

Data File : VX004014.D
Acq On : 13 Aug 2018 23:39
Operator : JC/MD
Sample : VSTDIC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC00

Quant Time: Aug 14 06:53:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 06:50:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	391603	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196543	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	4764	1.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.76%	
35) Dibromofluoromethane	5.51	113	3315	1.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.20%	
50) Toluene-d8	8.72	98	10897	0.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.88%	
62) 4-Bromofluorobenzene	11.14	95	3635	0.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2233	0.929	ug/l	93
3) Chloromethane	1.32	50	3764	1.110	ug/l	95
4) Vinyl Chloride	1.41	62	3434	1.022	ug/l	99
5) Bromomethane	1.64	94	3082	1.445	ug/l	95
6) Chloroethane	1.73	64	3594	1.631	ug/l	92
7) Trichlorofluoromethane	1.93	101	4709	1.072	ug/l	93
8) Diethyl Ether	2.19	74	2293	1.105	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2738	1.005	ug/l	93
10) Methyl Iodide	2.51	142	2893	0.853	ug/l #	98
11) Tert butyl alcohol	3.04	59	5099	6.310	ug/l #	94
12) 1,1-Dichloroethene	2.38	96	2873	1.088	ug/l	92
13) Acrolein	2.29	56	1717	3.632	ug/l	89
14) Allyl chloride	2.73	41	5568	1.081	ug/l	92
15) Acrylonitrile	3.14	53	11590	5.936	ug/l	96
16) Acetone	2.44	43	11984	5.971	ug/l	96
17) Carbon Disulfide	2.57	76	8182	1.021	ug/l	96
18) Methyl Acetate	2.77	43	5634	1.290	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	11508	1.181	ug/l	99
20) Methylene Chloride	2.86	84	4917	1.020	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	3784	1.238	ug/l	92
22) Diisopropyl ether	3.87	45	12084	1.227	ug/l	97
23) Vinyl Acetate	3.82	43	45730	5.559	ug/l	96
24) 1,1-Dichloroethane	3.70	63	6948	1.215	ug/l	99
25) 2-Butanone	4.70	43	17990	5.899	ug/l	98
26) 2,2-Dichloropropane	4.59	77	4167	1.058	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	3948	1.171	ug/l #	13
28) Bromochloromethane	5.03	49	2944	1.174	ug/l #	96
29) Tetrahydrofuran	5.16	42	8933	5.713	ug/l	99
30) Chloroform	5.22	83	6488	1.198	ug/l	96
31) Cyclohexane	5.58	56	4555	0.996	ug/l	85
32) 1,1,1-Trichloroethane	5.49	97	4804	1.082	ug/l #	51
36) 1,1-Dichloropropene	5.80	75	4502	1.048	ug/l	95
37) Ethyl Acetate	4.85	43	6122	1.251	ug/l	100
38) Carbon Tetrachloride	5.79	117	4166	1.023	ug/l	87

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ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC00

Quant Time: Aug 14 06:53:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 06:50:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	4426	0.906	ug/l	88
40) Benzene	6.14	78	14124	1.068	ug/l	96
41) Methacrylonitrile	5.07	41	3091	1.149	ug/l	93
42) 1,2-Dichloroethane	6.20	62	5379	1.186	ug/l	99
43) Isopropyl Acetate	6.46	43	7865	1.067	ug/l	97
44) Trichloroethene	7.21	130	3766	1.051	ug/l	89
45) 1,2-Dichloropropane	7.52	63	3797	1.109	ug/l	100
46) Dibromomethane	7.67	93	2409	1.075	ug/l	96
47) Bromodichloromethane	7.90	83	4305	1.026	ug/l	96
48) Methyl methacrylate	7.77	41	3354	0.896	ug/l	96
49) 1,4-Dioxane	7.76	88	1567	17.894	ug/l #	56
51) 4-Methyl-2-Pentanone	8.65	43	25833	4.226	ug/l	93
52) Toluene	8.79	92	7864	0.945	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	3715	0.791	ug/l	95
54) cis-1,3-Dichloropropene	8.44	75	4456	0.881	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	3837	1.113	ug/l	95
56) Ethyl methacrylate	9.18	69	3528	0.708	ug/l #	89
57) 1,3-Dichloropropane	9.37	76	5650	0.974	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.32	63	9744	3.944	ug/l	98
59) 2-Hexanone	9.50	43	18593	4.056	ug/l	90
60) Dibromochloromethane	9.59	129	3223	1.001	ug/l	94
61) 1,2-Dibromoethane	9.68	107	3631	1.042	ug/l	95
64) Tetrachloroethene	9.34	164	3596	1.028	ug/l	90
65) Chlorobenzene	10.14	112	9870	1.061	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	3202	0.995	ug/l #	62
67) Ethyl Benzene	10.26	91	13642	0.899	ug/l	99
68) m/p-Xylenes	10.36	106	10522	1.767	ug/l	96
69) o-Xylene	10.70	106	4520	0.800	ug/l	89
70) Styrene	10.71	104	6766	0.724	ug/l	95
71) Bromoform	10.86	173	2301	0.944	ug/l #	100
73) Isopropylbenzene	11.02	105	11133	0.796	ug/l	99
74) N-amyl acetate	6.46	43	7865	1.062	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	5636	1.127	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	5382	1.235	ug/l	94
77) Bromobenzene	11.26	156	3840	0.992	ug/l	96
78) n-propylbenzene	11.36	91	12147	0.762	ug/l	100
79) 2-Chlorotoluene	11.42	91	8586	0.873	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	8621	0.742	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	1067	0.768	ug/l	84
82) 4-Chlorotoluene	11.51	91	8954	0.778	ug/l	98
83) tert-Butylbenzene	11.77	119	9006	0.793	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	9755	0.829	ug/l	100
85) sec-Butylbenzene	11.94	105	9371	0.709	ug/l	96
86) p-Isopropyltoluene	12.07	119	8416	0.707	ug/l	93
87) 1,3-Dichlorobenzene	12.03	146	7029	0.988	ug/l	99
88) 1,4-Dichlorobenzene	12.03	146	7029	0.950	ug/l	99
89) n-Butylbenzene	12.39	91	7346	0.715	ug/l	99
90) Hexachloroethane	12.60	117	1518	0.796	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	7507	1.065	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	871	0.877	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
Quantitation Report (Not Reviewed)

Data File : VX004014.D
Acq On : 13 Aug 2018 23:39
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

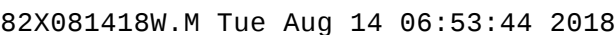
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC0

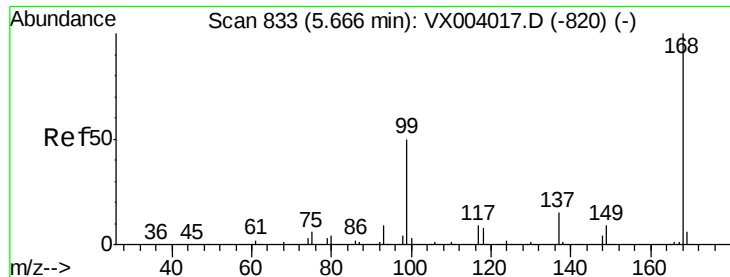
Quant Time: Aug 14 06:53:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 06:50:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	4122	0.831	ug/l	98
94) Hexachlorobutadiene	13.79	225	2175	0.961	ug/l	96
95) Naphthalene	13.83	128	10169	0.704	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	4154	0.828	ug/l	95

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

Quant Time: Aug 14 06:53:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 06:50:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

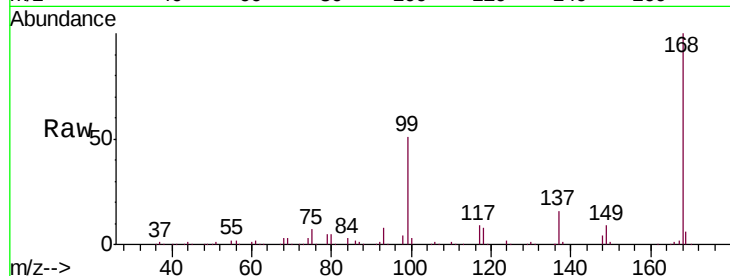
VSTDIC0

Tgt Ion:168 Resp: 248069

Ion Ratio Lower Upper

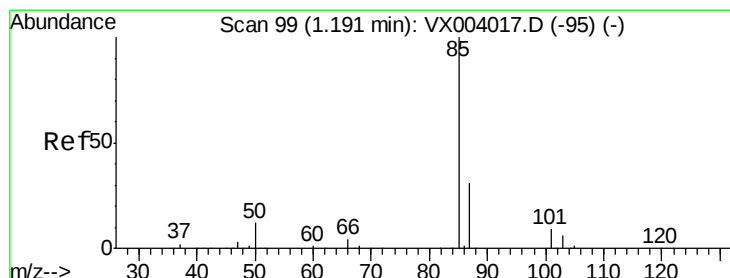
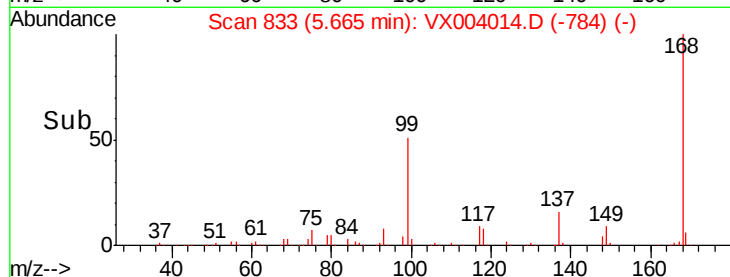
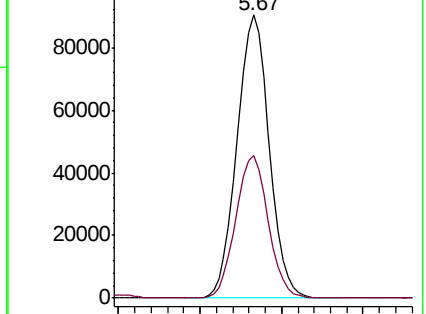
168 100

99 50.5 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.929 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX004014.D

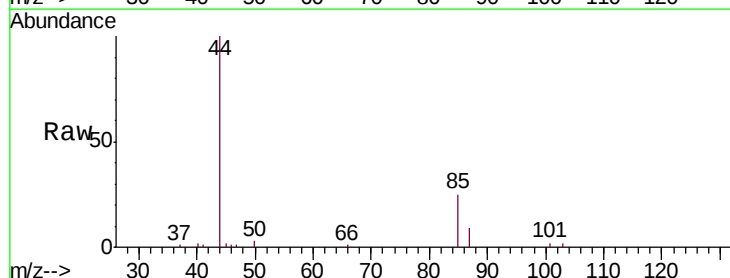
Acq: 13 Aug 2018 23:39

Tgt Ion: 85 Resp: 2233

Ion Ratio Lower Upper

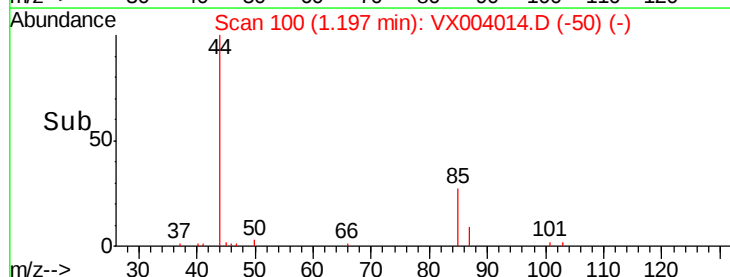
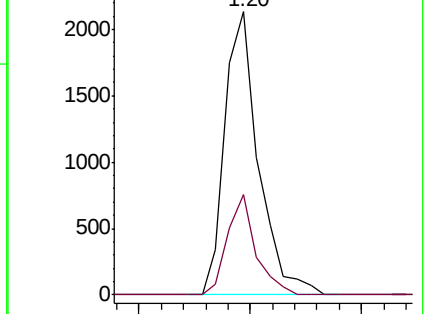
85 100

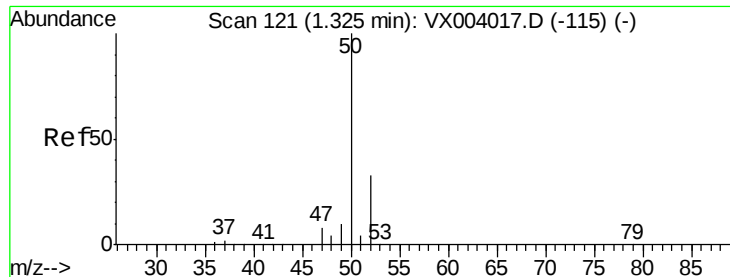
87 35.2 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.110 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

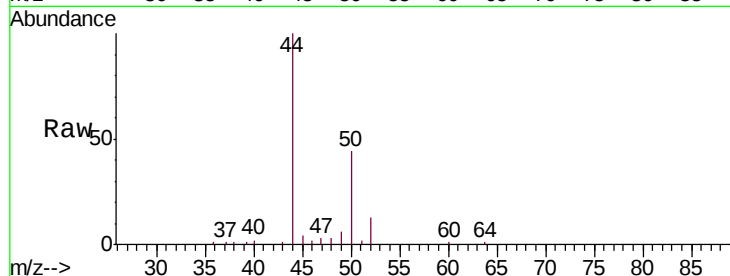
VSTDIC0

Tgt Ion: 50 Resp: 3764

Ion Ratio Lower Upper

50 100

52 30.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

4000

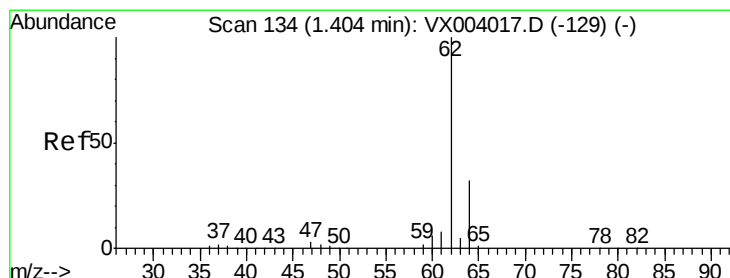
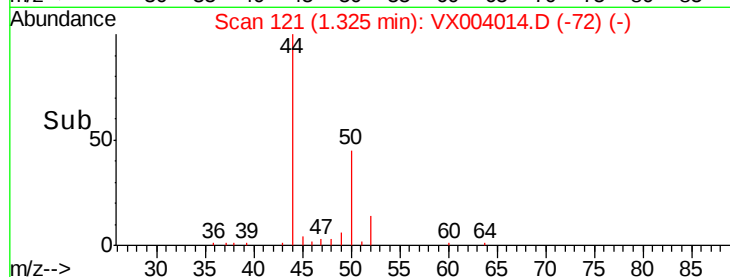
3000

2000

1000

0

Time-->



#4

Vinyl Chloride

Concen: 1.022 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX004014.D

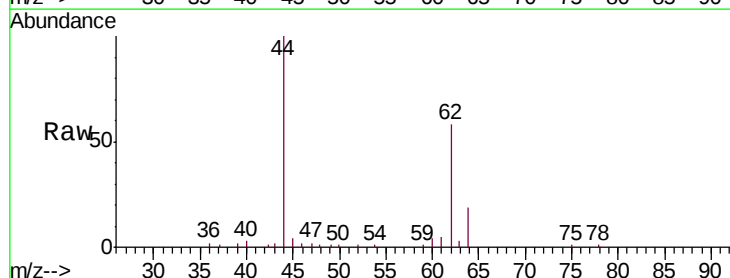
Acq: 13 Aug 2018 23:39

Tgt Ion: 62 Resp: 3434

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

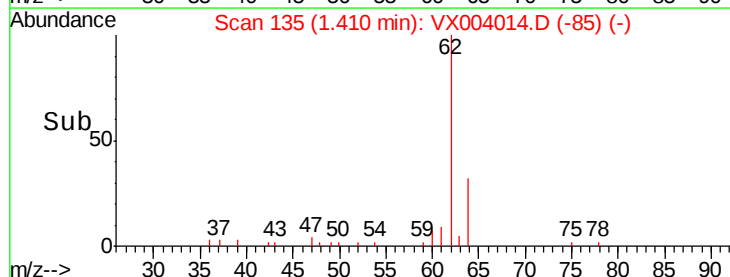
3000

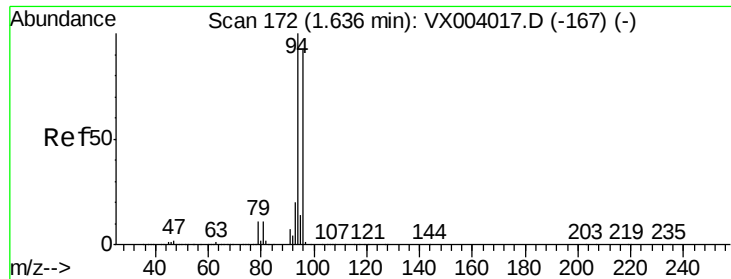
2000

1000

0

Time-->





#5

Bromomethane

Concen: 1.445 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

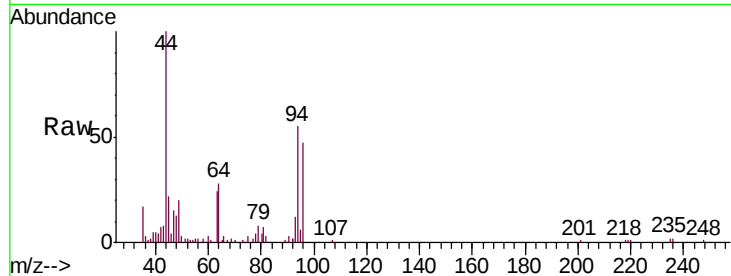
VSTDIC0

Tgt Ion: 94 Resp: 3082

Ion Ratio Lower Upper

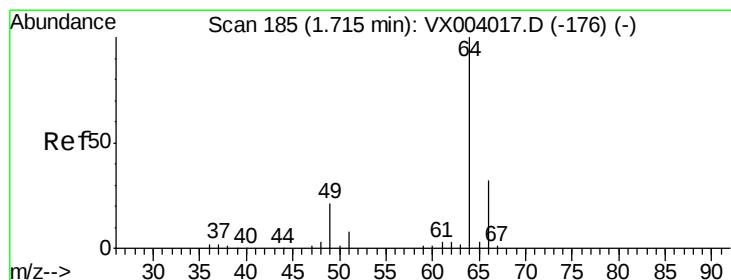
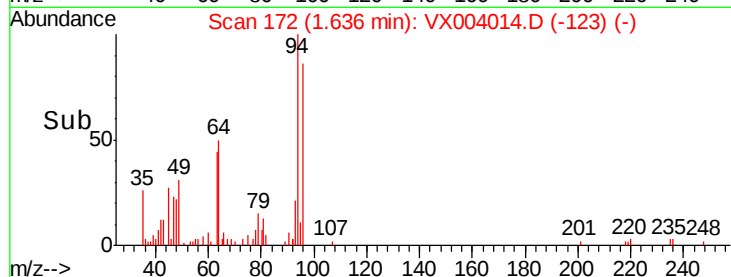
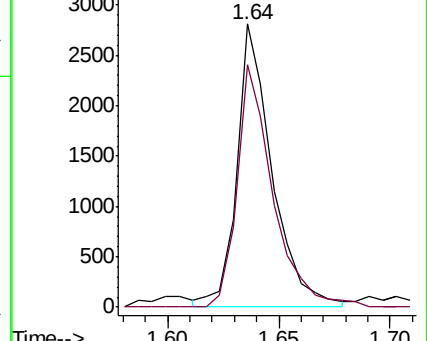
94 100

96 87.2 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.631 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX004014.D

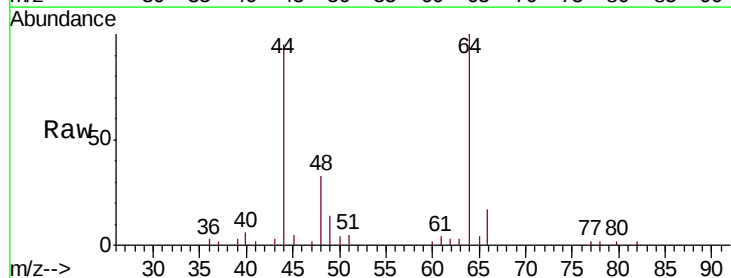
Acq: 13 Aug 2018 23:39

Tgt Ion: 64 Resp: 3594

Ion Ratio Lower Upper

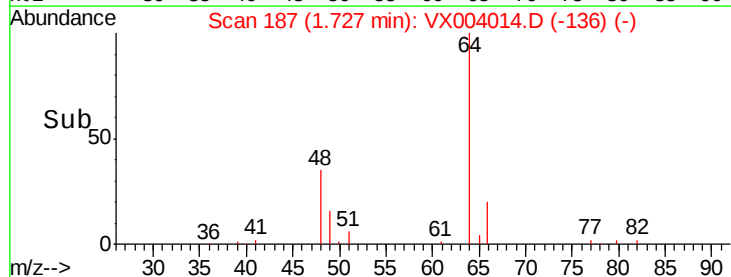
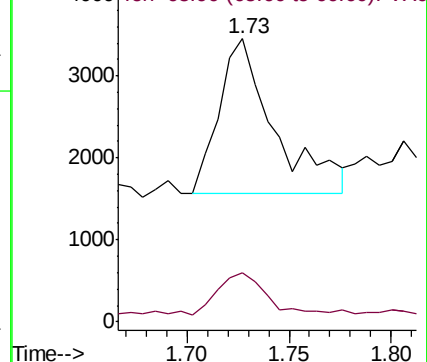
64 100

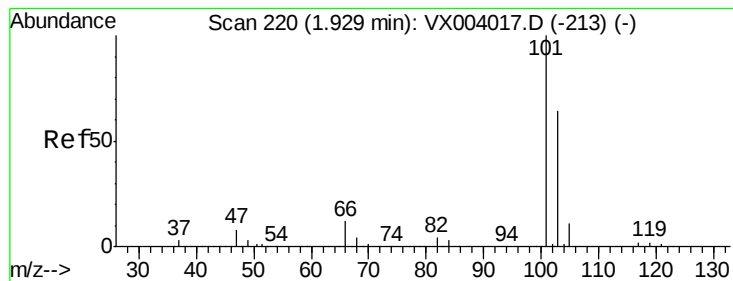
66 27.1 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



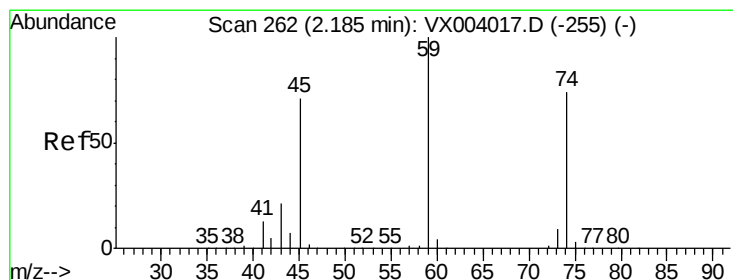
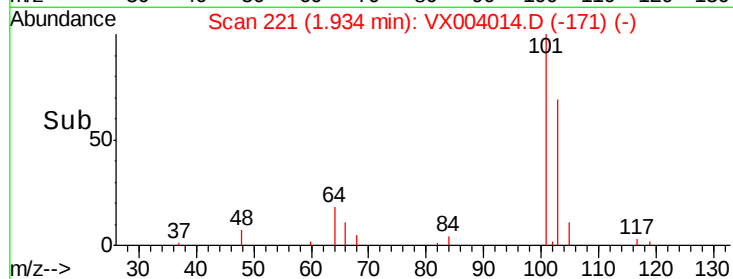
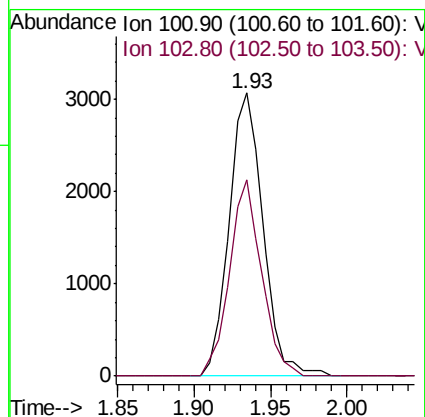
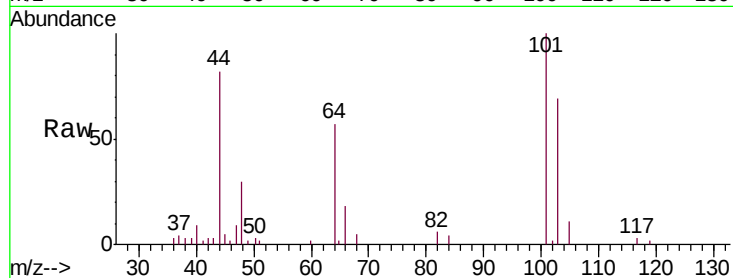


#7

Trichlorofluoromethane
 Concen: 1.072 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCO

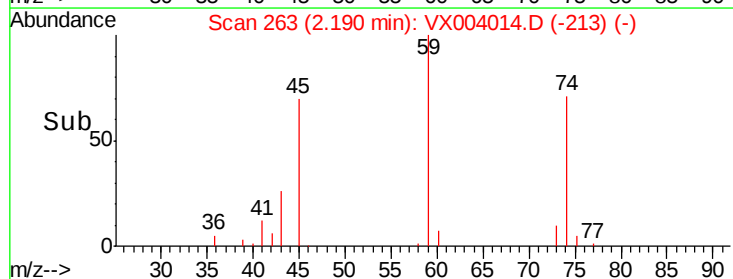
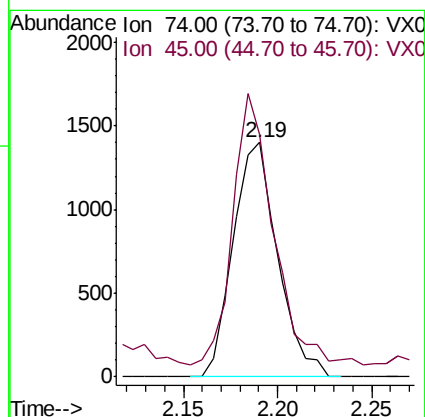
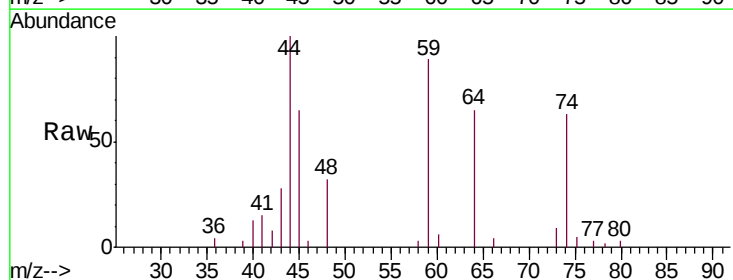
Tgt Ion: 101 Resp: 4709
 Ion Ratio Lower Upper
 101 100
 103 69.3 51.3 76.9

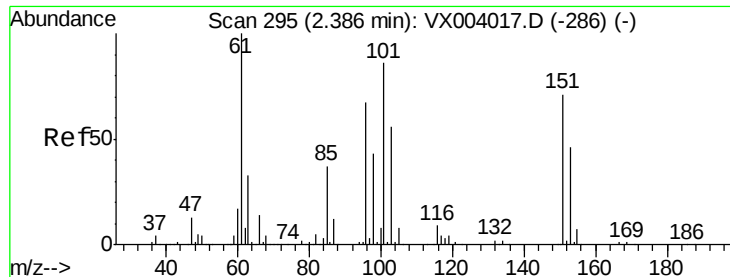


#8

Diethyl Ether
 Concen: 1.105 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.01 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

Tgt Ion: 74 Resp: 2293
 Ion Ratio Lower Upper
 74 100
 45 106.2 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.005 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

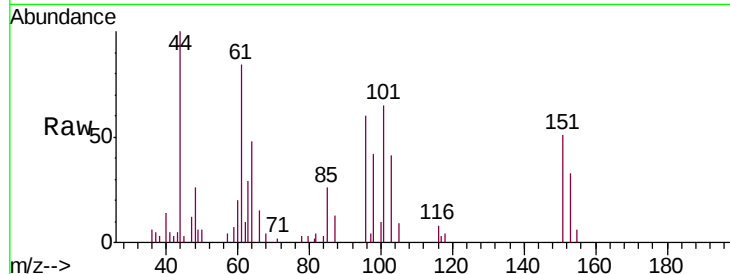
Tgt Ion:101 Resp: 2738

Ion Ratio Lower Upper

101 100

85 48.5 34.0 51.0

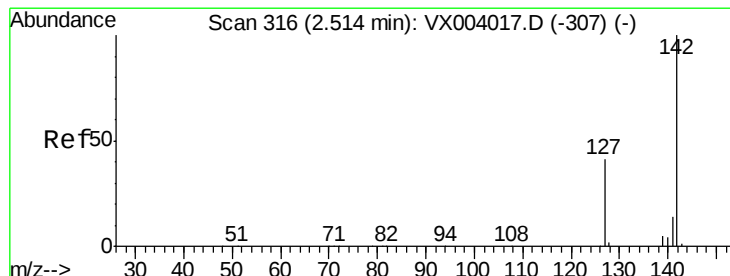
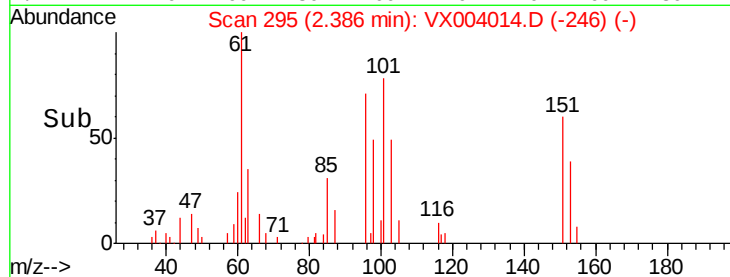
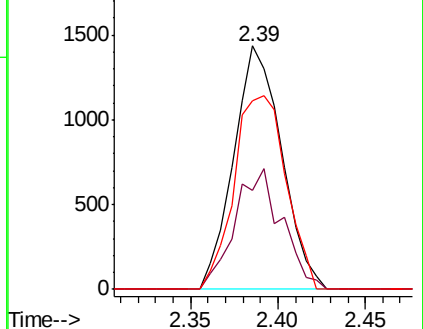
151 86.3 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.853 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

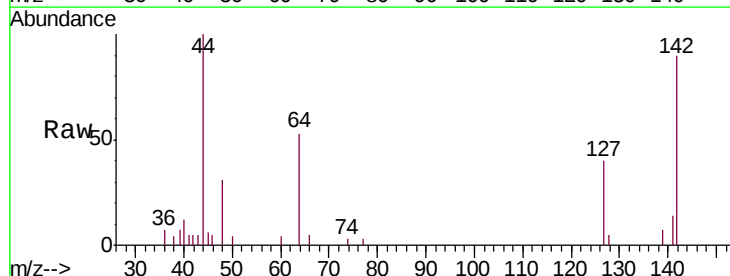
Tgt Ion:142 Resp: 2893

Ion Ratio Lower Upper

142 100

127 42.0 33.5 50.3

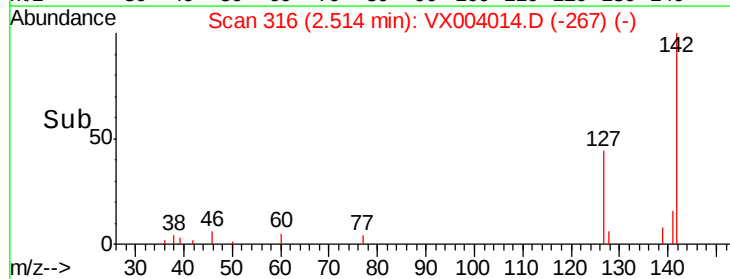
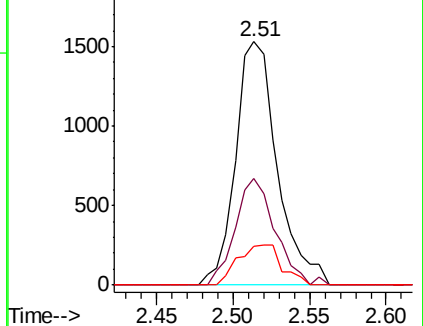
141 17.2 11.0 16.6#

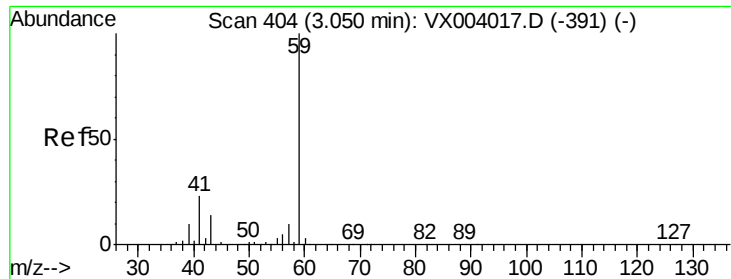


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



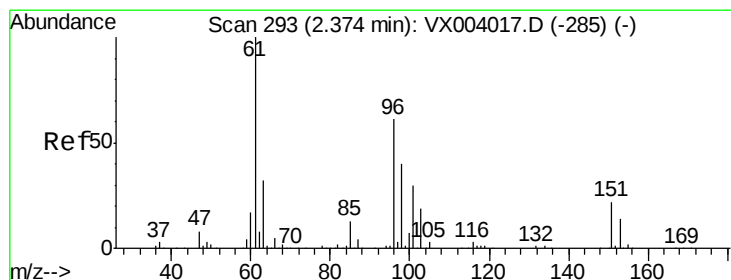
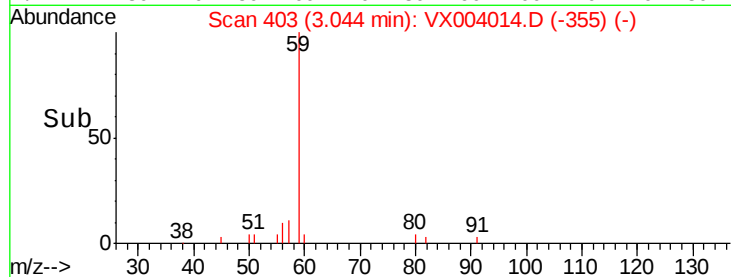
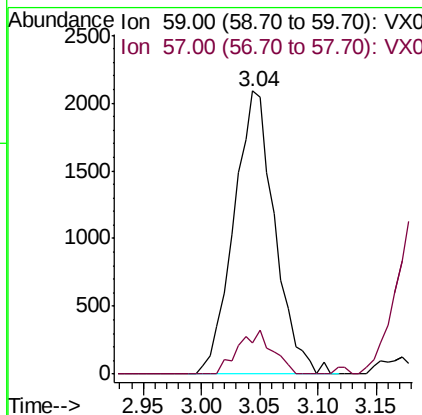
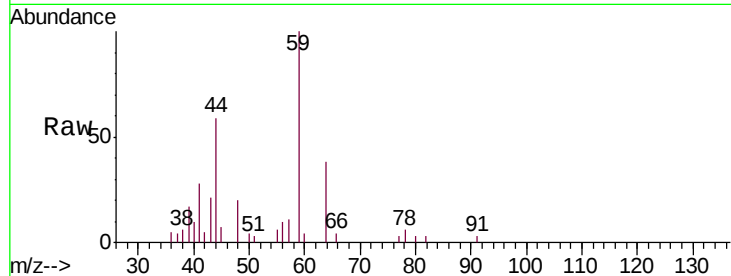


#11

Tert butyl alcohol
 Concen: 6.310 ug/l
 RT: 3.04 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC0

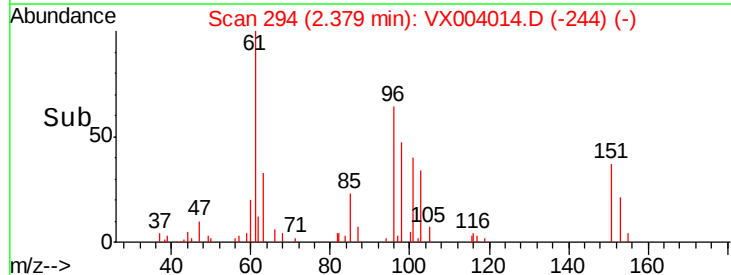
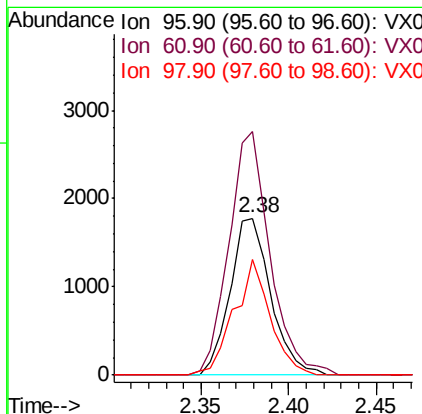
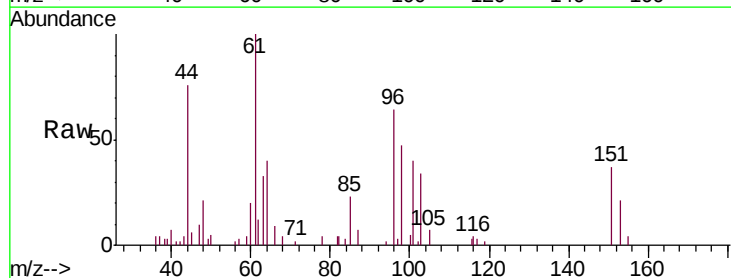
Tgt Ion: 59 Resp: 5099
 Ion Ratio Lower Upper
 59 100
 57 12.9 8.5 12.7#

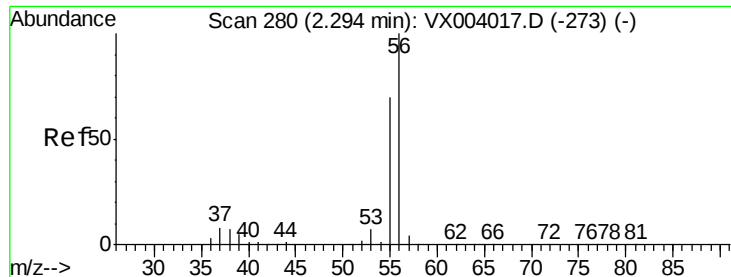


#12

1,1-Dichloroethene
 Concen: 1.088 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

Tgt Ion: 96 Resp: 2873
 Ion Ratio Lower Upper
 96 100
 61 155.5 131.2 196.8
 98 73.7 52.0 78.0





#13

Acrolein

Concen: 3.632 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampled :

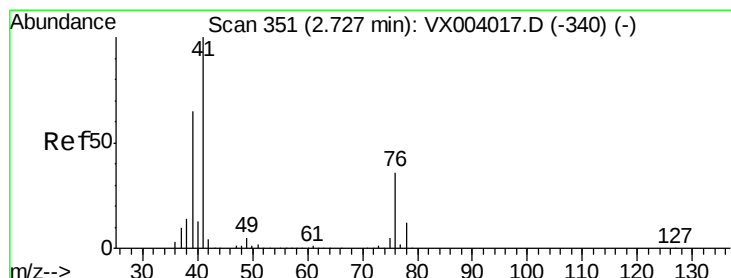
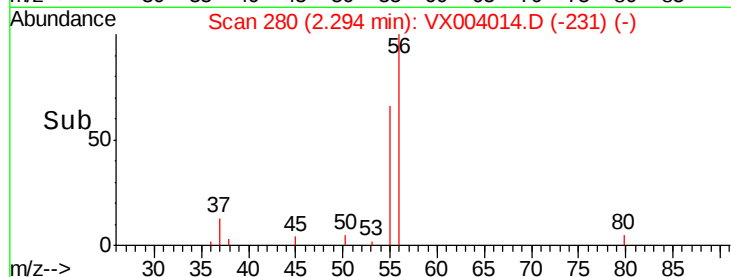
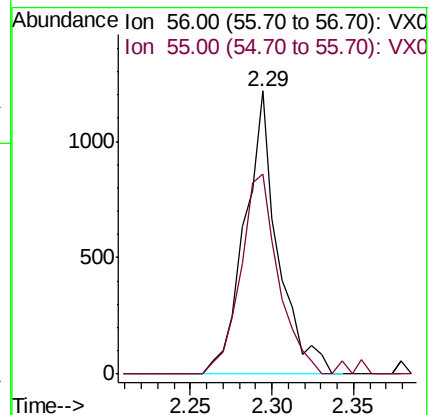
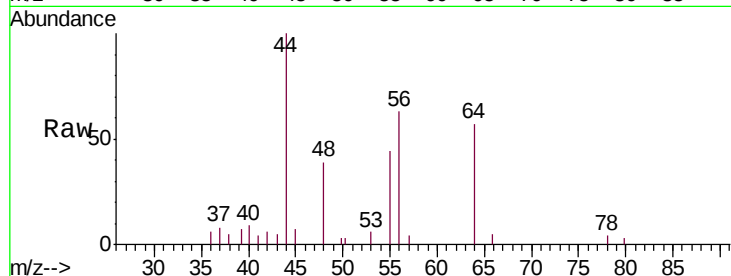
VSTDIC0

Tgt Ion: 56 Resp: 1717

Ion Ratio Lower Upper

56 100

55 80.6 56.9 85.3



#14

Allyl chloride

Concen: 1.081 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

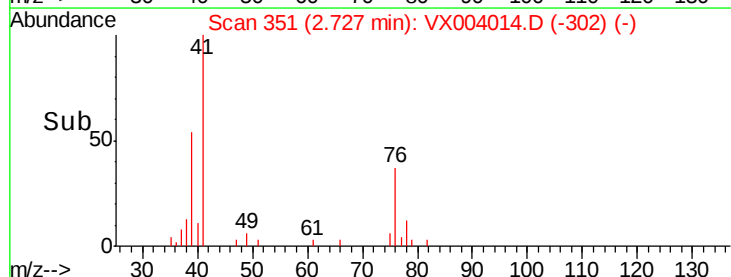
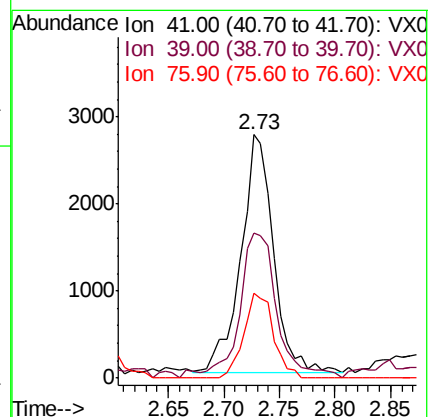
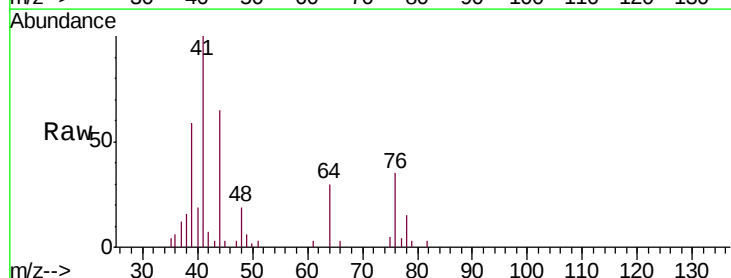
Tgt Ion: 41 Resp: 5568

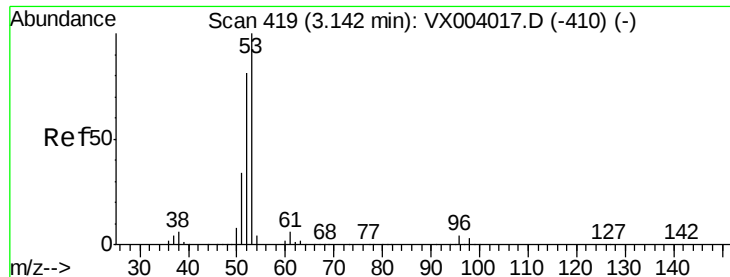
Ion Ratio Lower Upper

41 100

39 70.2 48.8 73.2

76 32.1 25.9 38.9





#15

Acrylonitrile

Concen: 5.936 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

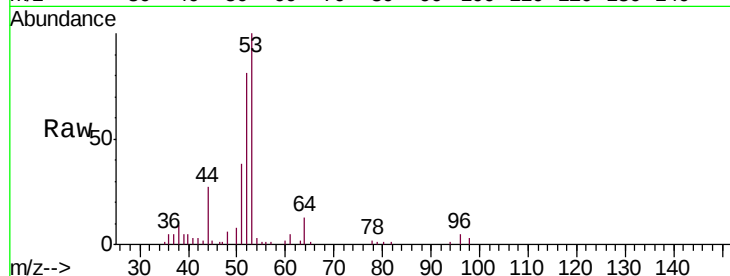
Tgt Ion: 53 Resp: 11590

Ion Ratio Lower Upper

53 100

52 84.1 65.0 97.6

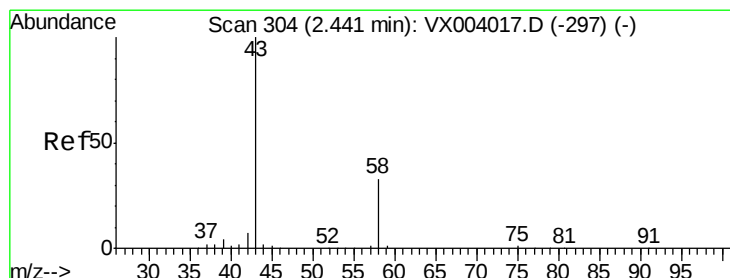
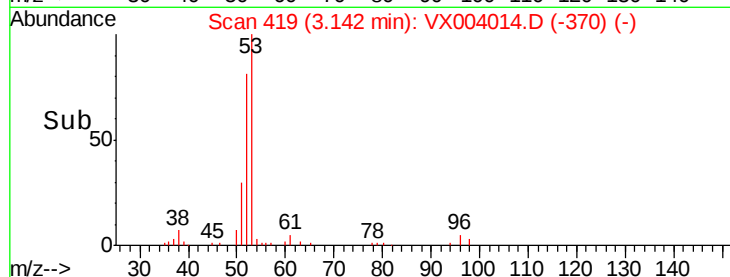
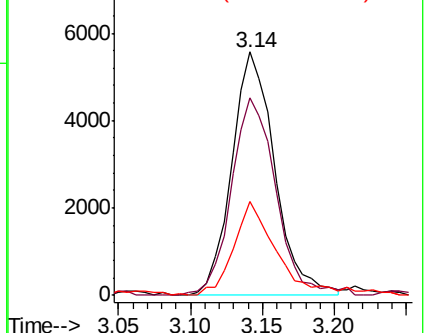
51 39.4 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 5.971 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004014.D

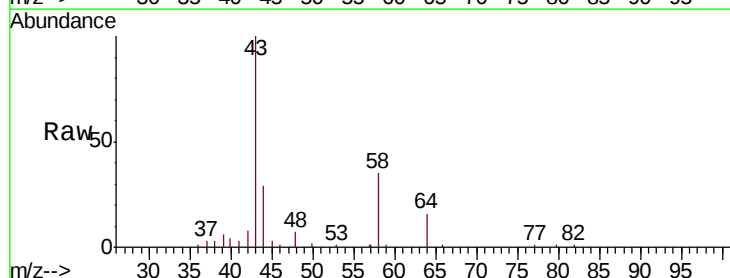
Acq: 13 Aug 2018 23:39

Tgt Ion: 43 Resp: 11984

Ion Ratio Lower Upper

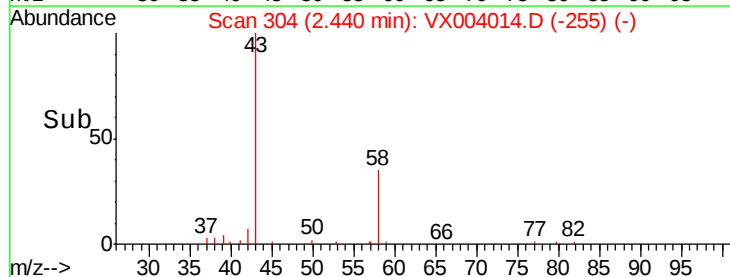
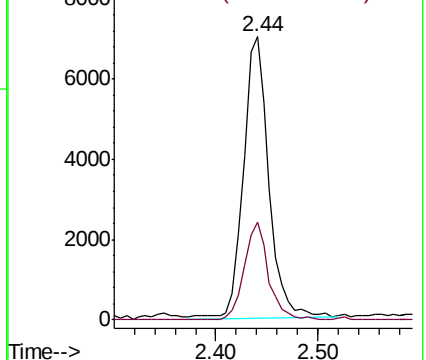
43 100

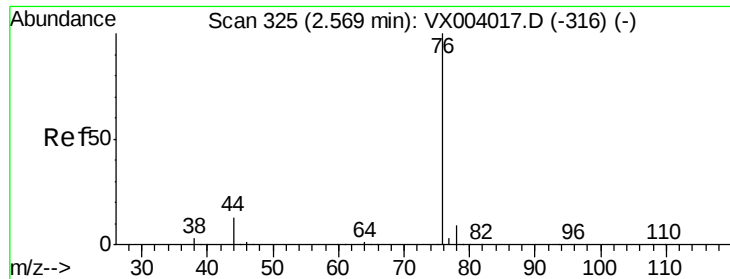
58 35.2 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.021 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampled :

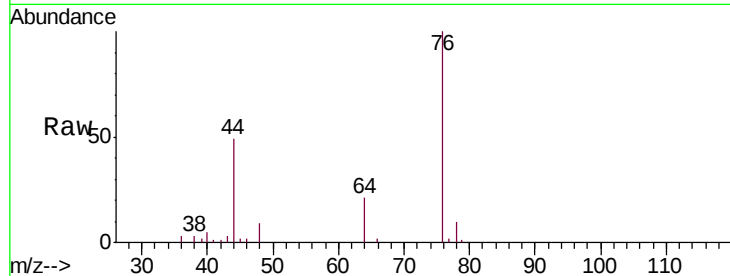
VSTDIC0

Tgt Ion: 76 Resp: 8182

Ion Ratio Lower Upper

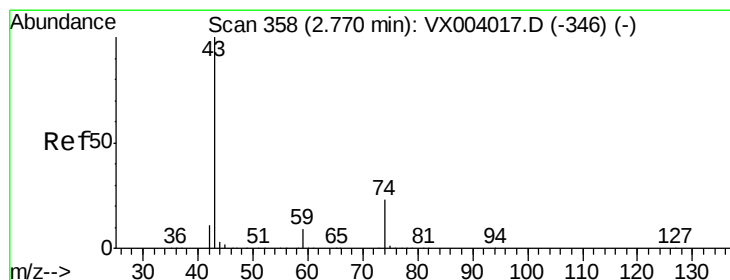
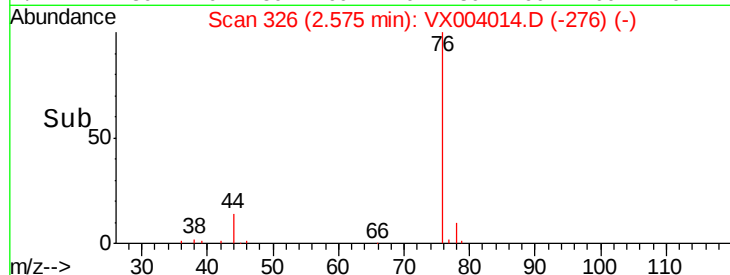
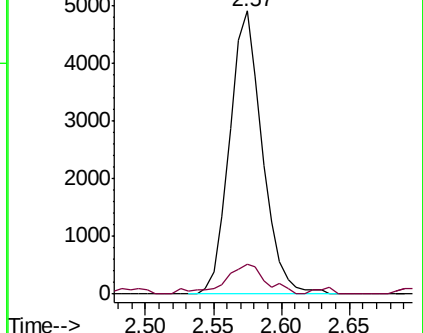
76 100

78 10.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.290 ug/l

RT: 2.77 min Scan# 358

Delta R.T. -0.00 min

Lab File: VX004014.D

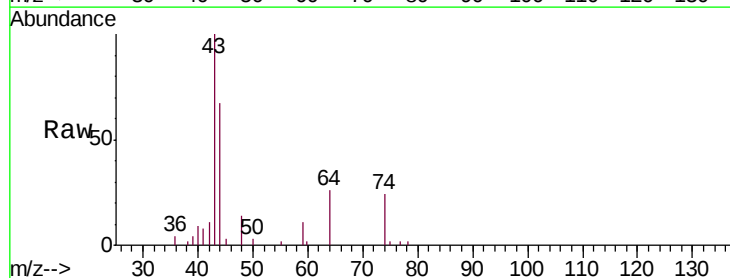
Acq: 13 Aug 2018 23:39

Tgt Ion: 43 Resp: 5634

Ion Ratio Lower Upper

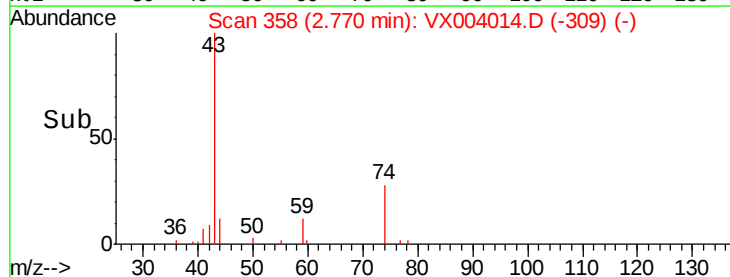
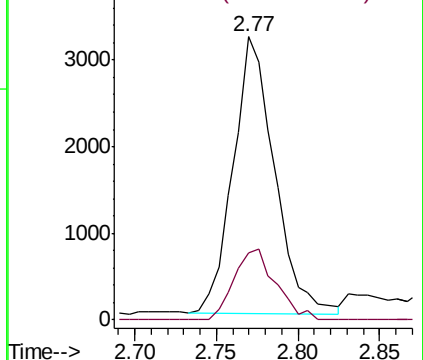
43 100

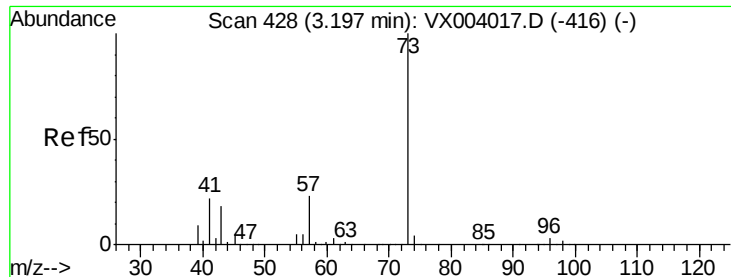
74 25.9 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

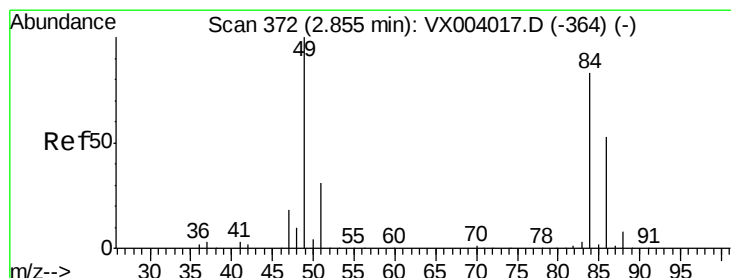
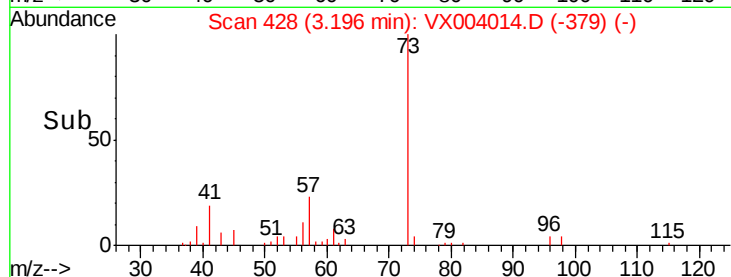
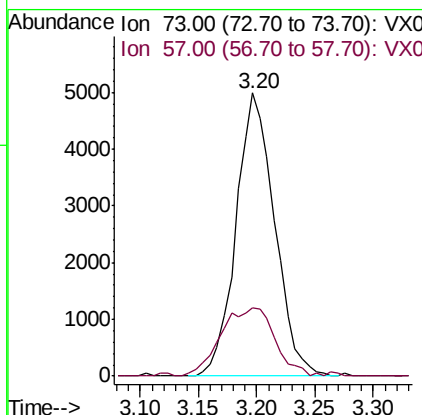
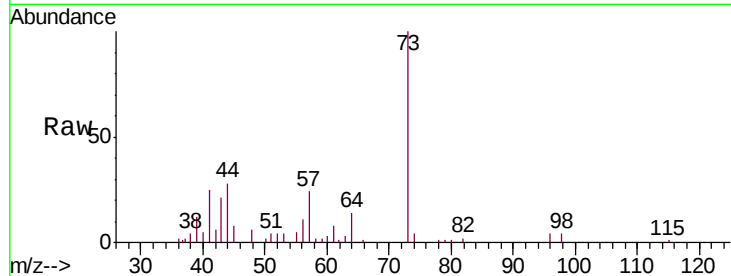




#19
Methyl tert-butyl Ether
Concen: 1.181 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

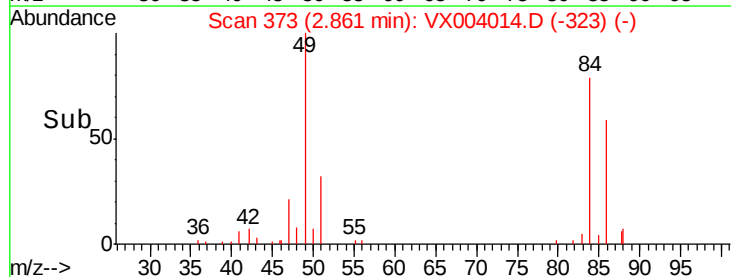
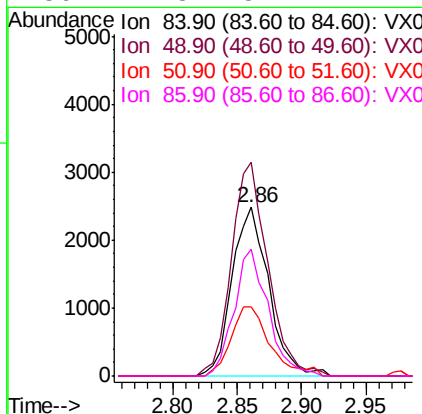
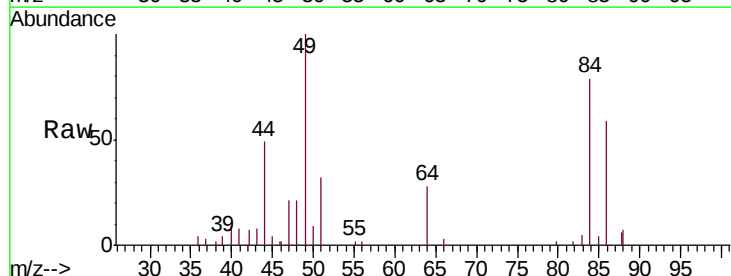
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC0

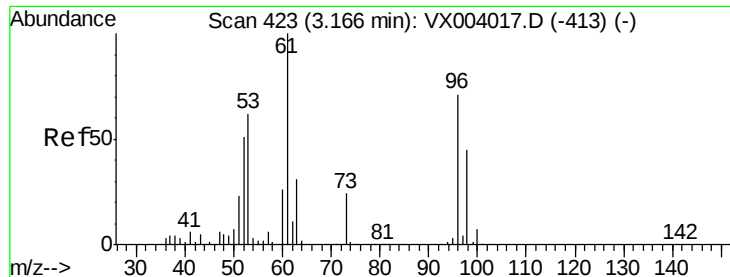
Tgt Ion: 73 Resp: 11508
Ion Ratio Lower Upper
73 100
57 22.9 18.2 27.2



#20
Methylene Chloride
Concen: 1.020 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

Tgt Ion: 84 Resp: 4917
Ion Ratio Lower Upper
84 100
49 126.6 96.9 145.3
51 40.8 30.2 45.2
86 74.8 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 1.238 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCO

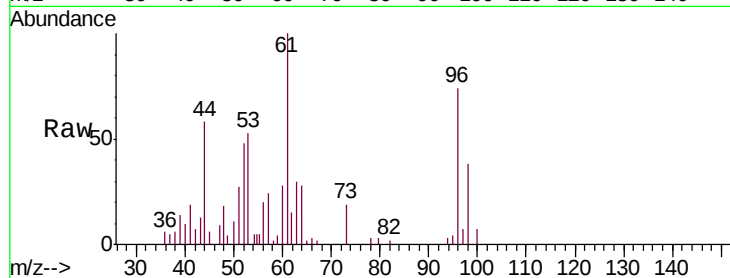
Tgt Ion: 96 Resp: 3784

Ion Ratio Lower Upper

96 100

61 134.3 112.3 168.5

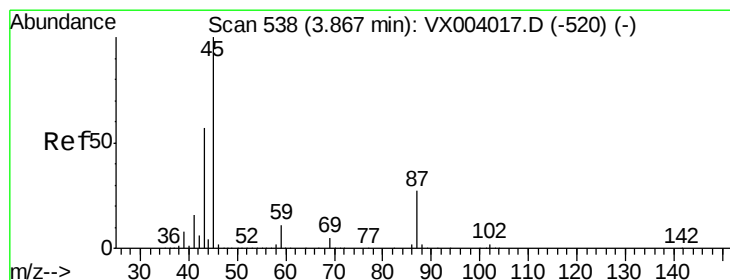
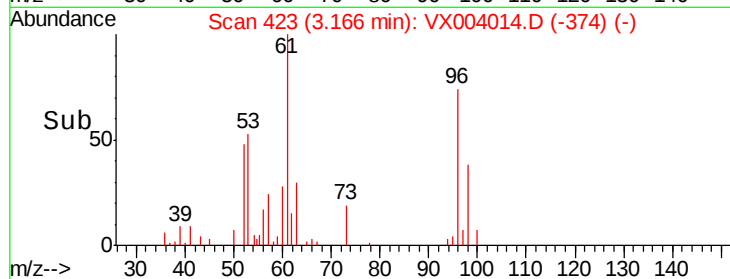
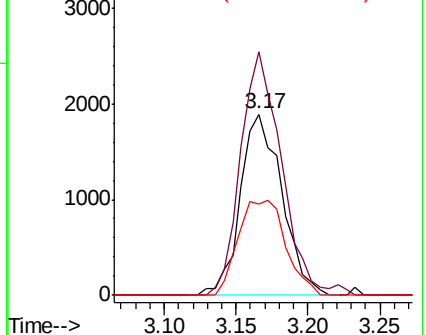
98 50.4 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 1.227 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Tgt Ion: 45 Resp: 12084

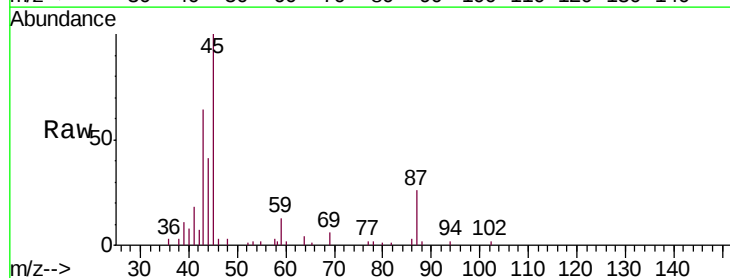
Ion Ratio Lower Upper

45 100

43 59.8 45.6 68.4

87 26.0 21.4 32.0

59 13.1 9.0 13.4

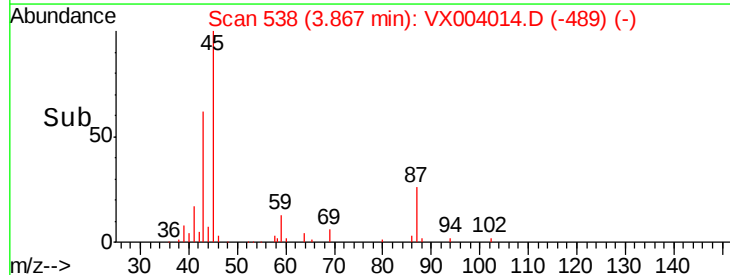
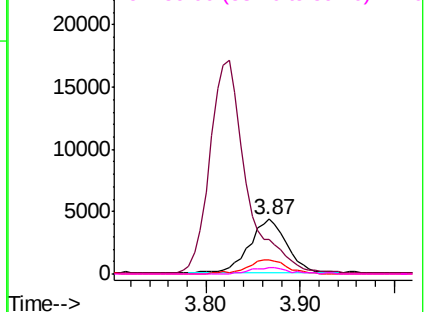


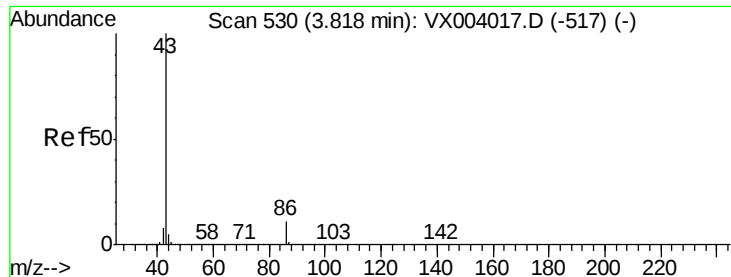
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 5.559 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.01 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

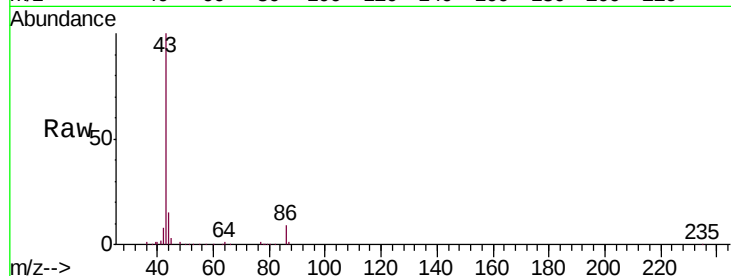
VSTDICCO

Tgt Ion: 43 Resp: 45730

Ion Ratio Lower Upper

43 100

86 9.3 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

20000

15000

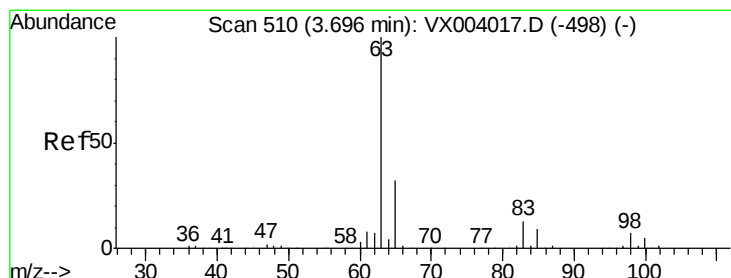
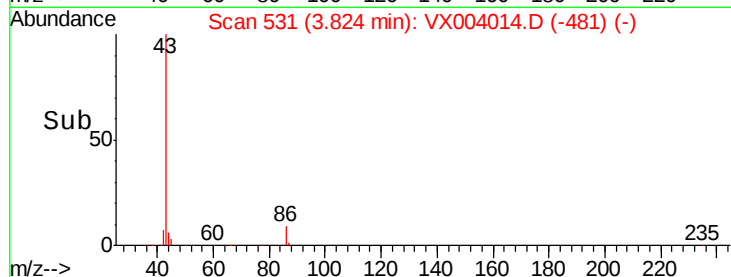
10000

5000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 1.215 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

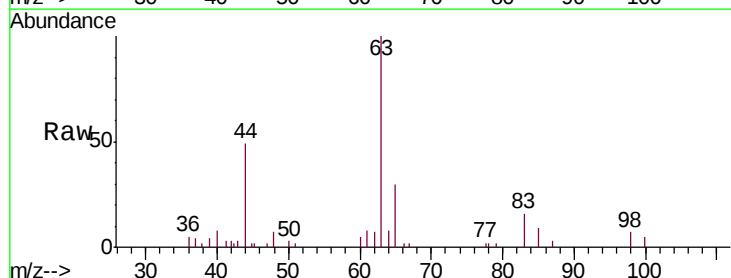
Tgt Ion: 63 Resp: 6948

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

100 4.8 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

4000

3000

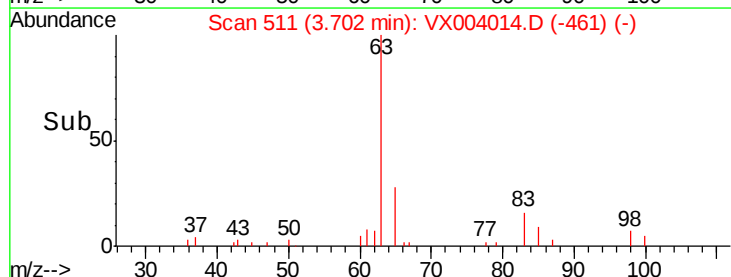
2000

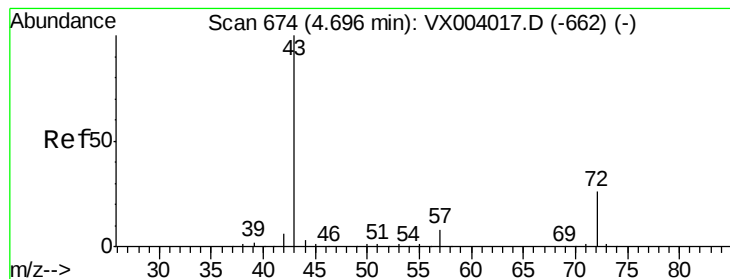
1000

0

3.60 3.65 3.70 3.75 3.80

Time-->





#25

2-Butanone

Concen: 5.899 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

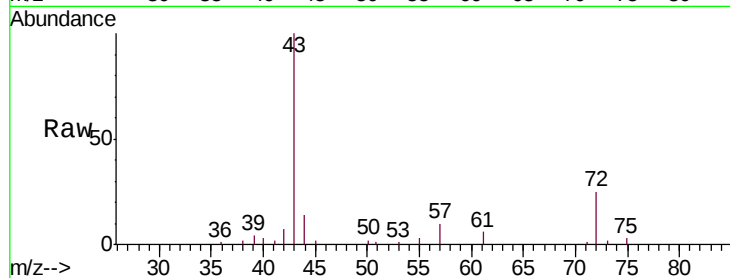
VSTDIC0

Tgt Ion: 43 Resp: 17990

Ion Ratio Lower Upper

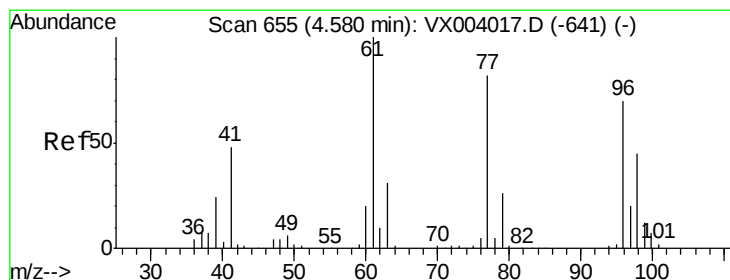
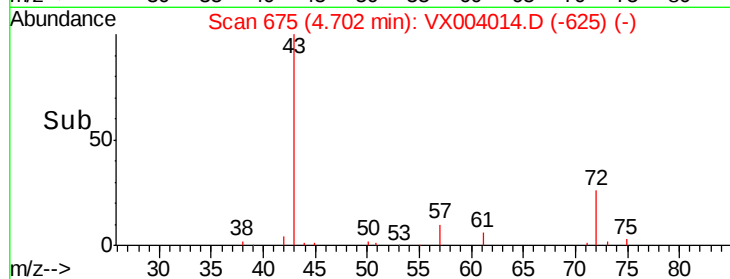
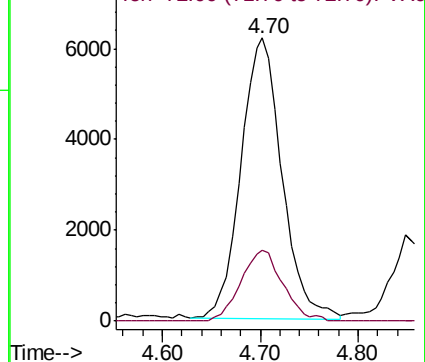
43 100

72 25.5 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.058 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX004014.D

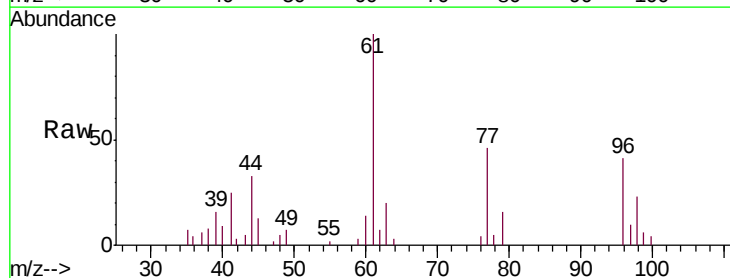
Acq: 13 Aug 2018 23:39

Tgt Ion: 77 Resp: 4167

Ion Ratio Lower Upper

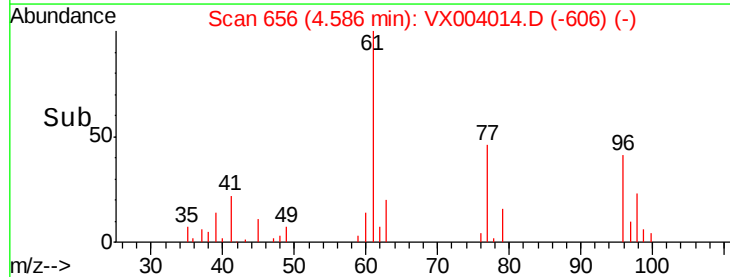
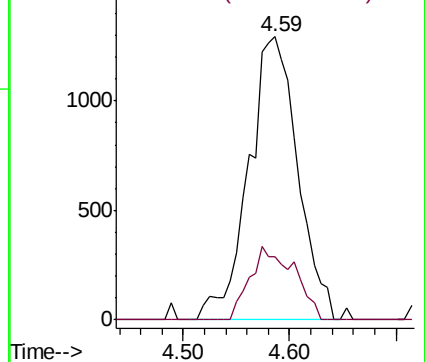
77 100

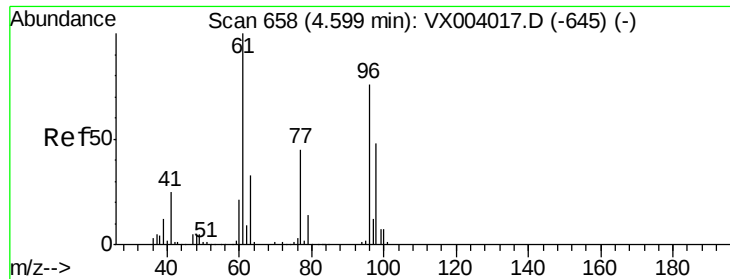
97 23.4 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 1.171 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

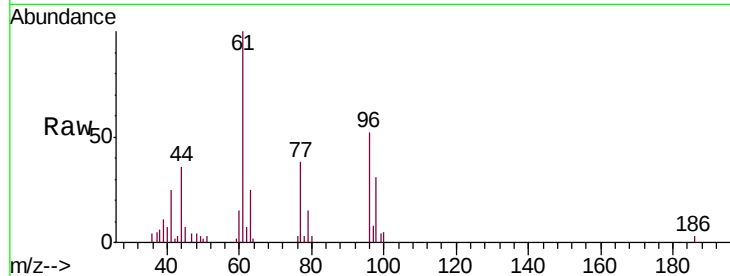
Tgt Ion: 96 Resp: 3948

Ion Ratio Lower Upper

96 100

61 293.7 0.0 281.8#

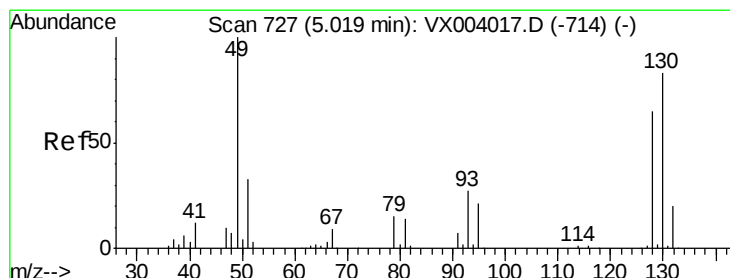
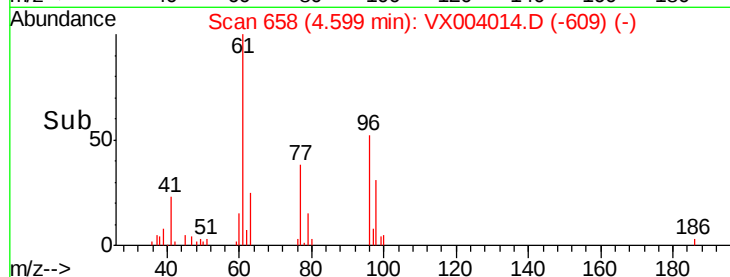
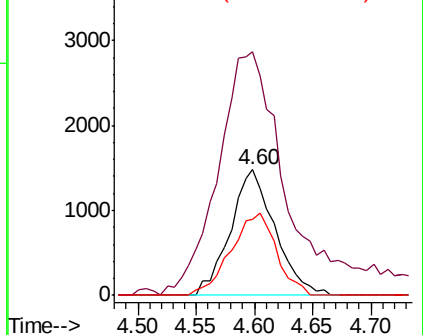
98 66.3 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 1.174 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.01 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

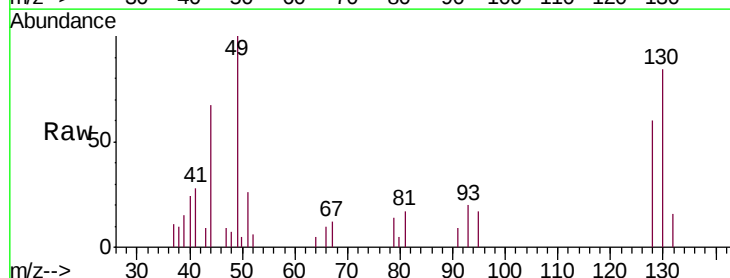
Tgt Ion: 49 Resp: 2944

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

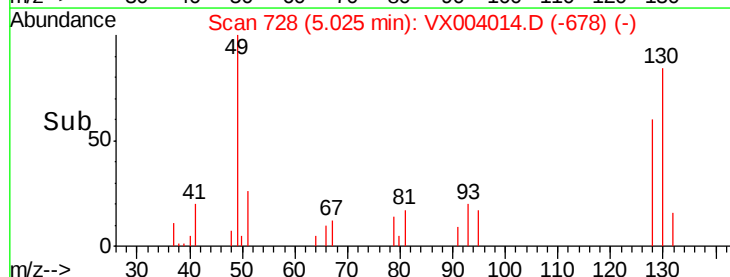
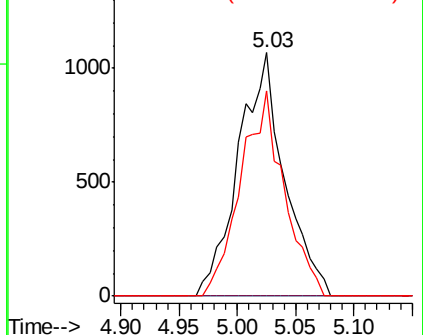
130 79.2 65.8 98.8

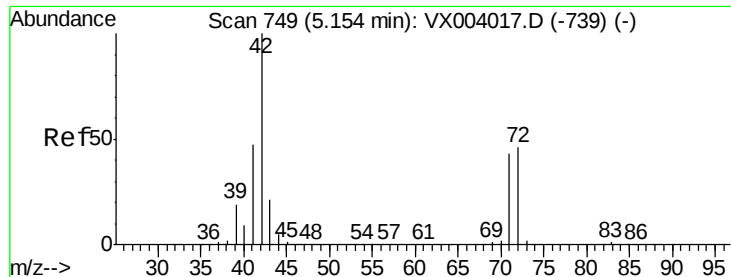


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

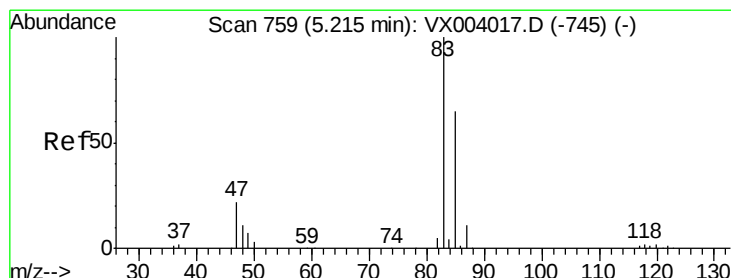
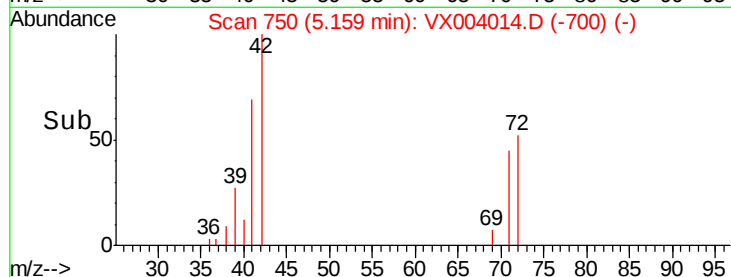
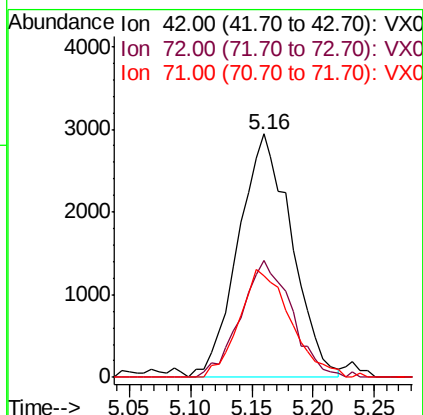
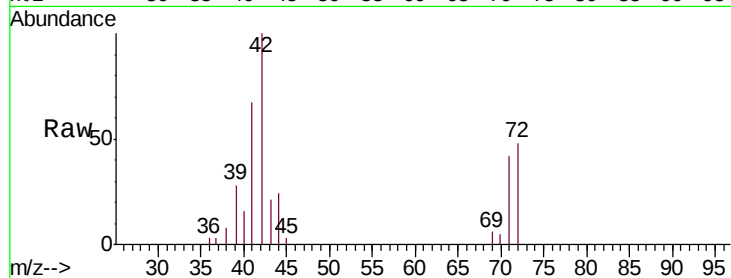




#29
Tetrahydrofuran
Concen: 5.713 ug/l
RT: 5.16 min Scan# 750
Delta R.T. 0.01 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

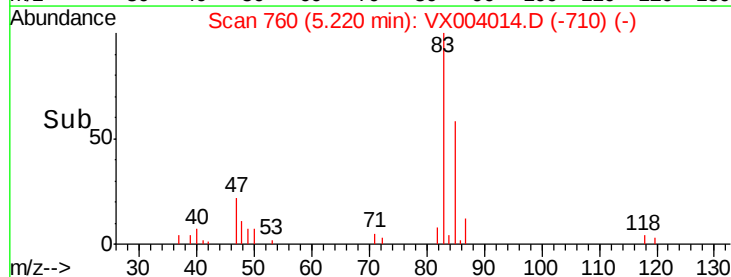
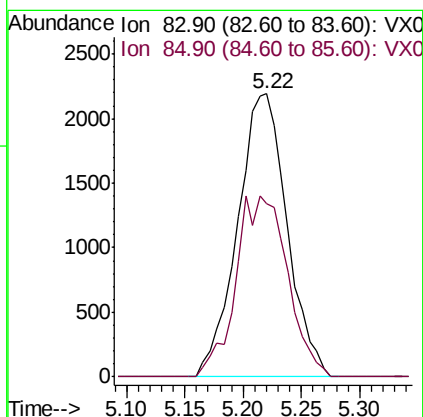
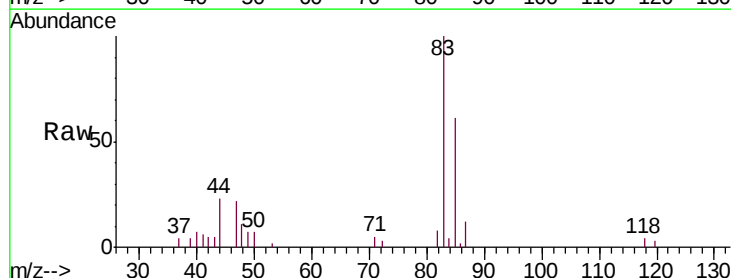
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC0

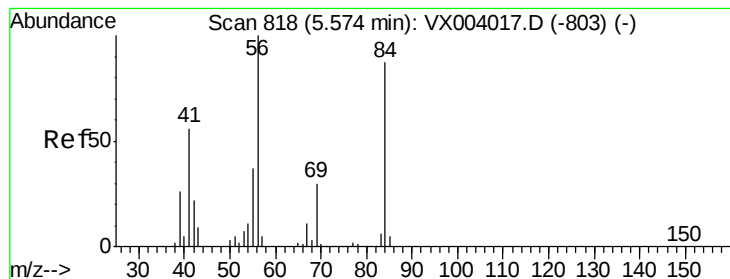
Tgt Ion: 42 Resp: 8933
Ion Ratio Lower Upper
42 100
72 45.7 37.2 55.8
71 42.5 34.6 51.8



#30
Chloroform
Concen: 1.198 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

Tgt Ion: 83 Resp: 6488
Ion Ratio Lower Upper
83 100
85 61.3 51.8 77.6





#31

Cyclohexane

Concen: 0.996 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

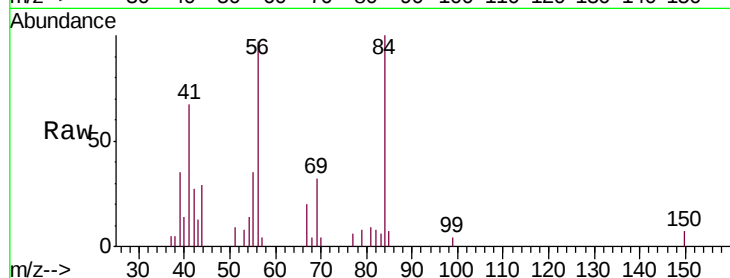
Tgt Ion: 56 Resp: 4555

Ion Ratio Lower Upper

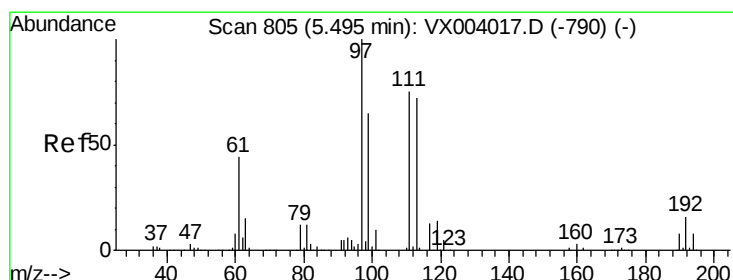
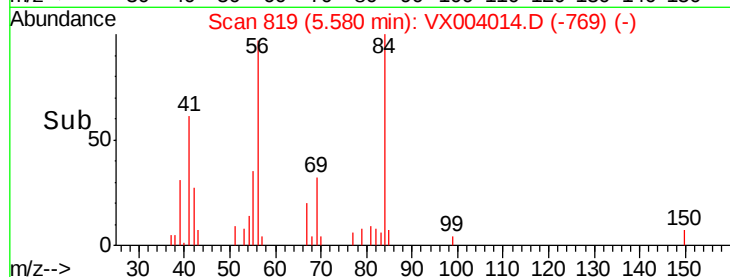
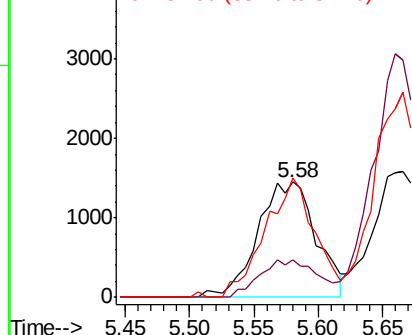
56 100

69 32.8 23.7 35.5

84 103.6 69.8 104.6



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



#32

1,1,1-Trichloroethane

Concen: 1.082 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

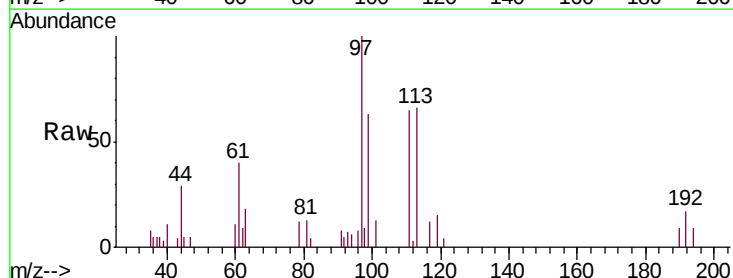
Tgt Ion: 97 Resp: 4804

Ion Ratio Lower Upper

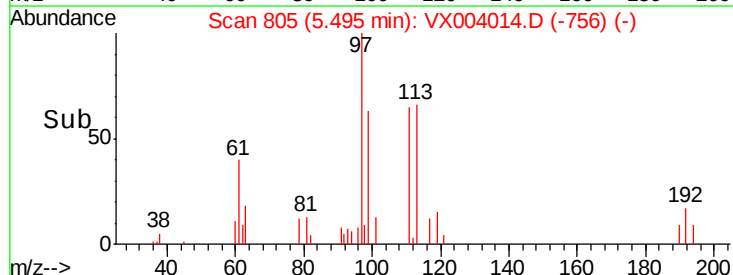
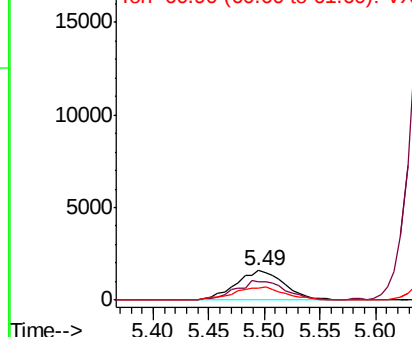
97 100

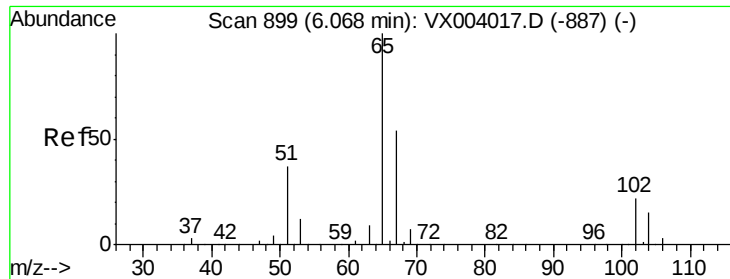
99 0.0 52.0 78.0#

61 45.3 35.8 53.6



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

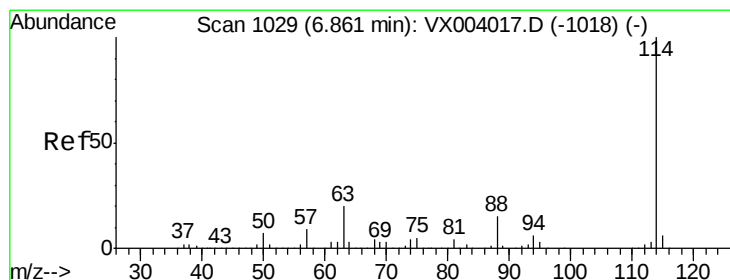
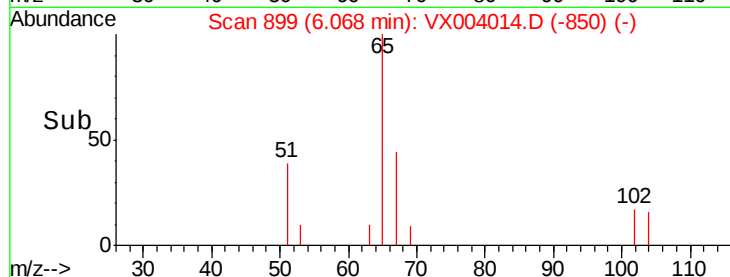
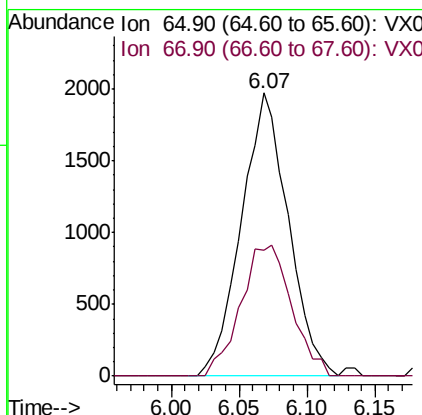
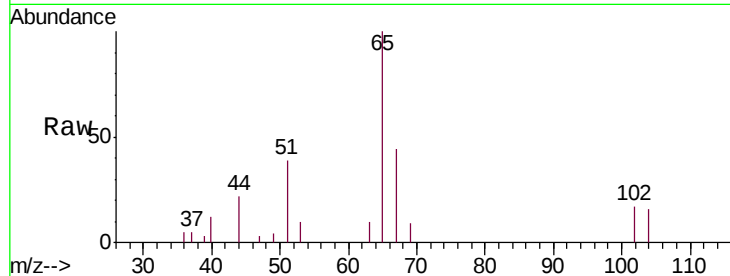




#33
 1,2-Dichloroethane-d4
 Concen: 1.376 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

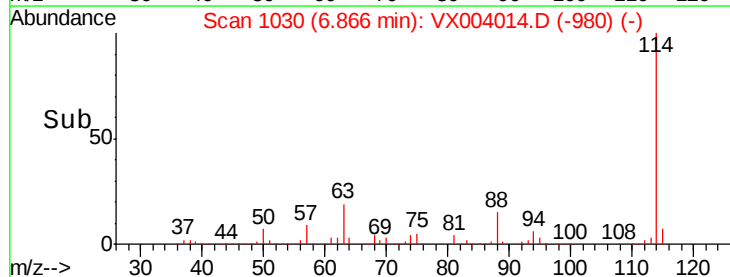
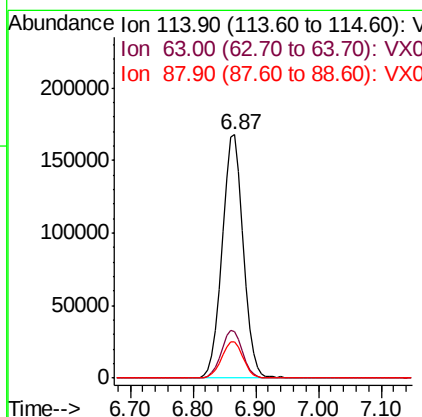
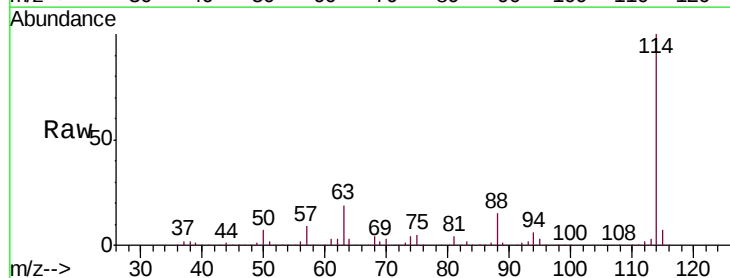
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC0

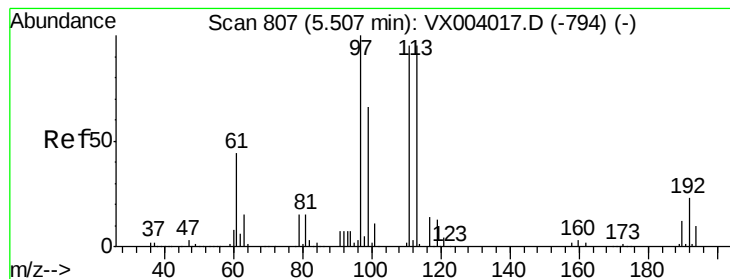
Tgt Ion: 65 Resp: 4764
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

Tgt Ion: 114 Resp: 391603
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.4
 88 14.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 1.104 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

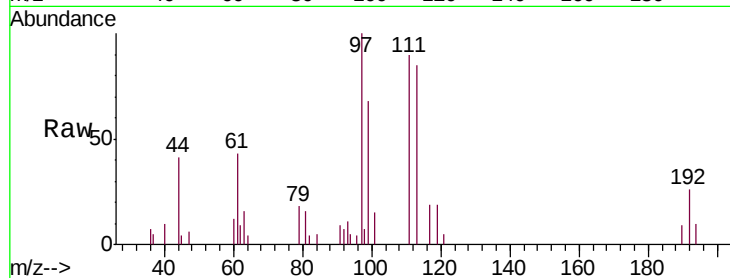
Tgt Ion:113 Resp: 3315

Ion Ratio Lower Upper

113 100

111 104.5 82.4 123.6

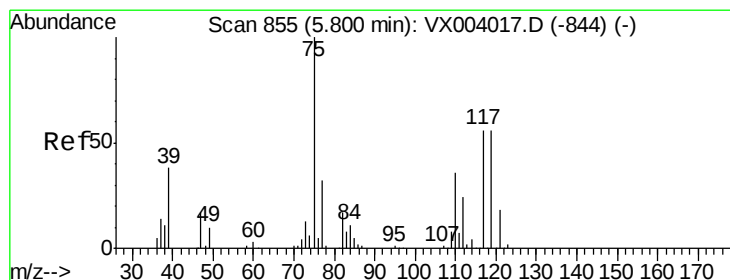
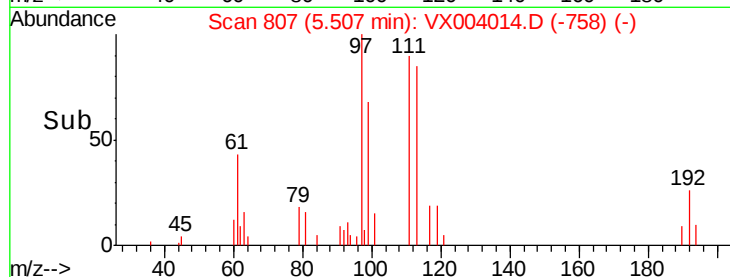
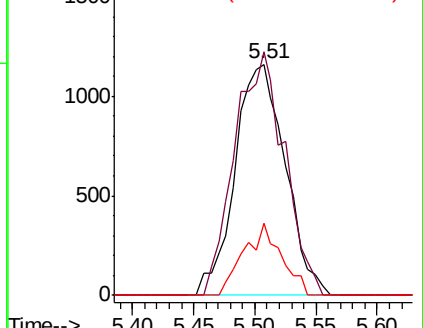
192 23.3 19.0 28.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.048 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

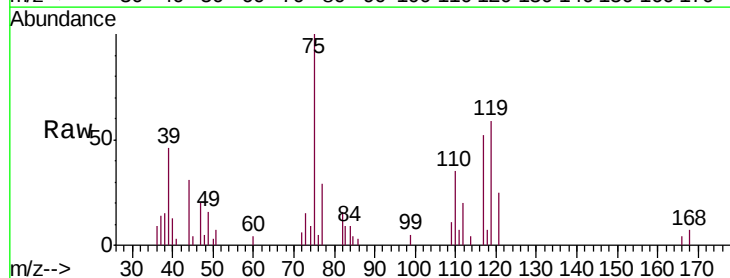
Tgt Ion: 75 Resp: 4502

Ion Ratio Lower Upper

75 100

110 37.2 18.1 54.3

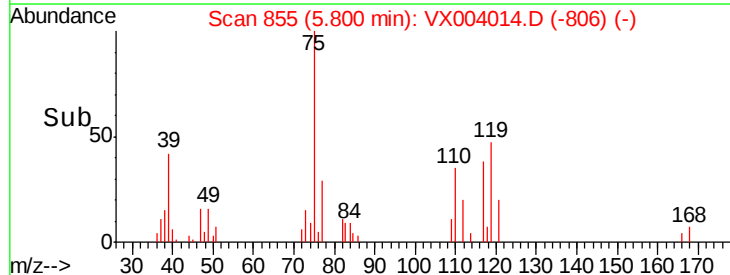
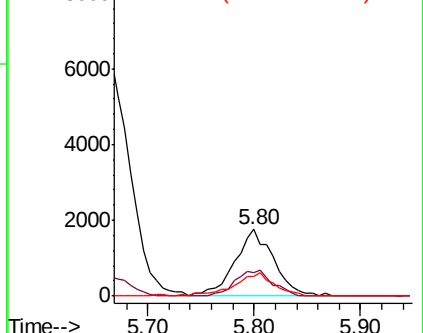
77 35.2 24.6 37.0

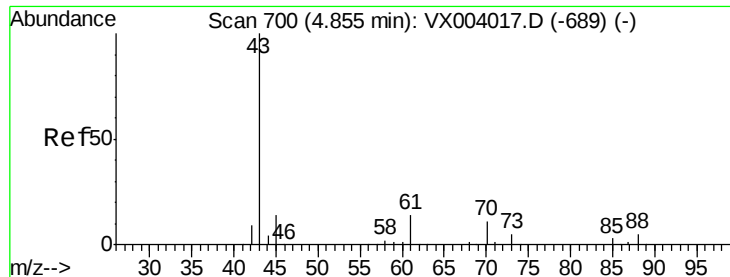


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

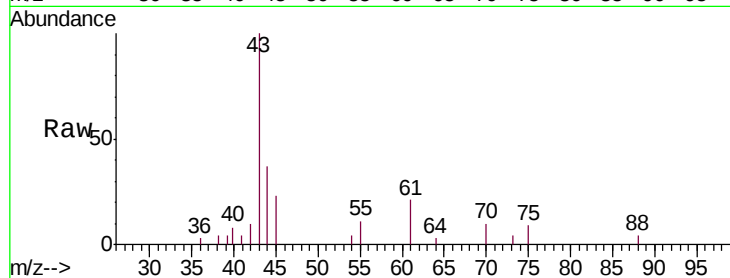




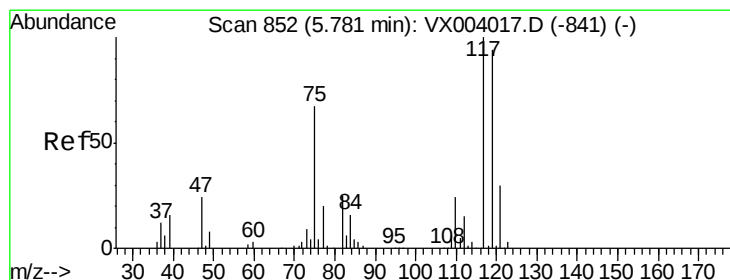
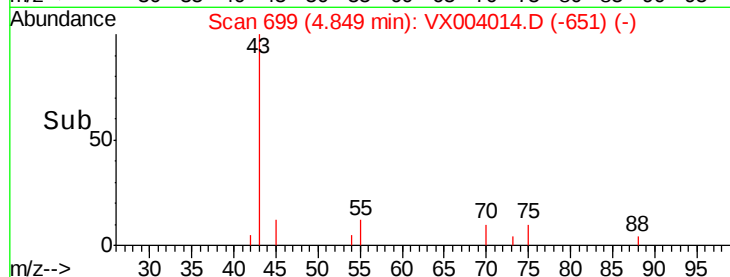
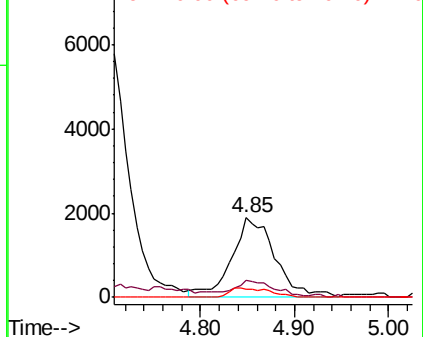
#37
Ethyl Acetate
Concen: 1.251 ug/l
RT: 4.85 min Scan# 699
Delta R.T. -0.01 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC0

Tgt Ion: 43 Resp: 6122
Ion Ratio Lower Upper
43 100
61 14.9 11.8 17.8
70 10.8 8.9 13.3

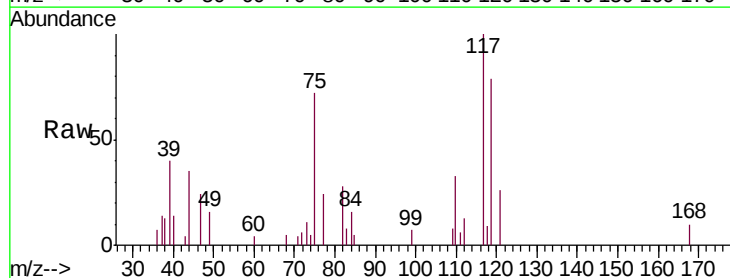


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

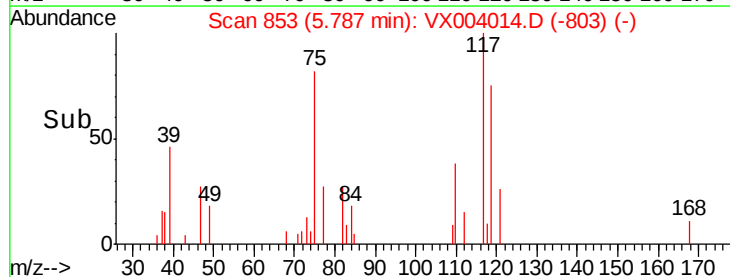
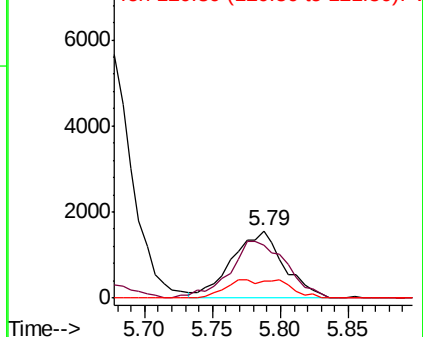


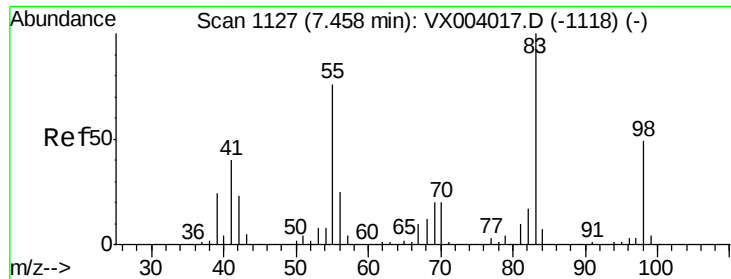
#38
Carbon Tetrachloride
Concen: 1.023 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

Tgt Ion: 117 Resp: 4166
Ion Ratio Lower Upper
117 100
119 78.6 74.8 112.2
121 26.0 24.1 36.1



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

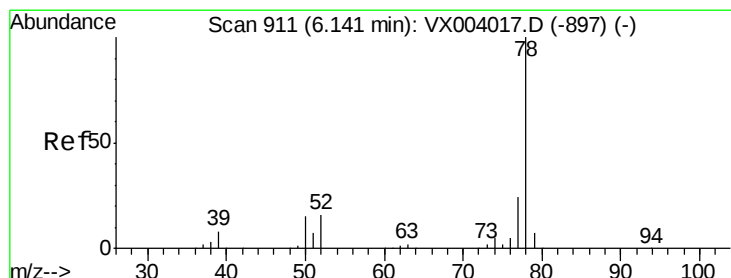
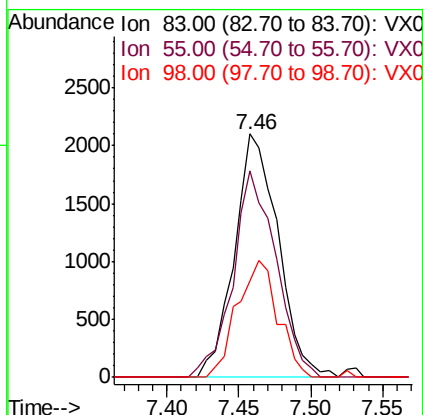
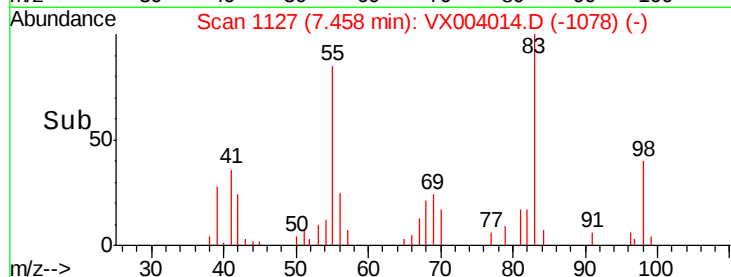
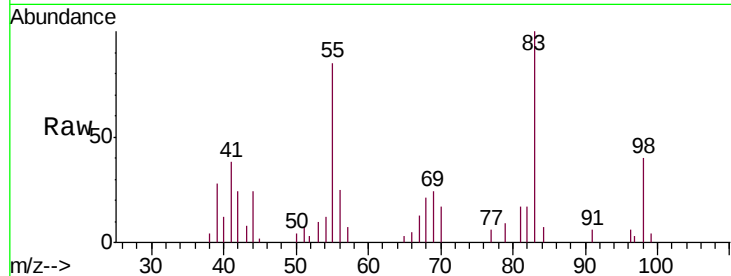




#39
Methylcyclohexane
Concen: 0.906 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

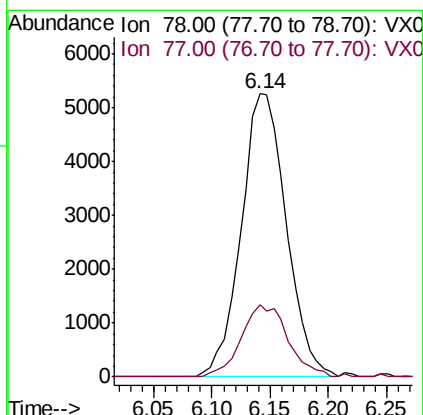
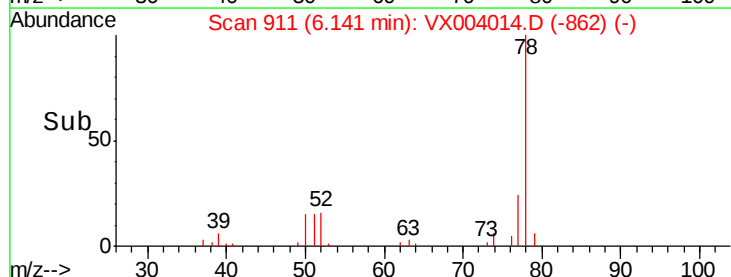
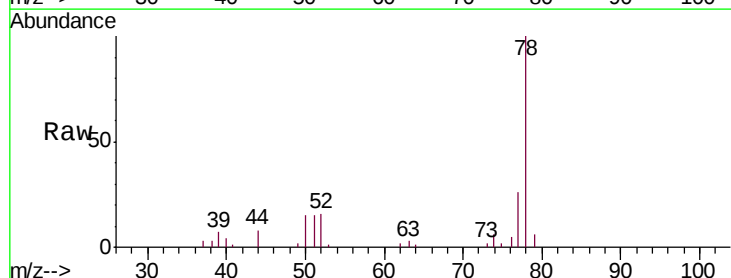
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCO

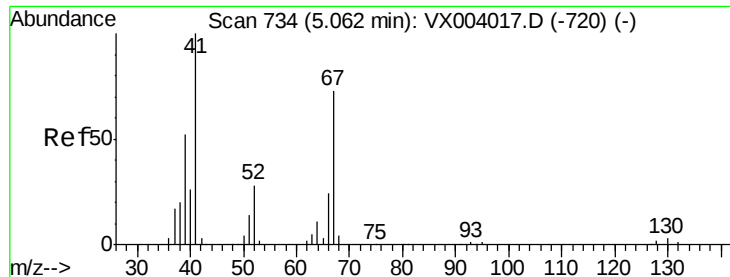
Tgt Ion: 83 Resp: 4426
Ion Ratio Lower Upper
83 100
55 84.9 60.8 91.2
98 39.6 39.0 58.4



#40
Benzene
Concen: 1.068 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

Tgt Ion: 78 Resp: 14124
Ion Ratio Lower Upper
78 100
77 25.7 19.0 28.4

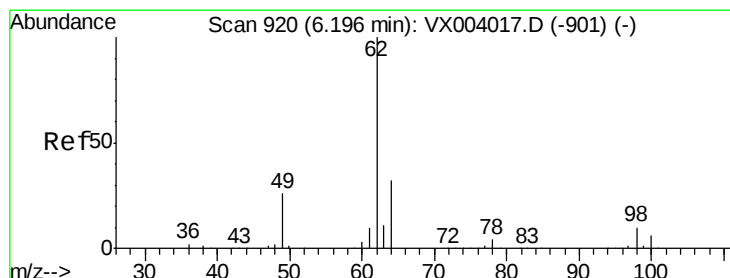
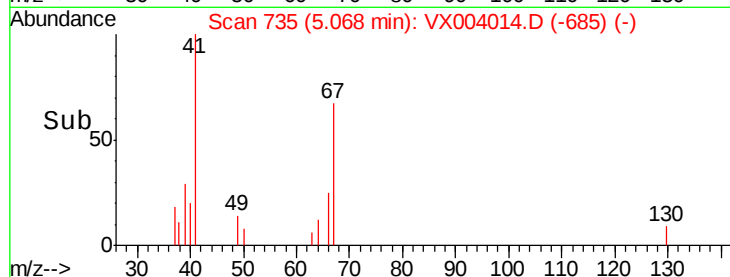
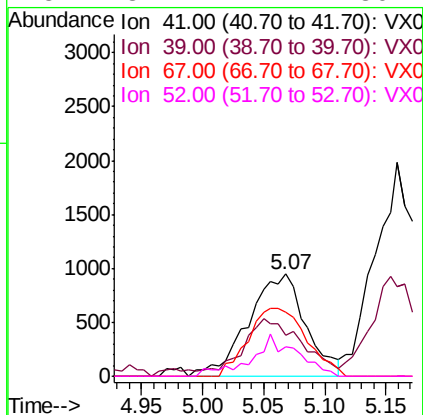
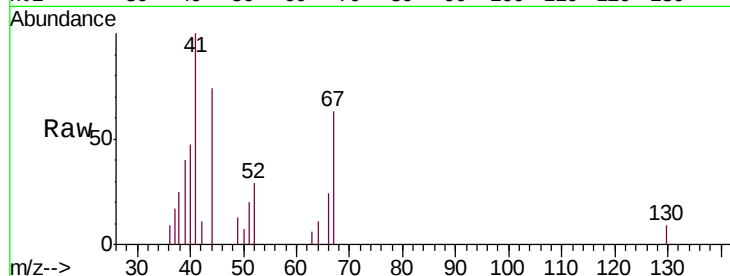




#41
Methacrylonitrile
Concen: 1.149 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.01 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

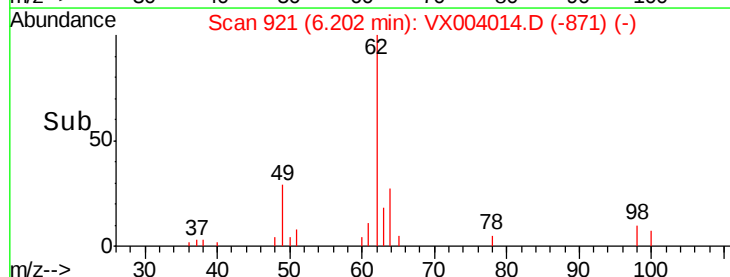
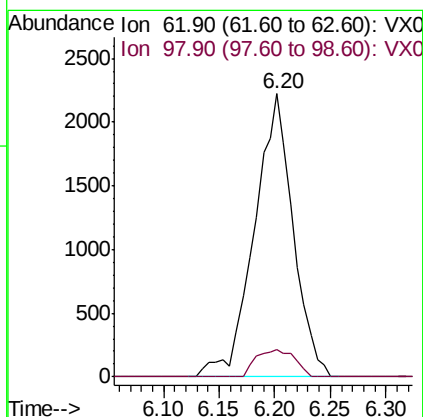
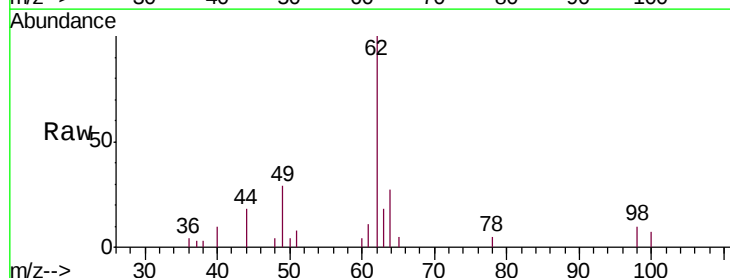
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCO

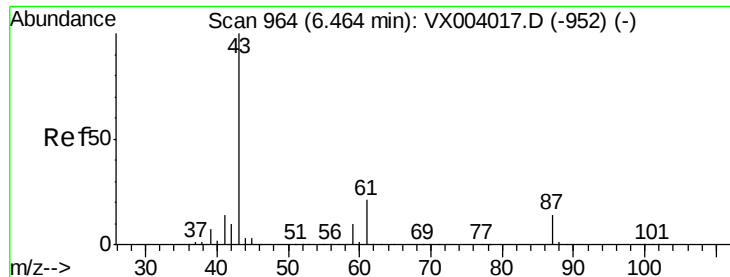
Tgt Ion:	41	Resp:	3091
Ion	Ratio	Lower	Upper
41	100		
39	57.9	42.3	63.5
67	67.6	58.9	88.3
52	32.4	24.2	36.2



#42
1,2-Dichloroethane
Concen: 1.186 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.01 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

Tgt Ion:	62	Resp:	5379
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.2





#43

Isopropyl Acetate

Concen: 1.067 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

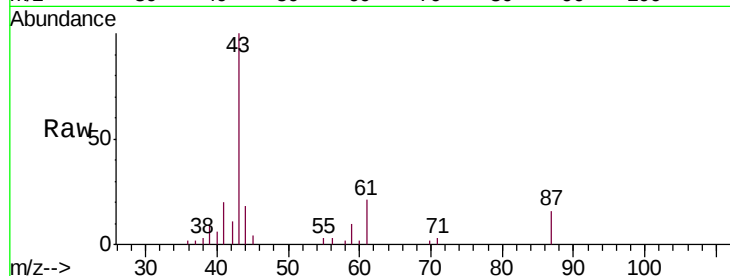
Tgt Ion: 43 Resp: 7865

Ion Ratio Lower Upper

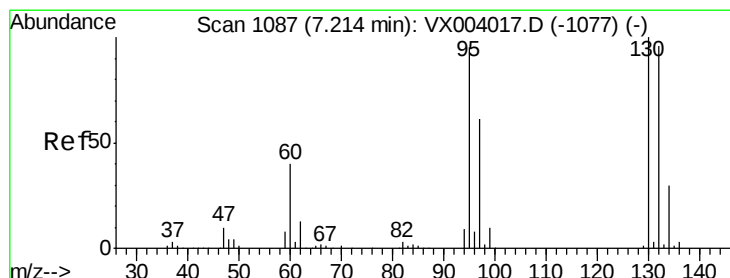
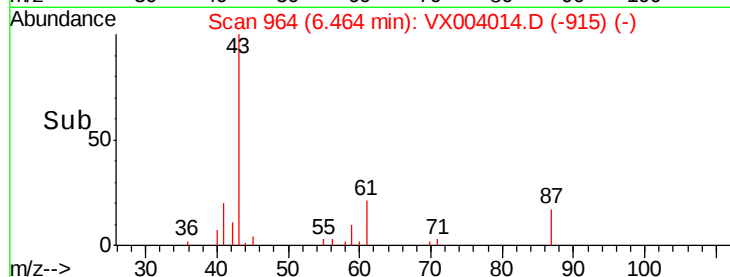
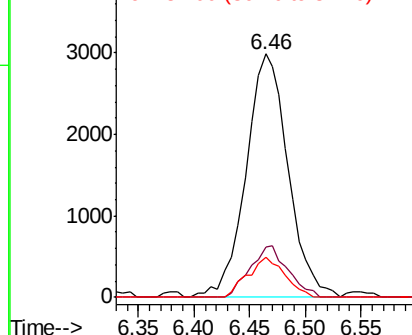
43 100

61 19.0 16.6 24.8

87 14.4 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.051 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004014.D

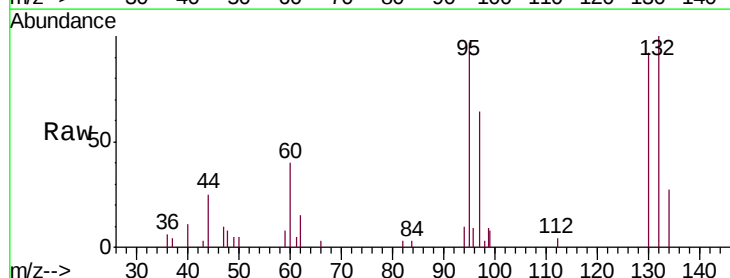
Acq: 13 Aug 2018 23:39

Tgt Ion: 130 Resp: 3766

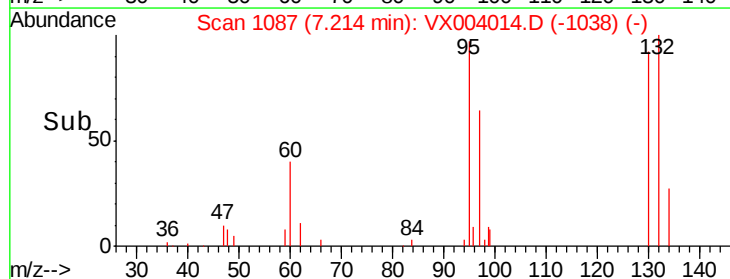
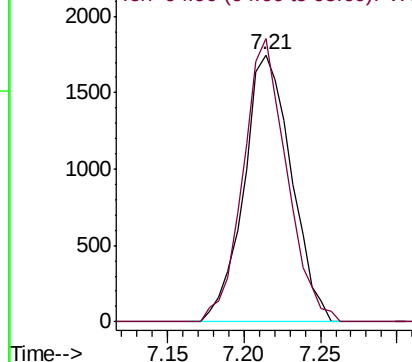
Ion Ratio Lower Upper

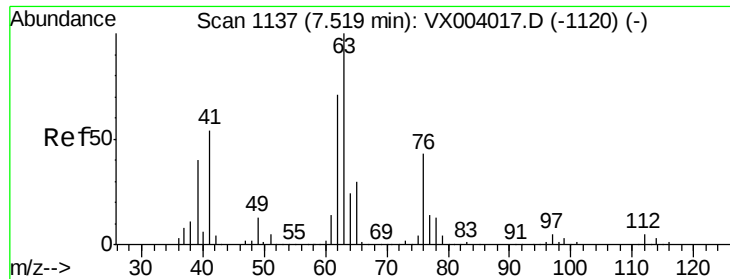
130 100

95 105.9 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

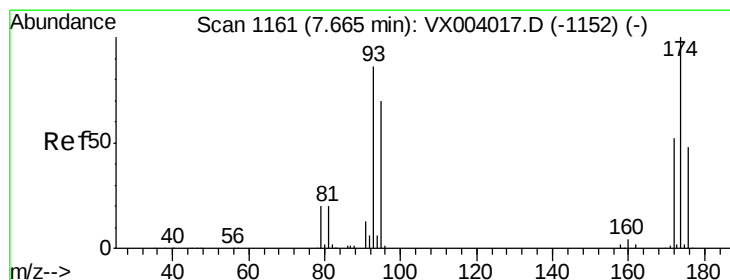
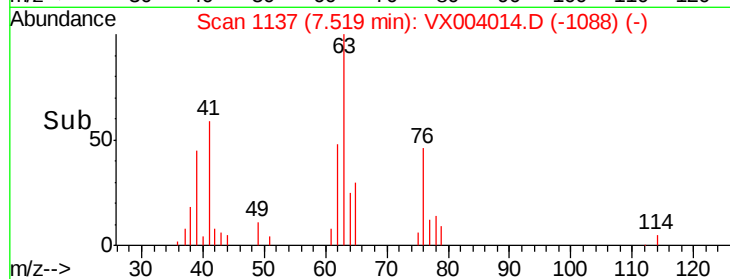
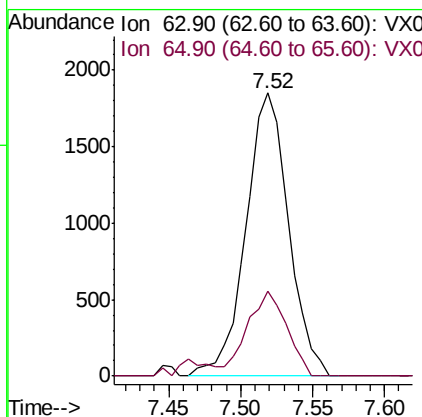
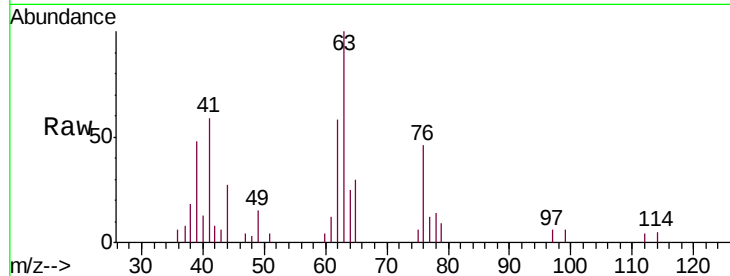




#45
 1,2-Dichloropropane
 Concen: 1.109 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

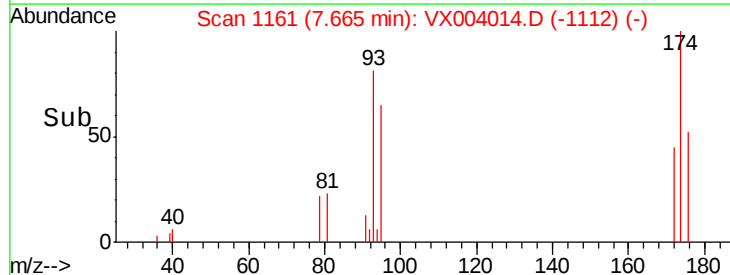
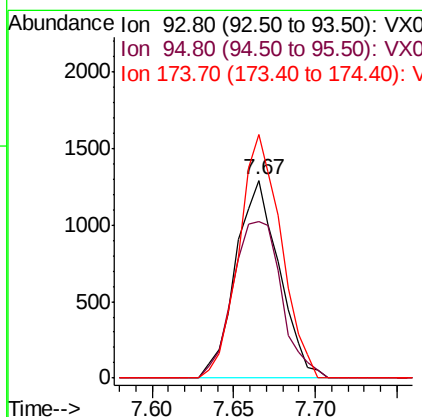
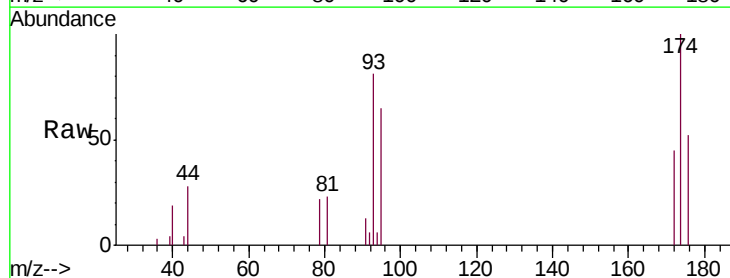
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC0

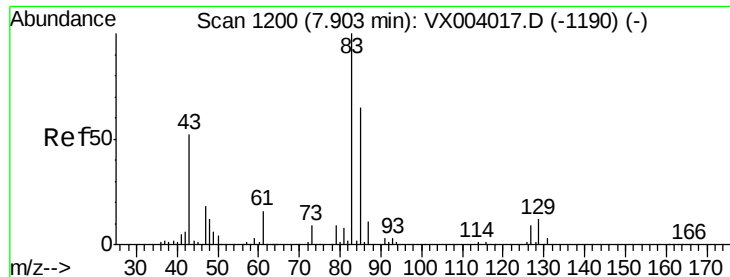
Tgt Ion: 63 Resp: 3797
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.9 35.9



#46
 Dibromomethane
 Concen: 1.075 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

Tgt Ion: 93 Resp: 2409
 Ion Ratio Lower Upper
 93 100
 95 88.3 66.5 99.7
 174 119.3 93.1 139.7





#47

Bromodichloromethane

Concen: 1.026 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

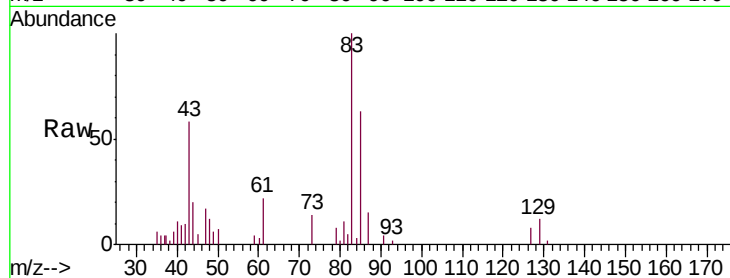
Tgt Ion: 83 Resp: 4305

Ion Ratio Lower Upper

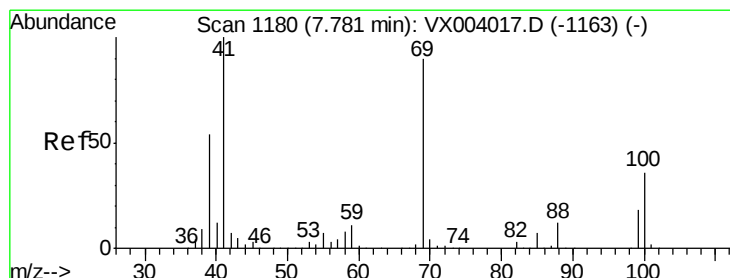
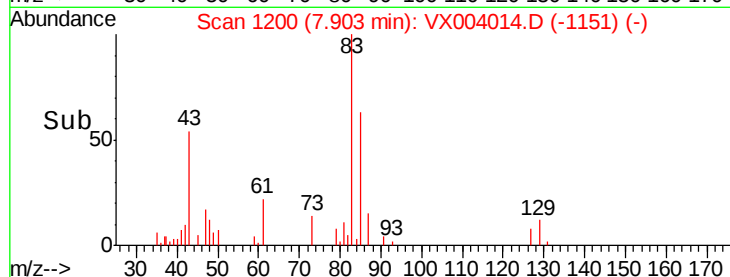
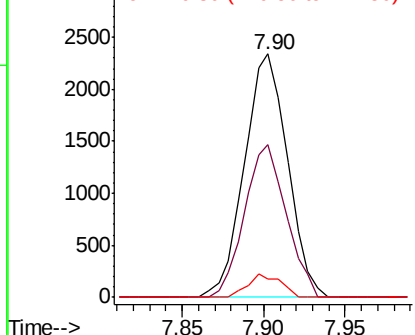
83 100

85 62.5 52.3 78.5

127 7.8 7.3 10.9



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



#48

Methyl methacrylate

Concen: 0.896 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

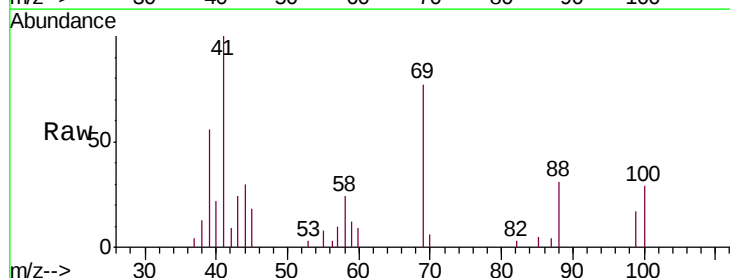
Tgt Ion: 41 Resp: 3354

Ion Ratio Lower Upper

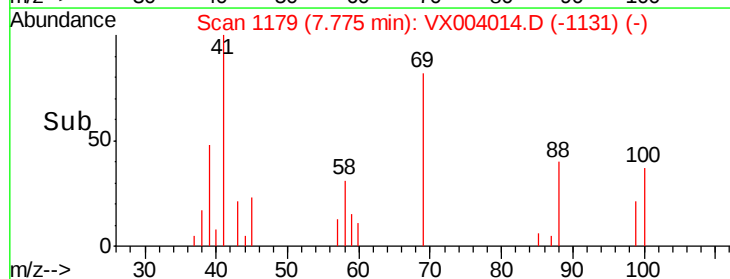
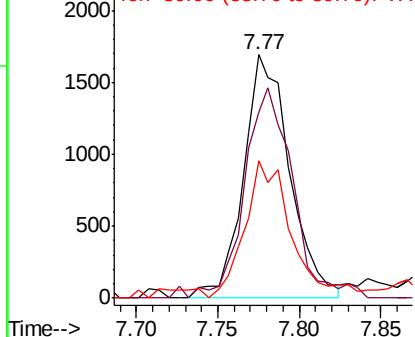
41 100

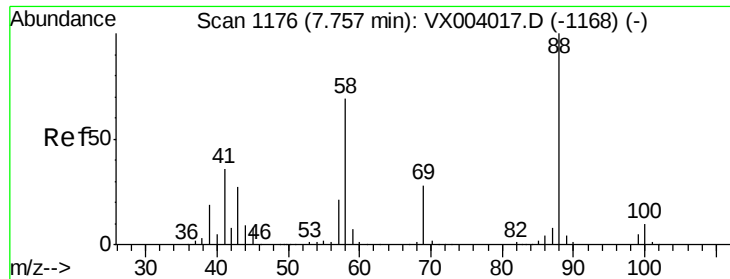
69 89.7 69.4 104.2

39 58.1 42.7 64.1



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

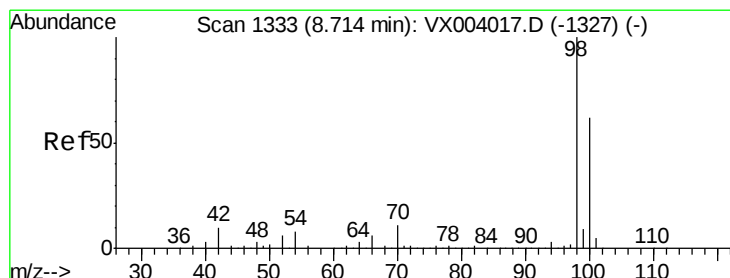
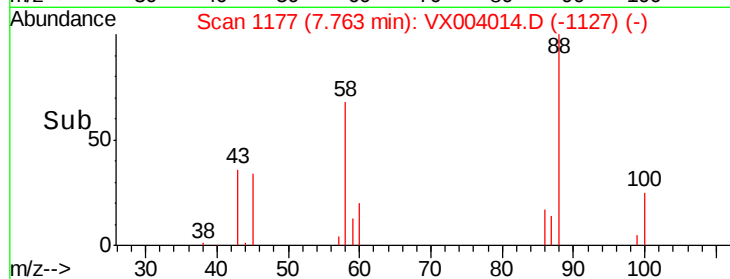
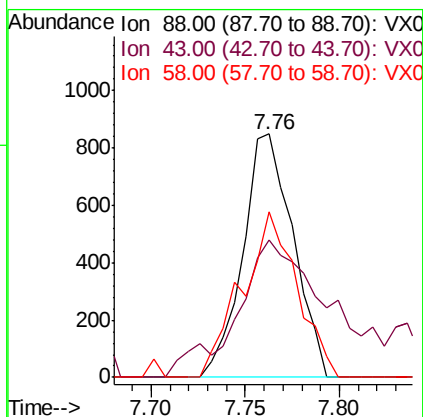
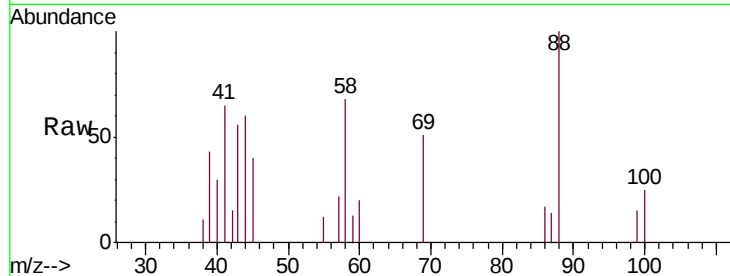




#49
1,4-Dioxane
Concen: 17.894 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

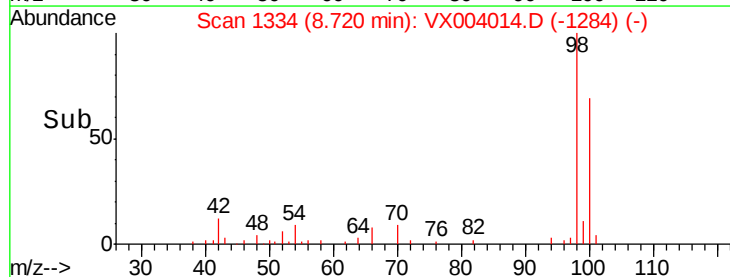
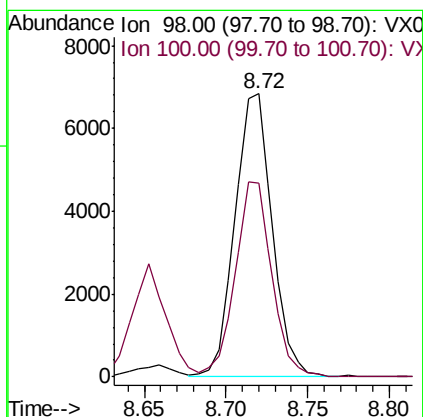
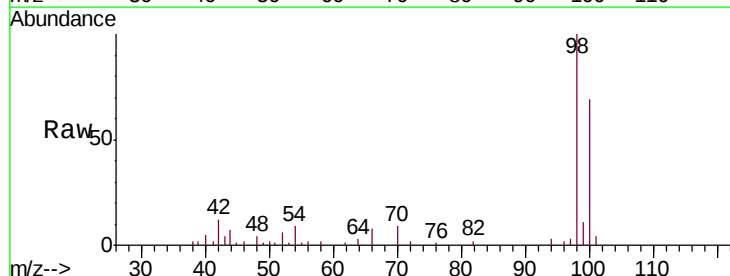
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC0

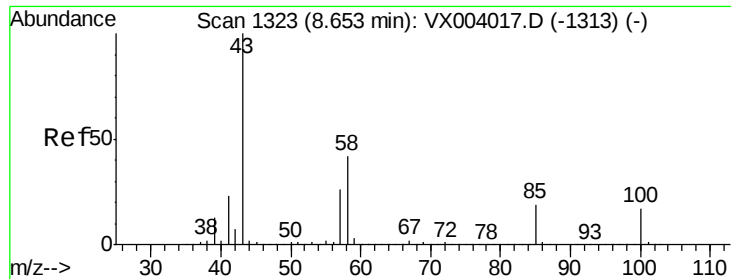
Tgt Ion: 88 Resp: 1567
Ion Ratio Lower Upper
88 100
43 103.3 24.6 37.0#
58 74.4 55.8 83.8



#50
Toluene-d8
Concen: 0.941 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.01 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

Tgt Ion: 98 Resp: 10897
Ion Ratio Lower Upper
98 100
100 67.5 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 4.226 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

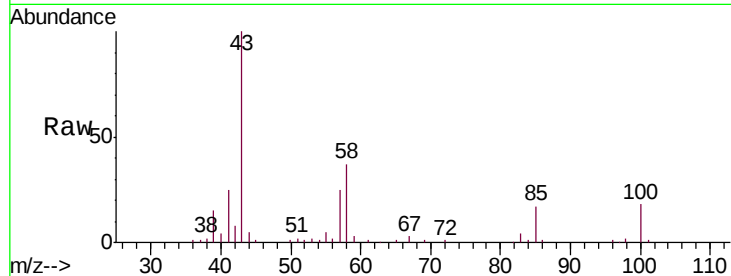
VSTDIC0

Tgt Ion: 43 Resp: 25833

Ion Ratio Lower Upper

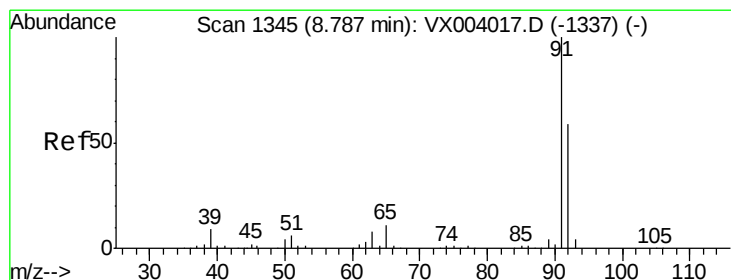
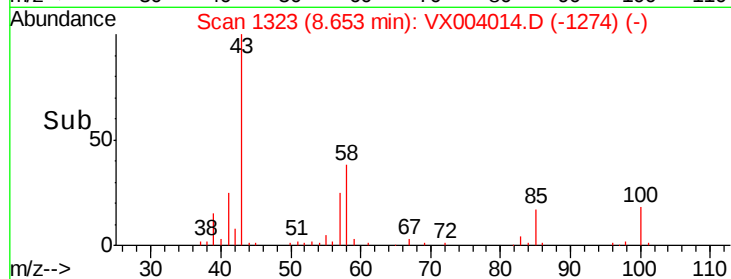
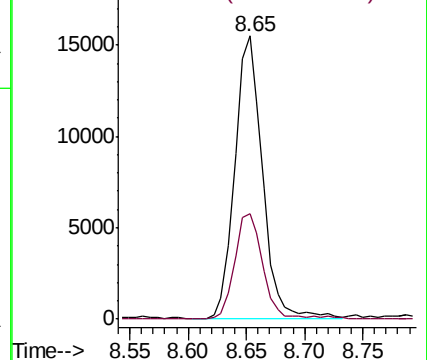
43 100

58 37.3 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.945 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004014.D

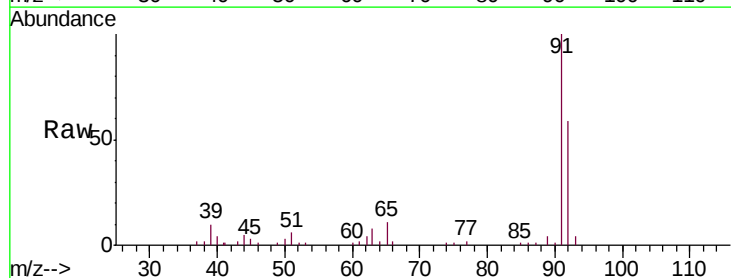
Acq: 13 Aug 2018 23:39

Tgt Ion: 92 Resp: 7864

Ion Ratio Lower Upper

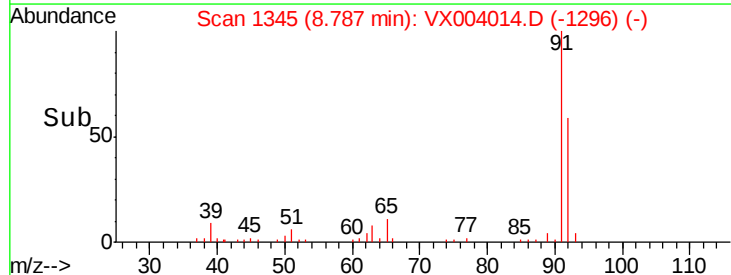
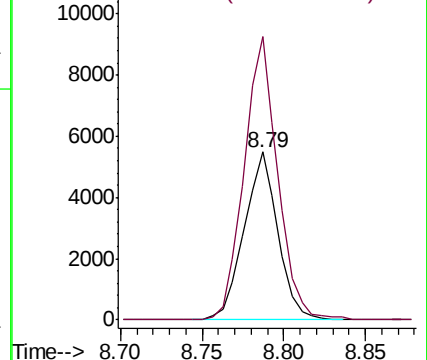
92 100

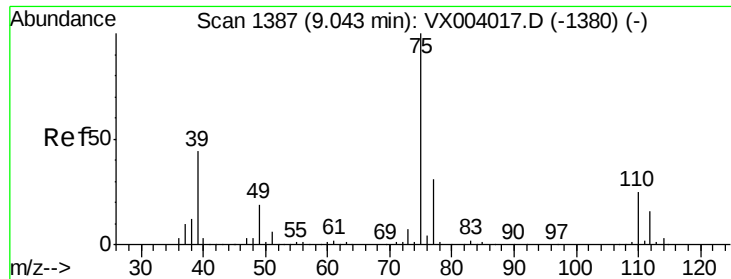
91 168.9 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

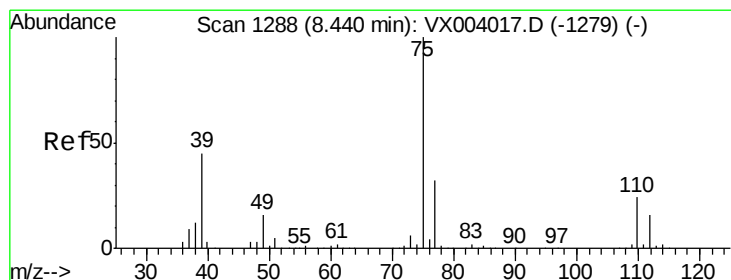
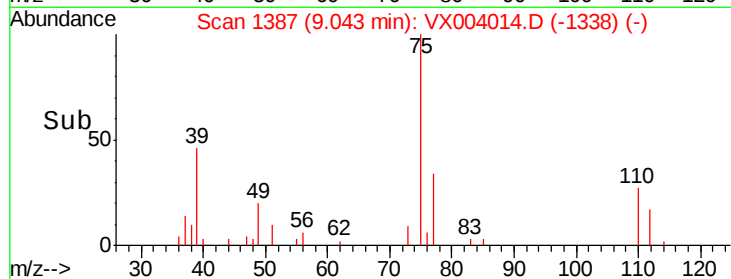
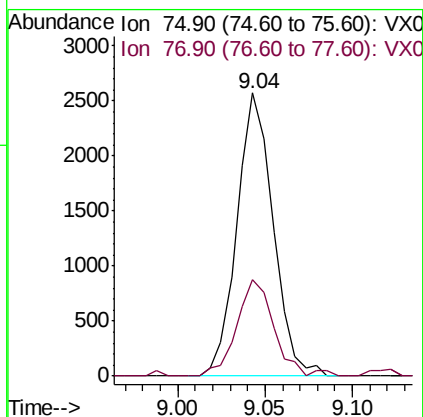
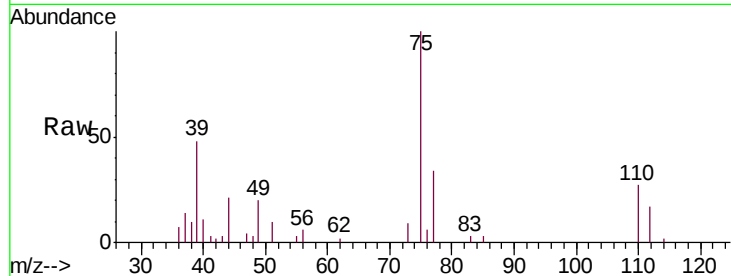




#53
 t-1,3-Dichloropropene
 Concen: 0.791 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

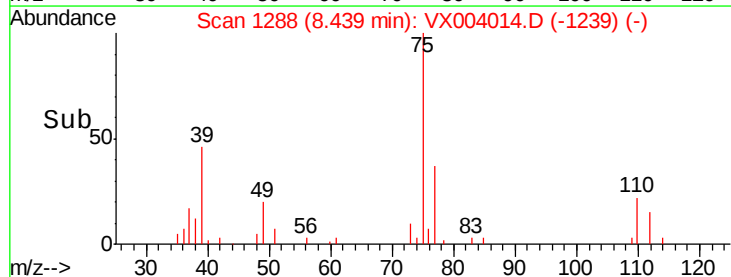
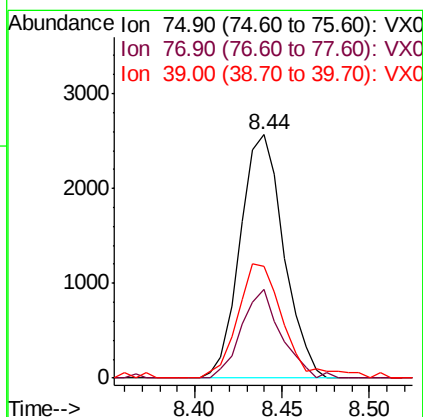
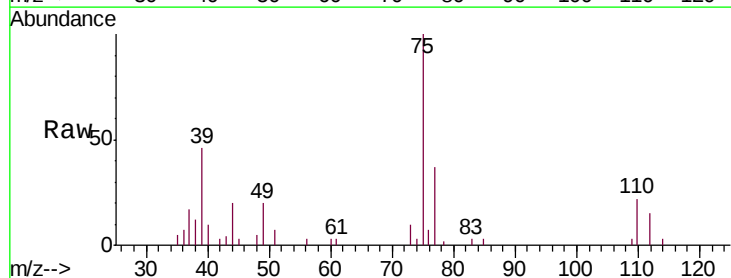
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC0

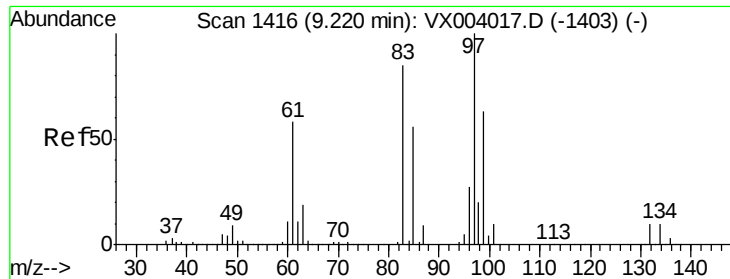
Tgt Ion: 75 Resp: 3715
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 0.881 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

Tgt Ion: 75 Resp: 4456
 Ion Ratio Lower Upper
 75 100
 77 36.5 25.4 38.2
 39 45.9 35.6 53.4

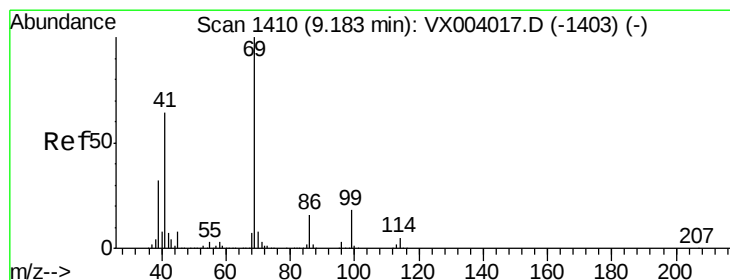
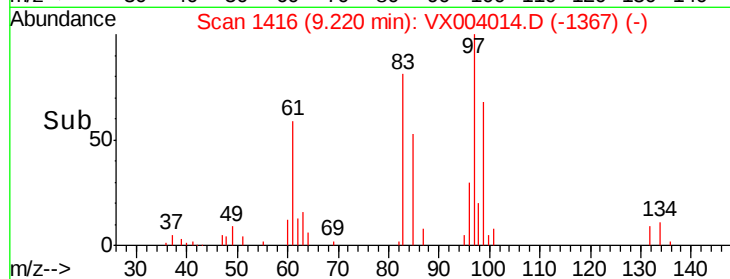
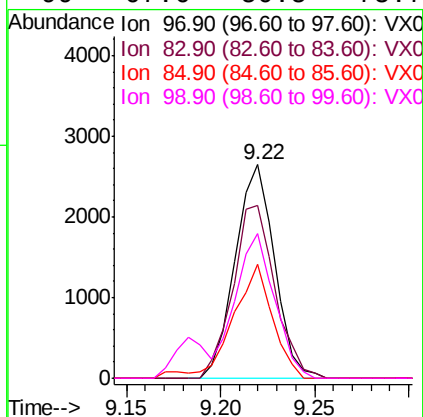
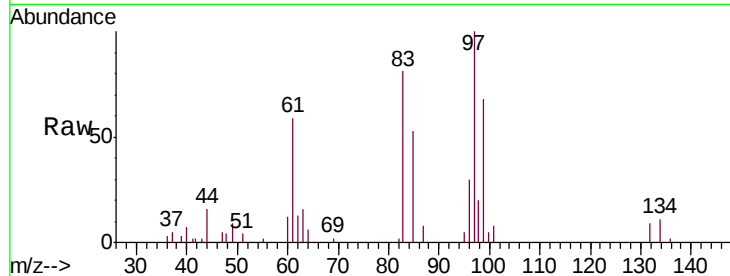




#55
 1,1,2-Trichloroethane
 Concen: 1.113 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

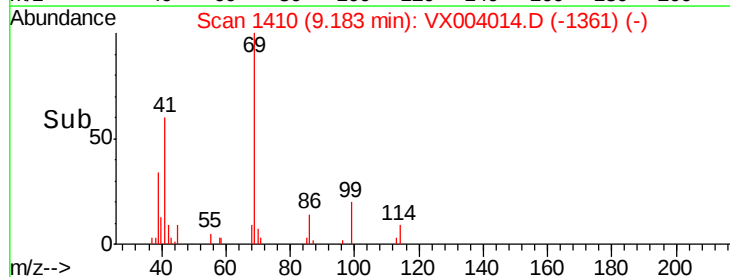
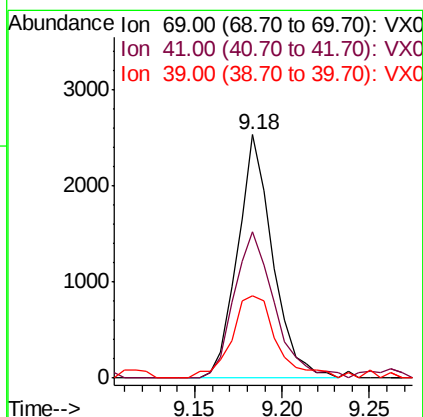
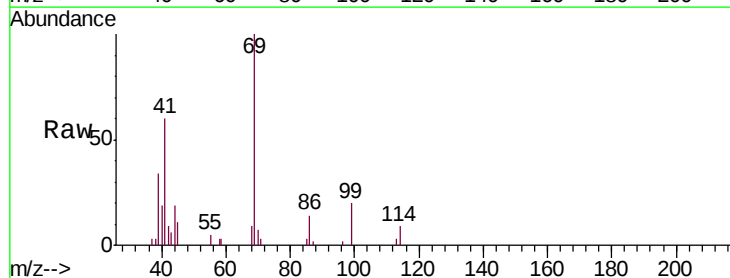
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC0

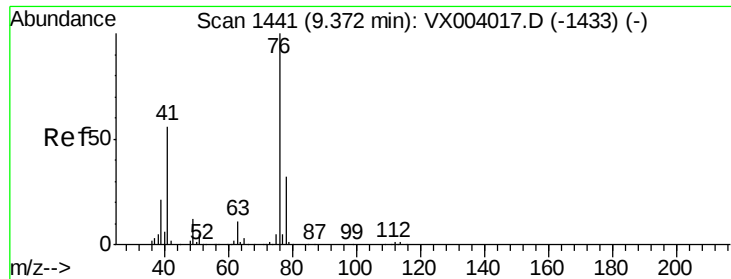
Tgt Ion:	97	Resp:	3837
Ion	Ratio	Lower	Upper
97	100		
83	80.7	68.0	102.0
85	53.4	44.6	66.8
99	67.6	50.5	75.7



#56
 Ethyl methacrylate
 Concen: 0.708 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

Tgt Ion:	69	Resp:	3528
Ion	Ratio	Lower	Upper
69	100		
41	69.3	50.7	76.1
39	43.1	26.3	39.5#

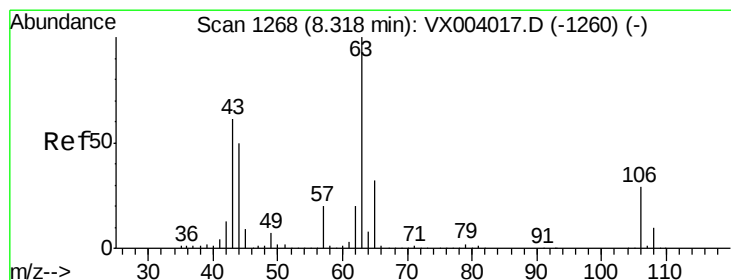
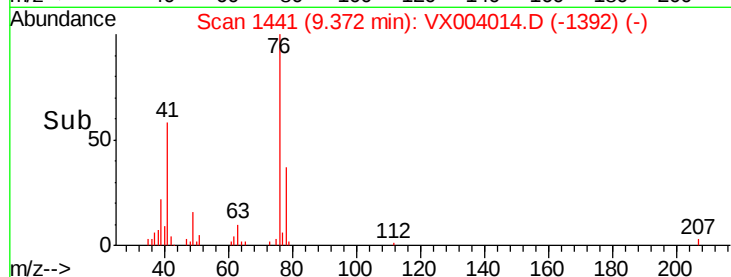
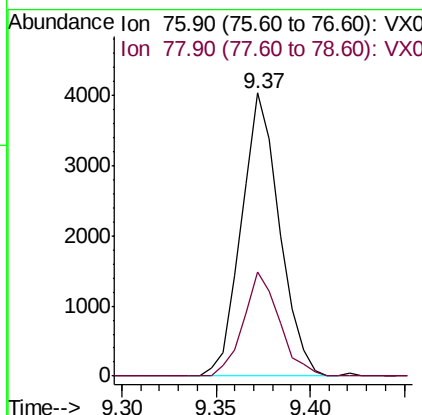
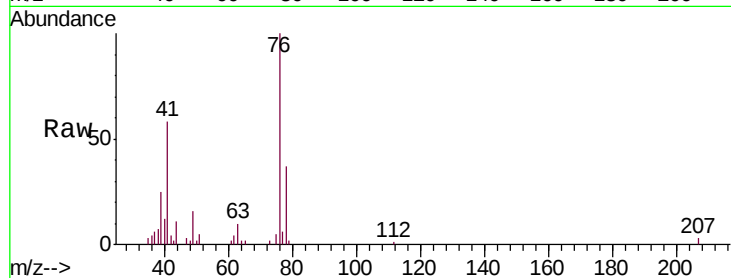




#57
 1,3-Dichloropropane
 Concen: 0.974 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

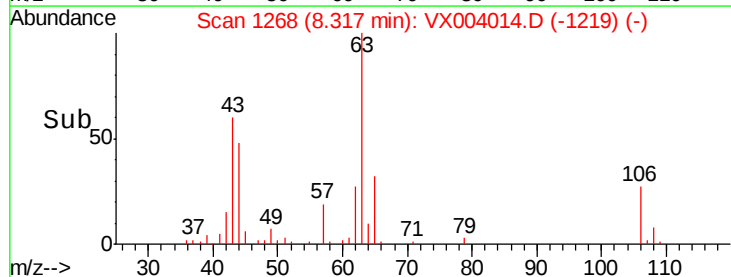
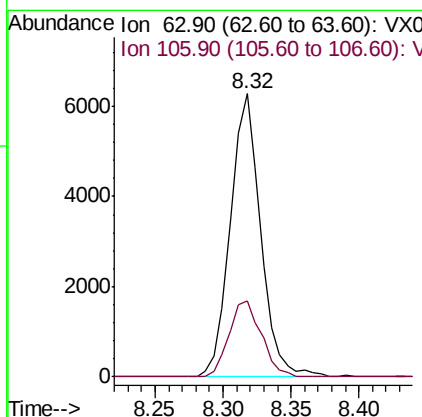
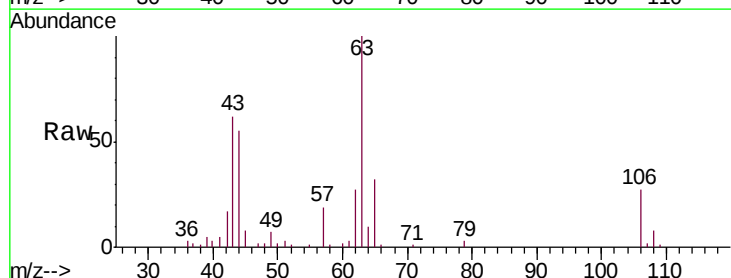
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCO

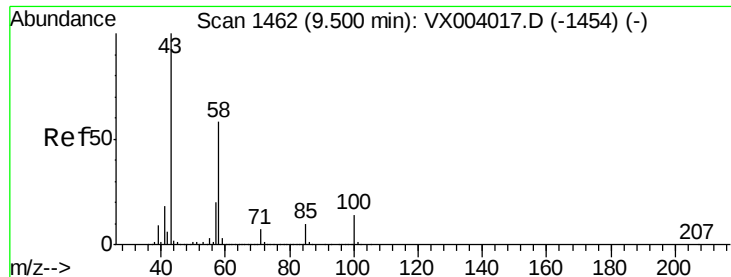
Tgt Ion: 76 Resp: 5650
 Ion Ratio Lower Upper
 76 100
 78 34.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.944 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

Tgt Ion: 63 Resp: 9744
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.6 35.4

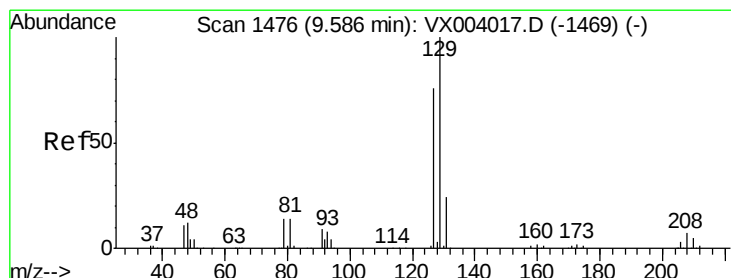
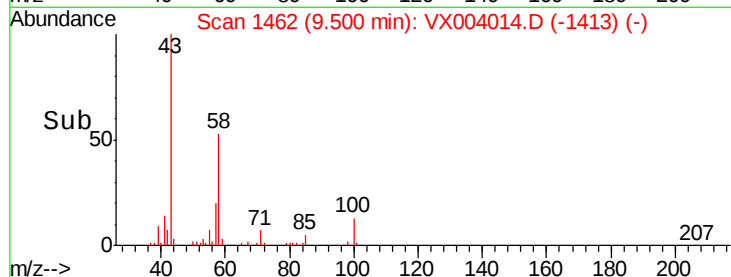
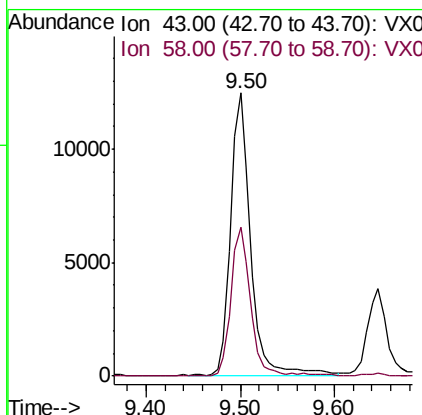
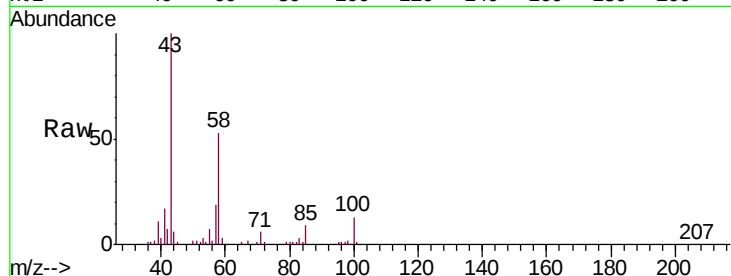




#59
2-Hexanone
Concen: 4.056 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

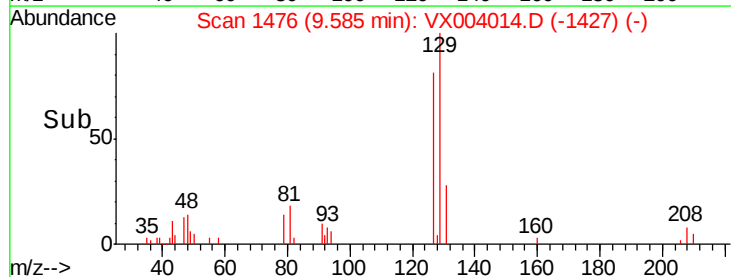
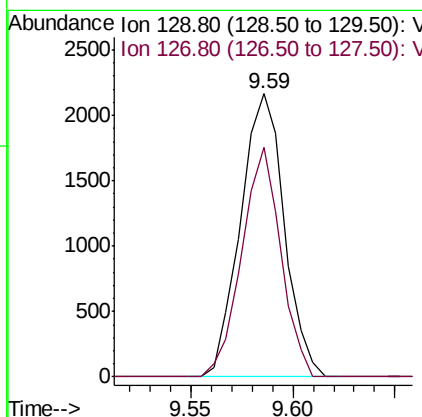
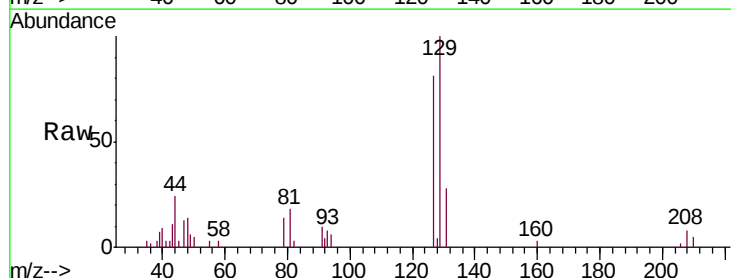
Instrument :
MSVOA_X
ClientSampled :
VSTDICCO

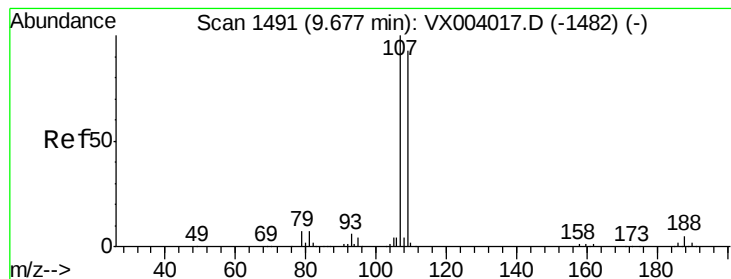
Tgt Ion: 43 Resp: 18593
Ion Ratio Lower Upper
43 100
58 50.6 28.8 86.5



#60
Dibromochloromethane
Concen: 1.001 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

Tgt Ion: 129 Resp: 3223
Ion Ratio Lower Upper
129 100
127 72.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 1.042 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

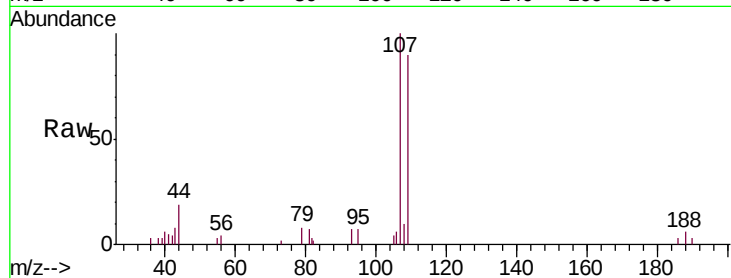
VSTDIC0

Tgt Ion: 107 Resp: 3631

Ion Ratio Lower Upper

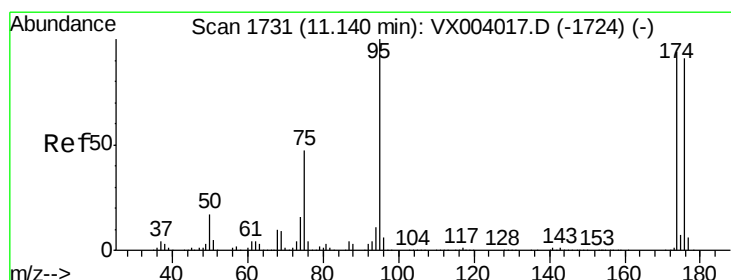
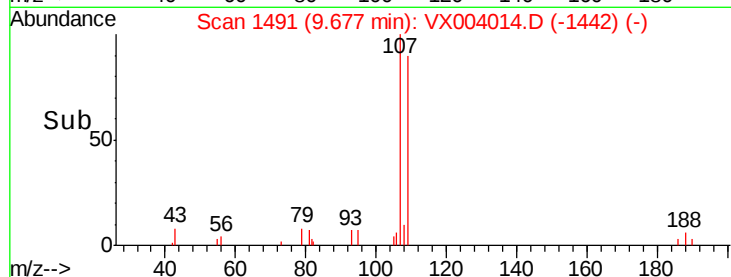
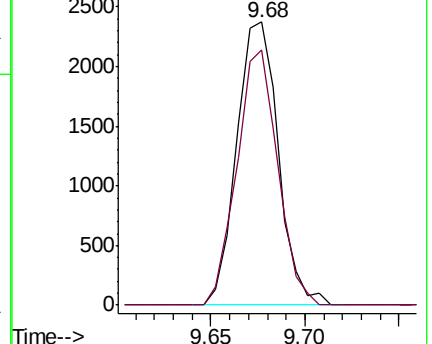
107 100

109 88.5 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.930 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

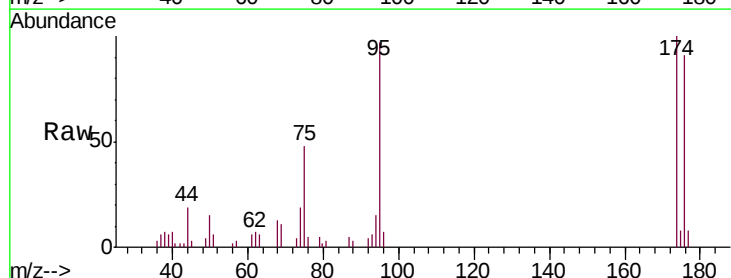
Tgt Ion: 95 Resp: 3635

Ion Ratio Lower Upper

95 100

174 97.5 0.0 182.8

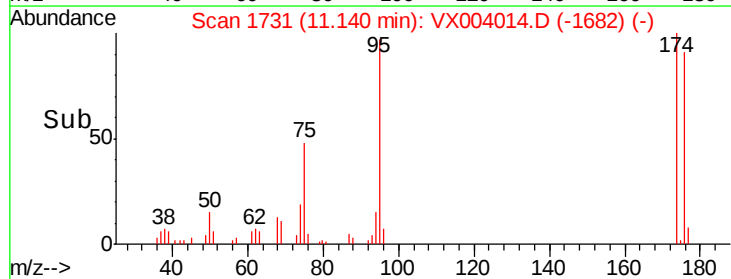
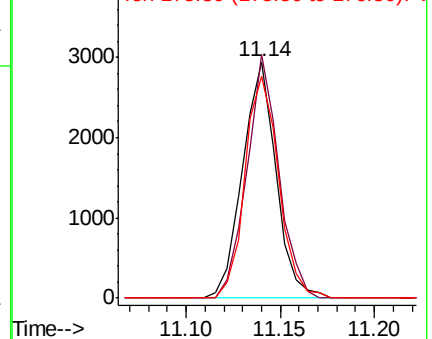
176 94.4 0.0 177.2

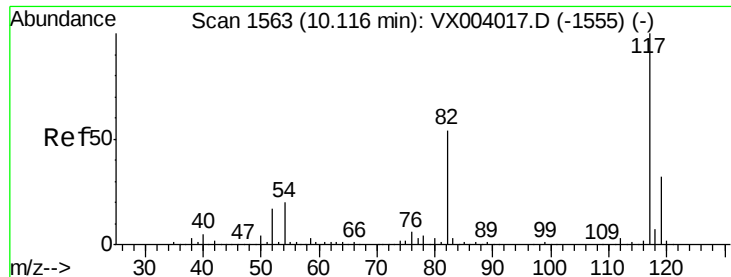


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

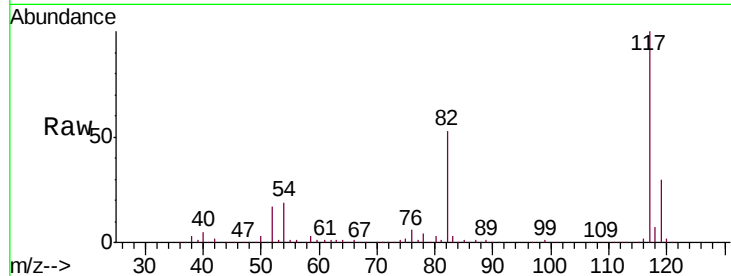




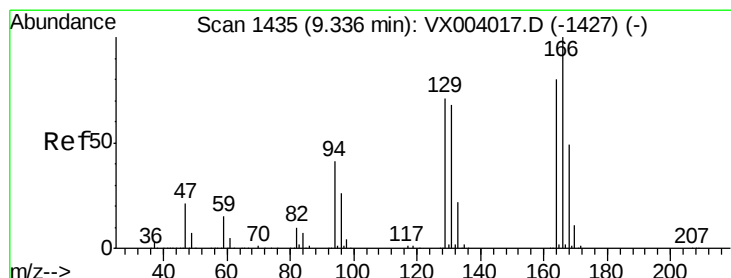
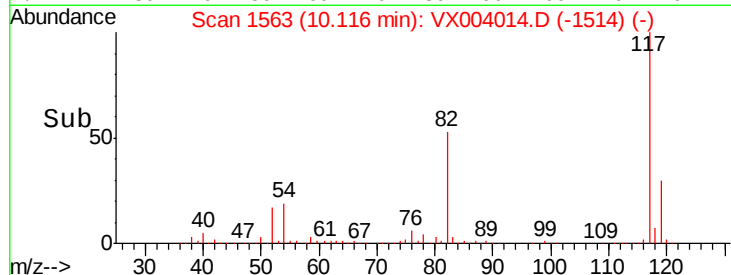
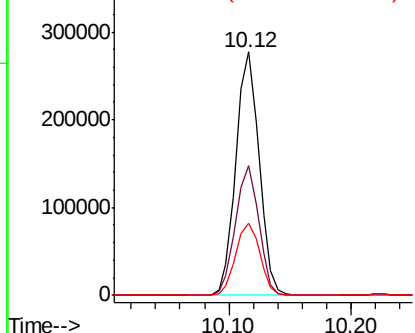
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCO

Tgt Ion:117 Resp: 363140
Ion Ratio Lower Upper
117 100
82 53.3 42.9 64.3
119 29.7 25.7 38.5

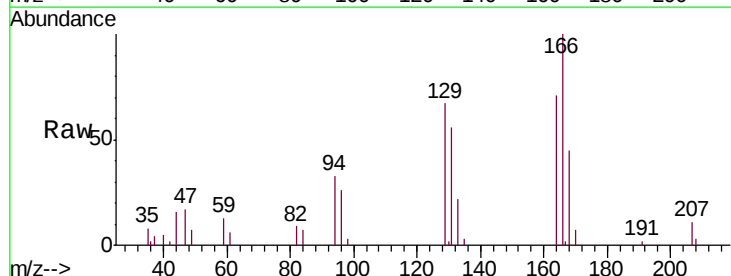


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

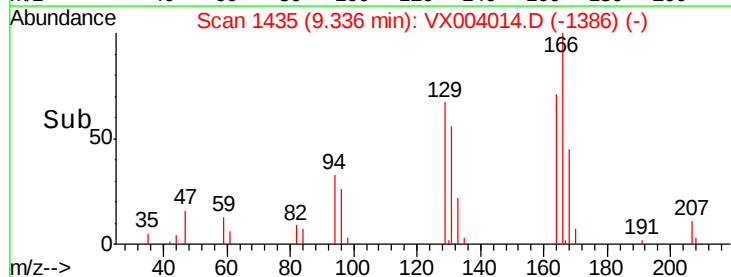
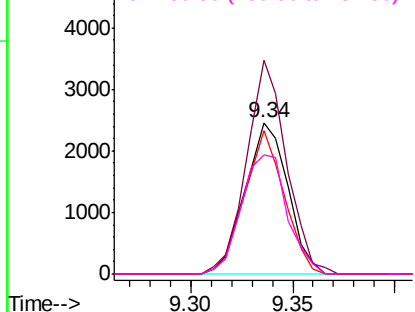


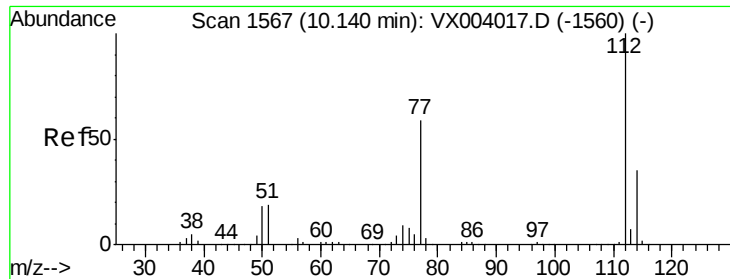
#64
Tetrachloroethene
Concen: 1.028 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

Tgt Ion:164 Resp: 3596
Ion Ratio Lower Upper
164 100
166 141.3 99.5 149.3
129 94.7 70.4 105.6
131 79.1 67.9 101.9



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

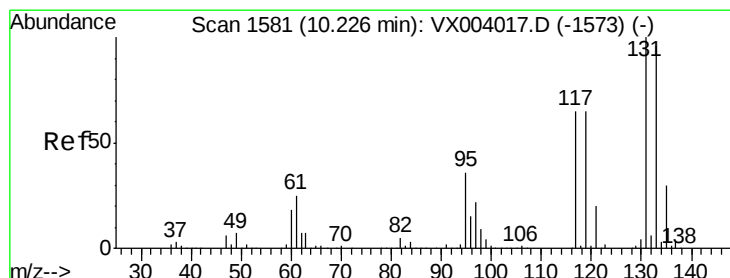
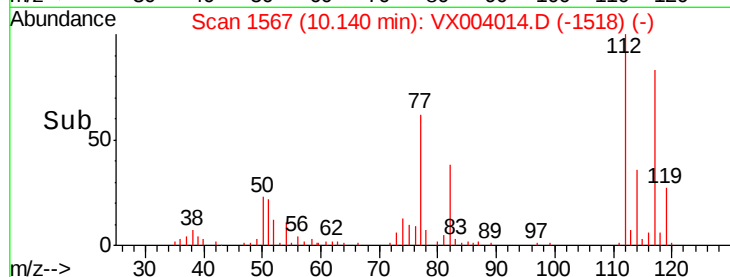
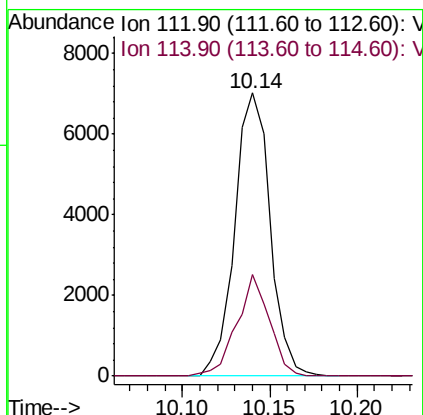
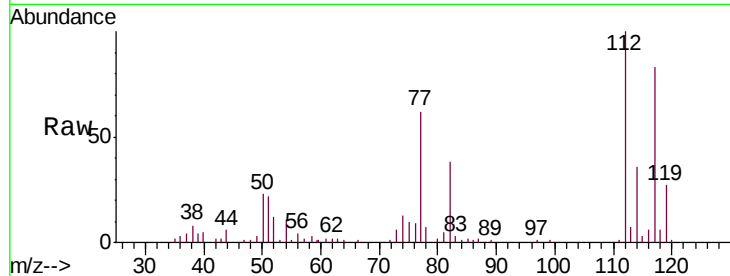




#65
Chlorobenzene
Concen: 1.061 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

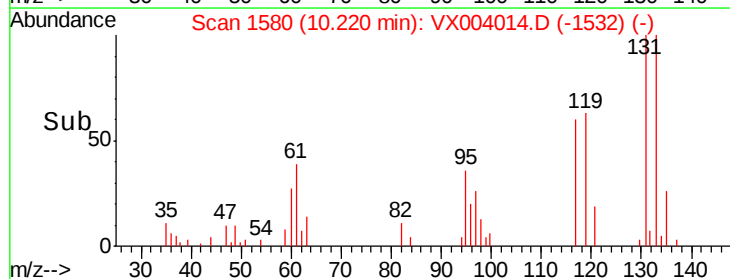
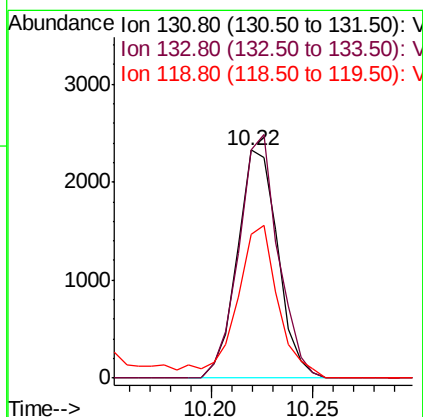
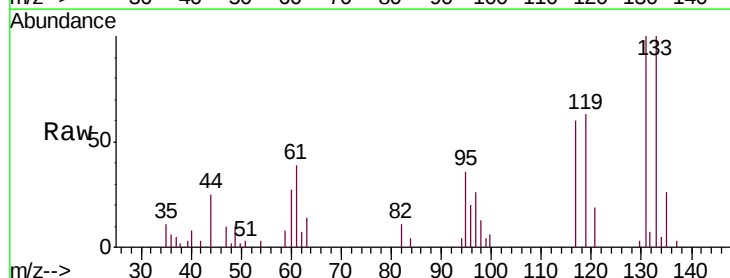
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC0

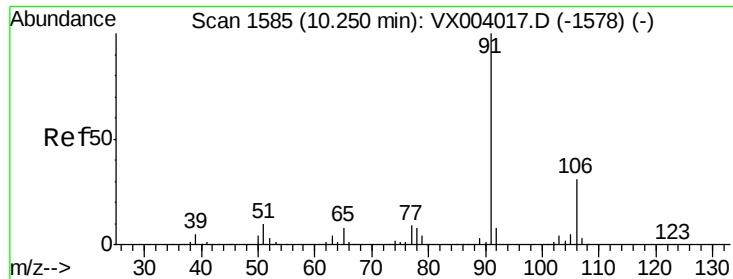
Tgt Ion:112 Resp: 9870
Ion Ratio Lower Upper
112 100
114 36.0 27.6 41.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.995 ug/l
RT: 10.22 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

Tgt Ion:131 Resp: 3202
Ion Ratio Lower Upper
131 100
133 104.0 47.9 143.7
119 0.0 32.0 96.0#

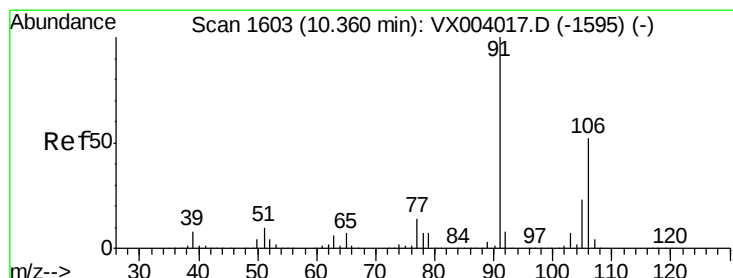
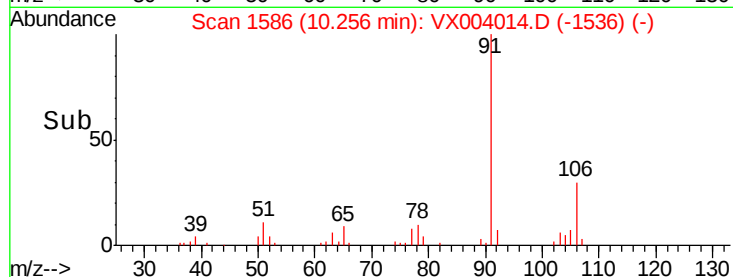
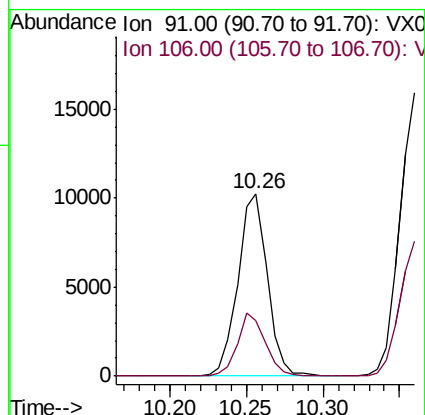
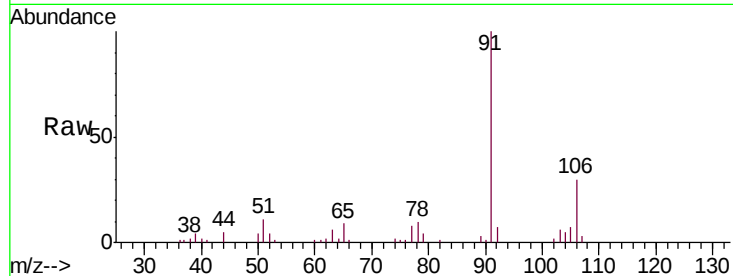




#67
Ethyl Benzene
Concen: 0.899 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

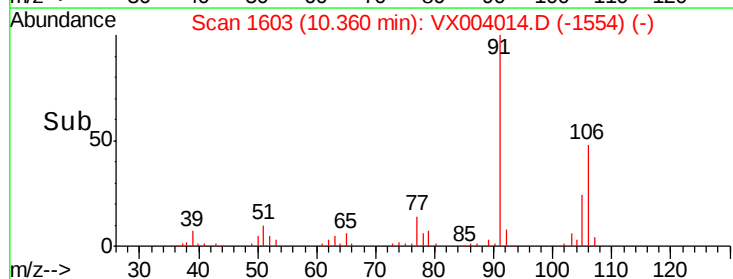
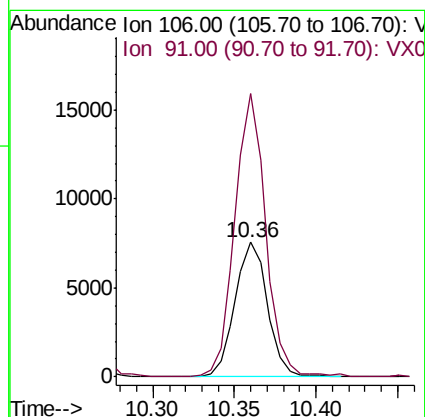
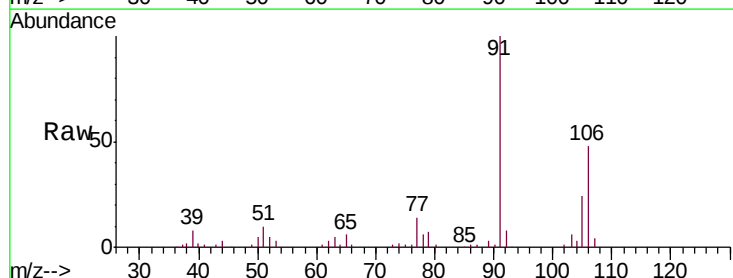
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC0

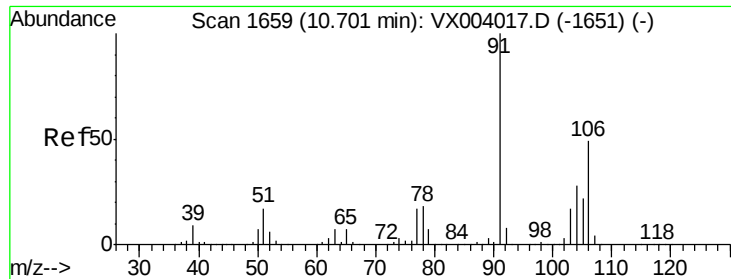
Tgt Ion: 91 Resp: 13642
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7



#68
m/p-Xylenes
Concen: 1.767 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

Tgt Ion: 106 Resp: 10522
Ion Ratio Lower Upper
106 100
91 200.0 155.0 232.6

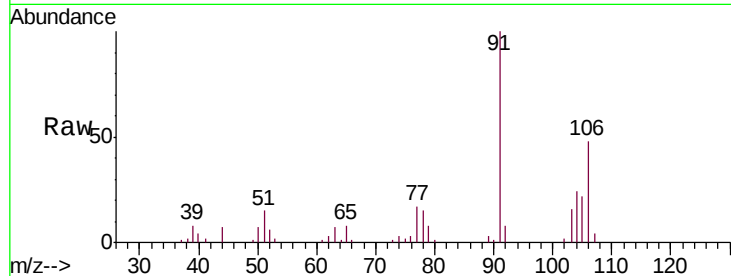




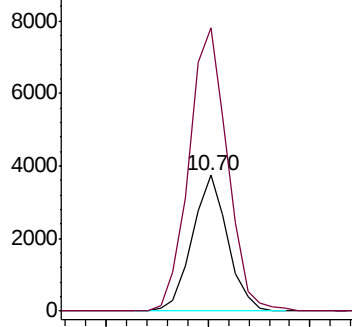
#69
o-Xylene
Concen: 0.800 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC0

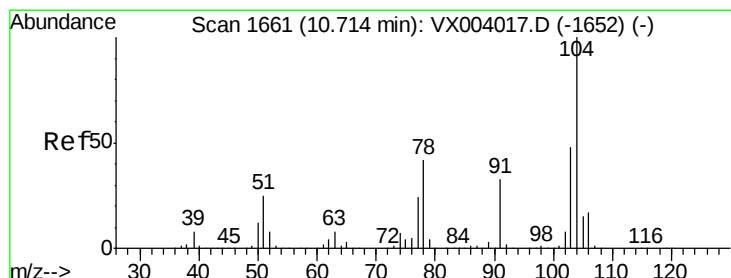
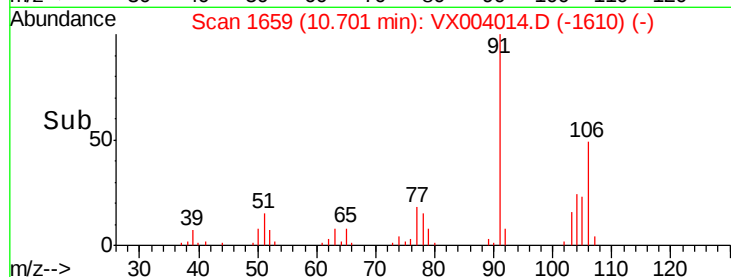
Tgt Ion:106 Resp: 4520
Ion Ratio Lower Upper
106 100
91 224.8 103.6 310.9



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

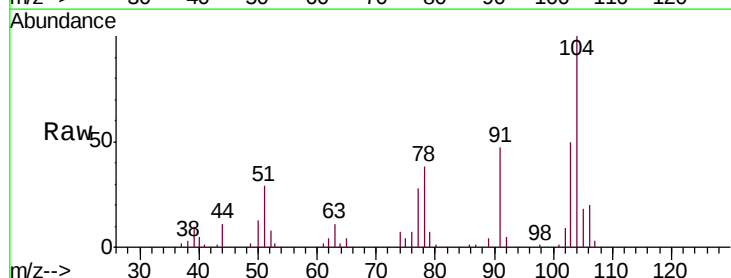


Time-->

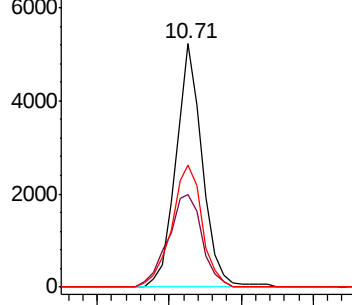


#70
Styrene
Concen: 0.724 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

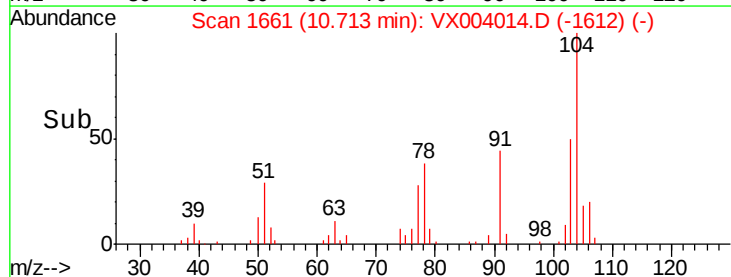
Tgt Ion:104 Resp: 6766
Ion Ratio Lower Upper
104 100
78 48.4 37.5 56.3
103 57.3 42.0 63.0

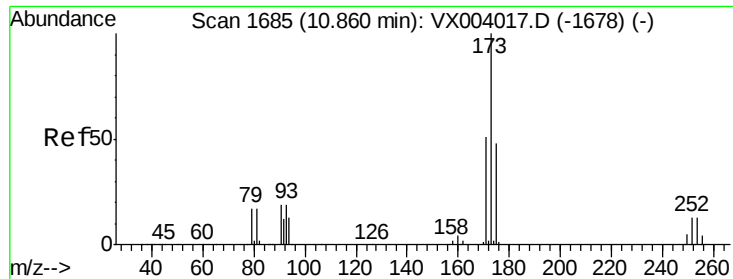


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 0.944 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

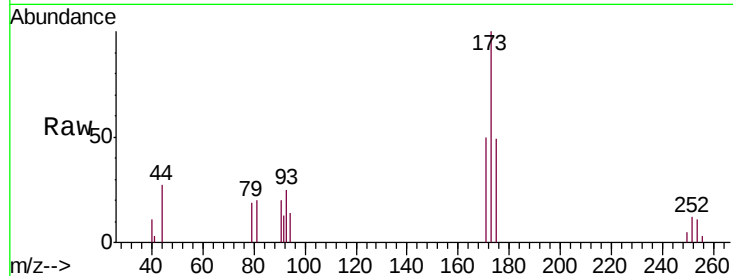
Tgt Ion:173 Resp: 2301

Ion Ratio Lower Upper

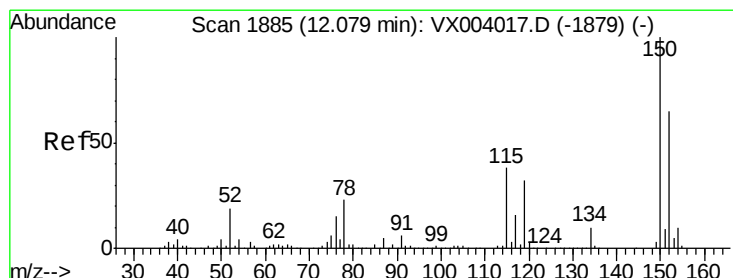
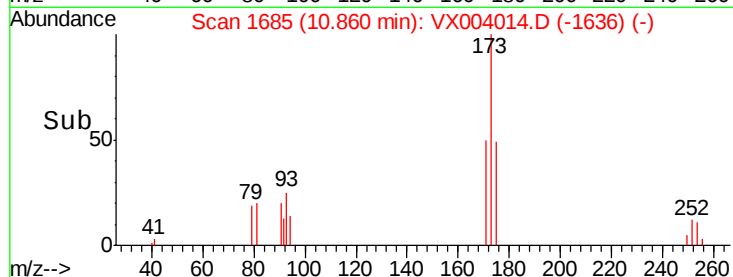
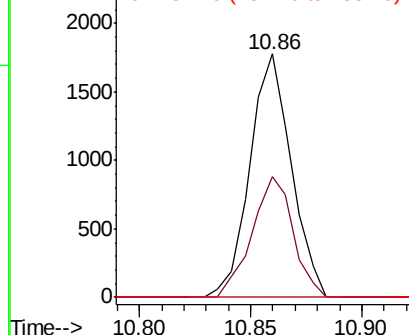
173 100

175 49.2 24.5 73.5

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: VX004014.D

Acq: 13 Aug 2018 23:39

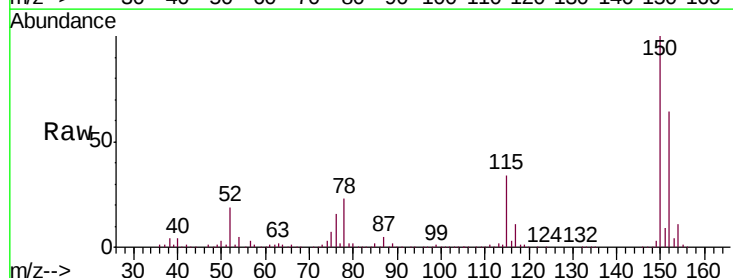
Tgt Ion:152 Resp: 196543

Ion Ratio Lower Upper

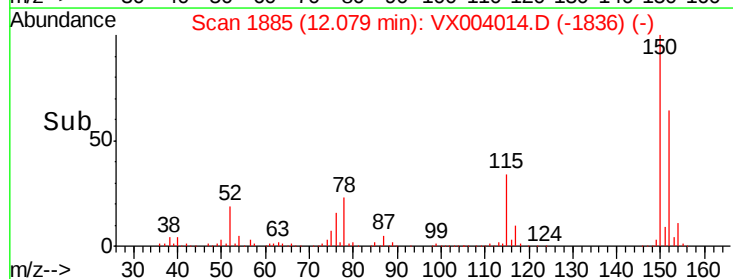
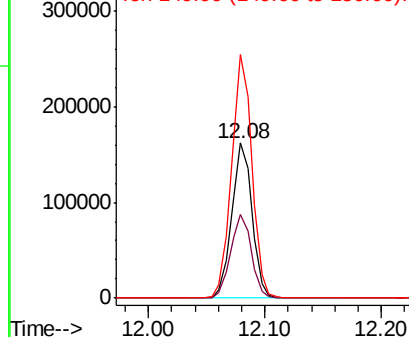
152 100

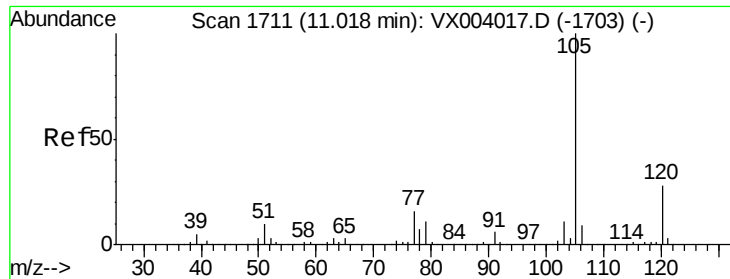
115 55.1 37.3 111.8

150 156.9 0.0 346.8



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: 0.796 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

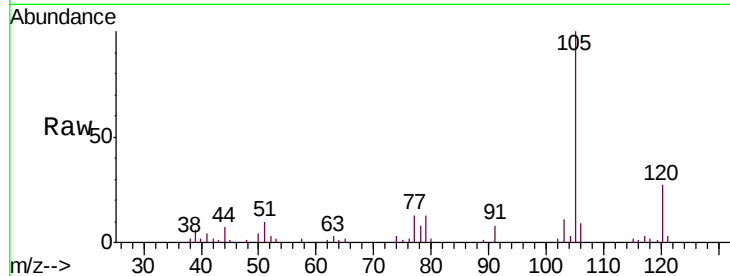
VSTDIC0

Tgt Ion:105 Resp: 11133

Ion Ratio Lower Upper

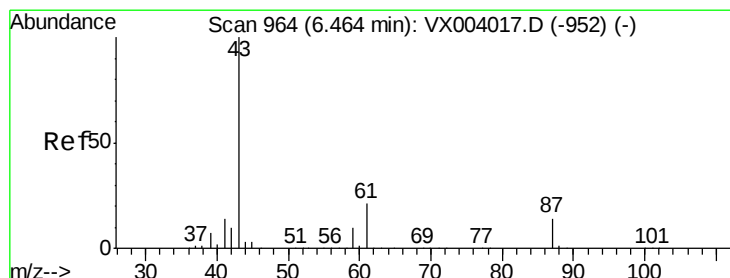
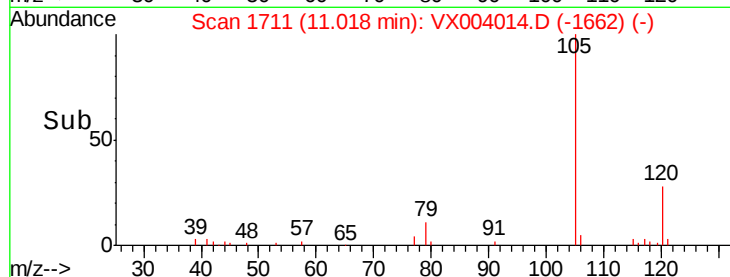
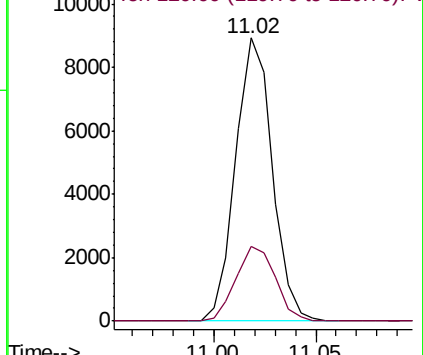
105 100

120 28.4 13.8 41.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.062 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Tgt Ion: 43 Resp: 7865

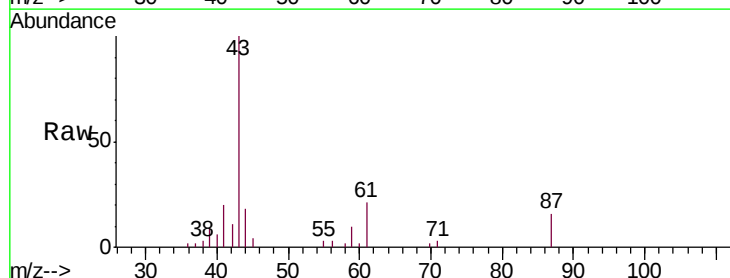
Ion Ratio Lower Upper

43 100

70 0.8 0.1 0.1#

55 0.3 0.1 0.1#

61 19.0 16.6 24.8

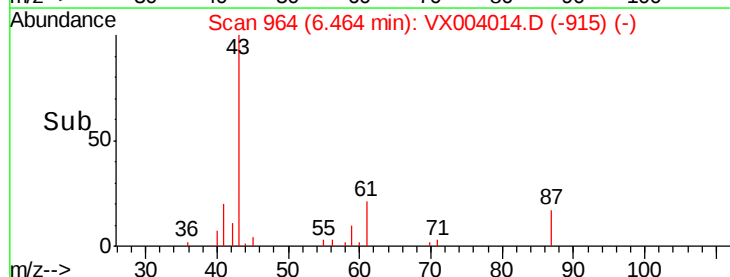
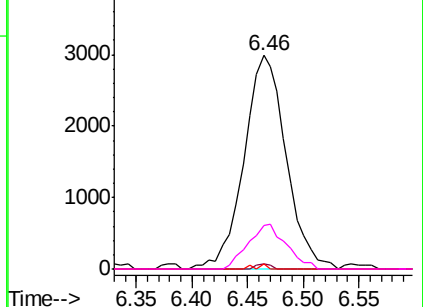


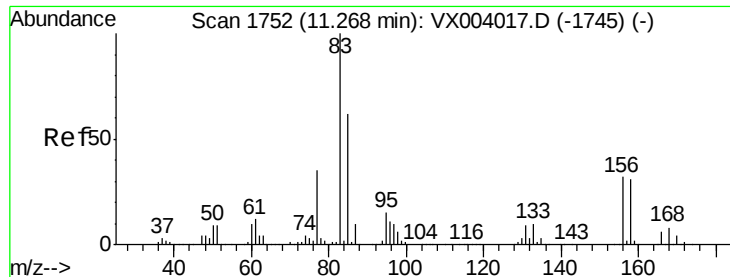
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.127 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

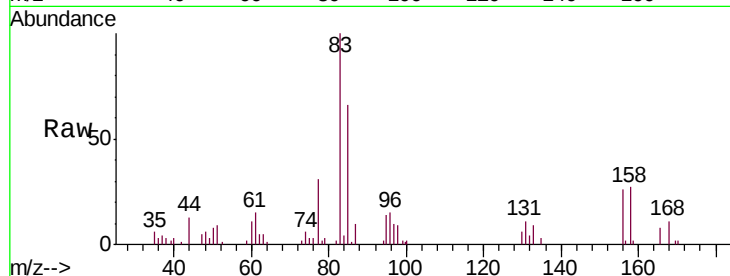
Tgt Ion: 83 Resp: 5636

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

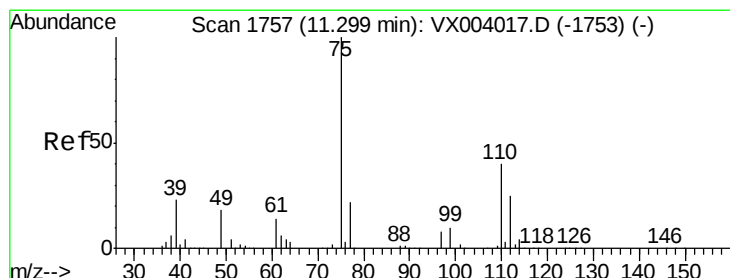
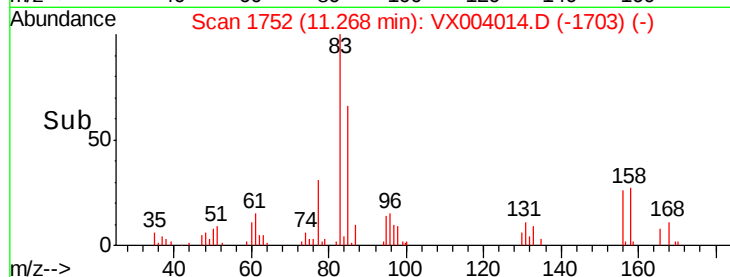
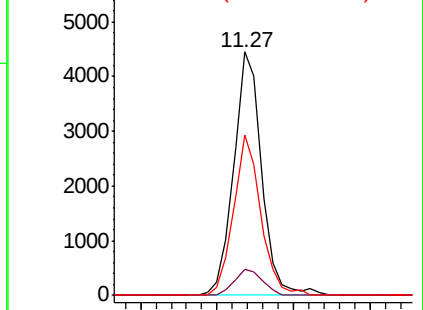
85 64.0 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.235 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004014.D

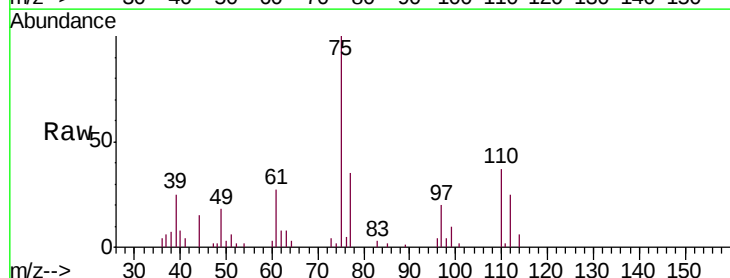
Acq: 13 Aug 2018 23:39

Tgt Ion: 75 Resp: 5382

Ion Ratio Lower Upper

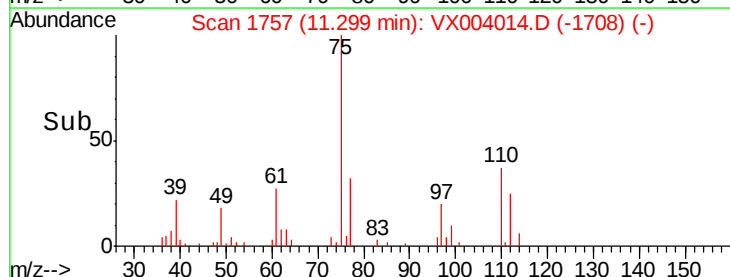
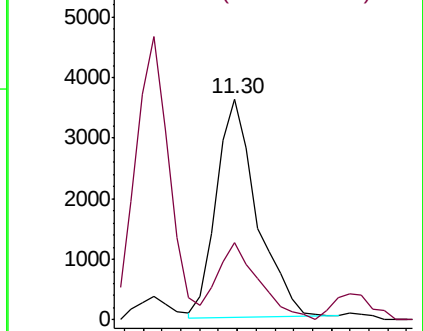
75 100

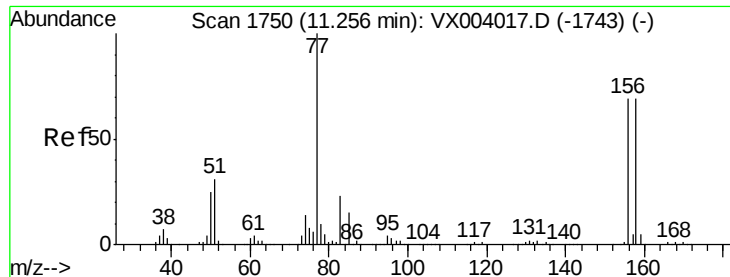
77 35.9 19.8 59.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.992 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

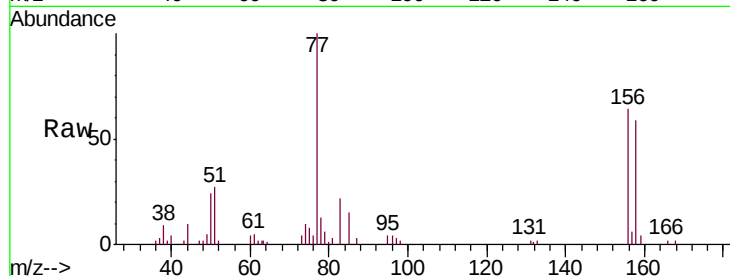
Tgt Ion:156 Resp: 3840

Ion Ratio Lower Upper

156 100

77 153.5 73.1 219.3

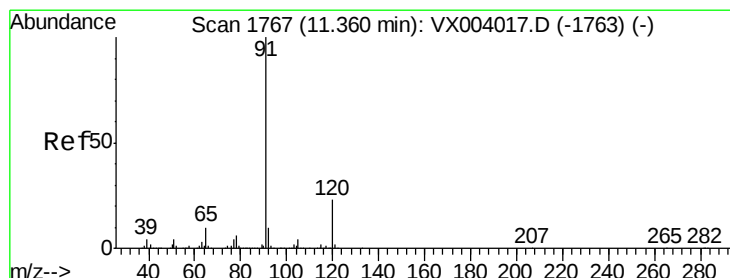
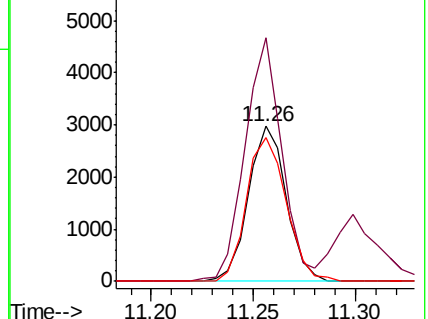
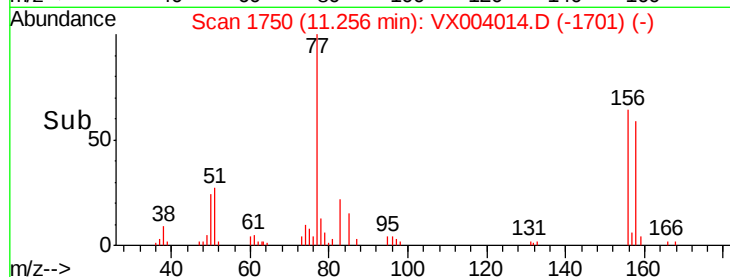
158 97.2 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.762 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004014.D

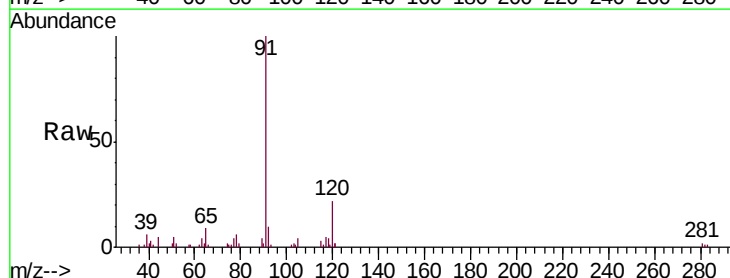
Acq: 13 Aug 2018 23:39

Tgt Ion: 91 Resp: 12147

Ion Ratio Lower Upper

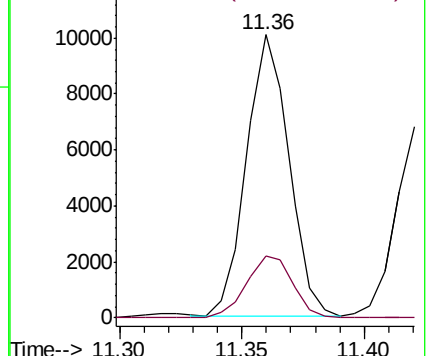
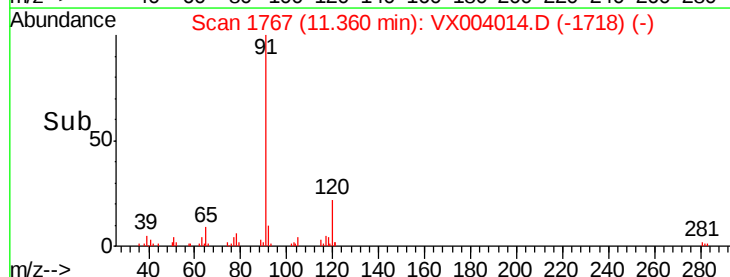
91 100

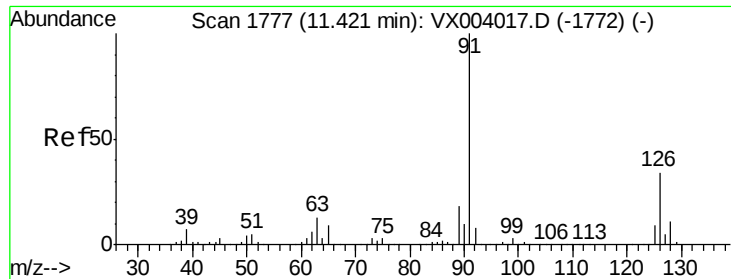
120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

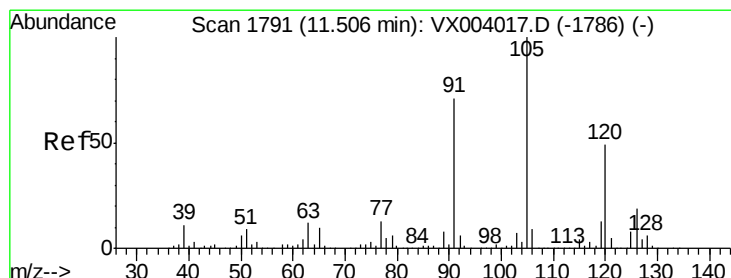
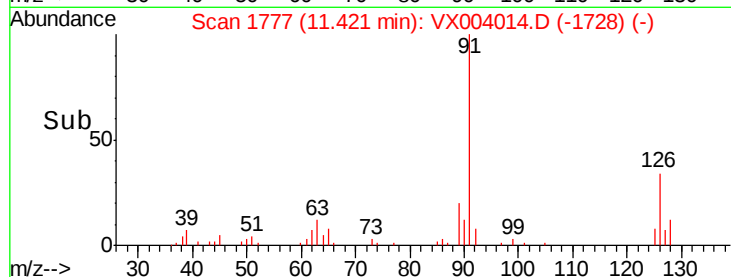
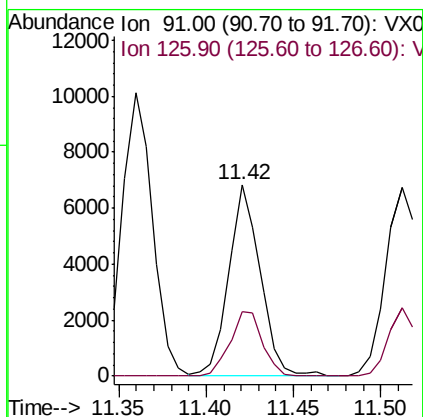
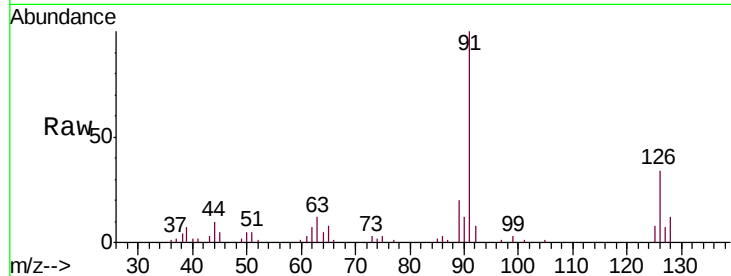




#79
 2-Chlorotoluene
 Concen: 0.873 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

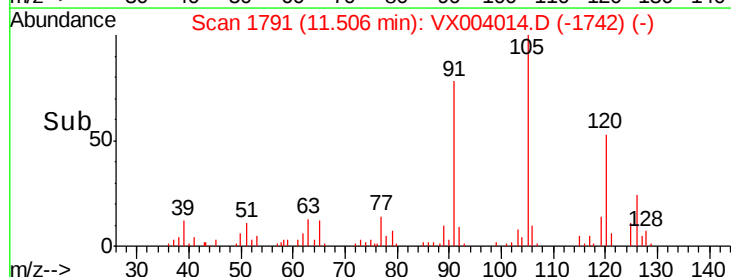
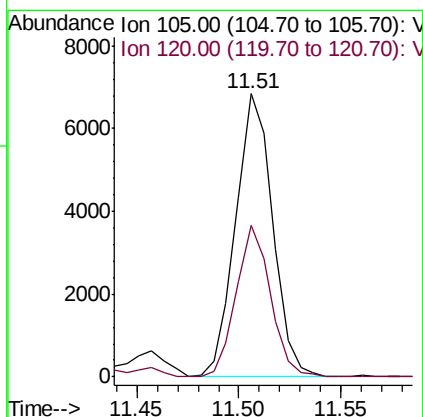
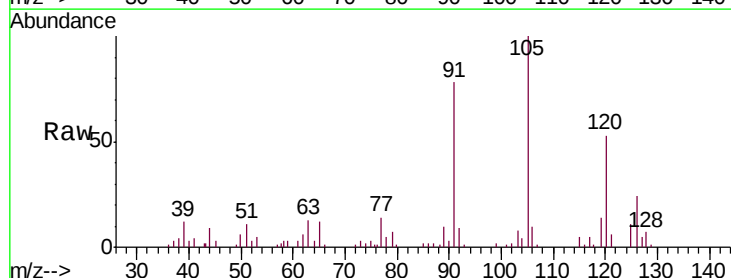
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCO

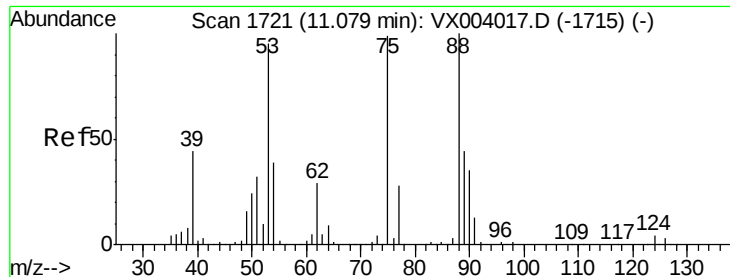
Tgt Ion: 91 Resp: 8586
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 0.742 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

Tgt Ion: 105 Resp: 8621
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 0.768 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX004014.D

Acq: 13 Aug 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC0

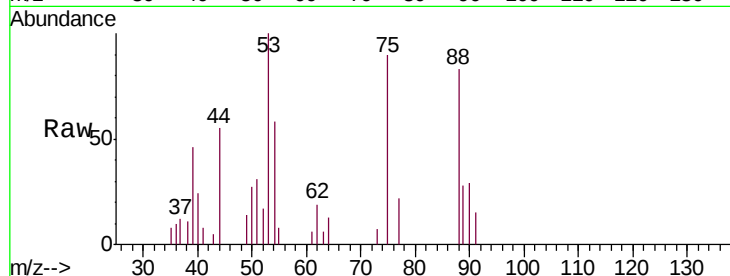
Tgt Ion: 75 Resp: 1067

Ion Ratio Lower Upper

75 100

53 119.1 81.0 121.6

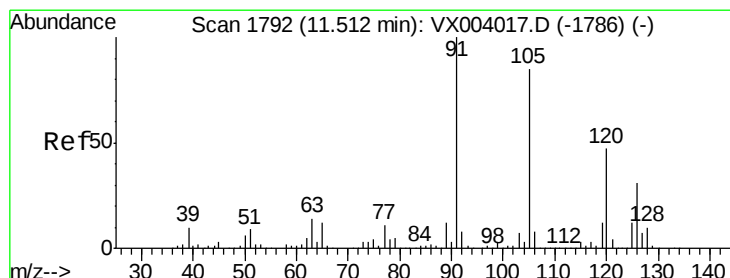
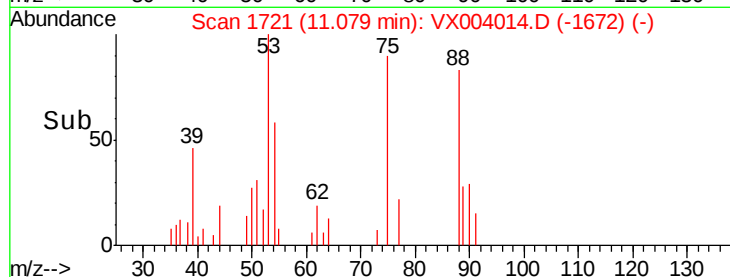
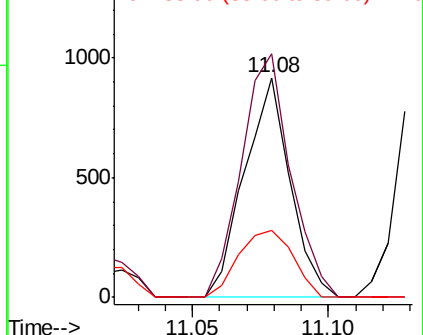
89 36.5 36.3 54.5



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: 0.778 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004014.D

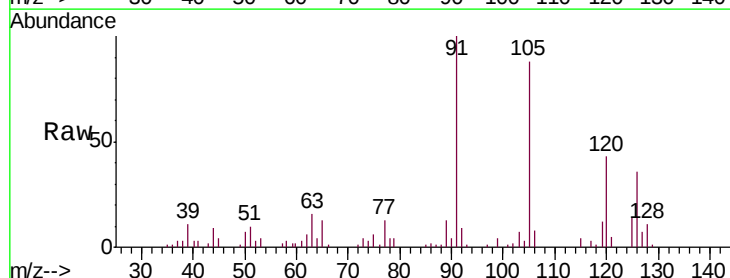
Acq: 13 Aug 2018 23:39

Tgt Ion: 91 Resp: 8954

Ion Ratio Lower Upper

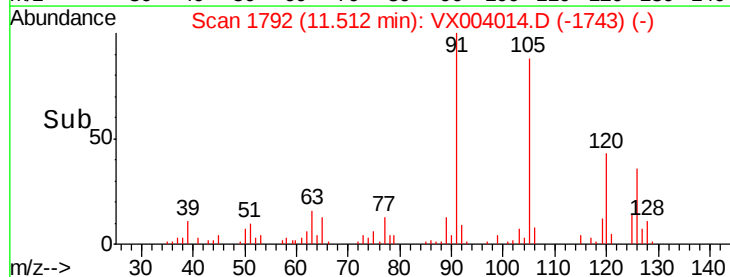
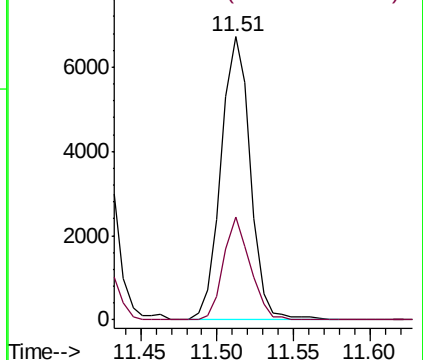
91 100

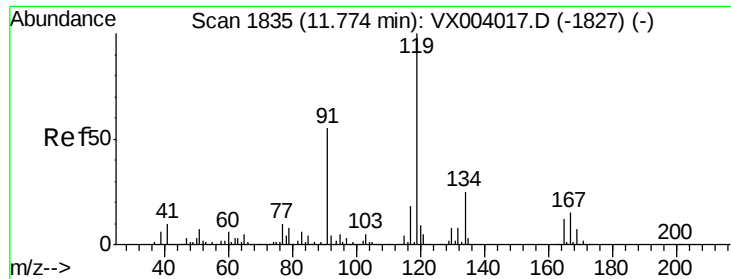
126 32.8 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

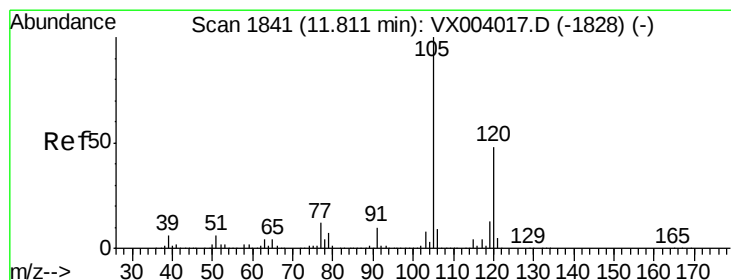
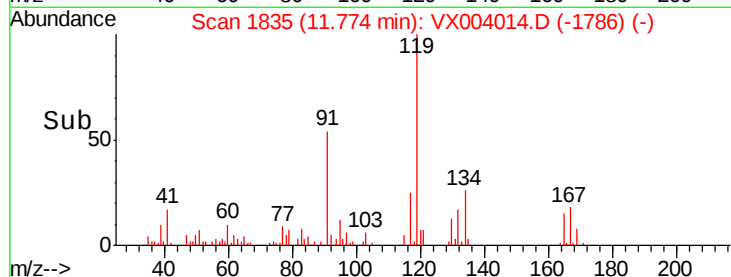
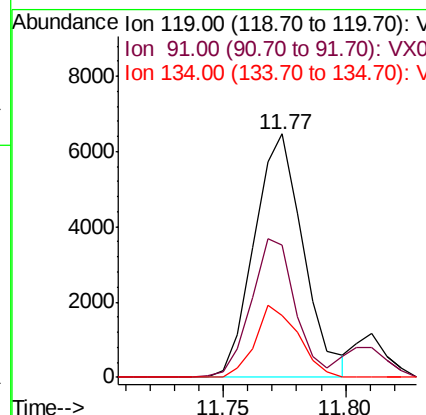
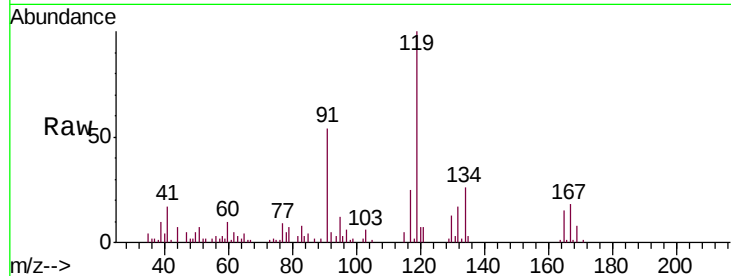




#83
 tert-Butylbenzene
 Concen: 0.793 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

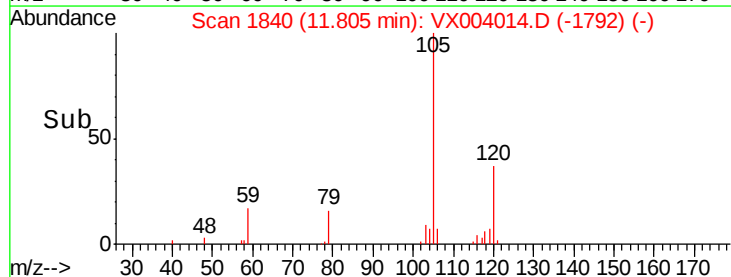
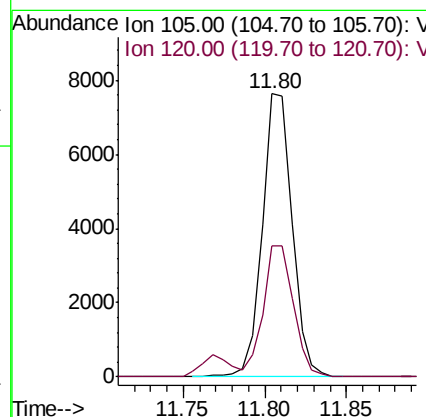
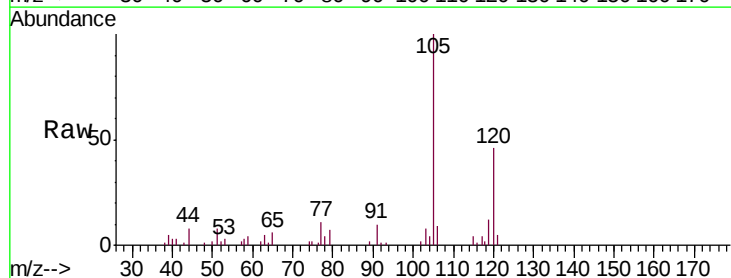
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC0

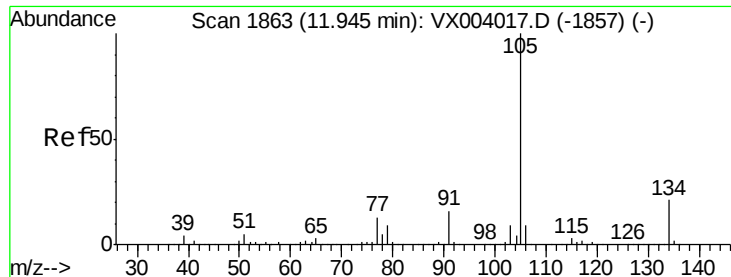
Tgt Ion:119 Resp: 9006
 Ion Ratio Lower Upper
 119 100
 91 51.4 26.8 80.4
 134 26.0 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.829 ug/l
 RT: 11.80 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

Tgt Ion:105 Resp: 9755
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6

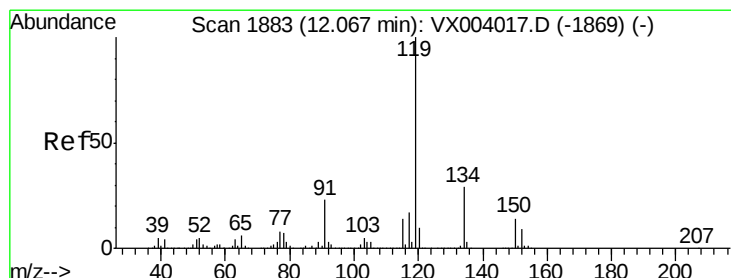
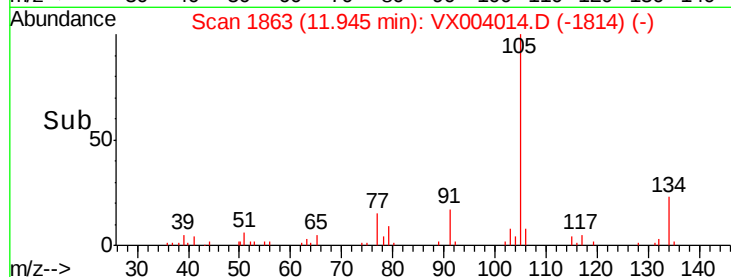
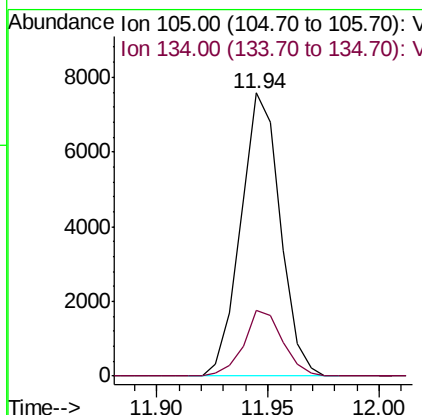
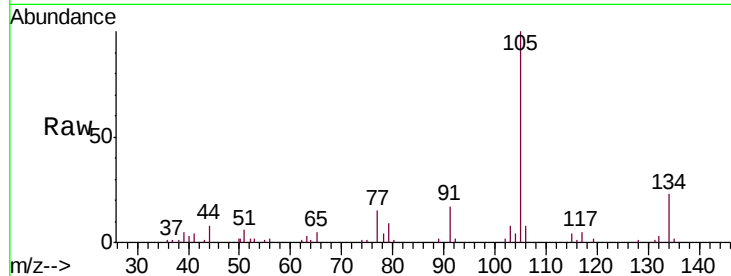




#85
 sec-Butylbenzene
 Concen: 0.709 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

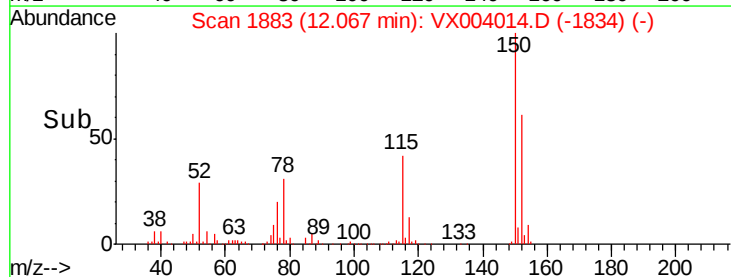
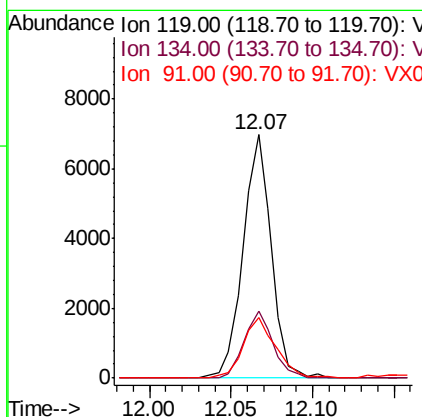
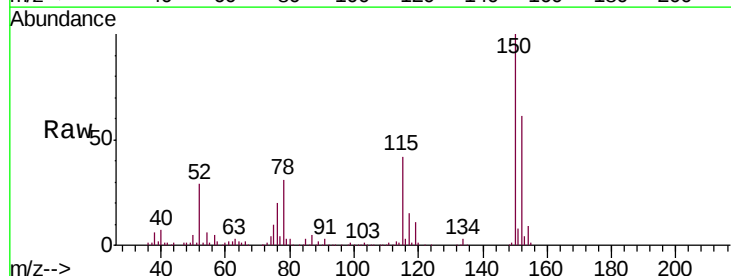
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCO

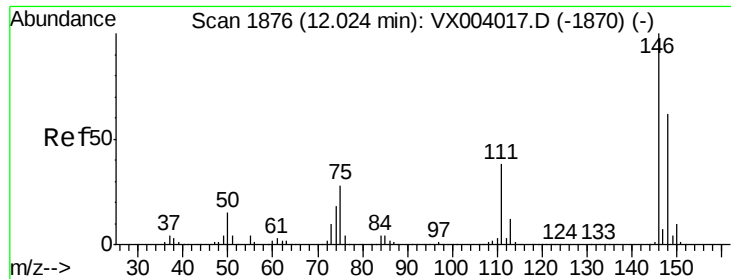
Tgt Ion:105 Resp: 9371
 Ion Ratio Lower Upper
 105 100
 134 22.9 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 0.707 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

Tgt Ion:119 Resp: 8416
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.8 41.4
 91 29.0 11.1 33.3

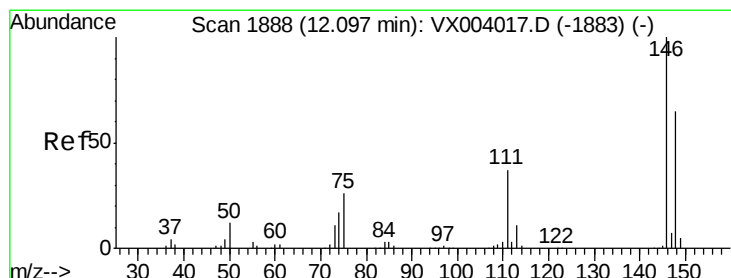
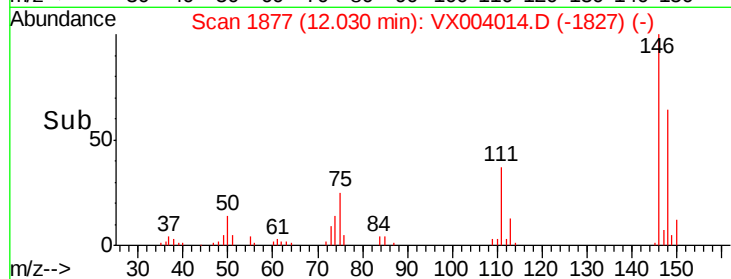
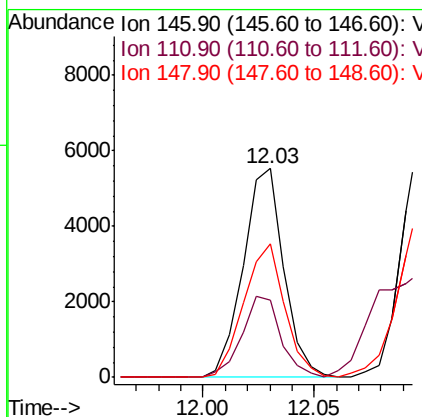
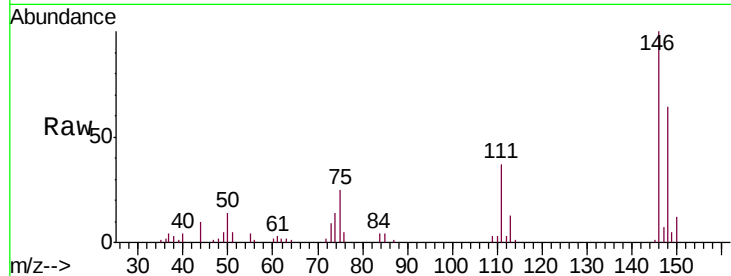




#87
 1,3-Dichlorobenzene
 Concen: 0.988 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

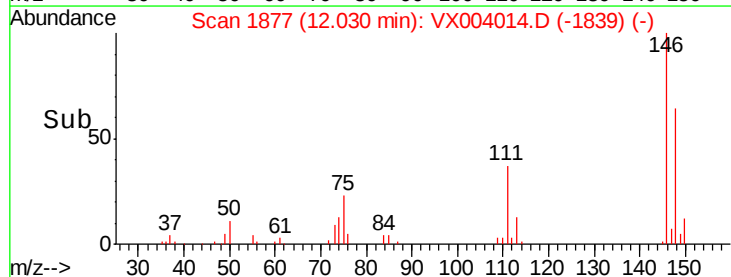
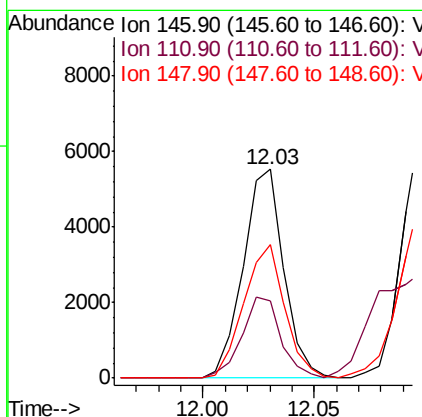
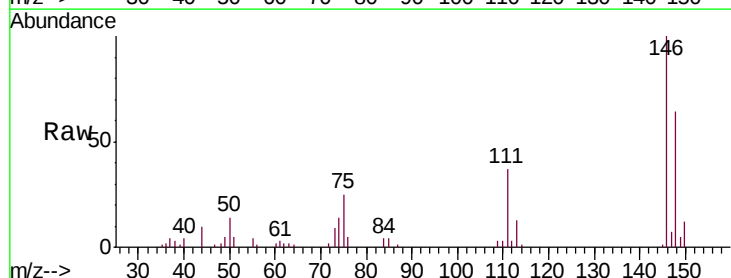
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC0

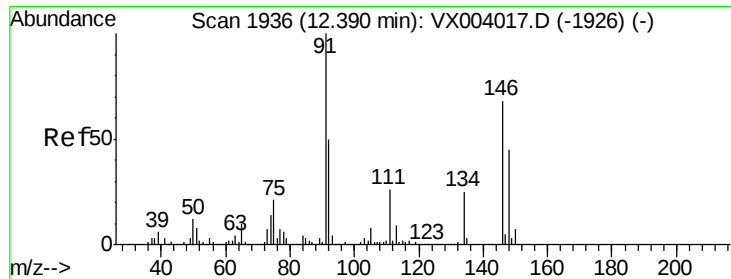
Tgt Ion:146 Resp: 7029
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.8 56.3
 148 64.7 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 0.950 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

Tgt Ion:146 Resp: 7029
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.3 54.8
 148 64.7 31.9 95.9

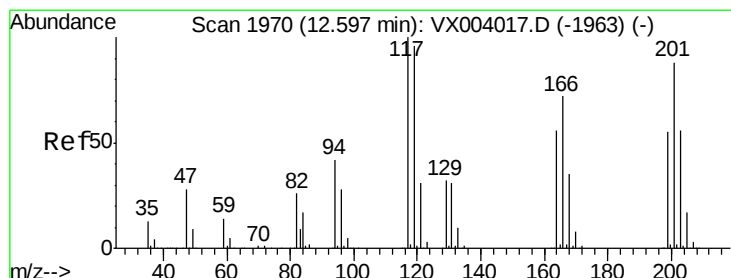
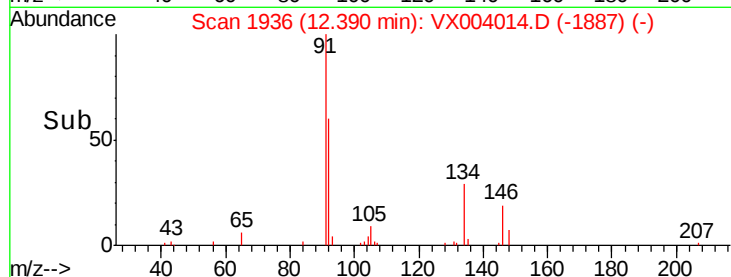
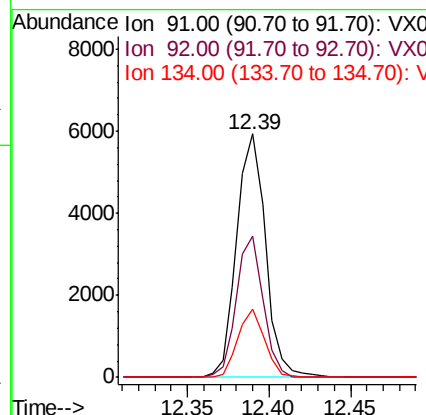
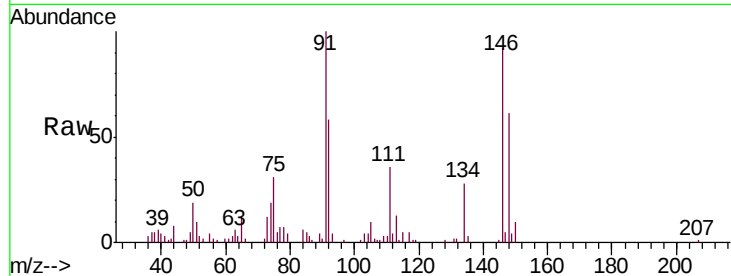




#89
n-Butylbenzene
Concen: 0.715 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

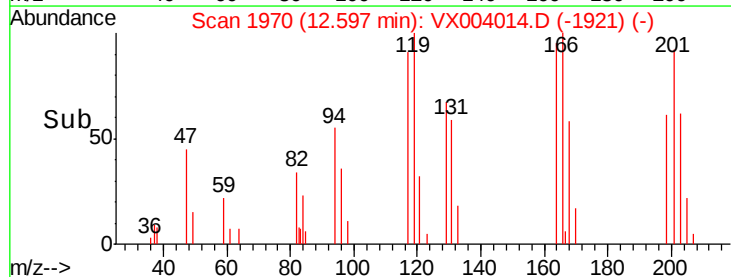
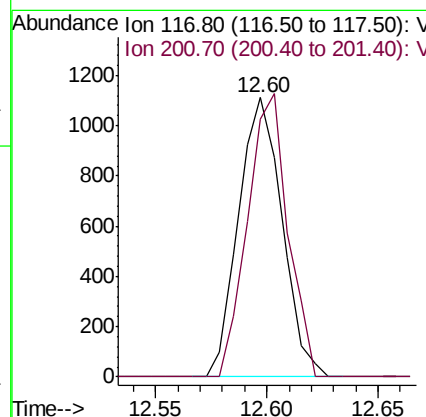
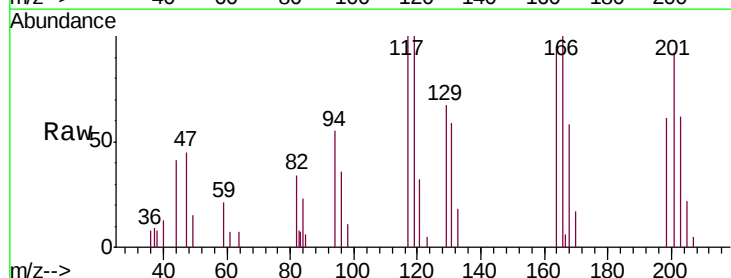
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC0

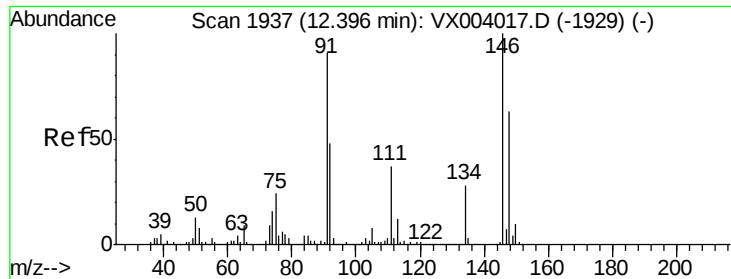
Tgt Ion: 91 Resp: 7346
Ion Ratio Lower Upper
91 100
92 53.6 26.2 78.6
134 25.7 13.1 39.3



#90
Hexachloroethane
Concen: 0.796 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

Tgt Ion: 117 Resp: 1518
Ion Ratio Lower Upper
117 100
201 93.6 46.5 139.3

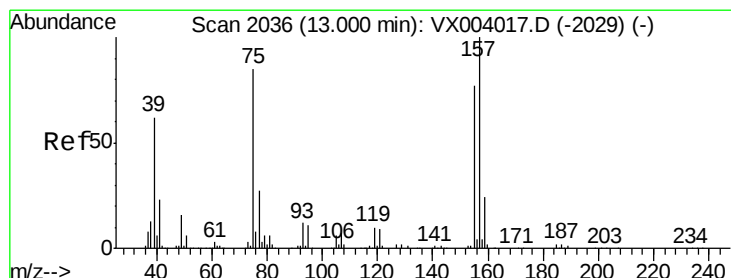
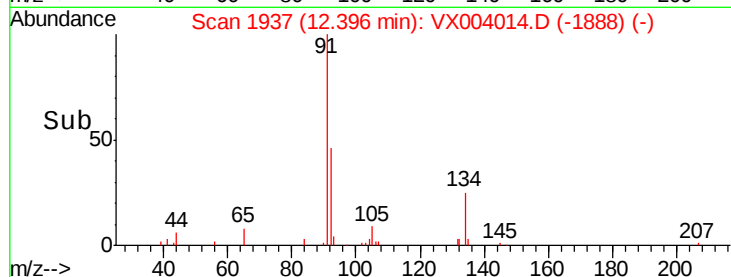
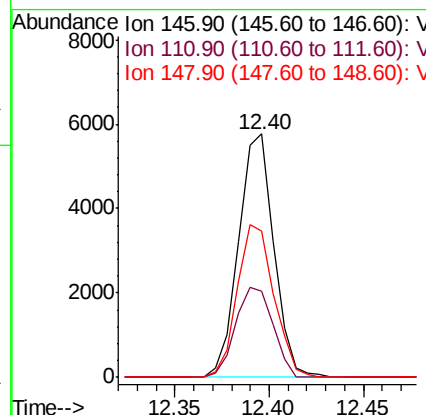
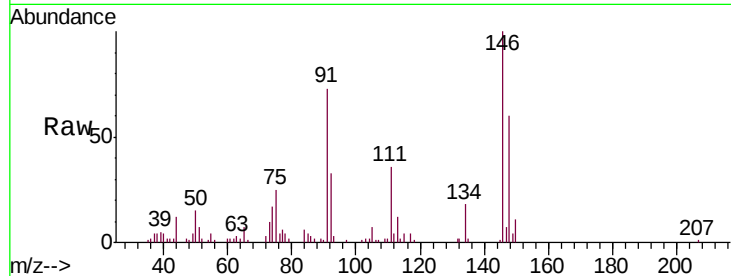




#91
1,2-Dichlorobenzene
Concen: 1.065 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

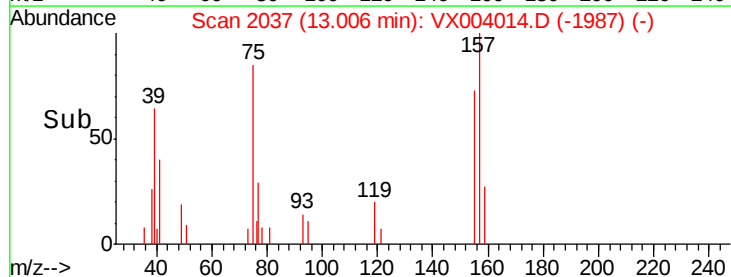
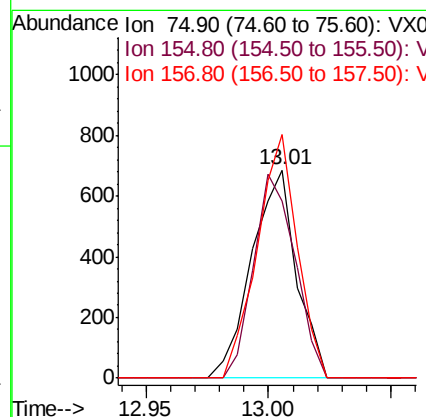
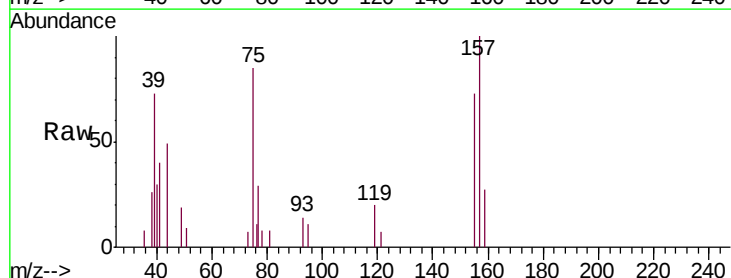
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCO

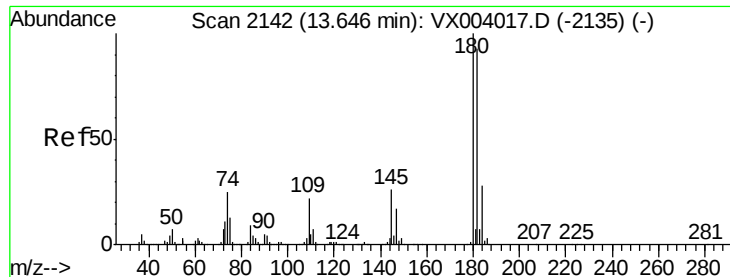
Tgt Ion:146 Resp: 7507
Ion Ratio Lower Upper
146 100
111 39.1 18.9 56.9
148 65.2 32.3 96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.877 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

Tgt Ion: 75 Resp: 871
Ion Ratio Lower Upper
75 100
155 91.4 47.8 143.3
157 106.0 61.4 184.1

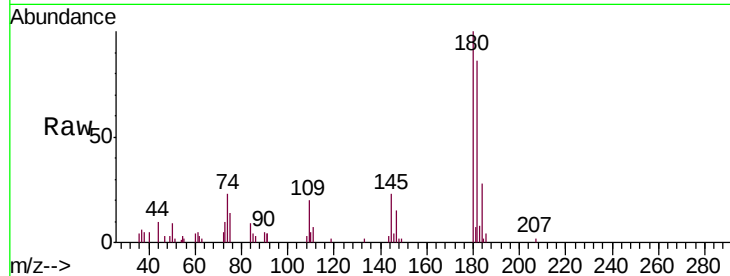




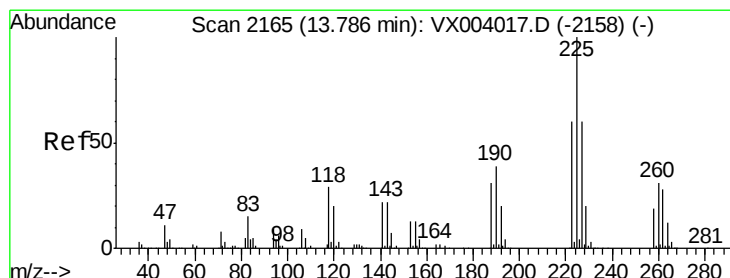
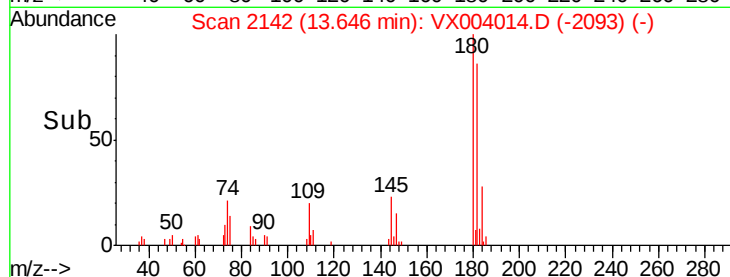
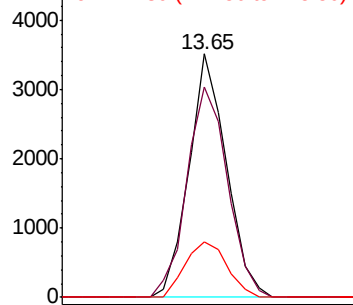
#93
 1,2,4-Trichlorobenzene
 Concen: 0.831 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC0

Tgt Ion:180 Resp: 4122
 Ion Ratio Lower Upper
 180 100
 182 94.1 46.6 139.7
 145 25.5 14.0 42.0

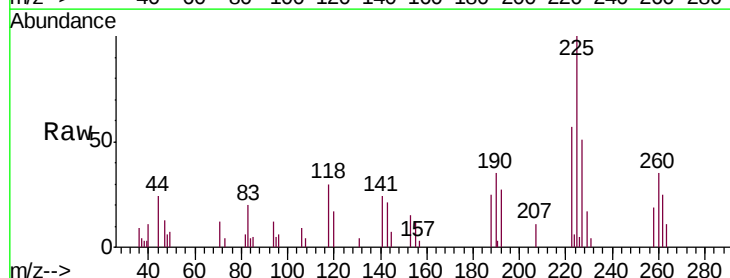


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

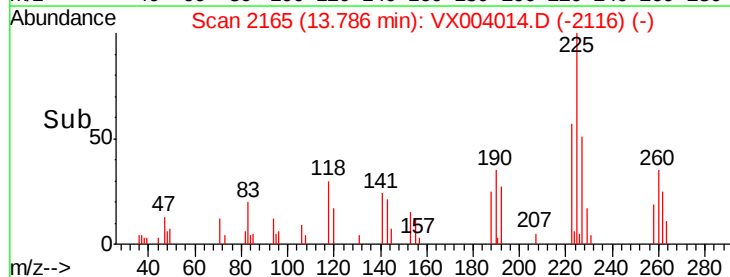
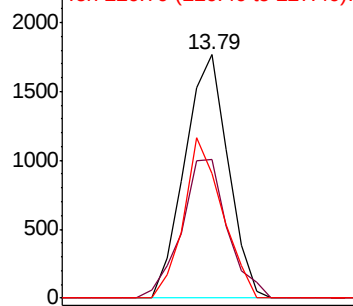


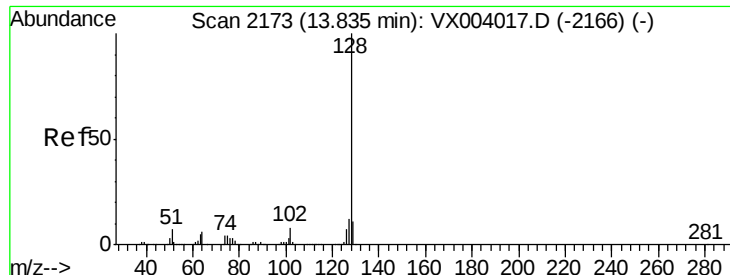
#94
 Hexachlorobutadiene
 Concen: 0.961 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004014.D
 Acq: 13 Aug 2018 23:39

Tgt Ion:225 Resp: 2175
 Ion Ratio Lower Upper
 225 100
 223 60.4 30.9 92.8
 227 58.6 31.6 95.0



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

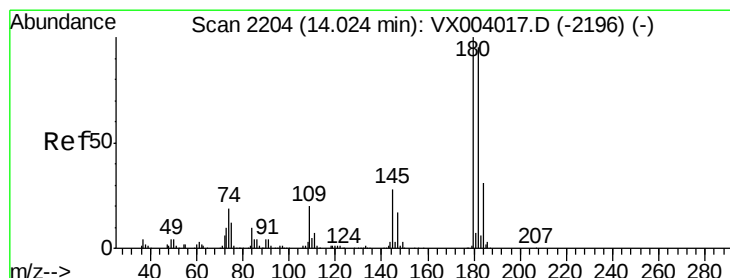
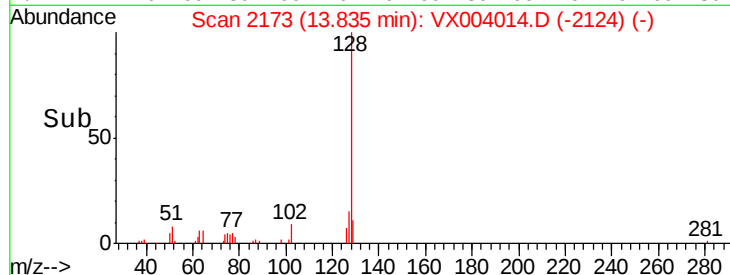
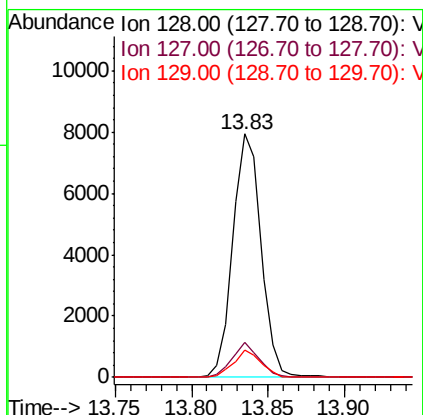
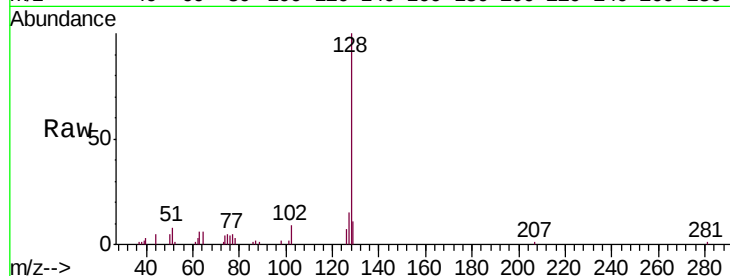




#95
Naphthalene
Concen: 0.704 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC0

Tgt Ion:128 Resp: 10169
Ion Ratio Lower Upper
128 100
127 13.8 9.9 14.9
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.828 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004014.D
Acq: 13 Aug 2018 23:39

Tgt Ion:180 Resp: 4154
Ion Ratio Lower Upper
180 100
182 101.6 48.1 144.4
145 31.2 14.9 44.5

