

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001899.D
 Acq On : 22 May 2018 17:50
 Operator : JC/MD
 Sample : J2988-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 01:14:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	184113	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	170733	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
35) Dibromofluoromethane	5.51	113	144117	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
50) Toluene-d8	8.72	98	516851	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	11.14	95	172878	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	110579	44.24	ug/l	100
3) Chloromethane	1.32	50	131094	48.55	ug/l	100
4) Vinyl Chloride	1.40	62	136004	46.59	ug/l	99
5) Bromomethane	1.64	94	58341	47.31	ug/l	94
6) Chloroethane	1.72	64	94761	51.53	ug/l	99
7) Trichlorofluoromethane	1.92	101	207055	48.81	ug/l	100
8) Diethyl Ether	2.19	74	88250	50.54	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123738	48.45	ug/l	99
10) Methyl Iodide	2.51	142	167190	71.16	ug/l	98
11) Tert butyl alcohol	3.09	59	189604	319.86	ug/l	99
12) 1,1-Dichloroethene	2.37	96	113910	46.27	ug/l	98
13) Acrolein	2.30	56	70273	167.15	ug/l	99
14) Allyl chloride	2.73	41	241866	53.15	ug/l	98
15) Acrylonitrile	3.15	53	427021	286.81	ug/l	99
16) Acetone	2.45	43	379650	289.50	ug/l	98
17) Carbon Disulfide	2.57	76	250604	39.02	ug/l	98
18) Methyl Acetate	2.78	43	239470	62.46	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	436927	52.65	ug/l	100
20) Methylene Chloride	2.86	84	138510	49.34	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	125126	46.13	ug/l	98
22) Diisopropyl ether	3.88	45	464209	53.17	ug/l	99
23) Vinyl Acetate	3.83	43	1552860	246.88	ug/l	98
24) 1,1-Dichloroethane	3.70	63	248591	51.92	ug/l	100
25) 2-Butanone	4.72	43	637497	317.52	ug/l	100
26) 2,2-Dichloropropane	4.59	77	190781	49.50	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	162764	52.74	ug/l	97
28) Bromochloromethane	5.03	49	136561	64.21	ug/l	96
29) Tetrahydrofuran	5.18	42	411042	314.08	ug/l	98
30) Chloroform	5.22	83	271475	53.98	ug/l	100
31) Cyclohexane	5.57	56	205446	48.95	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	232561	53.51	ug/l	99
36) 1,1-Dichloropropene	5.80	75	184554	49.30	ug/l	99
37) Ethyl Acetate	4.87	43	231591	59.36	ug/l	99
38) Carbon Tetrachloride	5.79	117	209862	53.51	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	214175	48.96	ug/l	97
40) Benzene	6.15	78	582939	52.85	ug/l	100
41) Methacrylonitrile	5.07	41	136724	60.60	ug/l	97
42) 1,2-Dichloroethane	6.21	62	218391	54.75	ug/l	99
43) Isopropyl Acetate	6.48	43	351619	57.58	ug/l	99
44) Trichloroethene	7.22	130	183996	53.74	ug/l	98
45) 1,2-Dichloropropane	7.52	63	148724	54.95	ug/l	96
46) Dibromomethane	7.67	93	102594	53.98	ug/l	99
47) Bromodichloromethane	7.91	83	202594	57.45	ug/l	97
48) Methyl methacrylate	7.79	41	193867	60.32	ug/l	98
49) 1,4-Dioxane	7.77	88	85914	1388.29	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1245188	321.78	ug/l	98
52) Toluene	8.79	92	378571	53.41	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	223658	53.90	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	188262	51.47	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	147205	54.33	ug/l	98
56) Ethyl methacrylate	9.19	69	213670	55.62	ug/l	98
57) 1,3-Dichloropropane	9.38	76	238848	52.66	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	526	0.27	ug/l #	43
59) 2-Hexanone	9.51	43	877154	316.65	ug/l	99
60) Dibromochloromethane	9.59	129	158197	57.02	ug/l	99
61) 1,2-Dibromoethane	9.68	107	151370	53.37	ug/l	99
64) Tetrachloroethene	9.34	164	236440	64.80	ug/l	99
65) Chlorobenzene	10.15	112	395087	51.24	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	154335	56.67	ug/l	98
67) Ethyl Benzene	10.26	91	648252	52.61	ug/l	99
68) m/p-Xylenes	10.37	106	519947	106.95	ug/l	100
69) o-Xylene	10.71	106	253603	54.47	ug/l	100
70) Styrene	10.72	104	407581	53.08	ug/l	100
71) Bromoform	10.87	173	131691	51.85	ug/l	100
73) Isopropylbenzene	11.02	105	680603	56.13	ug/l	100
74) N-amyl acetate	6.48	43	351619	60.49	ug/l #	100
75) 1,1,1,2-Tetrachloroethane	11.27	83	212541	58.44	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	252889	72.23	ug/l	89
77) Bromobenzene	11.26	156	194488	54.59	ug/l	99
78) n-propylbenzene	11.37	91	744922	54.53	ug/l	99
79) 2-Chlorotoluene	11.43	91	450069	55.09	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	560777	56.38	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59312	50.45	ug/l	98
82) 4-Chlorotoluene	11.52	91	516595	53.68	ug/l	99
83) tert-Butylbenzene	11.77	119	575406	58.13	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	583624	56.66	ug/l	100
85) sec-Butylbenzene	11.95	105	678879	55.56	ug/l	100
86) p-Isopropyltoluene	12.07	119	620153	54.85	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	343811	52.18	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	344097	50.51	ug/l	100
89) n-Butylbenzene	12.40	91	491748	50.29	ug/l	100
90) Hexachloroethane	12.60	117	102102	58.14	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	355521	54.15	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49719	64.05	ug/l	98

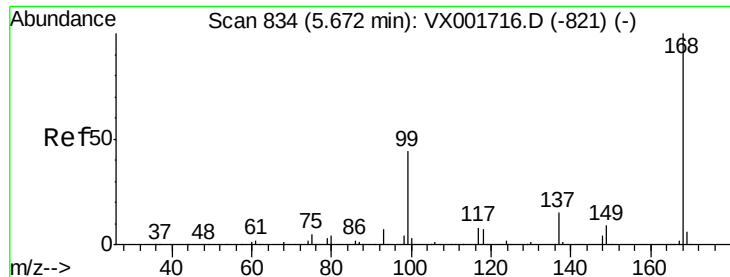
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	259081	49.51	ug/l	99
94) Hexachlorobutadiene	13.79	225	139629	49.70	ug/l	99
95) Naphthalene	13.84	128	783933	57.63	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	276412	52.46	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

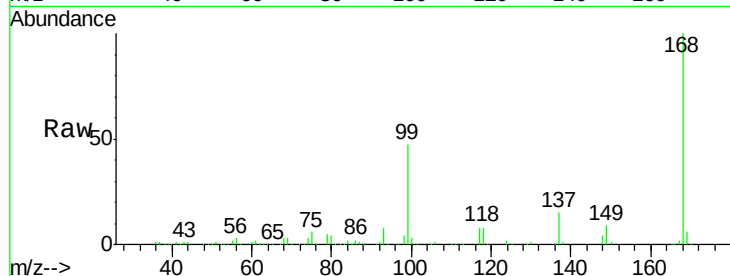
ClientSampleId :

Tot Ion:168 Resp: 249094

Ion Ratio Lower Upper

168 100

99 46.6 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

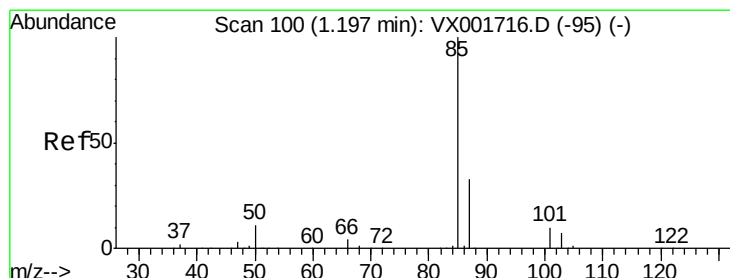
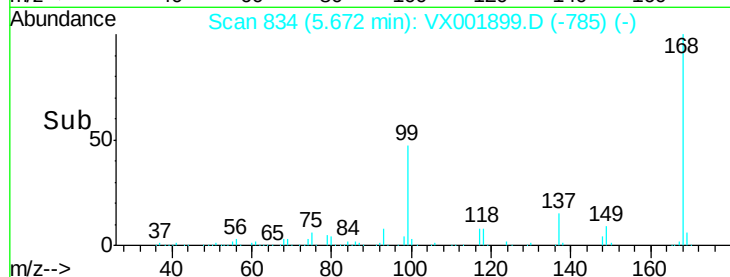
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.24 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001899.D

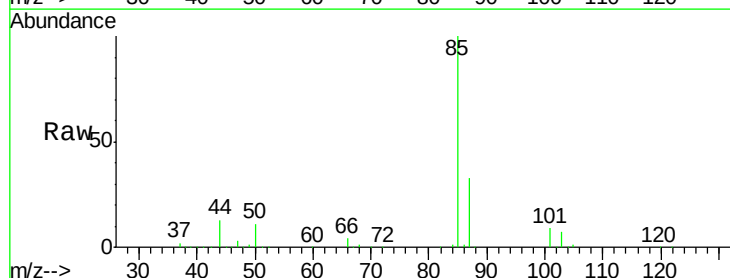
Acq: 22 May 2018 17:50

Tgt Ion: 85 Resp: 110579

Ion Ratio Lower Upper

85 100

87 33.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

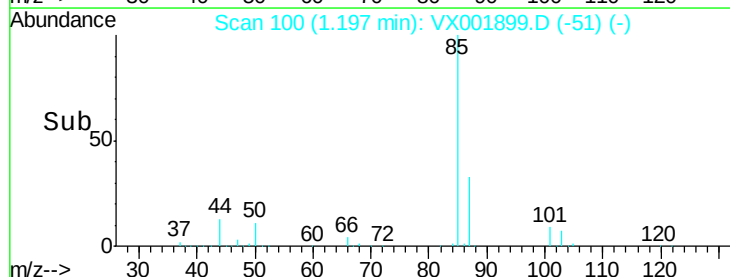
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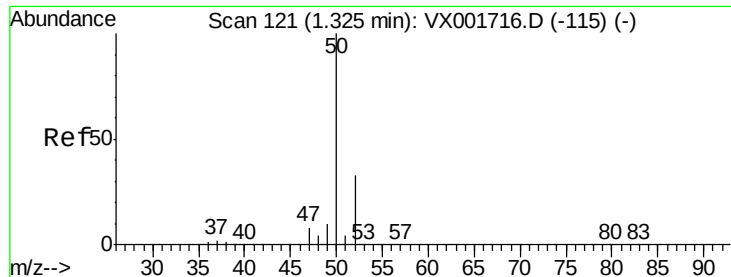
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.55 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

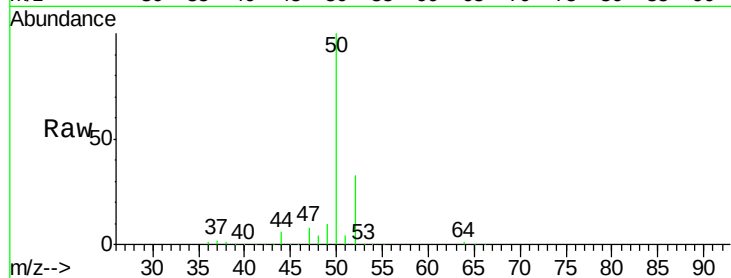
ClientSampleId :

Tot Ion: 50 Resp: 131094

Ion Ratio Lower Upper

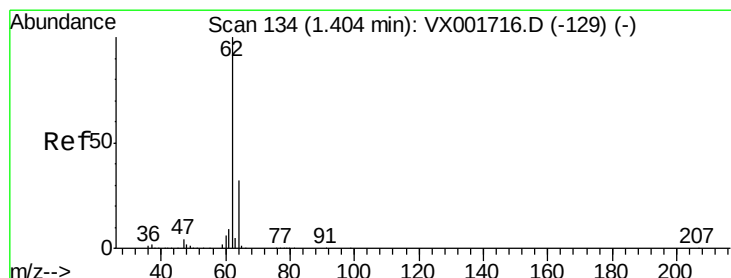
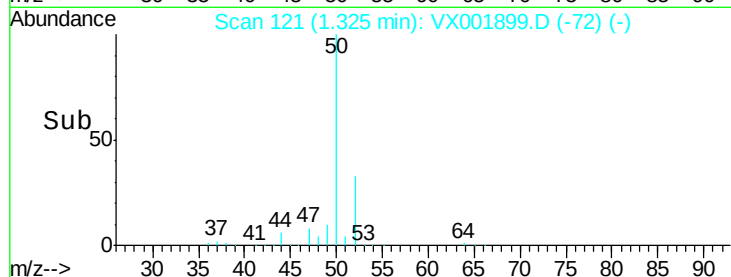
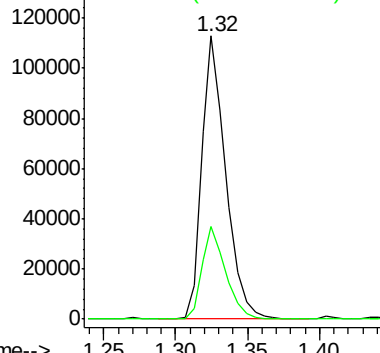
50 100

52 33.0 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.59 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001899.D

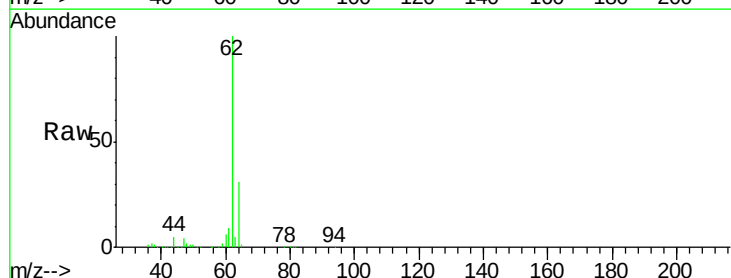
Acq: 22 May 2018 17:50

Tgt Ion: 62 Resp: 136004

Ion Ratio Lower Upper

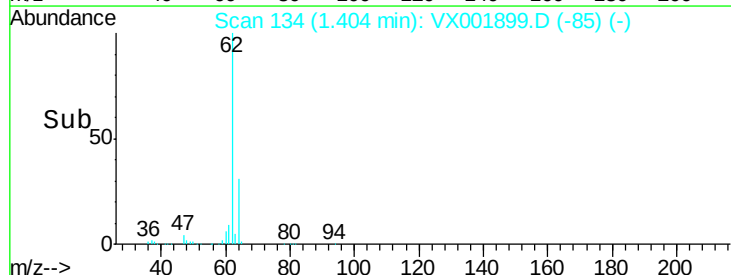
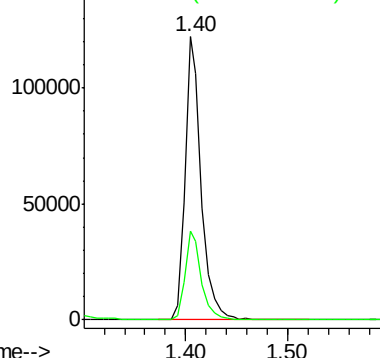
62 100

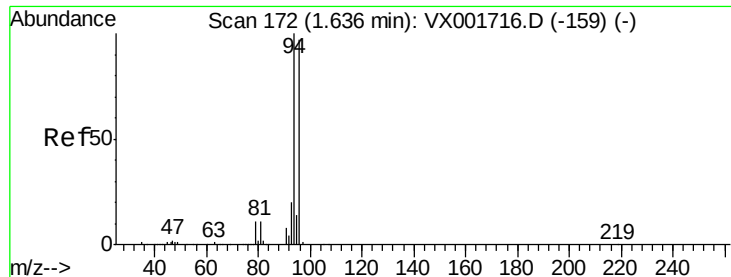
64 31.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.31 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

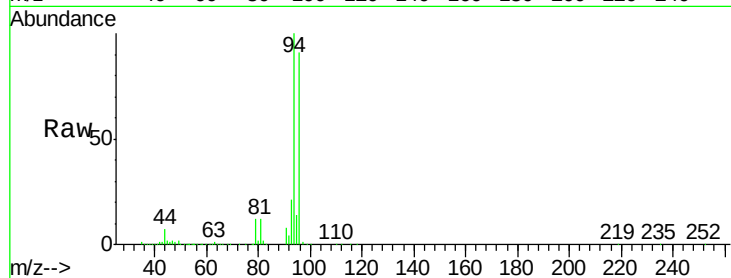
ClientSampleId :

Tot Ion: 94 Resp: 58341

Ion Ratio Lower Upper

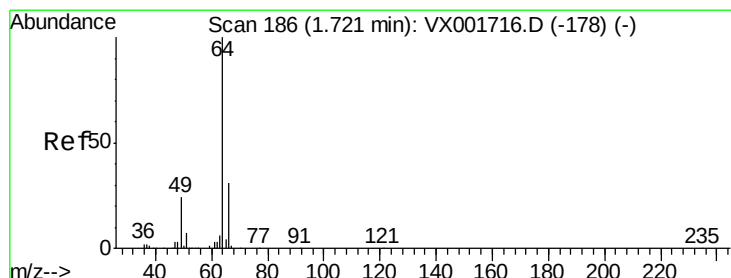
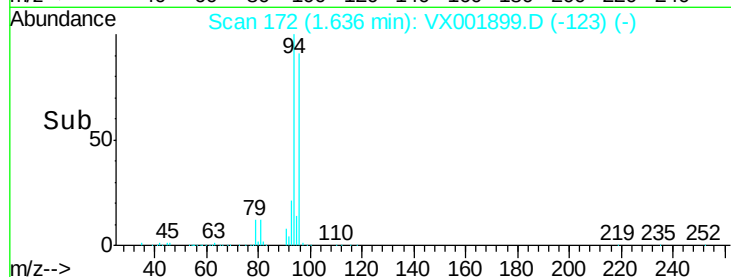
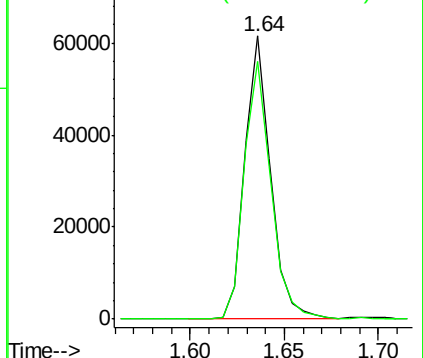
94 100

96 91.0 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.53 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX001899.D

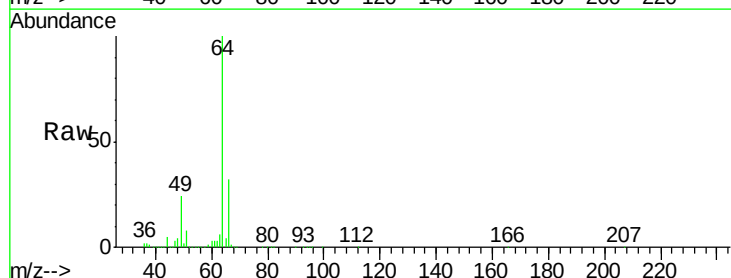
Acq: 22 May 2018 17:50

Tgt Ion: 64 Resp: 94761

Ion Ratio Lower Upper

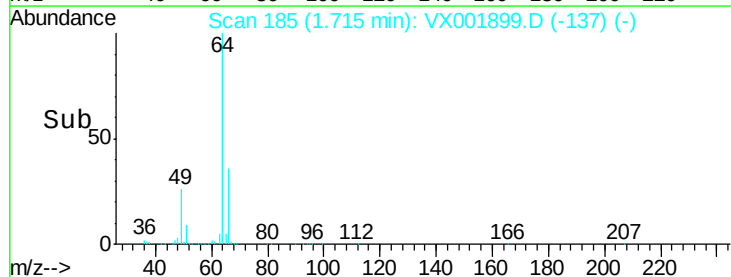
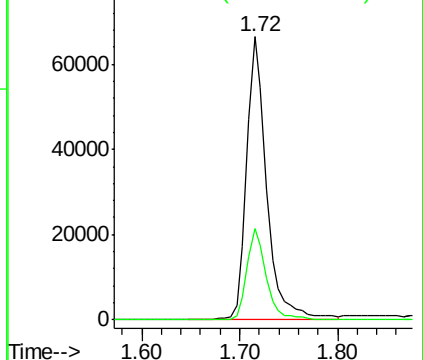
64 100

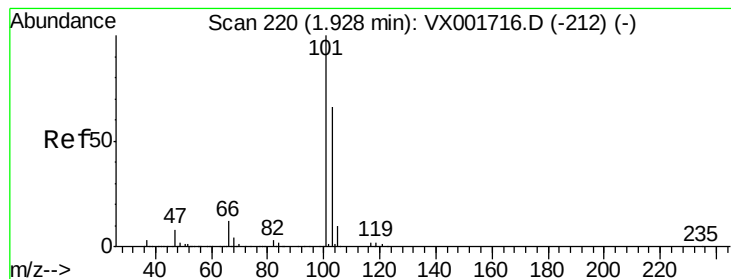
66 32.3 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



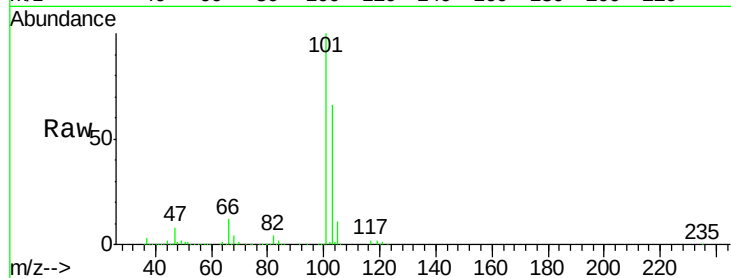


#7

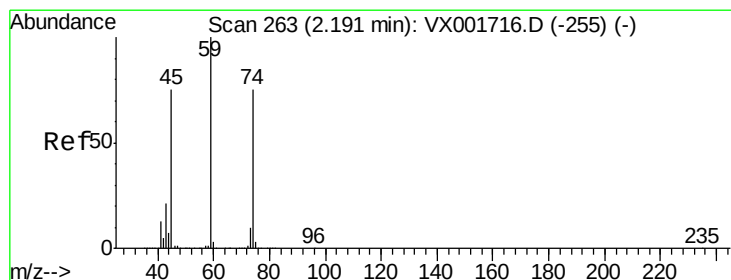
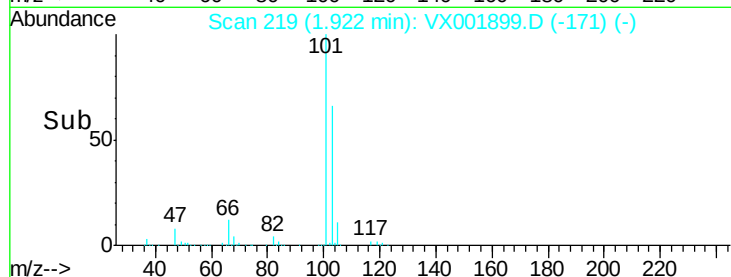
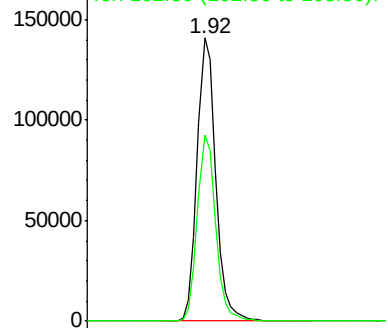
Trichlorofluoromethane
Concen: 48.81 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:101 Resp: 207055
Ion Ratio Lower Upper
101 100
103 65.8 52.6 78.8



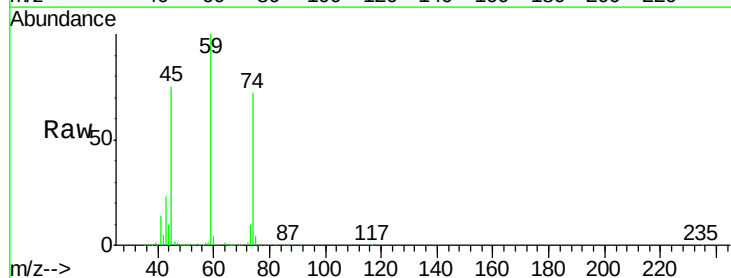
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



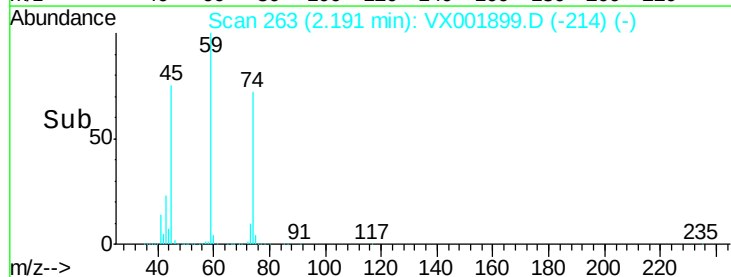
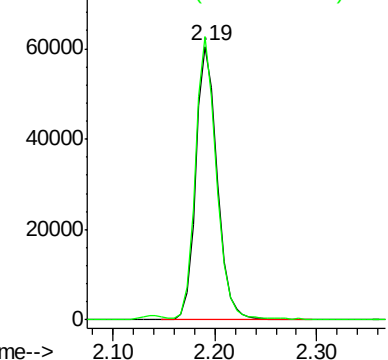
#8

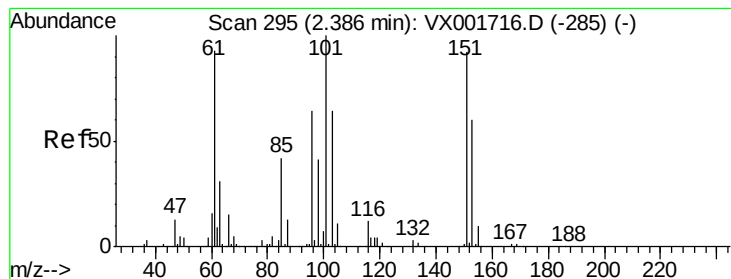
Diethyl Ether
Concen: 50.54 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion: 74 Resp: 88250
Ion Ratio Lower Upper
74 100
45 100.7 50.0 149.8



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: 48.45 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

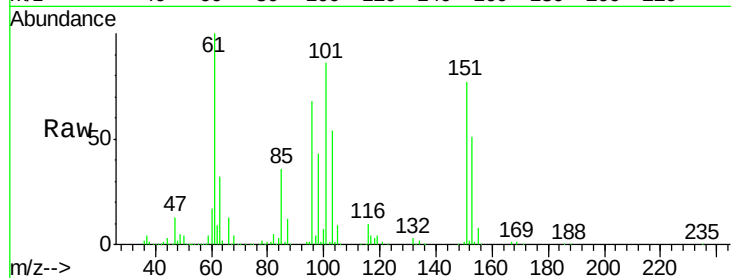
Tot Ion:101 Resp: 123738

Ion Ratio Lower Upper

101 100

85 41.9 33.7 50.5

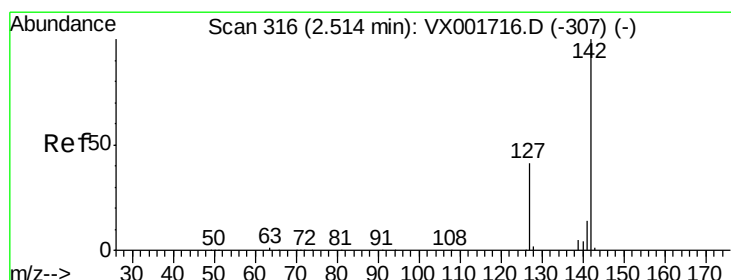
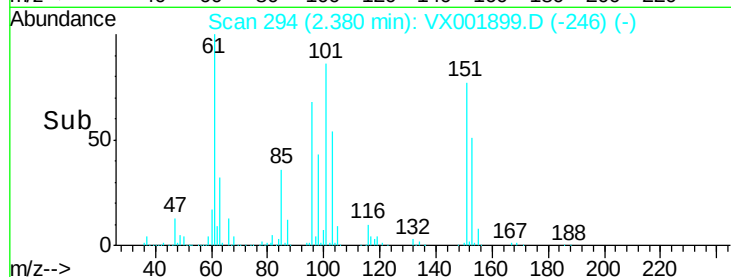
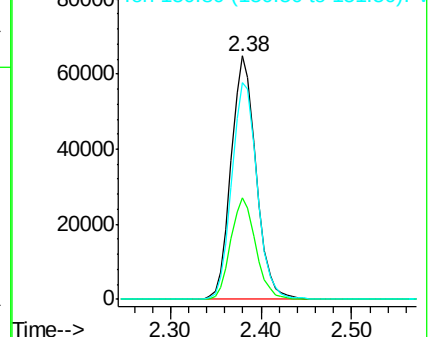
151 90.8 73.0 109.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 71.16 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

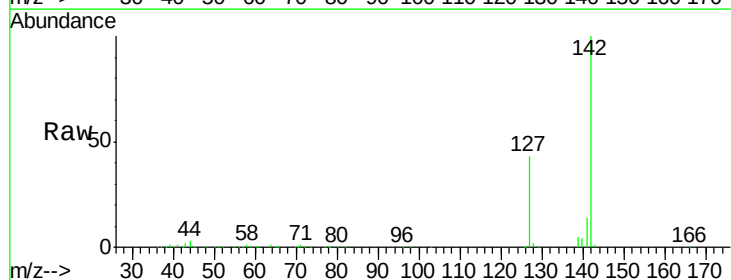
Tgt Ion:142 Resp: 167190

Ion Ratio Lower Upper

142 100

127 41.8 32.5 48.7

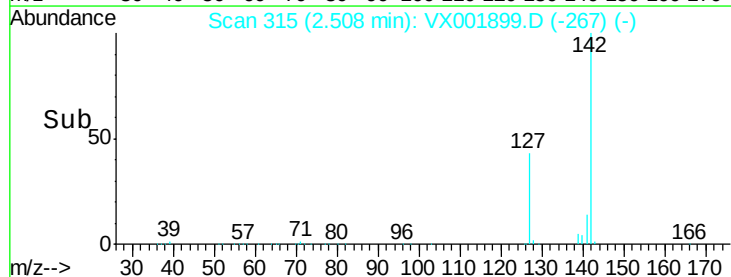
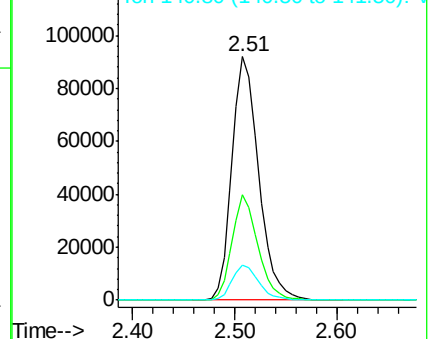
141 14.3 11.4 17.0

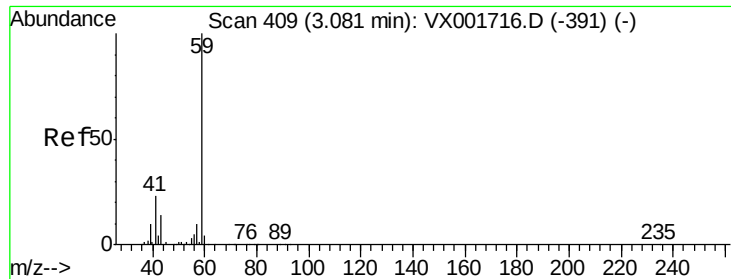


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

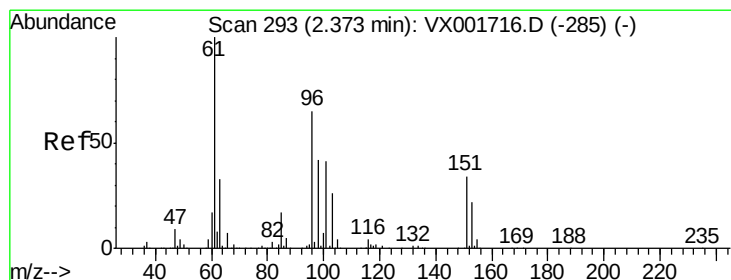
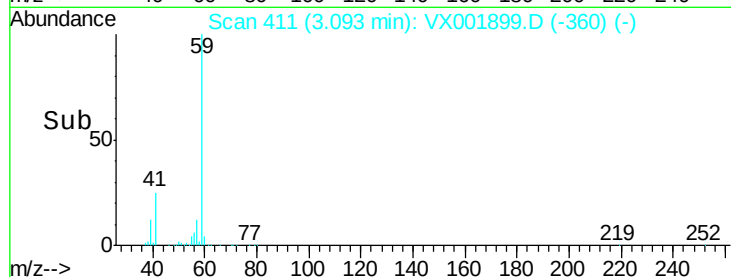
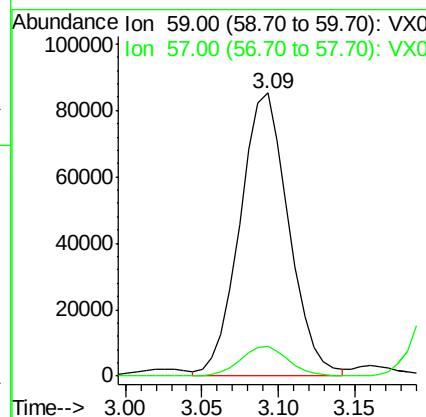
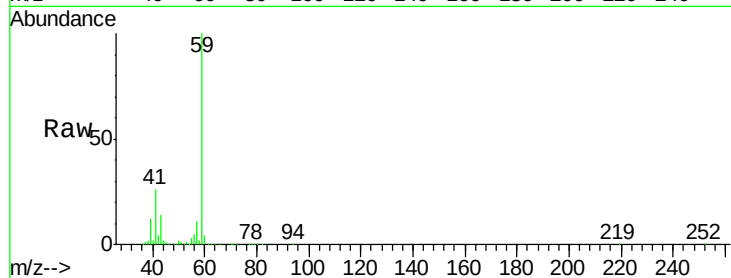




#11
Tert butyl alcohol
Concen: 319.86 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

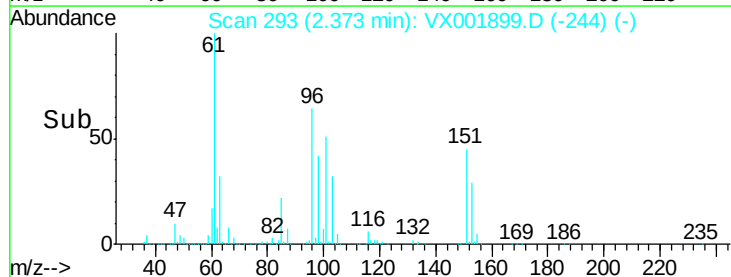
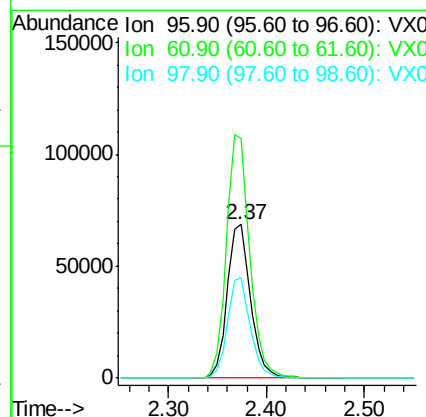
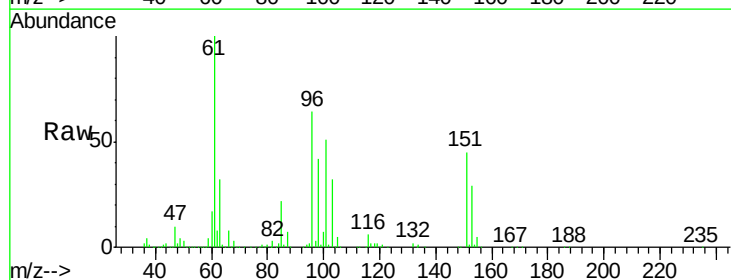
Instrument :
MSVOA_X
ClientSampleId :

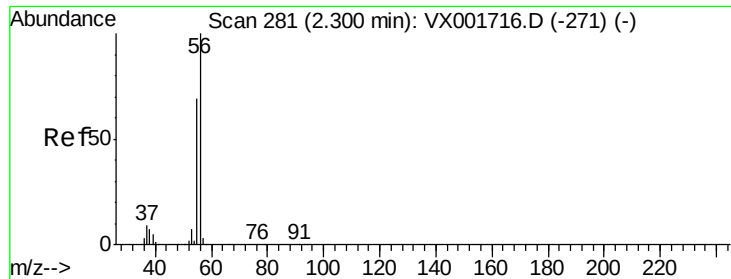
Tot Ion: 59 Resp: 189604
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7



#12
1,1-Dichloroethene
Concen: 46.27 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion: 96 Resp: 113910
Ion Ratio Lower Upper
96 100
61 156.4 122.2 183.2
98 65.4 51.4 77.0





#13

Acrolein

Concen: 167.15 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

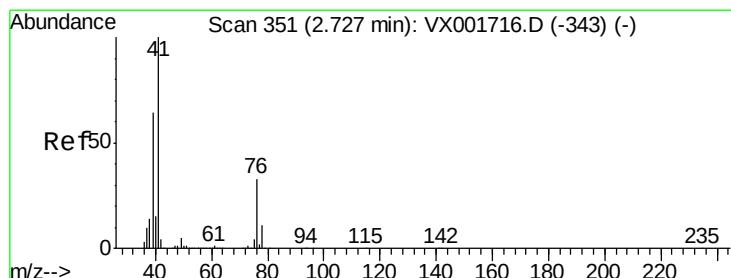
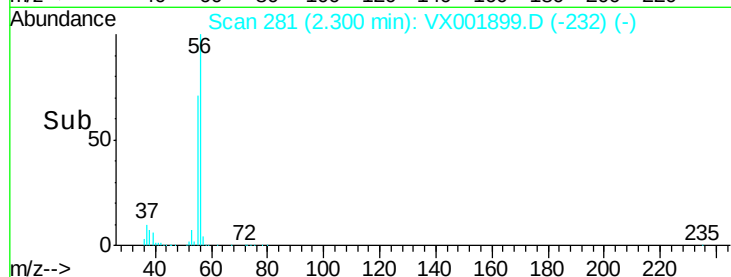
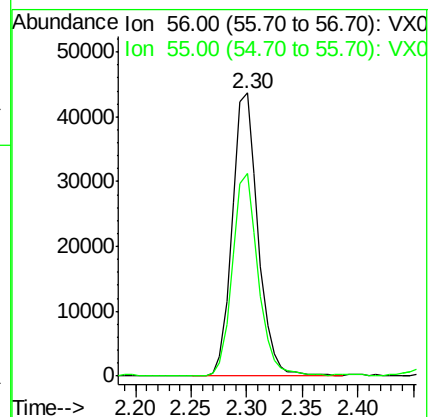
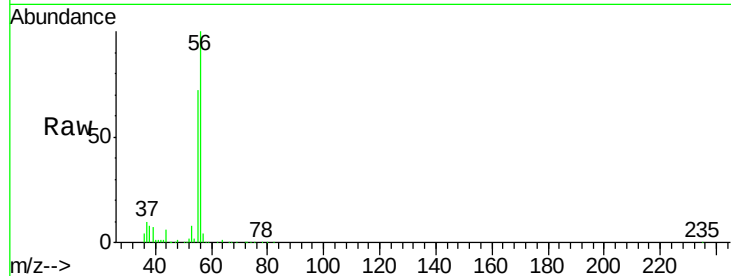
ClientSampleId :

Tot Ion: 56 Resp: 70273

Ion Ratio Lower Upper

56 100

55 71.1 56.2 84.2



#14

Allyl chloride

Concen: 53.15 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

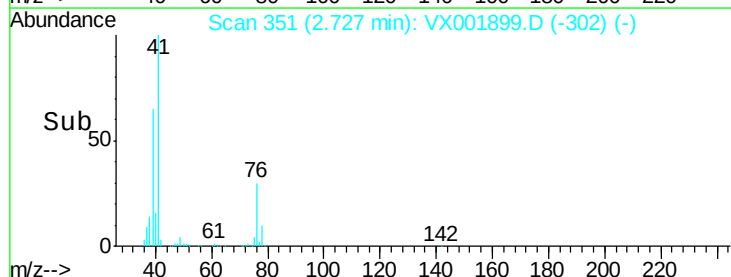
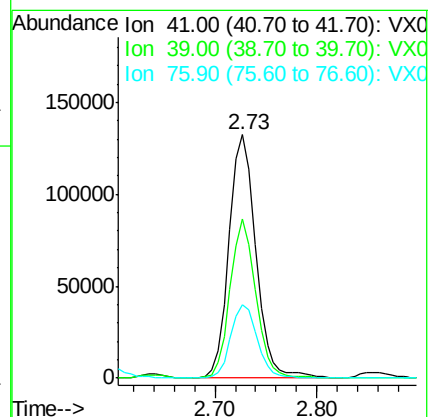
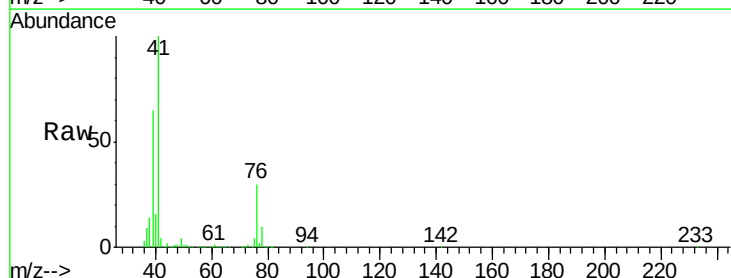
Tgt Ion: 41 Resp: 241866

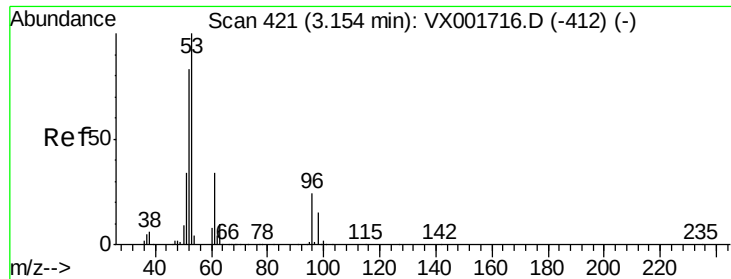
Ion Ratio Lower Upper

41 100

39 61.8 49.8 74.6

76 29.6 25.8 38.8





#15

Acrylonitrile

Concen: 286.81 ug/l

RT: 3.15 min Scan# 421

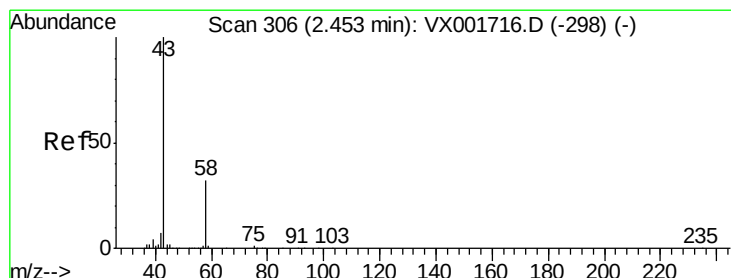
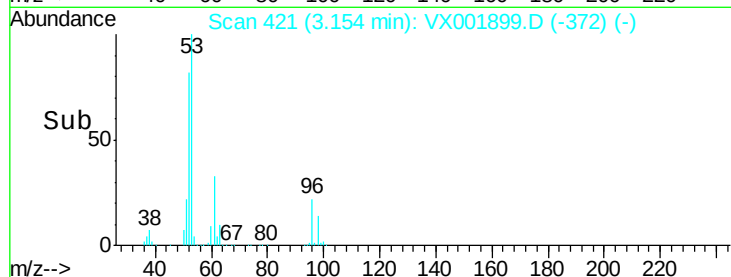
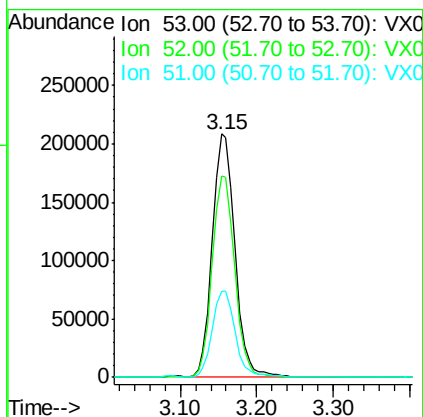
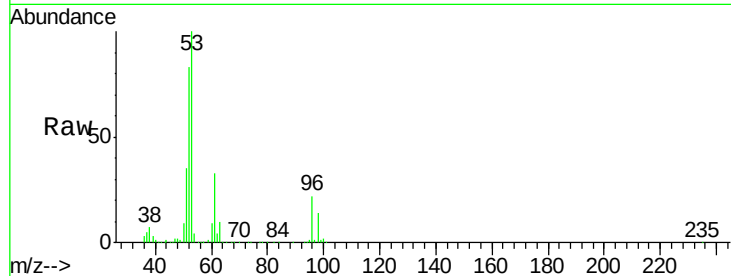
Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	53	Resp:	427021
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.6	98.4
51	36.2	28.1	42.1



#16

Acetone

Concen: 289.50 ug/l

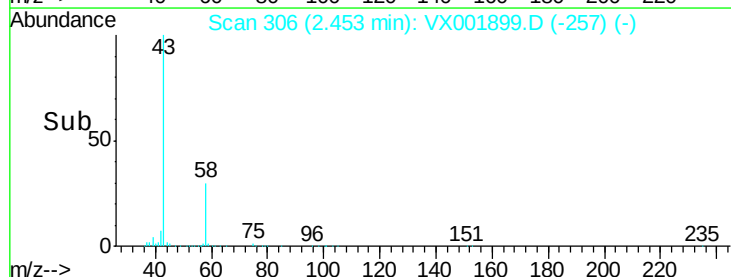
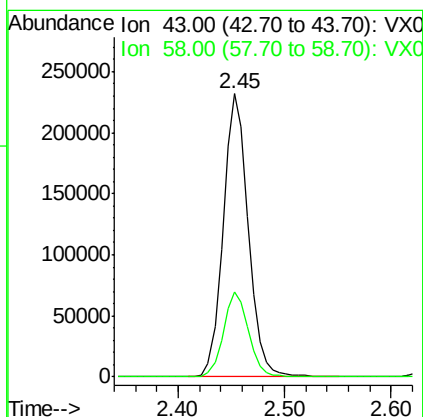
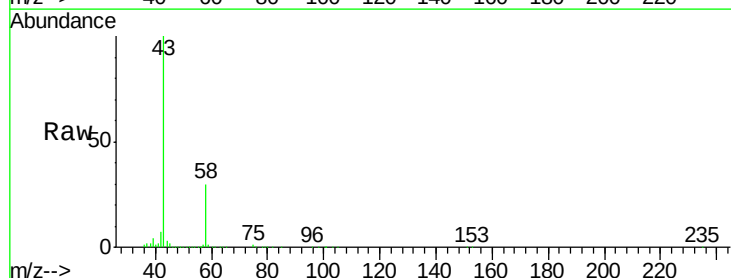
RT: 2.45 min Scan# 306

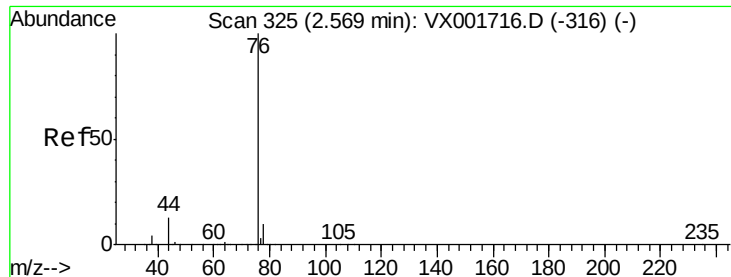
Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Tgt Ion:	43	Resp:	379650
Ion	Ratio	Lower	Upper
43	100		
58	30.2	25.3	37.9





#17

Carbon Disulfide

Concen: 39.02 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

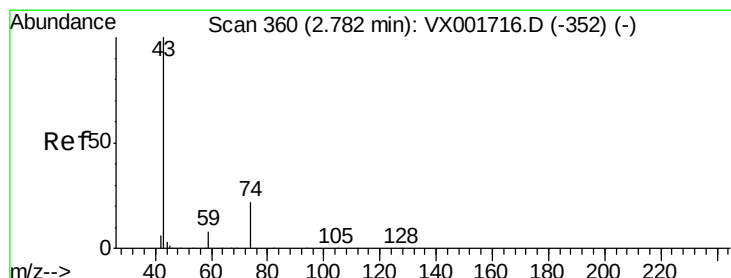
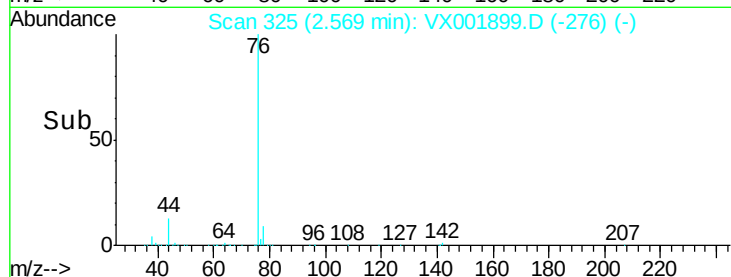
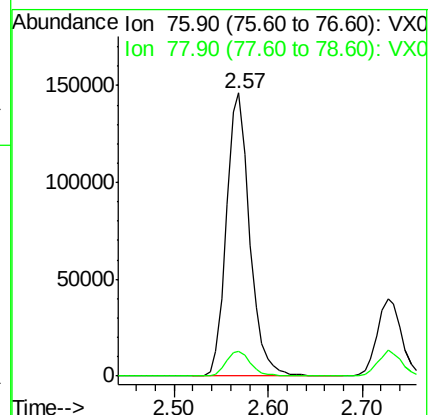
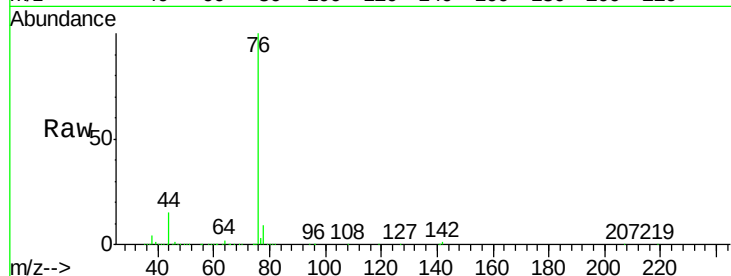
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 250604

Ion Ratio Lower Upper

76 100

78 8.9 7.6 11.4



#18

Methyl Acetate

Concen: 62.46 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001899.D

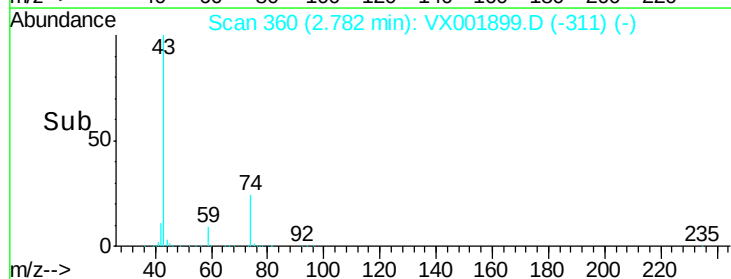
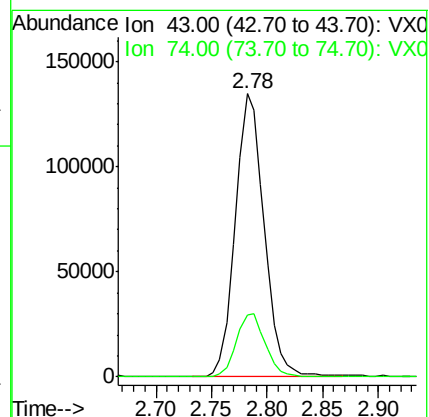
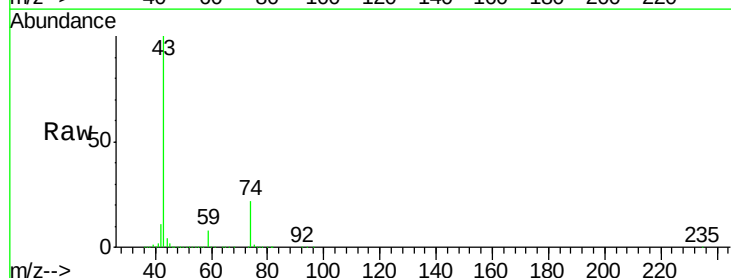
Acq: 22 May 2018 17:50

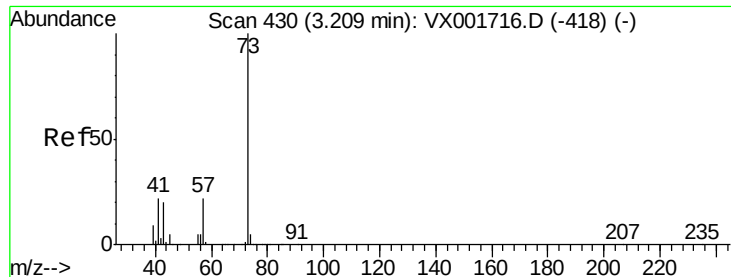
Tgt Ion: 43 Resp: 239470

Ion Ratio Lower Upper

43 100

74 22.8 18.2 27.2

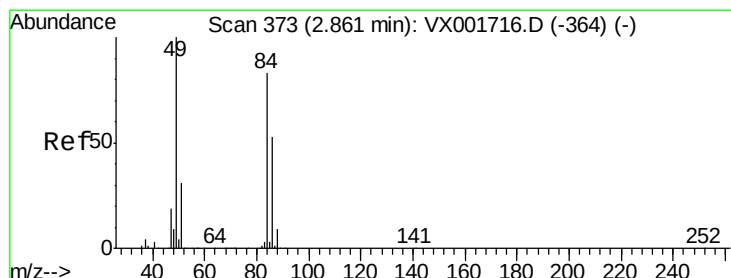
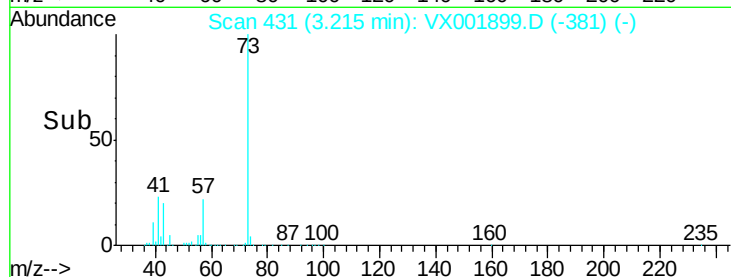
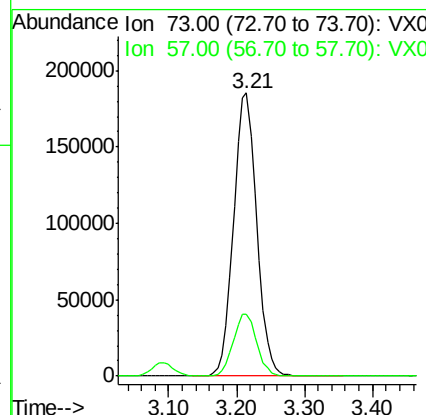
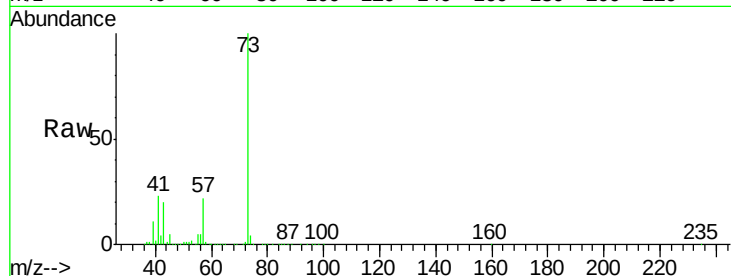




#19
Methyl tert-butyl Ether
Concen: 52.65 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

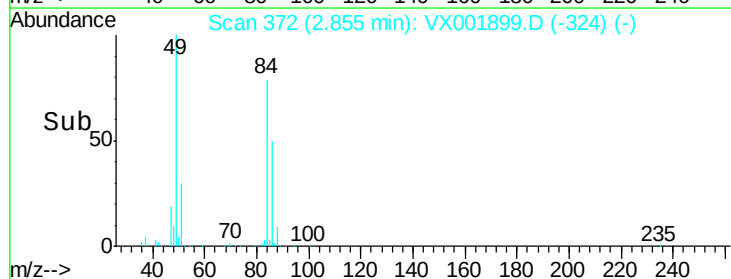
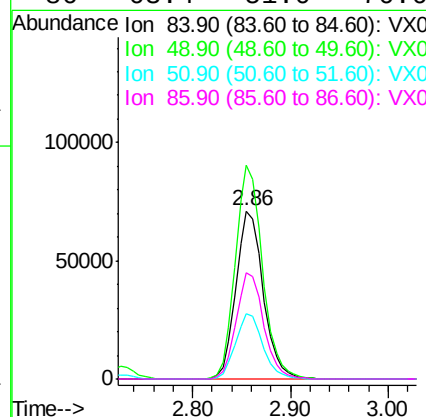
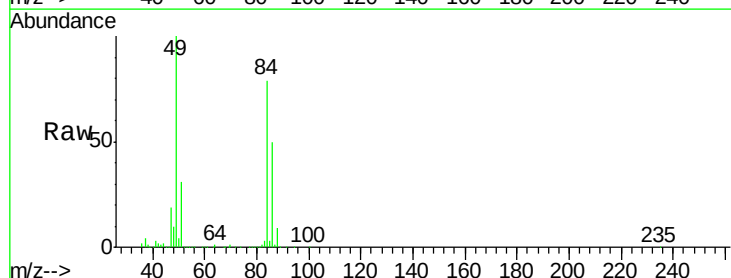
Instrument :
MSVOA_X
ClientSampleId :

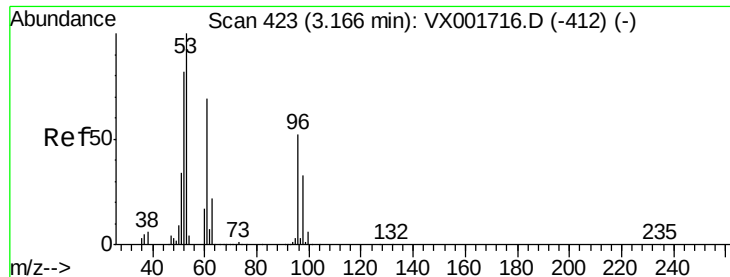
Tot Ion: 73 Resp: 436927
Ion Ratio Lower Upper
73 100
57 21.7 17.5 26.3



#20
Methylene Chloride
Concen: 49.34 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion: 84 Resp: 138510
Ion Ratio Lower Upper
84 100
49 126.9 96.3 144.5
51 38.6 29.8 44.6
86 63.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 46.13 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

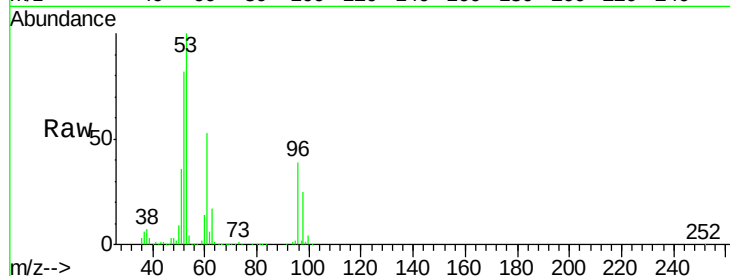
Tot Ion: 96 Resp: 125126

Ion Ratio Lower Upper

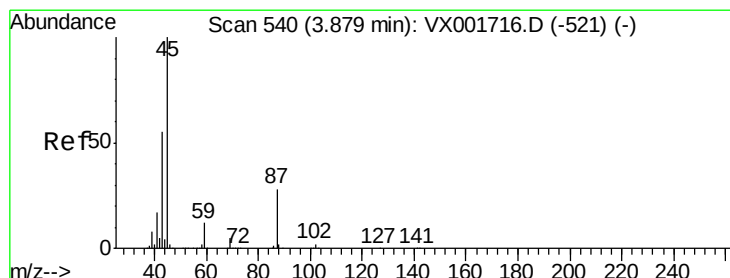
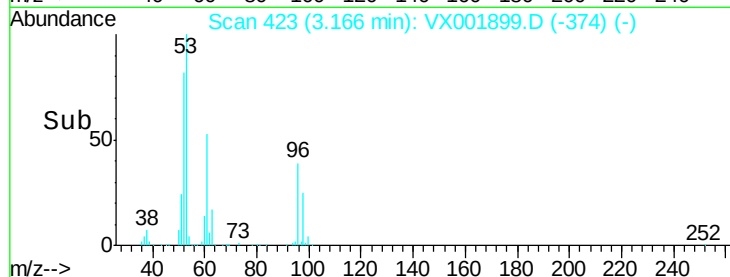
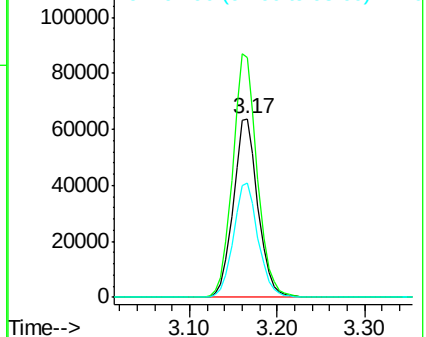
96 100

61 134.4 105.8 158.8

98 63.8 50.2 75.4



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



#22

Diisopropyl ether

Concen: 53.17 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Tgt Ion: 45 Resp: 464209

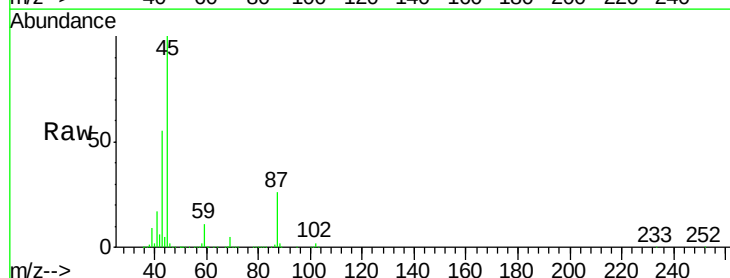
Ion Ratio Lower Upper

45 100

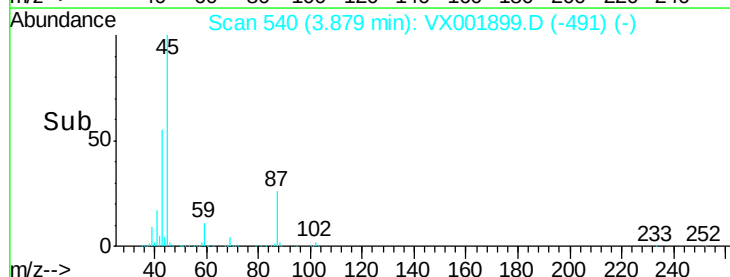
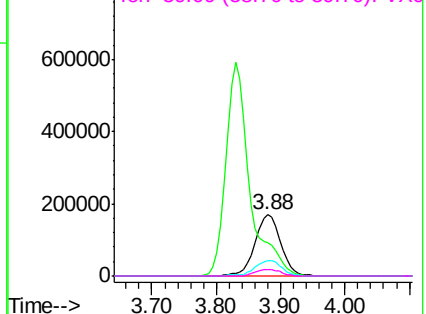
43 55.3 44.3 66.5

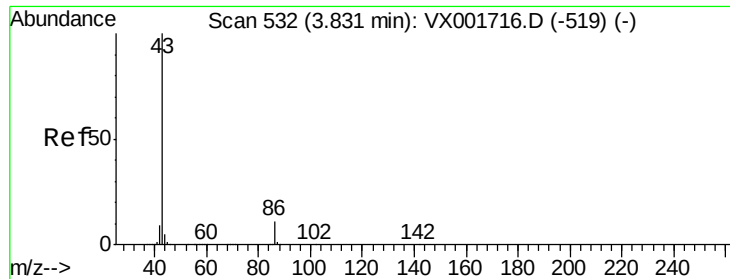
87 26.2 22.6 33.8

59 11.2 9.4 14.0



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





#23

Vinyl Acetate

Concen: 246.88 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

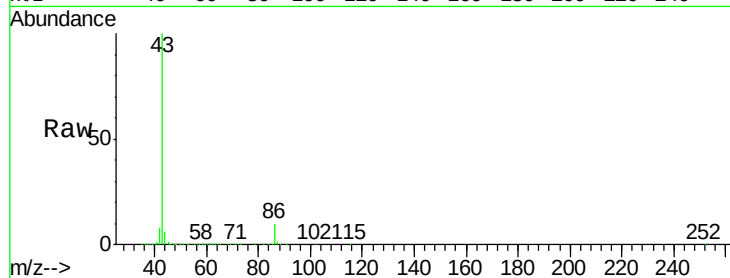
ClientSampleId :

Tot Ion: 43 Resp: 1552860

Ion Ratio Lower Upper

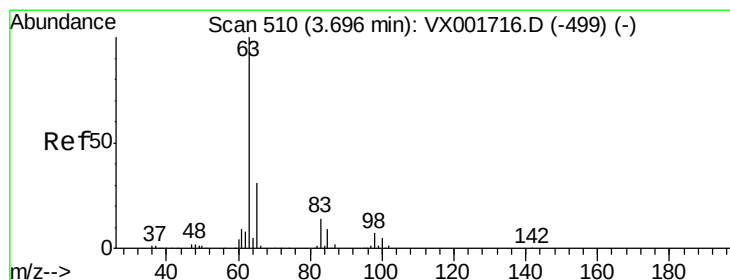
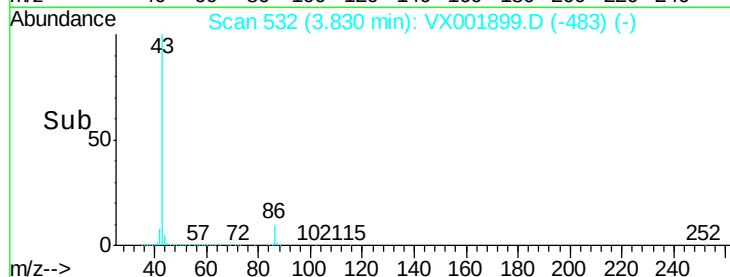
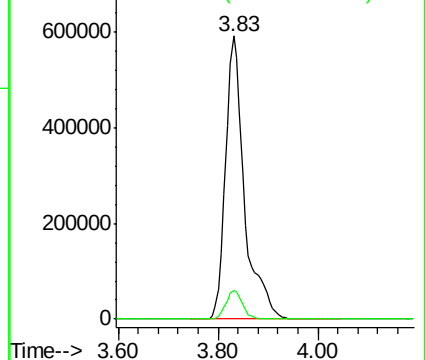
43 100

86 10.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.92 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

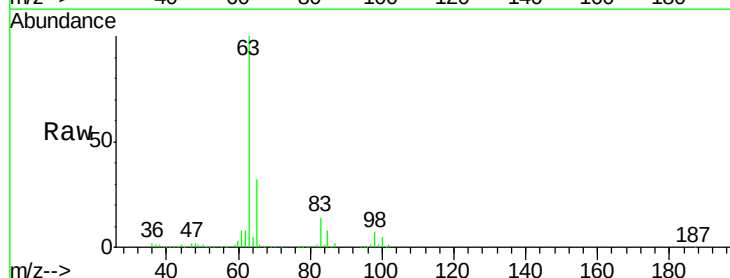
Tgt Ion: 63 Resp: 248591

Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

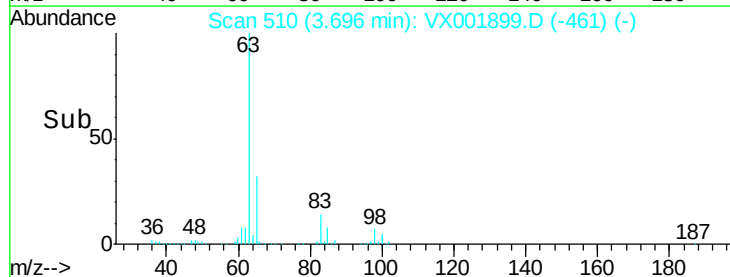
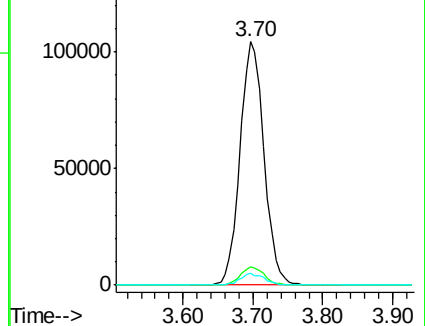
100 4.8 2.4 7.2

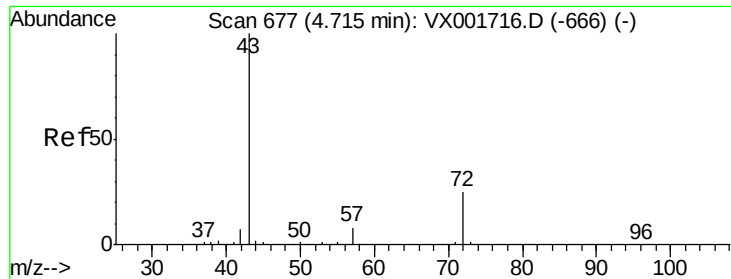


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 317.52 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

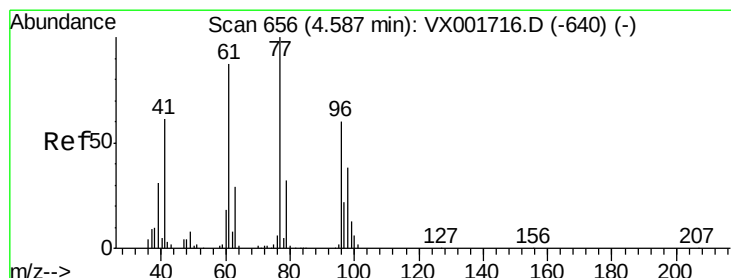
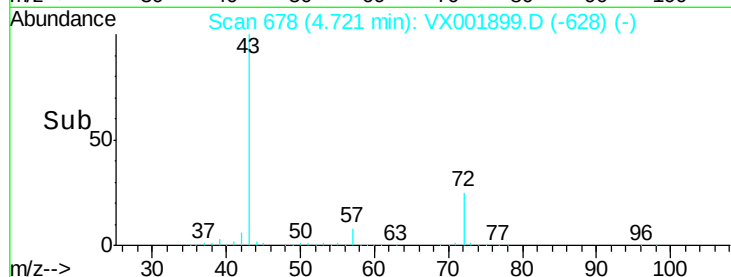
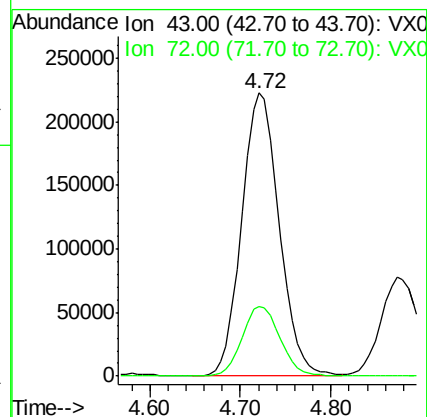
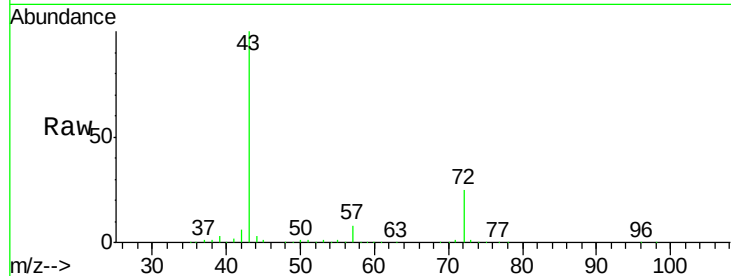
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 637497

Ion Ratio Lower Upper

43 100

72 24.6 19.8 29.6



#26

2,2-Dichloropropane

Concen: 49.50 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001899.D

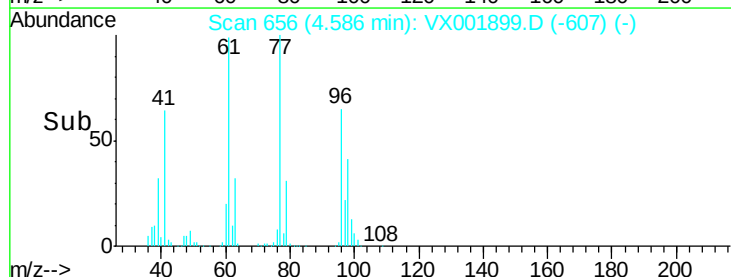
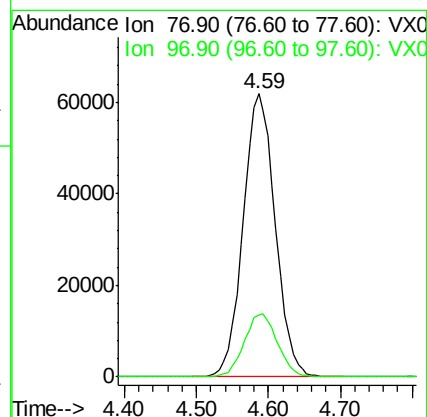
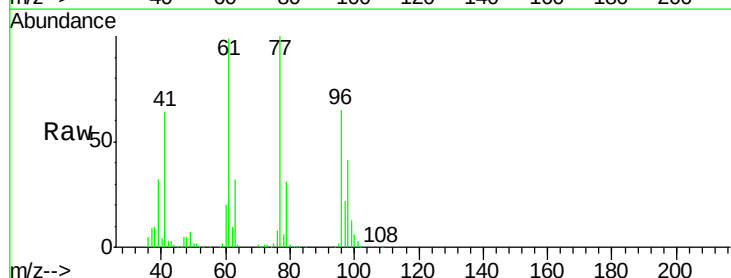
Acq: 22 May 2018 17:50

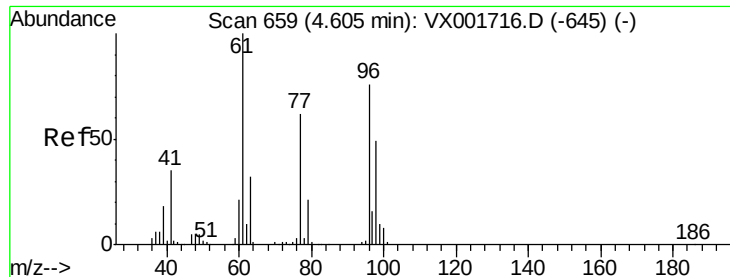
Tgt Ion: 77 Resp: 190781

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.8



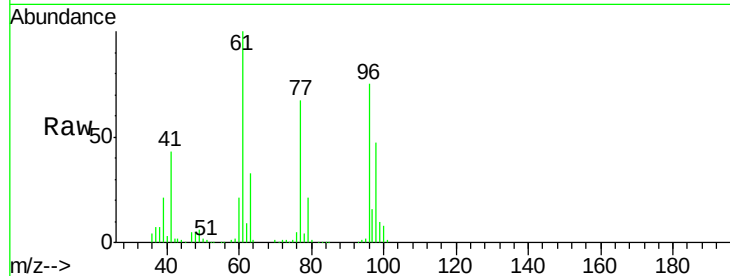


#27

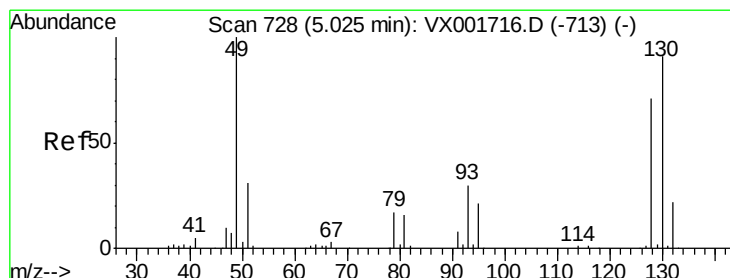
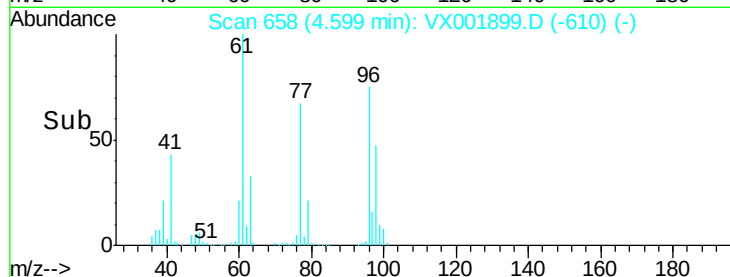
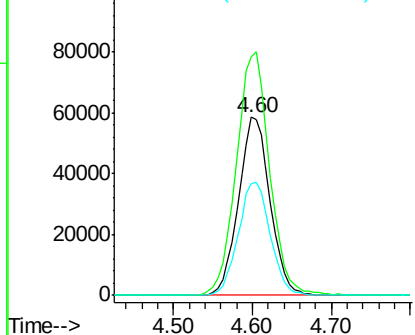
cis-1,2-Dichloroethene
 Concen: 52.74 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	280.4
98	64.9	0.0	128.4



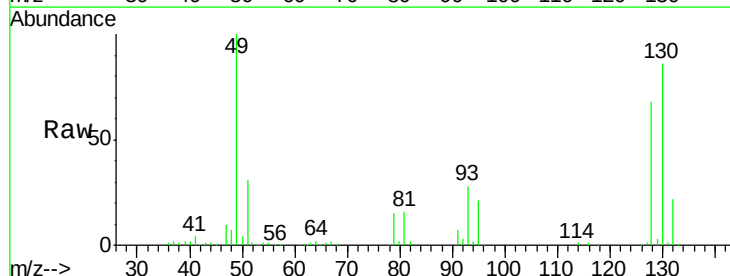
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



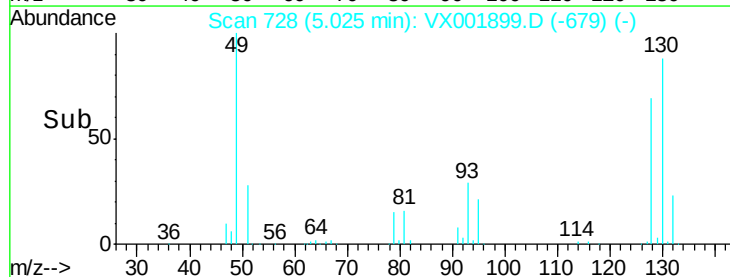
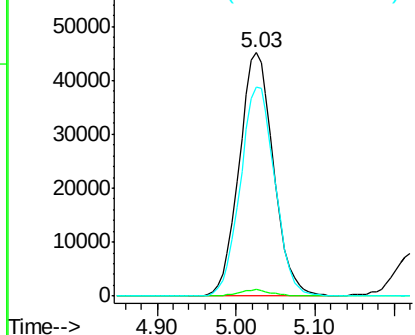
#28

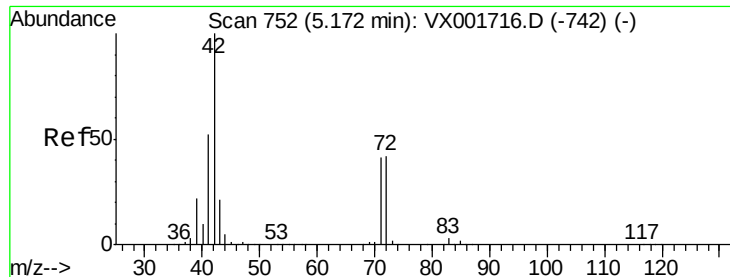
Bromochloromethane
 Concen: 64.21 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	86.2	71.8	107.6



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





#29

Tetrahydrofuran

Concen: 314.08 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

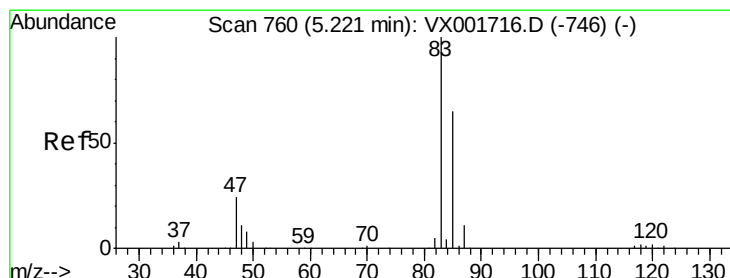
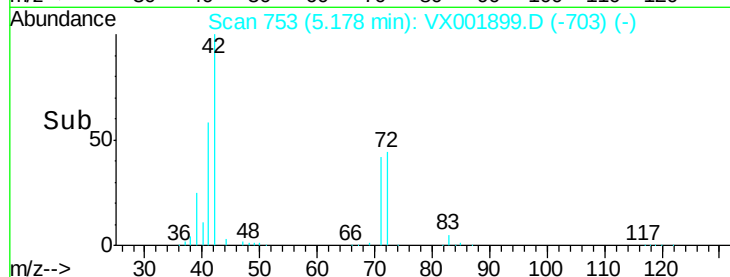
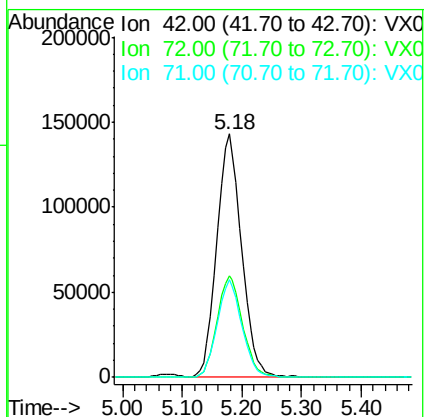
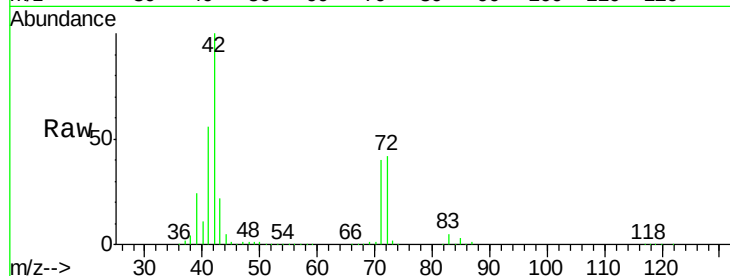
Tot Ion: 42 Resp: 411042

Ion Ratio Lower Upper

42 100

72 42.9 35.4 53.2

71 39.9 33.2 49.8



#30

Chloroform

Concen: 53.98 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001899.D

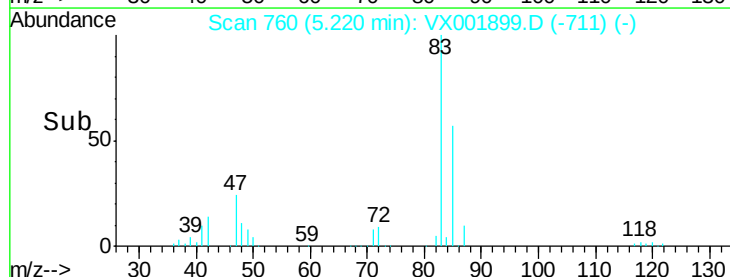
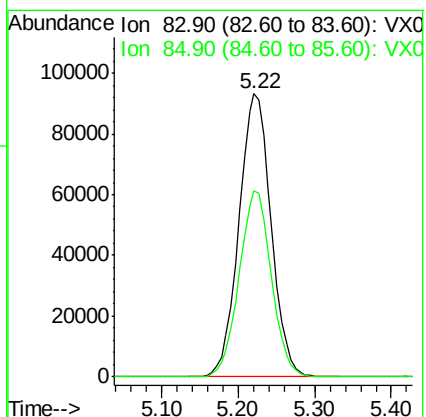
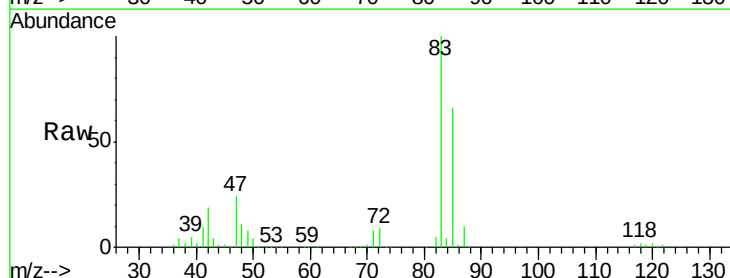
Acq: 22 May 2018 17:50

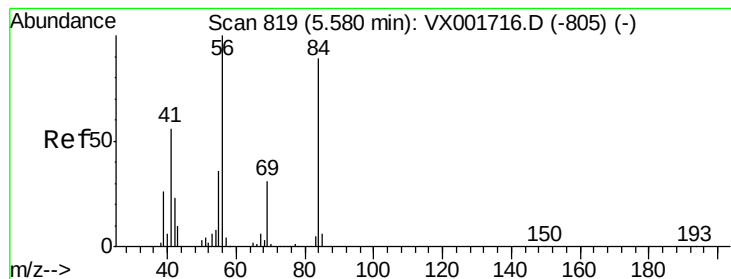
Tgt Ion: 83 Resp: 271475

Ion Ratio Lower Upper

83 100

85 65.7 52.3 78.5





#31

Cyclohexane

Concen: 48.95 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

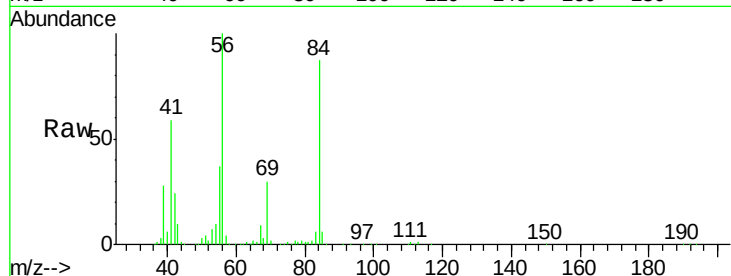
Tot Ion: 56 Resp: 205446

Ion Ratio Lower Upper

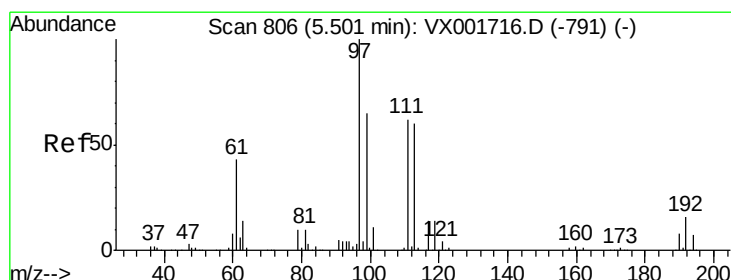
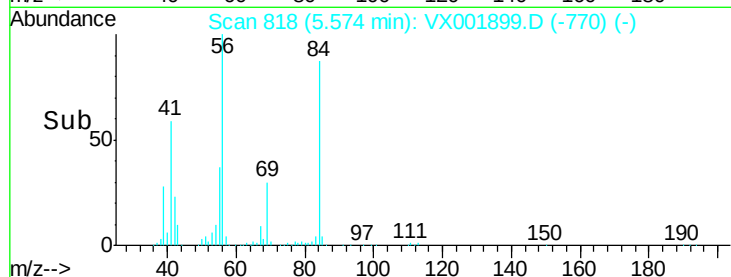
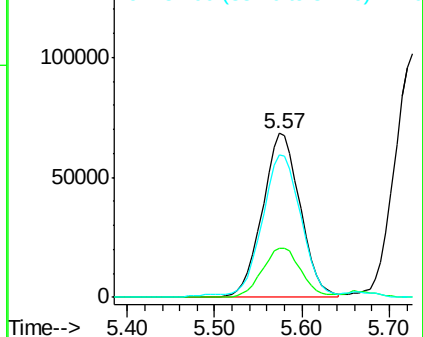
56 100

69 30.3 25.0 37.6

84 86.6 71.0 106.4



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: 53.51 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

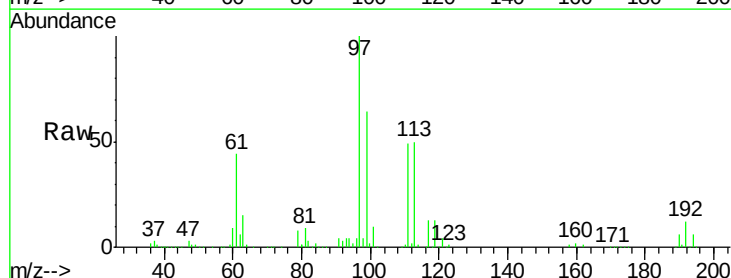
Tgt Ion: 97 Resp: 232561

Ion Ratio Lower Upper

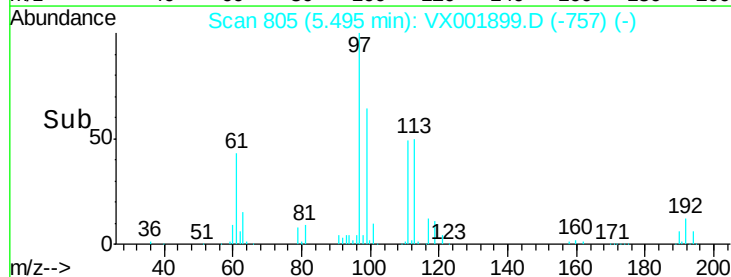
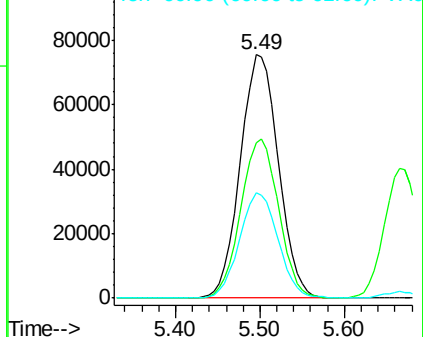
97 100

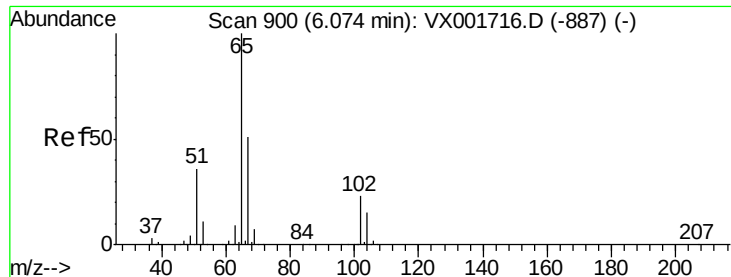
99 64.8 51.3 76.9

61 43.7 34.0 51.0



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

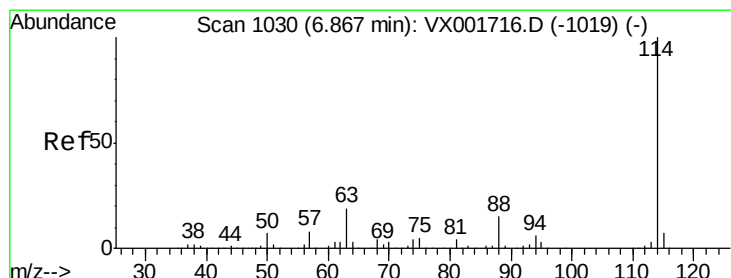
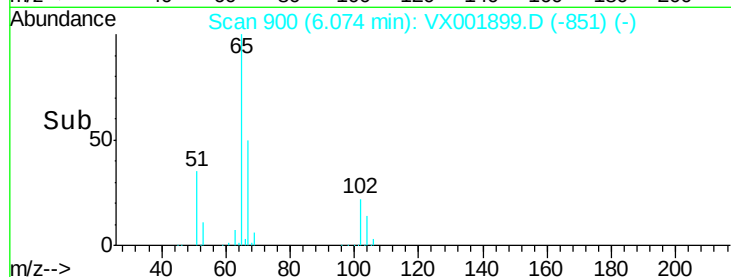
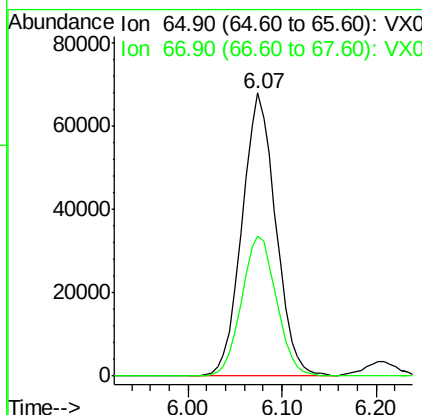
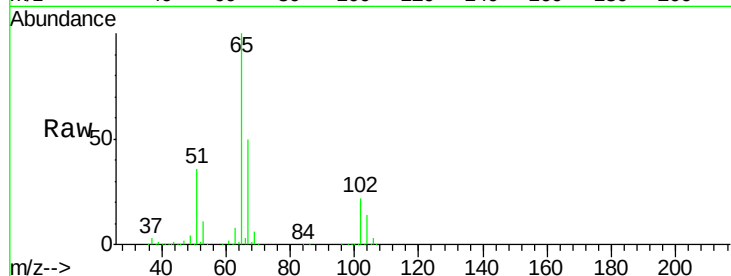




#33
 1,2-Dichloroethane-d4
 Concen: 51.14 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

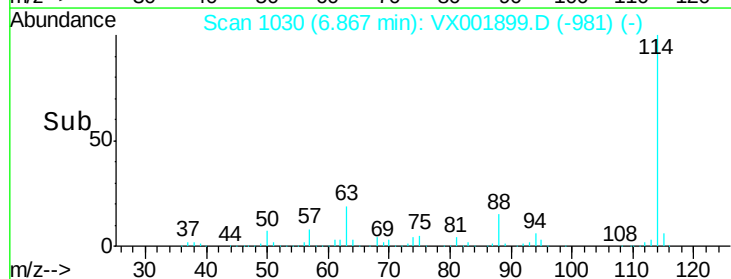
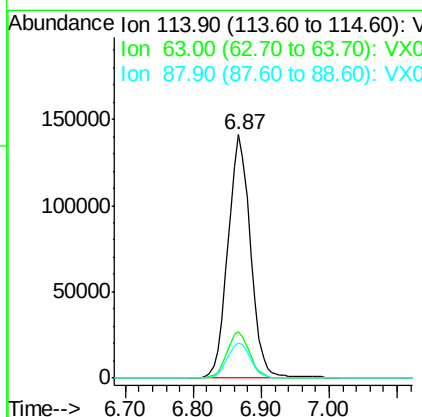
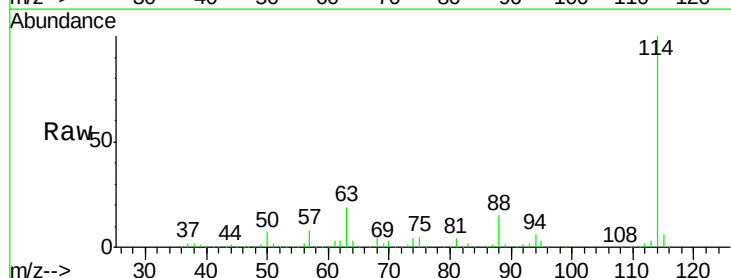
Instrument :
 MSVOA_X
 ClientSampleId :

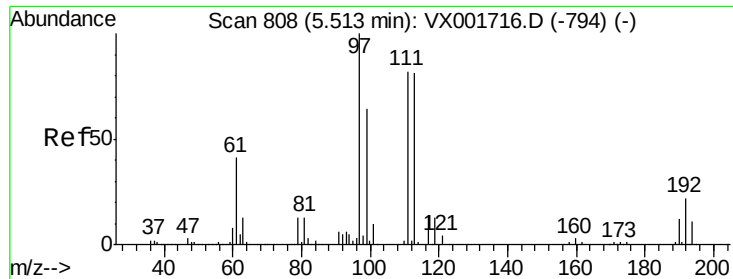
Tot Ion: 65 Resp: 170733
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion: 114 Resp: 325208
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.0
 88 14.5 0.0 29.8

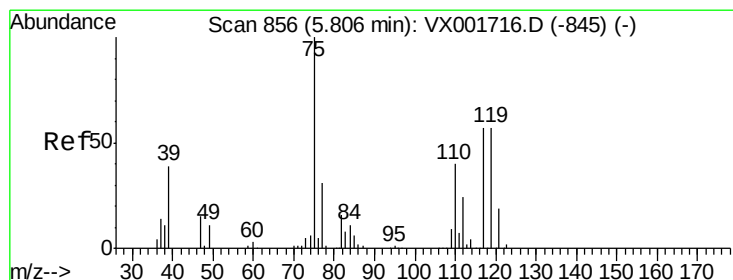
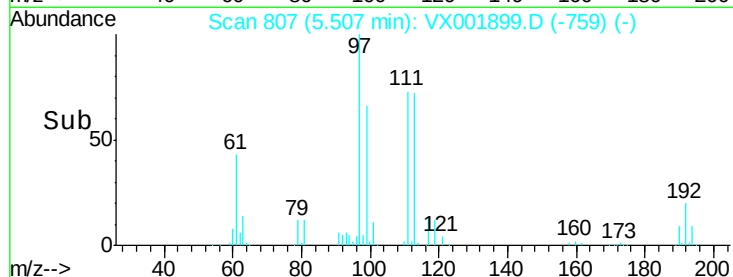
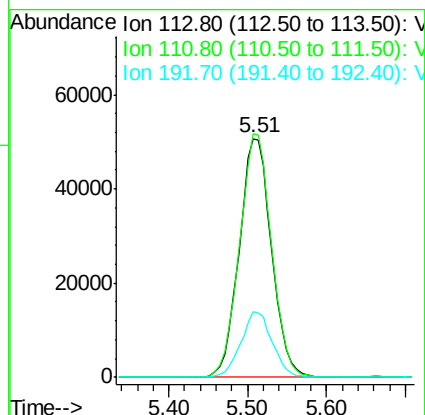
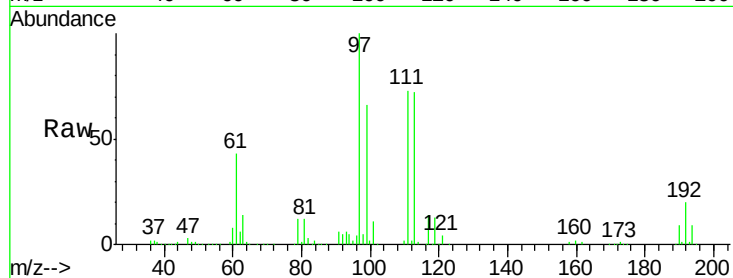




#35
 Dibromofluoromethane
 Concen: 52.51 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

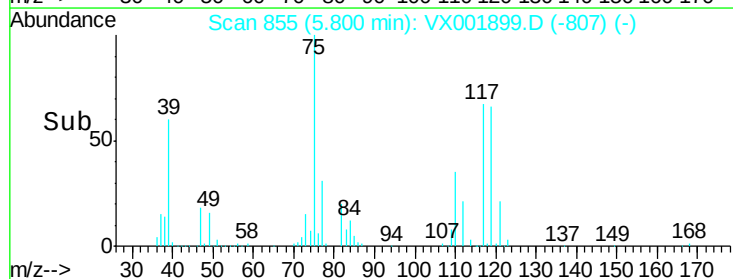
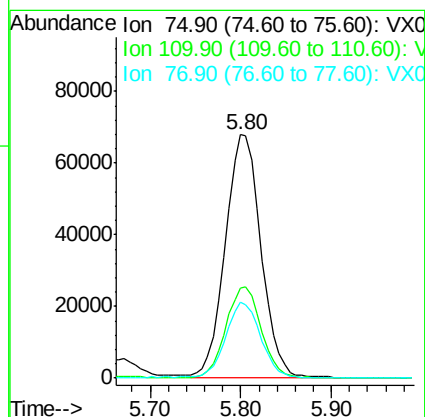
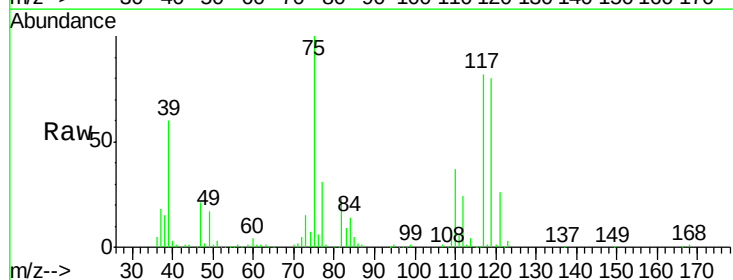
Instrument :
 MSVOA_X
 ClientSampleId :

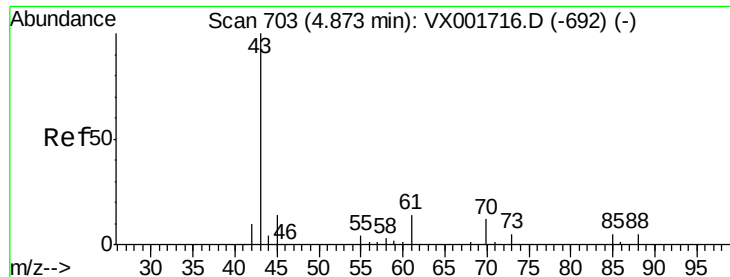
Tot Ion:113 Resp: 144117
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.0 123.0
 192 26.7 21.6 32.4



#36
 1,1-Dichloropropene
 Concen: 49.30 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion: 75 Resp: 184554
 Ion Ratio Lower Upper
 75 100
 110 37.6 19.1 57.1
 77 30.4 24.6 37.0

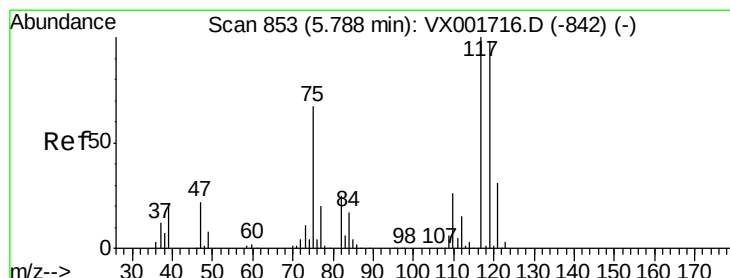
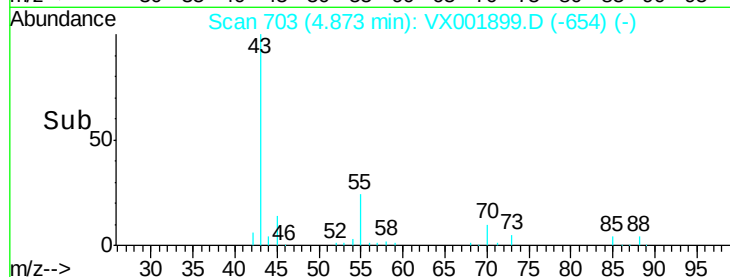
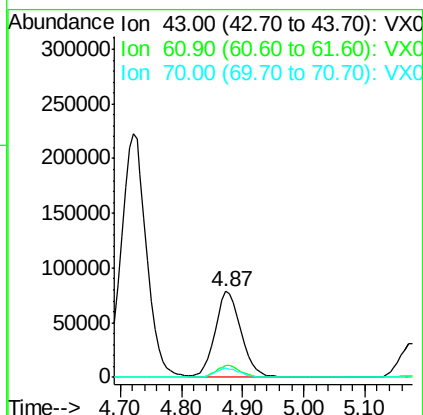
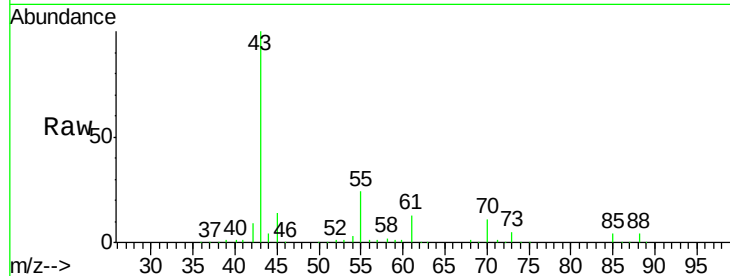




#37
Ethyl Acetate
Concen: 59.36 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

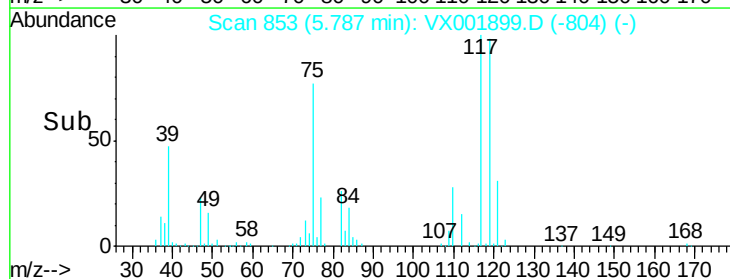
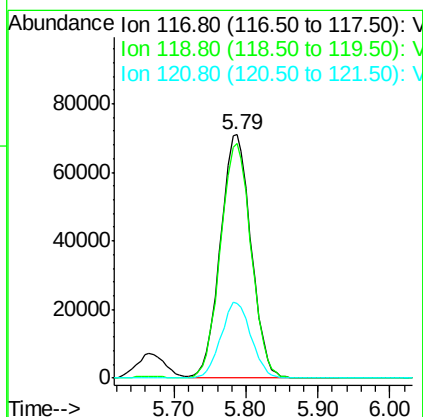
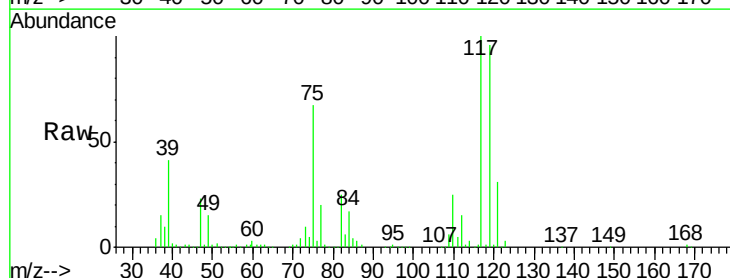
Instrument :
MSVOA_X
ClientSampled :

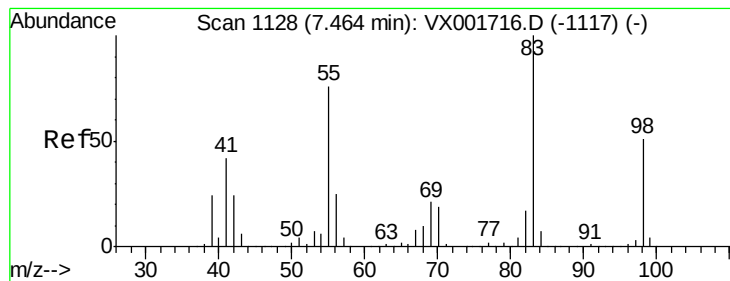
Tot Ion: 43 Resp: 231591
Ion Ratio Lower Upper
43 100
61 13.4 10.9 16.3
70 10.4 8.8 13.2



#38
Carbon Tetrachloride
Concen: 53.51 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion: 117 Resp: 209862
Ion Ratio Lower Upper
117 100
119 96.2 77.6 116.4
121 30.7 24.6 36.8





#39

Methylvlcyclohexane

Concen: 48.96 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

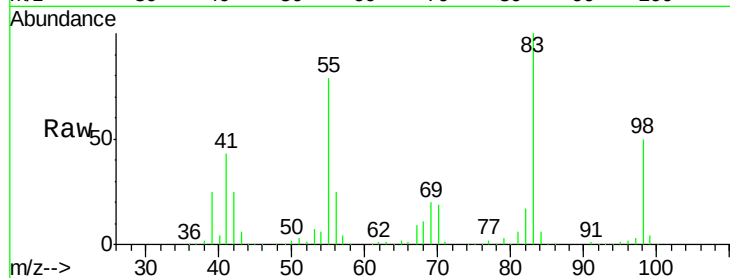
Tot Ion: 83 Resp: 214175

Ion Ratio Lower Upper

83 100

55 79.3 60.6 90.8

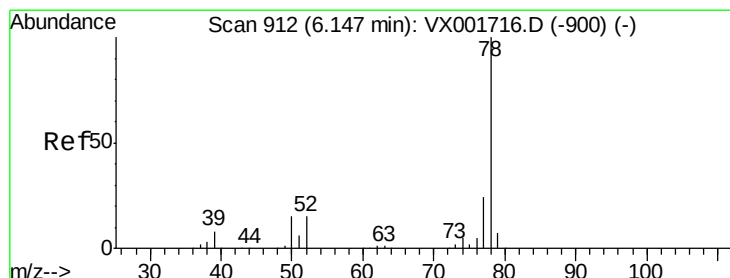
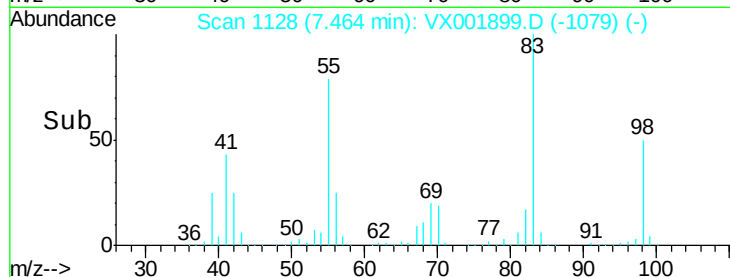
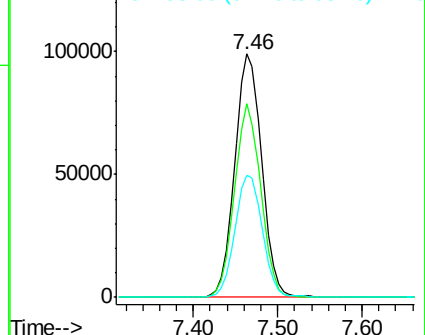
98 50.2 40.4 60.6



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: 52.85 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX001899.D

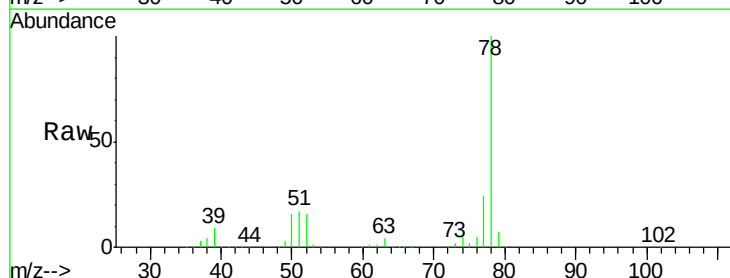
Acq: 22 May 2018 17:50

Tgt Ion: 78 Resp: 582939

Ion Ratio Lower Upper

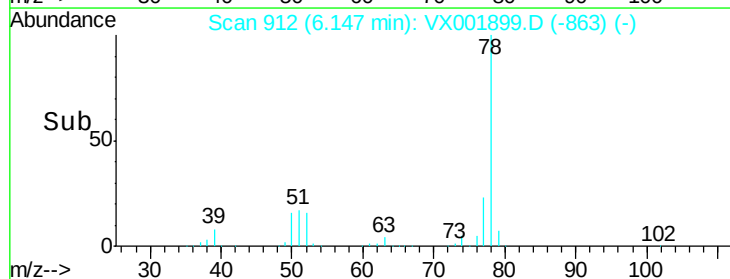
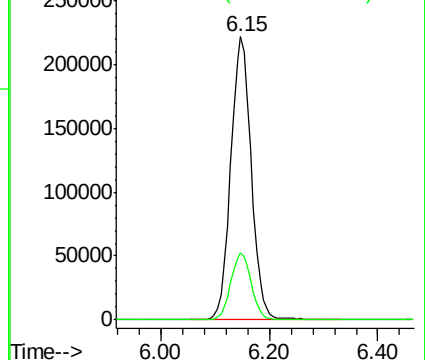
78 100

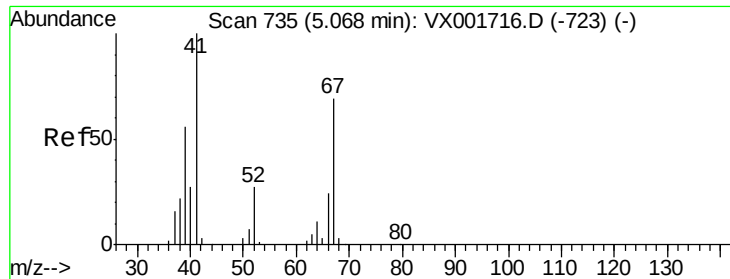
77 23.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

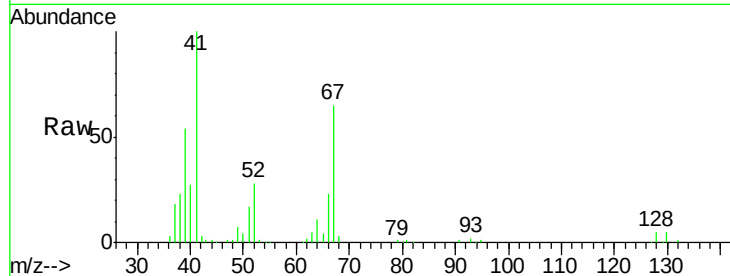




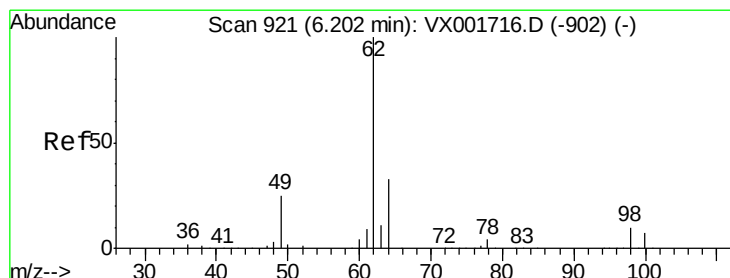
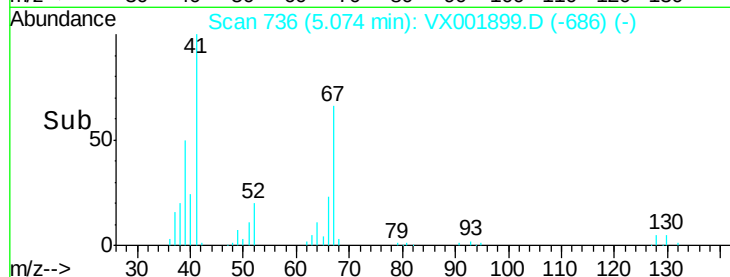
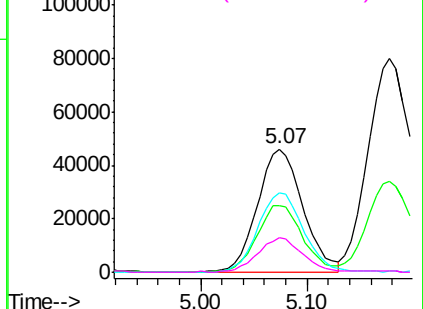
#41
Methacrylonitrile
Concen: 60.60 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 136724
Ion Ratio Lower Upper
41 100
39 54.1 44.2 66.4
67 65.8 56.0 84.0
52 27.5 22.6 33.8

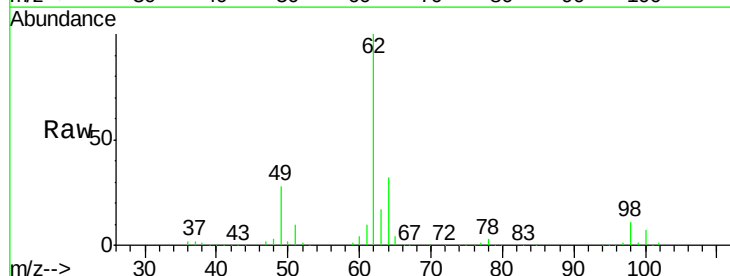


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

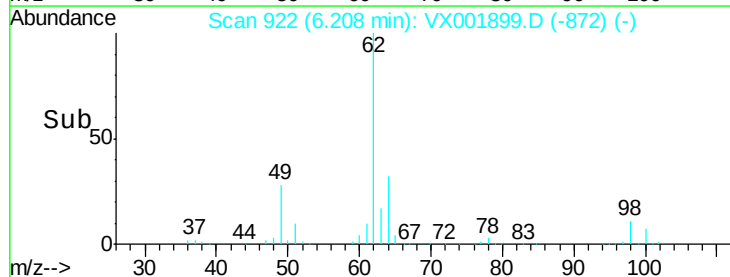
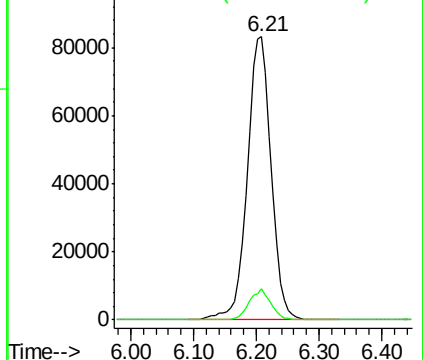


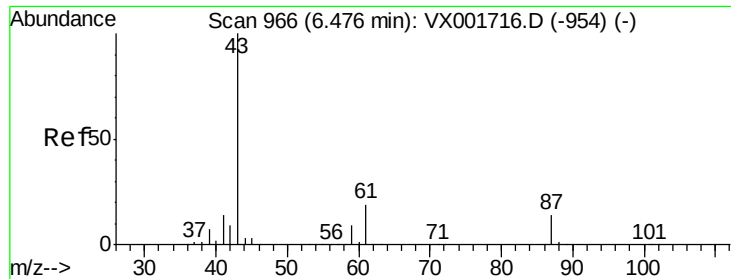
#42
1,2-Dichloroethane
Concen: 54.75 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion: 62 Resp: 218391
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.0



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



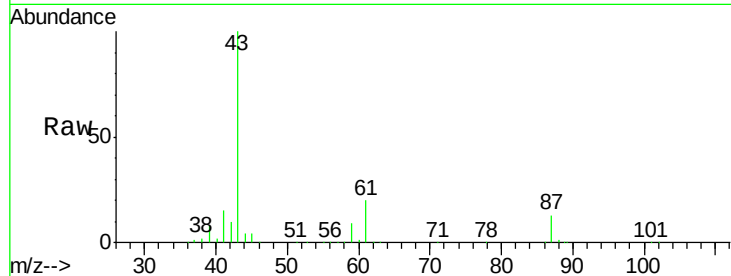


#43

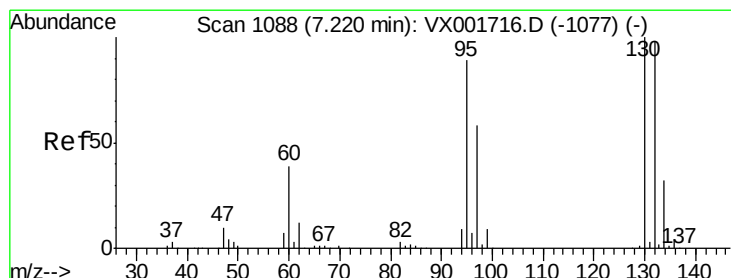
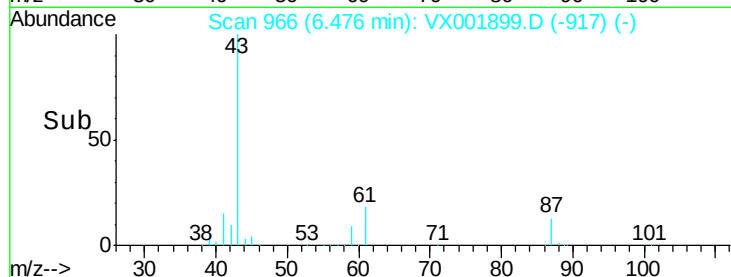
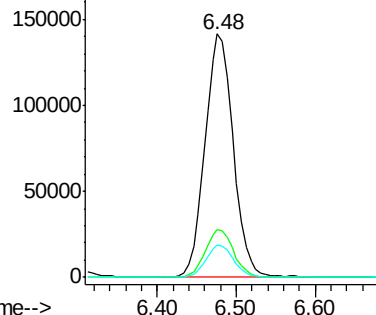
Isopropyl Acetate
 Concen: 57.58 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	351619
Ion Ratio	Lower	Upper	
43	100		
61	19.7	15.8	23.8
87	13.1	11.0	16.4



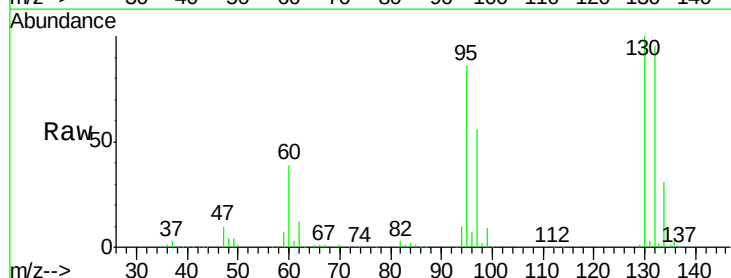
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



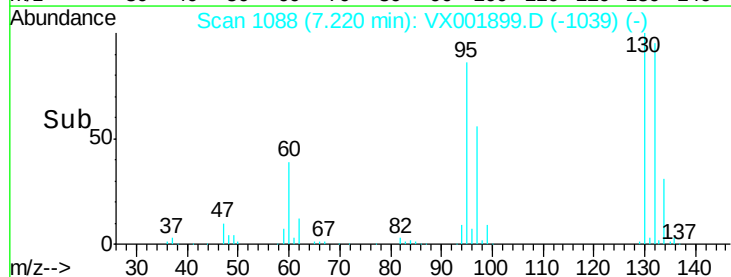
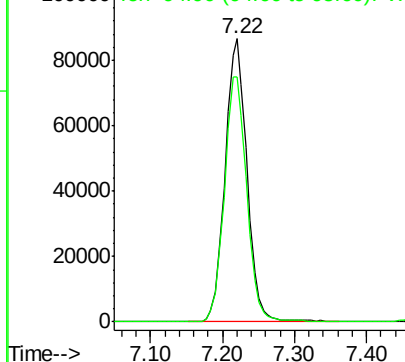
#44

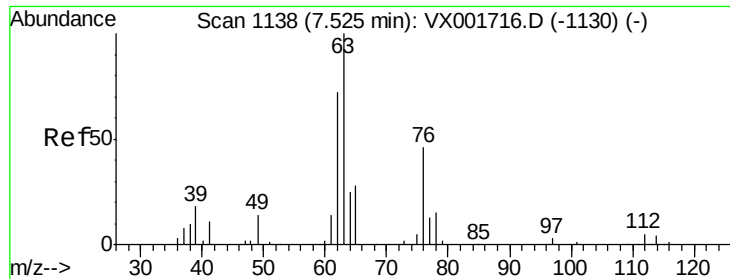
Trichloroethene
 Concen: 53.74 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion	130	Resp	183996
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
130	100		
95	86.3	0.0	177.2



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

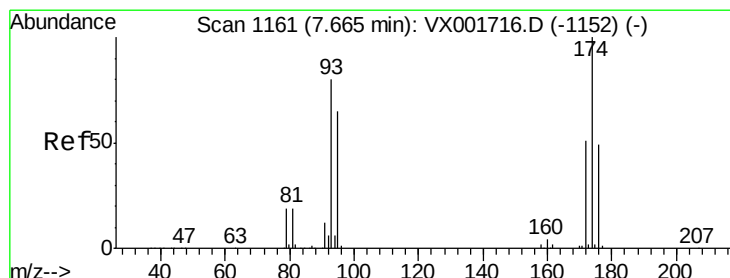
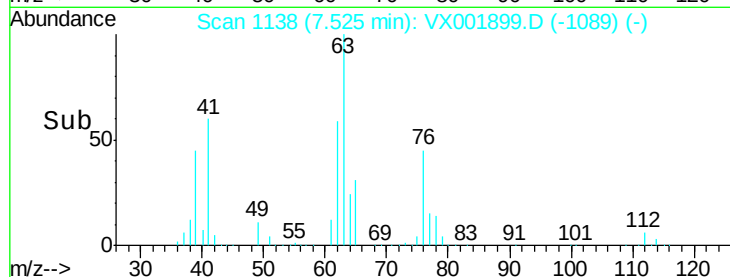
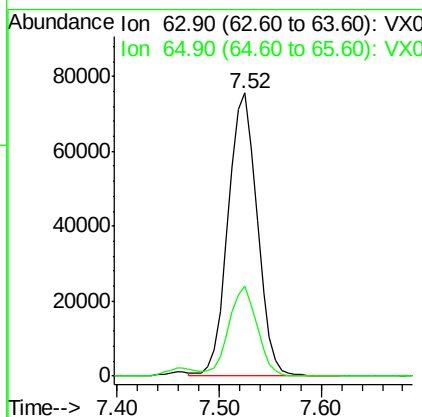
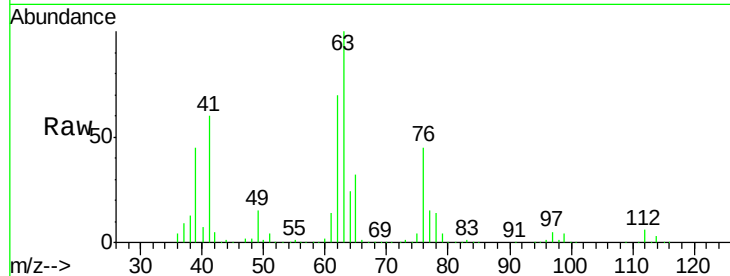




#45
 1,2-Dichloropropane
 Concen: 54.95 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

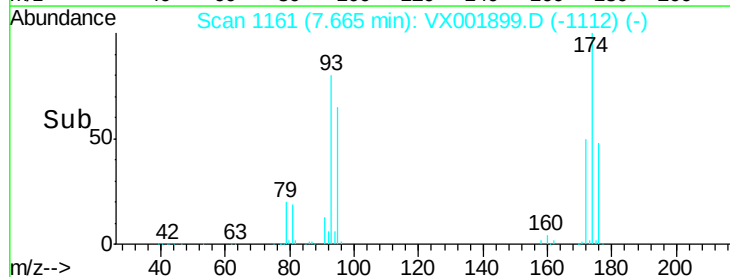
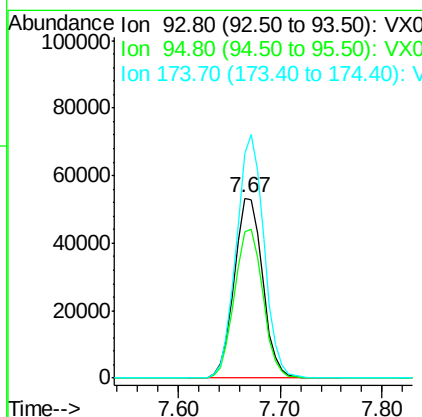
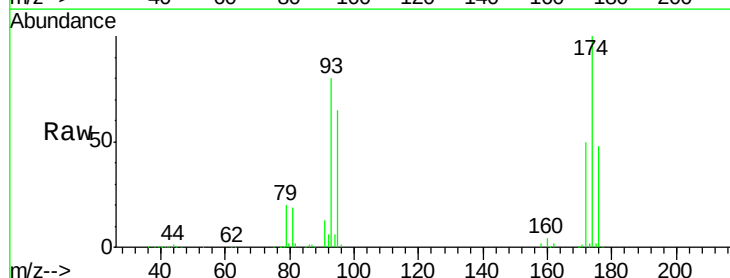
Instrument :
 MSVOA_X
 ClientSampled :

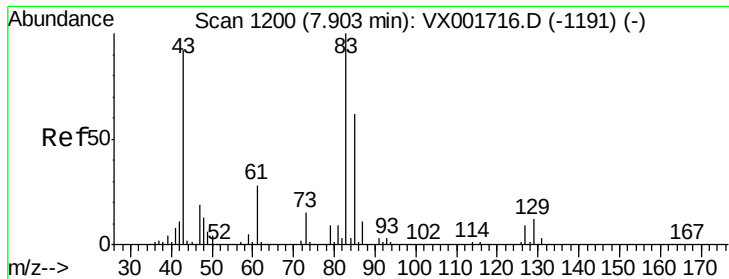
Tot Ion: 63 Resp: 148724
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.2 36.2



#46
 Dibromomethane
 Concen: 53.98 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion: 93 Resp: 102594
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.9 98.9
 174 131.7 106.2 159.2





#47

Bromodichloromethane

Concen: 57.45 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

ClientSampled :

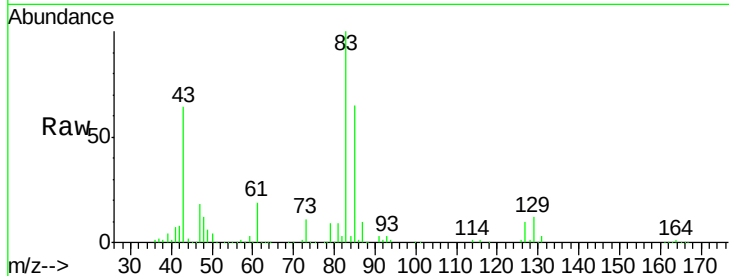
Tot Ion: 83 Resp: 202594

Ion Ratio Lower Upper

83 100

85 64.8 49.6 74.4

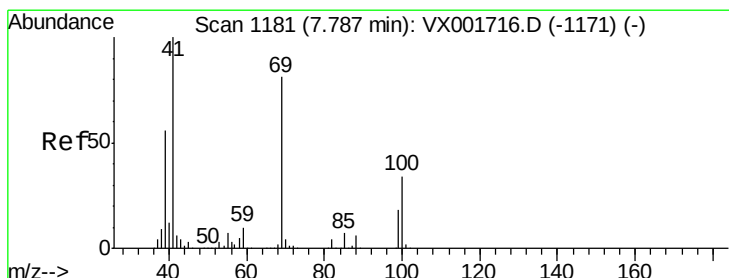
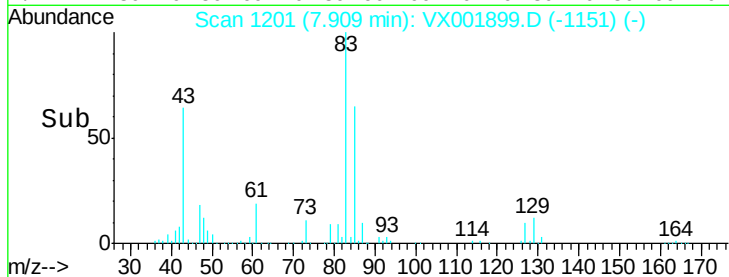
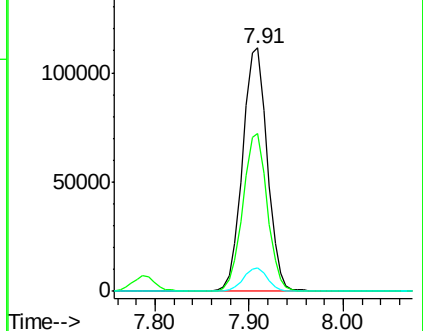
127 9.6 7.5 11.3



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: 60.32 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

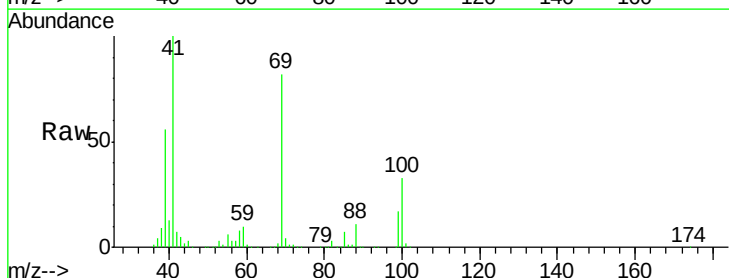
Tgt Ion: 41 Resp: 193867

Ion Ratio Lower Upper

41 100

69 79.4 65.2 97.8

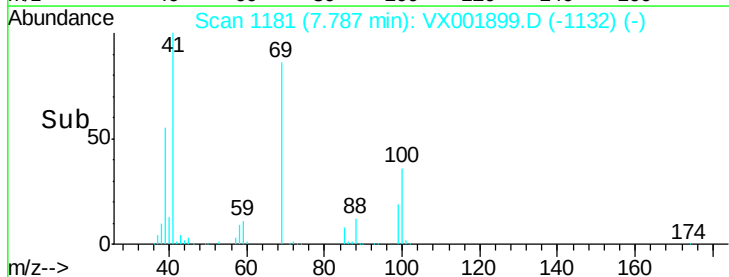
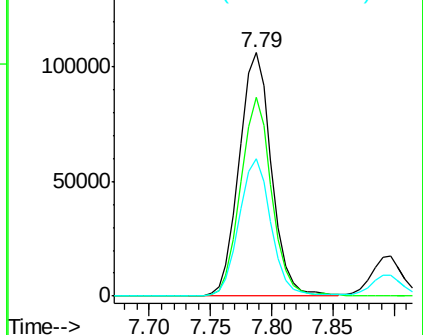
39 55.7 44.5 66.7

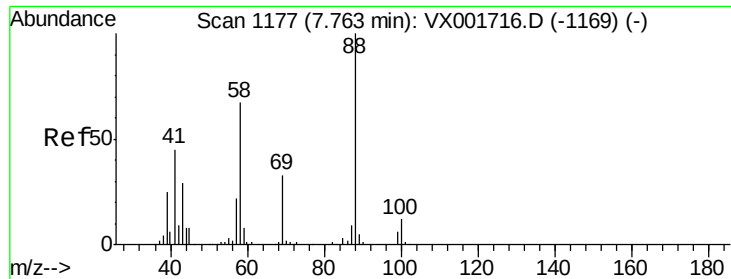


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

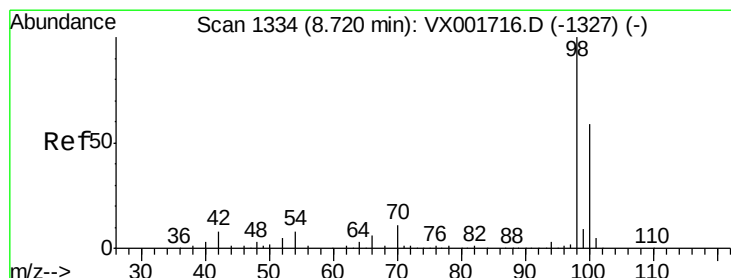
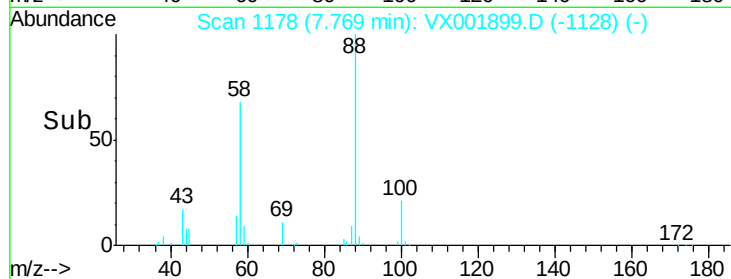
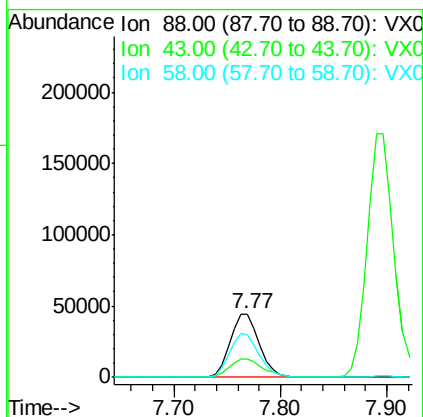
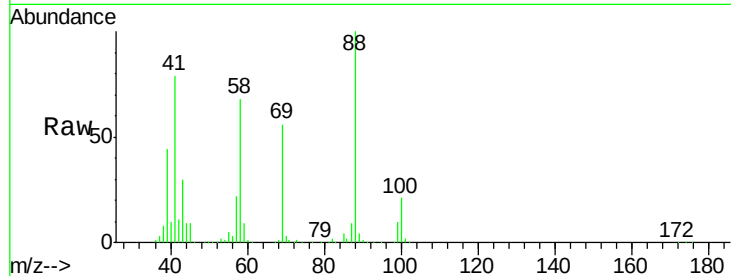




#49
1,4-Dioxane
Concen: 1388.29 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

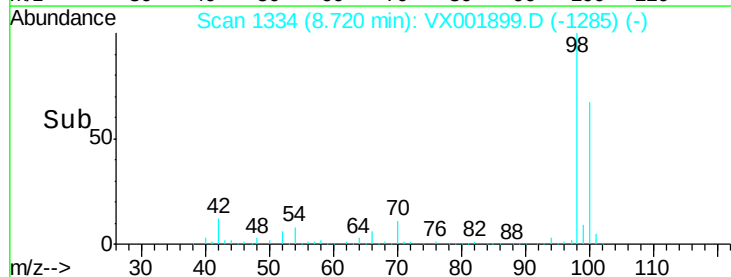
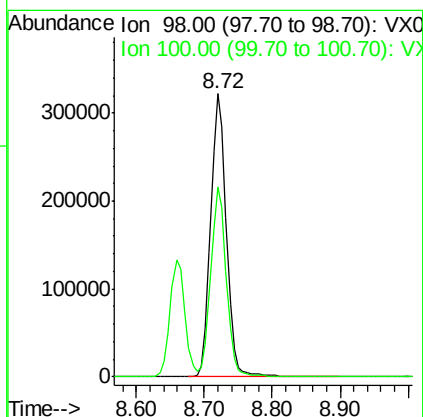
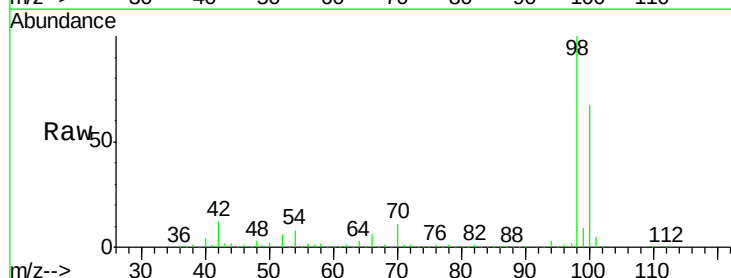
Instrument :
MSVOA_X
ClientSampleId :

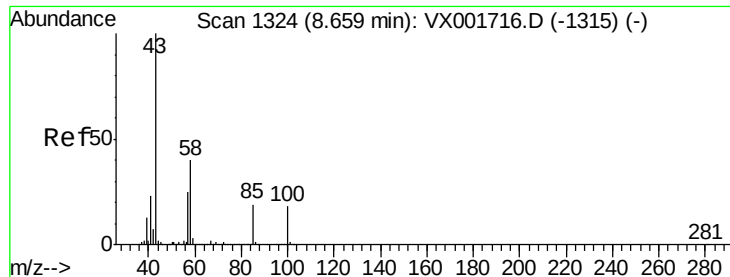
Tot Ion: 88 Resp: 85914
Ion Ratio Lower Upper
88 100
43 32.9 27.3 40.9
58 70.5 55.9 83.9



#50
Toluene-d8
Concen: 52.58 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion: 98 Resp: 516851
Ion Ratio Lower Upper
98 100
100 66.9 54.0 81.0

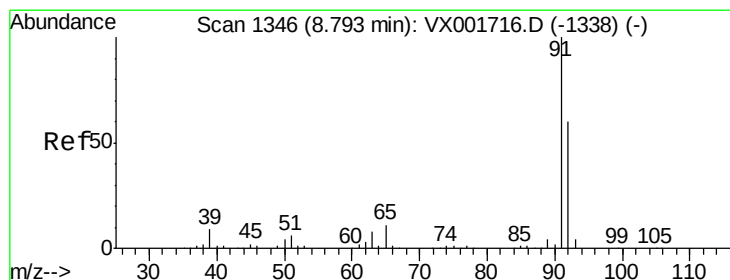
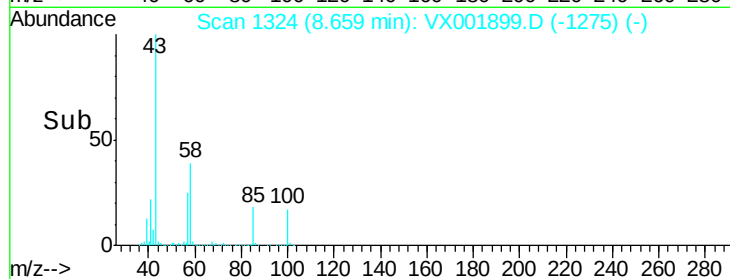
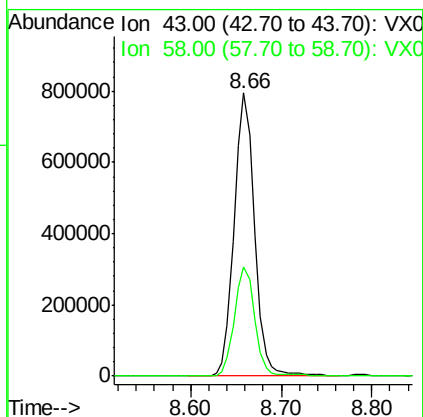
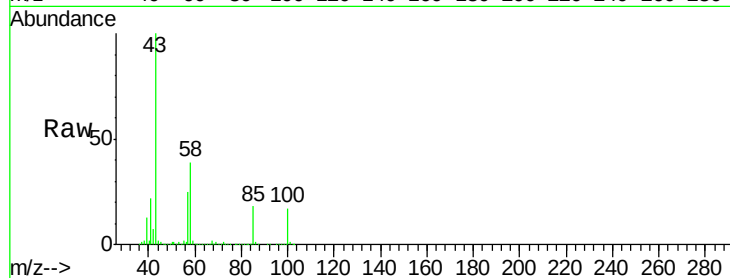




#51
 4-Methyl-2-Pentanone
 Concen: 321.78 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

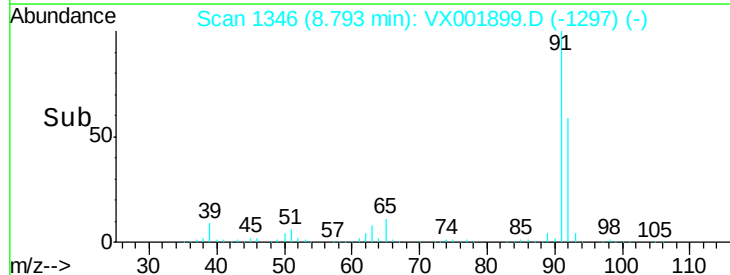
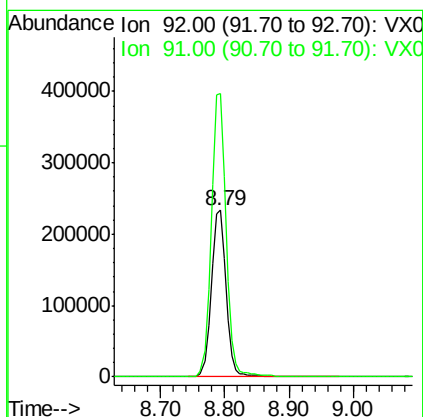
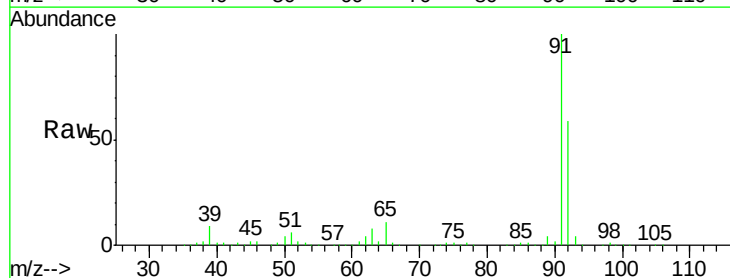
Instrument :
 MSVOA_X
 ClientSampled :

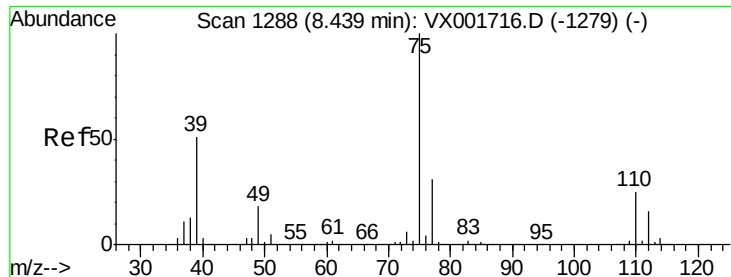
Tot Ion: 43 Resp: 1245188
 Ion Ratio Lower Upper
 43 100
 58 38.3 31.4 47.0



#52
 Toluene
 Concen: 53.41 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion: 92 Resp: 378571
 Ion Ratio Lower Upper
 92 100
 91 169.8 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 53.90 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

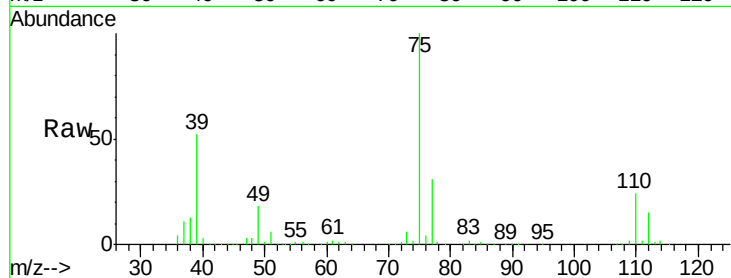
ClientSampleId :

Tot Ion: 75 Resp: 223658

Ion Ratio Lower Upper

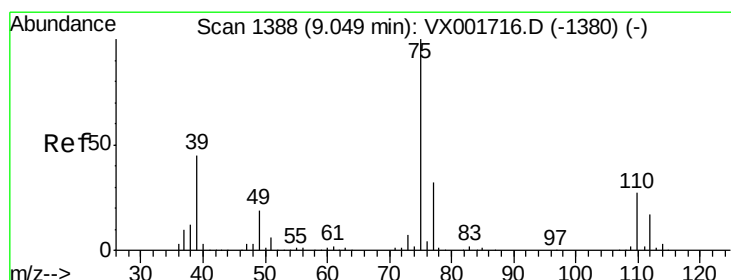
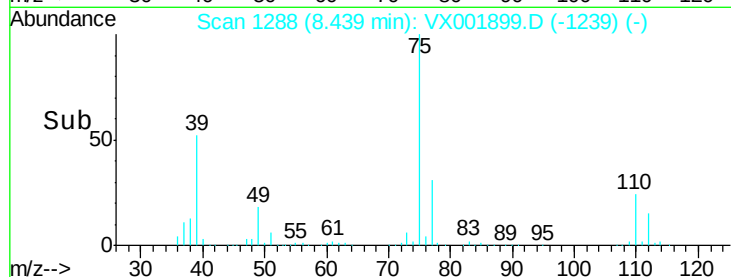
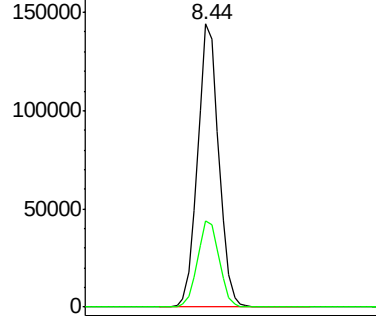
75 100

77 30.7 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 51.47 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

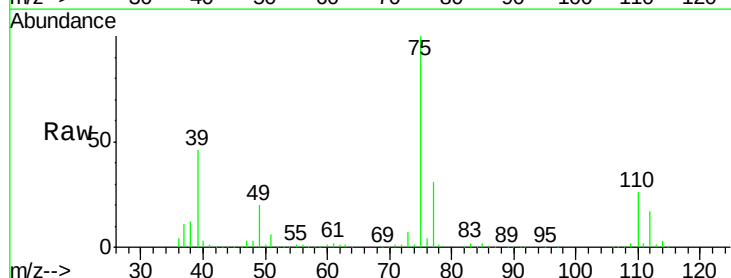
Tgt Ion: 75 Resp: 188262

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.2

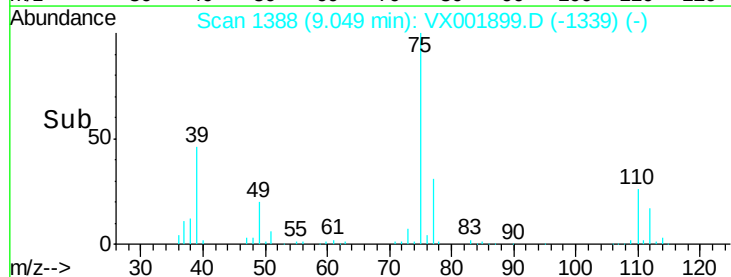
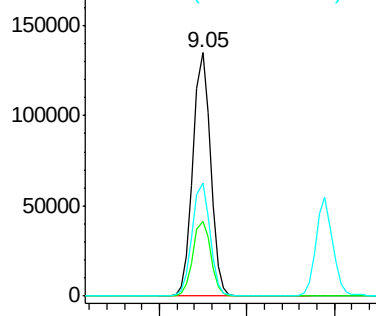
39 46.2 36.1 54.1

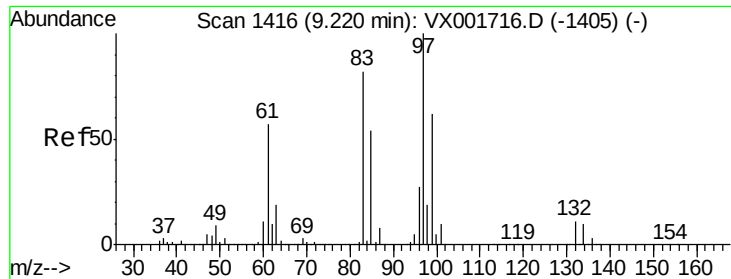


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

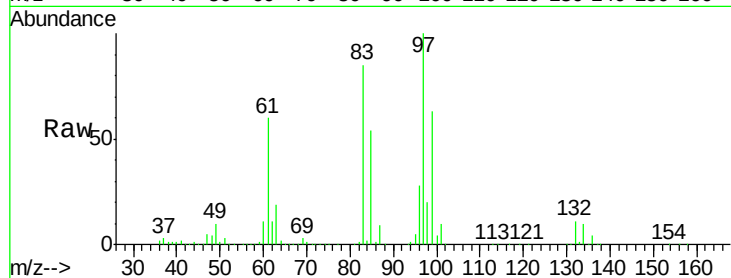




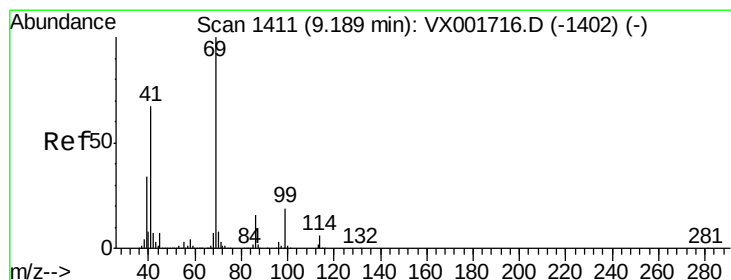
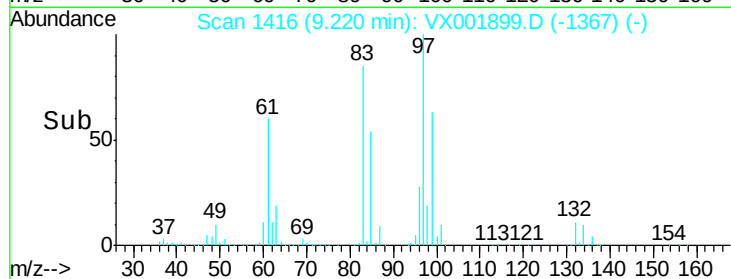
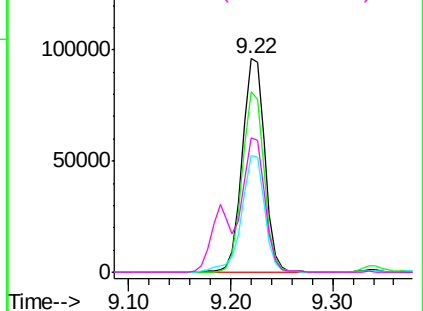
#55
 1,1,2-Trichloroethane
 Concen: 54.33 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	147205
Ion	Ratio	Lower	Upper
97	100		
83	84.8	65.8	98.8
85	54.4	43.4	65.0
99	62.9	49.8	74.6

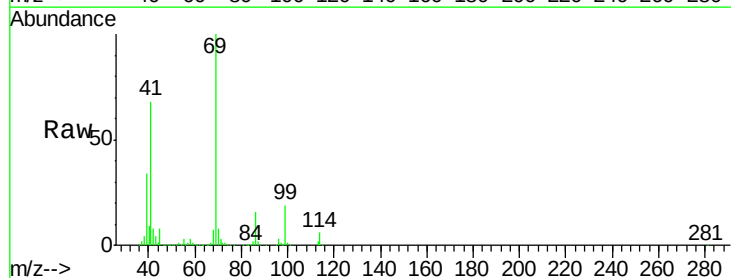


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

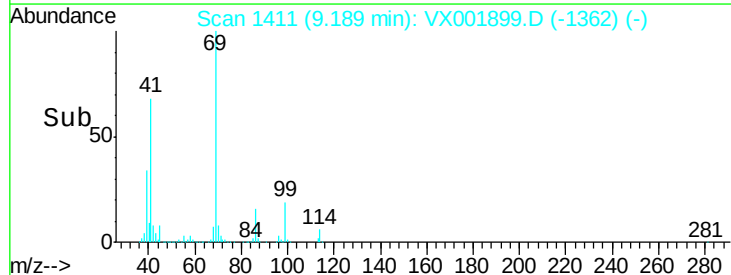
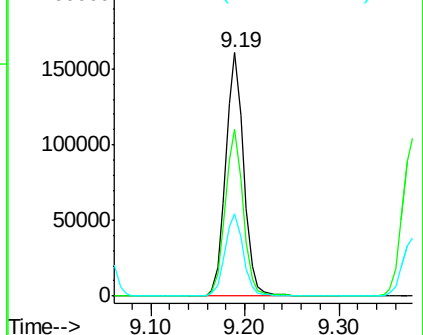


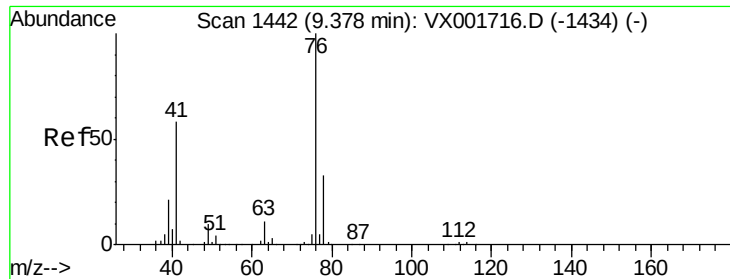
#56
 Ethyl methacrylate
 Concen: 55.62 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion:	69	Resp:	213670
Ion	Ratio	Lower	Upper
69	100		
41	68.1	53.5	80.3
39	34.9	27.2	40.8



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

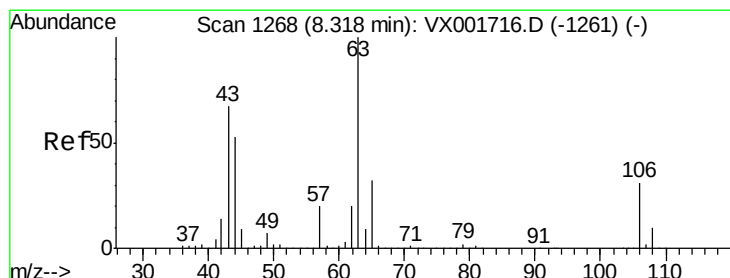
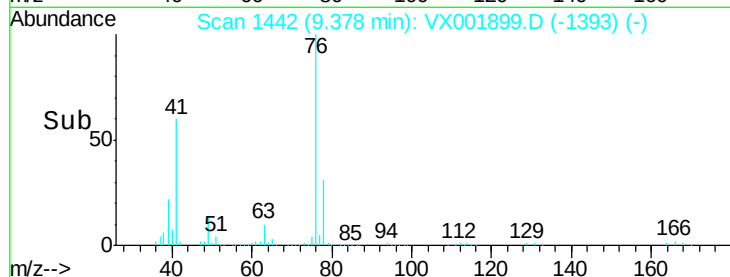
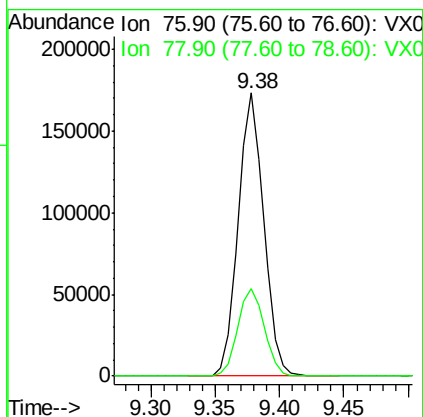
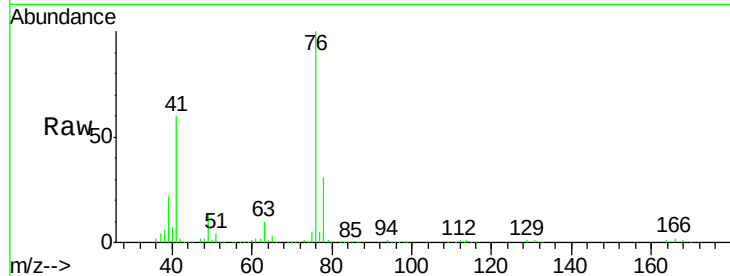




#57
 1,3-Dichloropropane
 Concen: 52.66 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

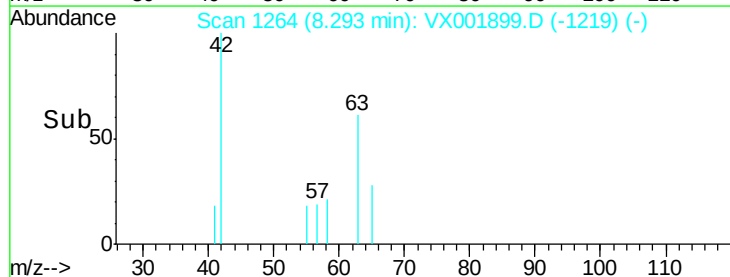
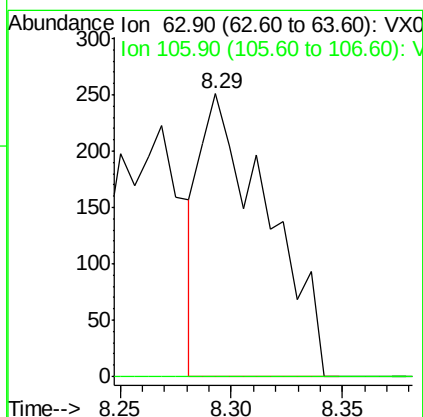
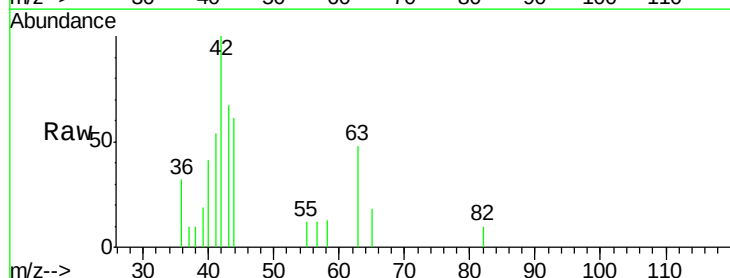
Instrument :
 MSVOA_X
 ClientSampleId :

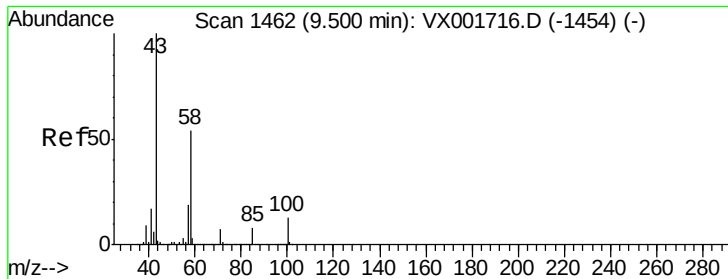
Tot Ion: 76 Resp: 238848
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.27 ug/l
 RT: 8.29 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion: 63 Resp: 526
 Ion Ratio Lower Upper
 63 100
 106 0.0 25.1 37.7#

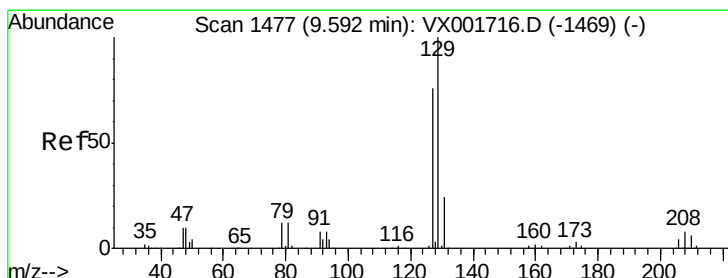
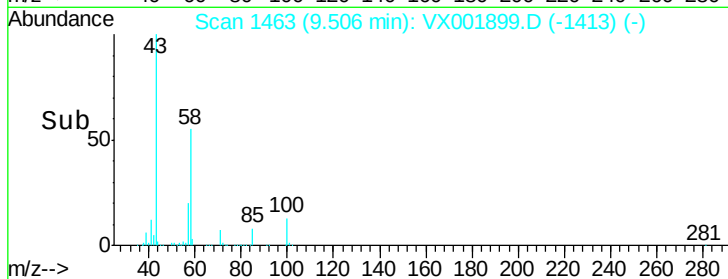
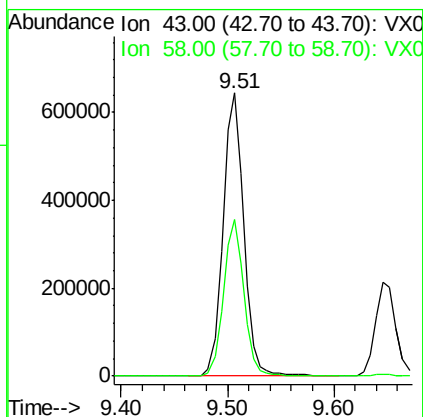
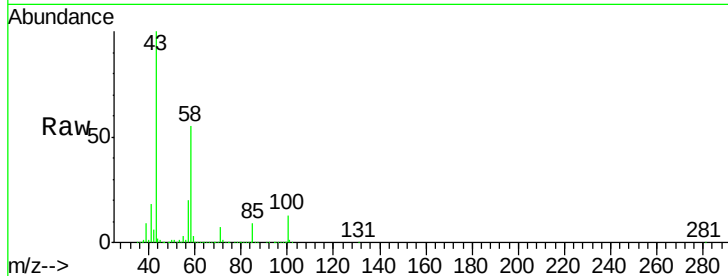




#59
2-Hexanone
Concen: 316.65 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

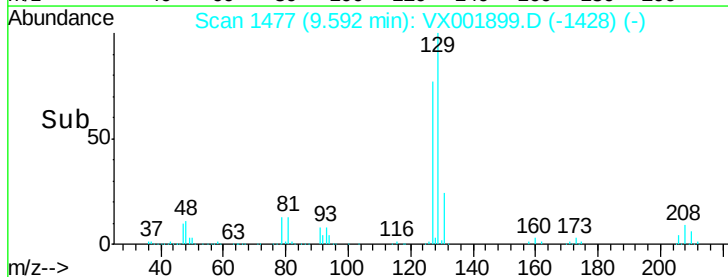
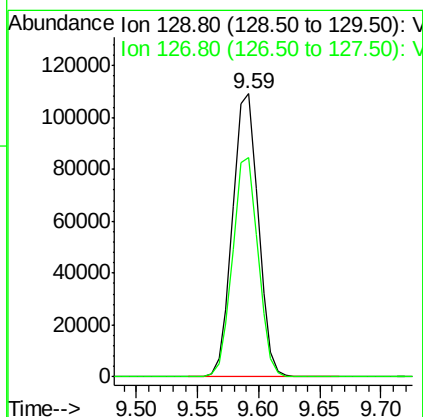
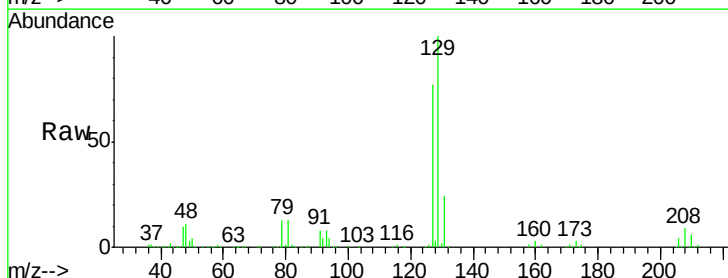
Instrument :
MSVOA_X
ClientSampleId :

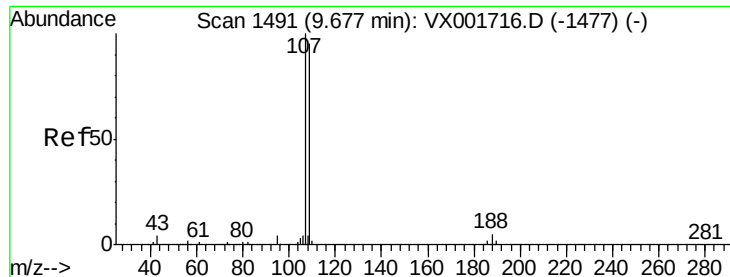
Tot Ion: 43 Resp: 877154
Ion Ratio Lower Upper
43 100
58 54.5 27.7 83.1



#60
Dibromochloromethane
Concen: 57.02 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion: 129 Resp: 158197
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1





#61

1,2-Dibromoethane

Concen: 53.37 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

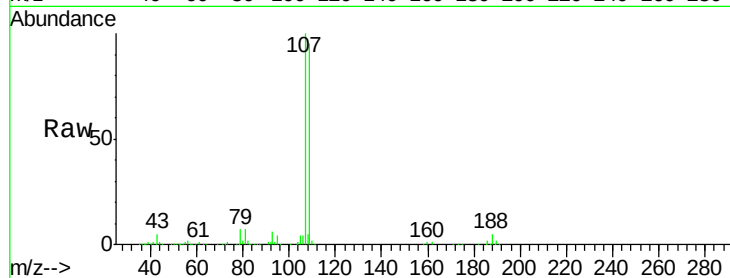
ClientSampleId :

Tot Ion:107 Resp: 151370

Ion Ratio Lower Upper

107 100

109 94.6 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

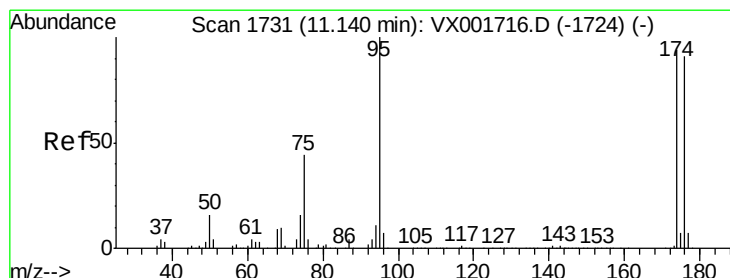
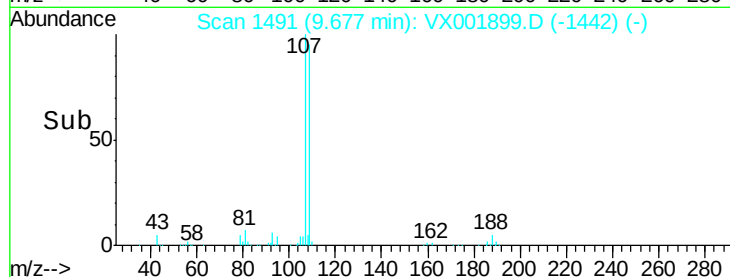
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

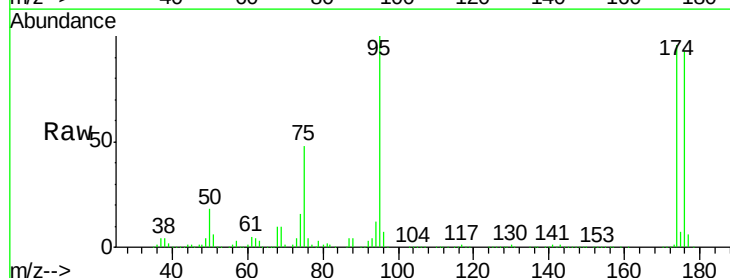
Tgt Ion: 95 Resp: 172878

Ion Ratio Lower Upper

95 100

174 102.3 0.0 201.8

176 99.3 0.0 196.8



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

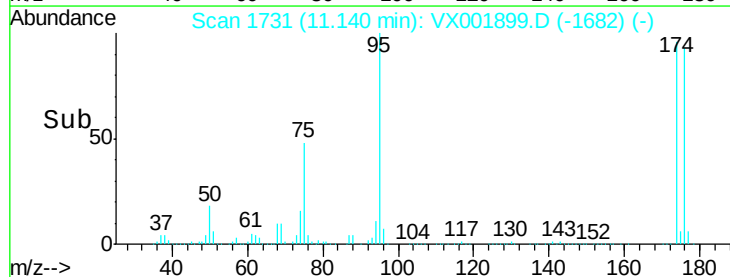
150000

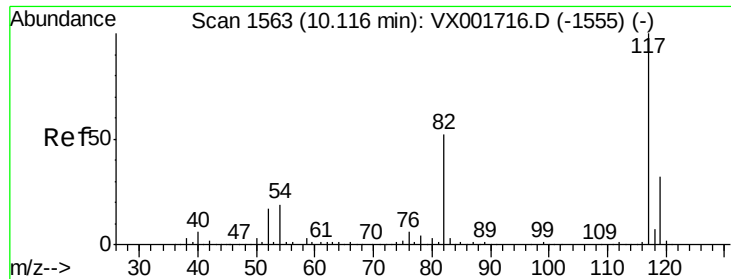
100000

50000

0

Time-->

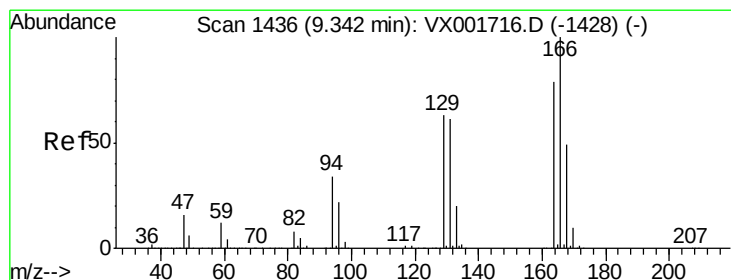
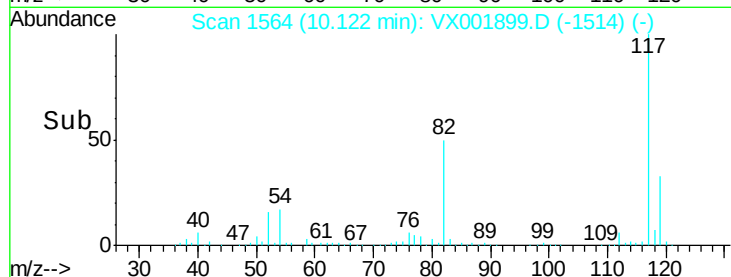
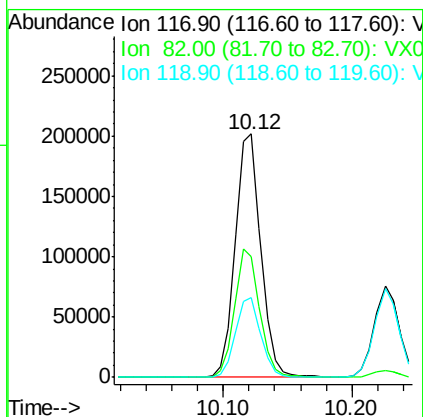
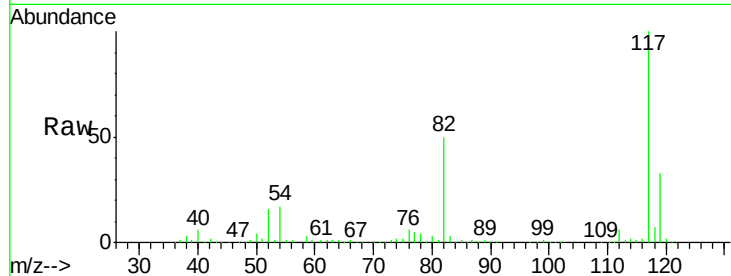




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

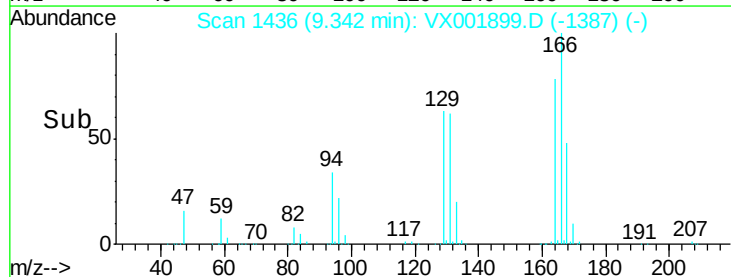
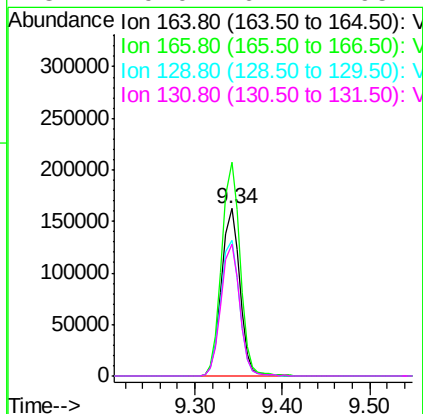
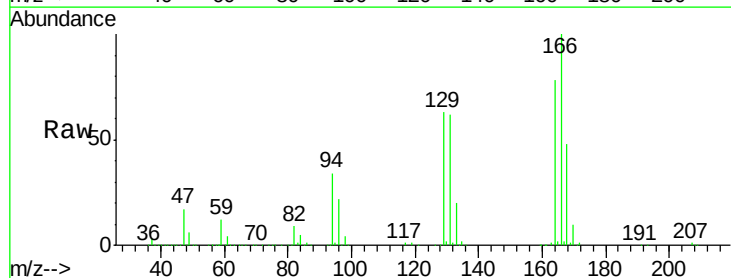
Instrument :
MSVOA_X
ClientSampleId :

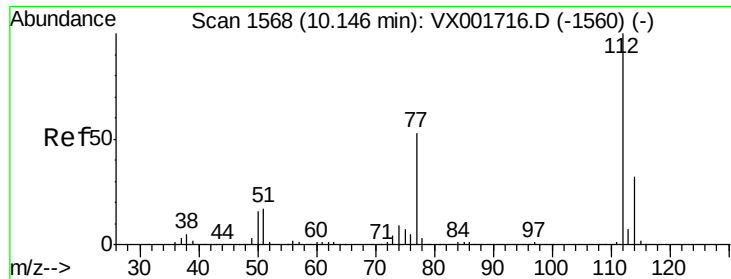
Tot Ion:117 Resp: 280306
Ion Ratio Lower Upper
117 100
82 49.6 41.4 62.2
119 32.9 25.6 38.4



#64
Tetrachloroethene
Concen: 64.80 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion:164 Resp: 236440
Ion Ratio Lower Upper
164 100
166 127.6 101.8 152.8
129 80.8 63.8 95.6
131 79.0 62.2 93.2

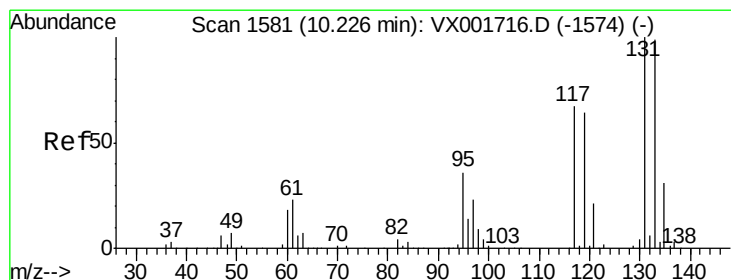
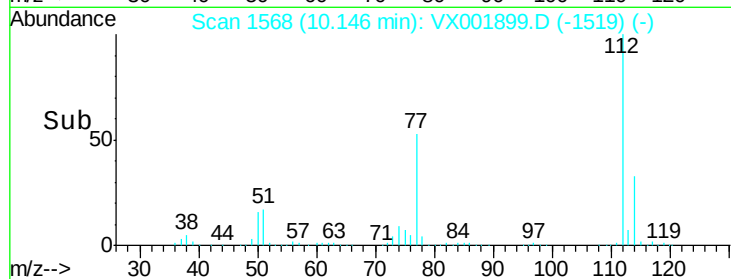
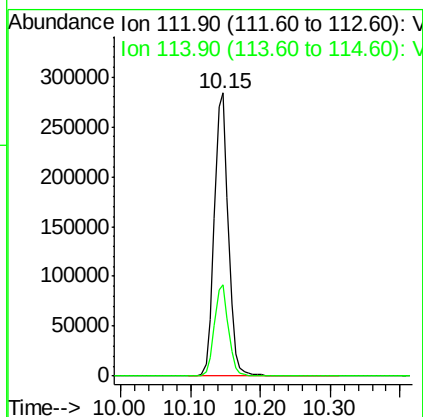
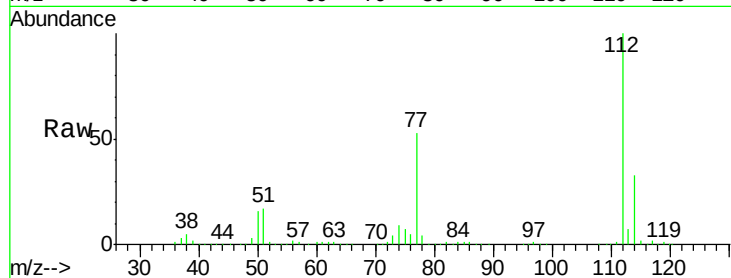




#65
Chlorobenzene
Concen: 51.24 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

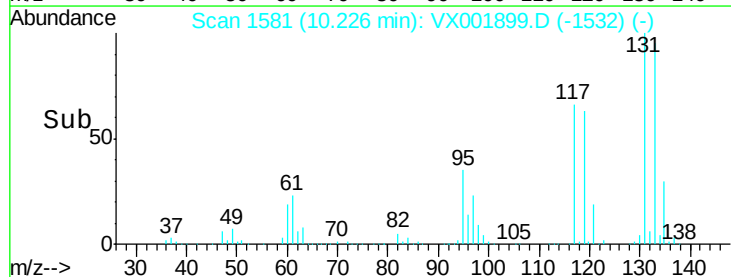
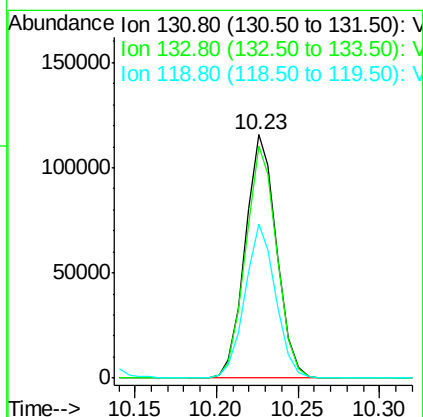
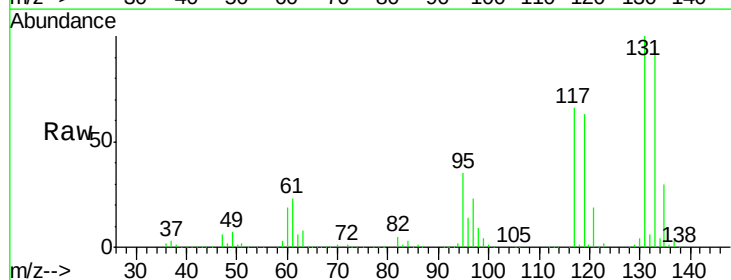
Instrument :
MSVOA_X
ClientSampleId :

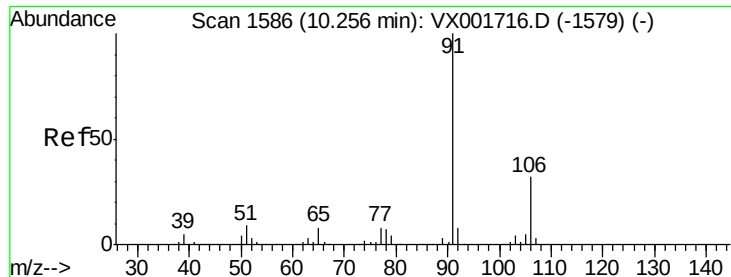
Tot Ion:112 Resp: 395087
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 56.67 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion:131 Resp: 154335
Ion Ratio Lower Upper
131 100
133 95.2 48.5 145.6
119 62.2 31.9 95.5

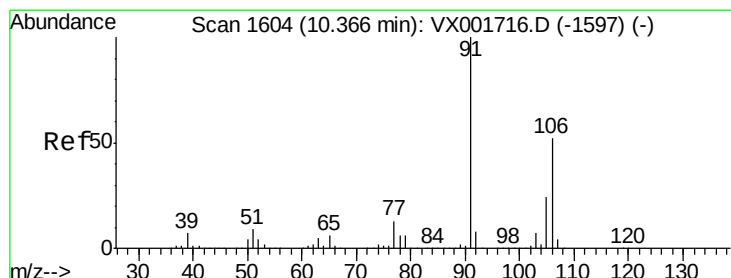
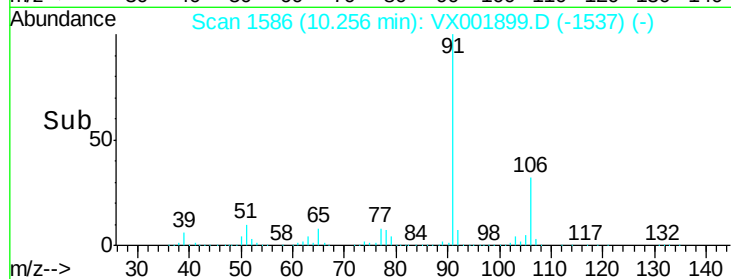
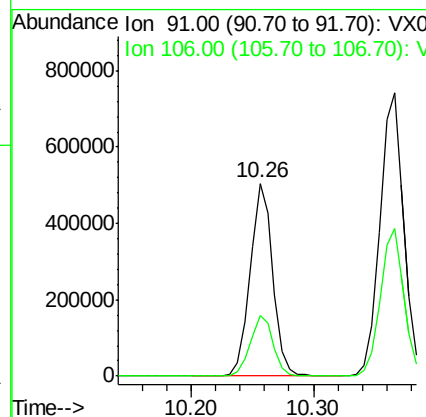
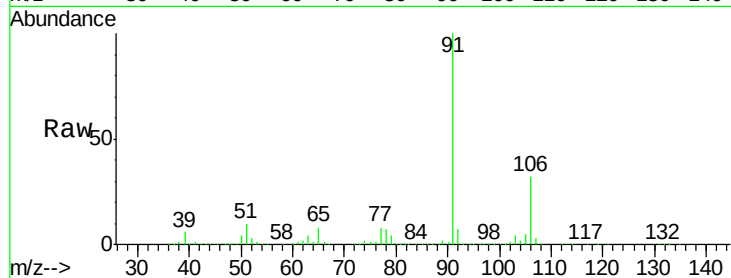




#67
Ethyl Benzene
Concen: 52.61 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

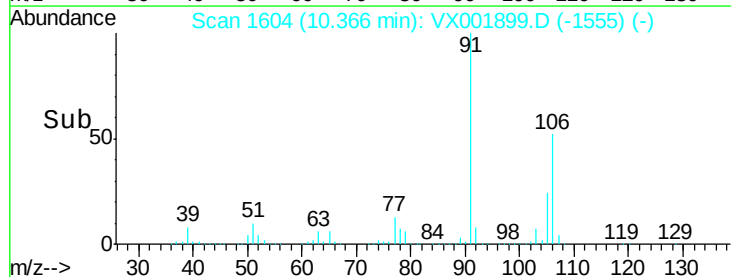
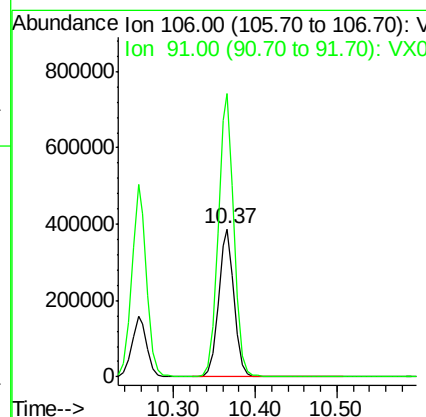
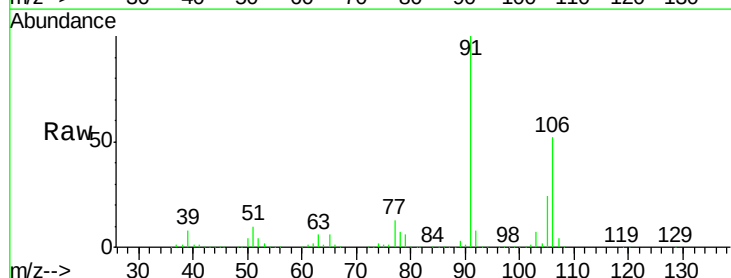
Instrument :
MSVOA_X
ClientSampled :

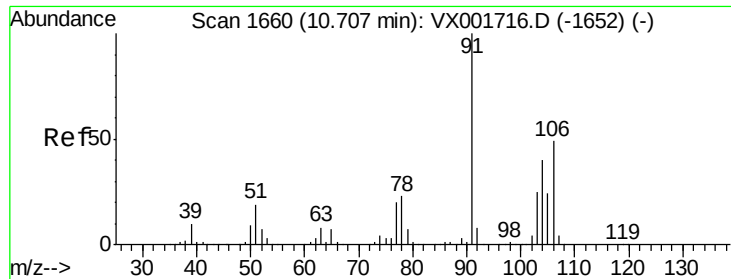
Tot Ion: 91 Resp: 648252
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5



#68
m/p-Xylenes
Concen: 106.95 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion: 106 Resp: 519947
Ion Ratio Lower Upper
106 100
91 194.0 155.4 233.2

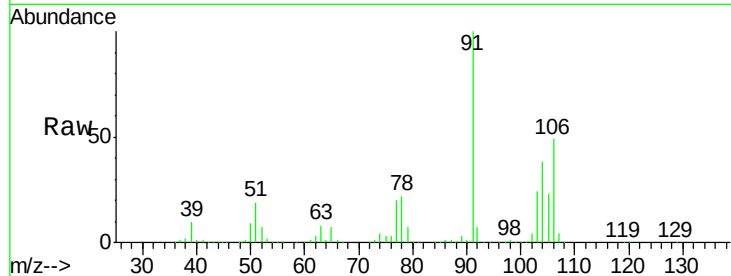




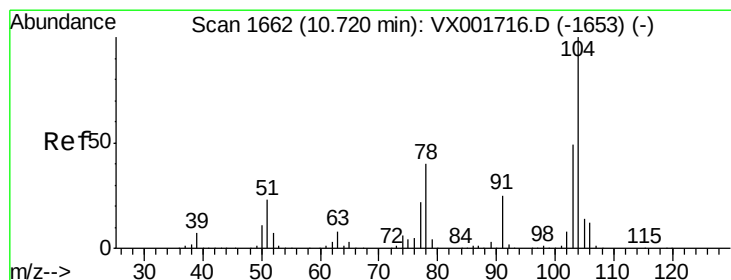
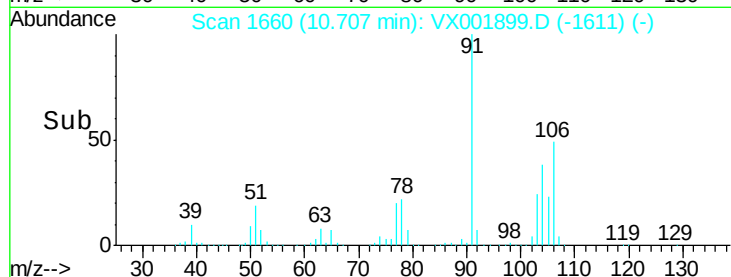
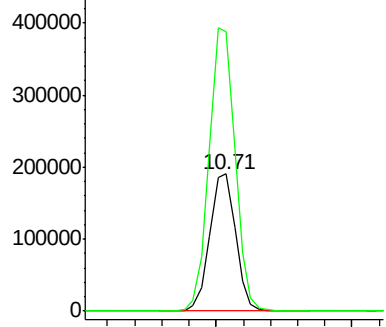
#69
o-Xylene
Concen: 54.47 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 253603
Ion Ratio Lower Upper
106 100
91 207.1 103.4 310.2

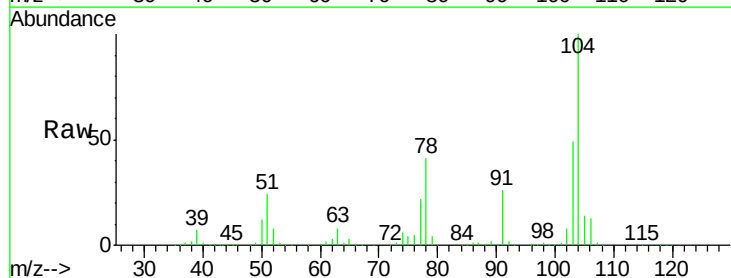


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

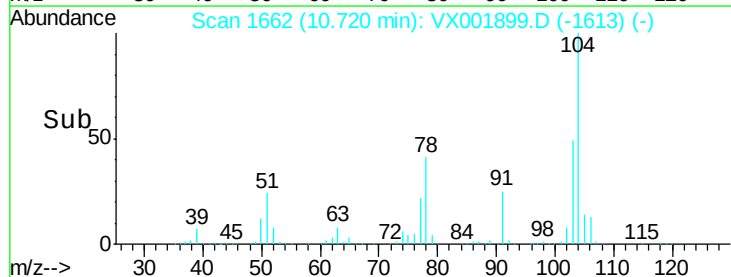
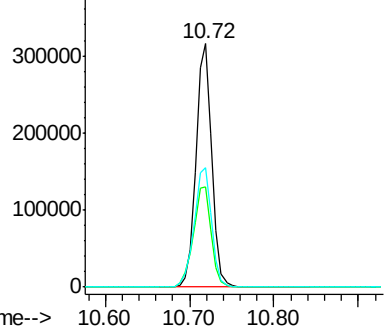


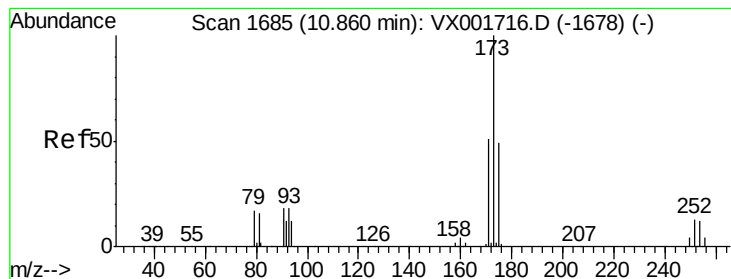
#70
Styrene
Concen: 53.08 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion:104 Resp: 407581
Ion Ratio Lower Upper
104 100
78 47.1 37.3 55.9
103 54.8 43.7 65.5



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





#71

Bromoform

Concen: 51.85 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

ClientSampled :

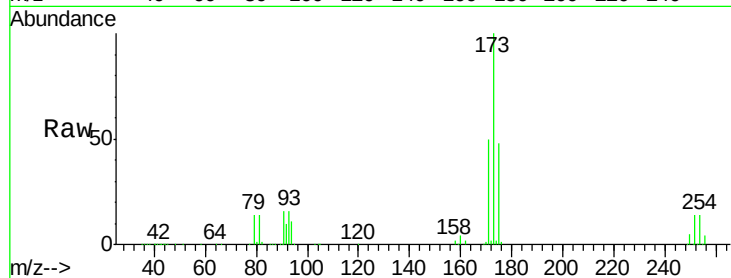
Tot Ion:173 Resp: 131691

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

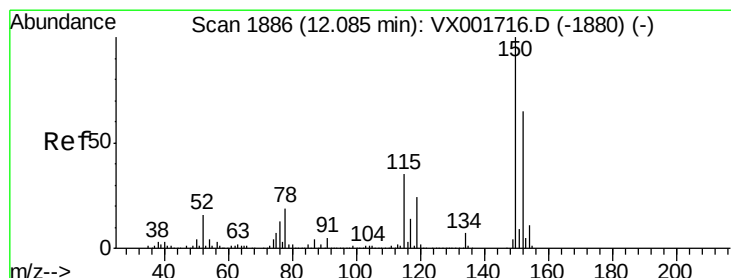
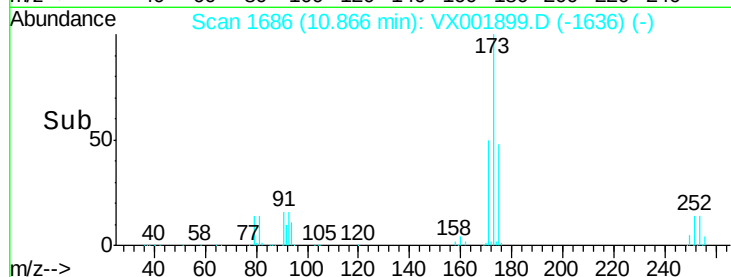
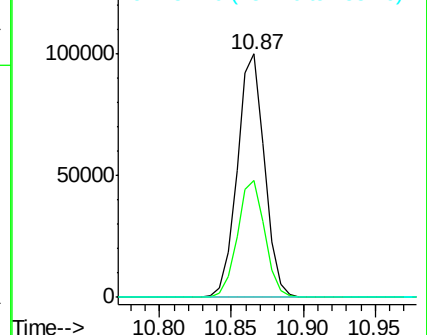
254 0.2 0.2 0.2



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: VX001899.D

Acq: 22 May 2018 17:50

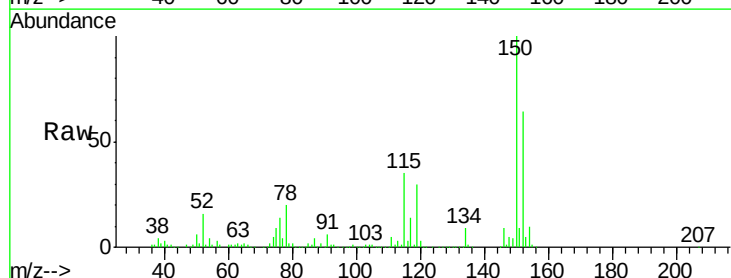
Tgt Ion:152 Resp: 184113

Ion Ratio Lower Upper

152 100

115 77.3 37.4 112.2

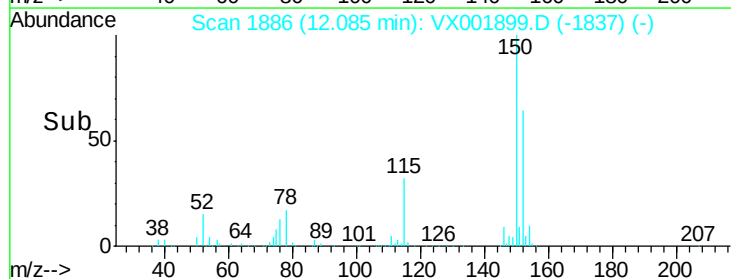
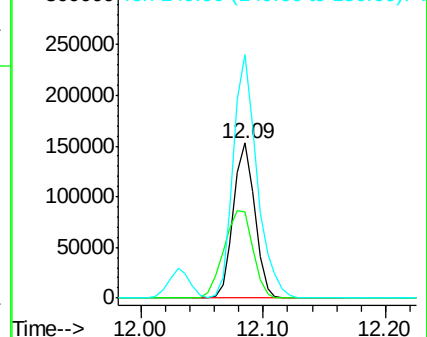
150 175.1 0.0 344.8

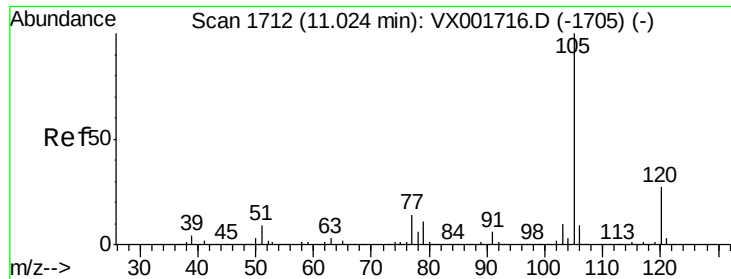


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.13 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

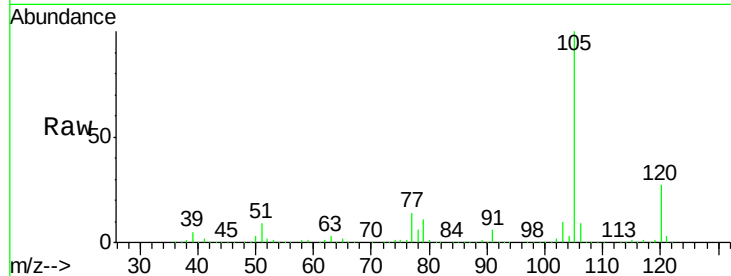
ClientSampleId :

Tot Ion:105 Resp: 680603

Ion Ratio Lower Upper

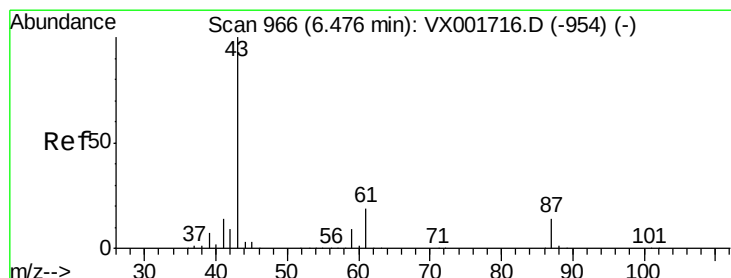
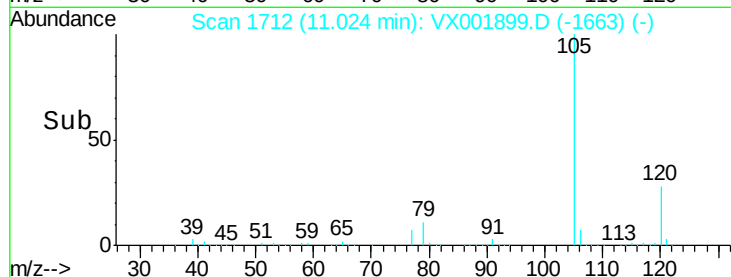
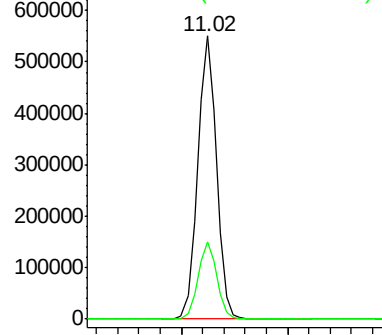
105 100

120 27.3 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 60.49 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Tgt Ion: 43 Resp: 351619

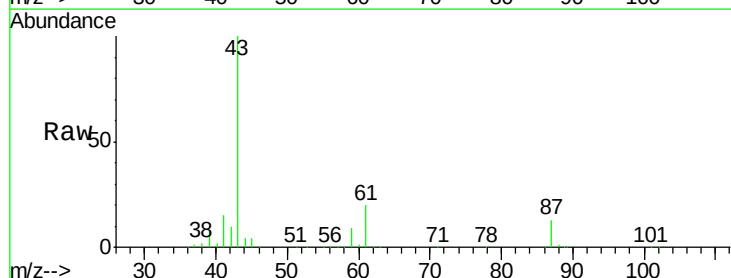
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.7 15.8 23.8

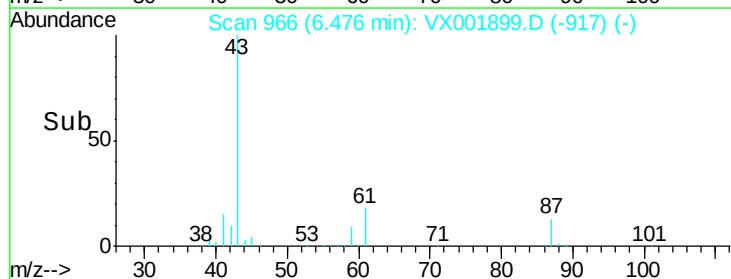
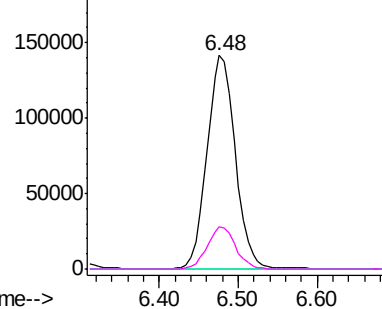


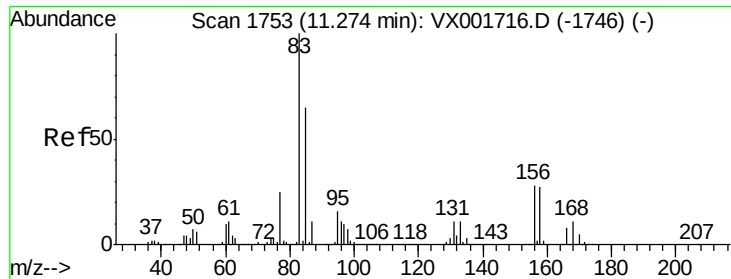
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 58.44 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

ClientSampled :

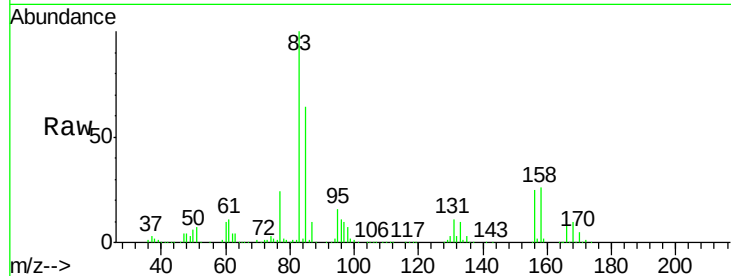
Tot Ion: 83 Resp: 212541

Ion Ratio Lower Upper

83 100

131 11.6 5.7 17.0

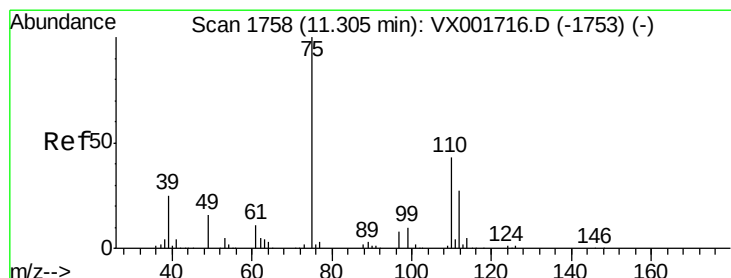
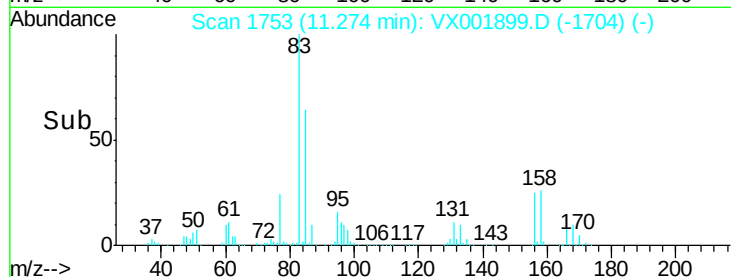
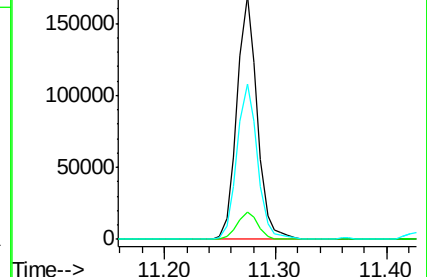
85 65.0 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 72.23 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001899.D

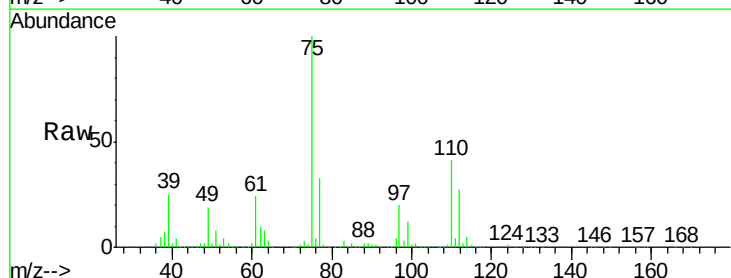
Acq: 22 May 2018 17:50

Tgt Ion: 75 Resp: 252889

Ion Ratio Lower Upper

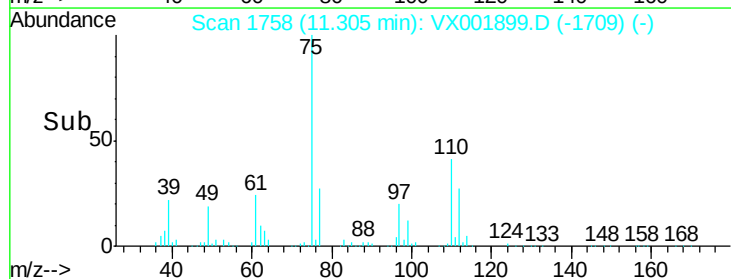
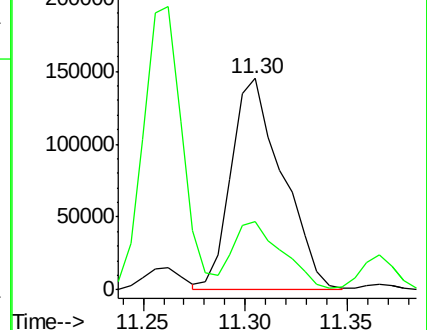
75 100

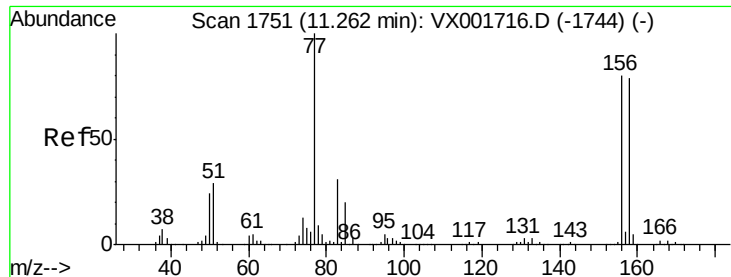
77 31.1 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 54.59 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

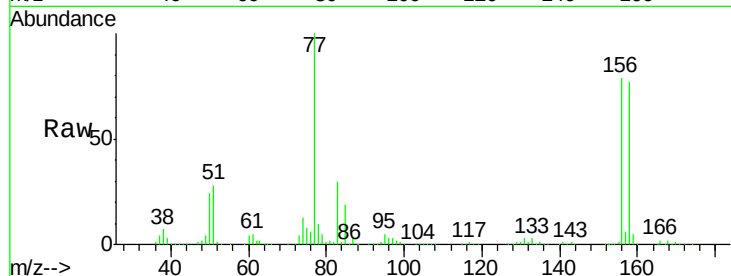
Tot Ion:156 Resp: 194488

Ion Ratio Lower Upper

156 100

77 132.4 65.3 196.0

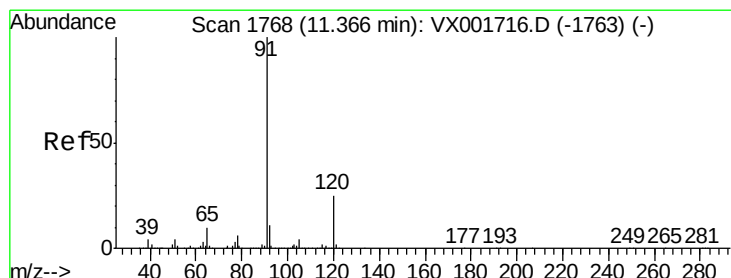
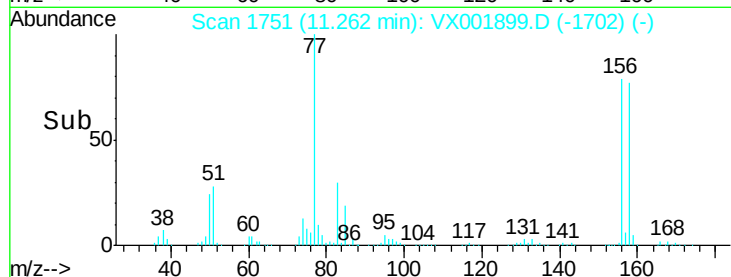
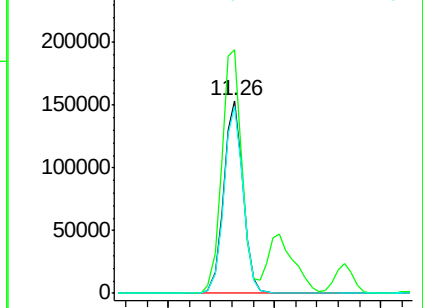
158 96.9 49.1 147.3



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: 54.53 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001899.D

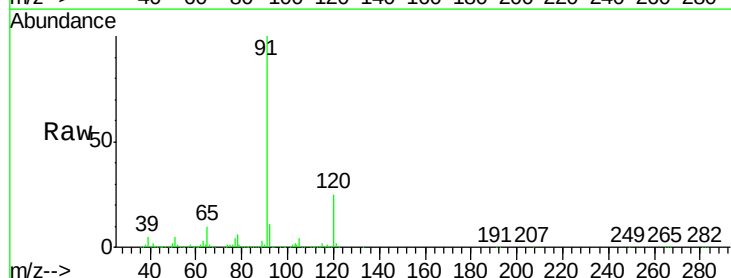
Acq: 22 May 2018 17:50

Tgt Ion: 91 Resp: 744922

Ion Ratio Lower Upper

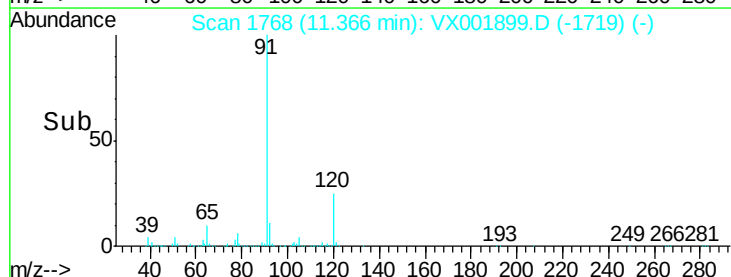
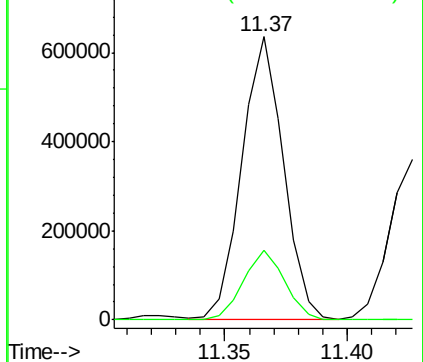
91 100

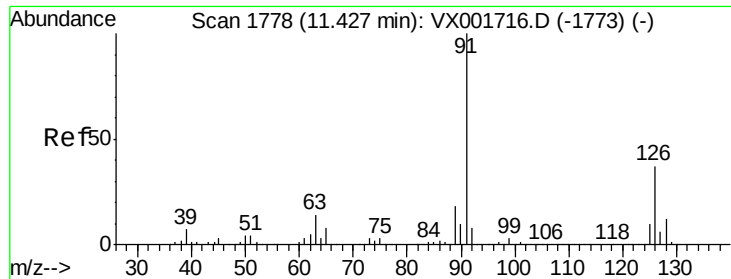
120 24.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.09 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

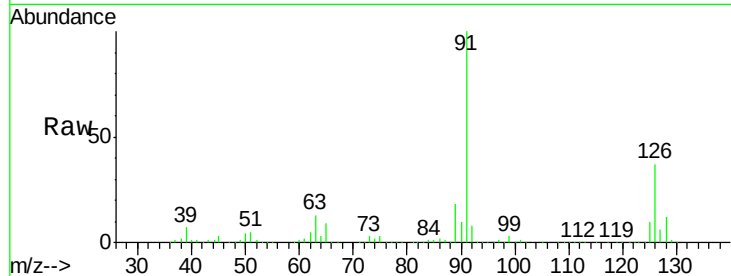
ClientSampleId :

Tot Ion: 91 Resp: 450069

Ion Ratio Lower Upper

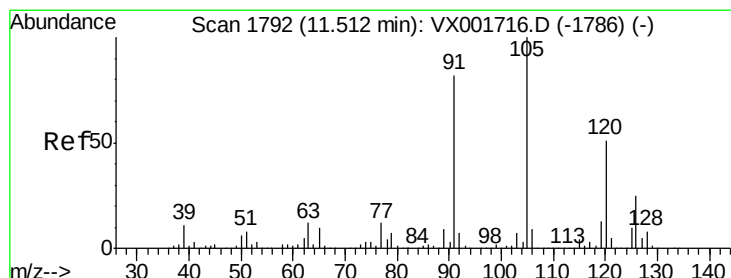
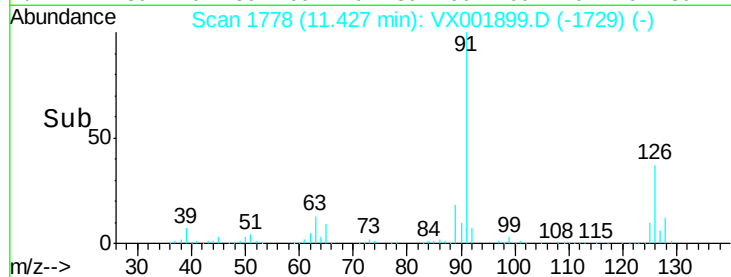
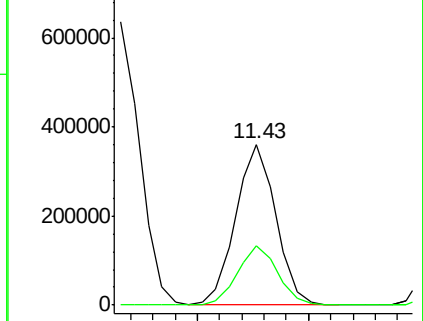
91 100

126 37.1 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 56.38 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001899.D

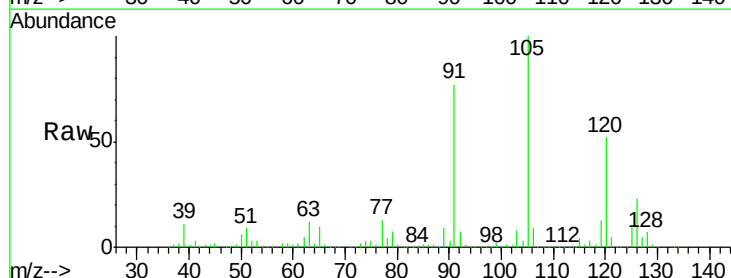
Acq: 22 May 2018 17:50

Tgt Ion: 105 Resp: 560777

Ion Ratio Lower Upper

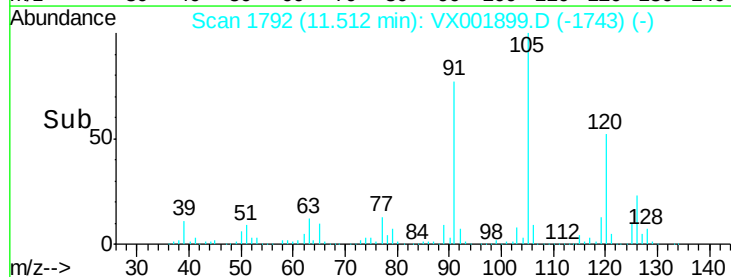
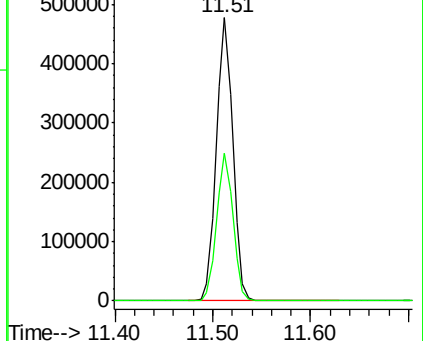
105 100

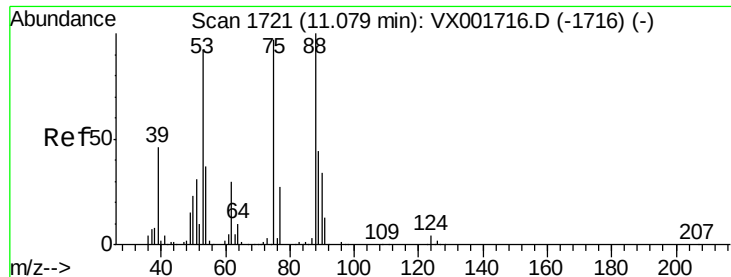
120 51.6 25.7 77.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.45 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

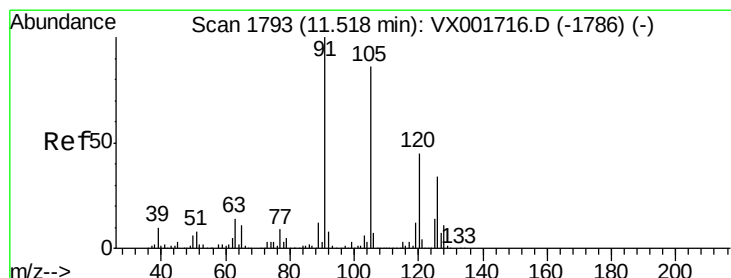
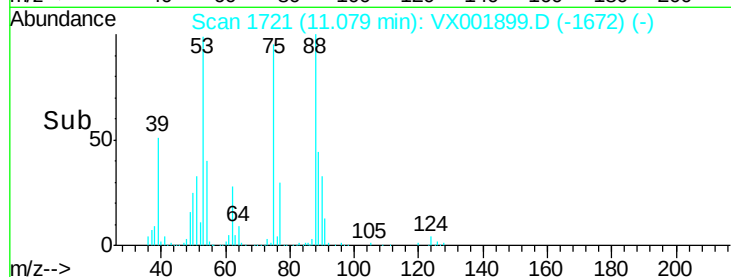
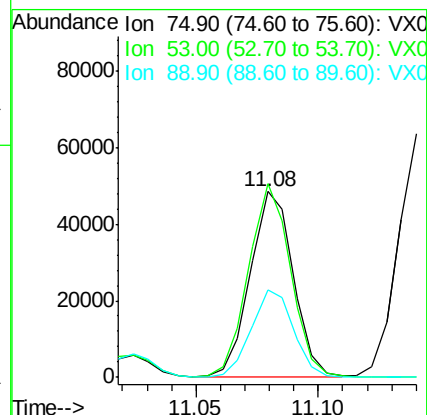
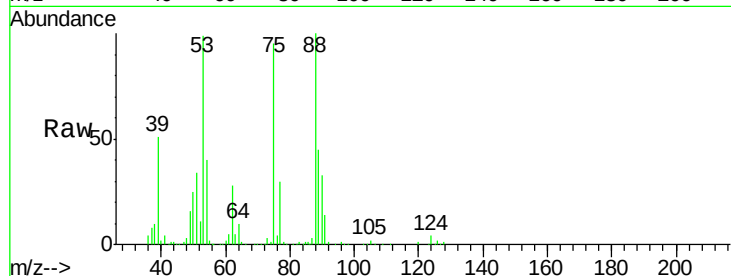
Tot Ion: 75 Resp: 59312

Ion Ratio Lower Upper

75 100

53 101.7 79.4 119.2

89 47.1 38.8 58.2



#82

4-Chlorotoluene

Concen: 53.68 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001899.D

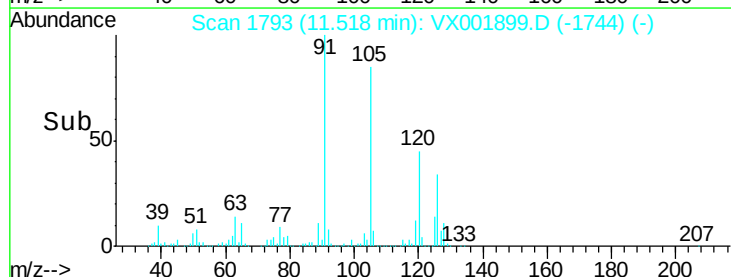
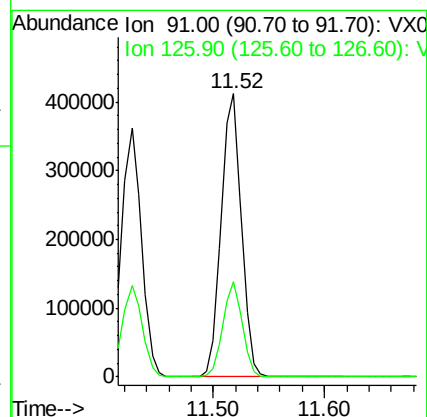
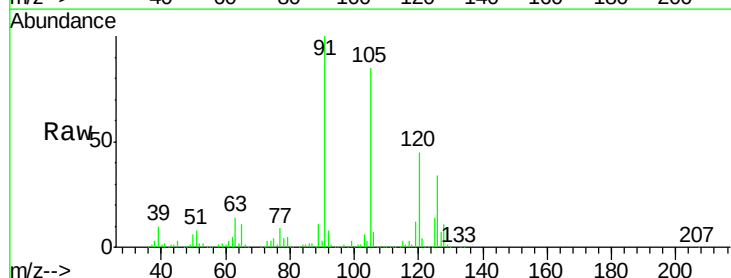
Acq: 22 May 2018 17:50

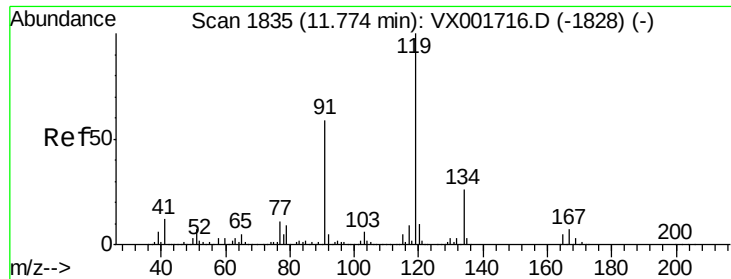
Tgt Ion: 91 Resp: 516595

Ion Ratio Lower Upper

91 100

126 32.3 16.4 49.1

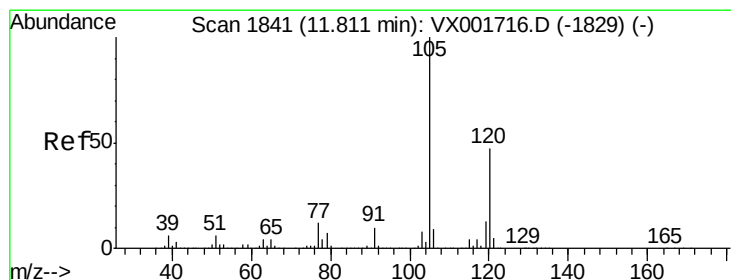
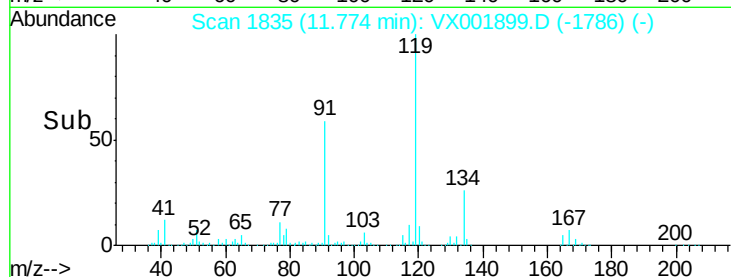
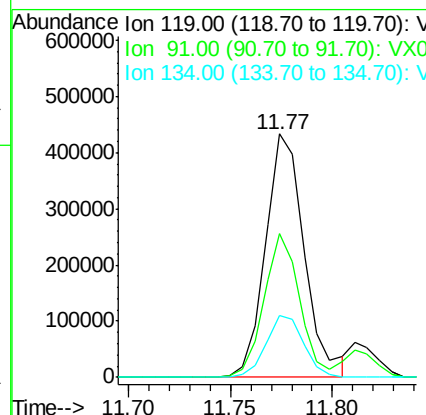
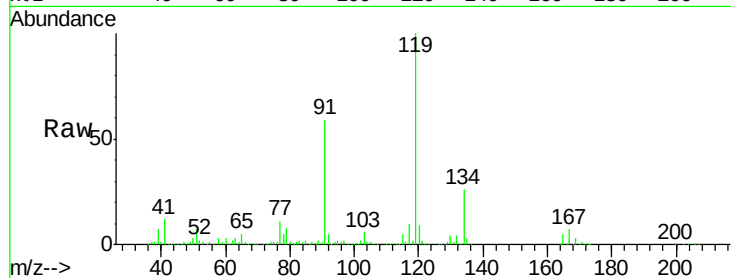




#83
 tert-Butylbenzene
 Concen: 58.13 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

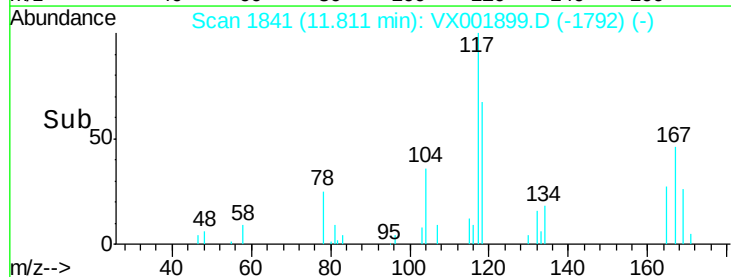
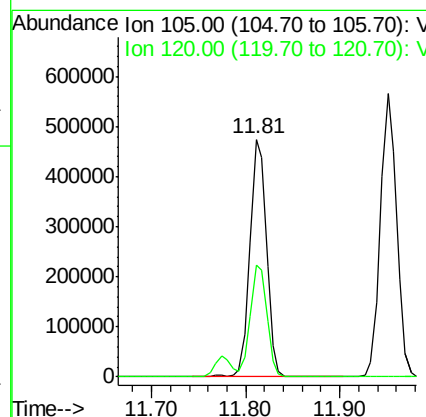
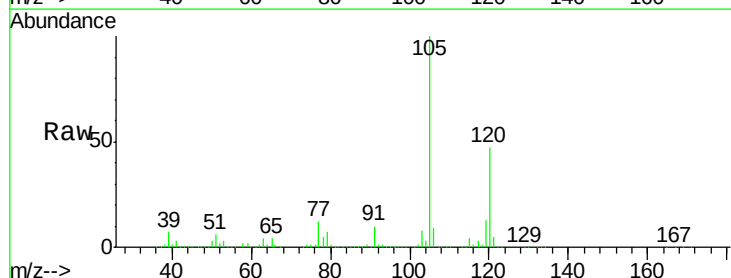
Instrument :
 MSVOA_X
 ClientSampleId :

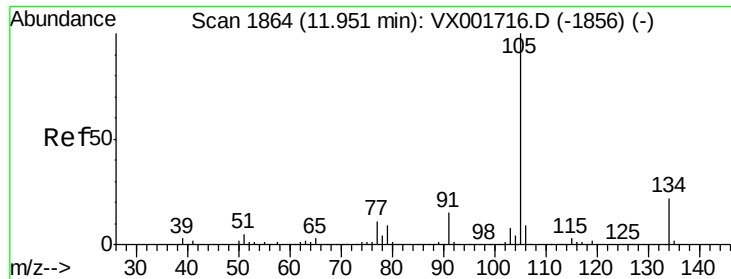
Tot Ion:119 Resp: 575406
 Ion Ratio Lower Upper
 119 100
 91 53.9 27.7 83.0
 134 24.7 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 56.66 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion:105 Resp: 583624
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.5 70.5





#85

sec-Butylbenzene

Concen: 55.56 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

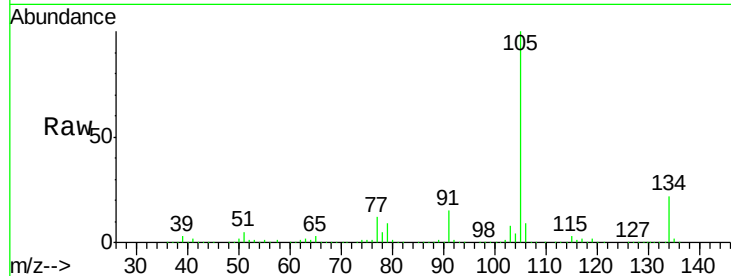
ClientSampleId :

Tot Ion:105 Resp: 678879

Ion Ratio Lower Upper

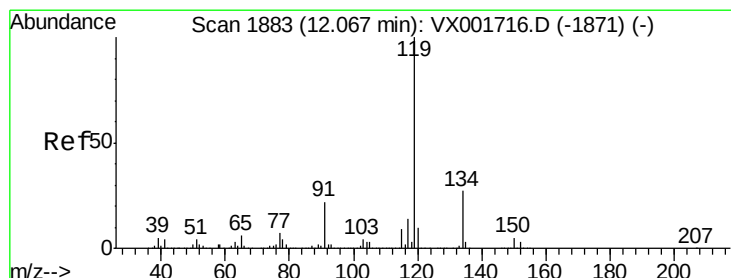
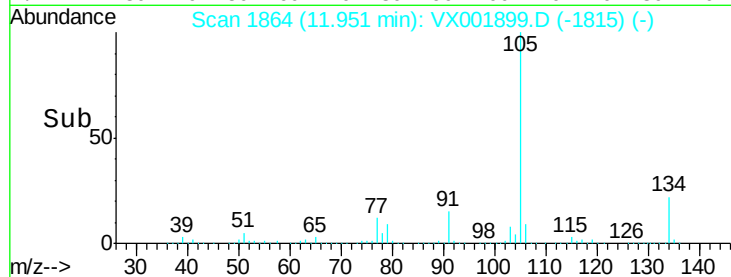
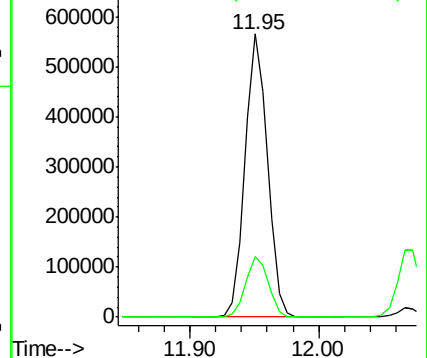
105 100

134 21.8 10.9 32.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.85 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

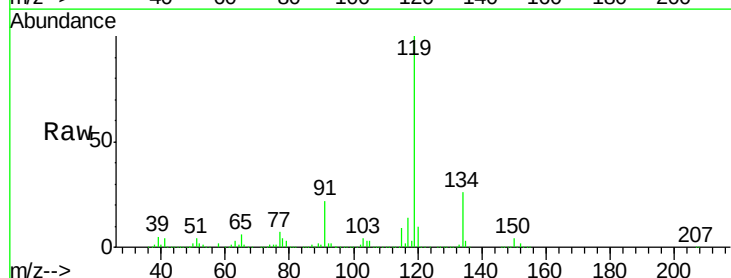
Tgt Ion:119 Resp: 620153

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

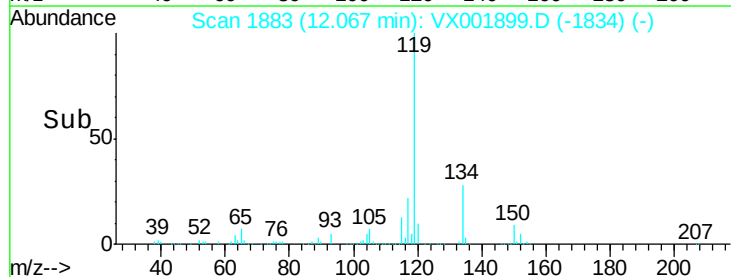
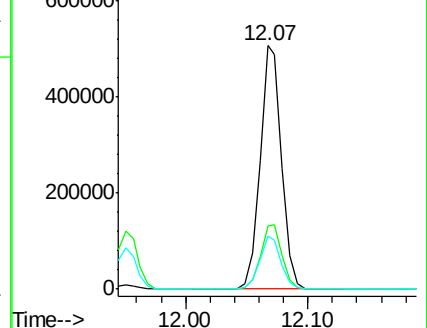
91 21.5 10.7 32.1

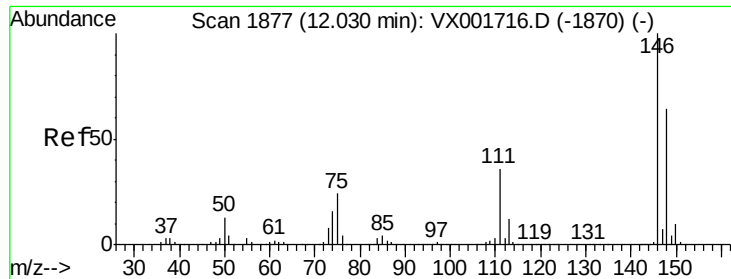


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

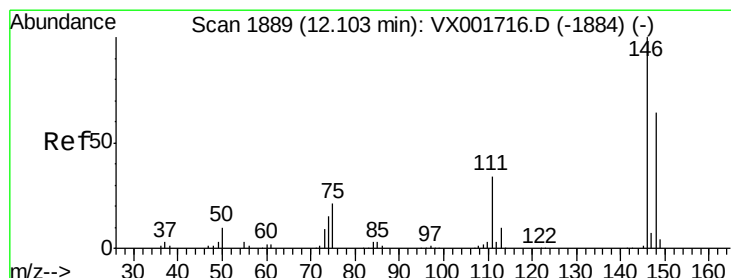
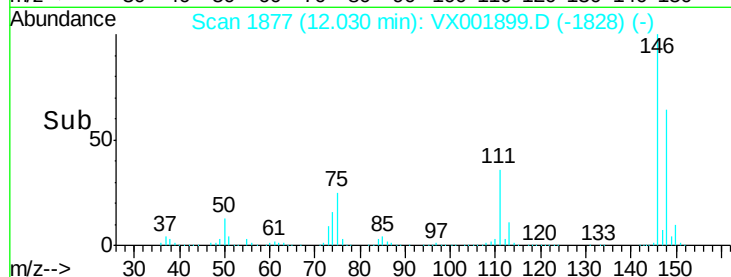
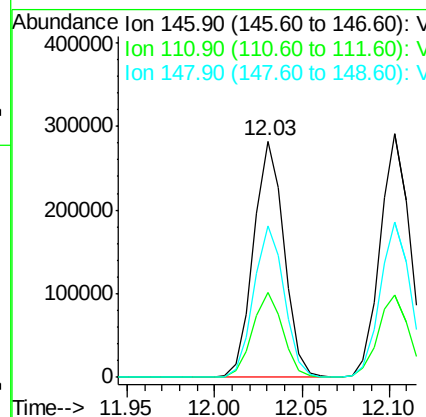
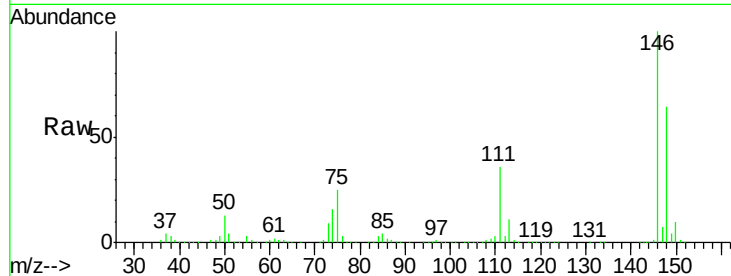




#87
 1,3-Dichlorobenzene
 Concen: 52.18 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

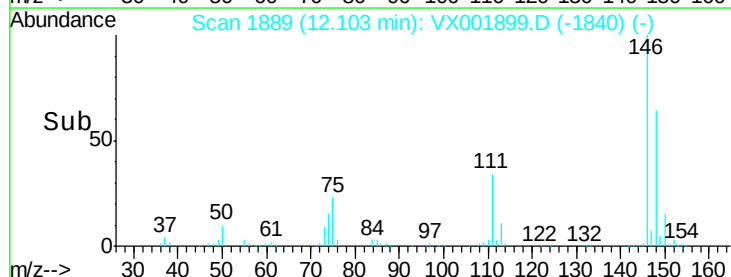
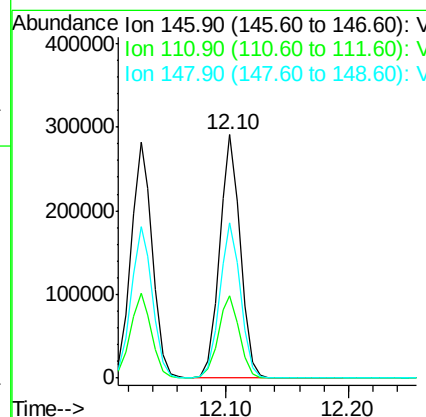
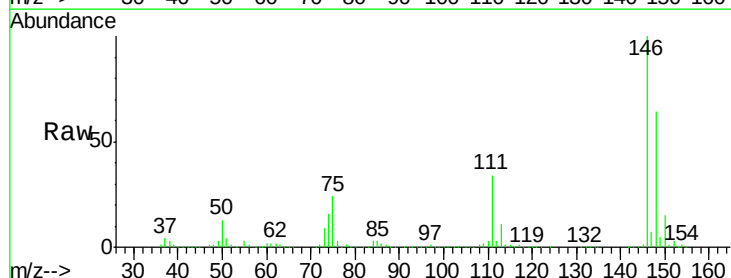
Instrument :
 MSVOA_X
 ClientSampleId :

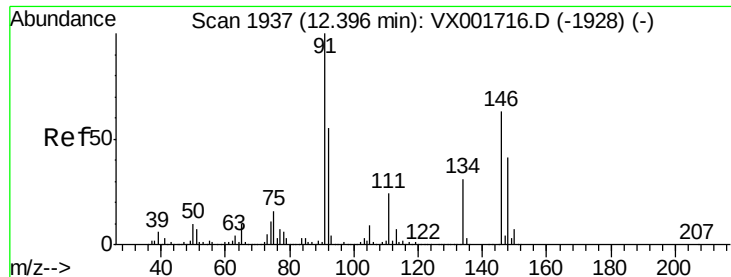
Tot Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.8	53.4
148	64.2	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 50.51 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.0	17.3	52.0
148	64.5	32.3	96.9

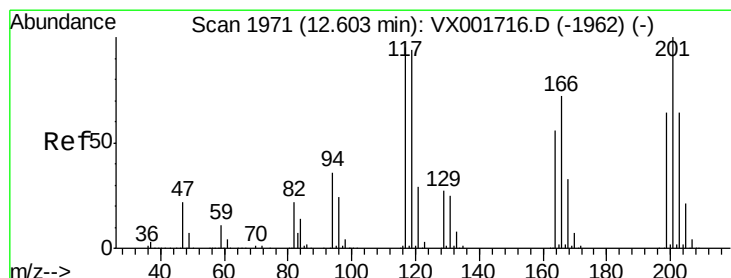
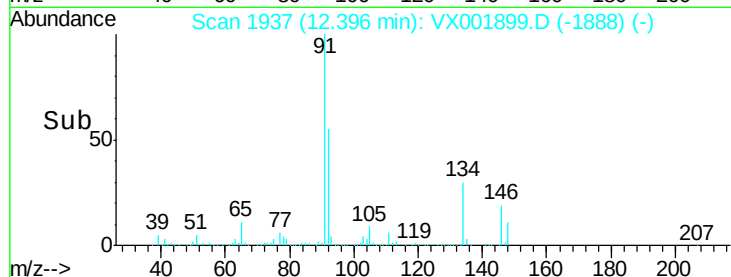
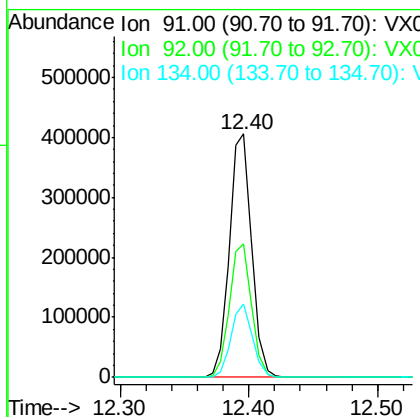
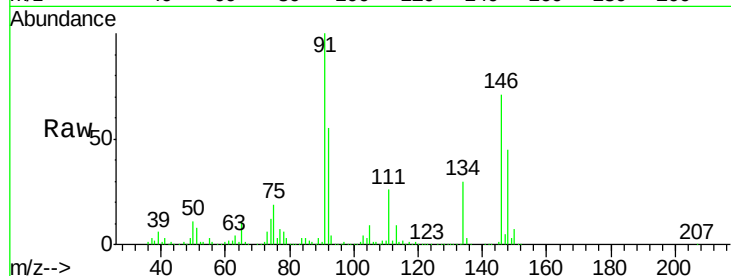




#89
n-Butylbenzene
Concen: 50.29 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

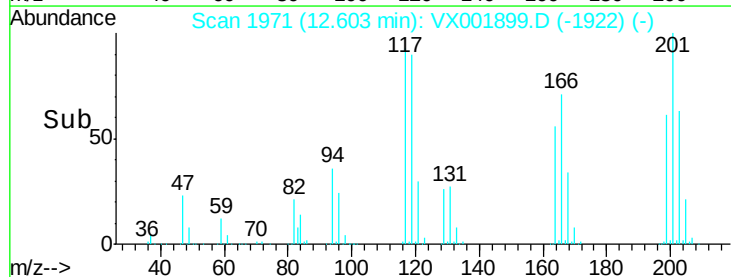
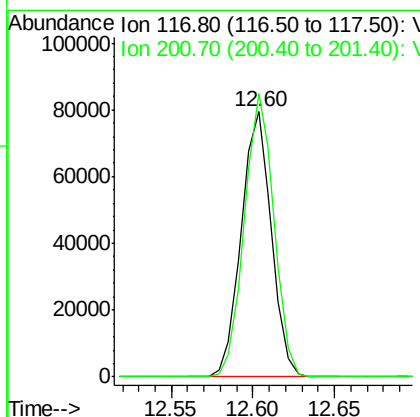
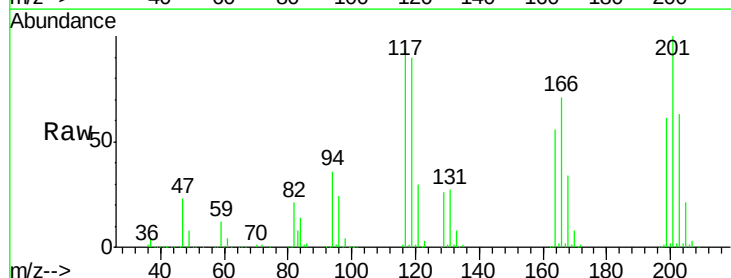
Instrument :
MSVOA_X
ClientSampleId :

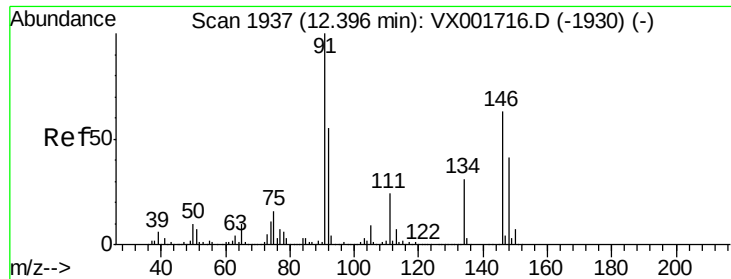
Tot Ion: 91 Resp: 491748
Ion Ratio Lower Upper
91 100
92 54.5 27.3 81.9
134 29.4 14.7 44.1



#90
Hexachloroethane
Concen: 58.14 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion: 117 Resp: 102102
Ion Ratio Lower Upper
117 100
201 105.0 51.9 155.7

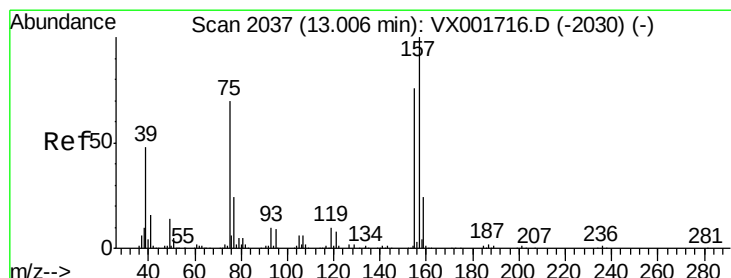
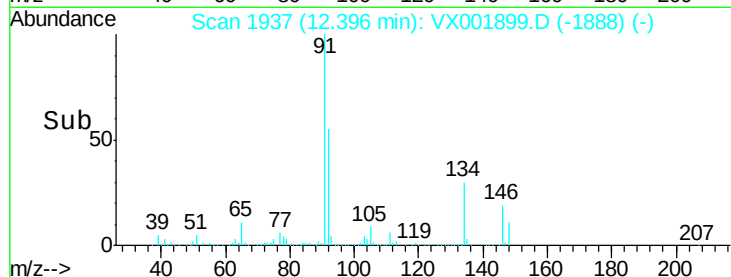
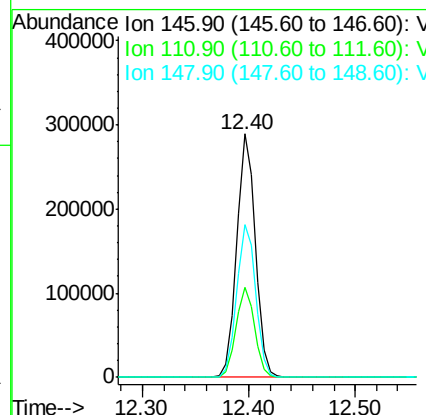
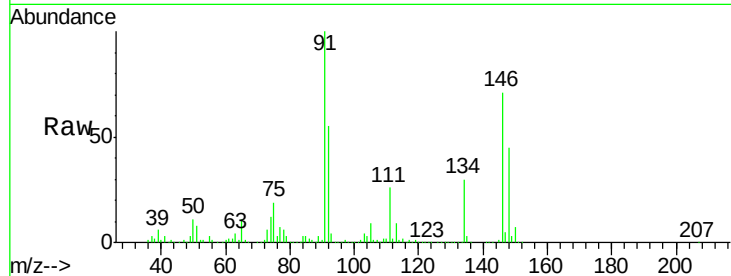




#91
 1,2-Dichlorobenzene
 Concen: 54.15 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

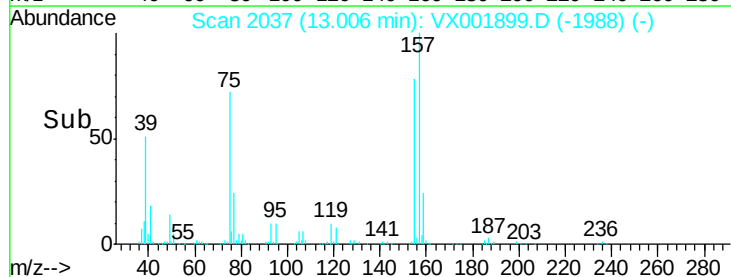
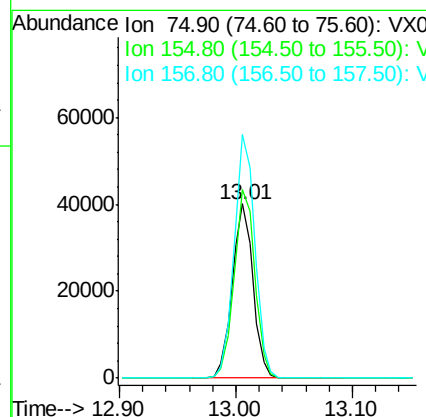
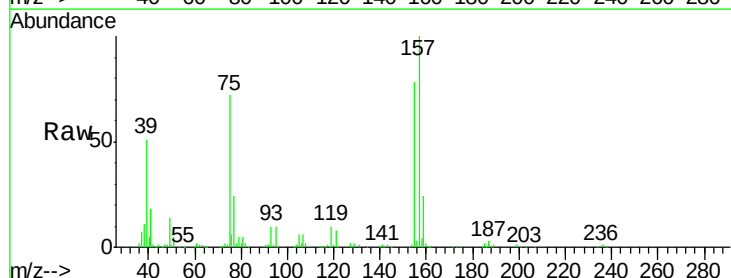
Instrument :
 MSVOA_X
 ClientSampleId :

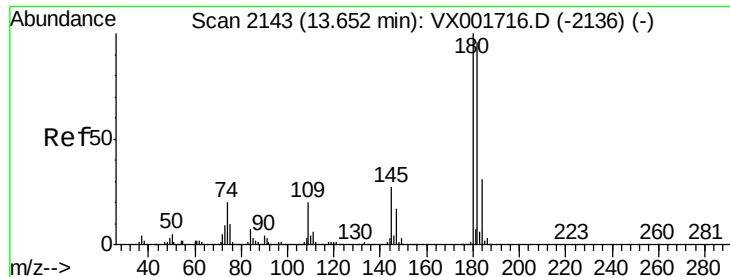
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	56.0
148	64.0	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 64.05 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.8	53.9	161.8
157	139.6	71.0	213.2





#93

1,2,4-Trichlorobenzene

Concen: 49.51 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

ClientSampled :

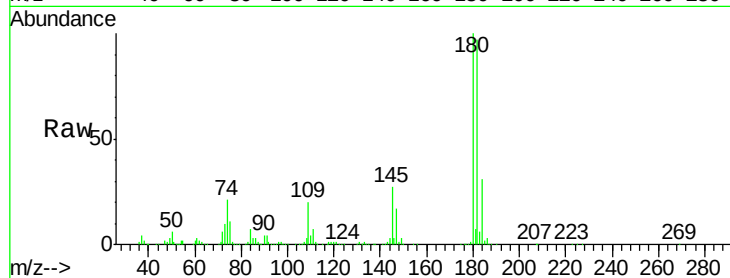
Tot Ion:180 Resp: 259081

Ion Ratio Lower Upper

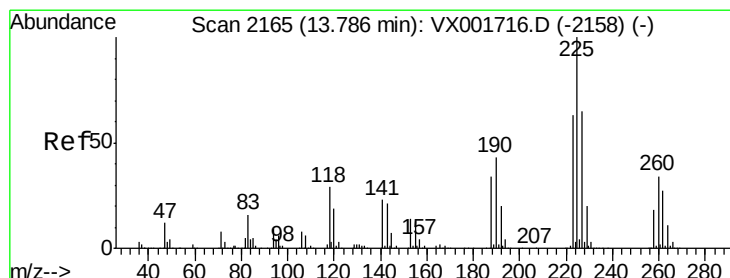
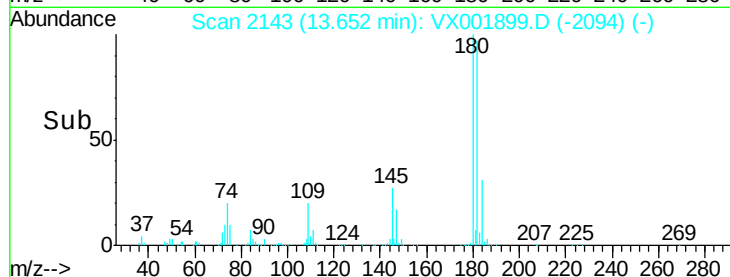
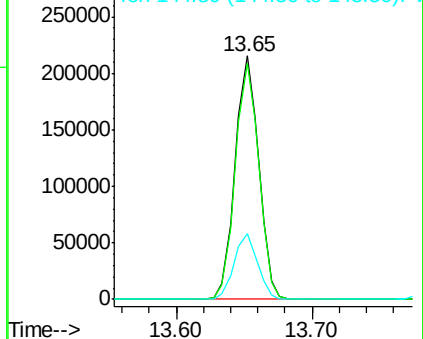
180 100

182 96.9 47.6 142.9

145 26.7 13.4 40.1



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: 49.70 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

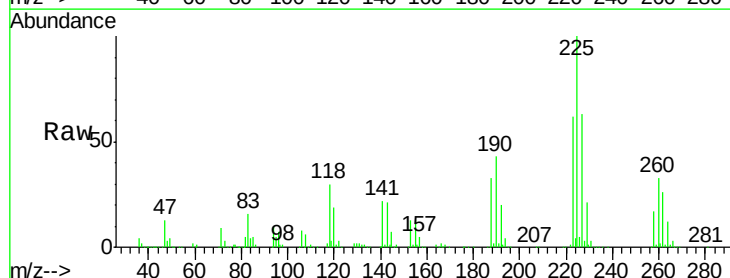
Tgt Ion:225 Resp: 139629

Ion Ratio Lower Upper

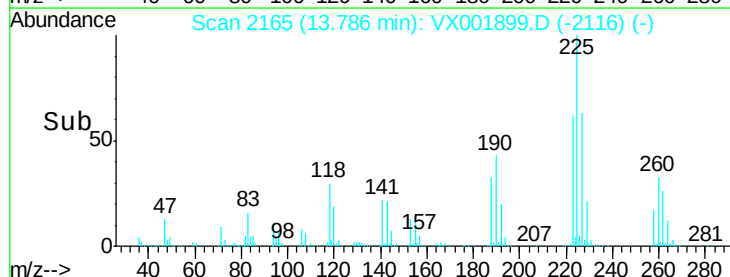
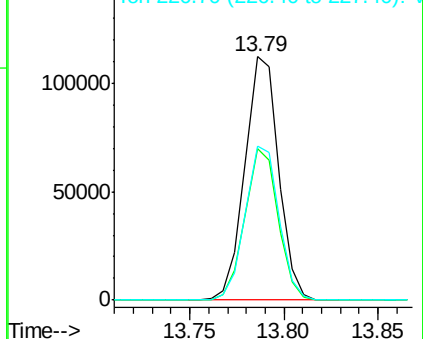
225 100

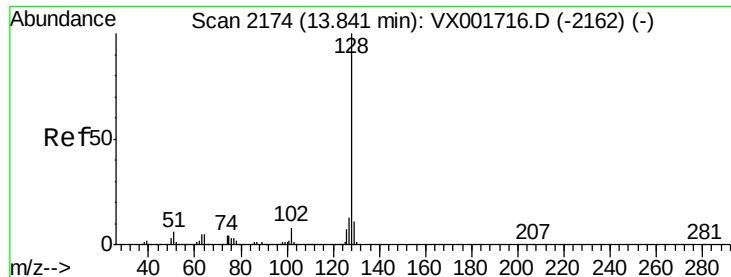
223 61.2 31.1 93.5

227 63.2 31.9 95.5



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

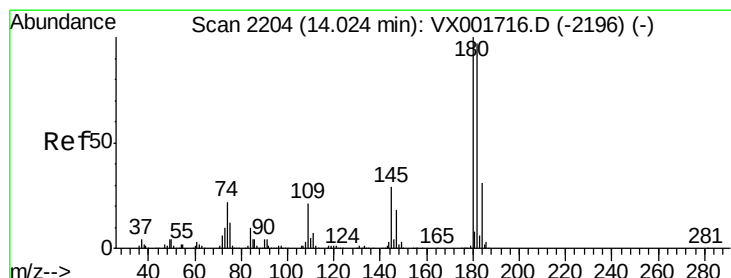
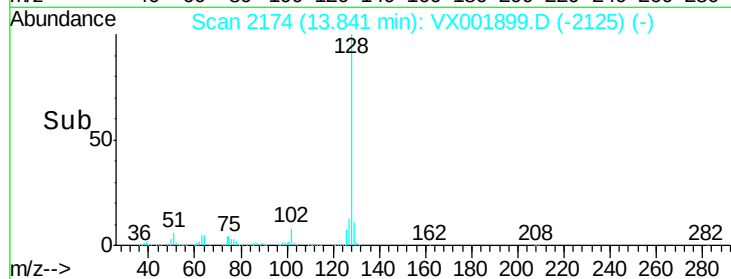
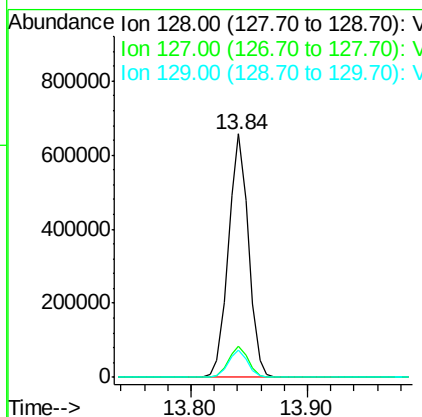
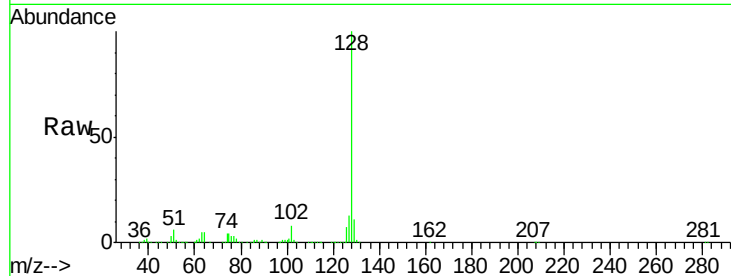




#95
Naphthalene
Concen: 57.63 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 783933
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 52.46 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion:180 Resp: 276412
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.7
145 28.4 14.2 42.8

