

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050518\
 Data File : VX001418.D
 Acq On : 05 May 2018 14:17
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Quant Time: May 06 07:43:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:39:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	362849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	270770	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	543771	139.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.70%	
35) Dibromofluoromethane	5.51	113	462050	146.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.30%	
50) Toluene-d8	8.72	98	1685574	150.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.28%	
62) 4-Bromofluorobenzene	11.14	95	688895	153.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	579205	182.10	ug/l	99
3) Chloromethane	1.32	50	534145	170.80	ug/l	100
4) Vinyl Chloride	1.40	62	545473	166.70	ug/l	100
5) Bromomethane	1.64	94	251045	97.43	ug/l	99
6) Chloroethane	1.70	64	250059	119.63	ug/l	98
7) Trichlorofluoromethane	1.92	101	808635	149.04	ug/l	100
8) Diethyl Ether	2.19	74	318678	167.52	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	474372	150.96	ug/l	100
10) Methyl Iodide	2.50	142	747134	215.94	ug/l	99
11) Tert butyl alcohol	3.11	59	622919	897.92	ug/l	99
12) 1,1-Dichloroethene	2.37	96	449738	158.28	ug/l	98
13) Acrolein	2.30	56	122832	360.99	ug/l	97
14) Allyl chloride	2.72	41	848248	169.19	ug/l	98
15) Acrylonitrile	3.16	53	1400197	877.73	ug/l	99
16) Acetone	2.46	43	1240175	746.49	ug/l	98
17) Carbon Disulfide	2.56	76	1254299	168.97	ug/l	99
18) Methyl Acetate	2.79	43	678924	169.76	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	1540041	159.00	ug/l	99
20) Methylene Chloride	2.85	84	492866	136.28	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	485720	156.72	ug/l	98
22) Diisopropyl ether	3.88	45	1604074	166.93	ug/l	99
23) Vinyl Acetate	3.83	43	6874893	845.20	ug/l	99
24) 1,1-Dichloroethane	3.70	63	857250	159.77	ug/l	100
25) 2-Butanone	4.73	43	1910138	836.97	ug/l	99
26) 2,2-Dichloropropane	4.59	77	723885	166.93	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	539765	159.03	ug/l	96
28) Bromochloromethane	5.03	49	348008	146.61	ug/l	100
29) Tetrahydrofuran	5.18	42	1244307	879.55	ug/l	100
30) Chloroform	5.22	83	902007	159.76	ug/l	99
31) Cyclohexane	5.57	56	774564	160.58	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	830597	168.28	ug/l	99
36) 1,1-Dichloropropene	5.80	75	680868	159.14	ug/l	99
37) Ethyl Acetate	4.88	43	751156	171.85	ug/l	100
38) Carbon Tetrachloride	5.79	117	764898	169.93	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	838888	165.70	ug/l	98
40) Benzene	6.15	78	1984912	161.02	ug/l	99
41) Methacrylonitrile	5.07	41	429519	169.13	ug/l	99
42) 1,2-Dichloroethane	6.20	62	737619	154.40	ug/l	100
43) Isopropyl Acetate	6.48	43	1233721	176.02	ug/l	99
44) Trichloroethene	7.22	130	610296	161.81	ug/l	100
45) 1,2-Dichloropropane	7.52	63	497140	158.35	ug/l	99
46) Dibromomethane	7.67	93	347577	157.22	ug/l	98
47) Bromodichloromethane	7.90	83	707451	177.77	ug/l	99
48) Methyl methacrylate	7.79	41	667666	177.93	ug/l	99
49) 1,4-Dioxane	7.77	88	276280	3811.39	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	4035848	890.30	ug/l	98
52) Toluene	8.79	92	1319220	163.64	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	843878	179.01	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	801262	185.50	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	531115	163.96	ug/l	98
56) Ethyl methacrylate	9.19	69	861411	190.06	ug/l	97
57) 1,3-Dichloropropane	9.38	76	869654	165.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	2044689	928.38	ug/l	100
59) 2-Hexanone	9.51	43	3174704	898.87	ug/l	98
60) Dibromochloromethane	9.59	129	622639	183.38	ug/l	99
61) 1,2-Dibromoethane	9.68	107	571389	166.04	ug/l	99
64) Tetrachloroethene	9.34	164	673429	154.63	ug/l	99
65) Chlorobenzene	10.15	112	1550304	157.85	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	590286	172.61	ug/l	100
67) Ethyl Benzene	10.26	91	2578047	159.57	ug/l	100
68) m/p-Xylenes	10.37	106	2084018	327.20	ug/l	97
69) o-Xylene	10.71	106	1024408	165.32	ug/l	100
70) Styrene	10.72	104	1736010	171.40	ug/l	99
71) Bromoform	10.87	173	576632	199.74	ug/l	100
73) Isopropylbenzene	11.02	105	2722100	148.73	ug/l	99
74) N-amyl acetate	6.48	43	1233721	156.55	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	844043	155.19	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	1027966	203.18	ug/l	89
77) Bromobenzene	11.26	156	792654	150.86	ug/l	99
78) n-propylbenzene	11.37	91	3006211	148.34	ug/l	99
79) 2-Chlorotoluene	11.43	91	1804428	147.32	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	2317317	151.57	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	280746	211.97	ug/l	94
82) 4-Chlorotoluene	11.52	91	2154694	147.07	ug/l	99
83) tert-Butylbenzene	11.77	119	2388928	156.73	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	2391644	152.44	ug/l	99
85) sec-Butylbenzene	11.95	105	2782190	152.24	ug/l	99
86) p-Isopropyltoluene	12.07	119	2611645	155.53	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	1449468	147.60	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1468243	145.58	ug/l	100
89) n-Butylbenzene	12.40	91	2253709	155.12	ug/l	98
90) Hexachloroethane	12.60	117	447020	183.73	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	1468049	150.22	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	203214	182.73	ug/l	99

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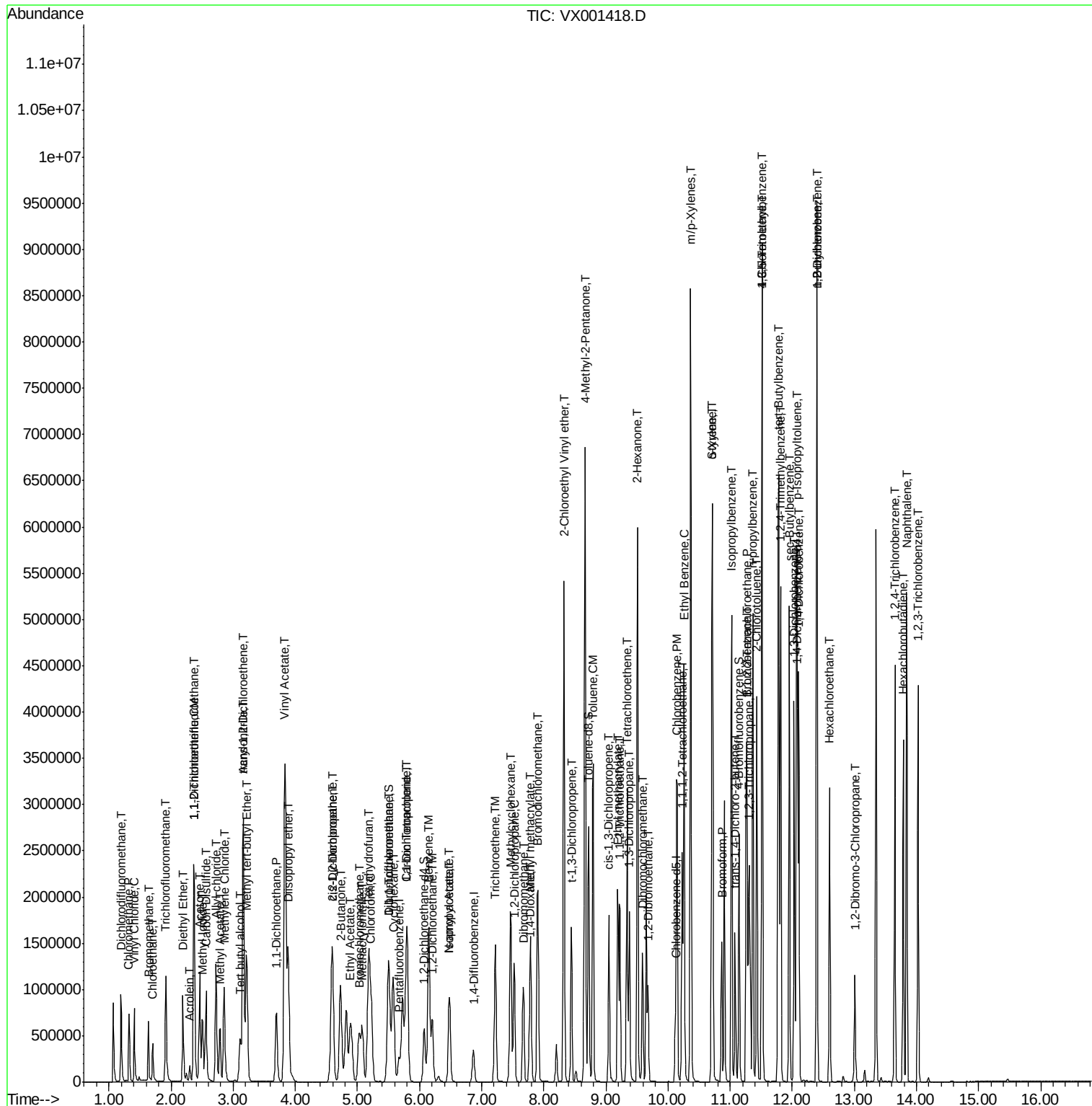
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

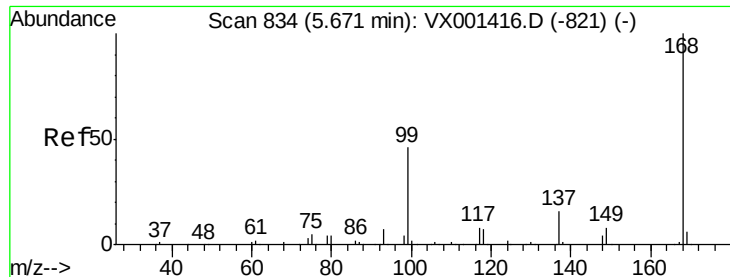
Quant Time: May 06 07:43:10 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:39:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1167654	149.43	ug/l	100
94) Hexachlorobutadiene	13.79	225	616006	150.21	ug/l	100
95) Naphthalene	13.84	128	3184373	159.24	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1158508	150.40	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

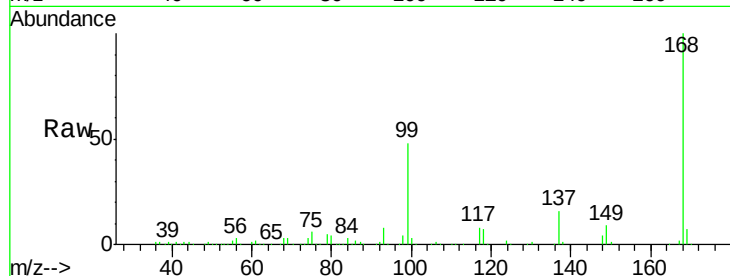
VSTDIC150

Tgt Ion:168 Resp: 278366

Ion Ratio Lower Upper

168 100

99 47.4 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

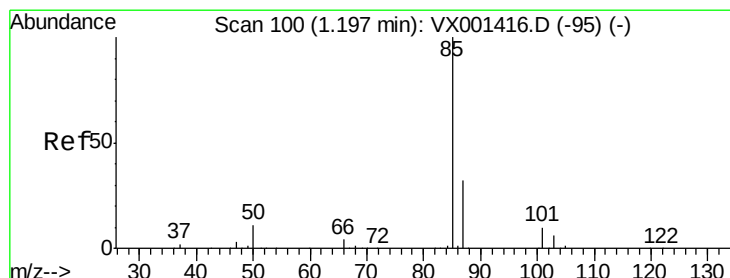
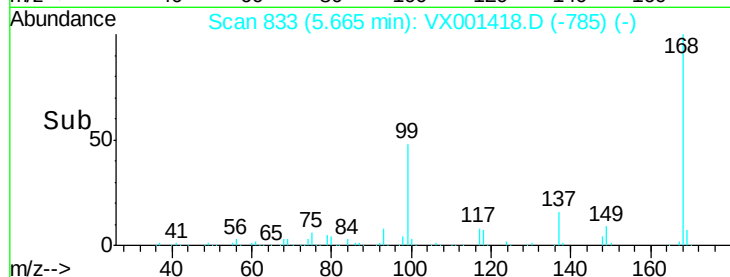
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 182.10 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX001418.D

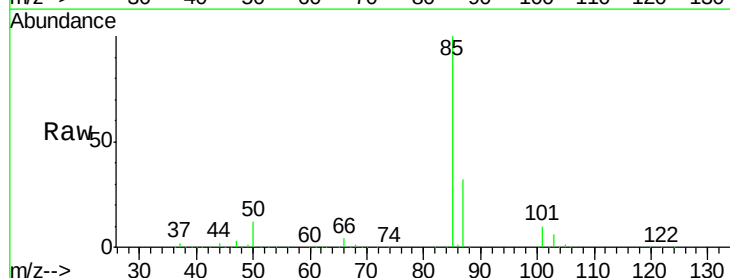
Acq: 05 May 2018 14:17

Tgt Ion: 85 Resp: 579205

Ion Ratio Lower Upper

85 100

87 31.6 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

600000

500000

400000

300000

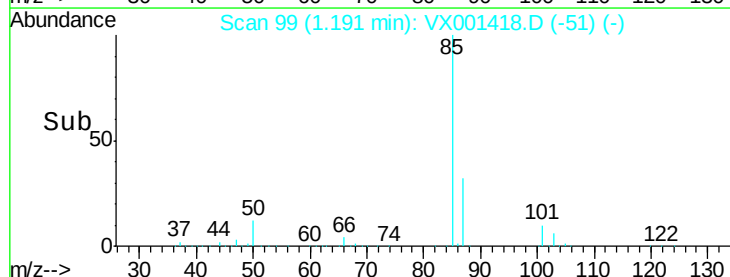
200000

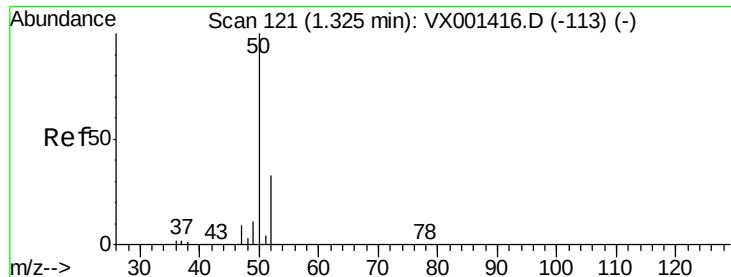
100000

0

1.10 1.20 1.30 1.40

Time-->





#3

Chloromethane

Concen: 170.80 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

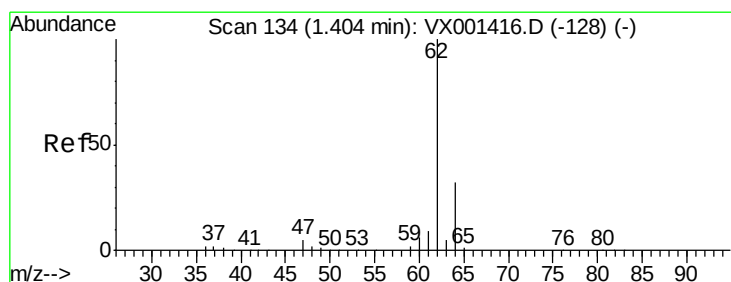
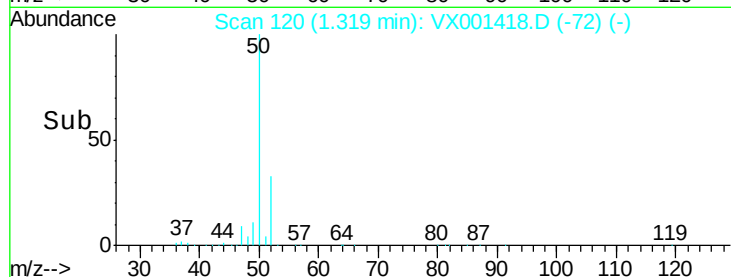
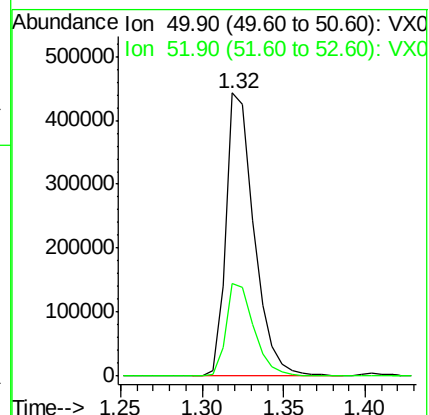
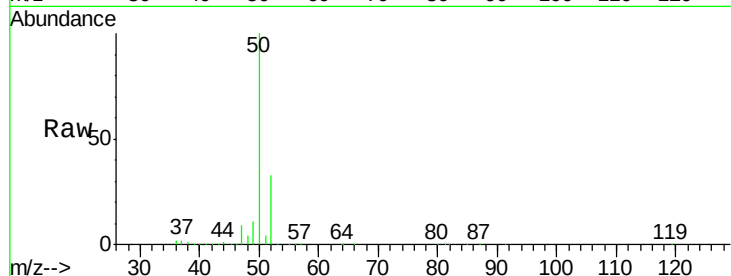
VSTDIC150

Tgt Ion: 50 Resp: 534145

Ion Ratio Lower Upper

50 100

52 32.6 26.2 39.4



#4

Vinyl Chloride

Concen: 166.70 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001418.D

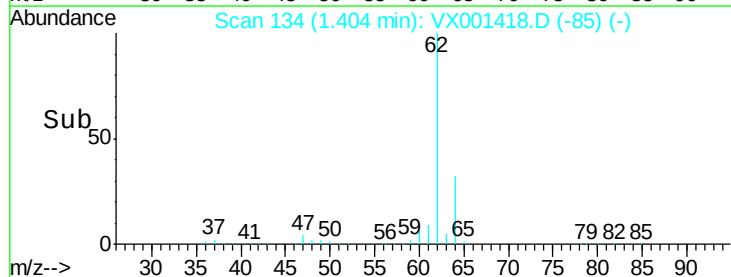
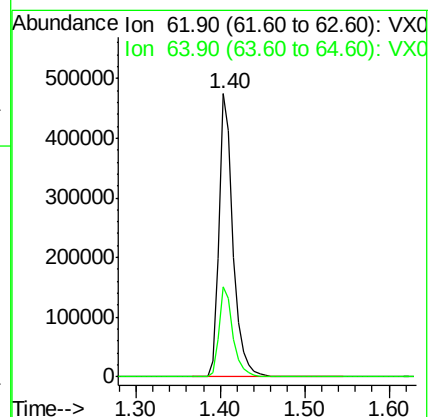
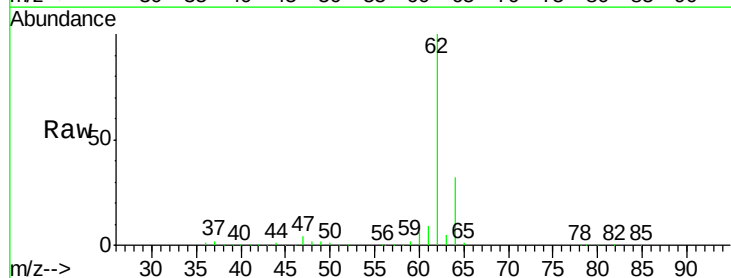
Acq: 05 May 2018 14:17

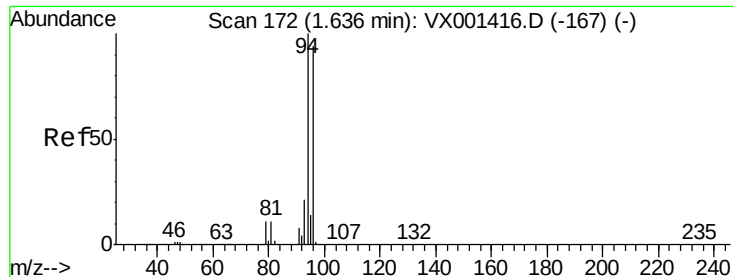
Tgt Ion: 62 Resp: 545473

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.6





#5

Bromomethane

Concen: 97.43 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

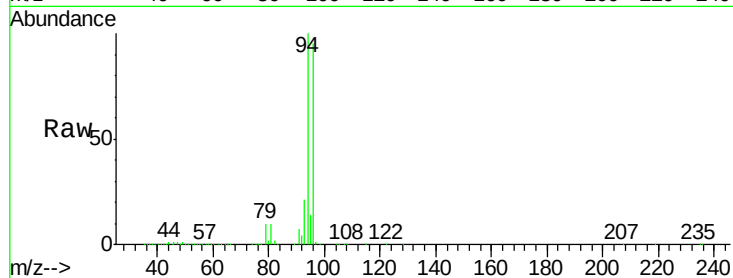
VSTDIC150

Tgt Ion: 94 Resp: 251045

Ion Ratio Lower Upper

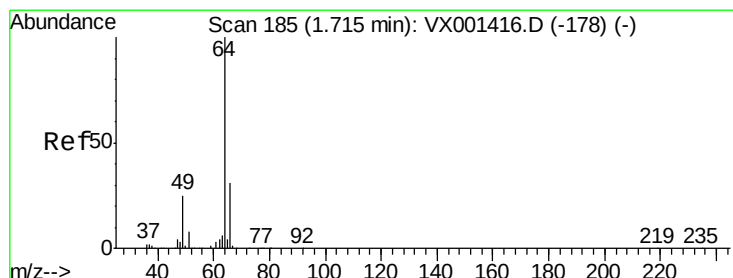
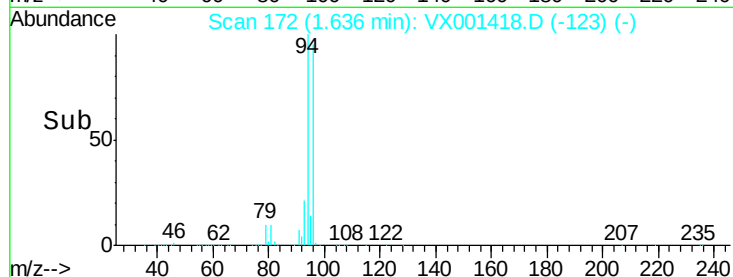
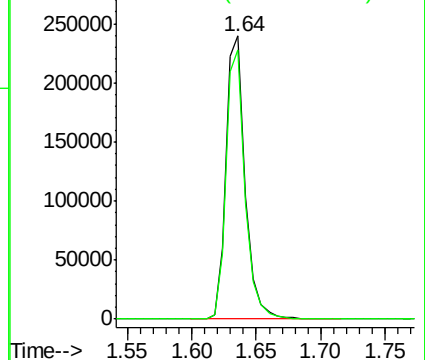
94 100

96 95.1 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 119.63 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.01 min

Lab File: VX001418.D

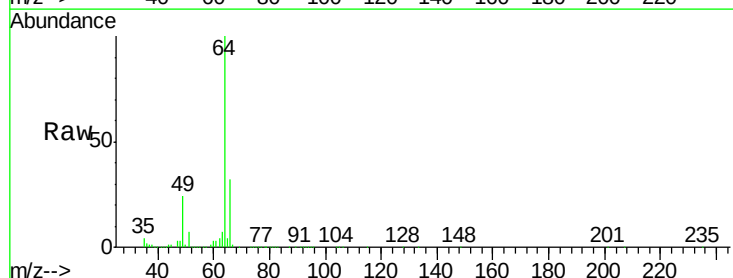
Acq: 05 May 2018 14:17

Tgt Ion: 64 Resp: 250059

Ion Ratio Lower Upper

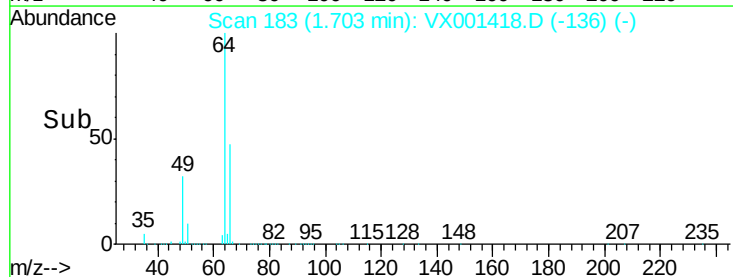
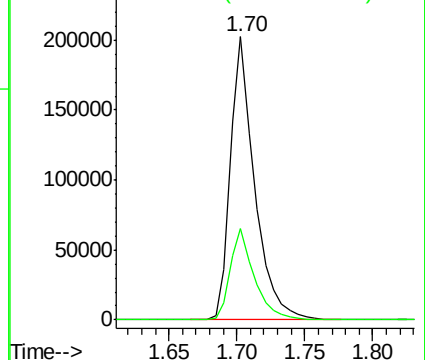
64 100

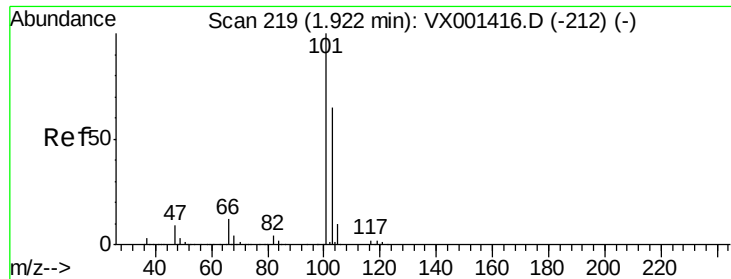
66 32.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



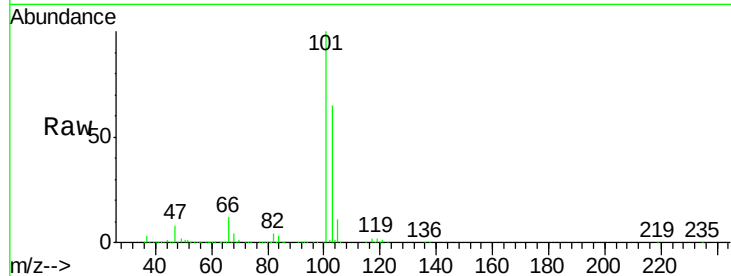


#7

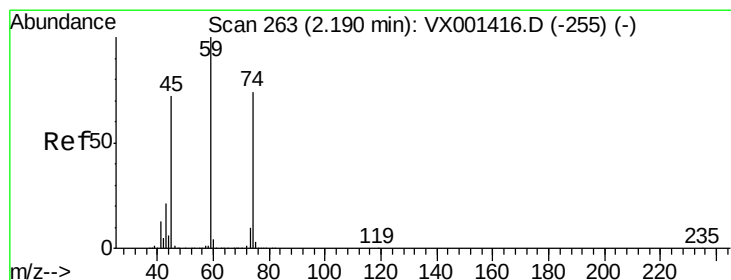
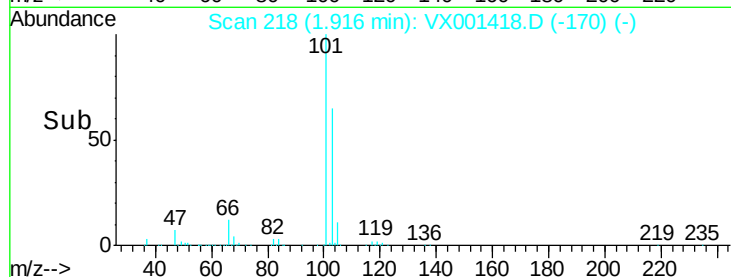
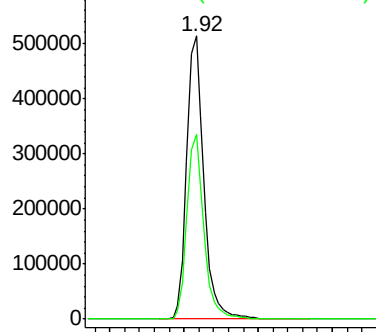
Trichlorofluoromethane
 Concen: 149.04 ug/l
 RT: 1.92 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Instrument :
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 VSTDIC150

Tgt Ion: 101 Resp: 808635
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.0 78.0



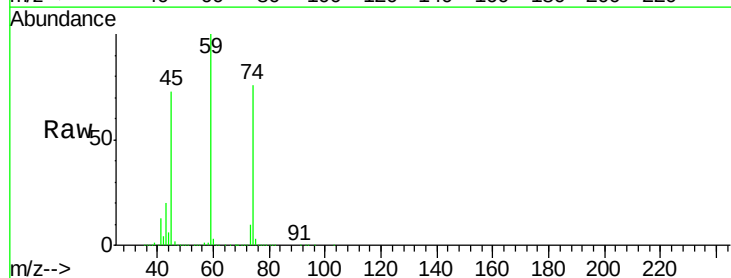
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



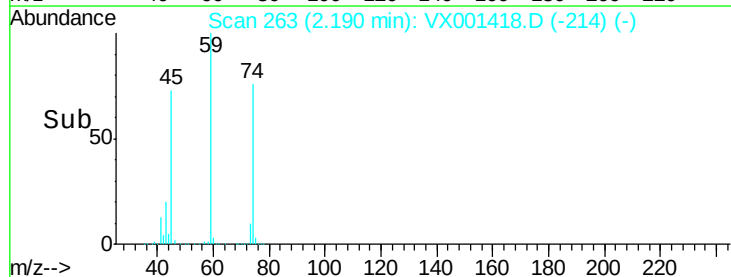
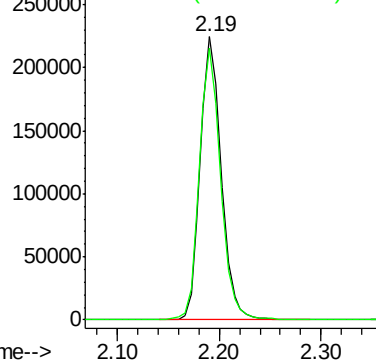
#8

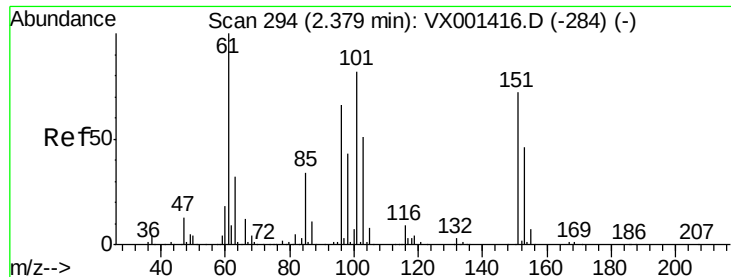
Diethyl Ether
 Concen: 167.52 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion: 74 Resp: 318678
 Ion Ratio Lower Upper
 74 100
 45 97.0 47.9 143.6



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 150.96 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

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MSVOA_X

ClientSampleId :

VSTDIC150

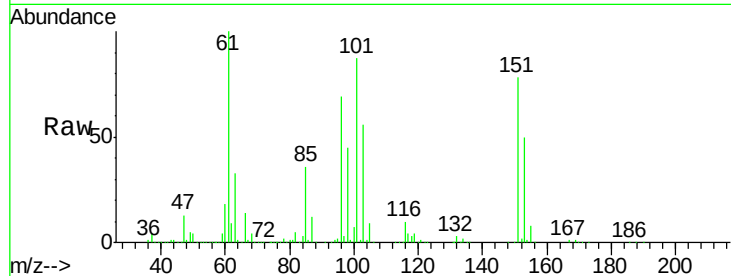
Tgt Ion:101 Resp: 474372

Ion Ratio Lower Upper

101 100

85 42.0 33.7 50.5

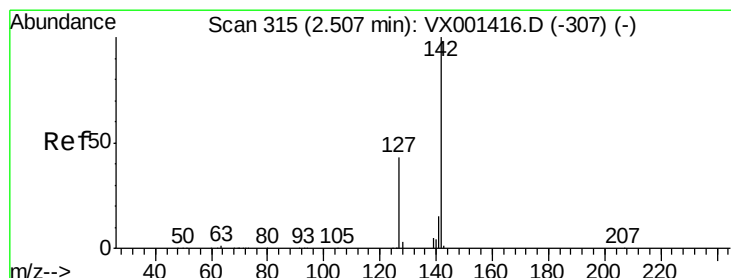
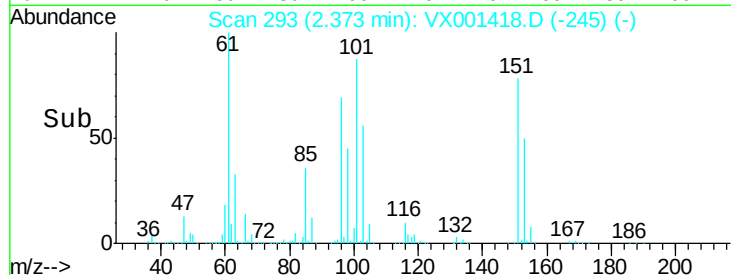
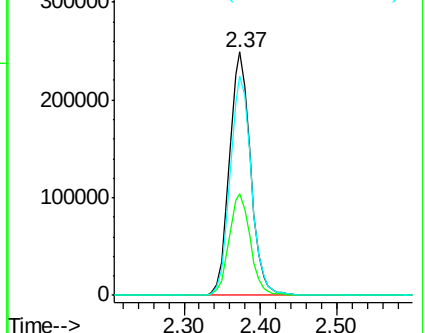
151 90.8 72.3 108.5



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: 215.94 ug/l

RT: 2.50 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

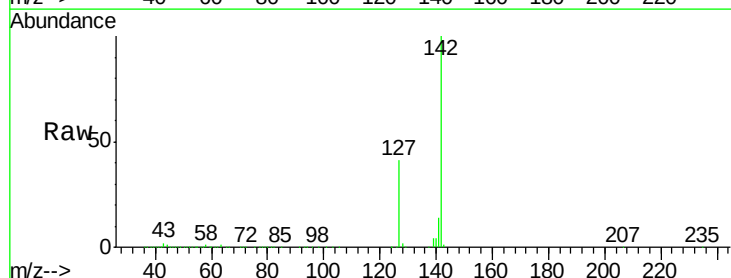
Tgt Ion:142 Resp: 747134

Ion Ratio Lower Upper

142 100

127 41.0 33.6 50.4

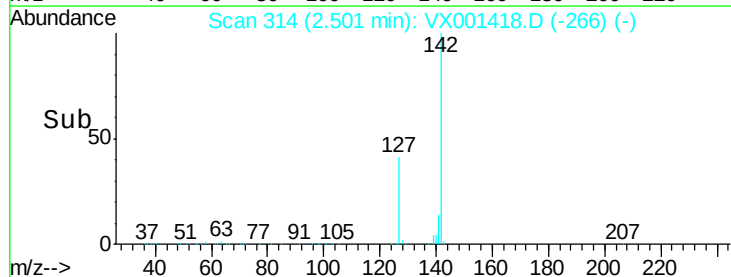
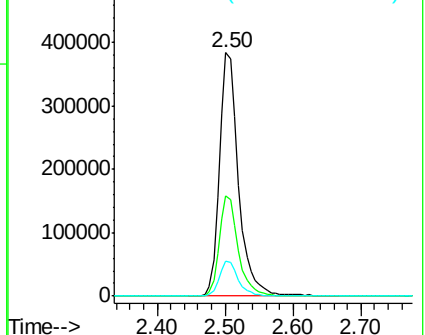
141 14.3 11.4 17.2

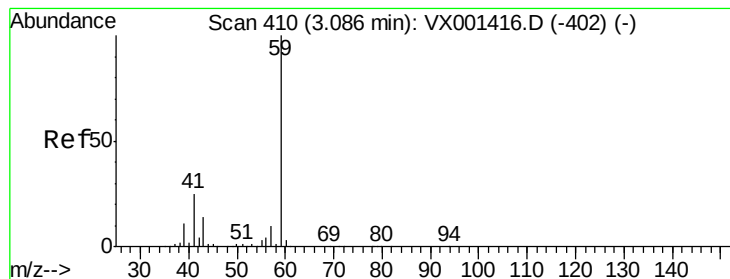


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



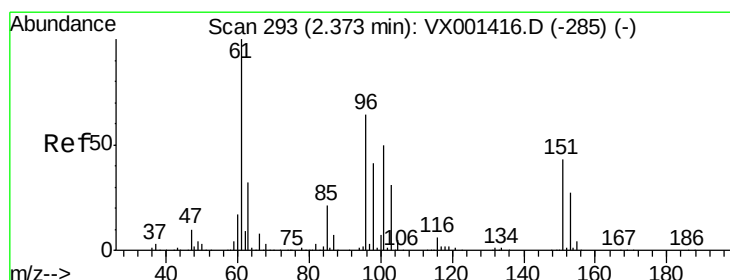
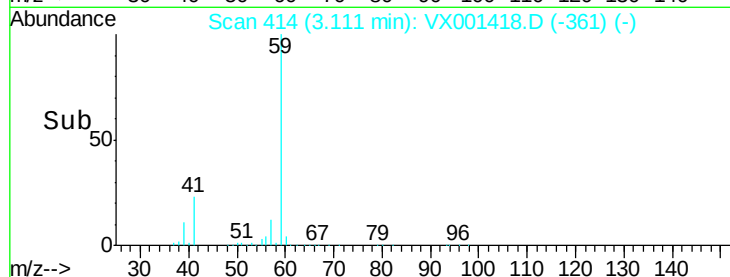
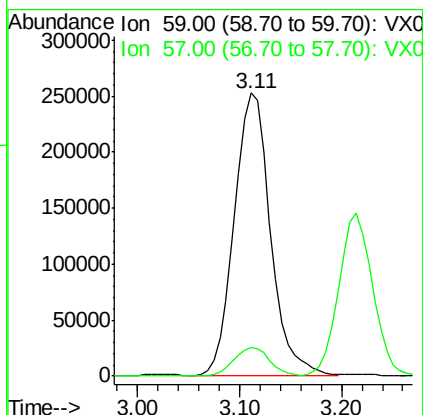
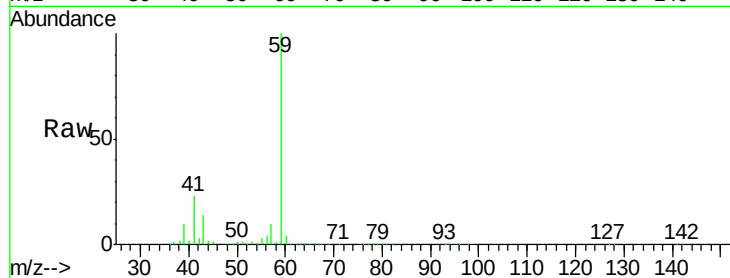


#11

Tert butyl alcohol
Concen: 897.92 ug/l
RT: 3.11 min Scan# 414
Delta R.T. 0.02 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

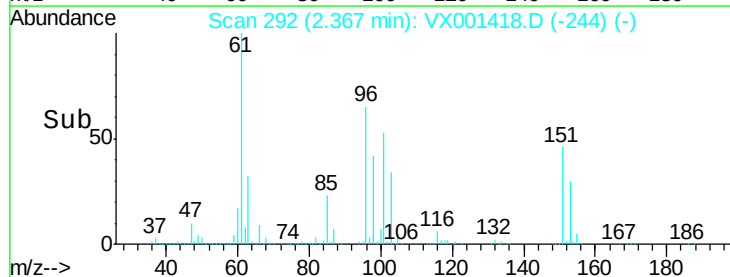
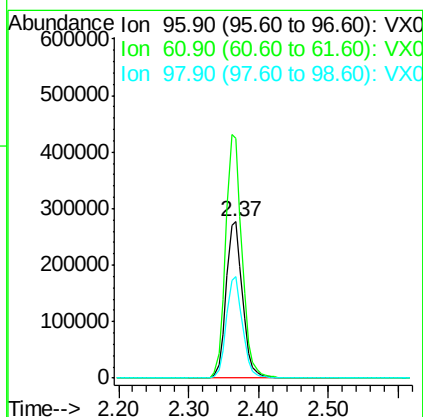
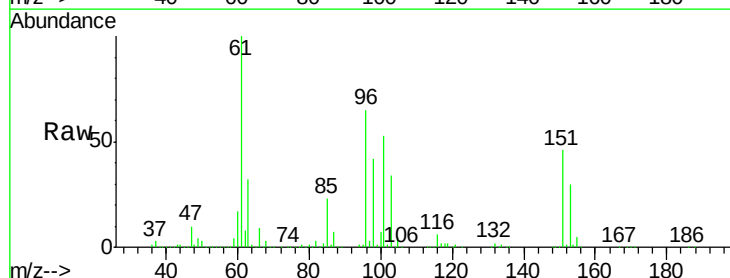
Tgt Ion: 59 Resp: 622919
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

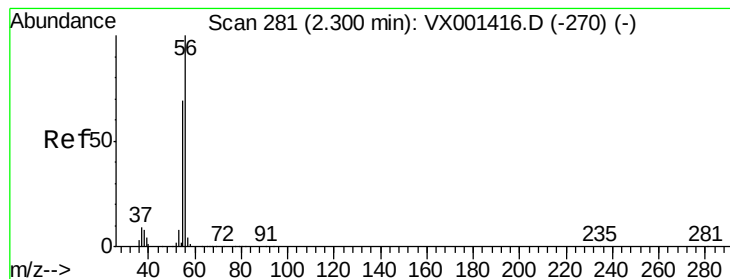


#12

1,1-Dichloroethene
Concen: 158.28 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion: 96 Resp: 449738
Ion Ratio Lower Upper
96 100
61 153.8 125.7 188.5
98 64.9 52.0 78.0





#13

Acrolein

Concen: 360.99 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

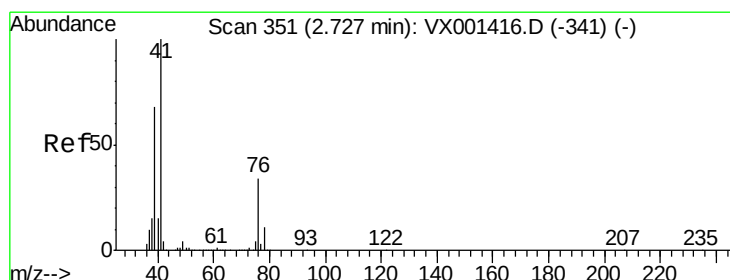
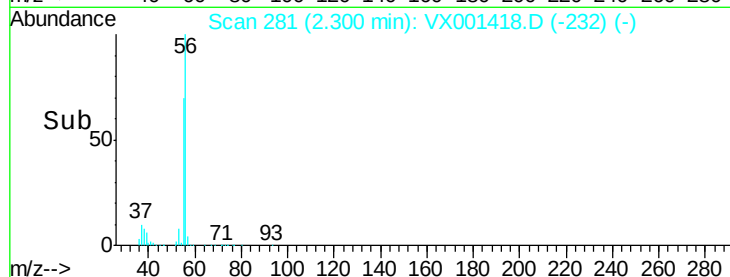
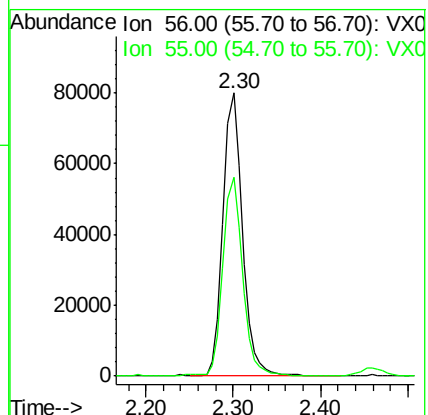
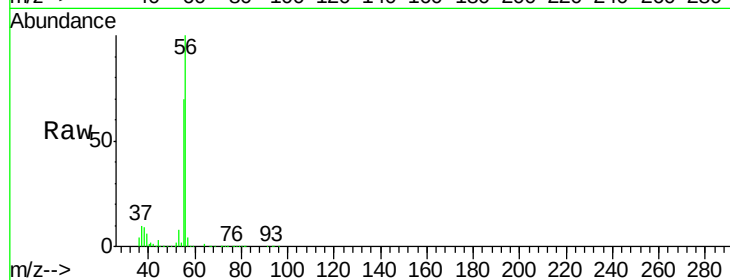
VSTDIC150

Tgt Ion: 56 Resp: 122832

Ion Ratio Lower Upper

56 100

55 70.2 54.5 81.7



#14

Allyl chloride

Concen: 169.19 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

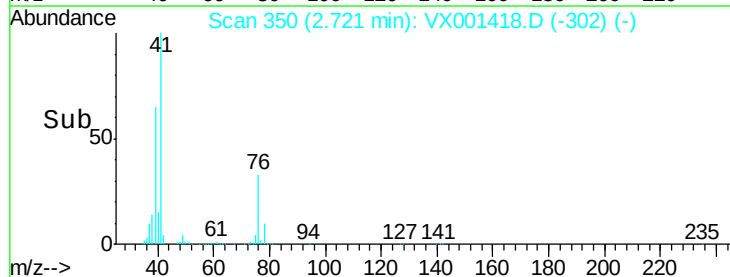
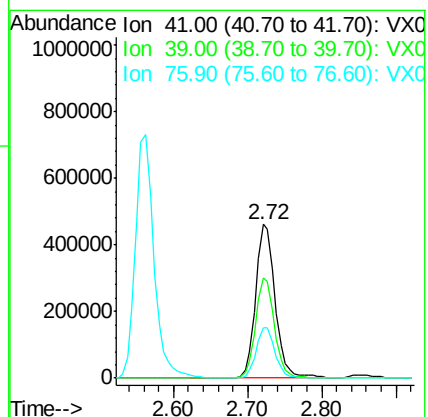
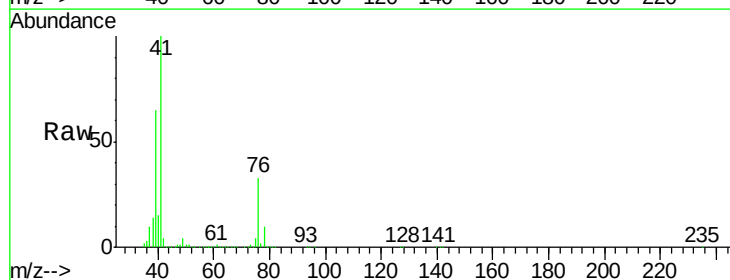
Tgt Ion: 41 Resp: 848248

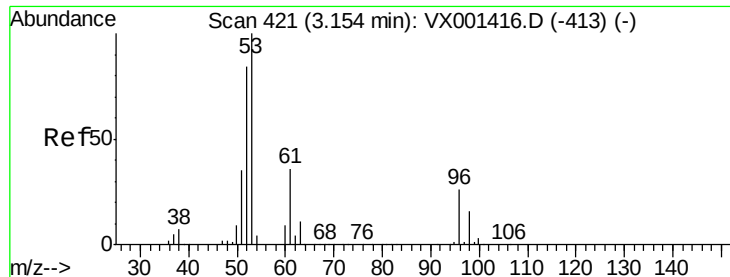
Ion Ratio Lower Upper

41 100

39 63.3 52.4 78.6

76 32.2 25.8 38.6





#15

Acrylonitrile

Concen: 877.73 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

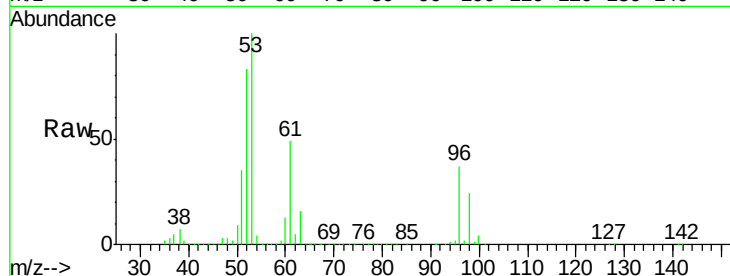
Tgt Ion: 53 Resp: 1400197

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.2

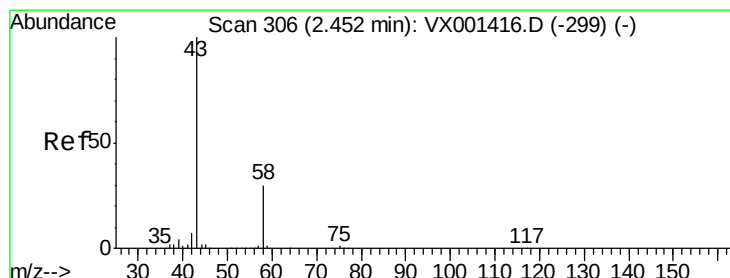
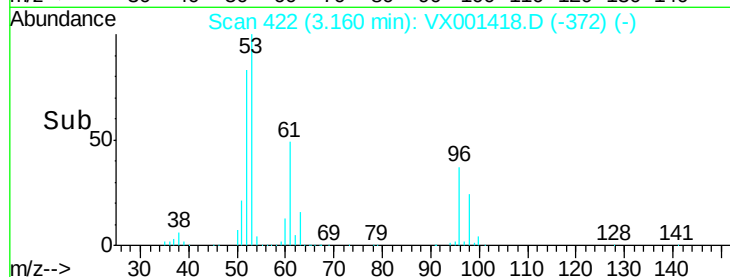
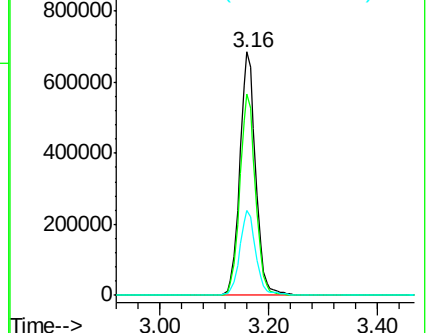
51 35.7 28.6 43.0



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: 746.49 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX001418.D

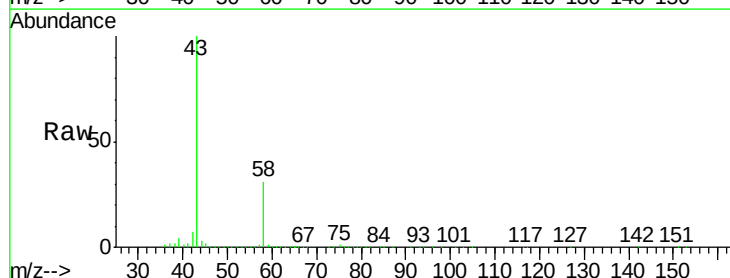
Acq: 05 May 2018 14:17

Tgt Ion: 43 Resp: 1240175

Ion Ratio Lower Upper

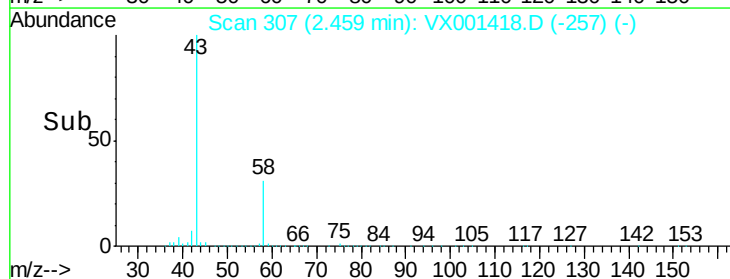
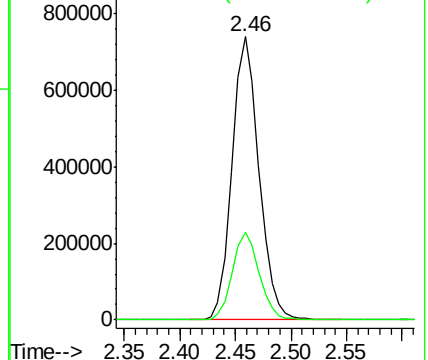
43 100

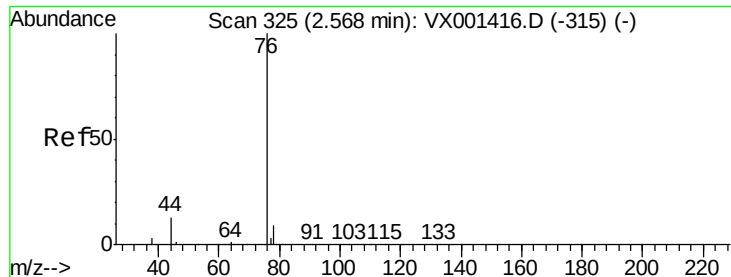
58 31.1 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 168.97 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

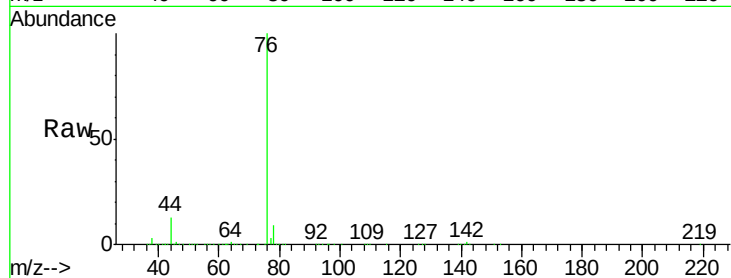
VSTDIC150

Tgt Ion: 76 Resp: 1254299

Ion Ratio Lower Upper

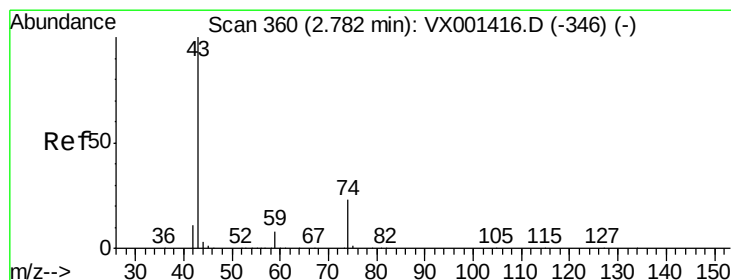
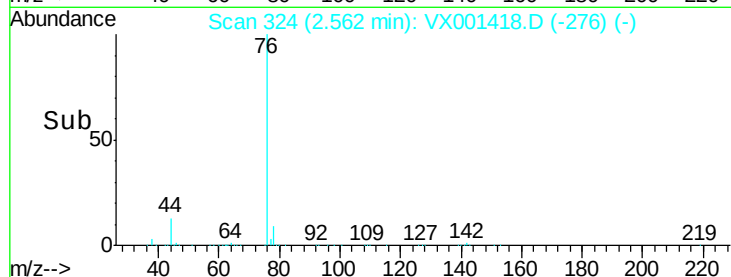
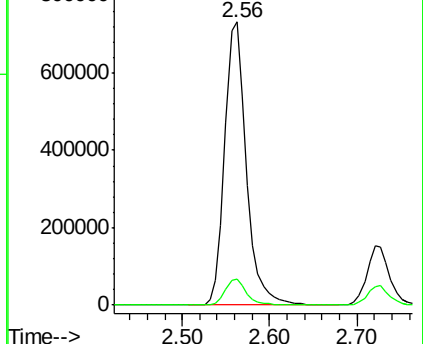
76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 169.76 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX001418.D

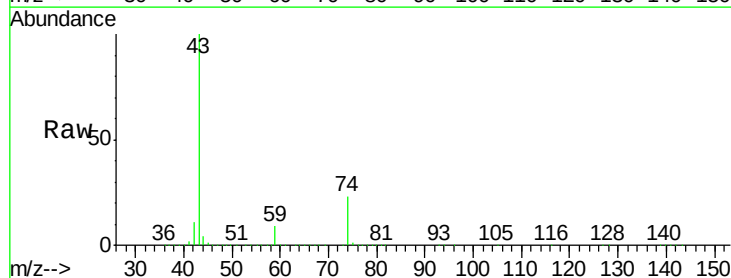
Acq: 05 May 2018 14:17

Tgt Ion: 43 Resp: 678924

Ion Ratio Lower Upper

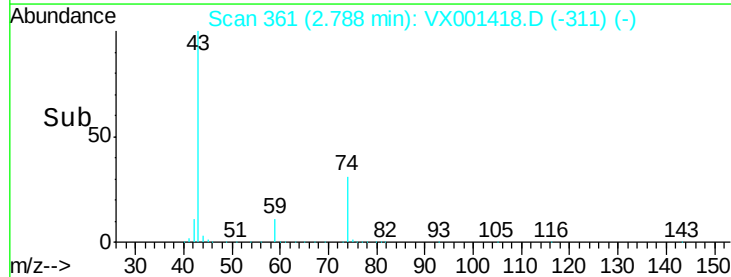
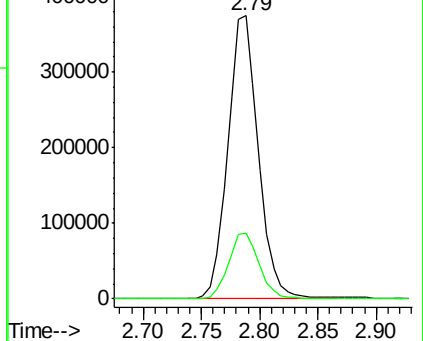
43 100

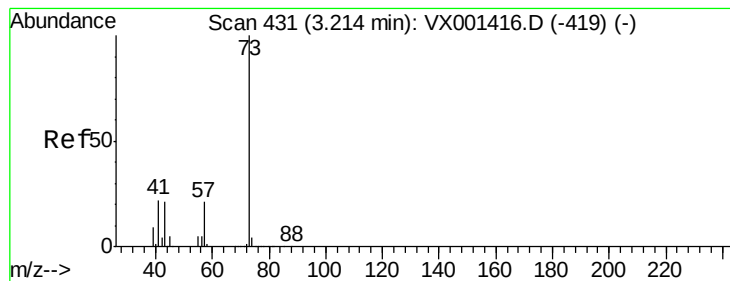
74 23.4 18.6 27.8



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: 159.00 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

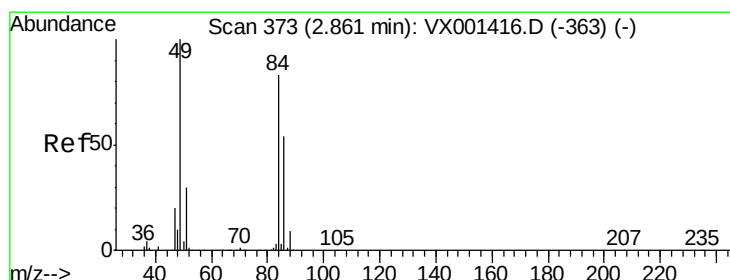
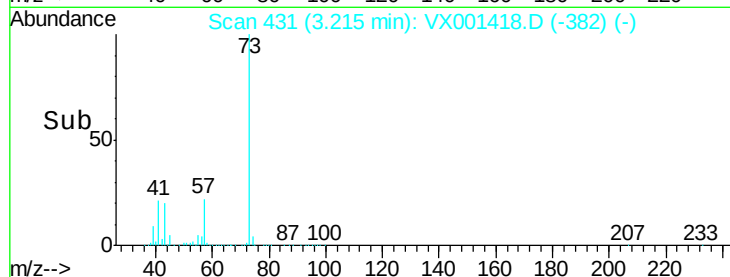
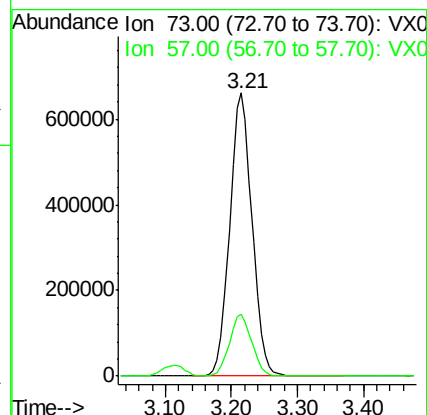
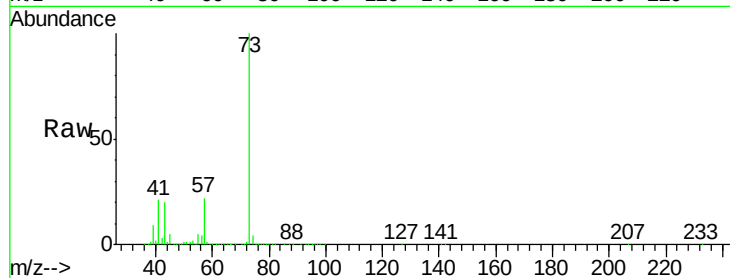
VSTDIC150

Tgt Ion: 73 Resp: 1540041

Ion Ratio Lower Upper

73 100

57 22.0 17.0 25.6



#20

Methylene Chloride

Concen: 136.28 ug/l

RT: 2.85 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Tgt Ion: 84 Resp: 492866

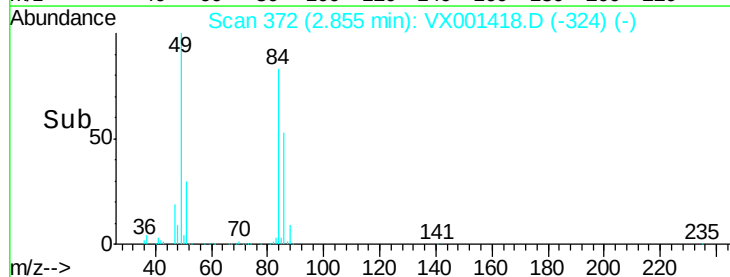
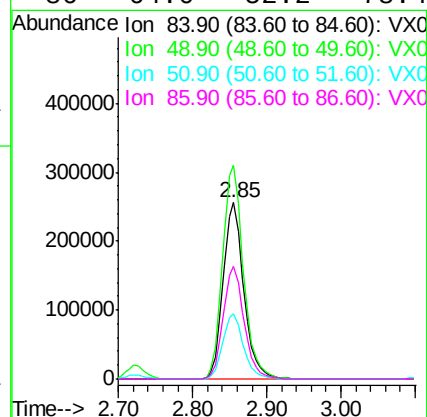
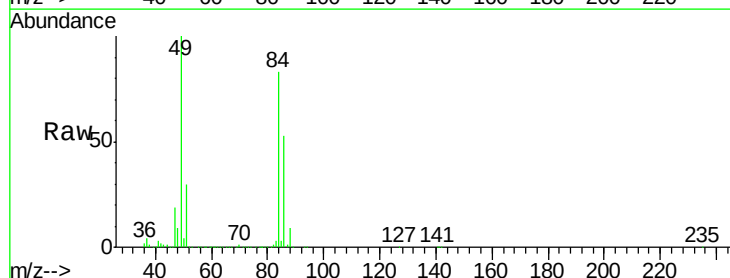
Ion Ratio Lower Upper

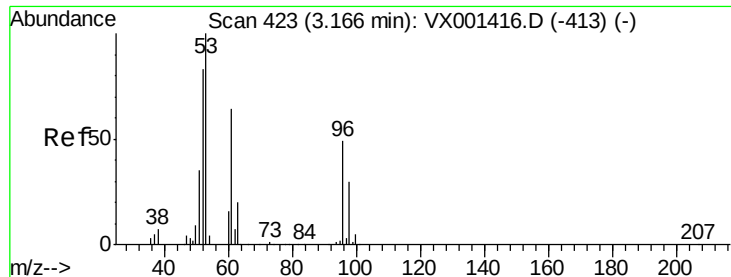
84 100

49 121.1 96.6 144.8

51 36.8 29.0 43.4

86 64.0 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 156.72 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

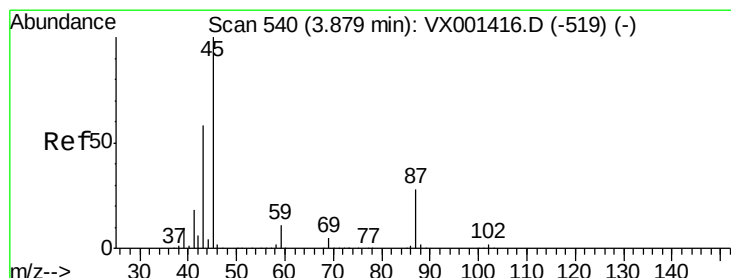
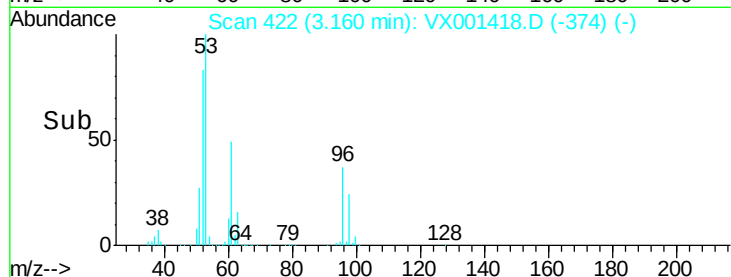
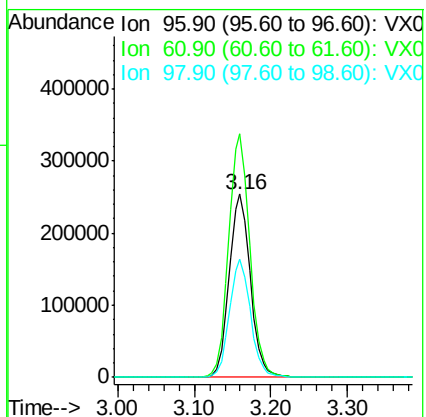
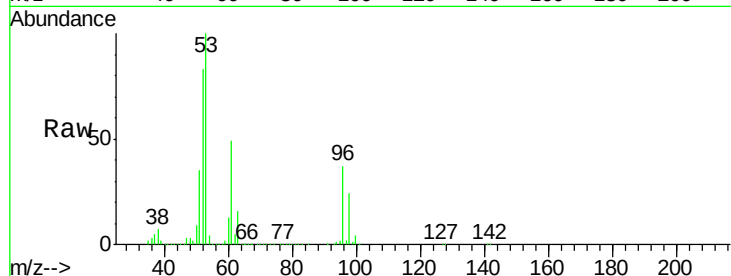
Tgt Ion: 96 Resp: 485720

Ion Ratio Lower Upper

96 100

61 132.7 105.0 157.4

98 64.4 49.9 74.9



#22

Diisopropyl ether

Concen: 166.93 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Tgt Ion: 45 Resp: 1604074

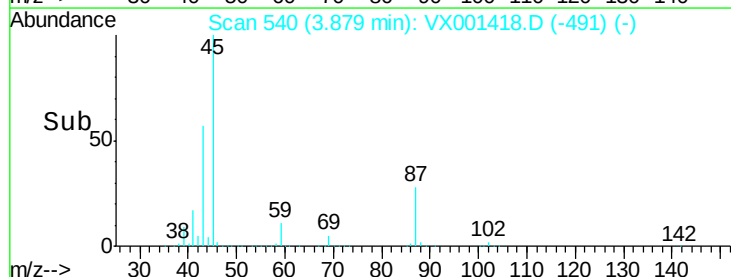
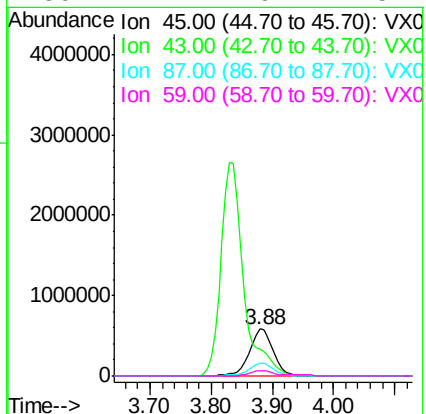
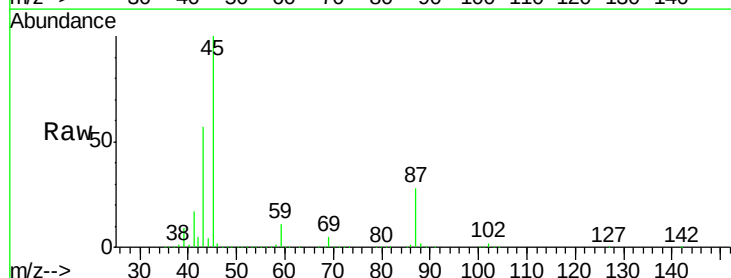
Ion Ratio Lower Upper

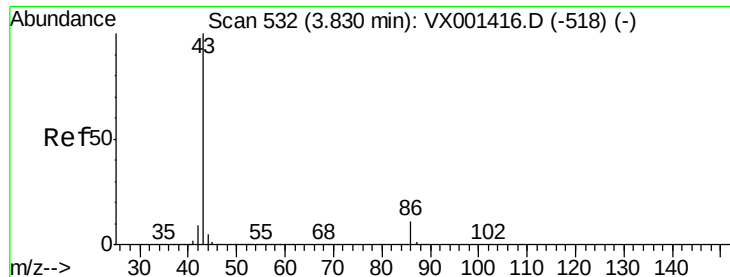
45 100

43 57.1 46.5 69.7

87 28.2 22.6 34.0

59 11.4 9.1 13.7





#23

Vinyl Acetate

Concen: 845.20 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

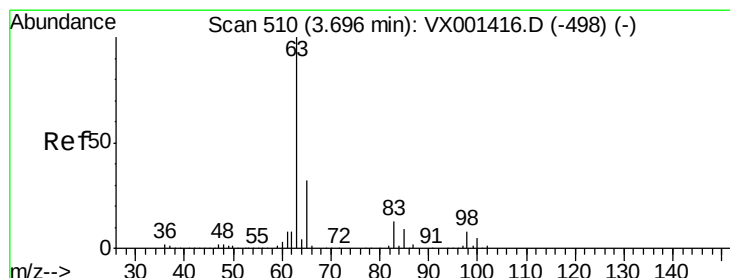
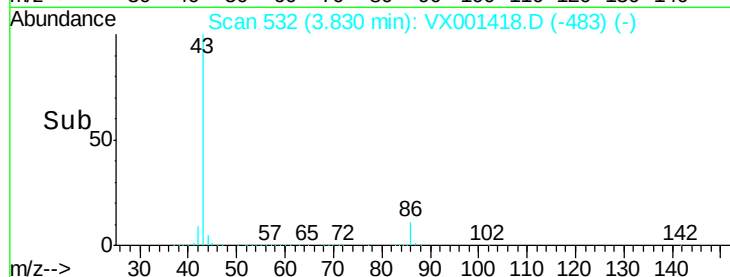
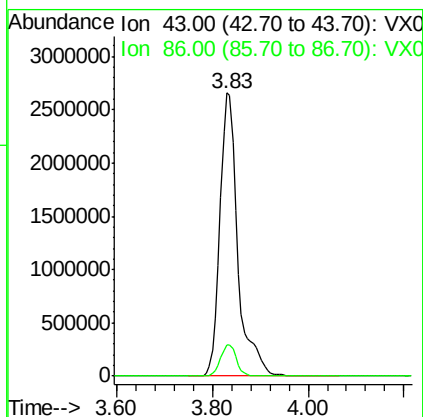
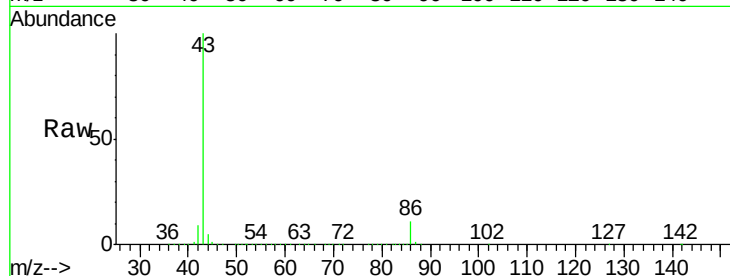
VSTDIC150

Tgt Ion: 43 Resp: 6874893

Ion Ratio Lower Upper

43 100

86 11.2 8.6 13.0



#24

1,1-Dichloroethane

Concen: 159.77 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

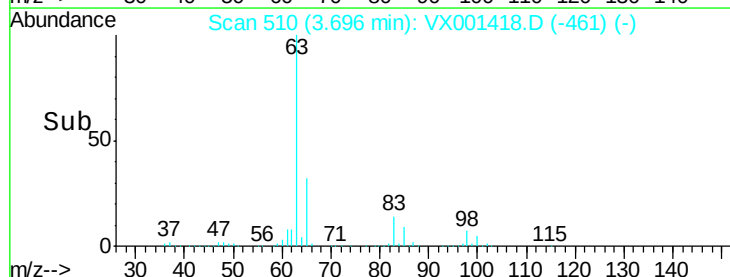
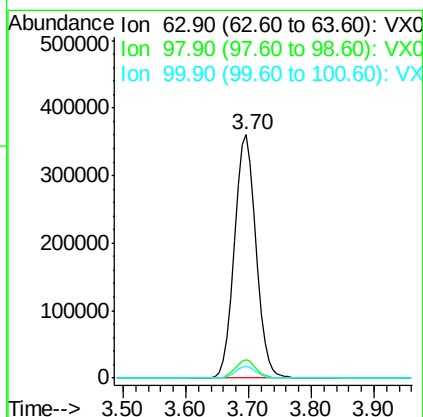
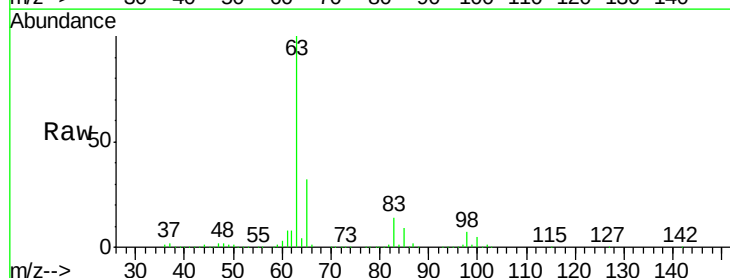
Tgt Ion: 63 Resp: 857250

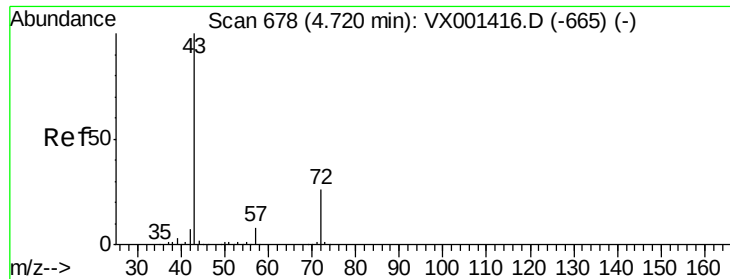
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 836.97 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

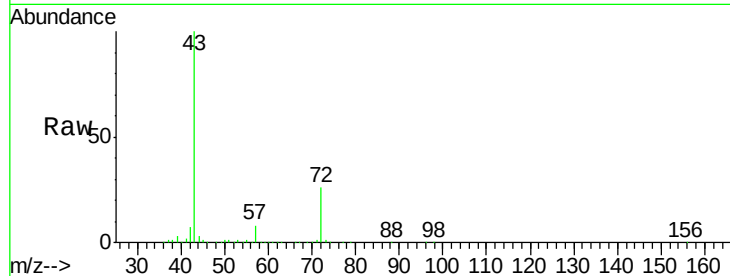
VSTDIC150

Tgt Ion: 43 Resp: 1910138

Ion Ratio Lower Upper

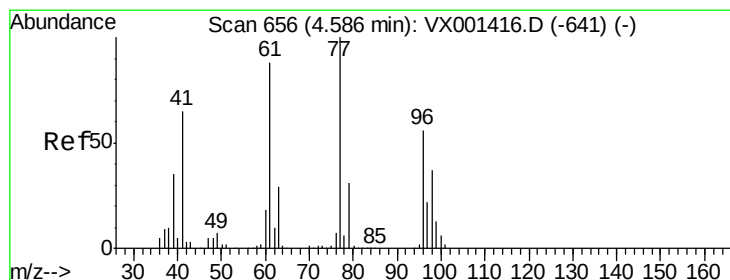
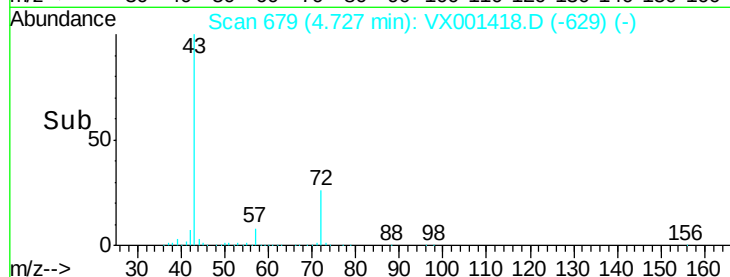
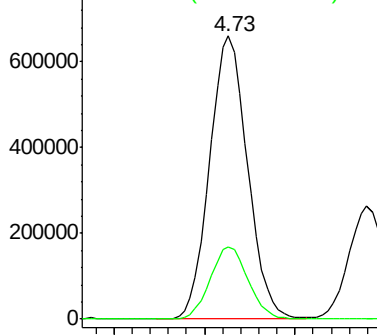
43 100

72 25.5 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 166.93 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001418.D

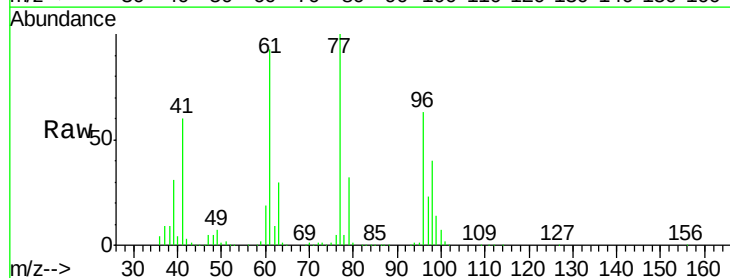
Acq: 05 May 2018 14:17

Tgt Ion: 77 Resp: 723885

Ion Ratio Lower Upper

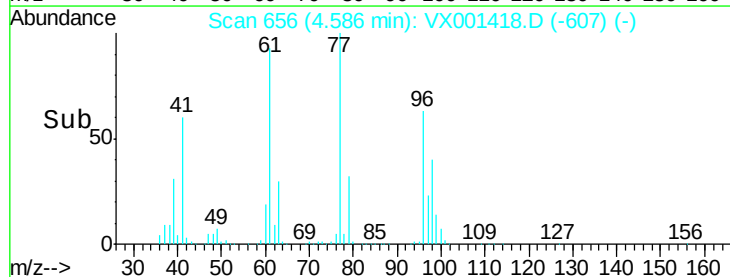
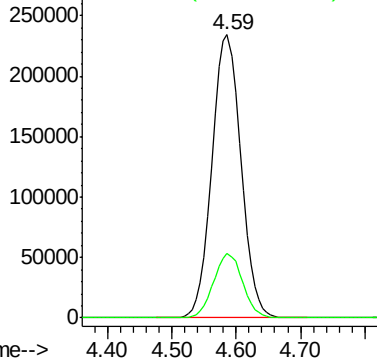
77 100

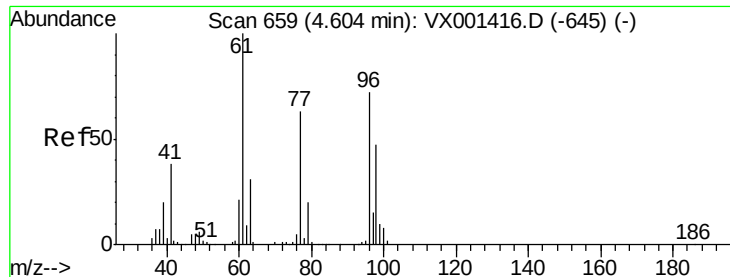
97 22.8 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



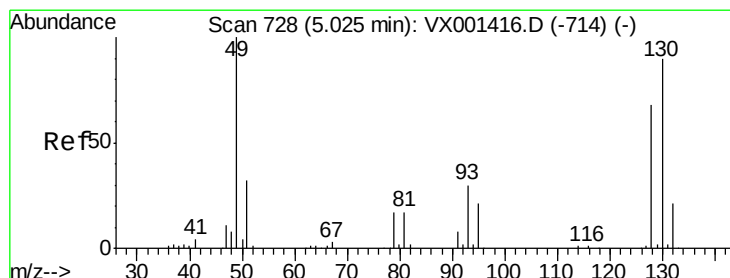
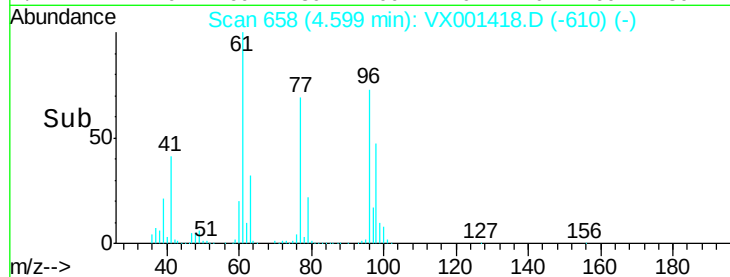
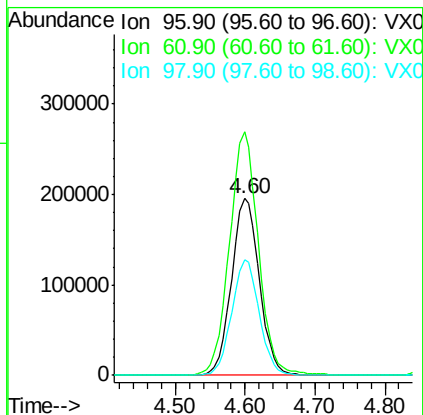
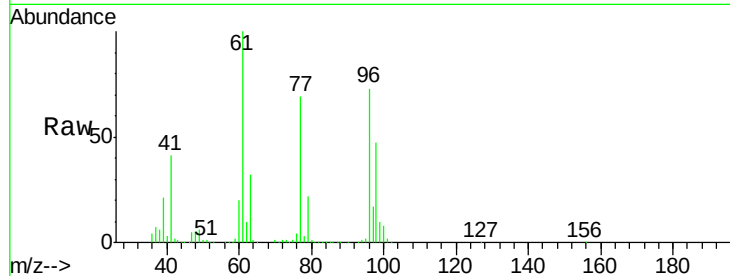


#27

cis-1,2-Dichloroethene
 Concen: 159.03 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

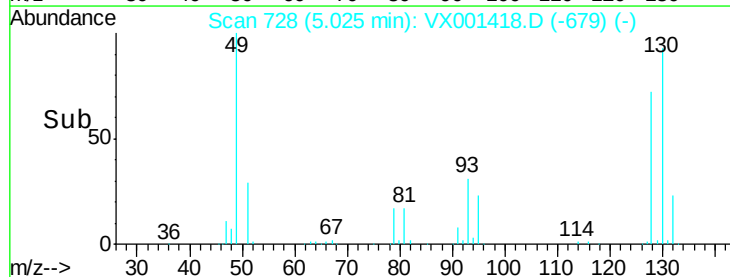
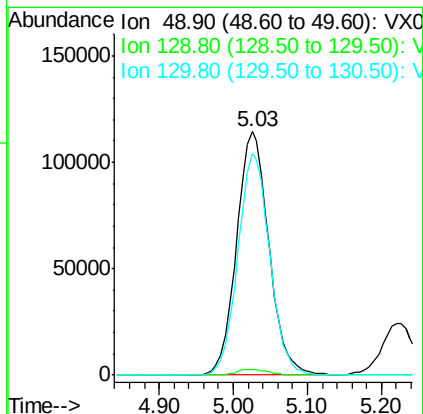
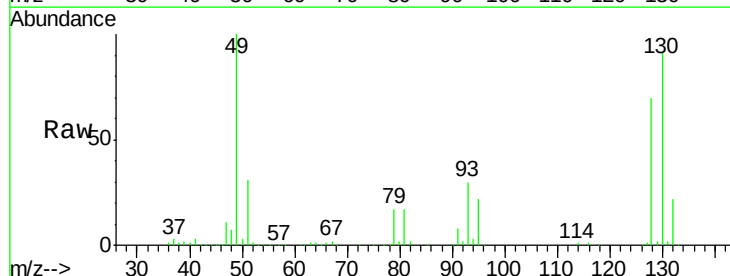
Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	301.6
98	64.7	0.0	131.6

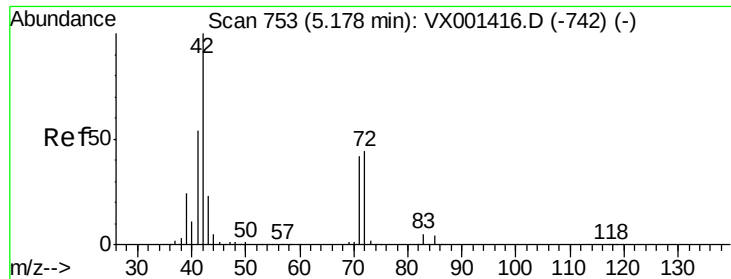


#28

Bromochloromethane
 Concen: 146.61 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	89.7	71.9	107.9





#29

Tetrahydrofuran

Concen: 879.55 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

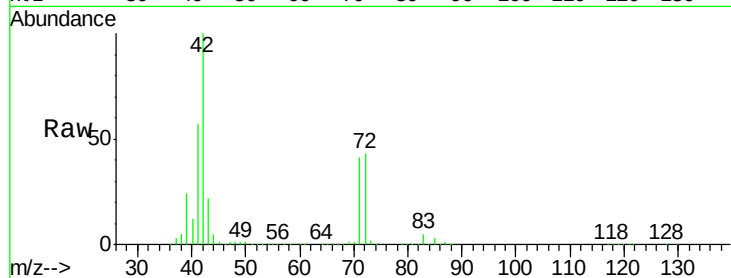
Tgt Ion: 42 Resp: 1244307

Ion Ratio Lower Upper

42 100

72 44.7 35.4 53.2

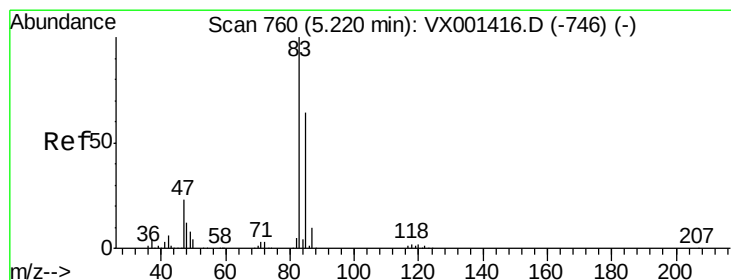
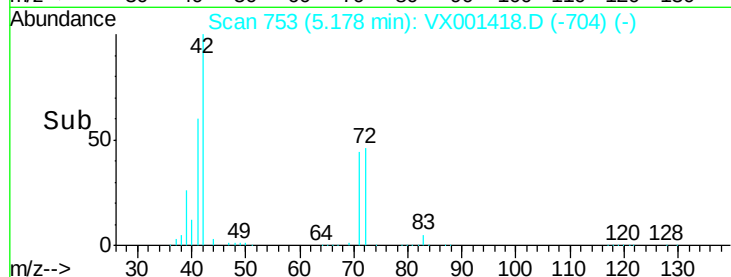
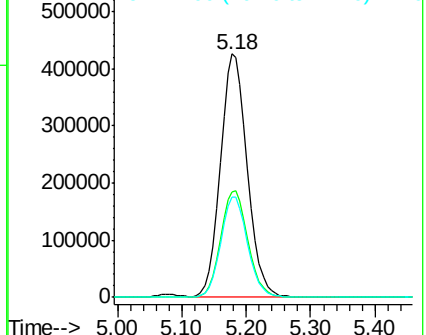
71 41.4 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 159.76 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001418.D

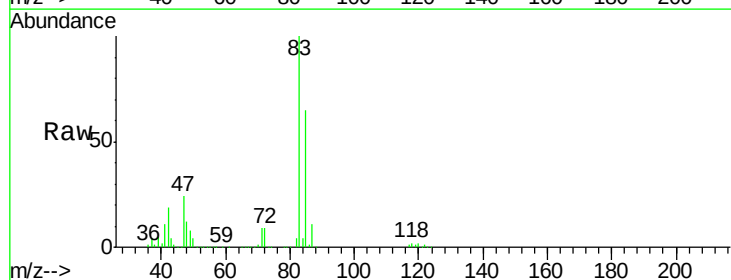
Acq: 05 May 2018 14:17

Tgt Ion: 83 Resp: 902007

Ion Ratio Lower Upper

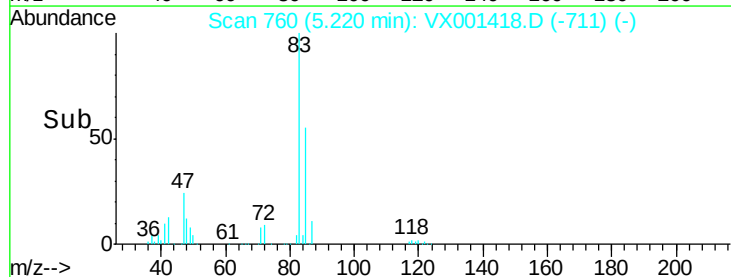
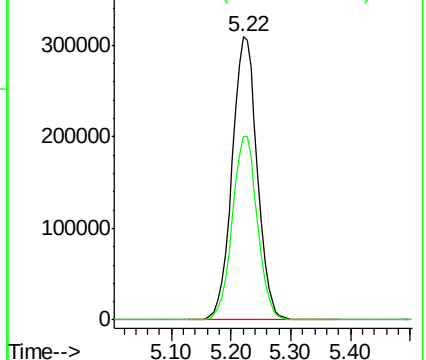
83 100

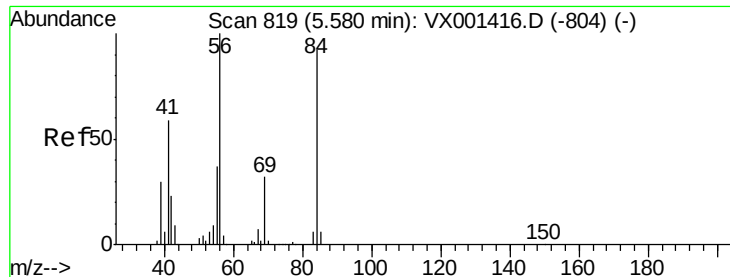
85 64.8 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 160.58 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

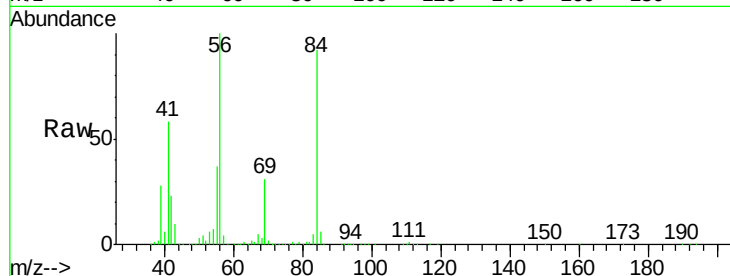
Tgt Ion: 56 Resp: 774564

Ion Ratio Lower Upper

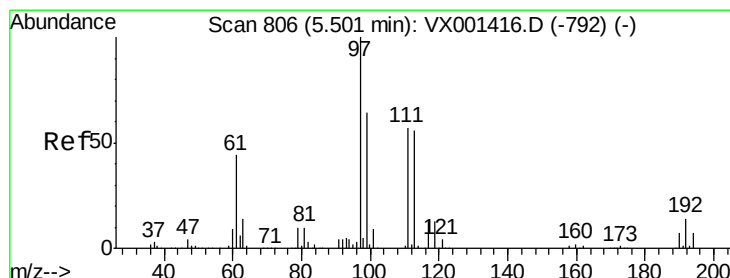
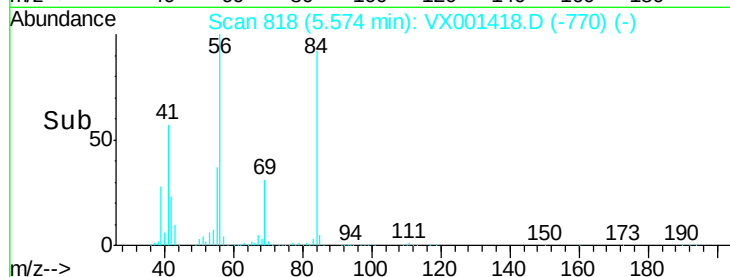
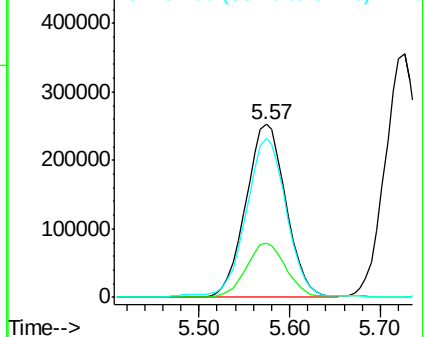
56 100

69 31.5 25.4 38.0

84 91.4 73.8 110.8



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



#32

1,1,1-Trichloroethane

Concen: 168.28 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

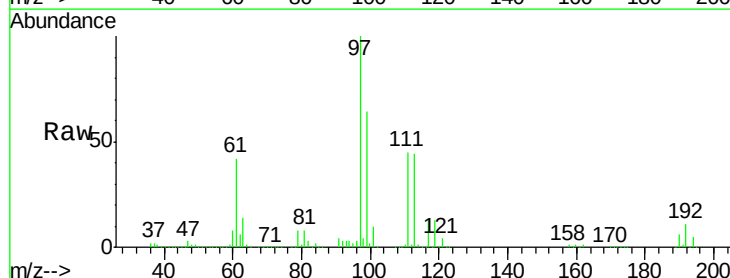
Tgt Ion: 97 Resp: 830597

Ion Ratio Lower Upper

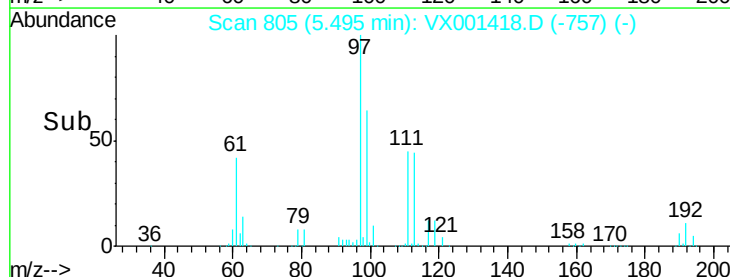
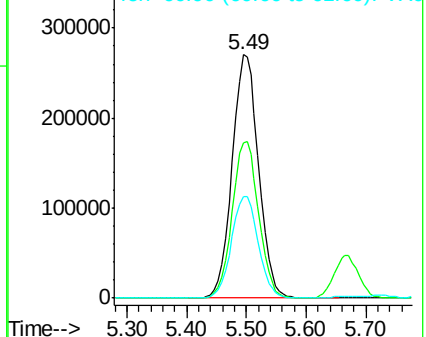
97 100

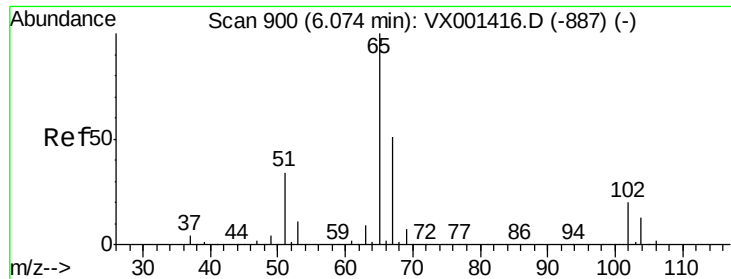
99 64.6 51.3 76.9

61 42.7 34.8 52.2



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

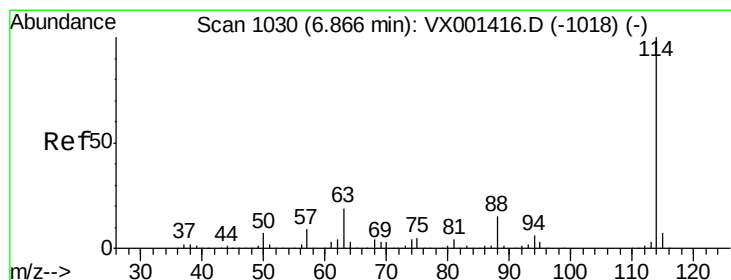
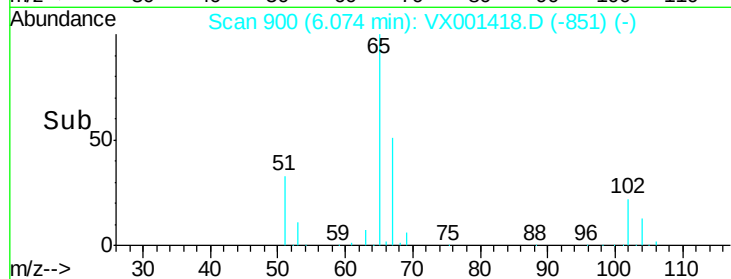
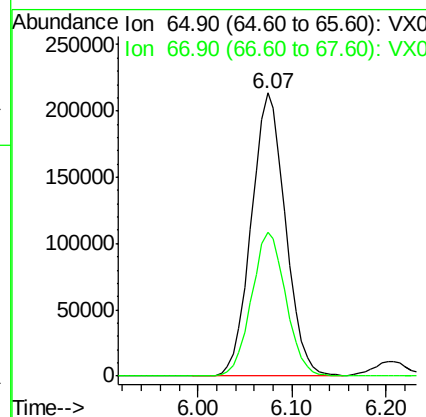
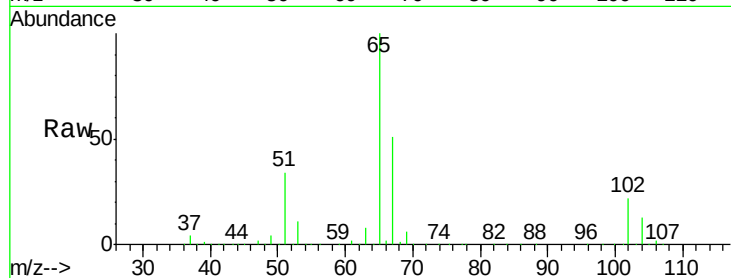




#33
 1,2-Dichloroethane-d4
 Concen: 139.85 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

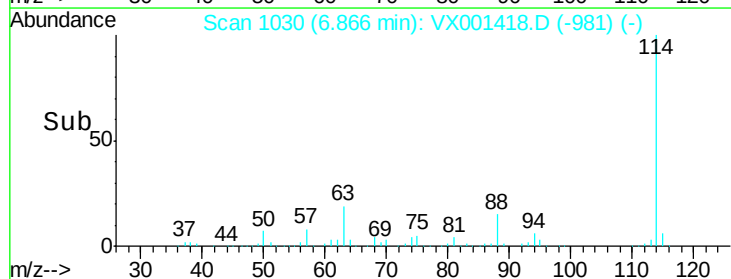
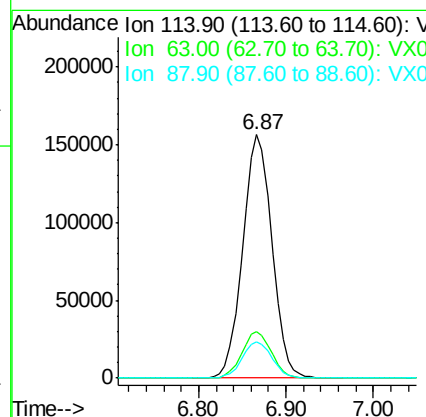
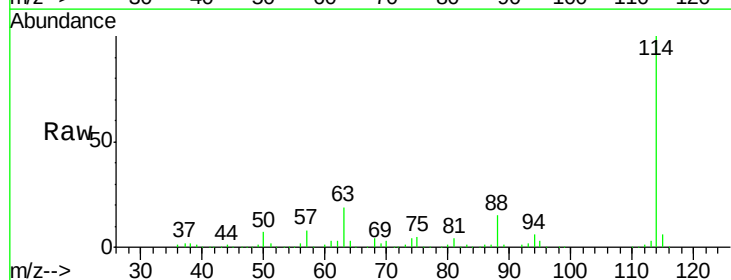
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

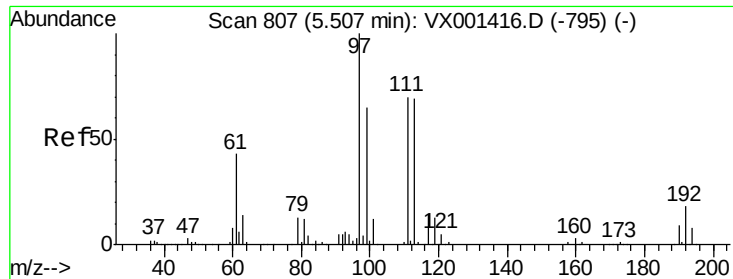
Tgt Ion: 65 Resp: 543771
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion: 114 Resp: 362849
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 14.8 0.0 30.8

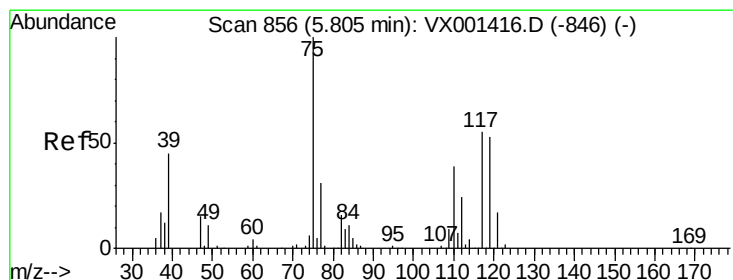
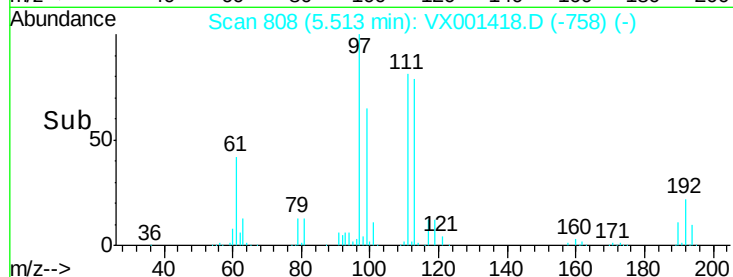
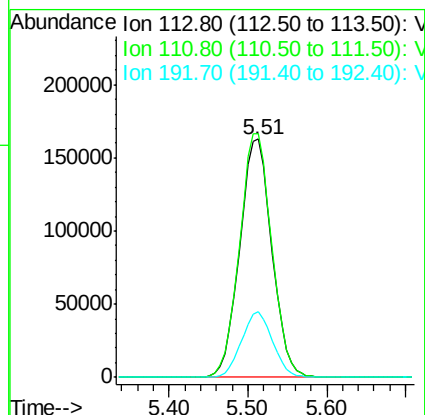
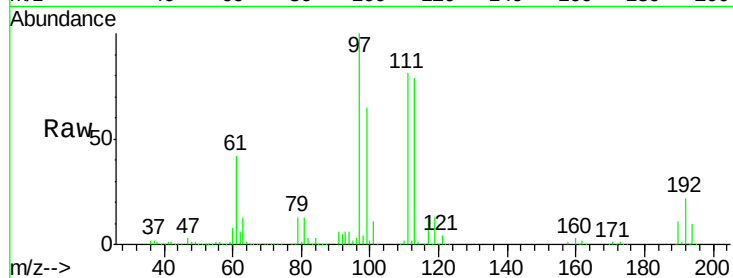




#35
 Dibromofluoromethane
 Concen: 146.65 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

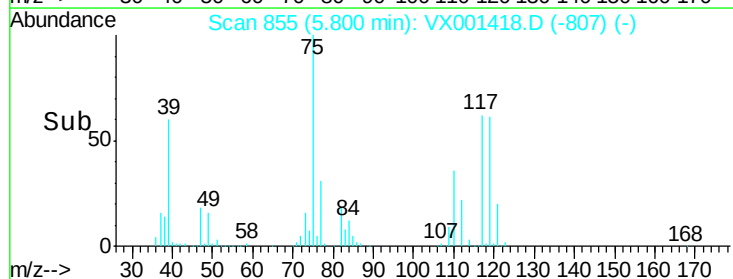
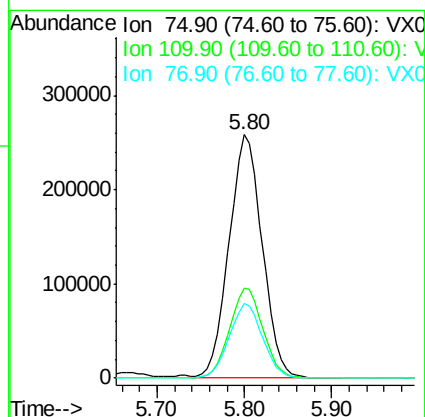
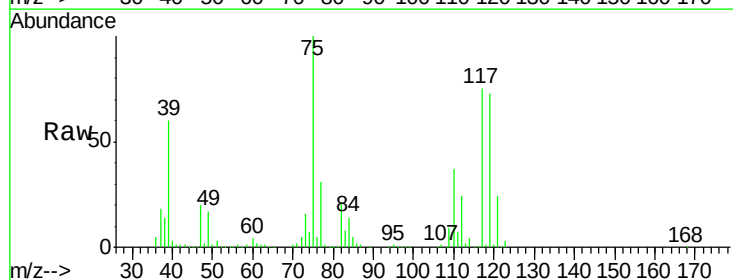
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

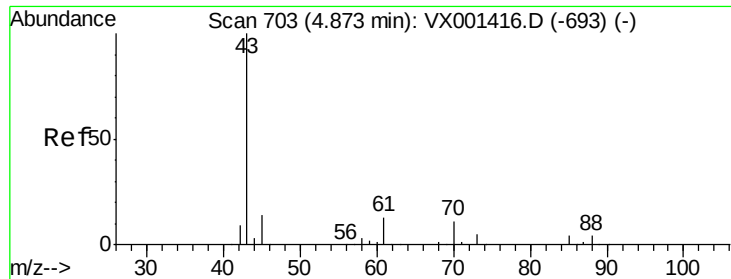
Tgt Ion:113 Resp: 462050
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.2
 192 26.7 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 159.14 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion: 75 Resp: 680868
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.9 56.7
 77 30.9 24.9 37.3

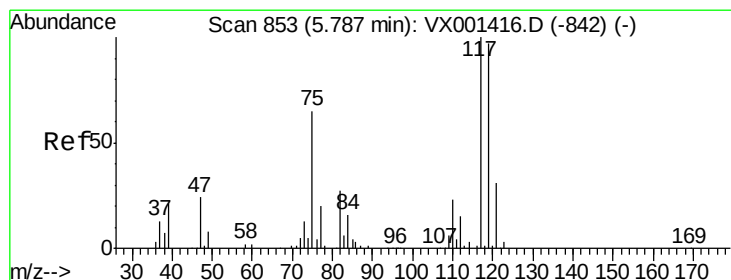
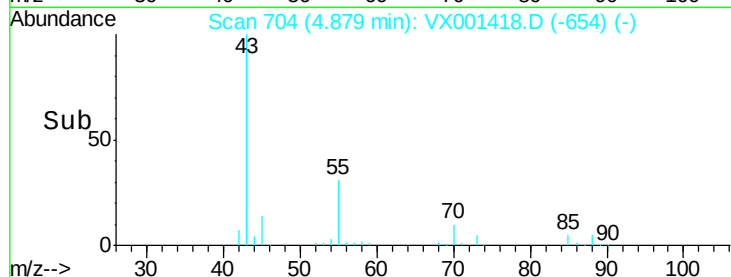
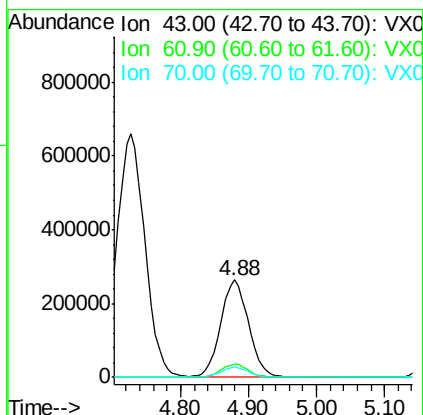
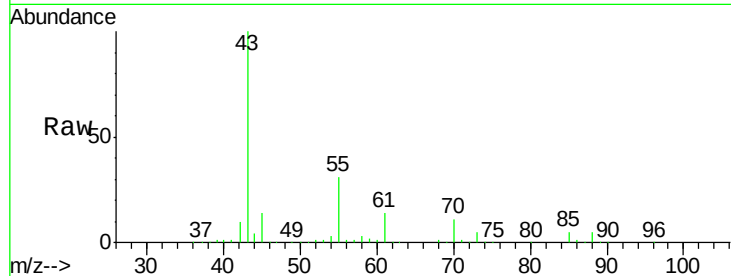




#37
Ethyl Acetate
Concen: 171.85 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

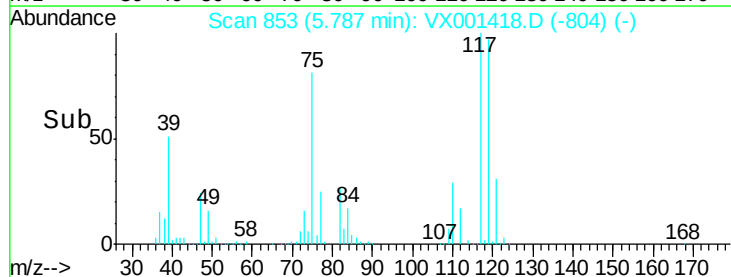
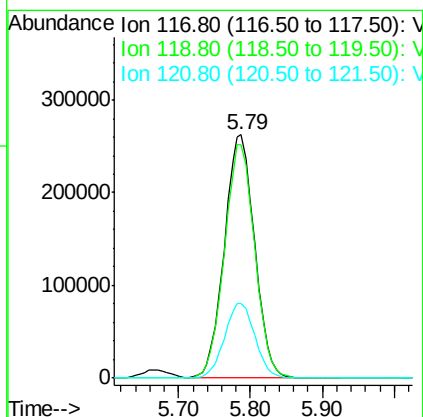
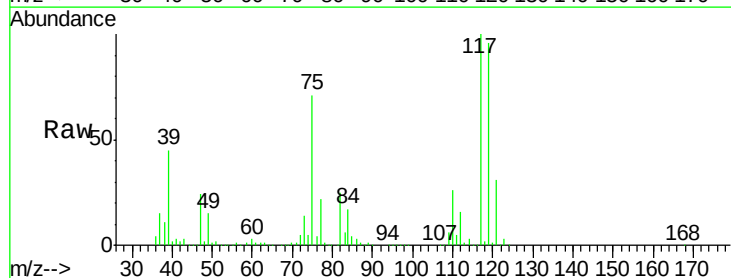
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

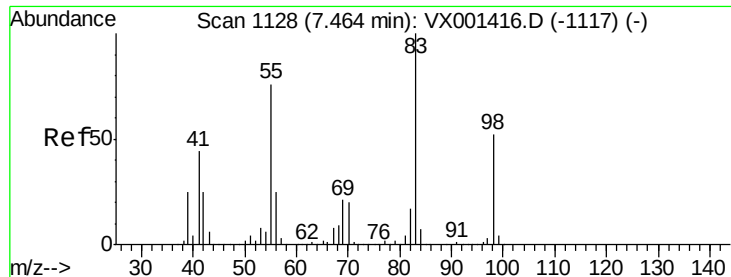
Tgt Ion: 43 Resp: 751156
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 10.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 169.93 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion: 117 Resp: 764898
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.6
121 30.7 25.1 37.7

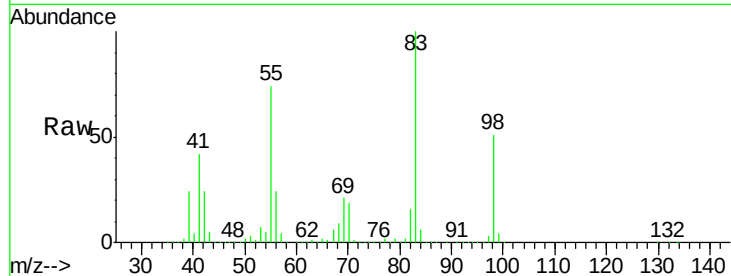




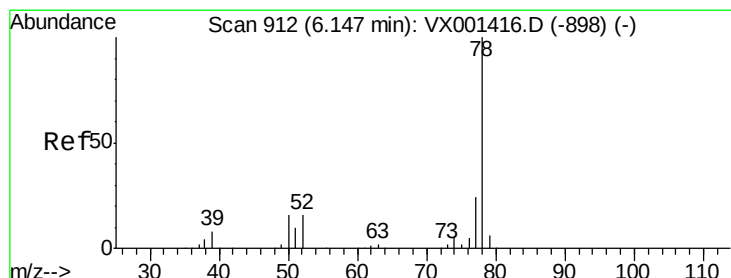
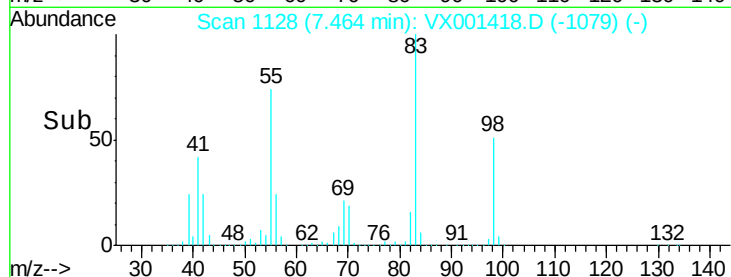
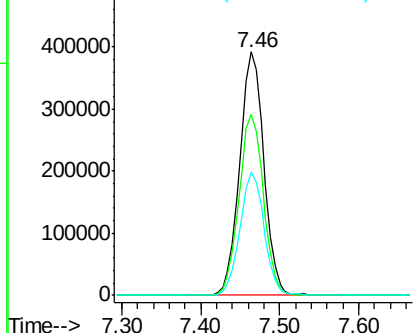
#39
Methylcyclohexane
Concen: 165.70 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 838888
Ion Ratio Lower Upper
83 100
55 74.4 60.9 91.3
98 50.6 41.9 62.9

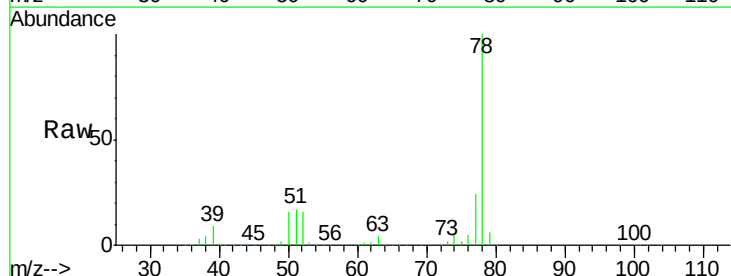


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

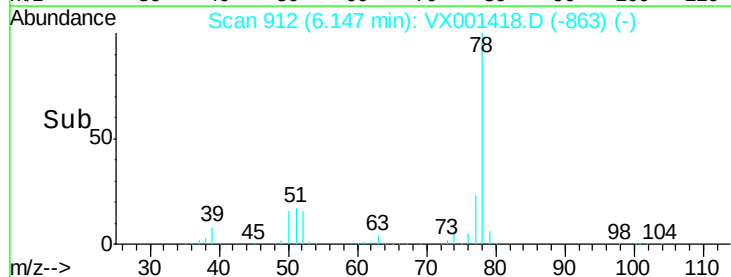
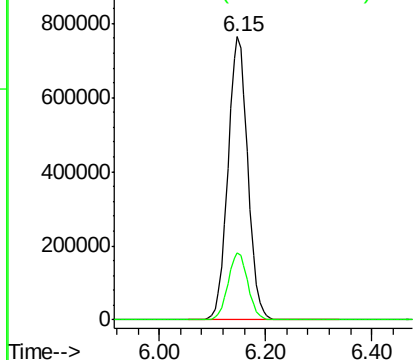


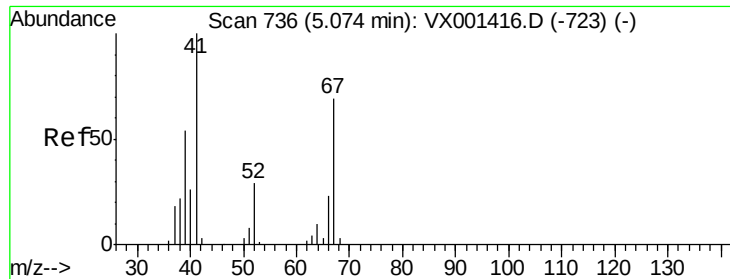
#40
Benzene
Concen: 161.02 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion: 78 Resp: 1984912
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

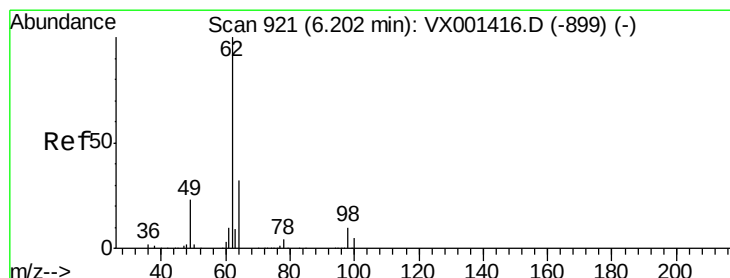
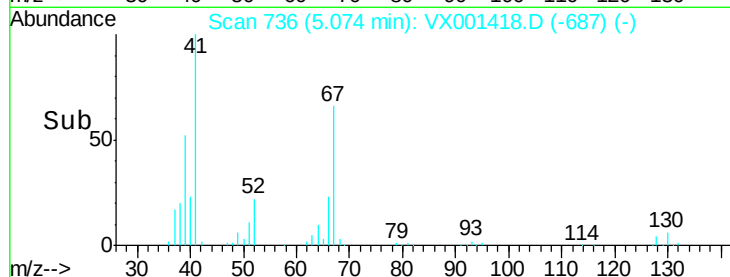
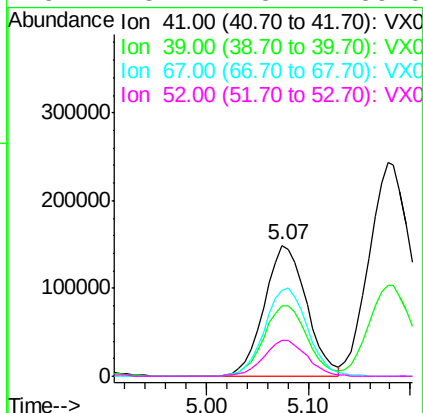
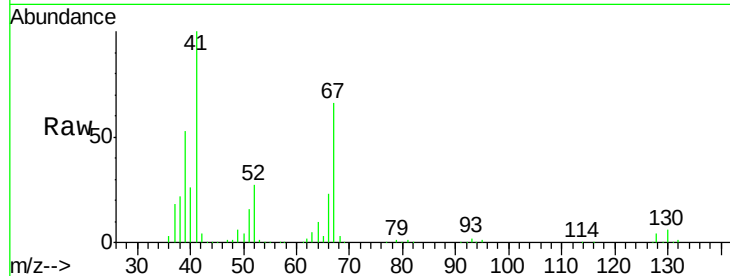




#41
Methacrylonitrile
Concen: 169.13 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

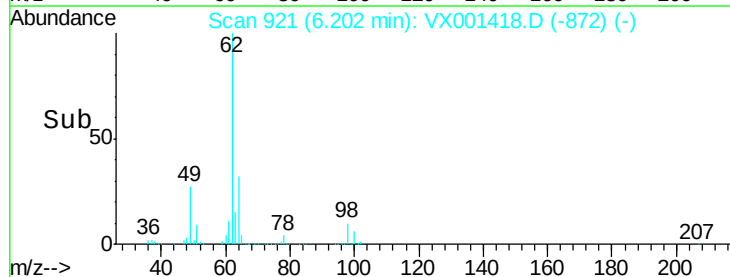
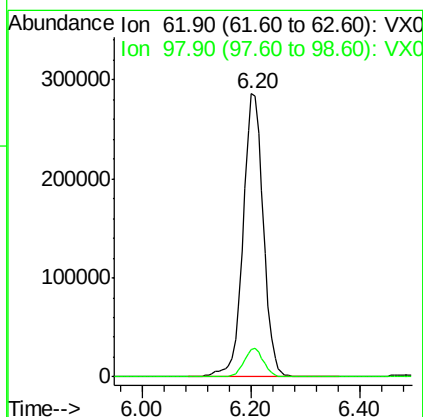
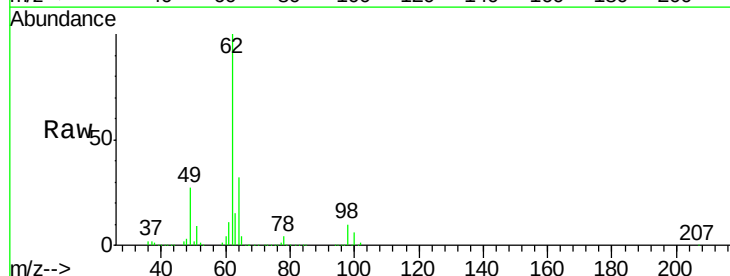
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

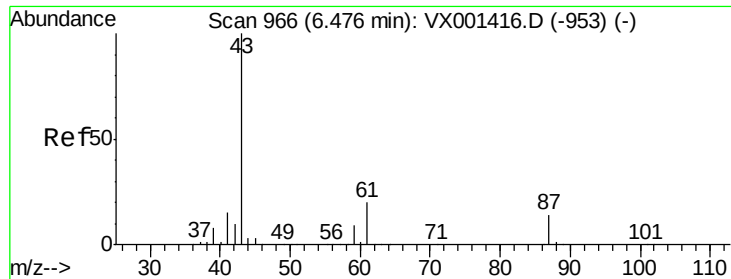
Tgt Ion:	41	Resp:	429519
Ion	Ratio	Lower	Upper
41	100		
39	55.0	45.0	67.6
67	68.6	55.0	82.6
52	28.4	23.4	35.0



#42
1,2-Dichloroethane
Concen: 154.40 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion:	62	Resp:	737619
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.0

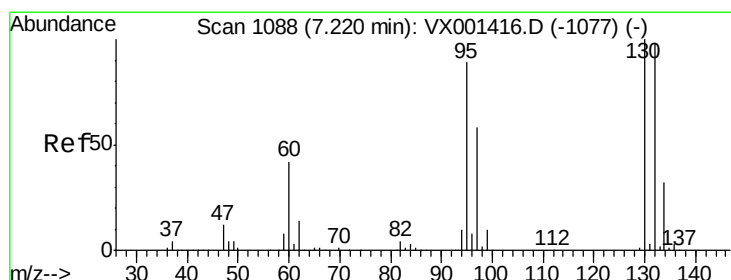
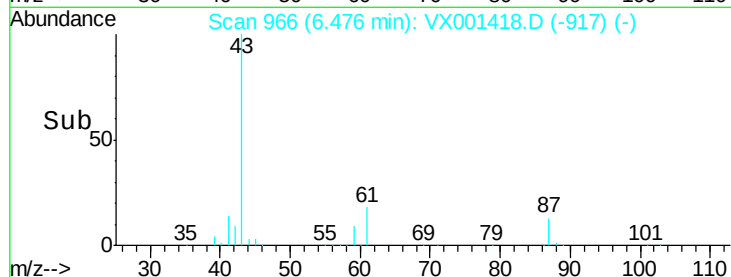
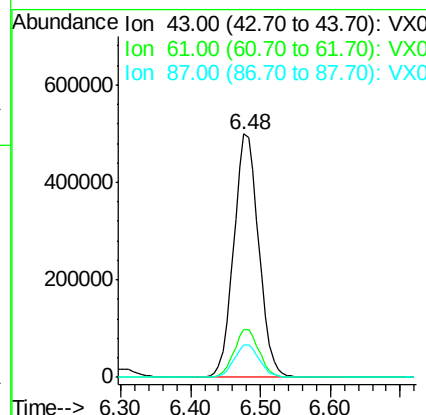
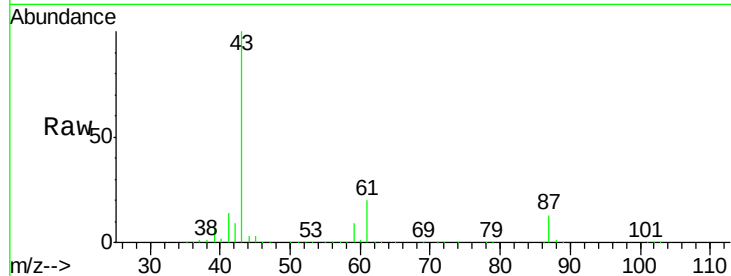




#43
Isopropyl Acetate
Concen: 176.02 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

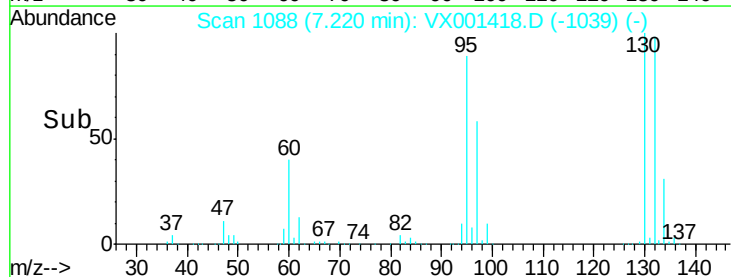
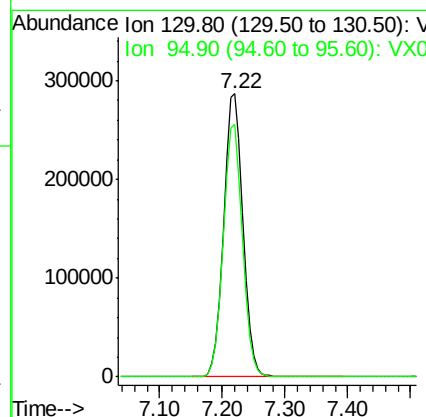
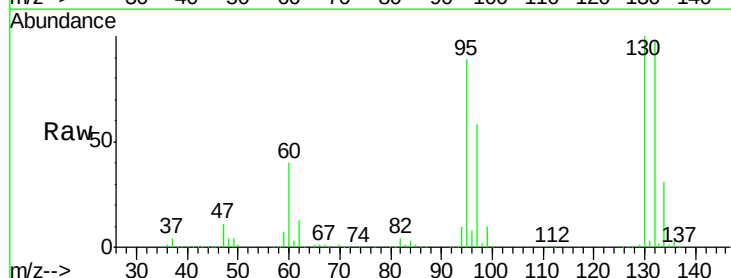
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

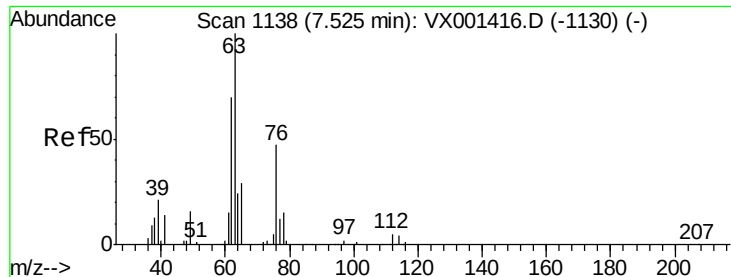
Tgt Ion: 43 Resp: 1233721
Ion Ratio Lower Upper
43 100
61 19.8 15.4 23.0
87 13.5 10.8 16.2



#44
Trichloroethene
Concen: 161.81 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion: 130 Resp: 610296
Ion Ratio Lower Upper
130 100
95 89.1 0.0 178.4





#45

1,2-Dichloropropane

Concen: 158.35 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampled :

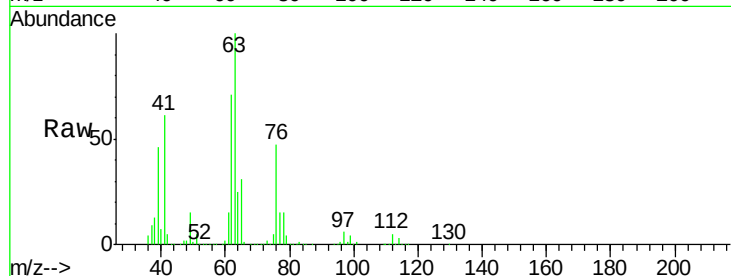
VSTDIC150

Tgt Ion: 63 Resp: 497140

Ion Ratio Lower Upper

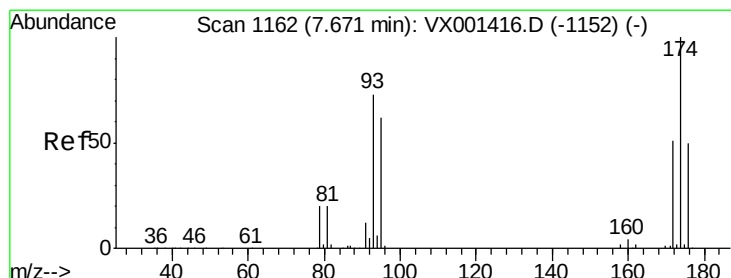
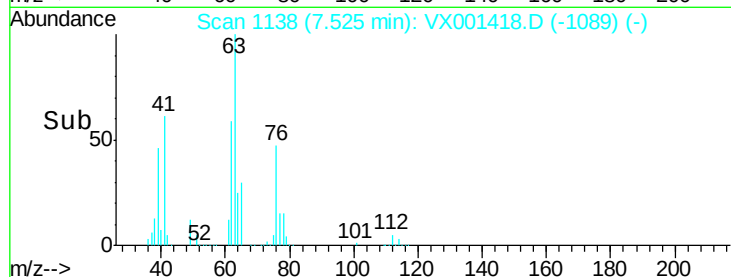
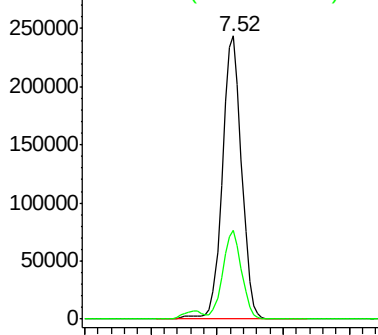
63 100

65 31.3 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 157.22 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

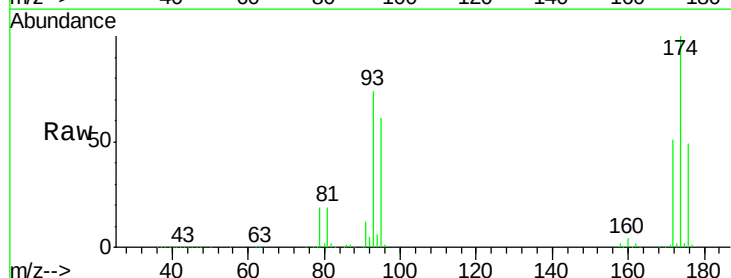
Tgt Ion: 93 Resp: 347577

Ion Ratio Lower Upper

93 100

95 82.3 67.0 100.4

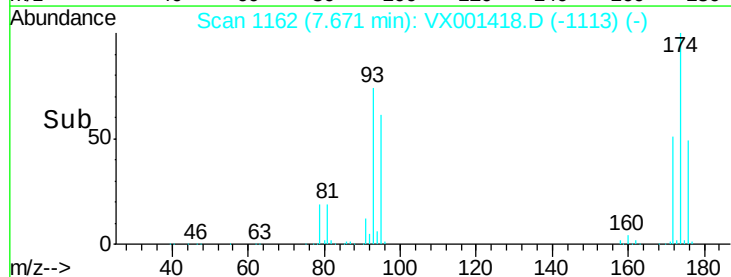
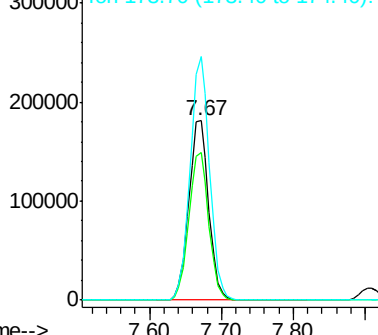
174 133.1 104.5 156.7

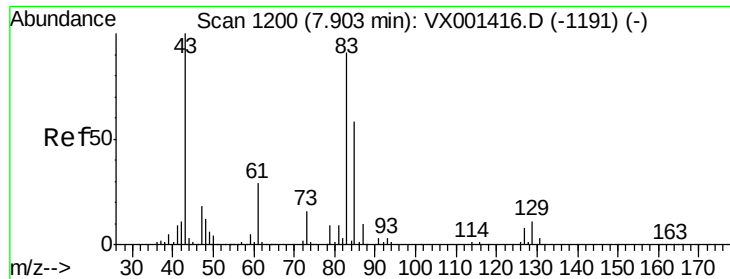


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 177.77 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

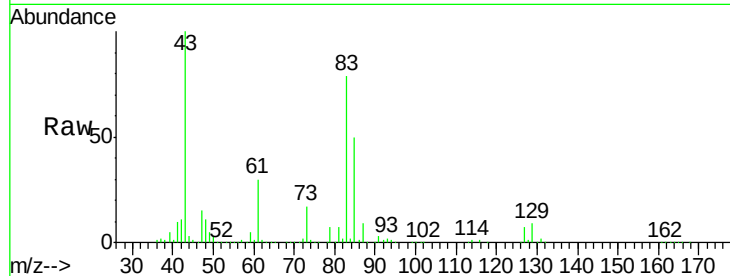
Tgt Ion: 83 Resp: 707451

Ion Ratio Lower Upper

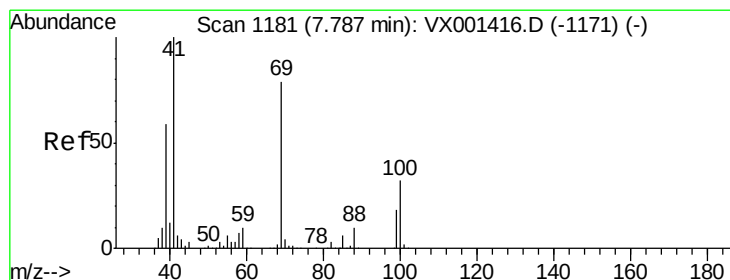
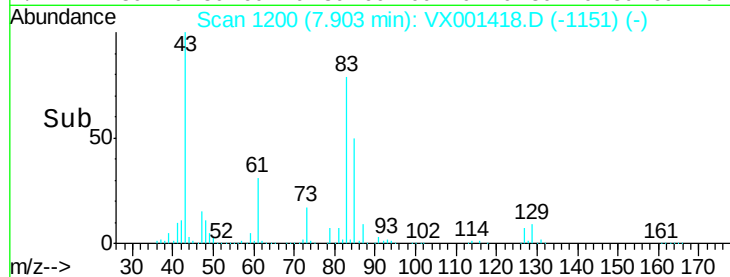
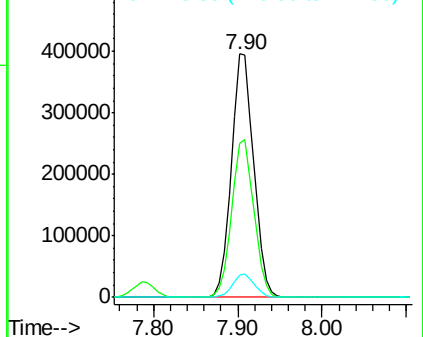
83 100

85 63.2 51.0 76.6

127 9.2 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: 177.93 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

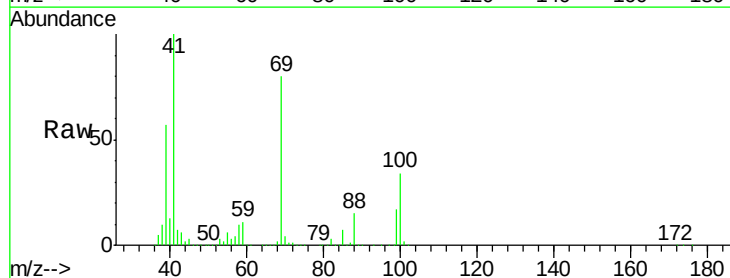
Tgt Ion: 41 Resp: 667666

Ion Ratio Lower Upper

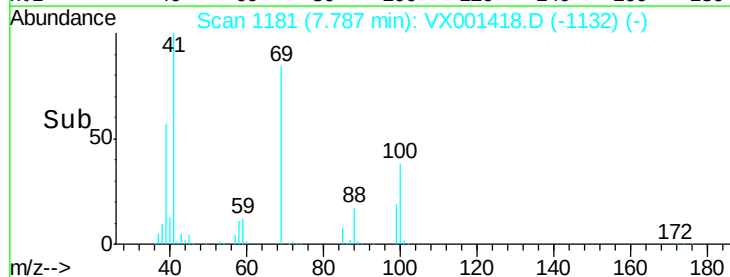
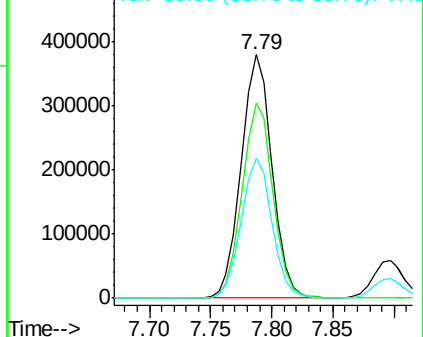
41 100

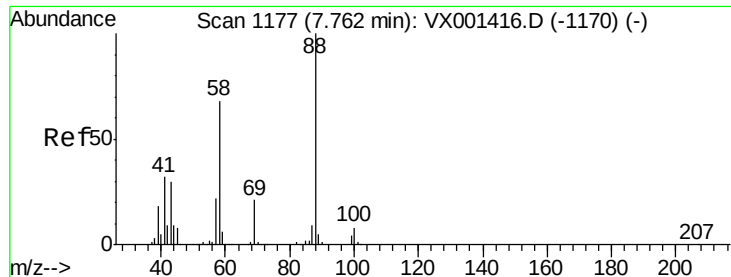
69 80.1 63.4 95.2

39 57.3 47.0 70.4



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

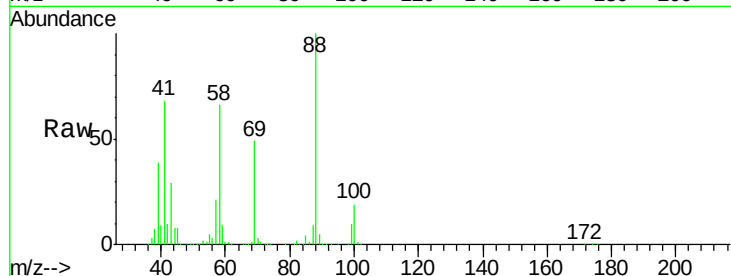




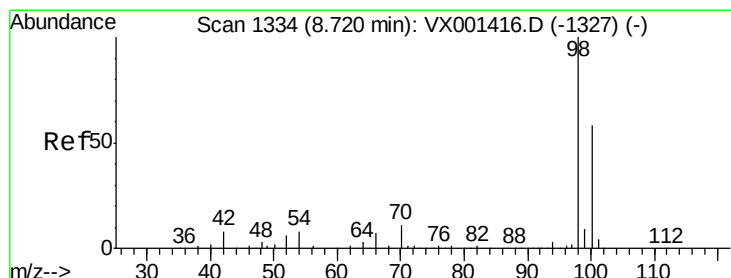
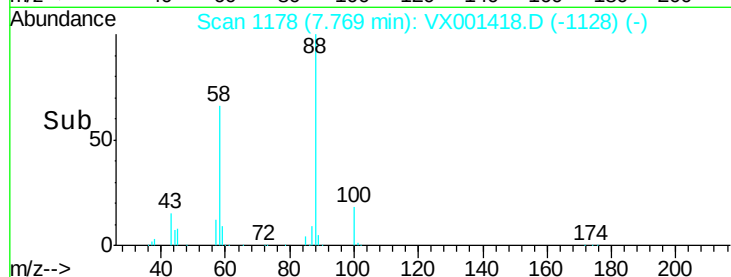
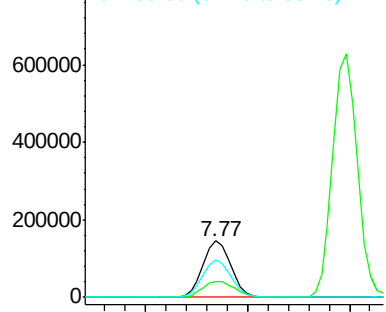
#49
 1,4-Dioxane
 Concen: 3811.39 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 88 Resp: 276280
 Ion Ratio Lower Upper
 88 100
 43 32.5 26.4 39.6
 58 67.7 54.1 81.1

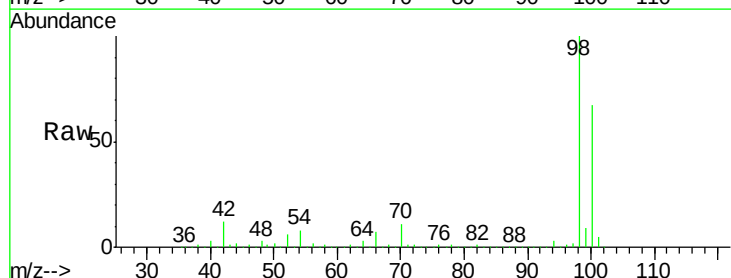


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

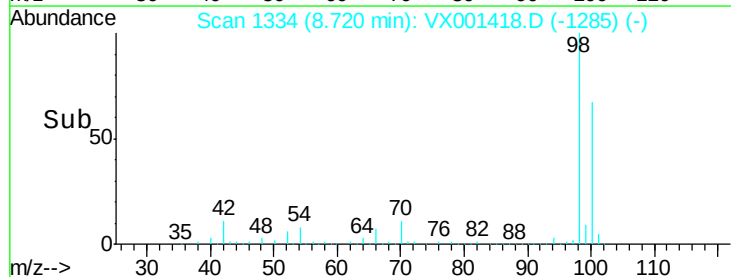
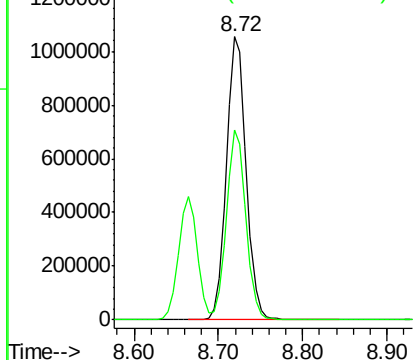


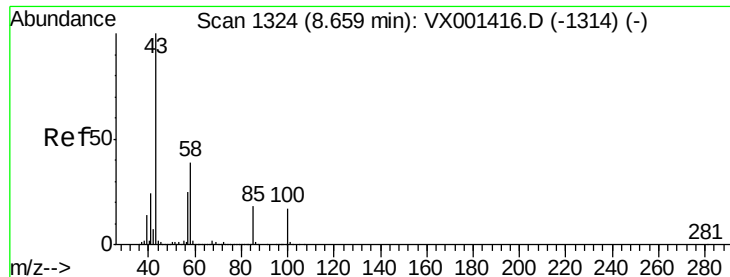
#50
 Toluene-d8
 Concen: 150.14 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion: 98 Resp: 1685574
 Ion Ratio Lower Upper
 98 100
 100 66.5 54.0 81.0



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





#51

4-Methyl-2-Pentanone

Concen: 890.30 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

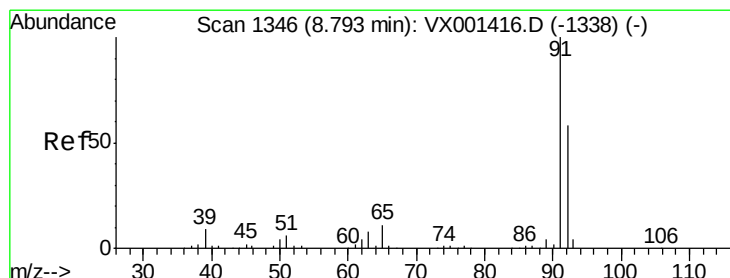
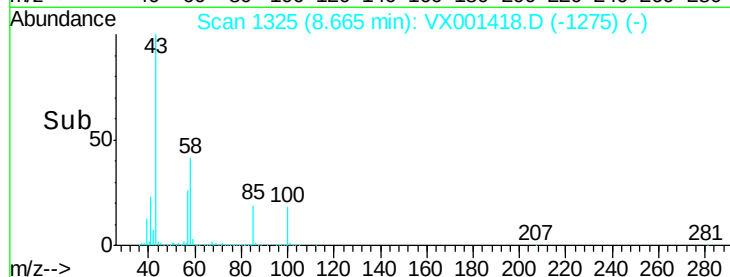
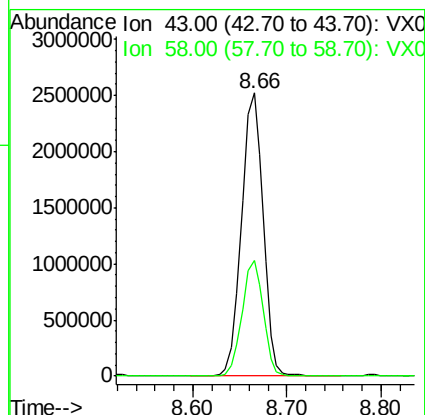
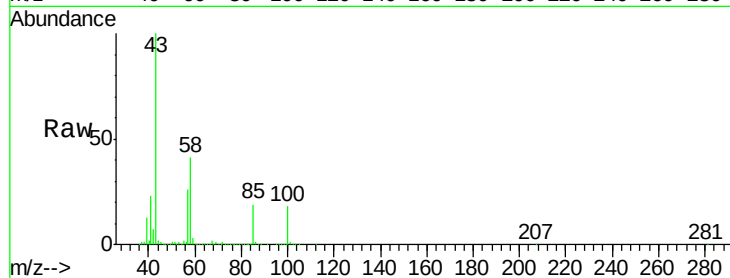
VSTDIC150

Tgt Ion: 43 Resp: 4035848

Ion Ratio Lower Upper

43 100

58 40.0 30.8 46.2



#52

Toluene

Concen: 163.64 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001418.D

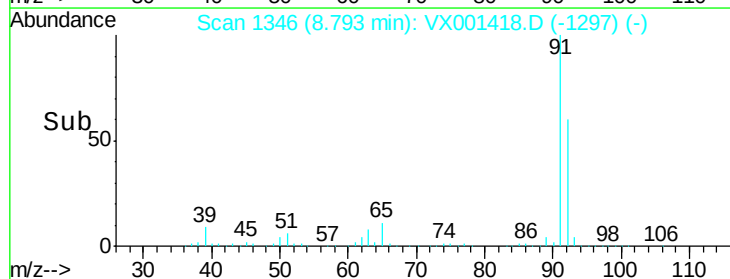
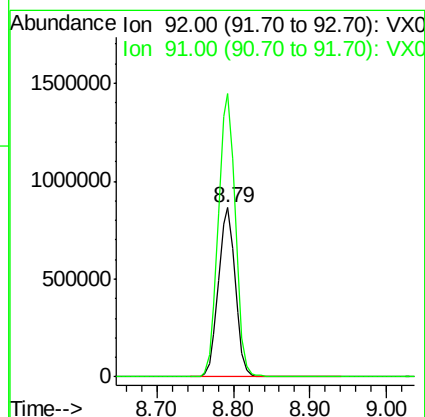
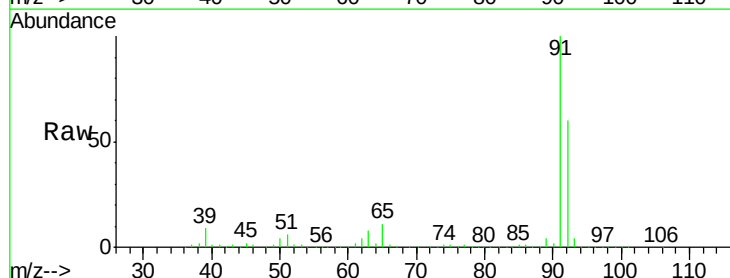
Acq: 05 May 2018 14:17

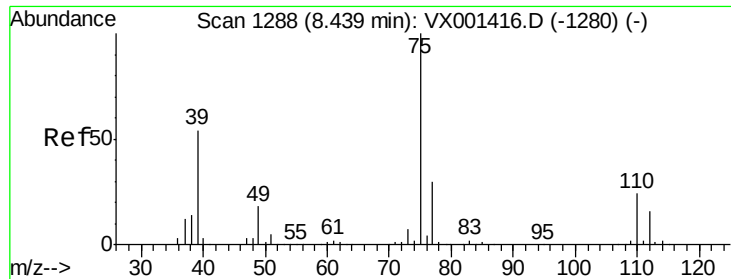
Tgt Ion: 92 Resp: 1319220

Ion Ratio Lower Upper

92 100

91 169.3 135.2 202.8

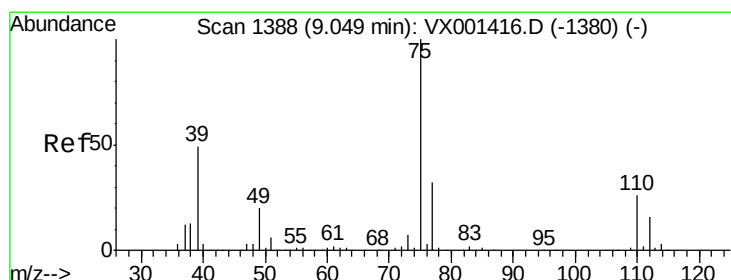
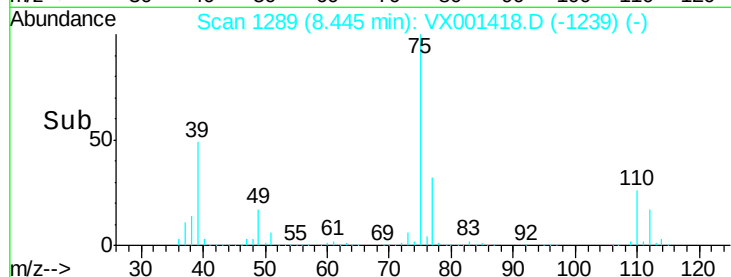
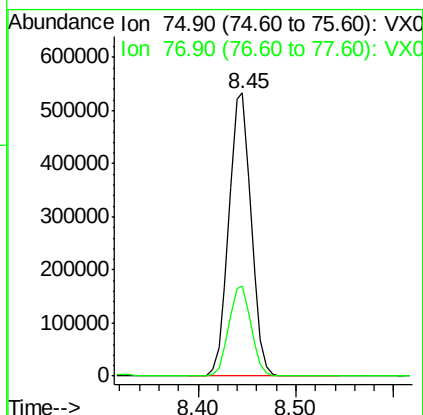
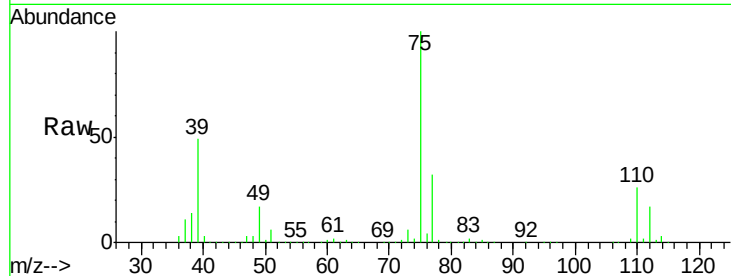




#53
 t-1,3-Dichloropropene
 Concen: 179.01 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

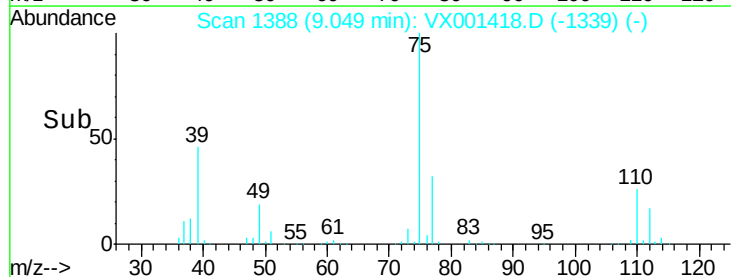
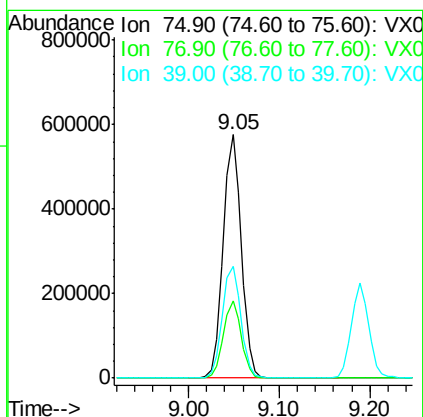
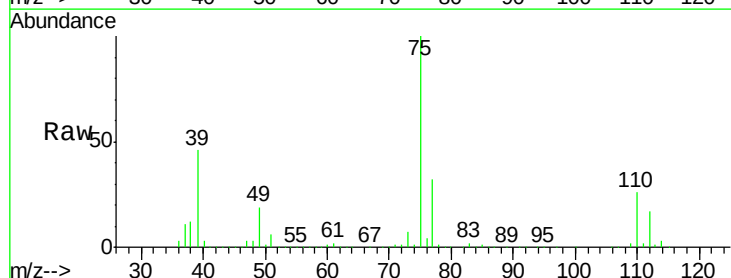
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

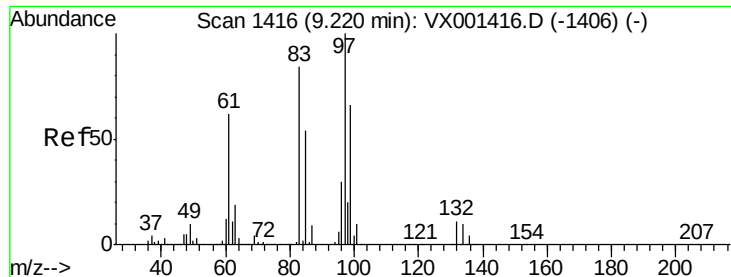
Tgt Ion: 75 Resp: 843878
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4



#54
 cis-1,3-Dichloropropene
 Concen: 185.50 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion: 75 Resp: 801262
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.5 38.3
 39 45.9 38.9 58.3

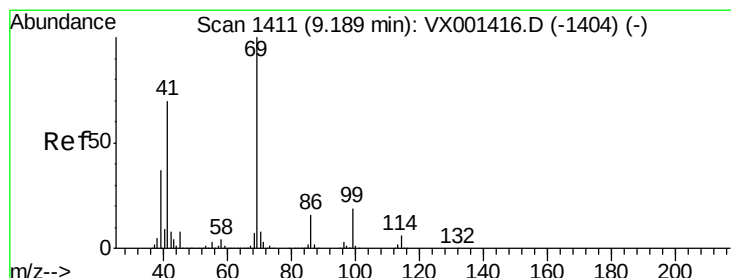
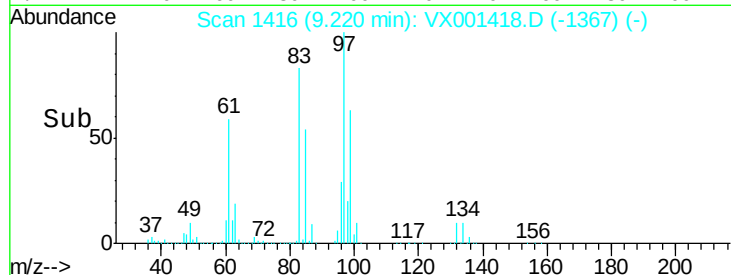
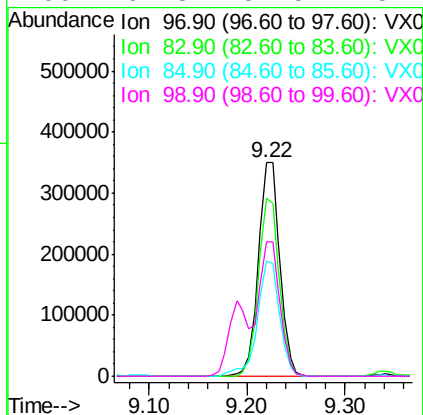
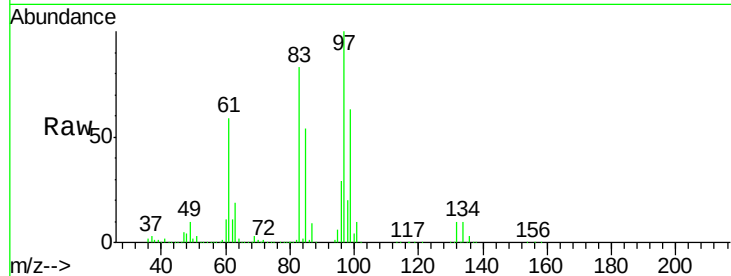




#55
 1,1,2-Trichloroethane
 Concen: 163.96 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

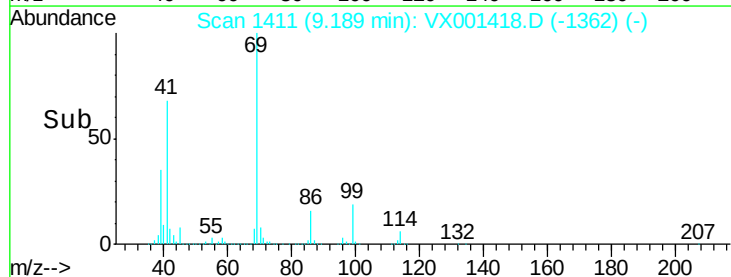
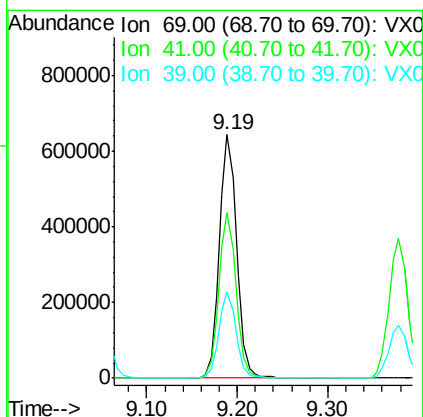
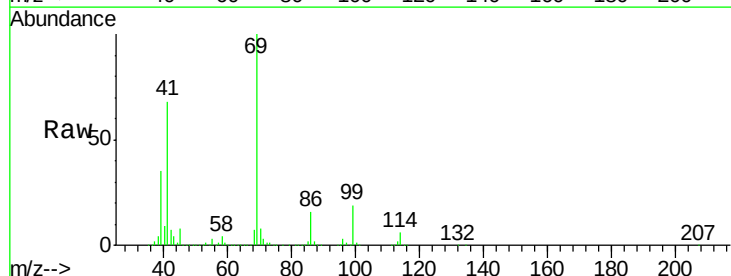
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

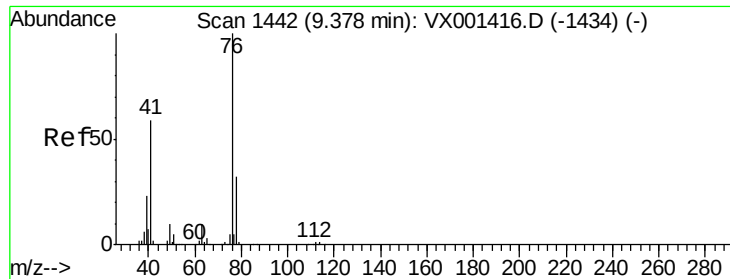
Tgt Ion:	97	Resp:	531115
Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.4	101.0
85	53.9	43.3	64.9
99	62.8	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 190.06 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion:	69	Resp:	861411
Ion	Ratio	Lower	Upper
69	100		
41	67.3	55.1	82.7
39	35.1	29.9	44.9

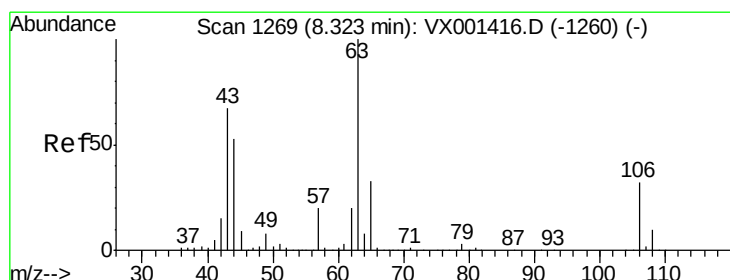
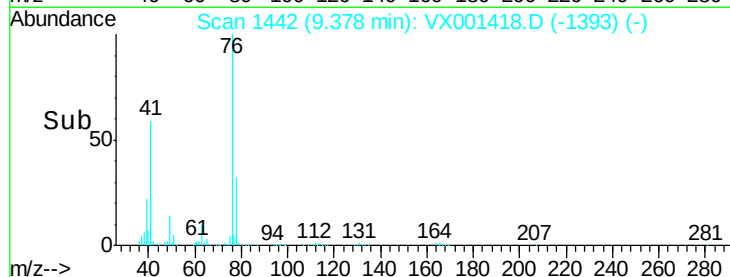
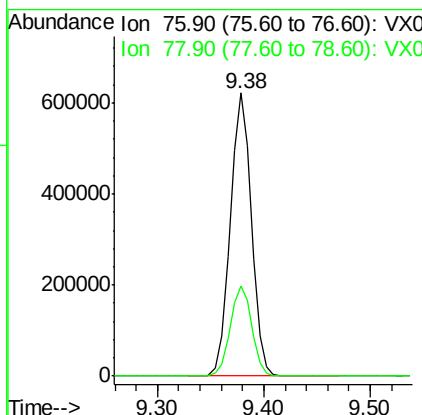
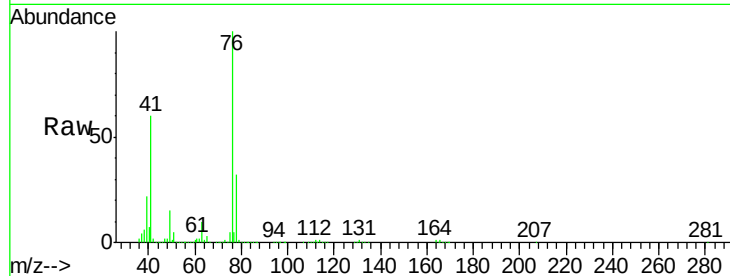




#57
 1,3-Dichloropropane
 Concen: 165.64 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

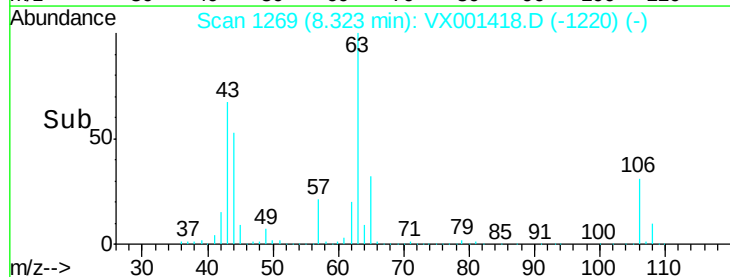
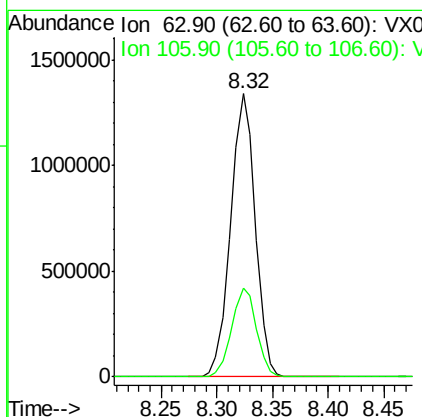
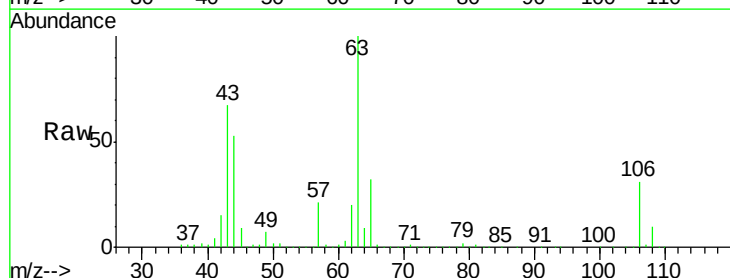
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

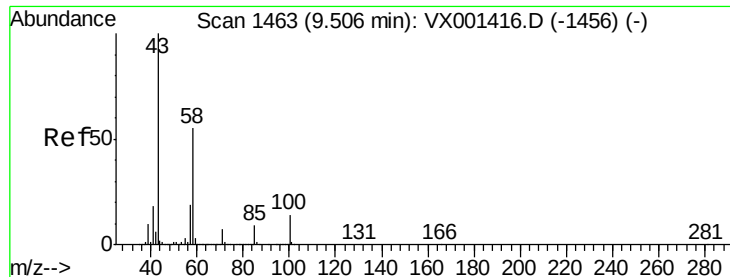
Tgt Ion: 76 Resp: 869654
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 928.38 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion: 63 Resp: 2044689
 Ion Ratio Lower Upper
 63 100
 106 31.8 25.4 38.0

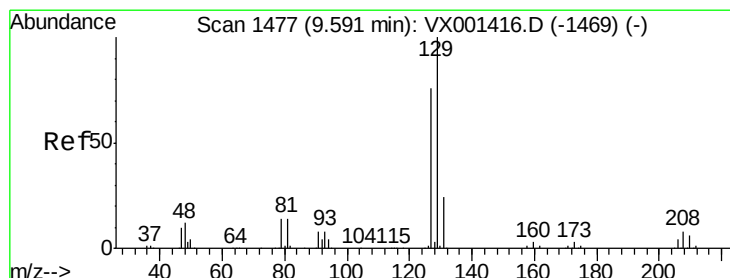
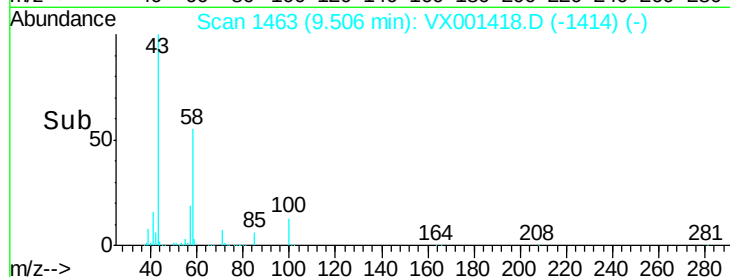
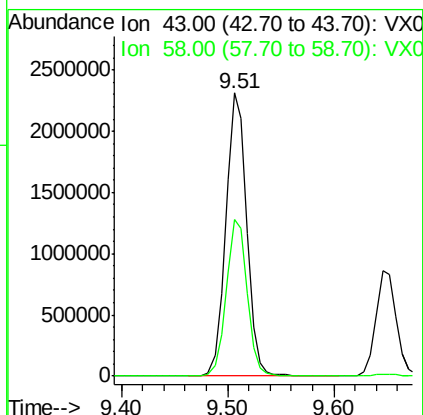
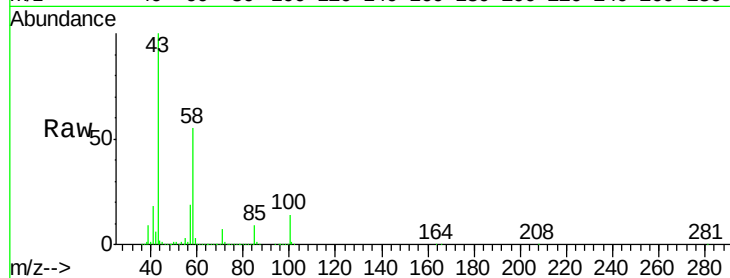




#59
2-Hexanone
Concen: 898.87 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

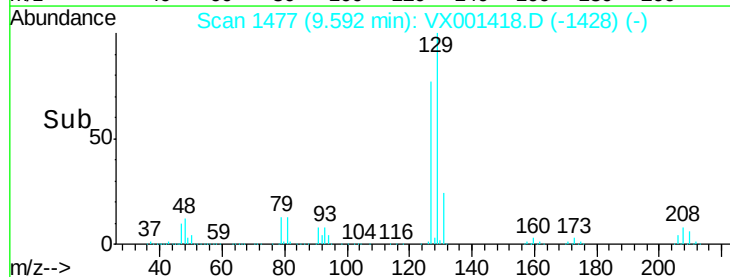
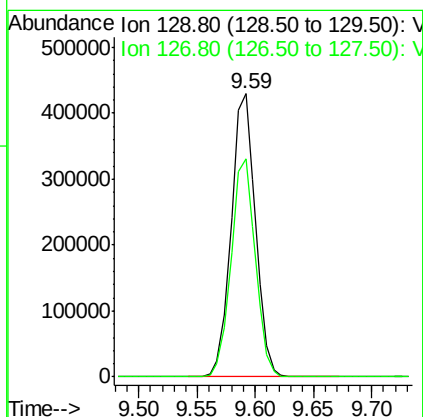
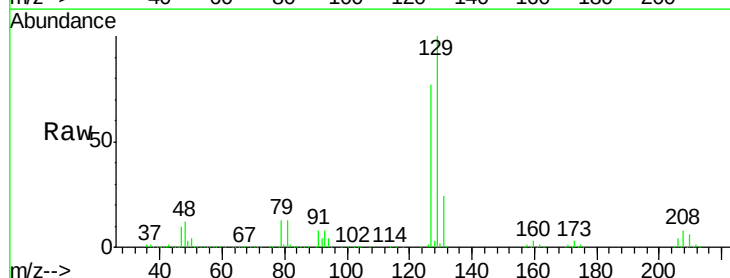
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

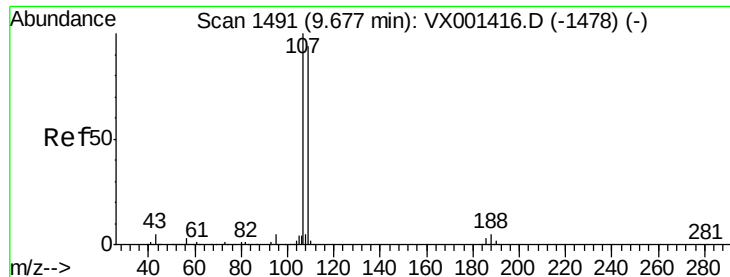
Tgt Ion: 43 Resp: 3174704
Ion Ratio Lower Upper
43 100
58 55.4 27.1 81.2



#60
Dibromochloromethane
Concen: 183.38 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion: 129 Resp: 622639
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.5

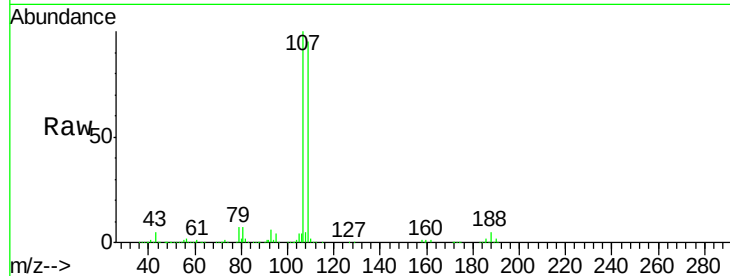




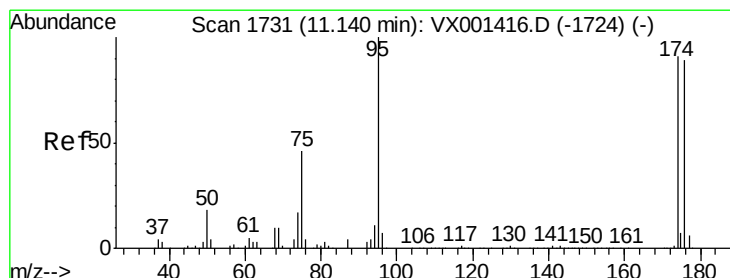
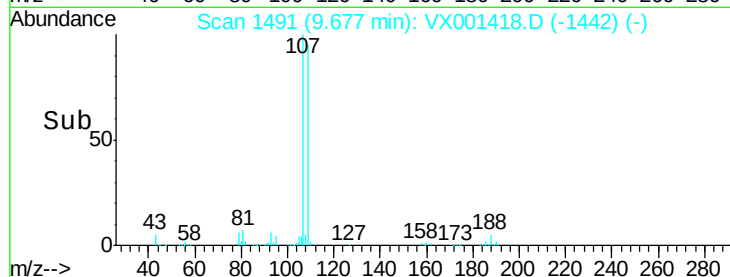
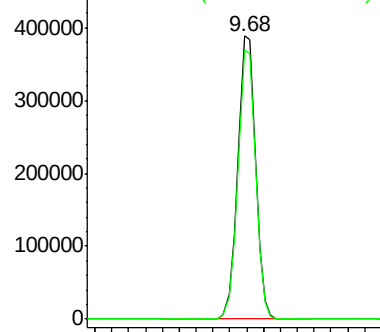
#61
 1,2-Dibromoethane
 Concen: 166.04 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 107 Resp: 571389
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.5 113.3

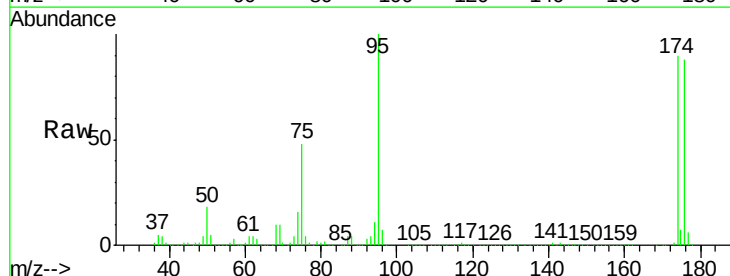


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

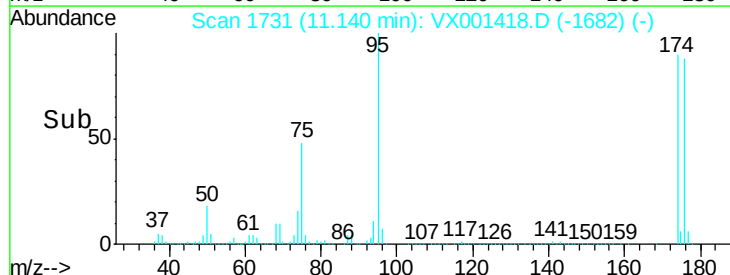
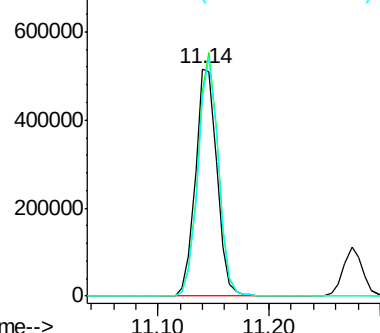


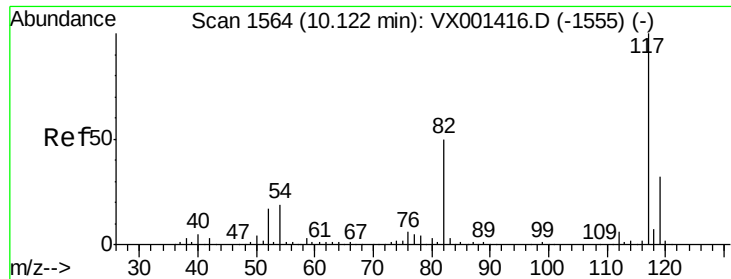
#62
 4-Bromofluorobenzene
 Concen: 153.42 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion: 95 Resp: 688895
 Ion Ratio Lower Upper
 95 100
 174 101.5 0.0 202.0
 176 99.4 0.0 197.4



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

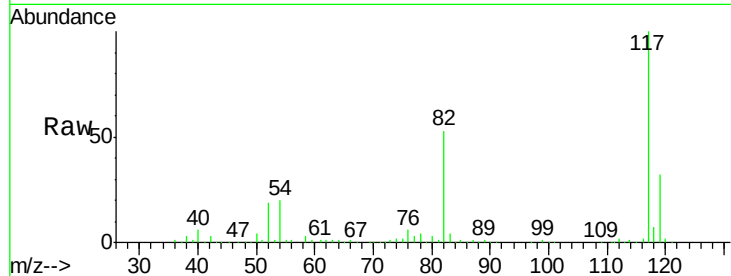




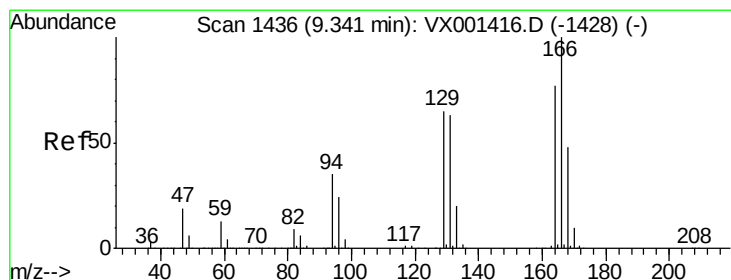
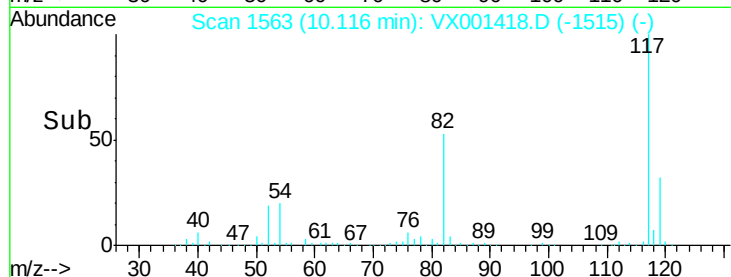
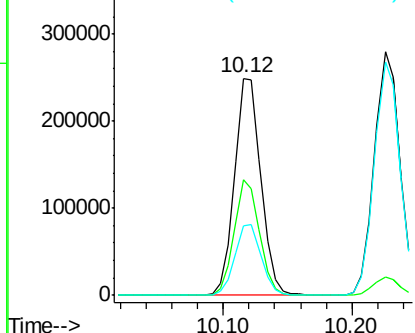
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 355238
Ion Ratio Lower Upper
117 100
82 53.1 40.0 60.0
119 32.3 25.8 38.8

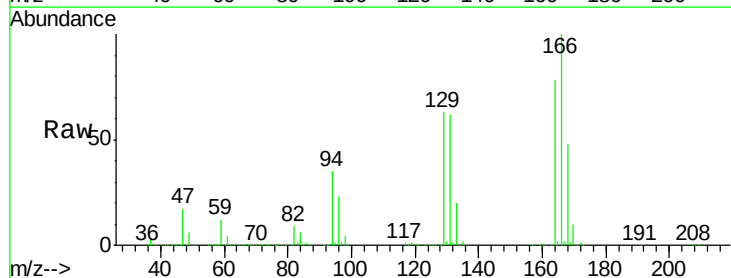


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

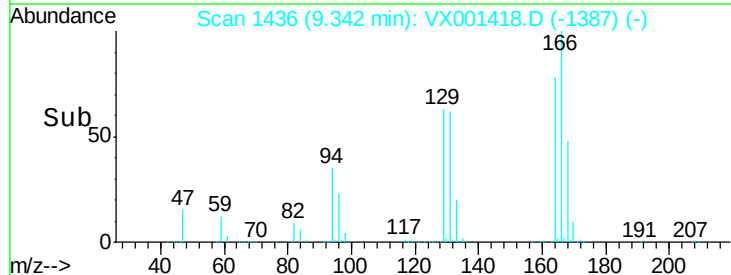
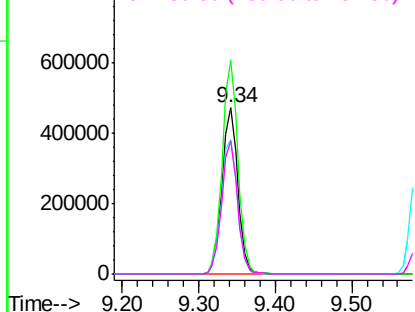


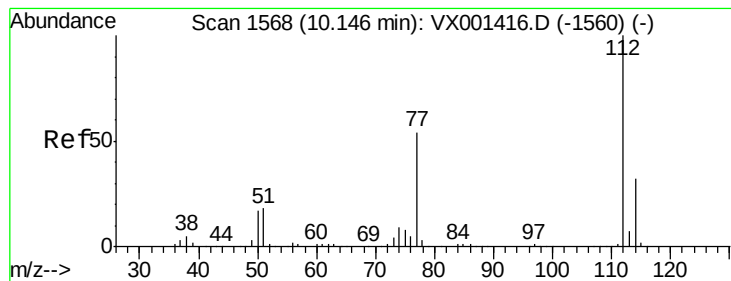
#64
Tetrachloroethene
Concen: 154.63 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion:164 Resp: 673429
Ion Ratio Lower Upper
164 100
166 128.6 103.5 155.3
129 81.0 66.7 100.1
131 79.8 64.9 97.3



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





#65

Chlorobenzene

Concen: 157.85 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

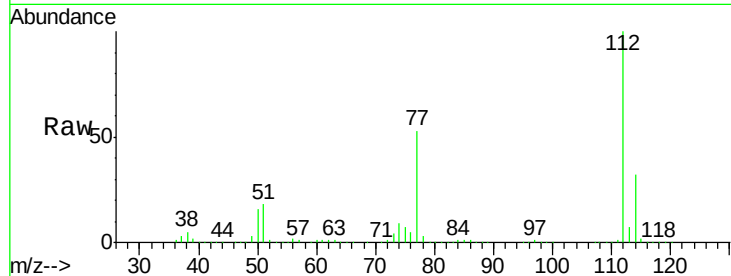
VSTDIC150

Tgt Ion:112 Resp: 1550304

Ion Ratio Lower Upper

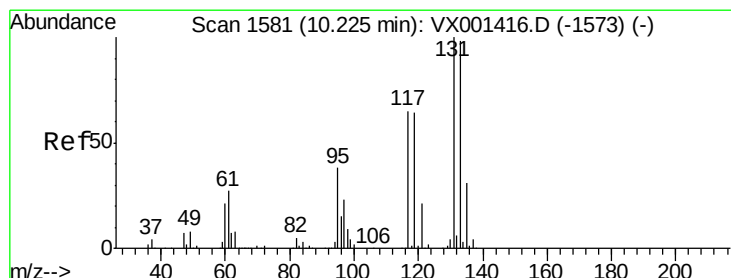
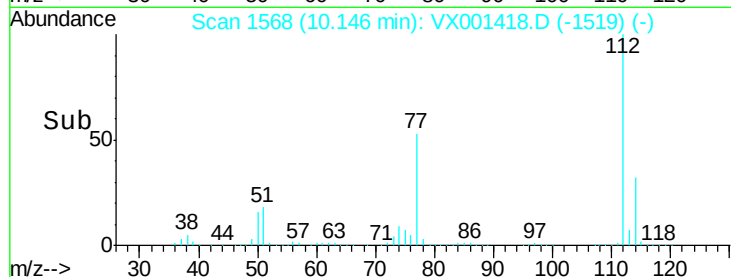
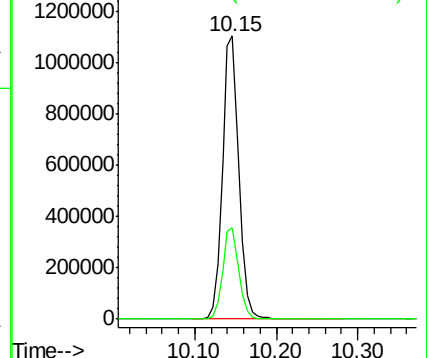
112 100

114 32.3 26.0 39.0



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: 172.61 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

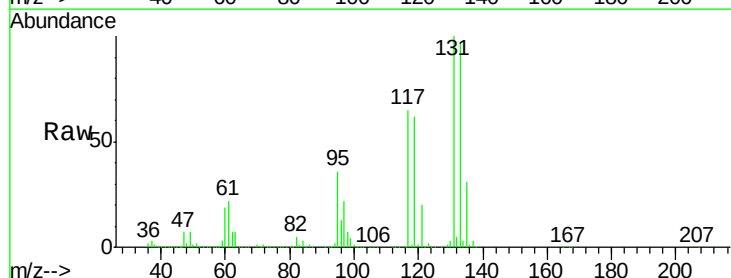
Tgt Ion:131 Resp: 590286

Ion Ratio Lower Upper

131 100

133 96.4 47.9 143.8

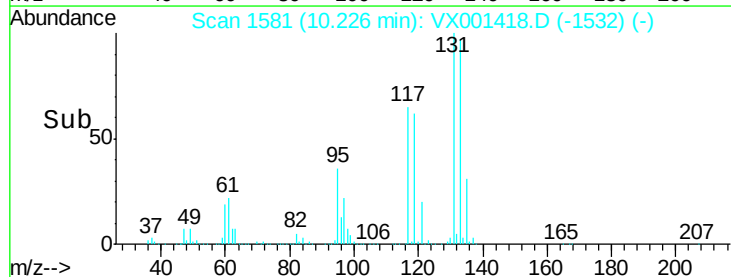
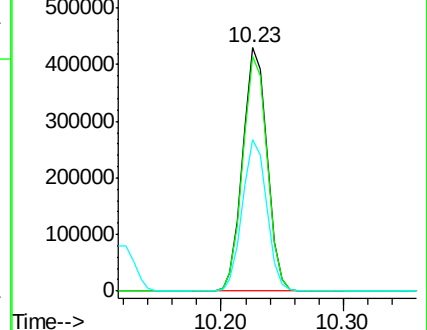
119 62.0 31.1 93.3

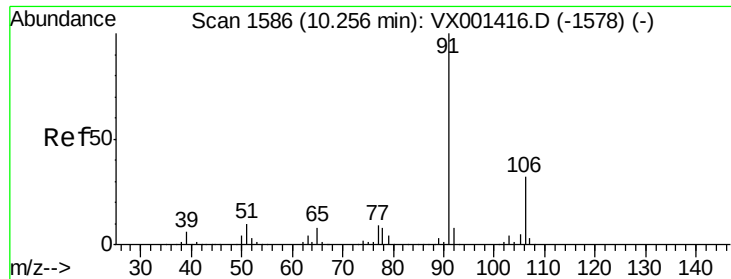


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

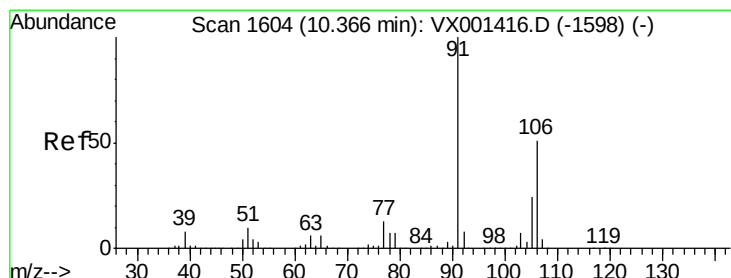
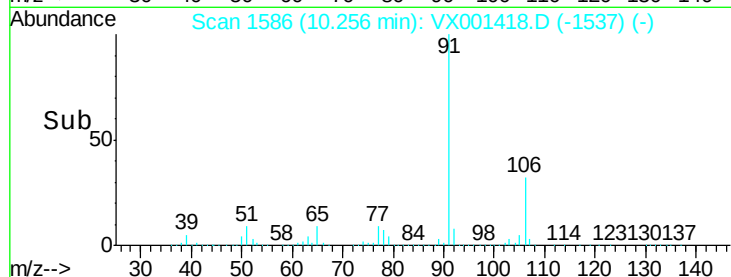
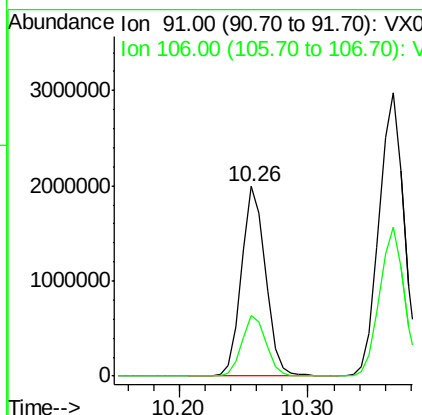
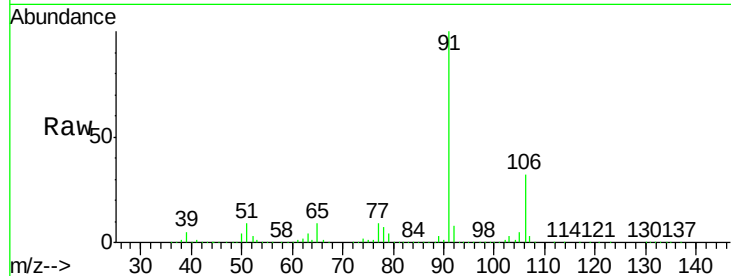




#67
Ethyl Benzene
Concen: 159.57 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

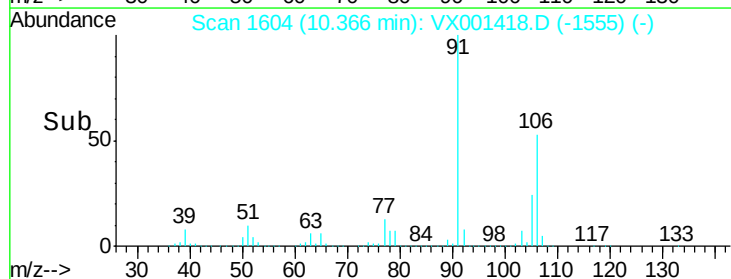
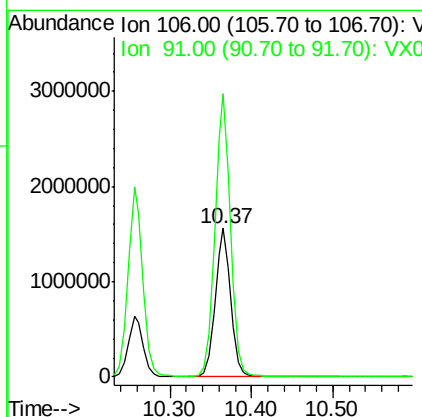
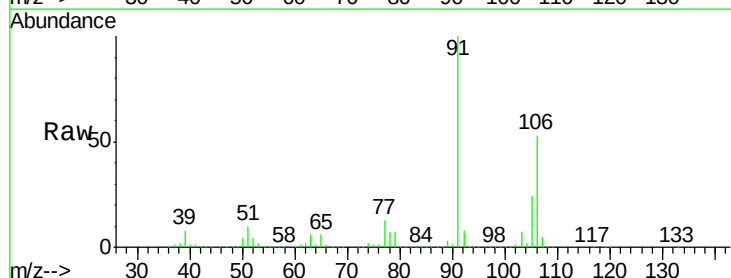
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

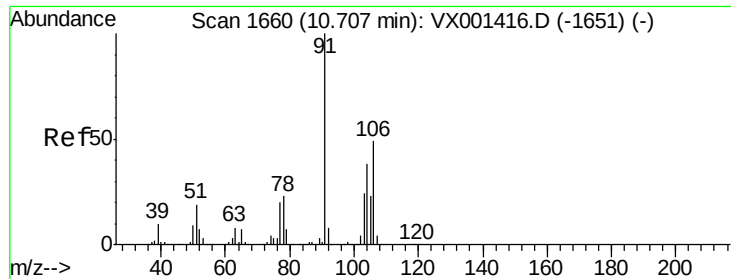
Tgt Ion: 91 Resp: 2578047
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 327.20 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion: 106 Resp: 2084018
Ion Ratio Lower Upper
106 100
91 192.3 157.5 236.3

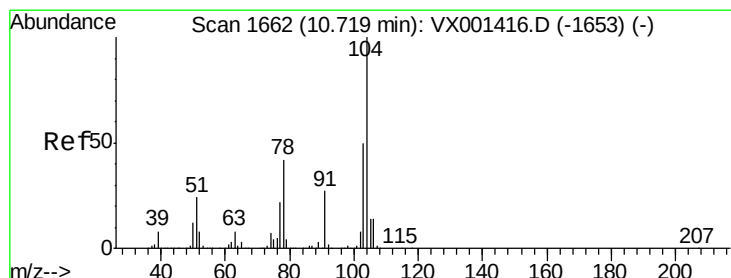
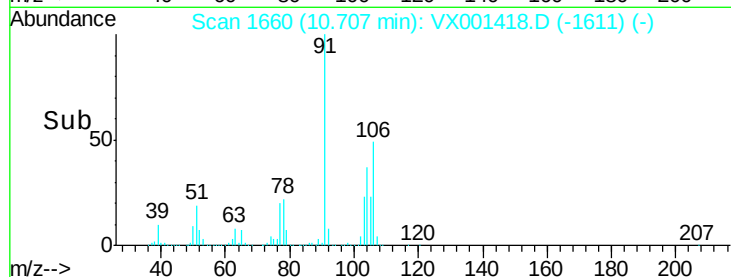
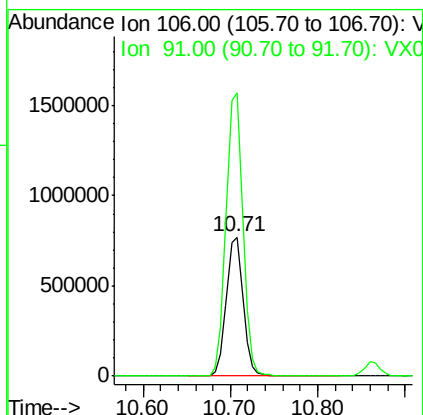
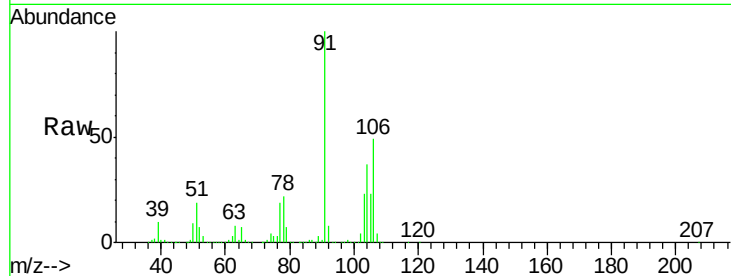




#69
o-Xylene
Concen: 165.32 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

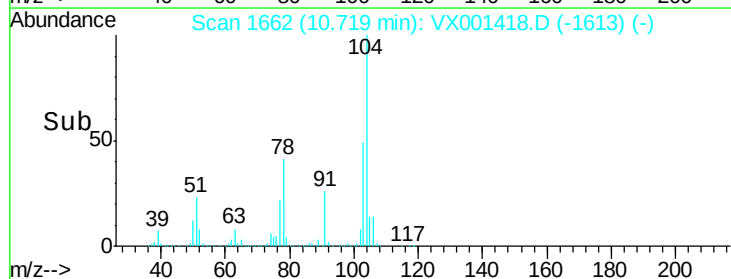
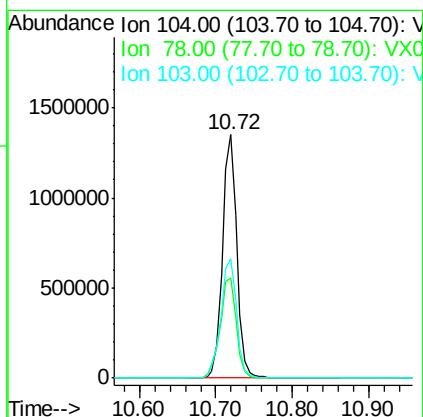
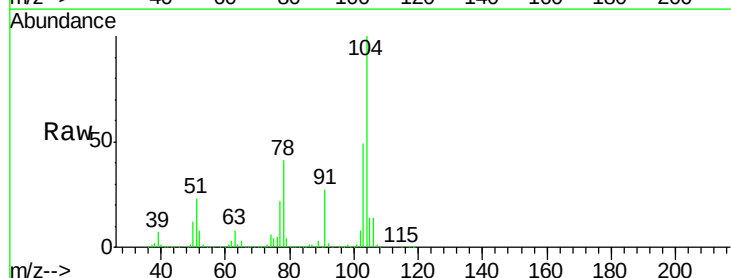
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

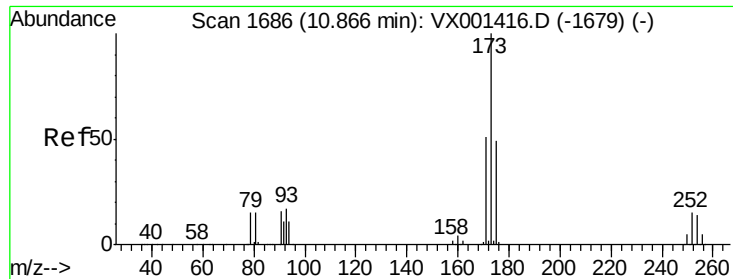
Tgt Ion:106 Resp: 1024408
Ion Ratio Lower Upper
106 100
91 205.5 103.1 309.1



#70
Styrene
Concen: 171.40 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion:104 Resp: 1736010
Ion Ratio Lower Upper
104 100
78 46.9 38.6 58.0
103 54.3 44.0 66.0





#71

Bromoform

Concen: 199.74 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

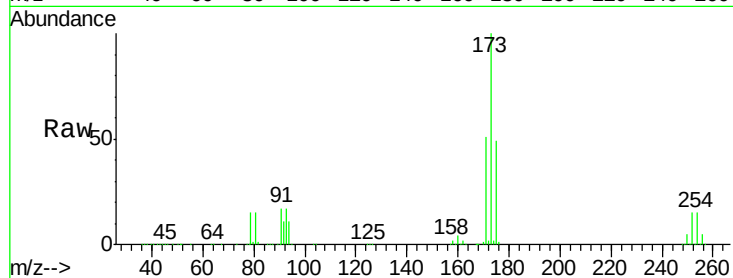
Tgt Ion:173 Resp: 576632

Ion Ratio Lower Upper

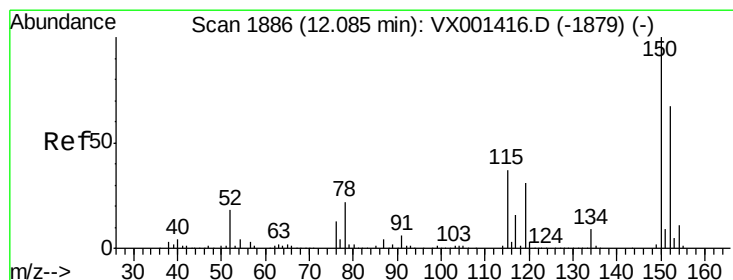
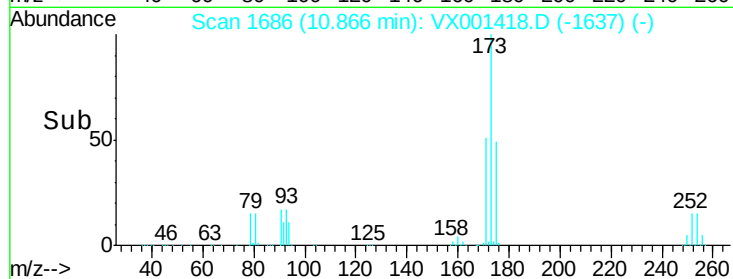
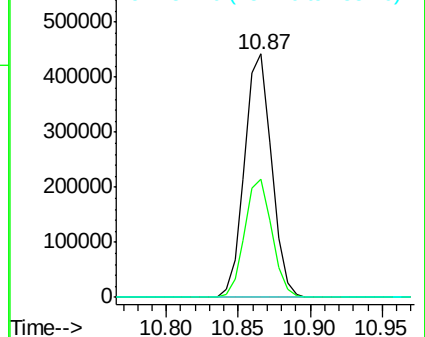
173 100

175 49.0 24.5 73.5

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: VX001418.D

Acq: 05 May 2018 14:17

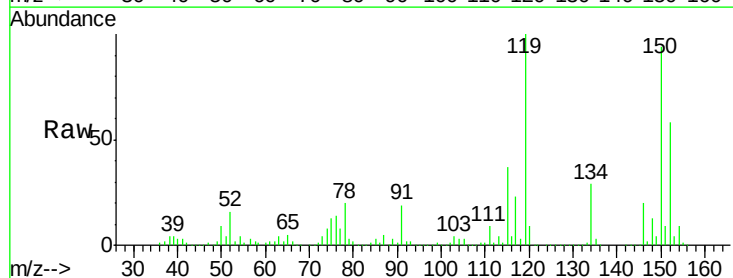
Tgt Ion:152 Resp: 270770

Ion Ratio Lower Upper

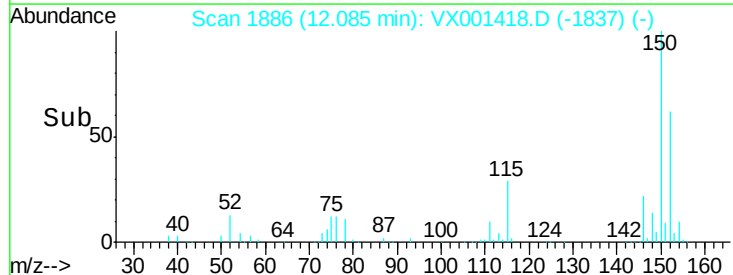
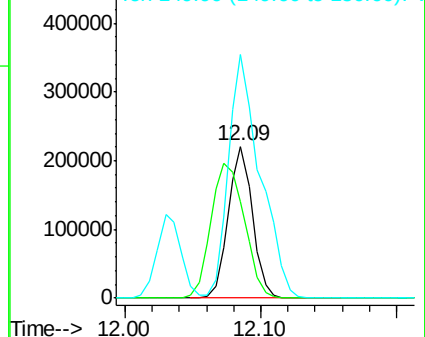
152 100

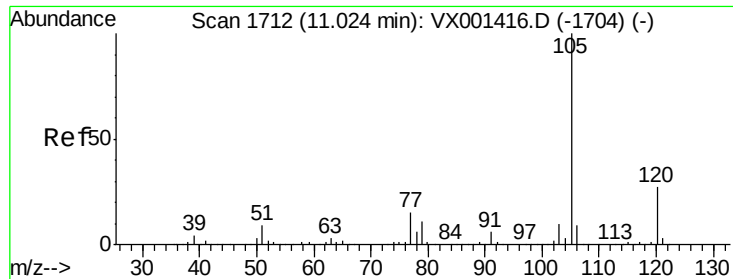
115 122.8 37.7 113.1#

150 211.9 0.0 349.4



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: 148.73 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

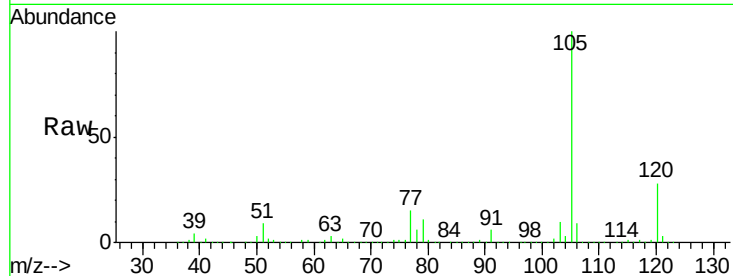
VSTDIC150

Tgt Ion:105 Resp: 2722100

Ion Ratio Lower Upper

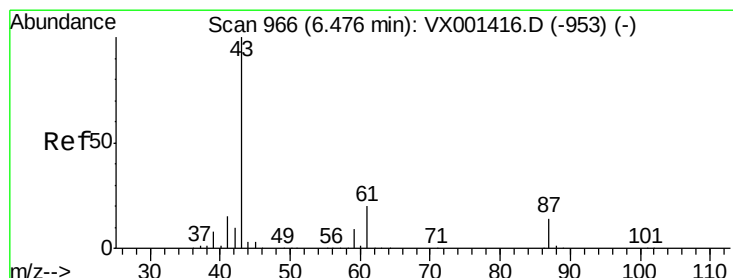
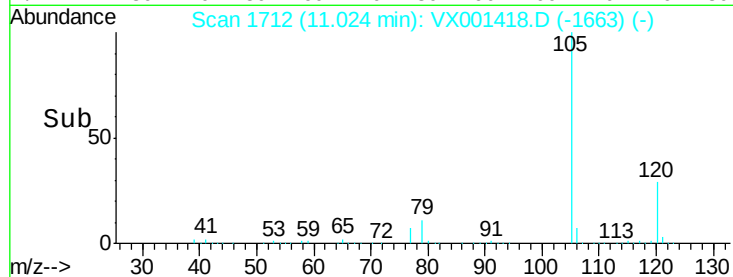
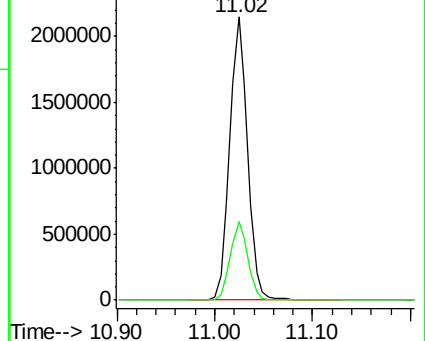
105 100

120 27.5 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 156.55 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Tgt Ion: 43 Resp: 1233721

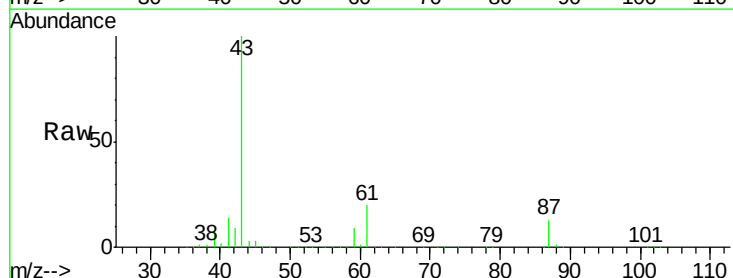
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.8 15.4 23.0

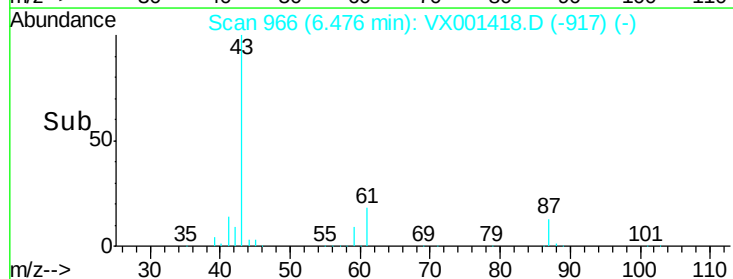
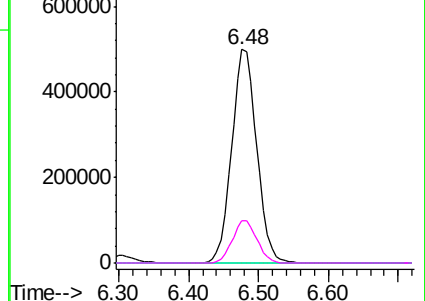


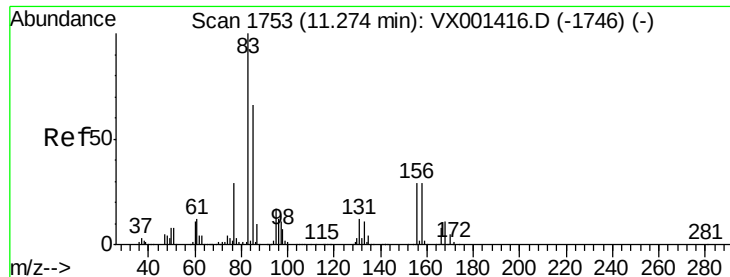
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 155.19 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

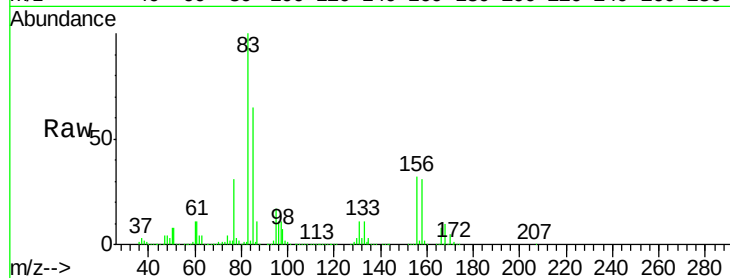
Tgt Ion: 83 Resp: 844043

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

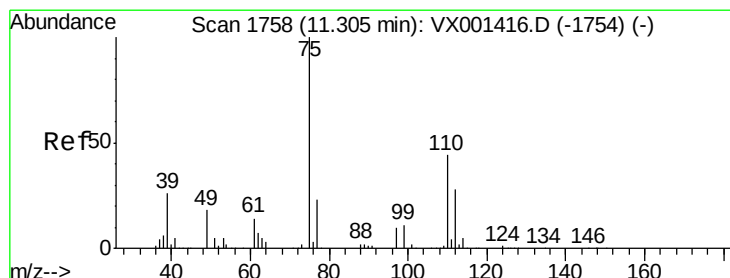
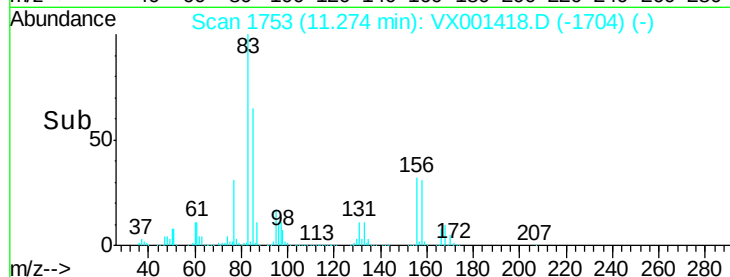
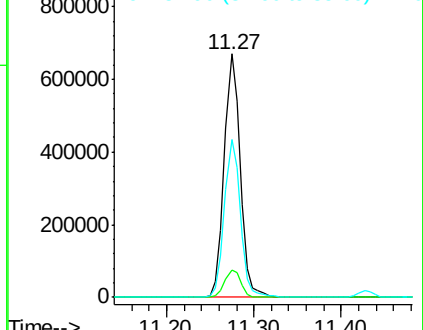
85 64.9 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 203.18 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001418.D

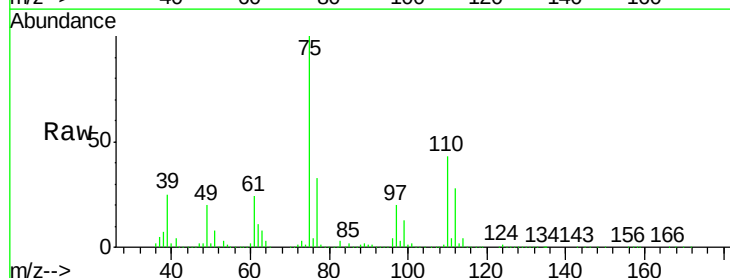
Acq: 05 May 2018 14:17

Tgt Ion: 75 Resp: 1027966

Ion Ratio Lower Upper

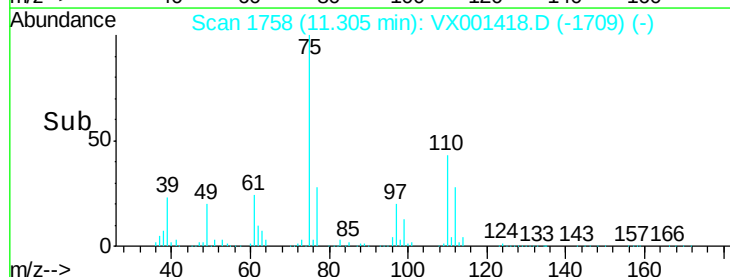
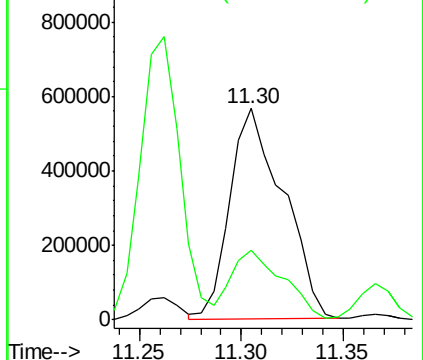
75 100

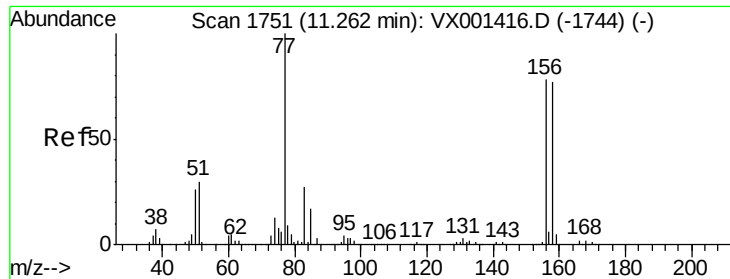
77 32.1 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 150.86 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

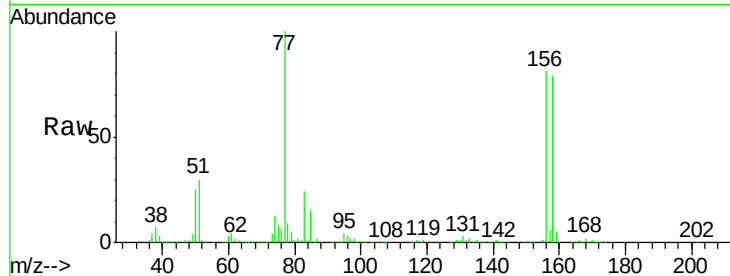
Tgt Ion:156 Resp: 792654

Ion Ratio Lower Upper

156 100

77 130.4 66.0 198.2

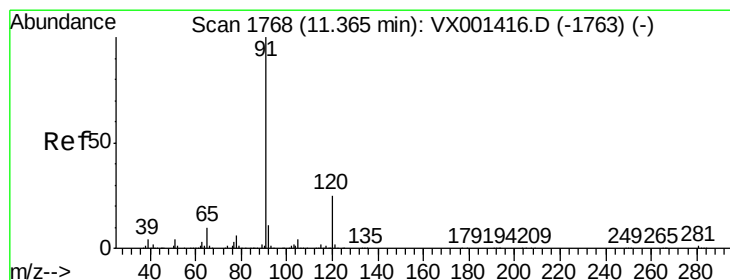
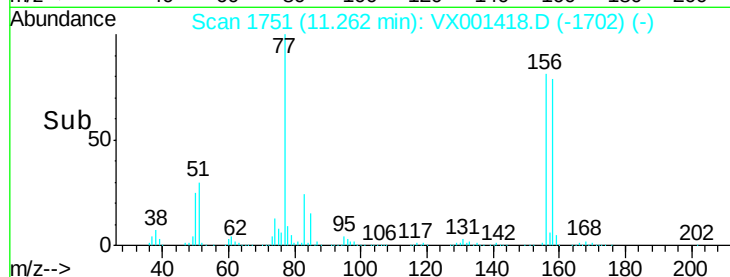
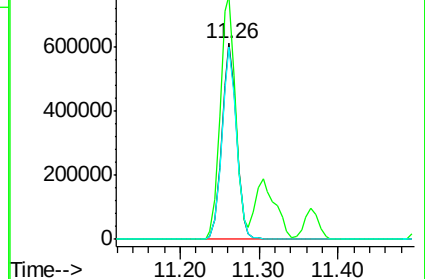
158 97.6 49.4 148.2



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: 148.34 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001418.D

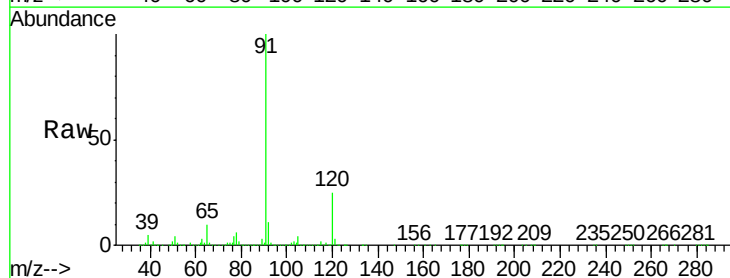
Acq: 05 May 2018 14:17

Tgt Ion: 91 Resp: 3006211

Ion Ratio Lower Upper

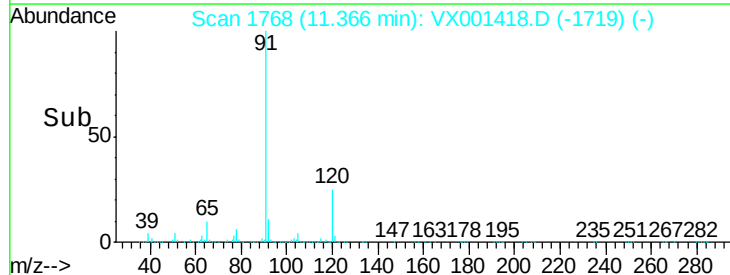
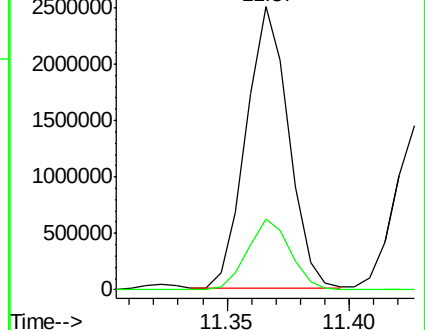
91 100

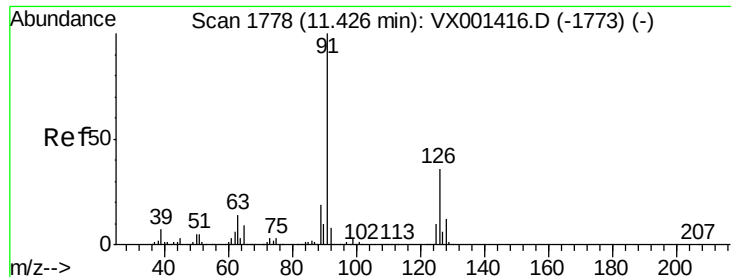
120 25.5 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 147.32 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

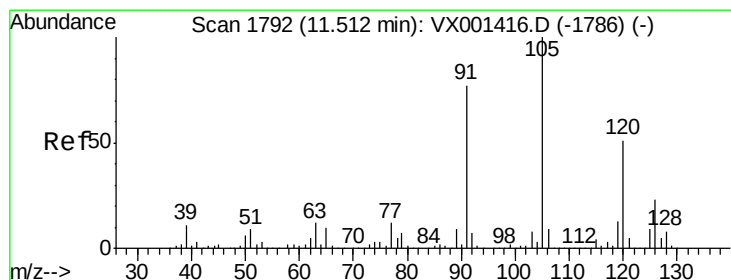
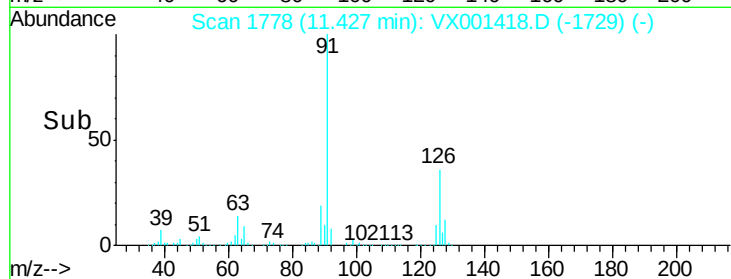
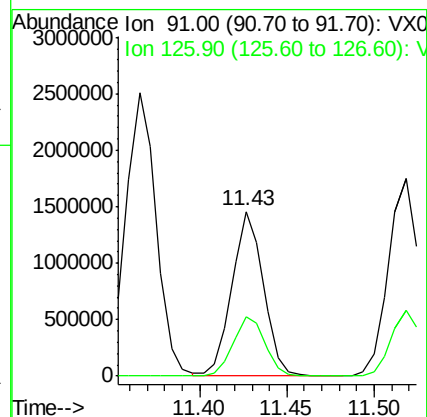
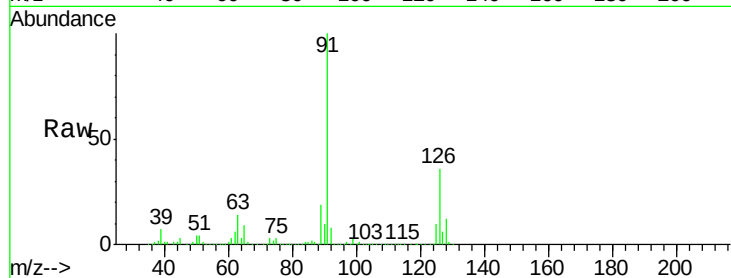
VSTDIC150

Tgt Ion: 91 Resp: 1804428

Ion Ratio Lower Upper

91 100

126 37.3 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 151.57 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001418.D

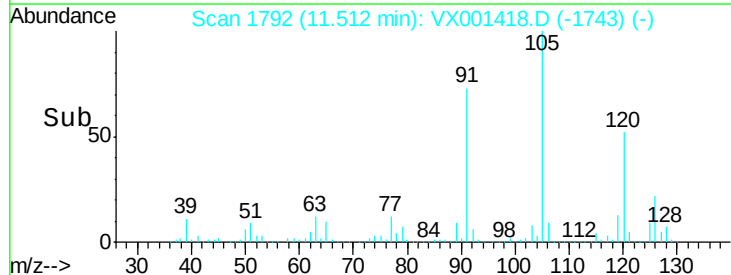
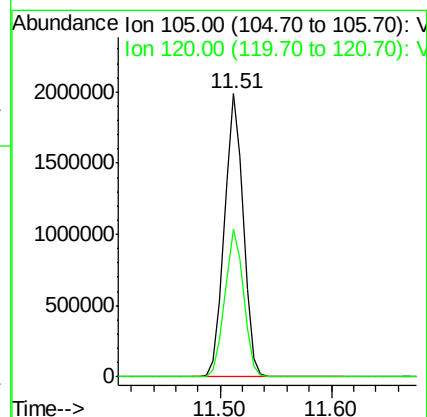
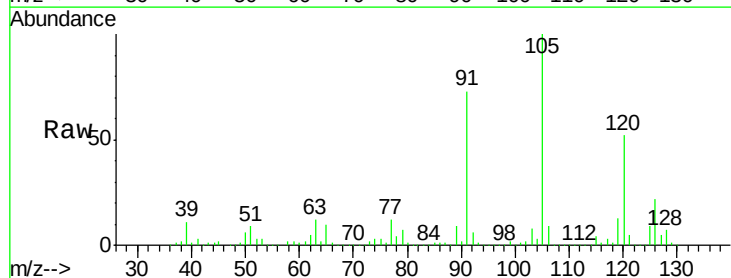
Acq: 05 May 2018 14:17

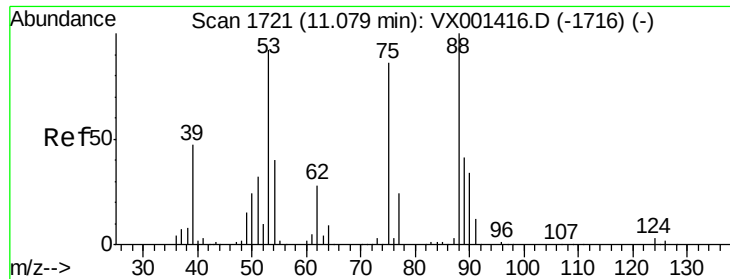
Tgt Ion: 105 Resp: 2317317

Ion Ratio Lower Upper

105 100

120 52.2 25.7 77.1





#81

trans-1,4-Dichloro-2-butene

Concen: 211.97 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

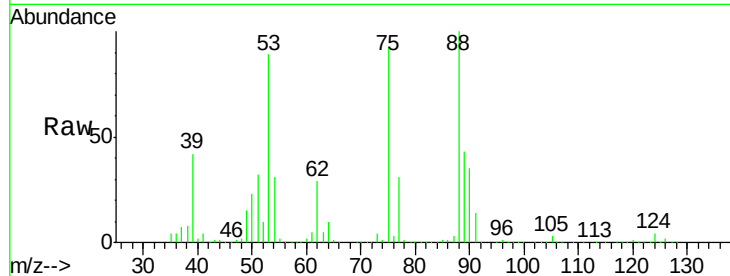
Tgt Ion: 75 Resp: 280746

Ion Ratio Lower Upper

75 100

53 96.1 84.5 126.7

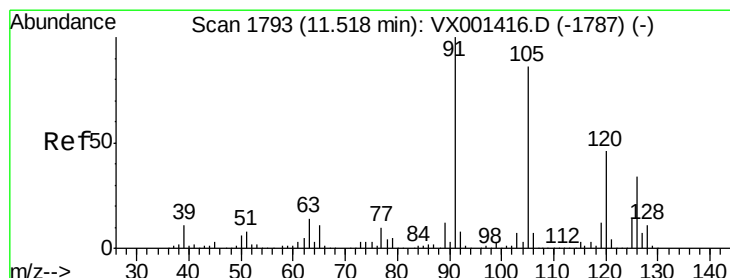
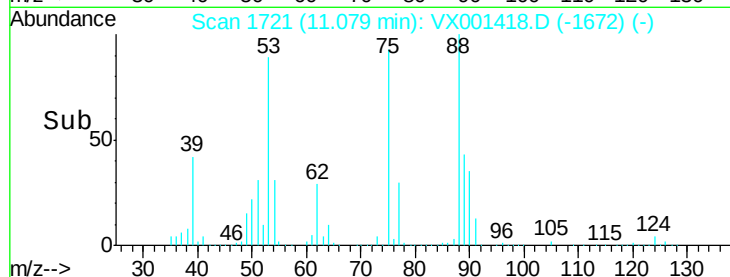
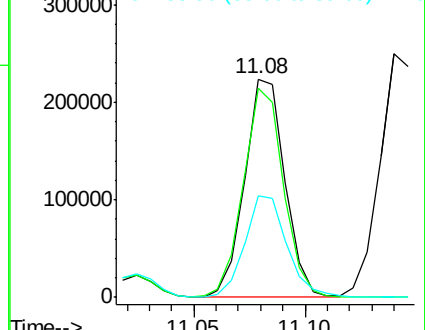
89 49.0 39.5 59.3



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: 147.07 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001418.D

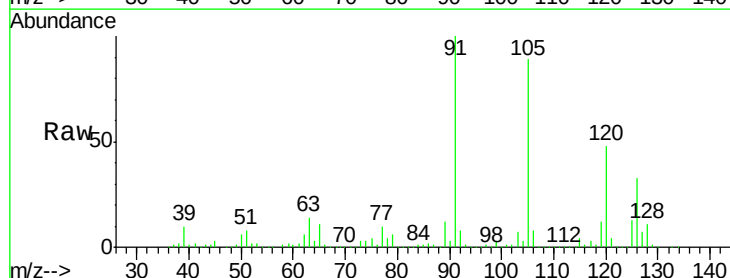
Acq: 05 May 2018 14:17

Tgt Ion: 91 Resp: 2154694

Ion Ratio Lower Upper

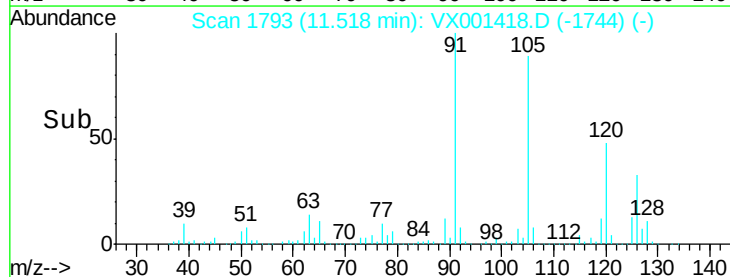
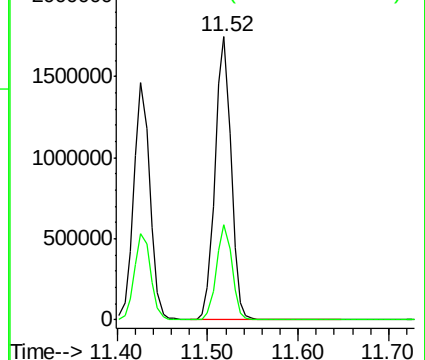
91 100

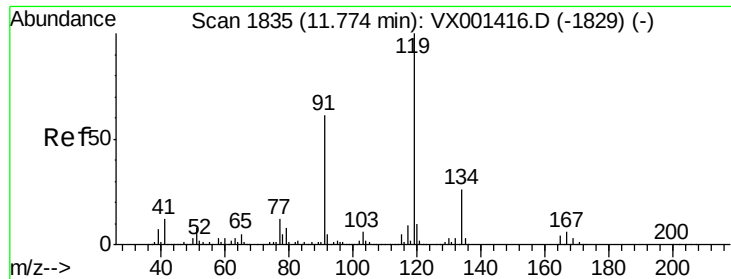
126 32.6 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

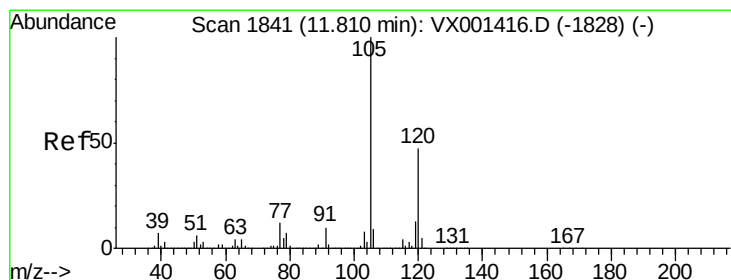
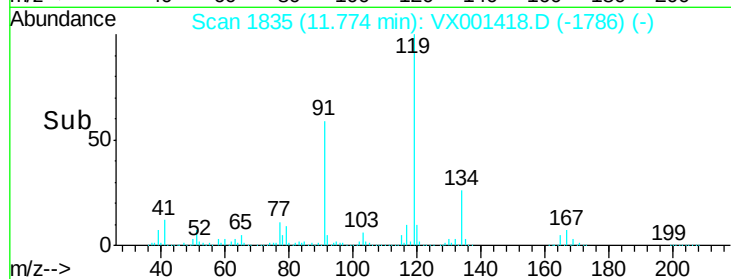
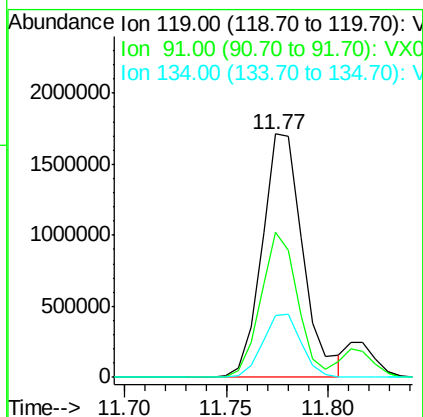
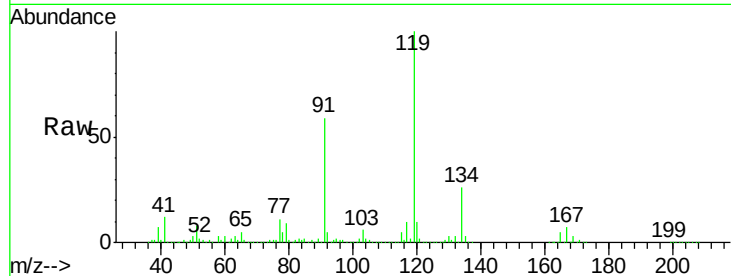




#83
 tert-Butylbenzene
 Concen: 156.73 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

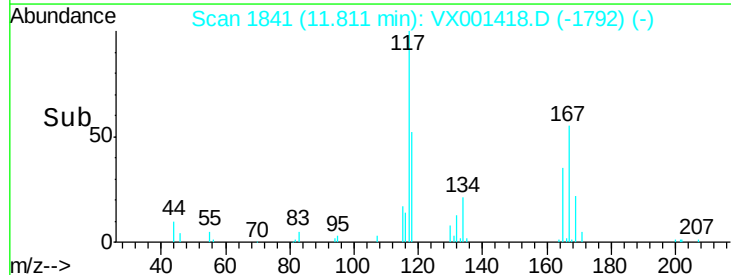
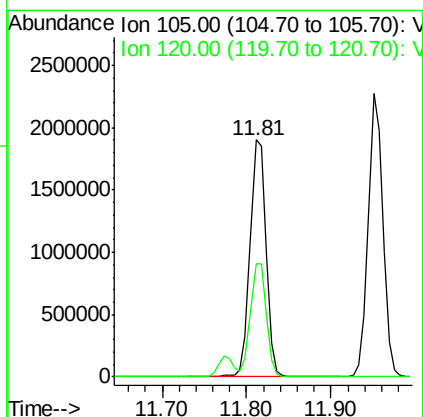
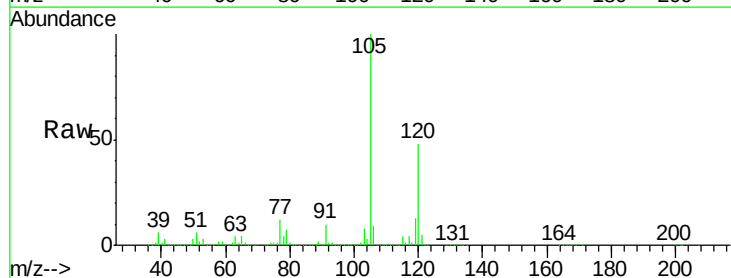
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

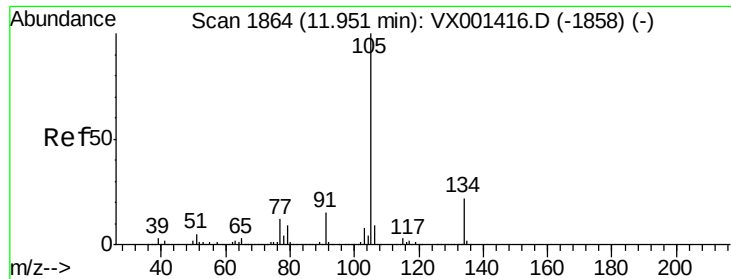
Tgt Ion:119 Resp: 2388928
 Ion Ratio Lower Upper
 119 100
 91 53.6 27.8 83.3
 134 24.7 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 152.44 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion:105 Resp: 2391644
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.4 70.2





#85

sec-Butylbenzene

Concen: 152.24 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

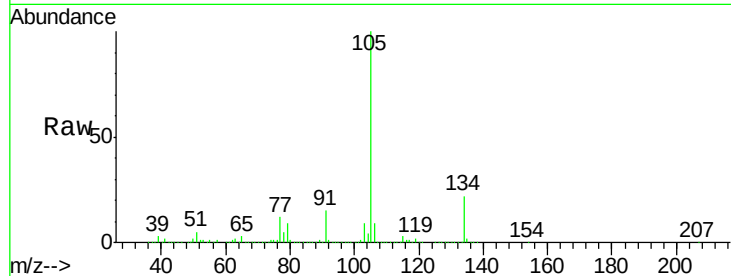
VSTDIC150

Tgt Ion:105 Resp: 2782190

Ion Ratio Lower Upper

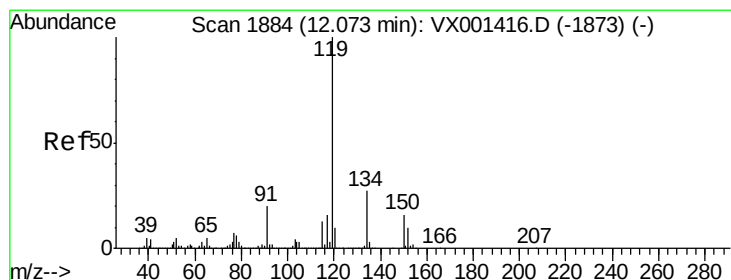
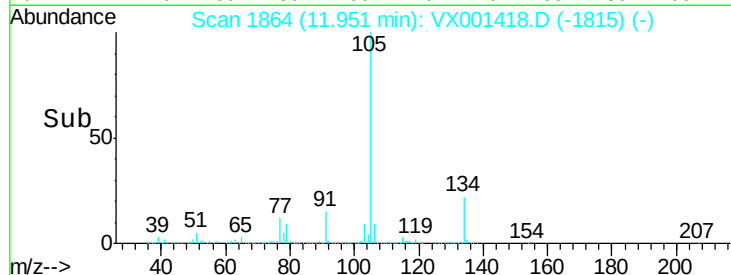
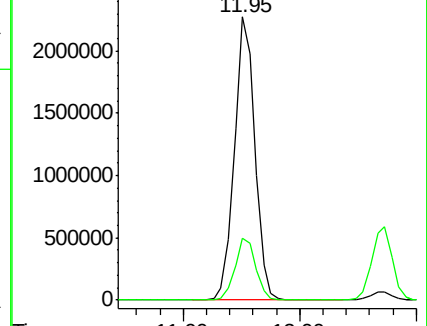
105 100

134 22.2 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 155.53 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

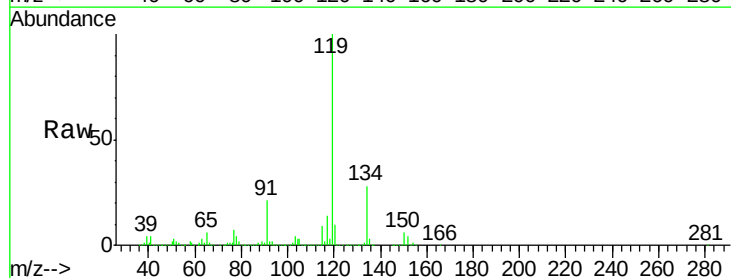
Tgt Ion:119 Resp: 2611645

Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.8

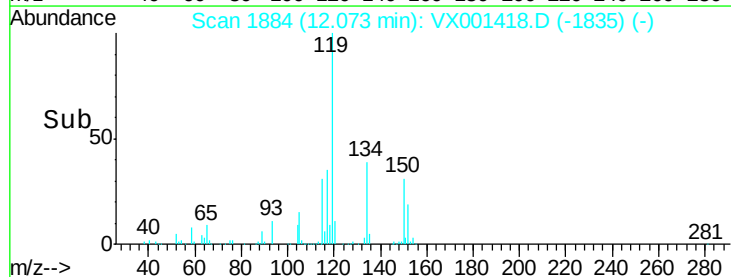
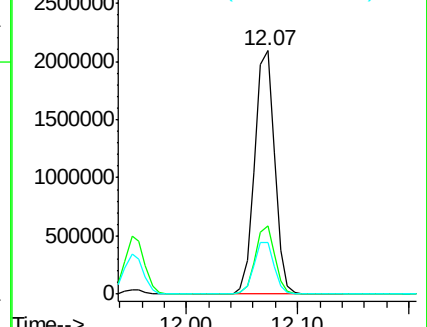
91 21.6 10.8 32.3

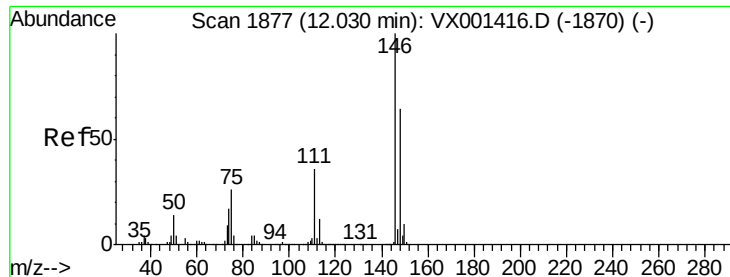


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 147.60 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

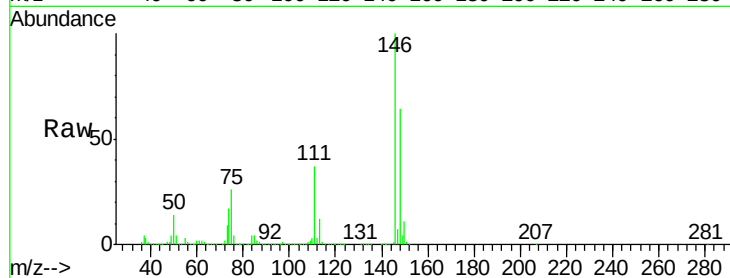
Tgt Ion:146 Resp: 1449468

Ion Ratio Lower Upper

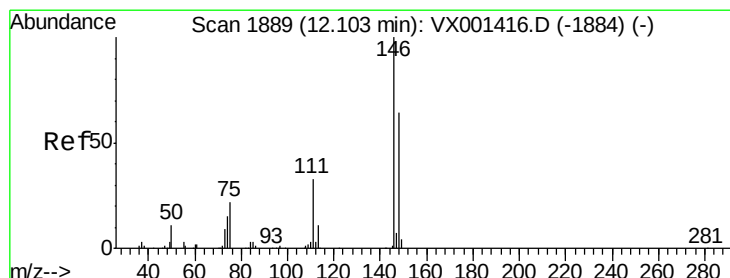
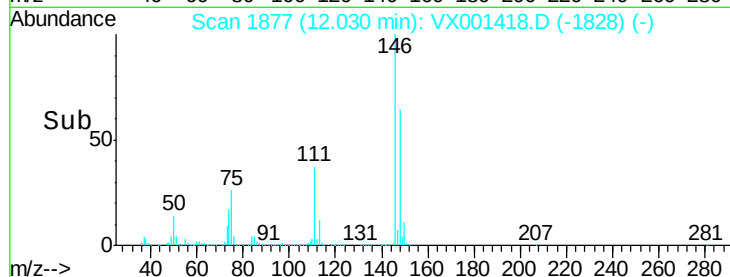
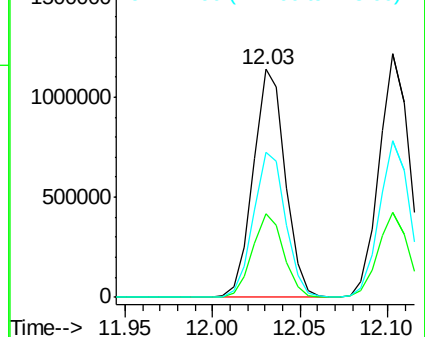
146 100

111 35.8 18.1 54.1

148 64.2 32.1 96.5



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



#88

1,4-Dichlorobenzene

Concen: 145.58 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

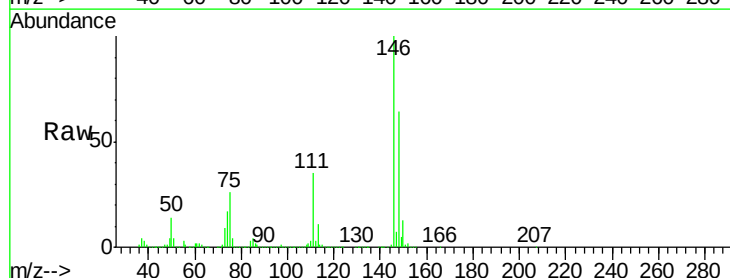
Tgt Ion:146 Resp: 1468243

Ion Ratio Lower Upper

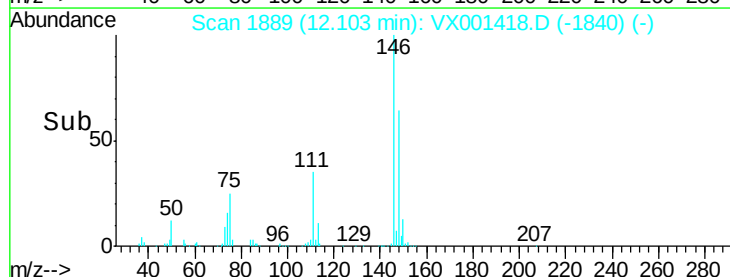
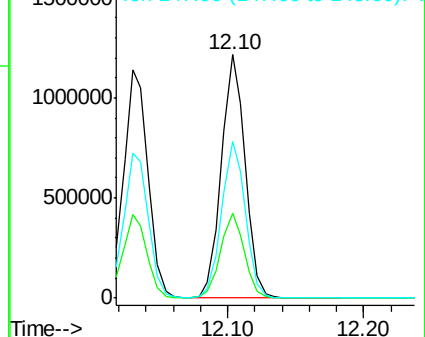
146 100

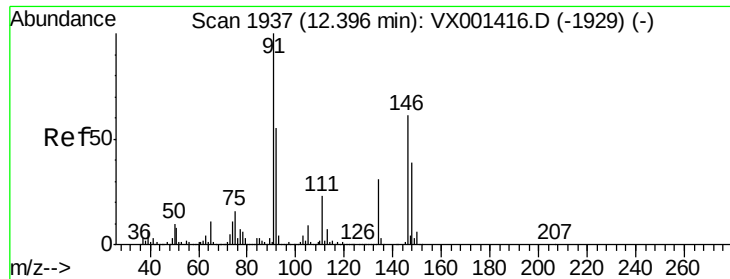
111 34.6 17.4 52.3

148 64.2 32.2 96.6



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





#89

n-Butylbenzene

Concen: 155.12 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

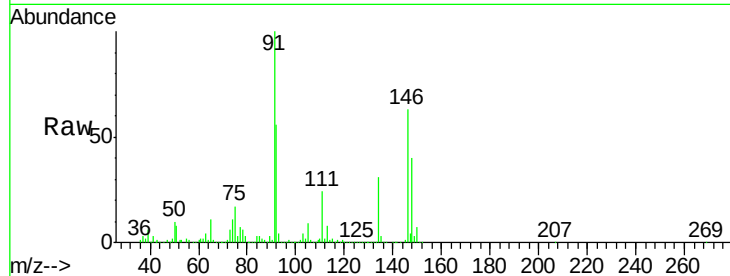
Tgt Ion: 91 Resp: 2253709

Ion Ratio Lower Upper

91 100

92 55.5 27.2 81.5

134 30.0 14.6 44.0

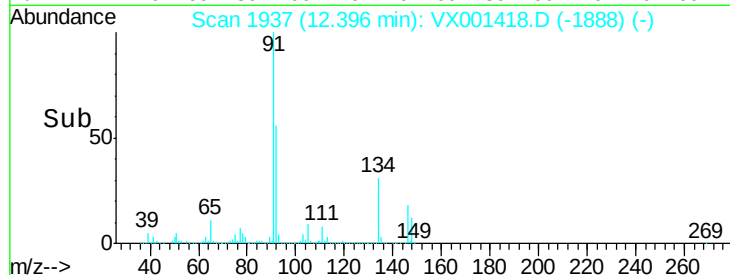


Abundance Ion 91.00 (90.70 to 91.70): VX001418.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX001418.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX001418.D (-1929) (-)

Time-->

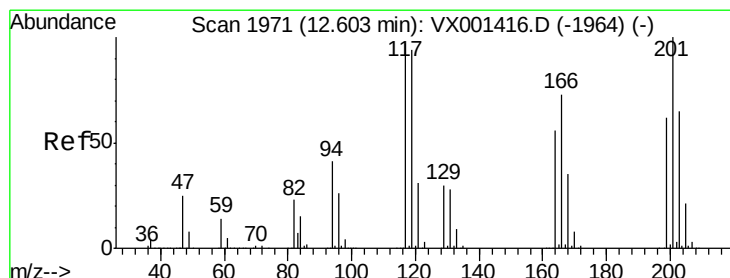


Abundance Ion 91.00 (90.70 to 91.70): VX001418.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX001418.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX001418.D (-1929) (-)

Time-->



#90

Hexachloroethane

Concen: 183.73 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001418.D

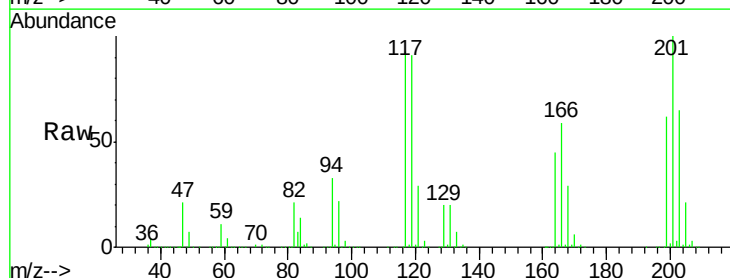
Acq: 05 May 2018 14:17

Tgt Ion: 117 Resp: 447020

Ion Ratio Lower Upper

117 100

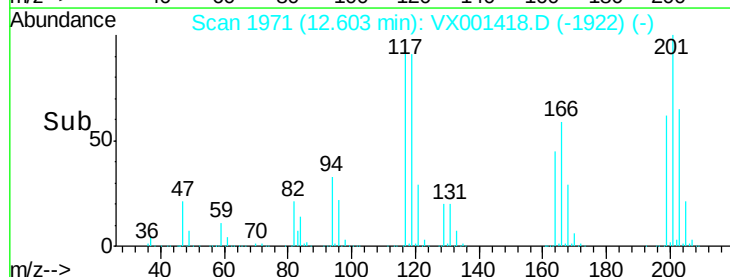
201 104.7 51.5 154.5



Abundance Ion 116.80 (116.50 to 117.50): VX001418.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX001418.D (-1964) (-)

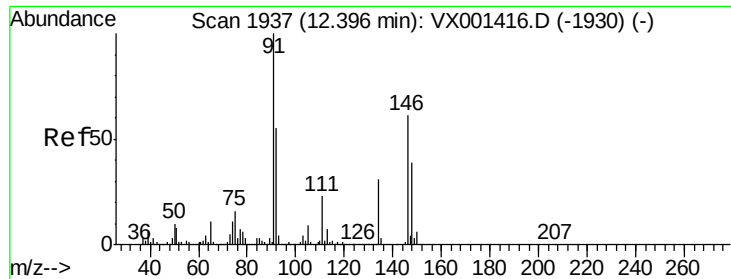
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX001418.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX001418.D (-1964) (-)

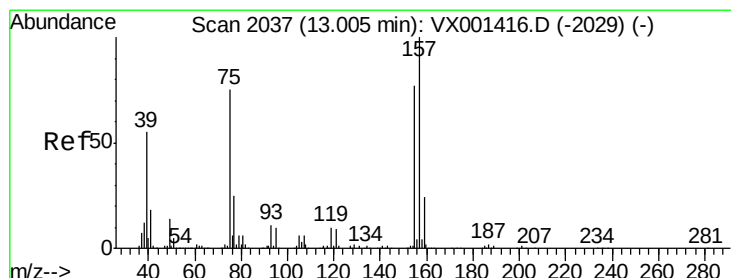
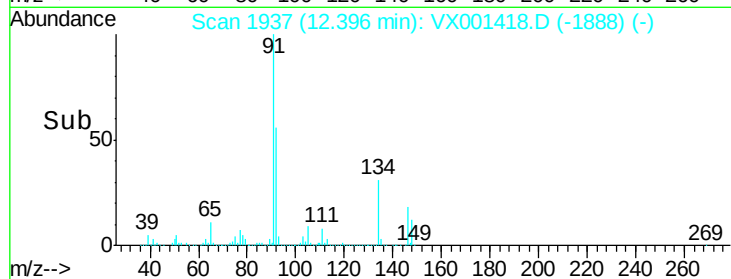
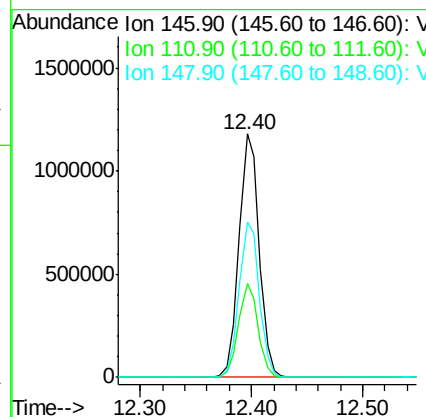
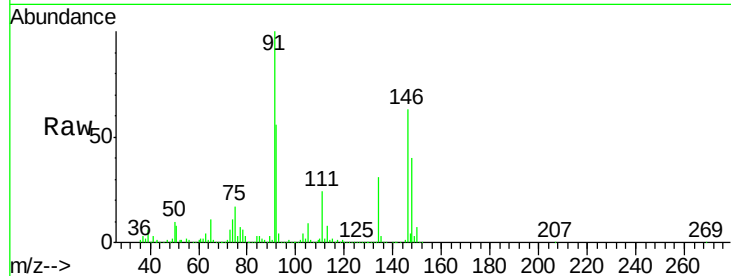
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 150.22 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

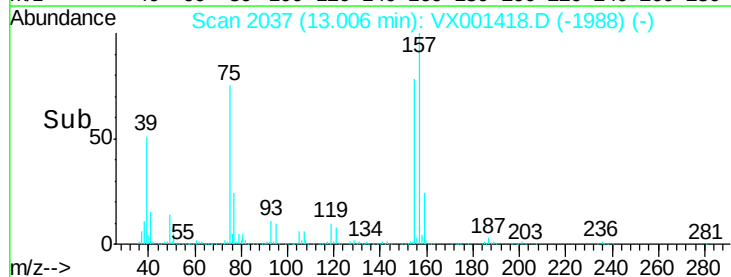
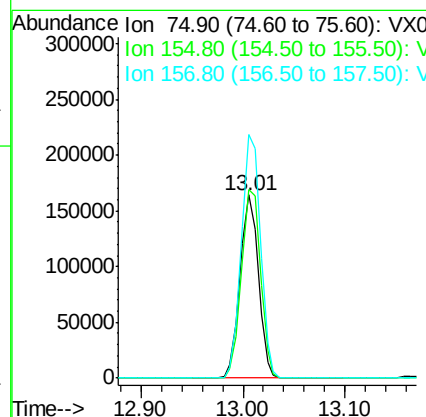
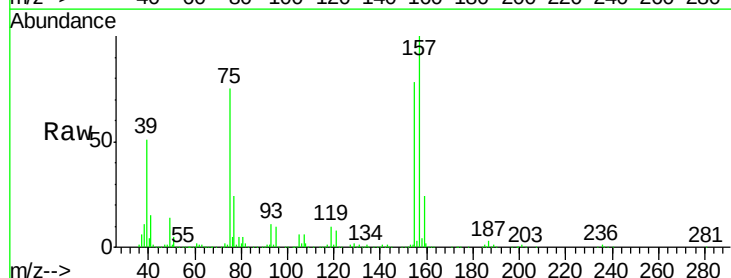
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

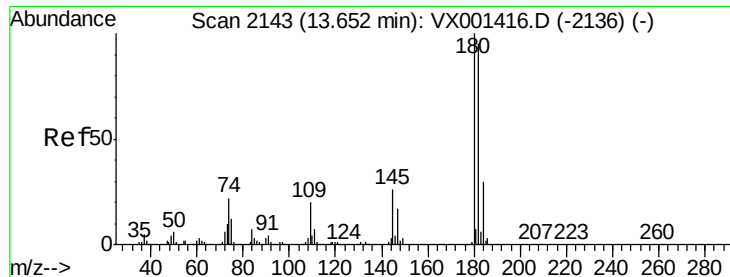
Tgt Ion:146 Resp: 1468049
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.6 55.8
 148 64.5 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 182.73 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion: 75 Resp: 203214
 Ion Ratio Lower Upper
 75 100
 155 107.5 53.4 160.2
 157 137.5 68.3 204.8

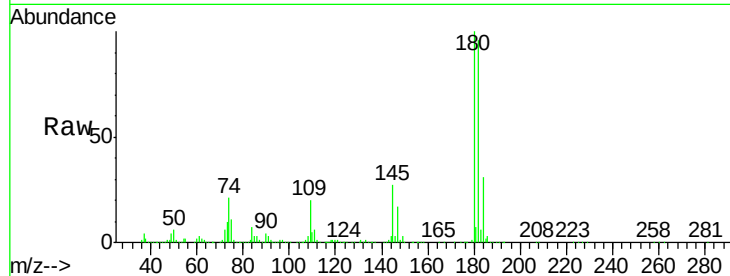




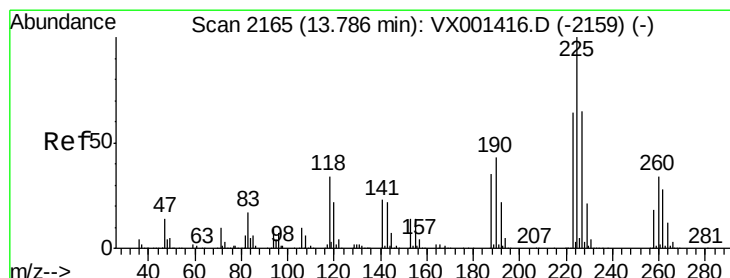
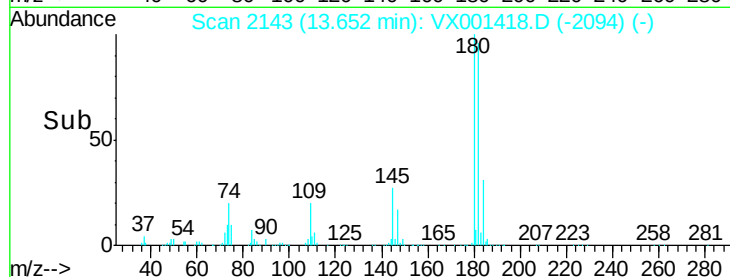
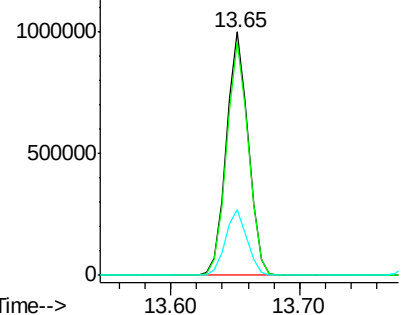
#93
 1,2,4-Trichlorobenzene
 Concen: 149.43 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 1167654
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.8 143.4
 145 26.9 13.3 39.9

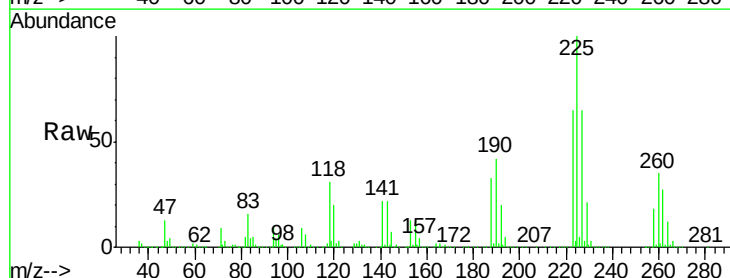


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

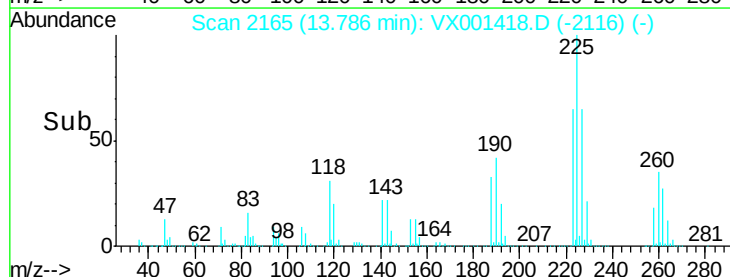
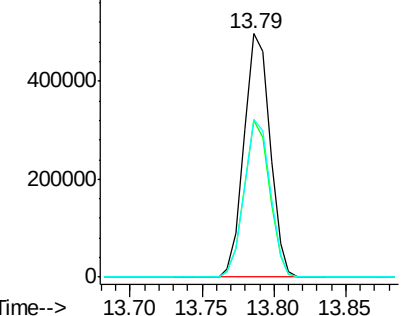


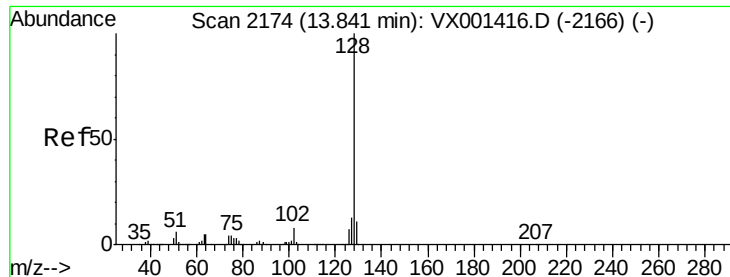
#94
 Hexachlorobutadiene
 Concen: 150.21 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion:225 Resp: 616006
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.9
 227 64.5 32.4 97.2



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

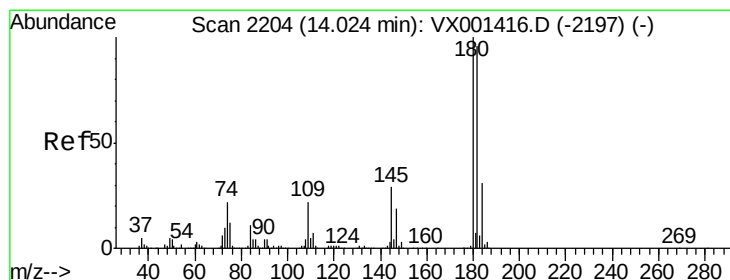
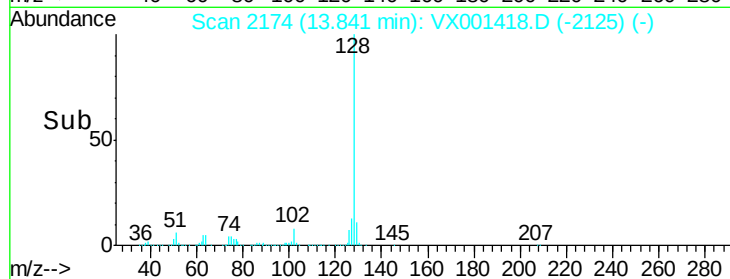
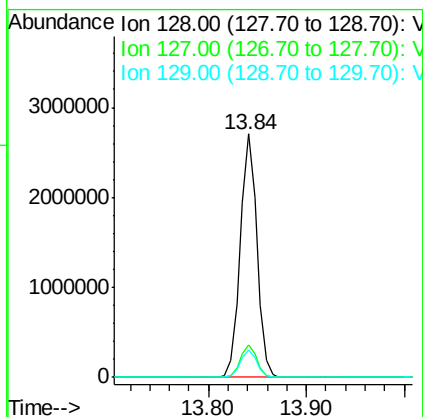
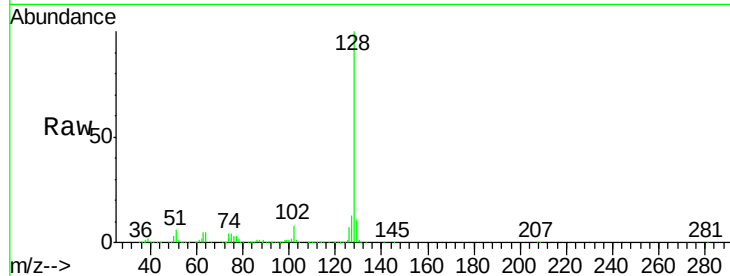




#95
Naphthalene
Concen: 159.24 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 3184373
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 150.40 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion:180 Resp: 1158508
Ion Ratio Lower Upper
180 100
182 96.6 48.0 144.2
145 28.5 14.1 42.4

