

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001901.D
 Acq On : 22 May 2018 18:43
 Operator : JC/MD
 Sample : VX0522WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 01:16:21 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	256420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	180754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181415	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
35) Dibromofluoromethane	5.51	113	151155	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
50) Toluene-d8	8.72	98	546975	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
62) 4-Bromofluorobenzene	11.14	95	177704	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47821	18.58	ug/l	99
3) Chloromethane	1.32	50	55079	19.81	ug/l	99
4) Vinyl Chloride	1.40	62	58553	19.48	ug/l	99
5) Bromomethane	1.64	94	34246	25.52	ug/l	94
6) Chloroethane	1.72	64	43785	23.13	ug/l	97
7) Trichlorofluoromethane	1.93	101	89089	20.40	ug/l	97
8) Diethyl Ether	2.19	74	36599	20.36	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52959	20.15	ug/l	99
10) Methyl Iodide	2.51	142	67720	28.00	ug/l	99
11) Tert butyl alcohol	3.08	59	74439	121.99	ug/l	100
12) 1,1-Dichloroethene	2.37	96	48602	19.18	ug/l	97
13) Acrolein	2.29	56	30211	69.81	ug/l	98
14) Allyl chloride	2.73	41	100259	21.40	ug/l	99
15) Acrylonitrile	3.15	53	176846	115.39	ug/l	99
16) Acetone	2.45	43	160652	119.01	ug/l	98
17) Carbon Disulfide	2.57	76	103539	15.66	ug/l	99
18) Methyl Acetate	2.78	43	102584	25.99	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	184018	21.54	ug/l	99
20) Methylene Chloride	2.86	84	58268	20.16	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	53385	19.12	ug/l	97
22) Diisopropyl ether	3.88	45	194147	21.60	ug/l	99
23) Vinyl Acetate	3.83	43	655663	101.26	ug/l	98
24) 1,1-Dichloroethane	3.70	63	104111	21.12	ug/l	99
25) 2-Butanone	4.72	43	261130	126.35	ug/l	100
26) 2,2-Dichloropropane	4.59	77	74548	18.79	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	66582	20.96	ug/l	97
28) Bromochloromethane	5.03	49	55079	25.16	ug/l	98
29) Tetrahydrofuran	5.18	42	166335	123.47	ug/l	97
30) Chloroform	5.22	83	113431	21.91	ug/l	97
31) Cyclohexane	5.57	56	86628	20.05	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	97423	21.78	ug/l	99
36) 1,1-Dichloropropene	5.80	75	76040	19.55	ug/l	99
37) Ethyl Acetate	4.88	43	95594	23.58	ug/l	99
38) Carbon Tetrachloride	5.79	117	85688	21.03	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87433	19.24	ug/l	97
40) Benzene	6.15	78	240625	21.00	ug/l	100
41) Methacrylonitrile	5.07	41	54649	23.31	ug/l	98
42) 1,2-Dichloroethane	6.21	62	91319	22.03	ug/l	100
43) Isopropyl Acetate	6.48	43	141270	22.27	ug/l	100
44) Trichloroethene	7.22	130	72451	20.37	ug/l	96
45) 1,2-Dichloropropane	7.52	63	62594	22.26	ug/l	100
46) Dibromomethane	7.67	93	42057	21.30	ug/l	100
47) Bromodichloromethane	7.91	83	81783	22.32	ug/l	97
48) Methyl methacrylate	7.79	41	75766	22.69	ug/l	99
49) 1,4-Dioxane	7.77	88	33051	514.02	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	501871	124.82	ug/l	98
52) Toluene	8.79	92	155947	21.18	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	90678	21.03	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	74924	19.72	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	61002	21.67	ug/l	97
56) Ethyl methacrylate	9.19	69	83059	20.81	ug/l	98
57) 1,3-Dichloropropane	9.38	76	99024	21.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	230947	112.47	ug/l	98
59) 2-Hexanone	9.51	43	349604	121.47	ug/l	98
60) Dibromochloromethane	9.59	129	61337	21.28	ug/l	100
61) 1,2-Dibromoethane	9.68	107	62626	21.25	ug/l	99
64) Tetrachloroethene	9.34	164	75685	20.27	ug/l	97
65) Chlorobenzene	10.15	112	163719	20.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	62090	22.28	ug/l	99
67) Ethyl Benzene	10.26	91	260260	20.64	ug/l	99
68) m/p-Xylenes	10.37	106	207226	41.65	ug/l	98
69) o-Xylene	10.71	106	101401	21.28	ug/l	98
70) Styrene	10.72	104	167952	21.37	ug/l	100
71) Bromoform	10.87	173	48378	20.49	ug/l	99
73) Isopropylbenzene	11.02	105	277388	23.30	ug/l	99
74) N-amyl acetate	6.48	43	141270	24.75	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	87393	24.47	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	100961	29.37	ug/l	88
77) Bromobenzene	11.26	156	79581	22.75	ug/l	99
78) n-propylbenzene	11.37	91	298537	22.26	ug/l	99
79) 2-Chlorotoluene	11.43	91	183555	22.89	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	226122	23.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20732	20.09	ug/l	88
82) 4-Chlorotoluene	11.52	91	209215	22.14	ug/l	99
83) tert-Butylbenzene	11.77	119	232696	23.94	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	234032	23.14	ug/l	100
85) sec-Butylbenzene	11.95	105	271917	22.67	ug/l	100
86) p-Isopropyltoluene	12.07	119	246440	22.20	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	138441	21.40	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	141351	21.13	ug/l	100
89) n-Butylbenzene	12.40	91	186342	19.41	ug/l	99
90) Hexachloroethane	12.60	117	39664	23.01	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	145028	22.50	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19474	25.55	ug/l	95

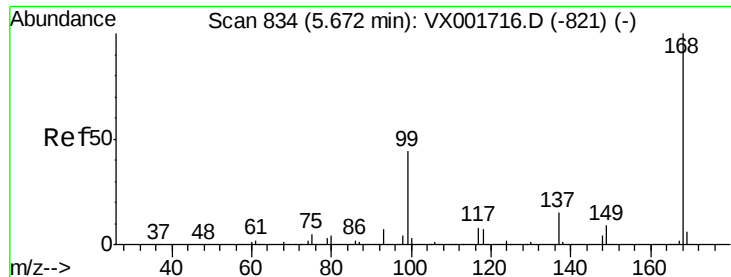
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	100685	19.60	ug/l	100
94) Hexachlorobutadiene	13.79	225	55510	20.13	ug/l	99
95) Naphthalene	13.84	128	300527	22.50	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	108374	20.95	ug/l	99

(#) = 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: VX001901.D

Acq: 22 May 2018 18:43

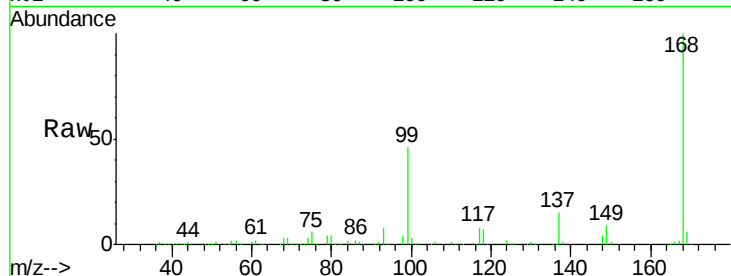
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 256420

Ion Ratio Lower Upper

168 100

99 45.6 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

100000

80000

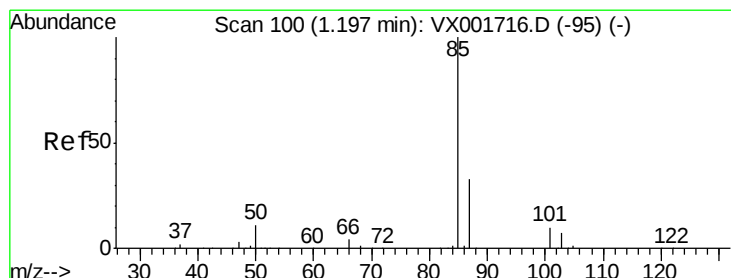
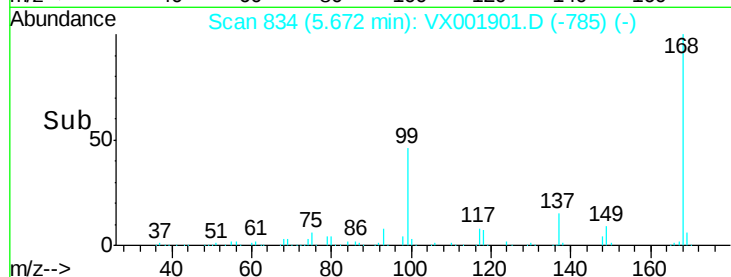
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.58 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001901.D

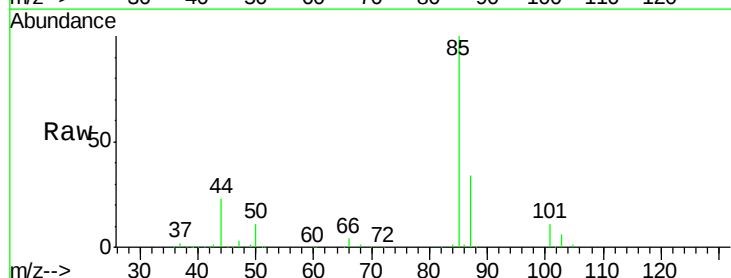
Acq: 22 May 2018 18:43

Tgt Ion: 85 Resp: 47821

Ion Ratio Lower Upper

85 100

87 33.6 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

50000

40000

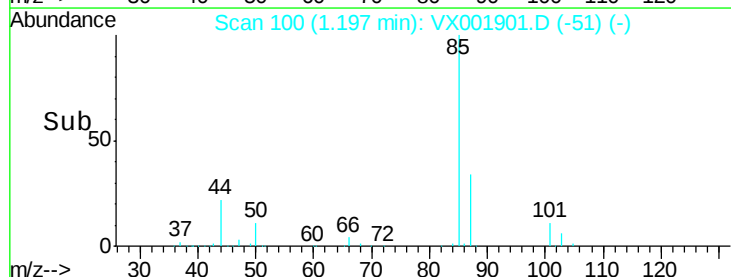
30000

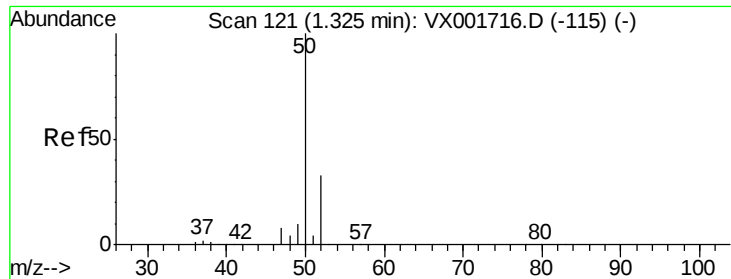
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.81 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

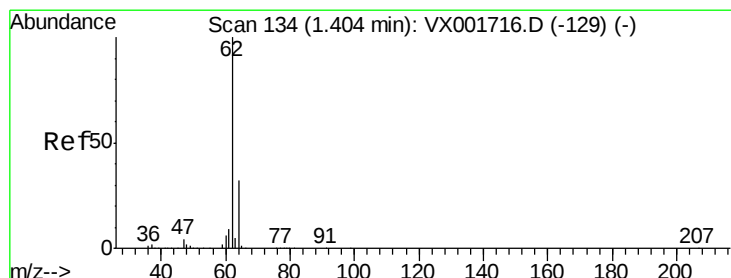
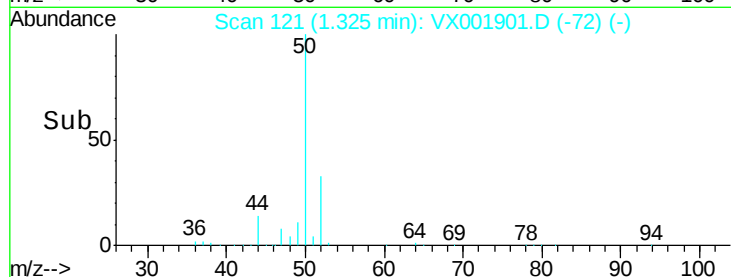
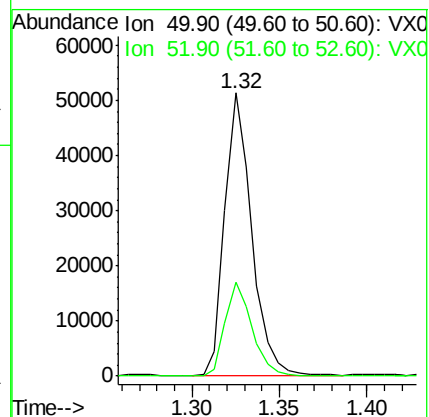
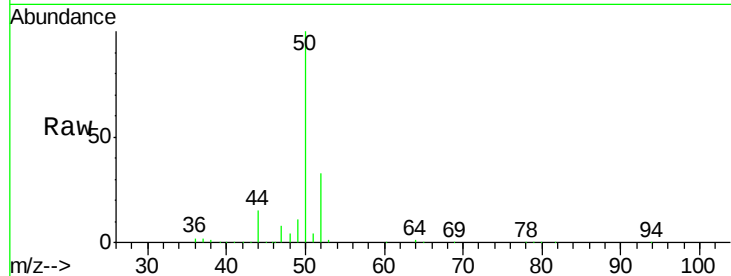
ClientSampleId :

Tot Ion: 50 Resp: 55079

Ion Ratio Lower Upper

50 100

52 33.2 26.3 39.5



#4

Vinyl Chloride

Concen: 19.48 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001901.D

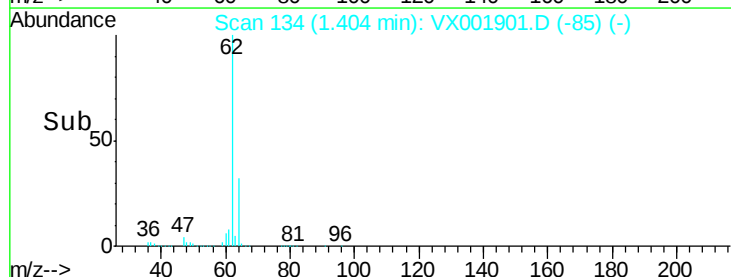
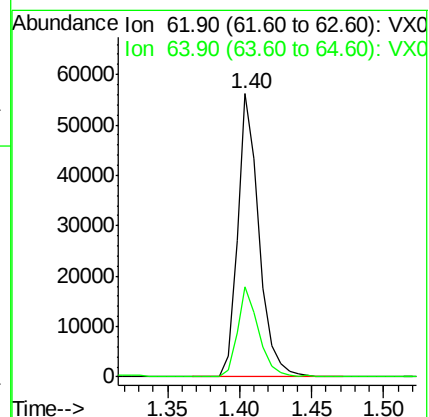
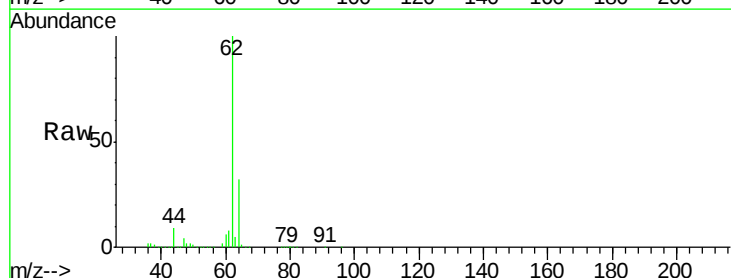
Acq: 22 May 2018 18:43

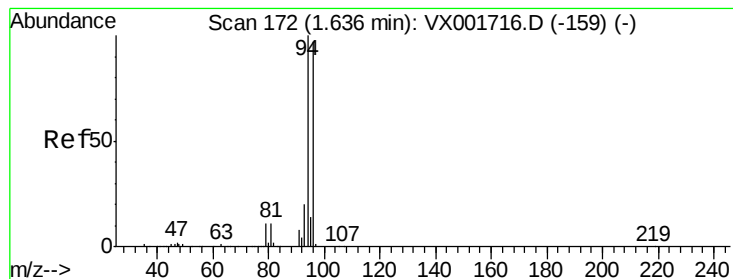
Tgt Ion: 62 Resp: 58553

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4





#5

Bromomethane

Concen: 25.52 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

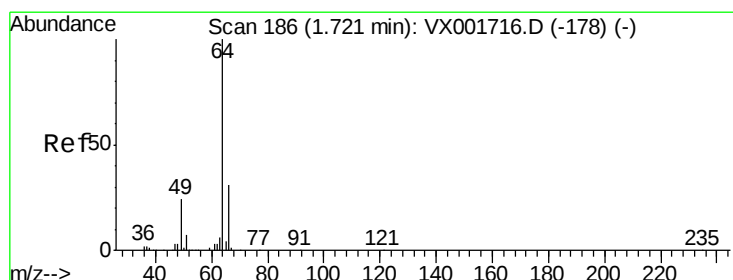
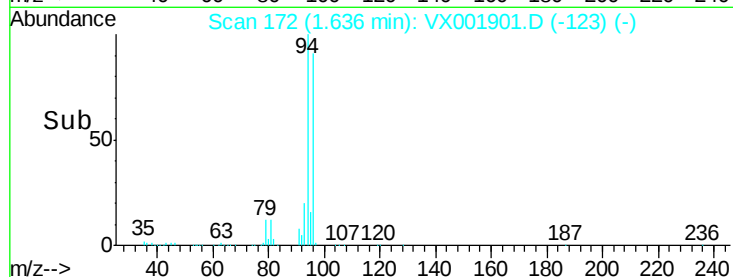
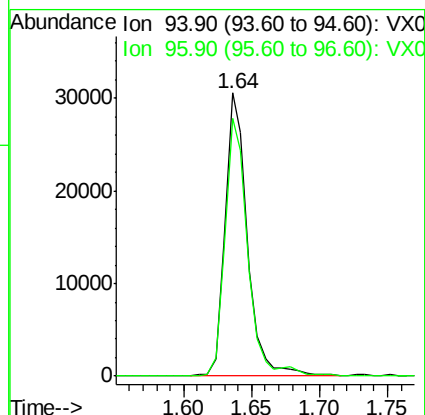
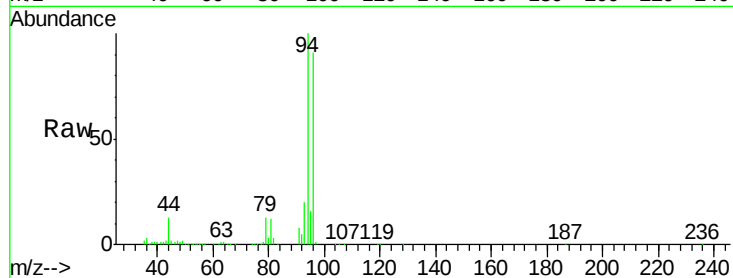
ClientSampleId :

Tot Ion: 94 Resp: 34246

Ion Ratio Lower Upper

94 100

96 91.1 77.4 116.0



#6

Chloroethane

Concen: 23.13 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001901.D

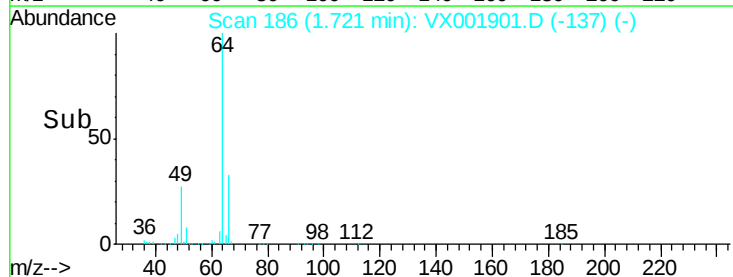
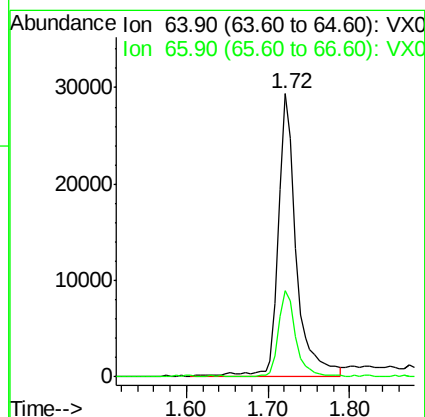
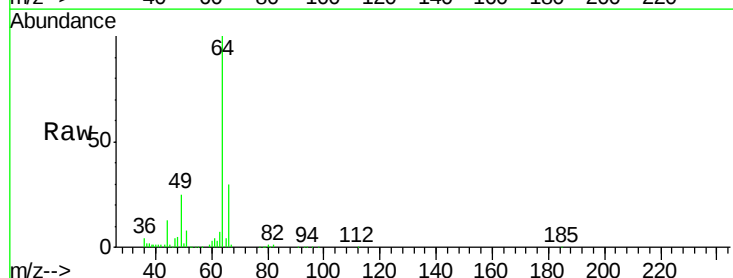
Acq: 22 May 2018 18:43

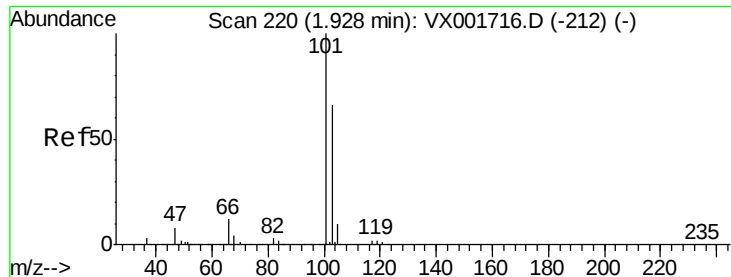
Tgt Ion: 64 Resp: 43785

Ion Ratio Lower Upper

64 100

66 30.0 25.2 37.8



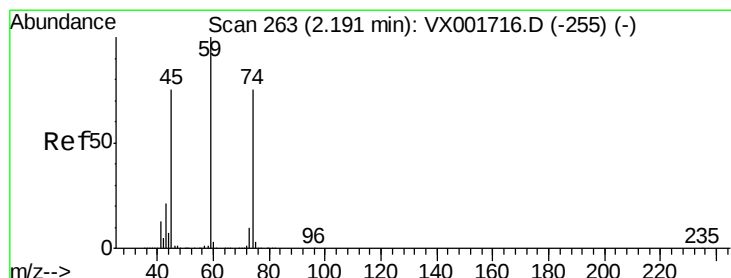
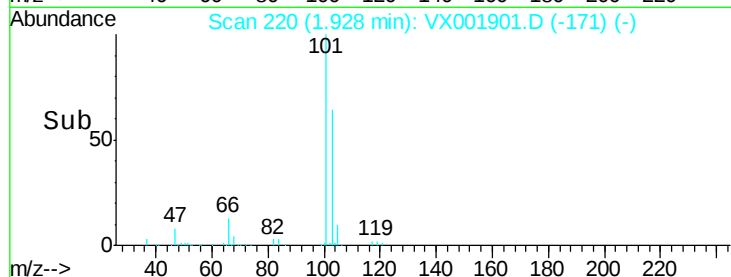
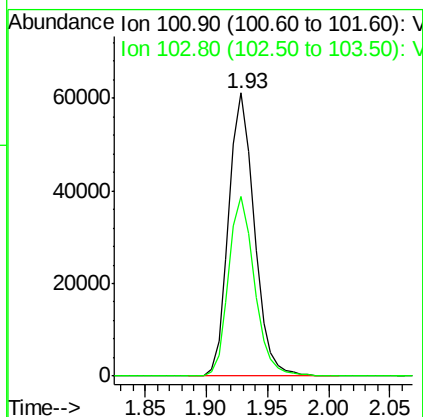
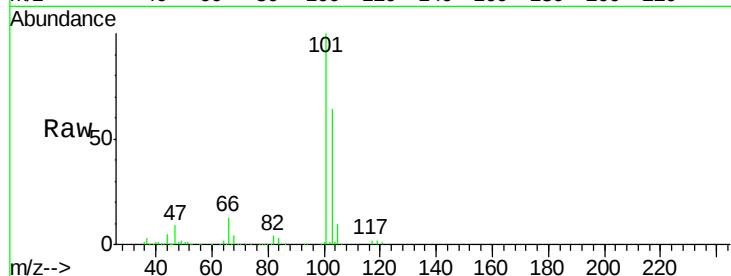


#7

Trichlorofluoromethane
 Concen: 20.40 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :

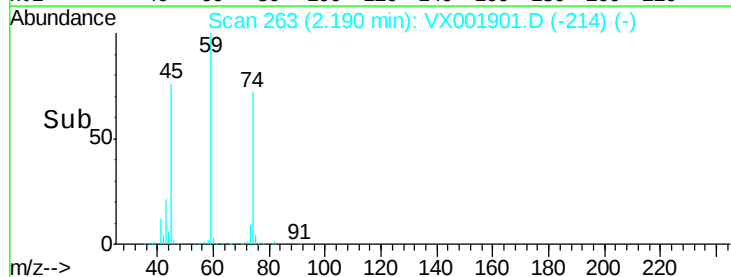
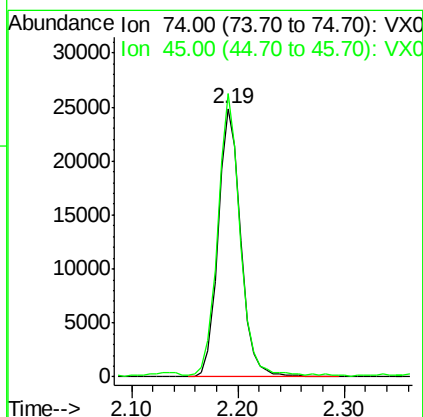
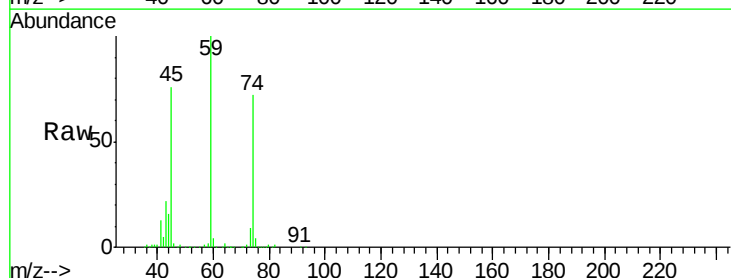
Tot Ion:101 Resp: 89089
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.6 78.8

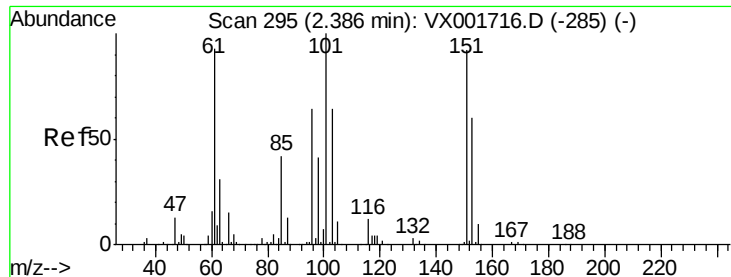


#8

Diethyl Ether
 Concen: 20.36 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion: 74 Resp: 36599
 Ion Ratio Lower Upper
 74 100
 45 104.1 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.15 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampled :

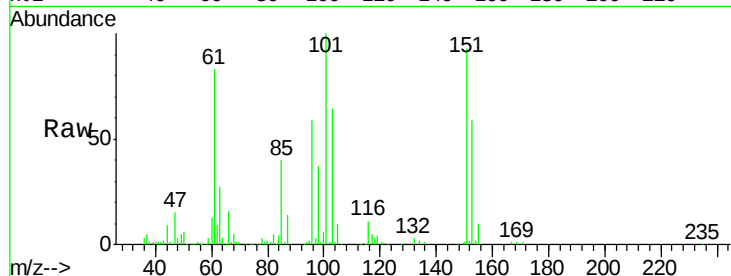
Tot Ion:101 Resp: 52959

Ion Ratio Lower Upper

101 100

85 43.5 33.7 50.5

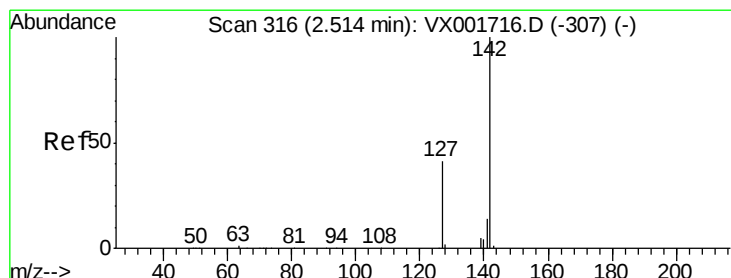
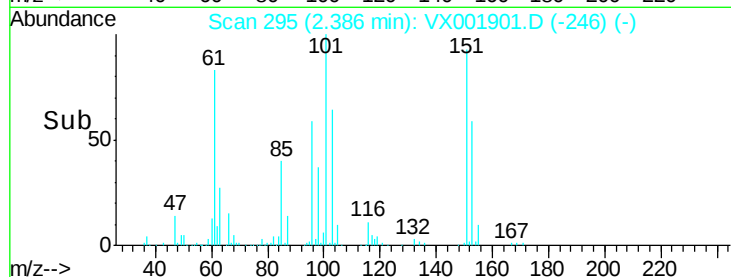
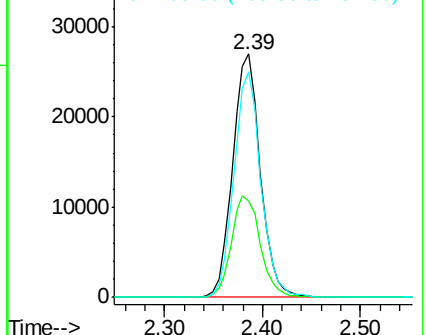
151 90.3 73.0 109.6



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: 28.00 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

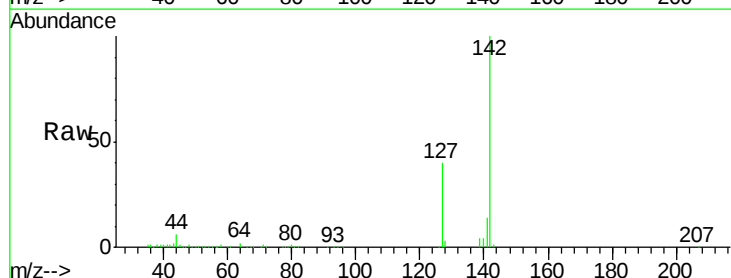
Tgt Ion:142 Resp: 67720

Ion Ratio Lower Upper

142 100

127 41.0 32.5 48.7

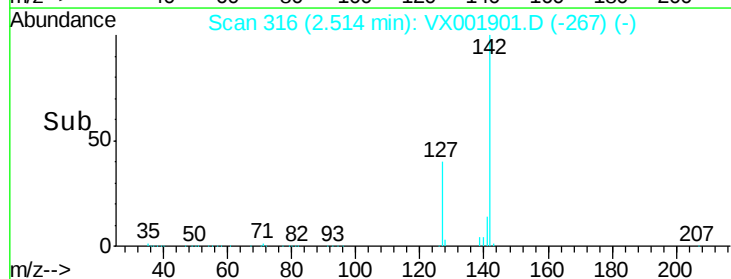
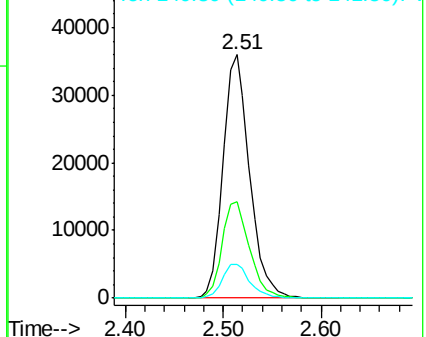
141 14.5 11.4 17.0

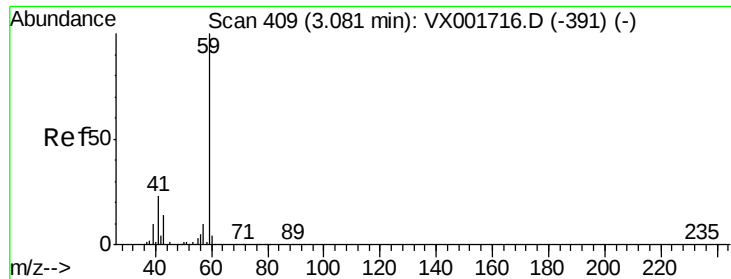


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

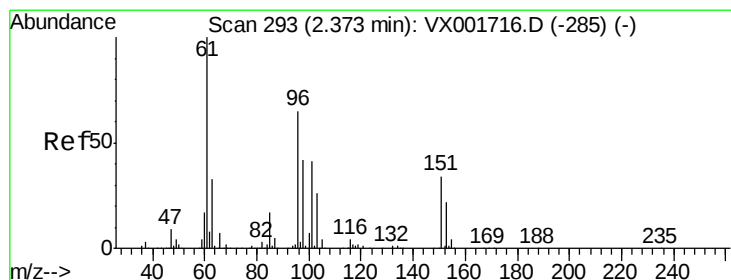
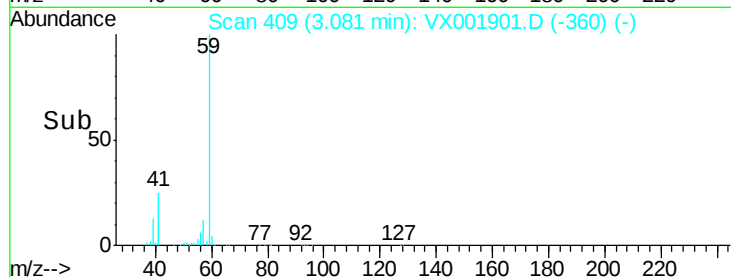
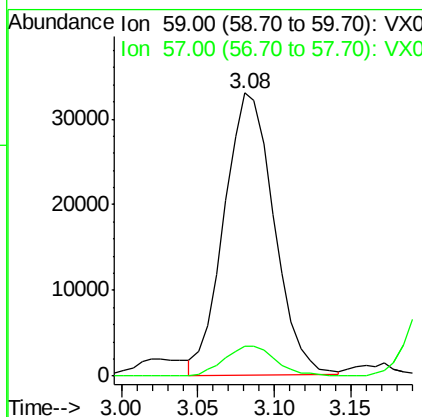
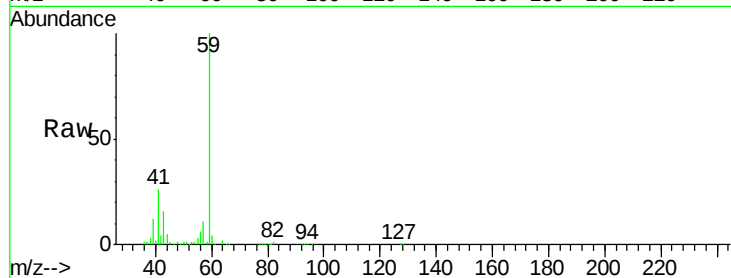




#11
Tert butyl alcohol
Concen: 121.99 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

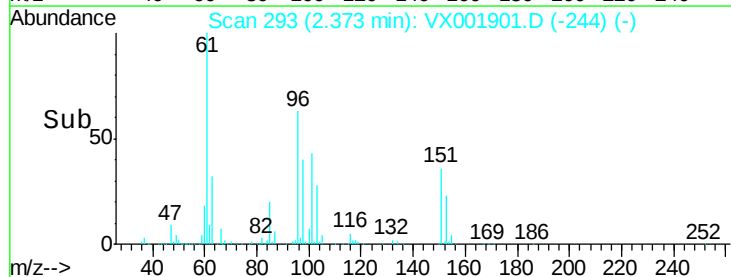
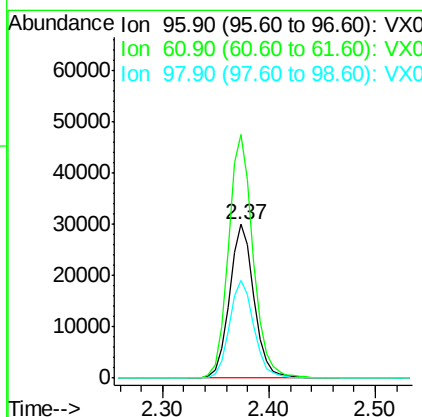
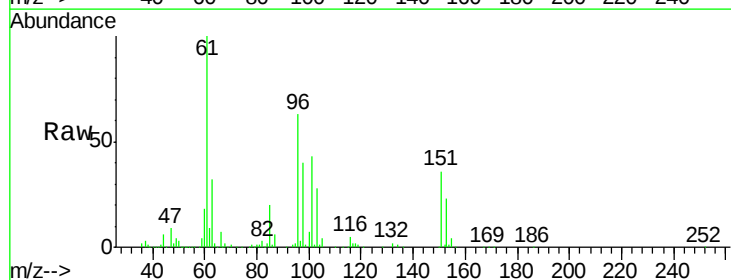
Instrument :
MSVOA_X
ClientSampleId :

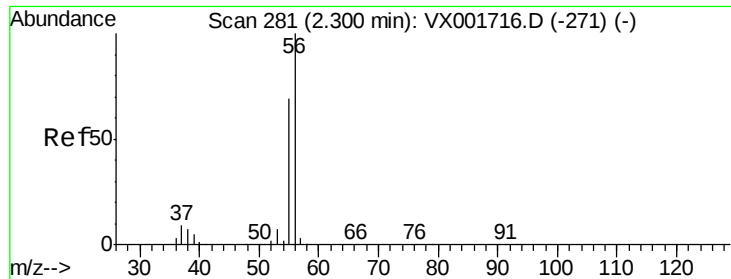
Tot Ion: 59 Resp: 74439
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7



#12
1,1-Dichloroethene
Concen: 19.18 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion: 96 Resp: 48602
Ion Ratio Lower Upper
96 100
61 158.4 122.2 183.2
98 63.4 51.4 77.0





#13

Acrolein

Concen: 69.81 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

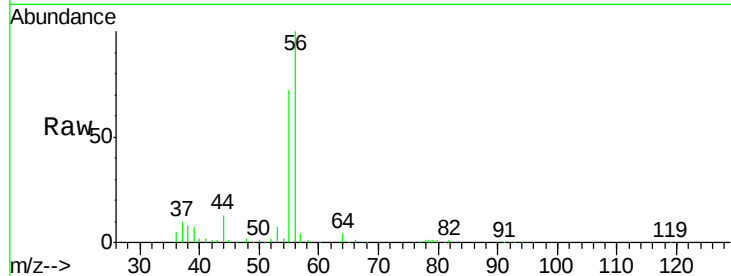
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 30211

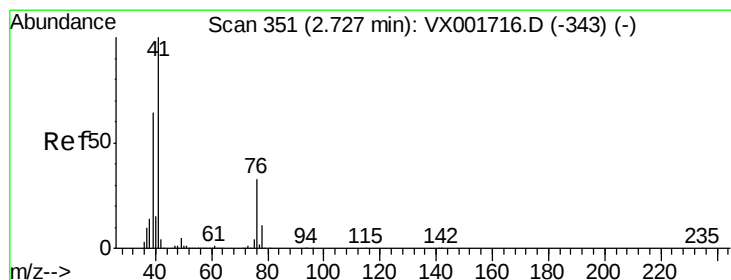
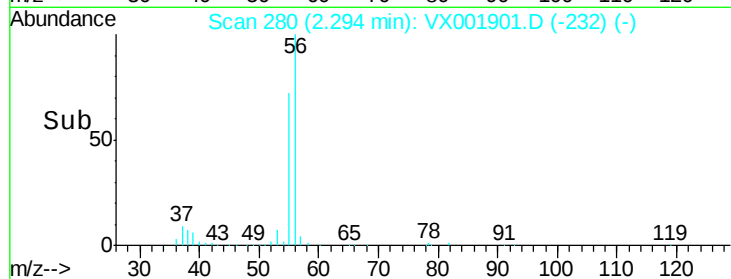
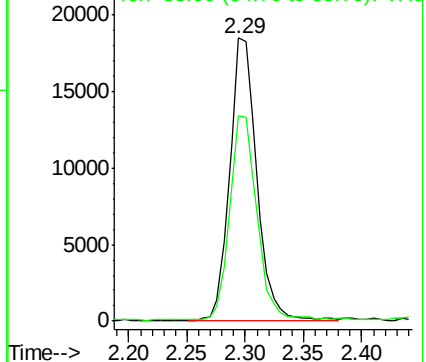
Ion Ratio Lower Upper

56 100

55 71.8 56.2 84.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 21.40 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

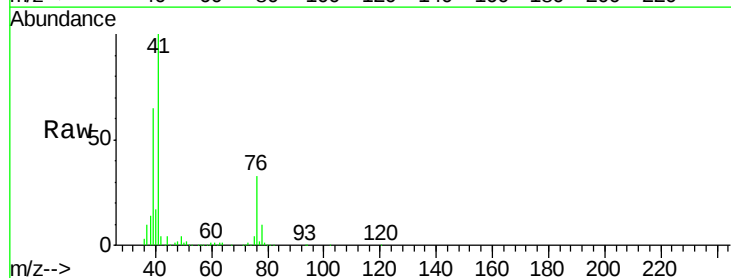
Tgt Ion: 41 Resp: 100259

Ion Ratio Lower Upper

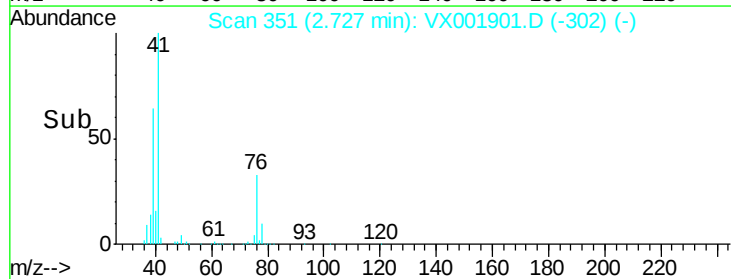
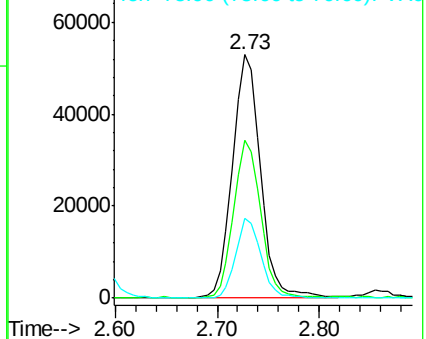
41 100

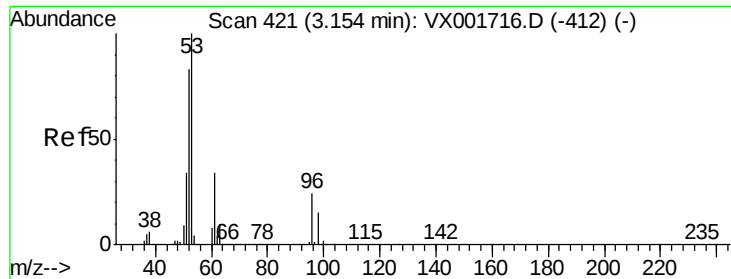
39 62.1 49.8 74.6

76 30.0 25.8 38.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 115.39 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

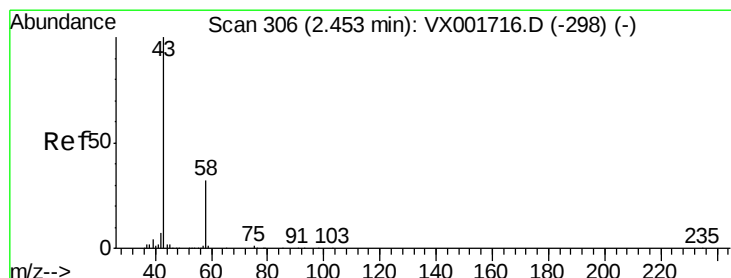
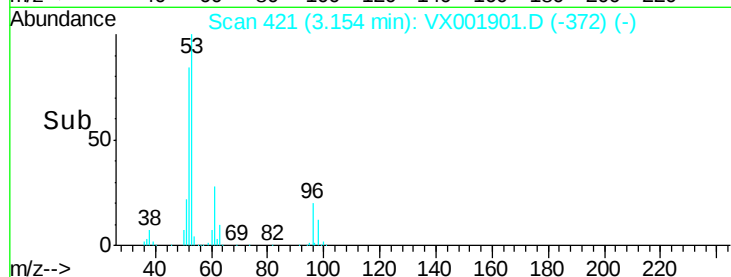
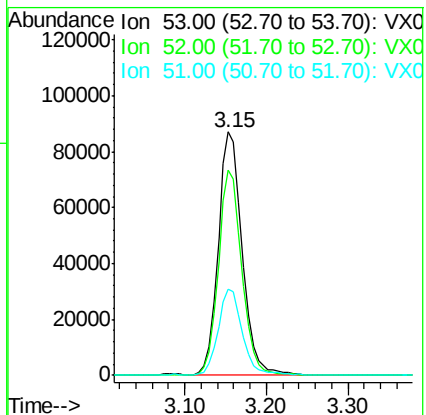
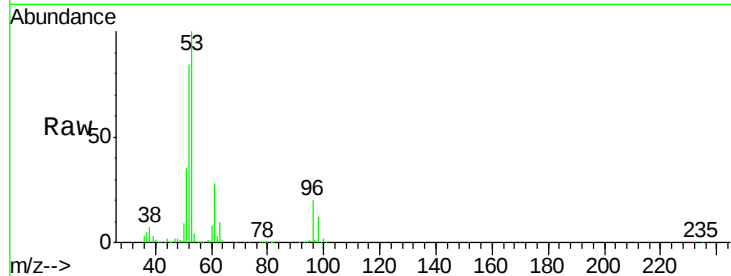
Tot Ion: 53 Resp: 176846

Ion Ratio Lower Upper

53 100

52 82.5 65.6 98.4

51 36.2 28.1 42.1



#16

Acetone

Concen: 119.01 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001901.D

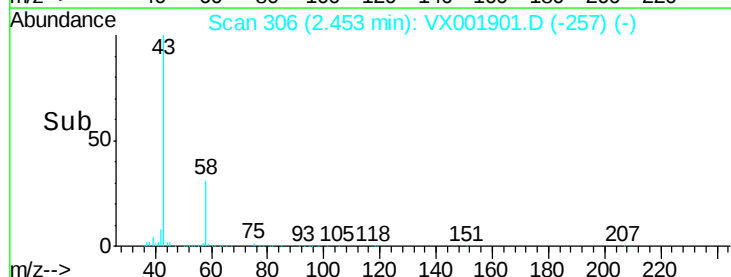
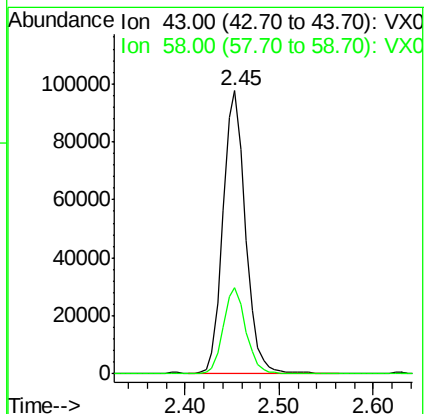
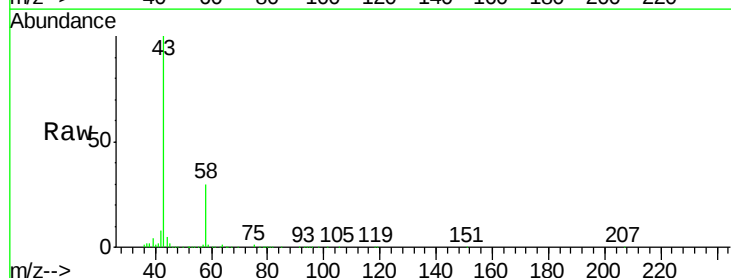
Acq: 22 May 2018 18:43

Tgt Ion: 43 Resp: 160652

Ion Ratio Lower Upper

43 100

58 30.5 25.3 37.9

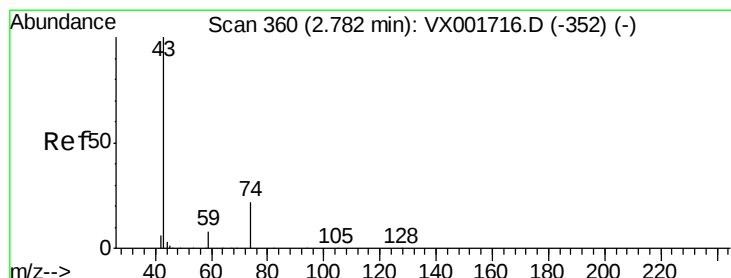
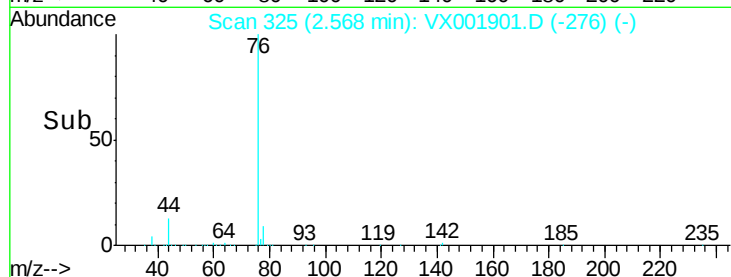
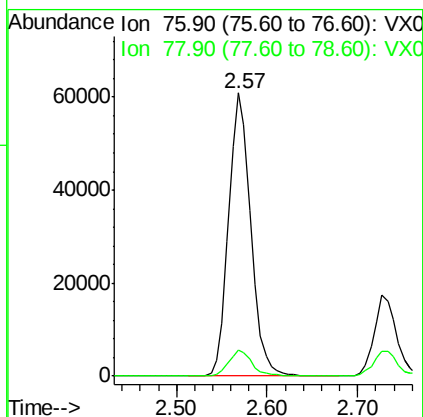
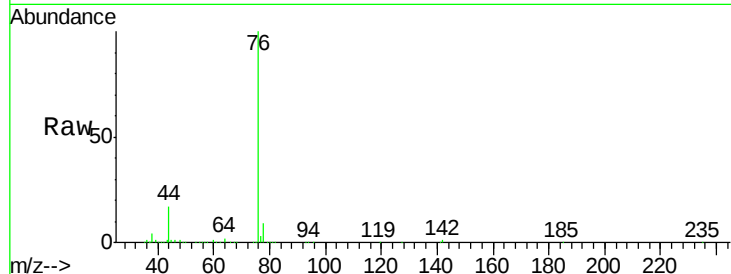




#17
Carbon Disulfide
Concen: 15.66 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

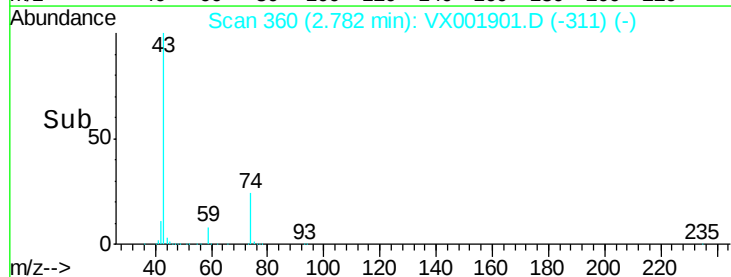
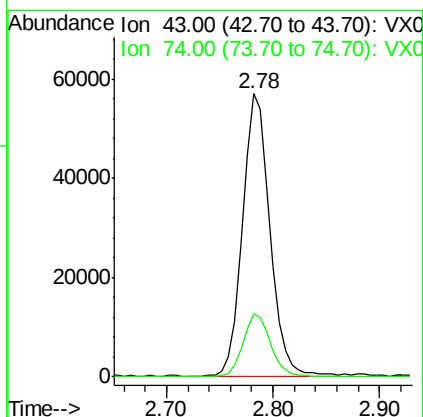
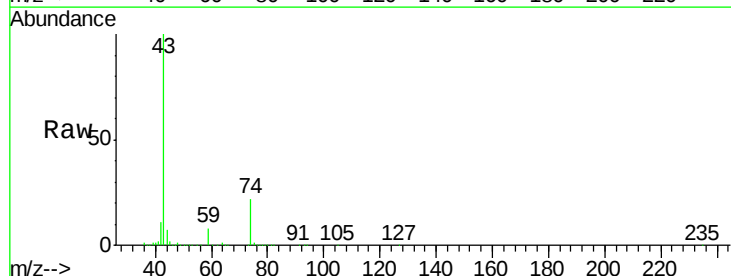
Instrument :
MSVOA_X
ClientSampleId :

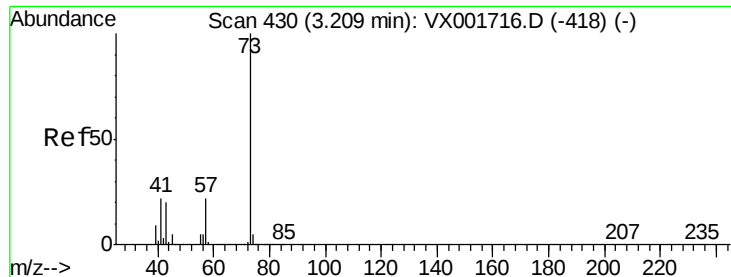
Tot Ion: 76 Resp: 103539
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 25.99 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion: 43 Resp: 102584
Ion Ratio Lower Upper
43 100
74 21.9 18.2 27.2



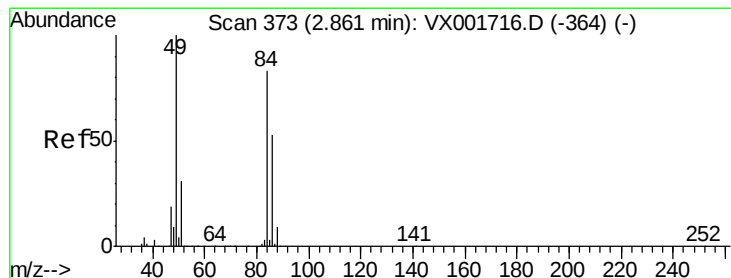
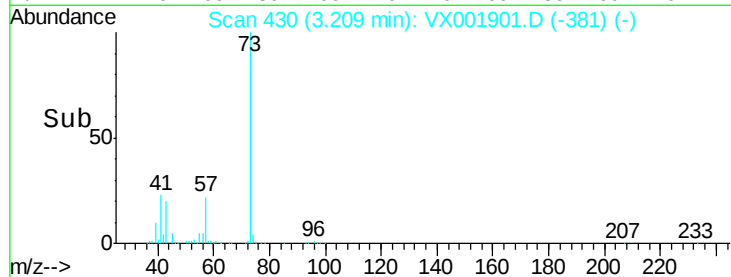
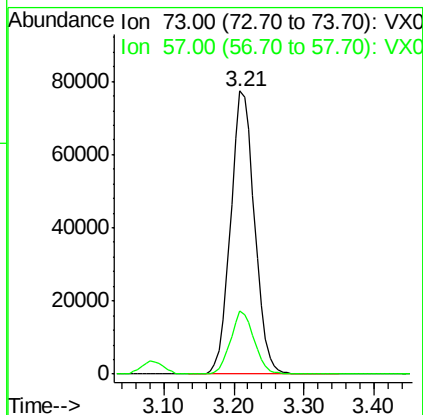
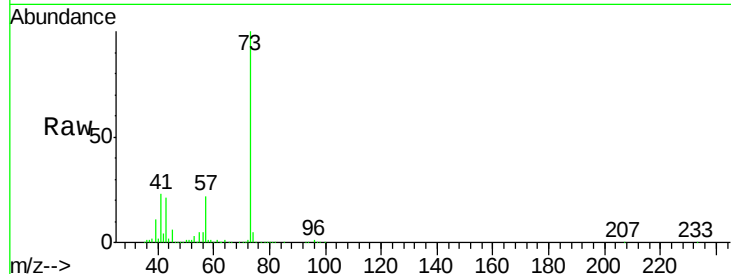


#19

Methyl tert-butyl Ether
 Concen: 21.54 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :

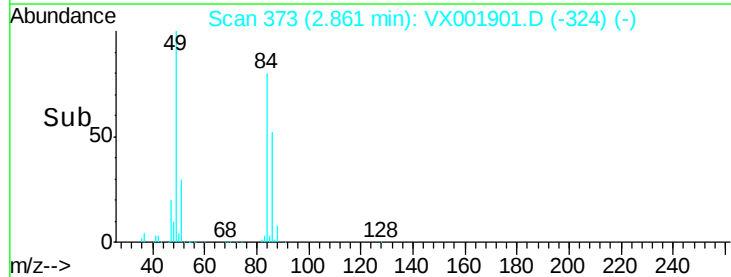
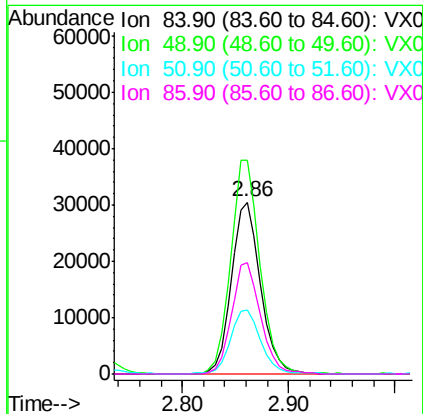
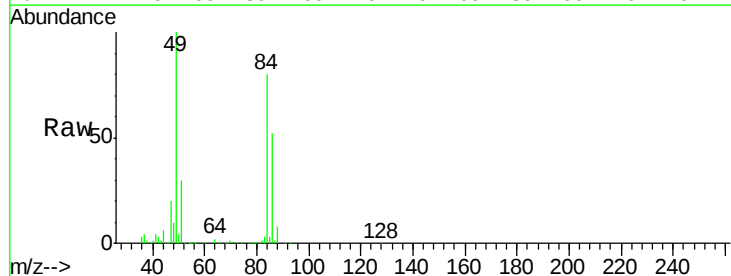
Tot Ion: 73 Resp: 184018
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.5 26.3

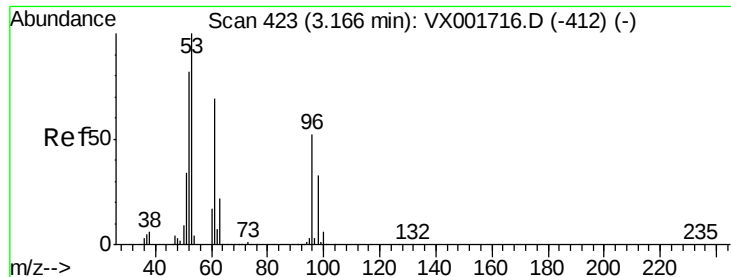


#20

Methylene Chloride
 Concen: 20.16 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion: 84 Resp: 58268
 Ion Ratio Lower Upper
 84 100
 49 124.5 96.3 144.5
 51 37.2 29.8 44.6
 86 64.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.12 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampled :

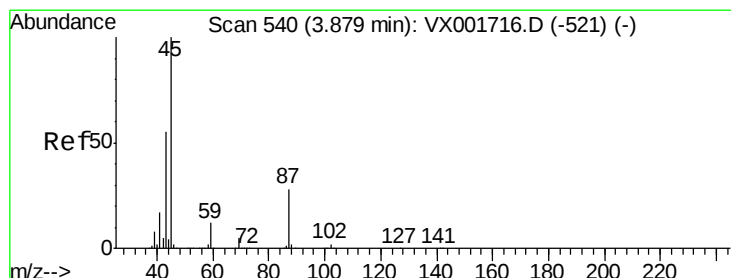
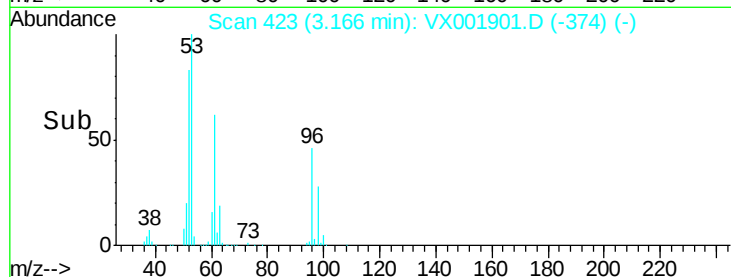
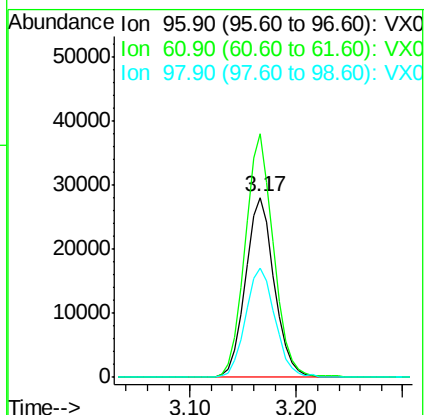
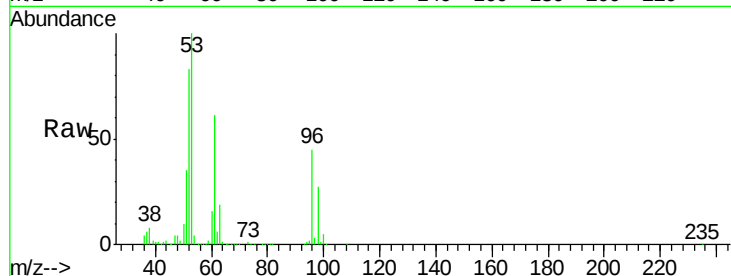
Tot Ion: 96 Resp: 53385

Ion Ratio Lower Upper

96 100

61 135.1 105.8 158.8

98 60.4 50.2 75.4



#22

Diisopropyl ether

Concen: 21.60 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Tgt Ion: 45 Resp: 194147

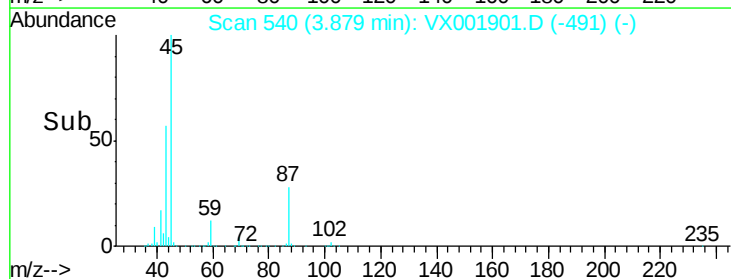
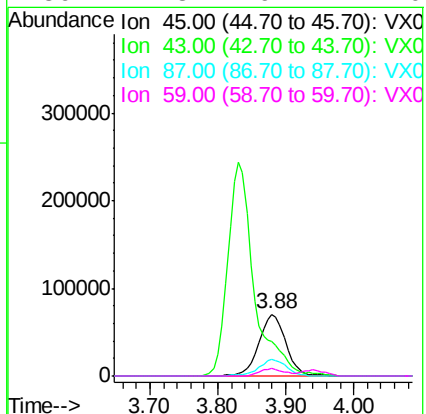
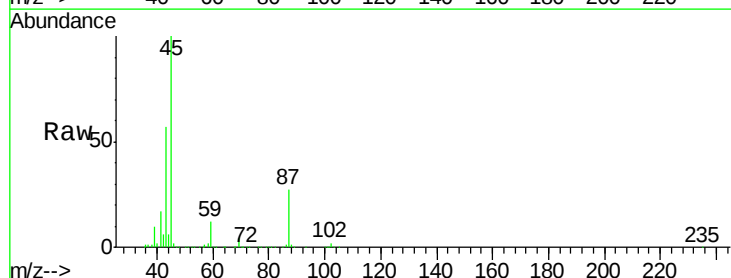
Ion Ratio Lower Upper

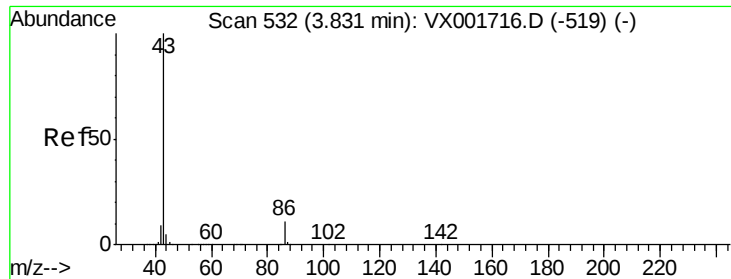
45 100

43 56.7 44.3 66.5

87 27.5 22.6 33.8

59 11.8 9.4 14.0





#23

Vinyl Acetate

Concen: 101.26 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

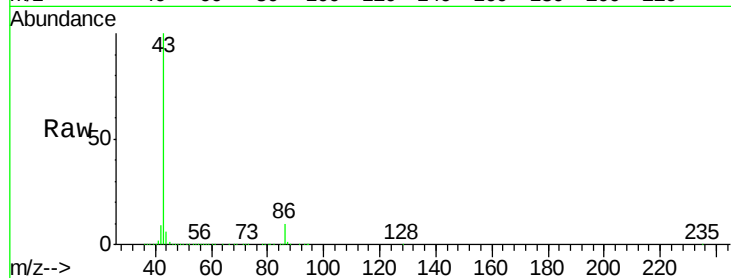
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 655663

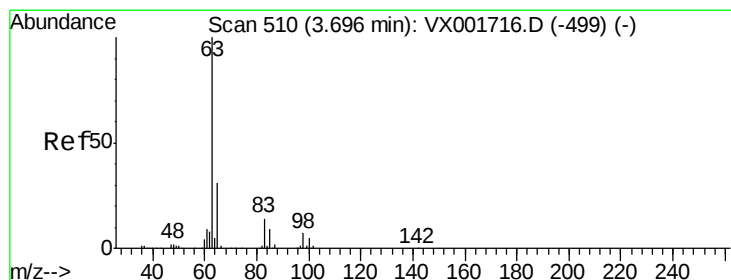
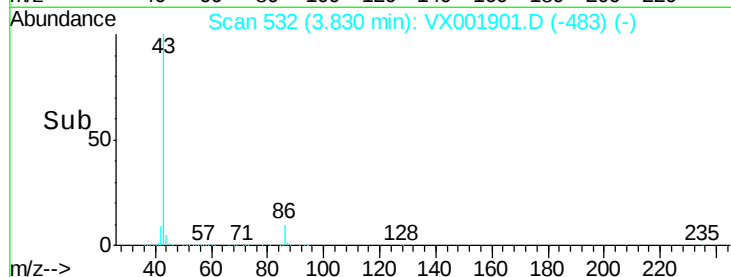
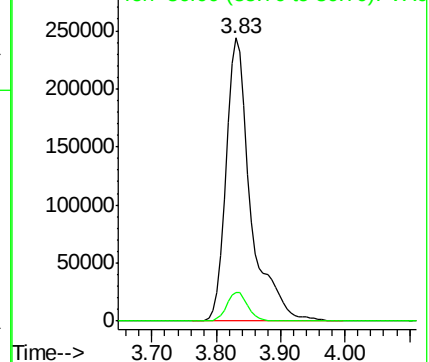
Ion Ratio Lower Upper

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: 21.12 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

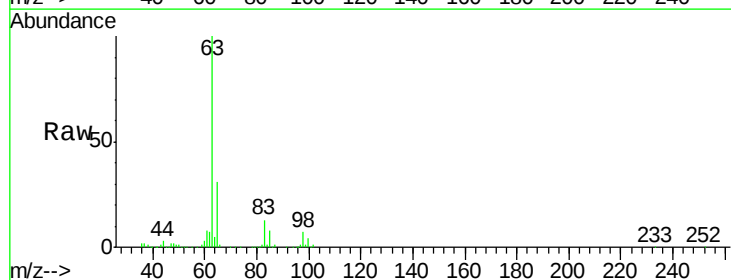
Tgt Ion: 63 Resp: 104111

Ion Ratio Lower Upper

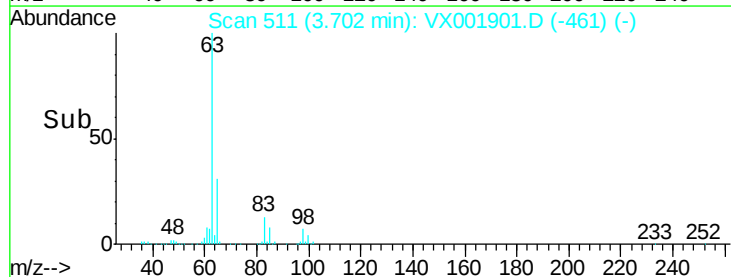
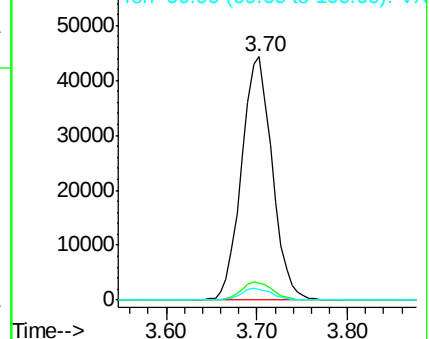
63 100

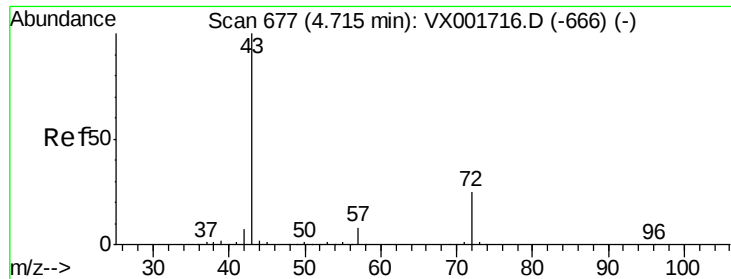
98 7.1 3.7 11.1

100 4.5 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: 126.35 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

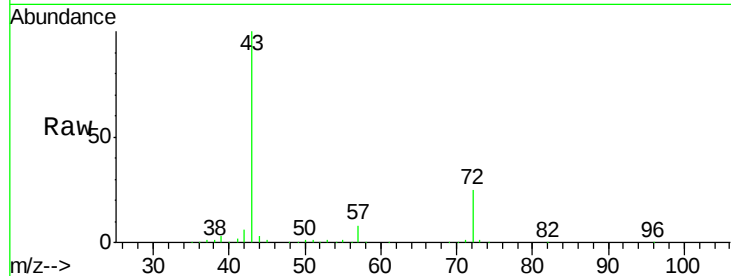
ClientSampled :

Tot Ion: 43 Resp: 261130

Ion Ratio Lower Upper

43 100

72 24.9 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.72

100000

80000

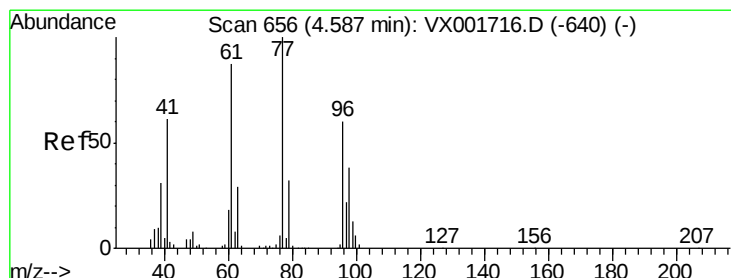
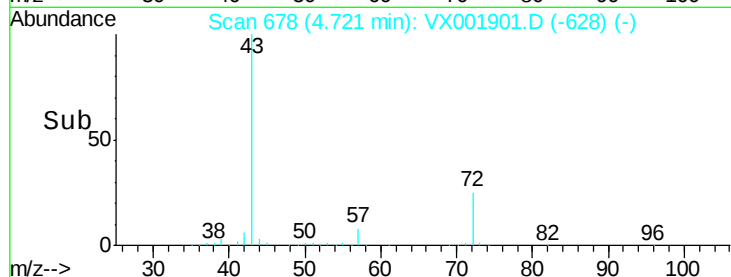
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 18.79 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001901.D

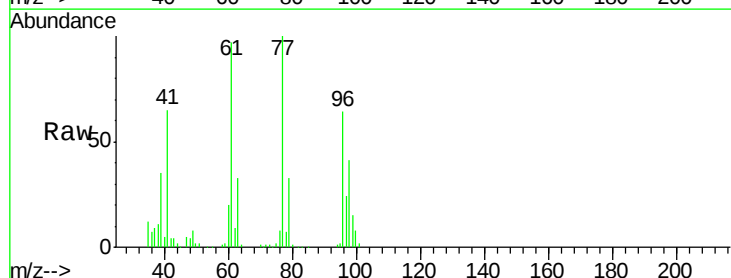
Acq: 22 May 2018 18:43

Tgt Ion: 77 Resp: 74548

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

25000

20000

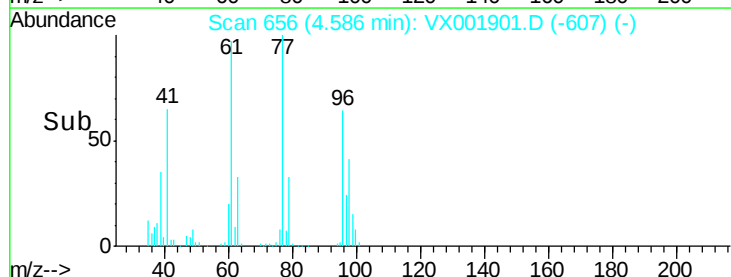
15000

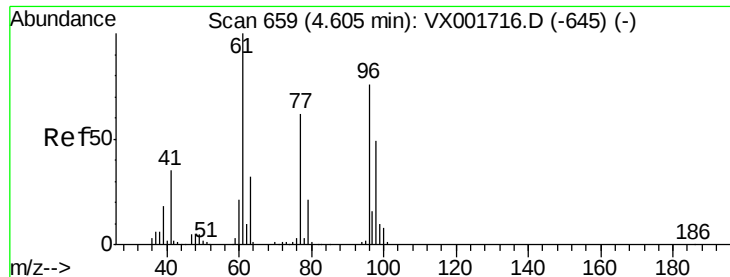
10000

5000

0

Time-->



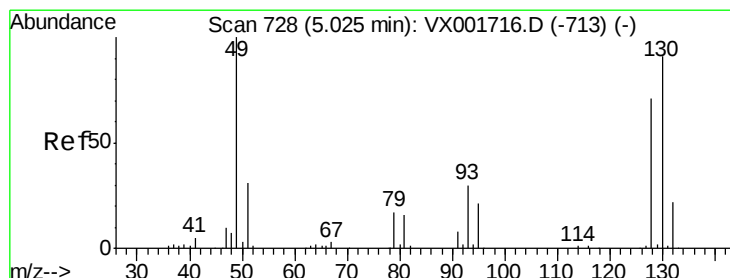
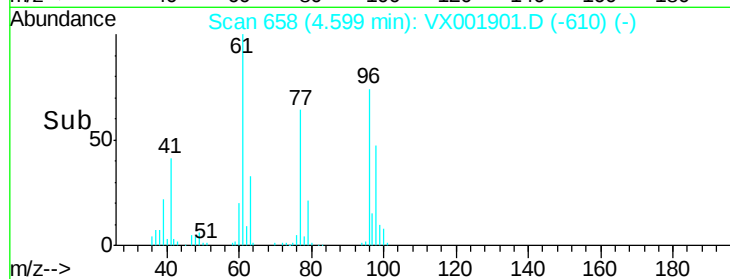
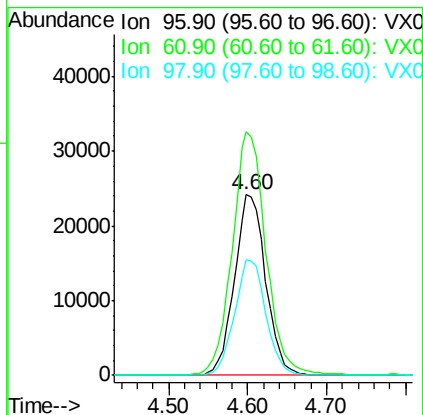
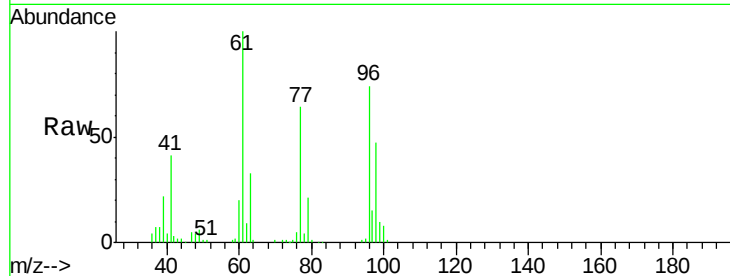


#27

cis-1,2-Dichloroethene
 Concen: 20.96 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :

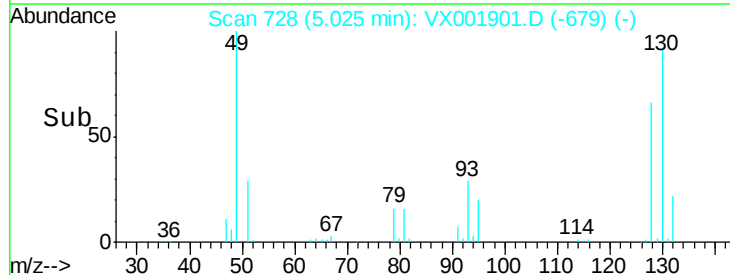
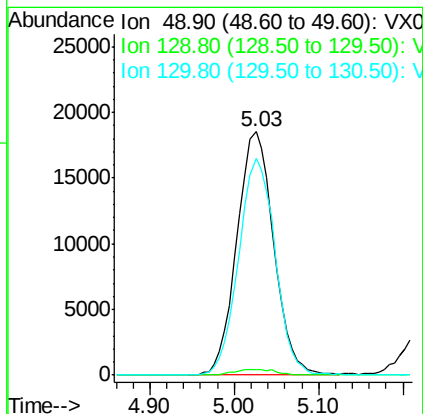
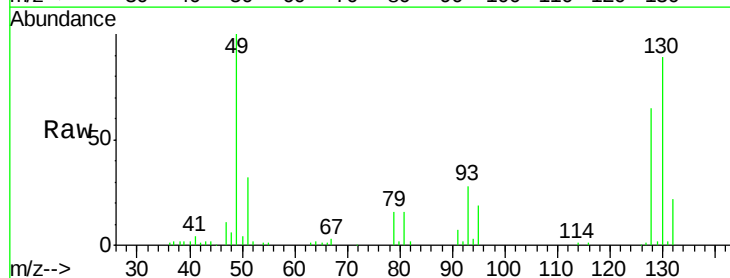
Tot Ion: 96 Resp: 66582
 Ion Ratio Lower Upper
 96 100
 61 145.6 0.0 280.4
 98 64.3 0.0 128.4

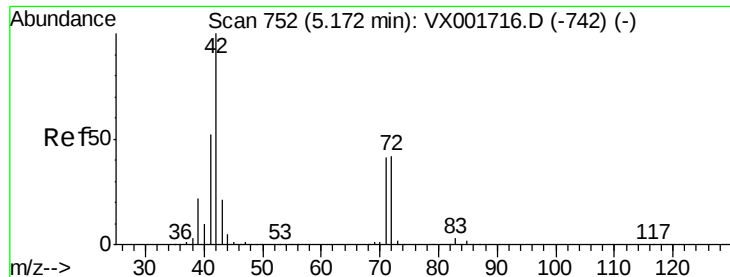


#28

Bromochloromethane
 Concen: 25.16 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion: 49 Resp: 55079
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.0
 130 88.0 71.8 107.6





#29

Tetrahydrofuran

Concen: 123.47 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

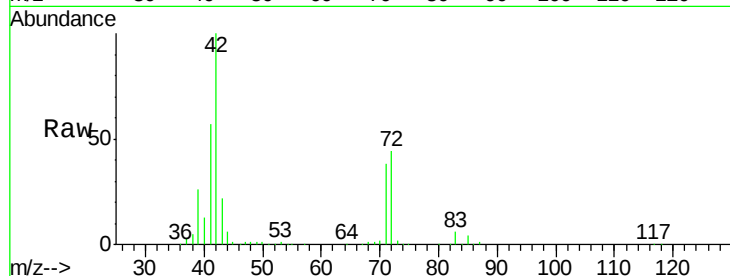
Tot Ion: 42 Resp: 166335

Ion Ratio Lower Upper

42 100

72 42.6 35.4 53.2

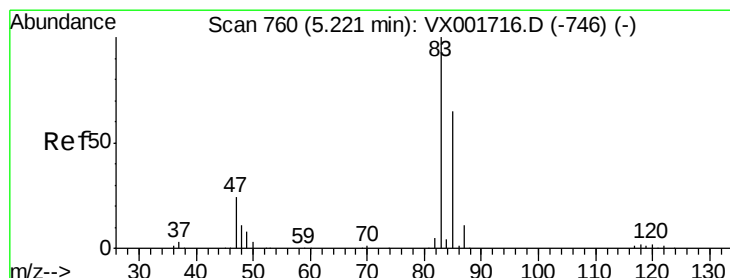
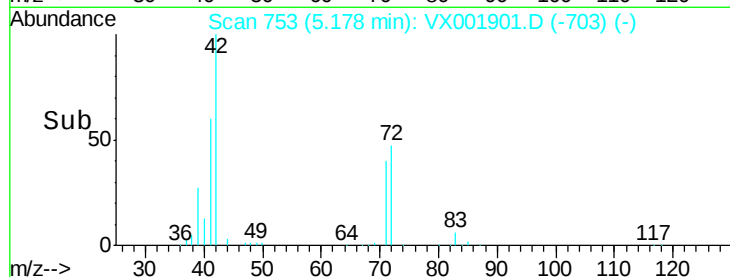
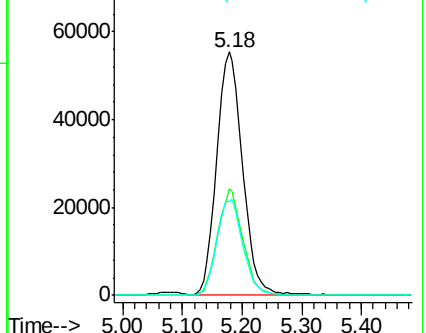
71 39.7 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 21.91 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001901.D

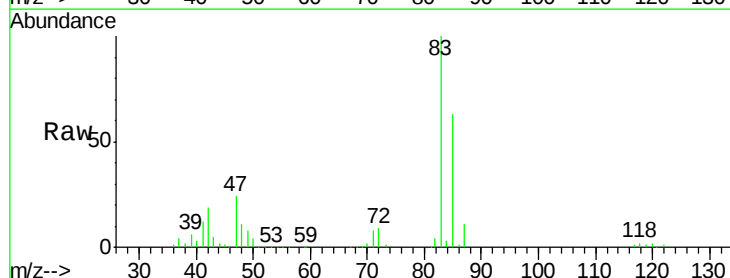
Acq: 22 May 2018 18:43

Tgt Ion: 83 Resp: 113431

Ion Ratio Lower Upper

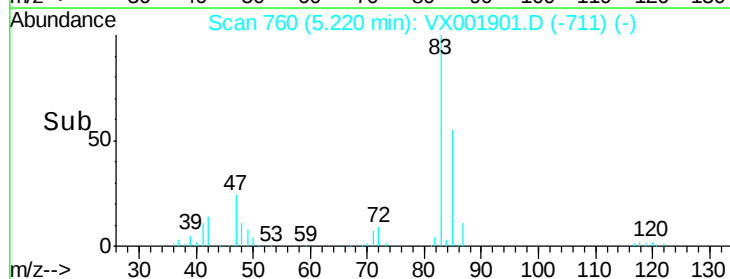
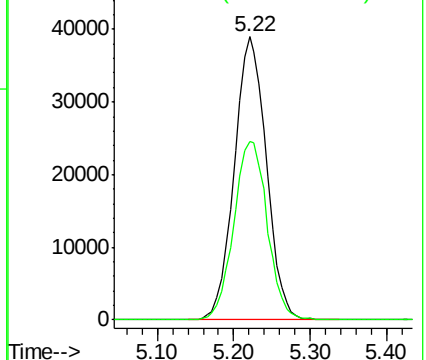
83 100

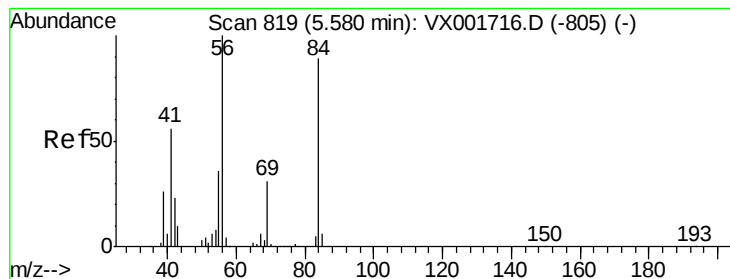
85 63.0 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 20.05 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

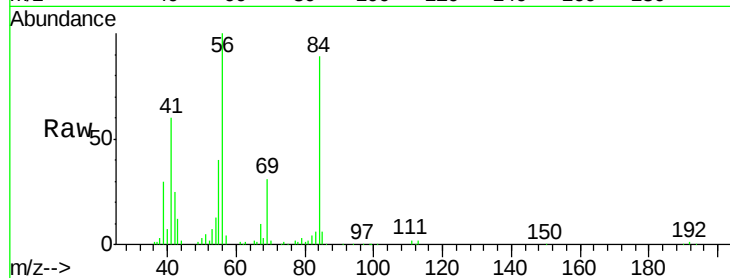
Tot Ion: 56 Resp: 86628

Ion Ratio Lower Upper

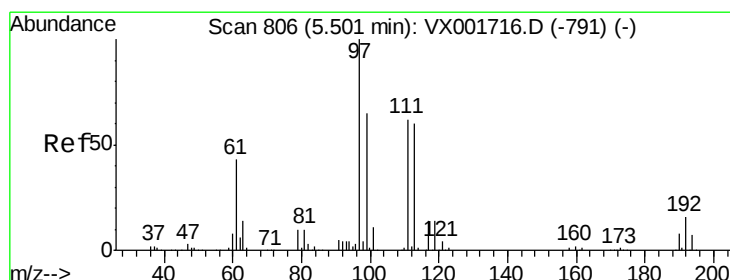
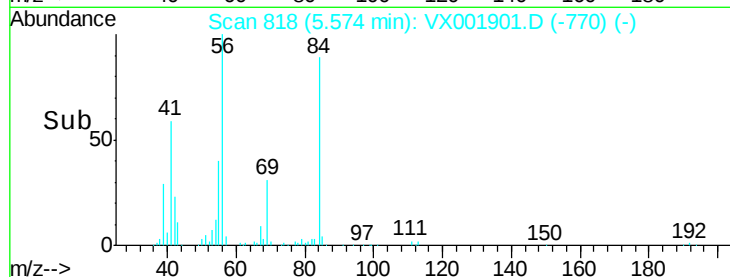
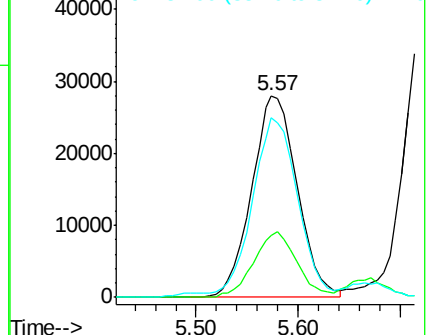
56 100

69 30.7 25.0 37.6

84 86.4 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: 21.78 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

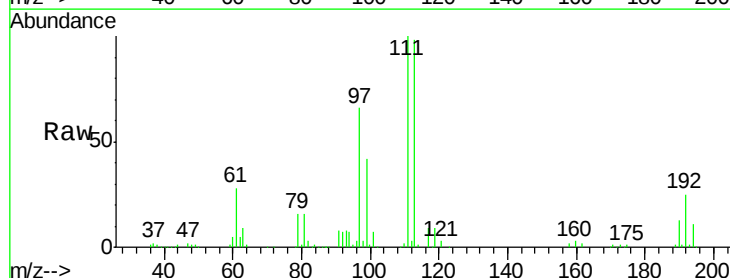
Tgt Ion: 97 Resp: 97423

Ion Ratio Lower Upper

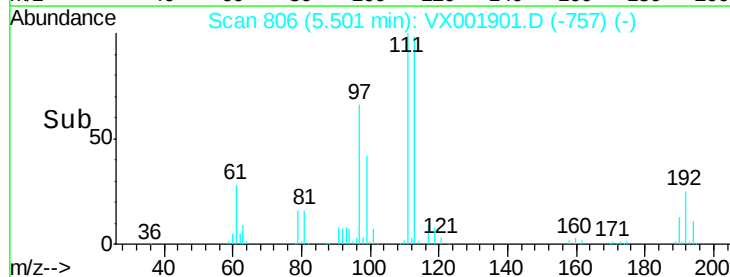
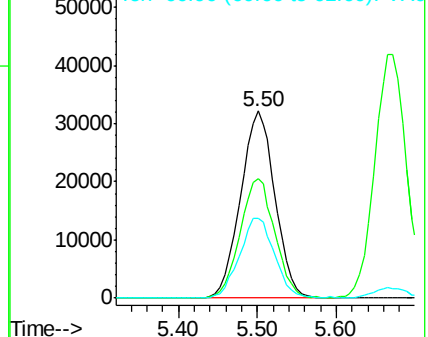
97 100

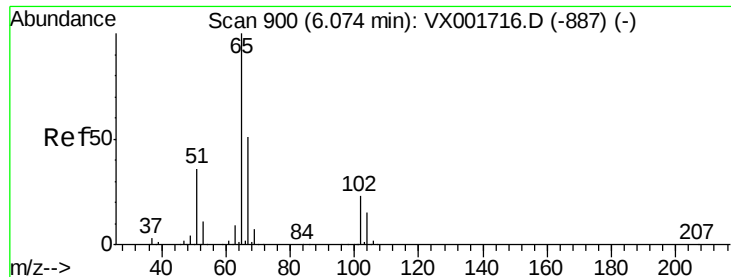
99 64.4 51.3 76.9

61 43.6 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: 52.78 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

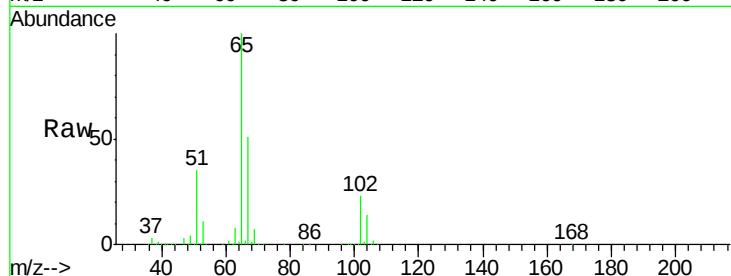
ClientSampleId :

Tot Ion: 65 Resp: 181415

Ion Ratio Lower Upper

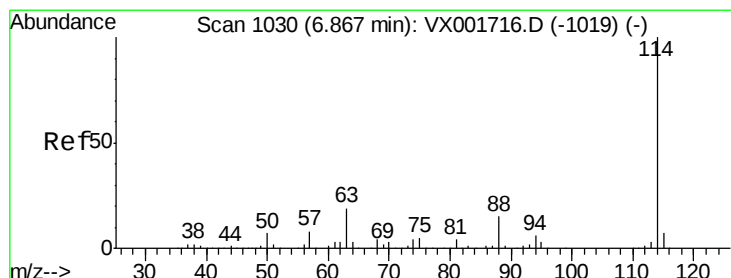
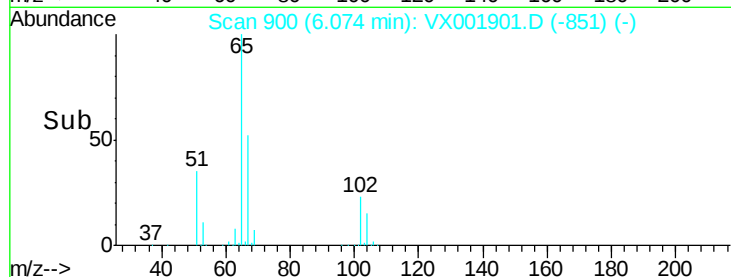
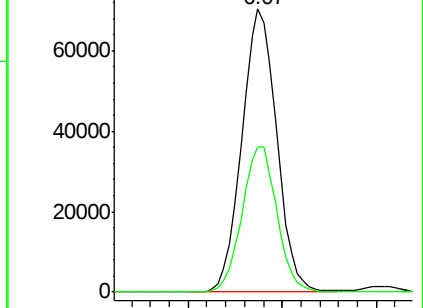
65 100

67 51.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX001716.D (-887) (-)

Ion 66.90 (66.60 to 67.60): VX001716.D (-887) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

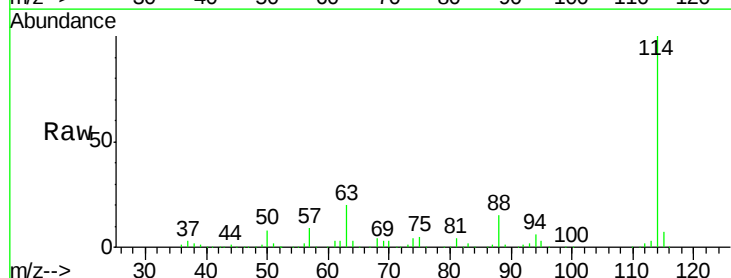
Tgt Ion: 114 Resp: 337898

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.0

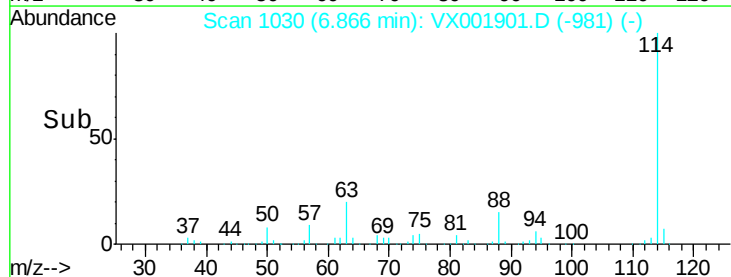
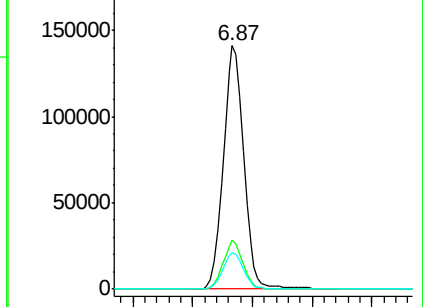
88 15.0 0.0 29.8

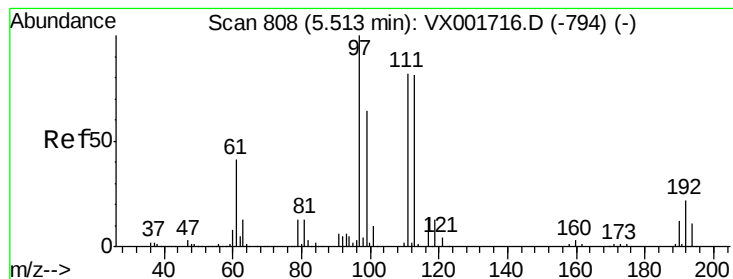


Abundance Ion 113.90 (113.60 to 114.60): VX001716.D (-1019) (-)

Ion 63.00 (62.70 to 63.70): VX001716.D (-1019) (-)

Ion 87.90 (87.60 to 88.60): VX001716.D (-1019) (-)





#35

Dibromofluoromethane

Concen: 53.01 ug/l

RT: 5.51 min Scan# 807

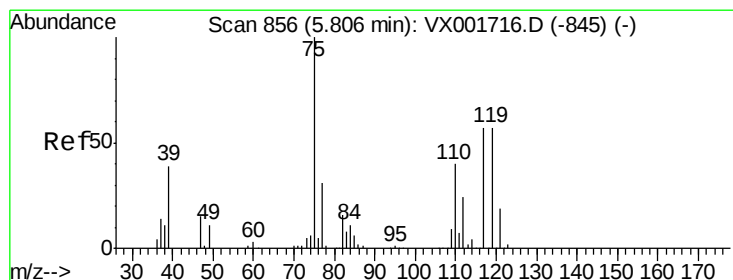
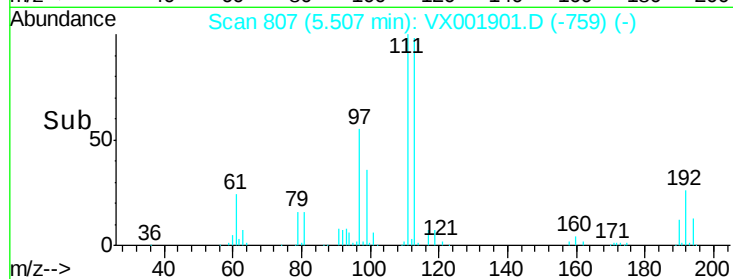
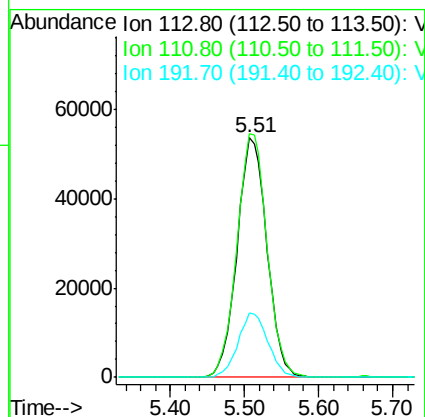
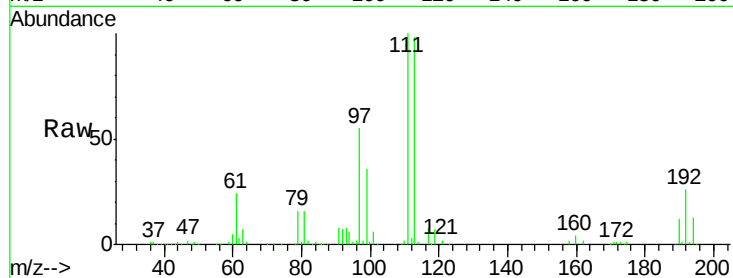
Delta R.T. -0.01 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	113	Resp:	151155
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	26.9	21.6	32.4



#36

1,1-Dichloropropene

Concen: 19.55 ug/l

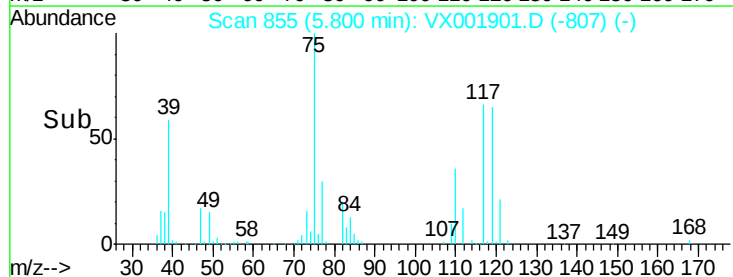
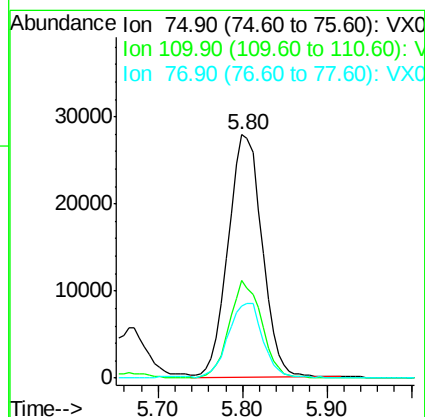
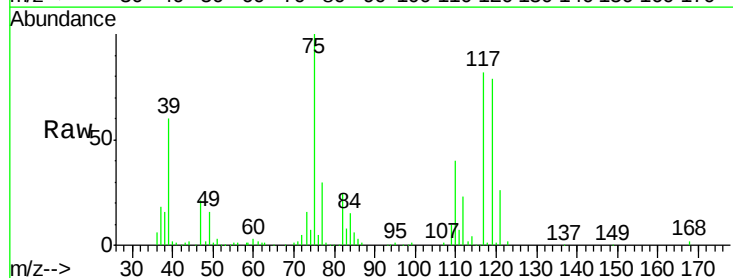
RT: 5.80 min Scan# 855

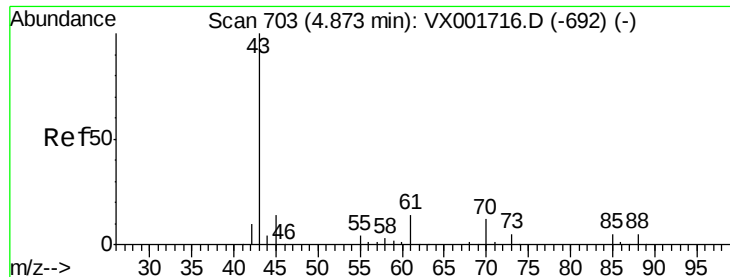
Delta R.T. -0.01 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Tgt Ion:	75	Resp:	76040
Ion	Ratio	Lower	Upper
75	100		
110	38.3	19.1	57.1
77	31.9	24.6	37.0

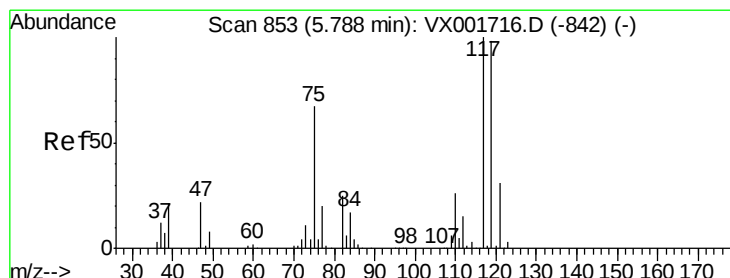
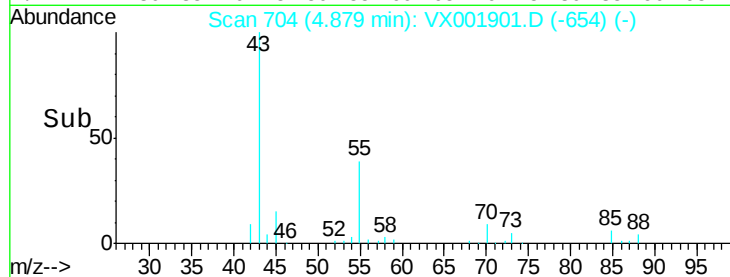
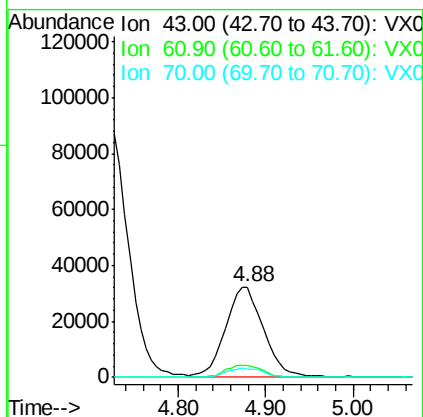
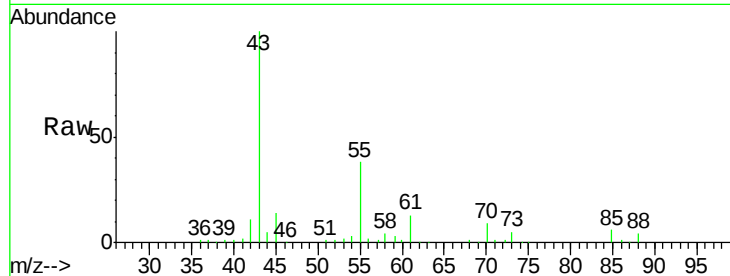




#37
Ethyl Acetate
Concen: 23.58 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

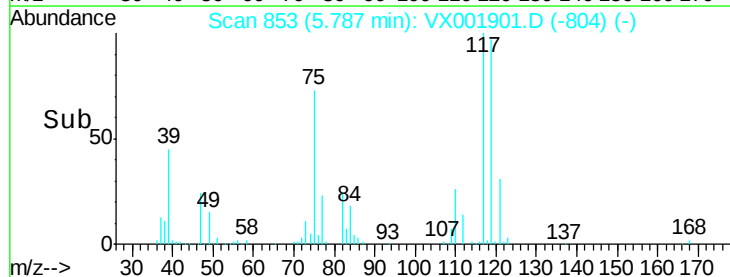
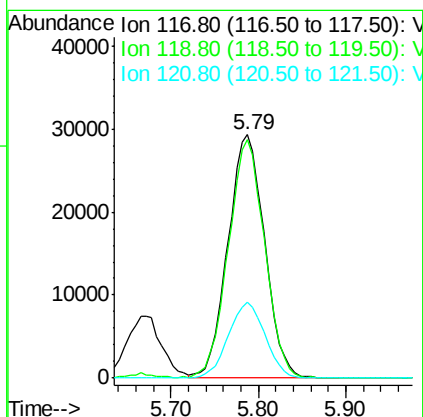
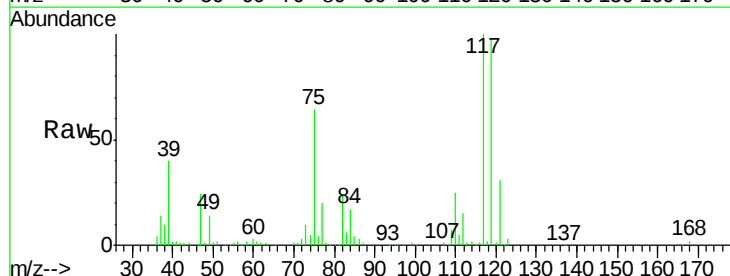
Instrument :
MSVOA_X
ClientSampled :

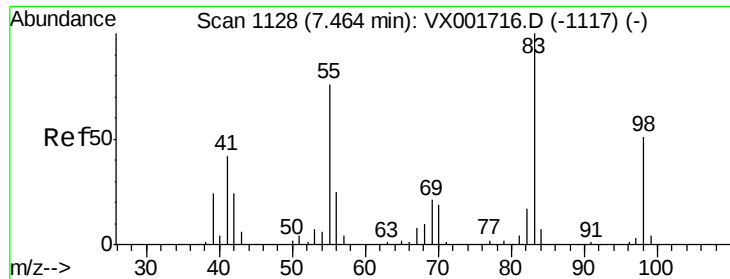
Tot Ion: 43 Resp: 95594
Ion Ratio Lower Upper
43 100
61 13.8 10.9 16.3
70 10.6 8.8 13.2



#38
Carbon Tetrachloride
Concen: 21.03 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion: 117 Resp: 85688
Ion Ratio Lower Upper
117 100
119 98.0 77.6 116.4
121 31.3 24.6 36.8

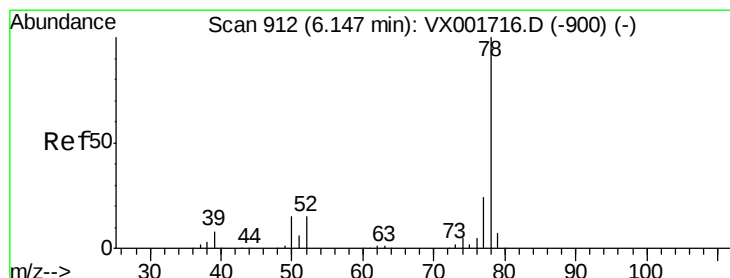
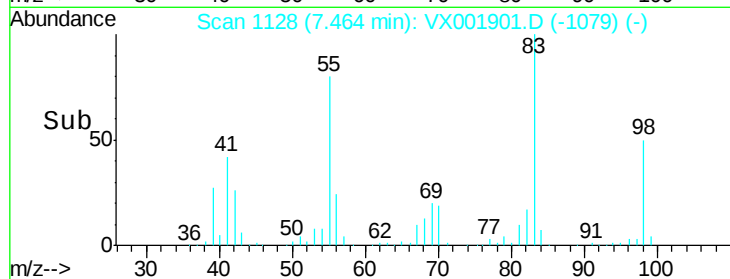
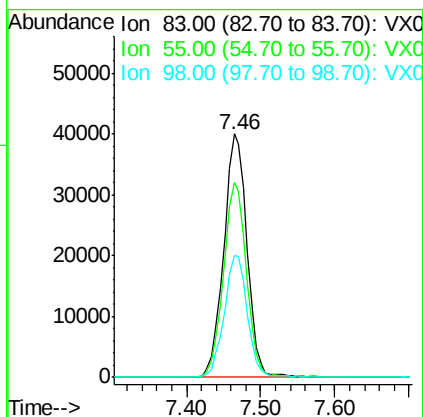
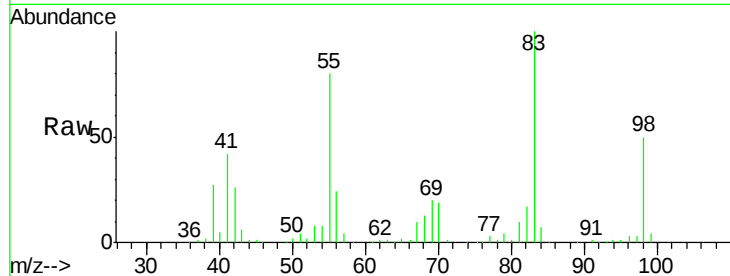




#39
Methvlcvclohexane
Concen: 19.24 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

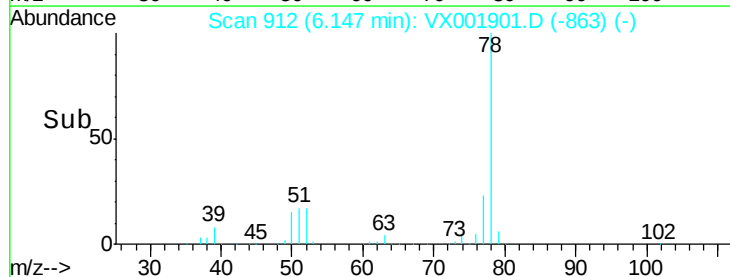
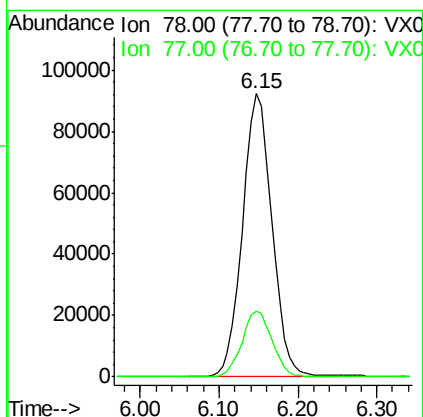
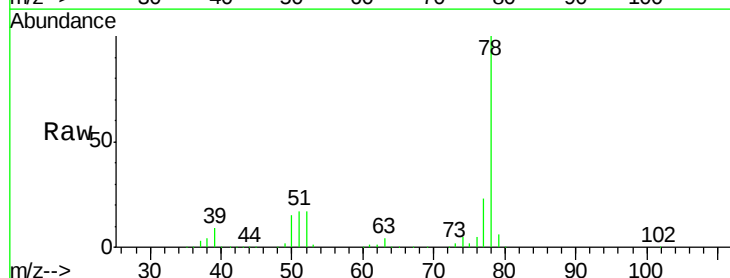
Instrument :
MSVOA_X
ClientSampled :

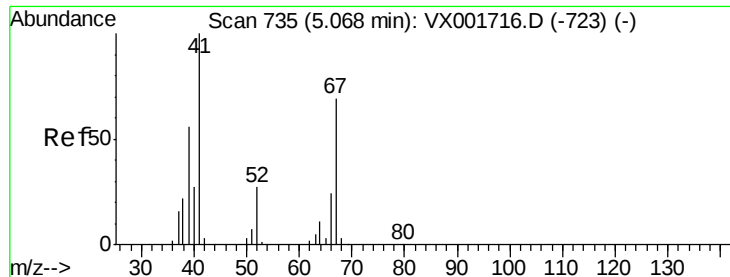
Tot Ion: 83 Resp: 87433
Ion Ratio Lower Upper
83 100
55 79.7 60.6 90.8
98 50.3 40.4 60.6



#40
Benzene
Concen: 21.00 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion: 78 Resp: 240625
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

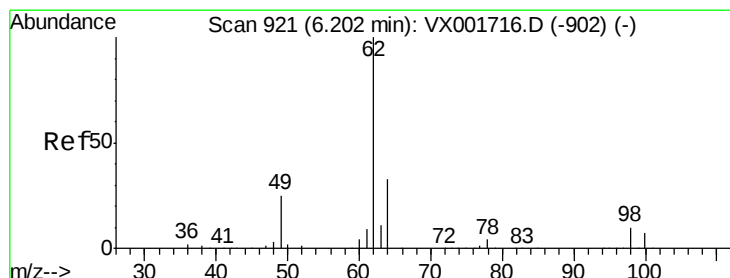
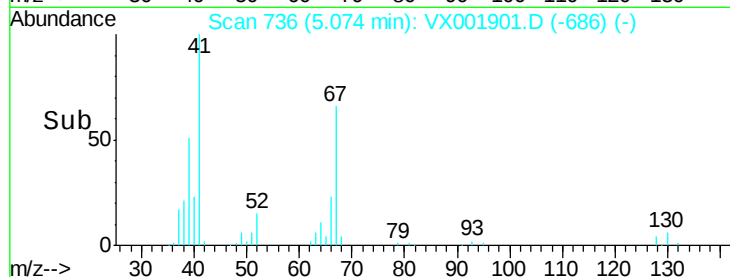
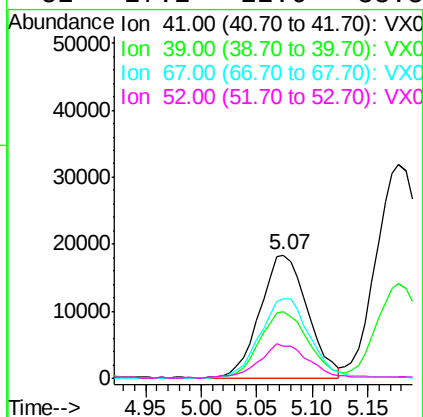
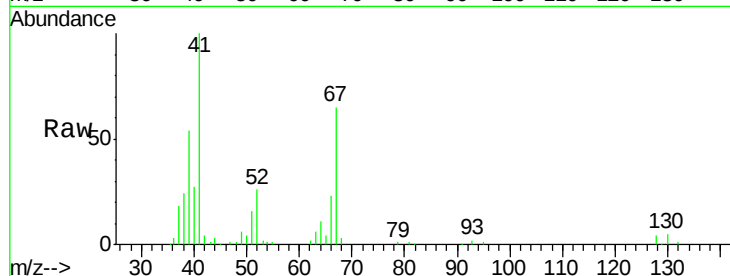




#41
Methacrylonitrile
Concen: 23.31 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

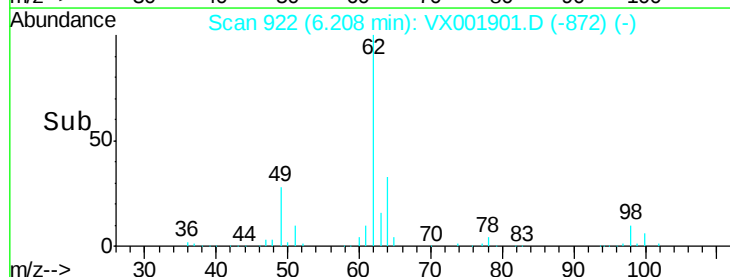
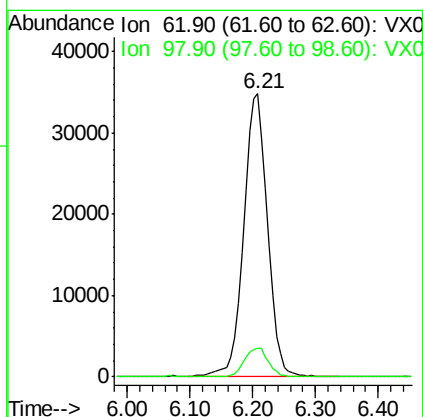
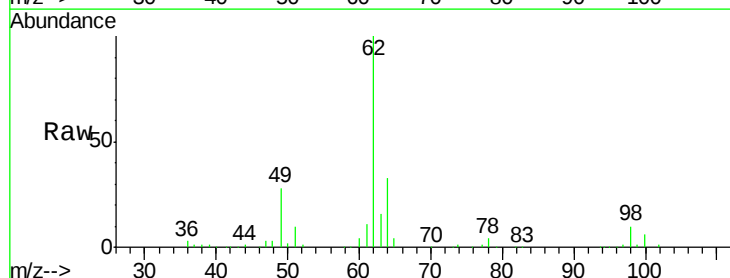
Instrument :
MSVOA_X
ClientSampled :

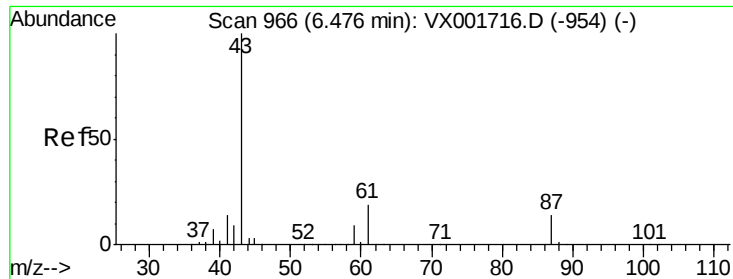
Tot Ion: 41 Resp: 54649
Ion Ratio Lower Upper
41 100
39 56.3 44.2 66.4
67 68.2 56.0 84.0
52 27.2 22.6 33.8



#42
1,2-Dichloroethane
Concen: 22.03 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion: 62 Resp: 91319
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.0



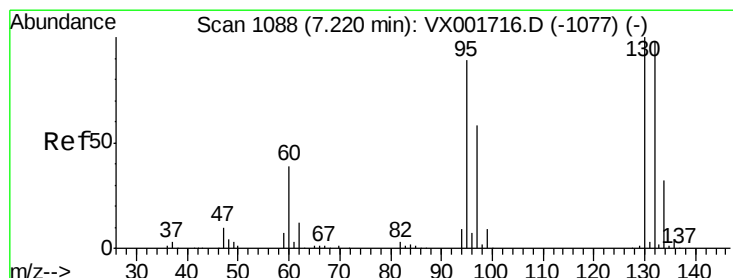
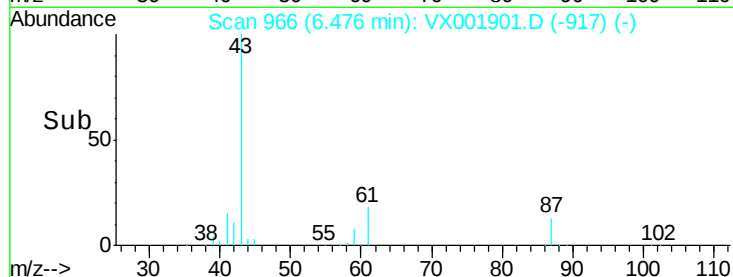
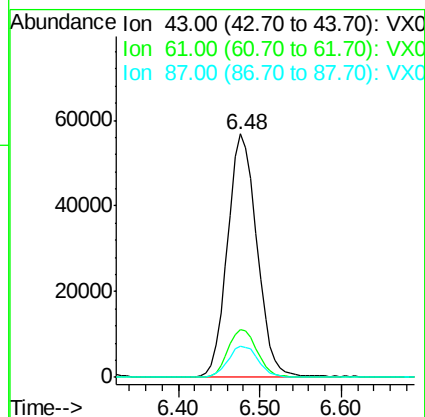
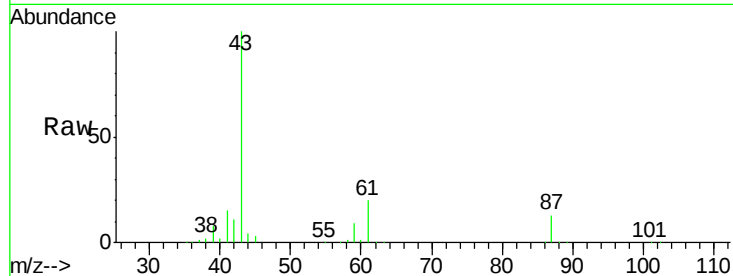


#43

Isopropyl Acetate
 Concen: 22.27 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampled :

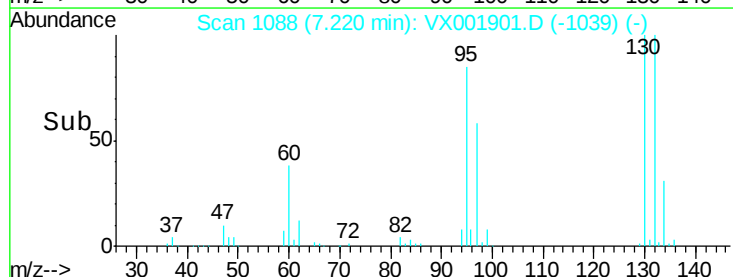
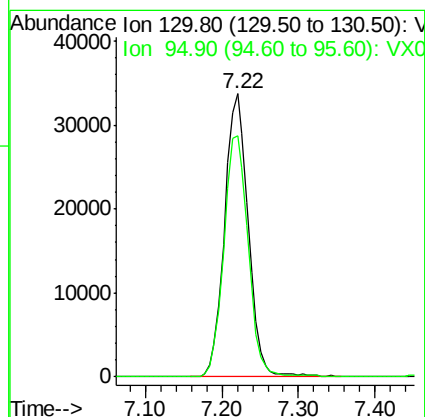
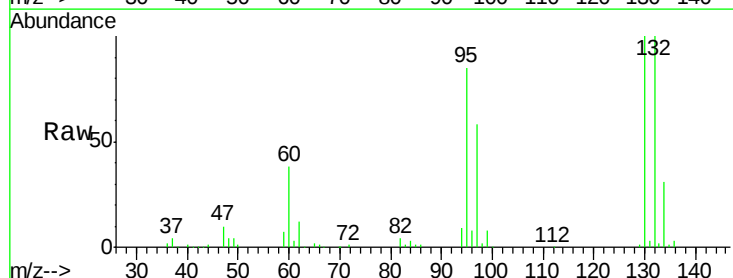
Tot Ion: 43 Resp: 141270
 Ion Ratio Lower Upper
 43 100
 61 19.8 15.8 23.8
 87 13.3 11.0 16.4

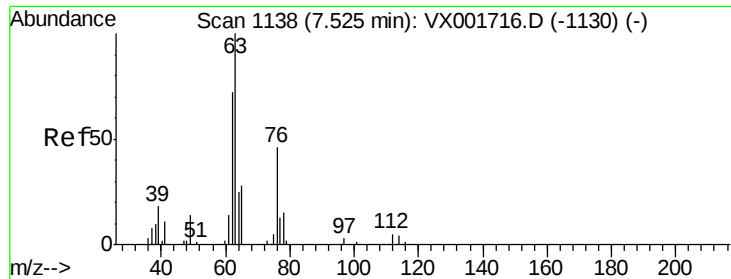


#44

Trichloroethene
 Concen: 20.37 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion:130 Resp: 72451
 Ion Ratio Lower Upper
 130 100
 95 85.2 0.0 177.2





#45

1,2-Dichloropropane

Concen: 22.26 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

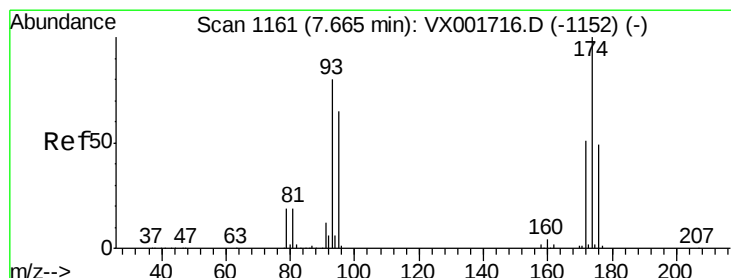
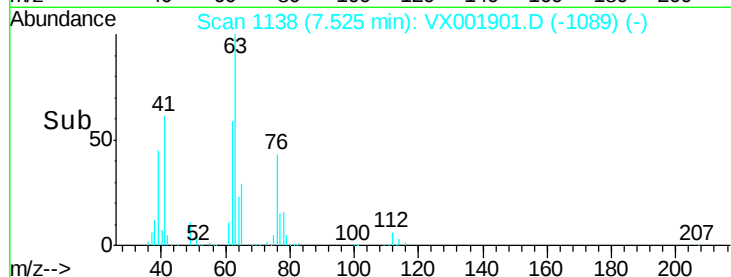
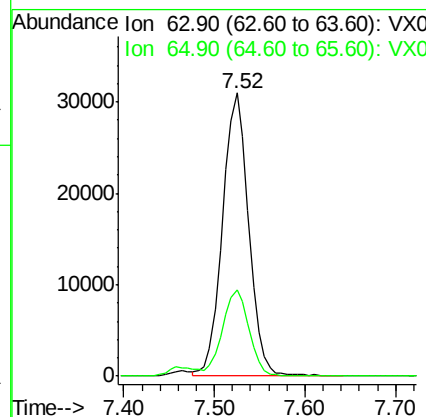
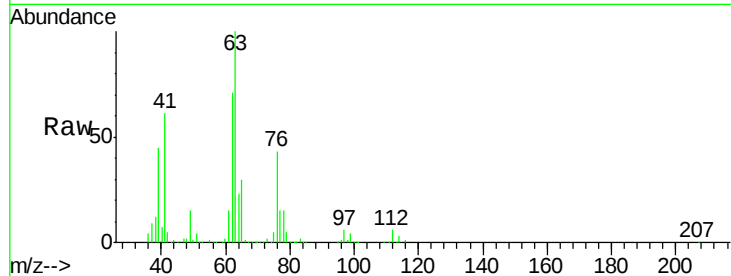
ClientSampleId :

Tot Ion: 63 Resp: 62594

Ion Ratio Lower Upper

63 100

65 30.4 24.2 36.2



#46

Dibromomethane

Concen: 21.30 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

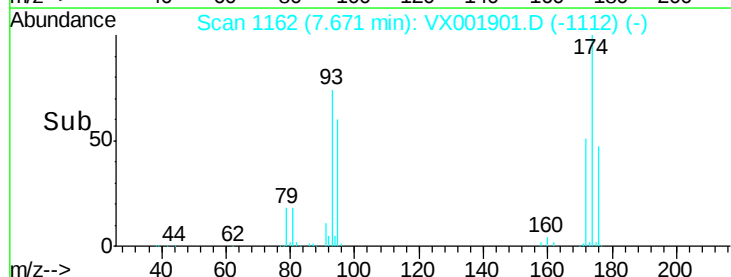
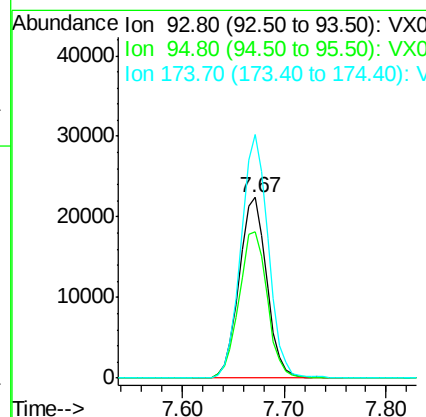
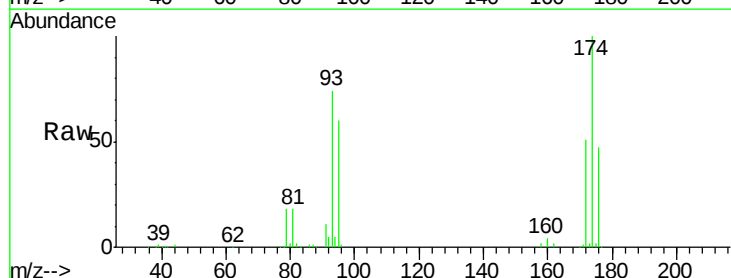
Tgt Ion: 93 Resp: 42057

Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 132.9 106.2 159.2





#47

Bromodichloromethane

Concen: 22.32 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampled :

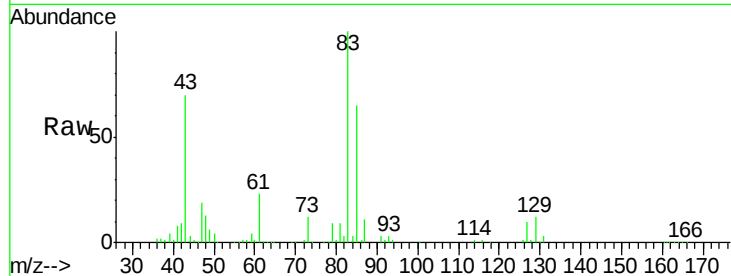
Tot Ion: 83 Resp: 81783

Ion Ratio Lower Upper

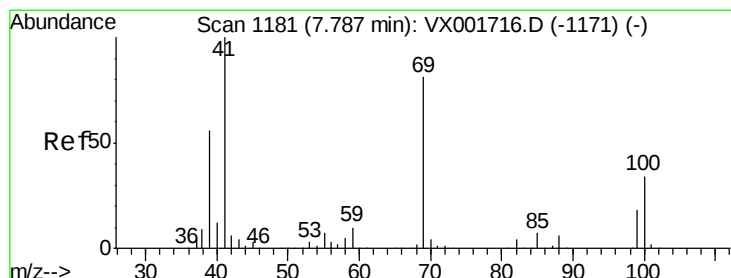
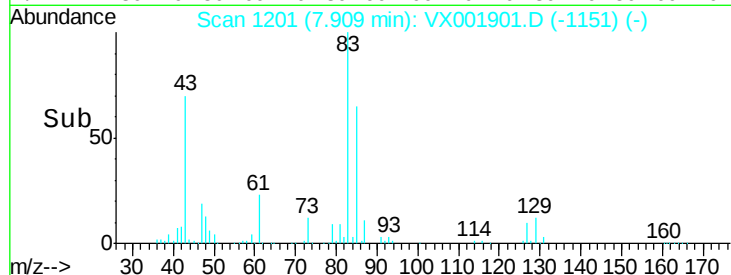
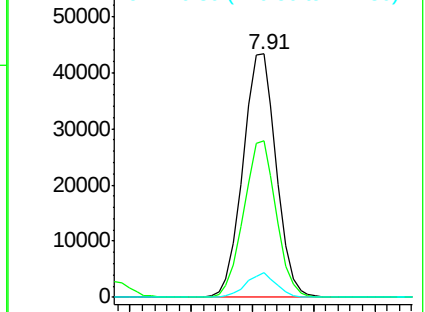
83 100

85 64.6 49.6 74.4

127 9.9 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: 22.69 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

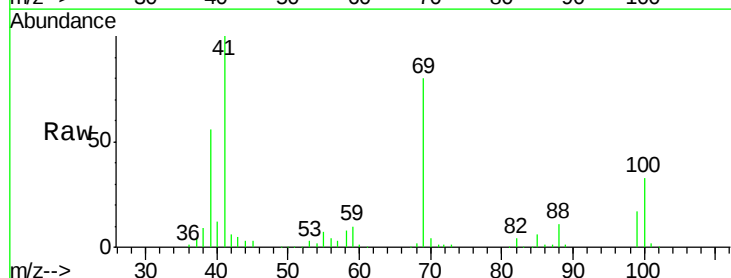
Tgt Ion: 41 Resp: 75766

Ion Ratio Lower Upper

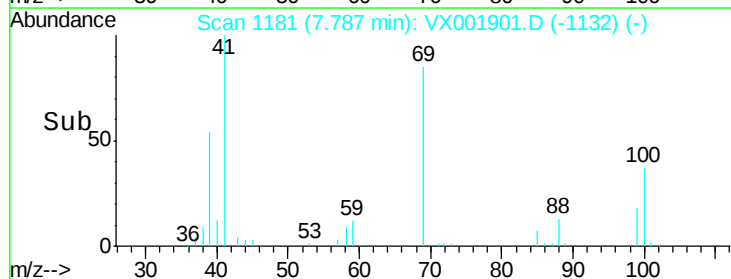
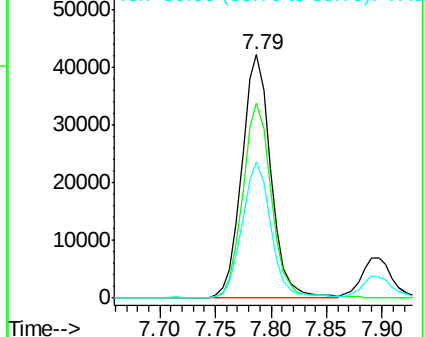
41 100

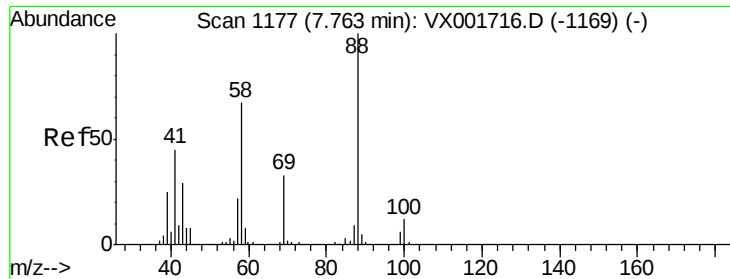
69 80.3 65.2 97.8

39 55.8 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

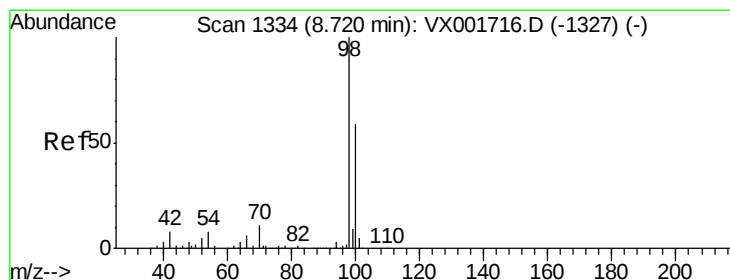
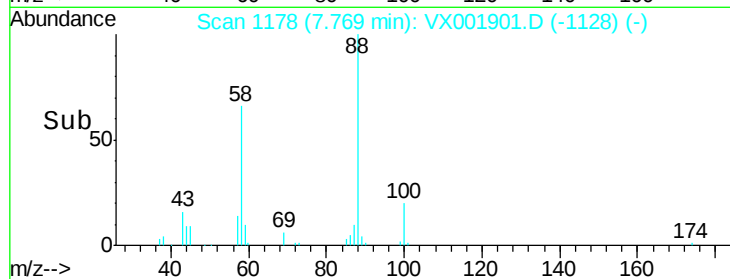
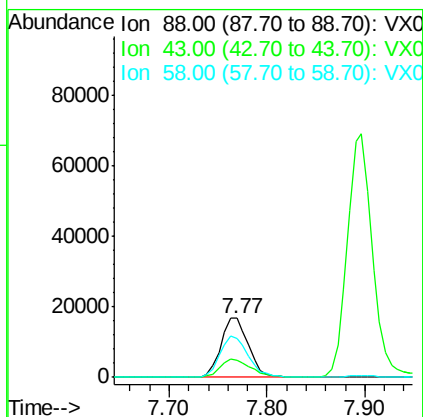
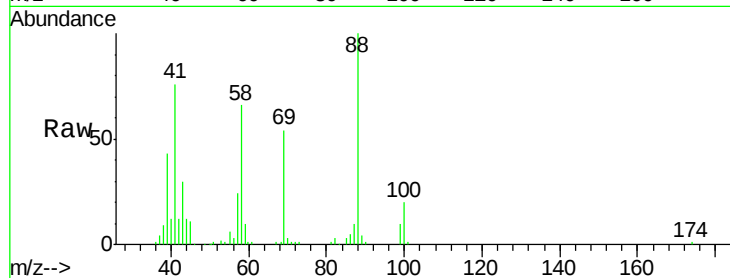




#49
 1,4-Dioxane
 Concen: 514.02 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

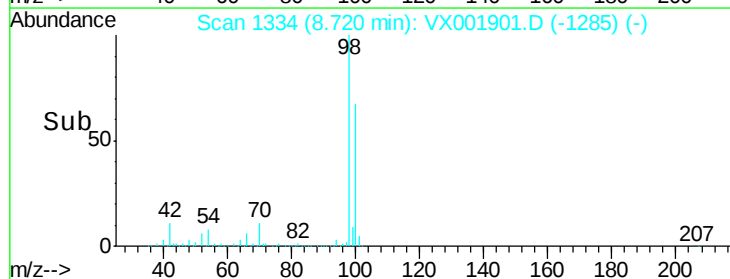
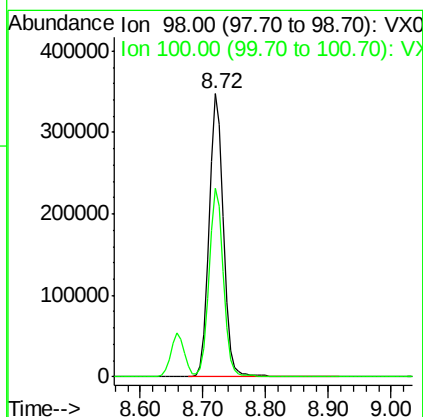
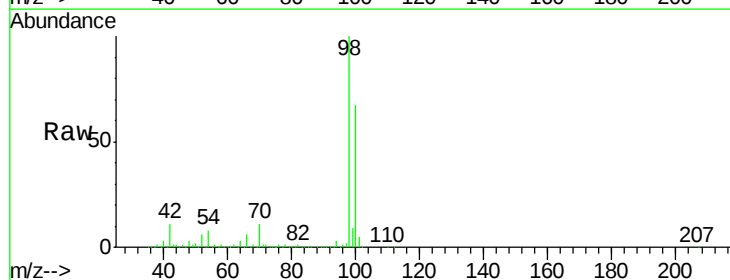
Instrument :
 MSVOA_X
 ClientSampleId :

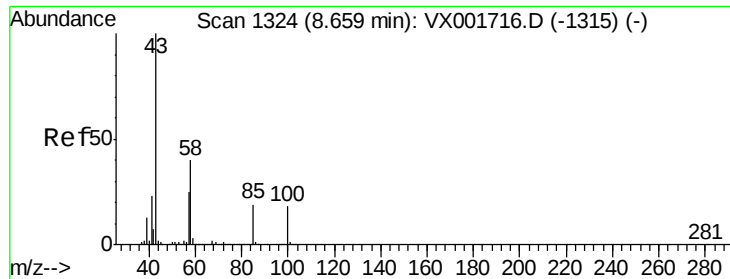
Tot Ion: 88 Resp: 33051
 Ion Ratio Lower Upper
 88 100
 43 34.0 27.3 40.9
 58 71.6 55.9 83.9



#50
 Toluene-d8
 Concen: 53.56 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion: 98 Resp: 546975
 Ion Ratio Lower Upper
 98 100
 100 66.4 54.0 81.0

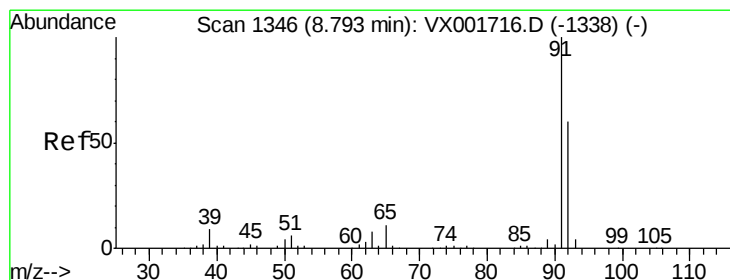
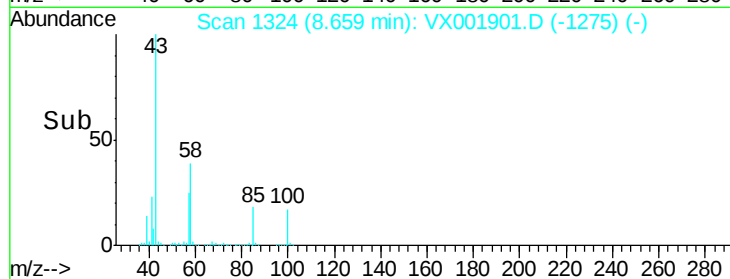
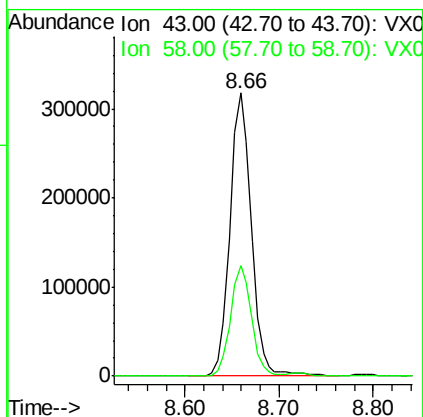
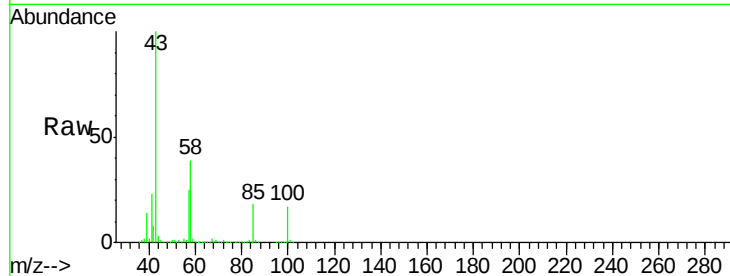




#51
 4-Methyl-2-Pentanone
 Concen: 124.82 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

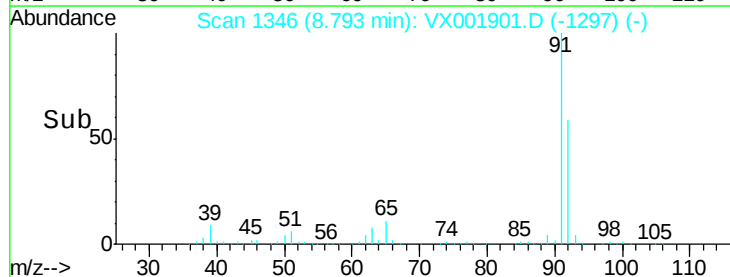
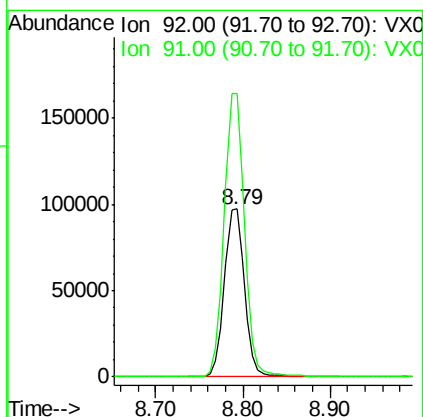
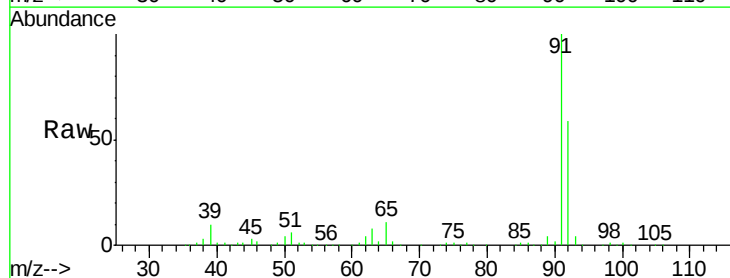
Instrument :
 MSVOA_X
 ClientSampled :

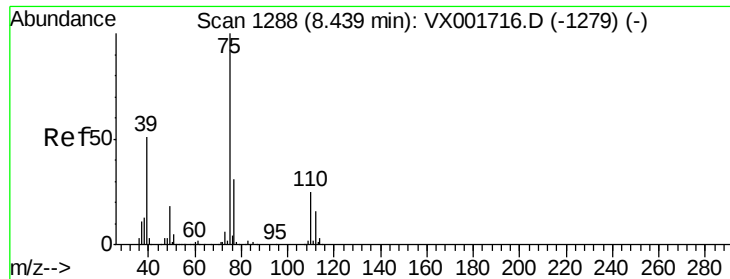
Tot Ion: 43 Resp: 501871
 Ion Ratio Lower Upper
 43 100
 58 38.1 31.4 47.0



#52
 Toluene
 Concen: 21.18 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion: 92 Resp: 155947
 Ion Ratio Lower Upper
 92 100
 91 169.9 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 21.03 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

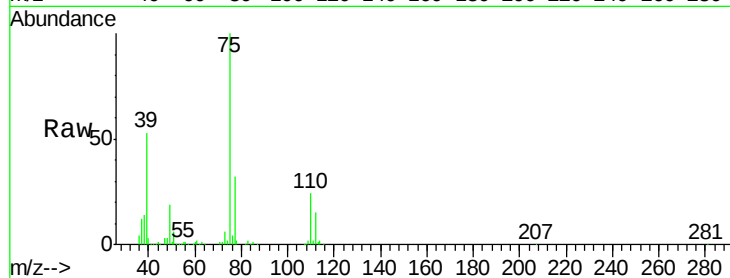
ClientSampleId :

Tot Ion: 75 Resp: 90678

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

60000

50000

40000

30000

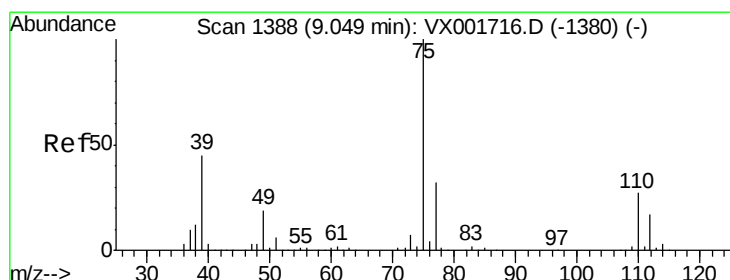
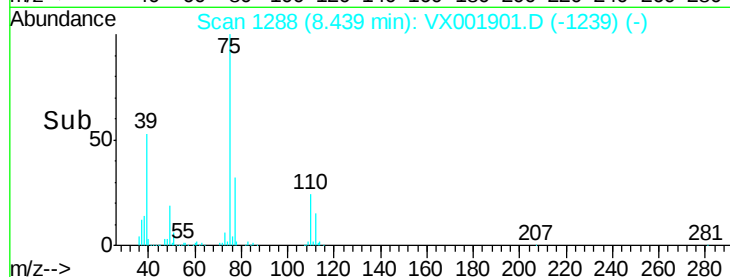
20000

10000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.72 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

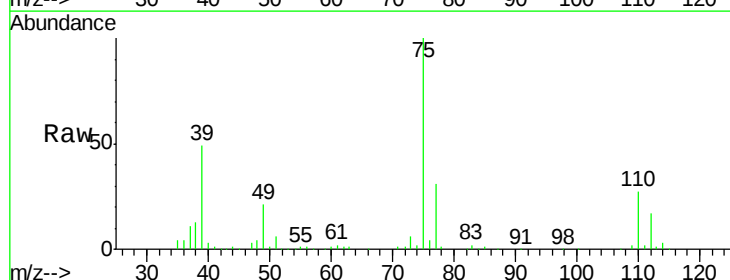
Tgt Ion: 75 Resp: 74924

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2

39 48.4 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

9.05

60000

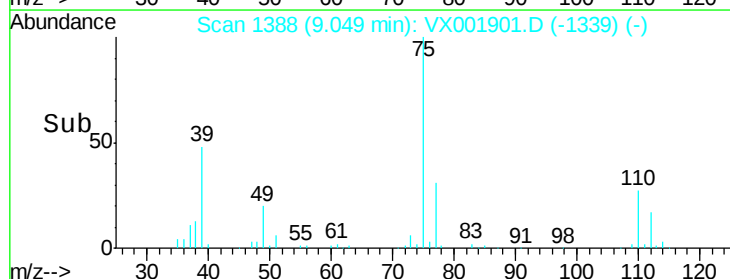
40000

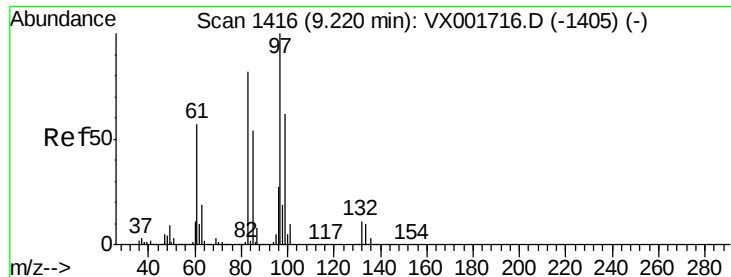
20000

0

9.00 9.05 9.10

Time-->





#55

1,1,2-Trichloroethane

Concen: 21.67 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 61002

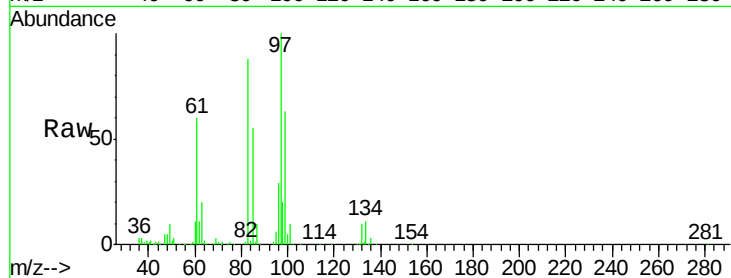
Ion Ratio Lower Upper

97 100

83 87.7 65.8 98.8

85 54.6 43.4 65.0

99 62.9 49.8 74.6

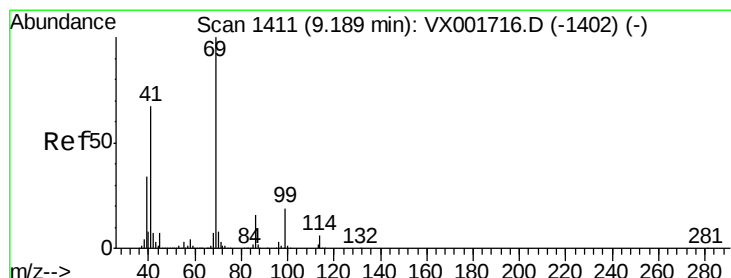
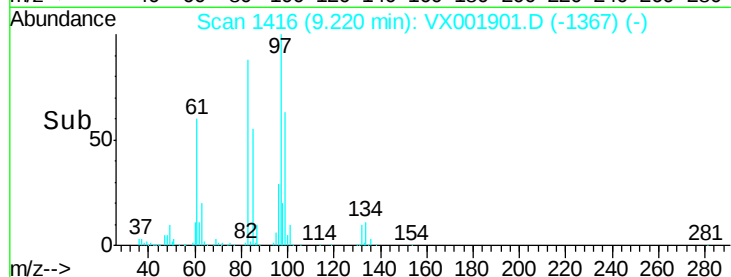
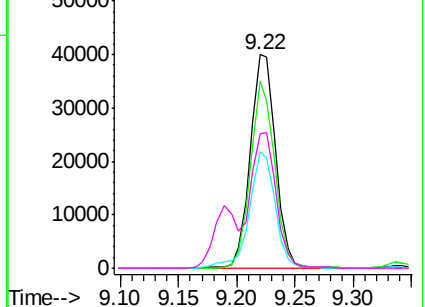


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.81 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

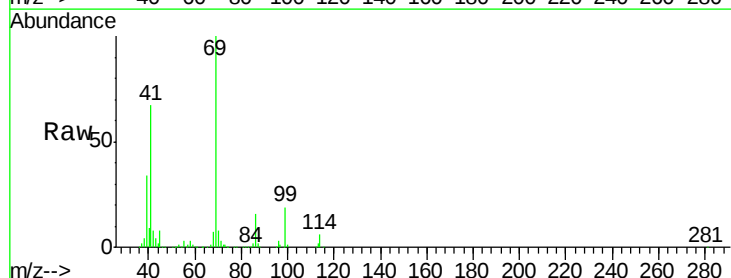
Tgt Ion: 69 Resp: 83059

Ion Ratio Lower Upper

69 100

41 68.6 53.5 80.3

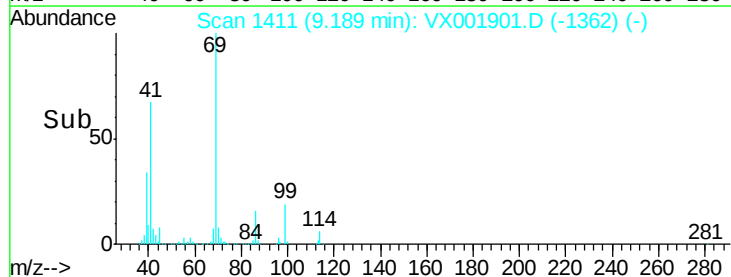
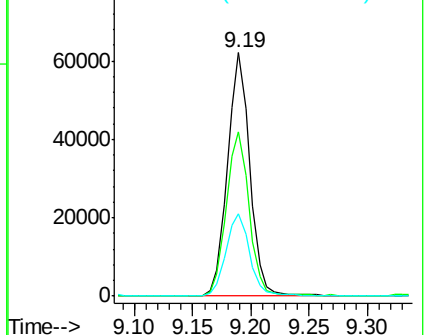
39 35.1 27.2 40.8

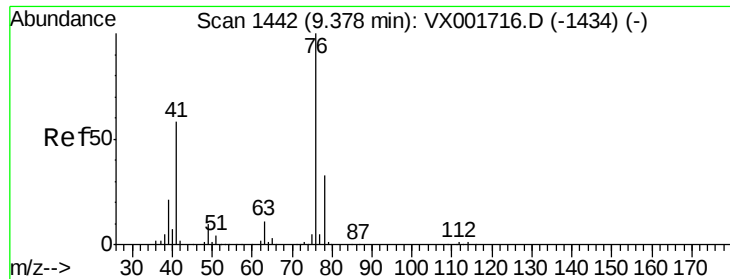


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 21.01 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

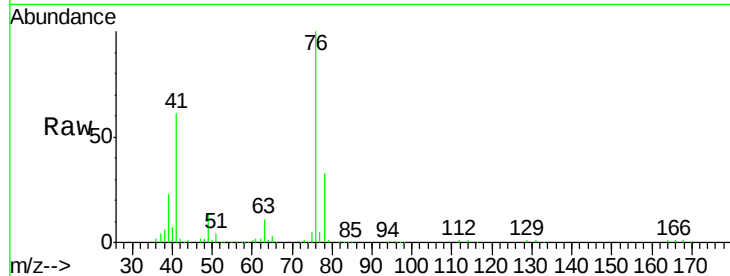
ClientSampleId :

Tot Ion: 76 Resp: 99024

Ion Ratio Lower Upper

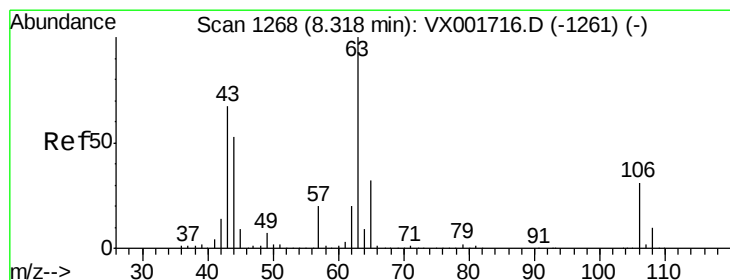
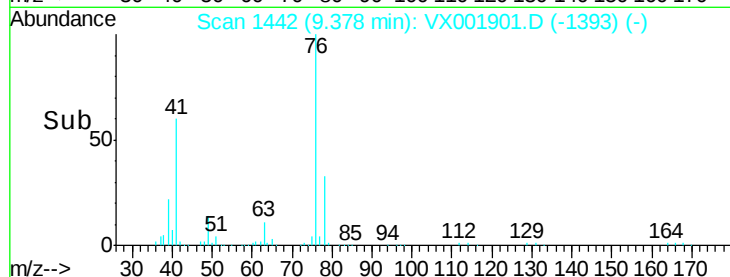
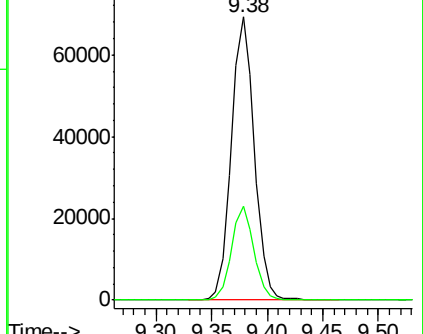
76 100

78 32.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 112.47 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VX001901.D

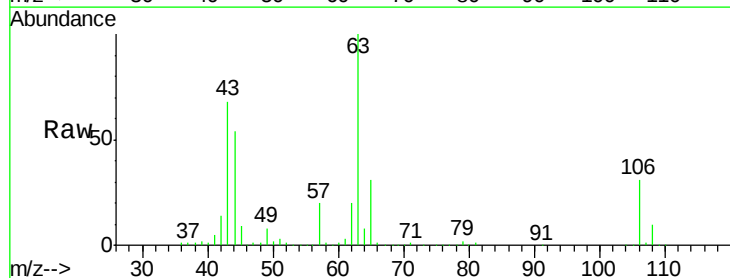
Acq: 22 May 2018 18:43

Tgt Ion: 63 Resp: 230947

Ion Ratio Lower Upper

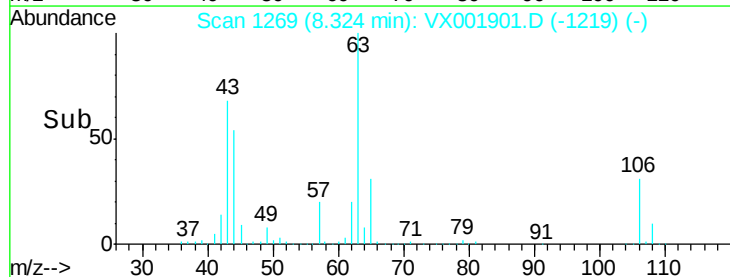
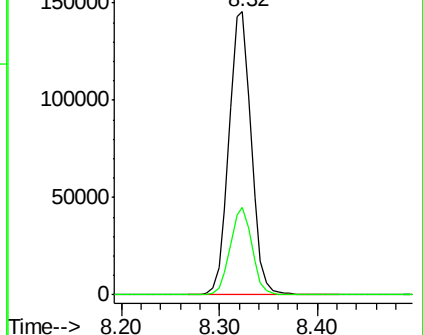
63 100

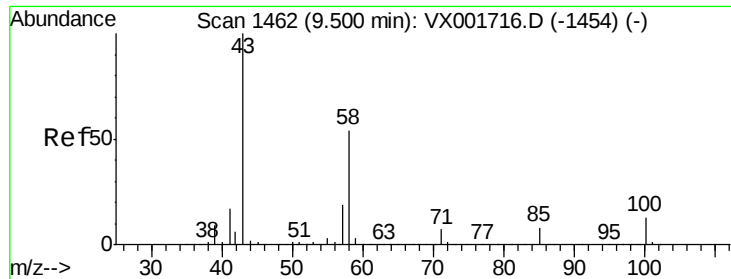
106 30.3 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

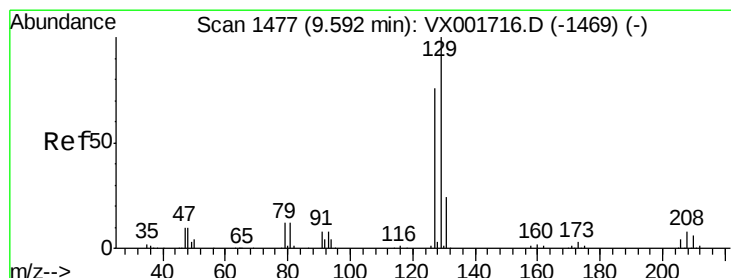
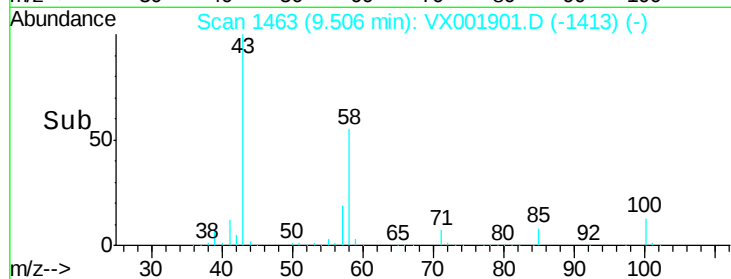
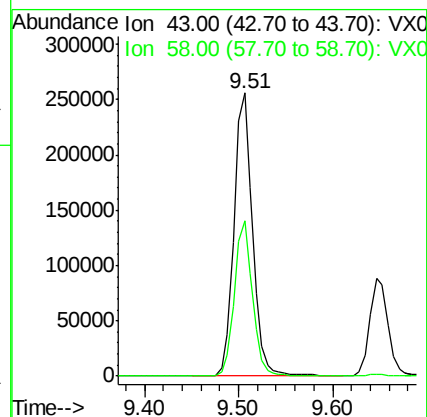
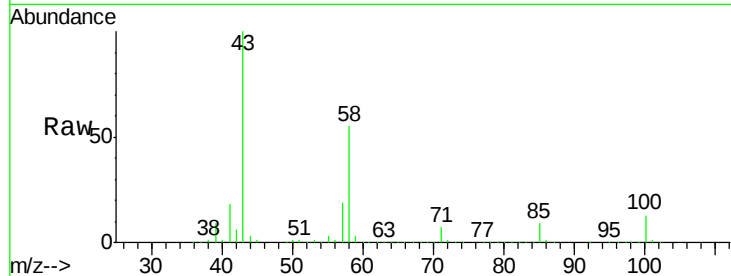




#59
2-Hexanone
Concen: 121.47 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

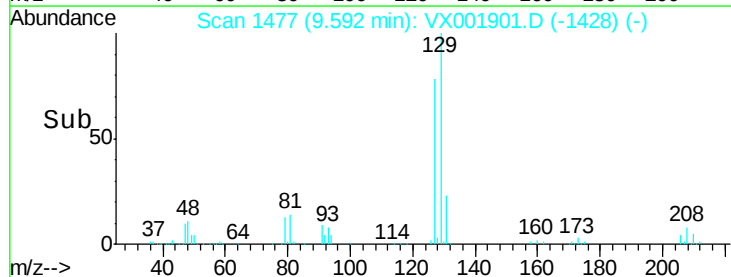
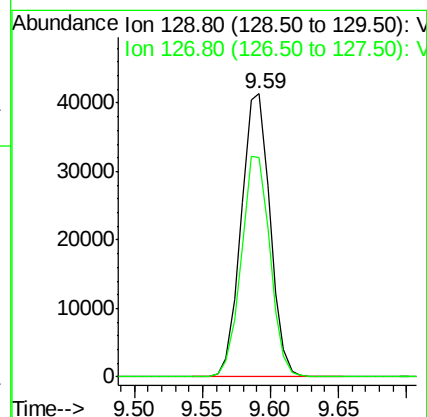
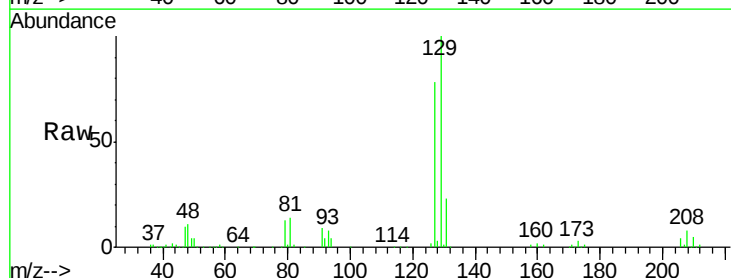
Instrument :
MSVOA_X
ClientSampled :

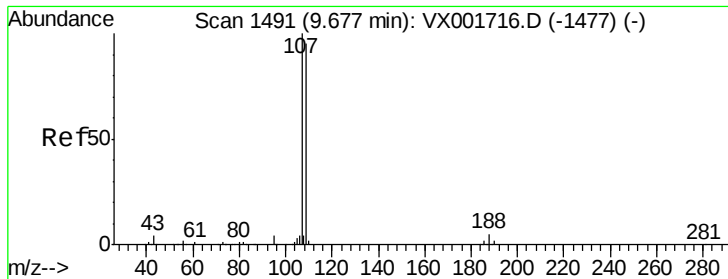
Tot Ion: 43 Resp: 349604
Ion Ratio Lower Upper
43 100
58 53.8 27.7 83.1



#60
Dibromochloromethane
Concen: 21.28 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion:129 Resp: 61337
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 21.25 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

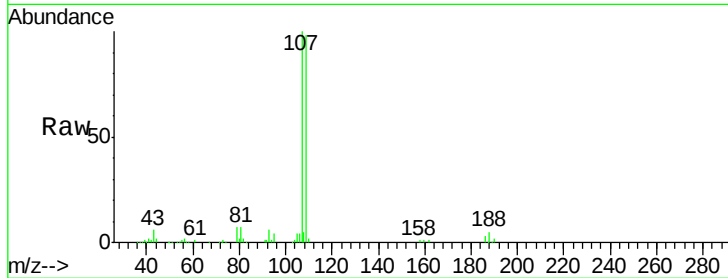
ClientSampleId :

Tot Ion:107 Resp: 62626

Ion Ratio Lower Upper

107 100

109 94.2 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

50000

40000

30000

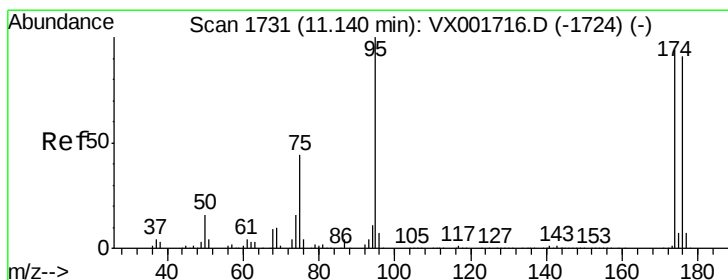
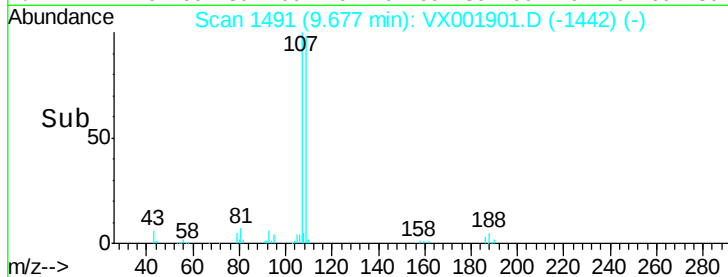
20000

10000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 48.33 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

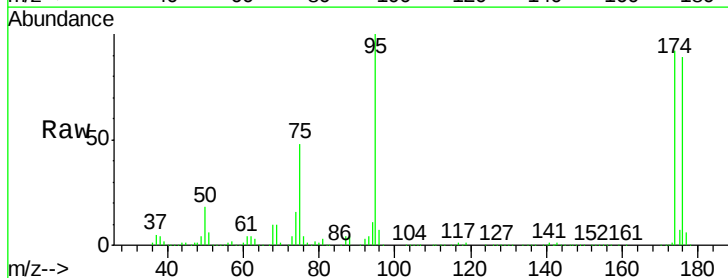
Tgt Ion: 95 Resp: 177704

Ion Ratio Lower Upper

95 100

174 101.8 0.0 201.8

176 99.0 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

200000

150000

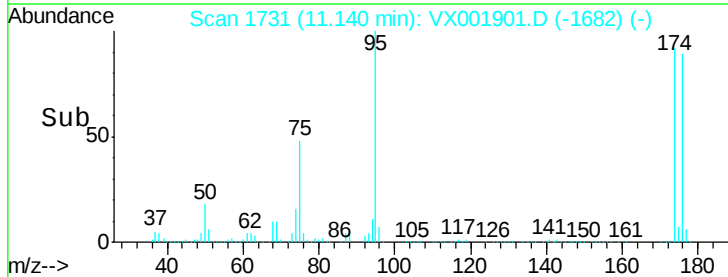
100000

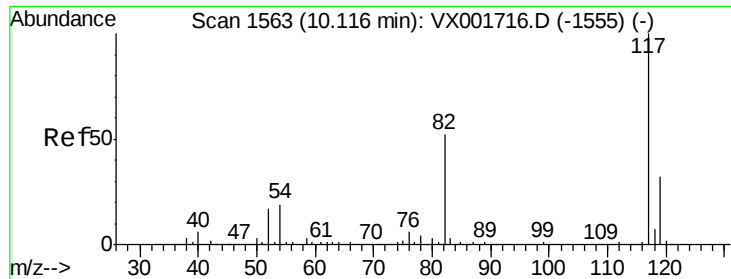
50000

0

Time-->

11.10 11.20

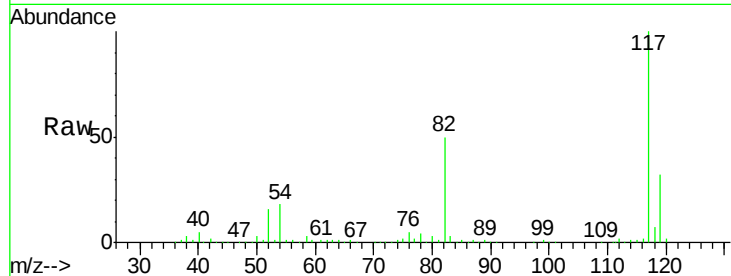




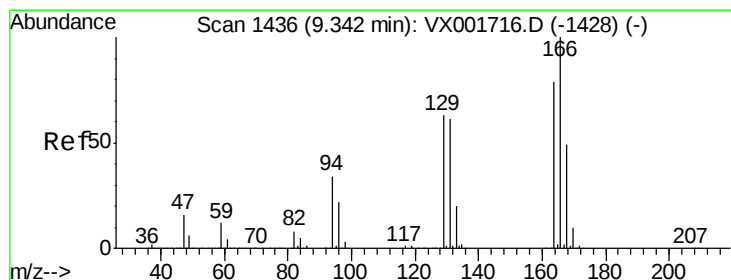
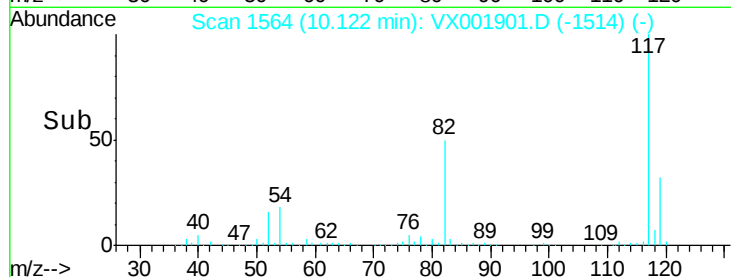
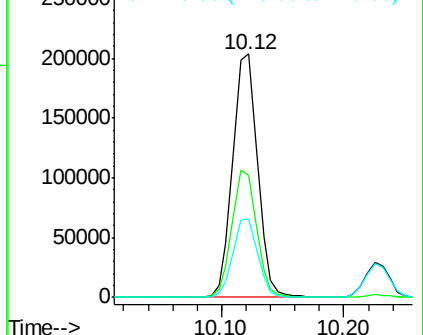
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 286849
Ion Ratio Lower Upper
117 100
82 50.3 41.4 62.2
119 32.0 25.6 38.4

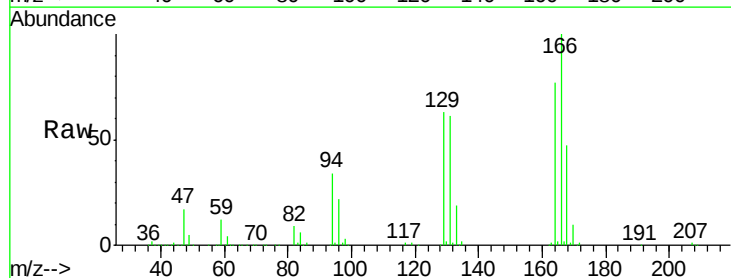


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

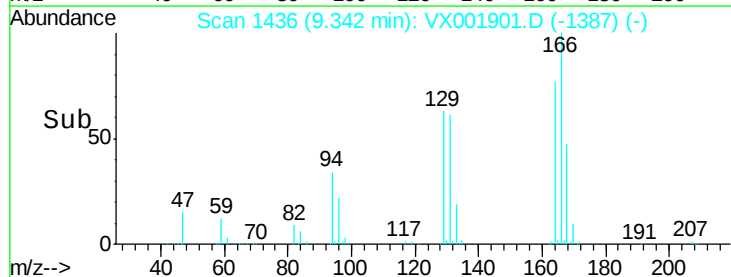
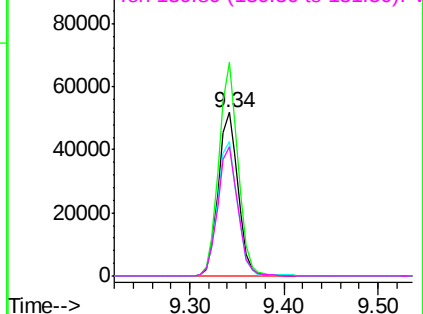


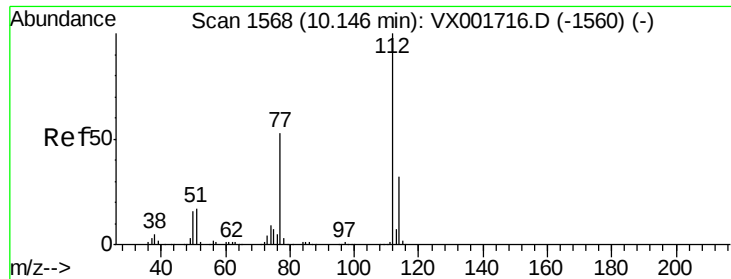
#64
Tetrachloroethene
Concen: 20.27 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion:164 Resp: 75685
Ion Ratio Lower Upper
164 100
166 130.4 101.8 152.8
129 82.3 63.8 95.6
131 79.3 62.2 93.2



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





#65

Chlorobenzene

Concen: 20.75 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

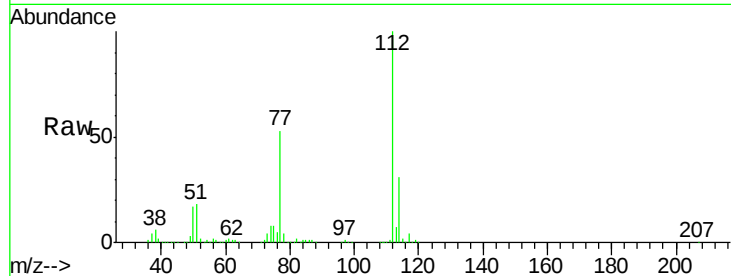
ClientSampleId :

Tot Ion:112 Resp: 163719

Ion Ratio Lower Upper

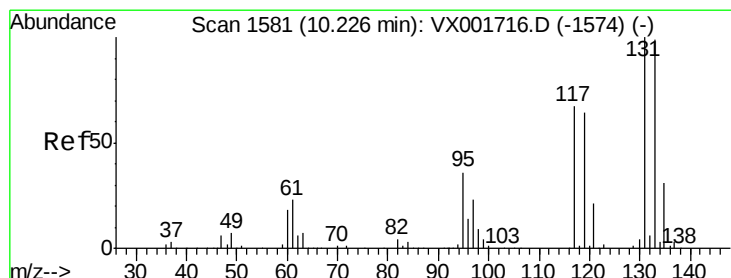
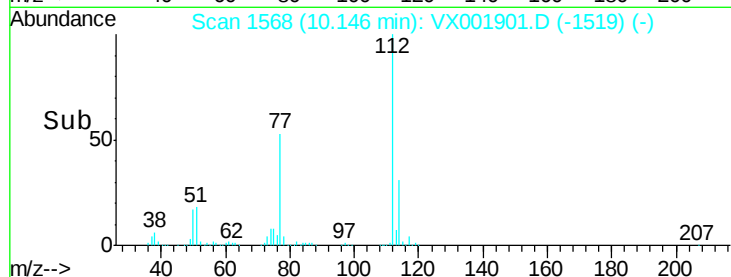
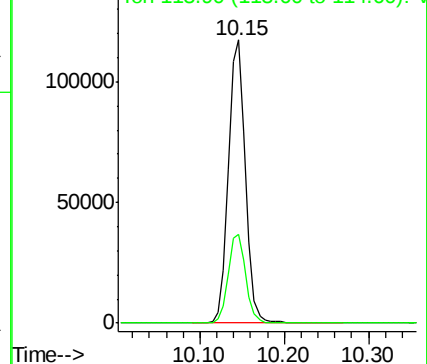
112 100

114 31.3 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.28 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

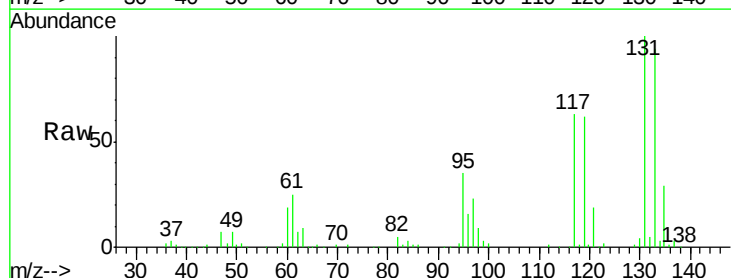
Tgt Ion:131 Resp: 62090

Ion Ratio Lower Upper

131 100

133 95.6 48.5 145.6

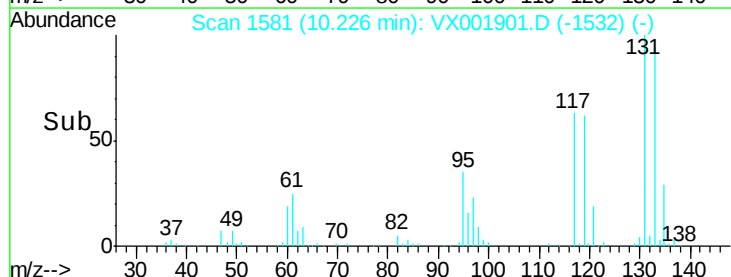
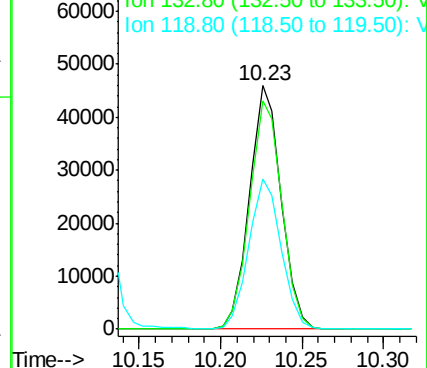
119 63.0 31.9 95.5

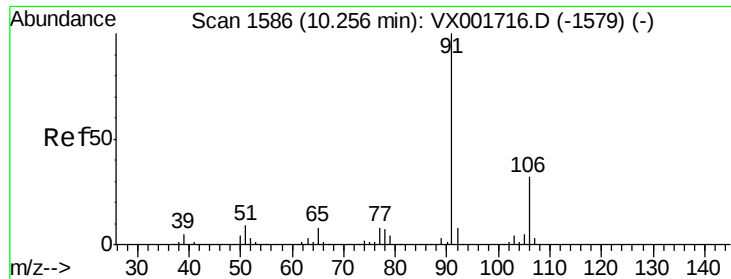


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

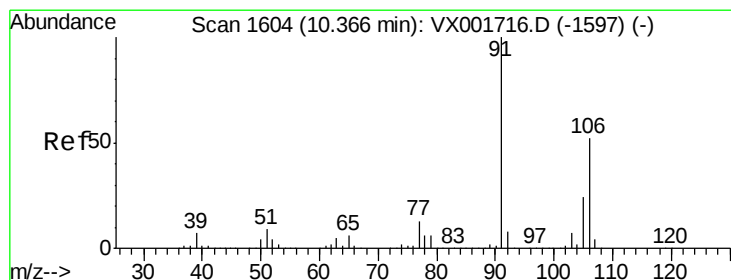
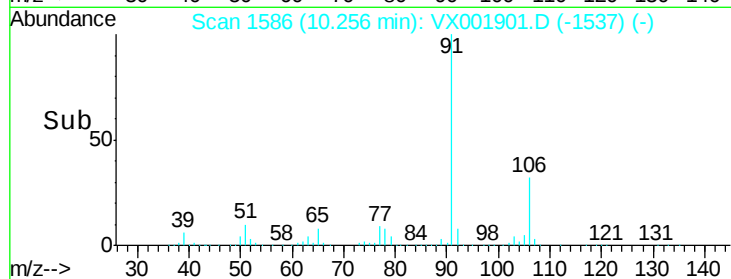
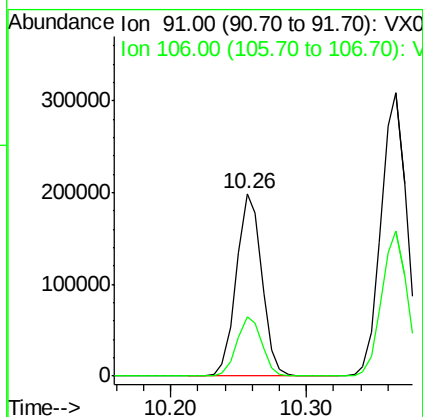
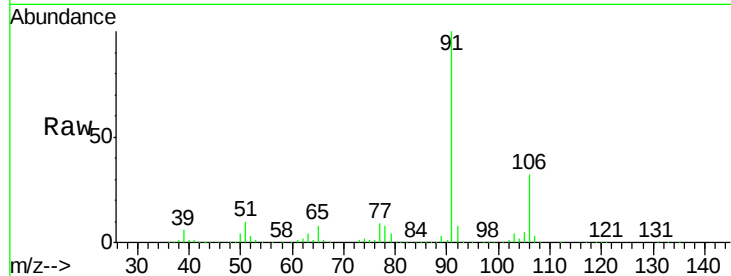




#67
Ethyl Benzene
Concen: 20.64 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

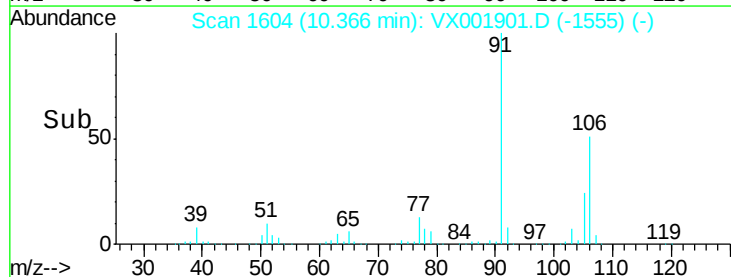
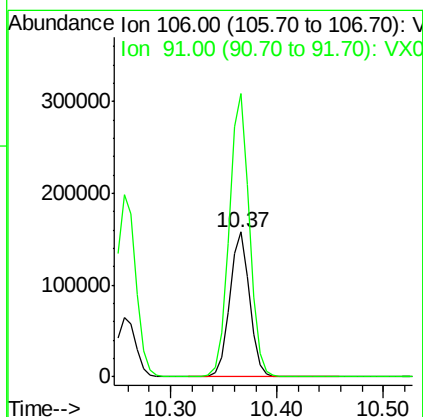
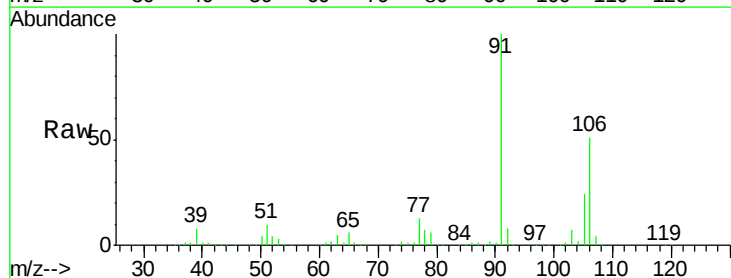
Instrument :
MSVOA_X
ClientSampleId :

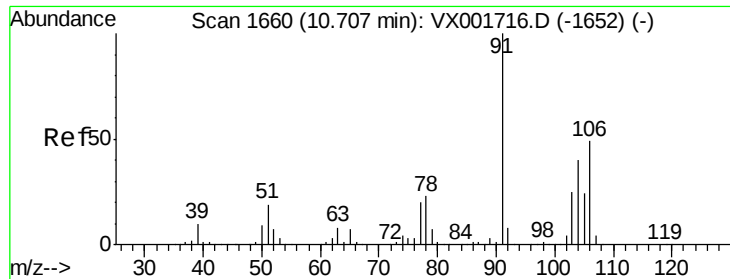
Tot Ion: 91 Resp: 260260
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5



#68
m/p-Xylenes
Concen: 41.65 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion: 106 Resp: 207226
Ion Ratio Lower Upper
106 100
91 197.3 155.4 233.2

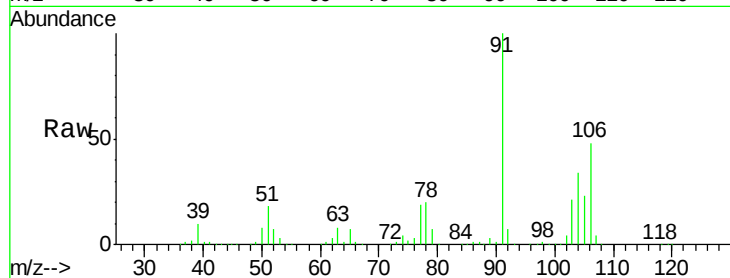




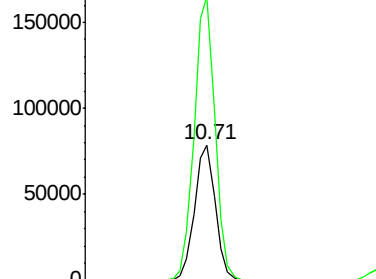
#69
o-Xylene
Concen: 21.28 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :

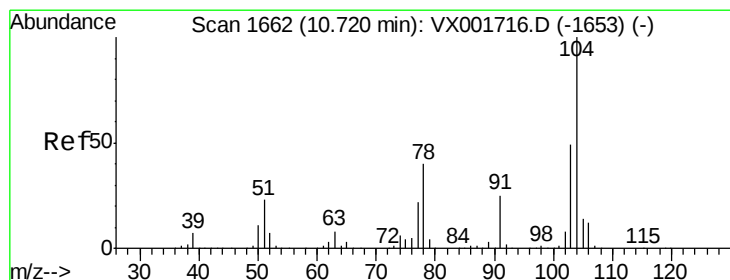
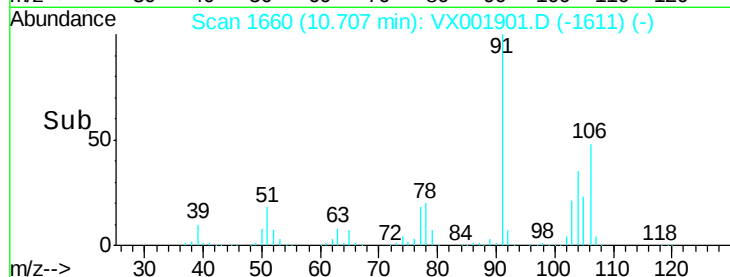
Tot Ion:106 Resp: 101401
Ion Ratio Lower Upper
106 100
91 209.7 103.4 310.2



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

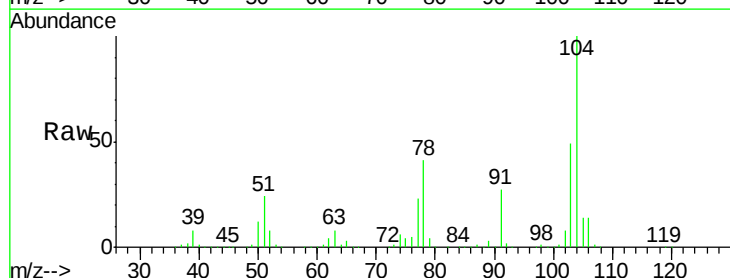


Time--> 10.60 10.70 10.80

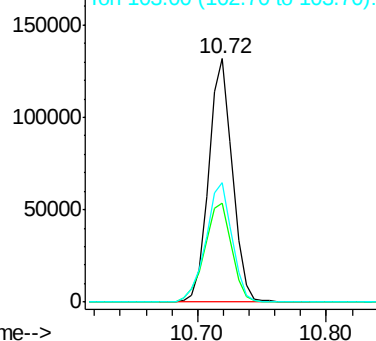


#70
Styrene
Concen: 21.37 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

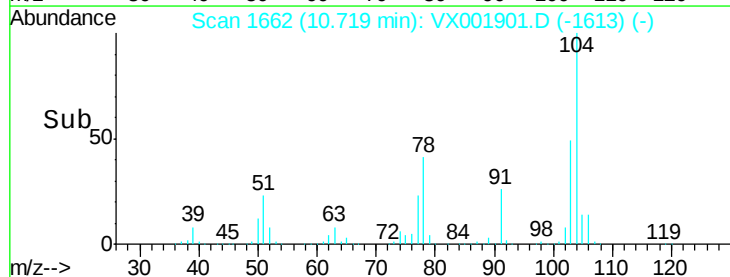
Tgt Ion:104 Resp: 167952
Ion Ratio Lower Upper
104 100
78 47.2 37.3 55.9
103 54.5 43.7 65.5

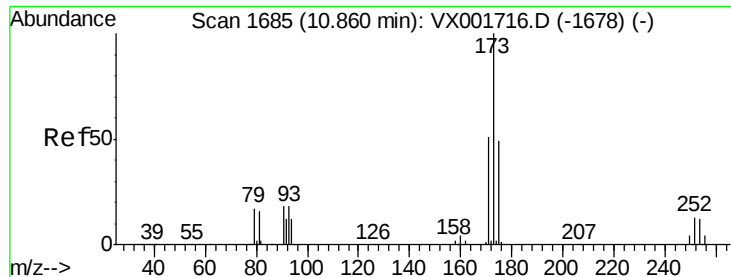


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.70 10.80

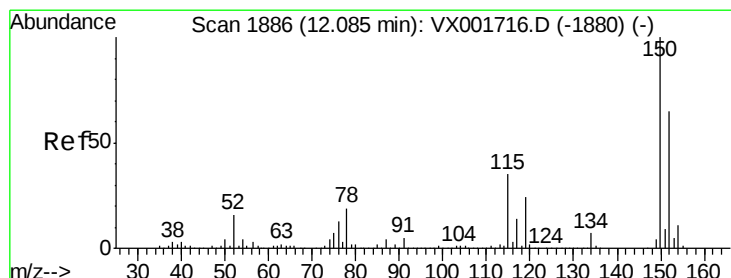
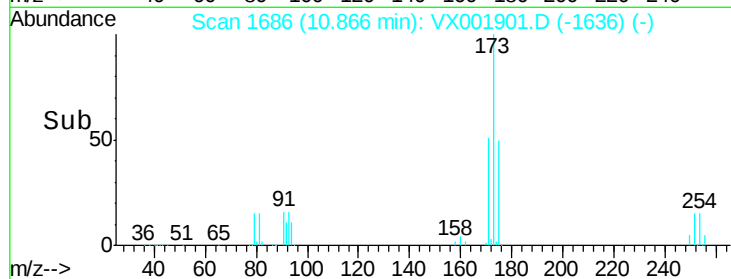
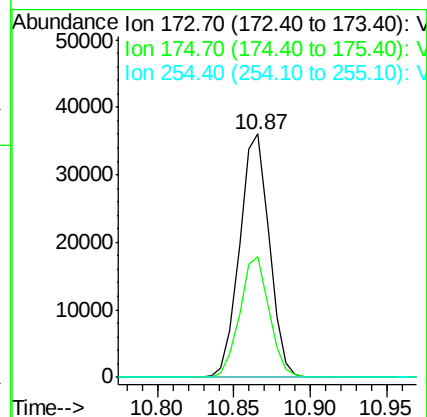
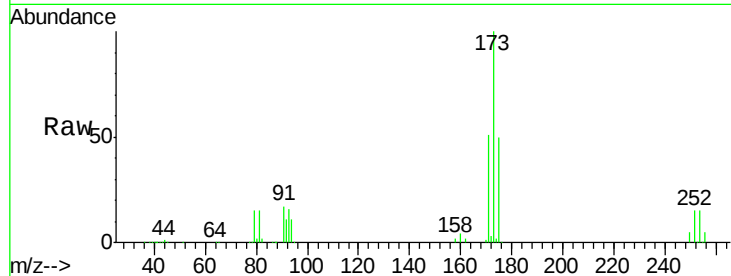




#71
Bromoform
Concen: 20.49 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

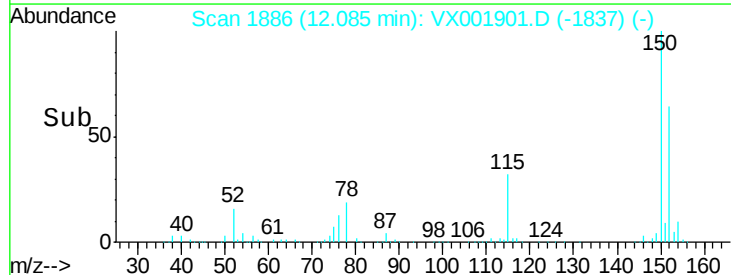
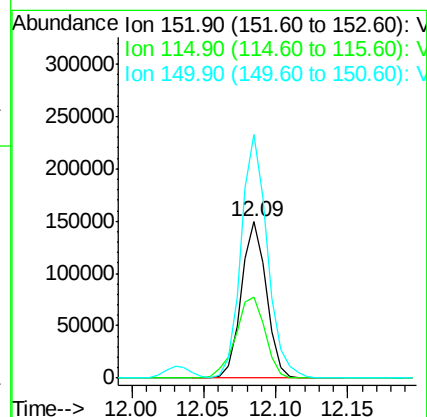
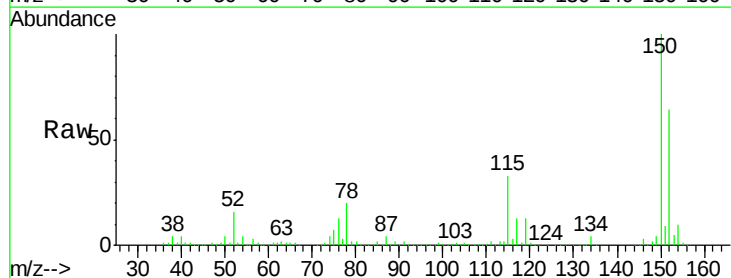
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 48378
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion:152 Resp: 180754
Ion Ratio Lower Upper
152 100
115 61.9 37.4 112.2
150 163.3 0.0 344.8





#73

Isopropylbenzene

Concen: 23.30 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

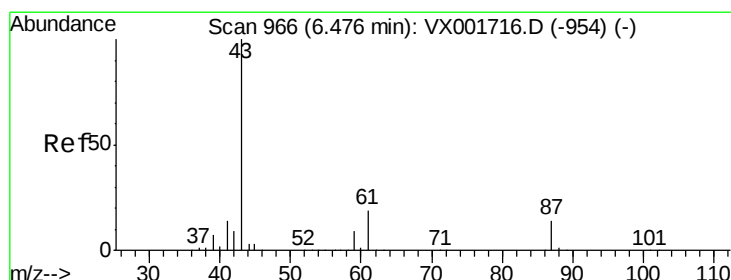
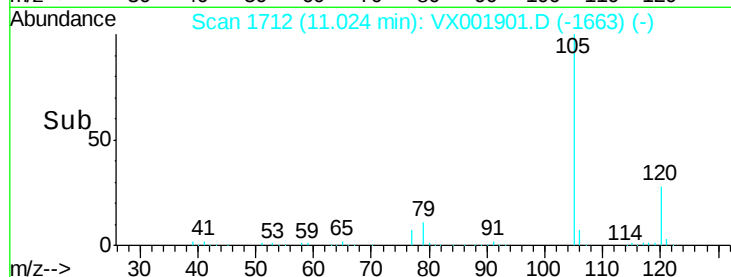
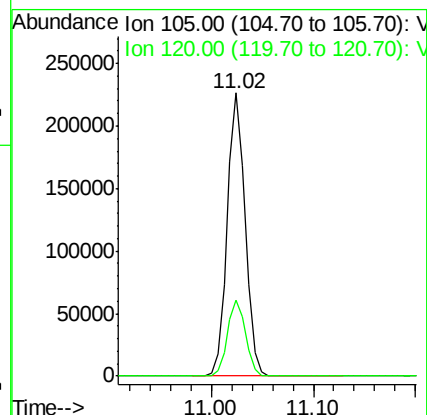
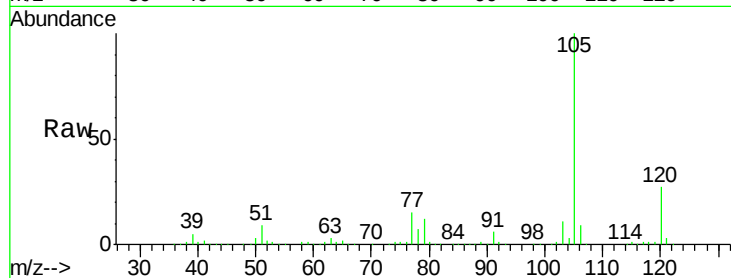
ClientSampleId :

Tot Ion:105 Resp: 277388

Ion Ratio Lower Upper

105 100

120 27.0 13.8 41.3



#74

N-ethyl acetate

Concen: 24.75 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Tgt Ion: 43 Resp: 141270

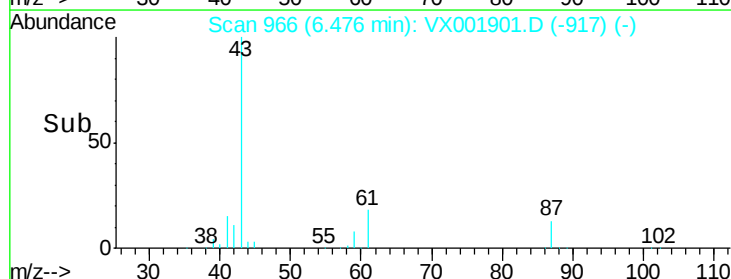
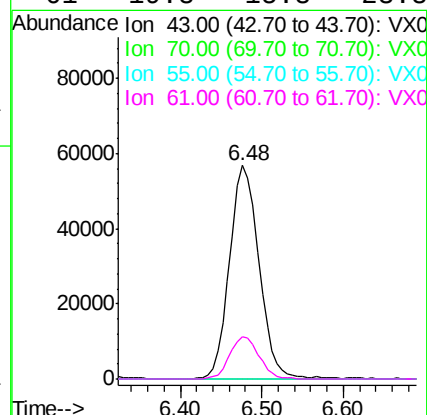
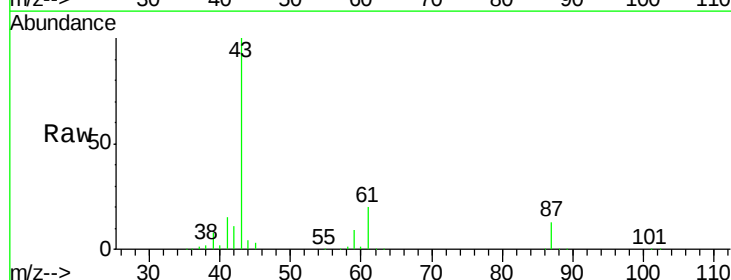
Ion Ratio Lower Upper

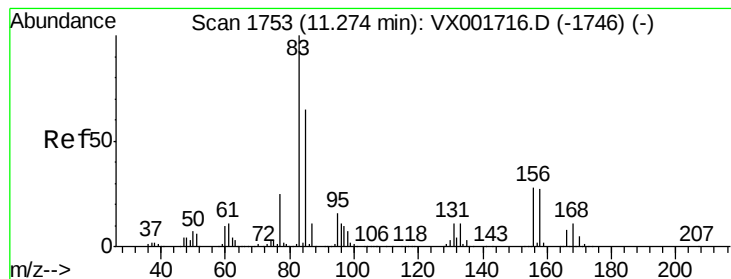
43 100

70 0.0 0.0 0.0

55 0.2 0.1 0.1#

61 19.8 15.8 23.8





#75

1,1,2,2-Tetrachloroethane

Concen: 24.47 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

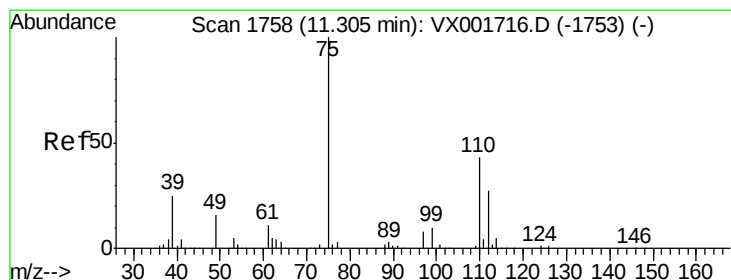
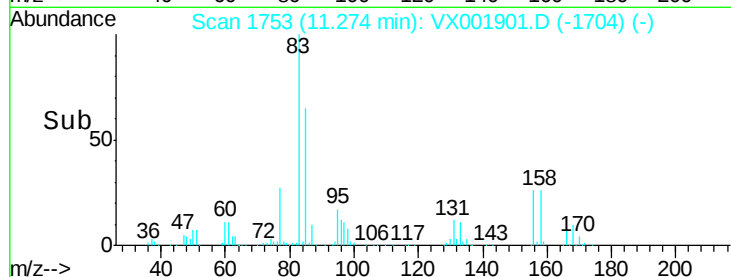
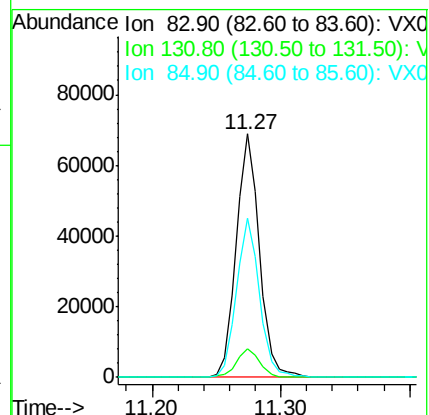
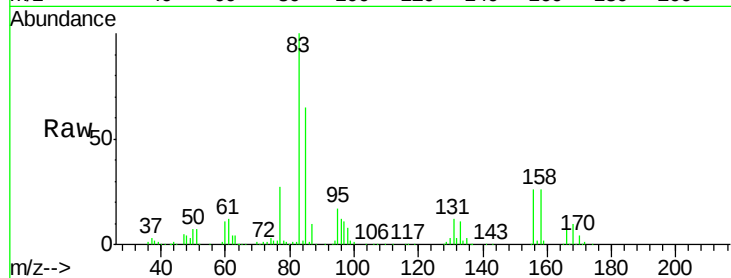
Tot Ion: 83 Resp: 87393

Ion Ratio Lower Upper

83 100

131 11.8 5.7 17.0

85 64.8 32.7 98.1



#76

1,2,3-Trichloropropane

Concen: 29.37 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001901.D

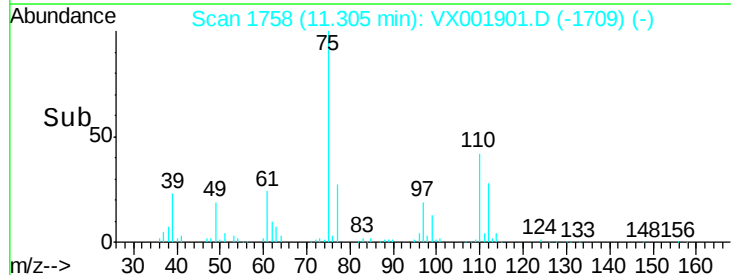
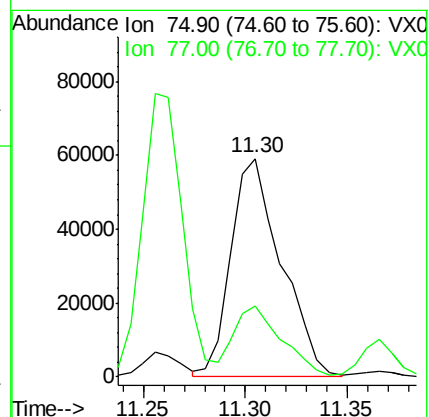
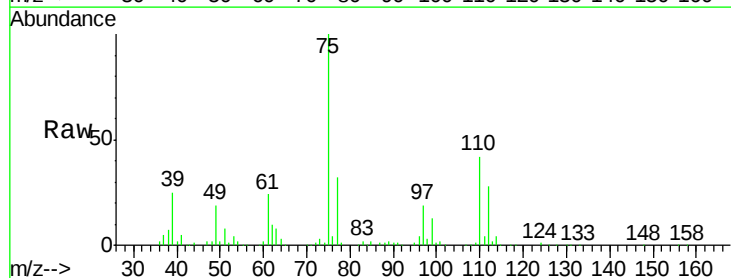
Acq: 22 May 2018 18:43

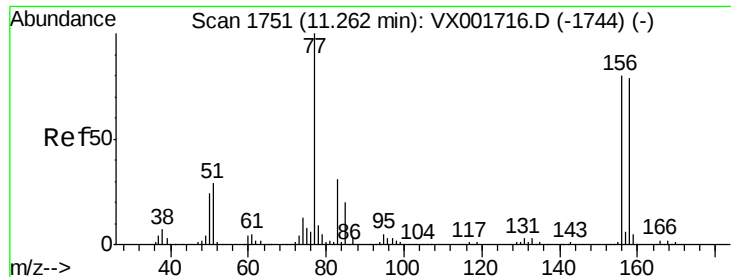
Tgt Ion: 75 Resp: 100961

Ion Ratio Lower Upper

75 100

77 30.5 18.9 56.7





#77

Bromobenzene

Concen: 22.75 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampled :

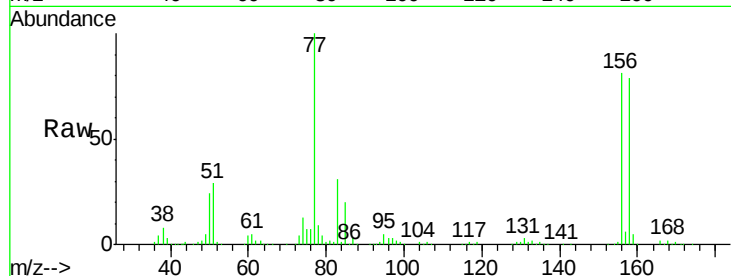
Tot Ion:156 Resp: 79581

Ion Ratio Lower Upper

156 100

77 131.9 65.3 196.0

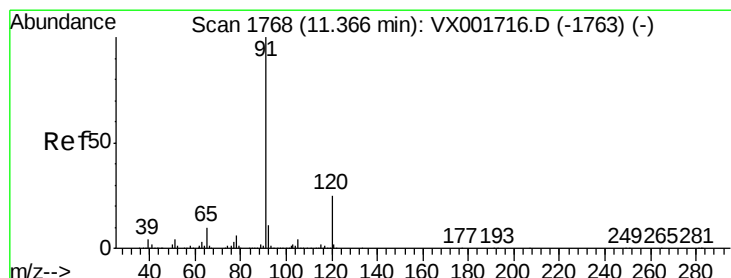
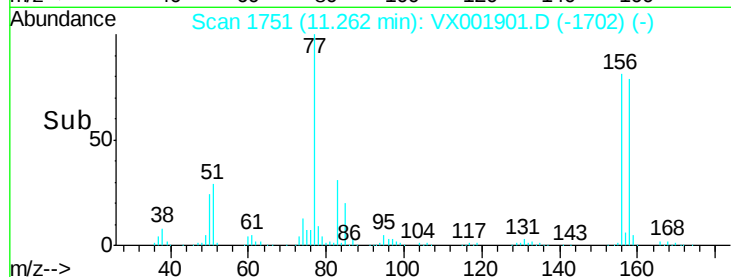
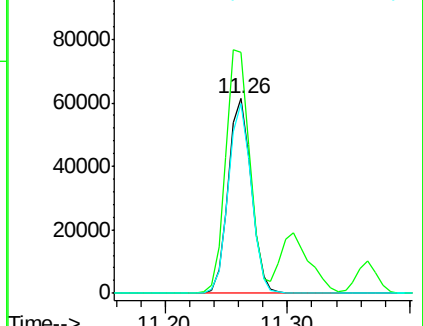
158 96.8 49.1 147.3



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: 22.26 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001901.D

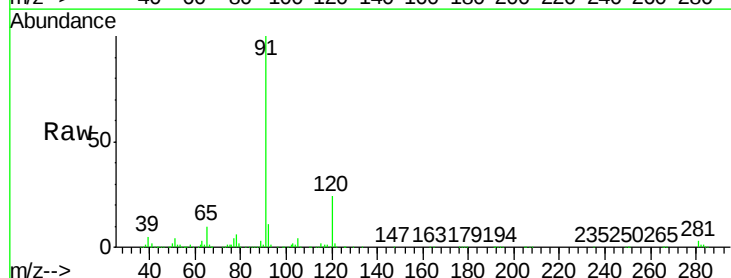
Acq: 22 May 2018 18:43

Tgt Ion: 91 Resp: 298537

Ion Ratio Lower Upper

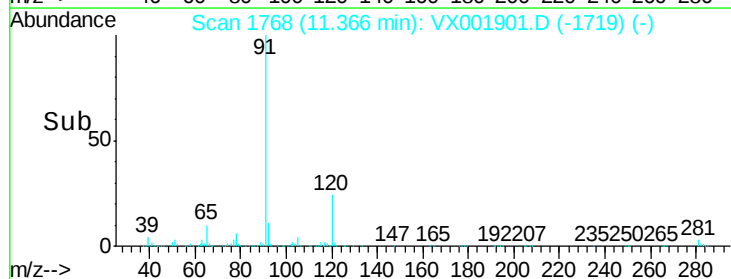
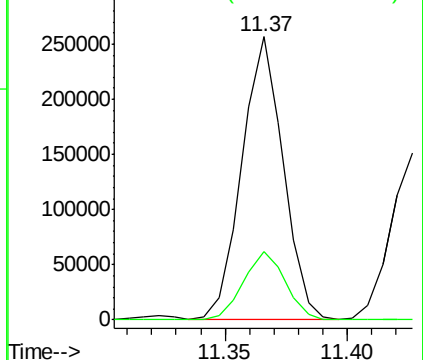
91 100

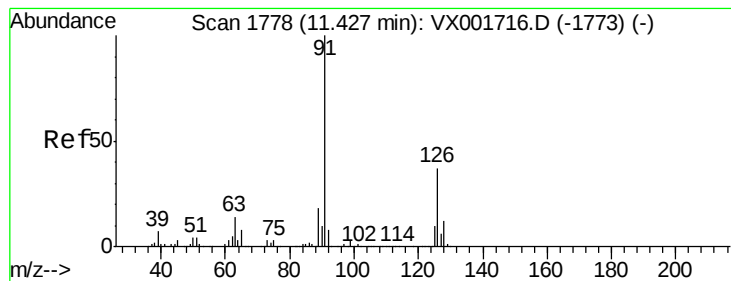
120 24.6 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.89 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

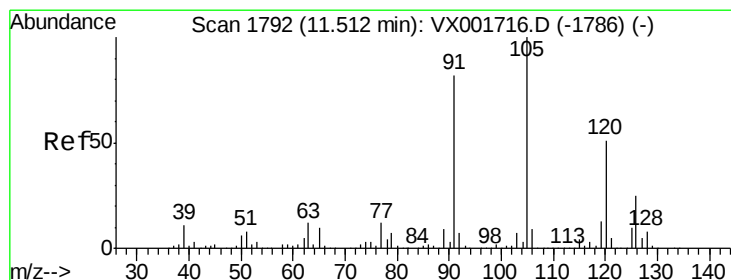
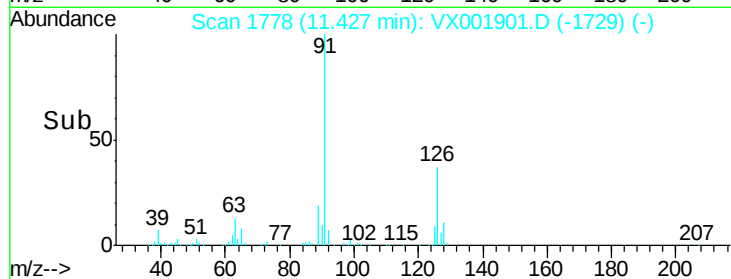
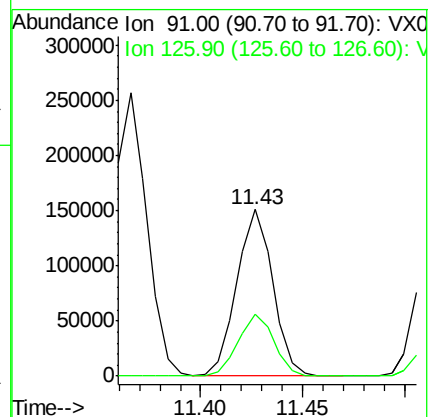
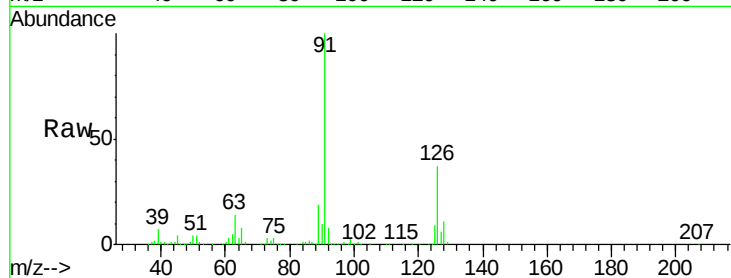
ClientSampleId :

Tot Ion: 91 Resp: 183555

Ion Ratio Lower Upper

91 100

126 37.2 18.4 55.4



#80

1,3,5-Trimethylbenzene

Concen: 23.16 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001901.D

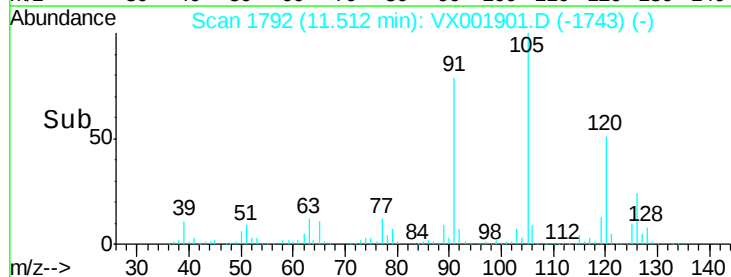
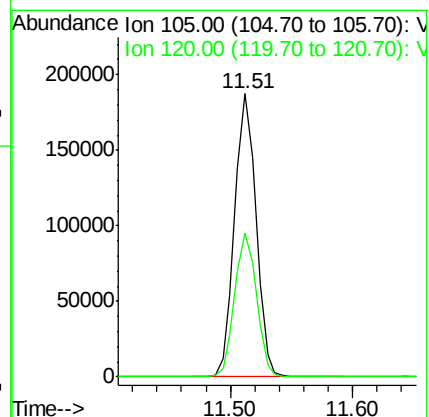
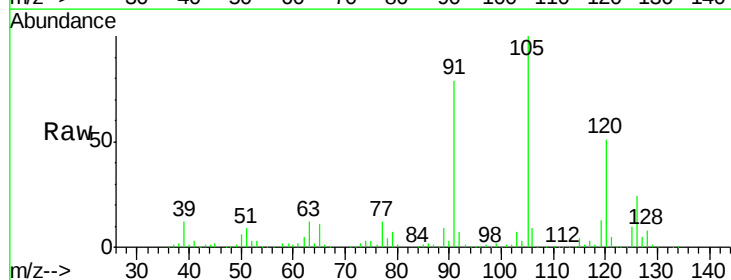
Acq: 22 May 2018 18:43

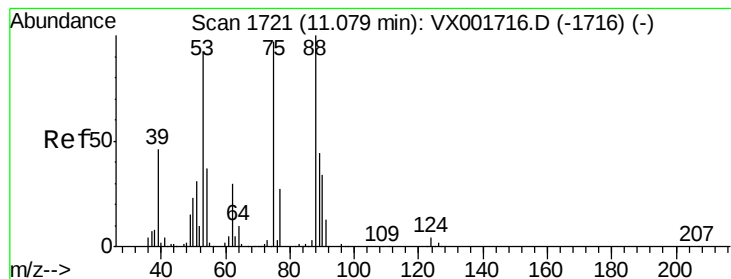
Tgt Ion: 105 Resp: 226122

Ion Ratio Lower Upper

105 100

120 51.9 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.09 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampled :

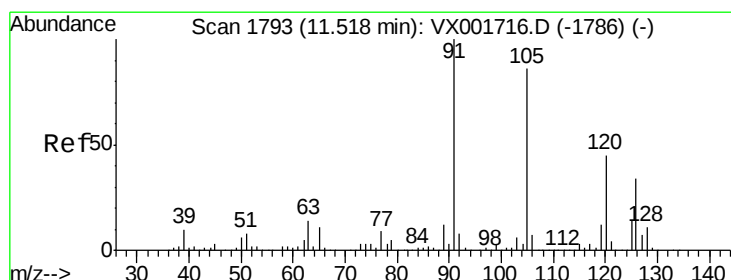
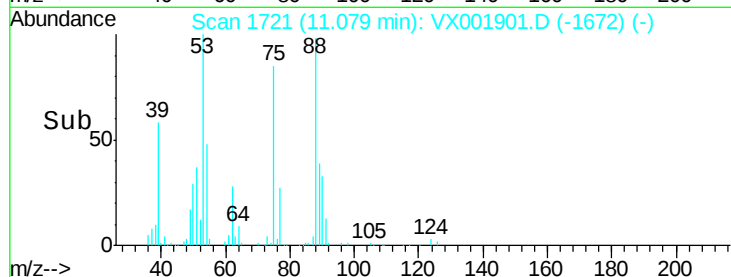
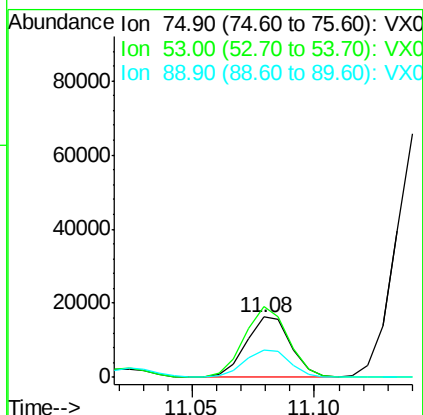
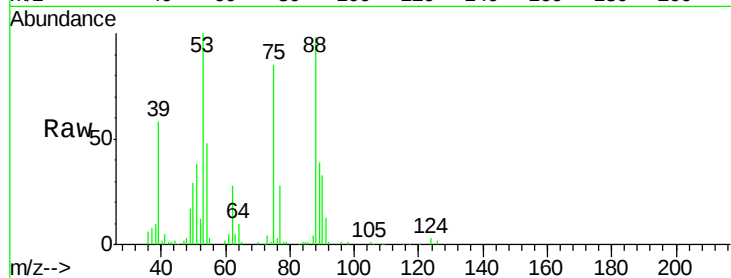
Tot Ion: 75 Resp: 20732

Ion Ratio Lower Upper

75 100

53 115.4 79.4 119.2

89 46.8 38.8 58.2



#82

4-Chlorotoluene

Concen: 22.14 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001901.D

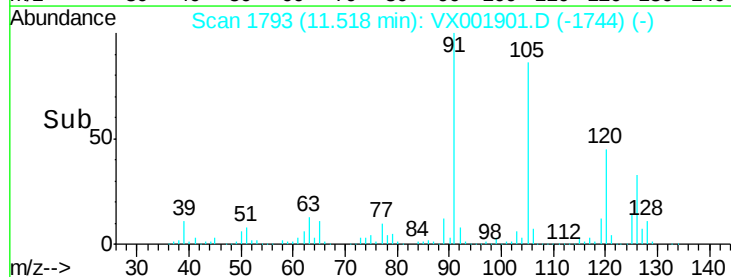
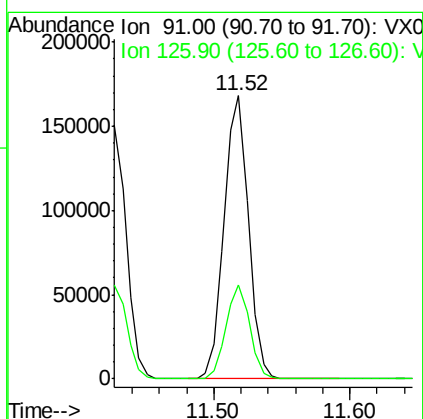
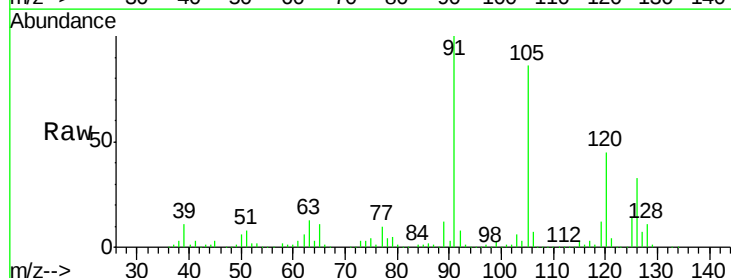
Acq: 22 May 2018 18:43

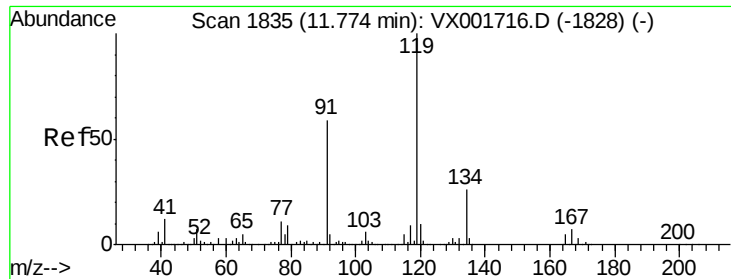
Tgt Ion: 91 Resp: 209215

Ion Ratio Lower Upper

91 100

126 32.2 16.4 49.1

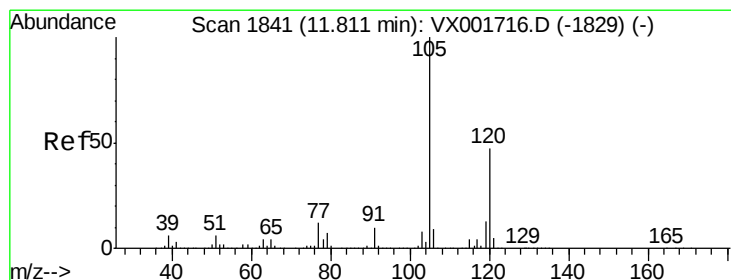
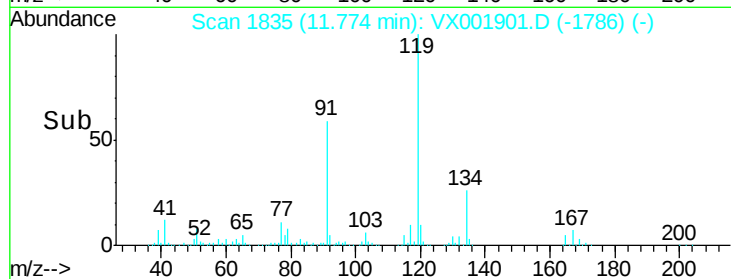
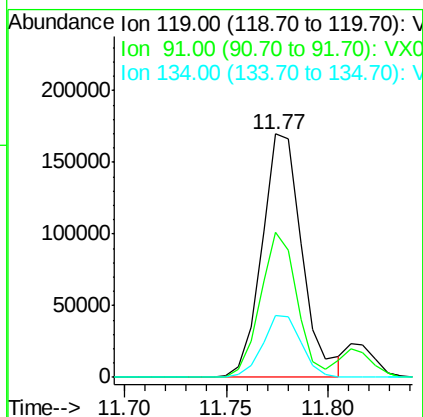
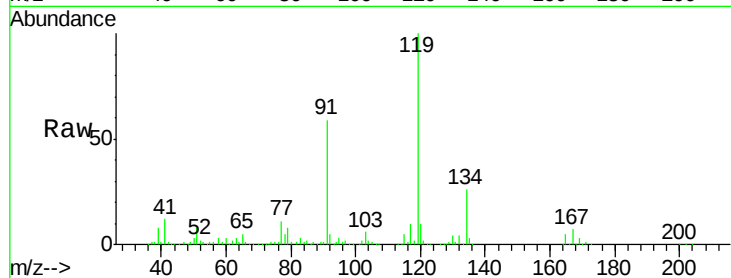




#83
 tert-Butylbenzene
 Concen: 23.94 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

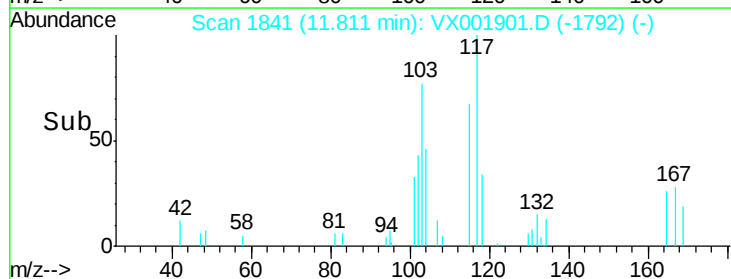
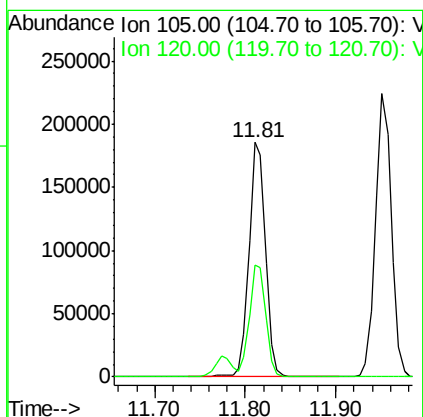
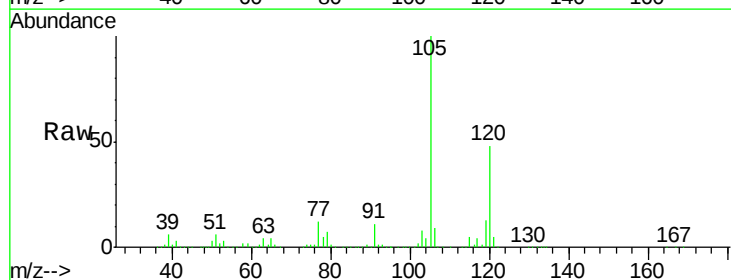
Instrument :
 MSVOA_X
 ClientSampled :

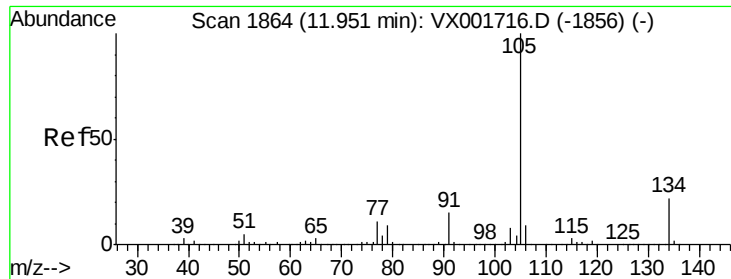
Tot Ion:119 Resp: 232696
 Ion Ratio Lower Upper
 119 100
 91 54.4 27.7 83.0
 134 24.5 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 23.14 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion:105 Resp: 234032
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.5 70.5





#85

sec-Butylbenzene

Concen: 22.67 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

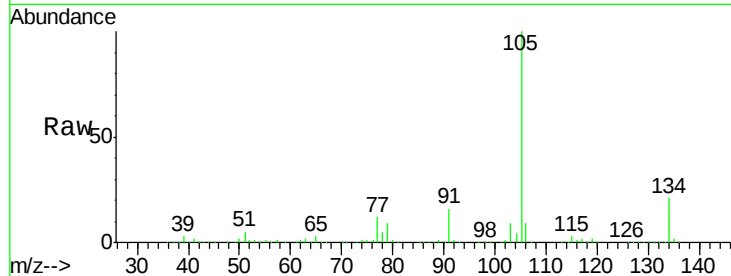
ClientSampleId :

Tot Ion:105 Resp: 271917

Ion Ratio Lower Upper

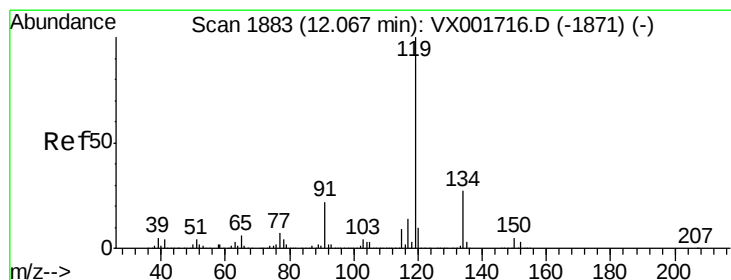
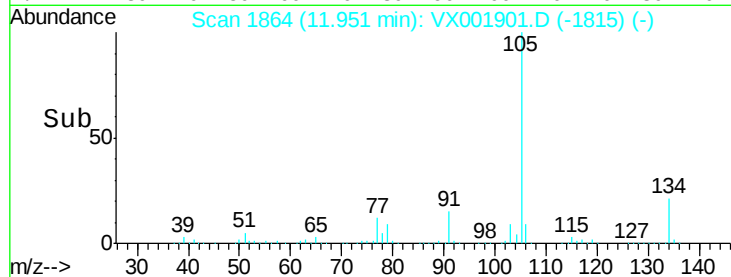
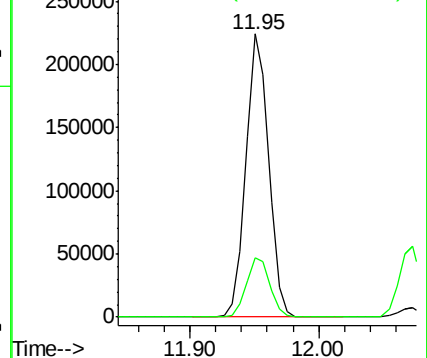
105 100

134 21.6 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: 22.20 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

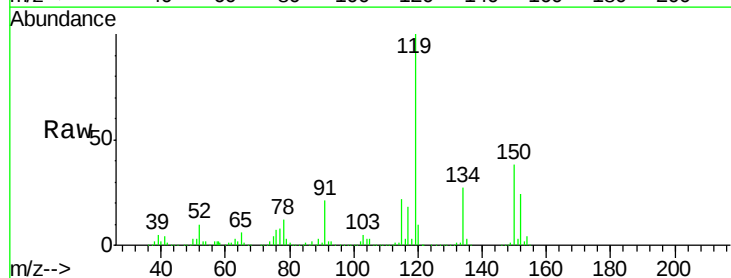
Tgt Ion:119 Resp: 246440

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

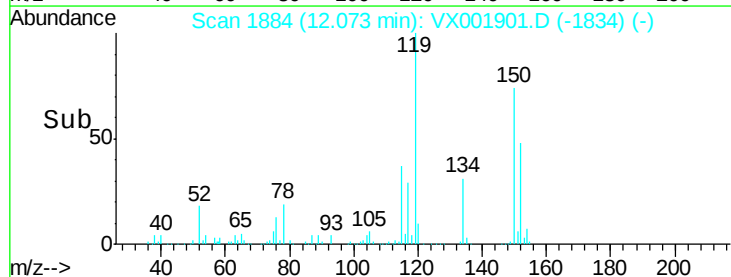
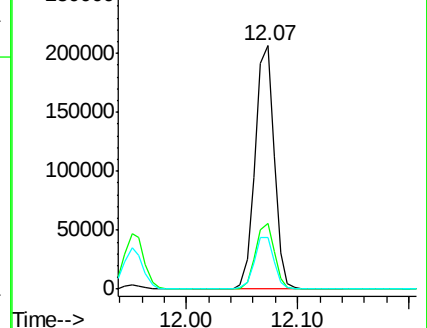
91 21.8 10.7 32.1

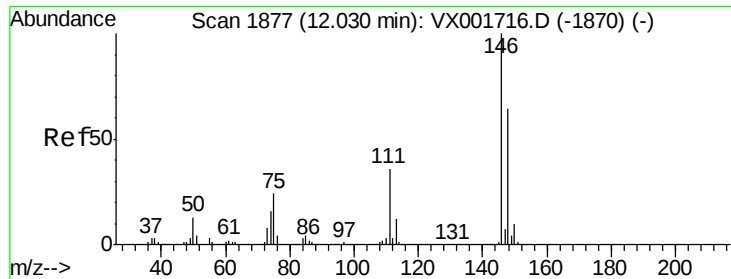


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 21.40 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

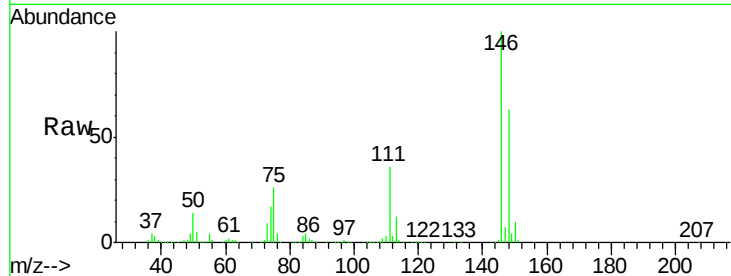
Tot Ion:146 Resp: 138441

Ion Ratio Lower Upper

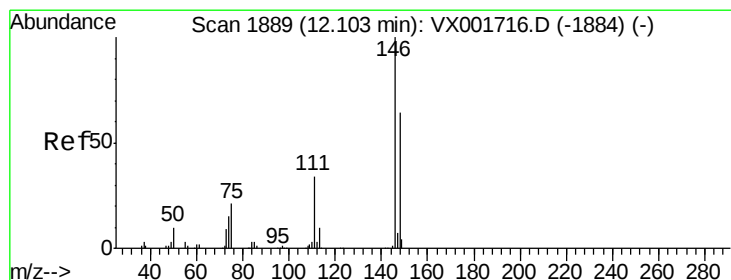
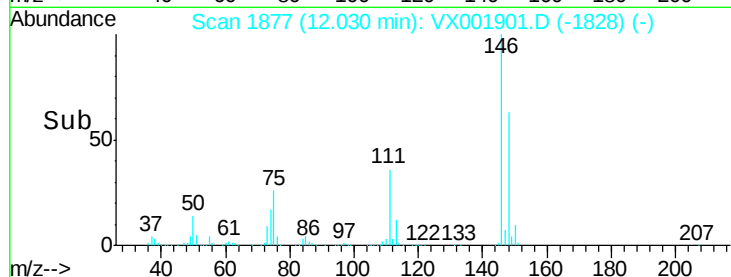
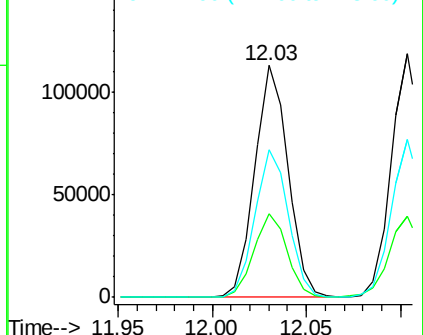
146 100

111 36.0 17.8 53.4

148 64.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.13 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

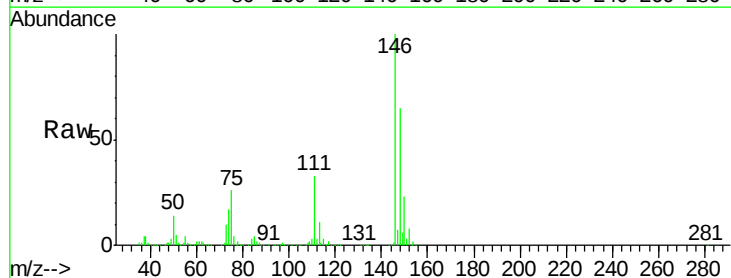
Tgt Ion:146 Resp: 141351

Ion Ratio Lower Upper

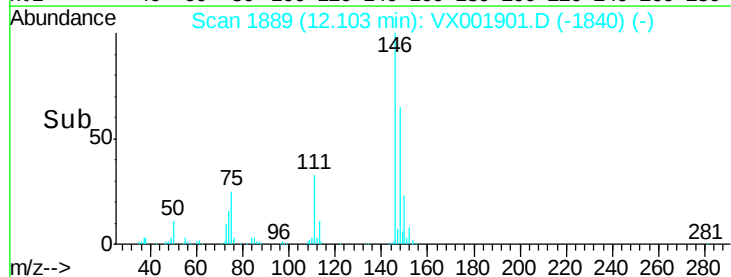
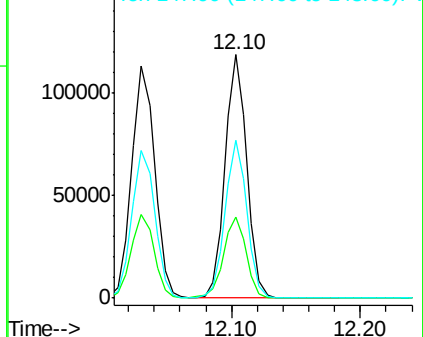
146 100

111 34.9 17.3 52.0

148 64.9 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.41 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampled :

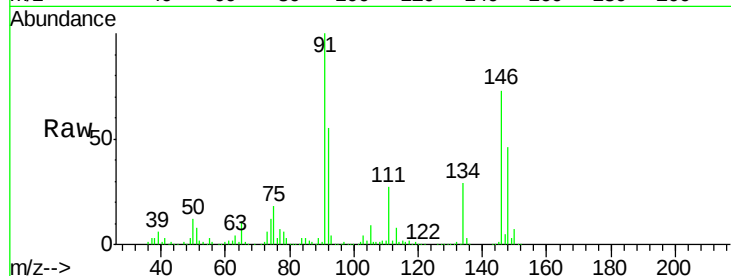
Tot Ion: 91 Resp: 186342

Ion Ratio Lower Upper

91 100

92 54.6 27.3 81.9

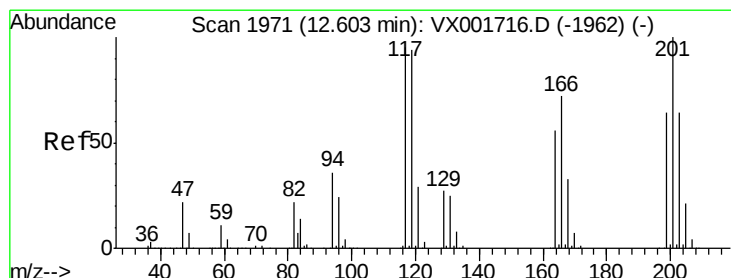
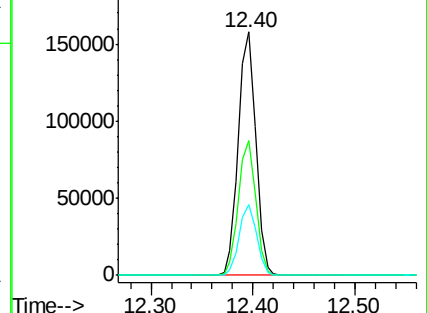
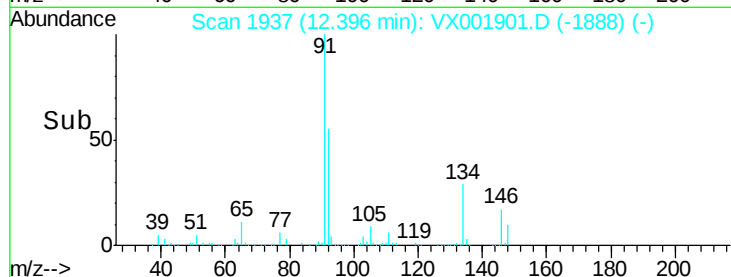
134 28.6 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX001901.D (-1888) (-)

Ion 92.00 (91.70 to 92.70): VX001901.D (-1888) (-)

Ion 134.00 (133.70 to 134.70): VX001901.D (-1888) (-)



#90

Hexachloroethane

Concen: 23.01 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001901.D

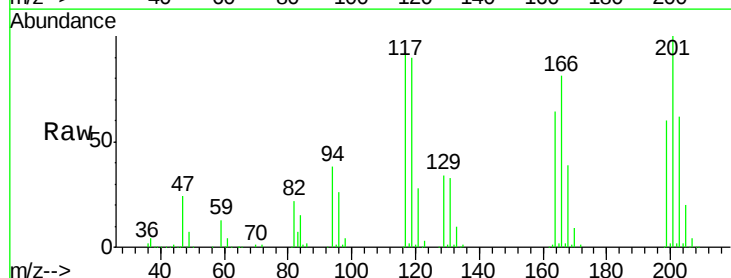
Acq: 22 May 2018 18:43

Tgt Ion: 117 Resp: 39664

Ion Ratio Lower Upper

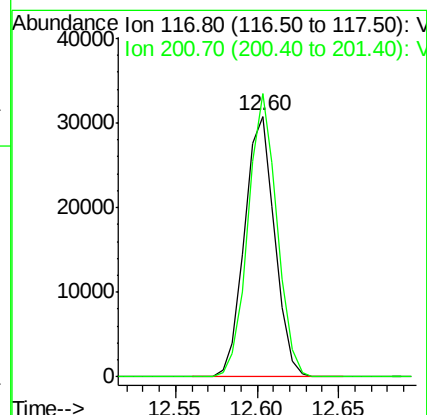
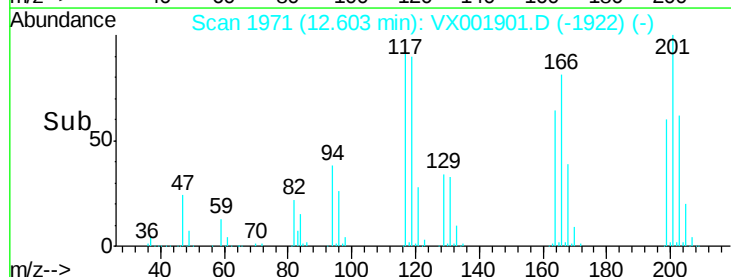
117 100

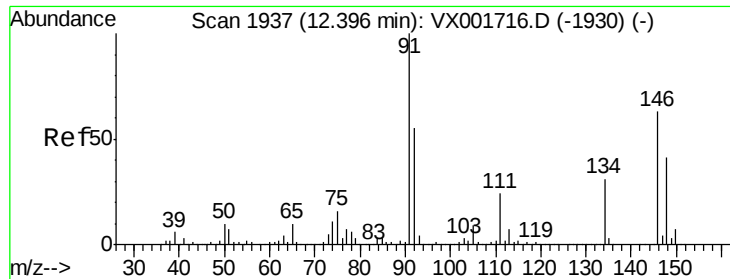
201 104.3 51.9 155.7



Abundance Ion 116.80 (116.50 to 117.50): VX001901.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX001901.D (-1922) (-)

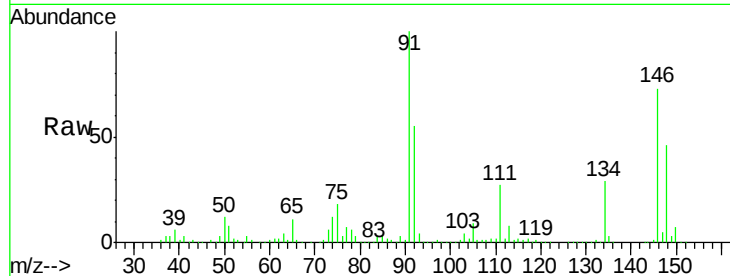




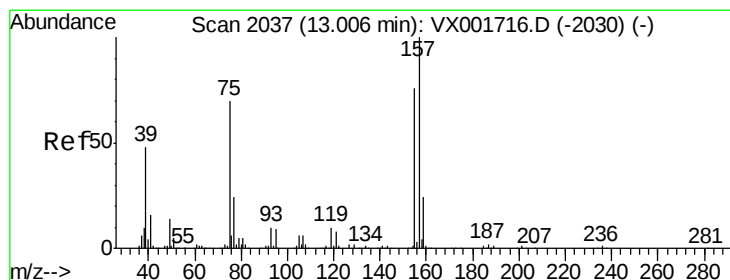
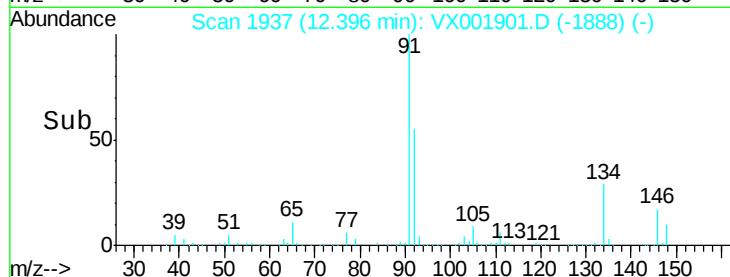
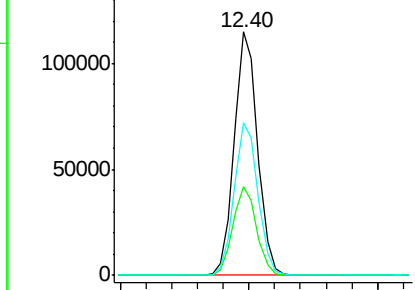
#91
 1,2-Dichlorobenzene
 Concen: 22.50 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 145028
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.6 56.0
 148 63.9 32.4 97.0

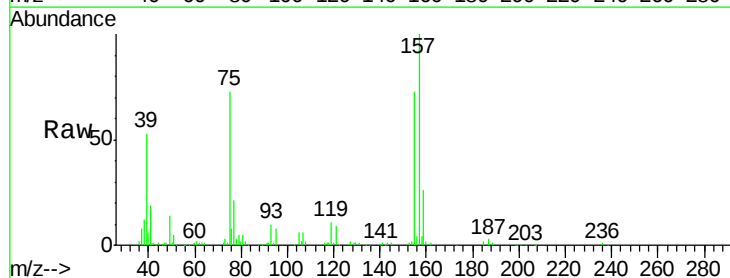


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

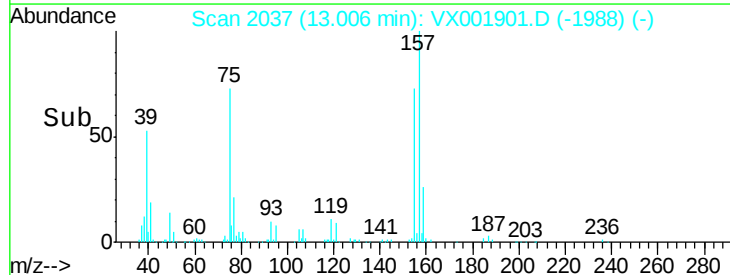
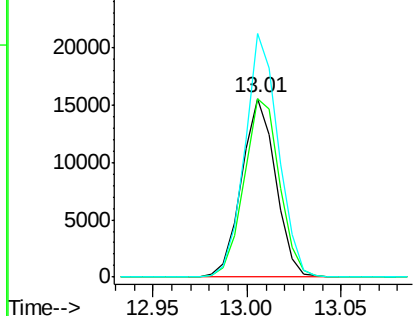


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 25.55 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion: 75 Resp: 19474
 Ion Ratio Lower Upper
 75 100
 155 104.3 53.9 161.8
 157 133.6 71.0 213.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

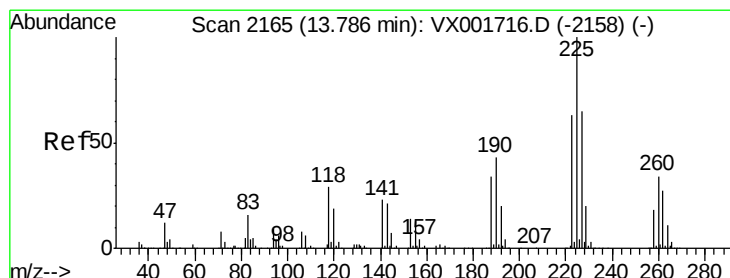
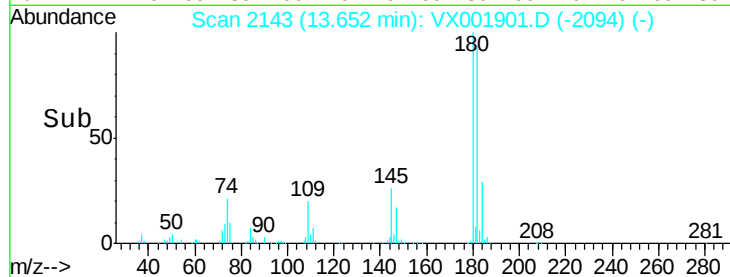
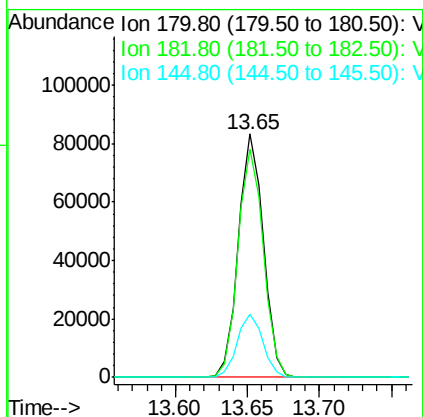
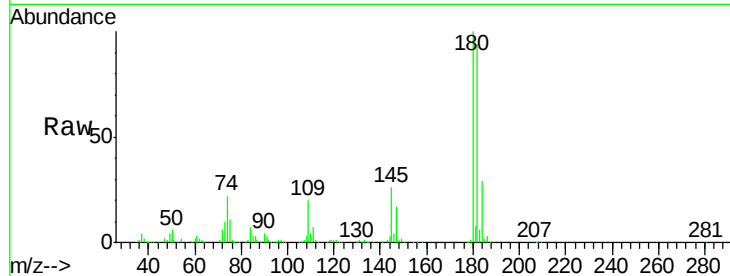




#93
 1,2,4-Trichlorobenzene
 Concen: 19.60 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

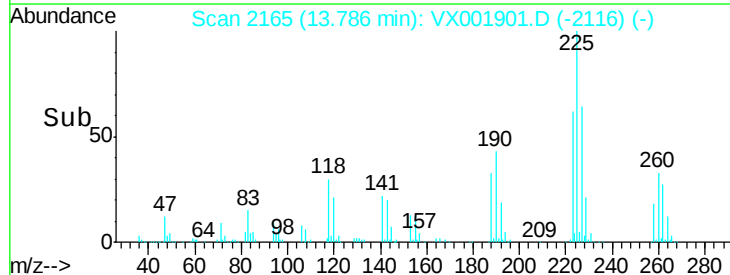
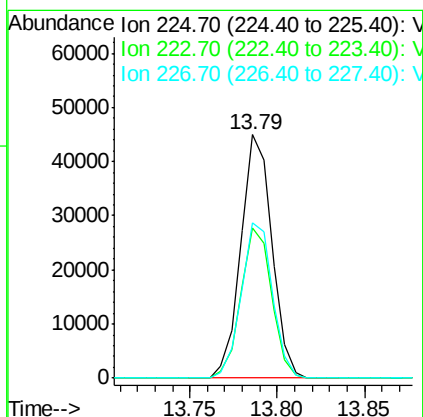
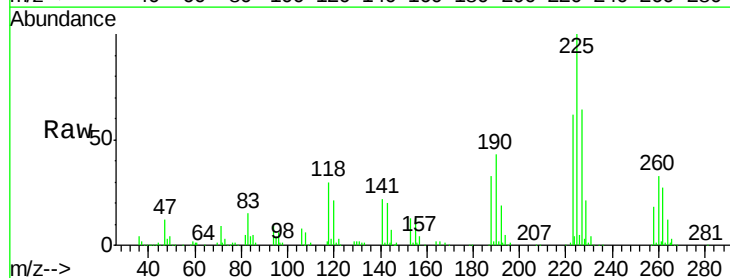
Instrument :
 MSVOA_X
 ClientSampled :

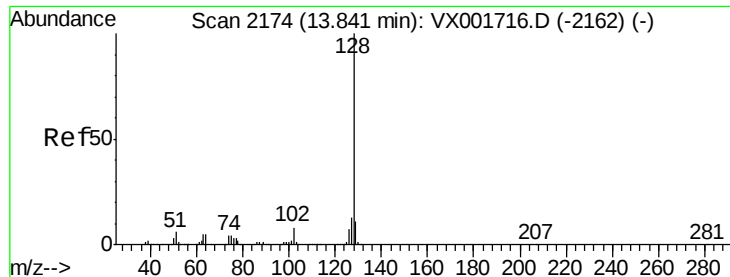
Tot Ion:180 Resp: 100685
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.6 142.9
 145 26.7 13.4 40.1



#94
 Hexachlorobutadiene
 Concen: 20.13 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion:225 Resp: 55510
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.1 93.5
 227 63.9 31.9 95.5





#95

Naphthalene

Concen: 22.50 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

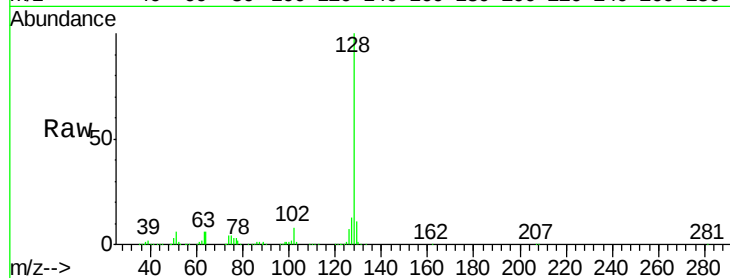
Tot Ion:128 Resp: 300527

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

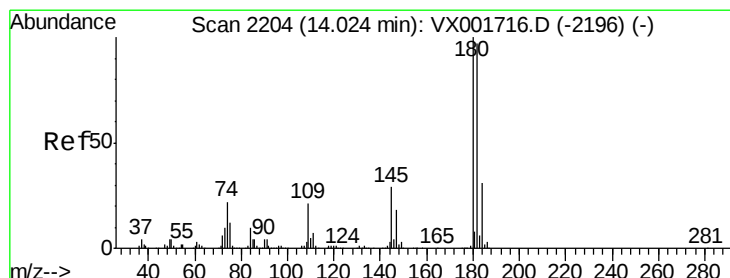
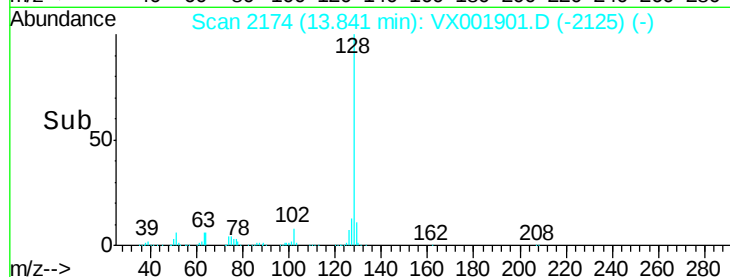
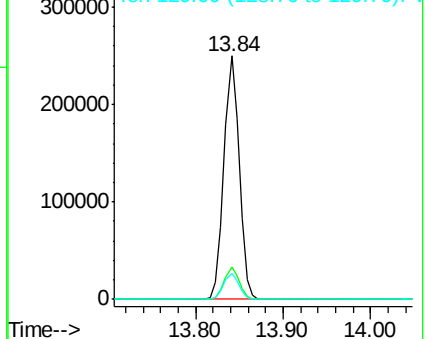
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.95 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

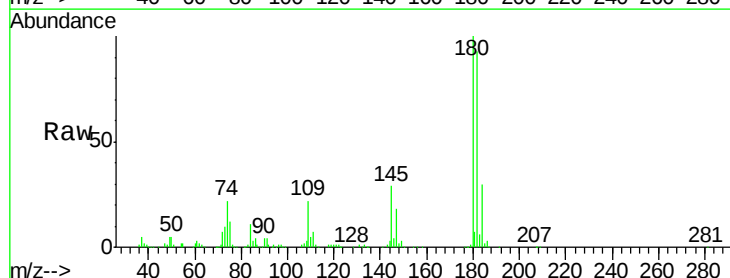
Tgt Ion:180 Resp: 108374

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.7

145 28.4 14.2 42.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

