

Data File : VX001275.D

Acq On : 01 May 2018 13:11

Operator : JC/MD

Sample : VSTDIC150

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Quant Time: May 02 01:23:03 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:17:44 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	269443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	265585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197165	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	416520	132.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	264.18%	
35) Dibromofluoromethane	5.51	113	354416	158.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.46%	
50) Toluene-d8	8.72	98	1357089	160.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	320.12%	
62) 4-Bromofluorobenzene	11.15	95	566428	171.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	343.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	364087	163.80	ug/l	98
3) Chloromethane	1.32	50	335008	147.79	ug/l	99
4) Vinyl Chloride	1.41	62	341244	141.65	ug/l	100
5) Bromomethane	1.64	94	258276	151.59	ug/l	100
6) Chloroethane	1.71	64	224000	148.80	ug/l	100
7) Trichlorofluoromethane	1.92	101	589483	150.12	ug/l	100
8) Diethyl Ether	2.19	74	199948	135.59	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	326317	150.19	ug/l	99
10) Methyl Iodide	2.51	142	403660	200.18	ug/l	99
11) Tert butyl alcohol	3.10	59	345609	574.36	ug/l	100
12) 1,1-Dichloroethene	2.37	96	299837	143.53	ug/l	99
13) Acrolein	2.30	56	206027	833.38	ug/l	100
14) Allyl chloride	2.73	41	553279	147.02	ug/l	99
15) Acrylonitrile	3.16	53	821263	624.82	ug/l	100
16) Acetone	2.45	43	855430	655.52	ug/l	100
17) Carbon Disulfide	2.57	76	821023	154.37	ug/l	98
18) Methyl Acetate	2.78	43	413979	128.40	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1042465	137.56	ug/l	100
20) Methylene Chloride	2.86	84	322586	132.24	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	326079	141.95	ug/l	98
22) Diisopropyl ether	3.88	45	1076749	143.76	ug/l	99
23) Vinyl Acetate	3.83	43	4599482	726.76	ug/l	99
24) 1,1-Dichloroethane	3.70	63	524619	131.74	ug/l	100
25) 2-Butanone	4.72	43	1176758	613.16	ug/l	99
26) 2,2-Dichloropropane	4.59	77	497773	157.87	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	353530	141.36	ug/l	99
28) Bromochloromethane	5.03	49	271055	151.58	ug/l	100
29) Tetrahydrofuran	5.17	42	733596	598.02	ug/l	100
30) Chloroform	5.23	83	607562	144.15	ug/l	100
31) Cyclohexane	5.58	56	503666	147.35	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	559426	153.09	ug/l	100
36) 1,1-Dichloropropene	5.81	75	450500	150.33	ug/l	99
37) Ethyl Acetate	4.87	43	460048	131.67	ug/l	100
38) Carbon Tetrachloride	5.79	117	512674	166.13	ug/l	96

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ClientSampleId :
VSTDICC150

Quant Time: May 02 01:23:03 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:17:44 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	545739	162.35	ug/l	98
40) Benzene	6.15	78	1304667	151.15	ug/l	100
41) Methacrylonitrile	5.07	41	265873	135.46	ug/l	99
42) 1,2-Dichloroethane	6.20	62	499680	145.13	ug/l	100
43) Isopropyl Acetate	6.48	43	797521	144.62	ug/l	100
44) Trichloroethene	7.22	130	393038	152.17	ug/l	97
45) 1,2-Dichloropropane	7.52	63	338143	149.64	ug/l	99
46) Dibromomethane	7.67	93	236044	150.94	ug/l	99
47) Bromodichloromethane	7.91	83	473843	166.59	ug/l	98
48) Methyl methacrylate	7.79	41	425719	145.44	ug/l	98
49) 1,4-Dioxane	7.77	88	147444	2545.52	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	2625996	726.79	ug/l	98
52) Toluene	8.79	92	897366	158.74	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	570087	172.63	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	558925	180.41	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	364744	153.38	ug/l	99
56) Ethyl methacrylate	9.19	69	563353	161.66	ug/l	100
57) 1,3-Dichloropropane	9.38	76	578154	150.63	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1269083	765.01	ug/l	99
59) 2-Hexanone	9.51	43	2091152	737.23	ug/l	99
60) Dibromochloromethane	9.59	129	433890	180.64	ug/l	98
61) 1,2-Dibromoethane	9.68	107	391843	157.67	ug/l	99
64) Tetrachloroethene	9.34	164	406081	140.00	ug/l	96
65) Chlorobenzene	10.15	112	1060925	151.78	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	406356	168.06	ug/l	100
67) Ethyl Benzene	10.26	91	1788536	156.64	ug/l	99
68) m/p-Xylenes	10.37	106	1439535	318.81	ug/l	100
69) o-Xylene	10.71	106	705478	161.77	ug/l	100
70) Styrene	10.72	104	1214341	167.57	ug/l	100
71) Bromoform	10.87	173	396181	188.76	ug/l	100
73) Isopropylbenzene	11.02	105	1923675	148.90	ug/l	100
74) N-amyl acetate	6.48	43	797521	125.45	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	593022	140.66	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	687978	174.03	ug/l	90
77) Bromobenzene	11.26	156	557365	145.99	ug/l	99
78) n-propylbenzene	11.37	91	2174753	151.08	ug/l	99
79) 2-Chlorotoluene	11.43	91	1294878	145.51	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1679653	153.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	184117	184.90	ug/l	96
82) 4-Chlorotoluene	11.52	91	1593591	150.42	ug/l	100
83) tert-Butylbenzene	11.78	119	1720142	157.67	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1702392	151.63	ug/l	100
85) sec-Butylbenzene	11.95	105	1985967	154.79	ug/l	100
86) p-Isopropyltoluene	12.07	119	1856223	155.95	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	1028805	149.94	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1048259	146.52	ug/l	100
89) n-Butylbenzene	12.40	91	1686181	163.42	ug/l	100
90) Hexachloroethane	12.60	117	313096	185.17	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	1036357	149.52	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	132769	144.22	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050118\
Quantitation Report (Not Reviewed)

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MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: May 02 01:23:03 2018
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Quant Title : SW846 8260
QLast Update : Wed May 02 01:17:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	832427	152.74	ug/l	99
94) Hexachlorobutadiene	13.79	225	423048	162.08	ug/l	100
95) Naphthalene	13.84	128	2147970	143.08	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	811818	149.97	ug/l	99

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

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Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 8 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

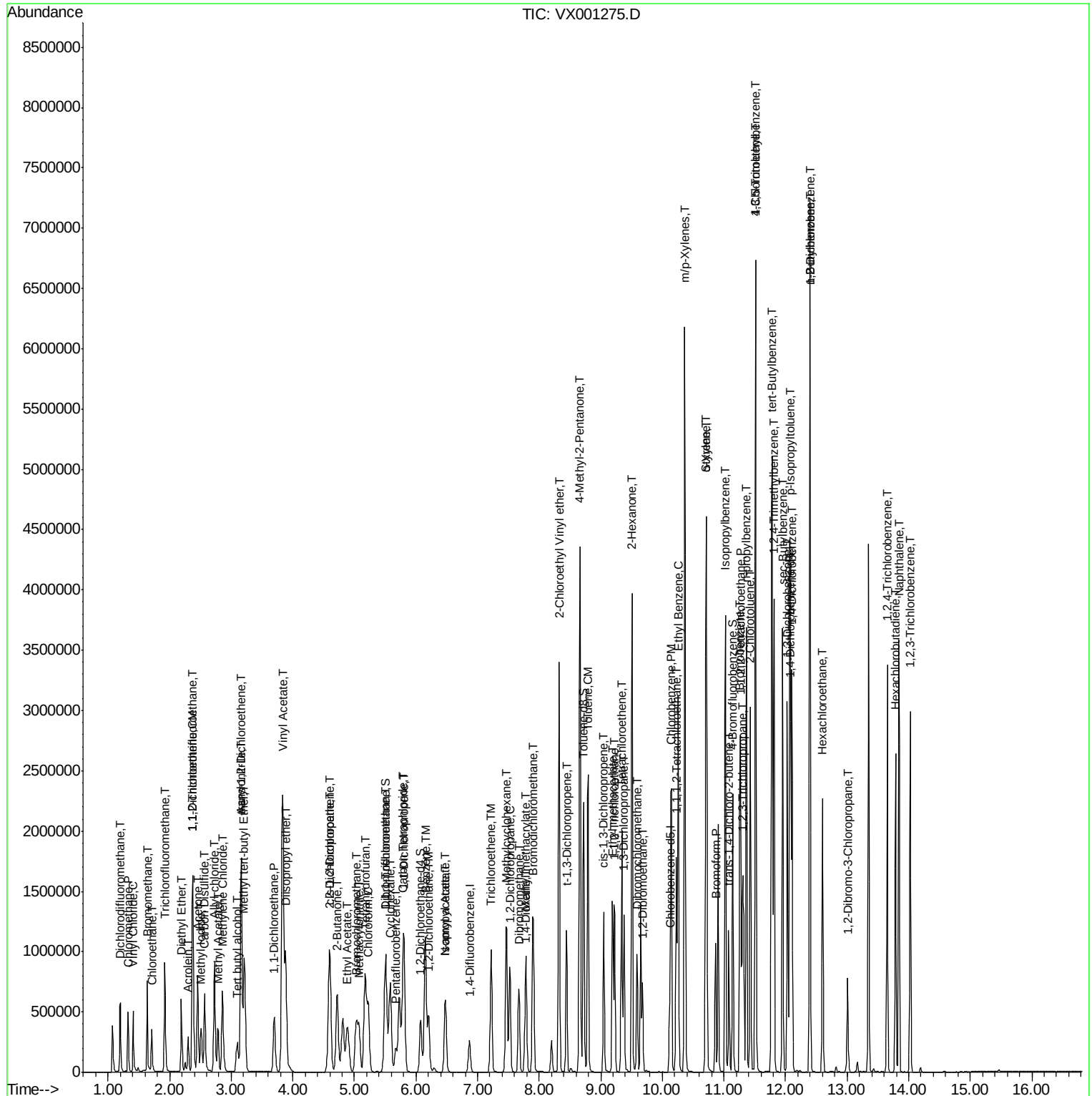
Quant Time: May 02 01:23:03 2018

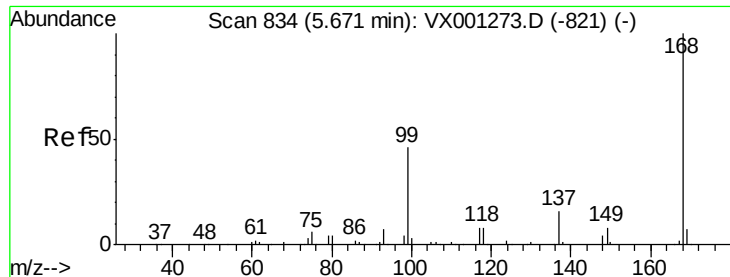
Quant Method : W:\HPCHEM1\MSV0A_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:17:44 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

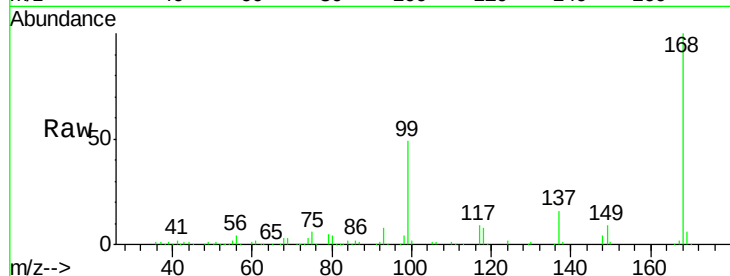
VSTDIC150

Tgt Ion:168 Resp: 206051

Ion Ratio Lower Upper

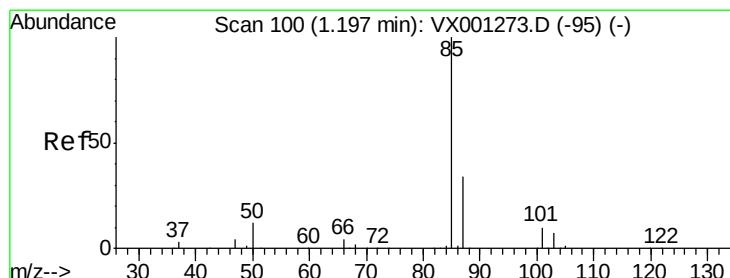
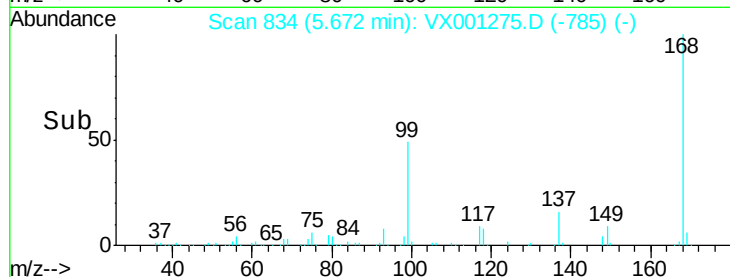
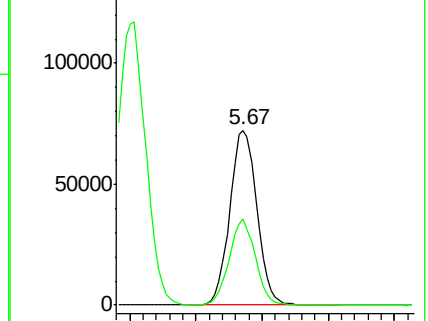
168 100

99 48.9 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 163.80 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001275.D

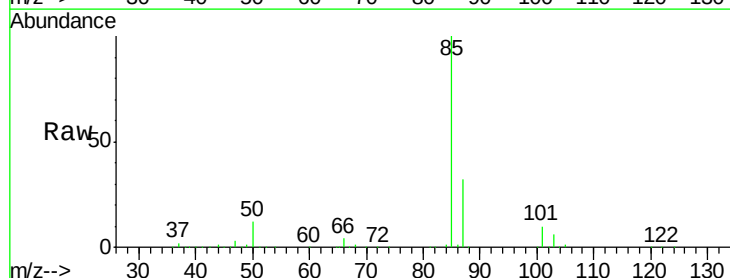
Acq: 01 May 2018 13:11

Tgt Ion: 85 Resp: 364087

Ion Ratio Lower Upper

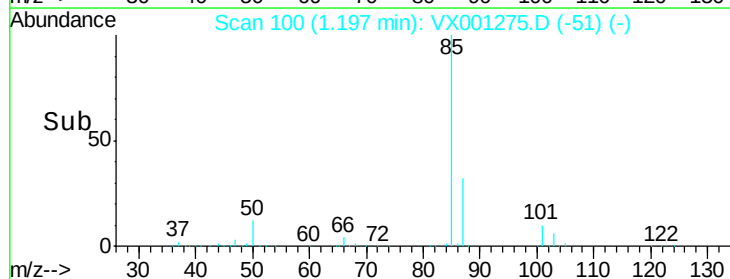
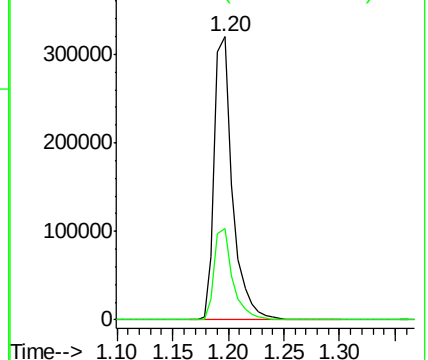
85 100

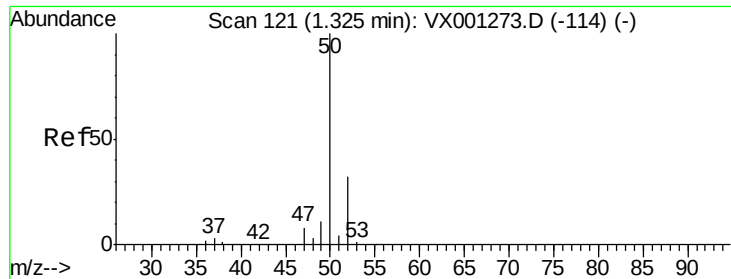
87 32.3 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 147.79 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

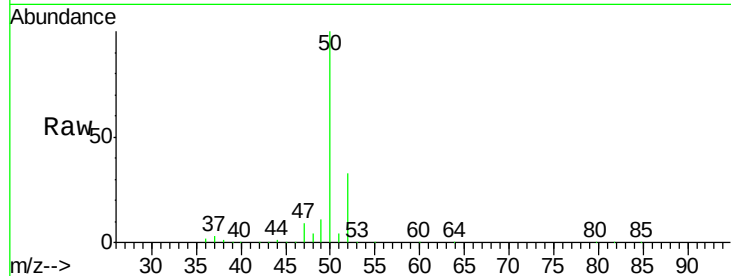
VSTDIC150

Tgt Ion: 50 Resp: 335008

Ion Ratio Lower Upper

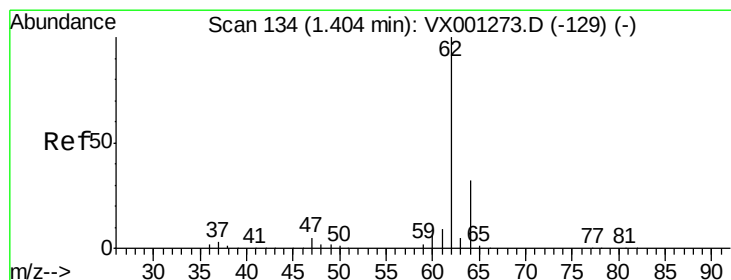
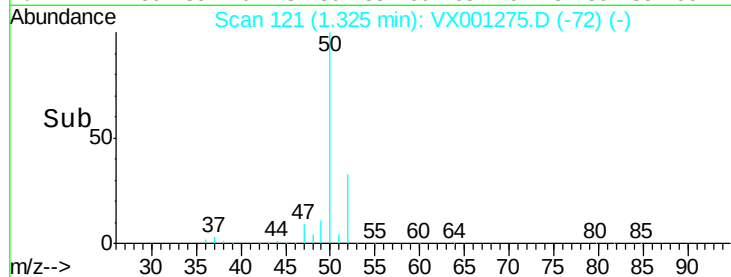
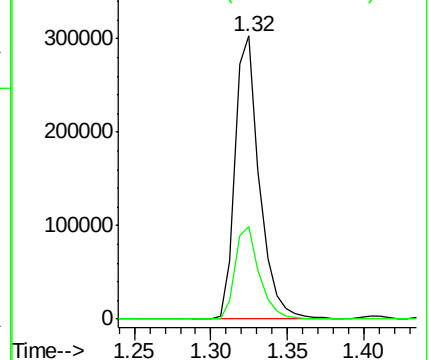
50 100

52 32.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 141.65 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001275.D

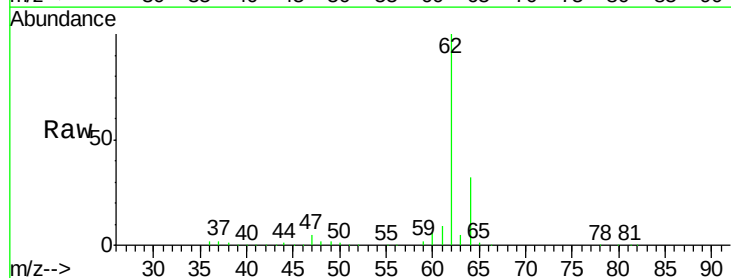
Acq: 01 May 2018 13:11

Tgt Ion: 62 Resp: 341244

Ion Ratio Lower Upper

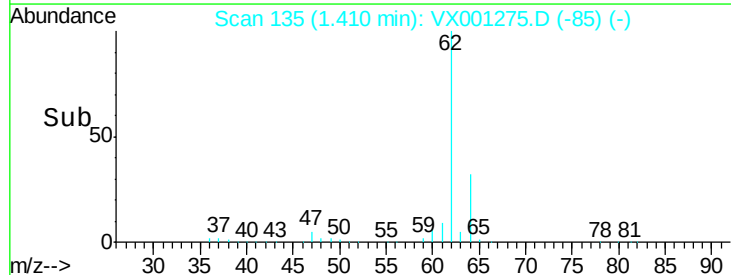
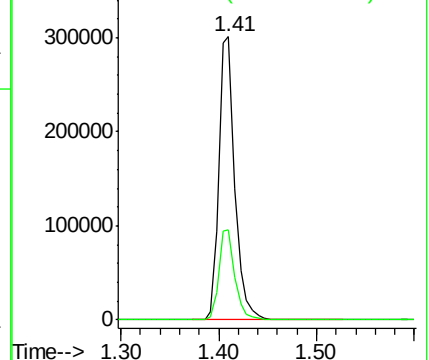
62 100

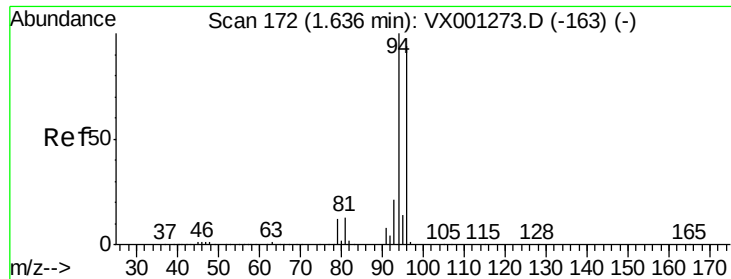
64 31.9 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 151.59 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

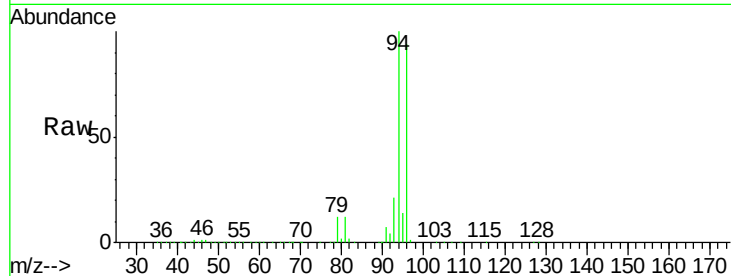
VSTDIC150

Tgt Ion: 94 Resp: 258276

Ion Ratio Lower Upper

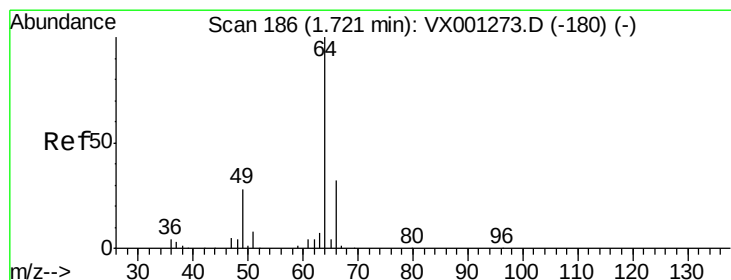
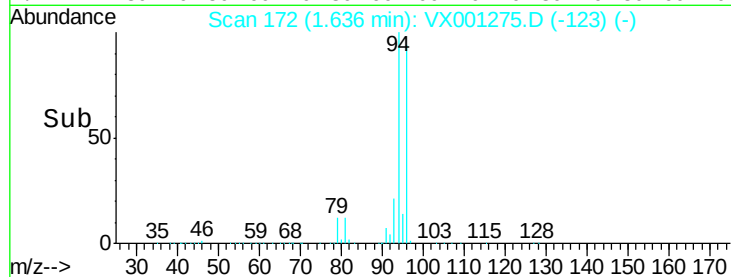
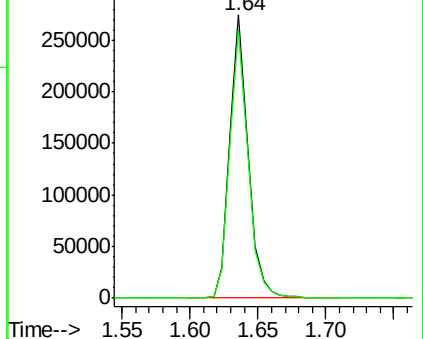
94 100

96 94.5 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 148.80 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX001275.D

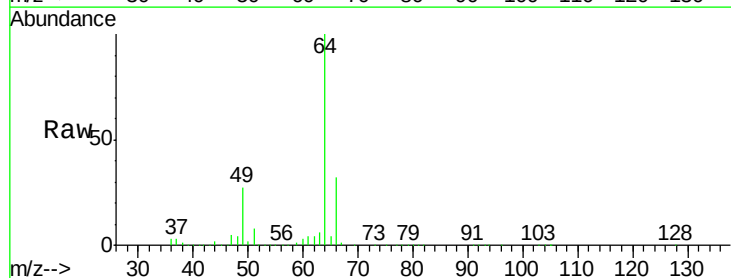
Acq: 01 May 2018 13:11

Tgt Ion: 64 Resp: 224000

Ion Ratio Lower Upper

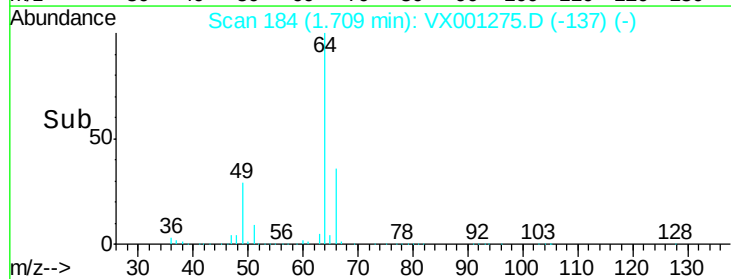
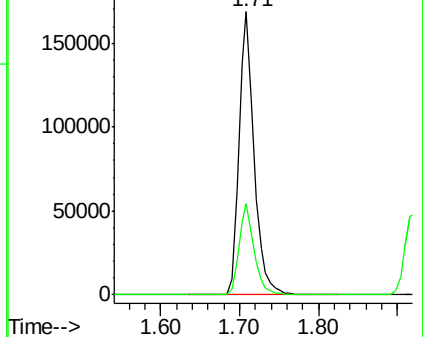
64 100

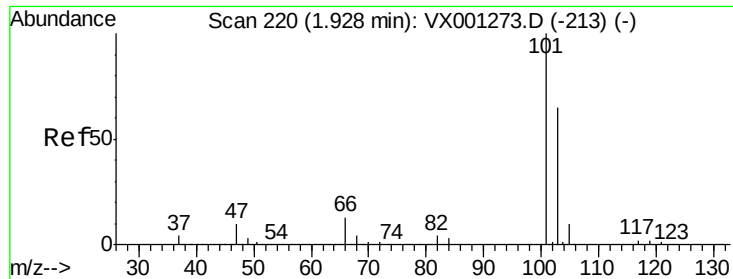
66 32.3 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



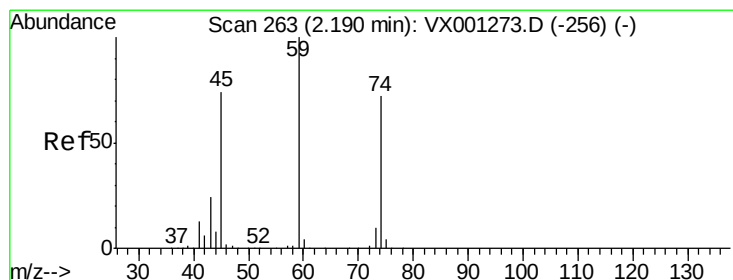
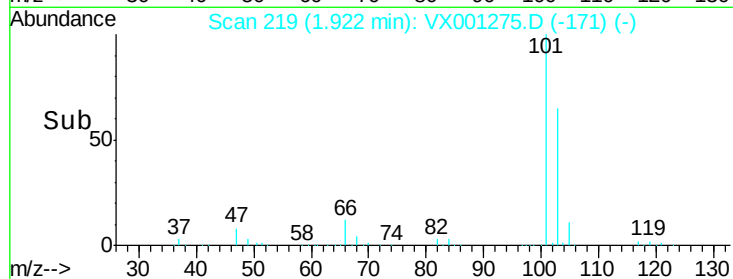
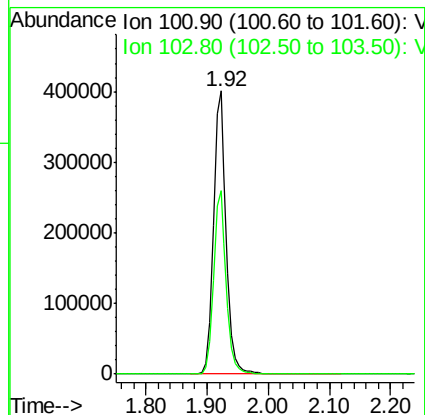
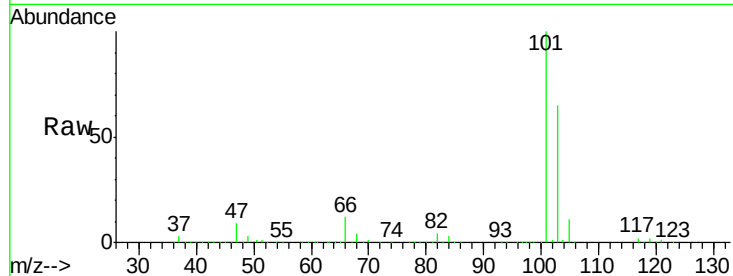


#7

Trichlorofluoromethane
 Concen: 150.12 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX001275.D
 Acq: 01 May 2018 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

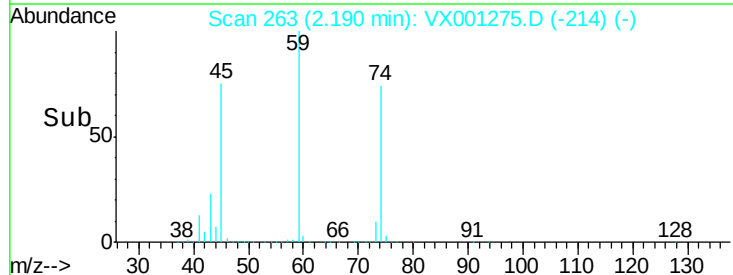
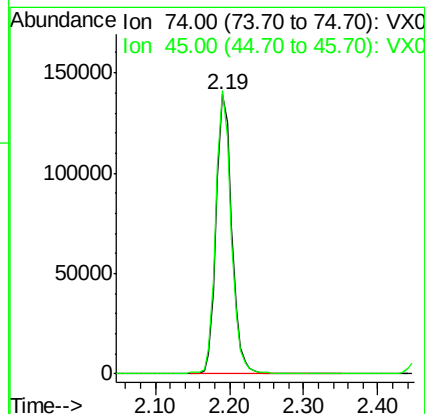
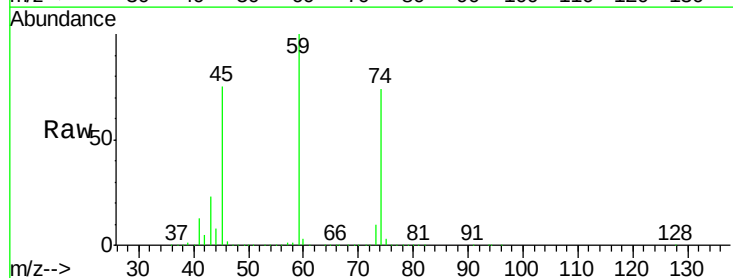
Tgt Ion: 101 Resp: 589483
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.8 77.8

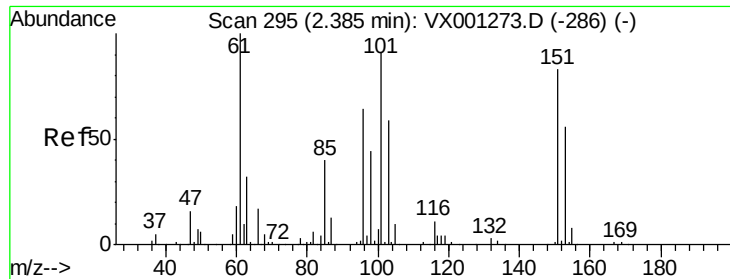


#8

Diethyl Ether
 Concen: 135.59 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001275.D
 Acq: 01 May 2018 13:11

Tgt Ion: 74 Resp: 199948
 Ion Ratio Lower Upper
 74 100
 45 100.4 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 150.19 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

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VSTDIC150

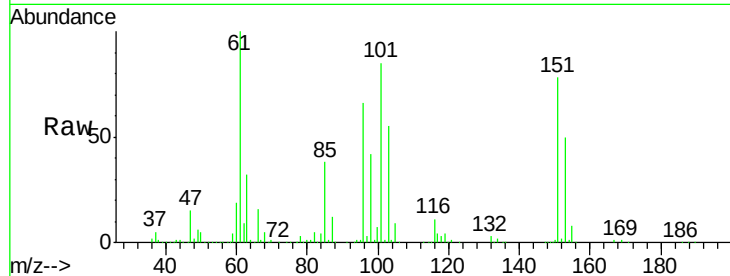
Tgt Ion:101 Resp: 326317

Ion Ratio Lower Upper

101 100

85 44.4 35.6 53.4

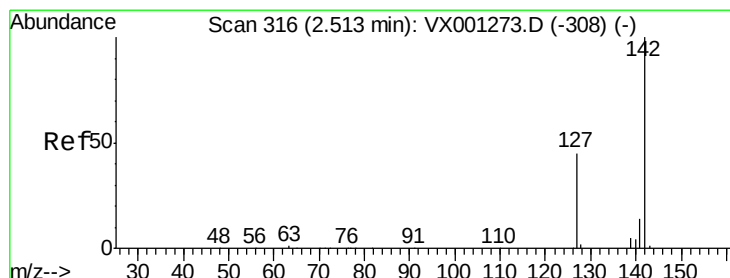
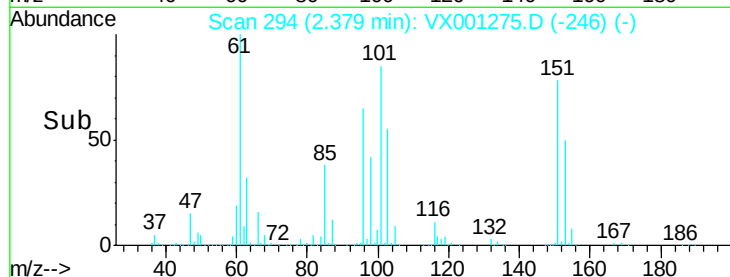
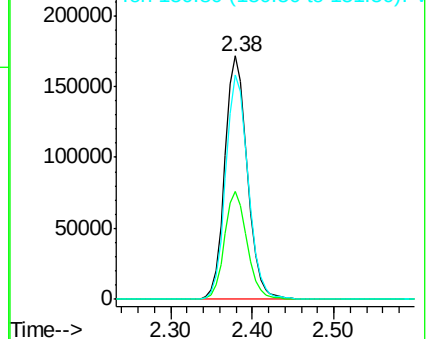
151 92.3 74.8 112.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 200.18 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

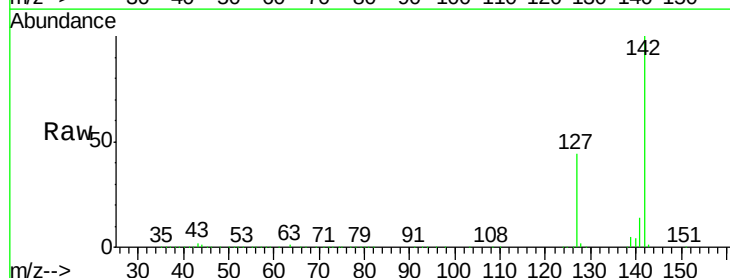
Tgt Ion:142 Resp: 403660

Ion Ratio Lower Upper

142 100

127 44.2 35.7 53.5

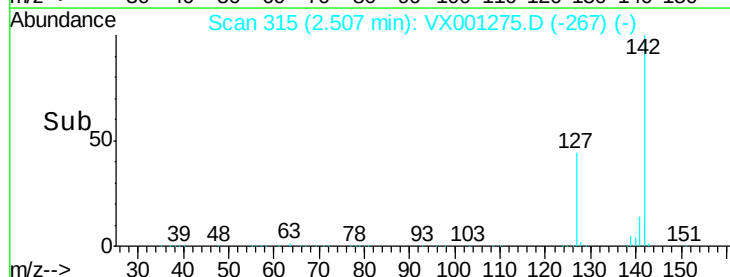
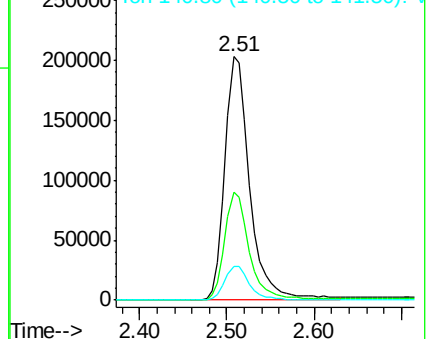
141 14.0 11.4 17.0

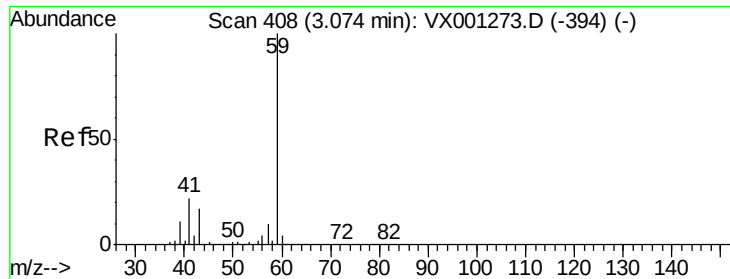


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

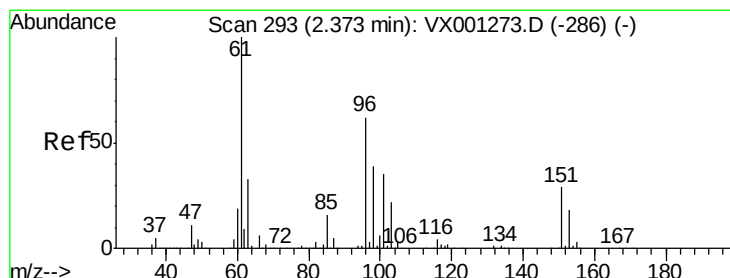
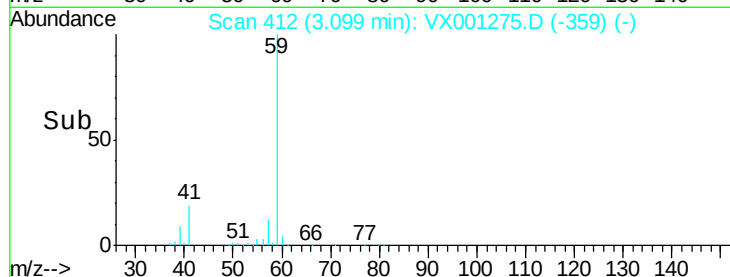
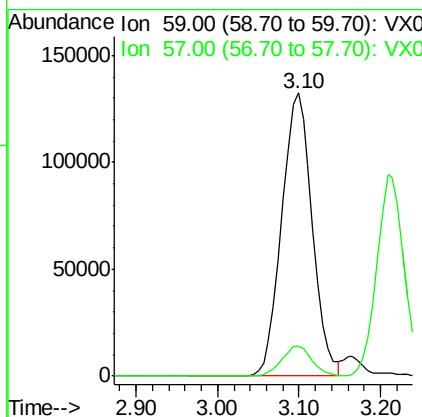
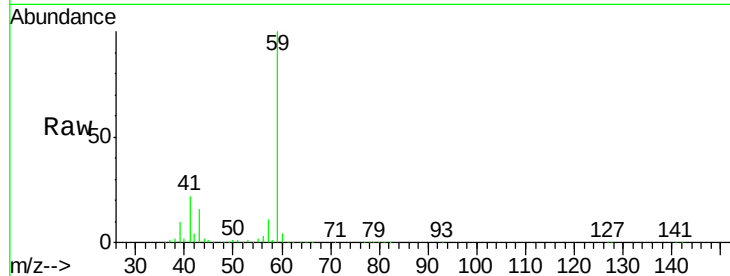




#11
Tert butyl alcohol
Concen: 574.36 ug/l
RT: 3.10 min Scan# 412
Delta R.T. 0.02 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

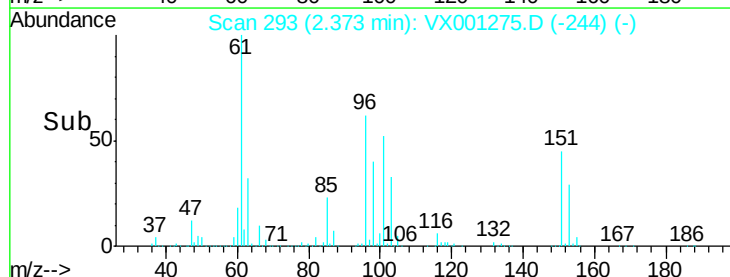
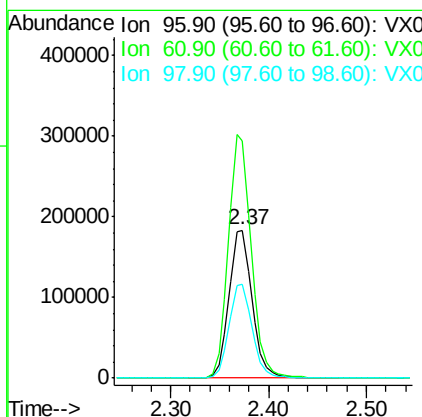
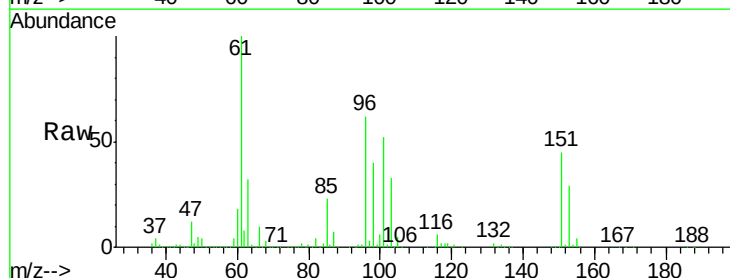
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

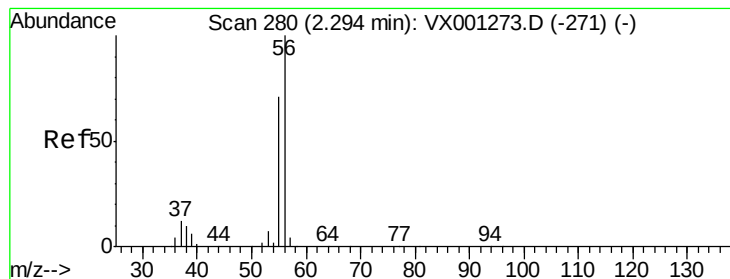
Tgt Ion: 59 Resp: 345609
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 143.53 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

Tgt Ion: 96 Resp: 299837
Ion Ratio Lower Upper
96 100
61 160.5 130.1 195.1
98 63.7 50.3 75.5





#13

Acrolein

Concen: 833.38 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampled :

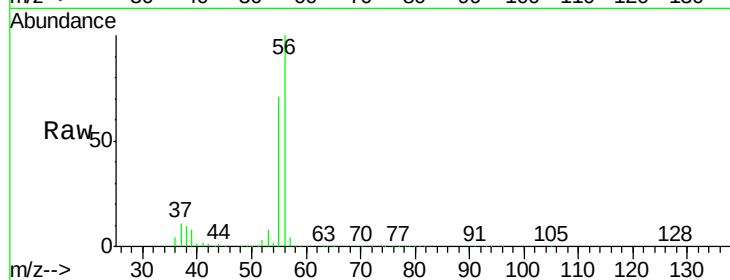
VSTDIC150

Tgt Ion: 56 Resp: 206027

Ion Ratio Lower Upper

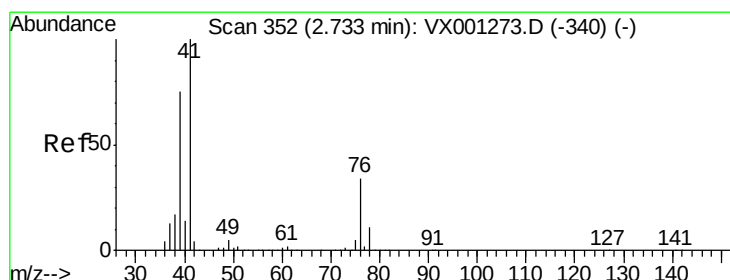
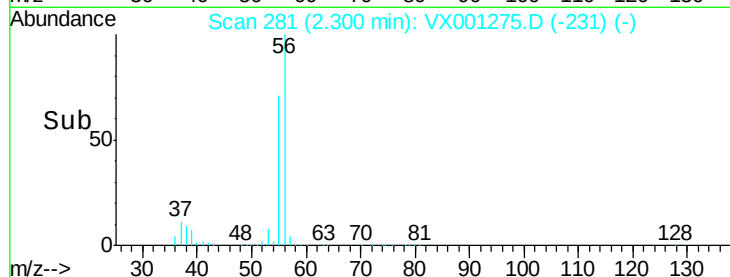
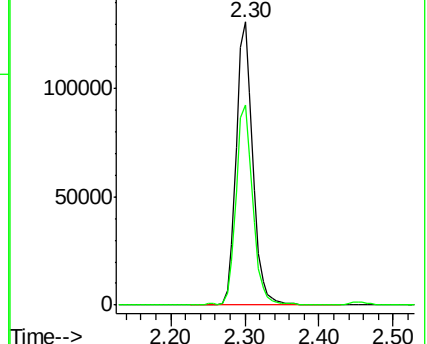
56 100

55 71.7 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 147.02 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

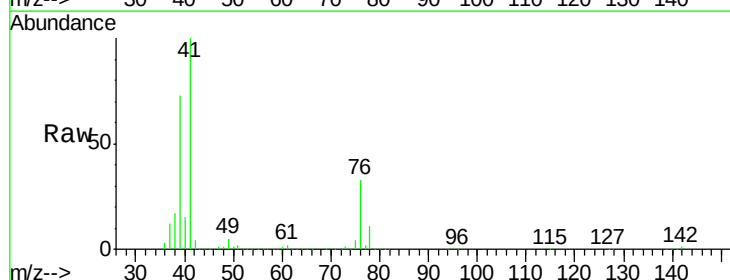
Tgt Ion: 41 Resp: 553279

Ion Ratio Lower Upper

41 100

39 71.8 58.1 87.1

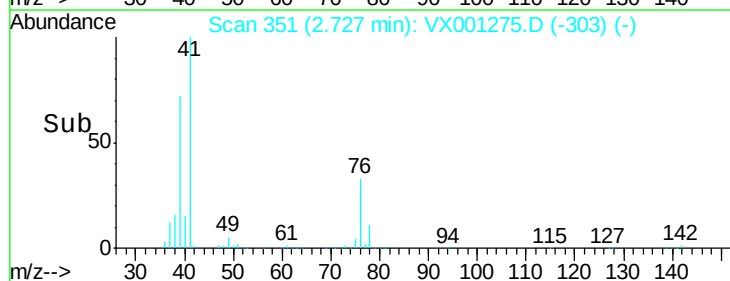
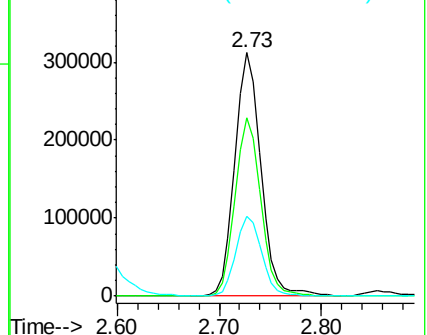
76 32.3 25.1 37.7

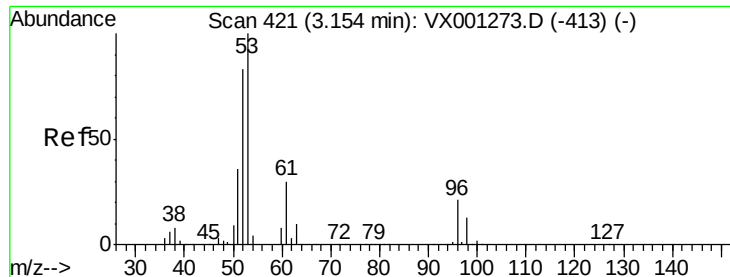


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 624.82 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

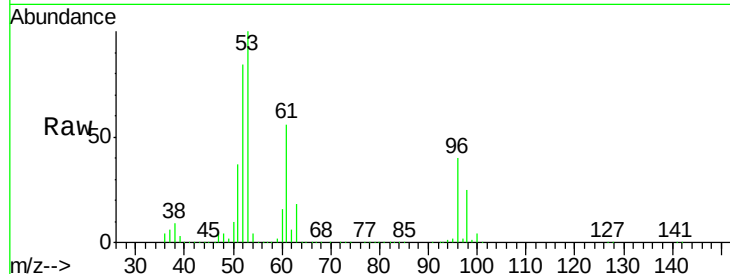
Tgt Ion: 53 Resp: 821263

Ion Ratio Lower Upper

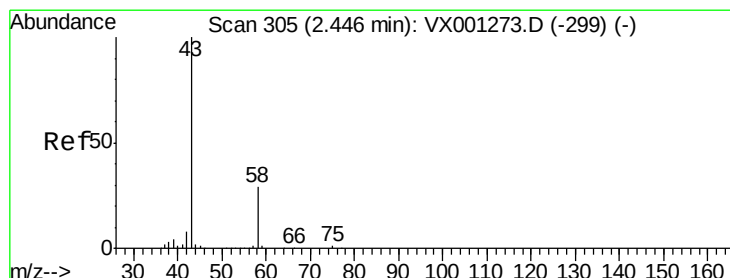
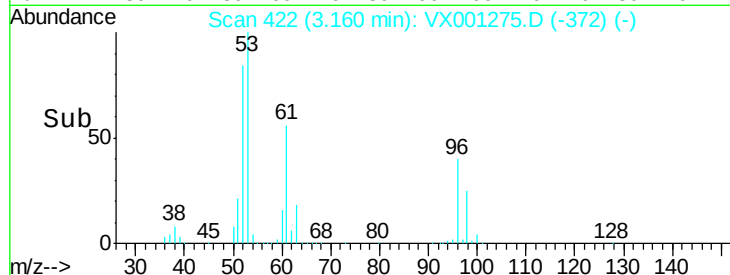
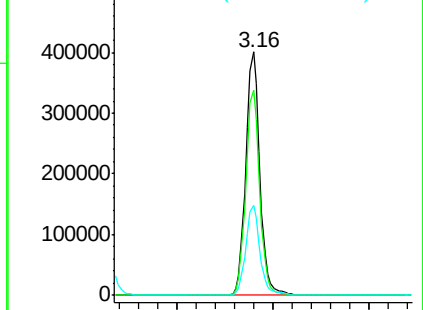
53 100

52 83.5 67.0 100.4

51 37.2 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 655.52 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001275.D

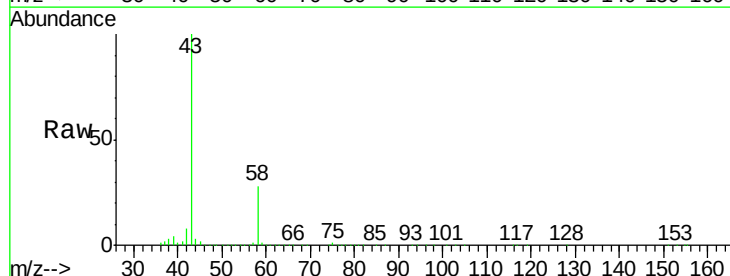
Acq: 01 May 2018 13:11

Tgt Ion: 43 Resp: 855430

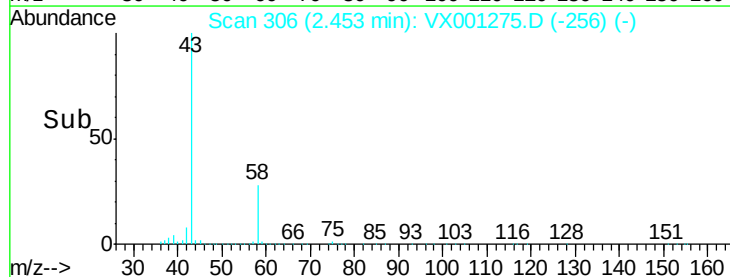
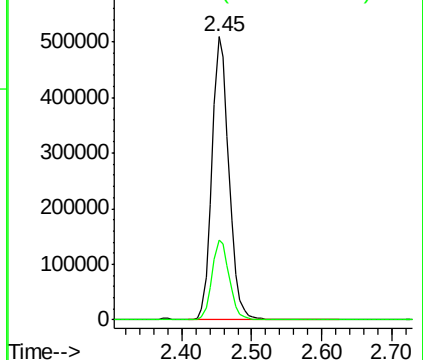
Ion Ratio Lower Upper

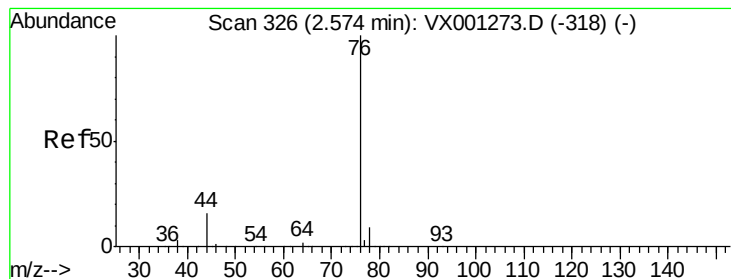
43 100

58 28.3 22.8 34.2



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





#17

Carbon Disulfide

Concen: 154.37 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

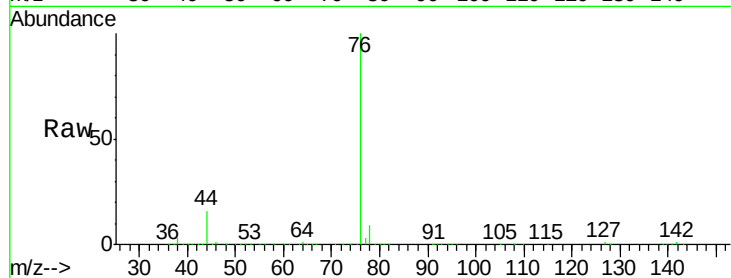
VSTDIC150

Tgt Ion: 76 Resp: 821023

Ion Ratio Lower Upper

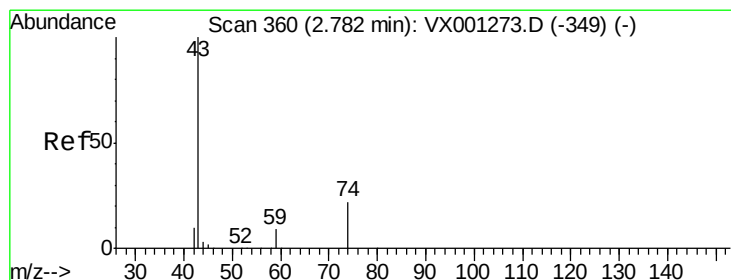
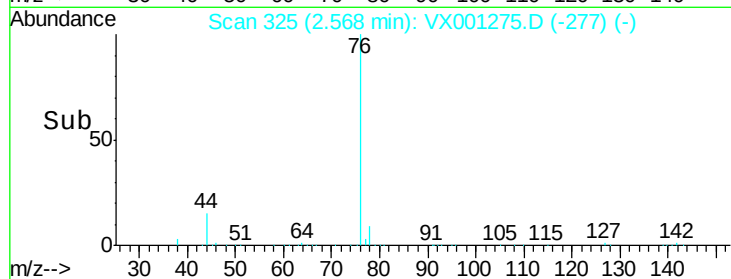
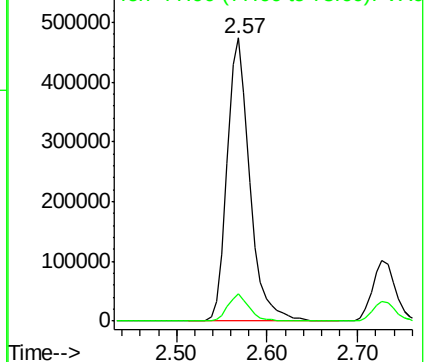
76 100

78 9.5 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 128.40 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001275.D

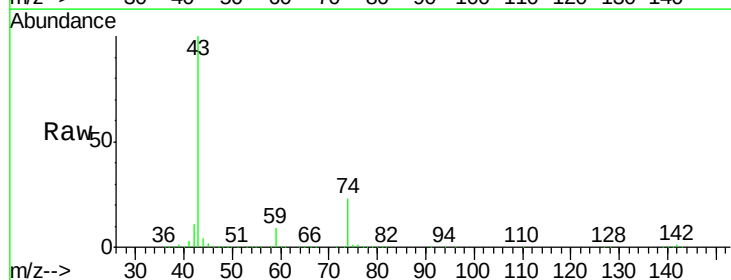
Acq: 01 May 2018 13:11

Tgt Ion: 43 Resp: 413979

Ion Ratio Lower Upper

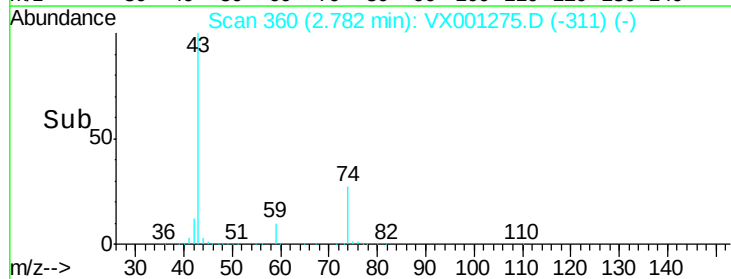
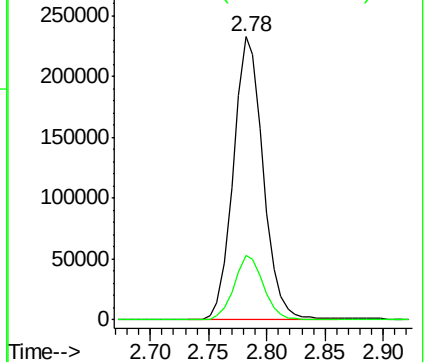
43 100

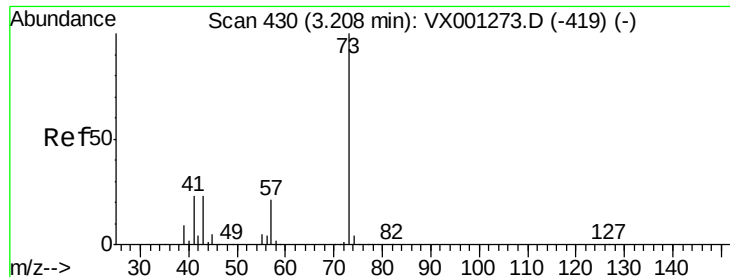
74 22.7 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

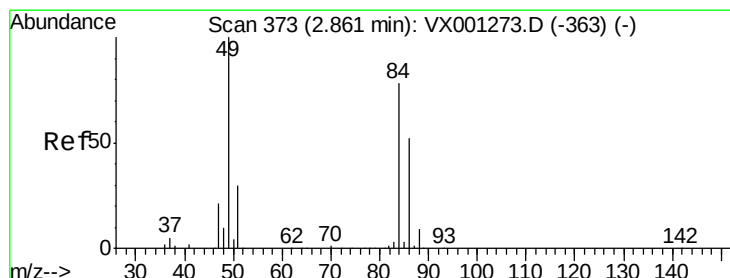
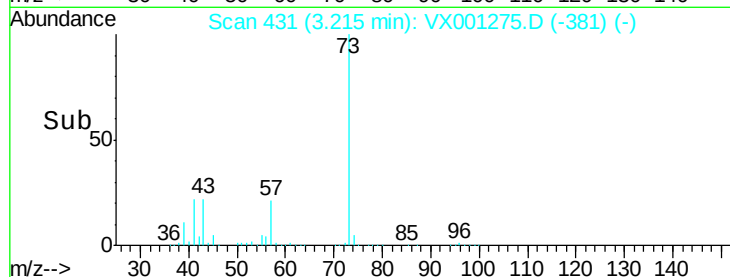
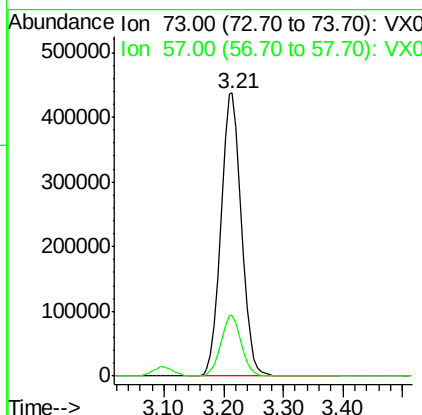
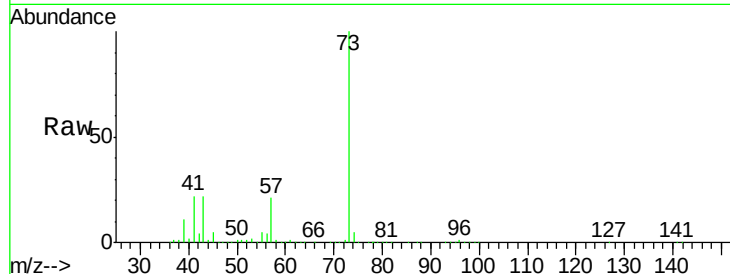




#19
Methyl tert-butyl Ether
Concen: 137.56 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

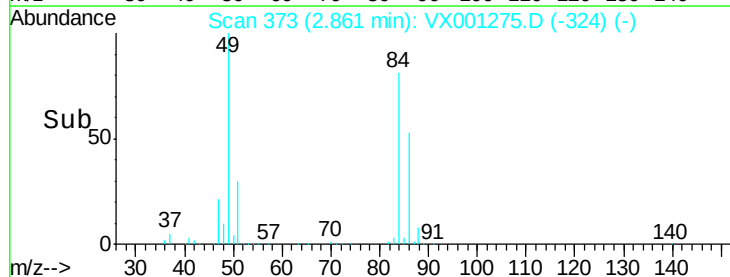
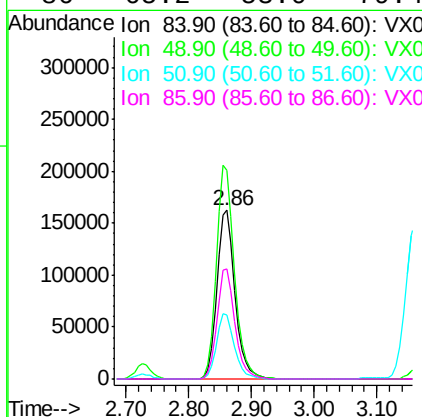
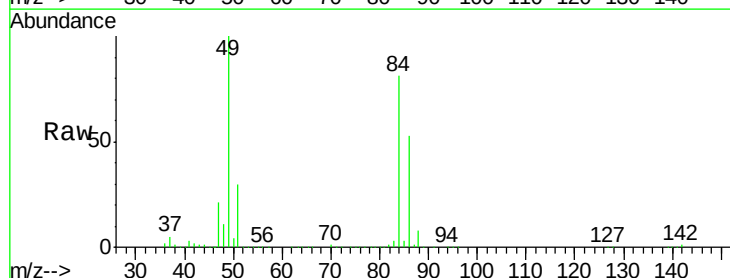
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

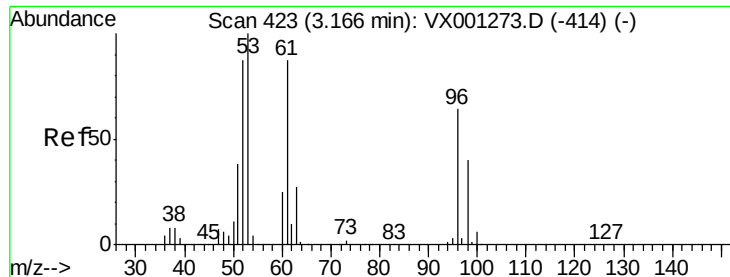
Tgt Ion: 73 Resp: 1042465
Ion Ratio Lower Upper
73 100
57 21.2 16.8 25.2



#20
Methylene Chloride
Concen: 132.24 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

Tgt Ion: 84 Resp: 322586
Ion Ratio Lower Upper
84 100
49 123.6 102.8 154.2
51 37.5 30.9 46.3
86 65.2 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 141.95 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

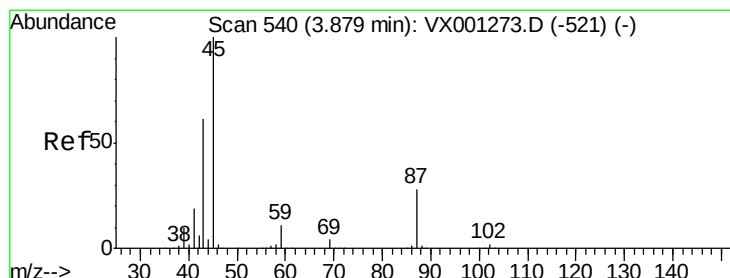
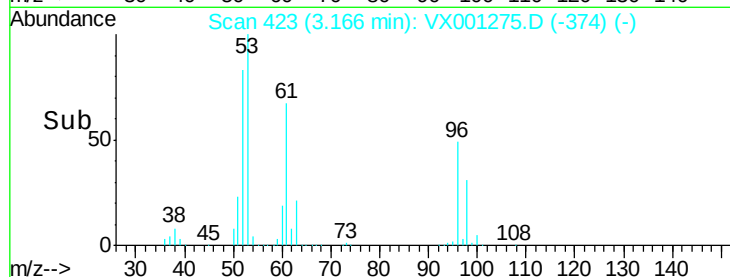
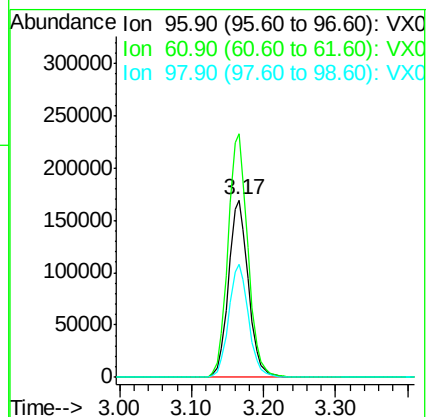
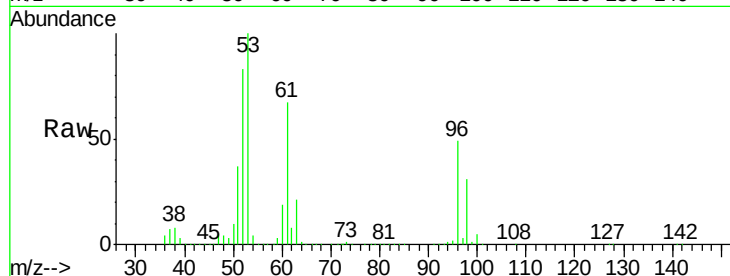
Tgt Ion: 96 Resp: 326079

Ion Ratio Lower Upper

96 100

61 137.1 108.6 162.8

98 63.8 49.7 74.5



#22

Diisopropyl ether

Concen: 143.76 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Tgt Ion: 45 Resp: 1076749

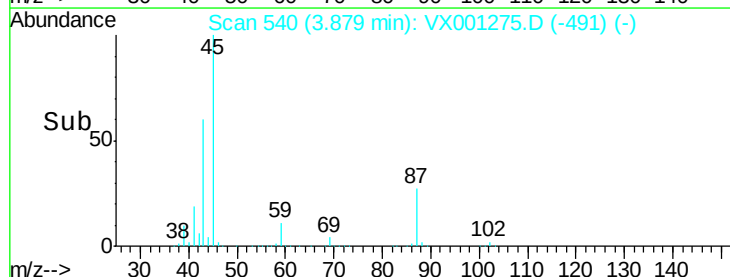
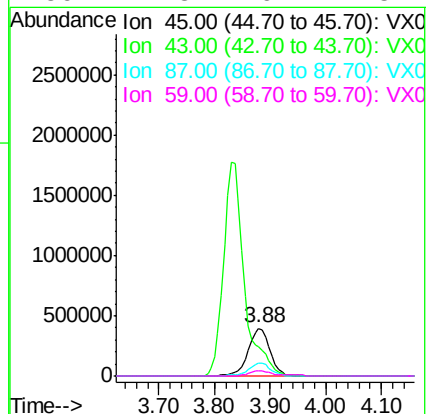
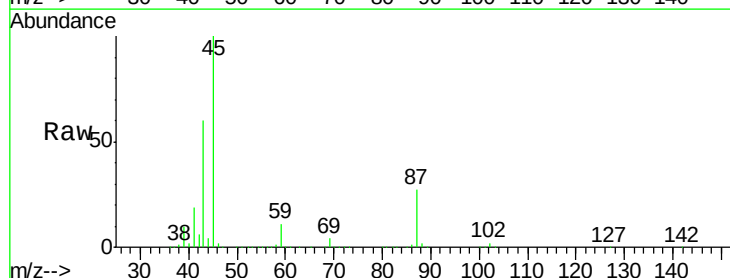
Ion Ratio Lower Upper

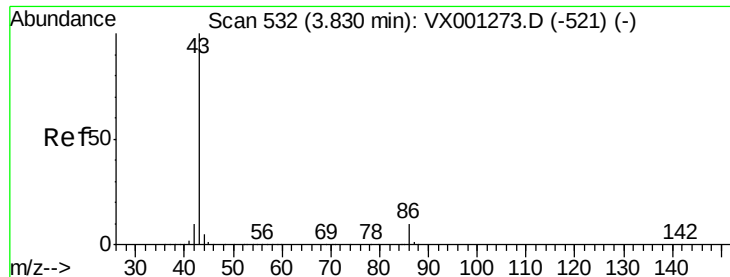
45 100

43 60.4 48.7 73.1

87 27.4 22.2 33.4

59 11.3 9.1 13.7





#23

Vinyl Acetate

Concen: 726.76 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

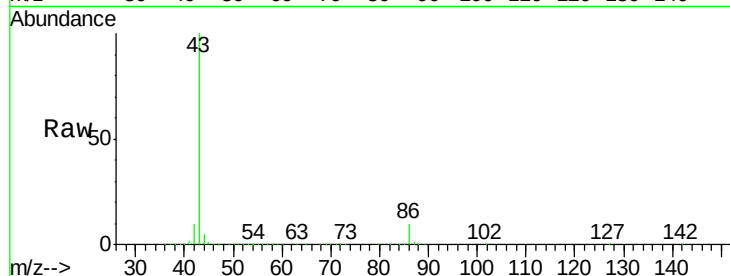
VSTDIC150

Tgt Ion: 43 Resp: 4599482

Ion Ratio Lower Upper

43 100

86 9.9 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

2000000

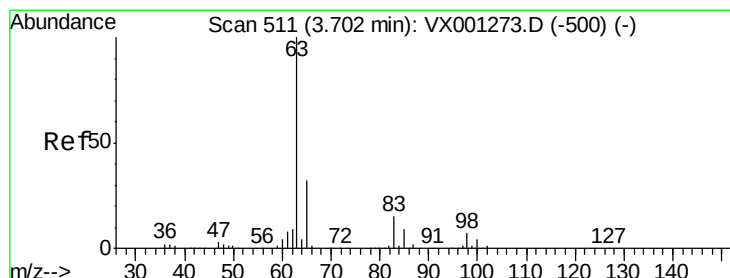
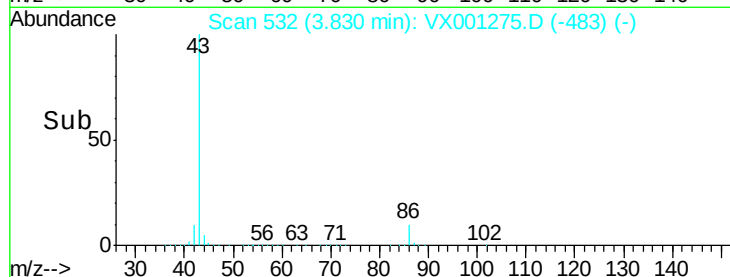
1500000

1000000

500000

0

Time--> 3.60 3.80 4.00 4.20



#24

1,1-Dichloroethane

Concen: 131.74 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

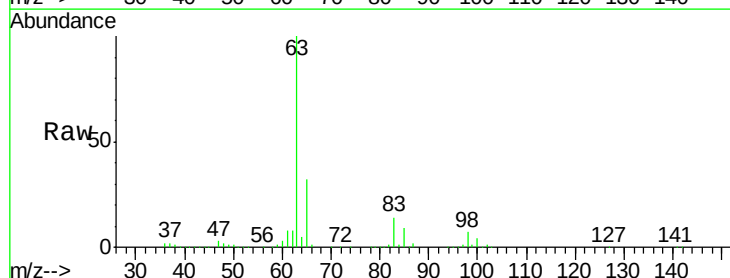
Tgt Ion: 63 Resp: 524619

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 4.3 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

300000

250000

200000

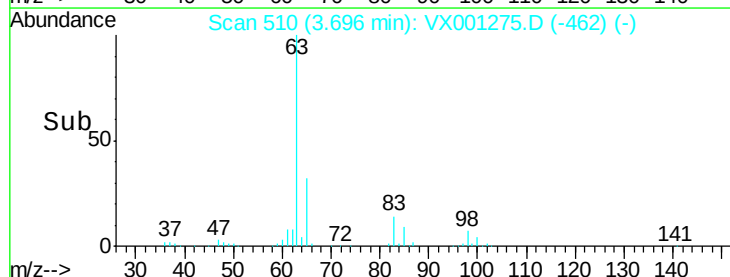
150000

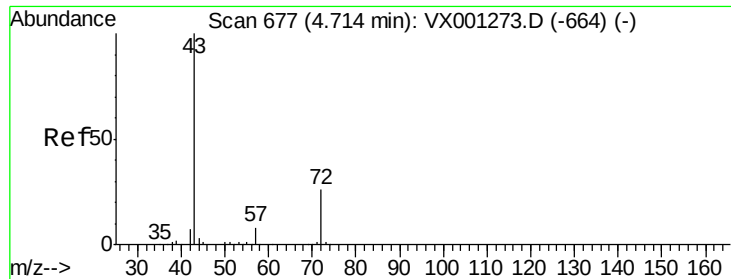
100000

50000

0

Time--> 3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 613.16 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

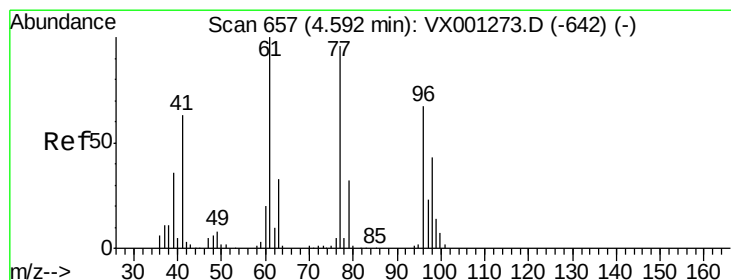
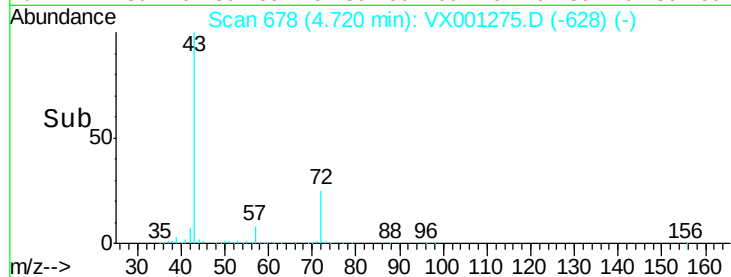
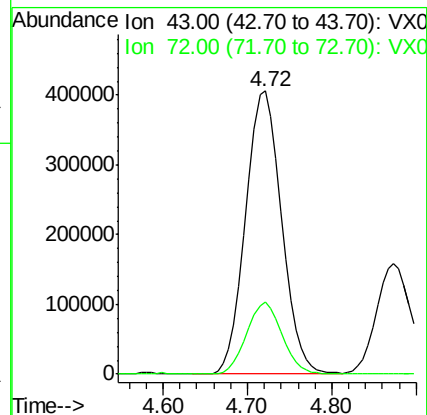
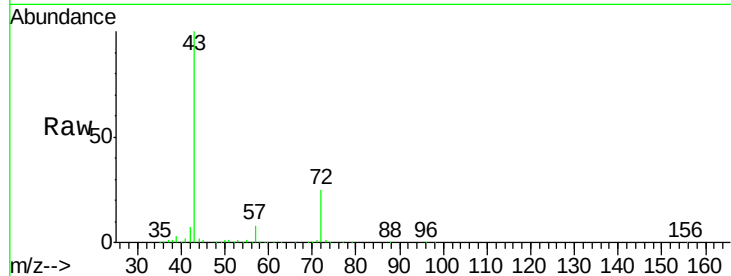
VSTDIC150

Tgt Ion: 43 Resp: 1176758

Ion Ratio Lower Upper

43 100

72 25.2 20.5 30.7



#26

2,2-Dichloropropane

Concen: 157.87 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001275.D

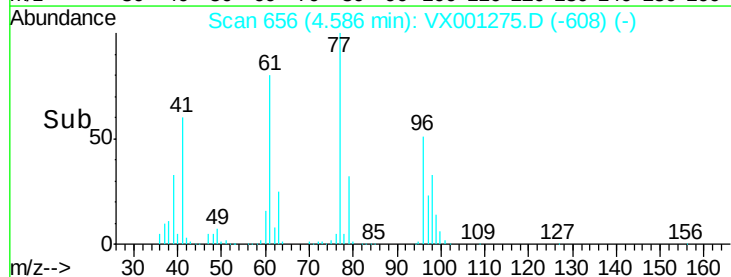
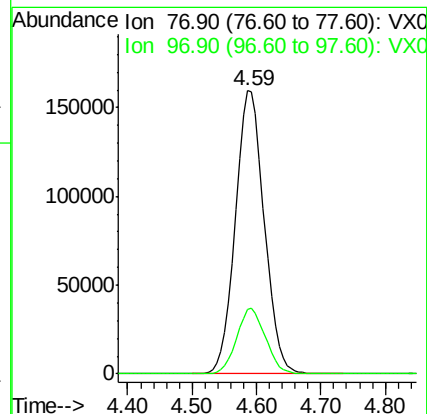
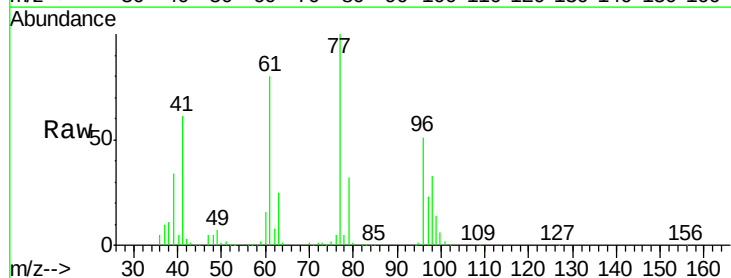
Acq: 01 May 2018 13:11

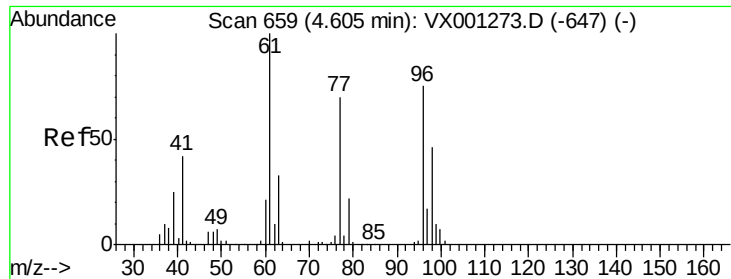
Tgt Ion: 77 Resp: 497773

Ion Ratio Lower Upper

77 100

97 23.0 11.8 35.3



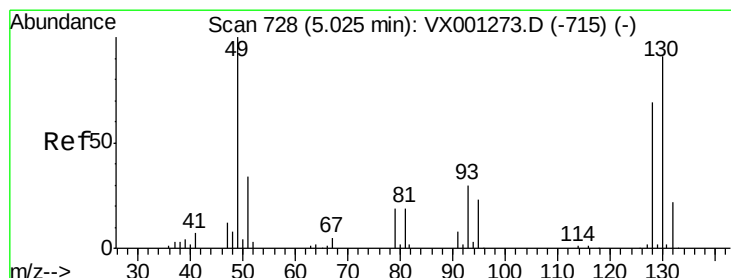
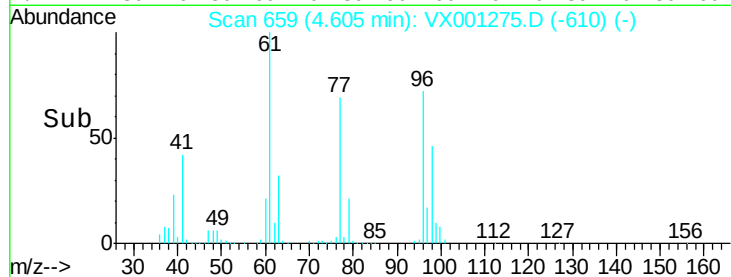
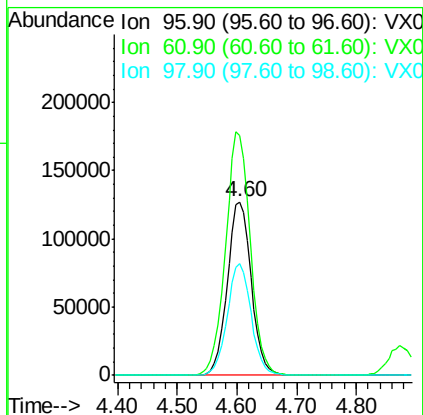
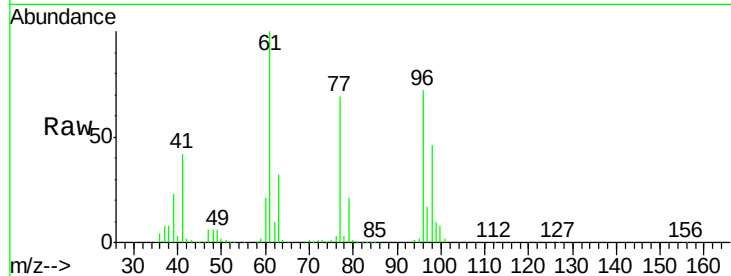


#27

cis-1,2-Dichloroethene
 Concen: 141.36 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001275.D
 Acq: 01 May 2018 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

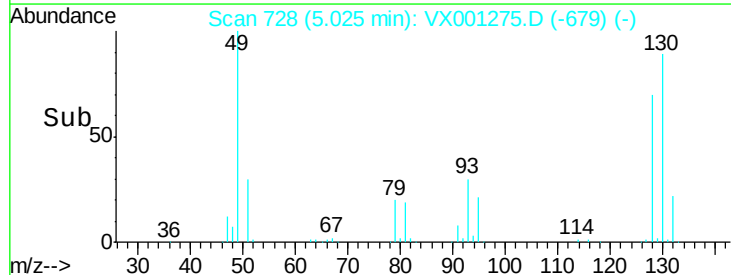
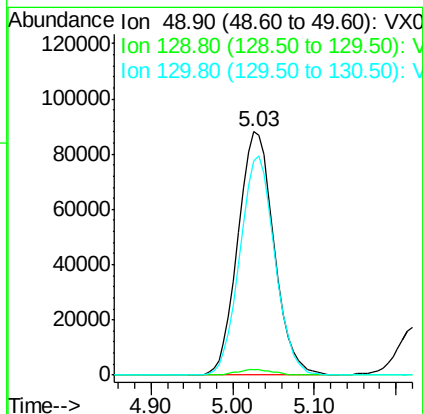
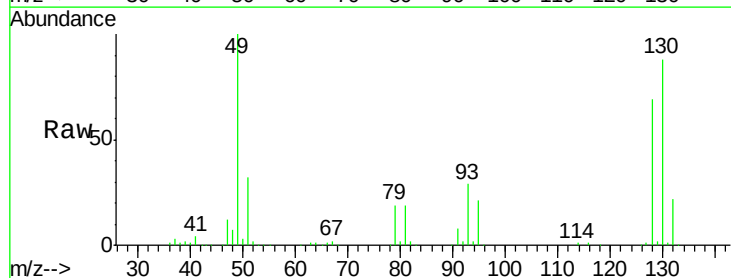
Tgt Ion: 96 Resp: 353530
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 288.0
 98 64.4 0.0 130.2

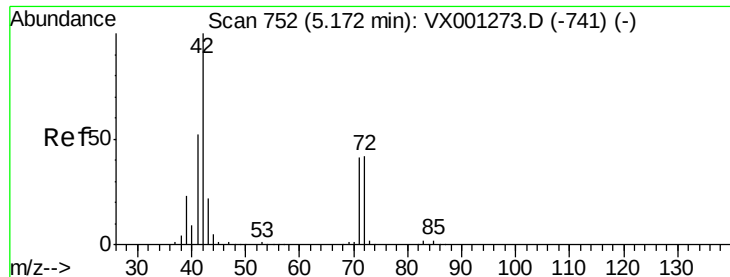


#28

Bromochloromethane
 Concen: 151.58 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001275.D
 Acq: 01 May 2018 13:11

Tgt Ion: 49 Resp: 271055
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 87.6 70.4 105.6





#29

Tetrahydrofuran

Concen: 598.02 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

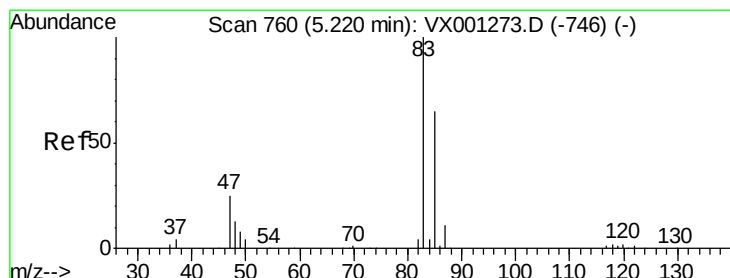
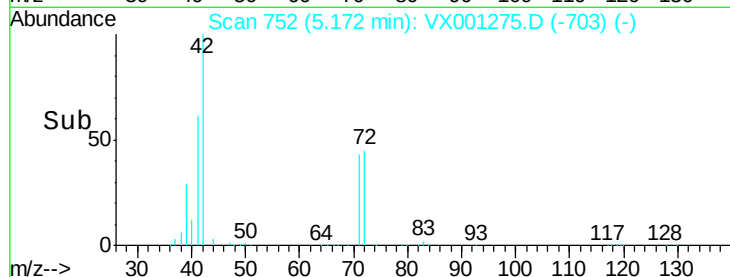
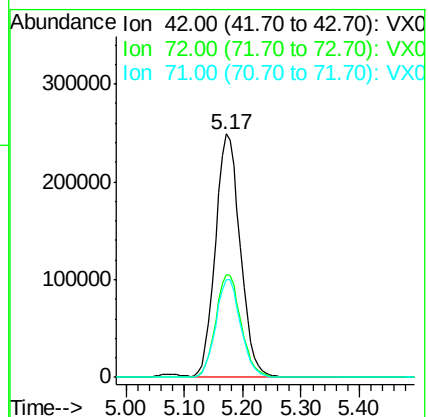
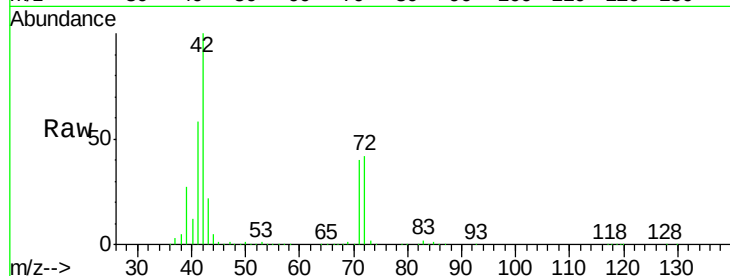
Tgt Ion: 42 Resp: 733596

Ion Ratio Lower Upper

42 100

72 43.3 34.6 52.0

71 40.4 32.7 49.1



#30

Chloroform

Concen: 144.15 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX001275.D

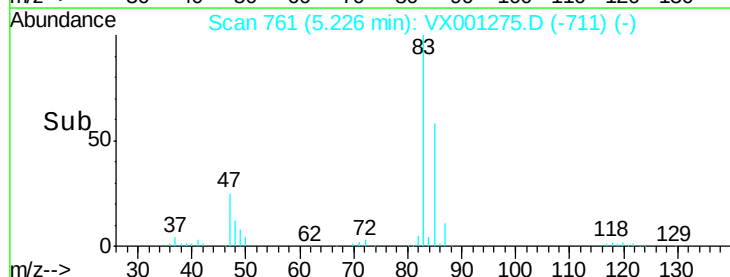
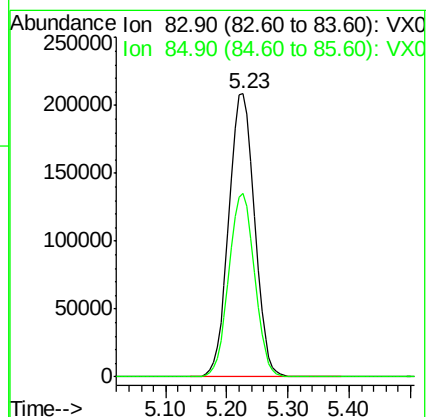
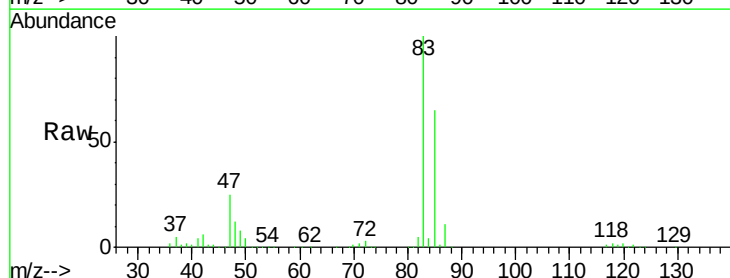
Acq: 01 May 2018 13:11

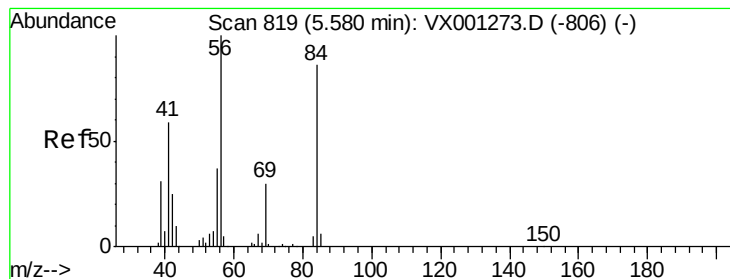
Tgt Ion: 83 Resp: 607562

Ion Ratio Lower Upper

83 100

85 65.0 52.2 78.2





#31

Cyclohexane

Concen: 147.35 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

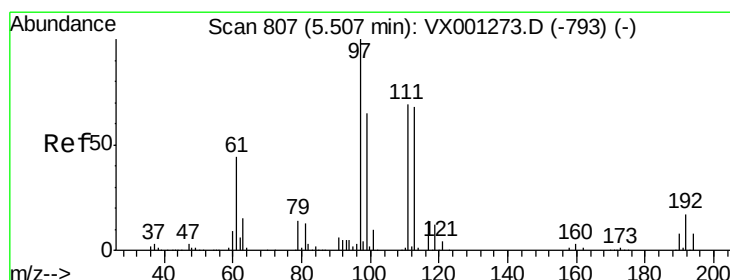
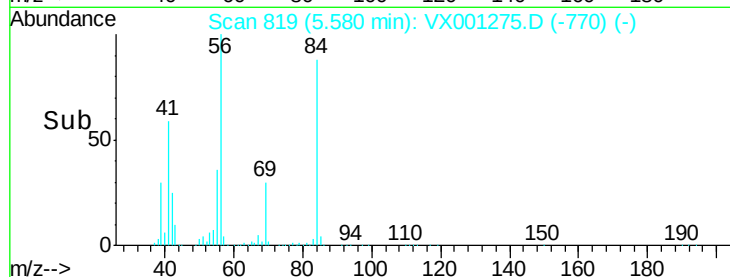
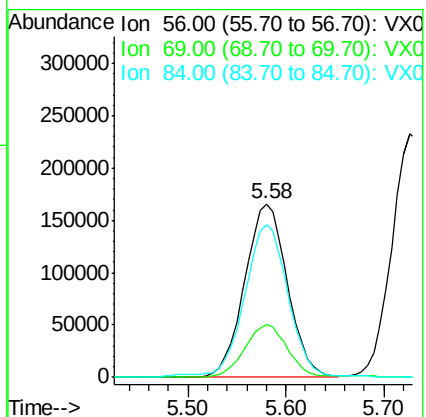
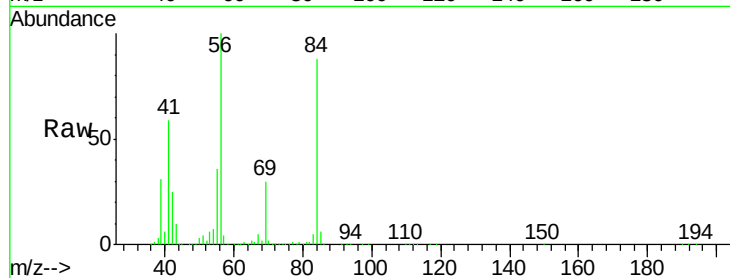
Tgt Ion: 56 Resp: 503666

Ion Ratio Lower Upper

56 100

69 30.2 24.0 36.0

84 86.9 69.0 103.4



#32

1,1,1-Trichloroethane

Concen: 153.09 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

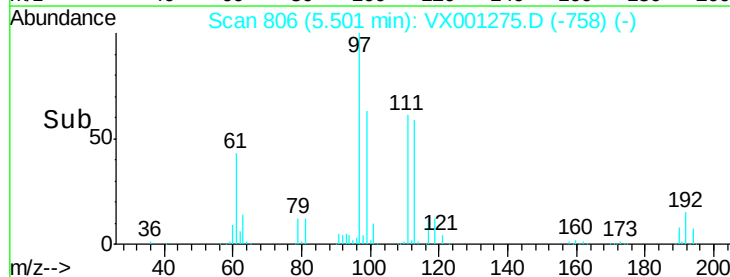
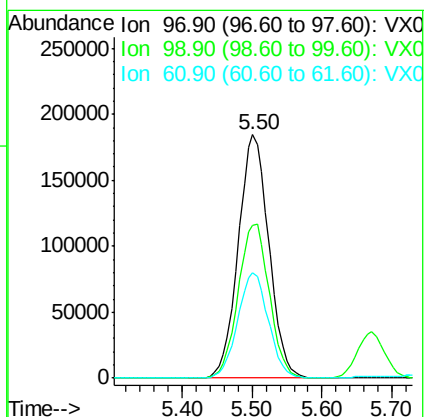
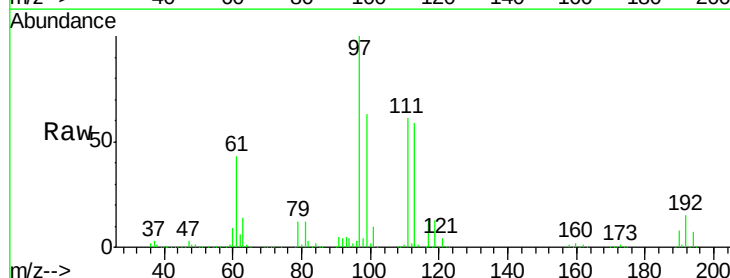
Tgt Ion: 97 Resp: 559426

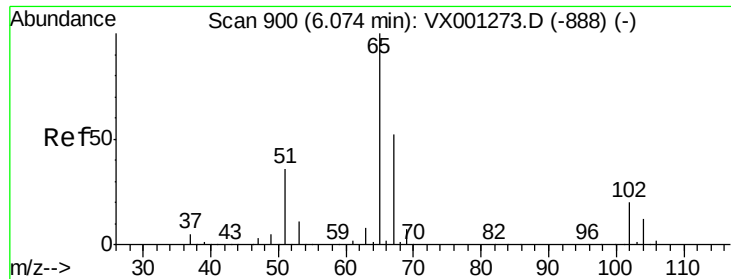
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.6

61 43.7 35.4 53.2

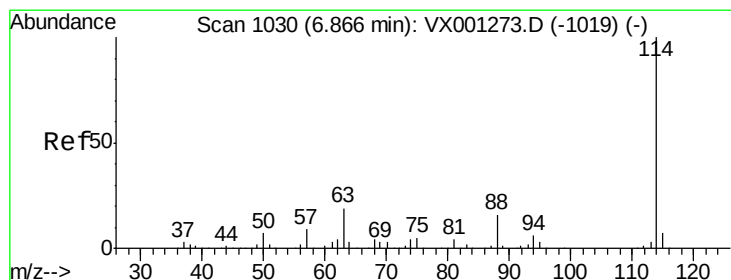
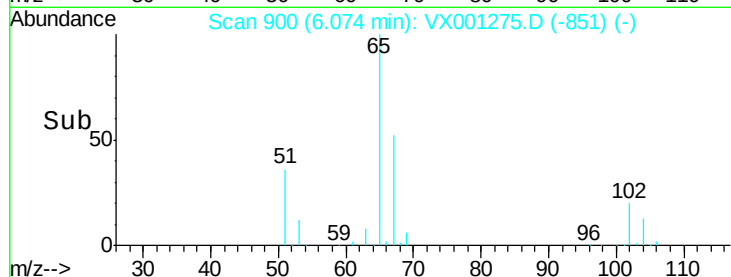
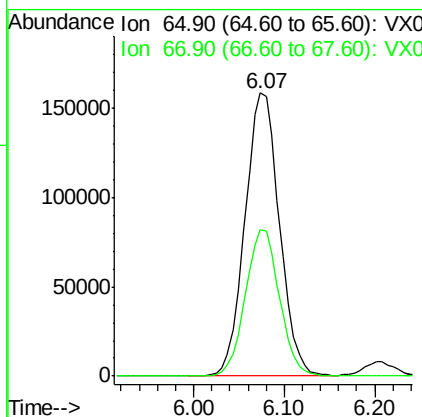
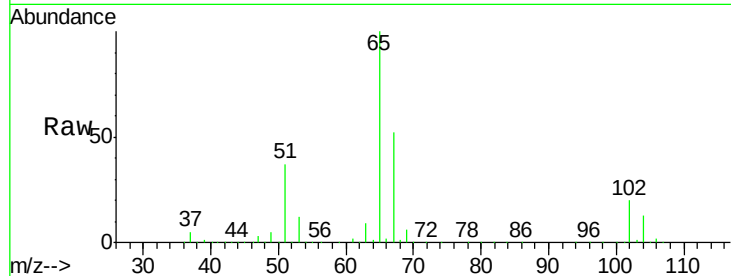




#33
 1,2-Dichloroethane-d4
 Concen: 132.09 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001275.D
 Acq: 01 May 2018 13:11

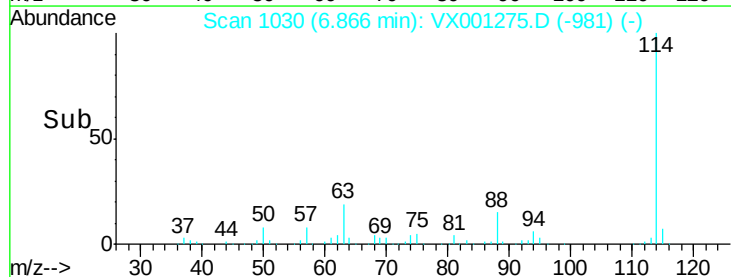
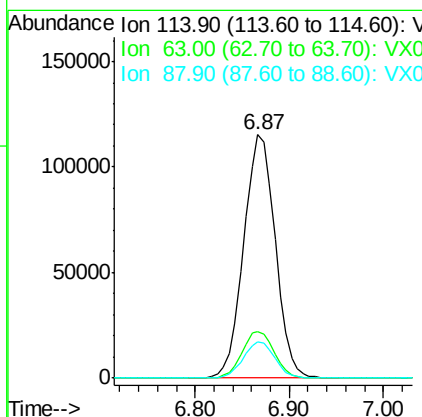
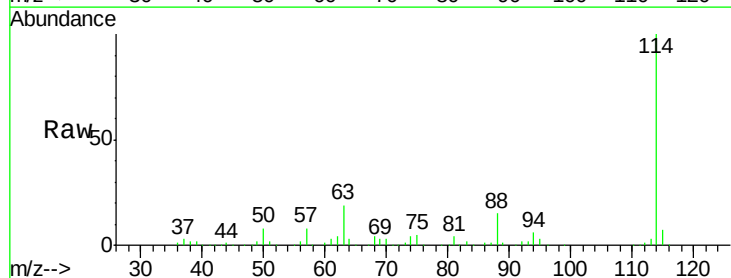
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

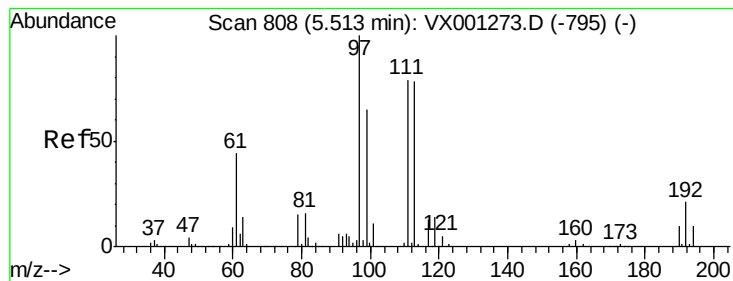
Tgt Ion: 65 Resp: 416520
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001275.D
 Acq: 01 May 2018 13:11

Tgt Ion: 114 Resp: 269443
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.8
 88 14.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 158.23 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

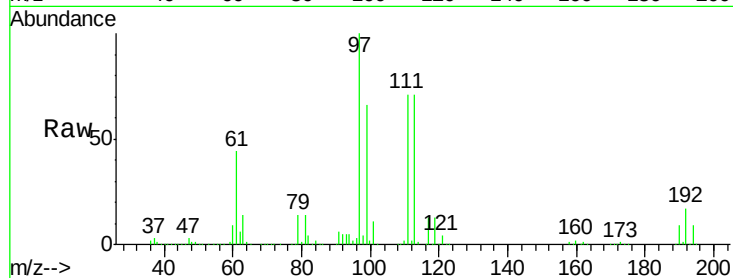
Tgt Ion:113 Resp: 354416

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

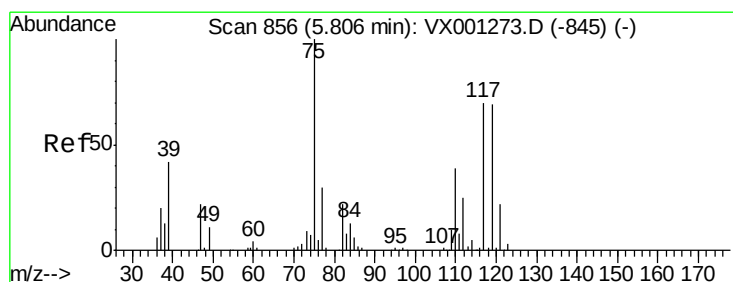
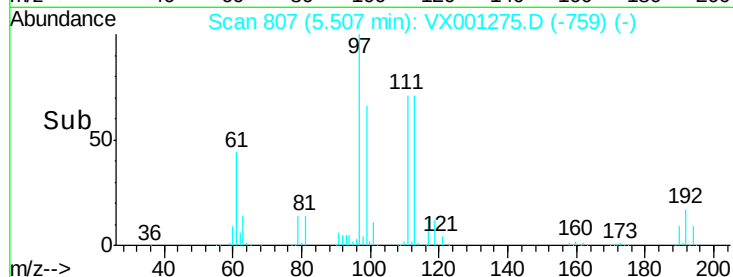
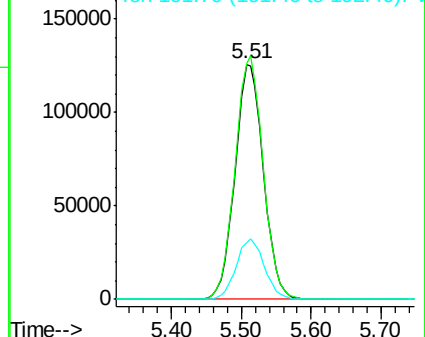
192 25.5 20.7 31.1



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: 150.33 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

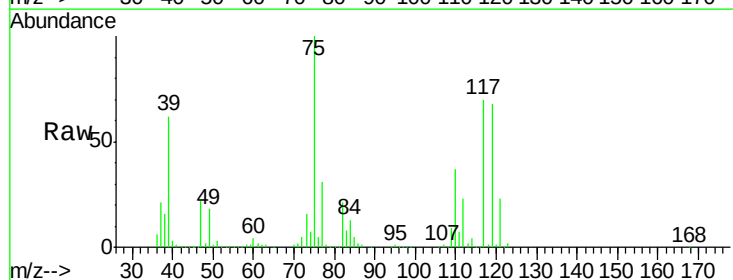
Tgt Ion: 75 Resp: 450500

Ion Ratio Lower Upper

75 100

110 37.7 18.9 56.9

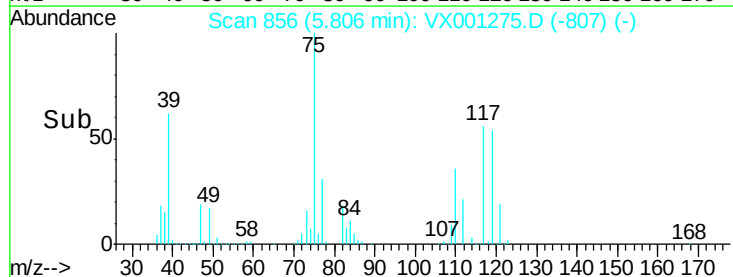
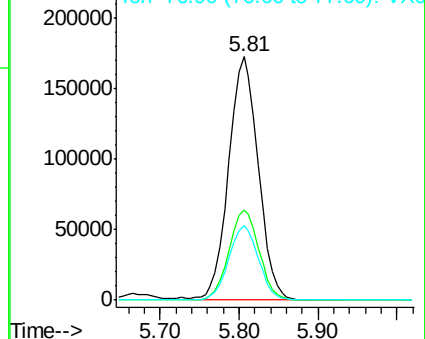
77 31.3 24.2 36.2

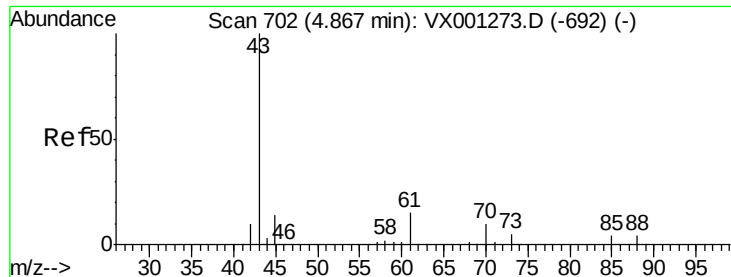


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

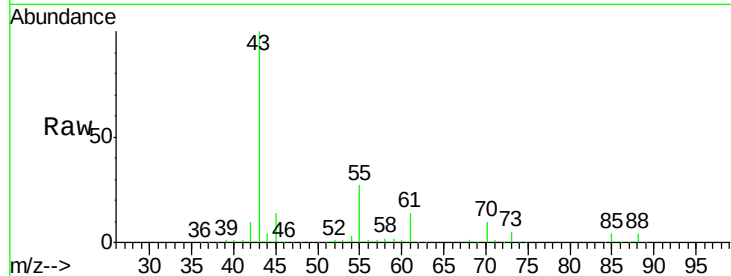




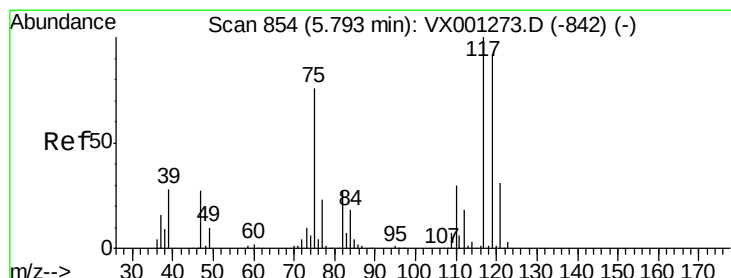
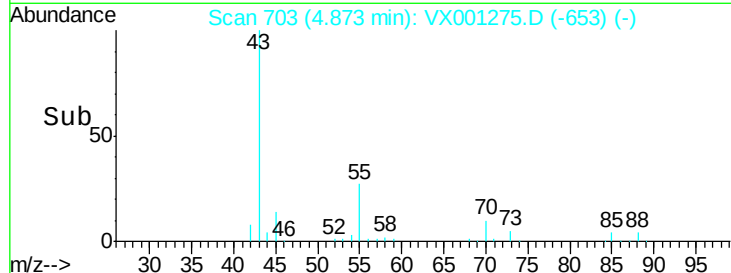
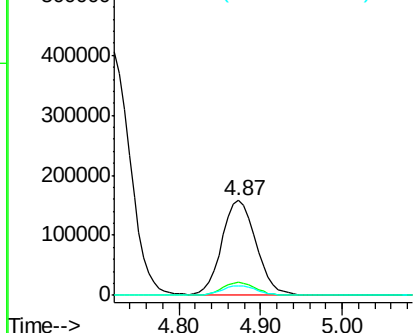
#37
Ethyl Acetate
Concen: 131.67 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 460048
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.2 8.0 12.0

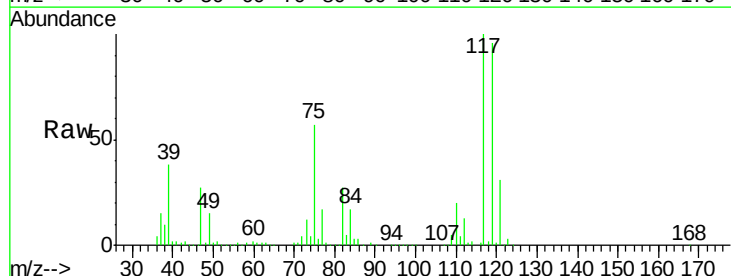


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

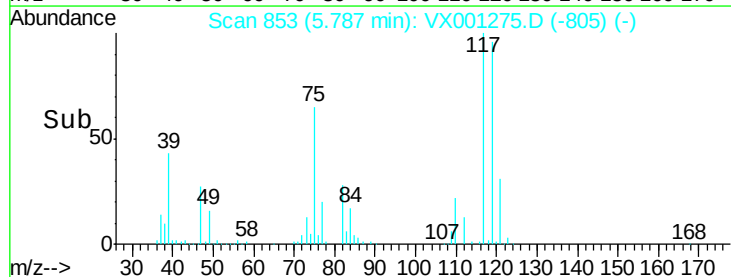
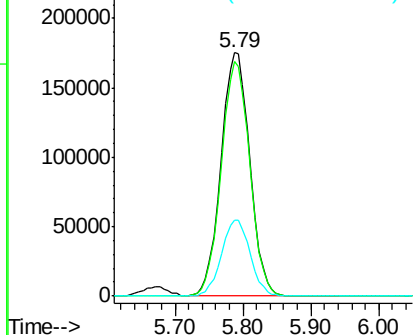


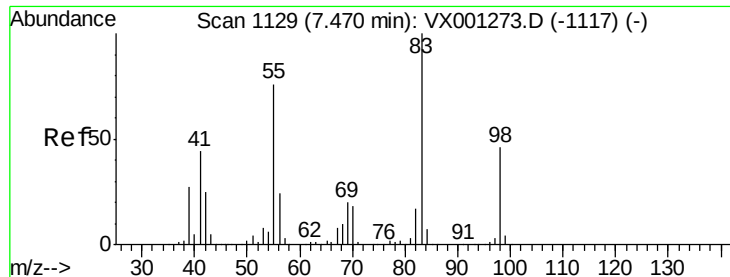
#38
Carbon Tetrachloride
Concen: 166.13 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

Tgt Ion: 117 Resp: 512674
Ion Ratio Lower Upper
117 100
119 96.4 73.4 110.2
121 31.2 25.0 37.4



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

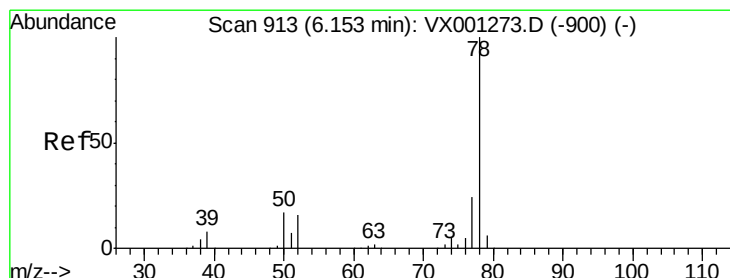
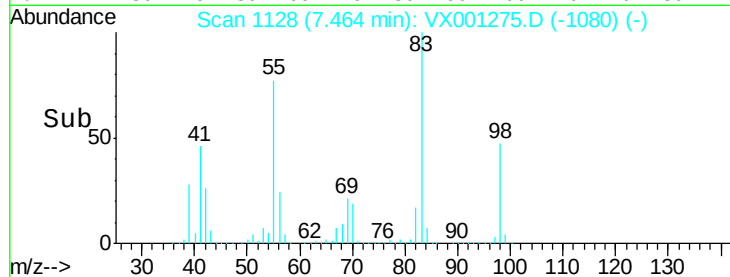
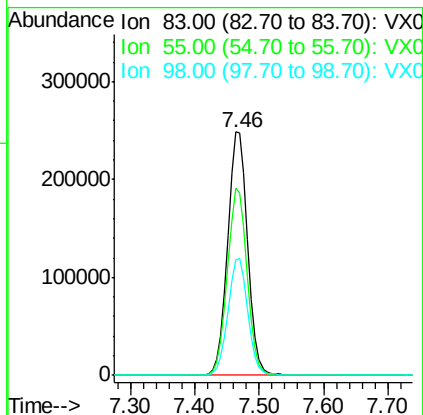
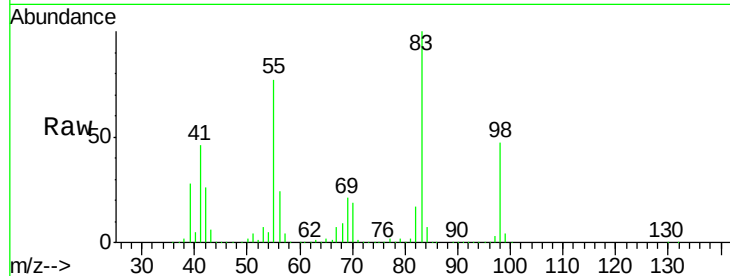




#39
Methylcyclohexane
Concen: 162.35 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

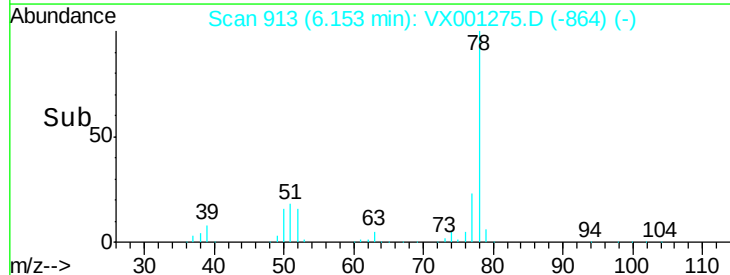
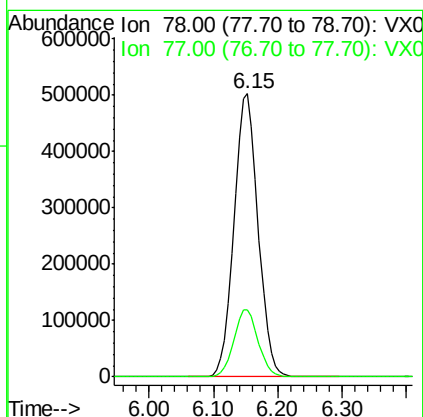
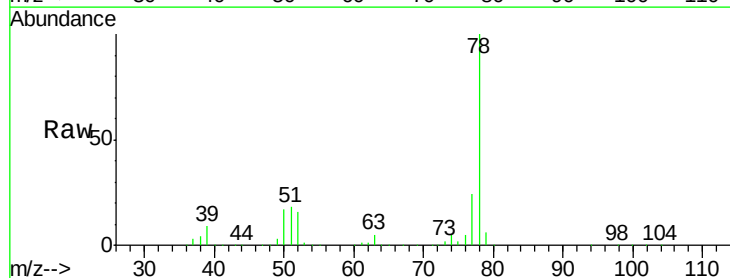
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

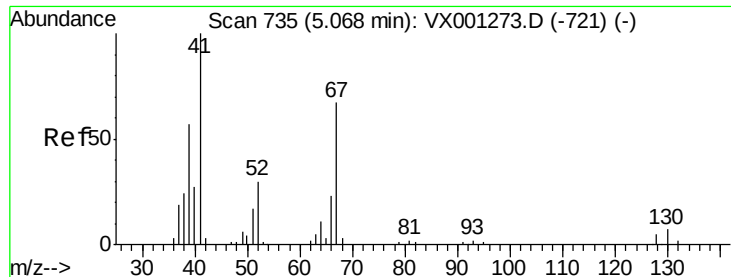
Tgt Ion: 83 Resp: 545739
Ion Ratio Lower Upper
83 100
55 76.9 60.4 90.6
98 47.5 37.0 55.6



#40
Benzene
Concen: 151.15 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

Tgt Ion: 78 Resp: 1304667
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

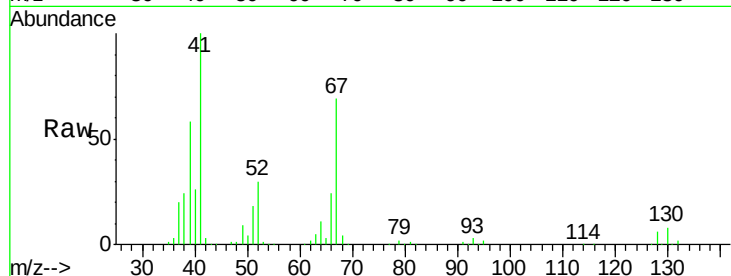




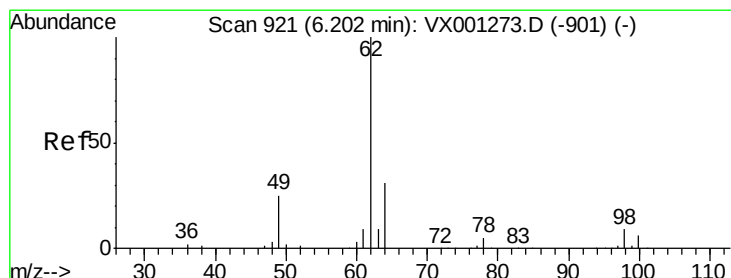
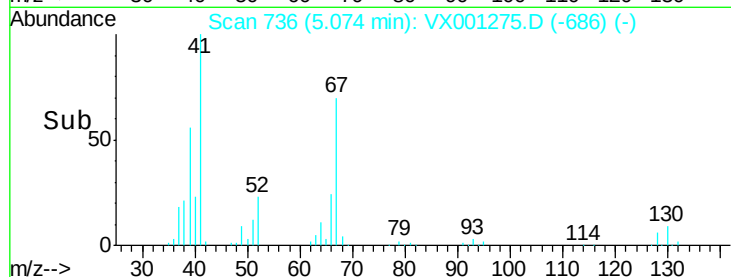
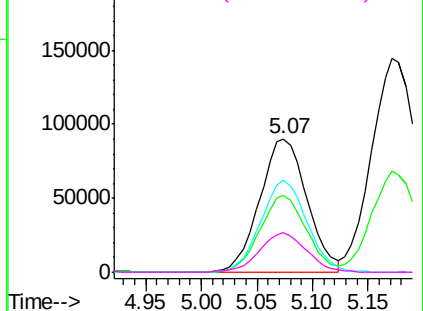
#41
Methacrylonitrile
Concen: 135.46 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:	41	Resp:	265873
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.8	68.8
67	68.1	54.8	82.2
52	29.3	24.6	37.0

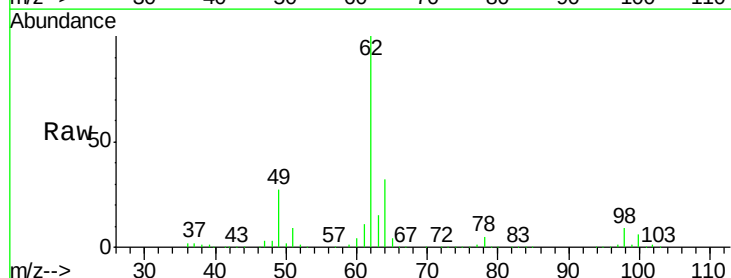


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

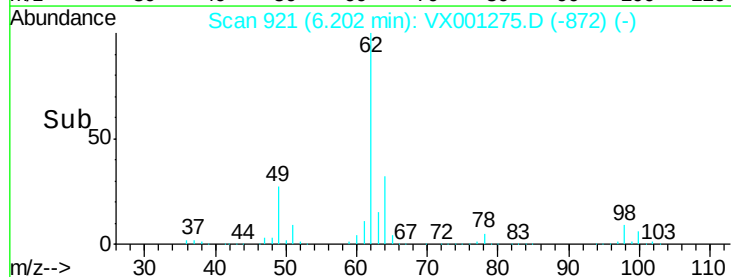
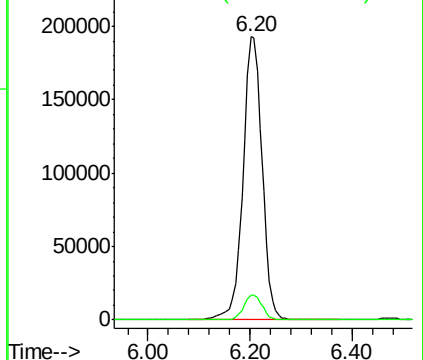


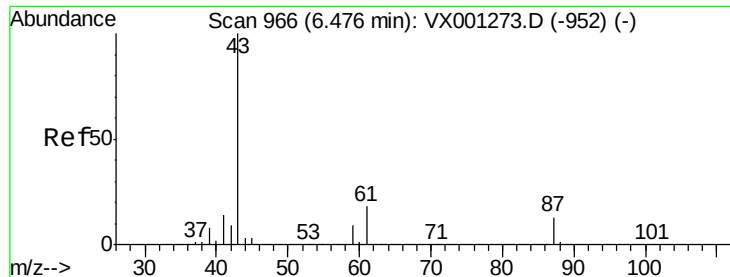
#42
1,2-Dichloroethane
Concen: 145.13 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

Tgt Ion:	62	Resp:	499680
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 144.62 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

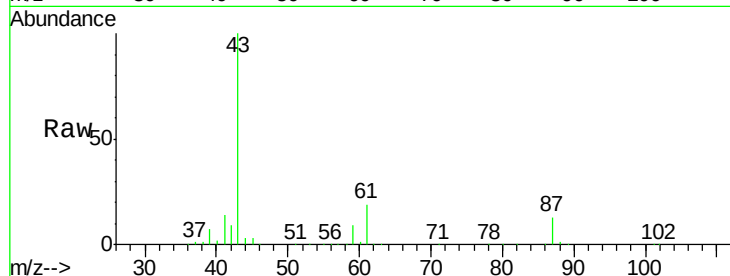
Tgt Ion: 43 Resp: 797521

Ion Ratio Lower Upper

43 100

61 18.8 15.0 22.4

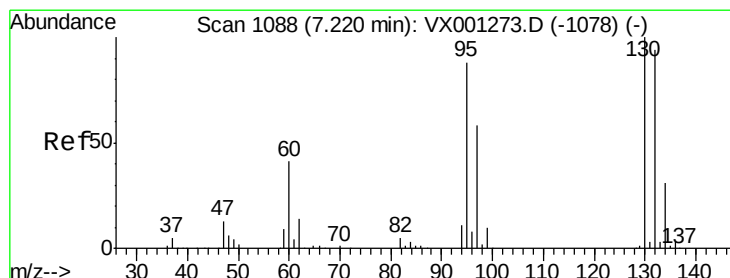
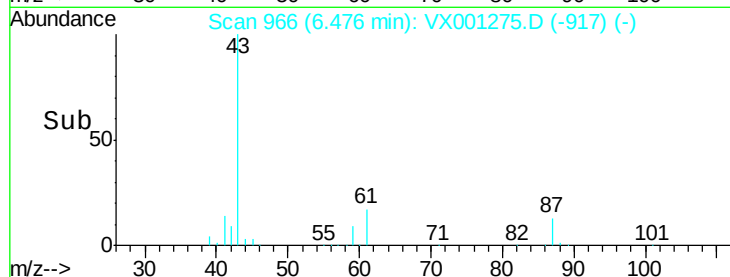
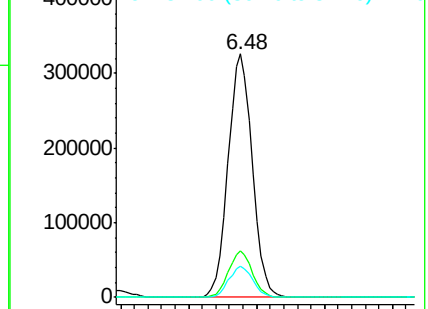
87 12.9 10.2 15.4



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: 152.17 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001275.D

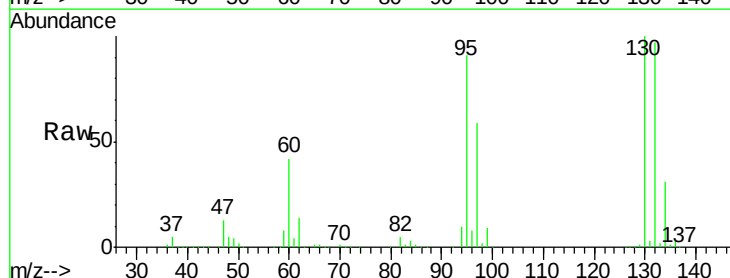
Acq: 01 May 2018 13:11

Tgt Ion: 130 Resp: 393038

Ion Ratio Lower Upper

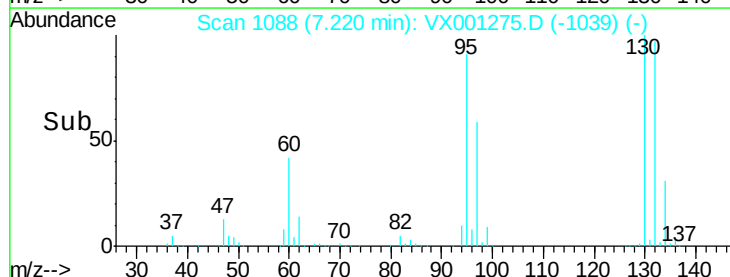
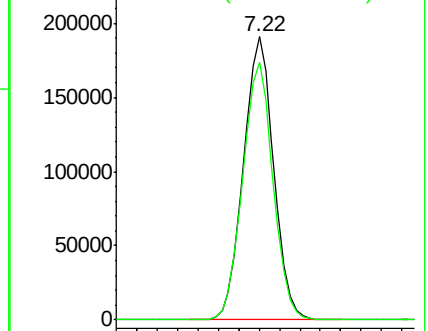
130 100

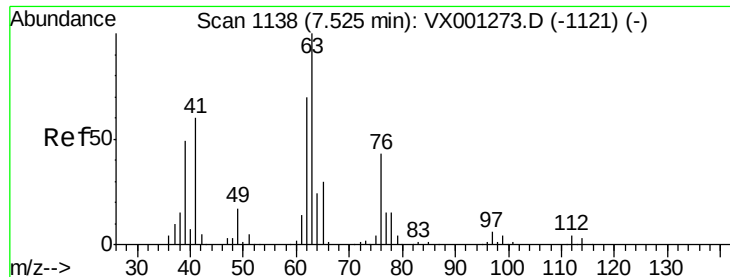
95 91.0 0.0 176.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

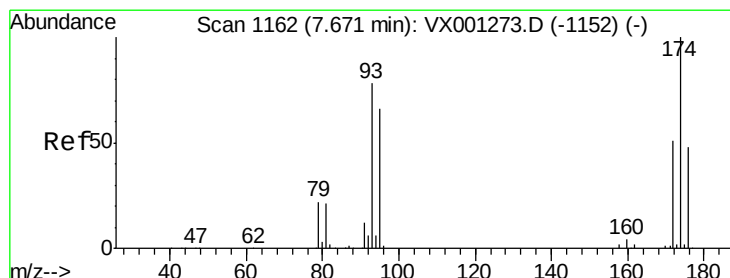
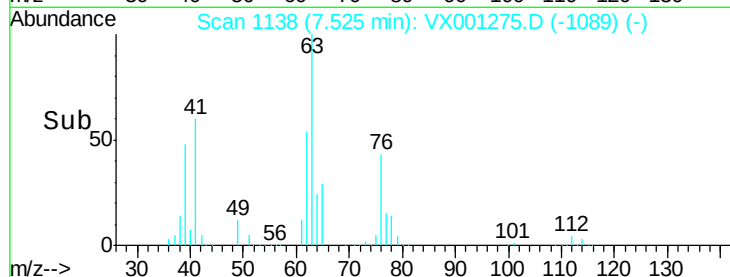
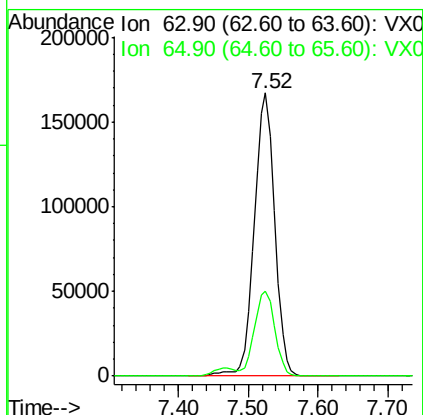
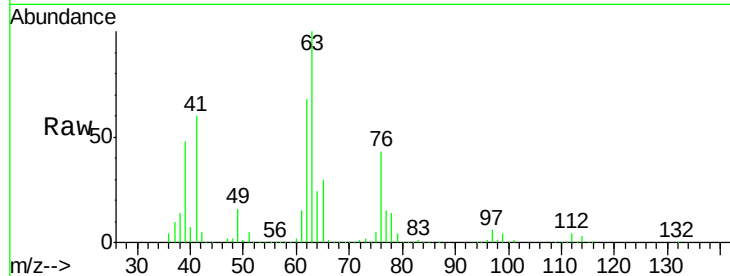




#45
 1,2-Dichloropropane
 Concen: 149.64 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001275.D
 Acq: 01 May 2018 13:11

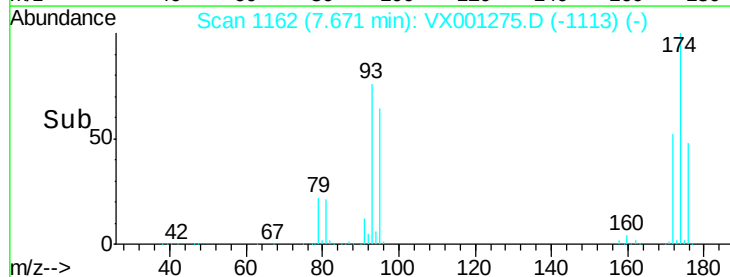
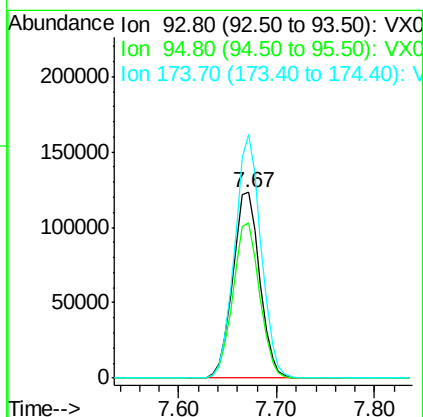
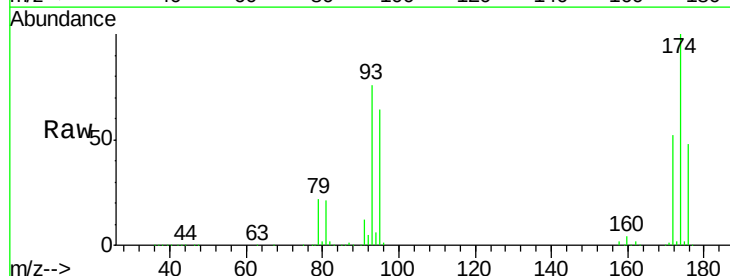
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

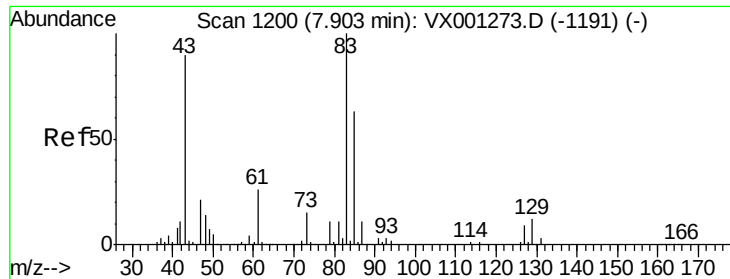
Tgt Ion: 63 Resp: 338143
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.2 36.4



#46
 Dibromomethane
 Concen: 150.94 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001275.D
 Acq: 01 May 2018 13:11

Tgt Ion: 93 Resp: 236044
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.0 100.6
 174 127.0 102.3 153.5





#47

Bromodichloromethane

Concen: 166.59 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

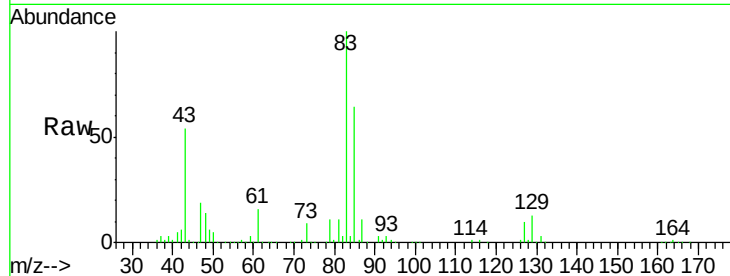
Tgt Ion: 83 Resp: 473843

Ion Ratio Lower Upper

83 100

85 64.2 50.3 75.5

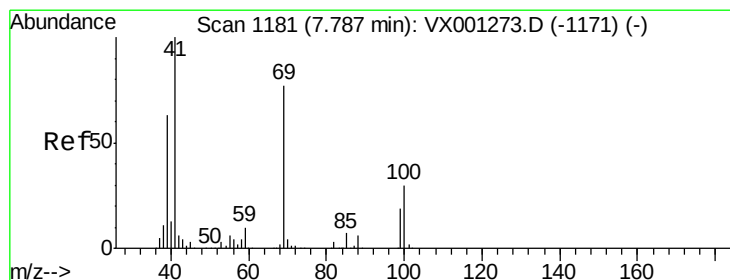
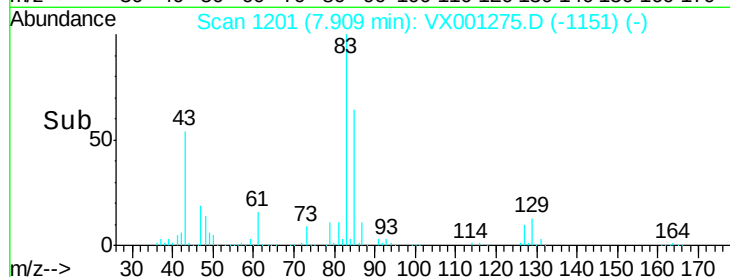
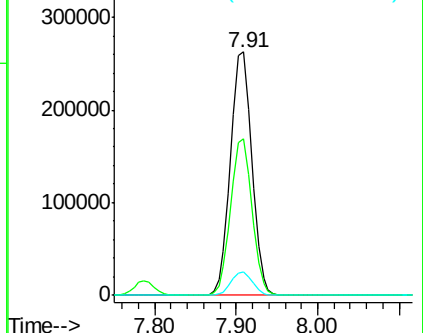
127 9.6 7.4 11.2



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: 145.44 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

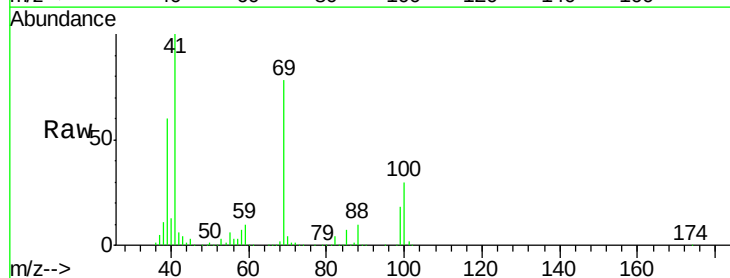
Tgt Ion: 41 Resp: 425719

Ion Ratio Lower Upper

41 100

69 77.6 63.0 94.6

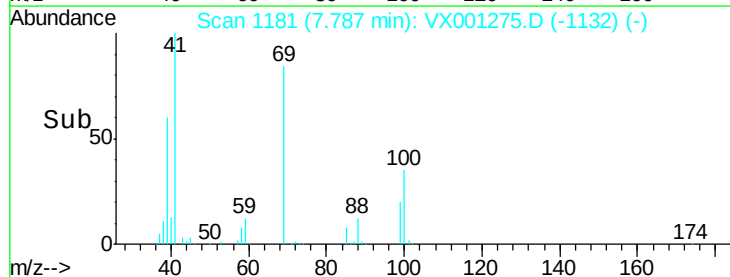
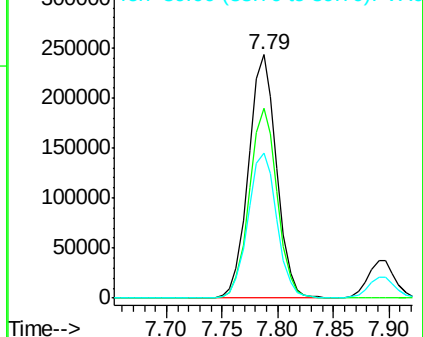
39 61.3 50.2 75.4

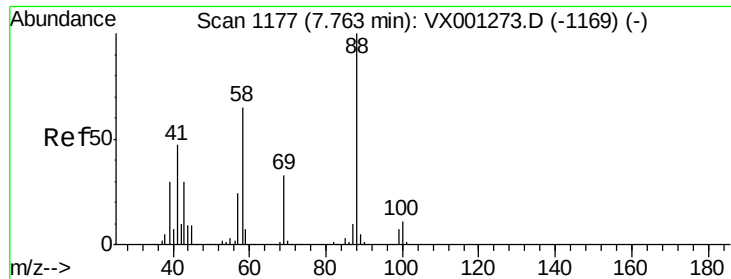


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

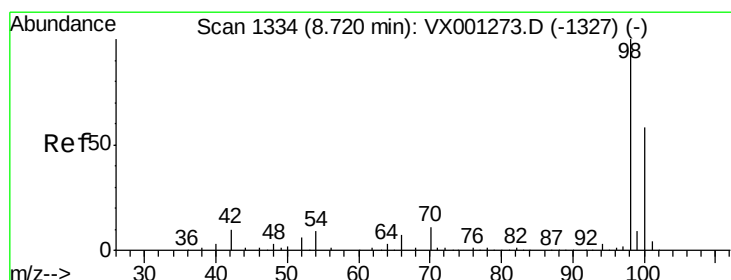
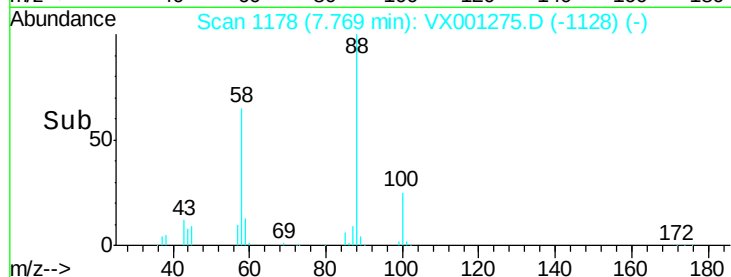
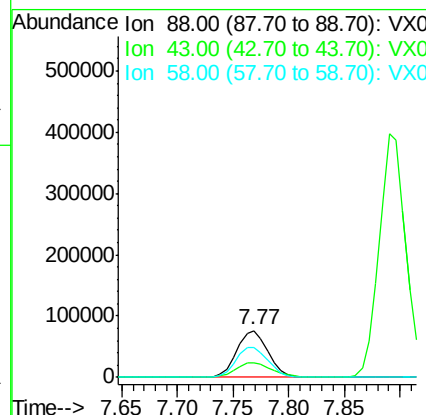
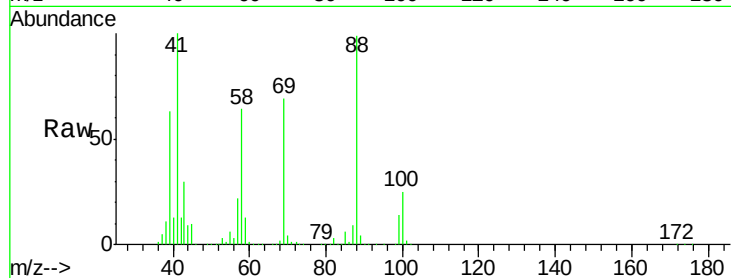




#49
1,4-Dioxane
Concen: 2545.52 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

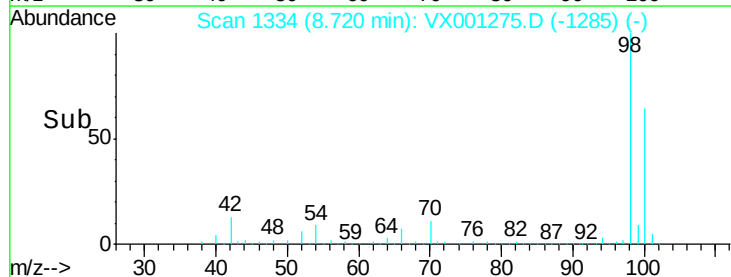
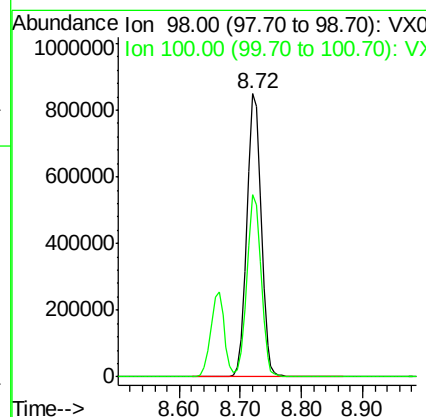
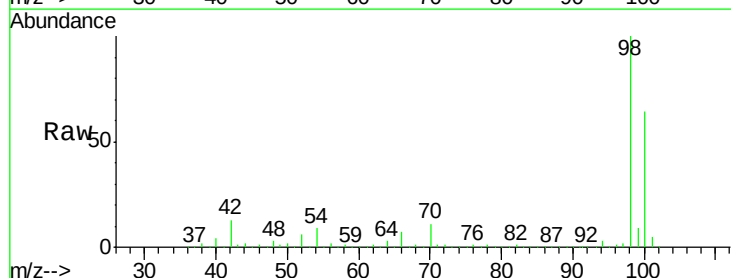
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

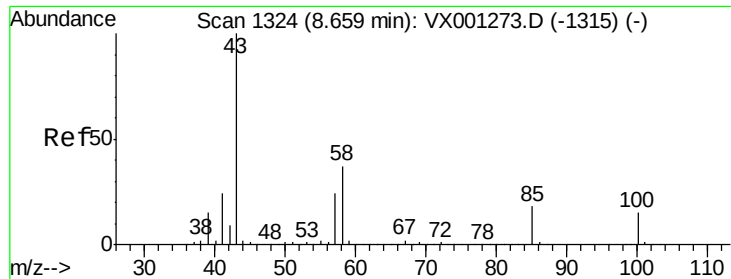
Tgt Ion: 88 Resp: 147444
Ion Ratio Lower Upper
88 100
43 35.2 27.9 41.9
58 67.6 54.2 81.2



#50
Toluene-d8
Concen: 160.06 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

Tgt Ion: 98 Resp: 1357089
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.4





#51

4-Methyl-2-Pentanone

Concen: 726.79 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

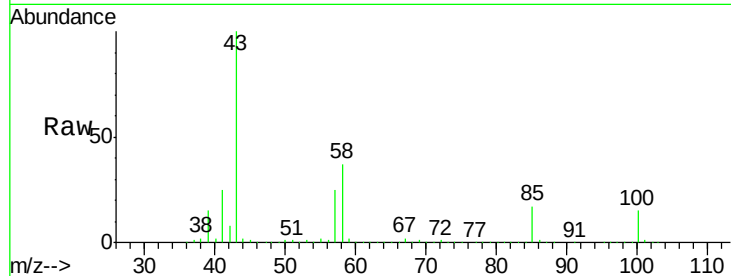
VSTDIC150

Tgt Ion: 43 Resp: 2625996

Ion Ratio Lower Upper

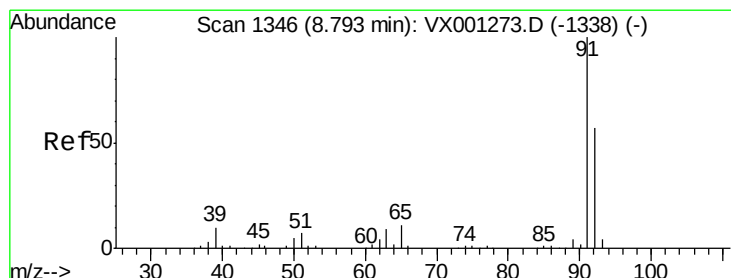
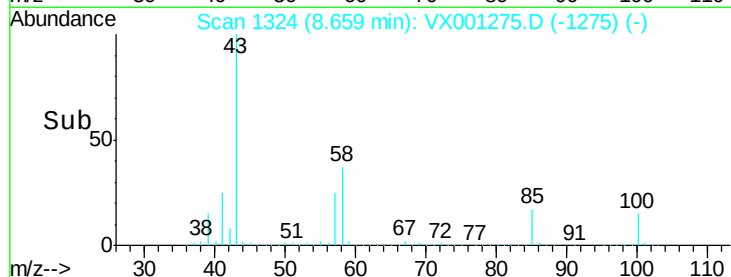
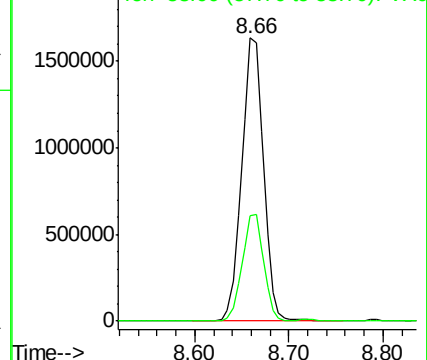
43 100

58 37.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 158.74 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001275.D

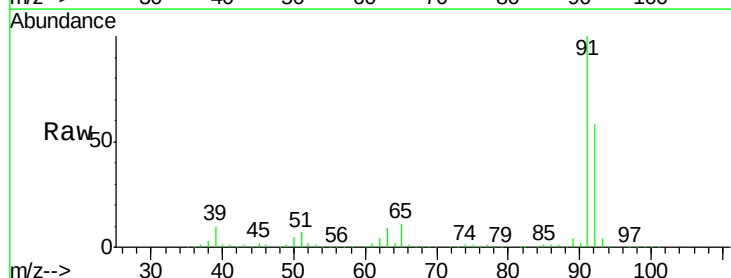
Acq: 01 May 2018 13:11

Tgt Ion: 92 Resp: 897366

Ion Ratio Lower Upper

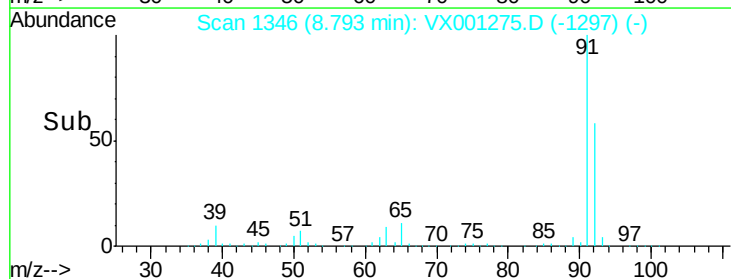
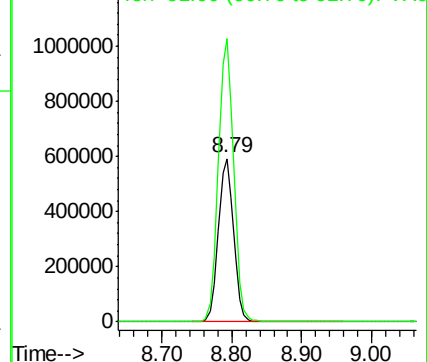
92 100

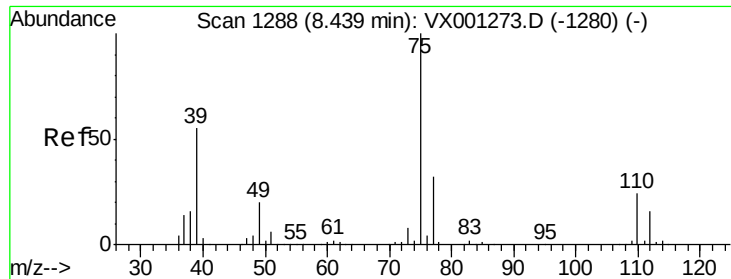
91 174.1 139.0 208.6



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: 172.63 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

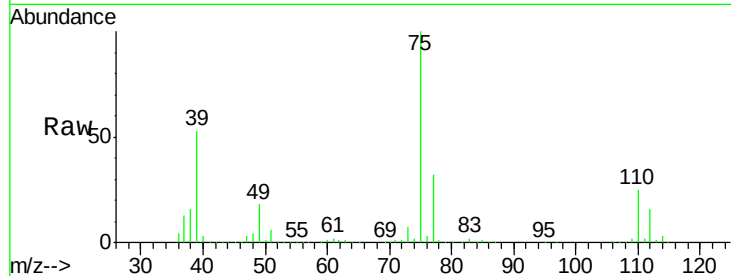
VSTDIC150

Tgt Ion: 75 Resp: 570087

Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.45

400000

300000

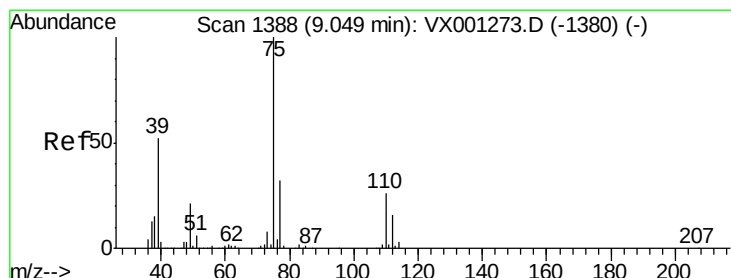
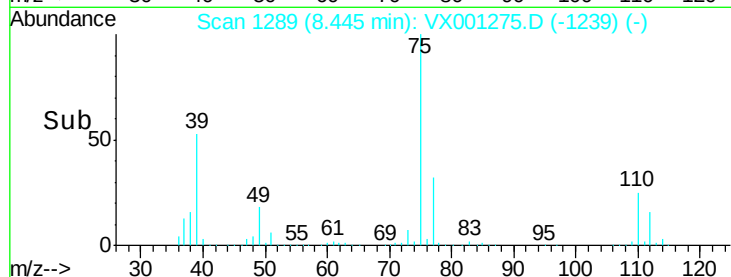
200000

100000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 180.41 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

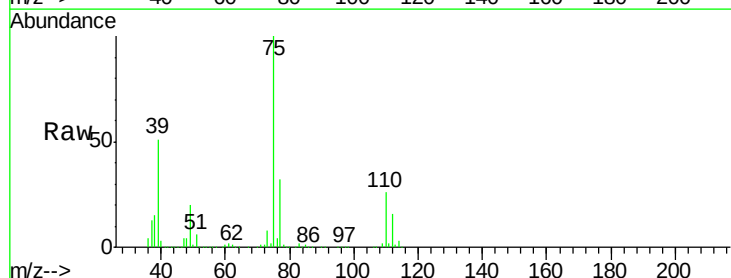
Tgt Ion: 75 Resp: 558925

Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

39 50.6 41.9 62.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

500000

400000

300000

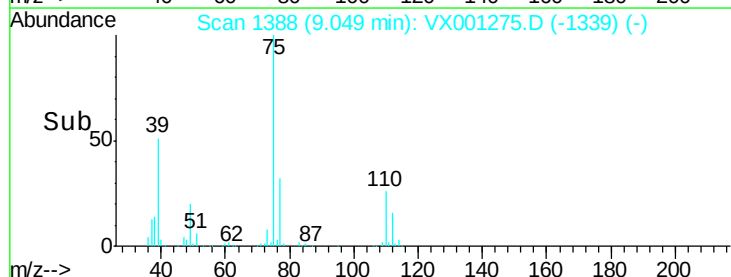
200000

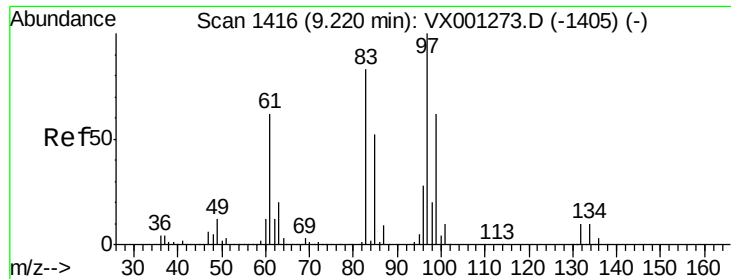
100000

0

9.00 9.10

Time-->

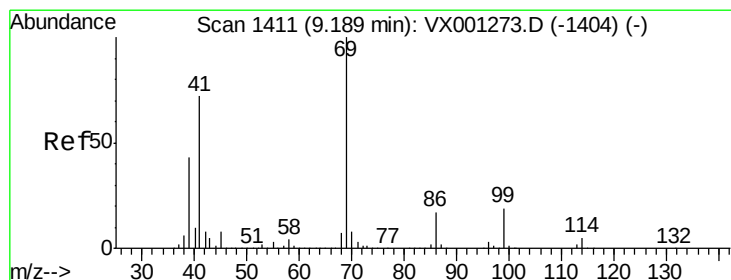
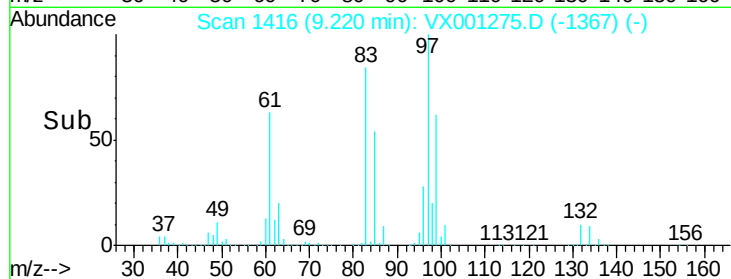
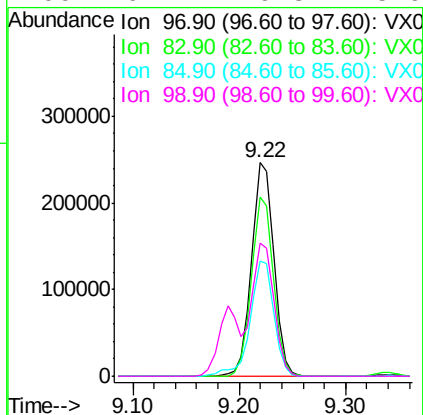
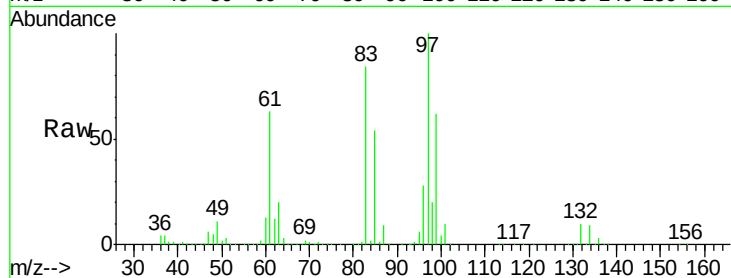




#55
 1,1,2-Trichloroethane
 Concen: 153.38 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001275.D
 Acq: 01 May 2018 13:11

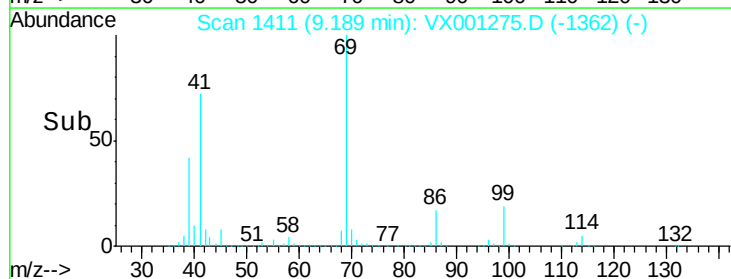
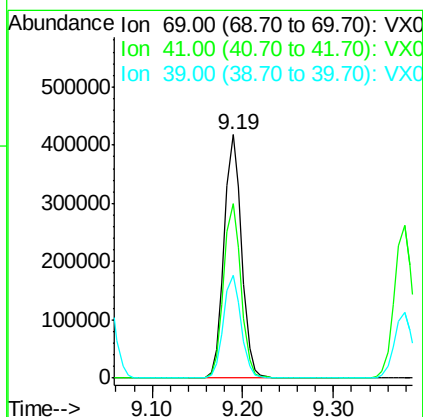
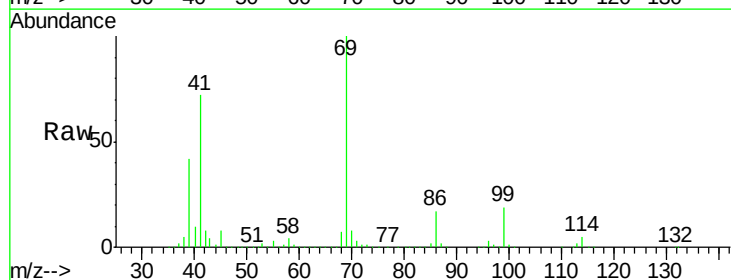
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

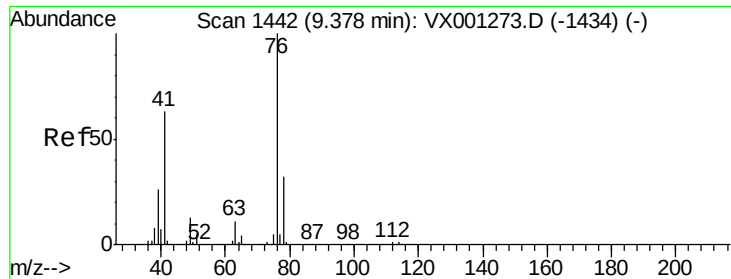
Tgt Ion:	97	Resp:	364744
Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.4	99.6
85	53.9	41.6	62.4
99	62.4	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 161.66 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001275.D
 Acq: 01 May 2018 13:11

Tgt Ion:	69	Resp:	563353
Ion	Ratio	Lower	Upper
69	100		
41	71.3	57.2	85.8
39	42.6	34.3	51.5

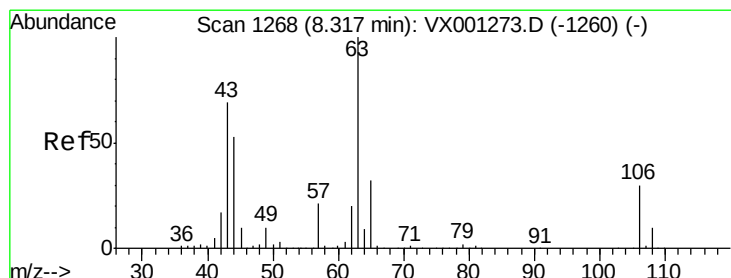
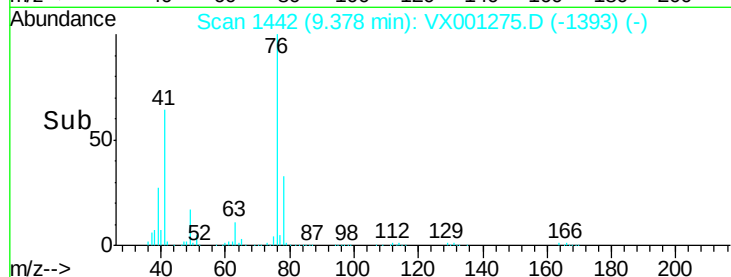
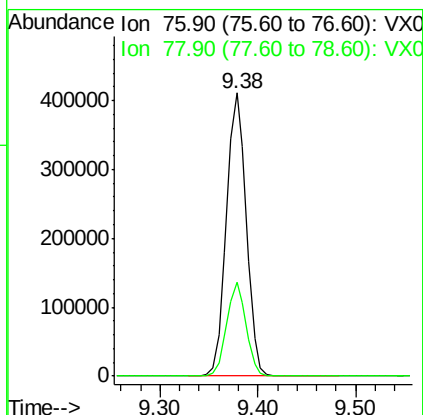
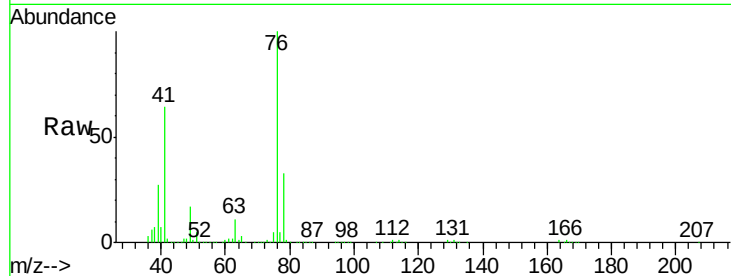




#57
 1,3-Dichloropropane
 Concen: 150.63 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001275.D
 Acq: 01 May 2018 13:11

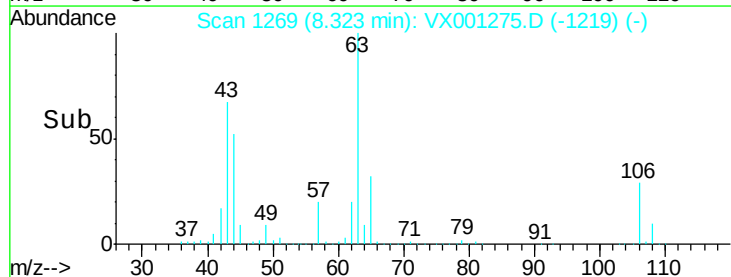
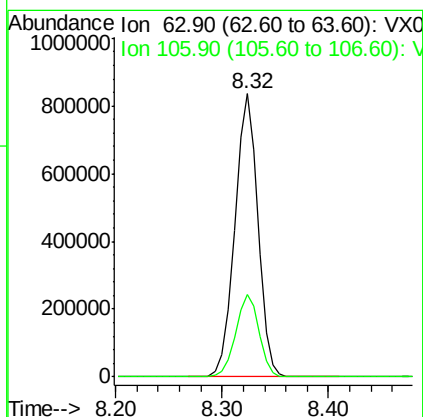
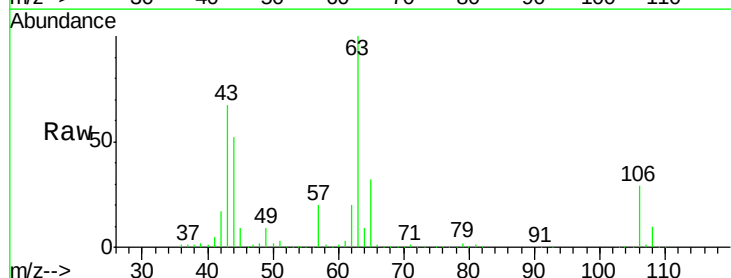
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

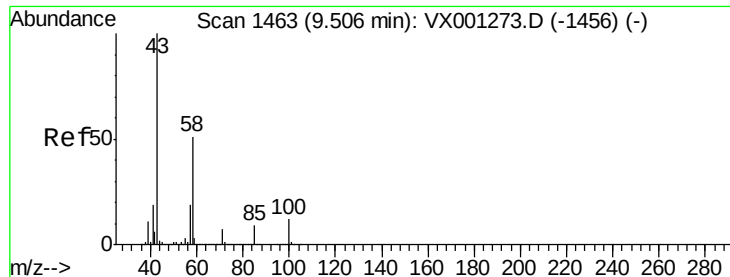
Tgt Ion: 76 Resp: 578154
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 765.01 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX001275.D
 Acq: 01 May 2018 13:11

Tgt Ion: 63 Resp: 1269083
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.8 35.6





#59

2-Hexanone

Concen: 737.23 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

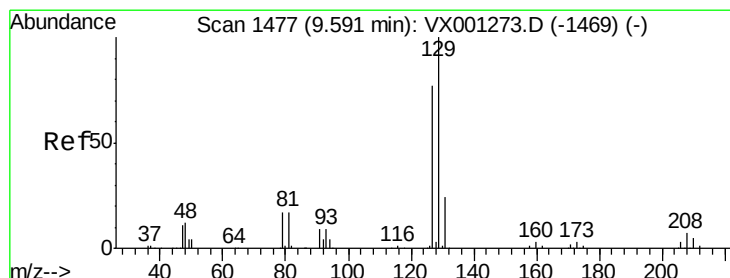
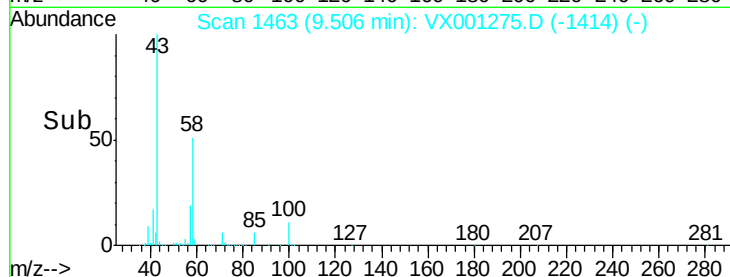
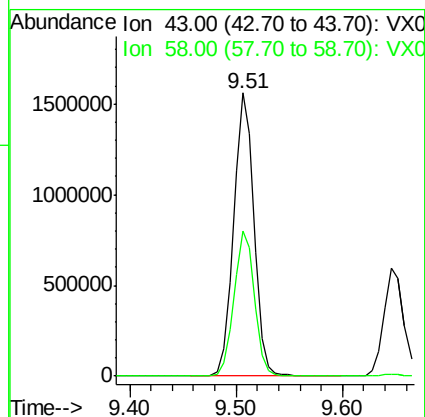
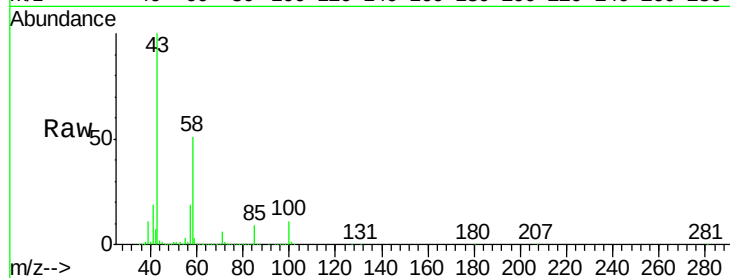
VSTDIC150

Tgt Ion: 43 Resp: 2091152

Ion Ratio Lower Upper

43 100

58 51.7 25.7 77.0



#60

Dibromochloromethane

Concen: 180.64 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX001275.D

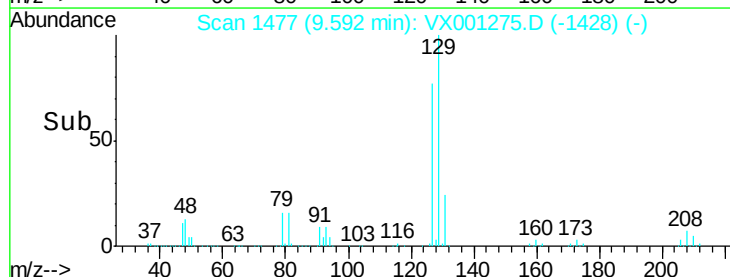
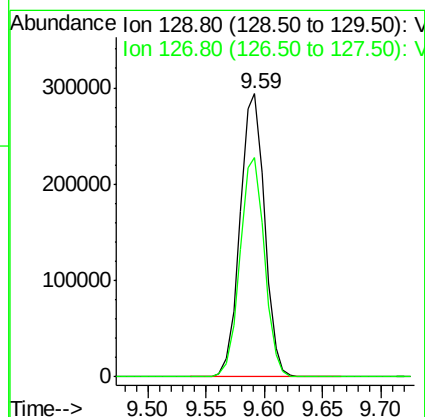
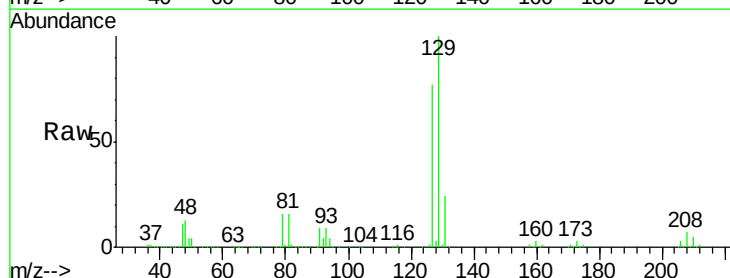
Acq: 01 May 2018 13:11

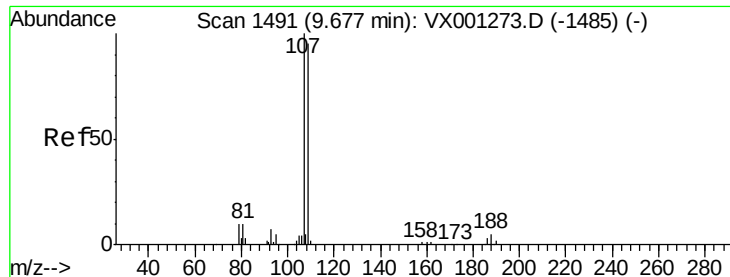
Tgt Ion: 129 Resp: 433890

Ion Ratio Lower Upper

129 100

127 76.7 39.1 117.3





#61

1,2-Dibromoethane

Concen: 157.67 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

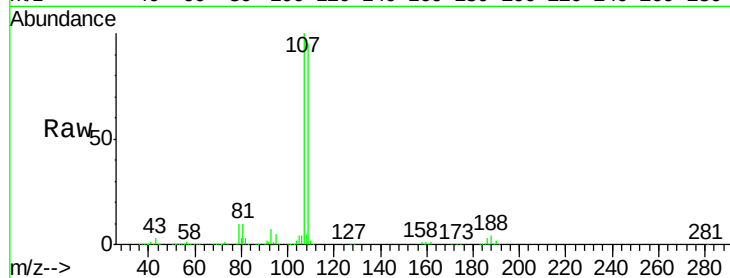
VSTDIC150

Tgt Ion: 107 Resp: 391843

Ion Ratio Lower Upper

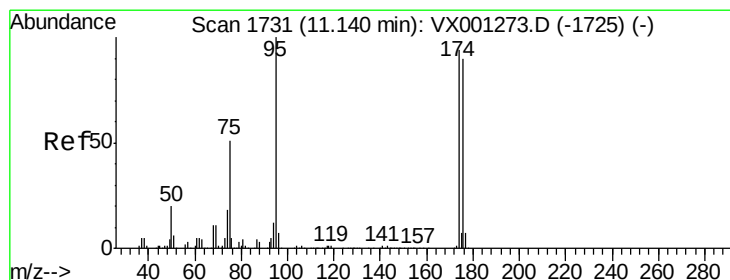
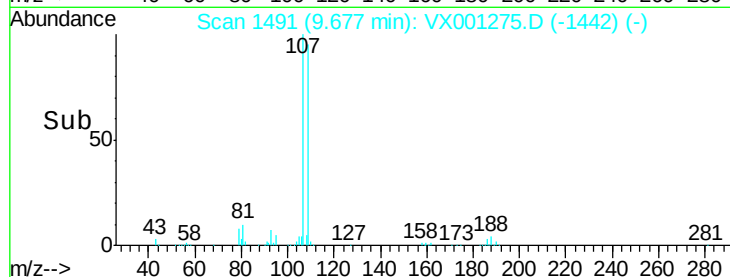
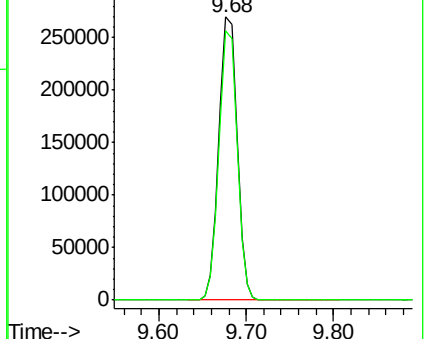
107 100

109 94.8 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 171.73 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

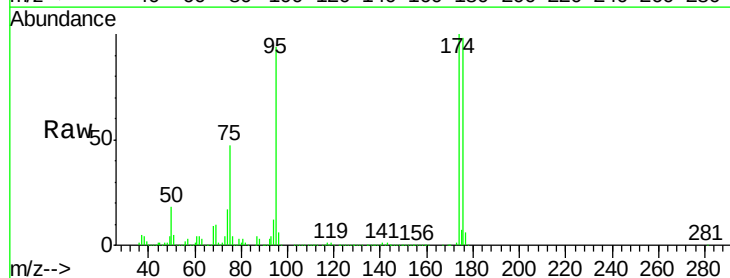
Tgt Ion: 95 Resp: 566428

Ion Ratio Lower Upper

95 100

174 100.8 0.0 201.8

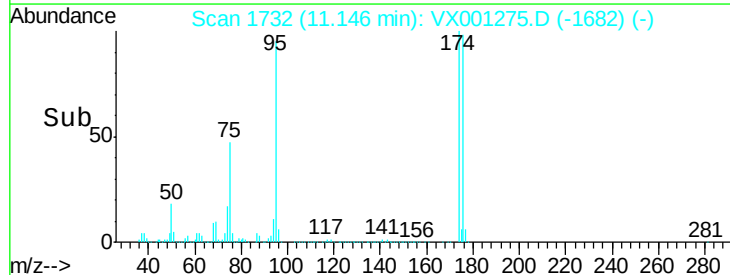
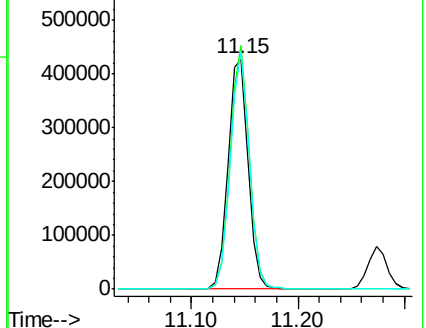
176 97.5 0.0 197.2

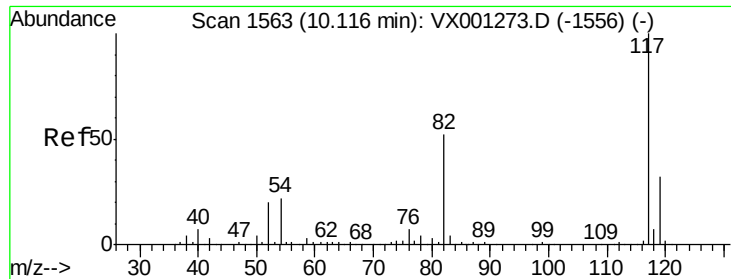


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

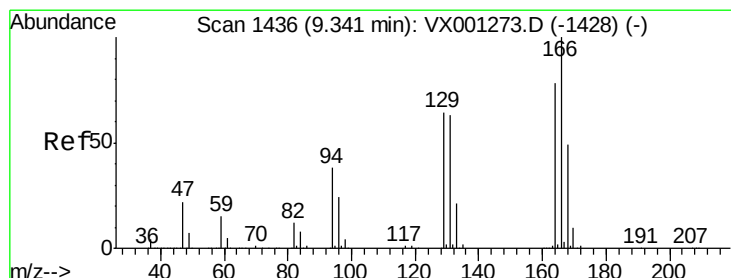
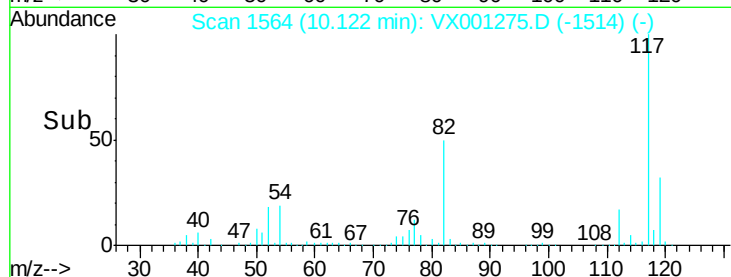
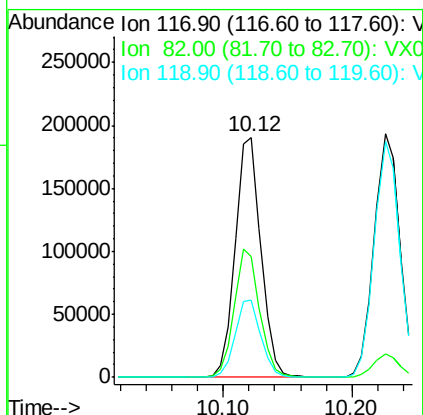
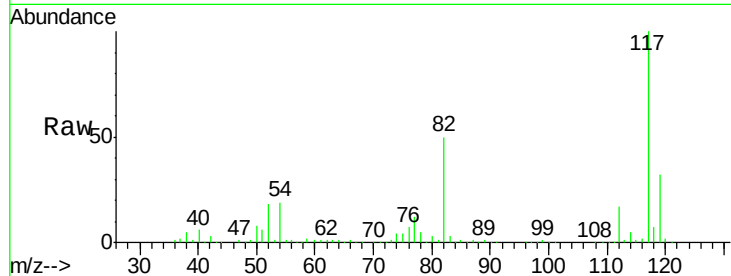




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

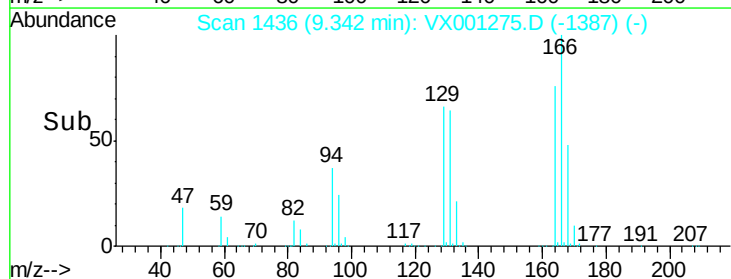
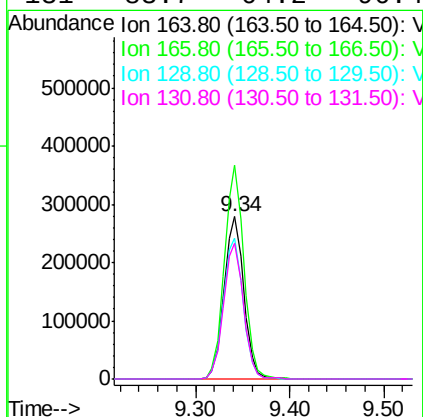
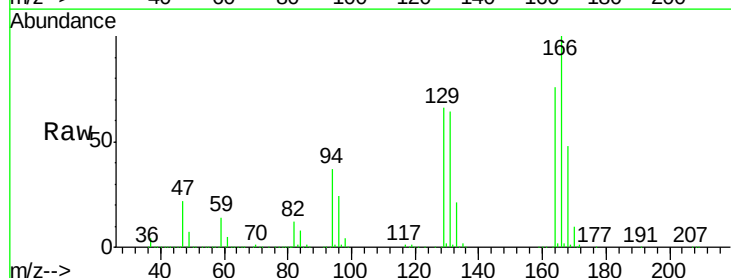
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

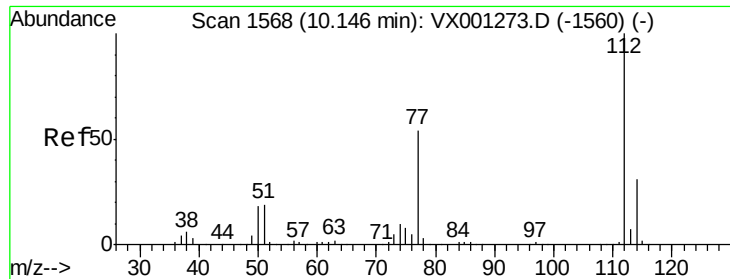
Tgt Ion:117 Resp: 265585
Ion Ratio Lower Upper
117 100
82 50.4 41.4 62.0
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 140.00 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

Tgt Ion:164 Resp: 406081
Ion Ratio Lower Upper
164 100
166 131.7 102.3 153.5
129 86.5 65.1 97.7
131 83.7 64.2 96.4





#65

Chlorobenzene

Concen: 151.78 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

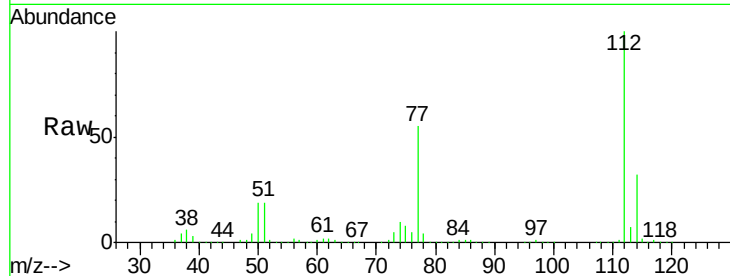
VSTDIC150

Tgt Ion:112 Resp: 1060925

Ion Ratio Lower Upper

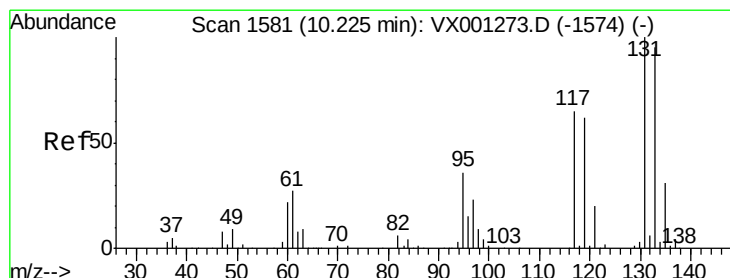
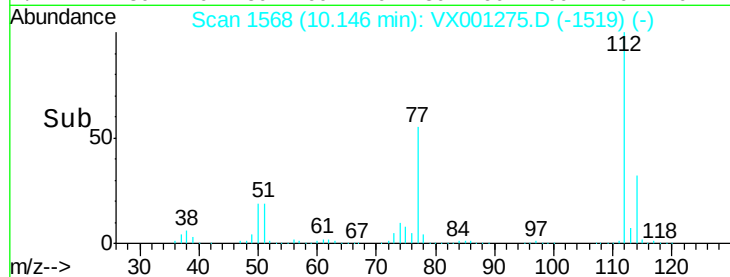
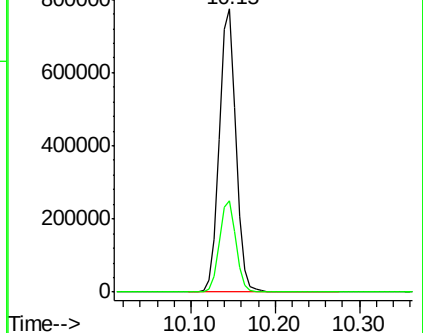
112 100

114 32.2 24.8 37.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 168.06 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

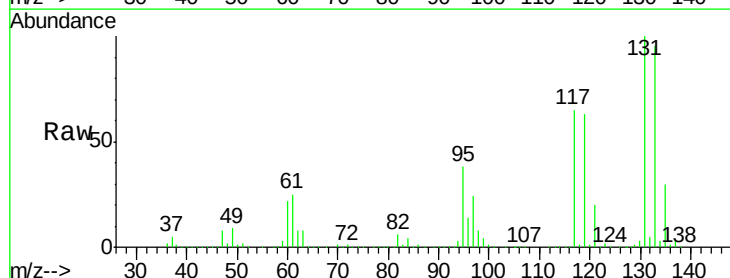
Tgt Ion:131 Resp: 406356

Ion Ratio Lower Upper

131 100

133 96.2 48.3 144.9

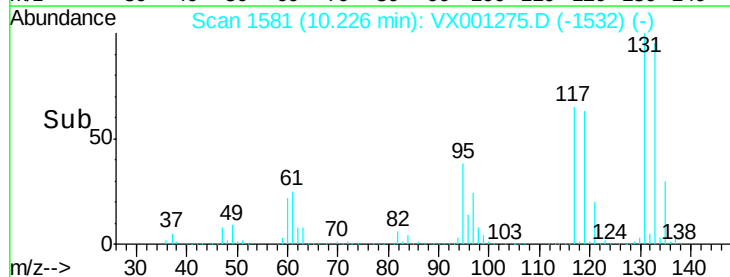
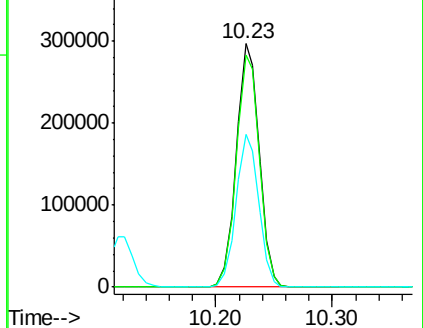
119 62.6 31.2 93.6

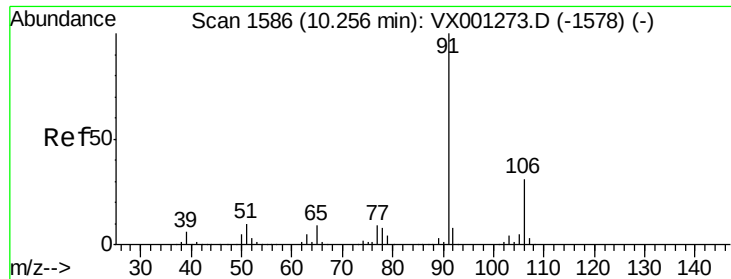


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

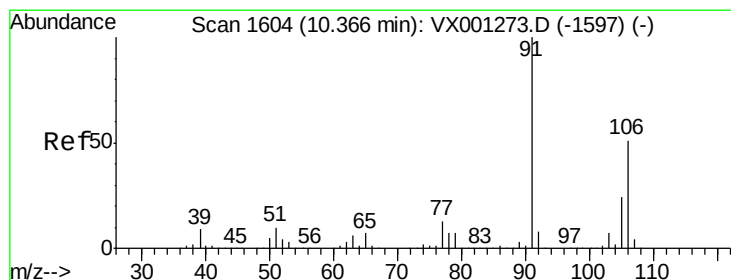
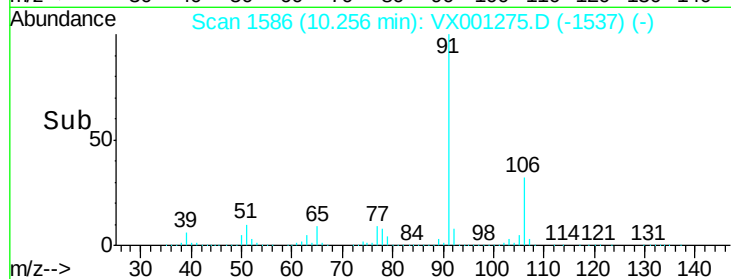
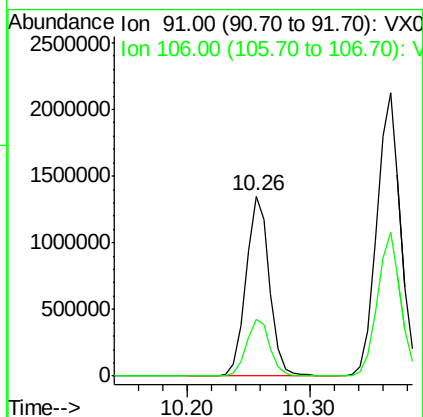
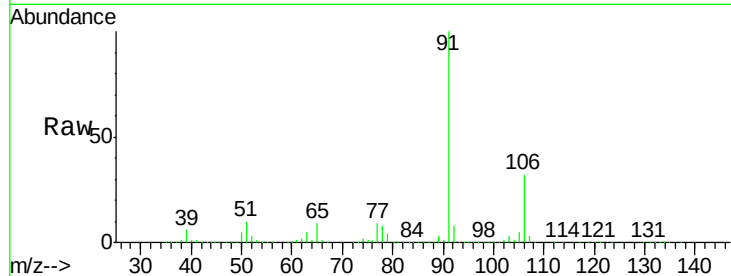




#67
Ethyl Benzene
Concen: 156.64 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

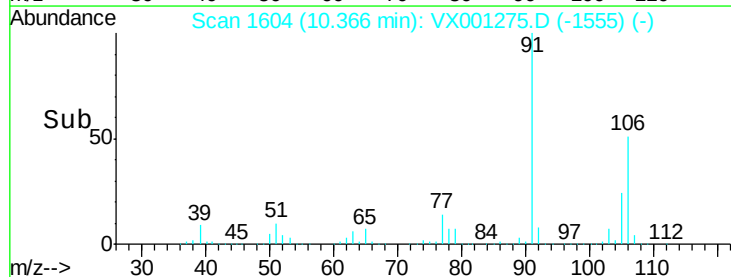
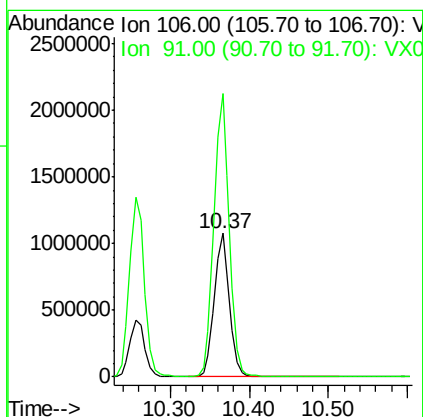
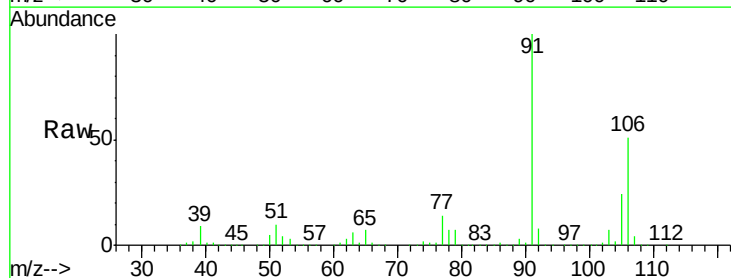
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

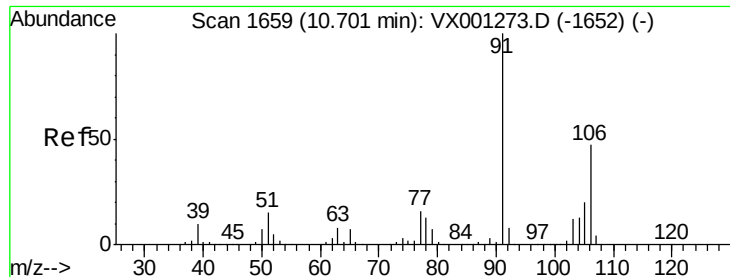
Tgt Ion: 91 Resp: 1788536
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 318.81 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

Tgt Ion: 106 Resp: 1439535
Ion Ratio Lower Upper
106 100
91 199.8 159.4 239.2

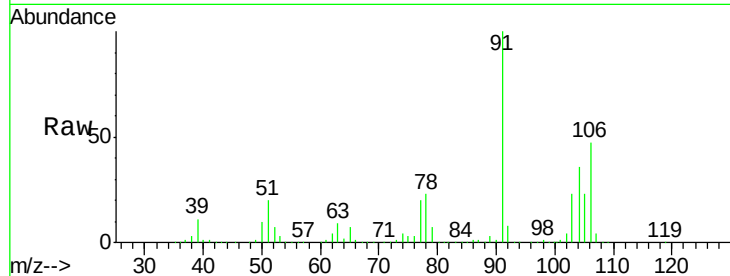




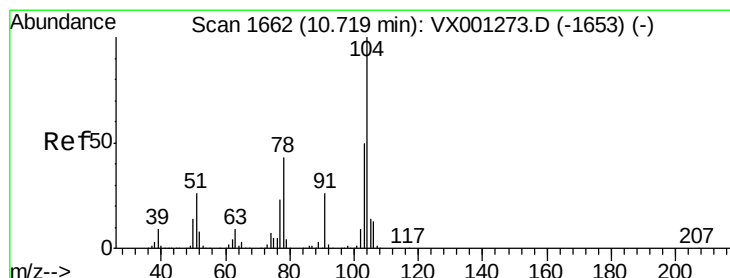
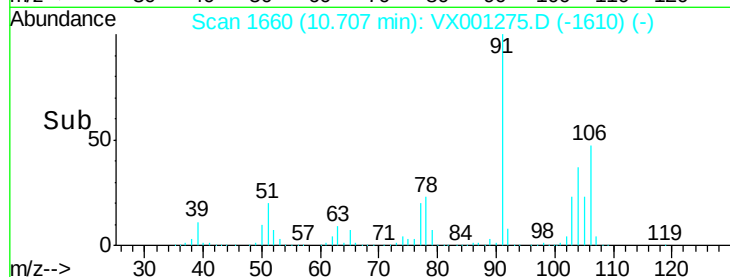
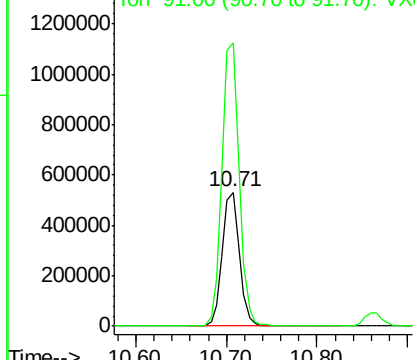
#69
o-Xylene
Concen: 161.77 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 705478
Ion Ratio Lower Upper
106 100
91 213.0 106.3 319.0

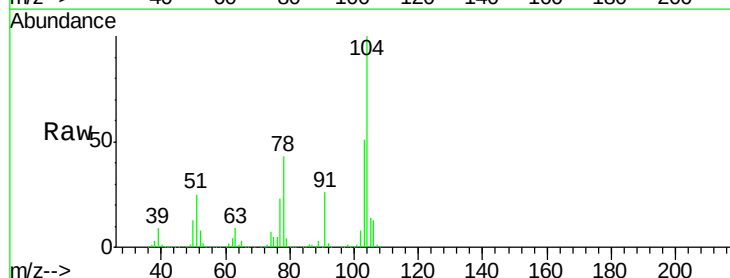


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

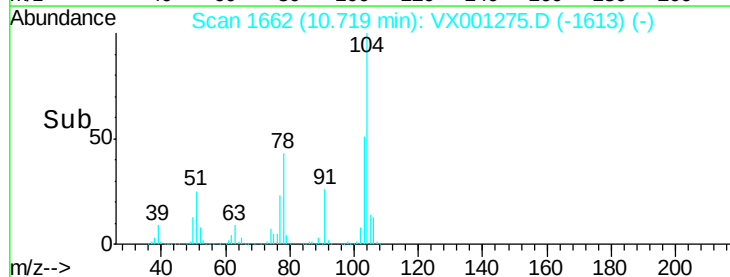
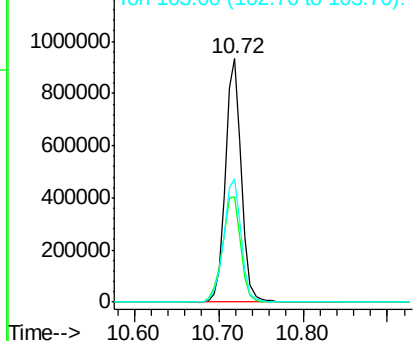


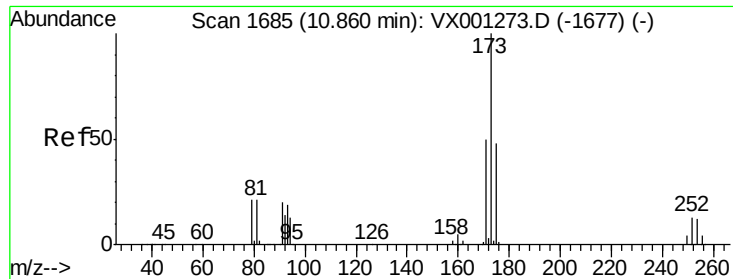
#70
Styrene
Concen: 167.57 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

Tgt Ion:104 Resp: 1214341
Ion Ratio Lower Upper
104 100
78 49.9 40.1 60.1
103 55.7 44.5 66.7



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





#71

Bromoform

Concen: 188.76 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

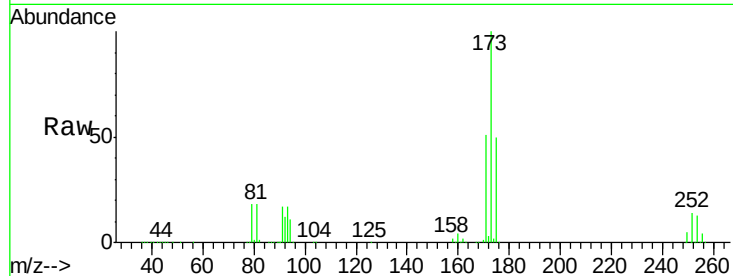
Tgt Ion:173 Resp: 396181

Ion Ratio Lower Upper

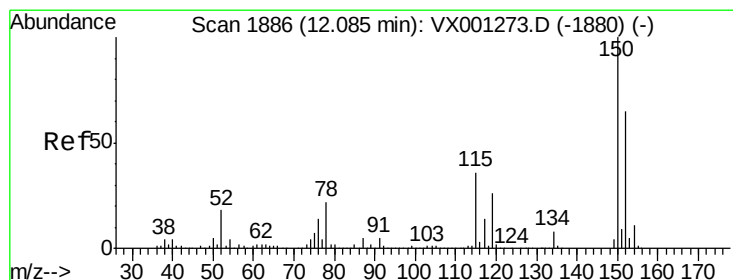
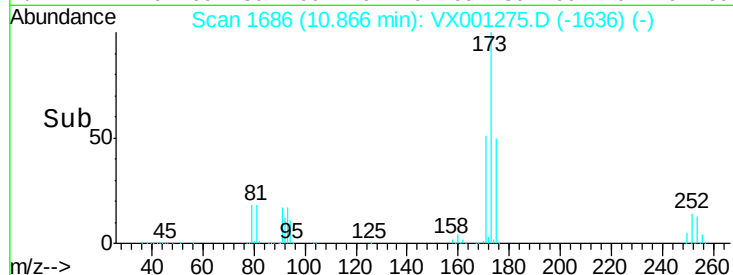
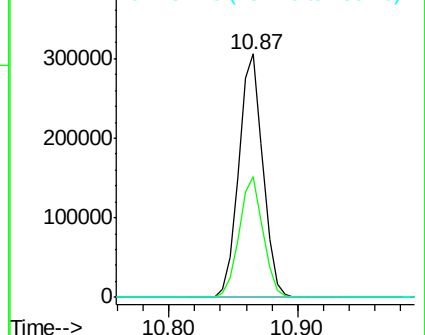
173 100

175 49.2 24.6 74.0

254 0.2 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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

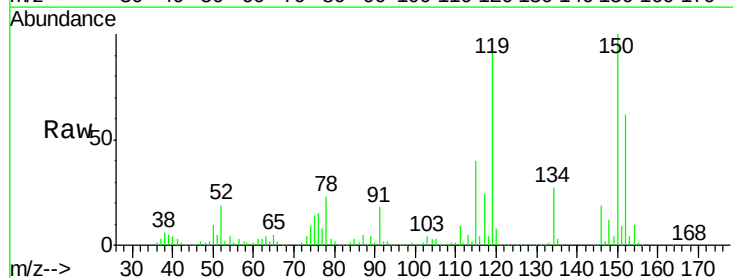
Tgt Ion:152 Resp: 197165

Ion Ratio Lower Upper

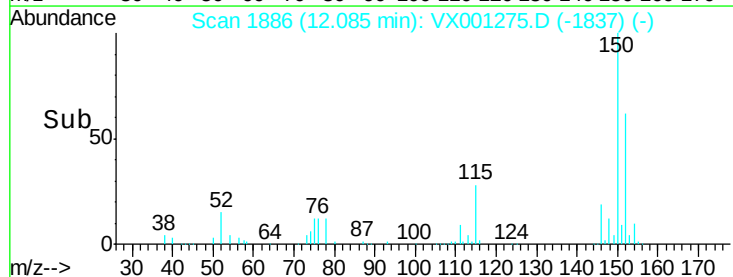
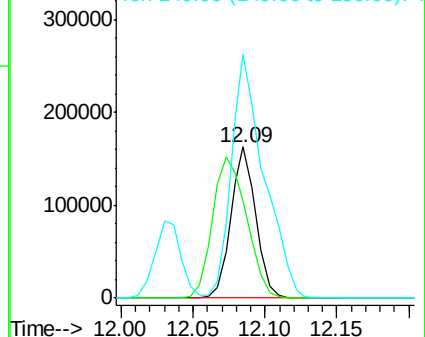
152 100

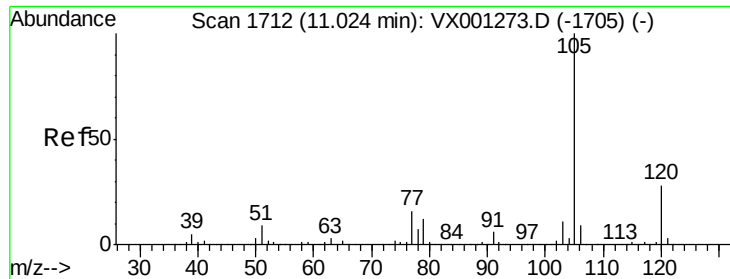
115 126.5 38.6 115.7#

150 211.7 0.0 349.2



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





#73

Isopropylbenzene

Concen: 148.90 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

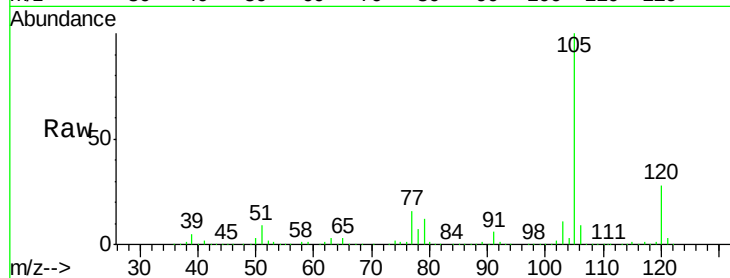
VSTDIC150

Tgt Ion:105 Resp: 1923675

Ion Ratio Lower Upper

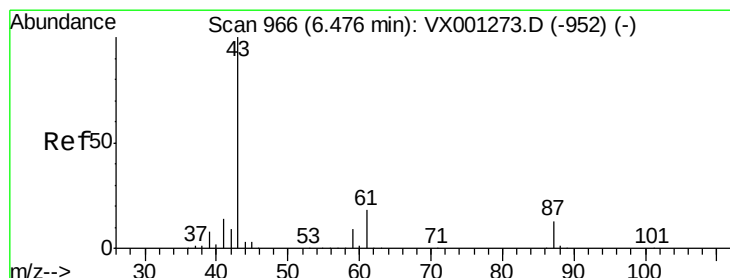
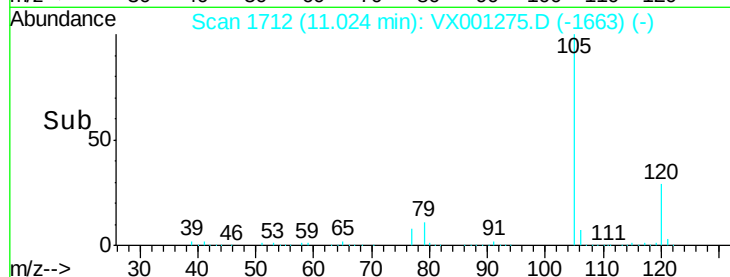
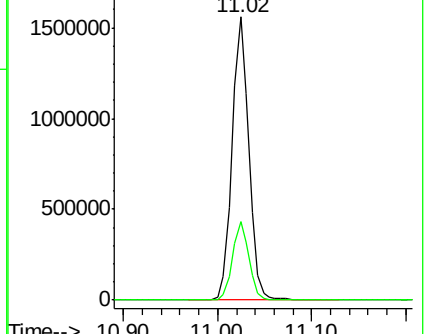
105 100

120 27.3 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 125.45 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Tgt Ion: 43 Resp: 797521

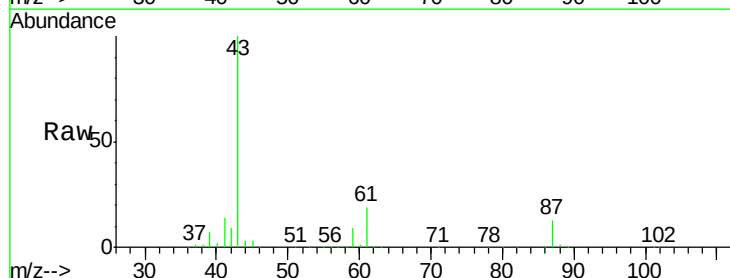
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 18.8 15.0 22.4

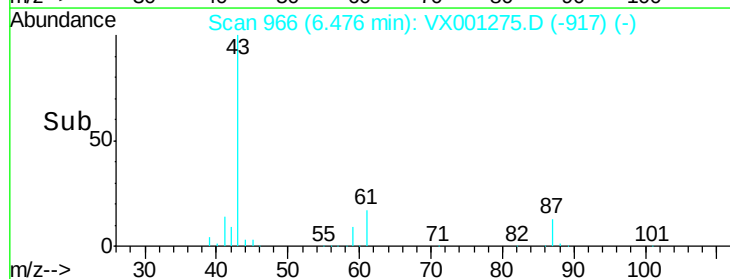
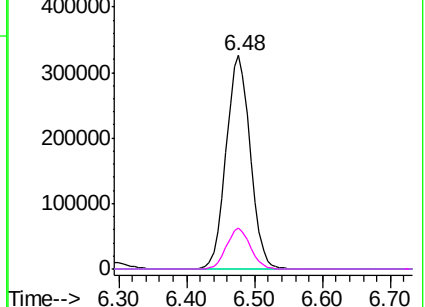


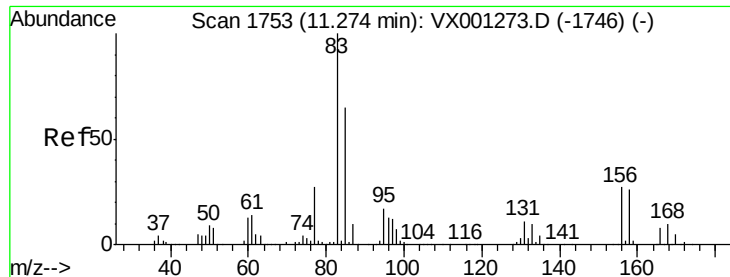
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 140.66 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

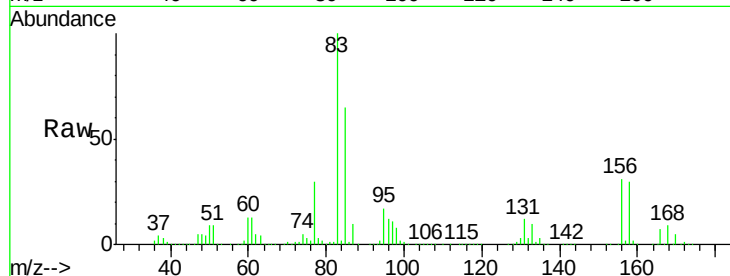
Tgt Ion: 83 Resp: 593022

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.3

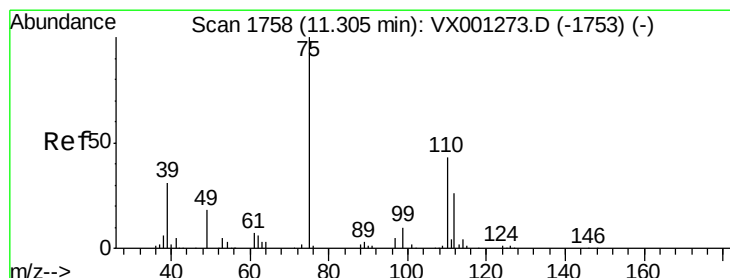
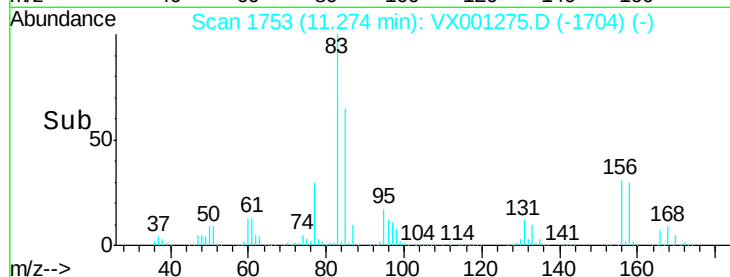
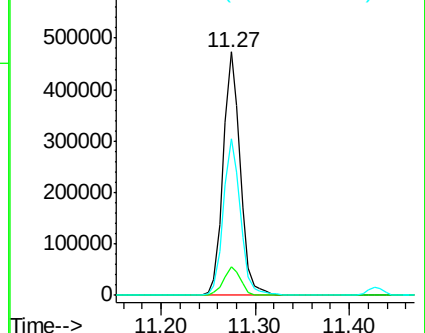
85 64.7 32.6 97.7



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: 174.03 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001275.D

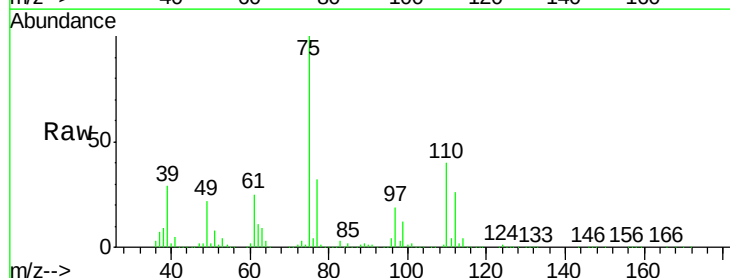
Acq: 01 May 2018 13:11

Tgt Ion: 75 Resp: 687978

Ion Ratio Lower Upper

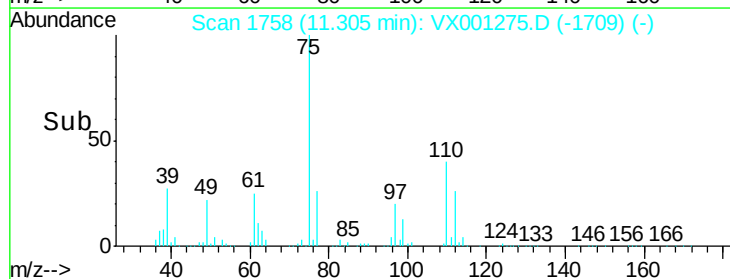
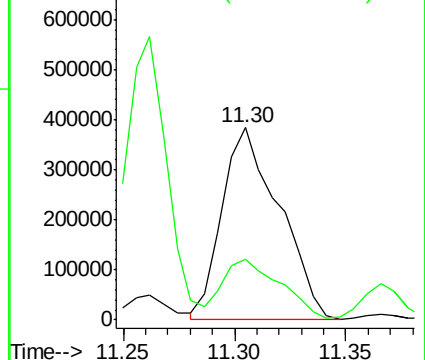
75 100

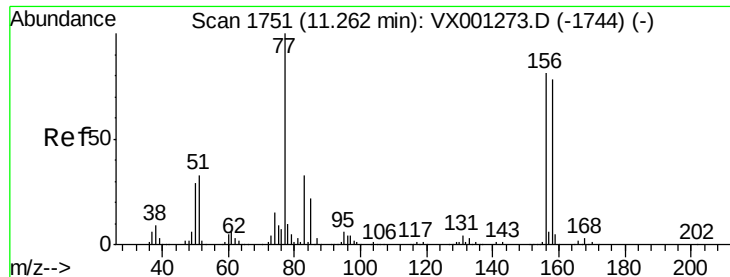
77 31.7 18.9 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 145.99 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

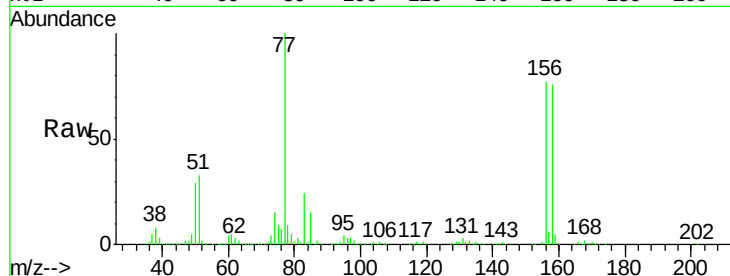
Tgt Ion:156 Resp: 557365

Ion Ratio Lower Upper

156 100

77 132.7 65.3 195.8

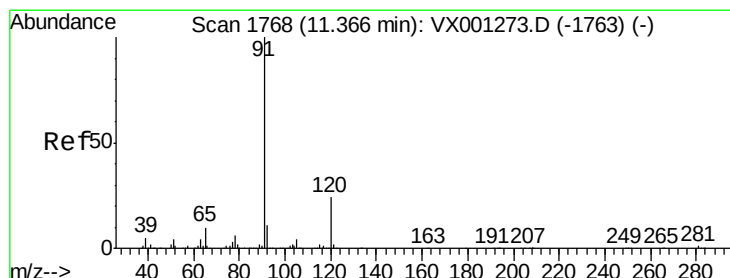
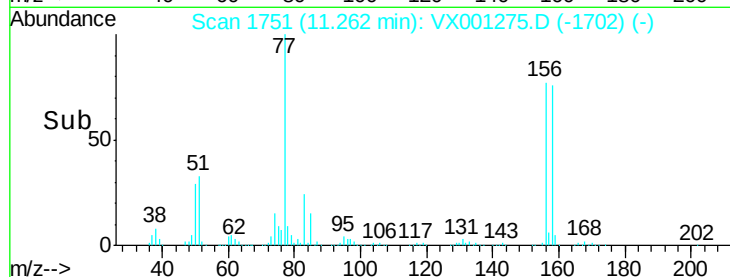
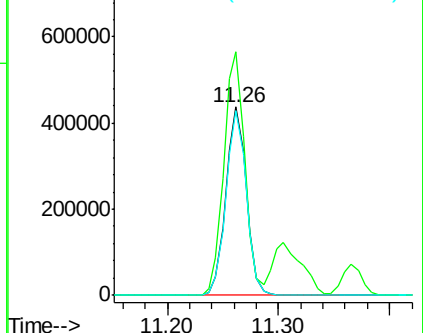
158 97.8 48.5 145.5



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: 151.08 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001275.D

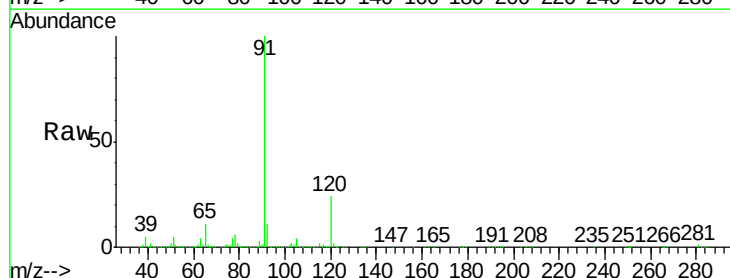
Acq: 01 May 2018 13:11

Tgt Ion: 91 Resp: 2174753

Ion Ratio Lower Upper

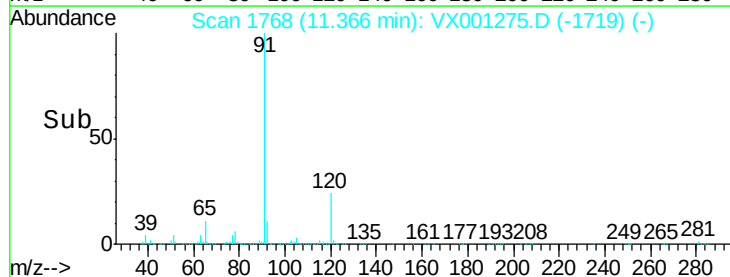
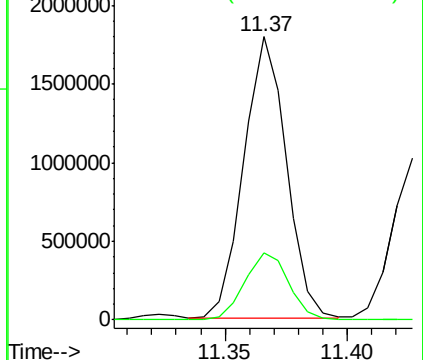
91 100

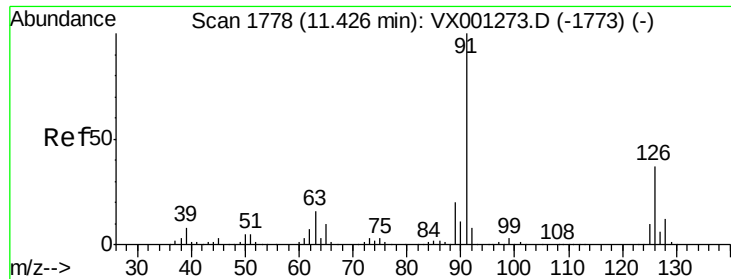
120 24.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 145.51 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

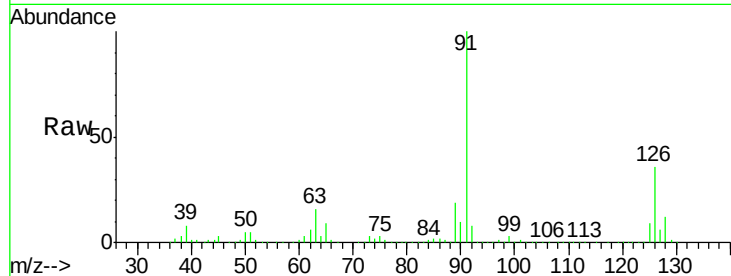
VSTDIC150

Tgt Ion: 91 Resp: 1294878

Ion Ratio Lower Upper

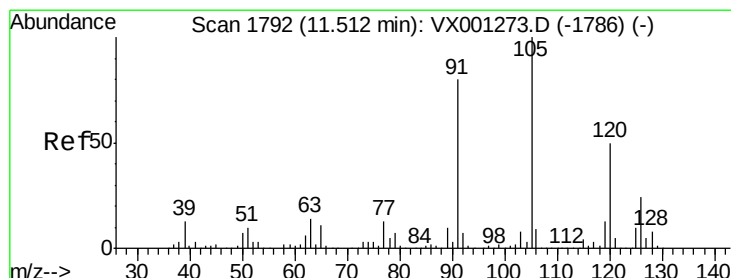
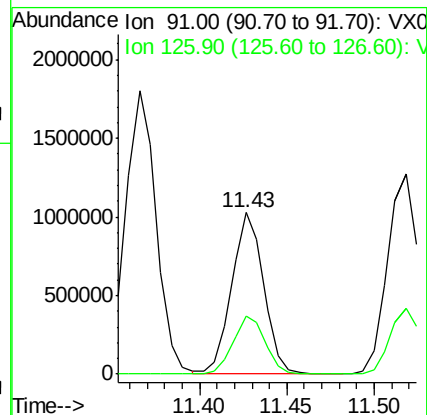
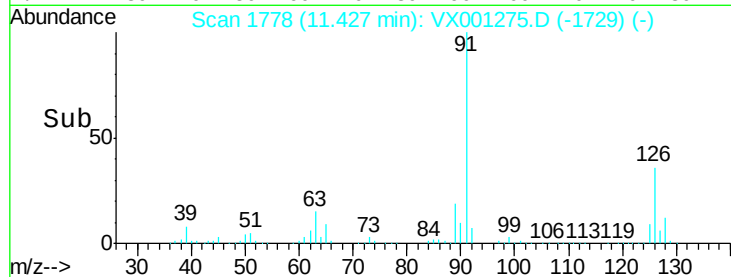
91 100

126 36.4 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 153.38 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001275.D

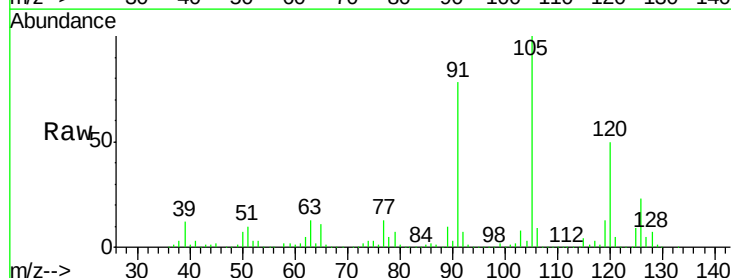
Acq: 01 May 2018 13:11

Tgt Ion: 105 Resp: 1679653

Ion Ratio Lower Upper

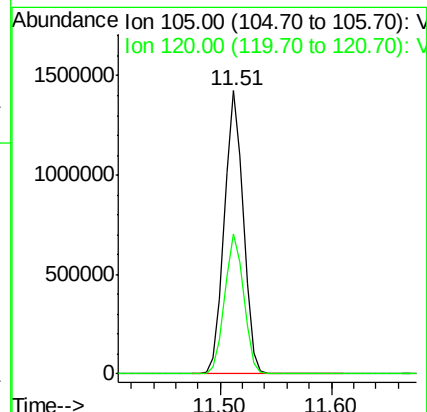
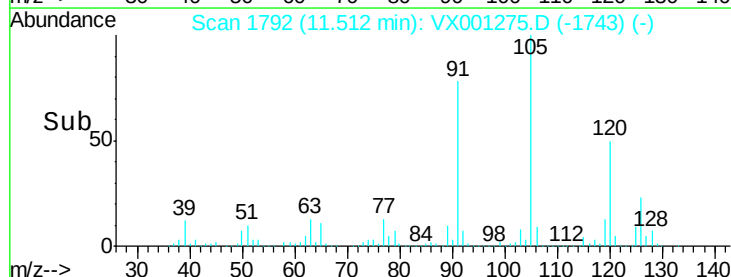
105 100

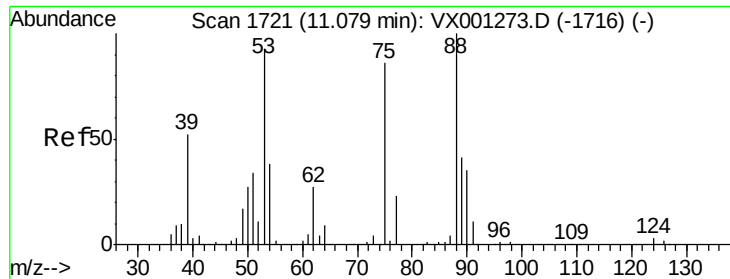
120 49.8 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 184.90 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

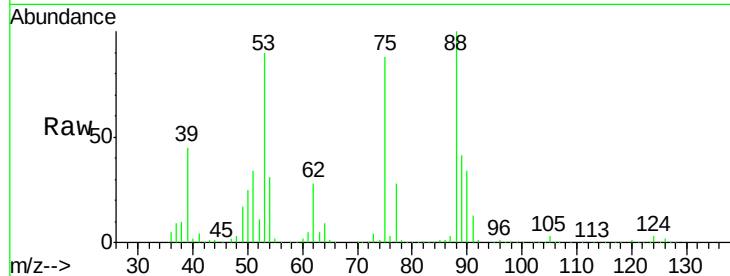
Tgt Ion: 75 Resp: 184117

Ion Ratio Lower Upper

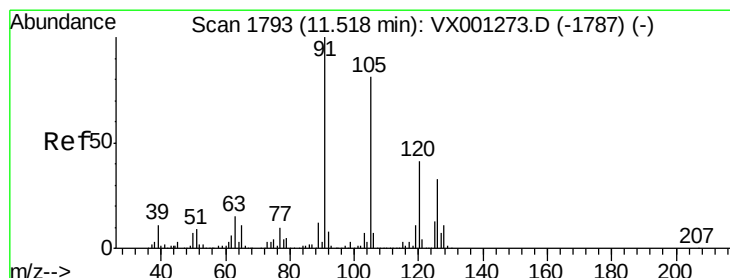
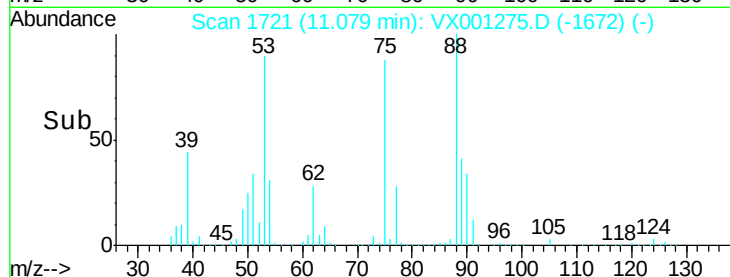
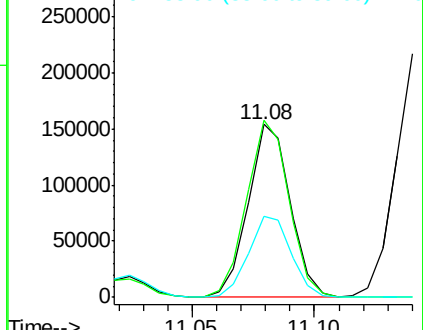
75 100

53 103.0 87.1 130.7

89 47.9 38.9 58.3



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: 150.42 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001275.D

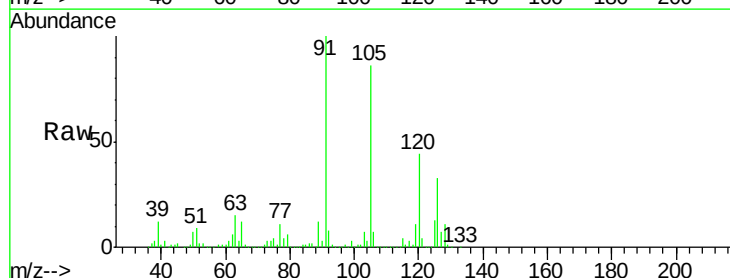
Acq: 01 May 2018 13:11

Tgt Ion: 91 Resp: 1593591

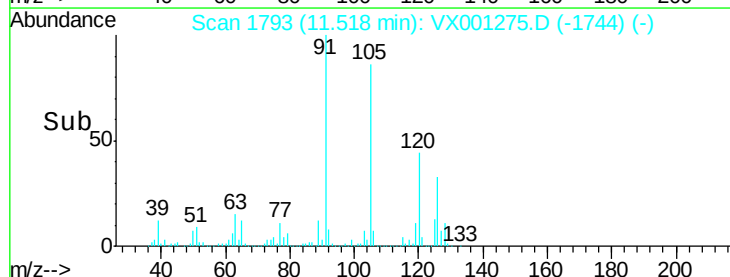
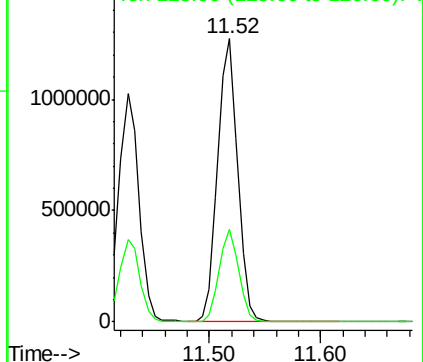
Ion Ratio Lower Upper

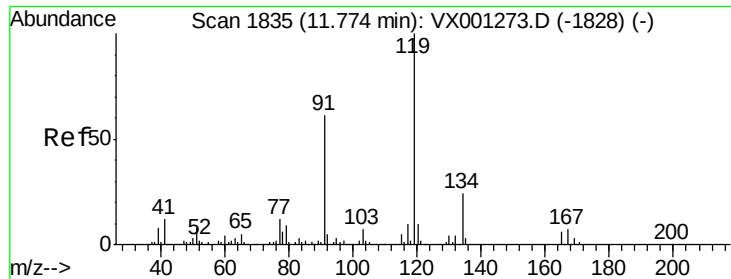
91 100

126 32.0 16.1 48.2



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

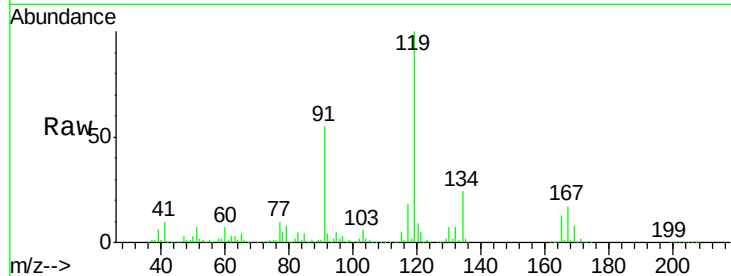




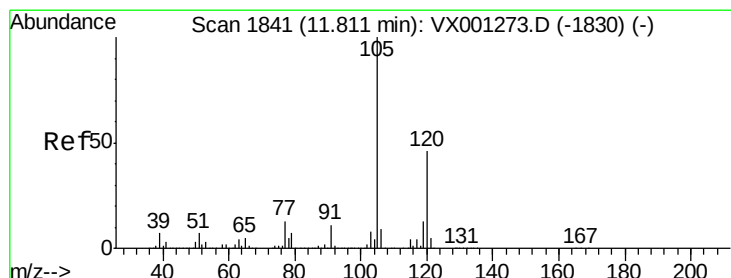
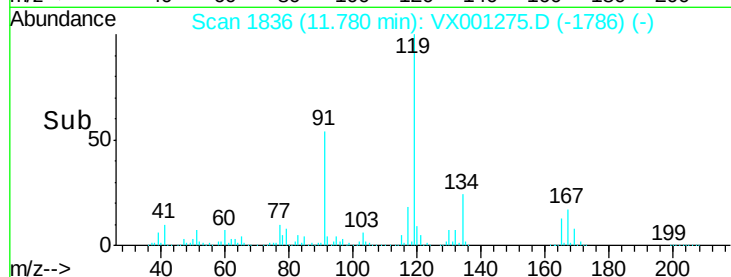
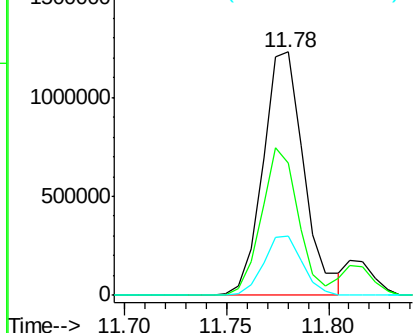
#83
 tert-Butylbenzene
 Concen: 157.67 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.01 min
 Lab File: VX001275.D
 Acq: 01 May 2018 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:119 Resp: 1720142
 Ion Ratio Lower Upper
 119 100
 91 54.7 28.1 84.3
 134 23.1 11.8 35.3

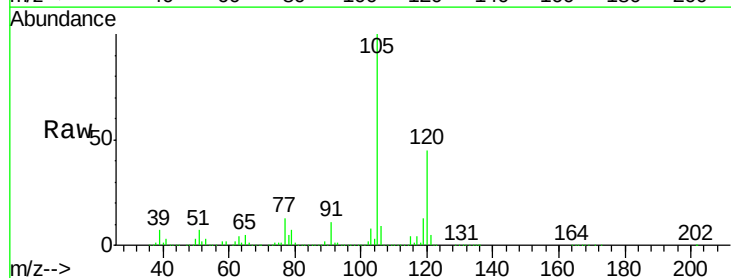


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

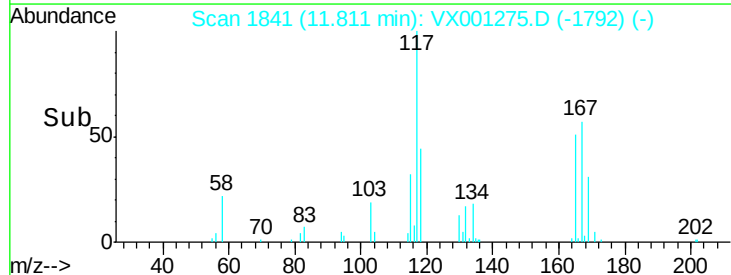
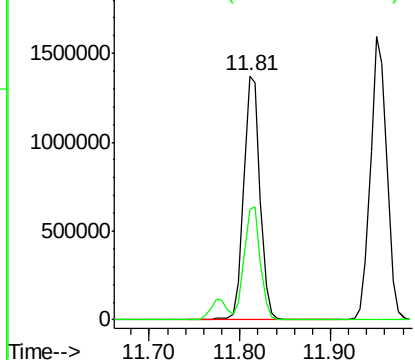


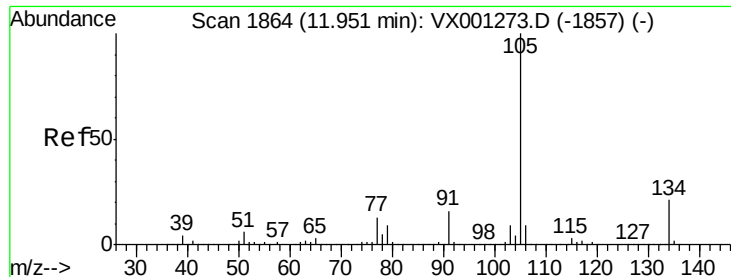
#84
 1,2,4-Trimethylbenzene
 Concen: 151.63 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001275.D
 Acq: 01 May 2018 13:11

Tgt Ion:105 Resp: 1702392
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.7 68.1



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





#85

sec-Butylbenzene

Concen: 154.79 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

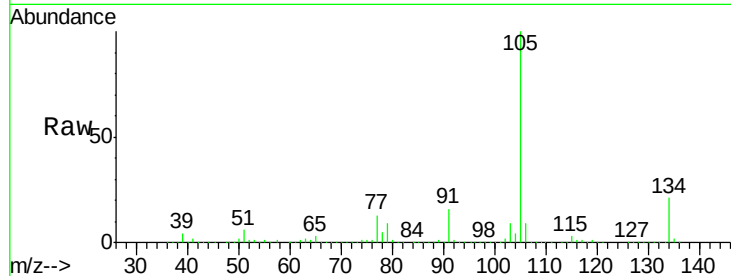
VSTDIC150

Tgt Ion:105 Resp: 1985967

Ion Ratio Lower Upper

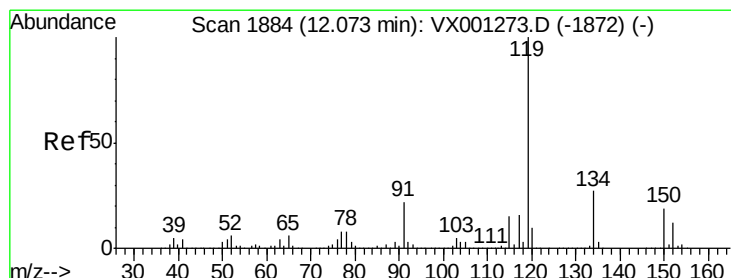
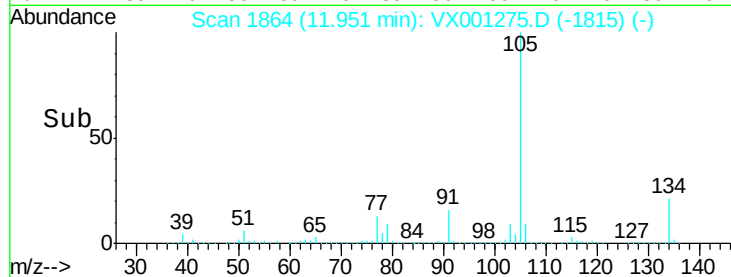
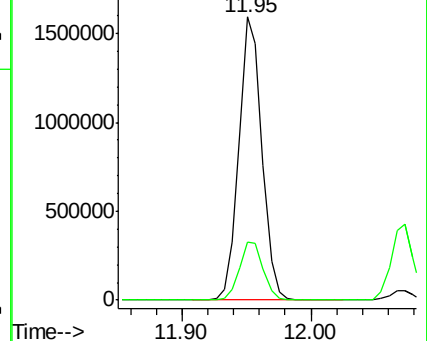
105 100

134 21.3 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 155.95 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

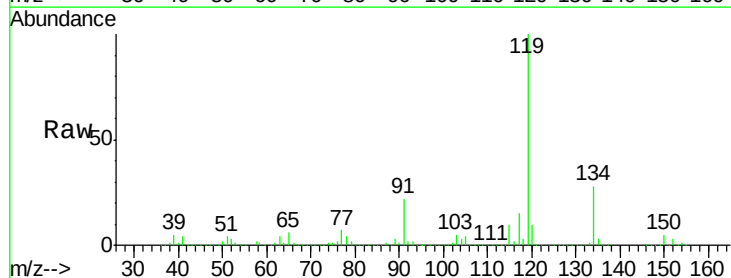
Tgt Ion:119 Resp: 1856223

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

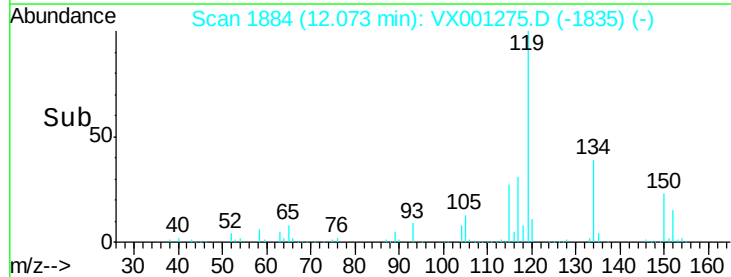
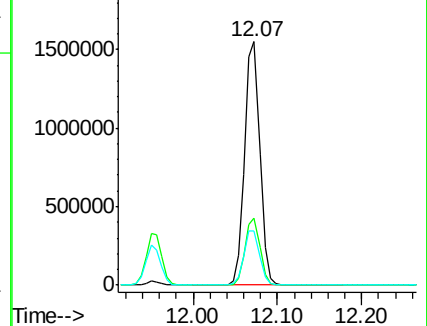
91 22.9 11.7 35.1

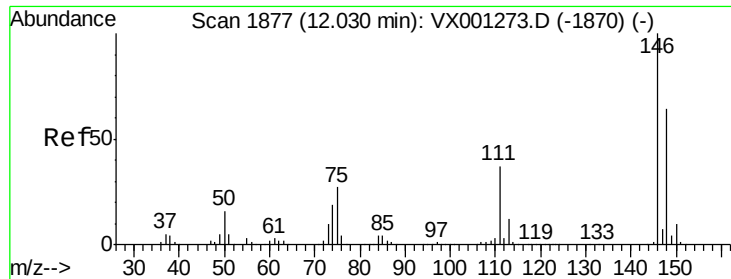


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

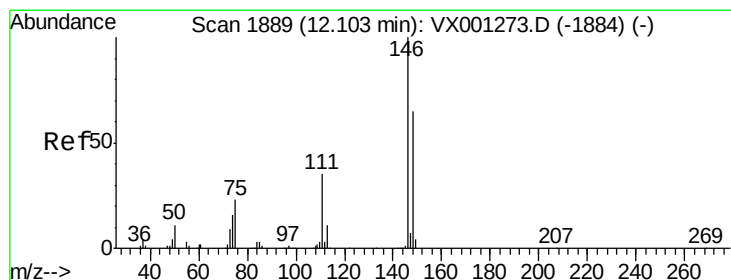
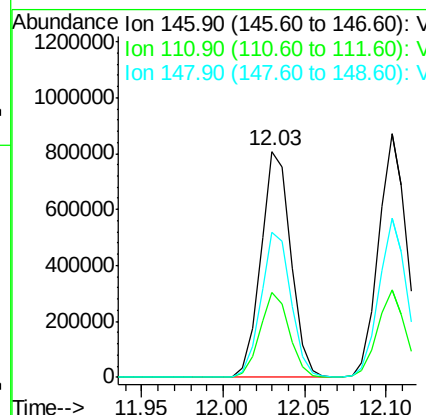
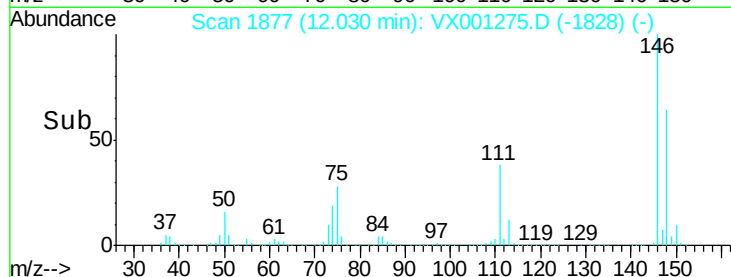
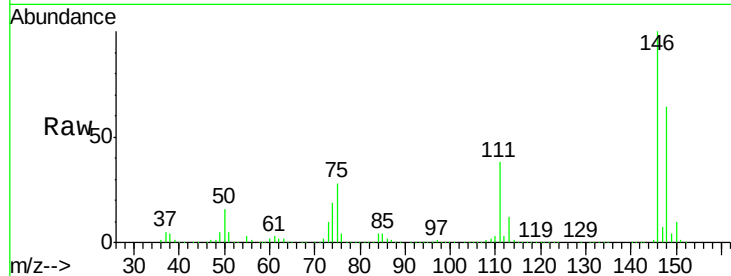




#87
 1,3-Dichlorobenzene
 Concen: 149.94 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001275.D
 Acq: 01 May 2018 13:11

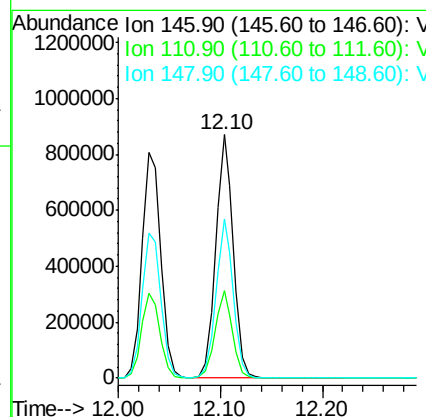
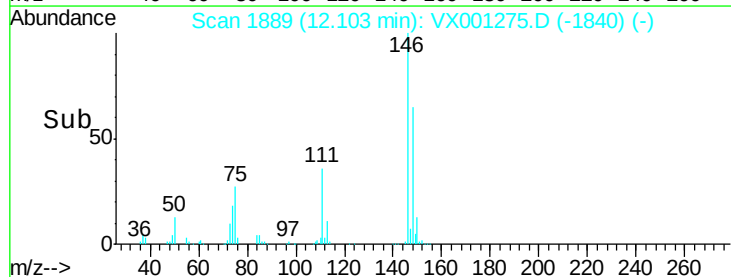
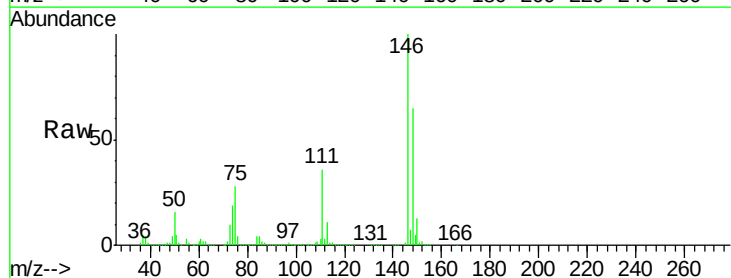
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

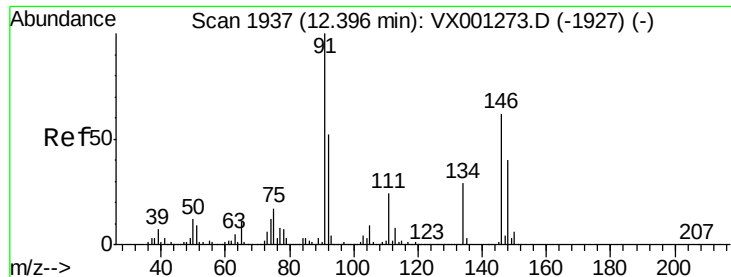
Tgt Ion:146 Resp: 1028805
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.2
 148 64.3 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 146.52 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001275.D
 Acq: 01 May 2018 13:11

Tgt Ion:146 Resp: 1048259
 Ion Ratio Lower Upper
 146 100
 111 35.5 17.9 53.7
 148 64.5 32.3 96.8

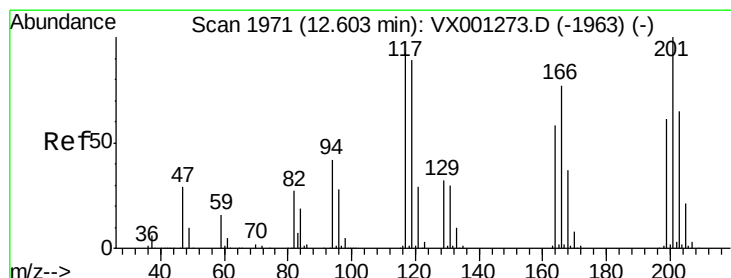
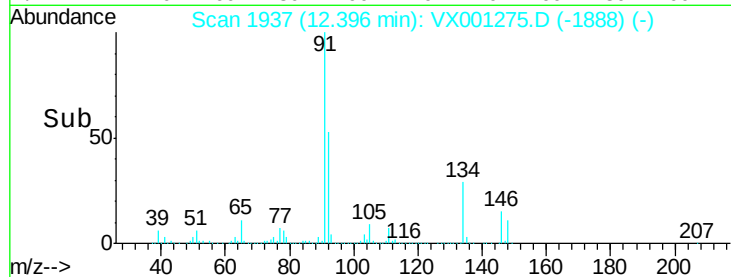
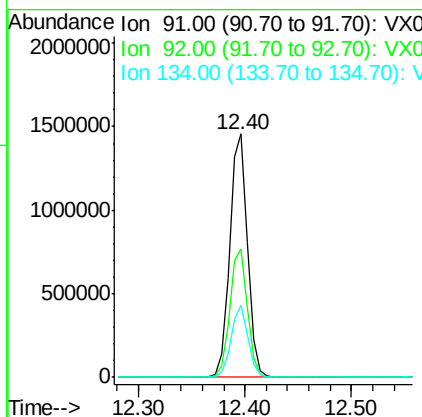
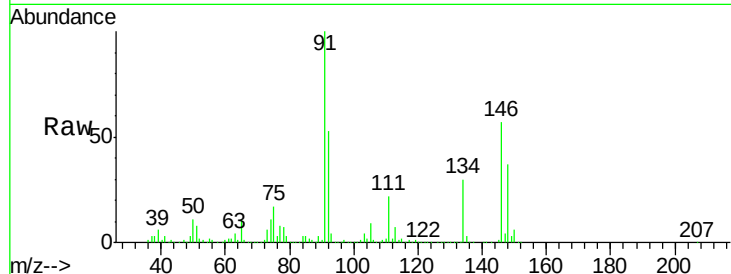




#89
n-Butylbenzene
Concen: 163.42 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

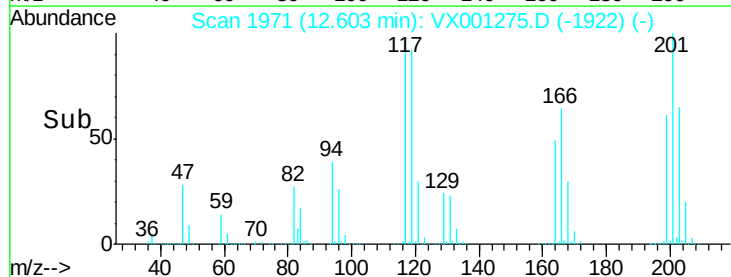
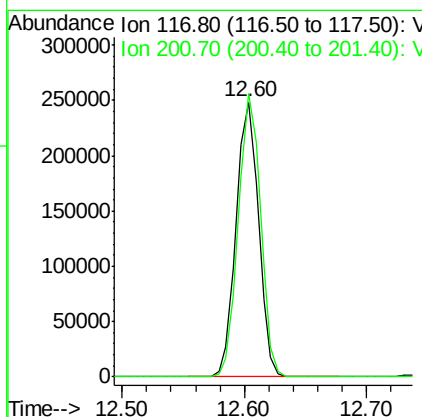
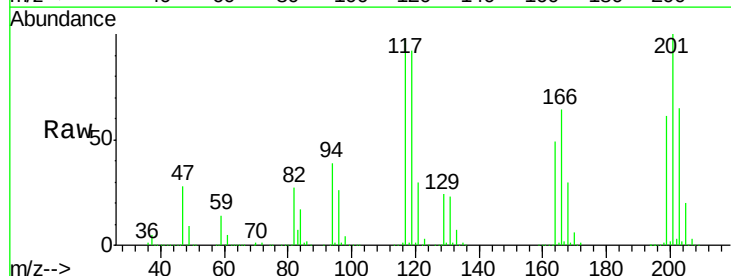
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

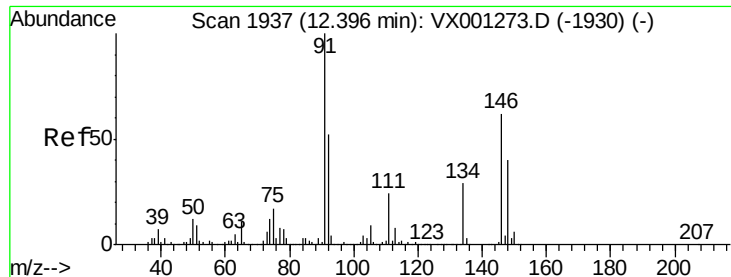
Tgt Ion: 91 Resp: 1686181
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.5
134 28.3 14.0 42.0



#90
Hexachloroethane
Concen: 185.17 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

Tgt Ion: 117 Resp: 313096
Ion Ratio Lower Upper
117 100
201 102.5 51.6 154.8





#91

1,2-Dichlorobenzene

Concen: 149.52 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

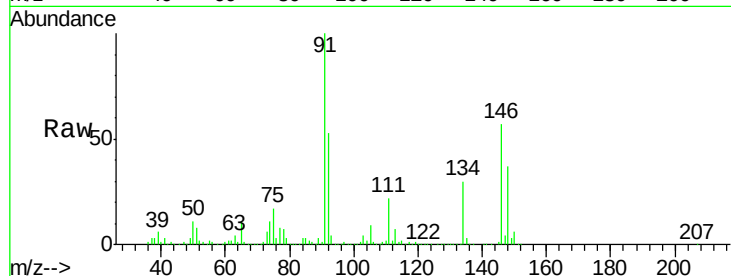
Tgt Ion:146 Resp: 1036357

Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.5

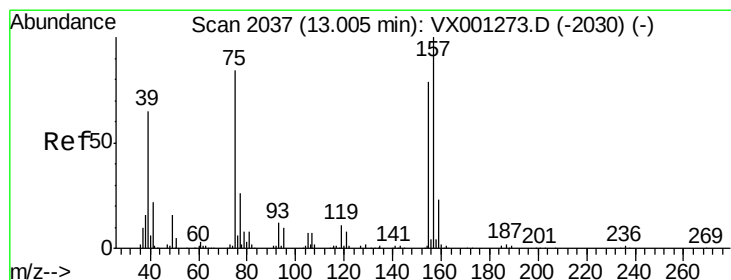
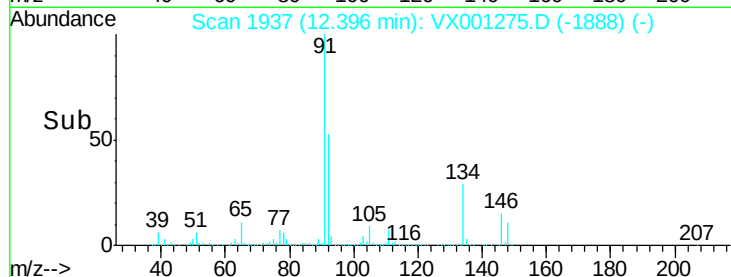
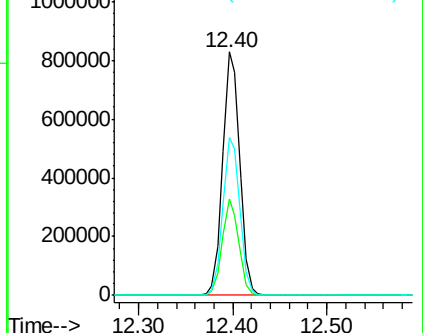
148 64.6 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 144.22 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001275.D

Acq: 01 May 2018 13:11

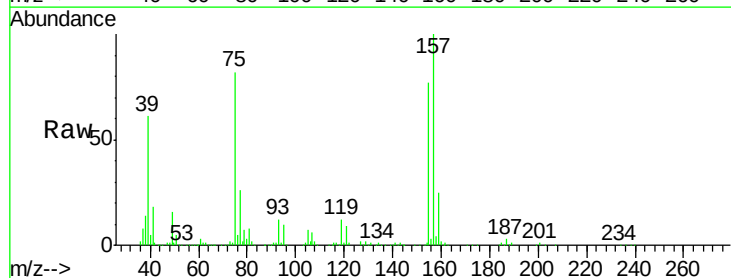
Tgt Ion: 75 Resp: 132769

Ion Ratio Lower Upper

75 100

155 99.3 49.9 149.7

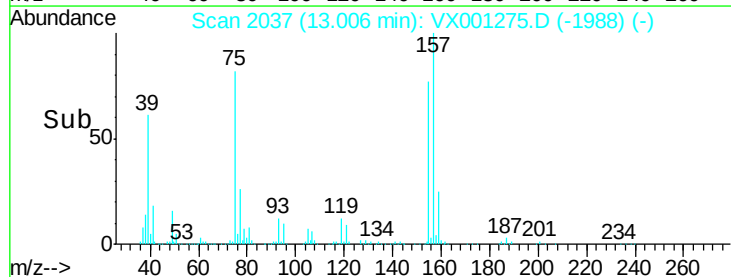
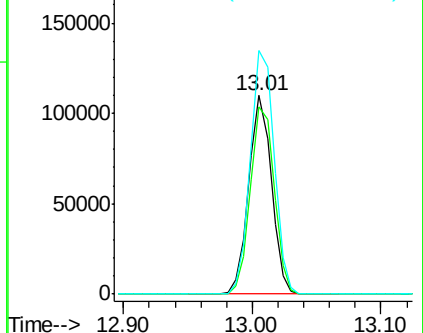
157 128.7 63.7 191.1

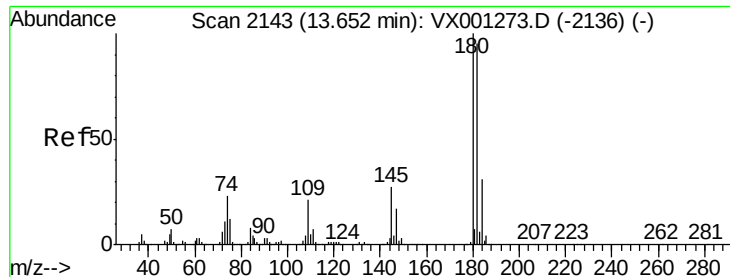


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

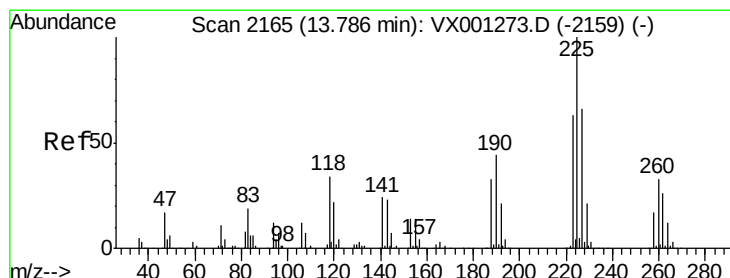
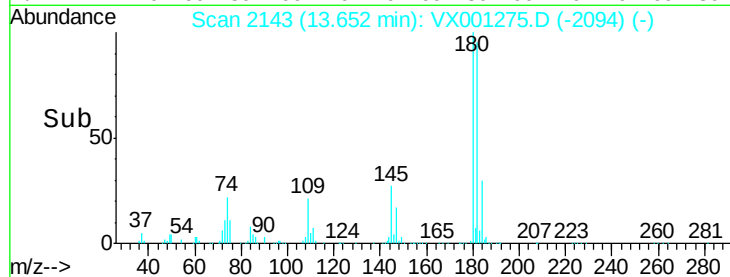
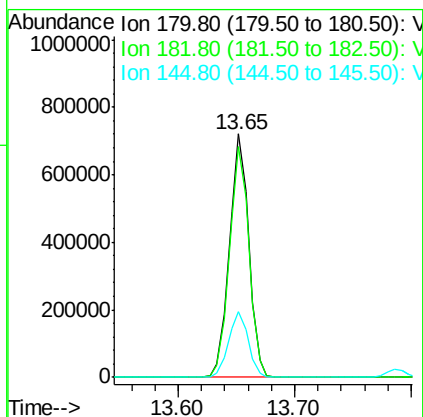
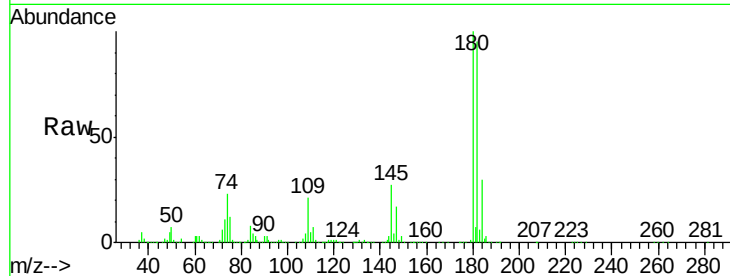




#93
 1,2,4-Trichlorobenzene
 Concen: 152.74 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001275.D
 Acq: 01 May 2018 13:11

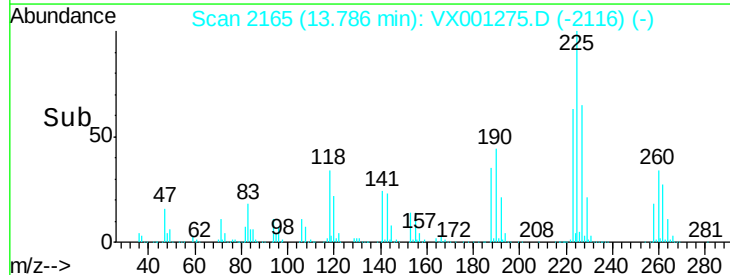
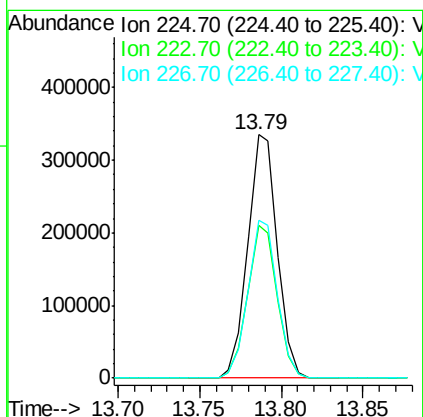
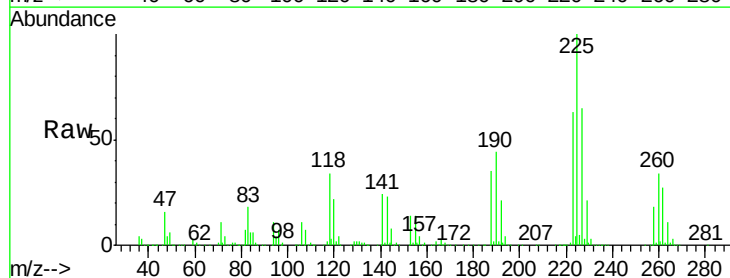
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

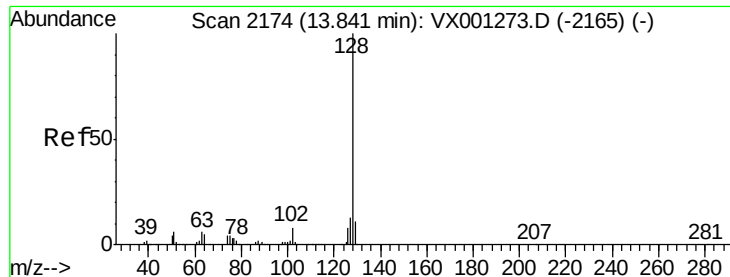
Tgt Ion:180 Resp: 832427
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 141.9
 145 27.3 13.5 40.4



#94
 Hexachlorobutadiene
 Concen: 162.08 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001275.D
 Acq: 01 May 2018 13:11

Tgt Ion:225 Resp: 423048
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.0
 227 64.6 32.5 97.5

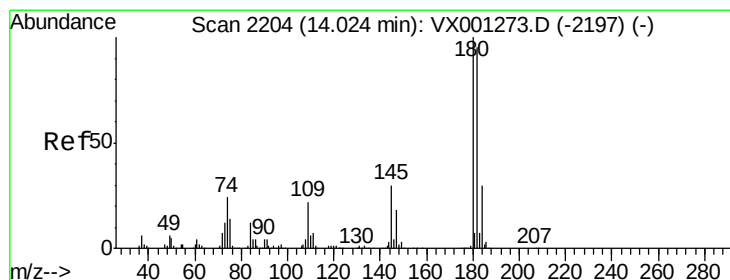
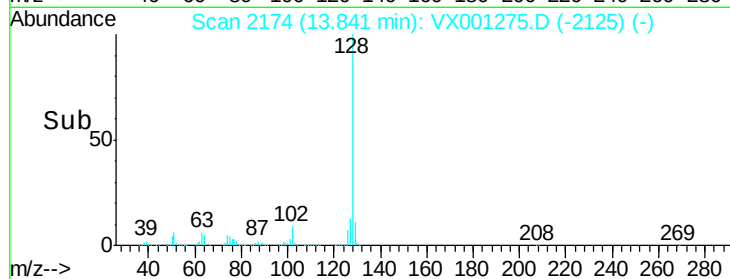
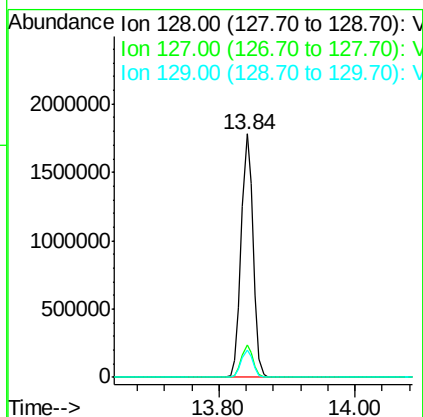
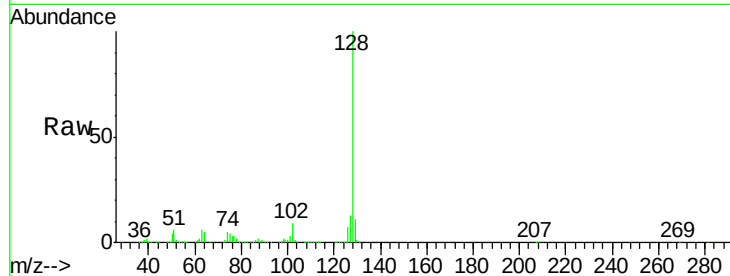




#95
Naphthalene
Concen: 143.08 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 2147970
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 149.97 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX001275.D
Acq: 01 May 2018 13:11

Tgt Ion:180 Resp: 811818
Ion Ratio Lower Upper
180 100
182 95.5 48.1 144.3
145 29.0 14.4 43.4

