

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
 Data File : VX004023.D
 Acq On : 14 Aug 2018 11:08
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 24 06:35:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	456702	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	419364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	250408	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	23984	5.33	ug/l	0.00
Spiked Amount			Recovery	=	10.66%	
35) Dibromofluoromethane	5.51	113	17676	5.17	ug/l	0.00
Spiked Amount			Recovery	=	10.34%	
50) Toluene-d8	8.71	98	69116	4.99	ug/l	0.00
Spiked Amount			Recovery	=	9.98%	
62) 4-Bromofluorobenzene	11.14	95	22334	4.44	ug/l	0.00
Spiked Amount			Recovery	=	8.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	13828	4.446	ug/l	94
3) Chloromethane	1.32	50	18292	4.793	ug/l	98
4) Vinyl Chloride	1.40	62	19581	4.742	ug/l	99
5) Bromomethane	1.64	94	11621	5.394	ug/l	96
6) Chloroethane	1.72	64	17078	4.675	ug/l	93
7) Trichlorofluoromethane	1.93	101	28151	4.860	ug/l	99
8) Diethyl Ether	2.18	74	12185	4.818	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	17806	4.927	ug/l	99
10) Methyl Iodide	2.51	142	12781	7.990	ug/l	97
11) Tert butyl alcohol	3.04	59	22891	25.253	ug/l	98
12) 1,1-Dichloroethene	2.37	96	16466	4.899	ug/l	96
13) Acrolein	2.29	56	8471	24.120	ug/l	93
14) Allyl chloride	2.73	41	30950	4.840	ug/l	98
15) Acrylonitrile	3.14	53	55957	24.759	ug/l	100
16) Acetone	2.44	43	58215	24.874	ug/l	99
17) Carbon Disulfide	2.57	76	43526	4.566	ug/l	99
18) Methyl Acetate	2.77	43	25019	4.811	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	56772	4.794	ug/l	100
20) Methylene Chloride	2.86	84	21281	5.017	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	18338	4.804	ug/l	99
22) Diisopropyl ether	3.86	45	60762	4.849	ug/l	91
23) Vinyl Acetate	3.82	43	243709	23.678	ug/l	100
24) 1,1-Dichloroethane	3.70	63	35259	4.968	ug/l	99
25) 2-Butanone	4.70	43	93725	24.613	ug/l	97
26) 2,2-Dichloropropane	4.58	77	27189	4.818	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	21399	4.986	ug/l	85
28) Bromochloromethane	5.02	49	15751	4.837	ug/l	94
29) Tetrahydrofuran	5.15	42	46761	24.035	ug/l	99
30) Chloroform	5.21	83	34165	4.932	ug/l	98
31) Cyclohexane	5.57	56	29839	4.795	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	27941	4.827	ug/l	98
36) 1,1-Dichloropropene	5.80	75	24500	4.714	ug/l	99
37) Ethyl Acetate	4.85	43	28586	5.051	ug/l	98
38) Carbon Tetrachloride	5.78	117	24347	4.822	ug/l	96

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 Data File : VX004023.D
 Acq On : 14 Aug 2018 11:08
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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 24 06:35:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	26219	4.447	ug/l	95
40) Benzene	6.15	78	76573	4.907	ug/l	98
41) Methacrylonitrile	5.06	41	15759	4.972	ug/l	97
42) 1,2-Dichloroethane	6.20	62	27646	5.061	ug/l	100
43) Isopropyl Acetate	6.46	43	39296	4.711	ug/l	100
44) Trichloroethene	7.21	130	20523	4.844	ug/l	99
45) 1,2-Dichloropropane	7.52	63	19858	4.971	ug/l	98
46) Dibromomethane	7.67	93	12888	4.937	ug/l	99
47) Bromodichloromethane	7.90	83	23568	4.767	ug/l	98
48) Methyl methacrylate	7.78	41	18586	4.426	ug/l	99
49) 1,4-Dioxane	7.76	88	8435	89.219	ug/l	90
51) 4-Methyl-2-Pentanone	8.65	43	160689	23.493	ug/l	98
52) Toluene	8.79	92	48409	4.905	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	23245	4.352	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	26514	4.482	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	20380	5.000	ug/l	98
56) Ethyl methacrylate	9.18	69	23301	4.204	ug/l	97
57) 1,3-Dichloropropane	9.37	76	33613	4.971	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	61583	21.822	ug/l	100
59) 2-Hexanone	9.50	43	120060	23.323	ug/l	95
60) Dibromochloromethane	9.59	129	17521	4.467	ug/l	99
61) 1,2-Dibromoethane	9.67	107	20215	4.866	ug/l	99
64) Tetrachloroethene	9.34	164	20180	5.077	ug/l	95
65) Chlorobenzene	10.14	112	52829	4.877	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	17989	4.869	ug/l	98
67) Ethyl Benzene	10.25	91	80160	4.673	ug/l	97
68) m/p-Xylenes	10.36	106	60603	9.022	ug/l	99
69) o-Xylene	10.70	106	29338	4.570	ug/l	95
70) Styrene	10.71	104	47397	4.387	ug/l	97
71) Bromoform	10.86	173	12933	4.414	ug/l #	98
73) Isopropylbenzene	11.02	105	80552	4.754	ug/l	98
74) N-amyl acetate	6.46	43	39296	4.930	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	29612	5.004	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	31133	6.200	ug/l	85
77) Bromobenzene	11.26	156	22713	4.862	ug/l	99
78) n-propylbenzene	11.36	91	89287	4.708	ug/l	97
79) 2-Chlorotoluene	11.42	91	55496	4.802	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	64440	4.644	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	6516	4.017	ug/l #	82
82) 4-Chlorotoluene	11.51	91	64193	4.699	ug/l	99
83) tert-Butylbenzene	11.77	119	64627	4.620	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	67094	4.669	ug/l	100
85) sec-Butylbenzene	11.94	105	75323	4.600	ug/l	99
86) p-Isopropyltoluene	12.07	119	67466	4.551	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	44769	5.025	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	45979	5.014	ug/l	96
89) n-Butylbenzene	12.39	91	50568	4.329	ug/l	96
90) Hexachloroethane	12.60	117	10066	4.538	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	40111	4.992	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	4849	4.662	ug/l	96

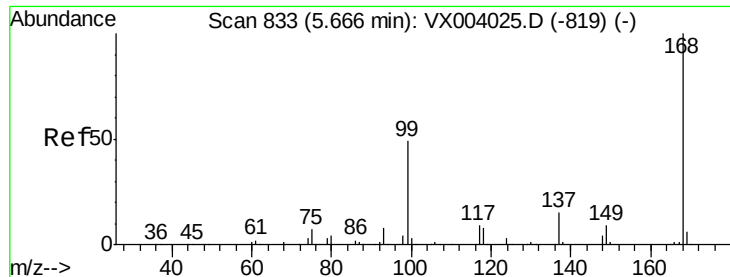
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
Data File : VX004023.D
Acq On : 14 Aug 2018 11:08
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Aug 24 06:35:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	23024	4.192	ug/l	99
94) Hexachlorobutadiene	13.79	225	12093	4.392	ug/l	98
95) Naphthalene	13.83	128	60852	4.540	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	25243	4.215	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

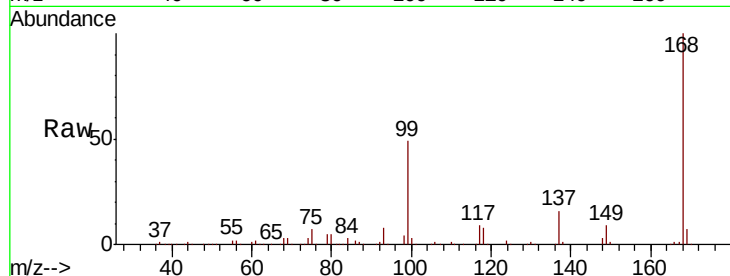
VSTDIC005

Tgt Ion:168 Resp: 319487

Ion Ratio Lower Upper

168 100

99 49.4 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

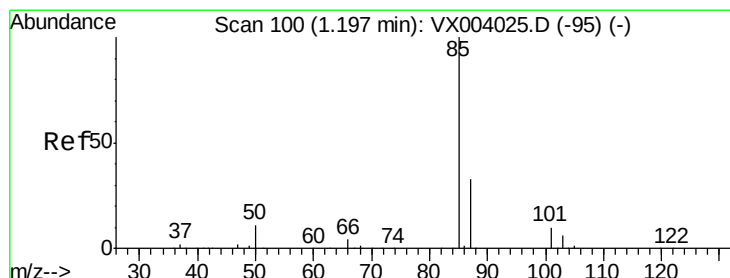
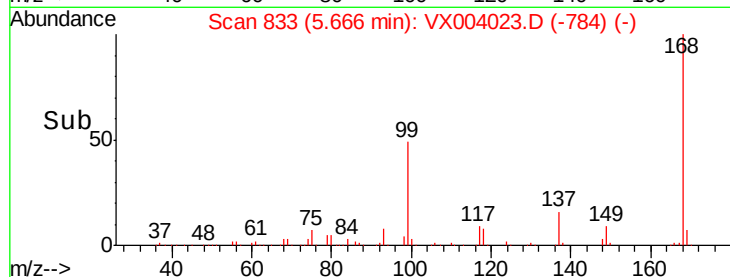
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 4.446 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004023.D

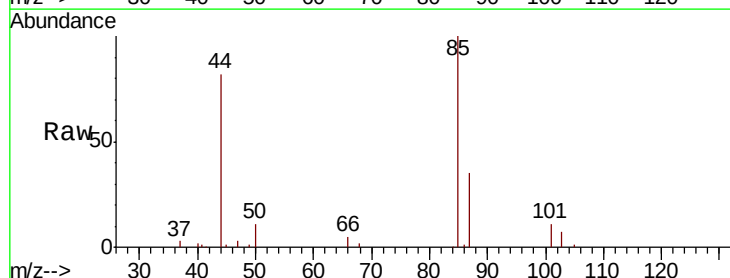
Acq: 14 Aug 2018 11:08

Tgt Ion: 85 Resp: 13828

Ion Ratio Lower Upper

85 100

87 35.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

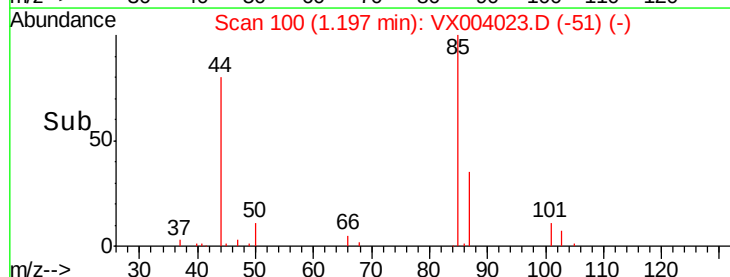
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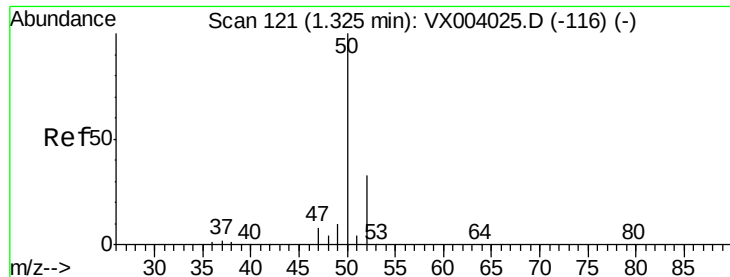
10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 4.793 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

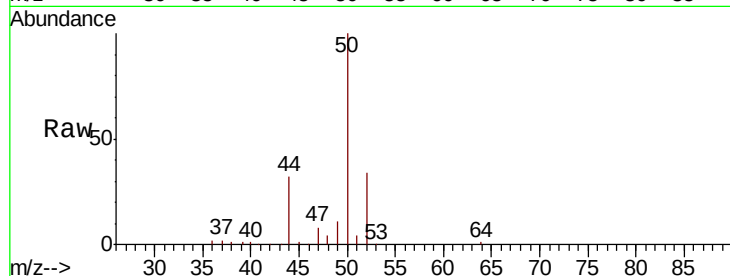
VSTDIC005

Tgt Ion: 50 Resp: 18292

Ion Ratio Lower Upper

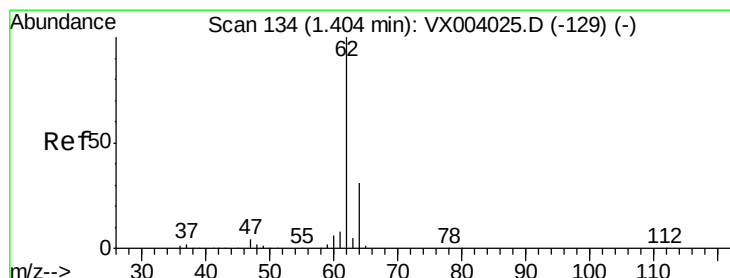
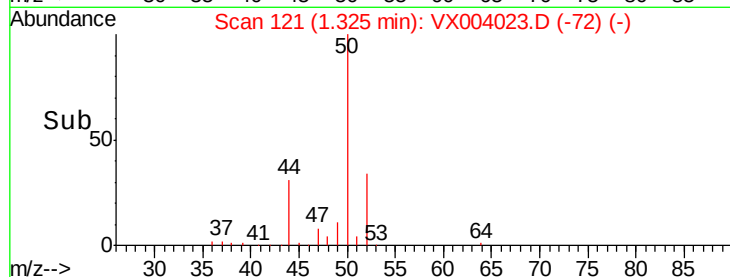
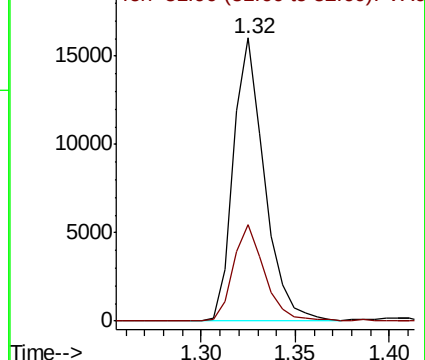
50 100

52 34.3 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 4.742 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004023.D

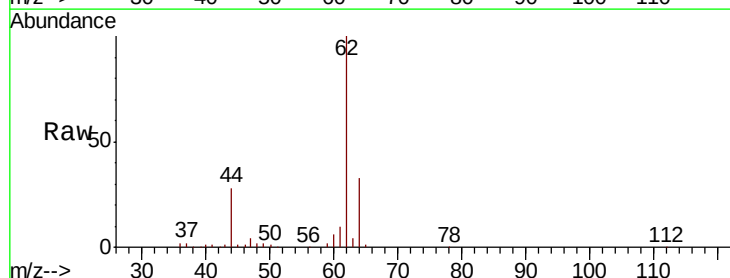
Acq: 14 Aug 2018 11:08

Tgt Ion: 62 Resp: 19581

Ion Ratio Lower Upper

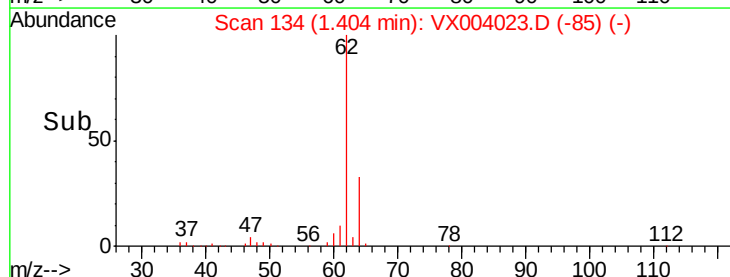
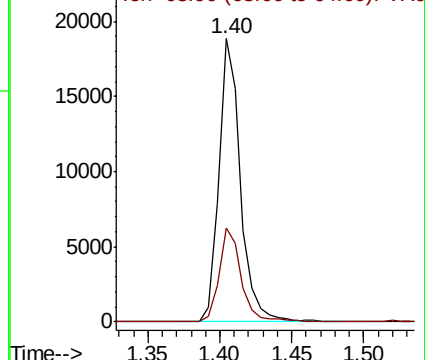
62 100

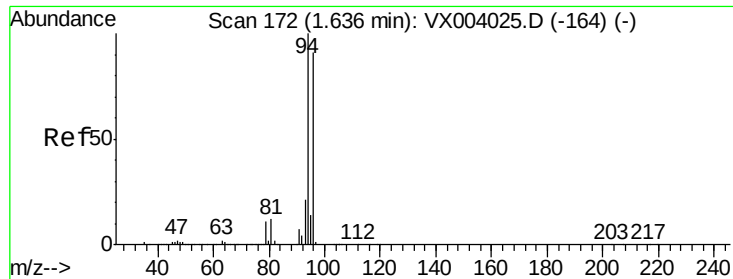
64 33.0 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 5.394 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampled :

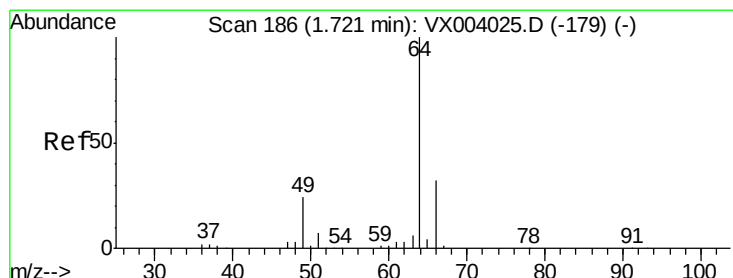
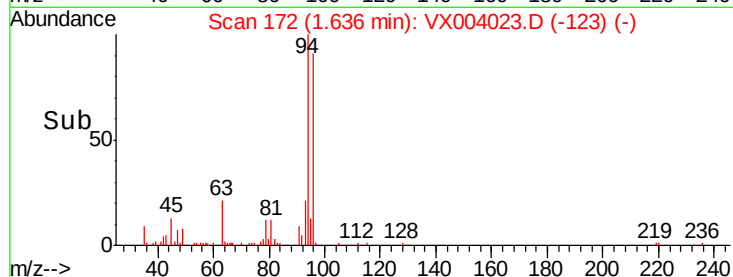
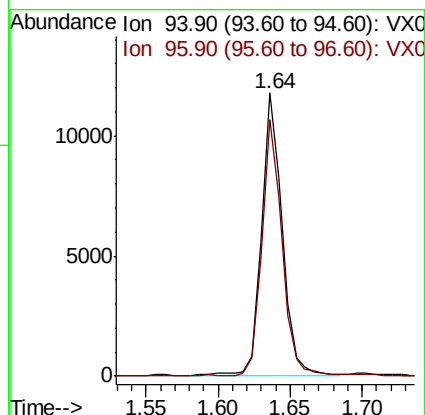
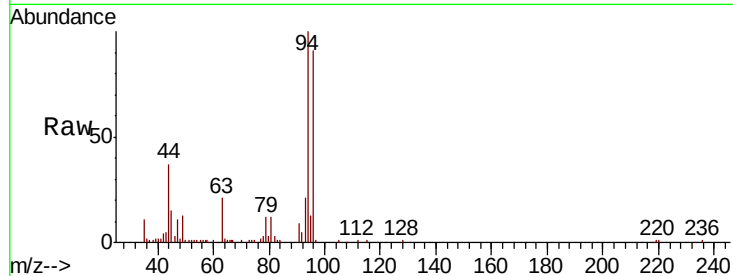
VSTDIC005

Tgt Ion: 94 Resp: 11621

Ion Ratio Lower Upper

94 100

96 90.5 75.2 112.8



#6

Chloroethane

Concen: 4.675 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX004023.D

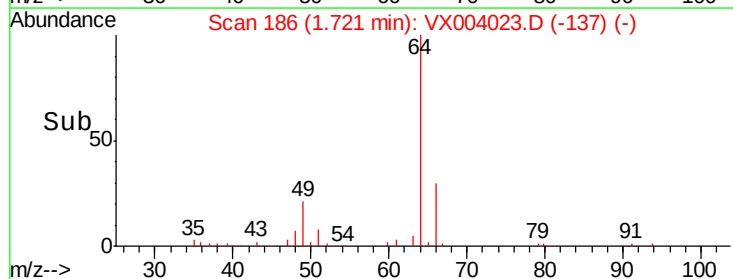
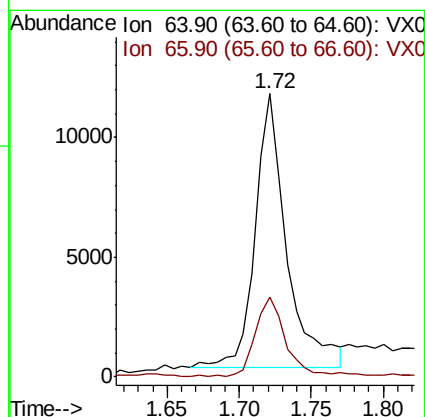
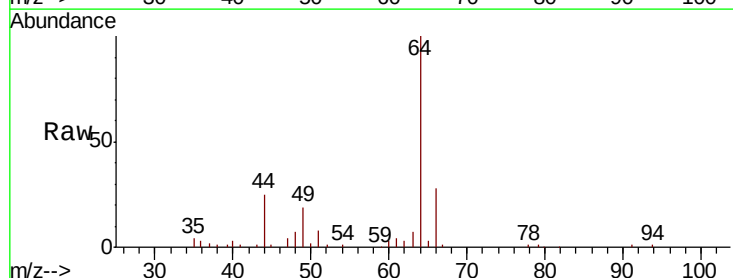
Acq: 14 Aug 2018 11:08

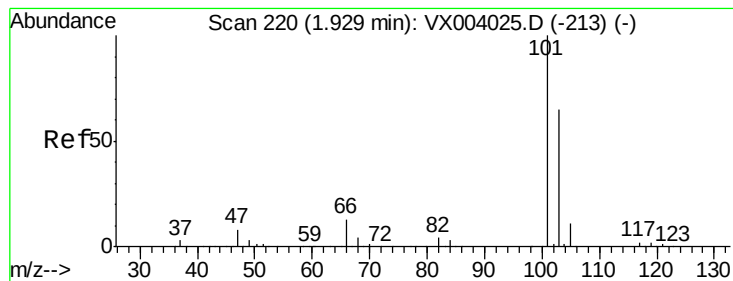
Tgt Ion: 64 Resp: 17078

Ion Ratio Lower Upper

64 100

66 29.1 26.5 39.7



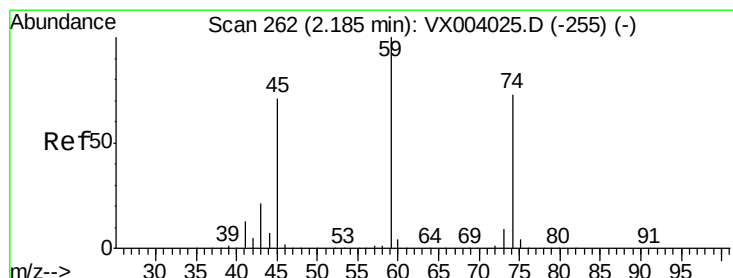
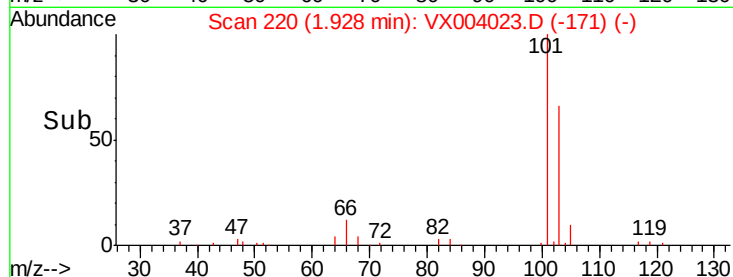
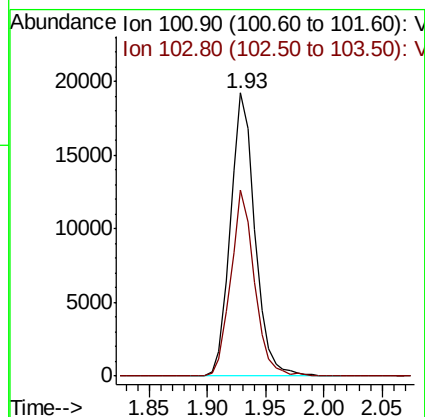
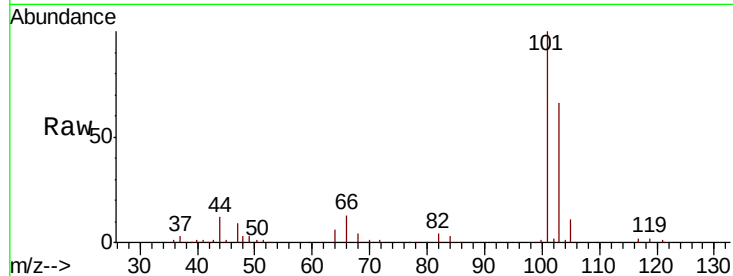


#7

Trichlorofluoromethane
Concen: 4.860 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

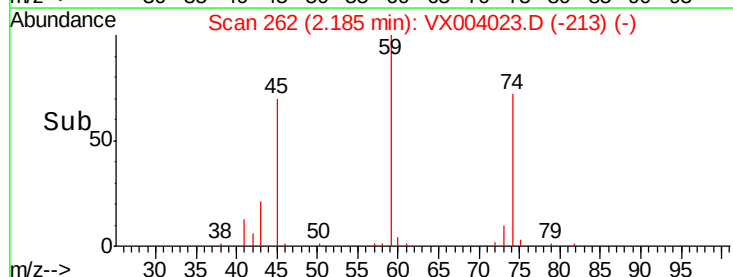
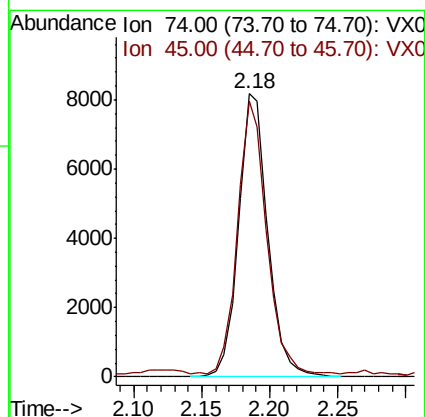
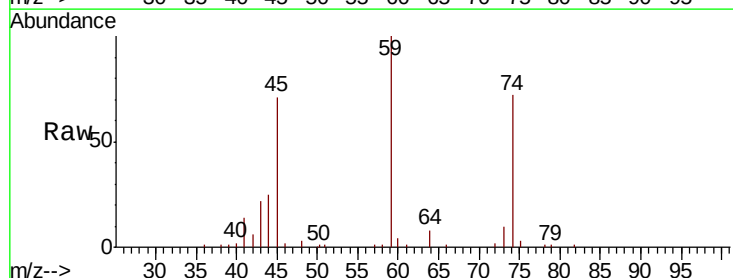
Tgt Ion: 101 Resp: 28151
Ion Ratio Lower Upper
101 100
103 65.9 52.3 78.5

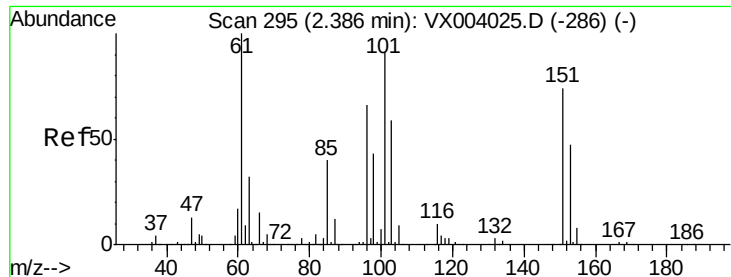


#8

Diethyl Ether
Concen: 4.818 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Tgt Ion: 74 Resp: 12185
Ion Ratio Lower Upper
74 100
45 95.7 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.927 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

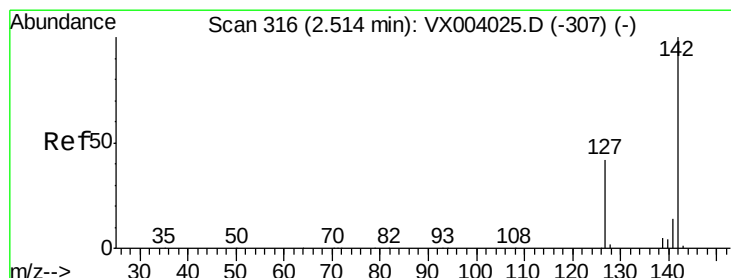
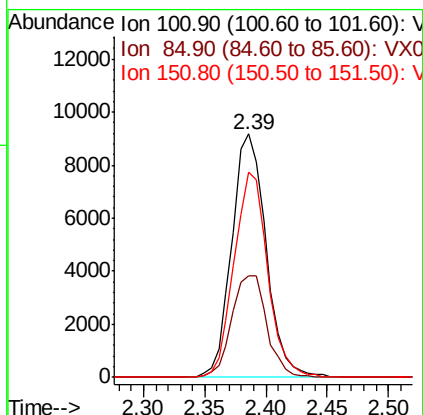
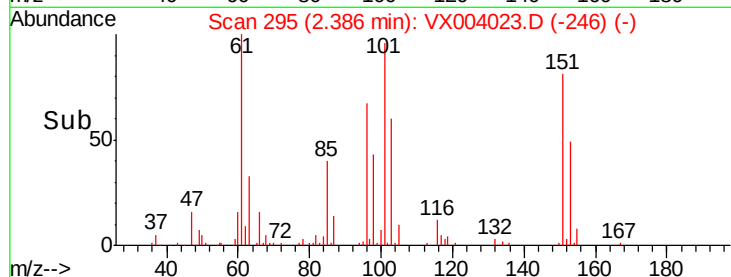
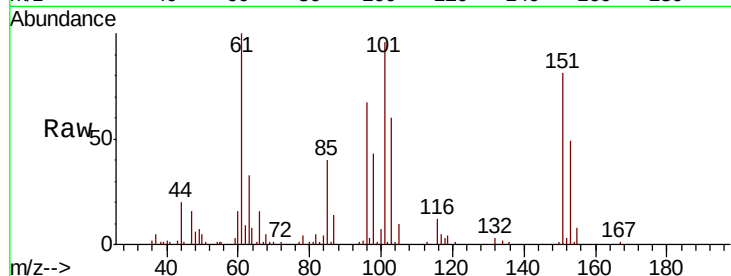
Tgt Ion:101 Resp: 17806

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.4

151 82.8 65.0 97.4



#10

Methyl Iodide

Concen: 7.990 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

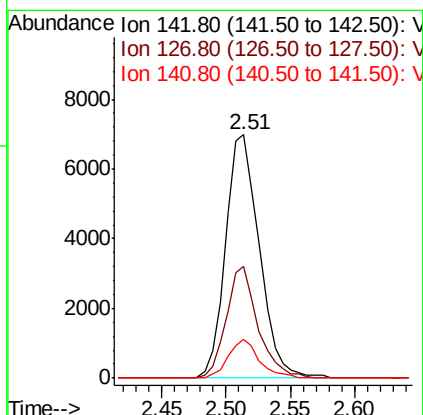
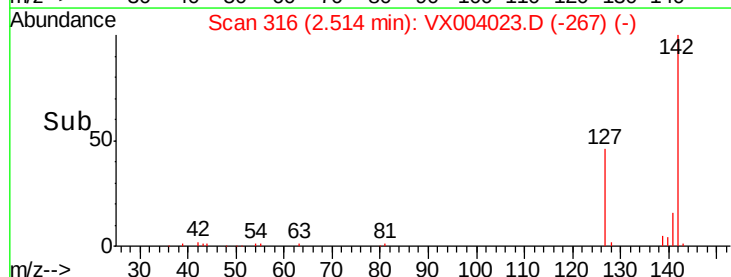
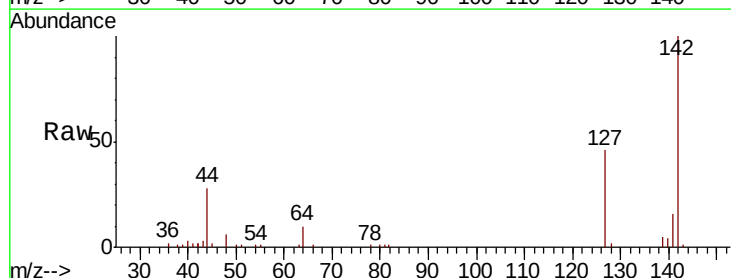
Tgt Ion:142 Resp: 12781

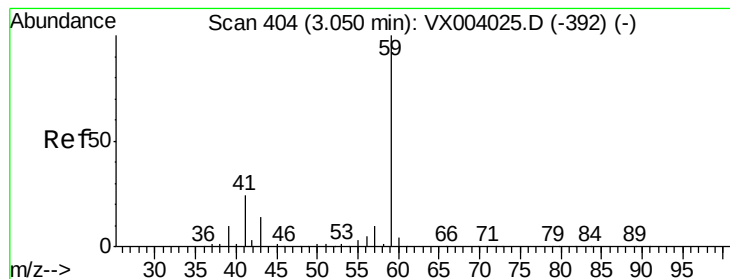
Ion Ratio Lower Upper

142 100

127 43.2 33.1 49.7

141 14.5 11.1 16.7





#11

Tert butyl alcohol

Concen: 25.253 ug/l

RT: 3.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

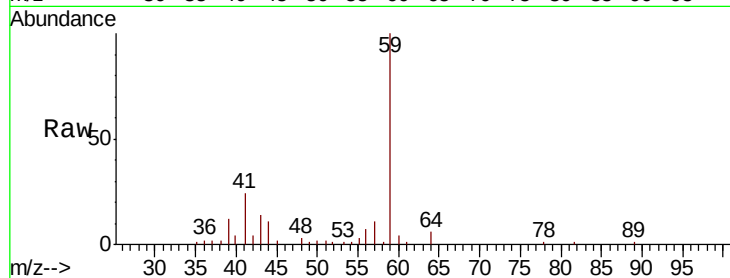
VSTDIC005

Tgt Ion: 59 Resp: 22891

Ion Ratio Lower Upper

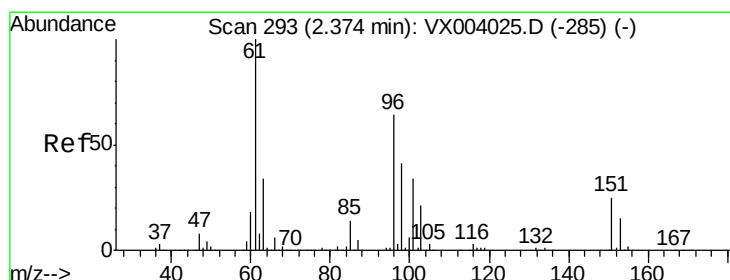
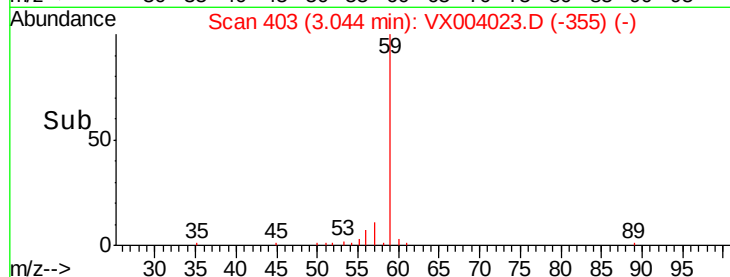
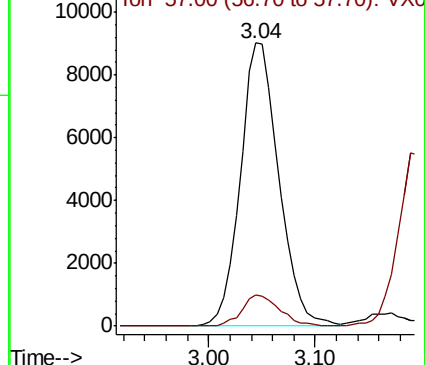
59 100

57 10.7 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 4.899 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

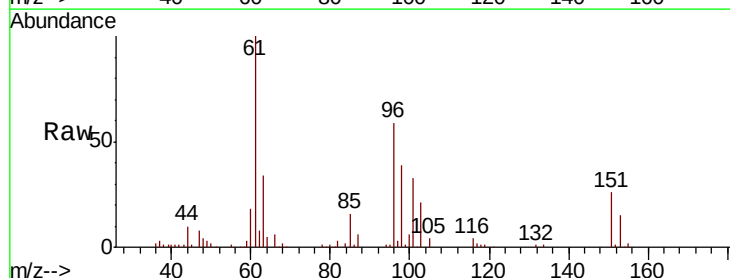
Tgt Ion: 96 Resp: 16466

Ion Ratio Lower Upper

96 100

61 170.2 131.3 196.9

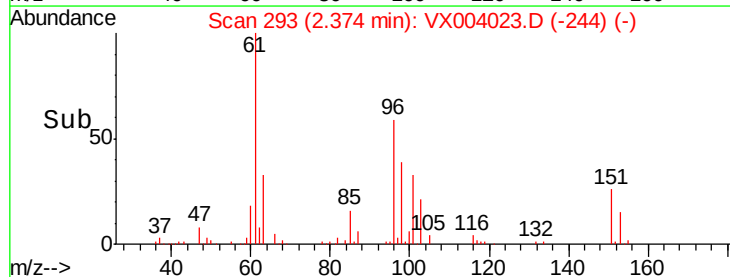
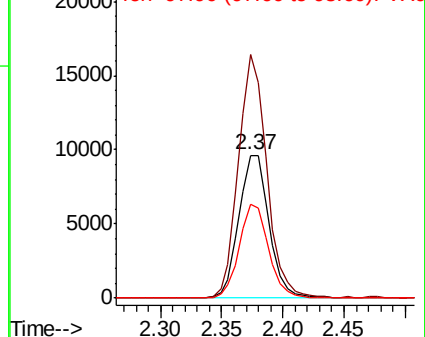
98 65.7 51.8 77.6

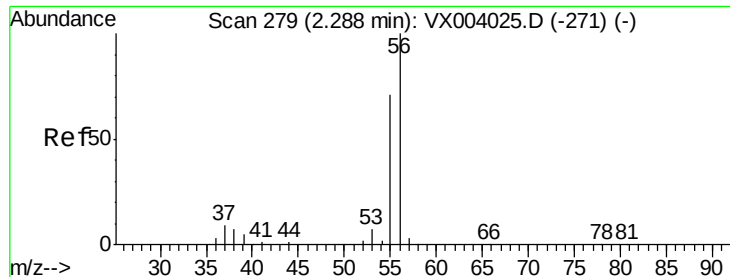


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 24.120 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

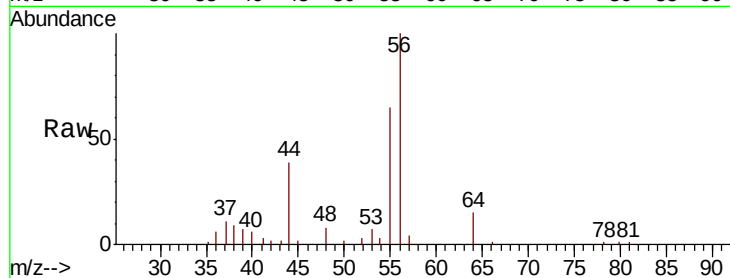
VSTDIC005

Tgt Ion: 56 Resp: 8471

Ion Ratio Lower Upper

56 100

55 76.2 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

6000

5000

4000

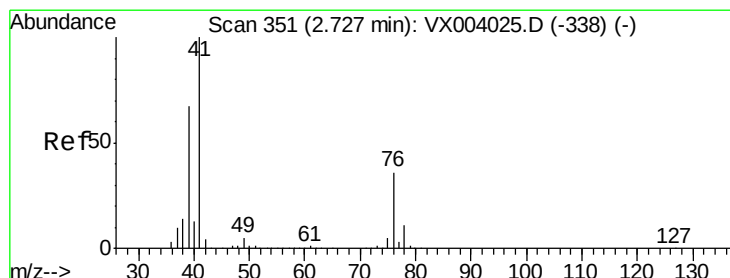
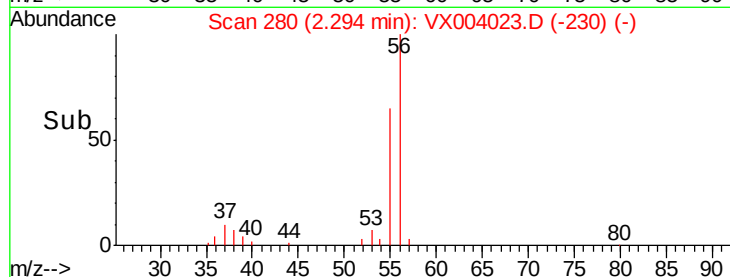
3000

2000

1000

0

Time--> 2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 4.840 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

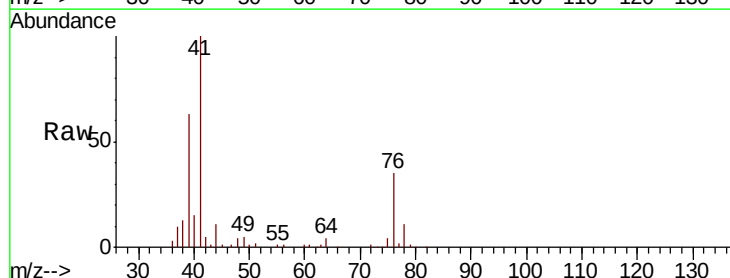
Tgt Ion: 41 Resp: 30950

Ion Ratio Lower Upper

41 100

39 60.5 47.4 71.0

76 31.1 26.0 39.0



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

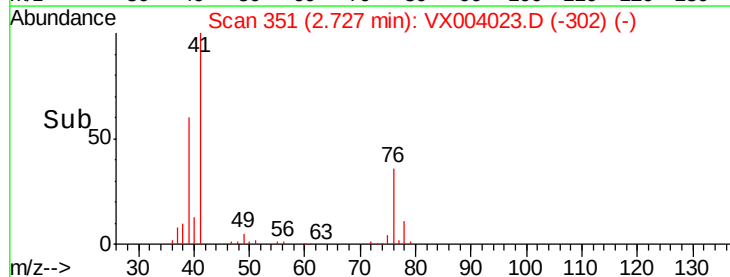
30000

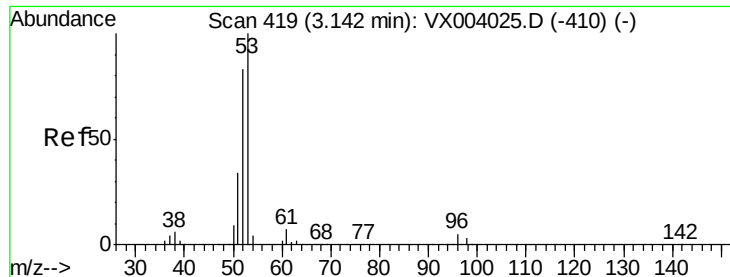
20000

10000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 24.759 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

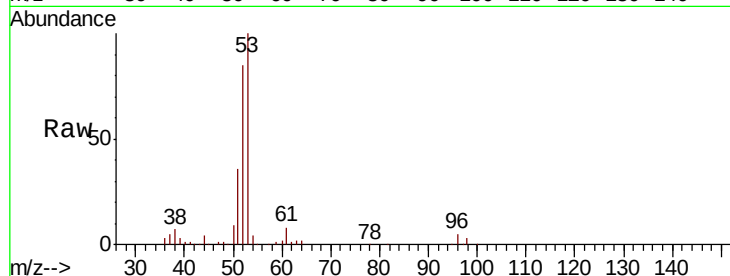
Tgt Ion: 53 Resp: 55957

Ion Ratio Lower Upper

53 100

52 81.9 65.3 97.9

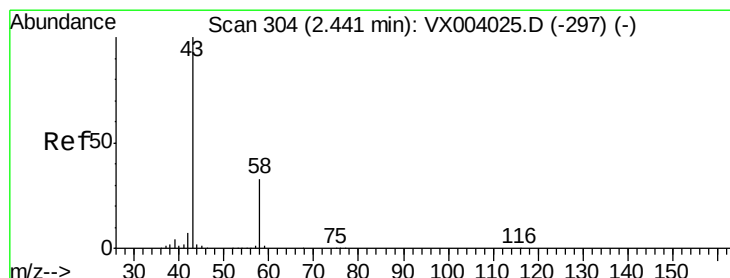
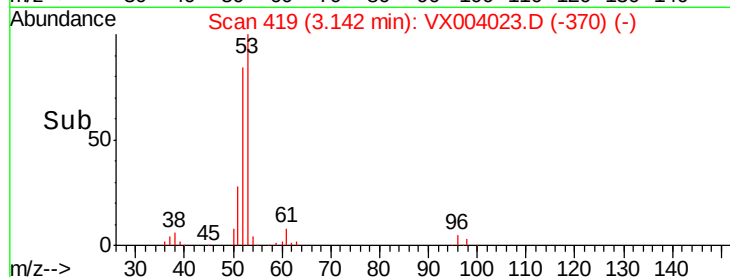
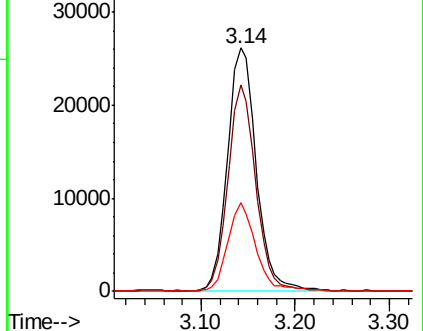
51 35.0 27.9 41.9



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: 24.874 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004023.D

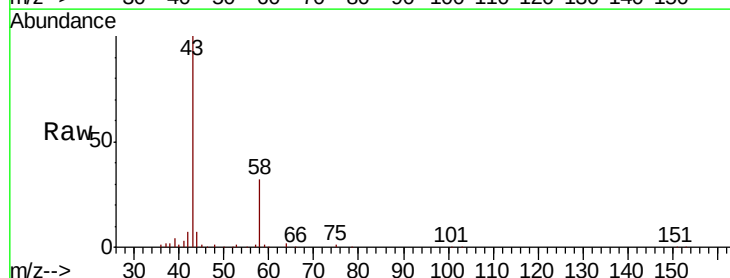
Acq: 14 Aug 2018 11:08

Tgt Ion: 43 Resp: 58215

Ion Ratio Lower Upper

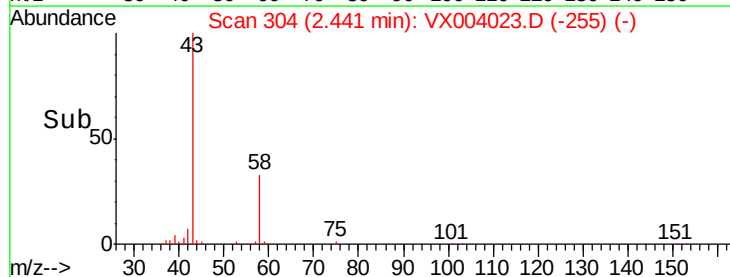
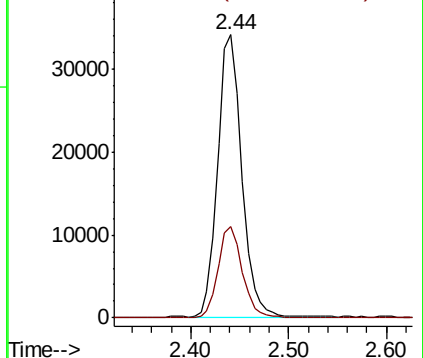
43 100

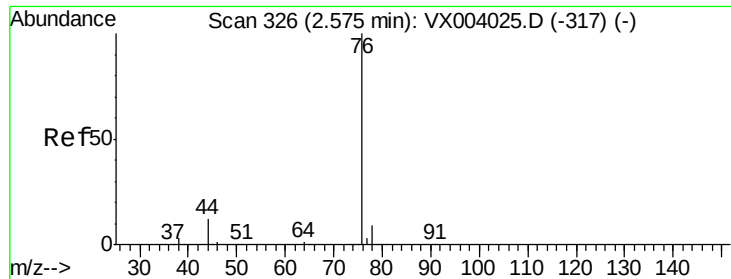
58 32.6 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

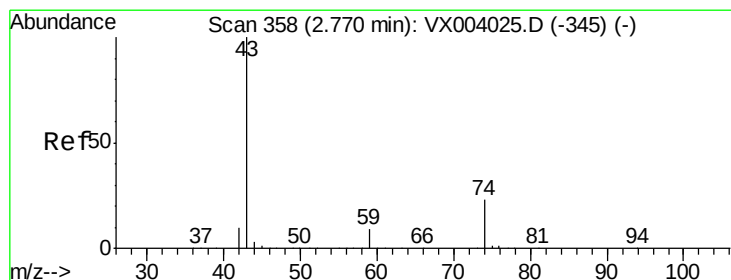
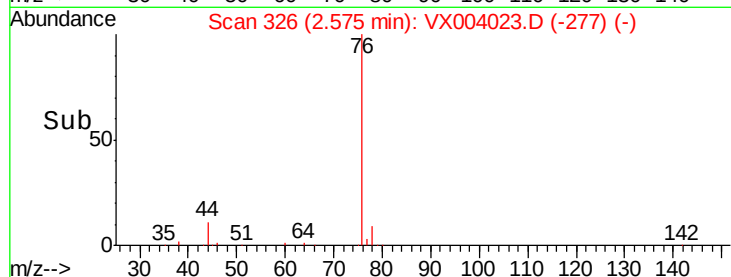
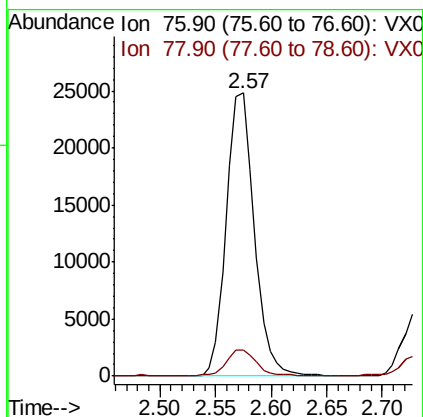
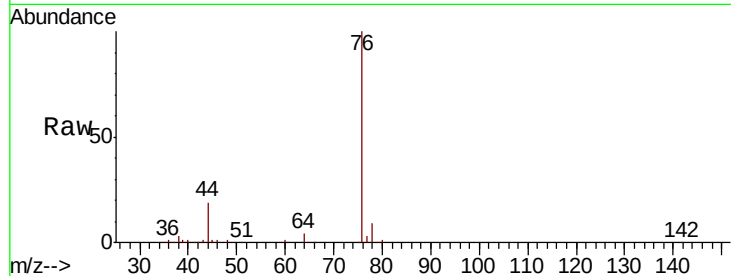




#17
Carbon Disulfide
Concen: 4.566 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

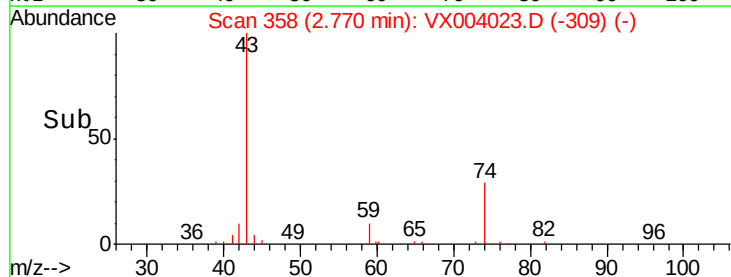
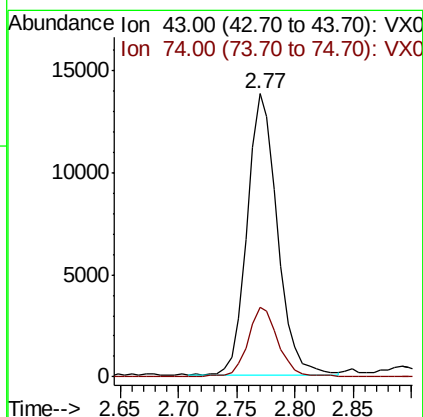
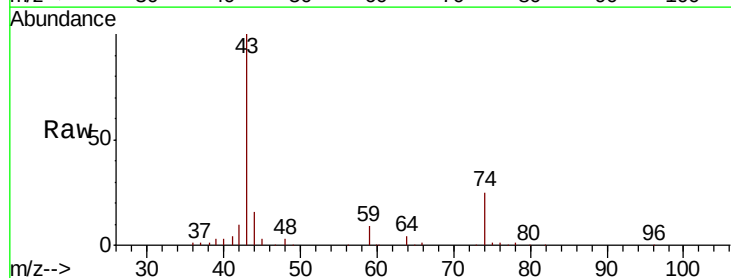
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

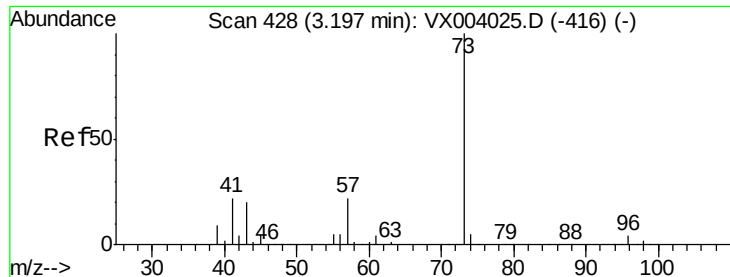
Tgt Ion: 76 Resp: 43526
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 4.811 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Tgt Ion: 43 Resp: 25019
Ion Ratio Lower Upper
43 100
74 24.9 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 4.794 ug/l

RT: 3.20 min Scan# 428

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

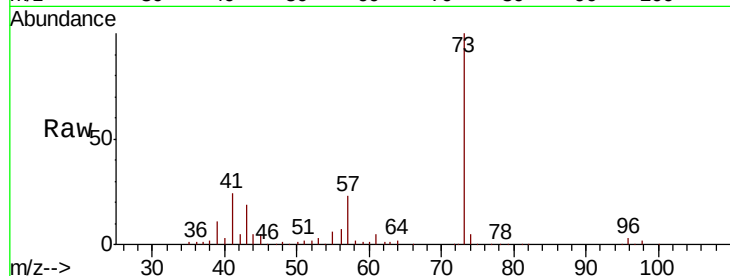
VSTDIC005

Tgt Ion: 73 Resp: 56772

Ion Ratio Lower Upper

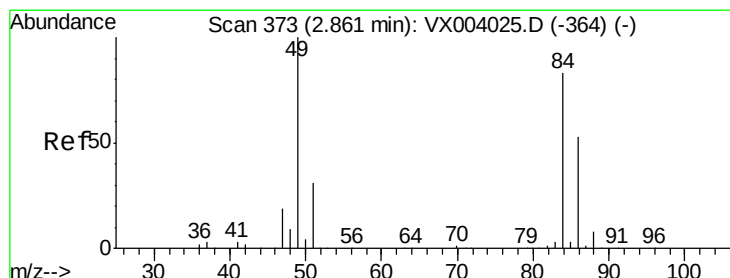
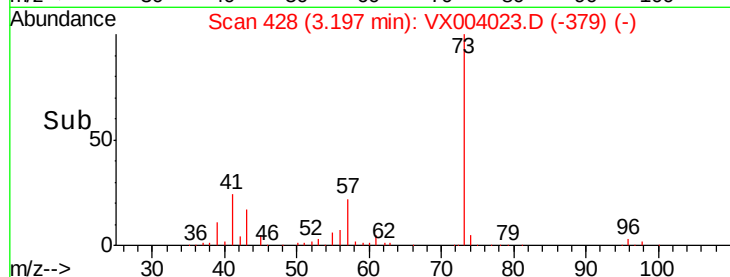
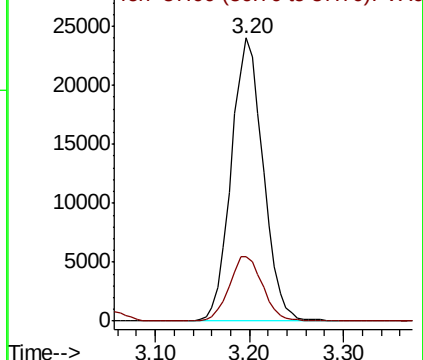
73 100

57 22.7 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 5.017 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Tgt Ion: 84 Resp: 21281

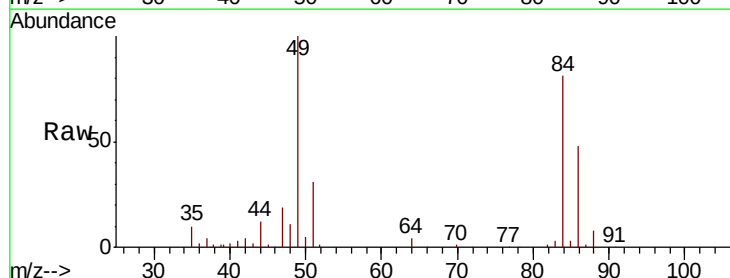
Ion Ratio Lower Upper

84 100

49 124.2 98.9 148.3

51 38.2 29.9 44.9

86 60.1 51.0 76.6

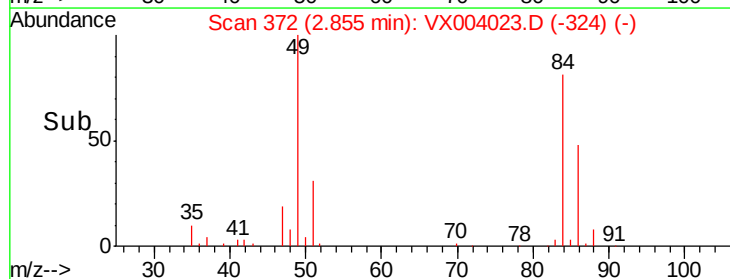
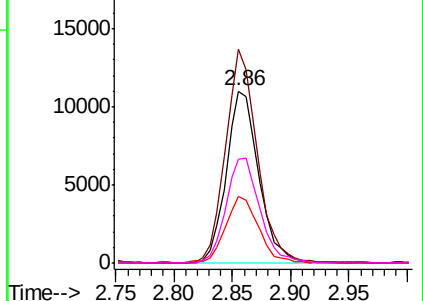


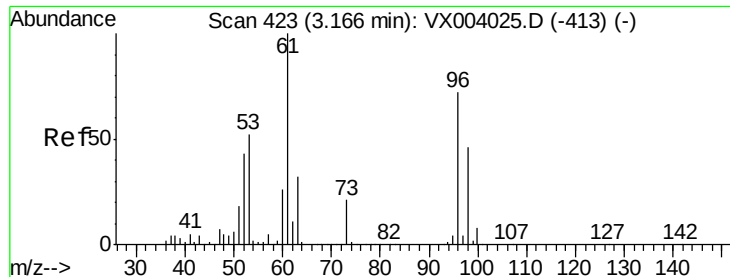
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#21

trans-1,2-Dichloroethene

Concen: 4.804 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

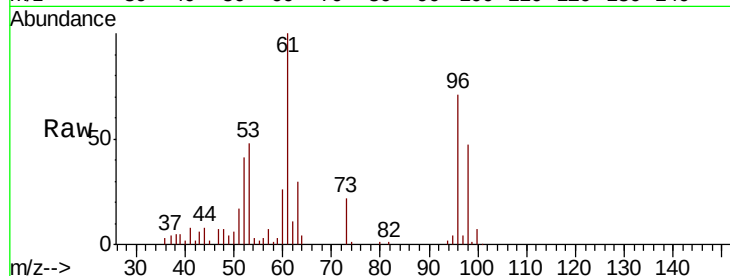
Tgt Ion: 96 Resp: 18338

Ion Ratio Lower Upper

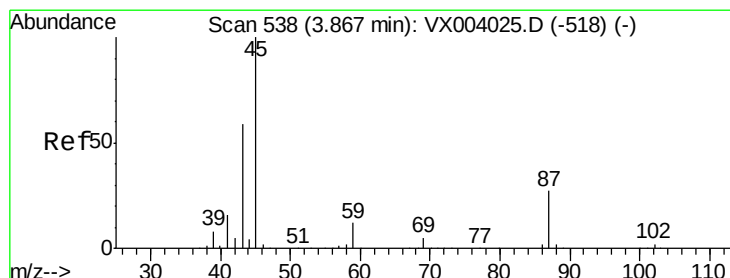
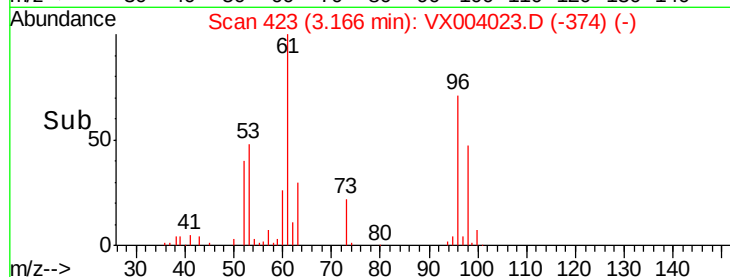
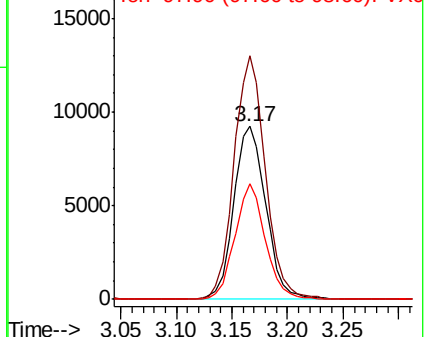
96 100

61 140.7 111.8 167.6

98 66.6 51.8 77.6



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: 4.849 ug/l

RT: 3.86 min Scan# 537

Delta R.T. -0.01 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Tgt Ion: 45 Resp: 60762

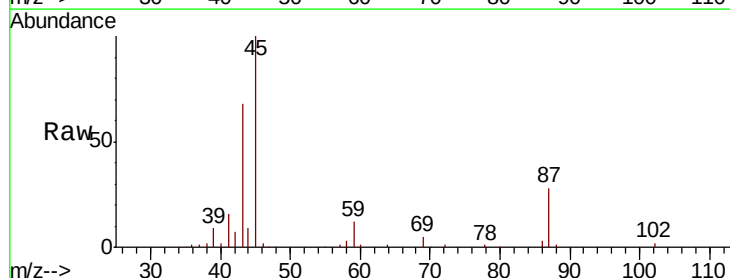
Ion Ratio Lower Upper

45 100

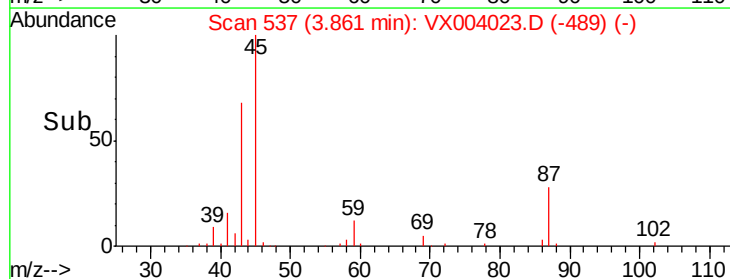
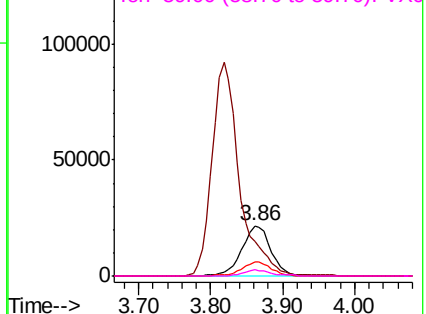
43 67.1 45.3 67.9

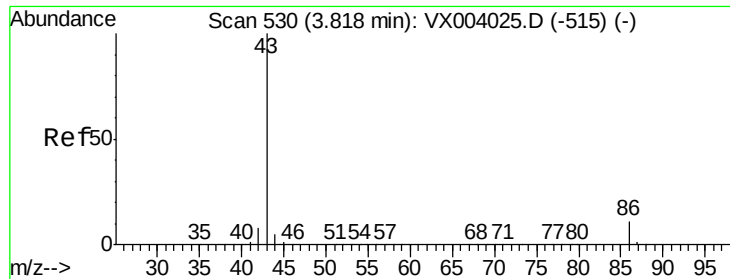
87 28.0 22.7 34.1

59 11.8 9.6 14.4



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: 23.678 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

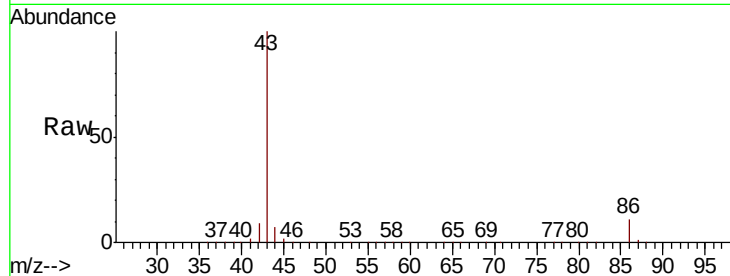
VSTDIC005

Tgt Ion: 43 Resp: 243709

Ion Ratio Lower Upper

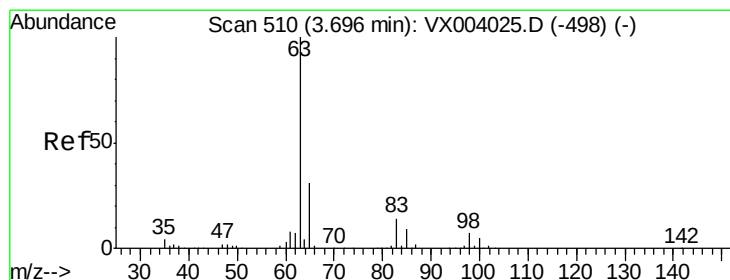
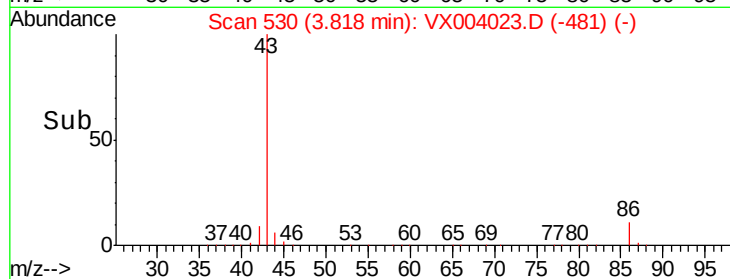
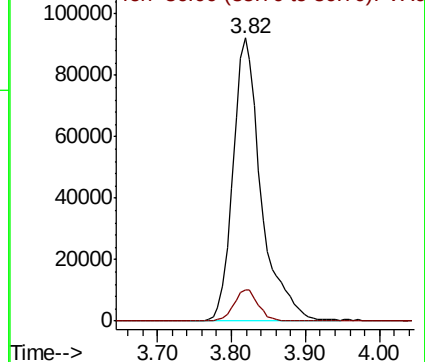
43 100

86 11.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 4.968 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

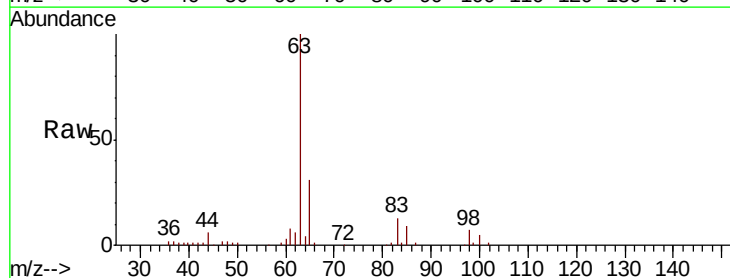
Tgt Ion: 63 Resp: 35259

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

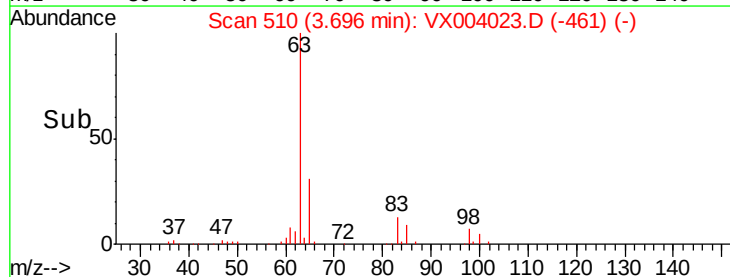
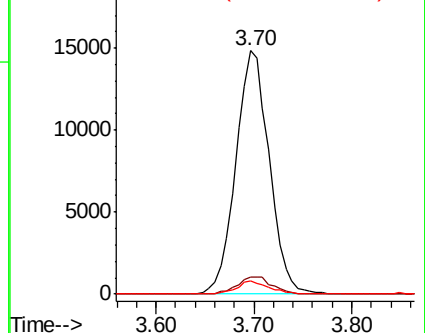
100 5.2 2.3 6.8

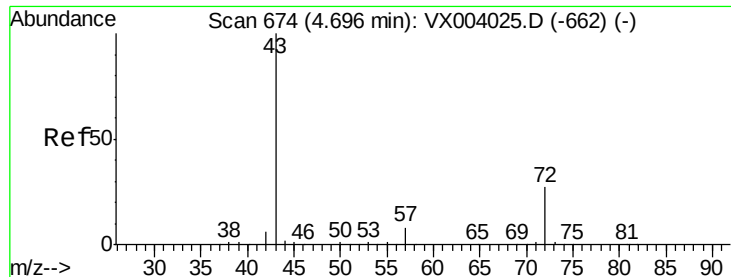


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 24.613 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

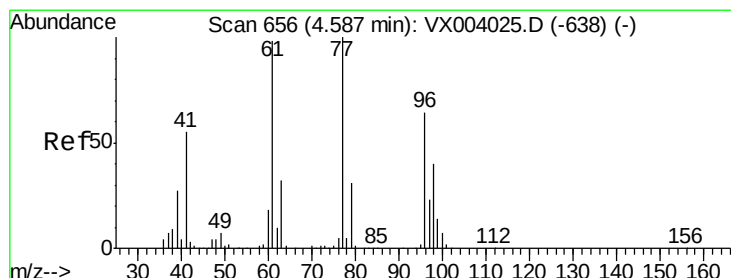
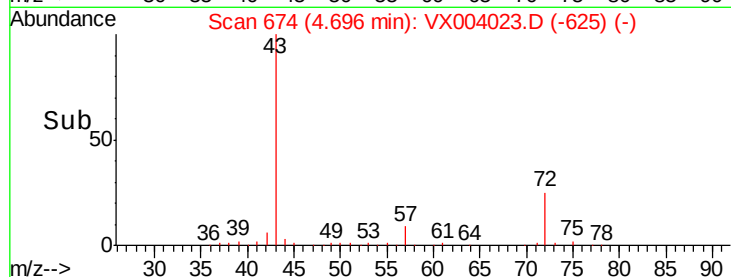
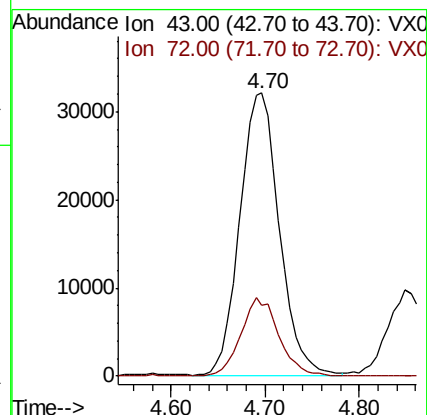
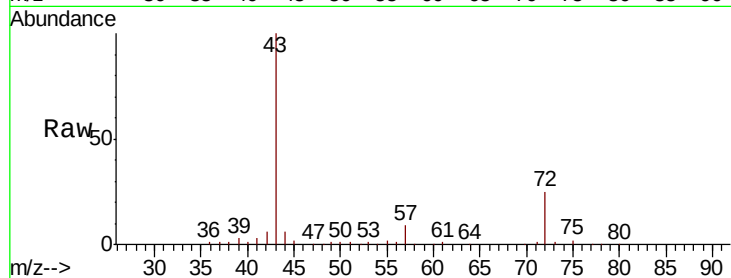
VSTDIC005

Tgt Ion: 43 Resp: 93725

Ion Ratio Lower Upper

43 100

72 25.2 21.4 32.0



#26

2,2-Dichloropropane

Concen: 4.818 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX004023.D

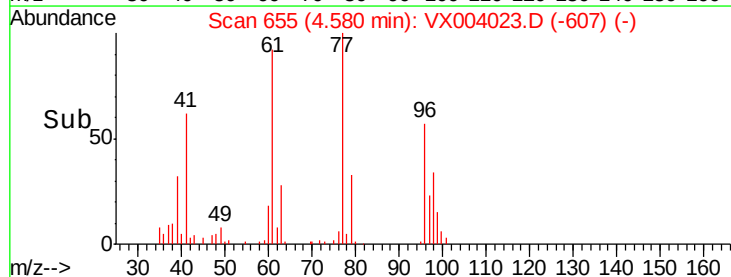
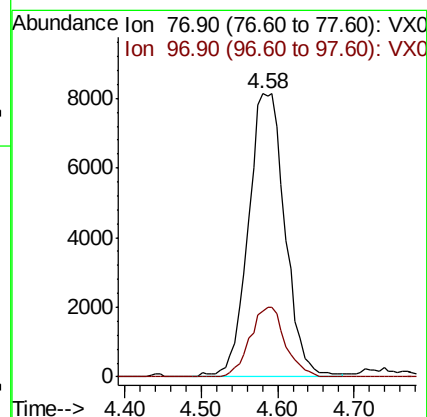
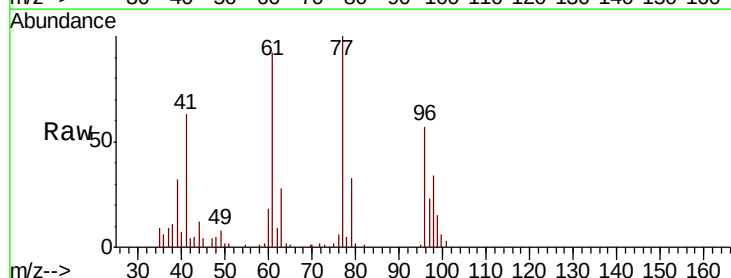
Acq: 14 Aug 2018 11:08

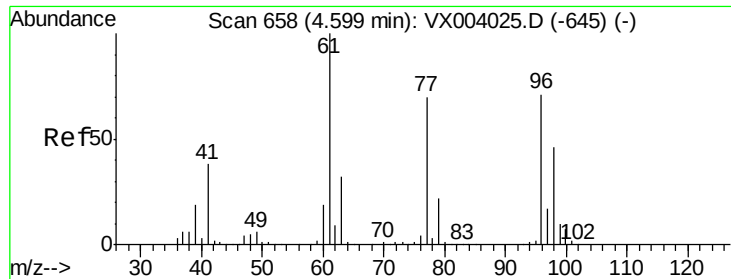
Tgt Ion: 77 Resp: 27189

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.9



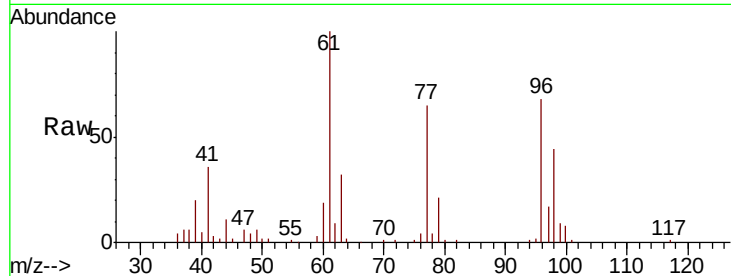


#27

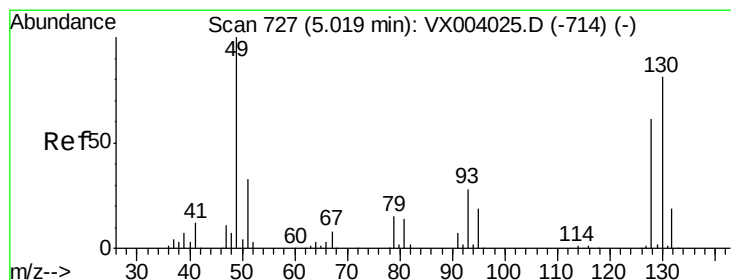
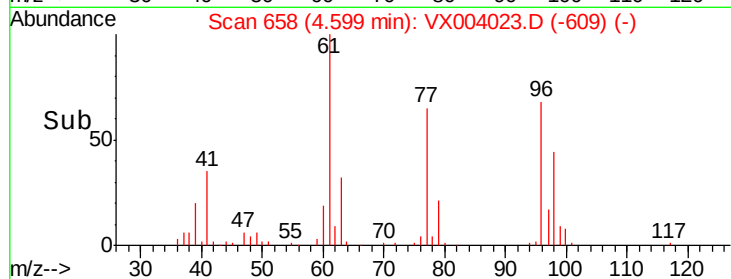
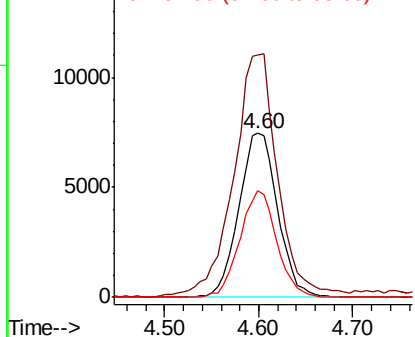
cis-1,2-Dichloroethene
 Concen: 4.986 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 21399
 Ion Ratio Lower Upper
 96 100
 61 170.6 0.0 293.0
 98 61.9 0.0 131.8



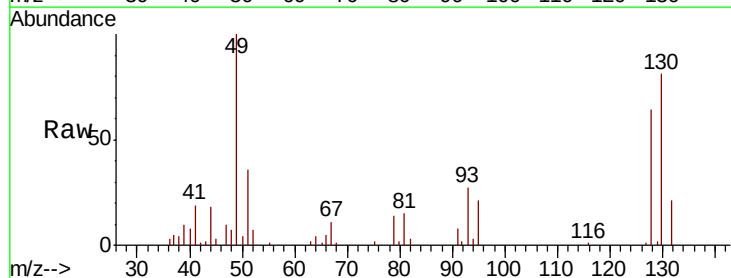
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



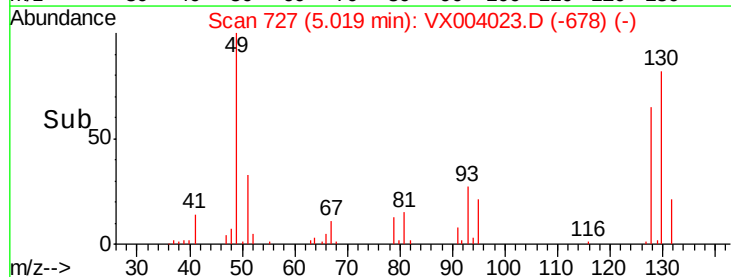
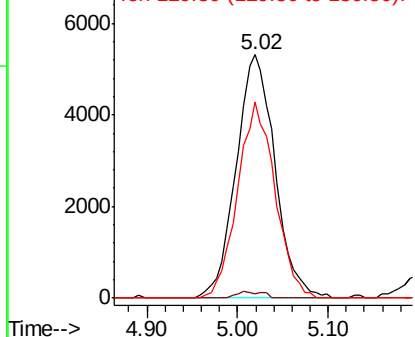
#28

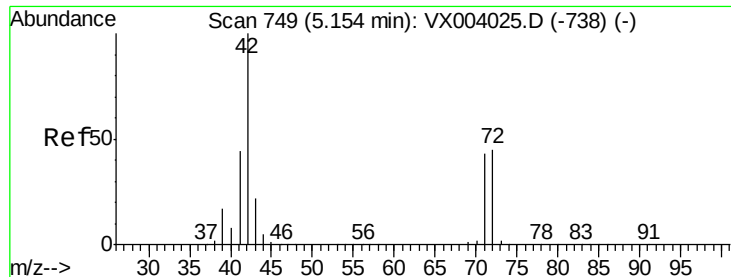
Bromochloromethane
 Concen: 4.837 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

Tgt Ion: 49 Resp: 15751
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.2
 130 77.6 66.5 99.7



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: 24.035 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

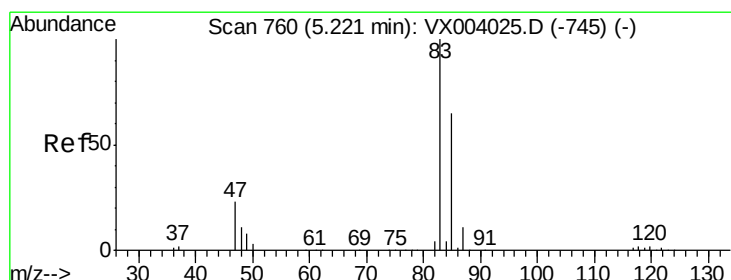
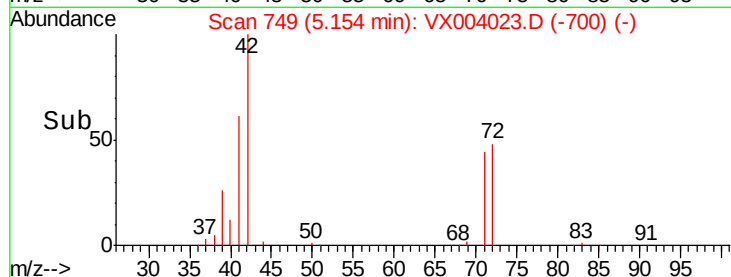
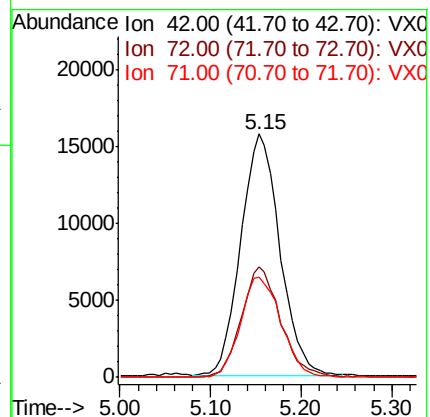
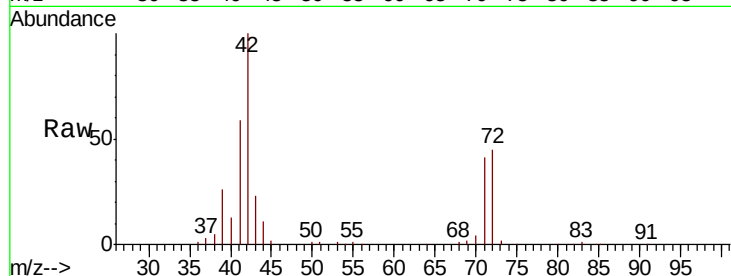
Tgt Ion: 42 Resp: 46761

Ion Ratio Lower Upper

42 100

72 46.0 37.7 56.5

71 43.4 35.0 52.6



#30

Chloroform

Concen: 4.932 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX004023.D

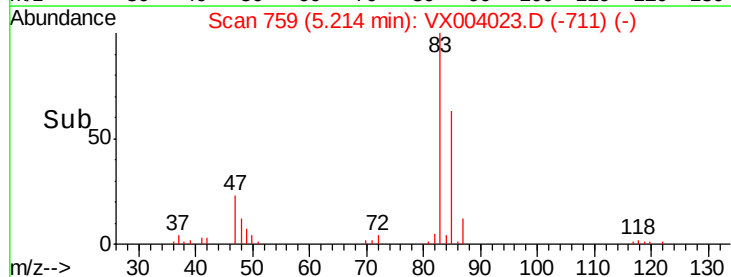
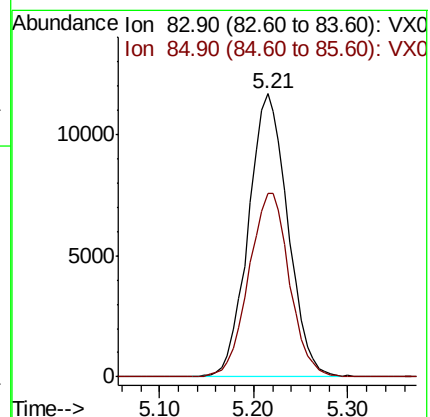
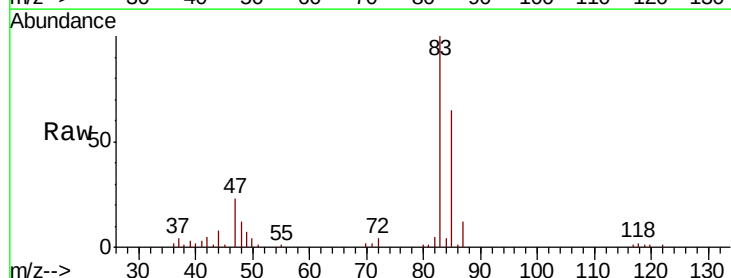
Acq: 14 Aug 2018 11:08

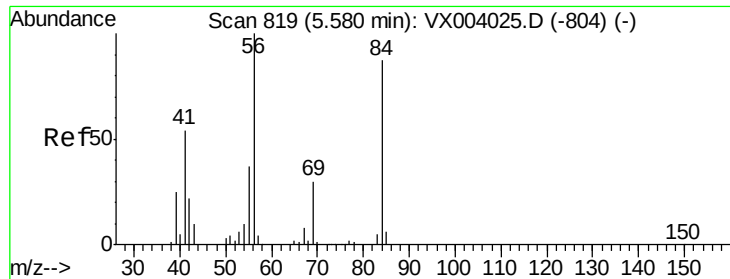
Tgt Ion: 83 Resp: 34165

Ion Ratio Lower Upper

83 100

85 65.0 50.7 76.1

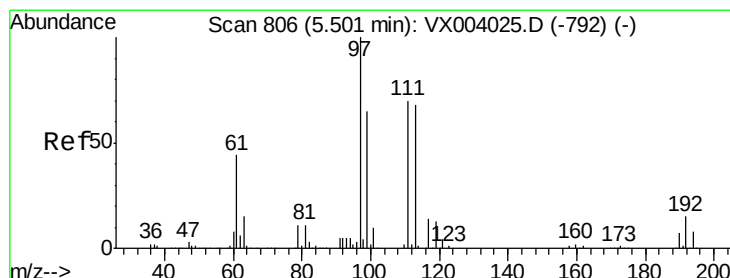
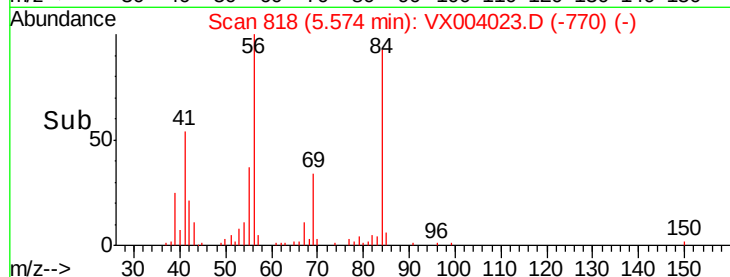
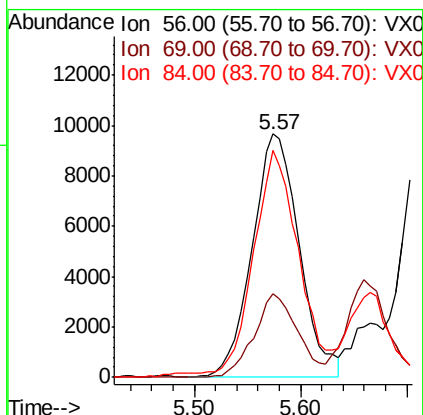
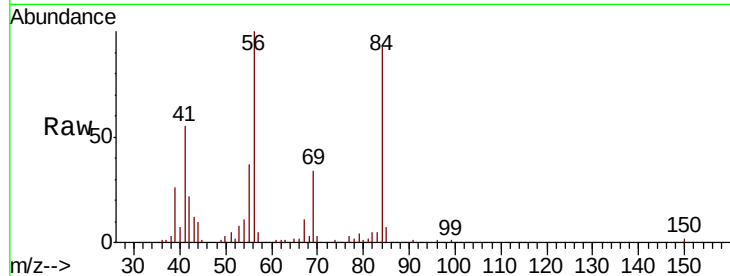




#31
Cyclohexane
Concen: 4.795 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

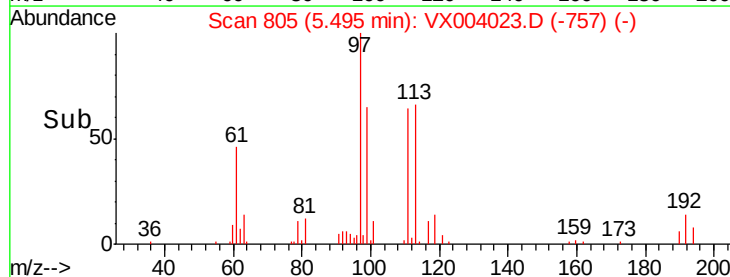
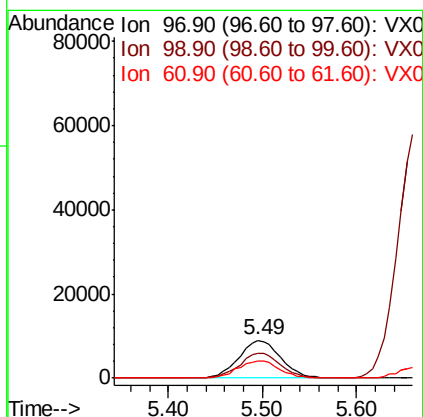
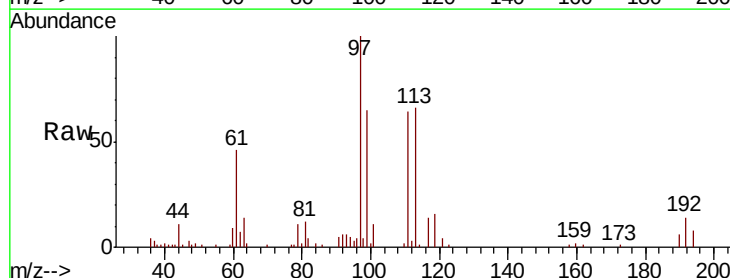
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

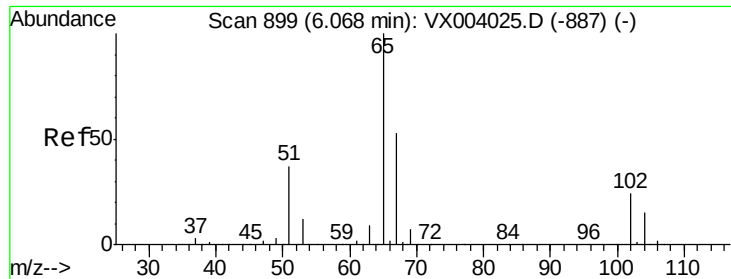
Tgt Ion: 56 Resp: 29839
Ion Ratio Lower Upper
56 100
69 34.1 24.9 37.3
84 91.4 71.7 107.5



#32
1,1,1-Trichloroethane
Concen: 4.827 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Tgt Ion: 97 Resp: 27941
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.8
61 46.6 34.4 51.6

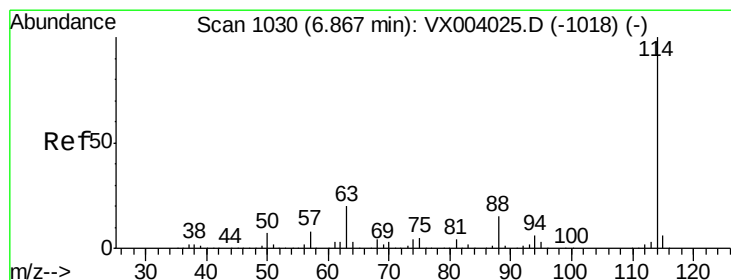
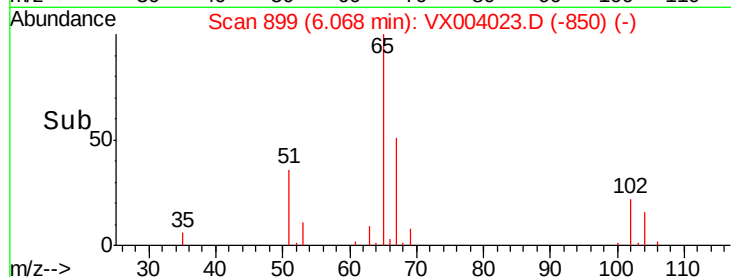
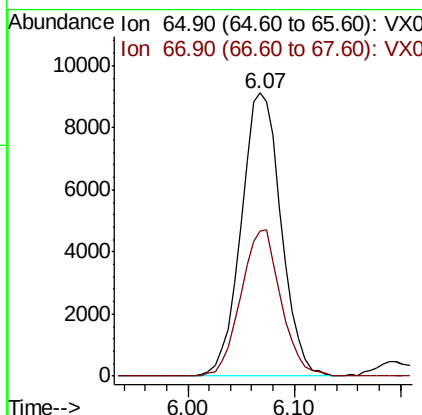
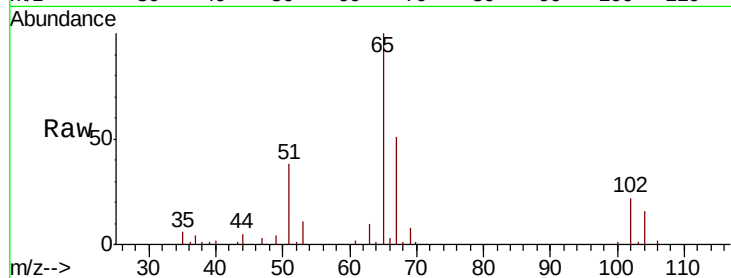




#33
 1,2-Dichloroethane-d4
 Concen: 5.328 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

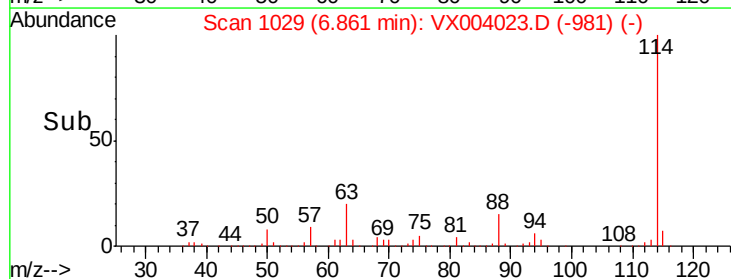
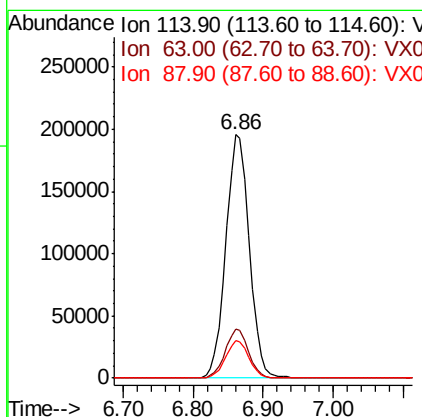
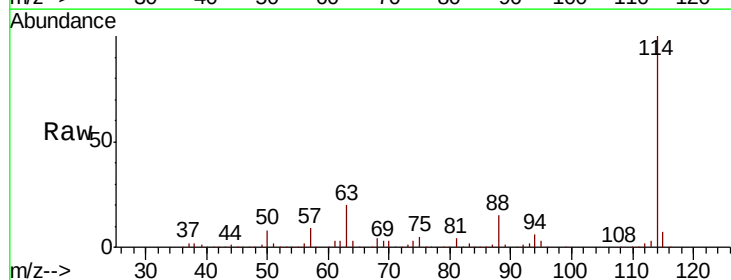
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

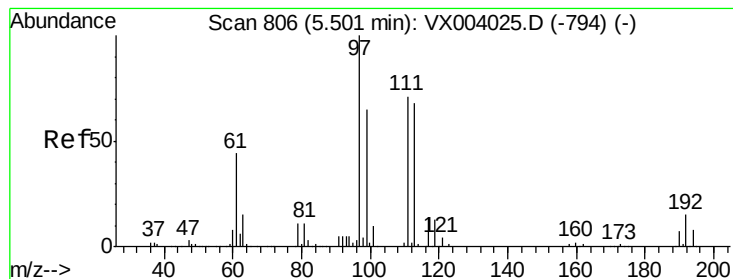
Tgt Ion: 65 Resp: 23984
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

Tgt Ion: 114 Resp: 456702
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 5.171 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

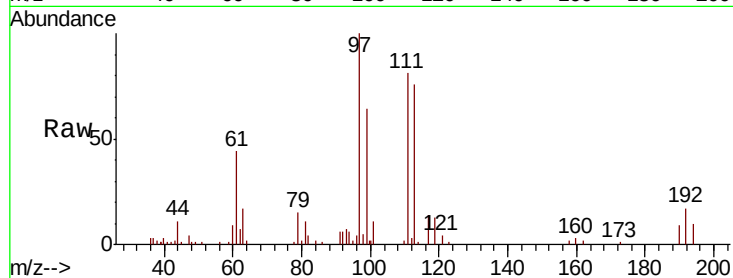
Tgt Ion:113 Resp: 17676

Ion Ratio Lower Upper

113 100

111 105.3 82.0 123.0

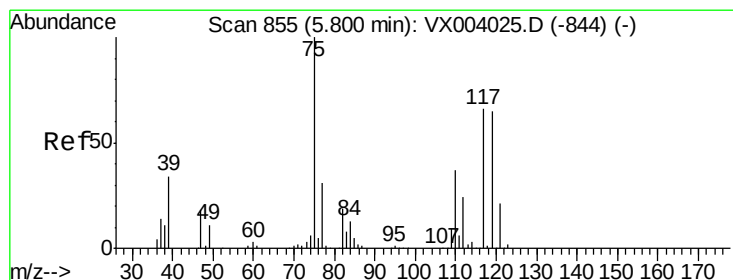
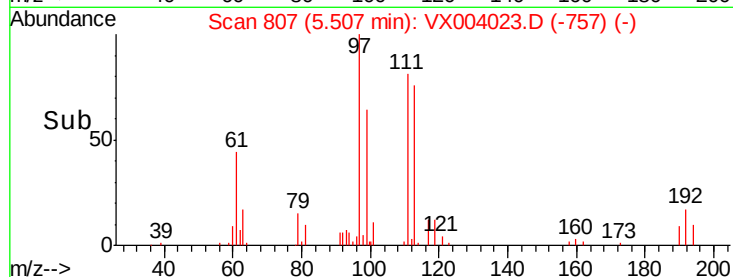
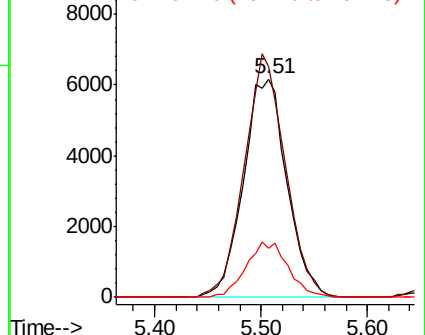
192 24.4 19.0 28.4



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: 4.714 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

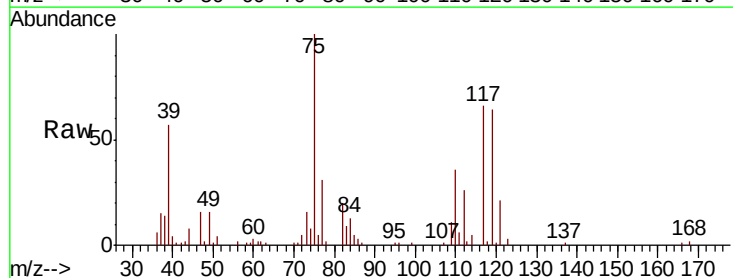
Tgt Ion: 75 Resp: 24500

Ion Ratio Lower Upper

75 100

110 37.7 18.2 54.6

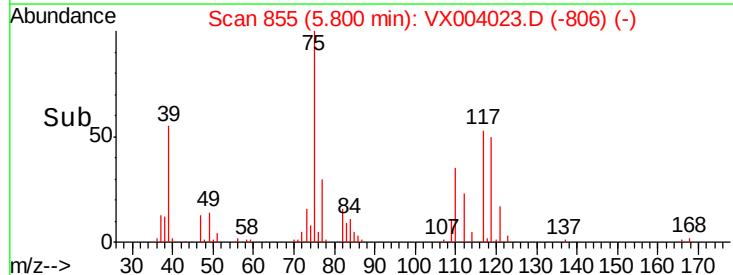
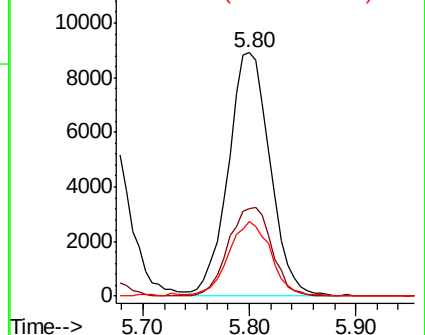
77 31.5 25.0 37.4

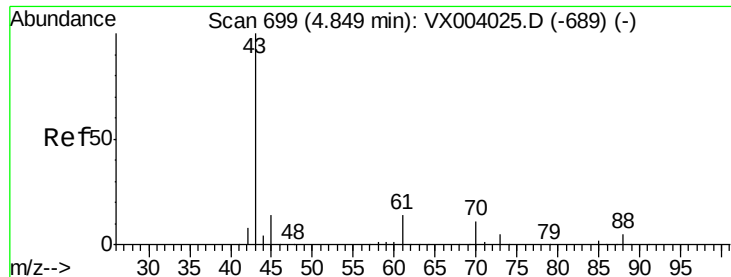


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

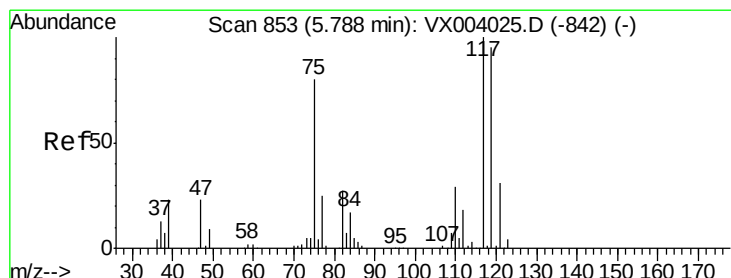
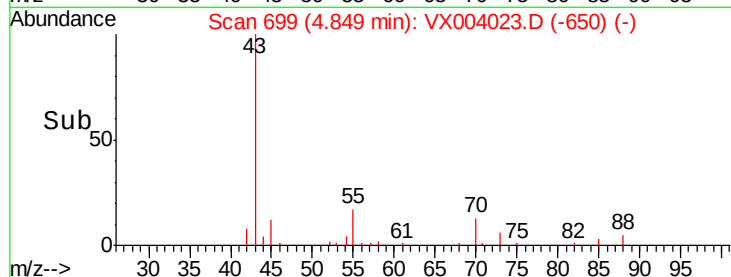
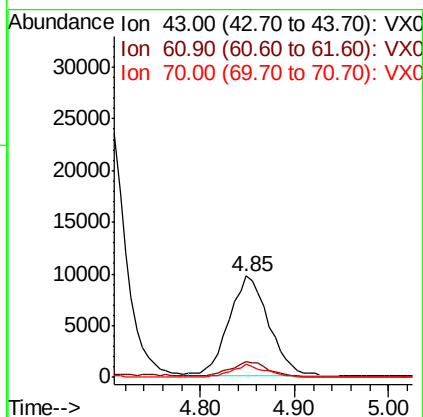
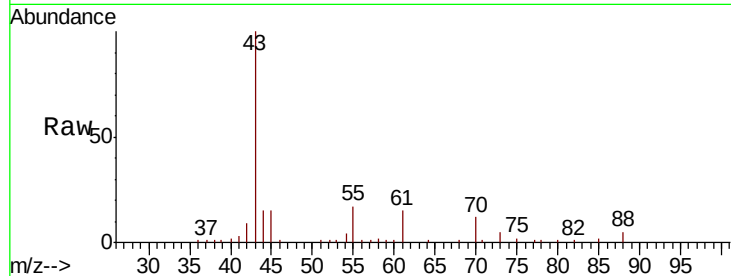




#37
Ethyl Acetate
Concen: 5.051 ug/l
RT: 4.85 min Scan# 699
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

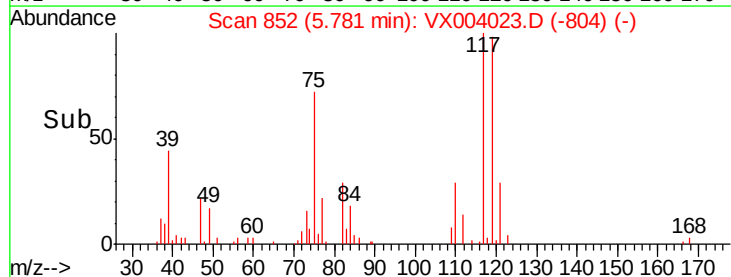
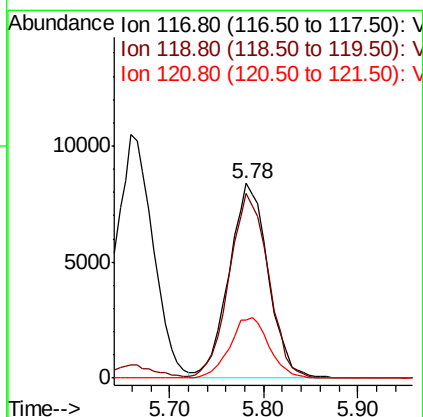
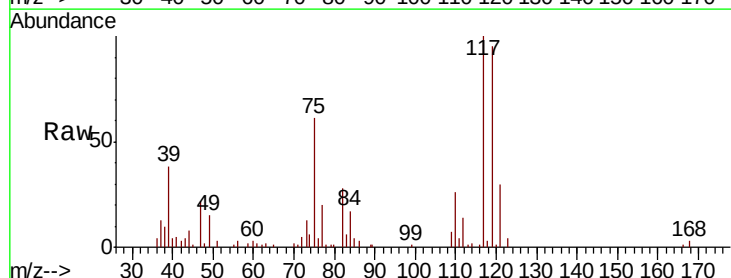
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

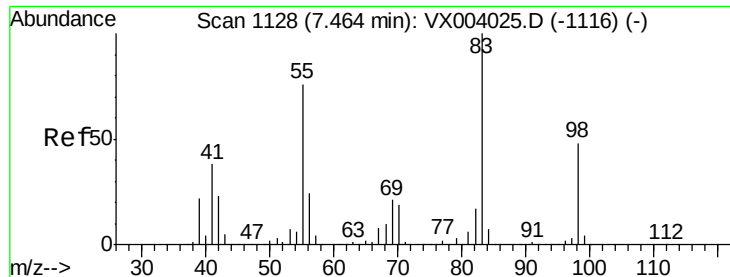
Tgt Ion: 43 Resp: 28586
Ion Ratio Lower Upper
43 100
61 16.1 11.5 17.3
70 11.2 9.0 13.4



#38
Carbon Tetrachloride
Concen: 4.822 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Tgt Ion: 117 Resp: 24347
Ion Ratio Lower Upper
117 100
119 95.2 79.5 119.3
121 29.6 25.0 37.4

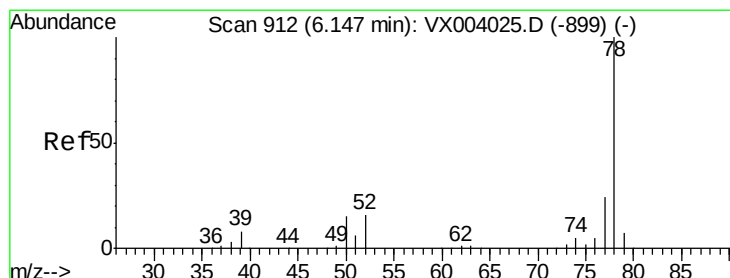
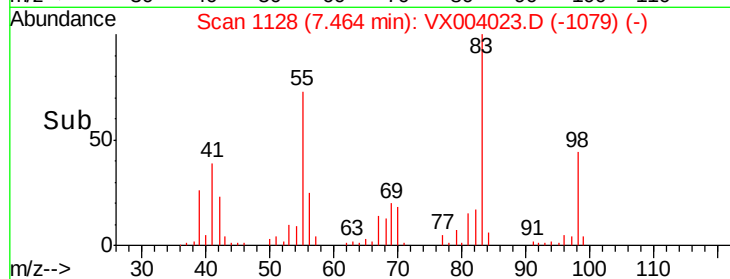
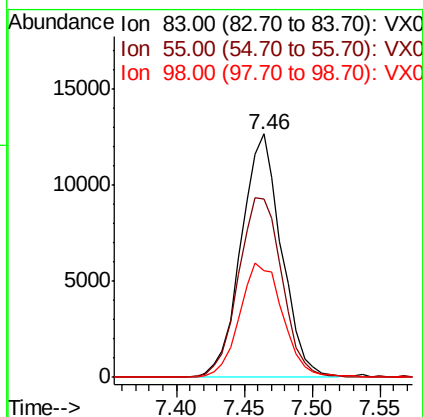
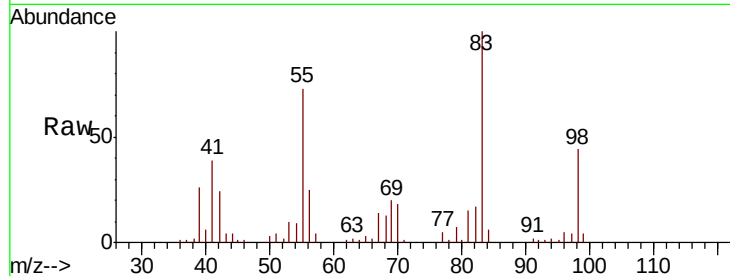




#39
Methylcyclohexane
Concen: 4.447 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

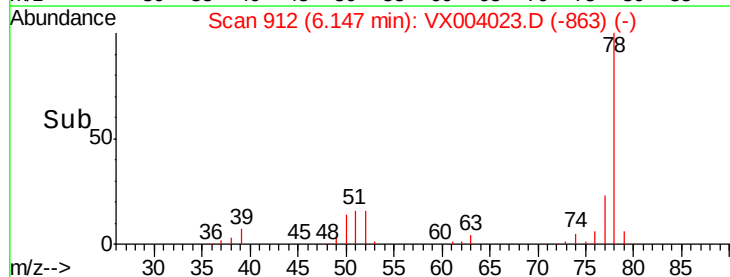
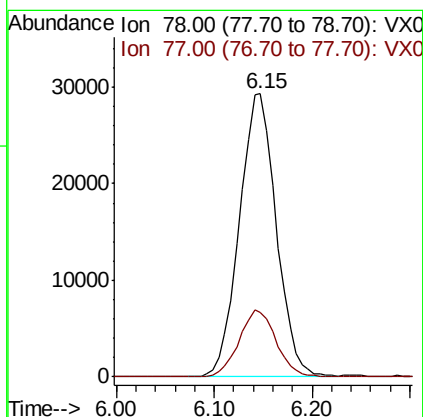
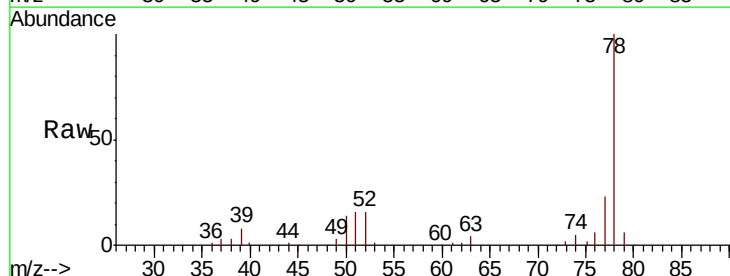
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

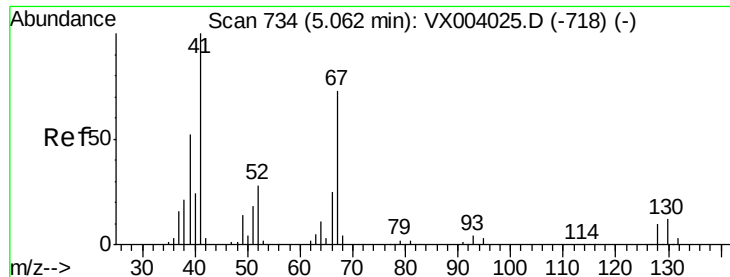
Tgt Ion: 83 Resp: 26219
Ion Ratio Lower Upper
83 100
55 73.2 61.0 91.6
98 44.0 38.6 57.8



#40
Benzene
Concen: 4.907 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Tgt Ion: 78 Resp: 76573
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4

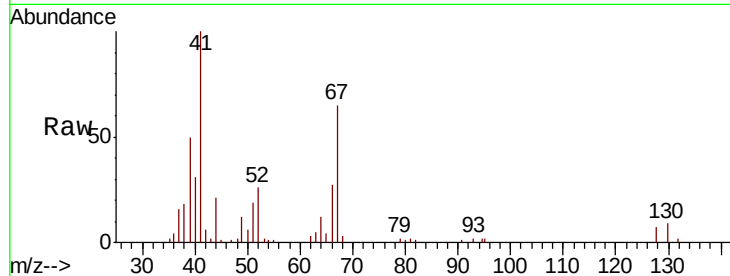




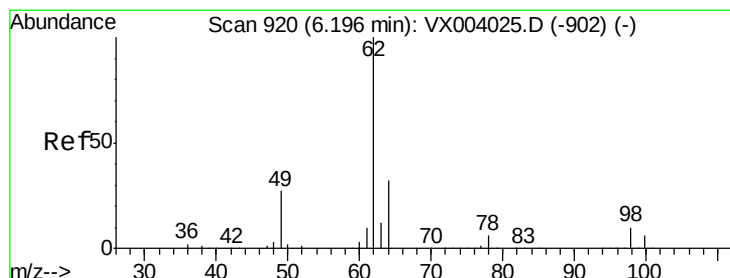
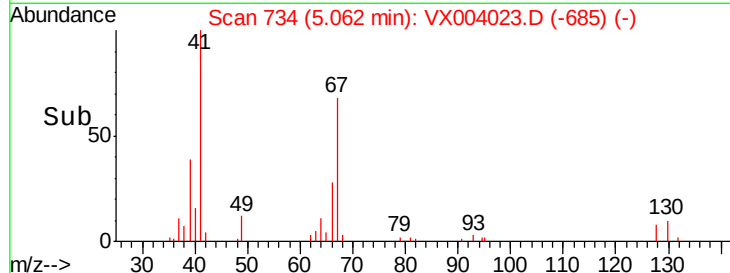
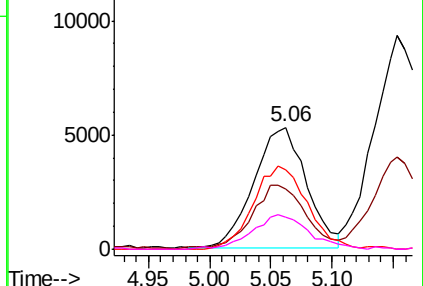
#41
Methacrylonitrile
Concen: 4.972 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion:	41	Resp:	15759
Ion	Ratio	Lower	Upper
41	100		
39	55.4	42.7	64.1
67	70.8	58.9	88.3
52	30.8	22.6	33.8

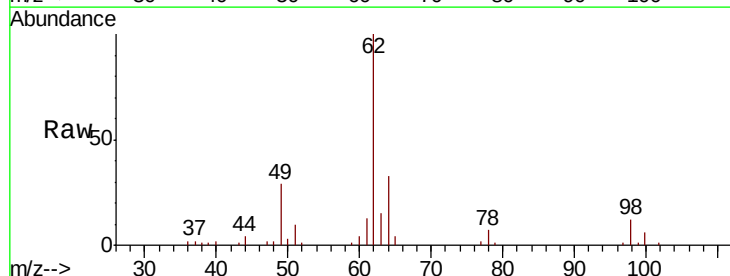


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

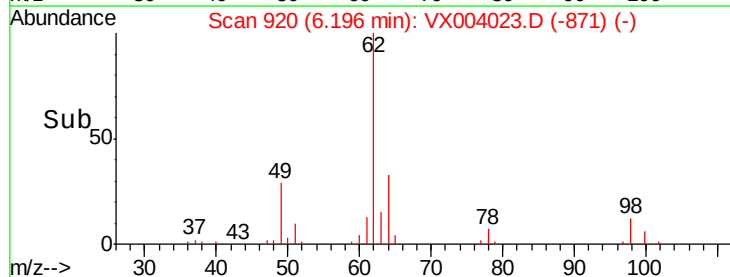
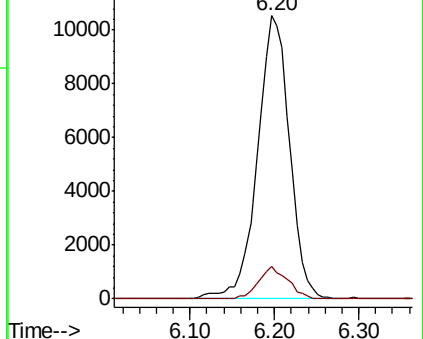


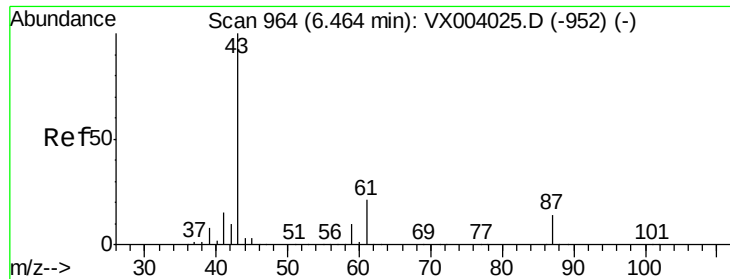
#42
1,2-Dichloroethane
Concen: 5.061 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Tgt Ion:	62	Resp:	27646
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.711 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

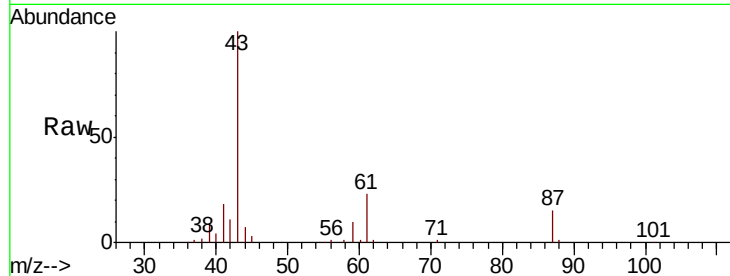
Tgt Ion: 43 Resp: 39296

Ion Ratio Lower Upper

43 100

61 21.1 16.9 25.3

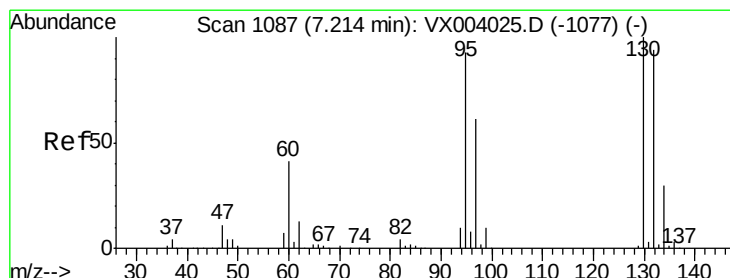
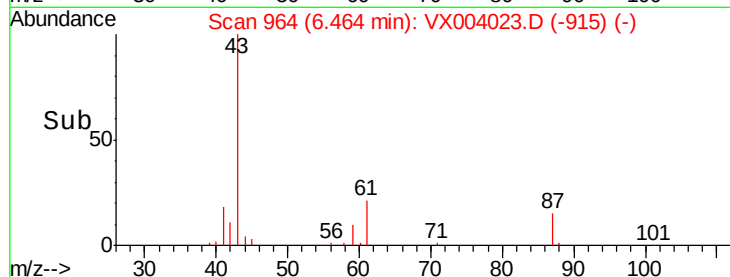
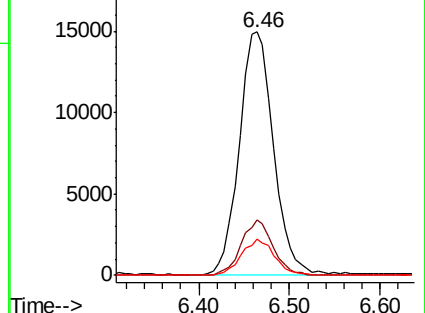
87 14.2 11.3 16.9



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: 4.844 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004023.D

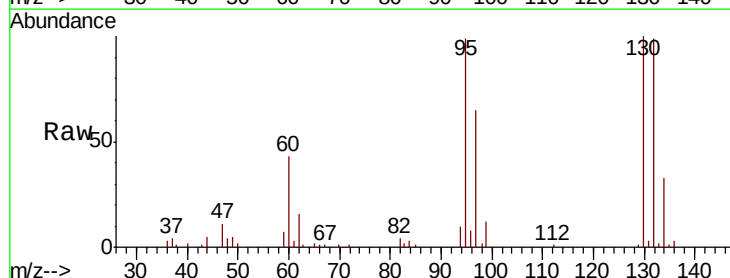
Acq: 14 Aug 2018 11:08

Tgt Ion: 130 Resp: 20523

Ion Ratio Lower Upper

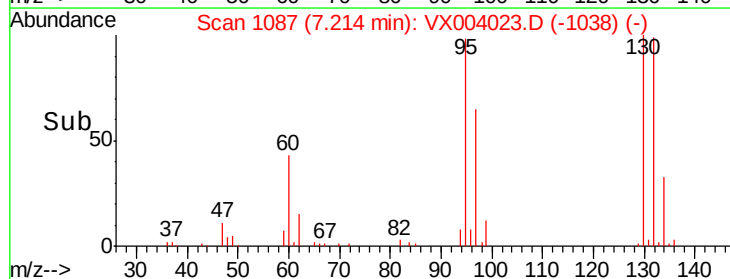
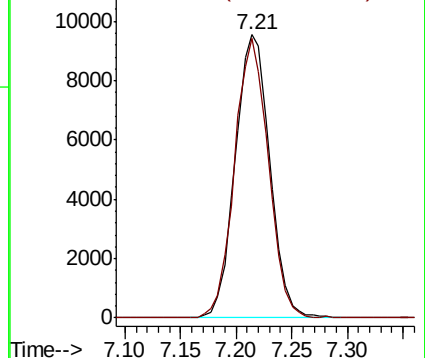
130 100

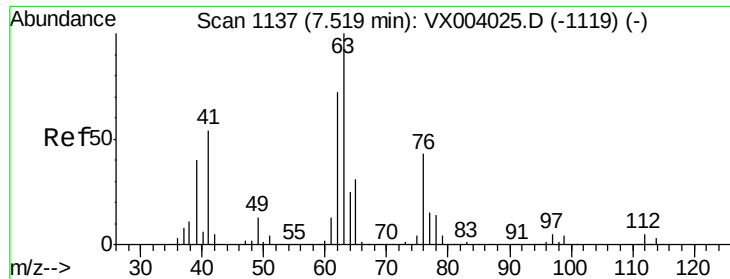
95 98.6 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

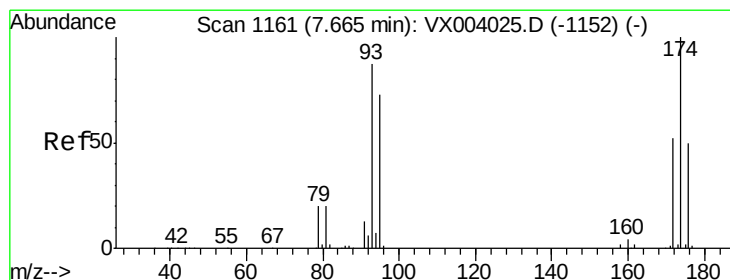
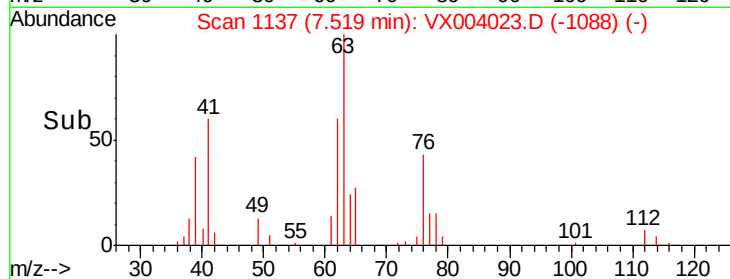
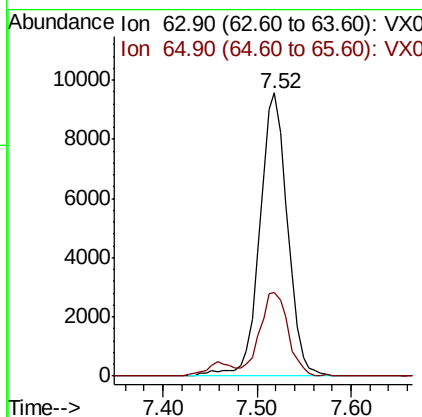
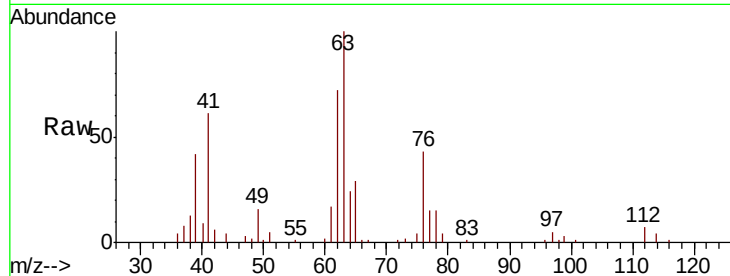




#45
 1,2-Dichloropropane
 Concen: 4.971 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

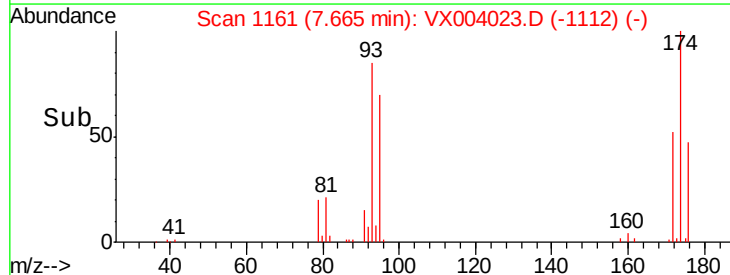
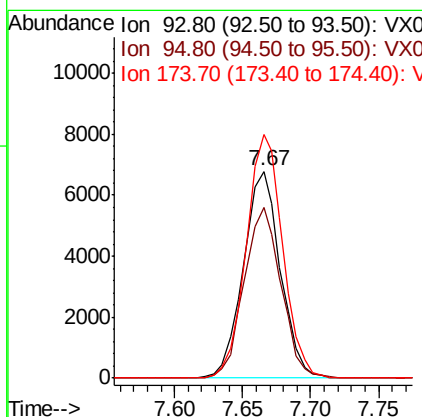
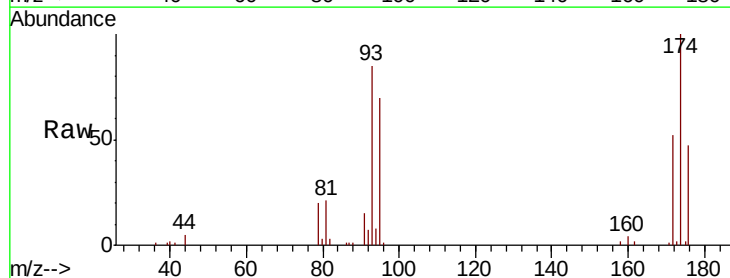
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

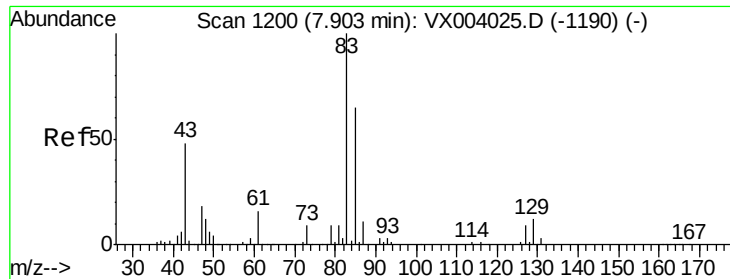
Tgt Ion: 63 Resp: 19858
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.6 36.8



#46
 Dibromomethane
 Concen: 4.937 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

Tgt Ion: 93 Resp: 12888
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.4 99.6
 174 116.1 94.3 141.5





#47

Bromodichloromethane

Concen: 4.767 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

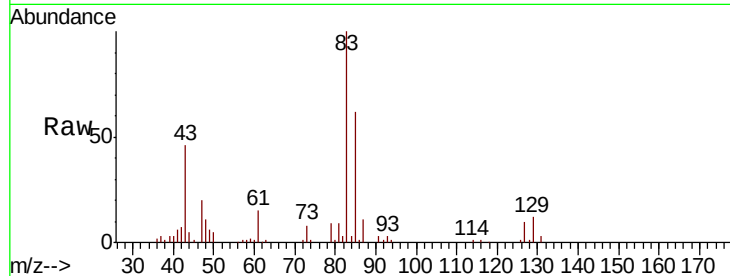
Tgt Ion: 83 Resp: 23568

Ion Ratio Lower Upper

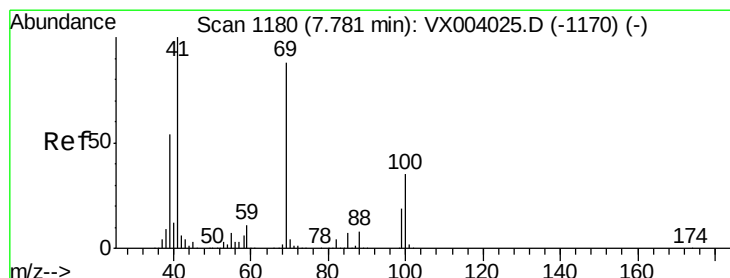
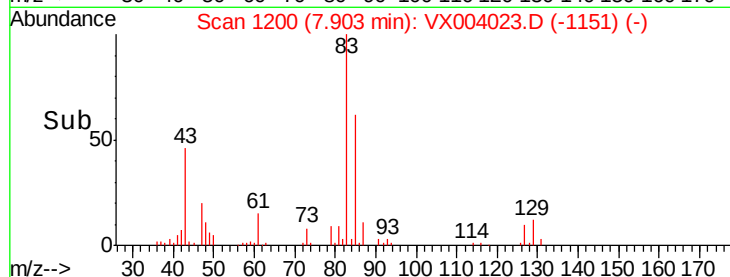
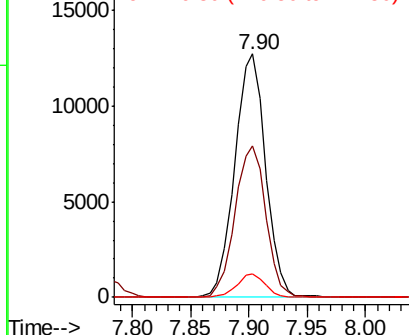
83 100

85 62.3 51.2 76.8

127 9.5 7.2 10.8



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: 4.426 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

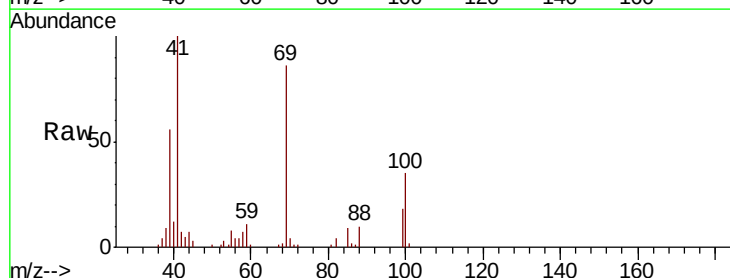
Tgt Ion: 41 Resp: 18586

Ion Ratio Lower Upper

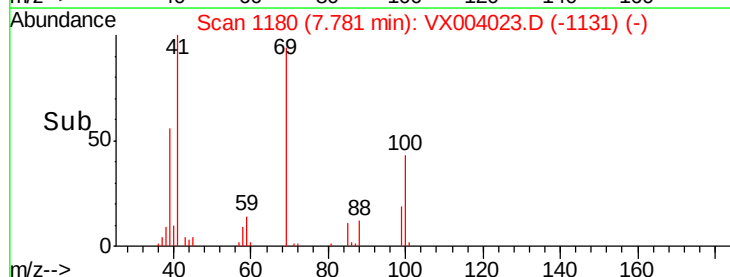
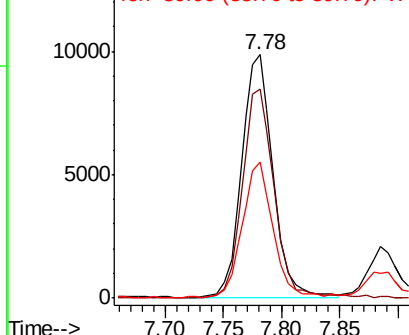
41 100

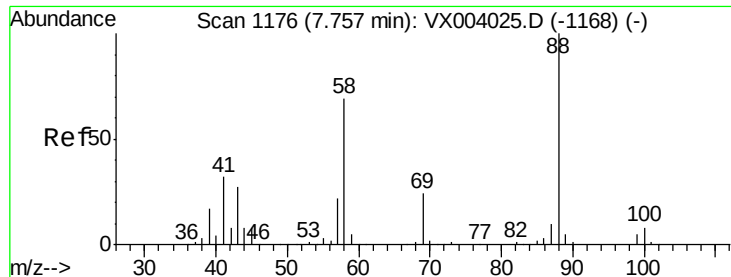
69 86.7 68.8 103.2

39 54.7 42.3 63.5



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

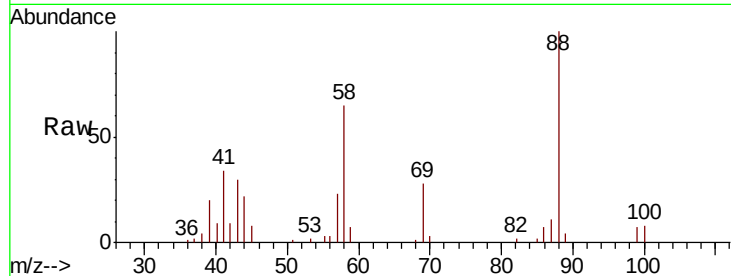




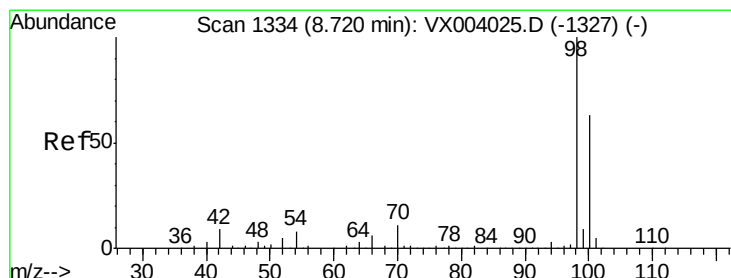
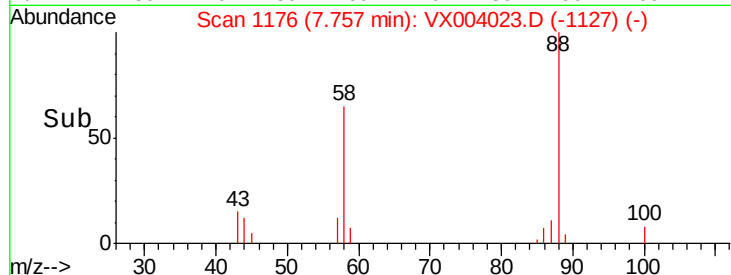
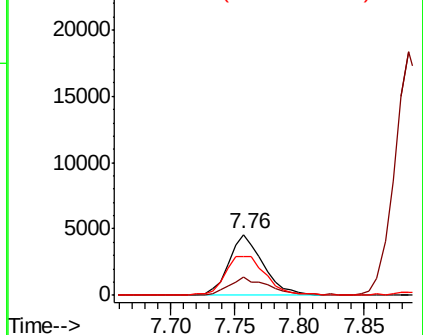
#49
1,4-Dioxane
Concen: 89.219 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 8435
Ion Ratio Lower Upper
88 100
43 34.8 23.8 35.8
58 77.3 55.4 83.0

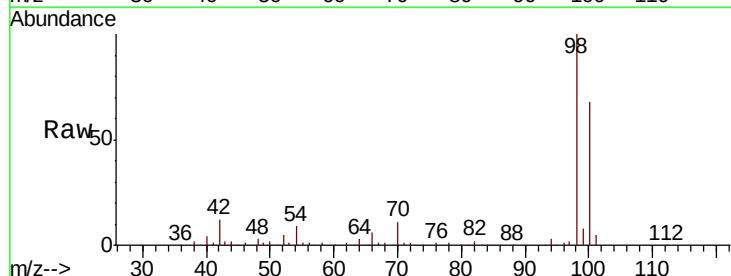


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

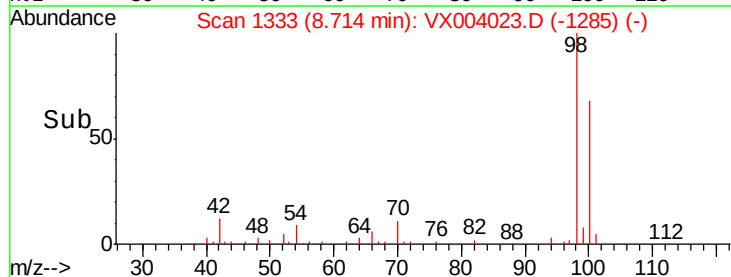
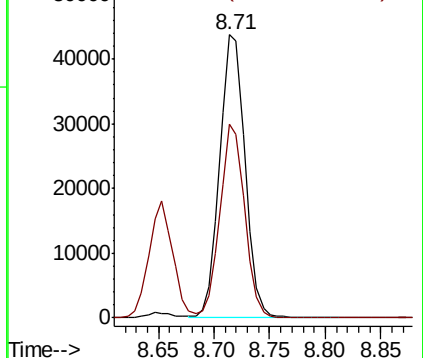


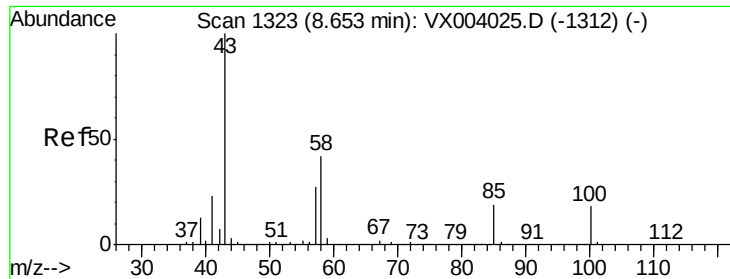
#50
Toluene-d8
Concen: 4.987 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Tgt Ion: 98 Resp: 69116
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



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

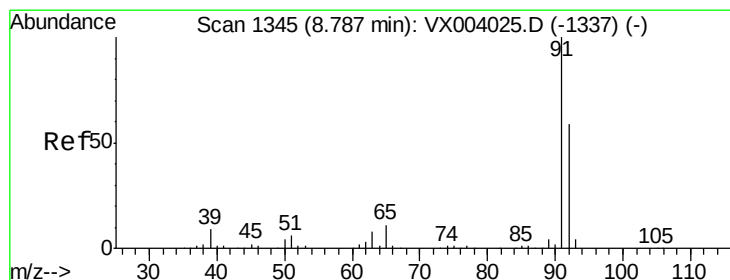
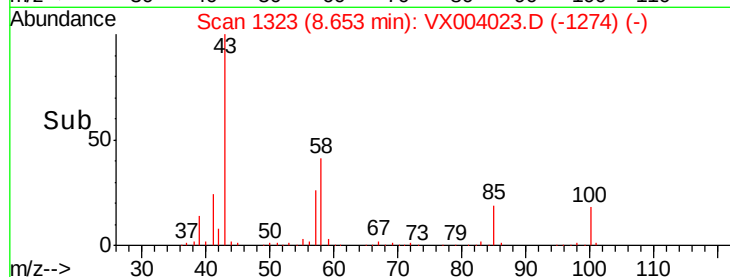
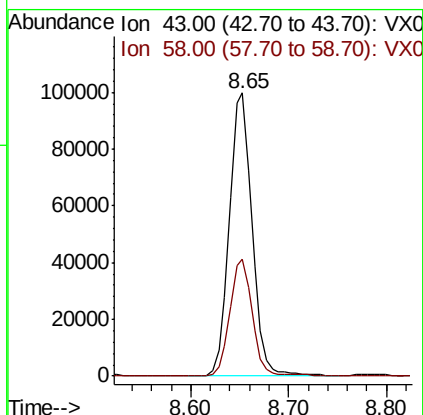
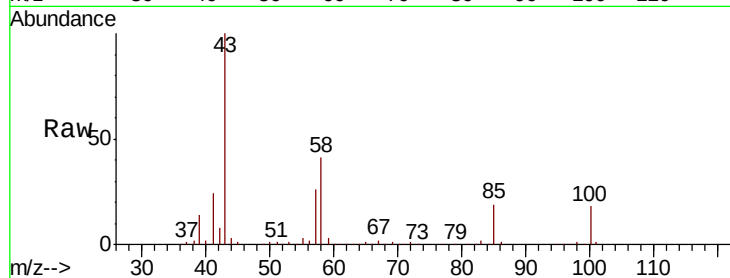




#51
4-Methyl-2-Pentanone
Concen: 23.493 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

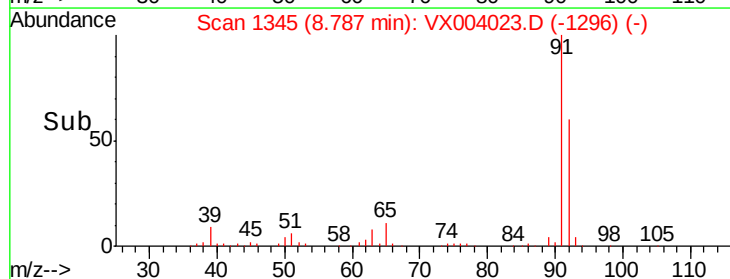
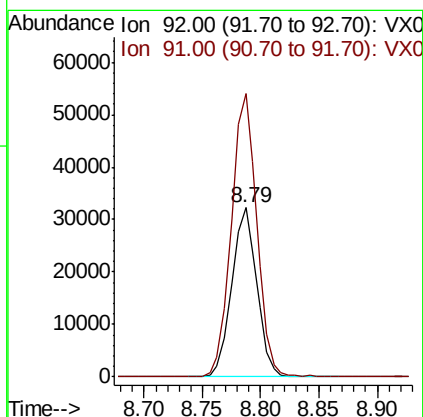
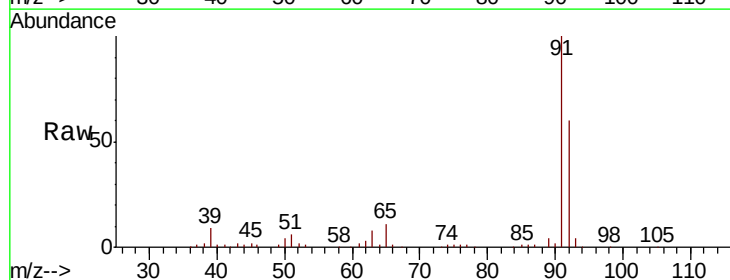
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

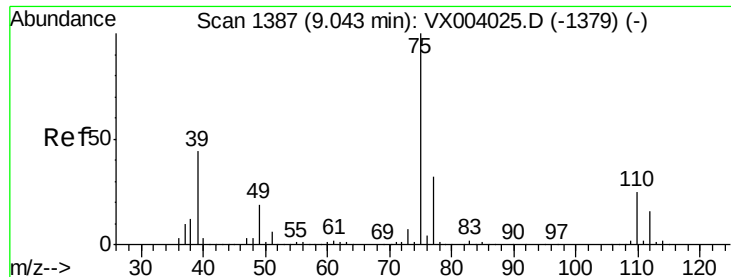
Tgt Ion: 43 Resp: 160689
Ion Ratio Lower Upper
43 100
58 40.3 33.0 49.6



#52
Toluene
Concen: 4.905 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Tgt Ion: 92 Resp: 48409
Ion Ratio Lower Upper
92 100
91 169.9 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 4.352 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

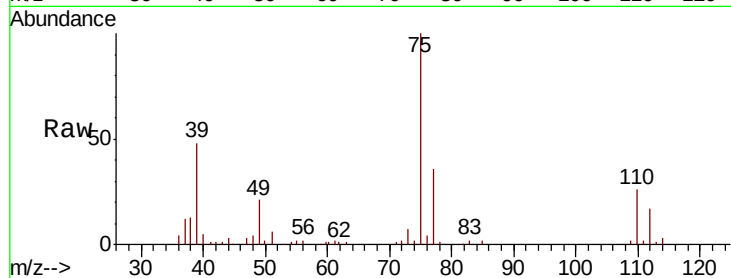
VSTDIC005

Tgt Ion: 75 Resp: 23245

Ion Ratio Lower Upper

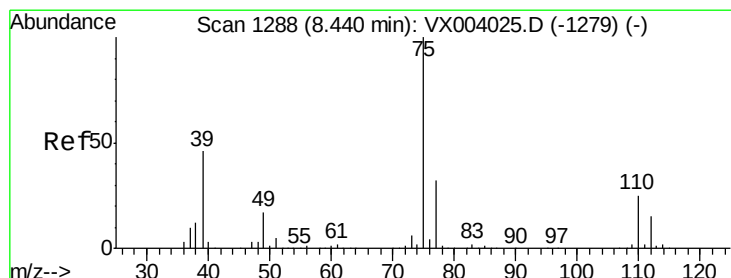
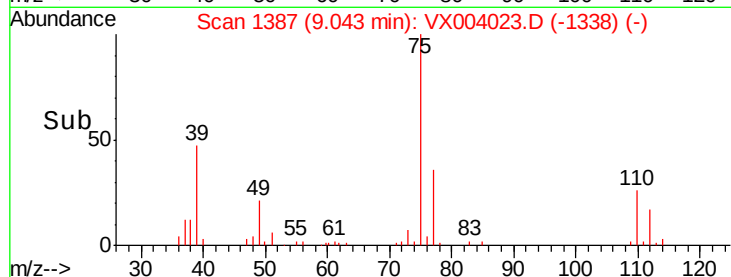
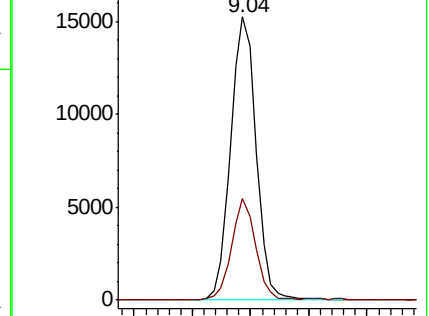
75 100

77 35.8 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 4.482 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

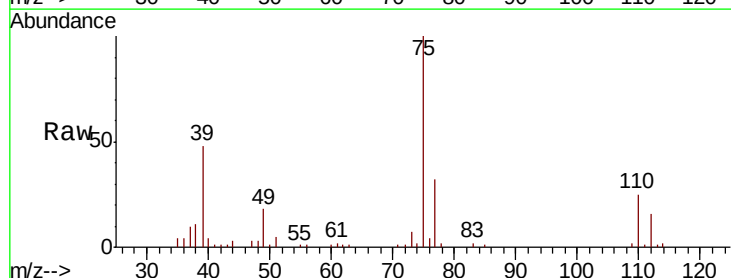
Tgt Ion: 75 Resp: 26514

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

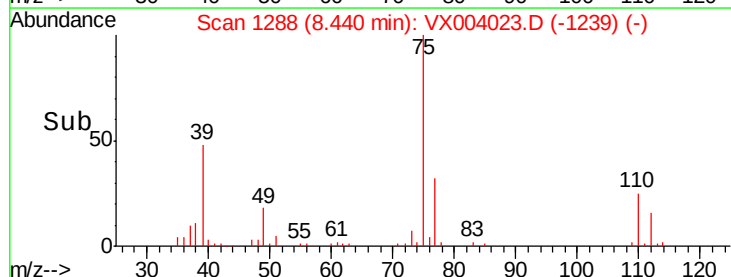
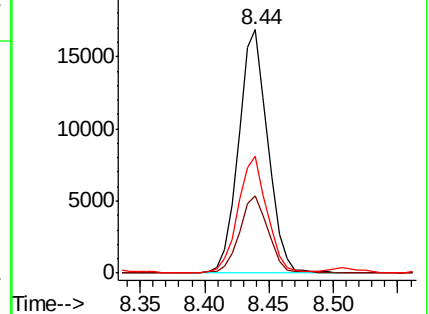
39 48.0 36.2 54.2

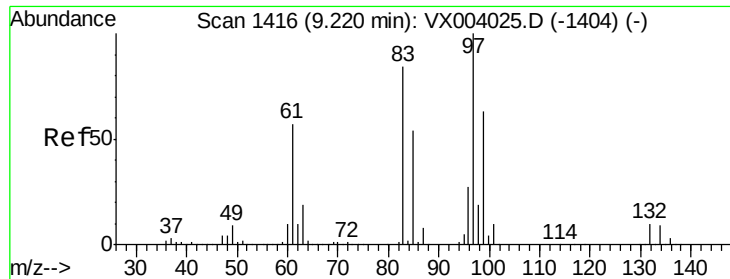


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

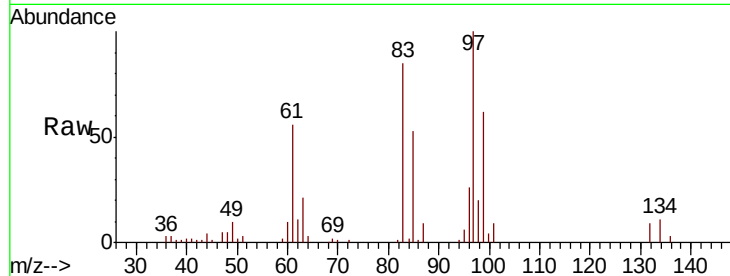




#55
 1,1,2-Trichloroethane
 Concen: 5.000 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	20380
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.8	101.6
85	53.2	44.2	66.2
99	61.8	50.8	76.2



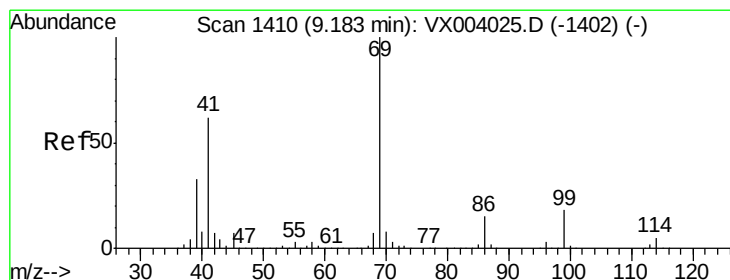
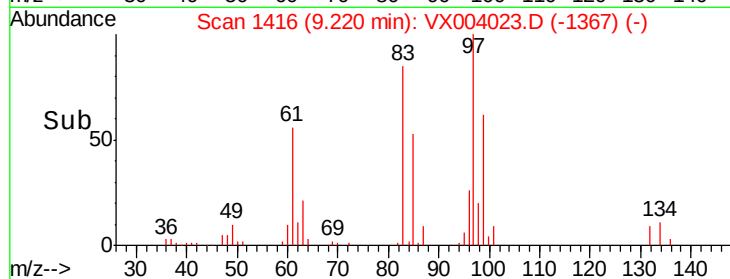
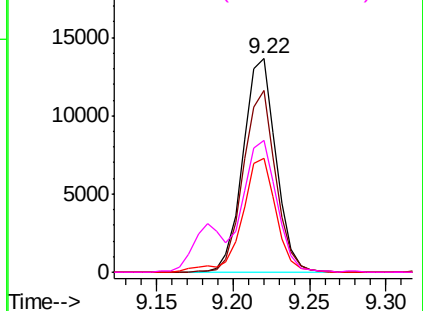
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

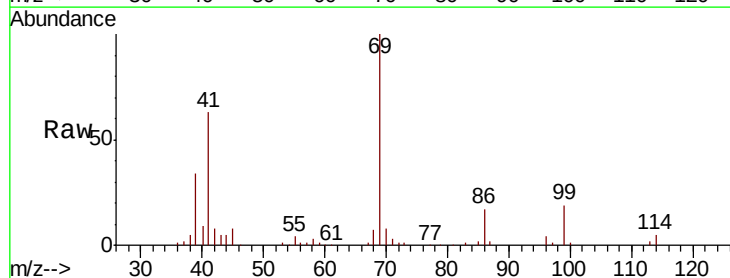
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 4.204 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

Tgt Ion:	69	Resp:	23301
Ion	Ratio	Lower	Upper
69	100		
41	63.6	50.6	76.0
39	36.0	25.8	38.6

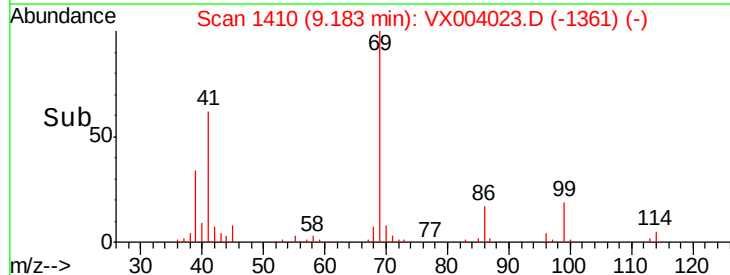
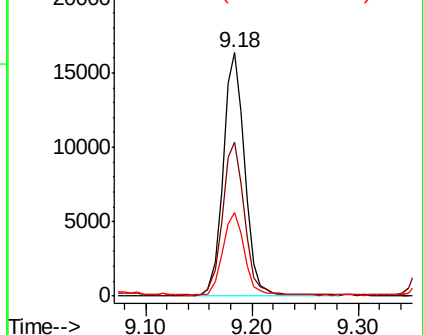


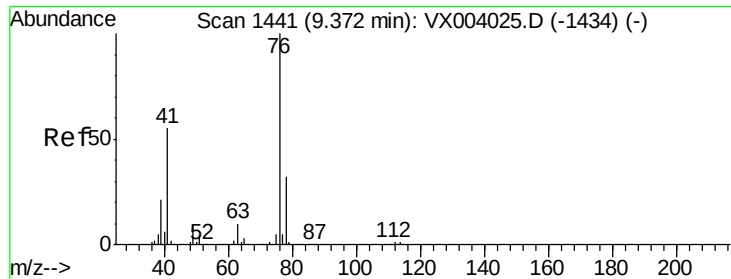
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

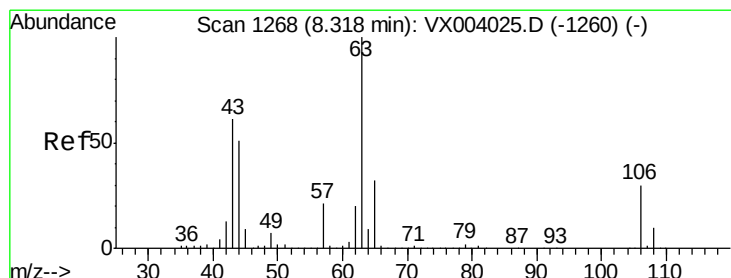
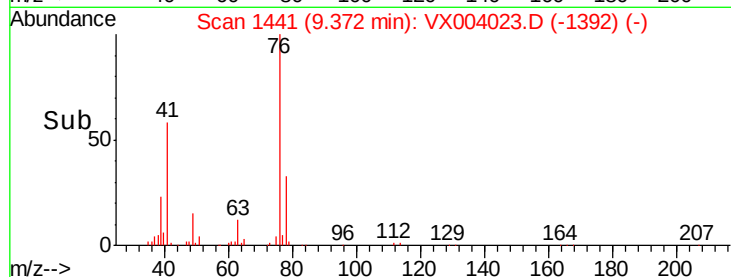
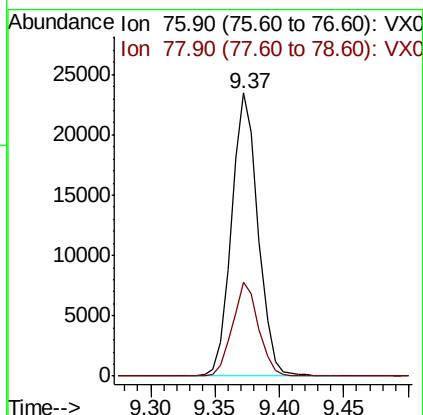
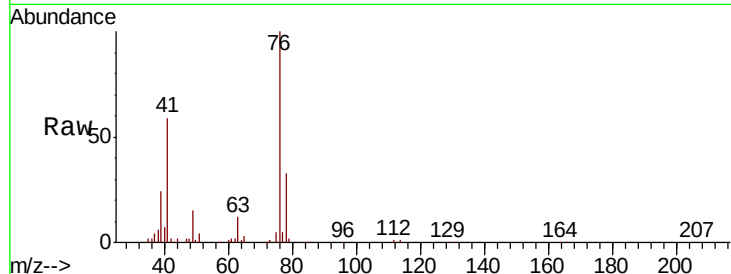




#57
 1,3-Dichloropropane
 Concen: 4.971 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

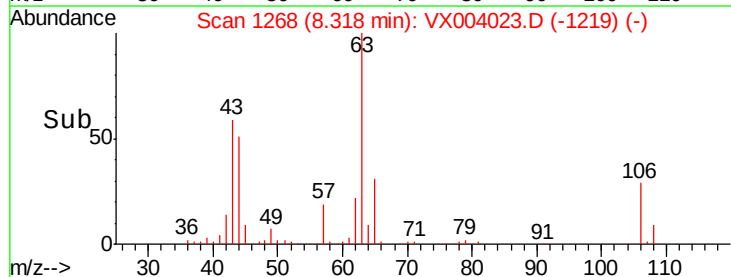
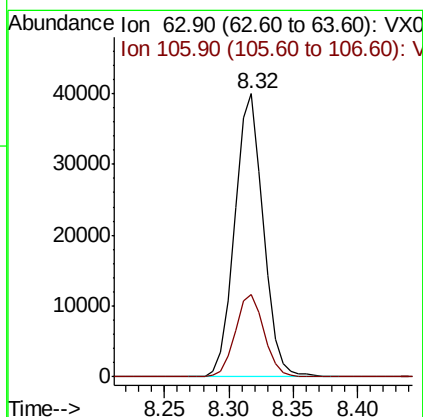
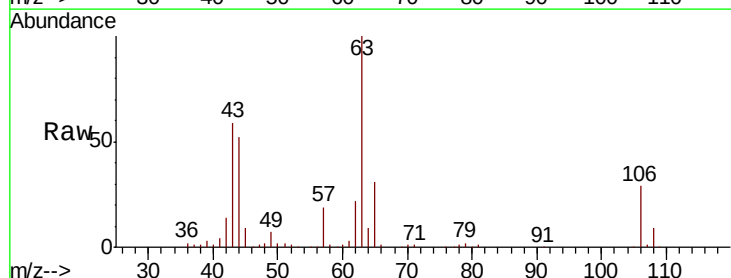
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

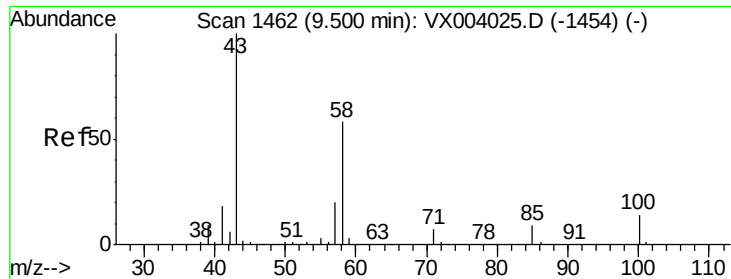
Tgt Ion: 76 Resp: 33613
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 21.822 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

Tgt Ion: 63 Resp: 61583
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.8 35.8

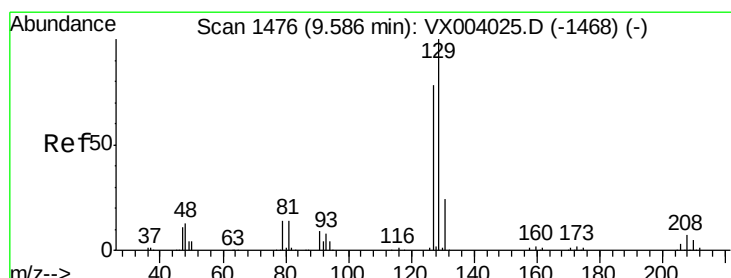
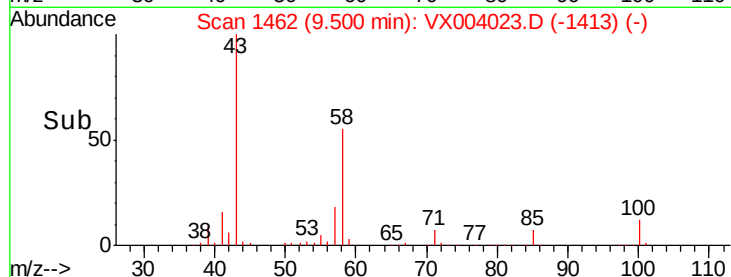
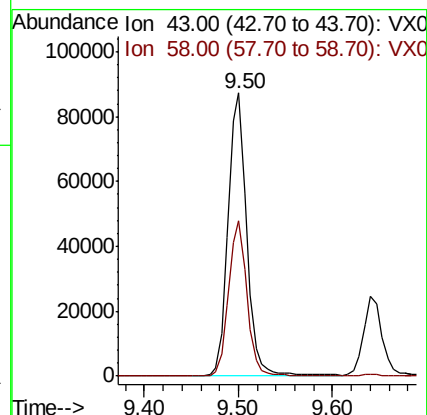
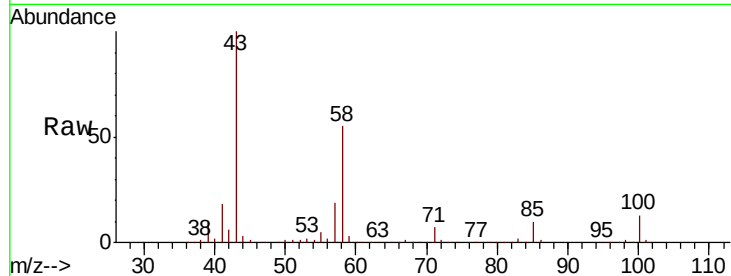




#59
2-Hexanone
Concen: 23.323 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

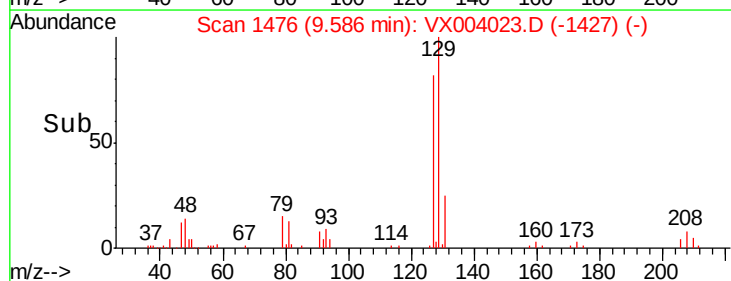
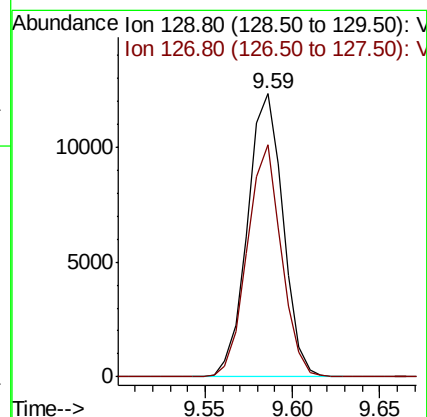
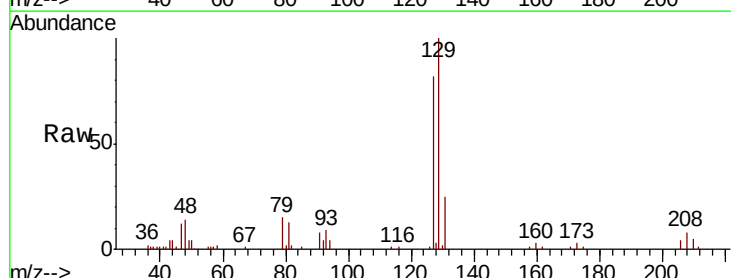
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

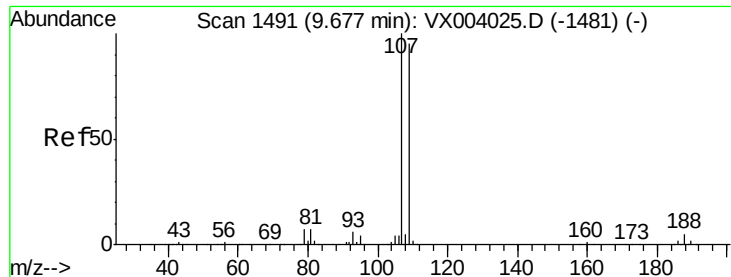
Tgt Ion: 43 Resp: 120060
Ion Ratio Lower Upper
43 100
58 54.0 29.0 87.0



#60
Dibromochloromethane
Concen: 4.467 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Tgt Ion: 129 Resp: 17521
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 4.866 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

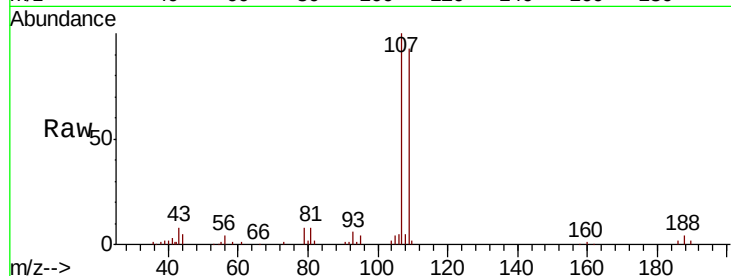
VSTDIC005

Tgt Ion: 107 Resp: 20215

Ion Ratio Lower Upper

107 100

109 95.4 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

15000

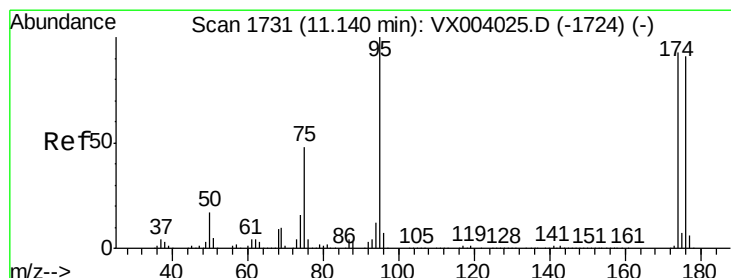
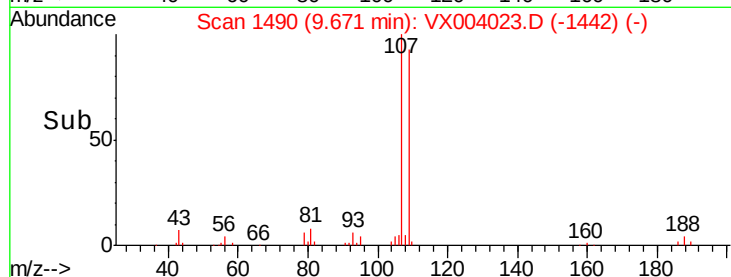
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 4.443 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

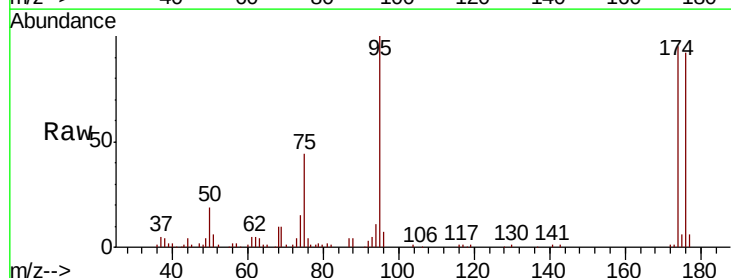
Tgt Ion: 95 Resp: 22334

Ion Ratio Lower Upper

95 100

174 95.2 0.0 182.8

176 91.5 0.0 179.0



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

11.14

20000

15000

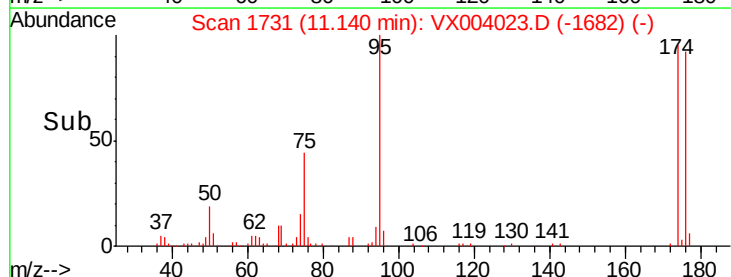
10000

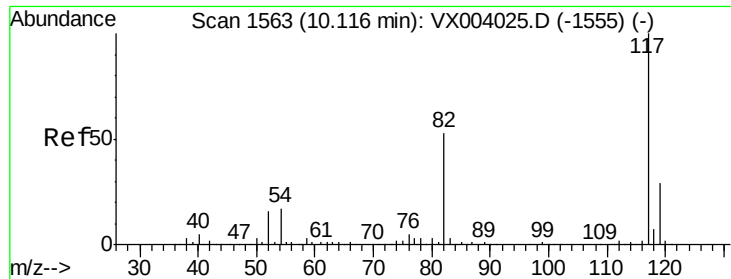
5000

0

Time-->

11.10 11.15 11.20

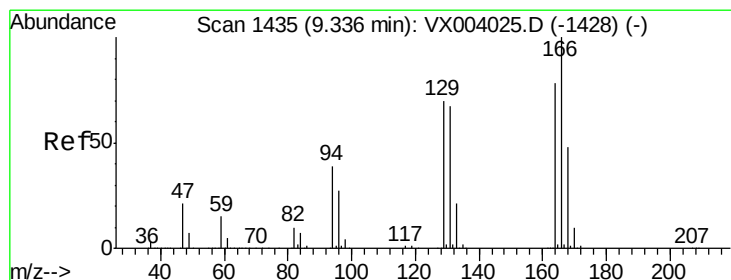
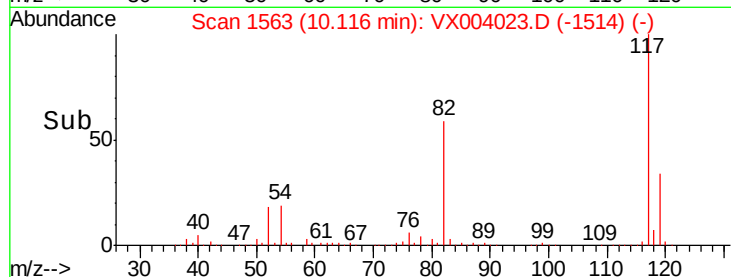
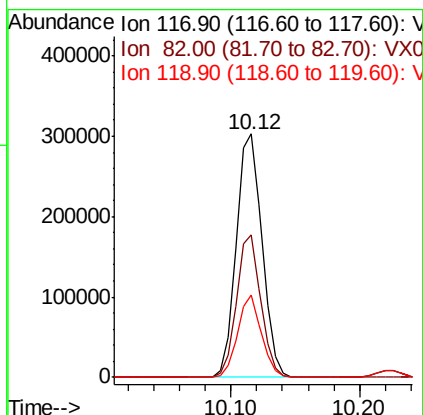
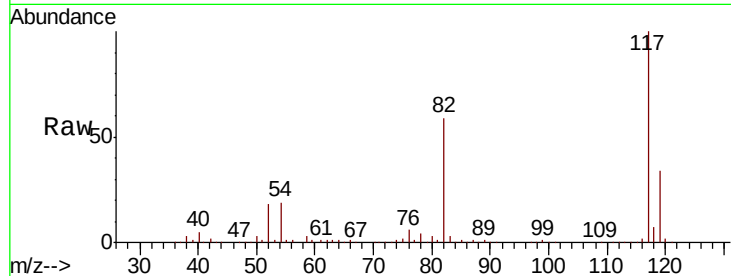




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

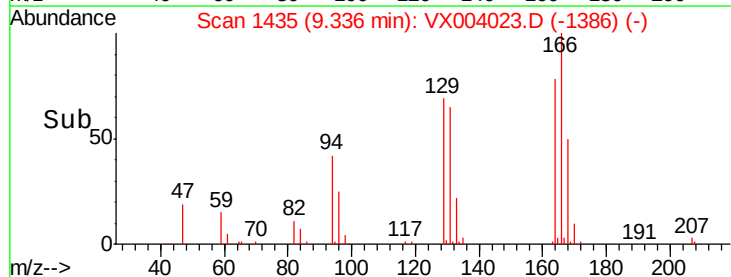
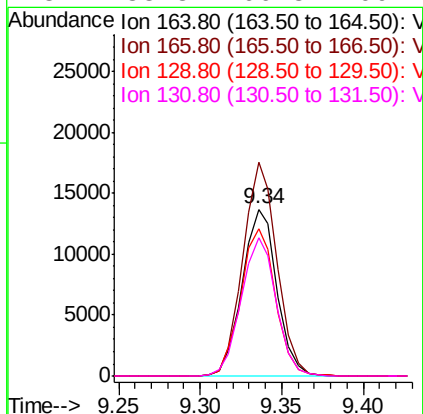
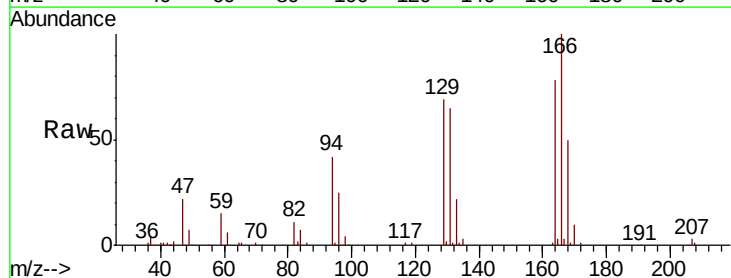
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

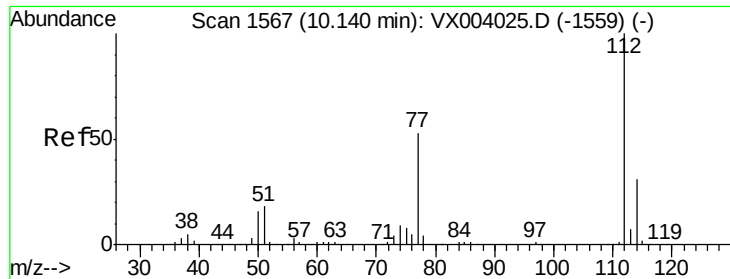
Tgt Ion:117 Resp: 419364
Ion Ratio Lower Upper
117 100
82 58.7 45.4 68.0
119 34.0 26.6 40.0



#64
Tetrachloroethene
Concen: 5.077 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Tgt Ion:164 Resp: 20180
Ion Ratio Lower Upper
164 100
166 128.2 98.0 147.0
129 88.5 64.3 96.5
131 83.3 66.8 100.2

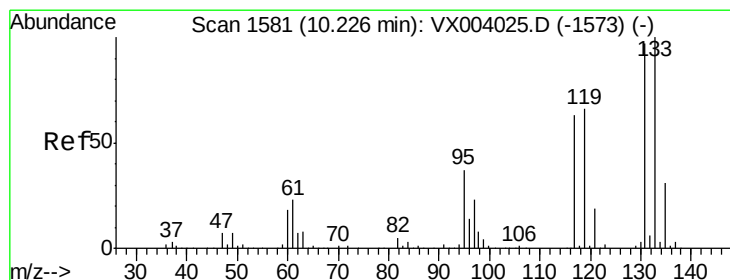
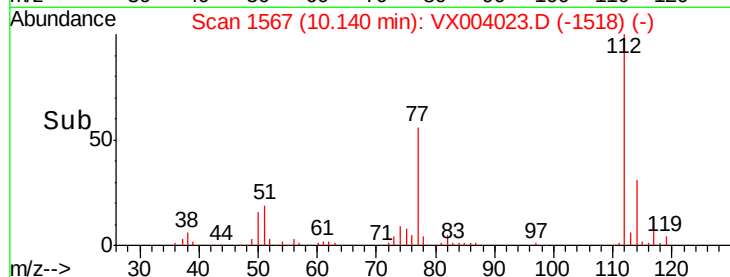
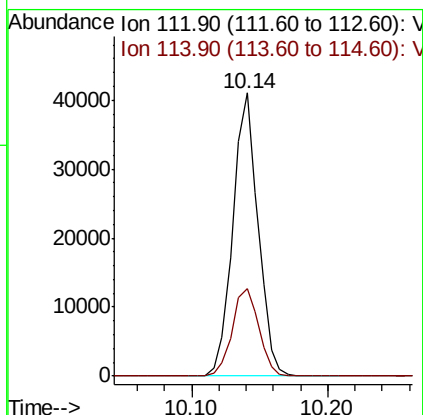
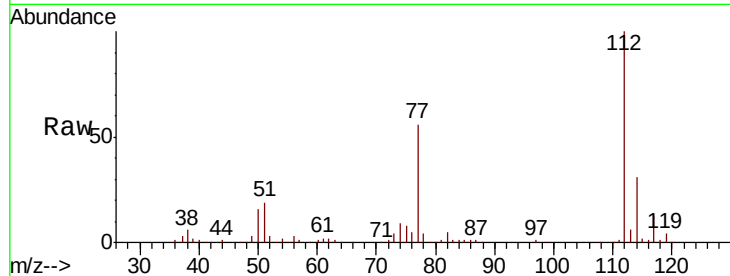




#65
Chlorobenzene
Concen: 4.877 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

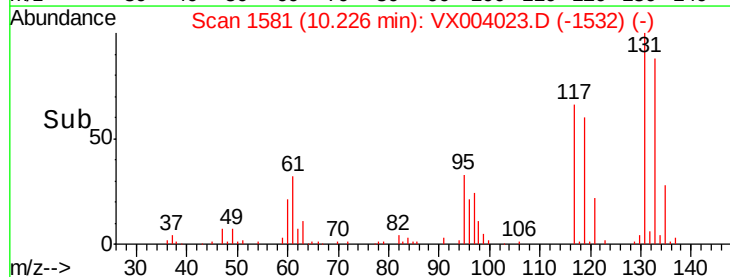
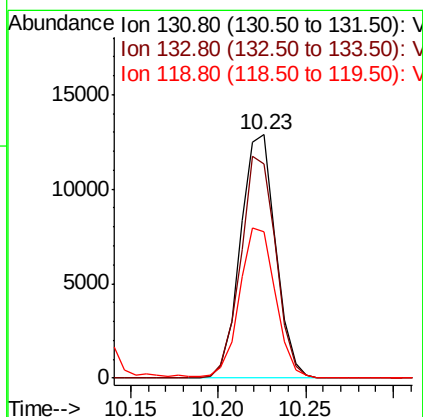
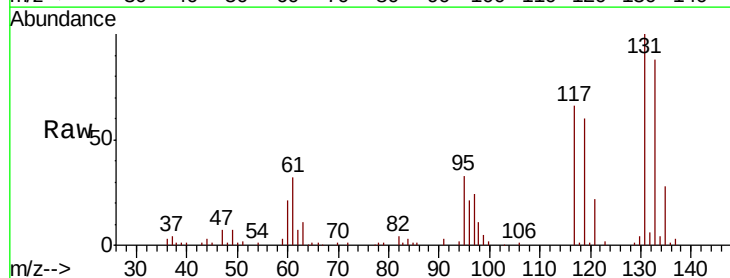
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

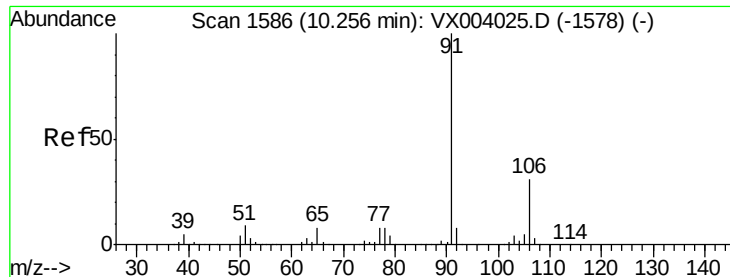
Tgt Ion:112 Resp: 52829
Ion Ratio Lower Upper
112 100
114 30.8 23.6 35.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.869 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Tgt Ion:131 Resp: 17989
Ion Ratio Lower Upper
131 100
133 91.0 47.3 141.8
119 63.0 31.6 94.8

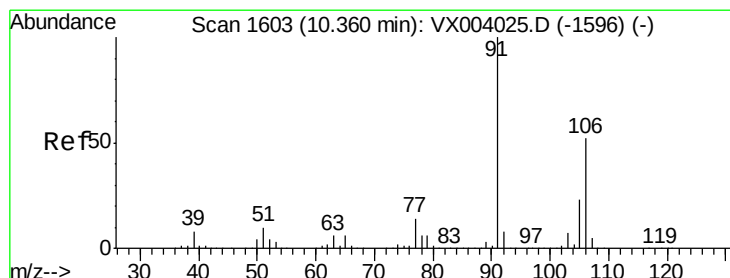
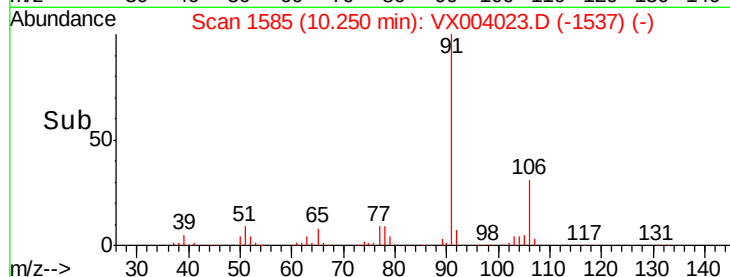
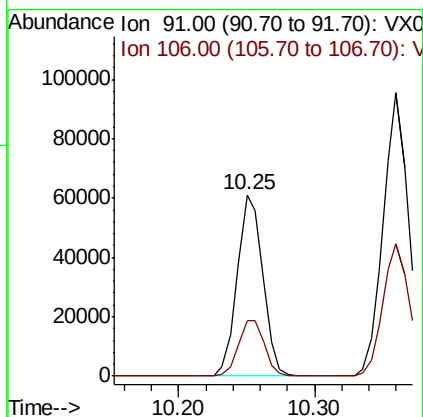
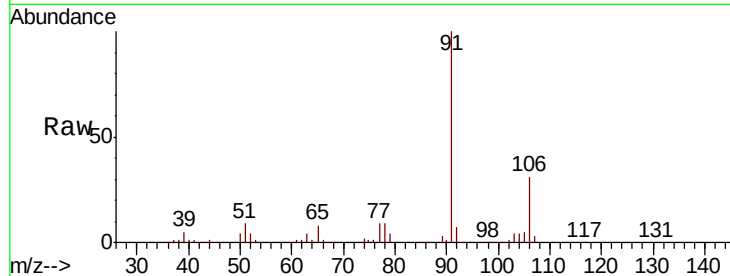




#67
Ethyl Benzene
Concen: 4.673 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

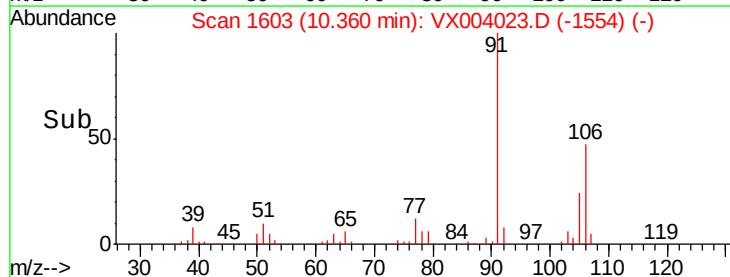
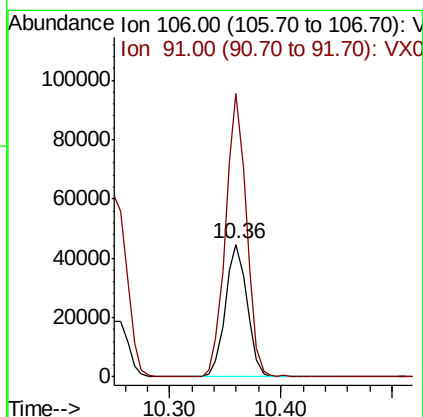
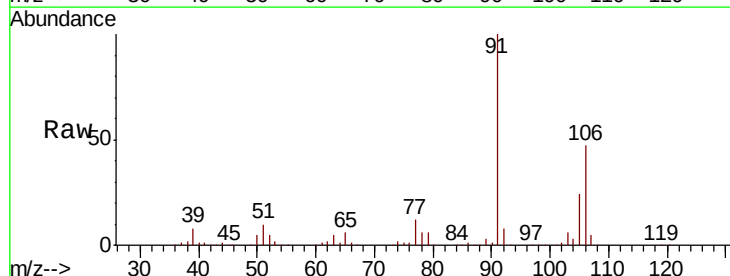
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

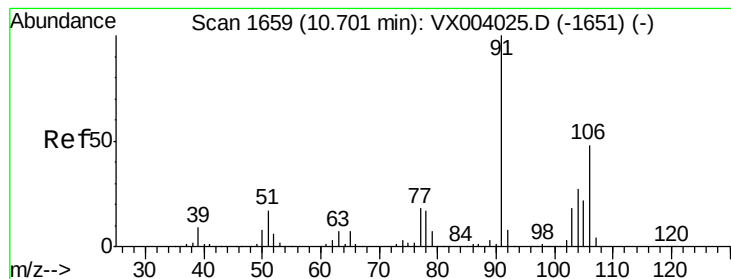
Tgt Ion: 91 Resp: 80160
Ion Ratio Lower Upper
91 100
106 30.8 25.9 38.9



#68
m/p-Xylenes
Concen: 9.022 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Tgt Ion: 106 Resp: 60603
Ion Ratio Lower Upper
106 100
91 204.2 162.3 243.5





#69

o-Xylene

Concen: 4.570 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

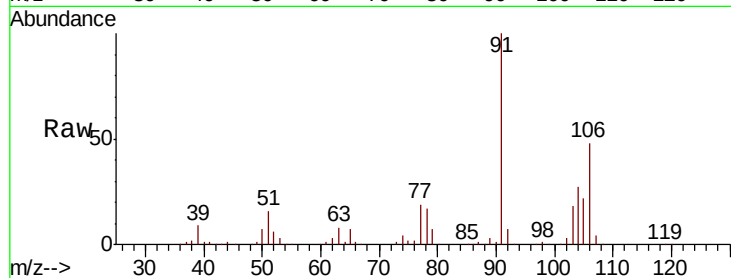
VSTDIC005

Tgt Ion:106 Resp: 29338

Ion Ratio Lower Upper

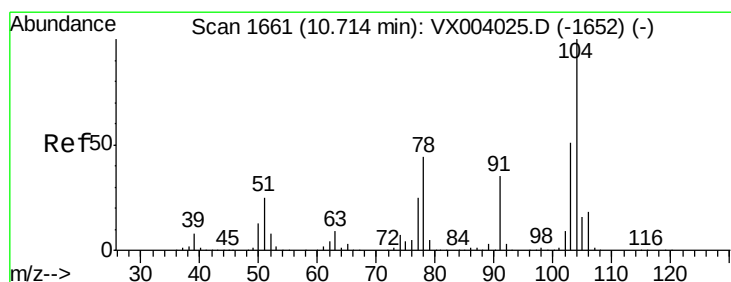
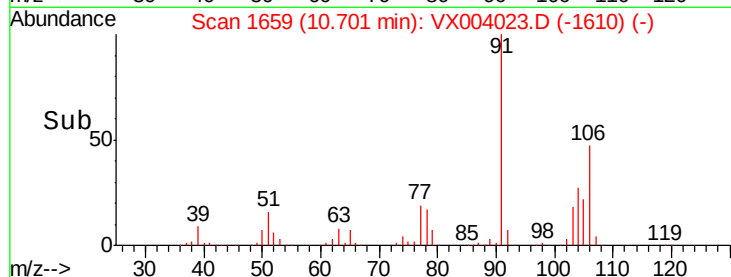
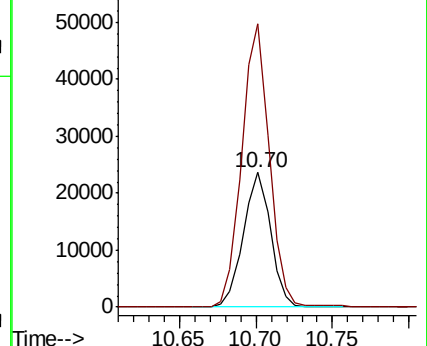
106 100

91 210.7 101.9 305.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 4.387 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

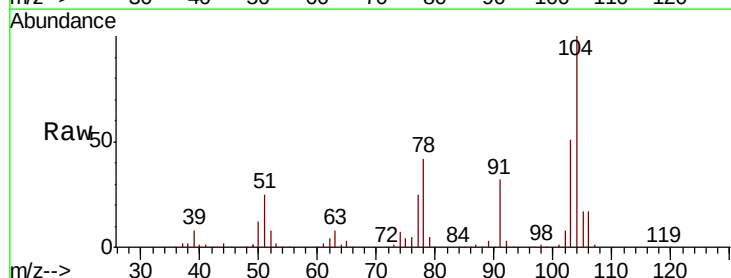
Tgt Ion:104 Resp: 47397

Ion Ratio Lower Upper

104 100

78 46.9 39.8 59.6

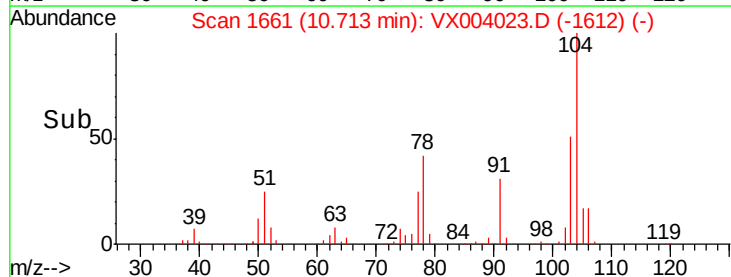
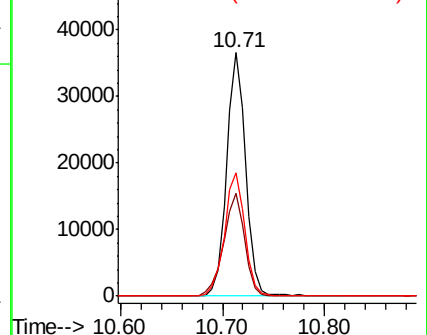
103 54.4 44.3 66.5

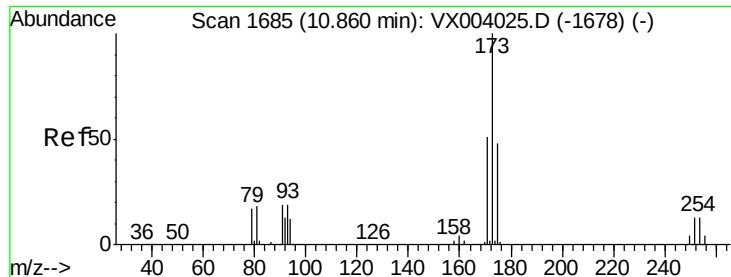


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

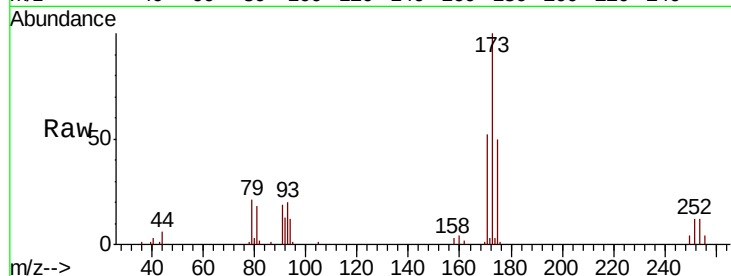




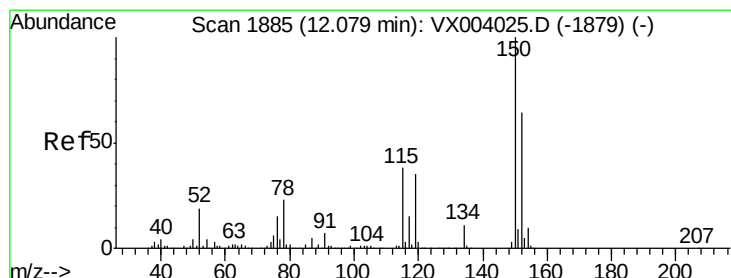
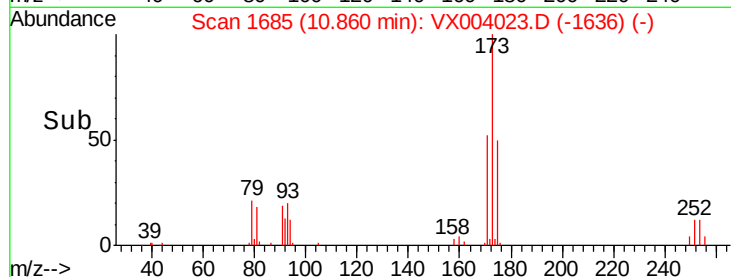
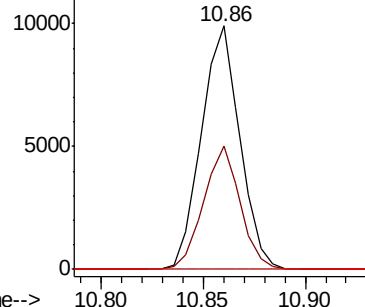
#71
Bromoform
Concen: 4.414 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion:173 Resp: 12933
Ion Ratio Lower Upper
173 100
175 48.1 24.9 74.7
254 0.0 0.2 0.2#

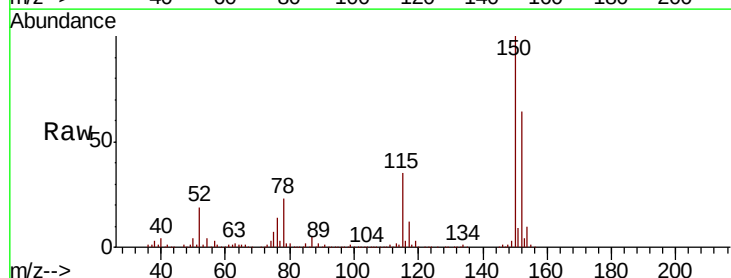


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

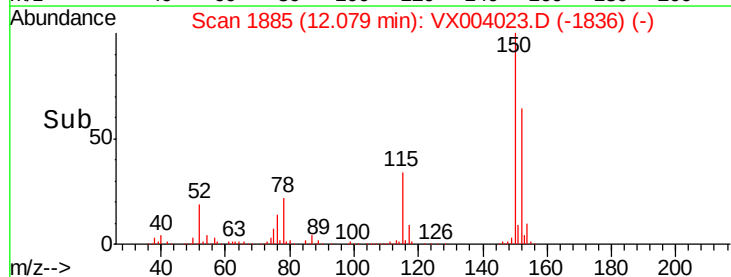
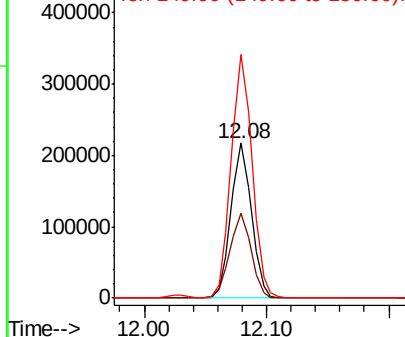


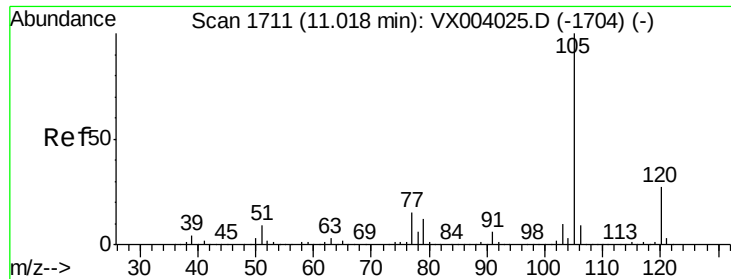
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Tgt Ion:152 Resp: 250408
Ion Ratio Lower Upper
152 100
115 57.2 39.1 117.3
150 160.6 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.754 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

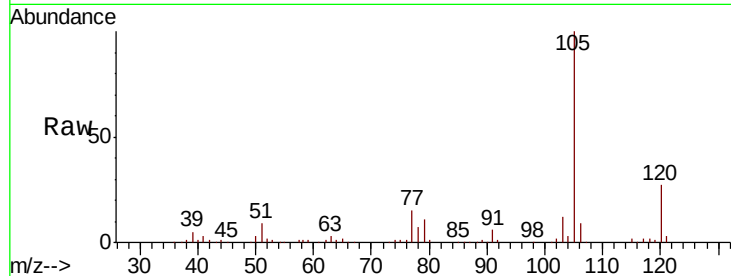
VSTDIC005

Tgt Ion: 105 Resp: 80552

Ion Ratio Lower Upper

105 100

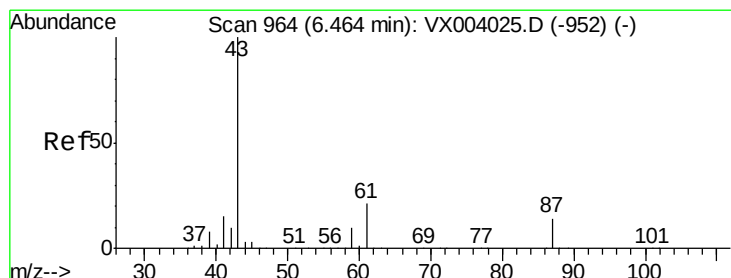
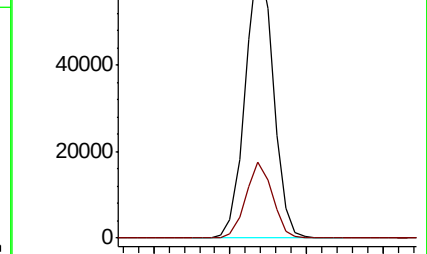
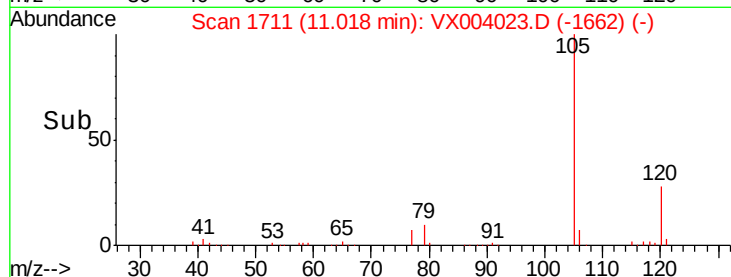
120 26.3 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02



#74

N-amyl acetate

Concen: 4.930 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Tgt Ion: 43 Resp: 39296

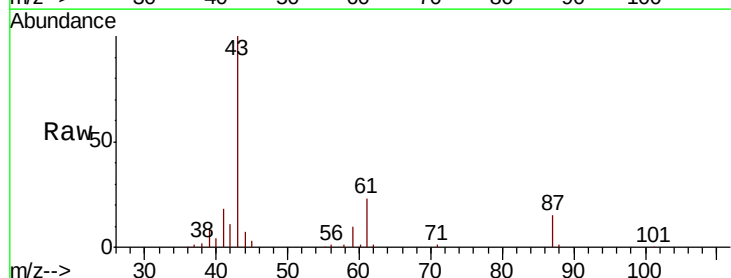
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.2 0.1 0.1#

61 21.1 16.9 25.3



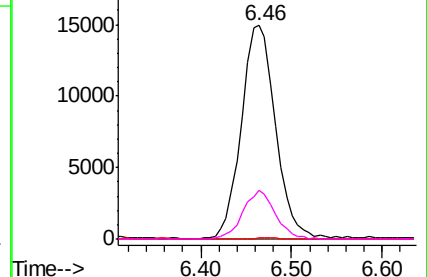
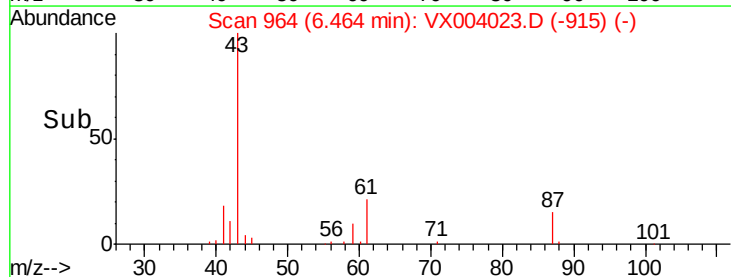
Abundance Ion 43.00 (42.70 to 43.70): VX0

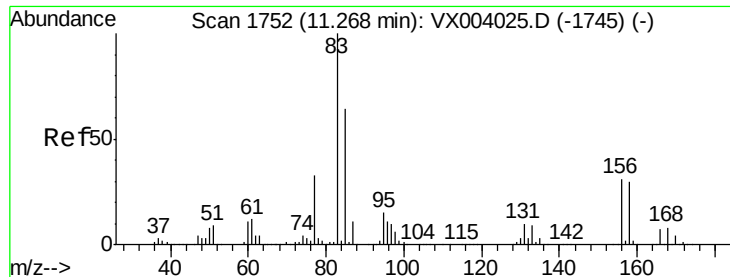
Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.46

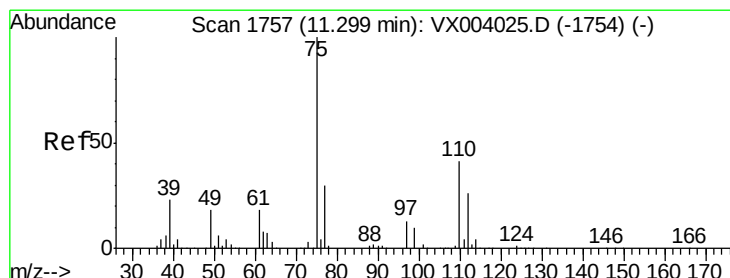
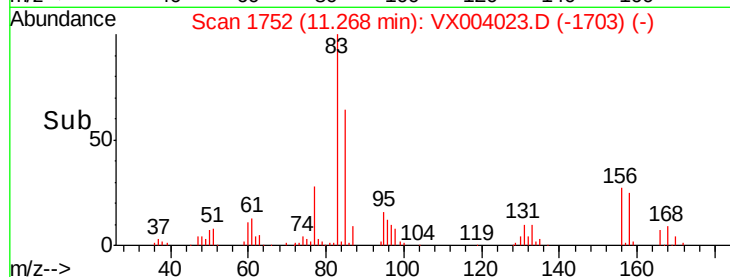
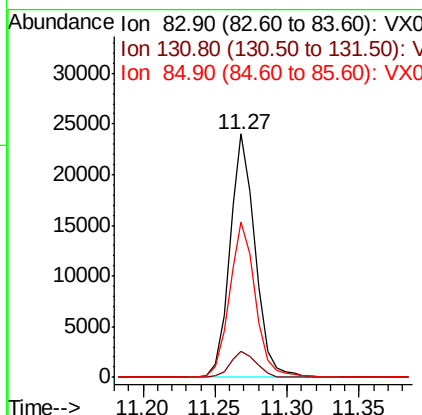
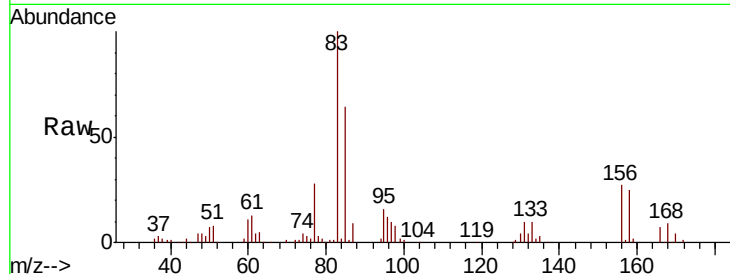




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.004 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

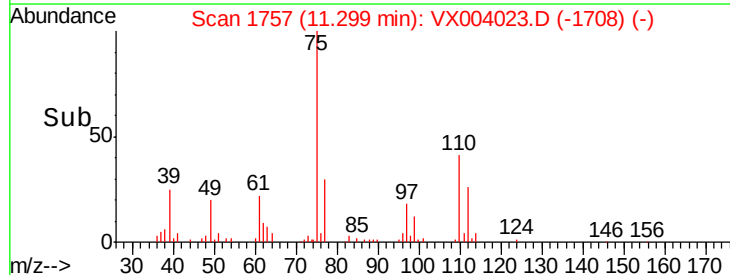
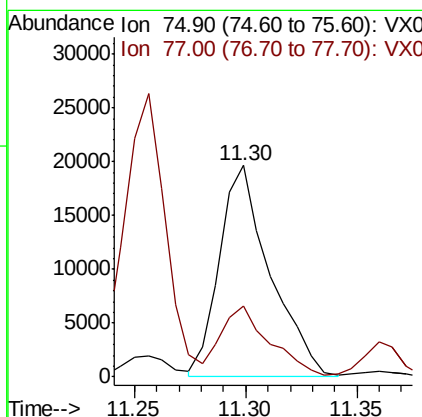
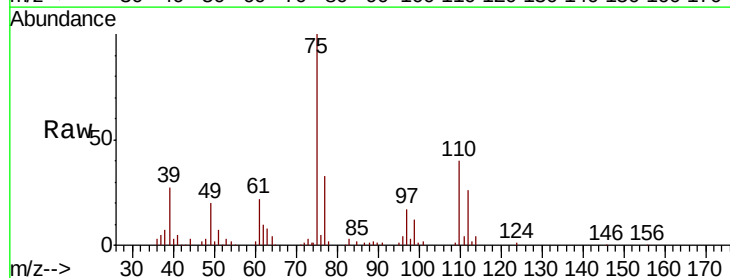
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

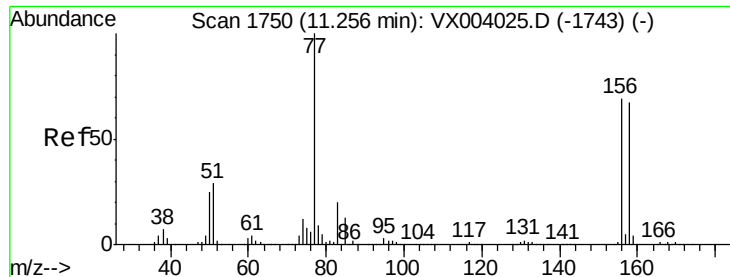
Tgt Ion: 83 Resp: 29612
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.2 15.6
 85 65.1 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 6.200 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

Tgt Ion: 75 Resp: 31133
 Ion Ratio Lower Upper
 75 100
 77 32.3 20.8 62.5





#77

Bromobenzene

Concen: 4.862 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

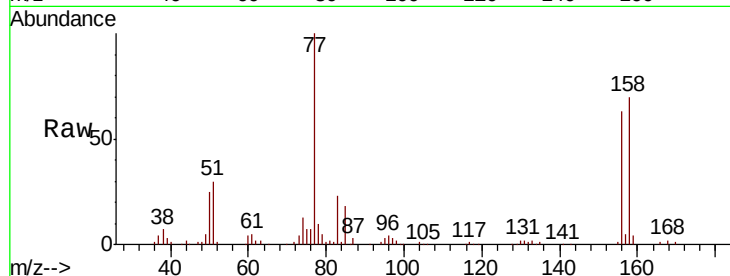
Tgt Ion:156 Resp: 22713

Ion Ratio Lower Upper

156 100

77 149.4 74.1 222.2

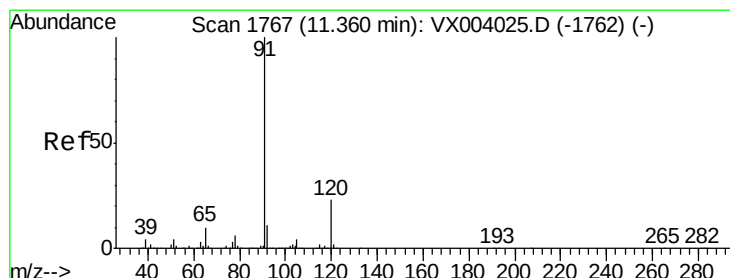
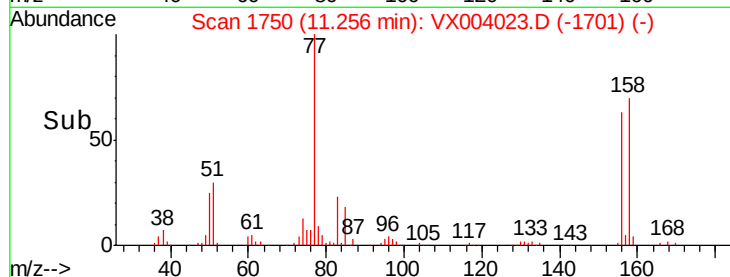
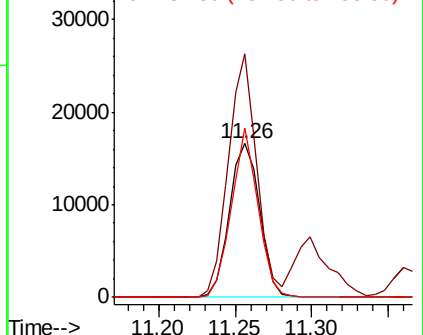
158 97.0 48.6 145.9



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: 4.708 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004023.D

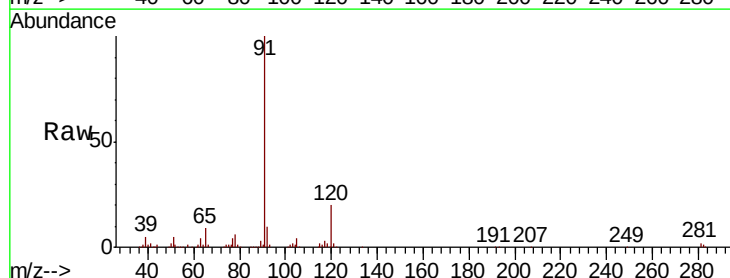
Acq: 14 Aug 2018 11:08

Tgt Ion: 91 Resp: 89287

Ion Ratio Lower Upper

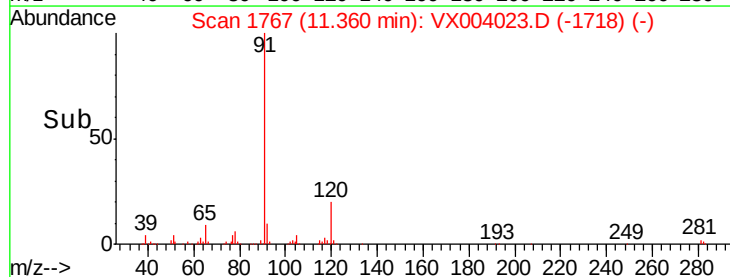
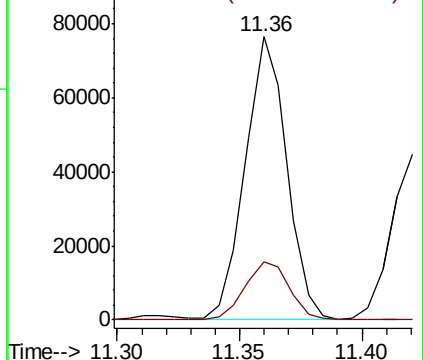
91 100

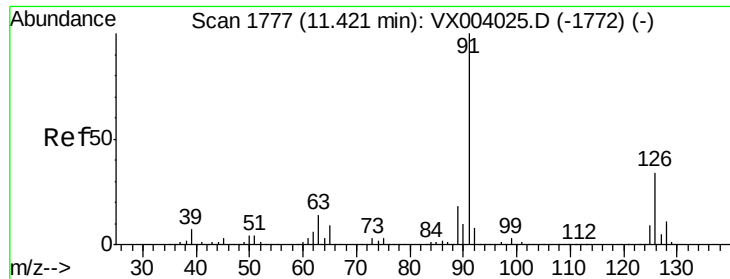
120 22.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.802 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

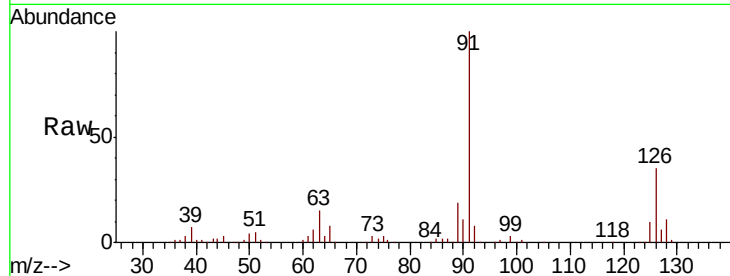
VSTDIC005

Tgt Ion: 91 Resp: 55496

Ion Ratio Lower Upper

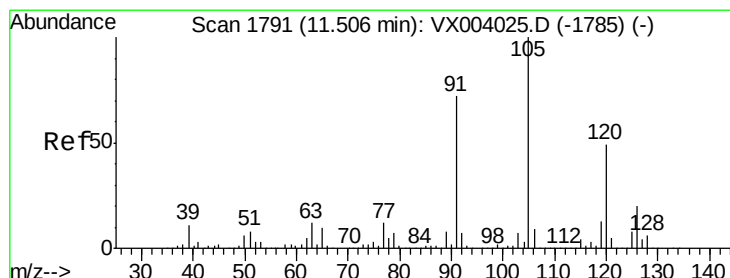
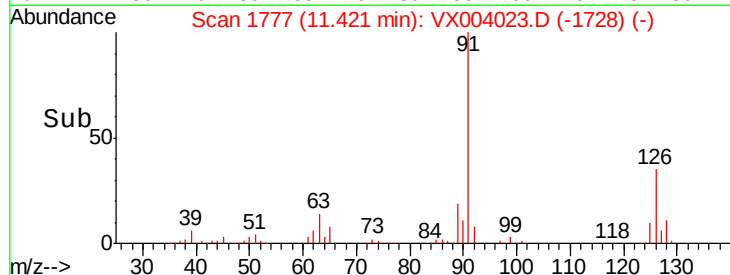
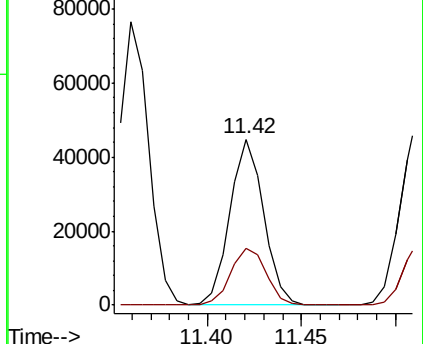
91 100

126 36.3 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 4.644 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004023.D

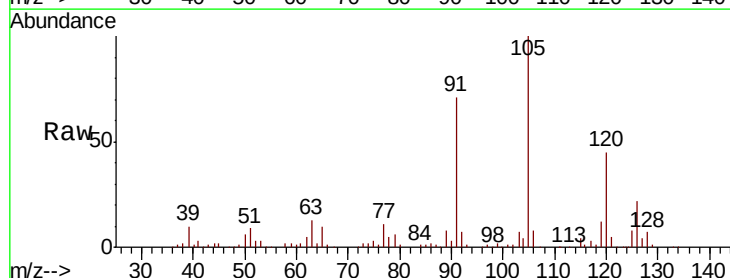
Acq: 14 Aug 2018 11:08

Tgt Ion: 105 Resp: 64440

Ion Ratio Lower Upper

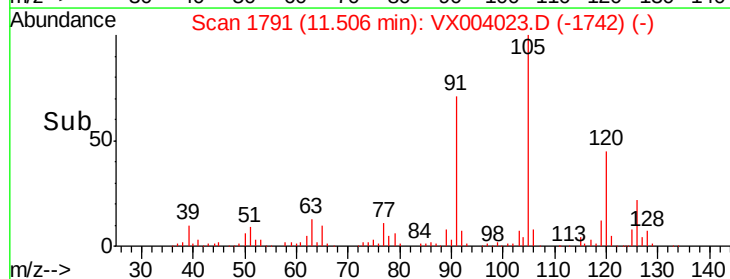
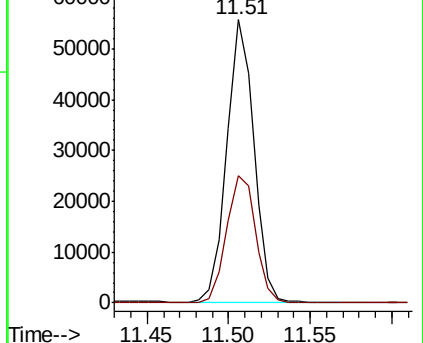
105 100

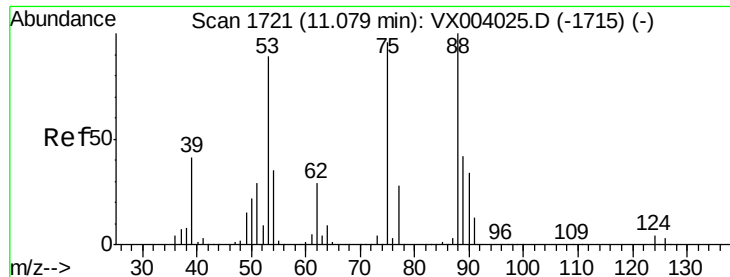
120 48.4 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.017 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VX004023.D

Acq: 14 Aug 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

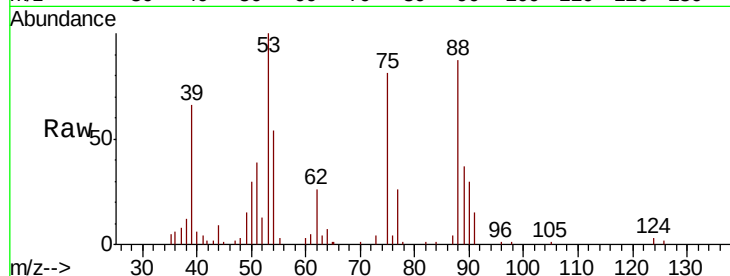
Tgt Ion: 75 Resp: 6516

Ion Ratio Lower Upper

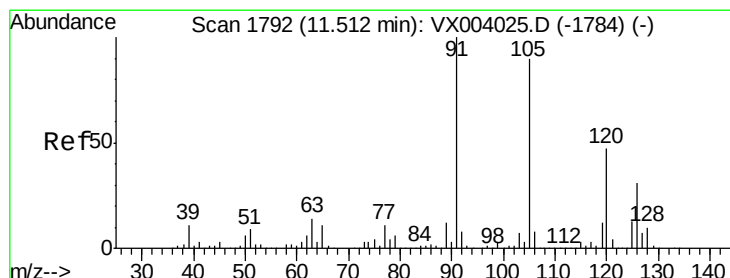
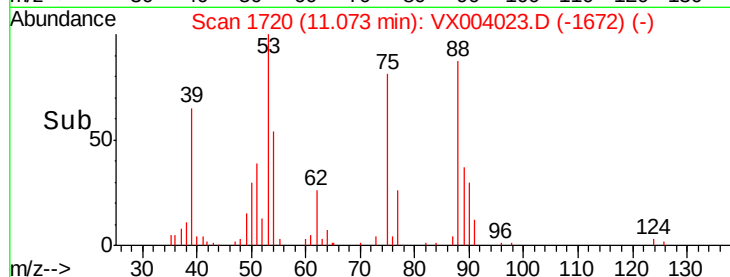
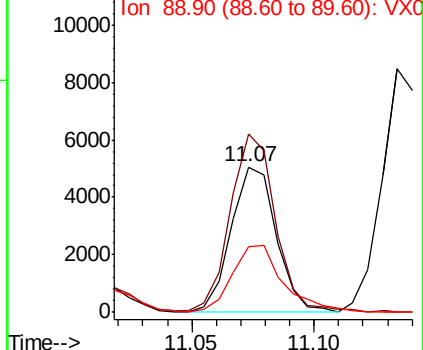
75 100

53 122.6 80.3 120.5#

89 52.7 37.8 56.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 4.699 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004023.D

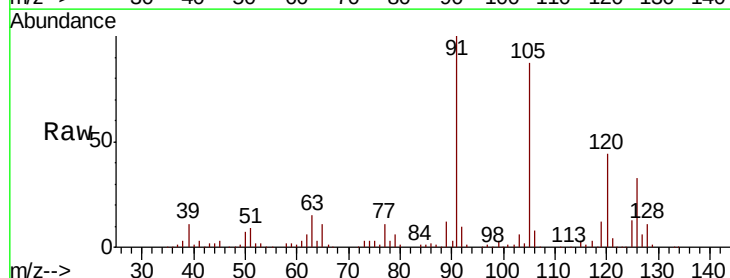
Acq: 14 Aug 2018 11:08

Tgt Ion: 91 Resp: 64193

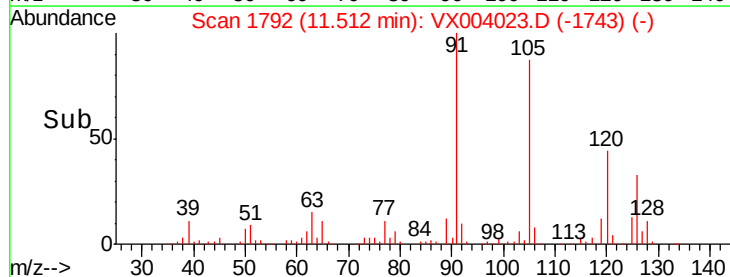
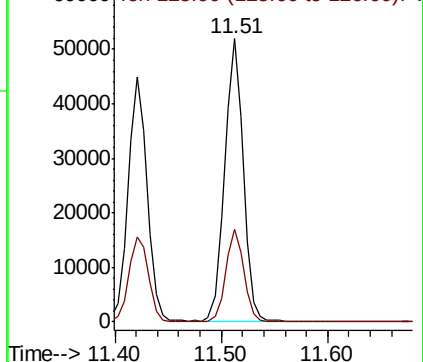
Ion Ratio Lower Upper

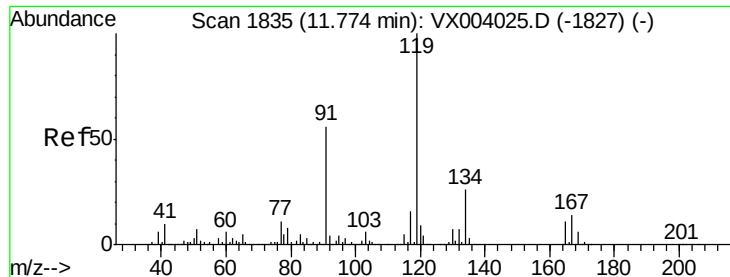
91 100

126 31.6 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

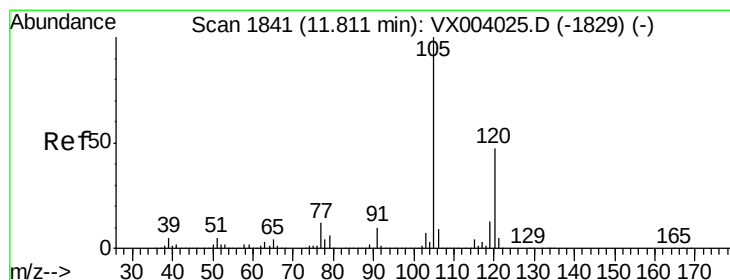
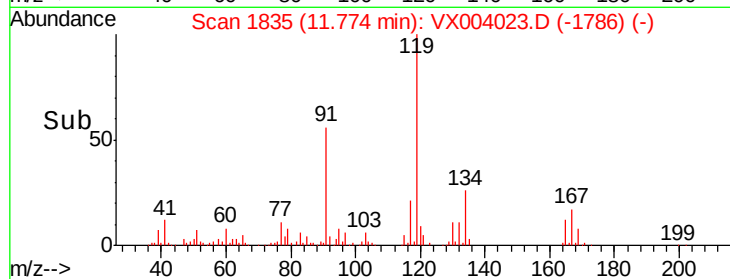
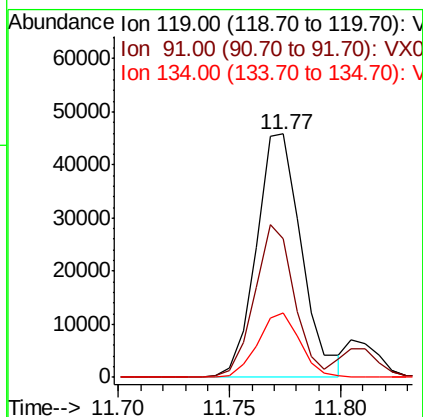
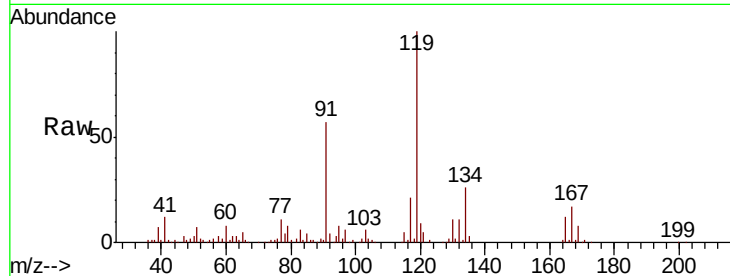




#83
 tert-Butylbenzene
 Concen: 4.620 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

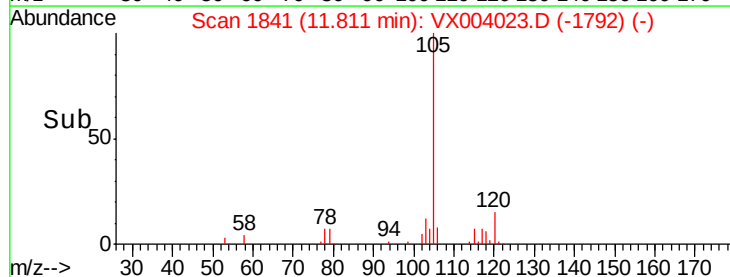
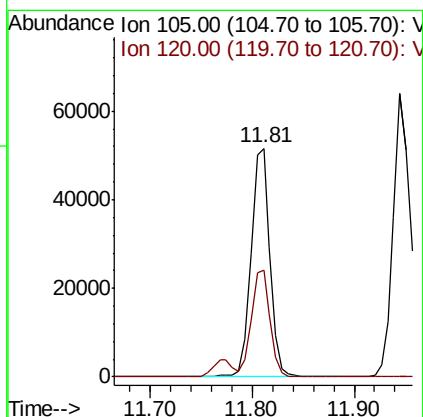
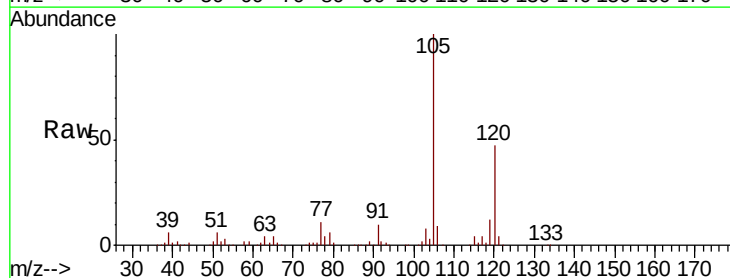
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

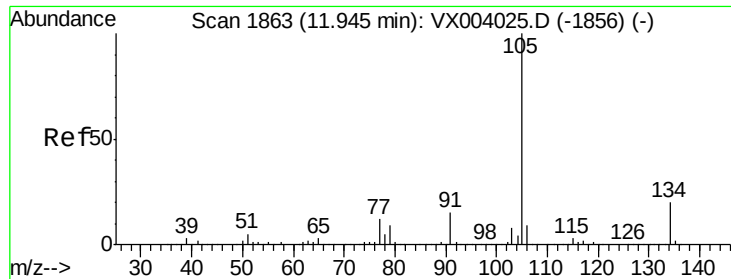
Tgt Ion:119 Resp: 64627
 Ion Ratio Lower Upper
 119 100
 91 55.4 26.9 80.7
 134 24.8 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 4.669 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

Tgt Ion:105 Resp: 67094
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2

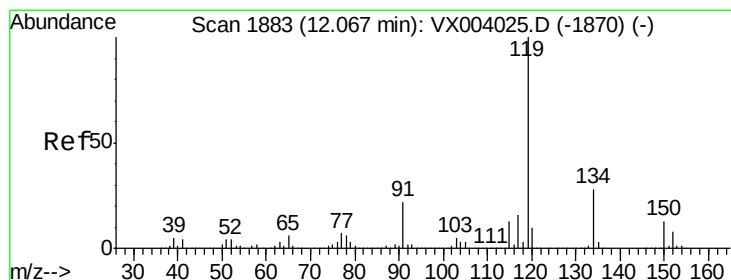
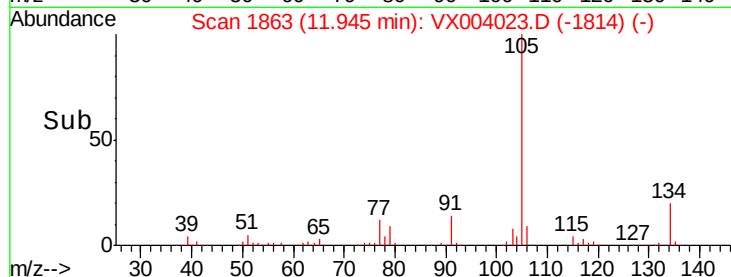
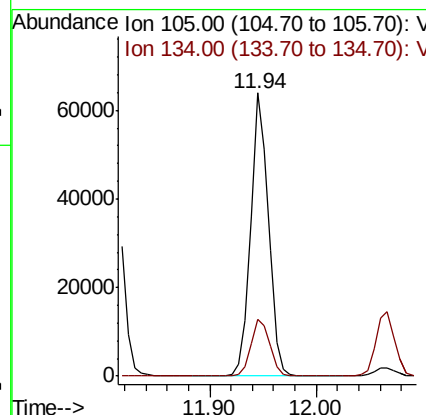
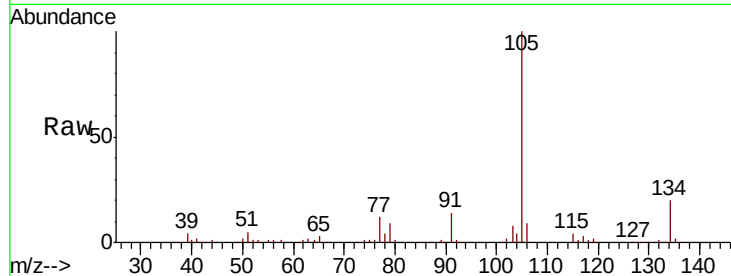




#85
 sec-Butylbenzene
 Concen: 4.600 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

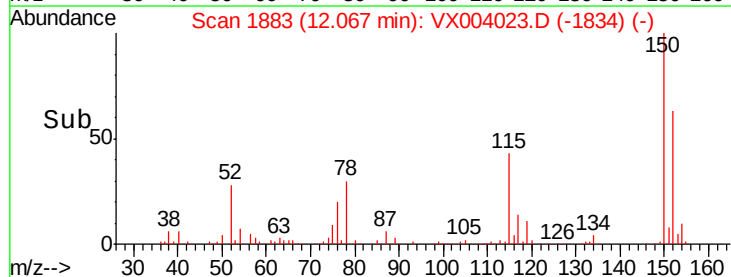
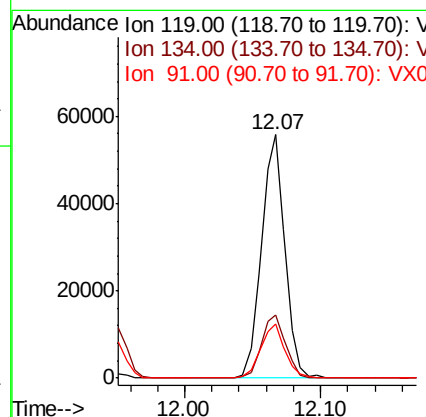
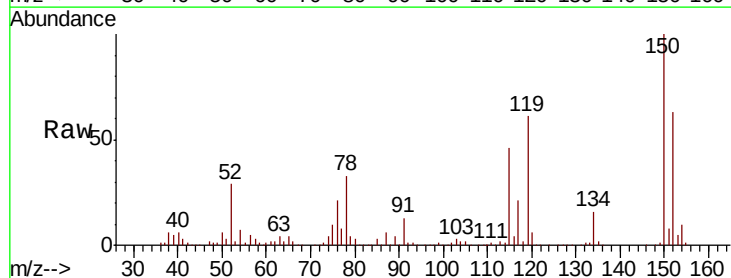
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

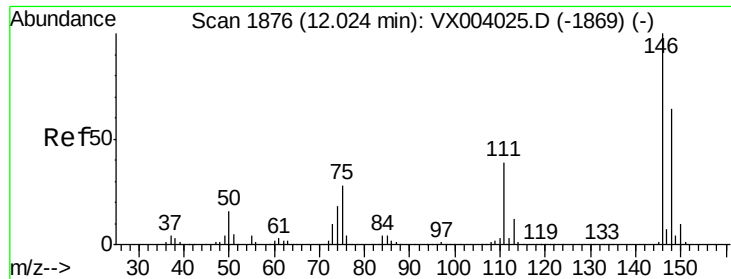
Tgt Ion:105 Resp: 75323
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 4.551 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

Tgt Ion:119 Resp: 67466
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 23.2 10.9 32.7

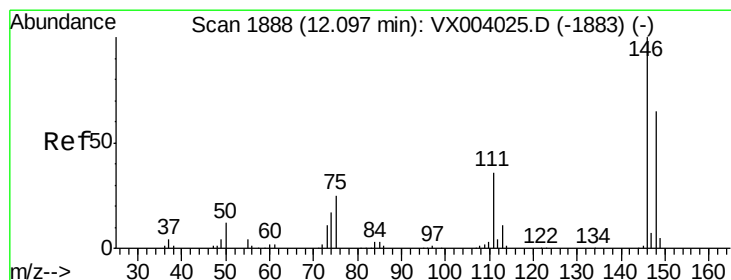
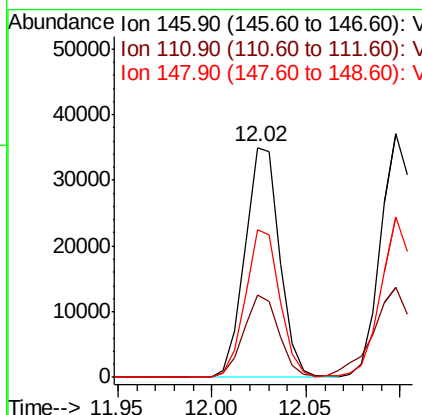
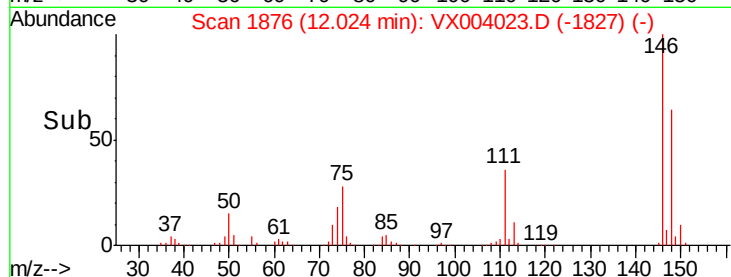
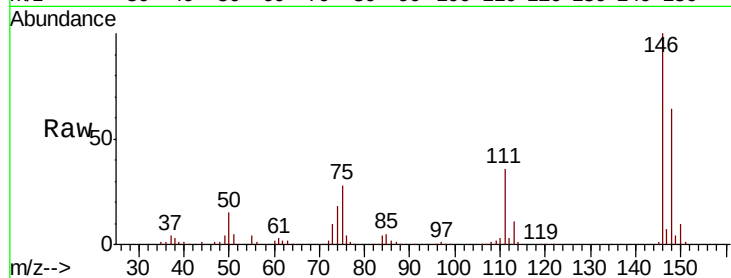




#87
 1,3-Dichlorobenzene
 Concen: 5.025 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

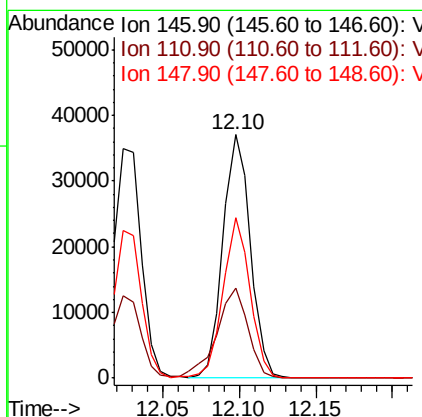
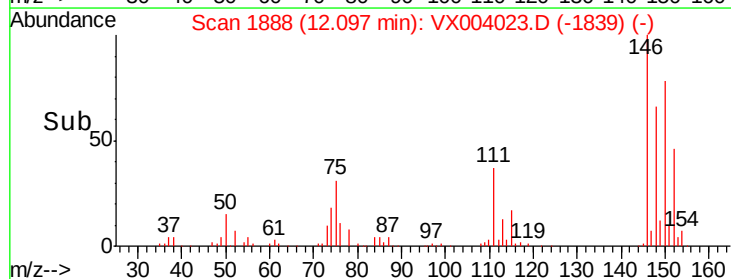
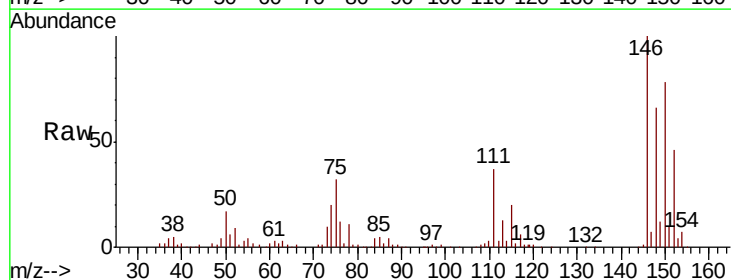
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

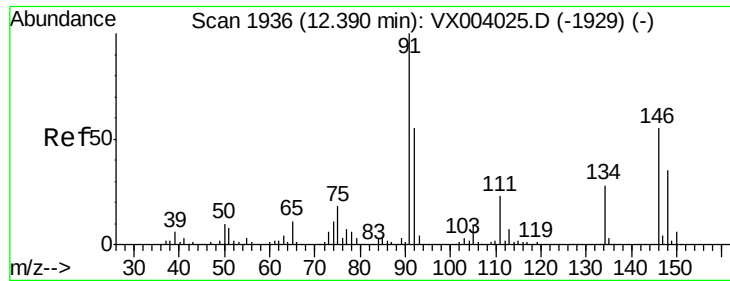
Tgt Ion:146 Resp: 44769
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.8 56.4
 148 63.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 5.014 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

Tgt Ion:146 Resp: 45979
 Ion Ratio Lower Upper
 146 100
 111 42.8 18.4 55.0
 148 65.0 32.3 96.8

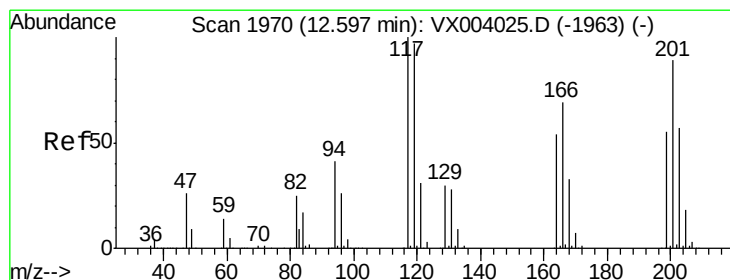
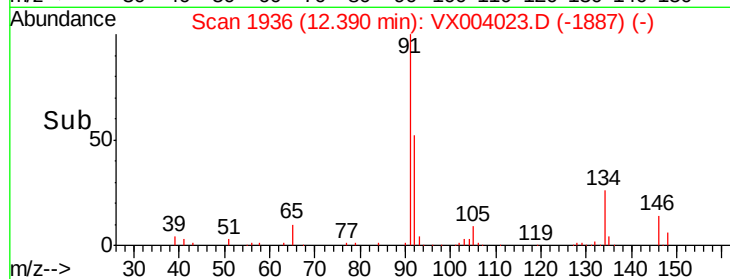
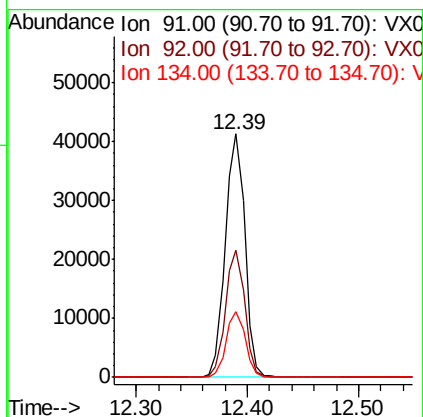
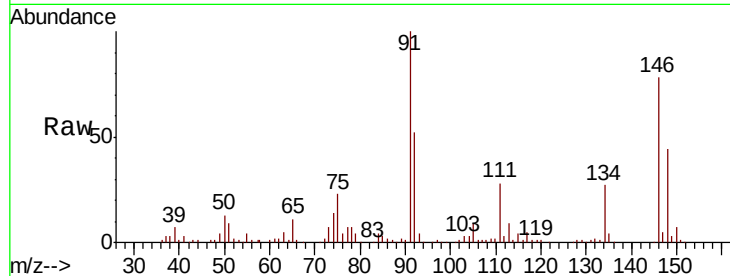




#89
n-Butylbenzene
Concen: 4.329 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

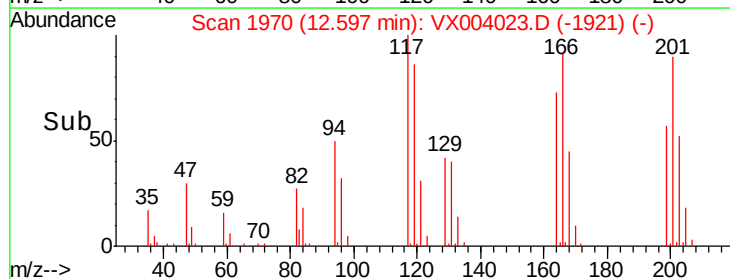
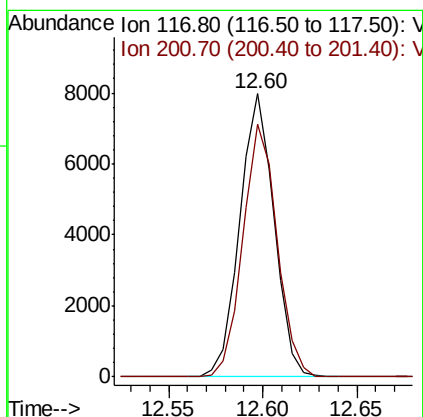
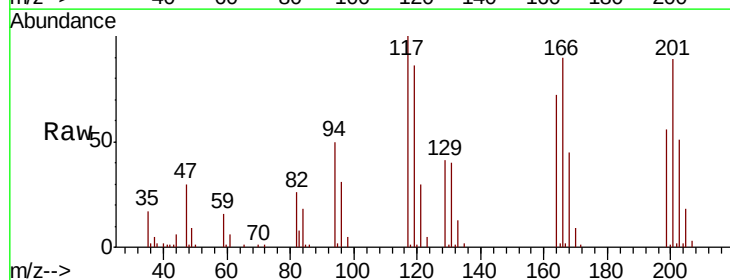
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

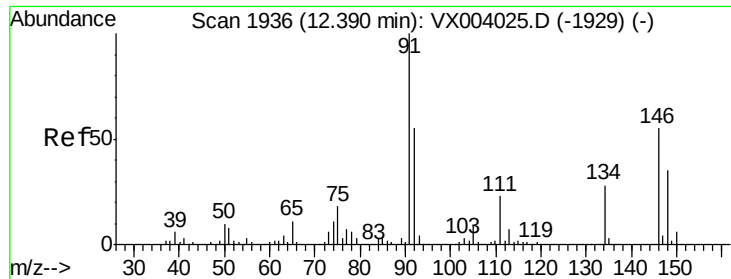
Tgt Ion: 91 Resp: 50568
Ion Ratio Lower Upper
91 100
92 51.0 27.1 81.3
134 26.2 13.6 40.7



#90
Hexachloroethane
Concen: 4.538 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Tgt Ion: 117 Resp: 10066
Ion Ratio Lower Upper
117 100
201 88.9 46.1 138.2

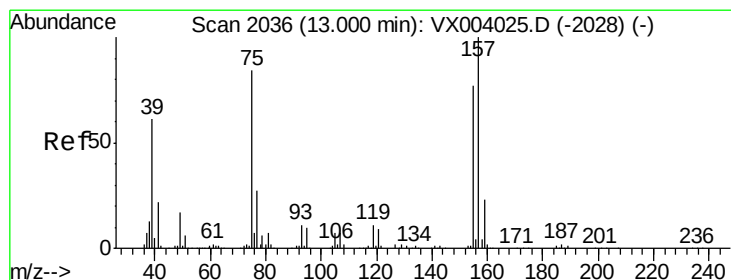
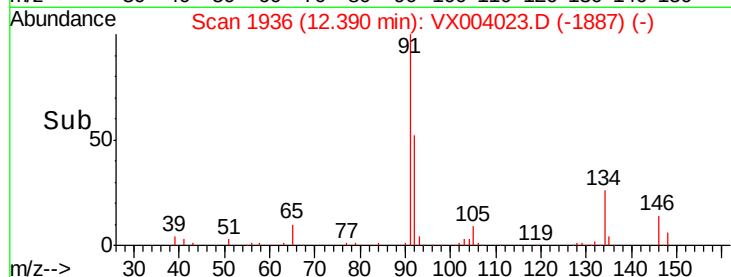
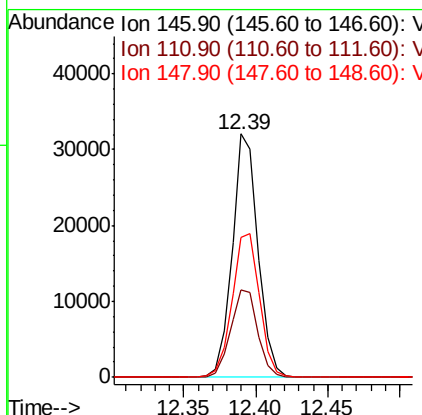
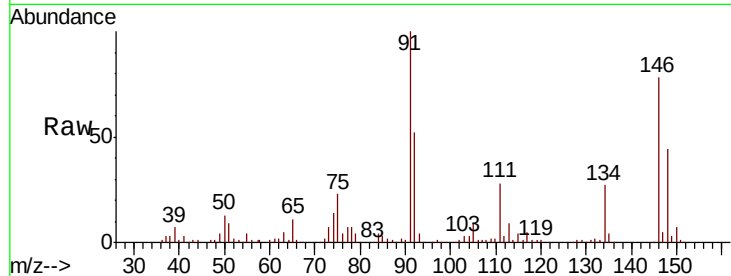




#91
 1,2-Dichlorobenzene
 Concen: 4.992 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

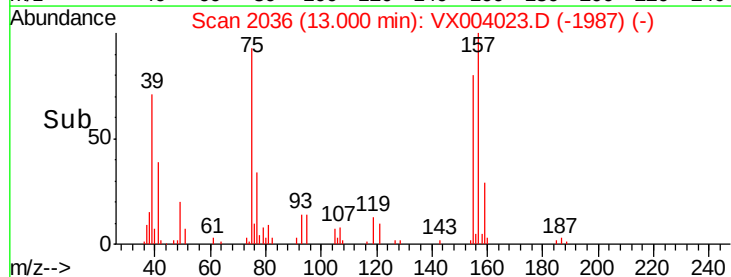
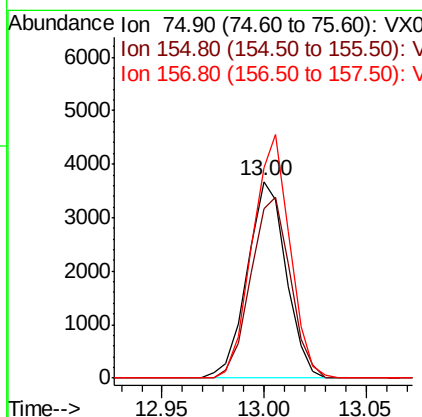
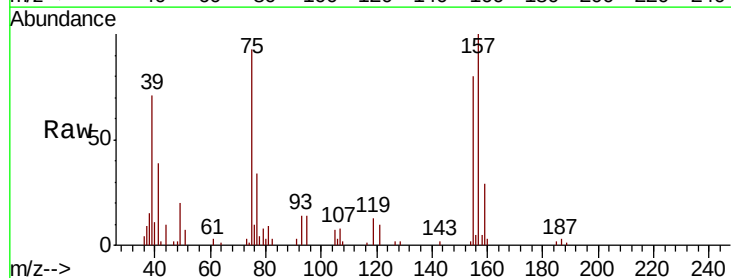
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

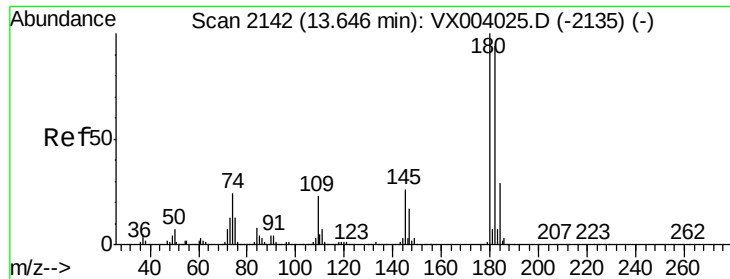
Tgt Ion:146 Resp: 40111
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.7 59.0
 148 62.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.662 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

Tgt Ion: 75 Resp: 4849
 Ion Ratio Lower Upper
 75 100
 155 93.9 48.7 146.1
 157 119.6 62.6 187.8

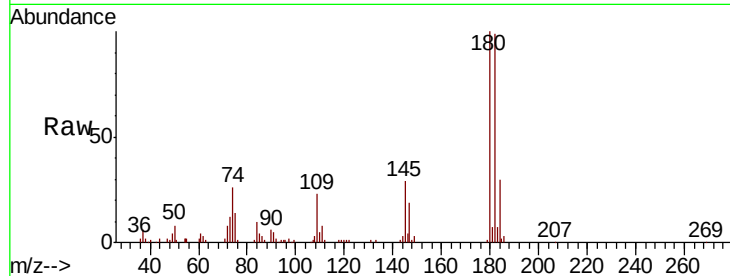




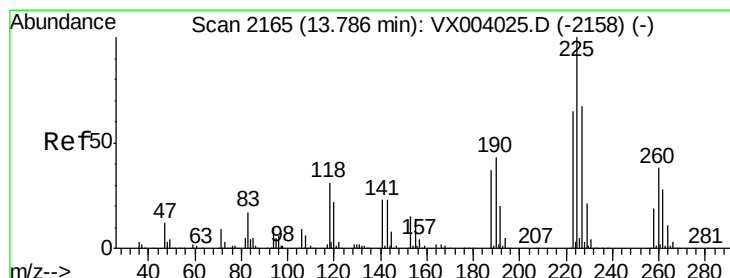
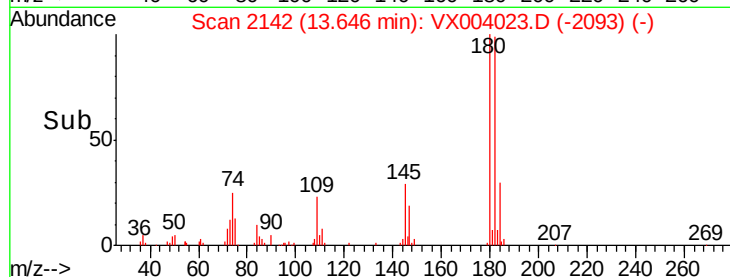
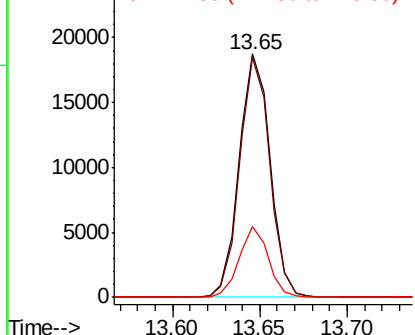
#93
 1,2,4-Trichlorobenzene
 Concen: 4.192 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 23024
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.7 143.1
 145 27.5 13.9 41.6

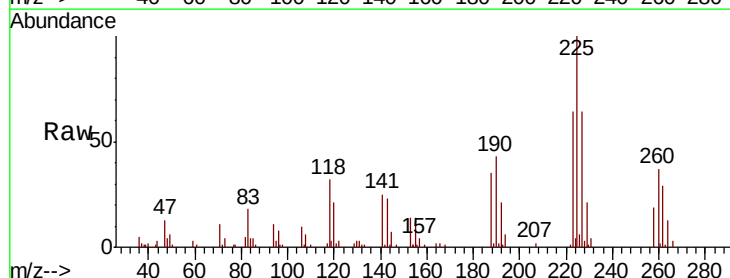


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

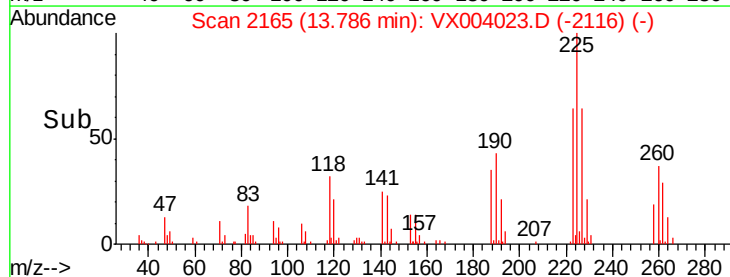
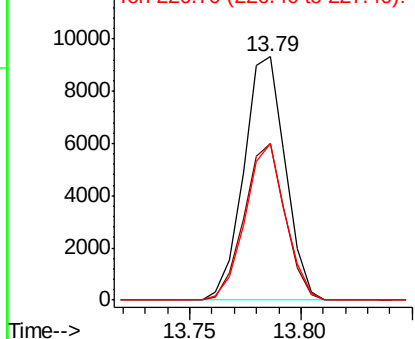


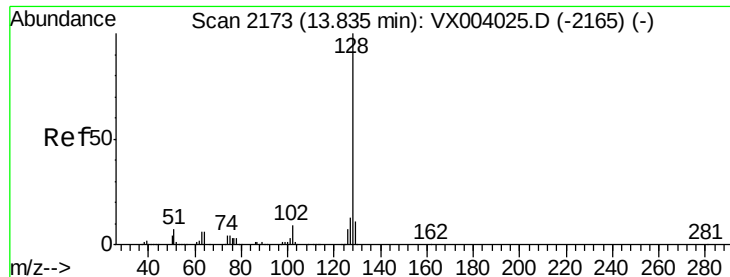
#94
 Hexachlorobutadiene
 Concen: 4.392 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004023.D
 Acq: 14 Aug 2018 11:08

Tgt Ion:225 Resp: 12093
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.4 94.0
 227 61.6 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

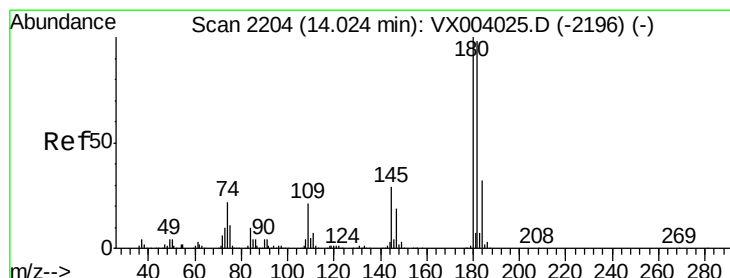
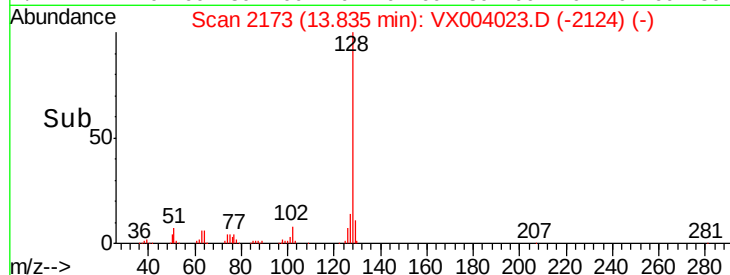
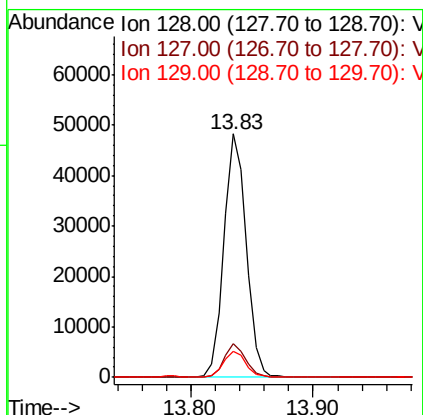
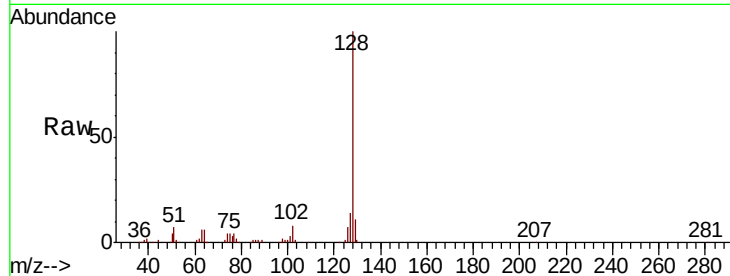




#95
Naphthalene
Concen: 4.540 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 60852
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.215 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004023.D
Acq: 14 Aug 2018 11:08

Tgt Ion:180 Resp: 25243
Ion Ratio Lower Upper
180 100
182 94.6 48.1 144.4
145 29.3 14.9 44.7

