

Data File : VX004015.D
Acq On : 14 Aug 2018 00:05
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC00

Quant Time: Aug 14 06:53:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 06:50:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	367580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216604	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	20265	6.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.00%	
35) Dibromofluoromethane	5.50	113	15921	5.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.72%	
50) Toluene-d8	8.71	98	59093	5.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.30%	
62) 4-Bromofluorobenzene	11.14	95	19943	5.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.30%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	9179	3.915	ug/l 95
3) Chloromethane	1.32	50	15792	4.778	ug/l 97
4) Vinyl Chloride	1.40	62	15456	4.719	ug/l 100
5) Bromomethane	1.64	94	10271	4.939	ug/l 96
6) Chloroethane	1.71	64	12816	5.966	ug/l 98
7) Trichlorofluoromethane	1.93	101	20361	4.756	ug/l 98
8) Diethyl Ether	2.18	74	11414	5.641	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	11802	4.443	ug/l 99
10) Methyl Iodide	2.51	142	12567	3.801	ug/l 98
11) Tert butyl alcohol	3.06	59	21498	27.286	ug/l 98
12) 1,1-Dichloroethene	2.37	96	12946	5.030	ug/l 92
13) Acrolein	2.29	56	8376	18.173	ug/l 99
14) Allyl chloride	2.73	41	25500	5.080	ug/l 98
15) Acrylonitrile	3.14	53	51333	26.965	ug/l 98
16) Acetone	2.44	43	52493	26.829	ug/l 98
17) Carbon Disulfide	2.57	76	33669	4.311	ug/l 97
18) Methyl Acetate	2.77	43	24051	5.648	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	50893	5.359	ug/l 99
20) Methylene Chloride	2.86	84	19673	4.188	ug/l 94
21) trans-1,2-Dichloroethene	3.17	96	15497	5.199	ug/l 98
22) Diisopropyl ether	3.86	45	57662	6.006	ug/l 91
23) Vinyl Acetate	3.82	43	232815	29.027	ug/l 100
24) 1,1-Dichloroethane	3.70	63	32057	5.748	ug/l 98
25) 2-Butanone	4.70	43	83541	28.097	ug/l 99
26) 2,2-Dichloropropane	4.59	77	17712	4.614	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	18111	5.510	ug/l 77
28) Bromochloromethane	5.02	49	13803	5.644	ug/l 99
29) Tetrahydrofuran	5.15	42	41842	27.449	ug/l 99
30) Chloroform	5.21	83	30068	5.693	ug/l 96
31) Cyclohexane	5.57	56	18881	4.234	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	22745	5.254	ug/l 99
36) 1,1-Dichloropropene	5.80	75	19422	4.563	ug/l 99
37) Ethyl Acetate	4.85	43	26002	5.365	ug/l 99
38) Carbon Tetrachloride	5.78	117	18684	4.631	ug/l 97

Data File : VX004015.D
Acq On : 14 Aug 2018 00:05
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC00

Quant Time: Aug 14 06:53:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 06:50:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	16683	3.447	ug/l	98
40) Benzene	6.14	78	67169	5.129	ug/l	98
41) Methacrylonitrile	5.06	41	13900	5.216	ug/l	99
42) 1,2-Dichloroethane	6.20	62	25469	5.668	ug/l	99
43) Isopropyl Acetate	6.46	43	35587	4.874	ug/l	99
44) Trichloroethene	7.21	130	17248	4.861	ug/l	96
45) 1,2-Dichloropropane	7.52	63	17405	5.131	ug/l	92
46) Dibromomethane	7.67	93	11553	5.205	ug/l	100
47) Bromodichloromethane	7.90	83	20613	4.960	ug/l	100
48) Methyl methacrylate	7.77	41	16502	4.450	ug/l	98
49) 1,4-Dioxane	7.76	88	7773	89.628	ug/l #	89
51) 4-Methyl-2-Pentanone	8.65	43	146597	24.217	ug/l	97
52) Toluene	8.79	92	41323	5.016	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	20053	4.309	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	22581	4.506	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	17956	5.260	ug/l	98
56) Ethyl methacrylate	9.18	69	21042	4.266	ug/l	99
57) 1,3-Dichloropropane	9.37	76	30223	5.261	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	53954	22.049	ug/l	99
59) 2-Hexanone	9.50	43	107952	23.779	ug/l	95
60) Dibromochloromethane	9.59	129	15816	4.958	ug/l	98
61) 1,2-Dibromoethane	9.67	107	18552	5.374	ug/l	100
64) Tetrachloroethene	9.34	164	16277	4.599	ug/l	96
65) Chlorobenzene	10.14	112	47478	5.043	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	15909	4.883	ug/l	97
67) Ethyl Benzene	10.25	91	67699	4.406	ug/l	99
68) m/p-Xylenes	10.36	106	53062	8.802	ug/l	95
69) o-Xylene	10.70	106	25732	4.500	ug/l	99
70) Styrene	10.71	104	41121	4.347	ug/l	97
71) Bromoform	10.86	173	11448	4.642	ug/l #	99
73) Isopropylbenzene	11.02	105	63968	4.150	ug/l	100
74) N-amyl acetate	6.46	43	35587	4.359	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	27710	5.027	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	28300	5.892	ug/l	89
77) Bromobenzene	11.26	156	20353	4.770	ug/l	99
78) n-propylbenzene	11.36	91	70500	4.011	ug/l	100
79) 2-Chlorotoluene	11.42	91	49446	4.560	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	52299	4.083	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	5458	3.564	ug/l #	84
82) 4-Chlorotoluene	11.51	91	54612	4.304	ug/l	99
83) tert-Butylbenzene	11.77	119	51111	4.085	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	55545	4.285	ug/l	99
85) sec-Butylbenzene	11.94	105	56276	3.865	ug/l	99
86) p-Isopropyltoluene	12.07	119	51150	3.898	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	37489	4.782	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	39877	4.888	ug/l	95
89) n-Butylbenzene	12.39	91	37741	3.333	ug/l	98
90) Hexachloroethane	12.60	117	7778	3.702	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	35753	4.601	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.01	75	4230	3.865	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX081418\
Quantitation Report (Not Reviewed)

Data File : VX004015.D
Acq On : 14 Aug 2018 00:05
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC0

Quant Time: Aug 14 06:53:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 06:50:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	21356	3.908	ug/l	98
94) Hexachlorobutadiene	13.79	225	8950	3.588	ug/l	95
95) Naphthalene	13.83	128	57207	3.592	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	23795	4.303	ug/l	99

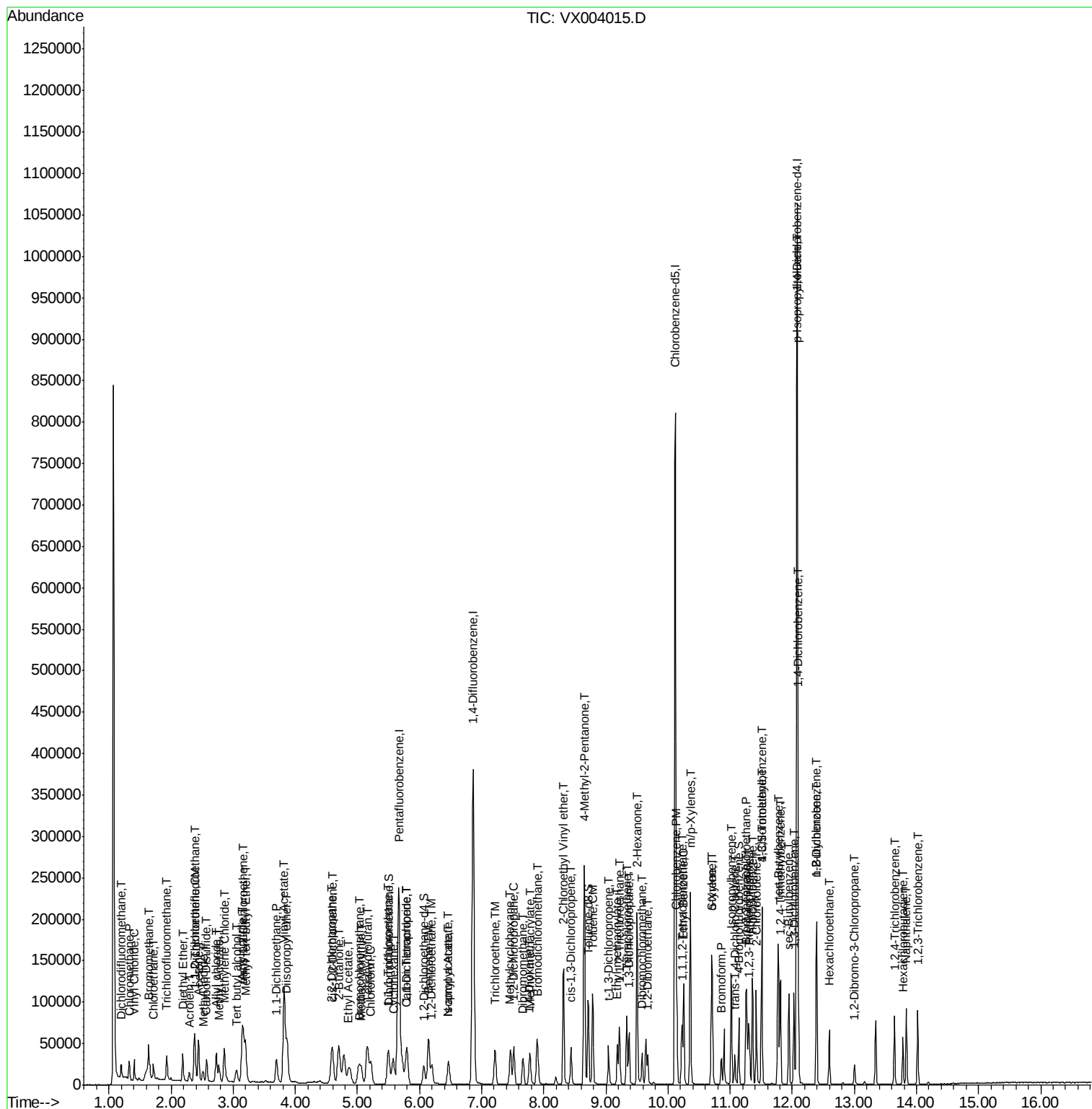
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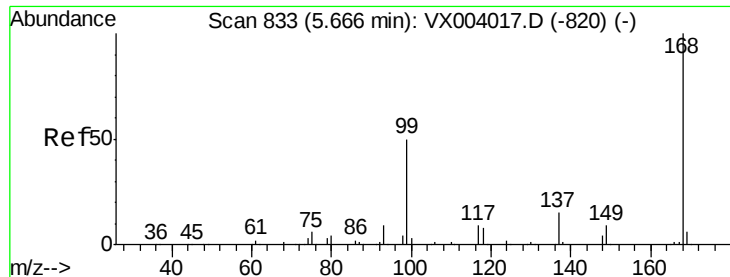
Data File : VX004015.D

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Acq On       : 14 Aug 2018   00:05
Operator     : JC/MD
Sample       : VSTDICC005
Misc         : 5.0mL/MSVOA_X/WATER
ALS Vial     : 31   Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC0

Quant Time: Aug 14 06:53:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 06:50:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

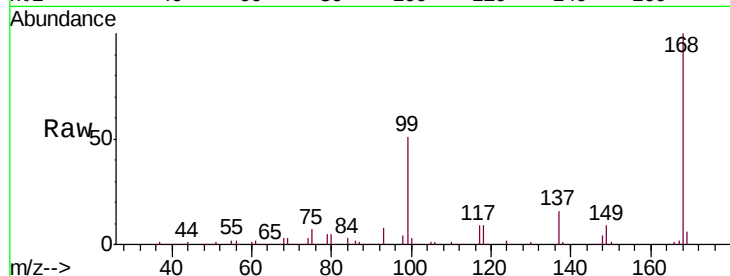
VSTDIC0

Tgt Ion:168 Resp: 241850

Ion Ratio Lower Upper

168 100

99 50.5 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

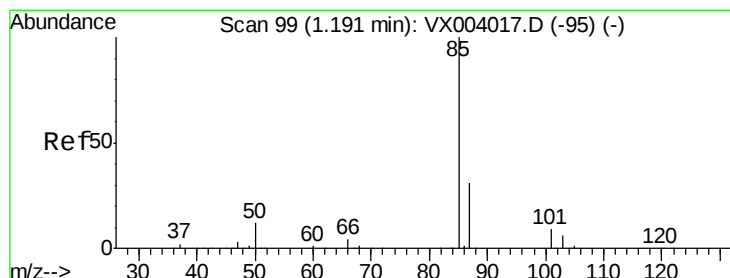
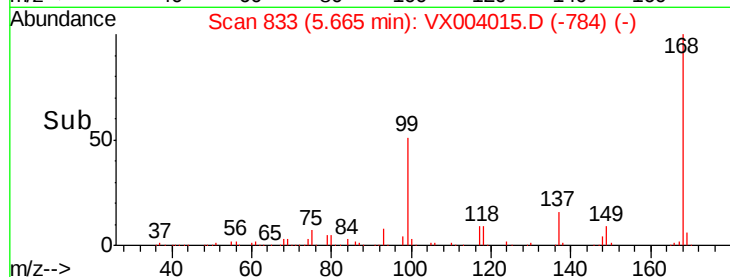
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 3.915 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX004015.D

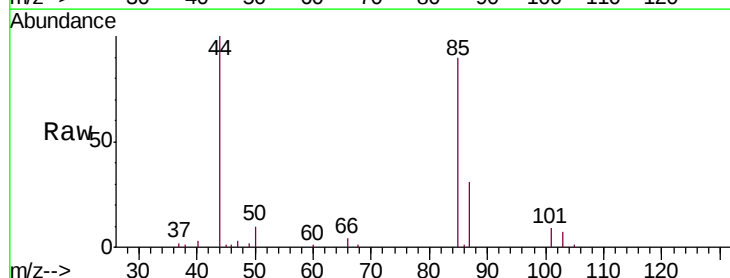
Acq: 14 Aug 2018 00:05

Tgt Ion: 85 Resp: 9179

Ion Ratio Lower Upper

85 100

87 34.0 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

8000

6000

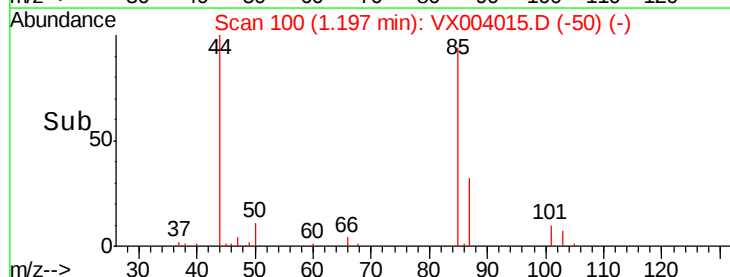
4000

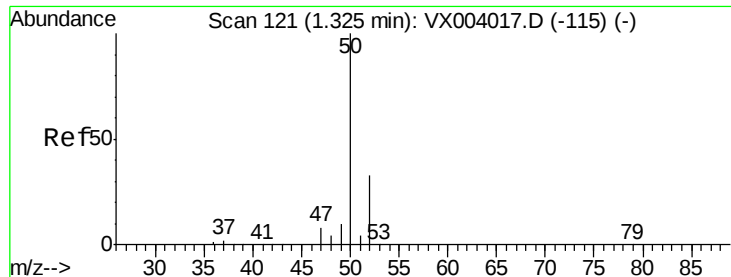
2000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 4.778 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

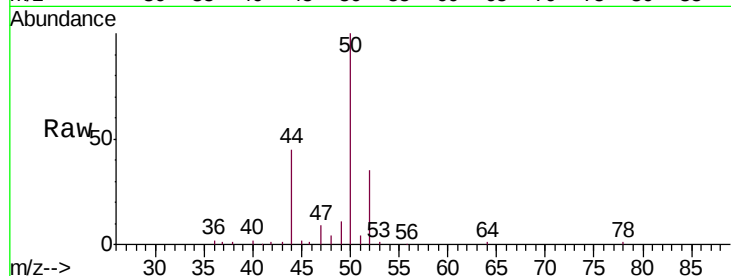
VSTDIC0

Tgt Ion: 50 Resp: 15792

Ion Ratio Lower Upper

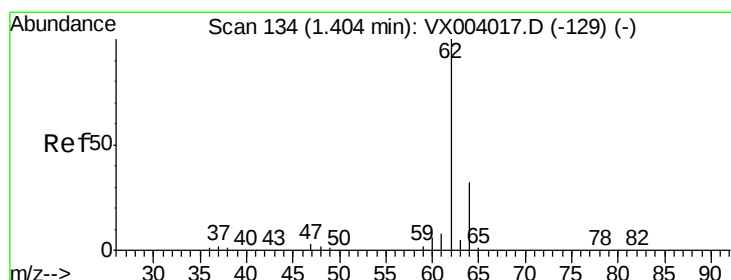
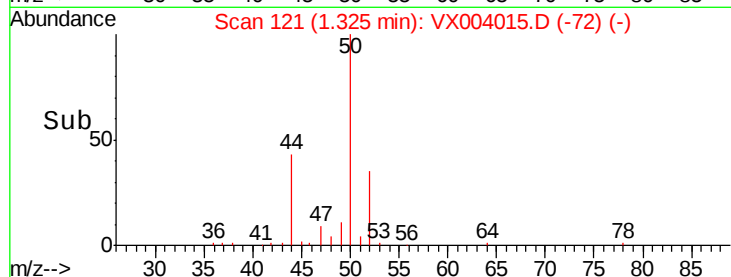
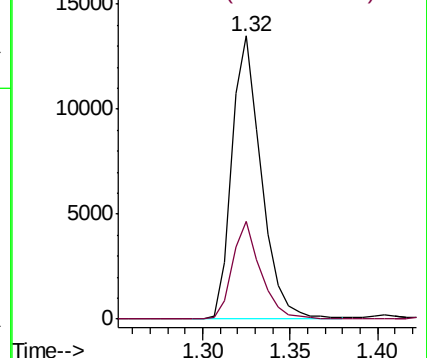
50 100

52 34.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 4.719 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004015.D

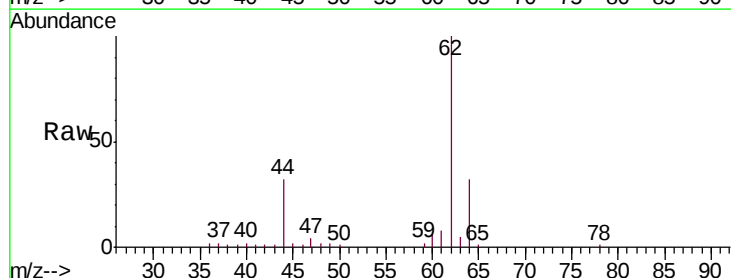
Acq: 14 Aug 2018 00:05

Tgt Ion: 62 Resp: 15456

Ion Ratio Lower Upper

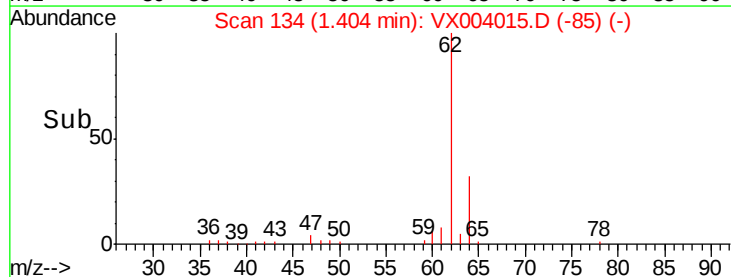
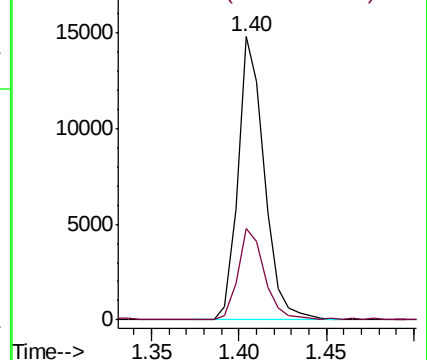
62 100

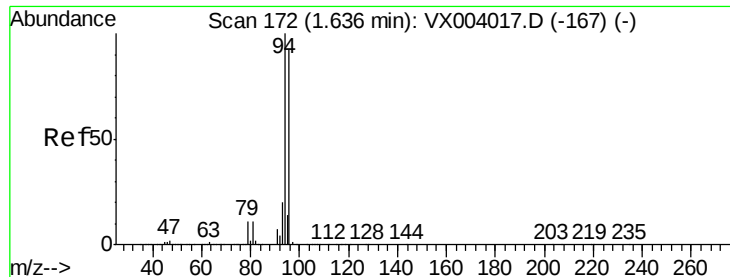
64 32.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 4.939 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

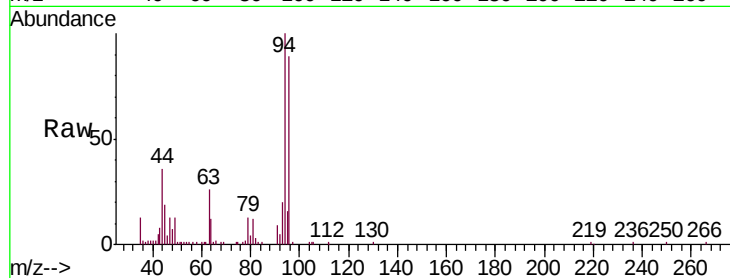
VSTDIC0

Tgt Ion: 94 Resp: 10271

Ion Ratio Lower Upper

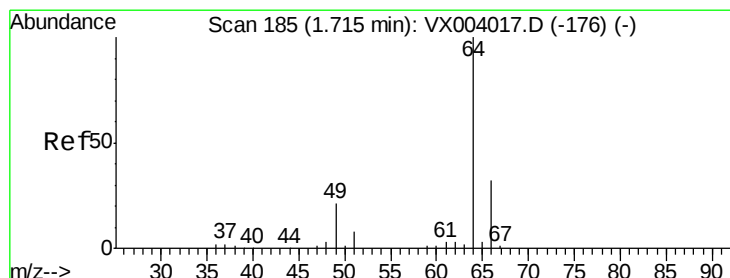
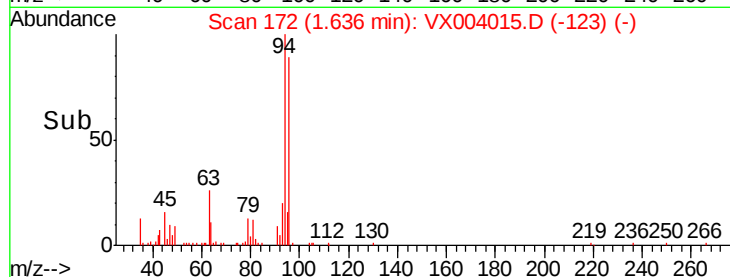
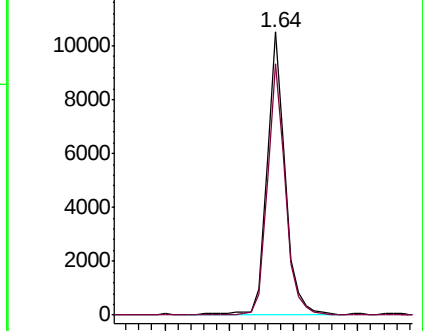
94 100

96 88.6 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 5.966 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX004015.D

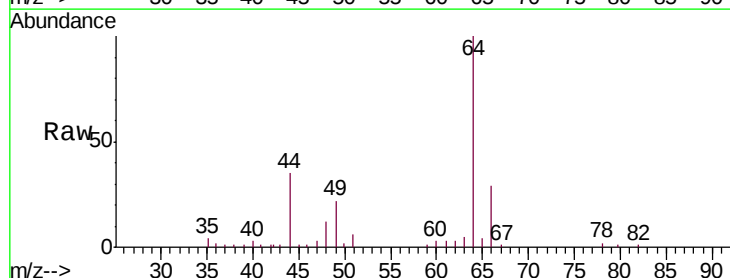
Acq: 14 Aug 2018 00:05

Tgt Ion: 64 Resp: 12816

Ion Ratio Lower Upper

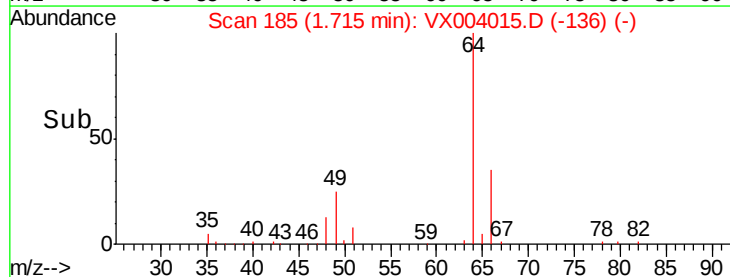
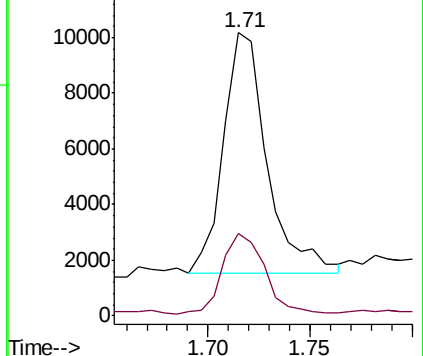
64 100

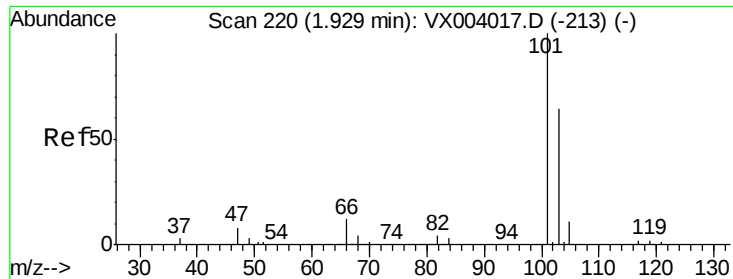
66 32.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



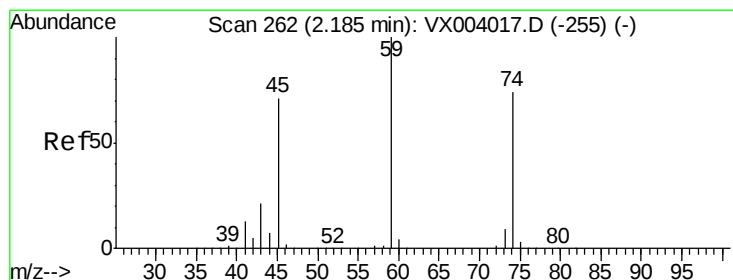
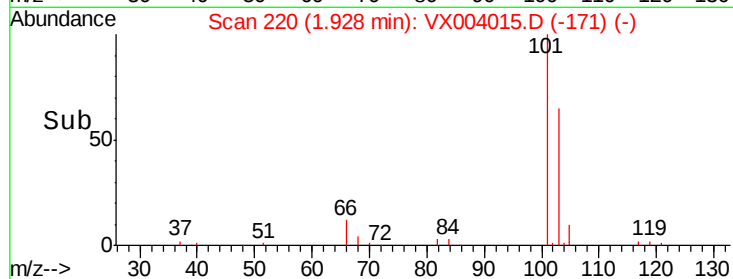
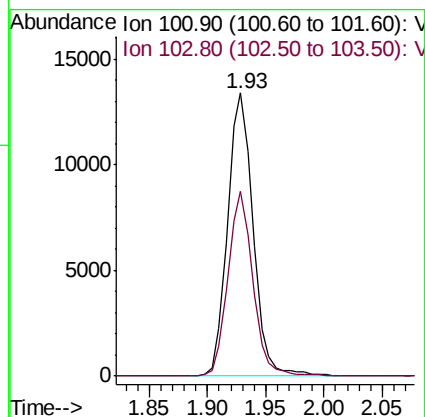
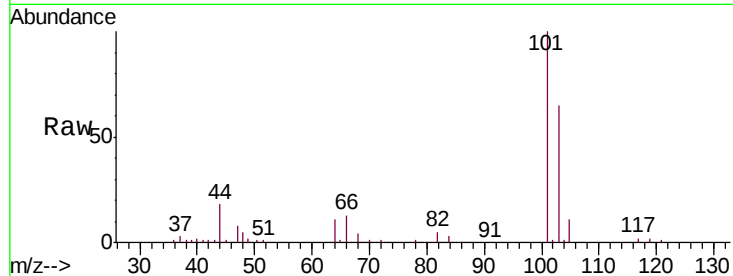


#7

Trichlorofluoromethane
 Concen: 4.756 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC0

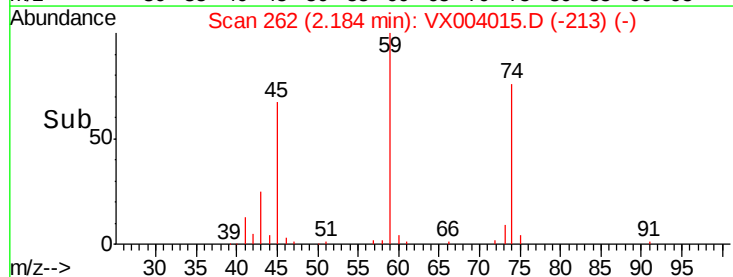
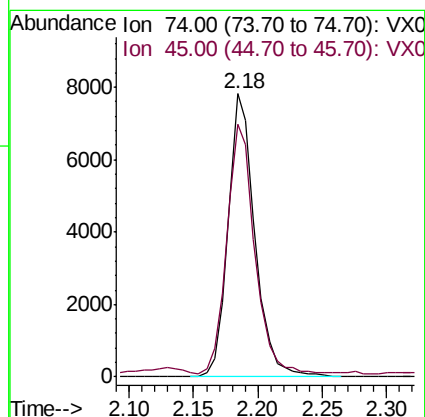
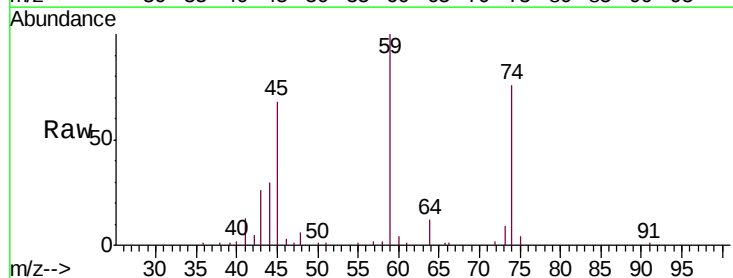
Tgt Ion:101 Resp: 20361
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.3 76.9

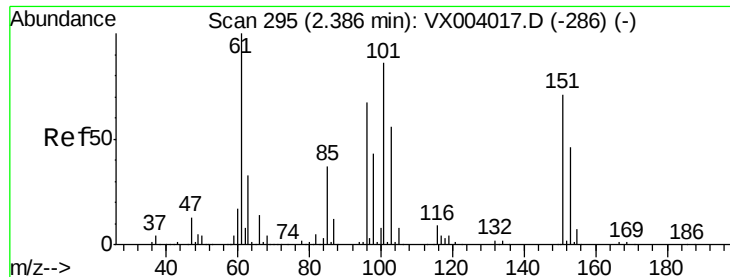


#8

Diethyl Ether
 Concen: 5.641 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

Tgt Ion: 74 Resp: 11414
 Ion Ratio Lower Upper
 74 100
 45 91.5 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.443 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

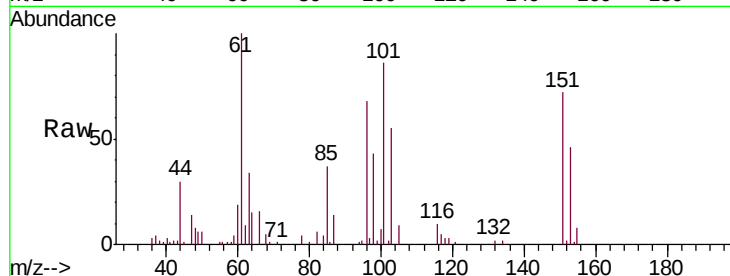
Tgt Ion:101 Resp: 11802

Ion Ratio Lower Upper

101 100

85 43.0 34.0 51.0

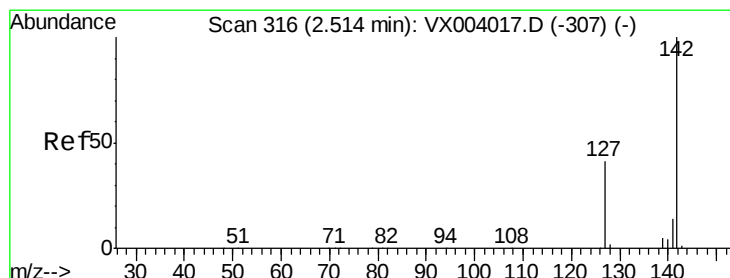
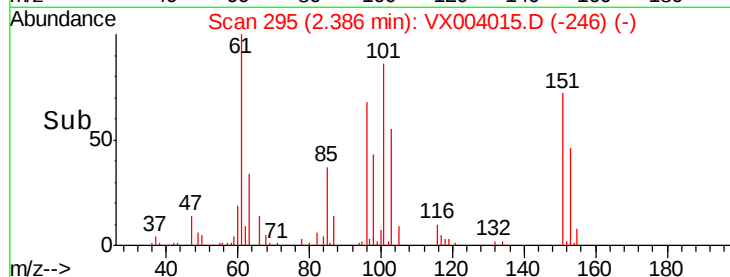
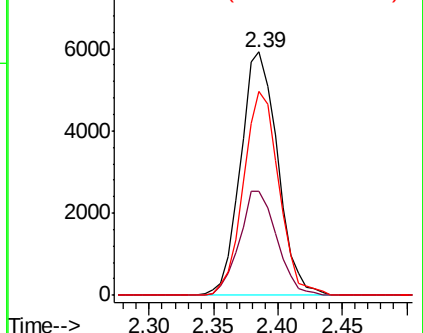
151 79.9 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.801 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

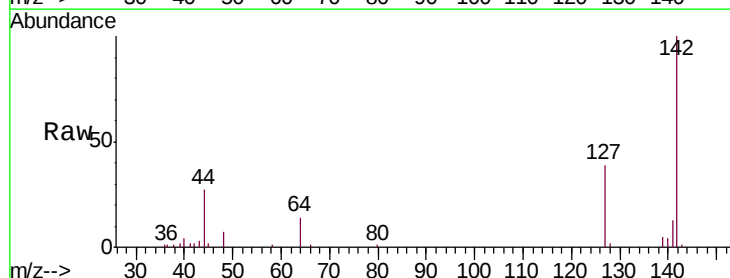
Tgt Ion:142 Resp: 12567

Ion Ratio Lower Upper

142 100

127 40.9 33.5 50.3

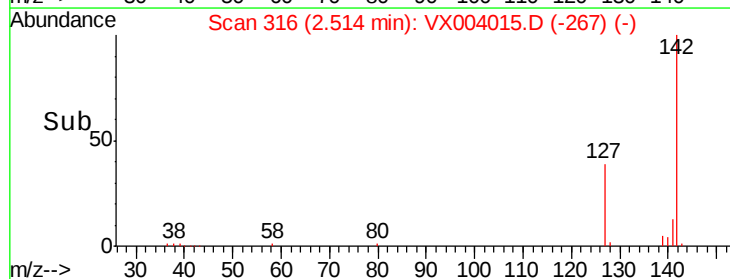
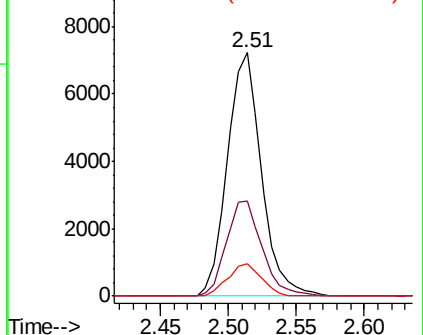
141 13.1 11.0 16.6

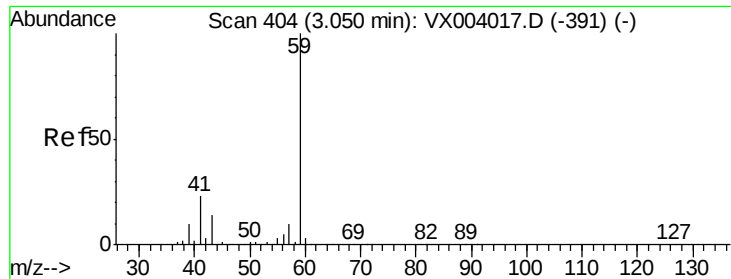


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

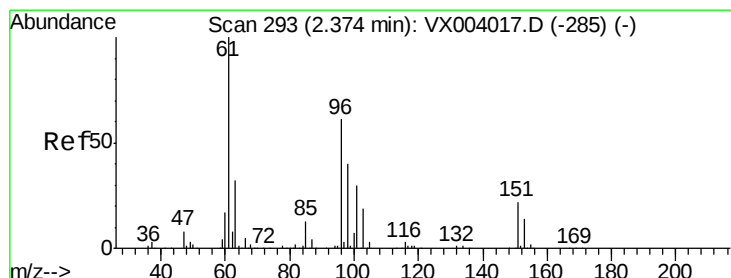
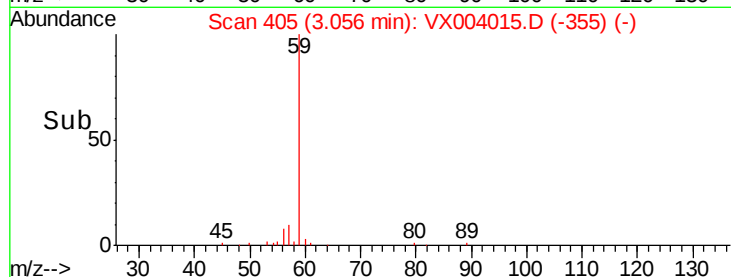
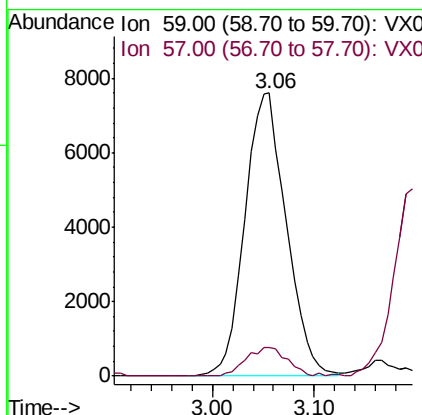
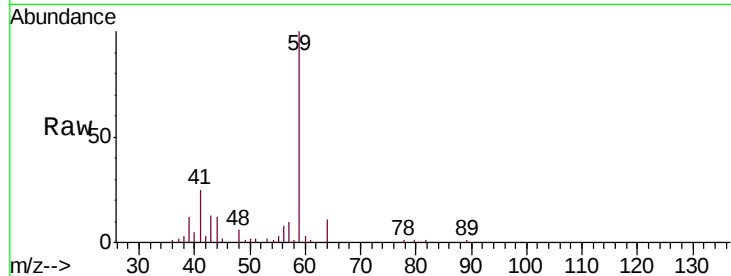




#11
Tert butyl alcohol
Concen: 27.286 ug/l
RT: 3.06 min Scan# 405
Delta R.T. 0.01 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

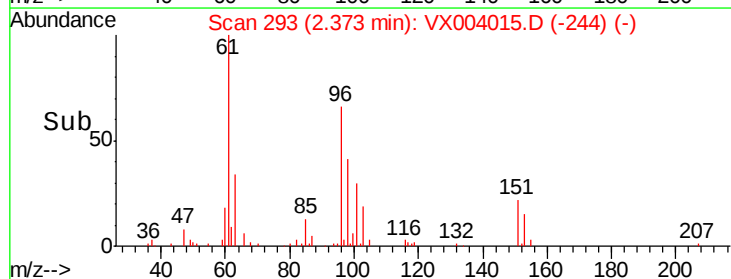
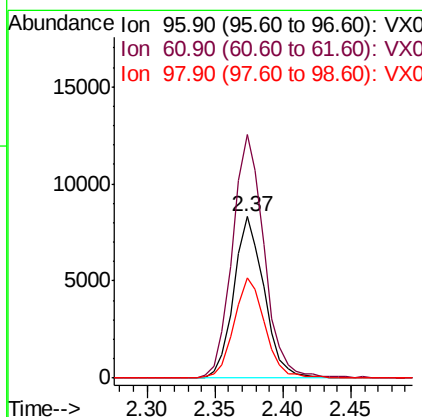
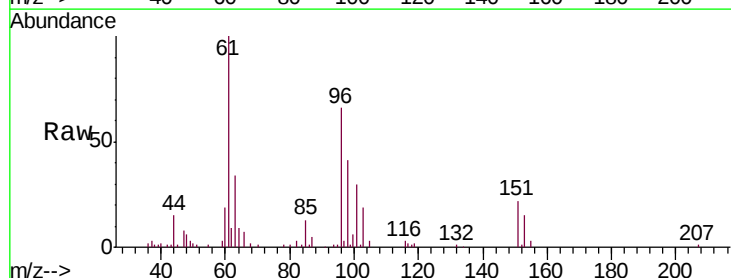
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCO

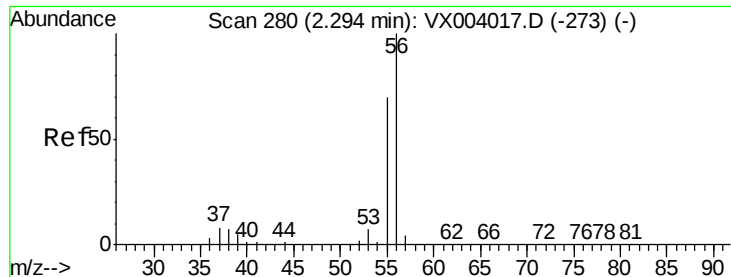
Tgt Ion: 59 Resp: 21498
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7



#12
1,1-Dichloroethene
Concen: 5.030 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

Tgt Ion: 96 Resp: 12946
Ion Ratio Lower Upper
96 100
61 150.7 131.2 196.8
98 62.2 52.0 78.0





#13

Acrolein

Concen: 18.173 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampled :

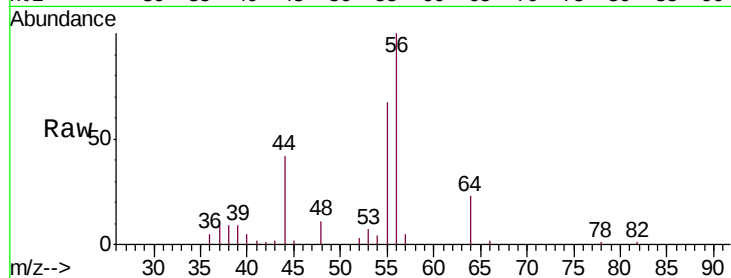
VSTDIC0

Tgt Ion: 56 Resp: 8376

Ion Ratio Lower Upper

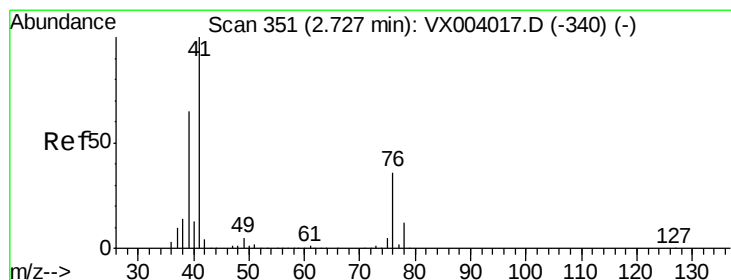
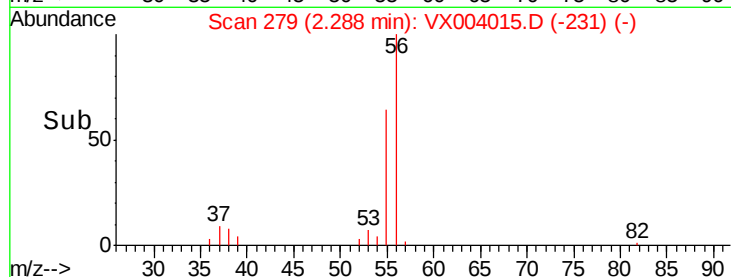
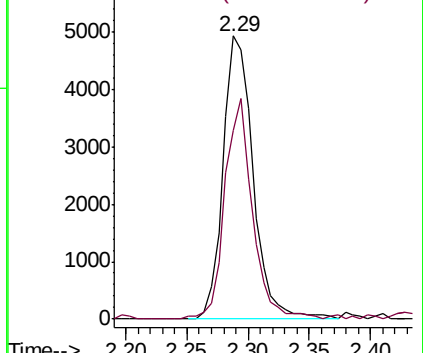
56 100

55 71.9 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 5.080 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

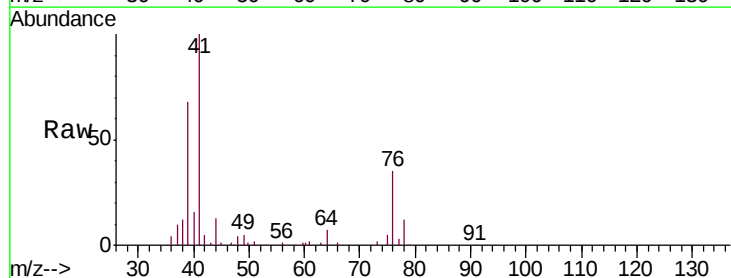
Tgt Ion: 41 Resp: 25500

Ion Ratio Lower Upper

41 100

39 63.6 48.8 73.2

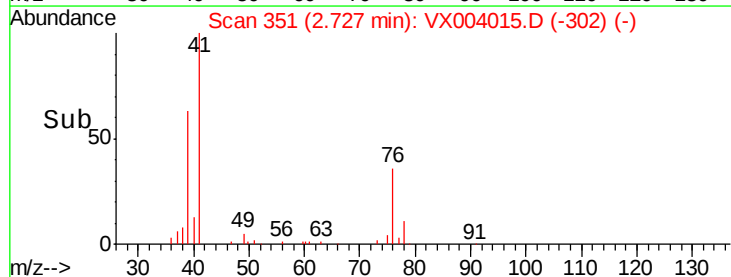
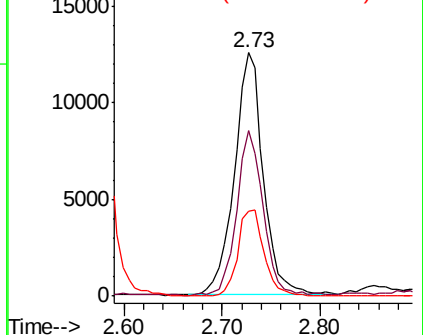
76 32.6 25.9 38.9

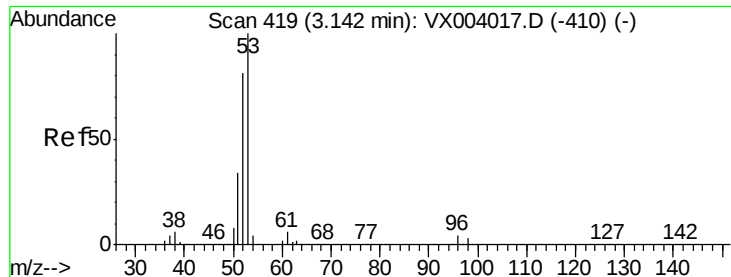


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 26.965 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

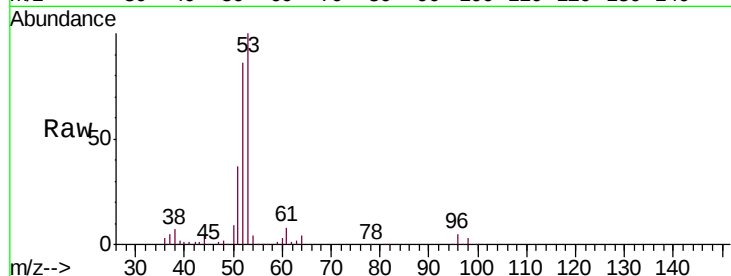
Tgt Ion: 53 Resp: 51333

Ion Ratio Lower Upper

53 100

52 82.4 65.0 97.6

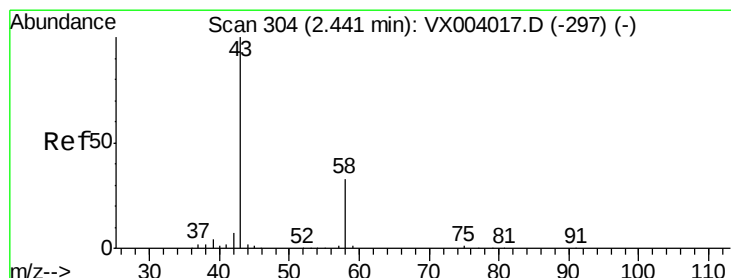
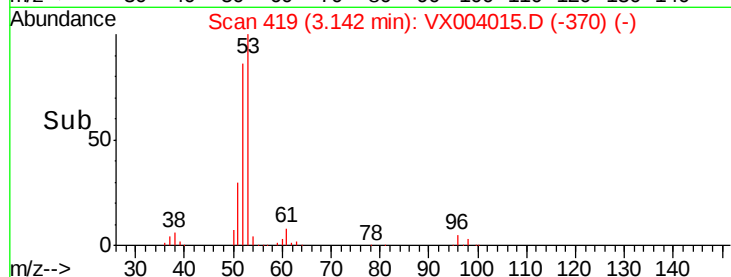
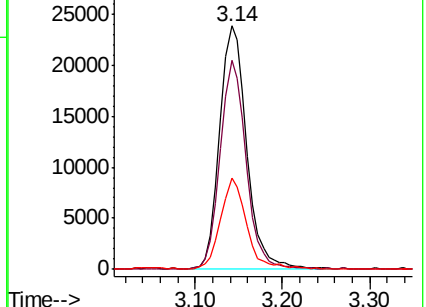
51 36.6 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 26.829 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004015.D

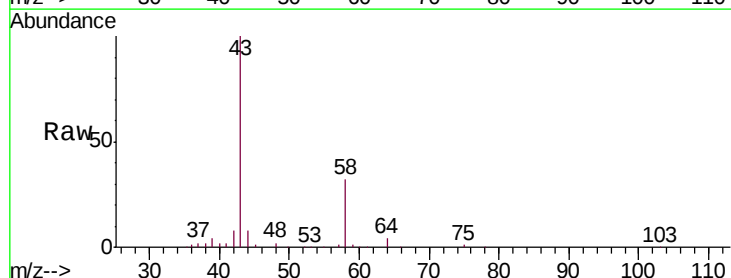
Acq: 14 Aug 2018 00:05

Tgt Ion: 43 Resp: 52493

Ion Ratio Lower Upper

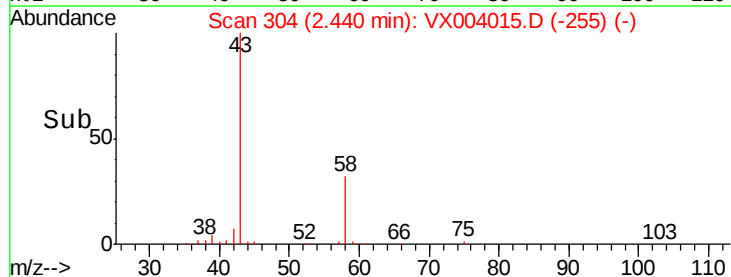
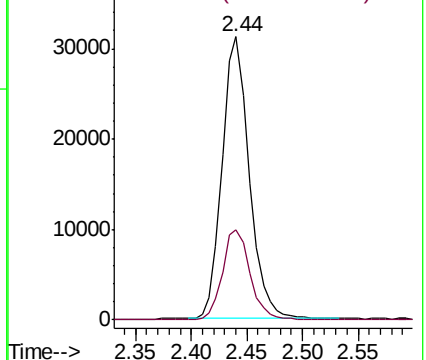
43 100

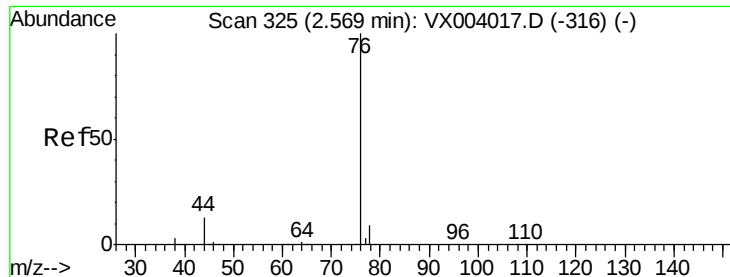
58 31.9 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

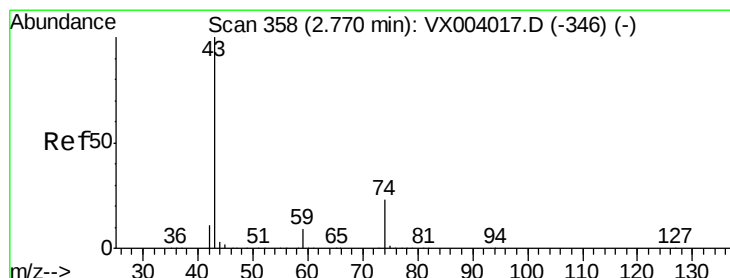
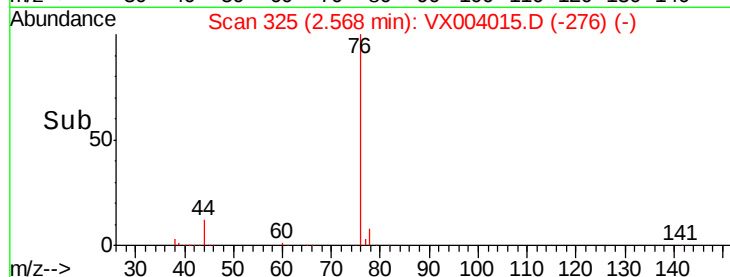
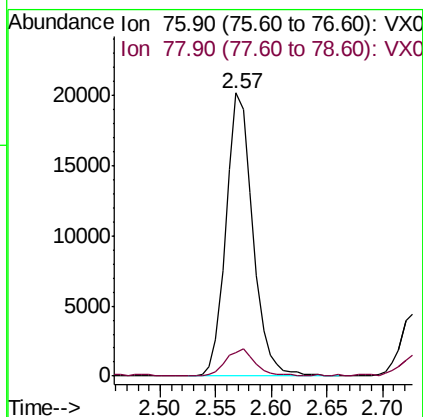
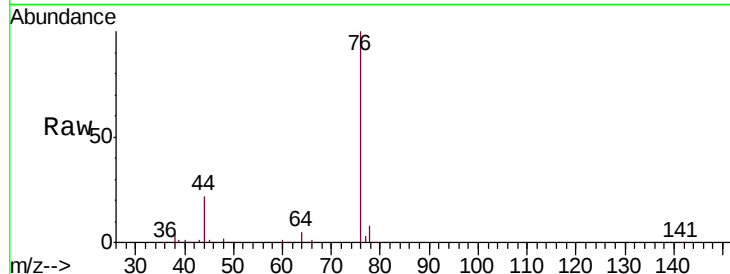




#17
Carbon Disulfide
Concen: 4.311 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

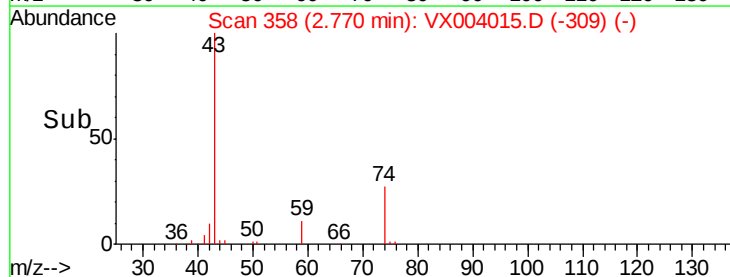
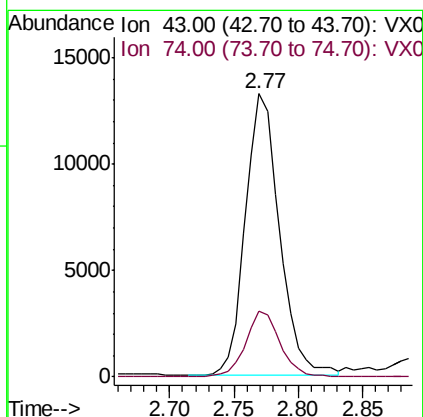
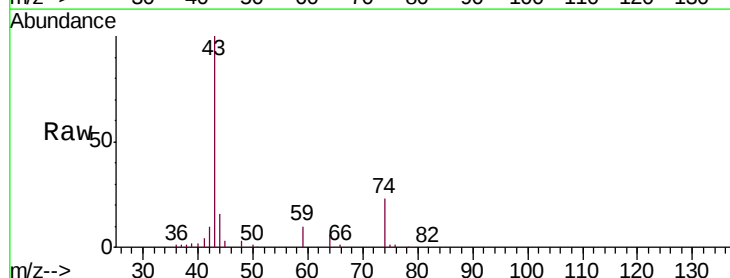
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC0

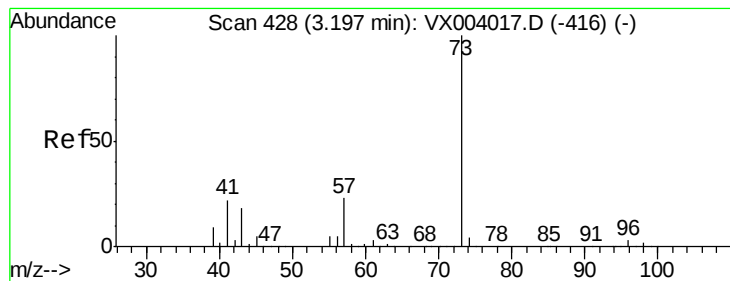
Tgt Ion: 76 Resp: 33669
Ion Ratio Lower Upper
76 100
78 8.1 7.3 10.9



#18
Methyl Acetate
Concen: 5.648 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

Tgt Ion: 43 Resp: 24051
Ion Ratio Lower Upper
43 100
74 23.7 19.7 29.5





#19

Methyl tert-butyl Ether

Concen: 5.359 ug/l

RT: 3.20 min Scan# 428

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

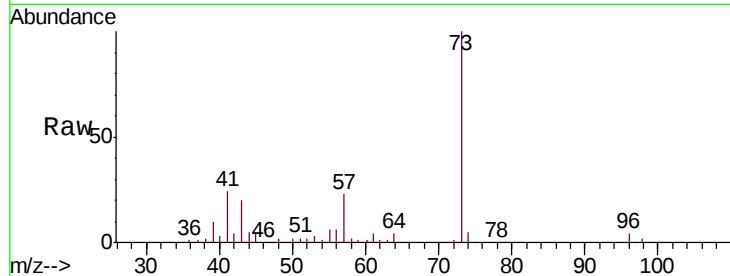
VSTDIC0

Tgt Ion: 73 Resp: 50893

Ion Ratio Lower Upper

73 100

57 23.0 18.2 27.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

25000

20000

15000

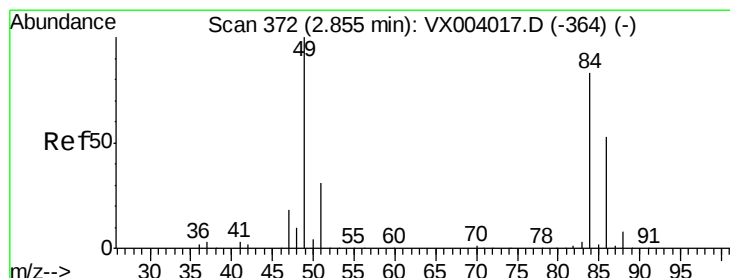
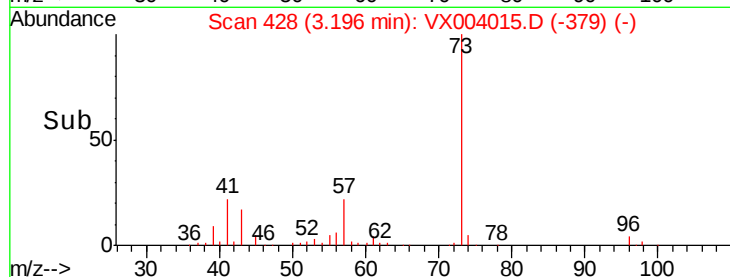
10000

5000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 4.188 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Tgt Ion: 84 Resp: 19673

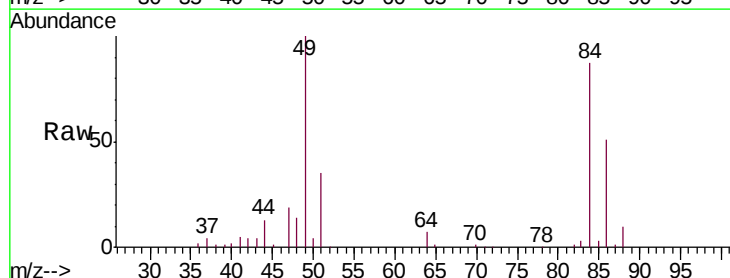
Ion Ratio Lower Upper

84 100

49 114.4 96.9 145.3

51 39.7 30.2 45.2

86 58.5 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

15000

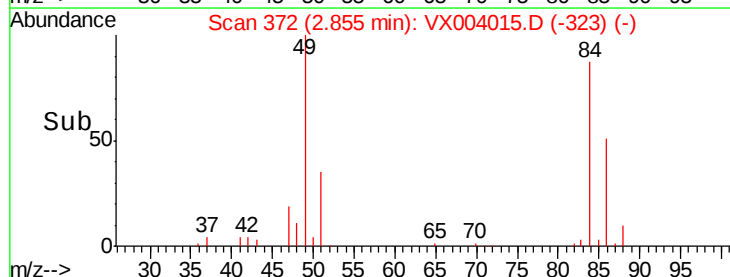
10000

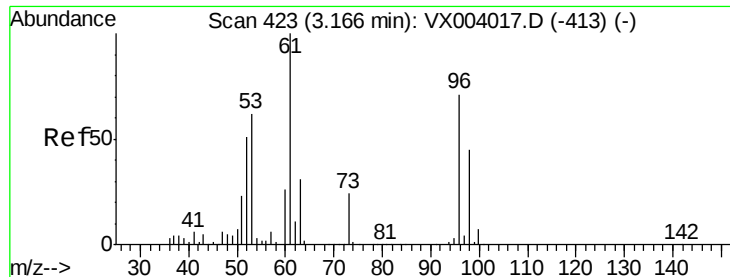
5000

0

Time-->

2.75 2.80 2.85 2.90 2.95





#21

trans-1,2-Dichloroethene

Concen: 5.199 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

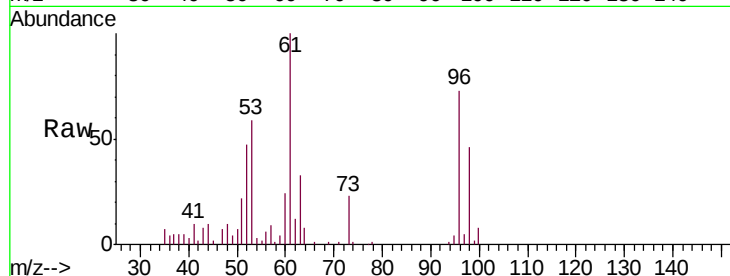
Tgt Ion: 96 Resp: 15497

Ion Ratio Lower Upper

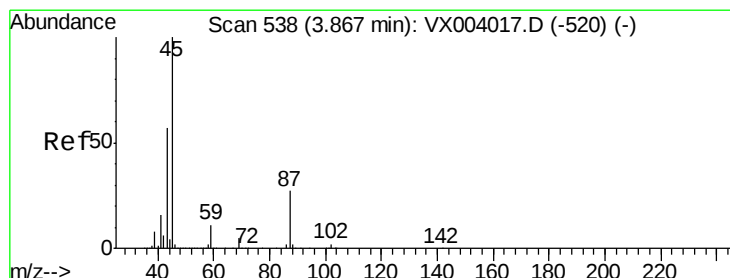
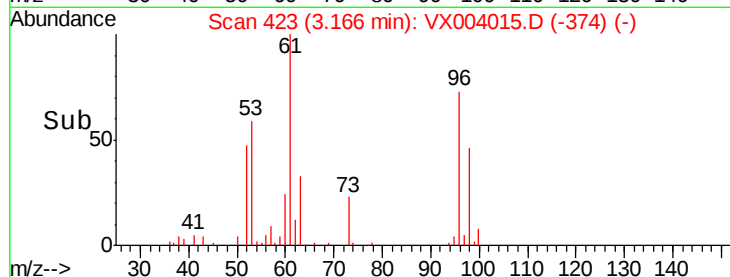
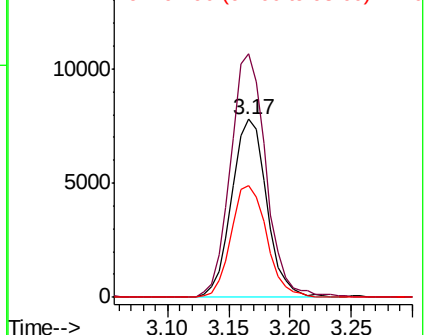
96 100

61 136.9 112.3 168.5

98 62.8 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 6.006 ug/l

RT: 3.86 min Scan# 537

Delta R.T. -0.01 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Tgt Ion: 45 Resp: 57662

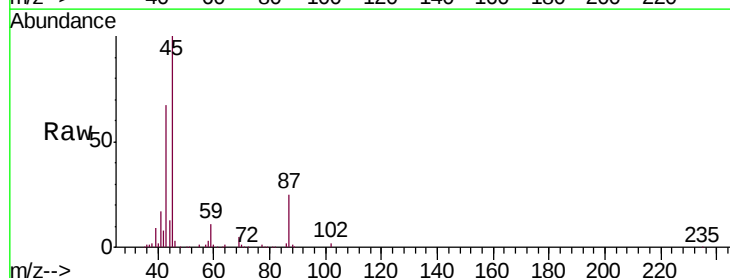
Ion Ratio Lower Upper

45 100

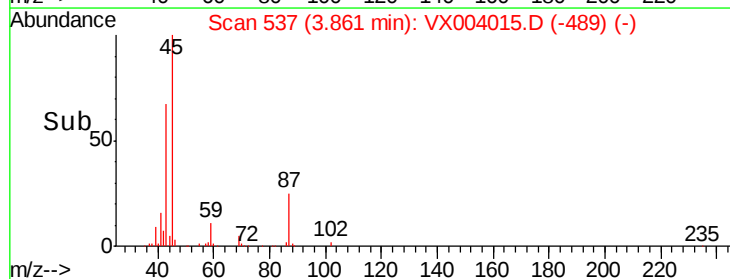
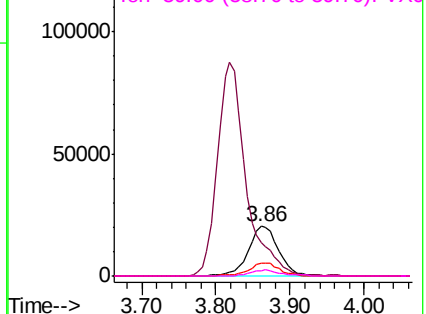
43 66.4 45.6 68.4

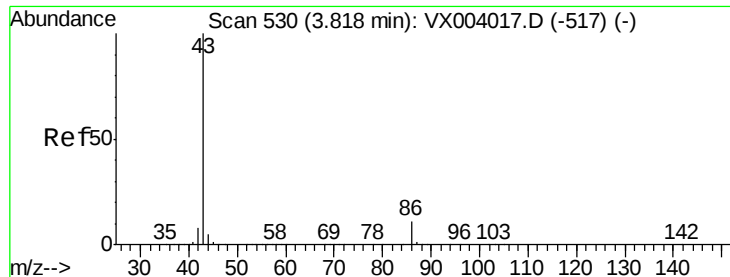
87 25.0 21.4 32.0

59 11.4 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 29.027 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

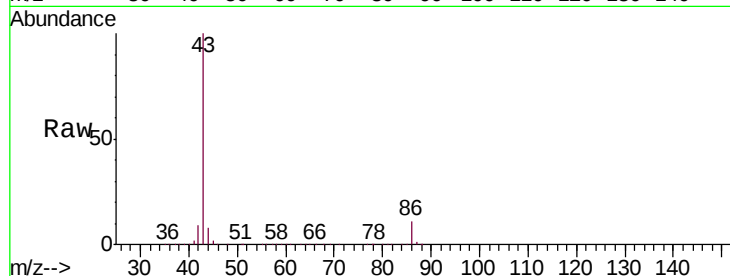
VSTDIC0

Tgt Ion: 43 Resp: 232815

Ion Ratio Lower Upper

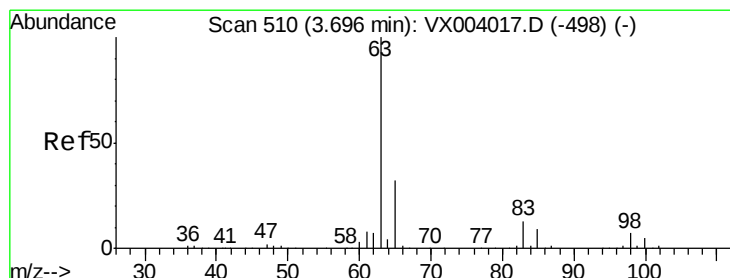
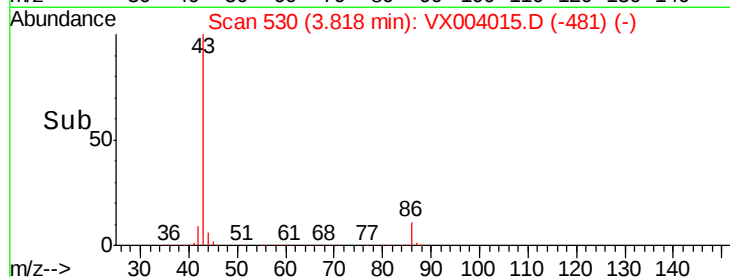
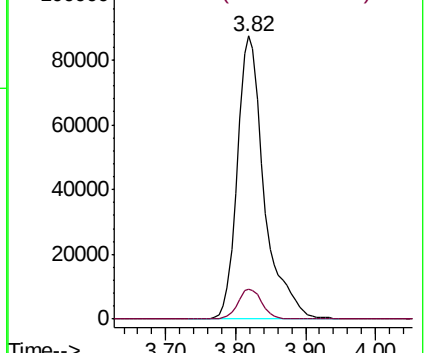
43 100

86 10.7 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.748 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

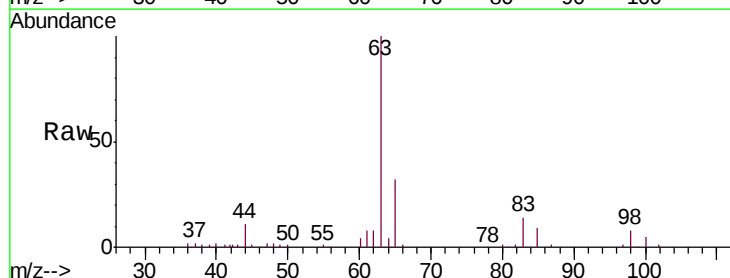
Tgt Ion: 63 Resp: 32057

Ion Ratio Lower Upper

63 100

98 7.6 3.4 10.1

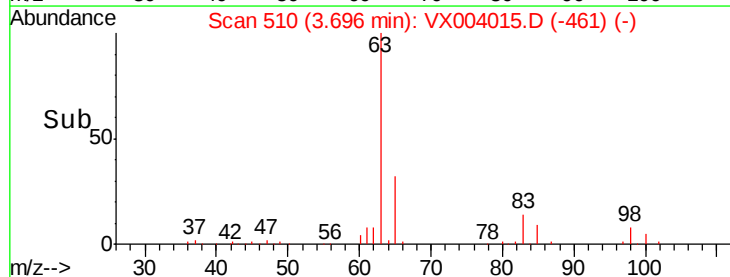
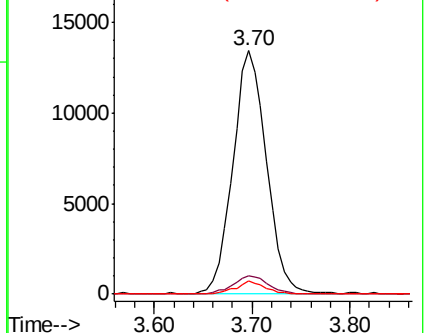
100 5.2 2.3 6.9

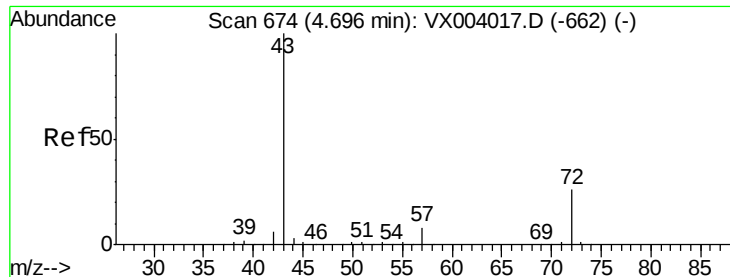


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 28.097 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

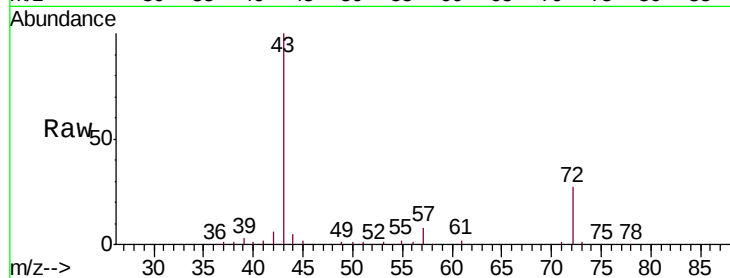
VSTDICCO

Tgt Ion: 43 Resp: 83541

Ion Ratio Lower Upper

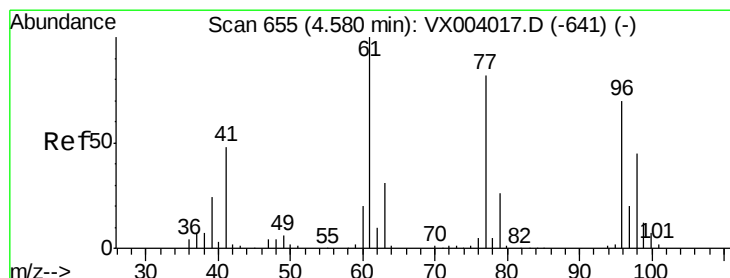
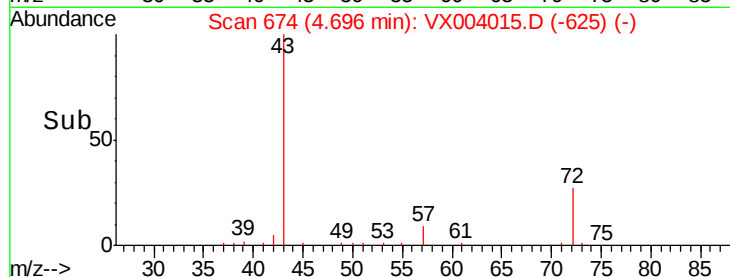
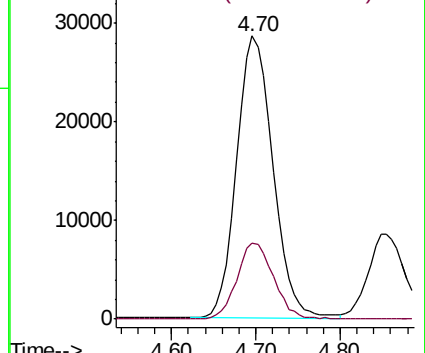
43 100

72 26.8 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 4.614 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX004015.D

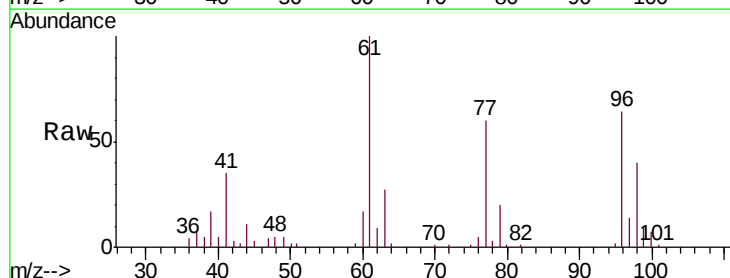
Acq: 14 Aug 2018 00:05

Tgt Ion: 77 Resp: 17712

Ion Ratio Lower Upper

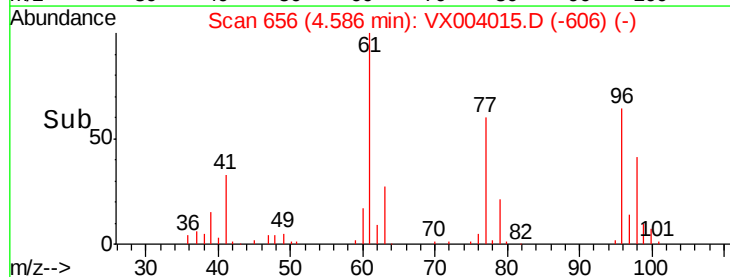
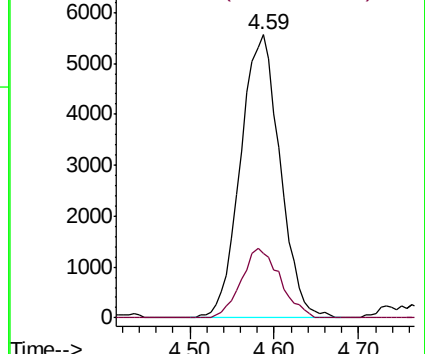
77 100

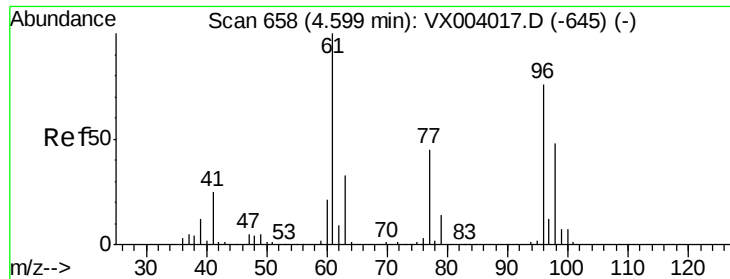
97 24.2 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



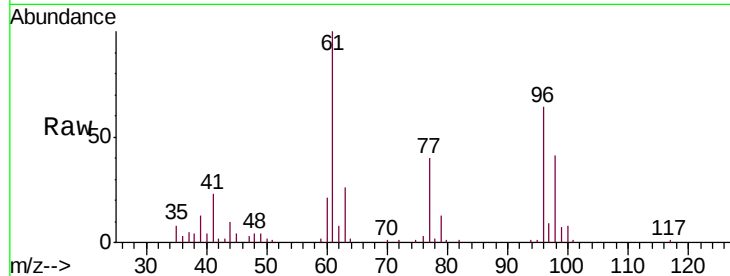


#27

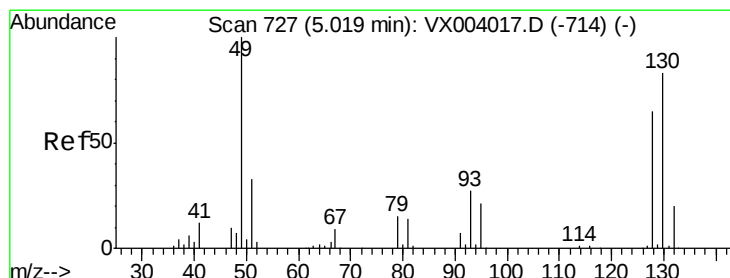
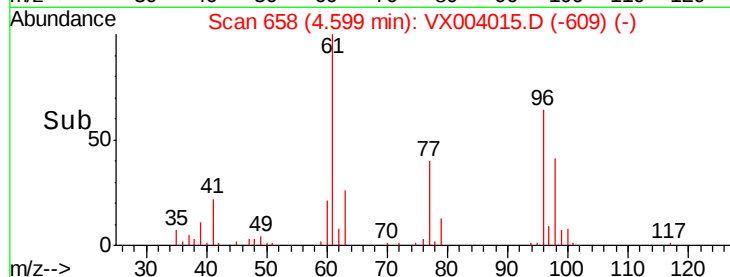
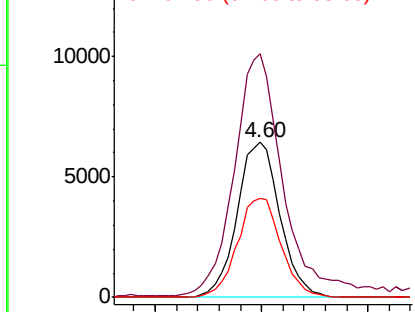
cis-1,2-Dichloroethene
Concen: 5.510 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampled :
VSTDIC0

Tgt Ion: 96 Resp: 18111
Ion Ratio Lower Upper
96 100
61 180.4 0.0 281.8
98 65.8 0.0 128.4



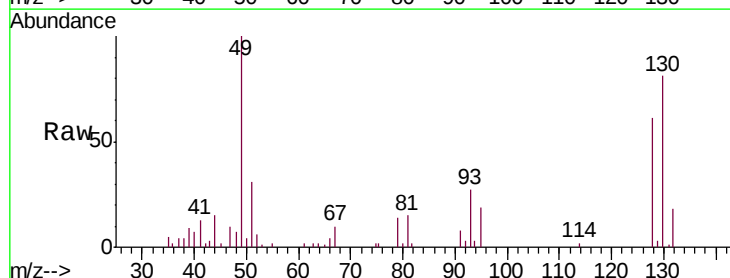
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



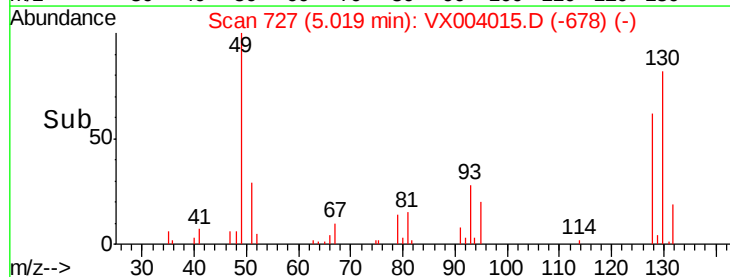
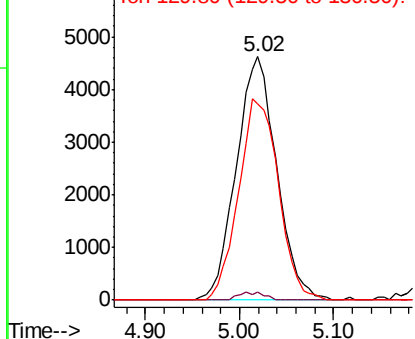
#28

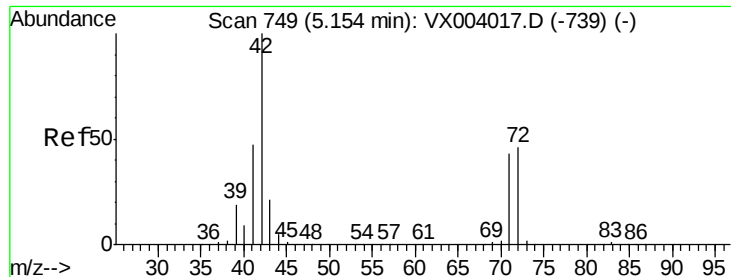
Bromochloromethane
Concen: 5.644 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

Tgt Ion: 49 Resp: 13803
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 81.7 65.8 98.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 27.449 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

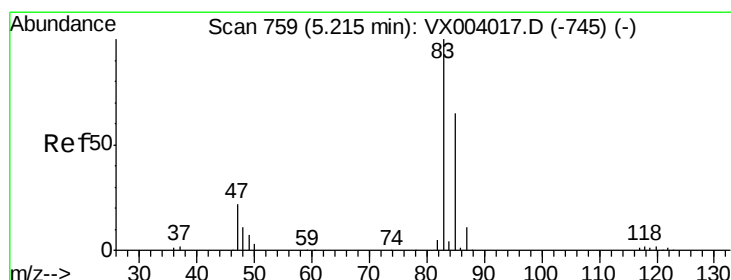
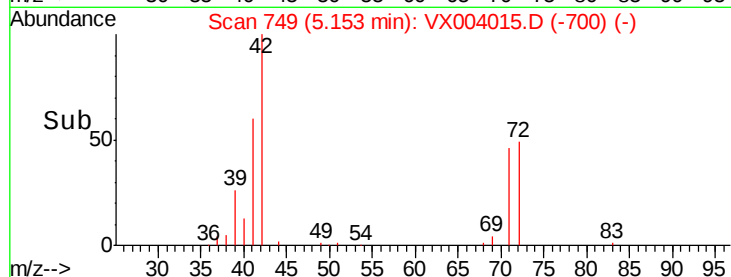
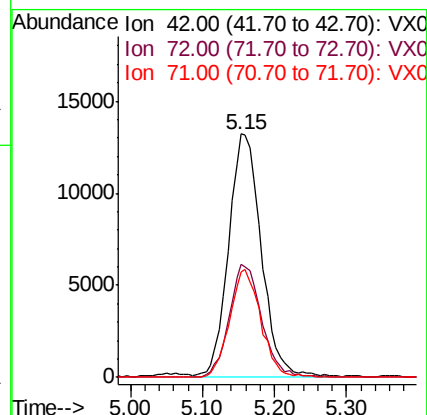
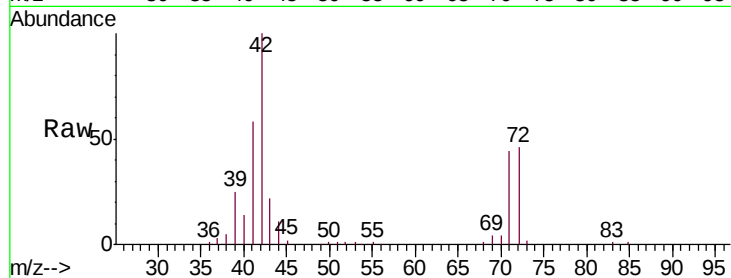
Tgt Ion: 42 Resp: 41842

Ion Ratio Lower Upper

42 100

72 45.7 37.2 55.8

71 42.1 34.6 51.8



#30

Chloroform

Concen: 5.693 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004015.D

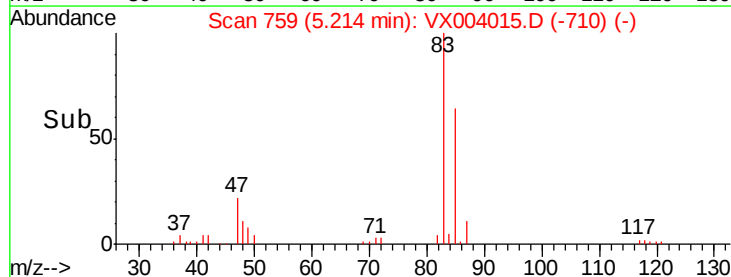
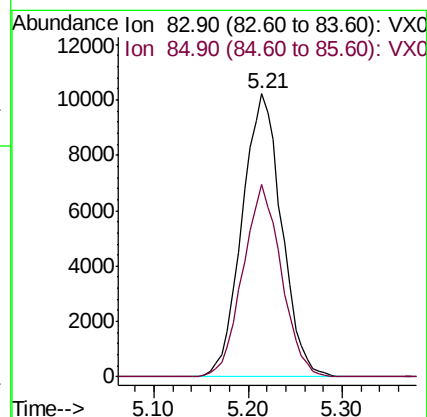
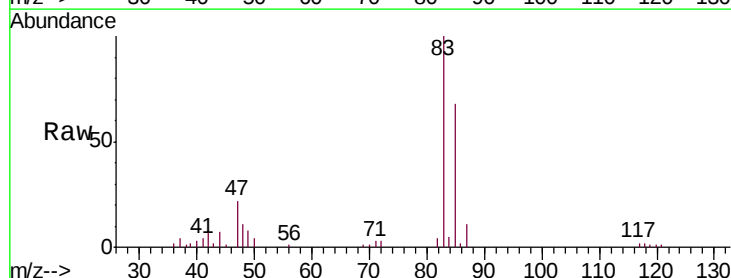
Acq: 14 Aug 2018 00:05

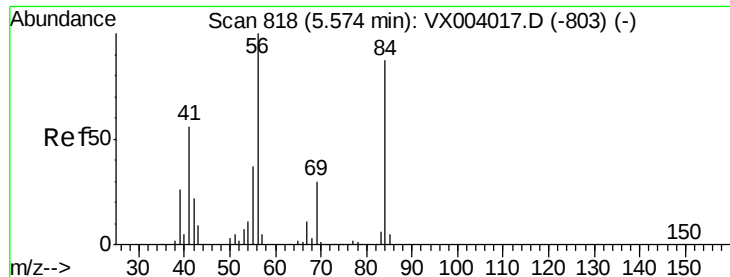
Tgt Ion: 83 Resp: 30068

Ion Ratio Lower Upper

83 100

85 67.9 51.8 77.6

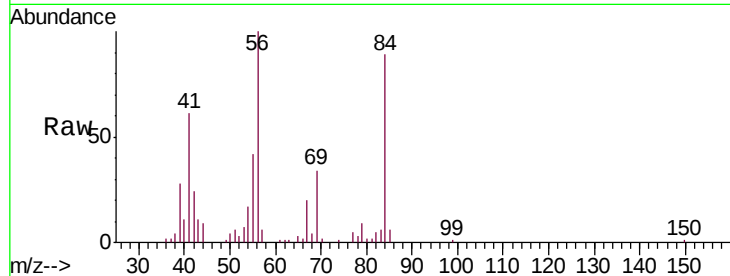




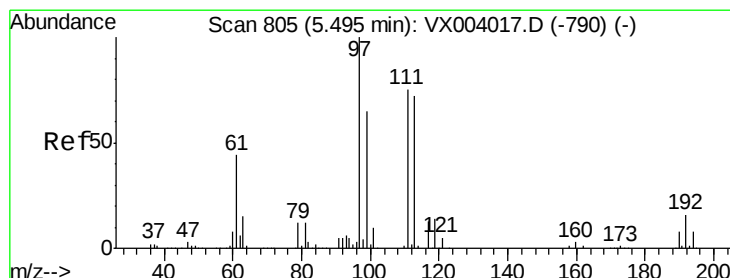
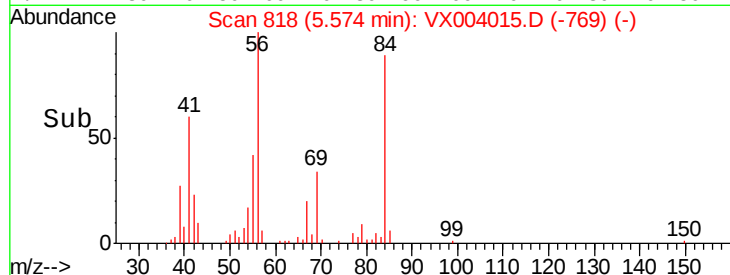
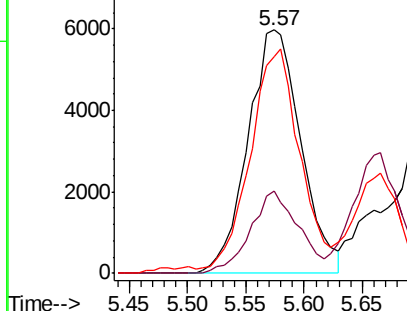
#31
Cyclohexane
Concen: 4.234 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCO

Tgt Ion: 56 Resp: 18881
Ion Ratio Lower Upper
56 100
69 33.6 23.7 35.5
84 86.3 69.8 104.6

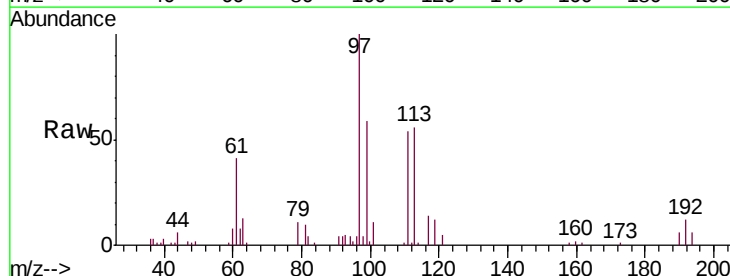


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

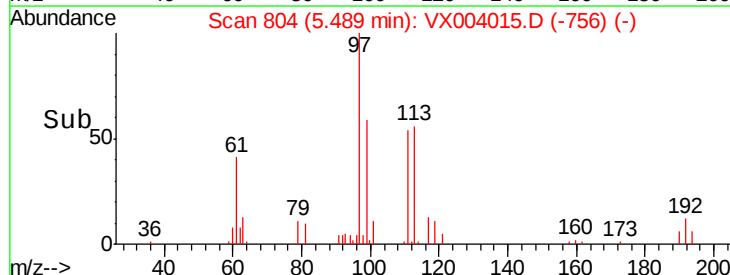
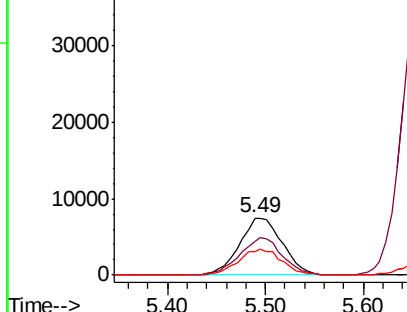


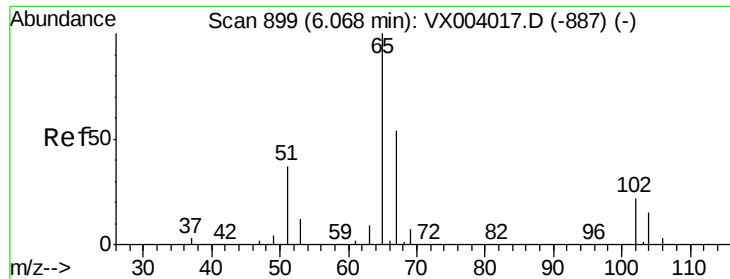
#32
1,1,1-Trichloroethane
Concen: 5.254 ug/l
RT: 5.49 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

Tgt Ion: 97 Resp: 22745
Ion Ratio Lower Upper
97 100
99 64.5 52.0 78.0
61 45.8 35.8 53.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

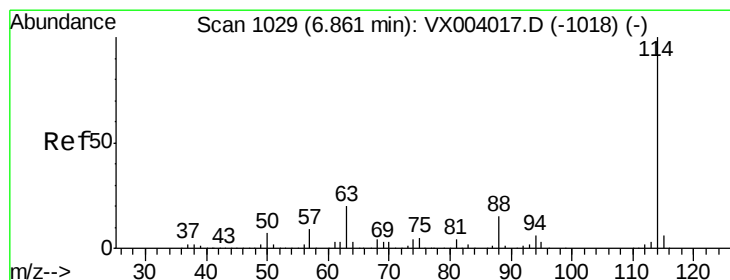
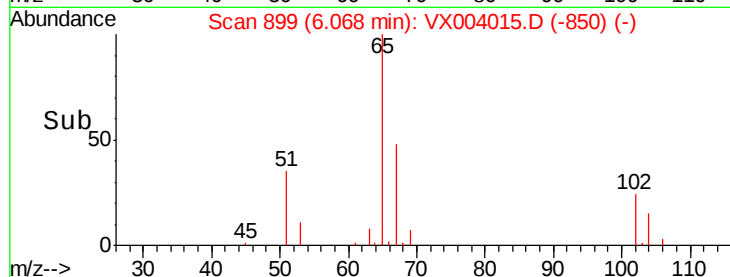
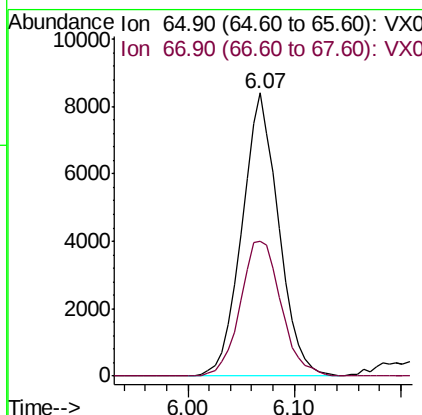
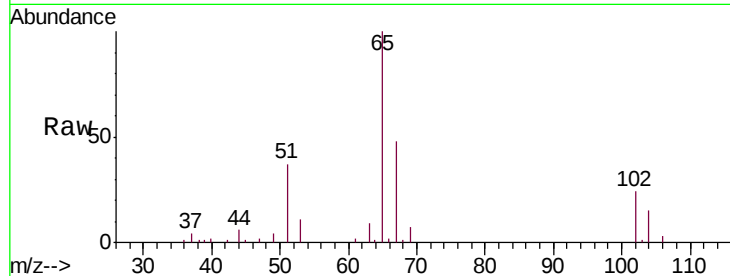




#33
 1,2-Dichloroethane-d4
 Concen: 6.003 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

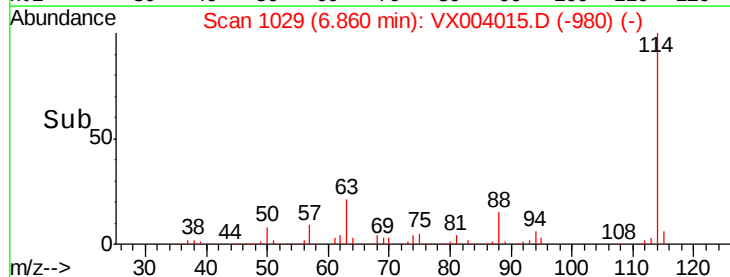
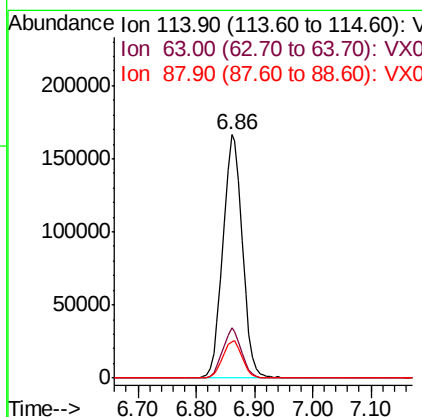
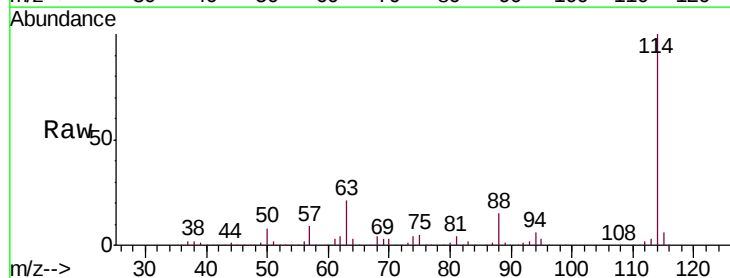
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCO

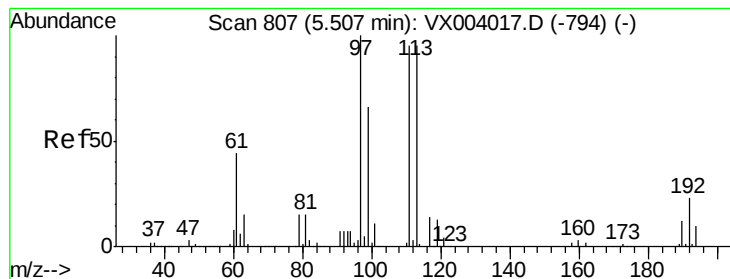
Tgt Ion: 65 Resp: 20265
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

Tgt Ion: 114 Resp: 387825
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.4
 88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 5.356 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

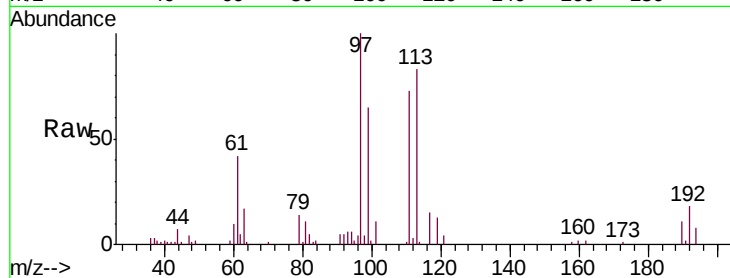
Tgt Ion:113 Resp: 15921

Ion Ratio Lower Upper

113 100

111 100.8 82.4 123.6

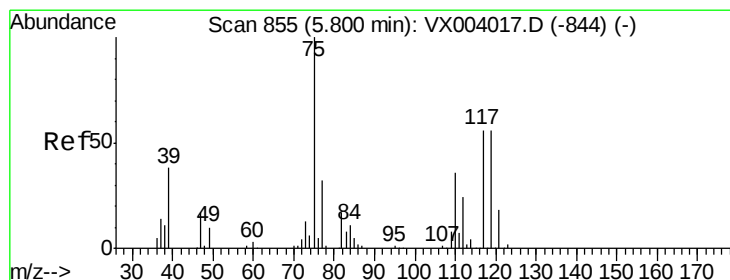
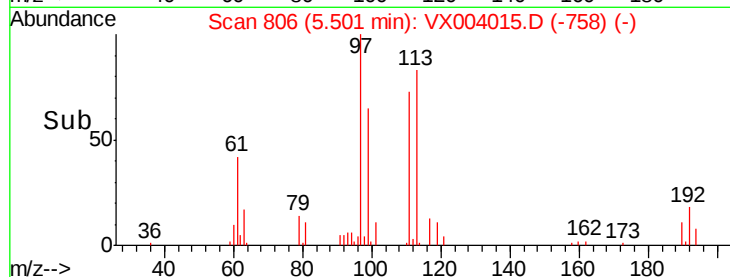
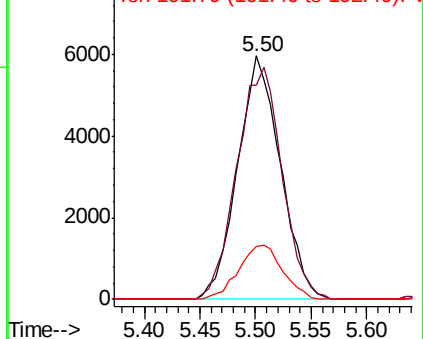
192 22.9 19.0 28.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.563 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

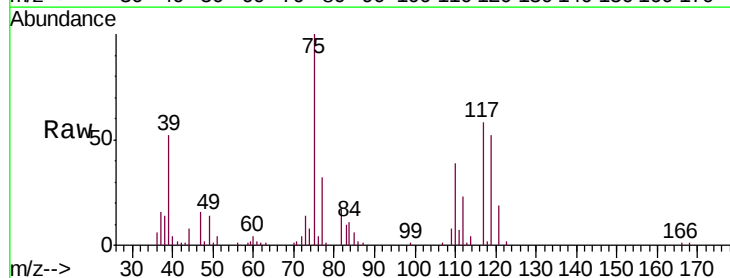
Tgt Ion: 75 Resp: 19422

Ion Ratio Lower Upper

75 100

110 37.5 18.1 54.3

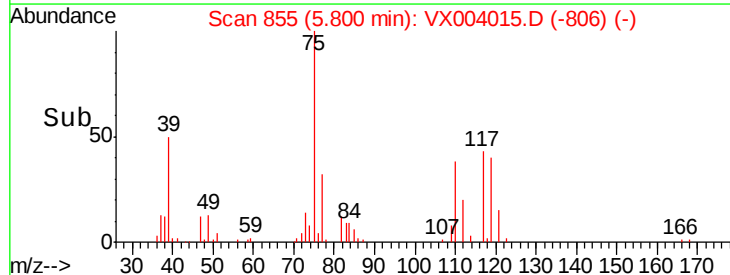
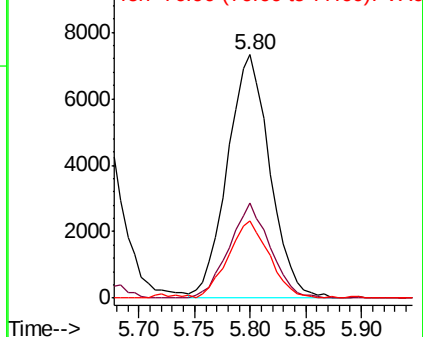
77 30.6 24.6 37.0

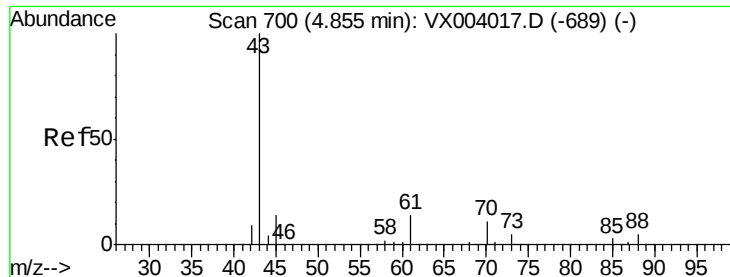


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

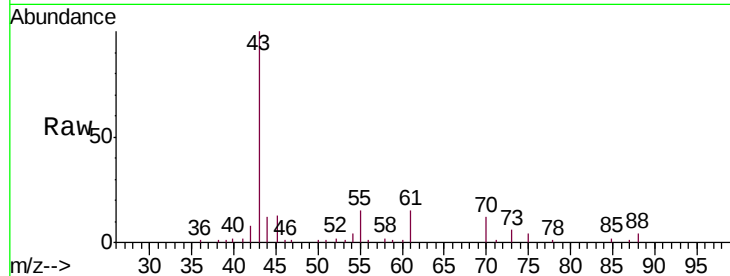




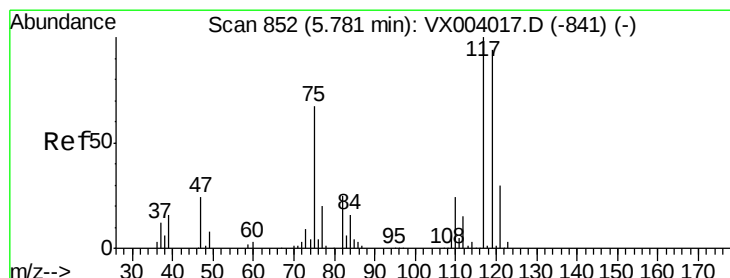
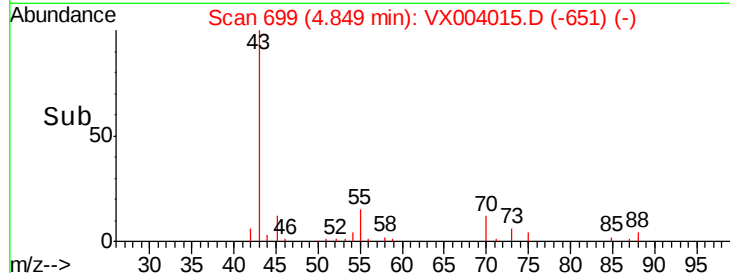
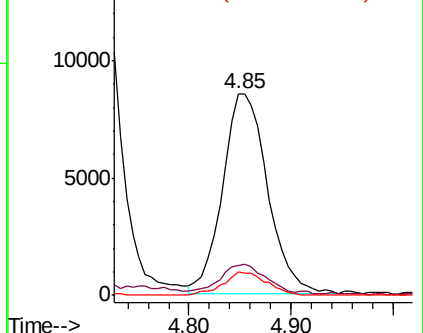
#37
Ethyl Acetate
Concen: 5.365 ug/l
RT: 4.85 min Scan# 699
Delta R.T. -0.01 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampled :
VSTDIC0

Tgt Ion: 43 Resp: 26002
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.8
70 11.2 8.9 13.3

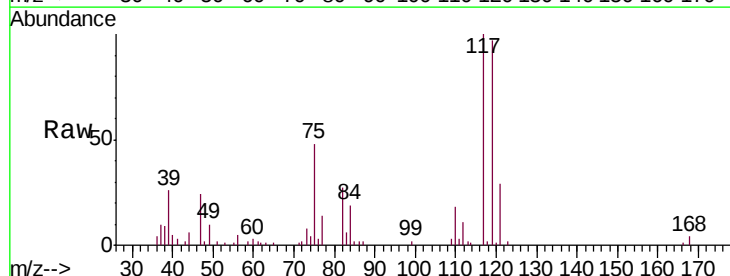


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

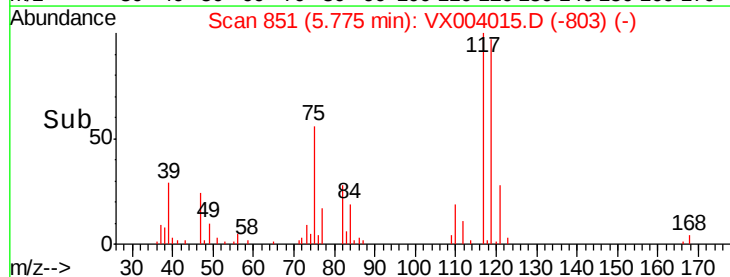
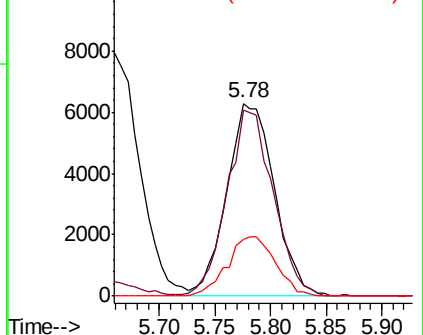


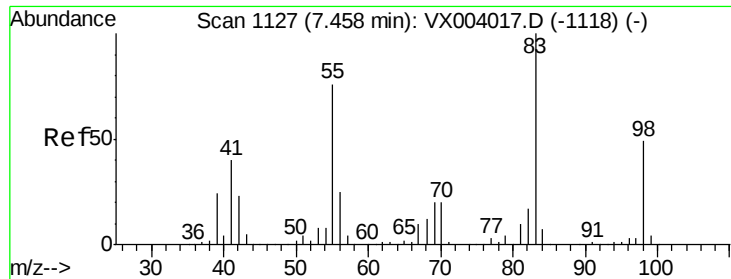
#38
Carbon Tetrachloride
Concen: 4.631 ug/l
RT: 5.78 min Scan# 851
Delta R.T. -0.01 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

Tgt Ion: 117 Resp: 18684
Ion Ratio Lower Upper
117 100
119 96.7 74.8 112.2
121 29.2 24.1 36.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

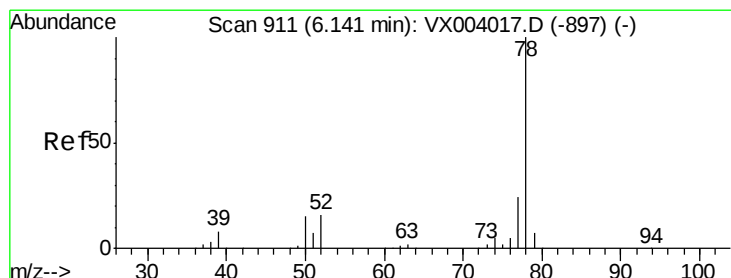
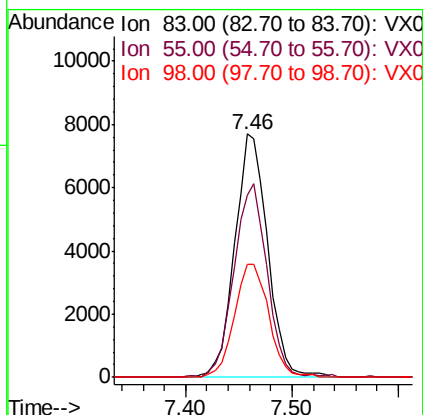
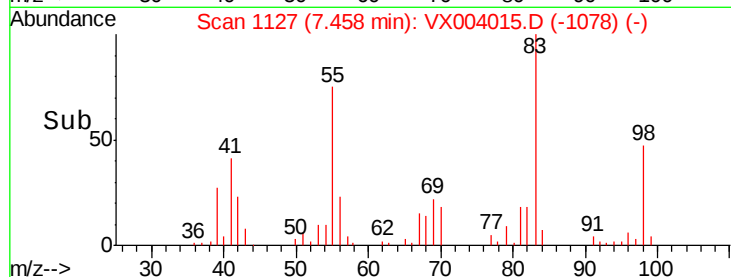
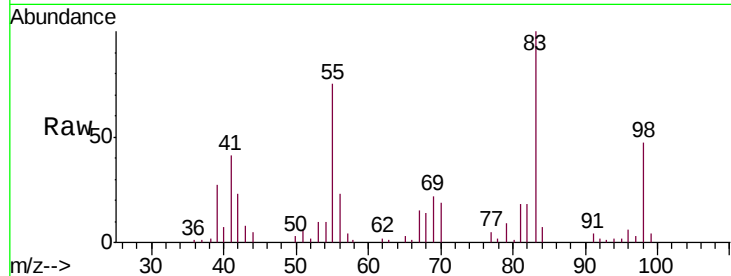




#39
Methylcyclohexane
Concen: 3.447 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

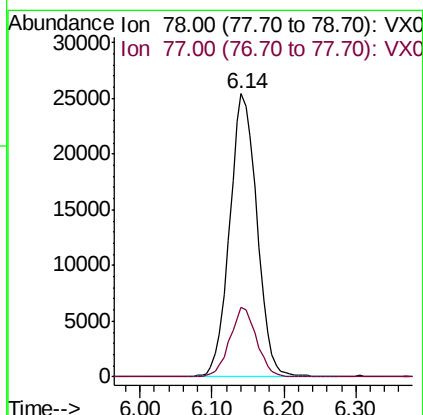
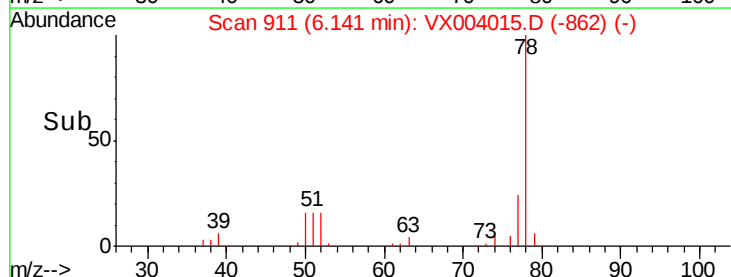
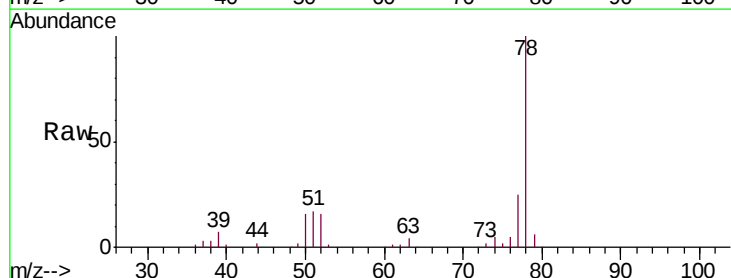
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCO

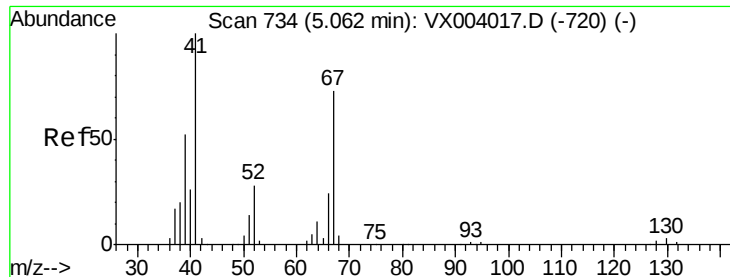
Tgt Ion: 83 Resp: 16683
Ion Ratio Lower Upper
83 100
55 75.0 60.8 91.2
98 46.7 39.0 58.4



#40
Benzene
Concen: 5.129 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

Tgt Ion: 78 Resp: 67169
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.4





#41

Methacrylonitrile

Concen: 5.216 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

Tgt Ion: 41 Resp: 13900

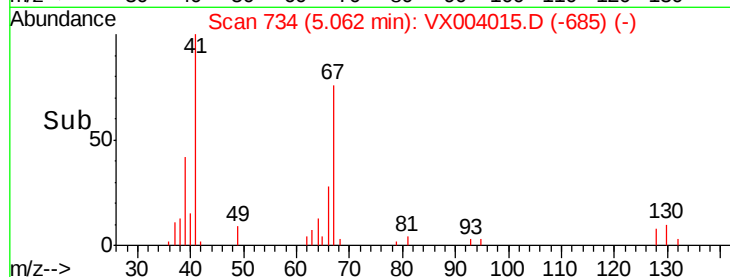
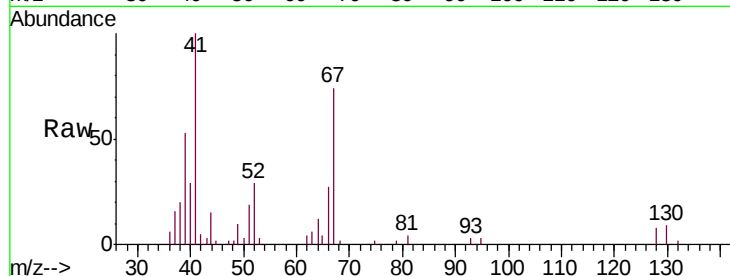
Ion Ratio Lower Upper

41 100

39 54.3 42.3 63.5

67 73.1 58.9 88.3

52 31.0 24.2 36.2

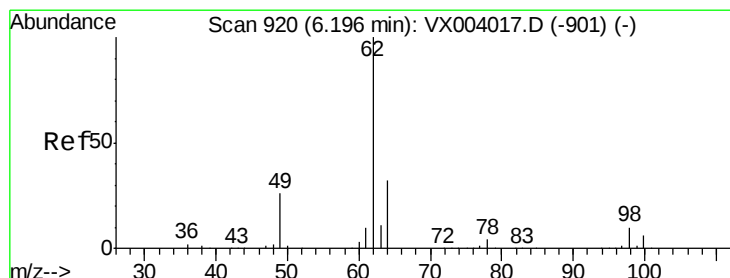
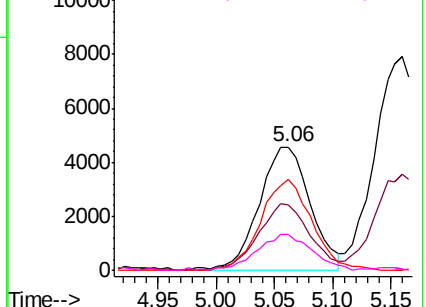


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 5.668 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.01 min

Lab File: VX004015.D

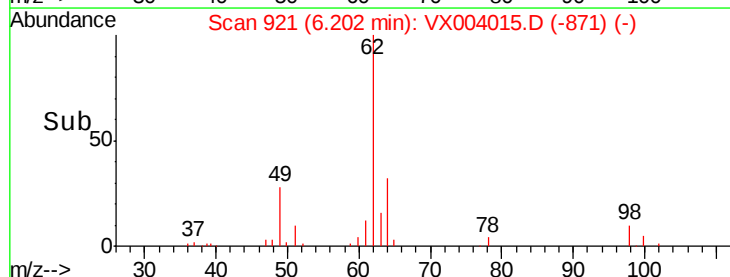
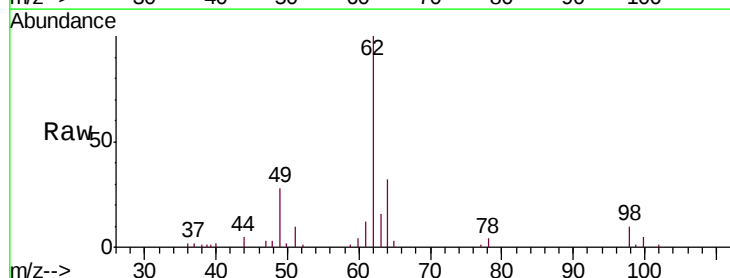
Acq: 14 Aug 2018 00:05

Tgt Ion: 62 Resp: 25469

Ion Ratio Lower Upper

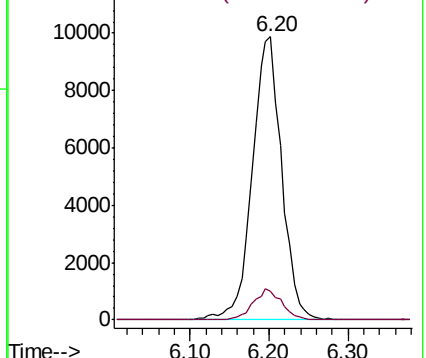
62 100

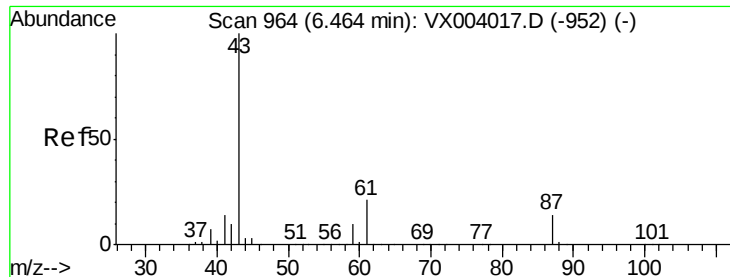
98 10.6 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.874 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

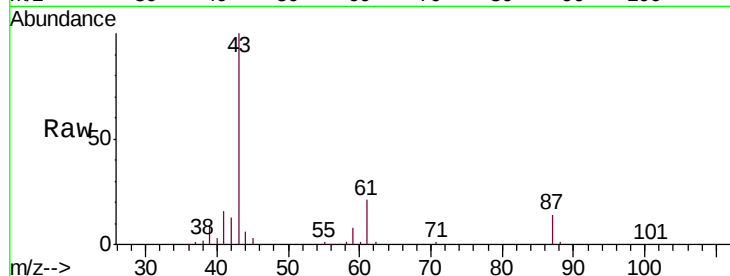
Tgt Ion: 43 Resp: 35587

Ion Ratio Lower Upper

43 100

61 20.5 16.6 24.8

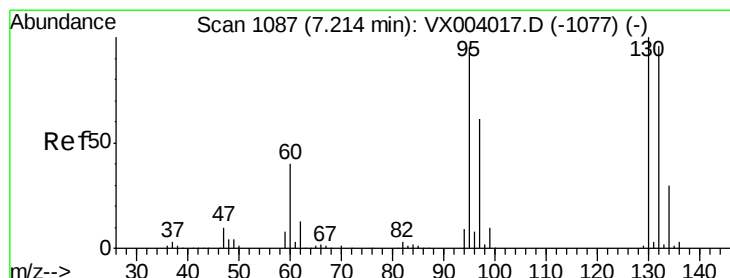
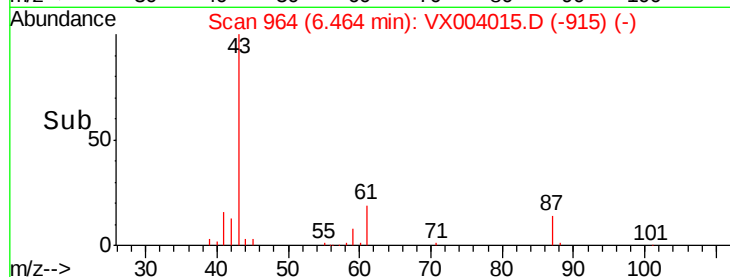
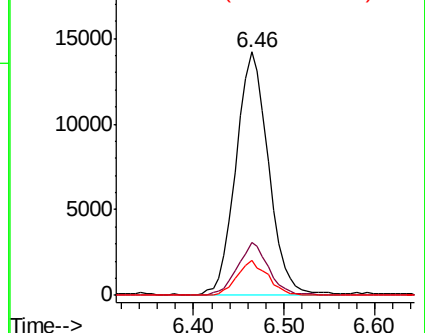
87 13.1 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 4.861 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004015.D

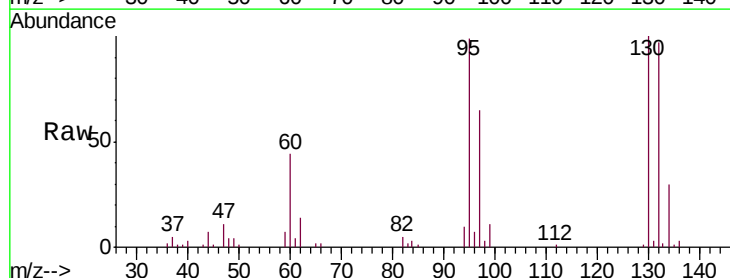
Acq: 14 Aug 2018 00:05

Tgt Ion: 130 Resp: 17248

Ion Ratio Lower Upper

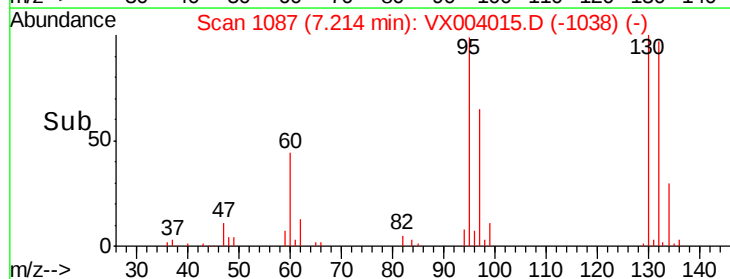
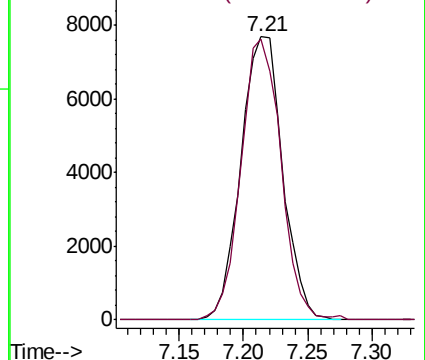
130 100

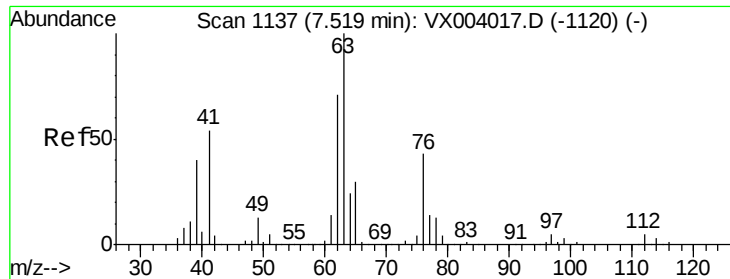
95 99.3 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 5.131 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

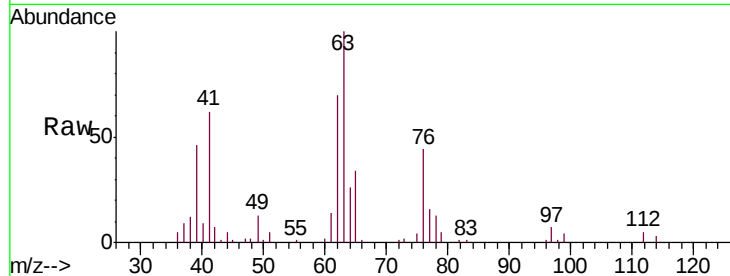
VSTDIC0

Tgt Ion: 63 Resp: 17405

Ion Ratio Lower Upper

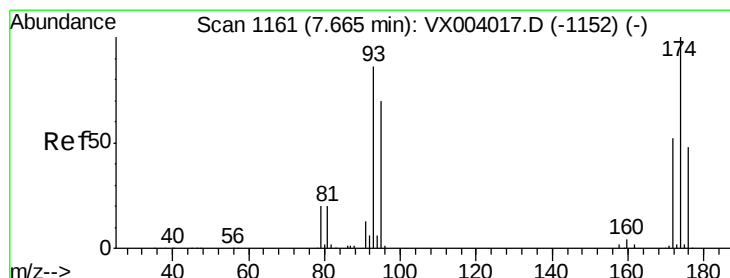
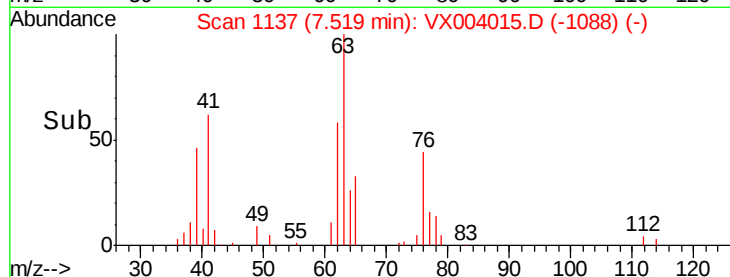
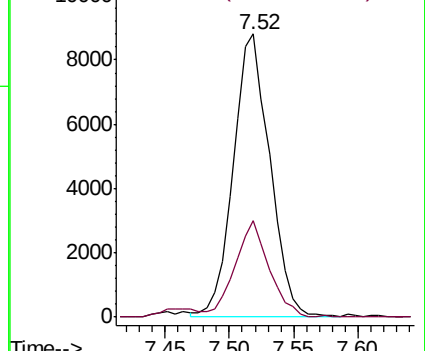
63 100

65 34.1 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 5.205 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

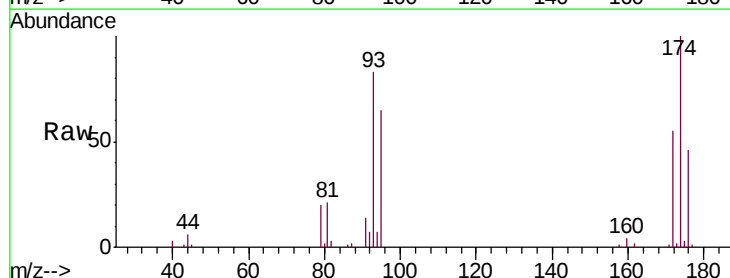
Tgt Ion: 93 Resp: 11553

Ion Ratio Lower Upper

93 100

95 83.2 66.5 99.7

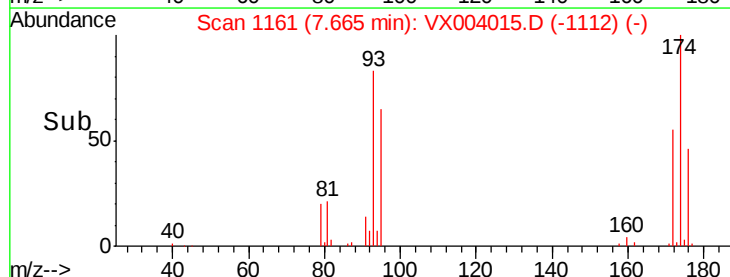
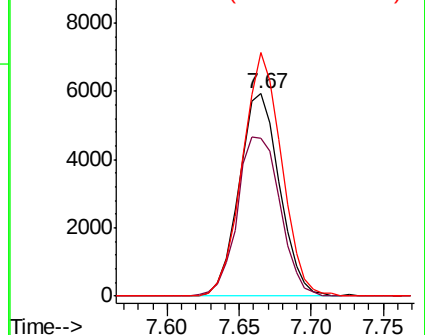
174 116.1 93.1 139.7

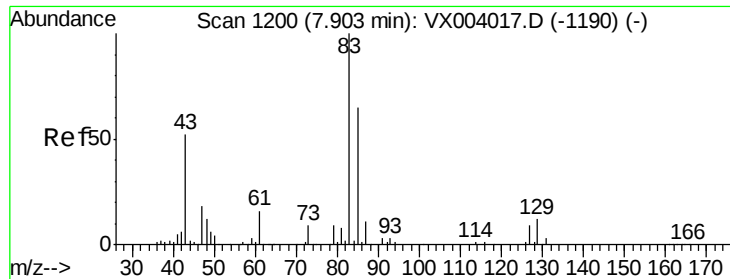


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 4.960 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

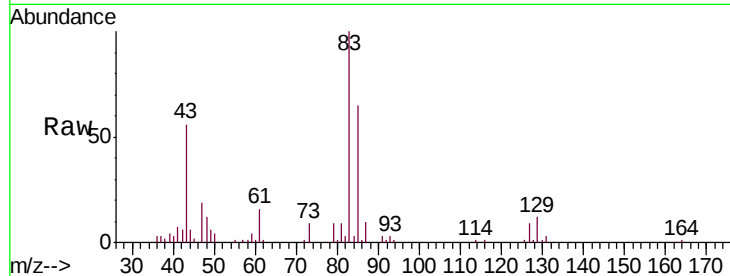
Tgt Ion: 83 Resp: 20613

Ion Ratio Lower Upper

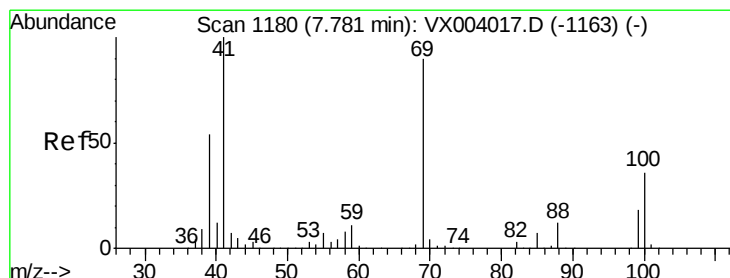
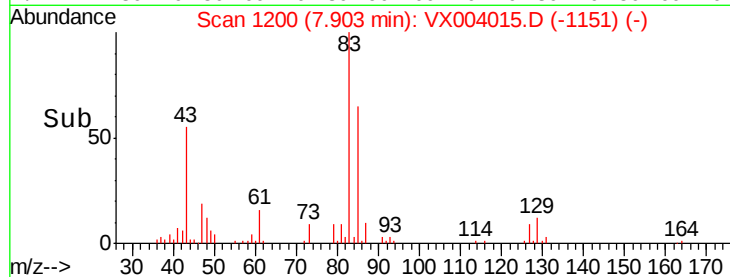
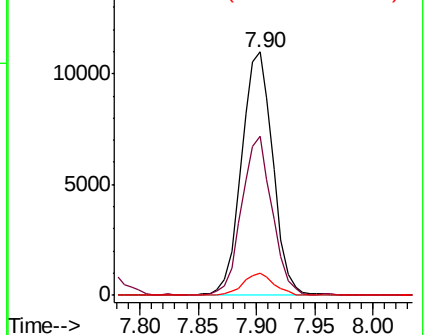
83 100

85 65.2 52.3 78.5

127 9.3 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.450 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

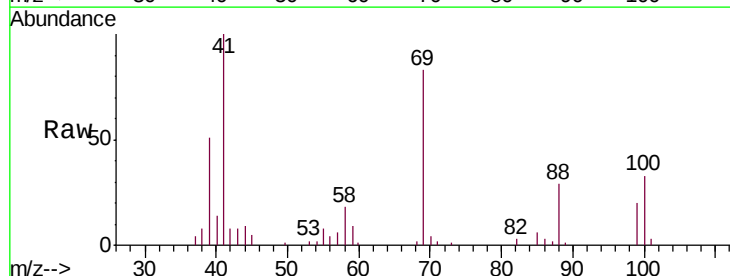
Tgt Ion: 41 Resp: 16502

Ion Ratio Lower Upper

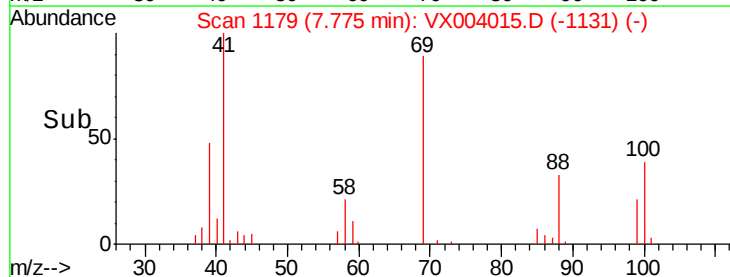
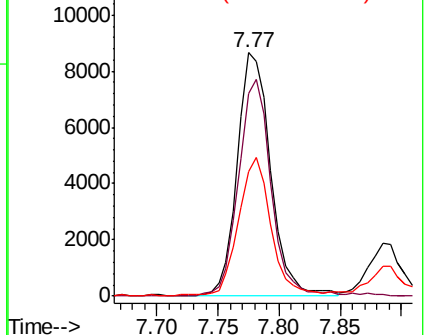
41 100

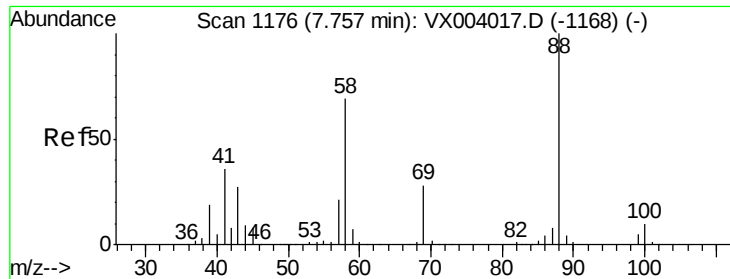
69 86.0 69.4 104.2

39 55.8 42.7 64.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

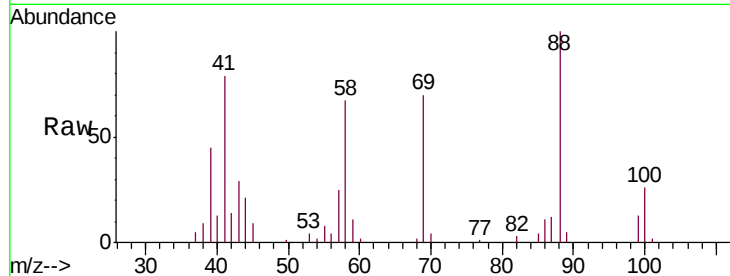




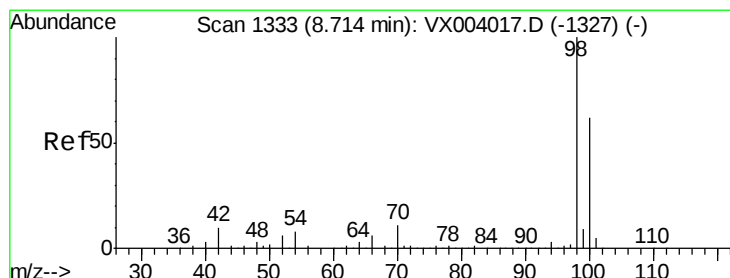
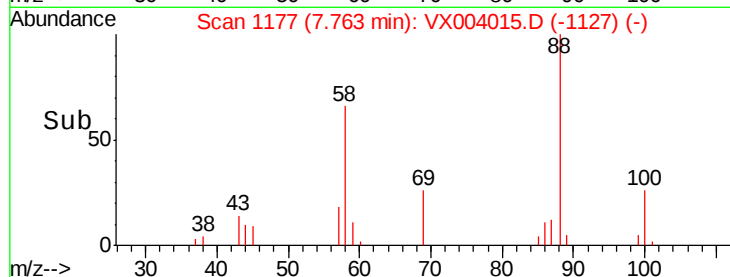
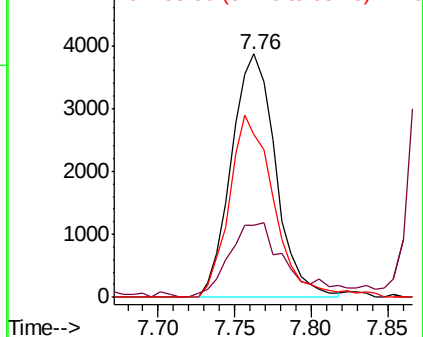
#49
 1,4-Dioxane
 Concen: 89.628 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC0

Tgt Ion: 88 Resp: 7773
 Ion Ratio Lower Upper
 88 100
 43 39.9 24.6 37.0#
 58 76.2 55.8 83.8

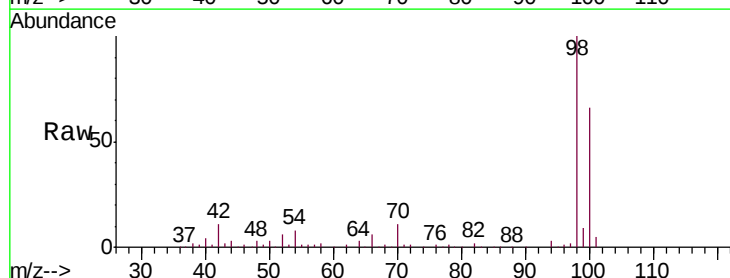


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

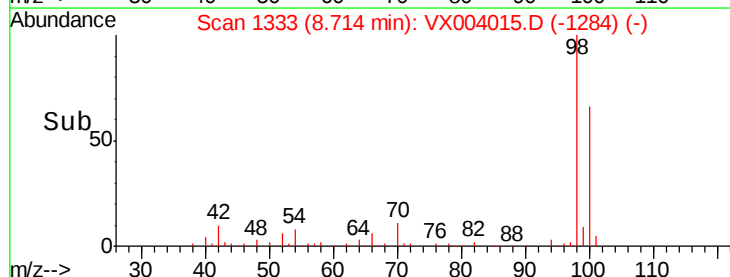
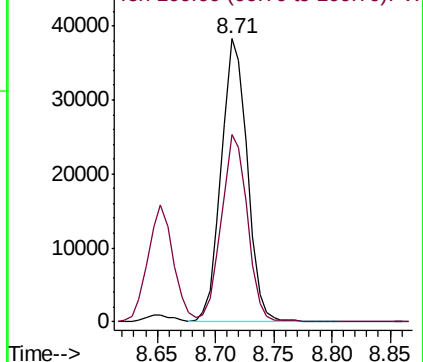


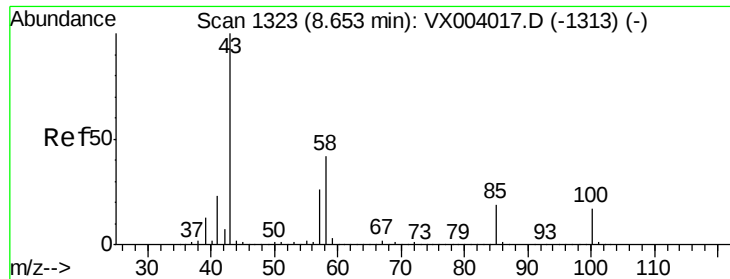
#50
 Toluene-d8
 Concen: 5.151 ug/l
 RT: 8.71 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

Tgt Ion: 98 Resp: 59093
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

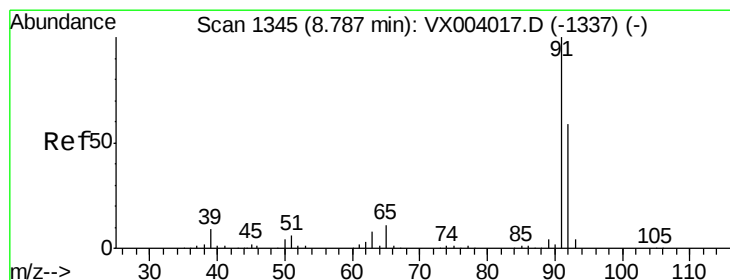
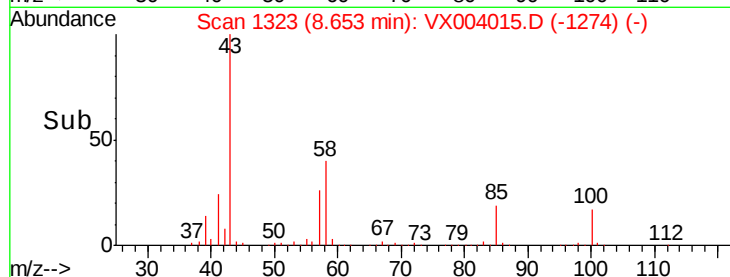
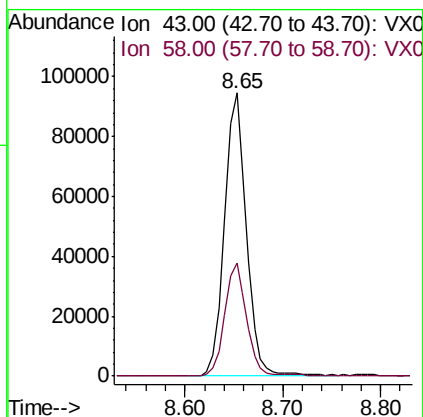
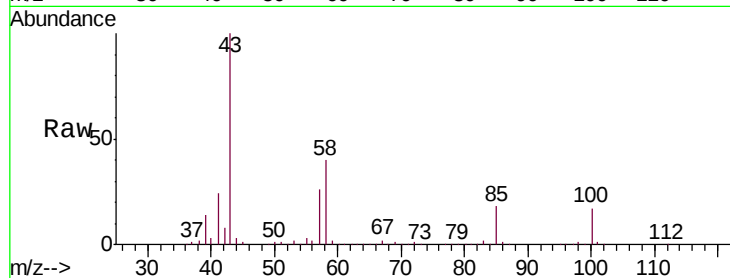




#51
4-Methyl-2-Pentanone
Concen: 24.217 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

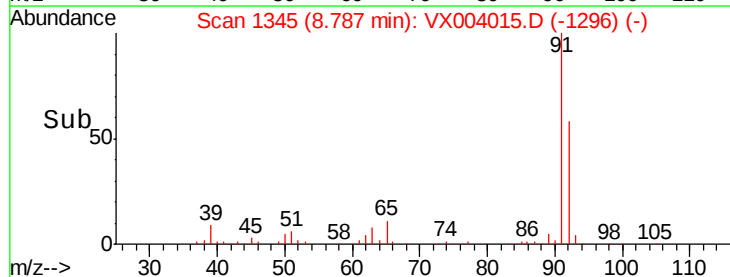
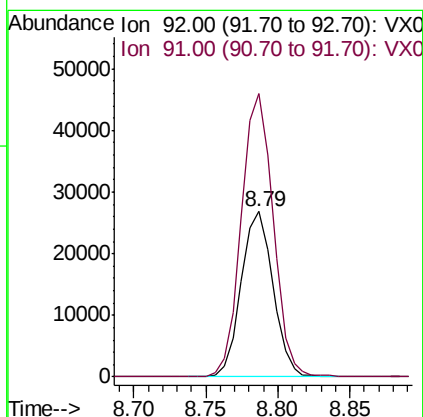
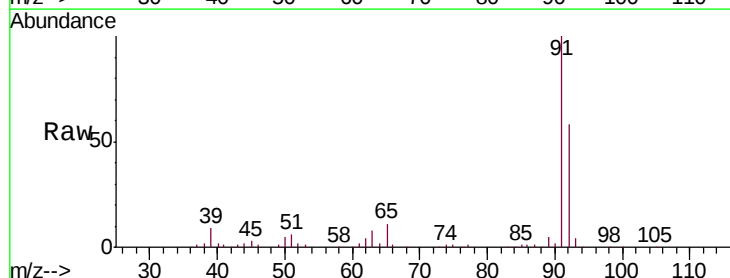
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC0

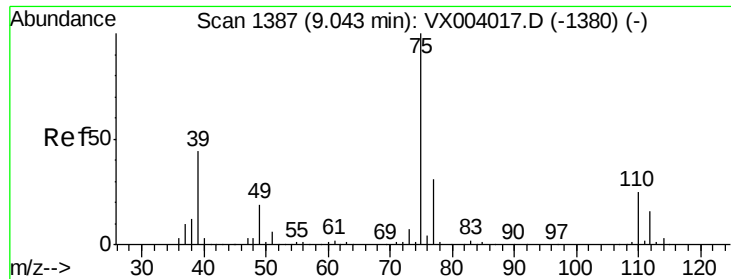
Tgt Ion: 43 Resp: 146597
Ion Ratio Lower Upper
43 100
58 39.3 33.2 49.8



#52
Toluene
Concen: 5.016 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

Tgt Ion: 92 Resp: 41323
Ion Ratio Lower Upper
92 100
91 171.7 136.4 204.6

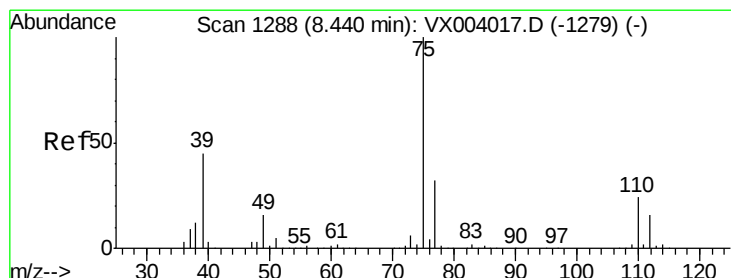
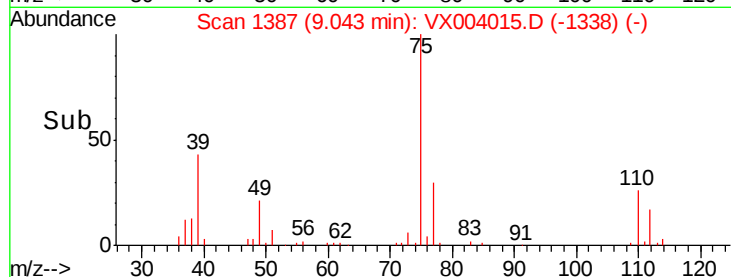
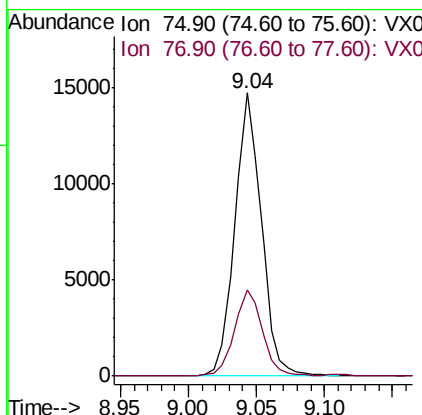
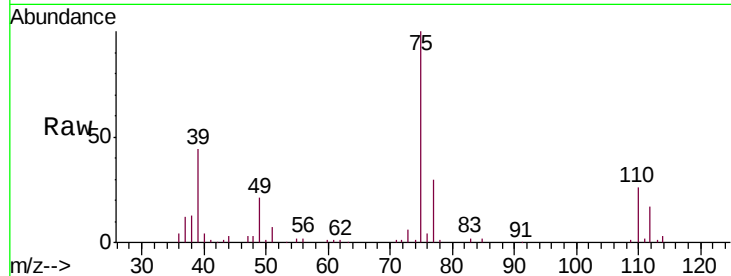




#53
 t-1,3-Dichloropropene
 Concen: 4.309 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

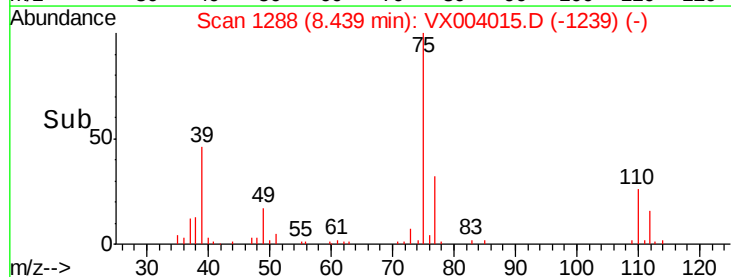
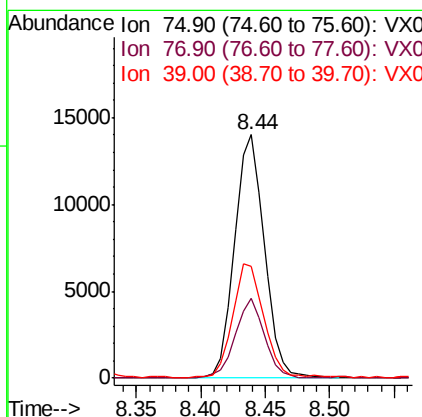
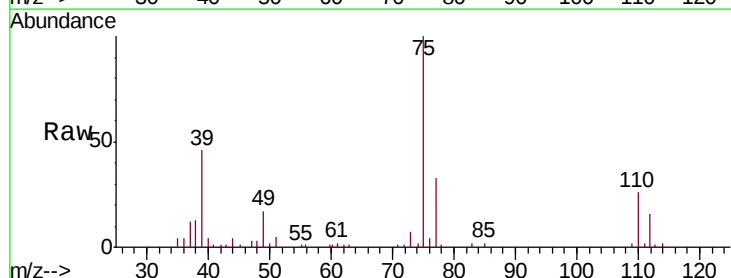
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC0

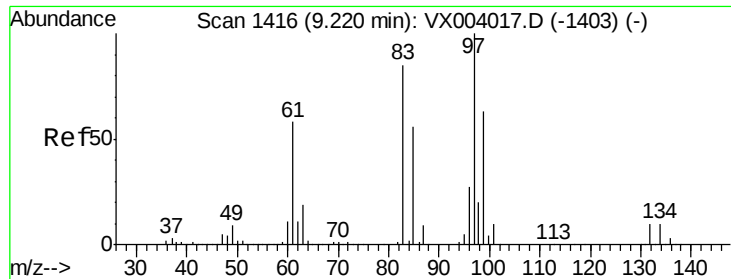
Tgt Ion: 75 Resp: 20053
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 4.506 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

Tgt Ion: 75 Resp: 22581
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.2
 39 45.4 35.6 53.4

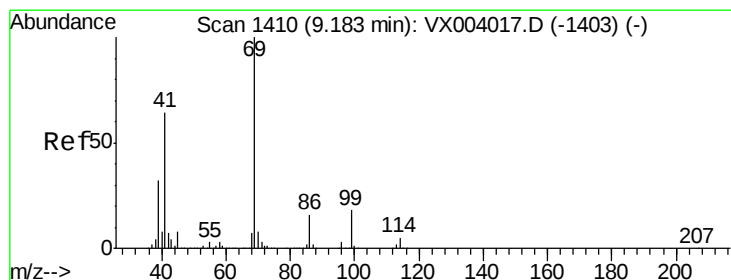
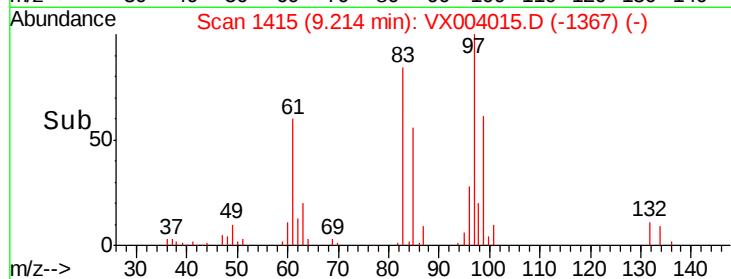
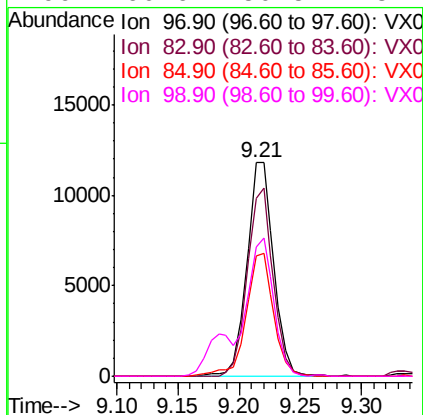
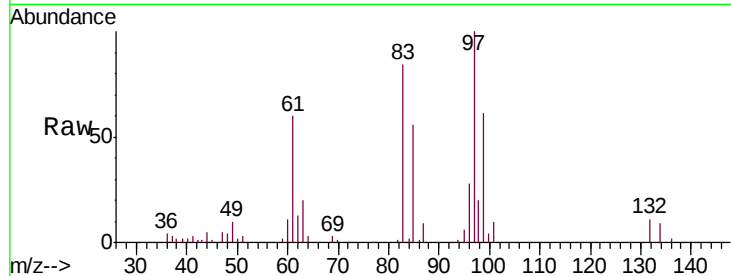




#55
 1,1,2-Trichloroethane
 Concen: 5.260 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

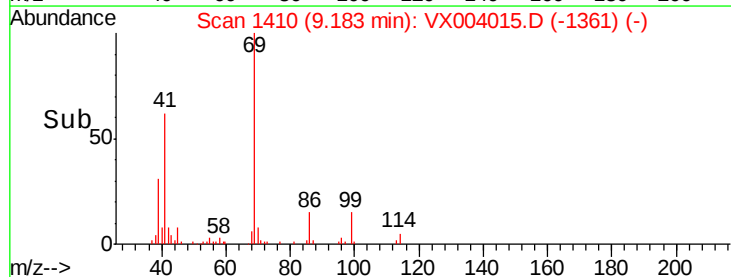
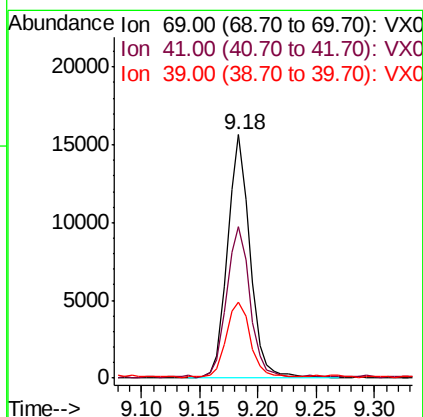
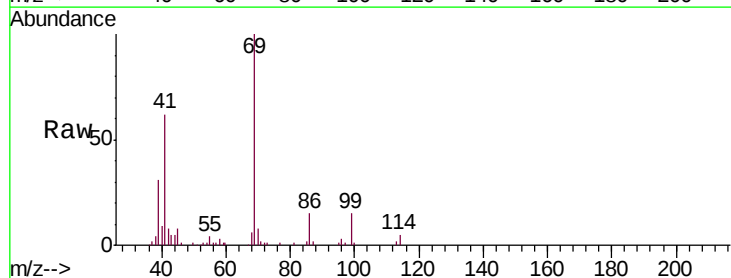
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC0

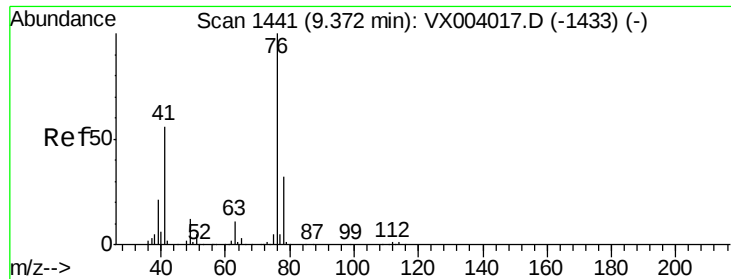
Tgt Ion:	97	Resp:	17956
Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.0	102.0
85	56.4	44.6	66.8
99	60.6	50.5	75.7



#56
 Ethyl methacrylate
 Concen: 4.266 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

Tgt Ion:	69	Resp:	21042
Ion	Ratio	Lower	Upper
69	100		
41	63.8	50.7	76.1
39	33.3	26.3	39.5

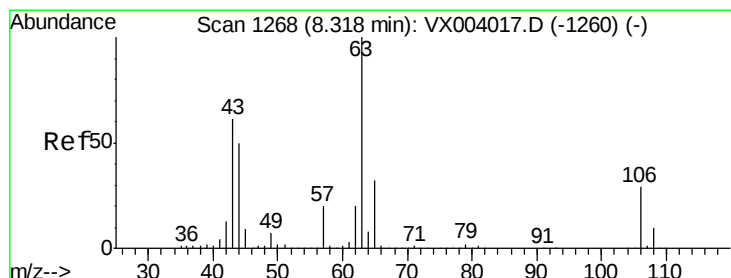
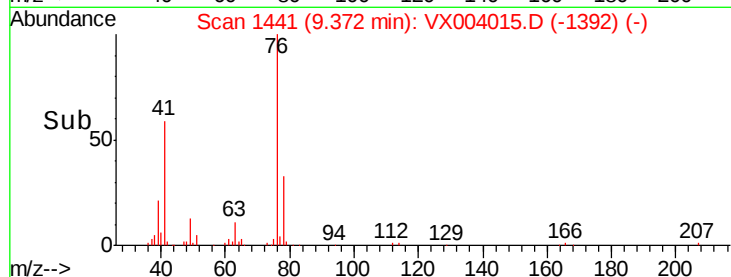
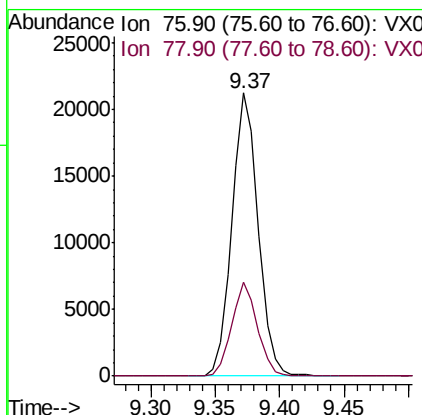
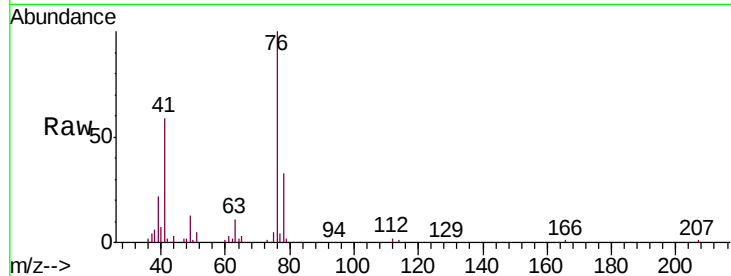




#57
 1,3-Dichloropropane
 Concen: 5.261 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

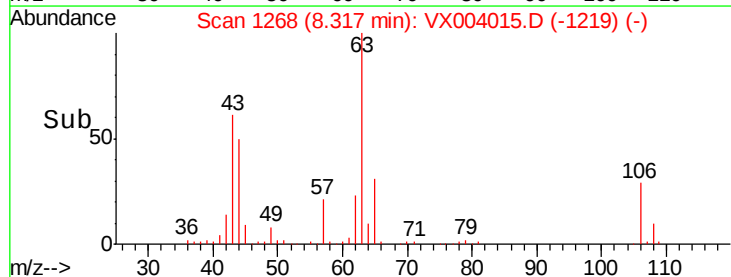
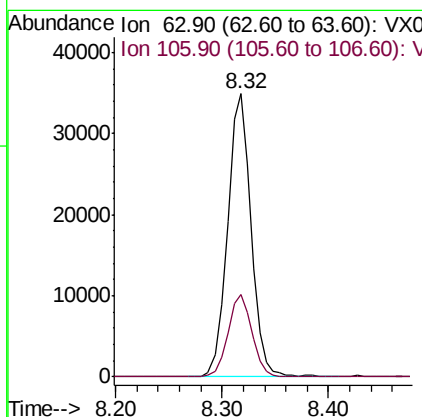
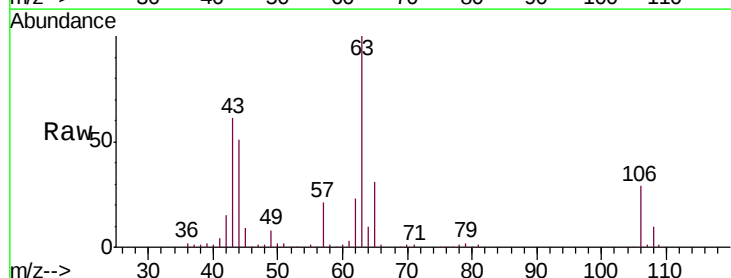
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCO

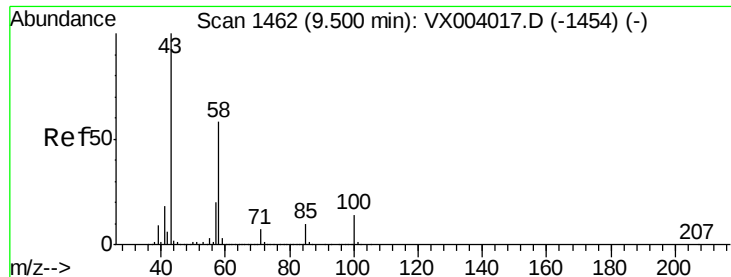
Tgt Ion: 76 Resp: 30223
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 22.049 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

Tgt Ion: 63 Resp: 53954
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.6 35.4

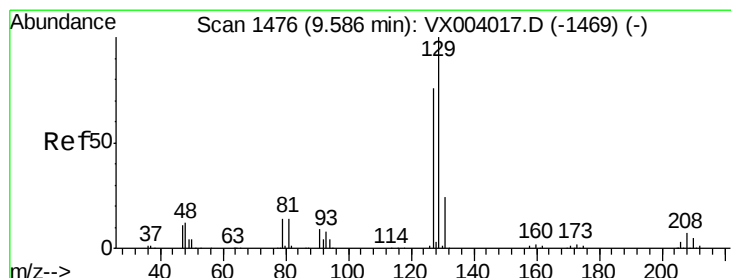
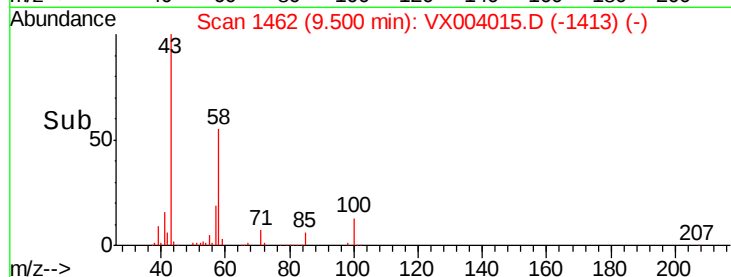
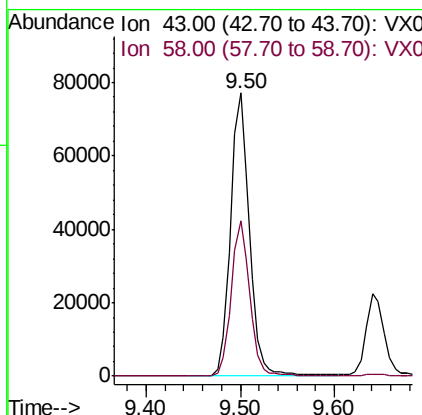
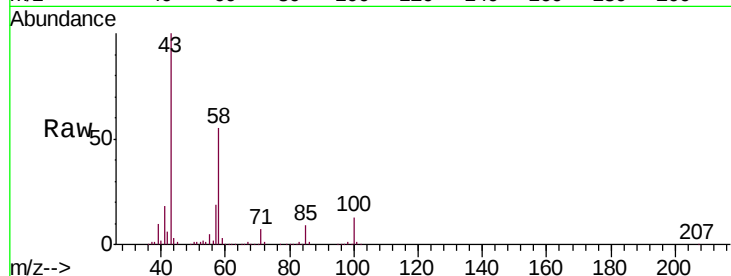




#59
2-Hexanone
Concen: 23.779 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

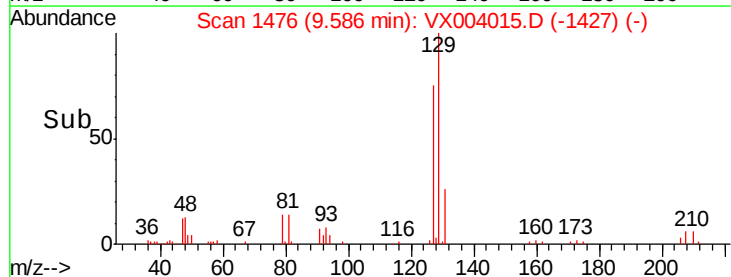
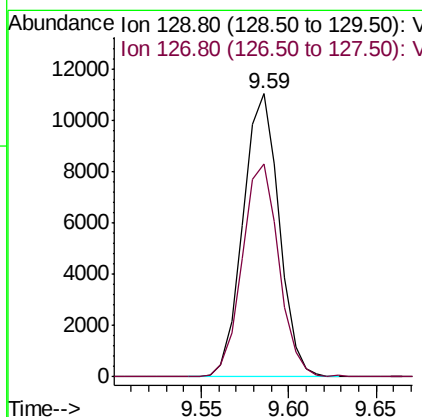
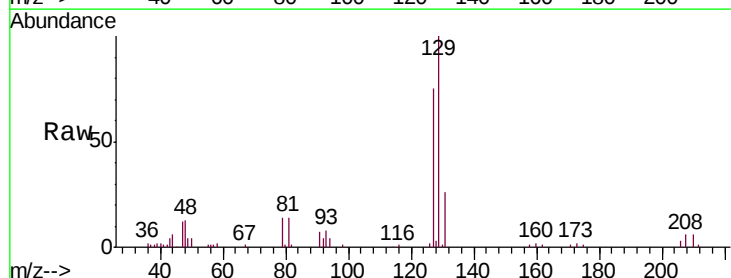
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC0

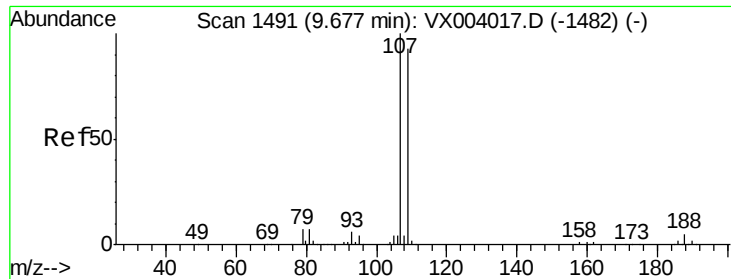
Tgt Ion: 43 Resp: 107952
Ion Ratio Lower Upper
43 100
58 53.9 28.8 86.5



#60
Dibromochloromethane
Concen: 4.958 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

Tgt Ion: 129 Resp: 15816
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 5.374 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

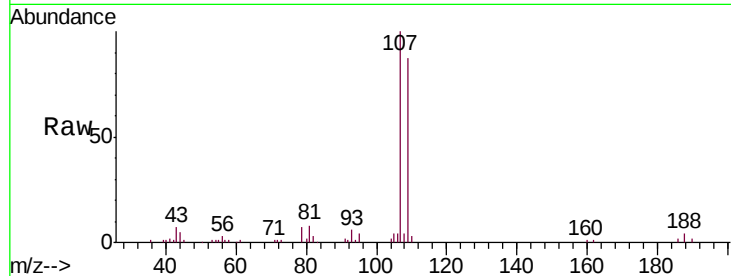
VSTDIC0

Tgt Ion:107 Resp: 18552

Ion Ratio Lower Upper

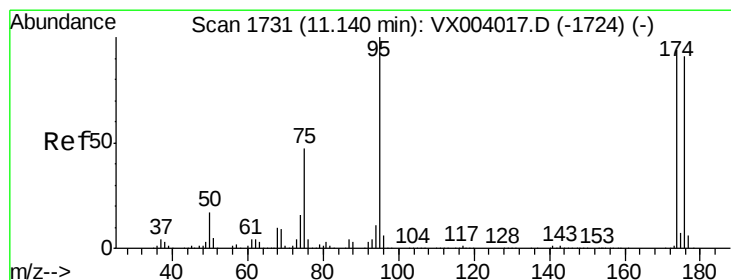
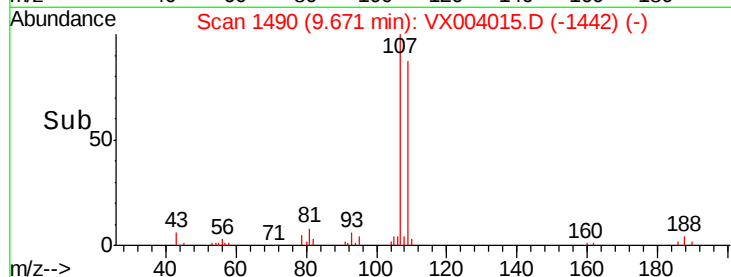
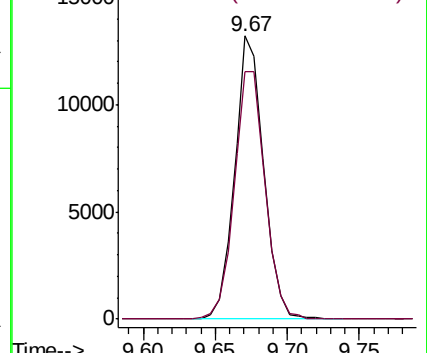
107 100

109 93.0 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.153 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

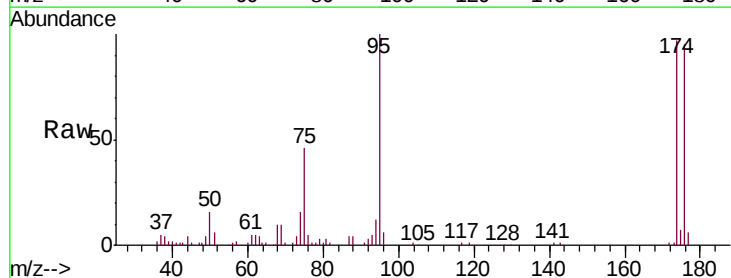
Tgt Ion: 95 Resp: 19943

Ion Ratio Lower Upper

95 100

174 94.2 0.0 182.8

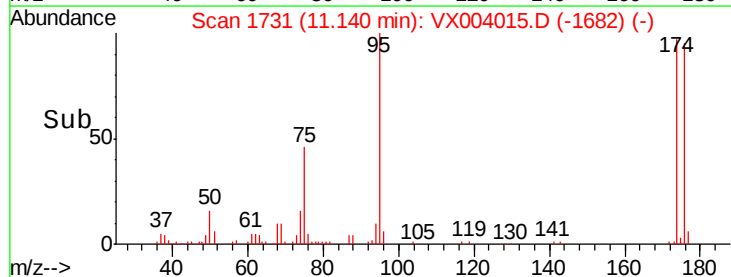
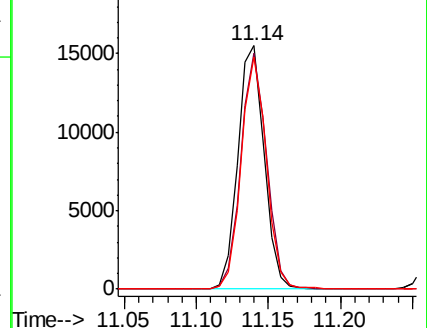
176 90.7 0.0 177.2

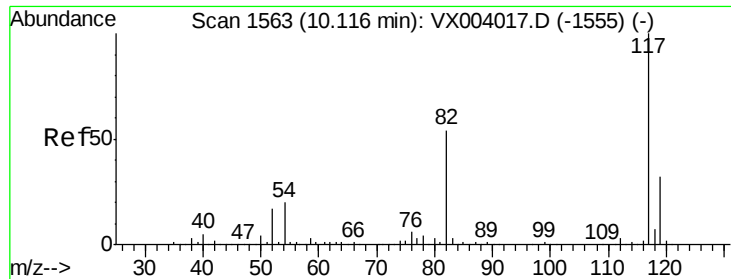


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

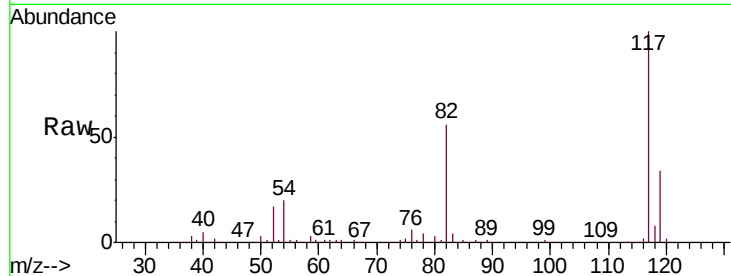




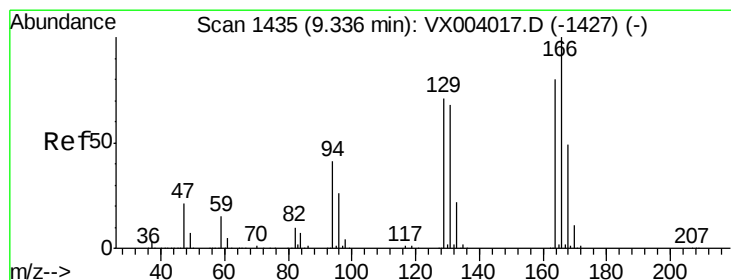
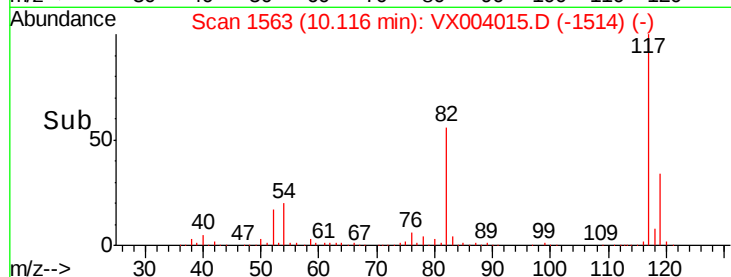
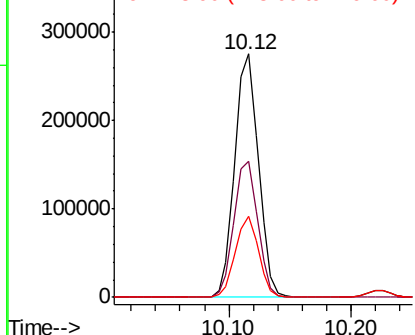
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC0

Tgt Ion:117 Resp: 367580
Ion Ratio Lower Upper
117 100
82 56.1 42.9 64.3
119 33.6 25.7 38.5

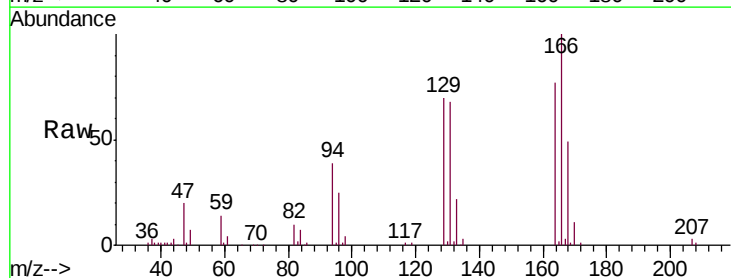


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

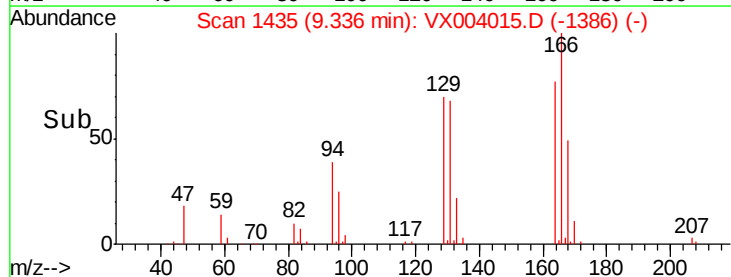
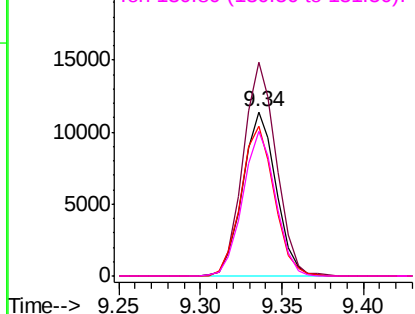


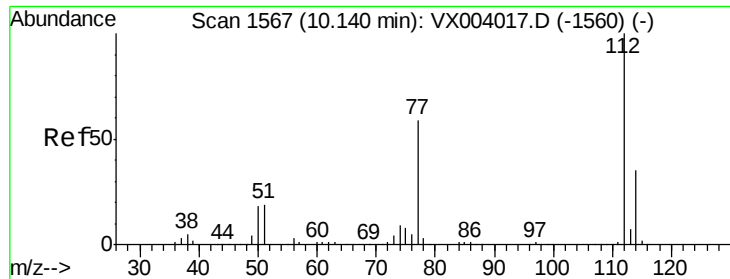
#64
Tetrachloroethene
Concen: 4.599 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

Tgt Ion:164 Resp: 16277
Ion Ratio Lower Upper
164 100
166 130.3 99.5 149.3
129 91.2 70.4 105.6
131 88.4 67.9 101.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

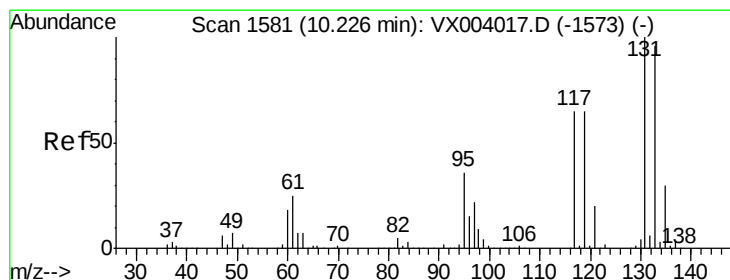
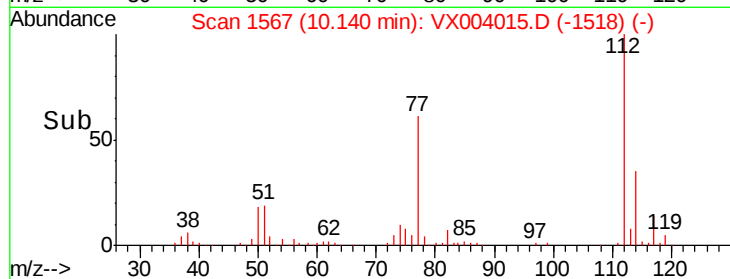
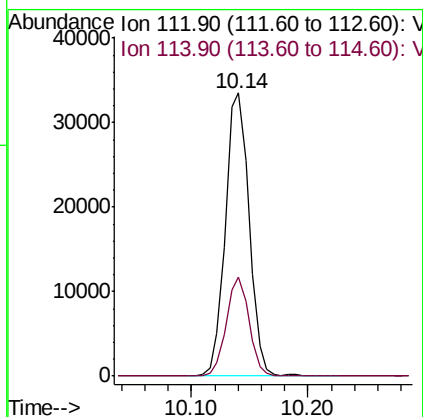
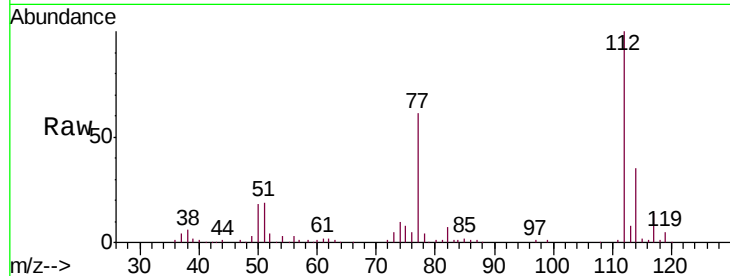




#65
Chlorobenzene
Concen: 5.043 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

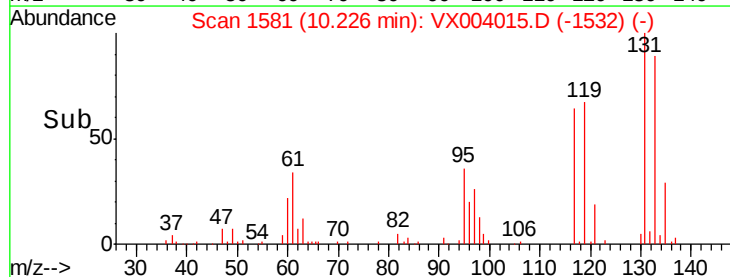
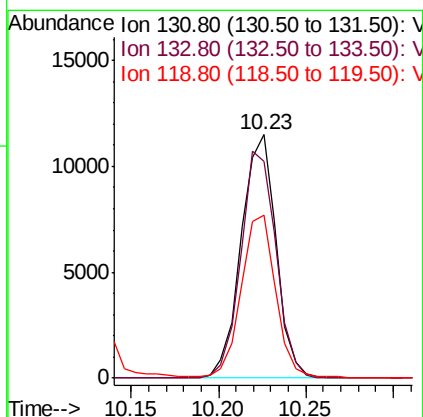
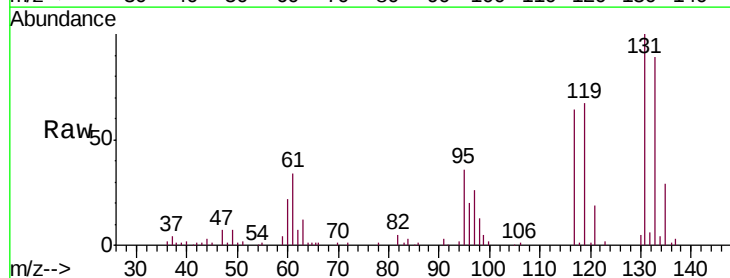
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC0

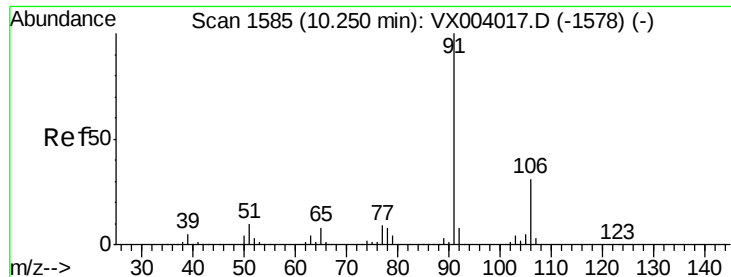
Tgt Ion:112 Resp: 47478
Ion Ratio Lower Upper
112 100
114 35.0 27.6 41.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.883 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

Tgt Ion:131 Resp: 15909
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.7
119 66.7 32.0 96.0

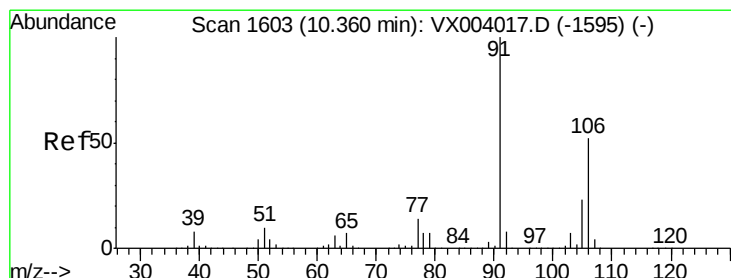
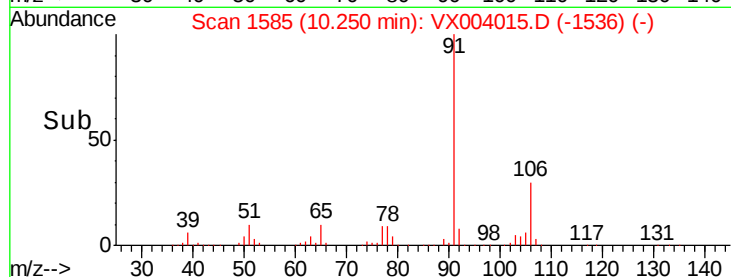
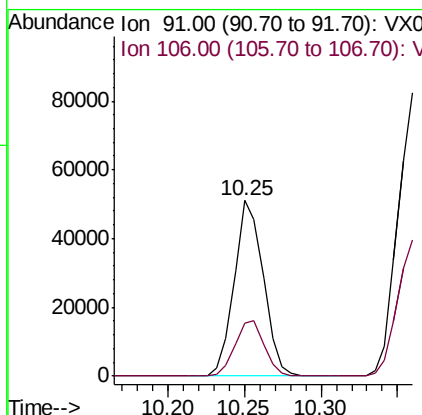
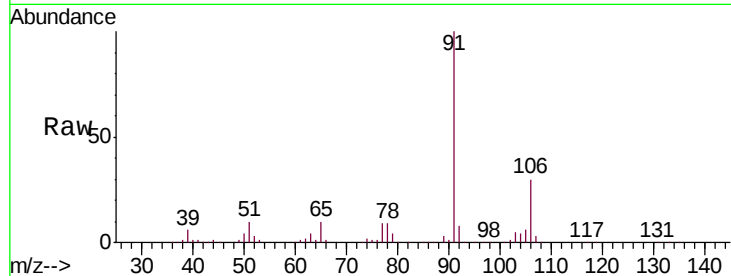




#67
Ethyl Benzene
Concen: 4.406 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

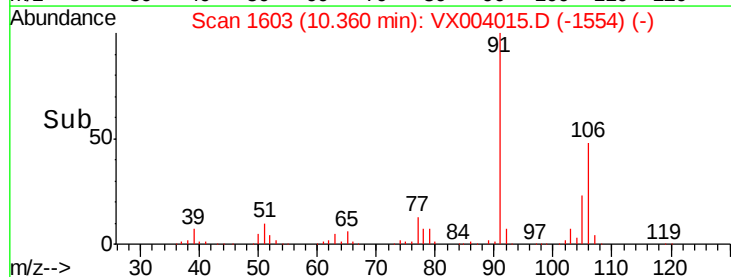
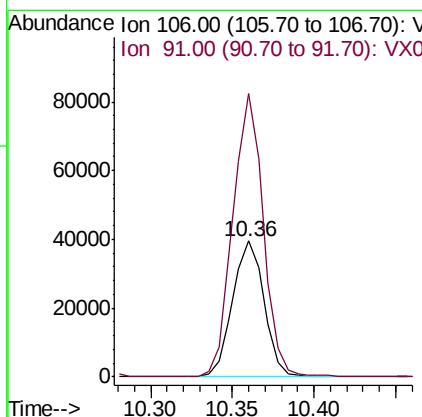
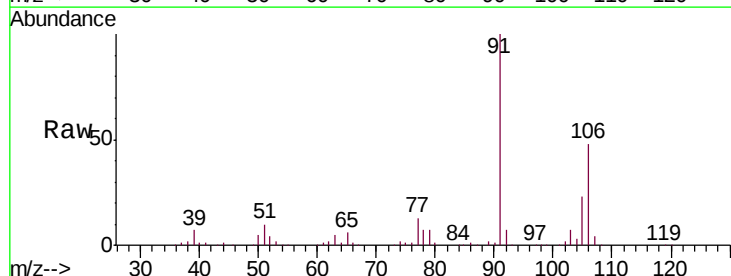
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC0

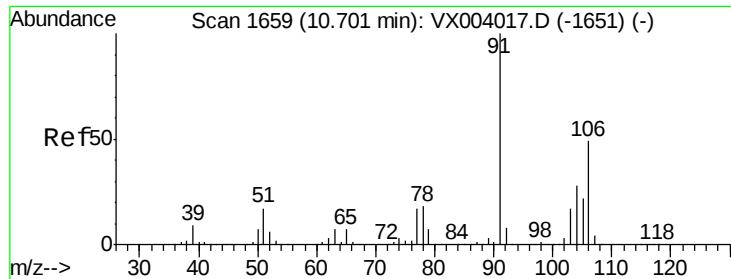
Tgt Ion: 91 Resp: 67699
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7



#68
m/p-Xylenes
Concen: 8.802 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

Tgt Ion: 106 Resp: 53062
Ion Ratio Lower Upper
106 100
91 201.7 155.0 232.6

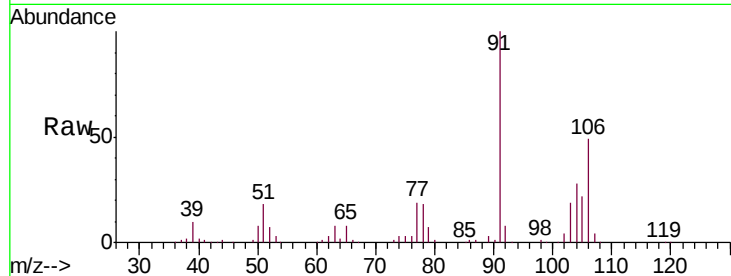




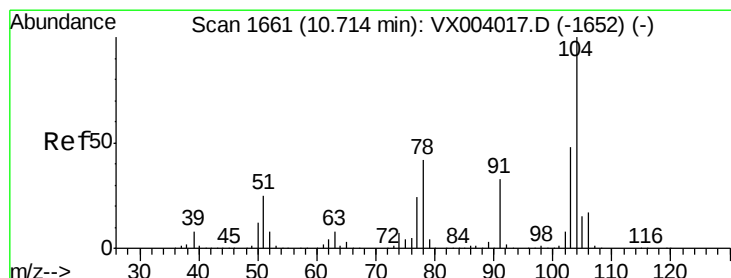
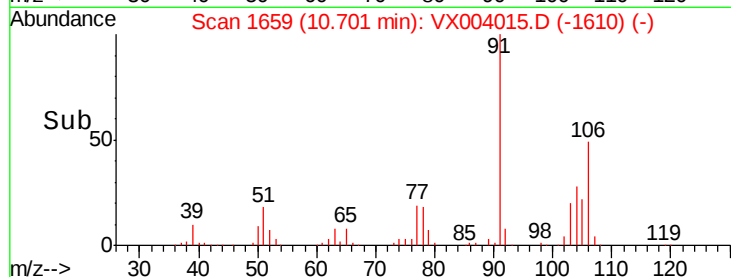
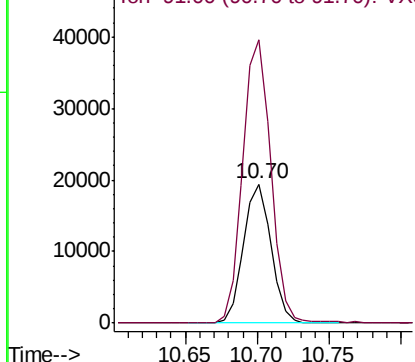
#69
o-Xylene
Concen: 4.500 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC0

Tgt Ion:106 Resp: 25732
Ion Ratio Lower Upper
106 100
91 208.3 103.6 310.9

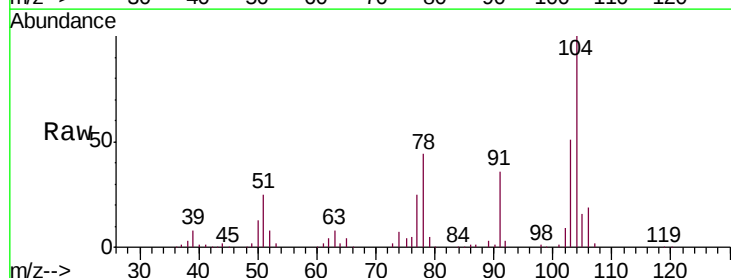


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

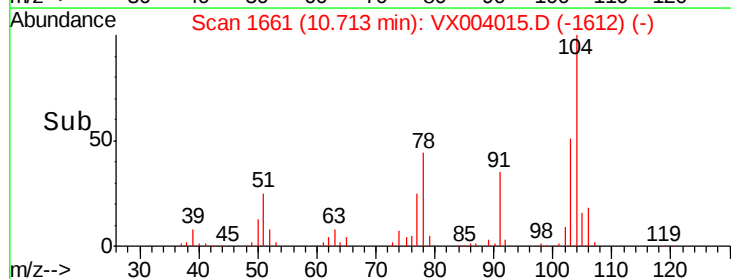
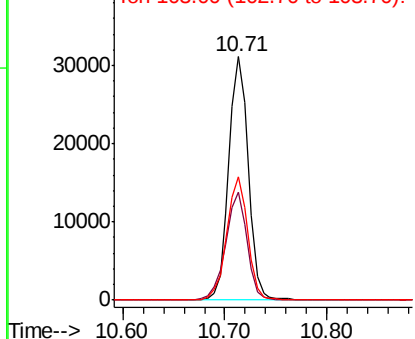


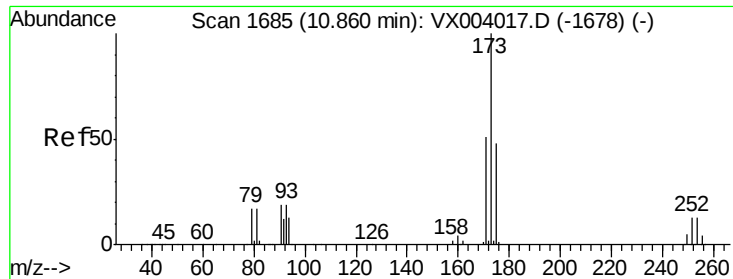
#70
Styrene
Concen: 4.347 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

Tgt Ion:104 Resp: 41121
Ion Ratio Lower Upper
104 100
78 48.7 37.5 56.3
103 54.2 42.0 63.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

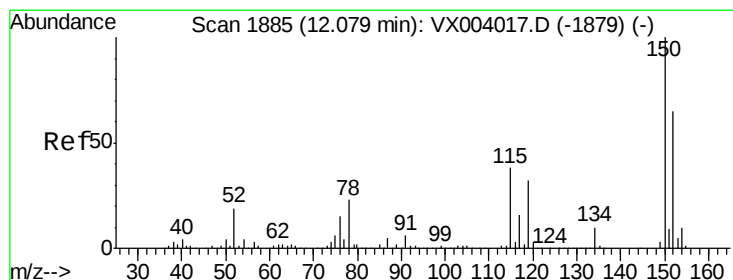
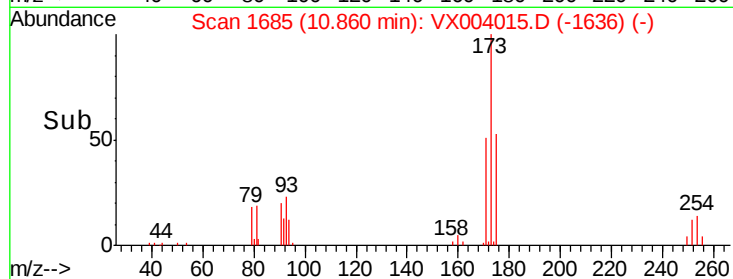
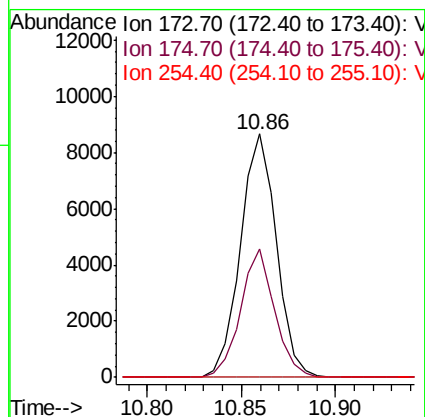
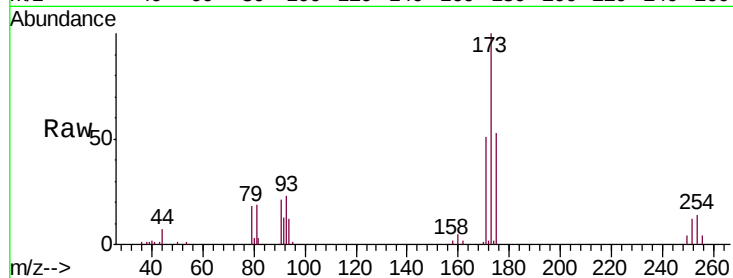




#71
Bromoform
Concen: 4.642 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

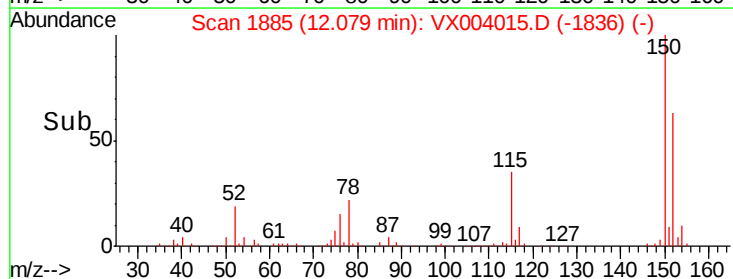
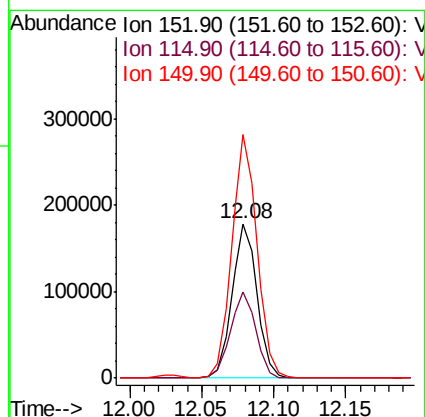
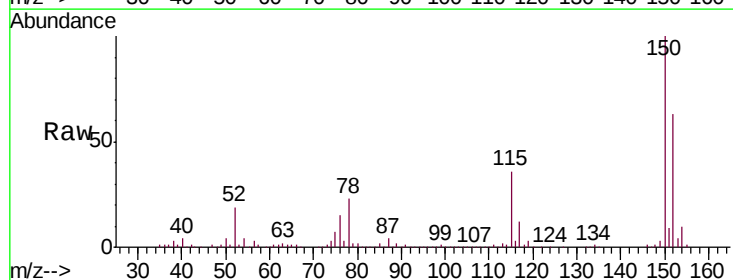
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC0

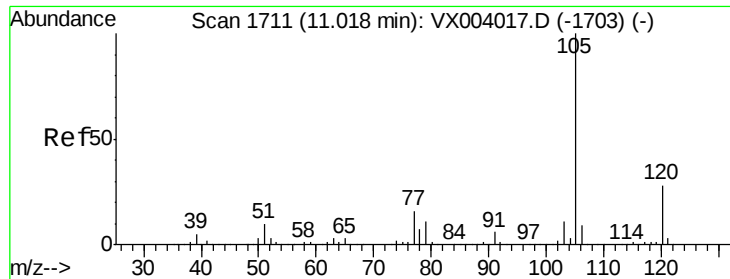
Tgt Ion:173 Resp: 11448
Ion Ratio Lower Upper
173 100
175 49.7 24.5 73.5
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

Tgt Ion:152 Resp: 216604
Ion Ratio Lower Upper
152 100
115 57.5 37.3 111.8
150 159.9 0.0 346.8





#73

Isopropylbenzene

Concen: 4.150 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

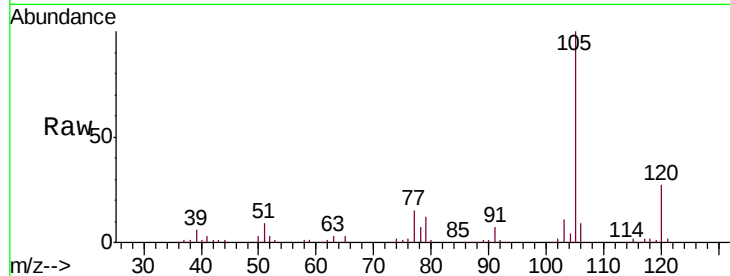
VSTDICCO

Tgt Ion:105 Resp: 63968

Ion Ratio Lower Upper

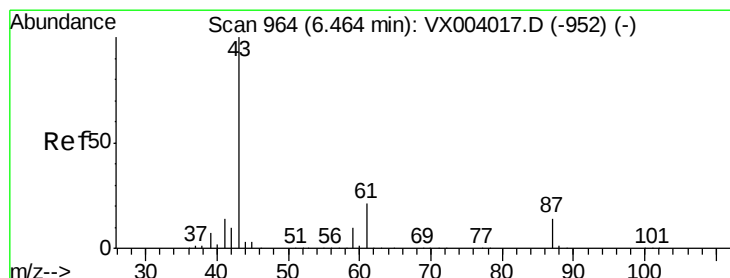
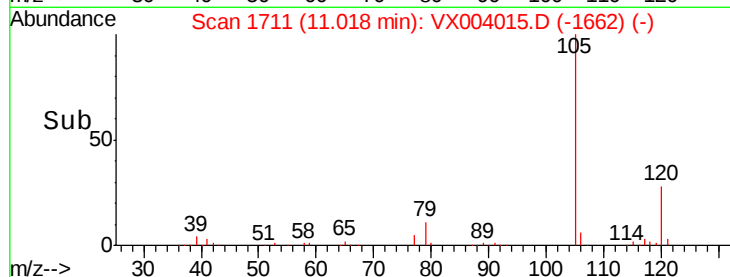
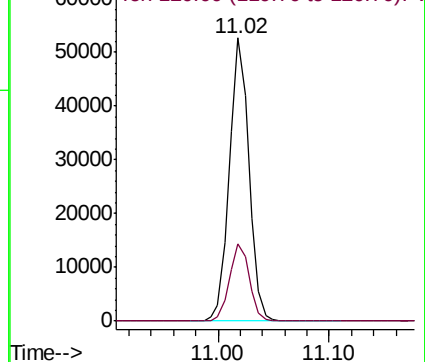
105 100

120 27.6 13.8 41.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.359 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Tgt Ion: 43 Resp: 35587

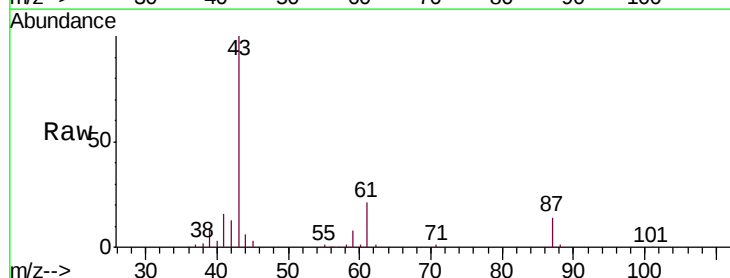
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.3 0.1 0.1#

61 20.5 16.6 24.8

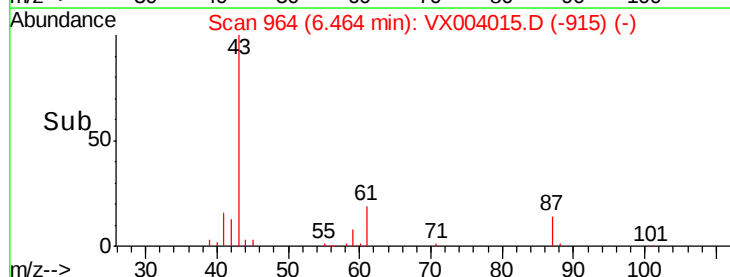
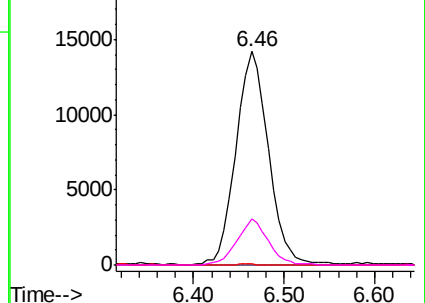


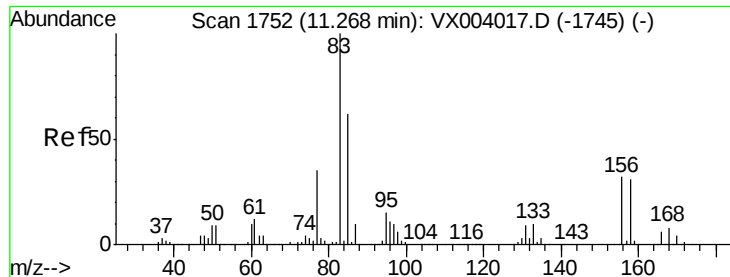
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.027 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

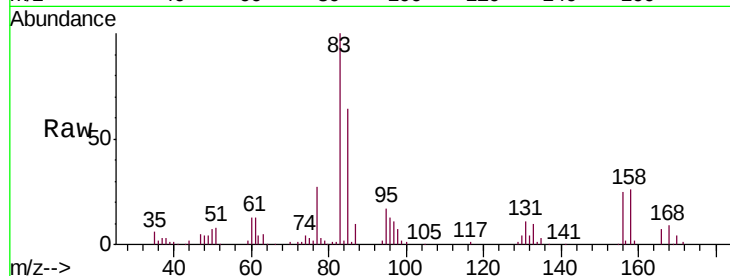
Tgt Ion: 83 Resp: 27710

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

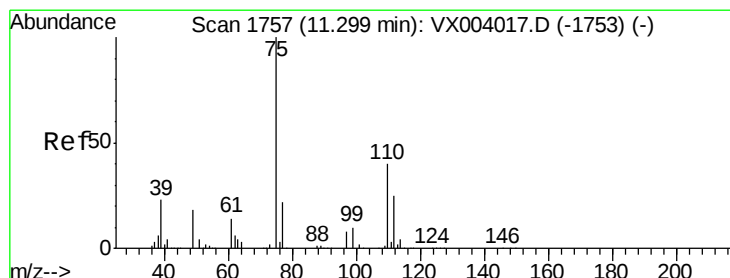
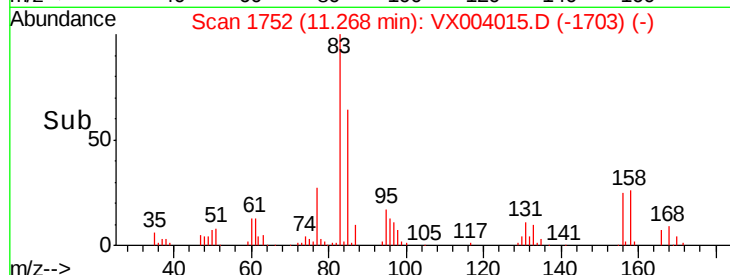
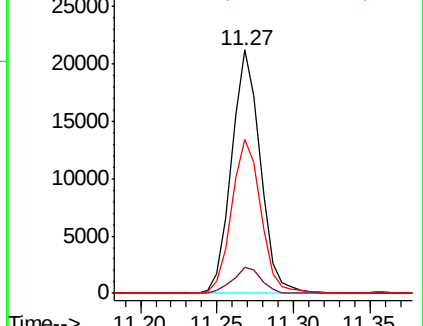
85 64.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 5.892 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004015.D

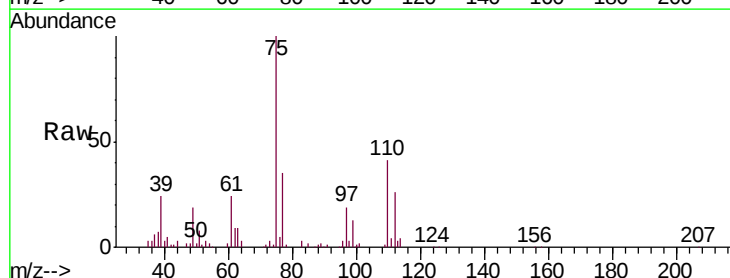
Acq: 14 Aug 2018 00:05

Tgt Ion: 75 Resp: 28300

Ion Ratio Lower Upper

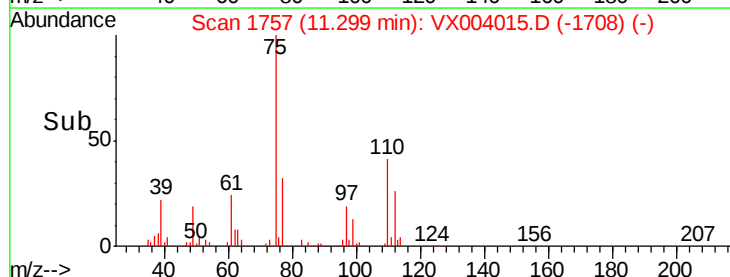
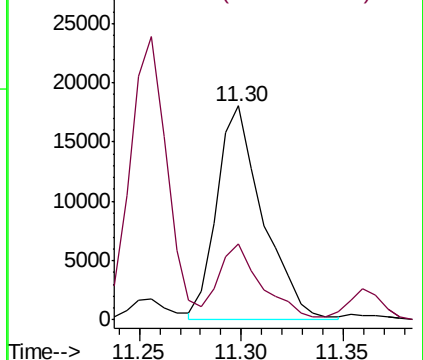
75 100

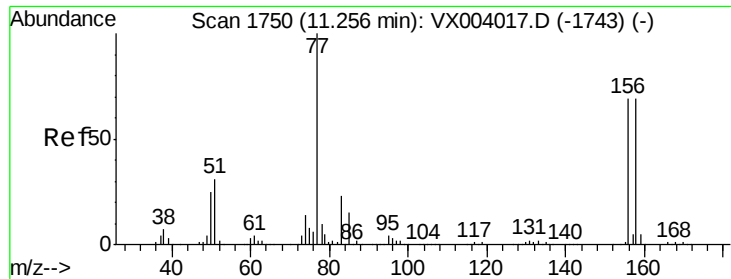
77 32.5 19.8 59.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 4.770 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

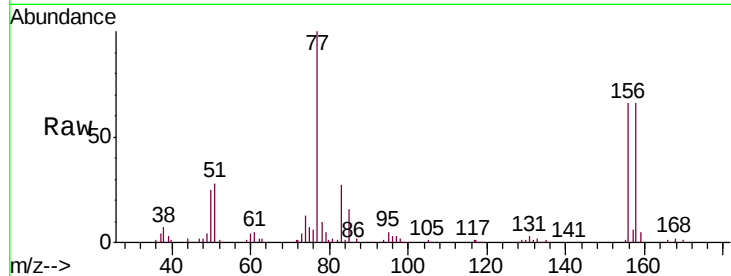
Tgt Ion:156 Resp: 20353

Ion Ratio Lower Upper

156 100

77 148.3 73.1 219.3

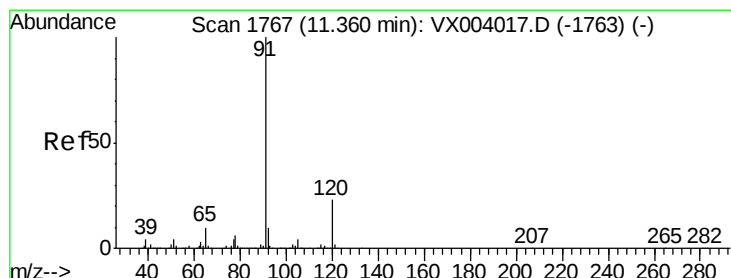
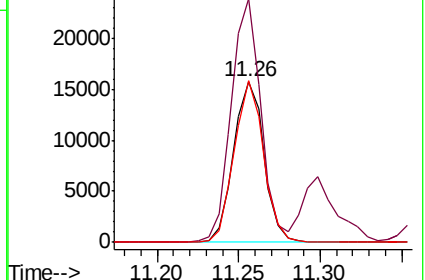
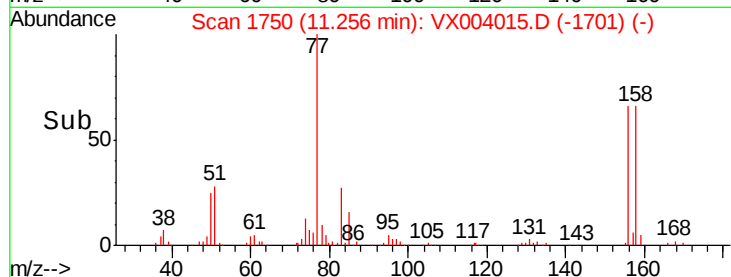
158 97.7 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.011 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004015.D

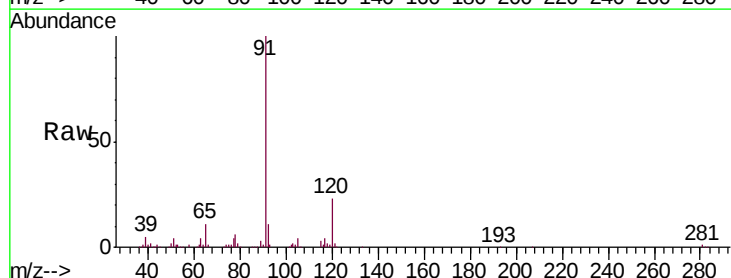
Acq: 14 Aug 2018 00:05

Tgt Ion: 91 Resp: 70500

Ion Ratio Lower Upper

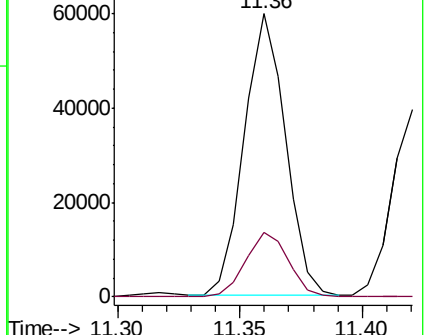
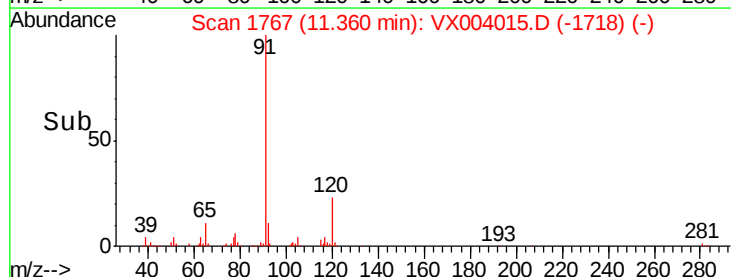
91 100

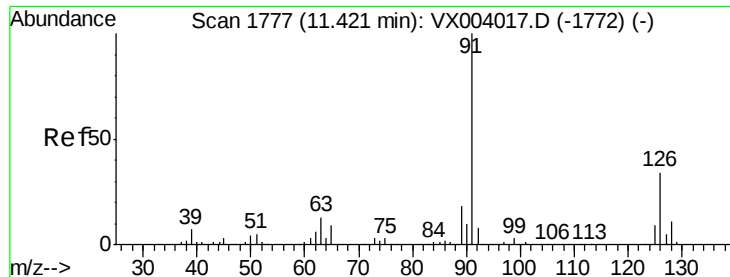
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

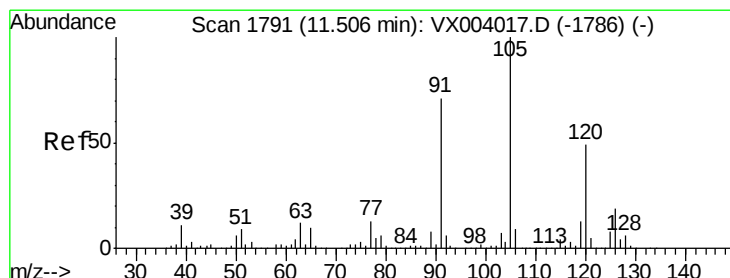
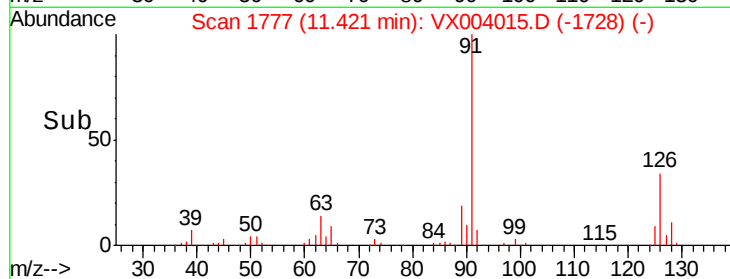
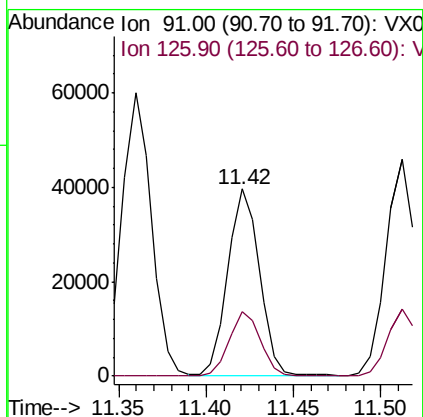
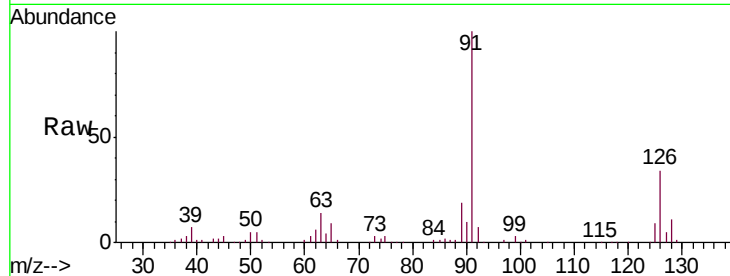




#79
 2-Chlorotoluene
 Concen: 4.560 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

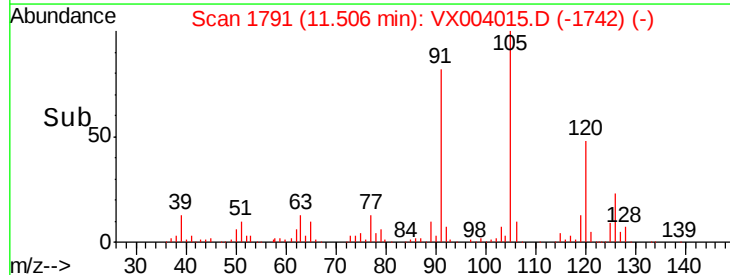
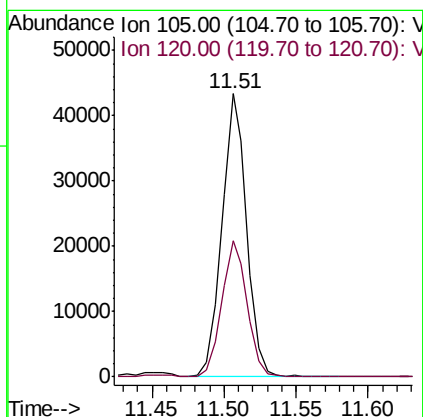
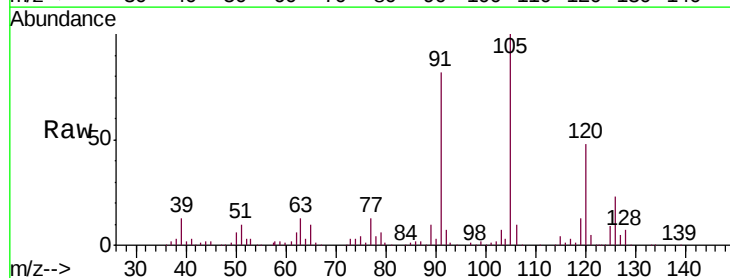
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCO

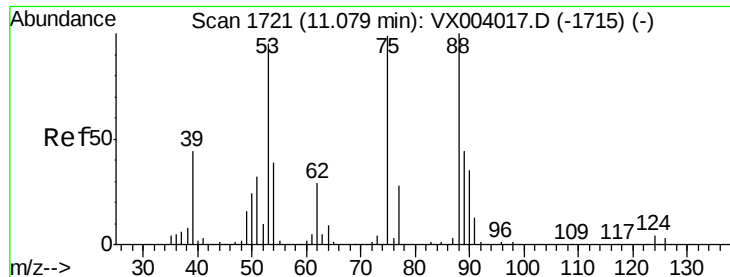
Tgt Ion: 91 Resp: 49446
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 4.083 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

Tgt Ion: 105 Resp: 52299
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 3.564 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCO

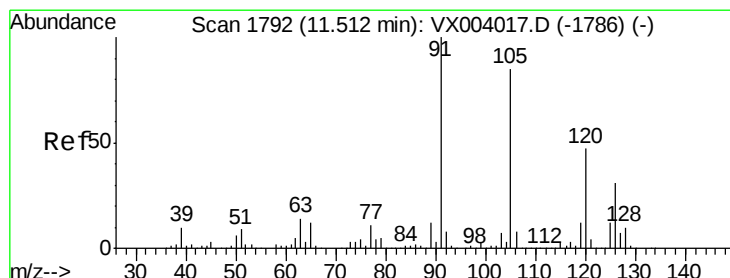
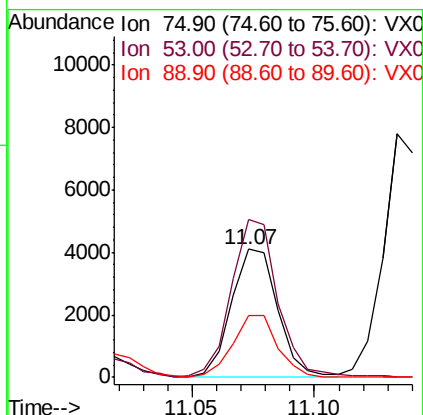
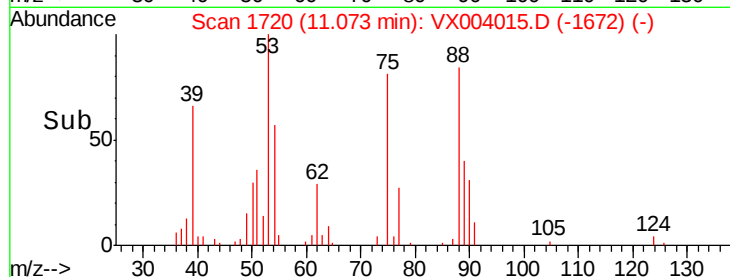
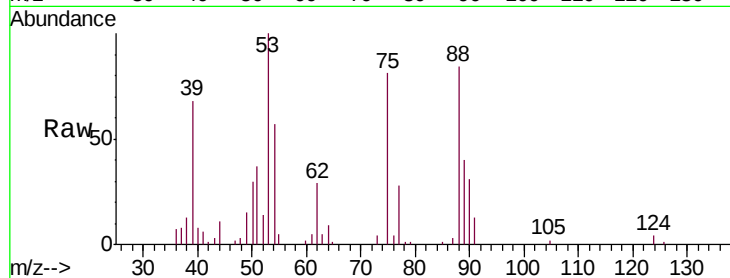
Tgt Ion: 75 Resp: 5458

Ion Ratio Lower Upper

75 100

53 123.5 81.0 121.6#

89 46.7 36.3 54.5



#82

4-Chlorotoluene

Concen: 4.304 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004015.D

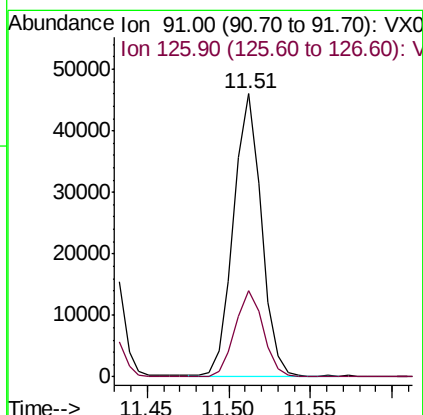
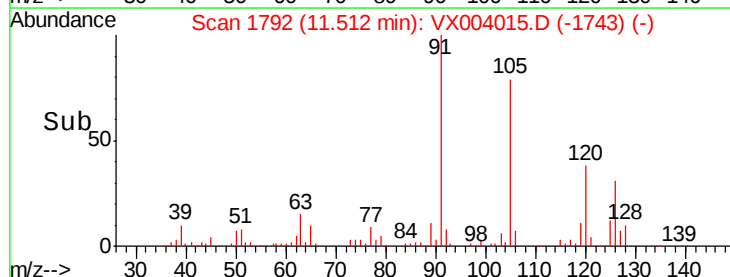
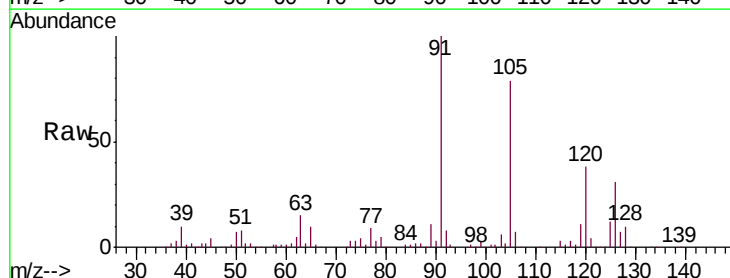
Acq: 14 Aug 2018 00:05

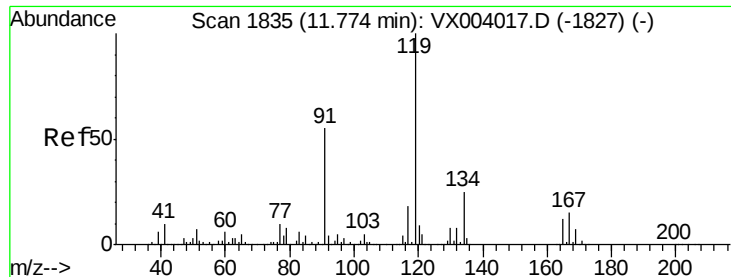
Tgt Ion: 91 Resp: 54612

Ion Ratio Lower Upper

91 100

126 31.1 15.7 47.1

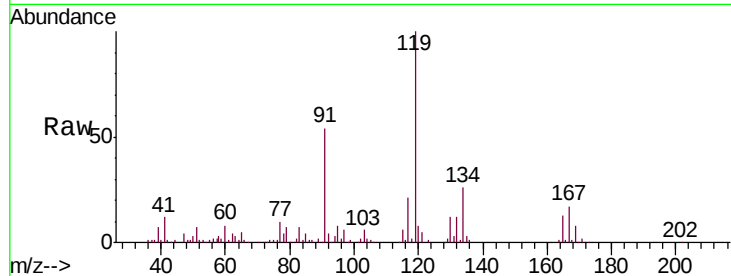




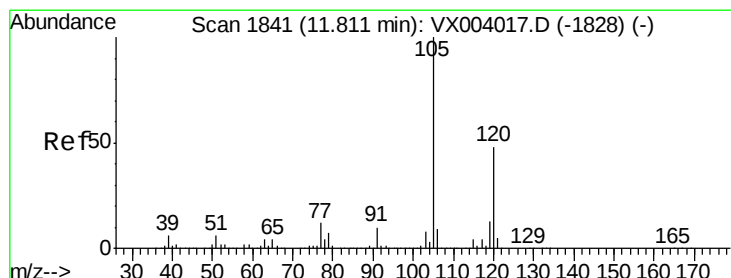
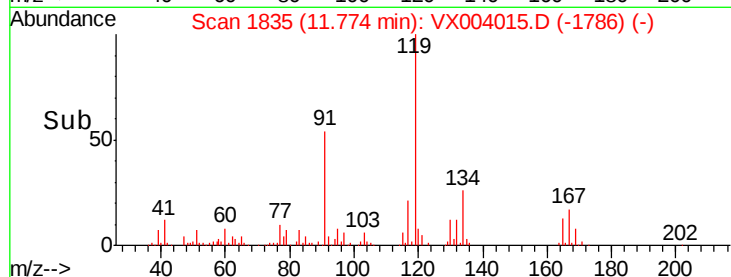
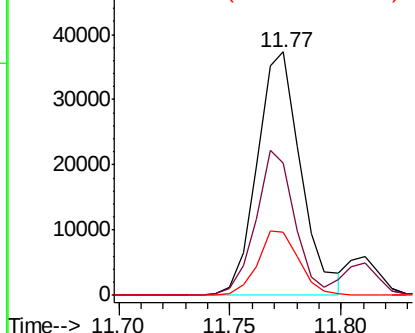
#83
 tert-Butylbenzene
 Concen: 4.085 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC0

Tgt Ion:119 Resp: 51111
 Ion Ratio Lower Upper
 119 100
 91 53.2 26.8 80.4
 134 25.4 12.0 36.1

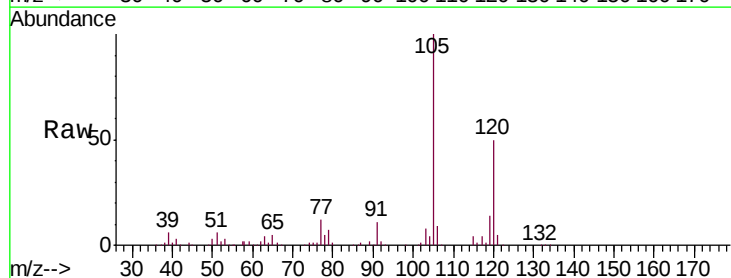


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

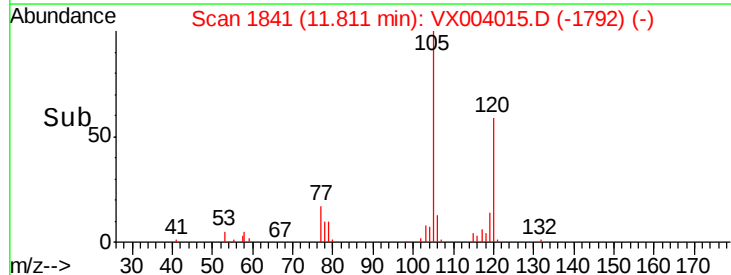
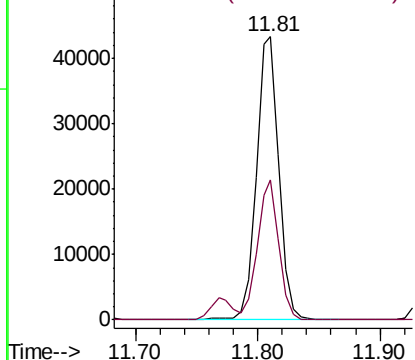


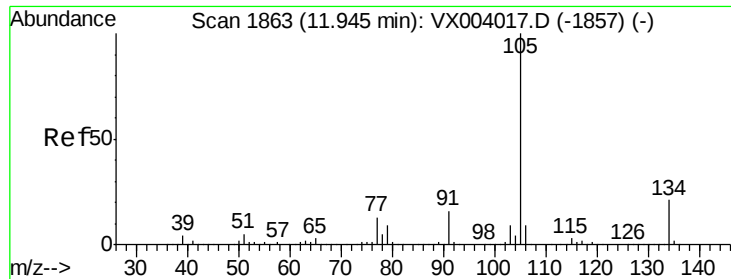
#84
 1,2,4-Trimethylbenzene
 Concen: 4.285 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

Tgt Ion:105 Resp: 55545
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

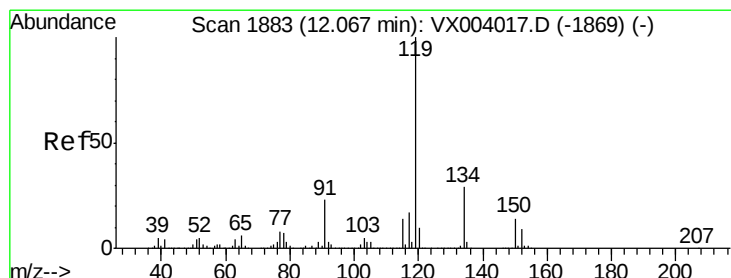
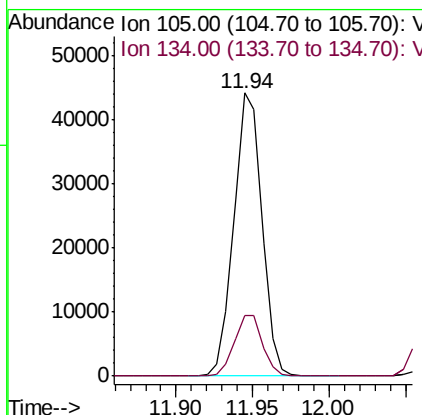
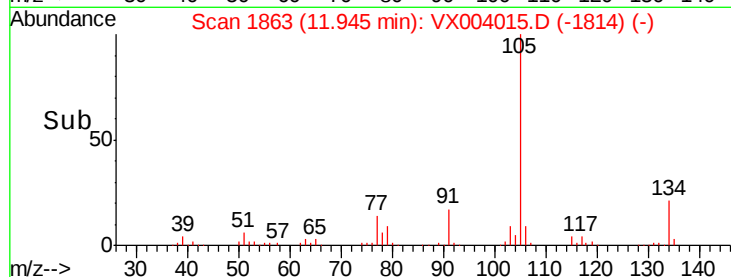
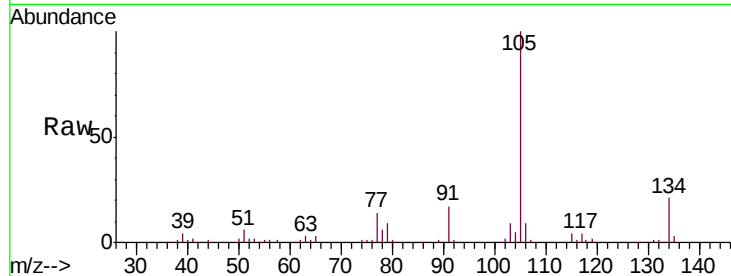




#85
 sec-Butylbenzene
 Concen: 3.865 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

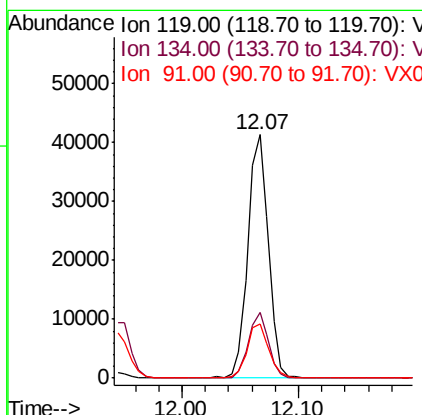
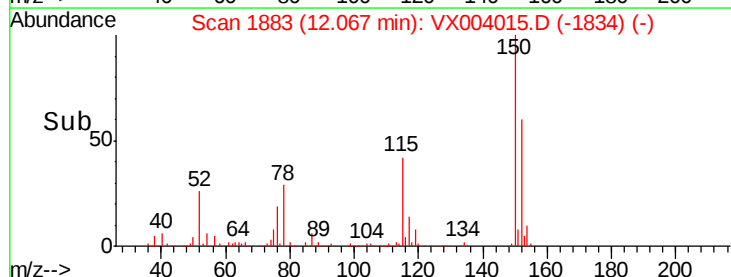
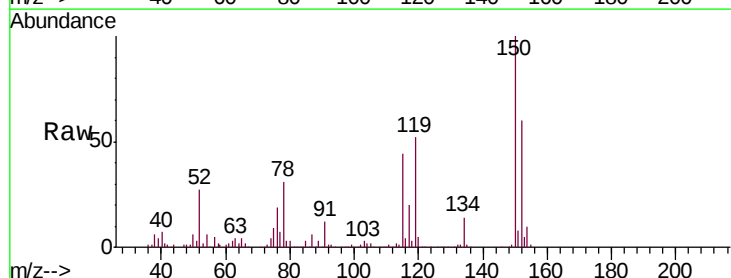
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC0

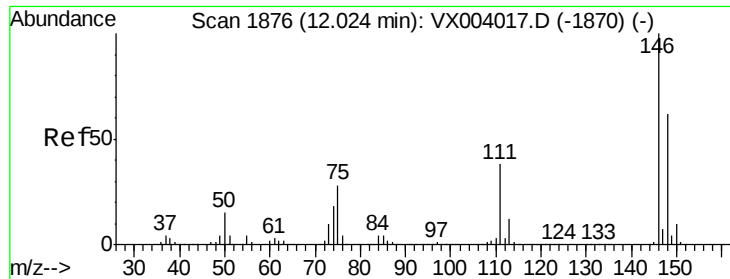
Tgt Ion:105 Resp: 56276
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 3.898 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

Tgt Ion:119 Resp: 51150
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.8 41.4
 91 23.4 11.1 33.3

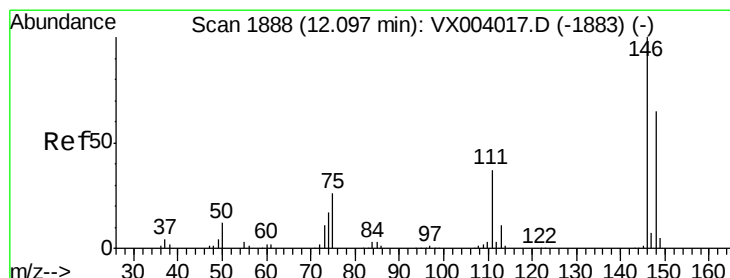
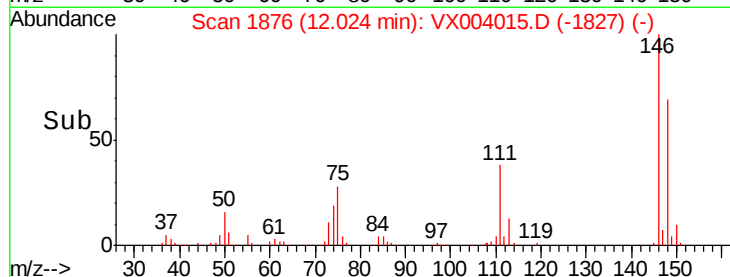
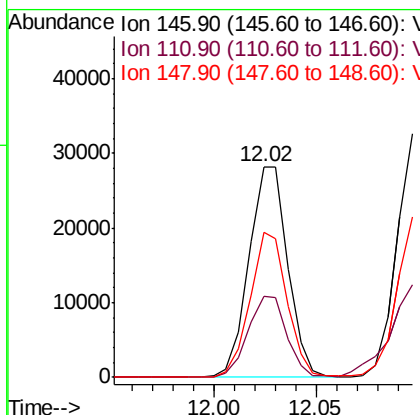
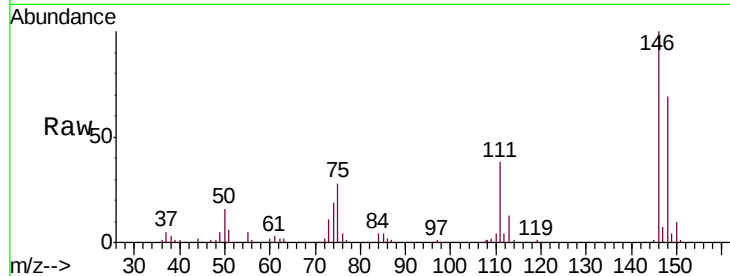




#87
 1,3-Dichlorobenzene
 Concen: 4.782 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

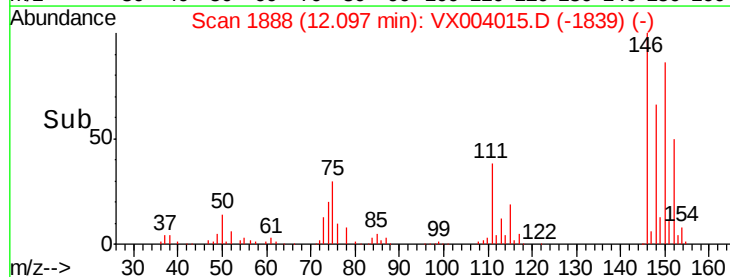
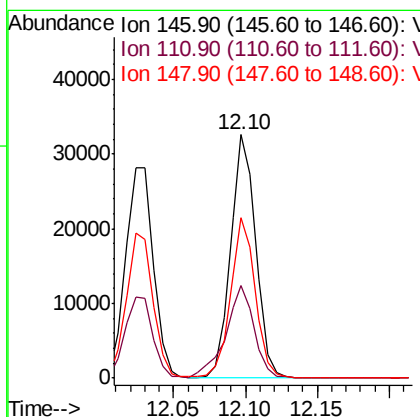
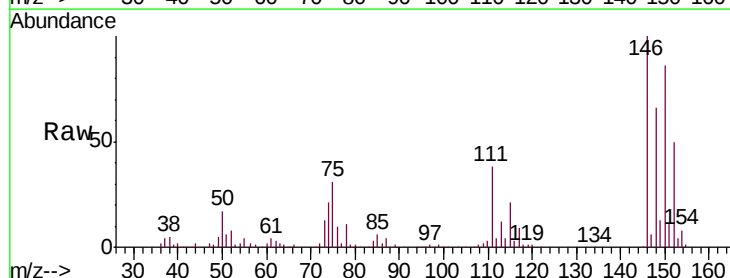
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC0

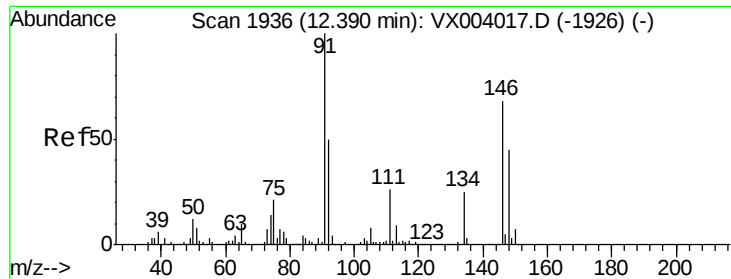
Tgt Ion:146 Resp: 37489
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.8 56.3
 148 65.6 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 4.888 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

Tgt Ion:146 Resp: 39877
 Ion Ratio Lower Upper
 146 100
 111 42.9 18.3 54.8
 148 65.1 31.9 95.9

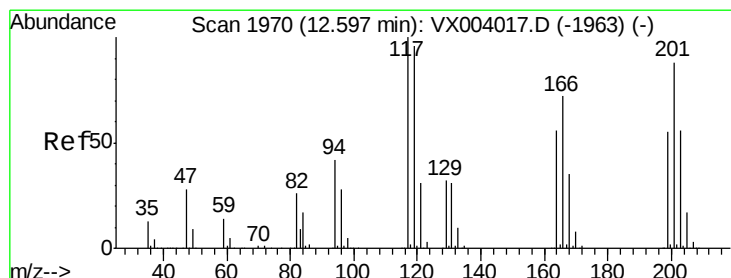
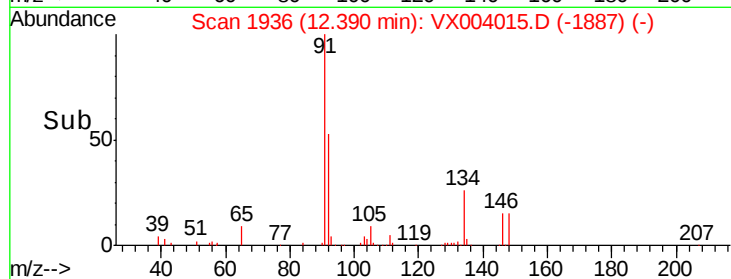
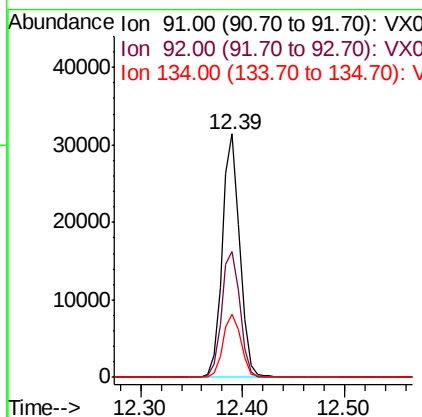
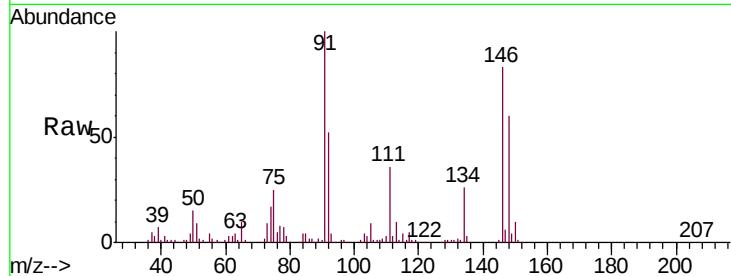




#89
n-Butylbenzene
Concen: 3.333 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

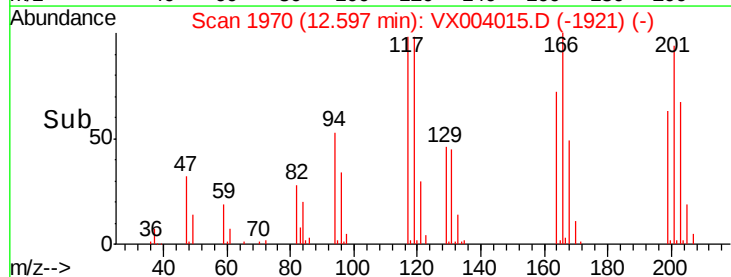
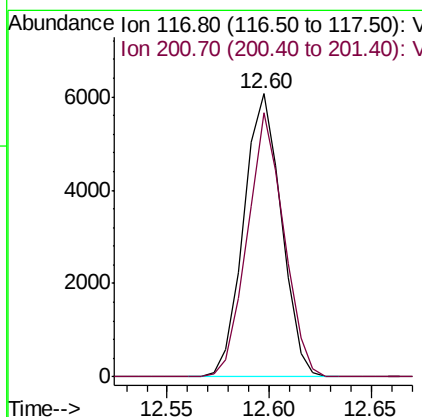
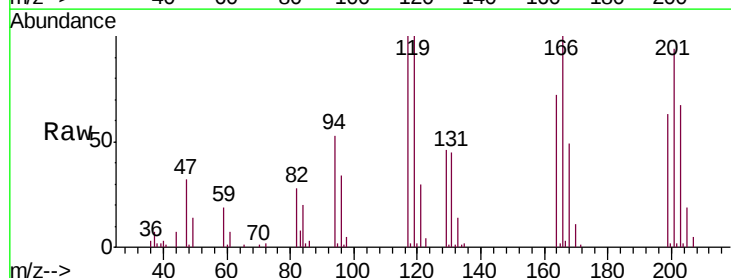
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC0

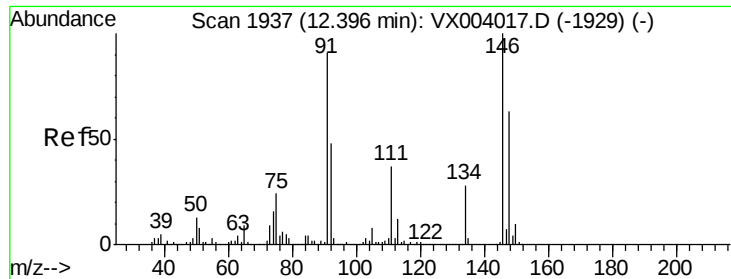
Tgt Ion: 91 Resp: 37741
Ion Ratio Lower Upper
91 100
92 54.2 26.2 78.6
134 26.5 13.1 39.3



#90
Hexachloroethane
Concen: 3.702 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004015.D
Acq: 14 Aug 2018 00:05

Tgt Ion: 117 Resp: 7778
Ion Ratio Lower Upper
117 100
201 90.6 46.5 139.3

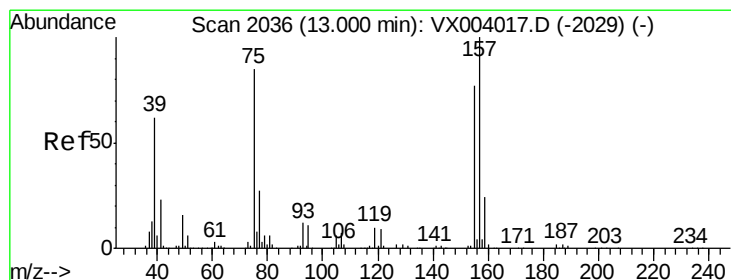
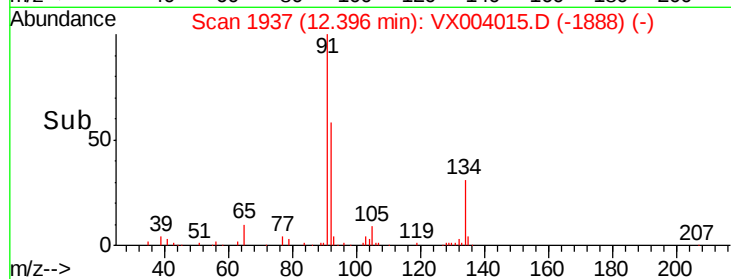
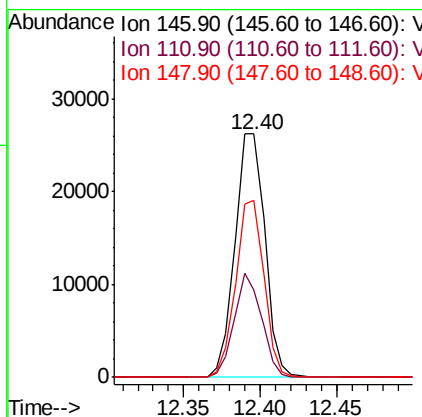
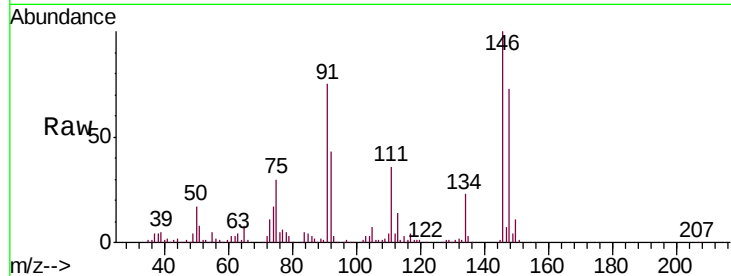




#91
 1,2-Dichlorobenzene
 Concen: 4.601 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

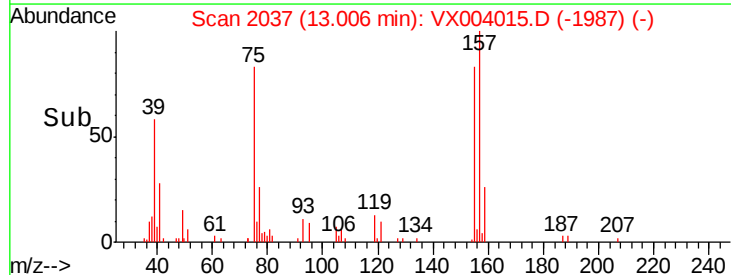
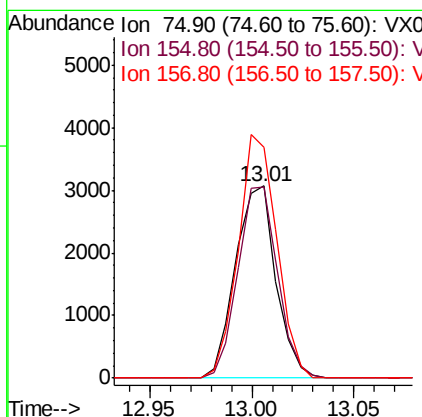
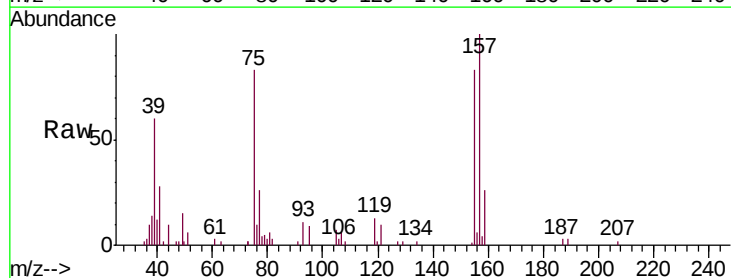
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC0

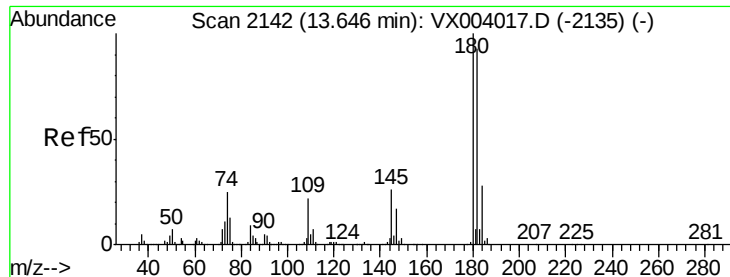
Tgt Ion:146 Resp: 35753
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.9 56.9
 148 68.8 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.865 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

Tgt Ion: 75 Resp: 4230
 Ion Ratio Lower Upper
 75 100
 155 97.7 47.8 143.3
 157 120.4 61.4 184.1

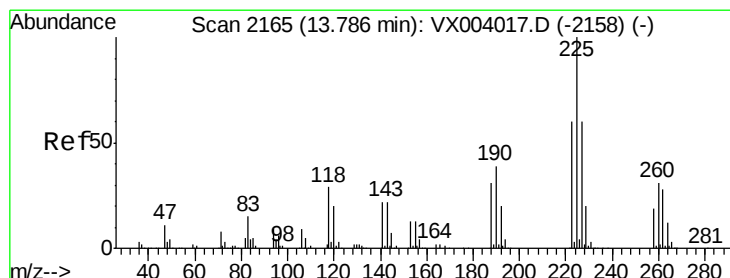
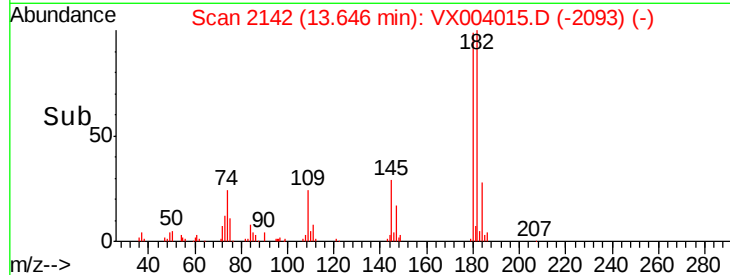
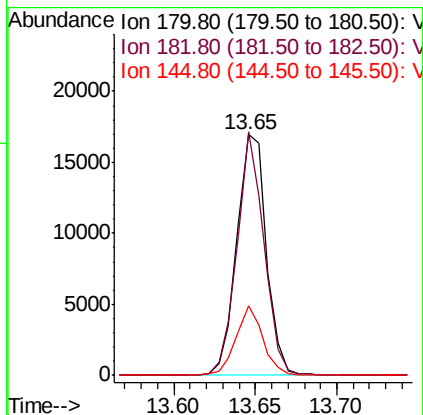
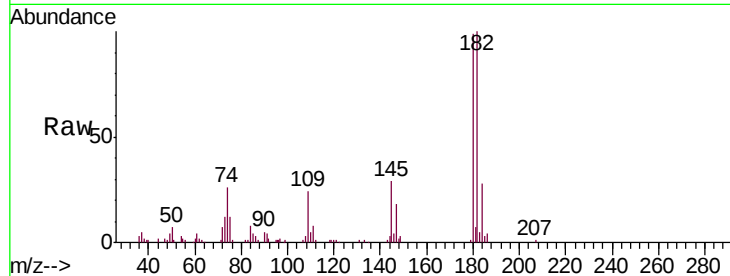




#93
 1,2,4-Trichlorobenzene
 Concen: 3.908 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

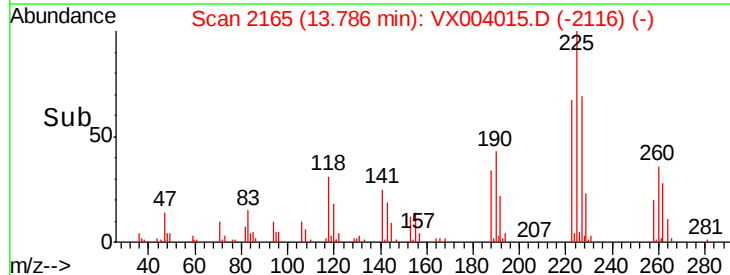
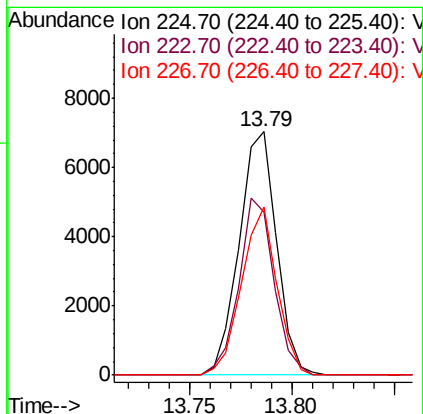
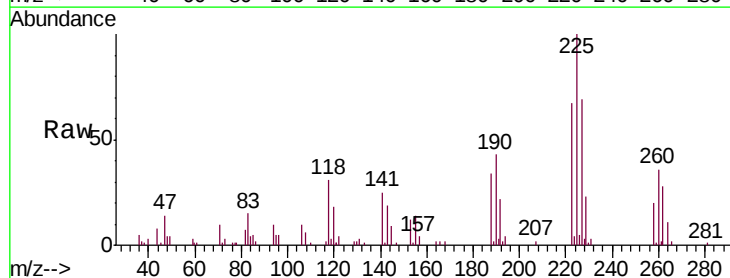
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC0

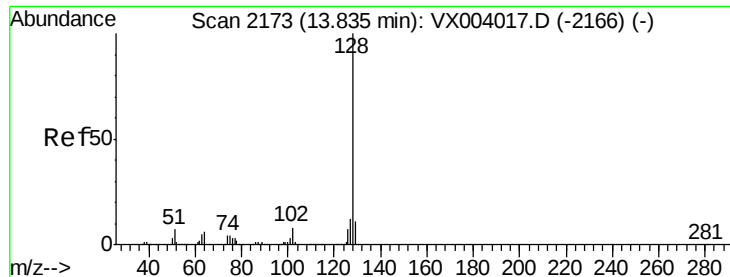
Tgt Ion:180 Resp: 21356
 Ion Ratio Lower Upper
 180 100
 182 92.0 46.6 139.7
 145 26.3 14.0 42.0



#94
 Hexachlorobutadiene
 Concen: 3.588 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004015.D
 Acq: 14 Aug 2018 00:05

Tgt Ion:225 Resp: 8950
 Ion Ratio Lower Upper
 225 100
 223 68.2 30.9 92.8
 227 65.3 31.6 95.0





#95

Naphthalene

Concen: 3.592 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

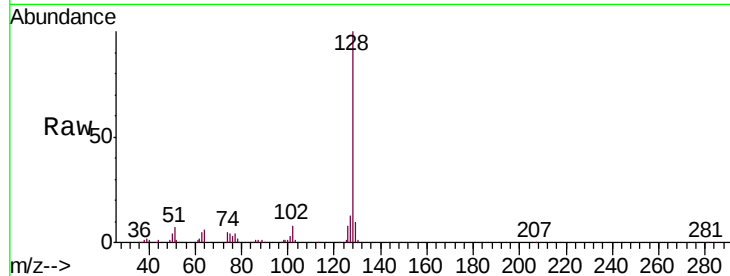
Tgt Ion:128 Resp: 57207

Ion Ratio Lower Upper

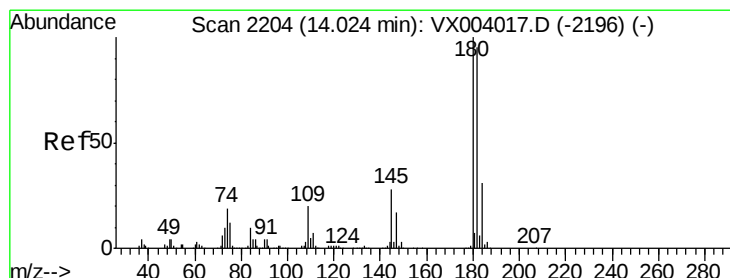
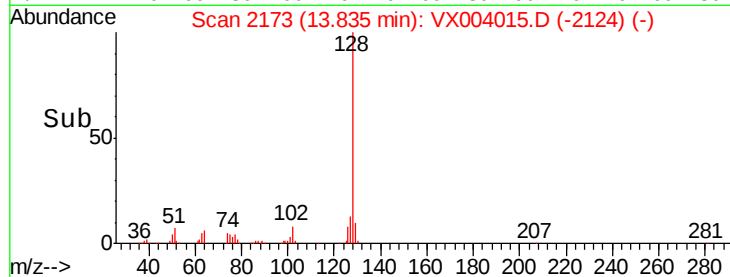
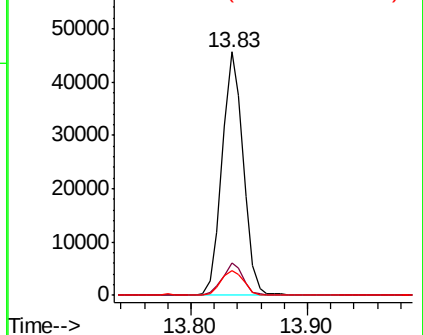
128 100

127 13.0 9.9 14.9

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.303 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004015.D

Acq: 14 Aug 2018 00:05

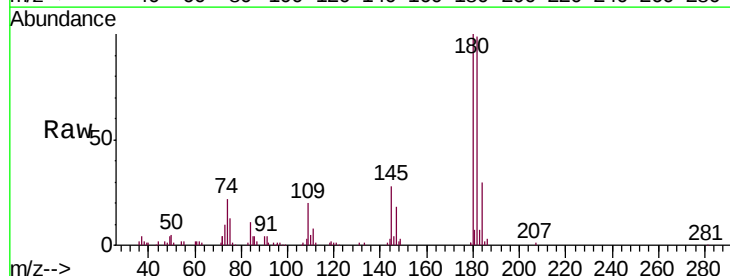
Tgt Ion:180 Resp: 23795

Ion Ratio Lower Upper

180 100

182 95.6 48.1 144.4

145 29.9 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

