

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002036.D
 Acq On : 26 May 2018 22:59
 Operator : JC/MD
 Sample : J3118-13MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 28 00:38:08 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	357687	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	225277	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	213680	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	5.51	113	167127	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
50) Toluene-d8	8.72	98	603309	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
62) 4-Bromofluorobenzene	11.14	95	238307	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	131310	43.08	ug/l	100
3) Chloromethane	1.32	50	178270	47.88	ug/l	100
4) Vinyl Chloride	1.41	62	177075	49.26	ug/l	99
5) Bromomethane	1.64	94	98470	59.70	ug/l	98
6) Chloroethane	1.72	64	115254	54.39	ug/l	97
7) Trichlorofluoromethane	1.93	101	272235	50.43	ug/l	100
8) Diethyl Ether	2.19	74	112930	57.66	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	147841	49.08	ug/l	98
10) Methyl Iodide	2.51	142	214624	52.66	ug/l	100
11) Tert butyl alcohol	3.09	59	237190	279.37	ug/l	98
12) 1,1-Dichloroethene	2.37	96	144915	51.38	ug/l	98
13) Acrolein	2.30	56	77227	210.38	ug/l	98
14) Allyl chloride	2.73	41	313463	52.95	ug/l	99
15) Acrylonitrile	3.15	53	494345	283.15	ug/l	99
16) Acetone	2.45	43	458395	274.61	ug/l	100
17) Carbon Disulfide	2.57	76	389691	48.01	ug/l	99
18) Methyl Acetate	2.78	43	242556	60.56	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	644276	60.74	ug/l	99
20) Methylene Chloride	2.86	84	173799	60.48	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	156486	57.22	ug/l	97
22) Diisopropyl ether	3.88	45	618765	51.38	ug/l	99
23) Vinyl Acetate	3.83	43	2656078	266.03	ug/l	99
24) 1,1-Dichloroethane	3.70	63	304636	53.26	ug/l	99
25) 2-Butanone	4.71	43	736478	240.72	ug/l	100
26) 2,2-Dichloropropane	4.59	77	195688	33.80	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	209311	56.91	ug/l	91
28) Bromochloromethane	5.03	49	136482	57.07	ug/l	99
29) Tetrahydrofuran	5.17	42	488192	245.26	ug/l	100
30) Chloroform	5.22	83	318962	49.49	ug/l	99
31) Cyclohexane	5.58	56	252691	42.40	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	278200	46.30	ug/l	100
36) 1,1-Dichloropropene	5.81	75	215896	43.39	ug/l	99
37) Ethyl Acetate	4.87	43	282255	43.52	ug/l	100
38) Carbon Tetrachloride	5.79	117	249042	42.93	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	245311	40.13	ug/l	97
40) Benzene	6.15	78	683155	46.87	ug/l	99
41) Methacrylonitrile	5.07	41	167049	48.77	ug/l	99
42) 1,2-Dichloroethane	6.20	62	274662	47.17	ug/l	100
43) Isopropyl Acetate	6.47	43	498658	46.14	ug/l	99
44) Trichloroethene	7.22	130	208897	49.18	ug/l	97
45) 1,2-Dichloropropane	7.52	63	189492	47.87	ug/l	100
46) Dibromomethane	7.67	93	126257	48.17	ug/l	99
47) Bromodichloromethane	7.90	83	257619	46.10	ug/l	99
48) Methyl methacrylate	7.78	41	257522	46.82	ug/l	99
49) 1,4-Dioxane	7.76	88	87635	904.09	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1584794	243.25	ug/l	99
52) Toluene	8.79	92	436401	47.05	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	289104	44.92	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	281760	44.93	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	183937	47.47	ug/l	99
56) Ethyl methacrylate	9.19	69	311641	46.75	ug/l	99
57) 1,3-Dichloropropane	9.38	76	308612	48.34	ug/l	99
59) 2-Hexanone	9.50	43	1208997	240.67	ug/l	100
60) Dibromochloromethane	9.59	129	213836	46.59	ug/l	99
61) 1,2-Dibromoethane	9.68	107	196538	48.33	ug/l	99
64) Tetrachloroethene	9.34	164	207660	43.20	ug/l	99
65) Chlorobenzene	10.14	112	501941	47.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	199001	46.40	ug/l	99
67) Ethyl Benzene	10.26	91	853614	46.25	ug/l	98
68) m/p-Xylenes	10.37	106	656617	93.07	ug/l	99
69) o-Xylene	10.70	106	326998	46.42	ug/l	100
70) Styrene	10.72	104	522353	44.71	ug/l	100
71) Bromoform	10.86	173	182943	44.98	ug/l #	100
73) Isopropylbenzene	11.02	105	859284	45.04	ug/l	99
74) N-amyl acetate	6.47	43	498658	50.41	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	277402	53.25	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	344234	63.62	ug/l	80
77) Bromobenzene	11.26	156	239588	47.34	ug/l	97
78) n-propylbenzene	11.37	91	956012	44.75	ug/l	99
79) 2-Chlorotoluene	11.43	91	591097	50.45	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	732536	44.93	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	87875	39.03	ug/l	96
82) 4-Chlorotoluene	11.51	91	688018	45.66	ug/l	100
83) tert-Butylbenzene	11.77	119	719140	44.95	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	758066	45.00	ug/l	100
85) sec-Butylbenzene	11.95	105	843471	43.86	ug/l	99
86) p-Isopropyltoluene	12.07	119	760043	44.17	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	420602	46.40	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	426972	47.12	ug/l	99
89) n-Butylbenzene	12.39	91	632013	43.34	ug/l	99
90) Hexachloroethane	12.60	117	142698	42.04	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	434616	47.06	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	73105	43.10	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	305166	46.21	ug/l	100

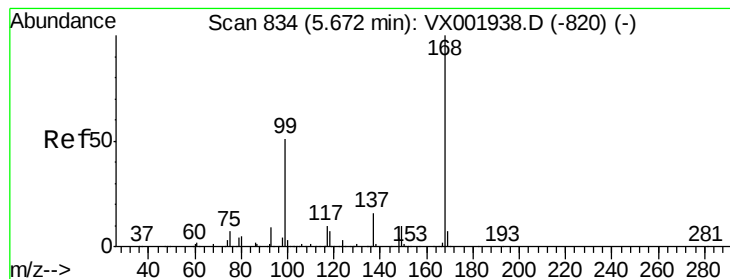
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	139878	39.38	ug/l	99
95) Naphthalene	13.84	128	955606	46.97	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	318623	46.63	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

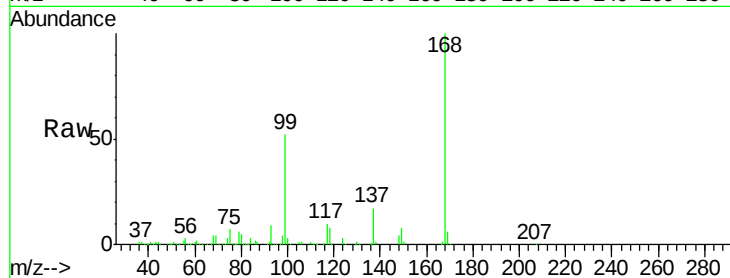
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 241971

Ion Ratio Lower Upper

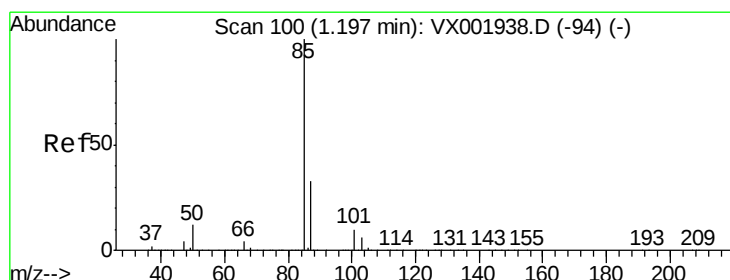
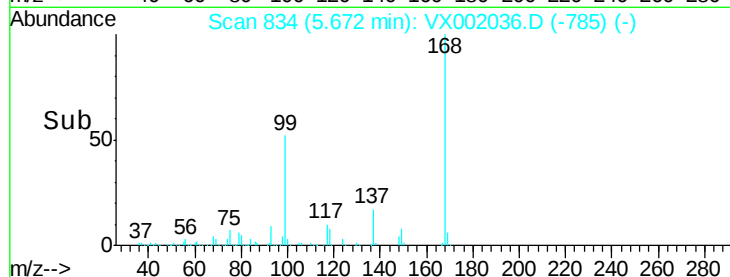
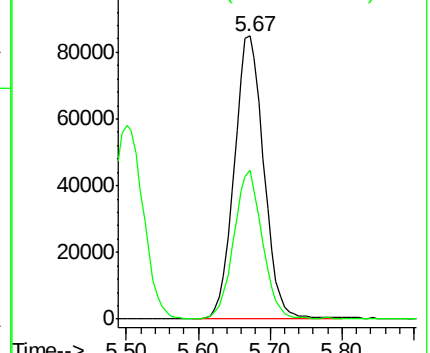
168 100

99 52.3 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.08 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002036.D

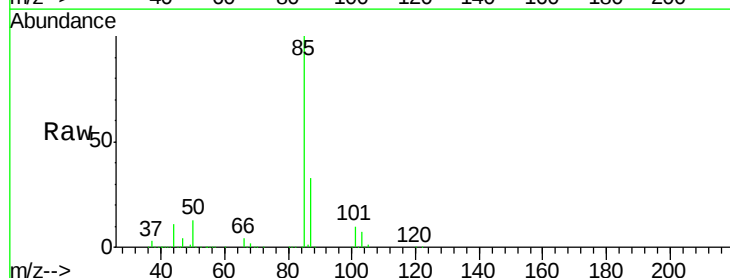
Acq: 26 May 2018 22:59

Tgt Ion: 85 Resp: 131310

Ion Ratio Lower Upper

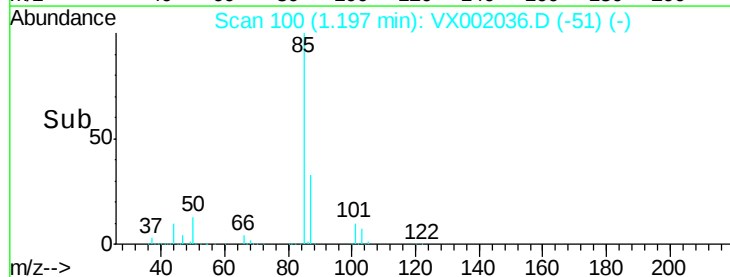
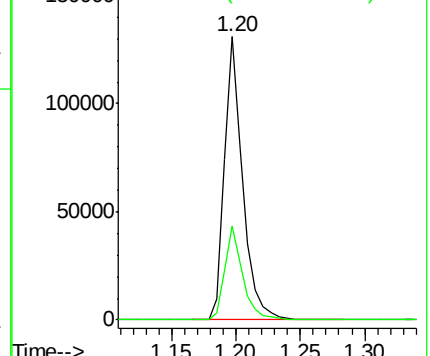
85 100

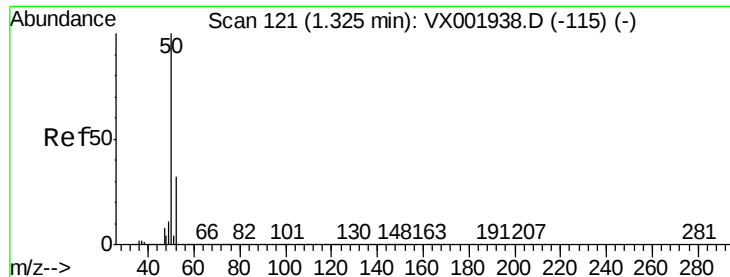
87 33.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.88 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

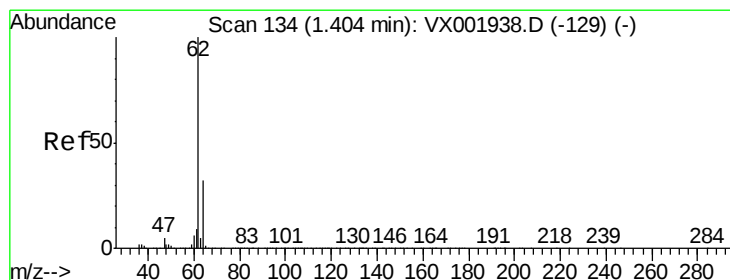
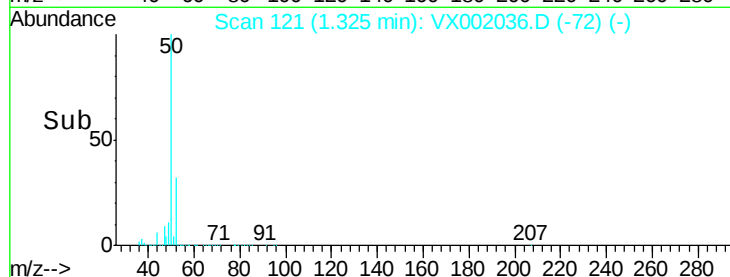
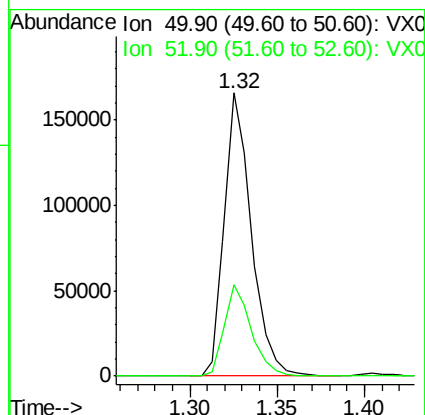
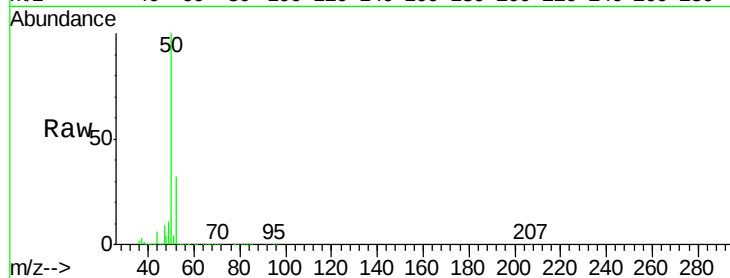
ClientSampleId :

Tot Ion: 50 Resp: 178270

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



#4

Vinyl Chloride

Concen: 49.26 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002036.D

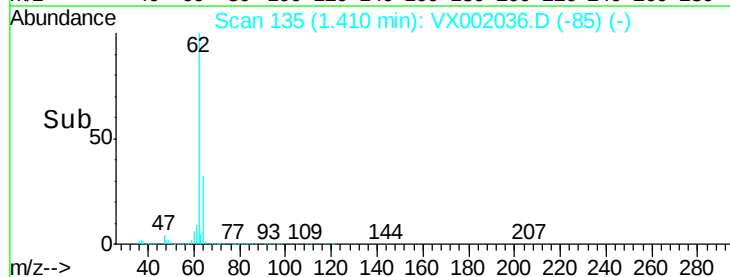
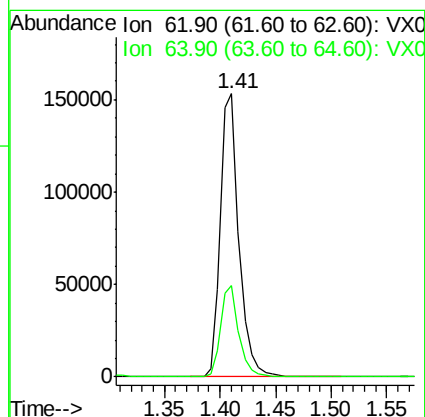
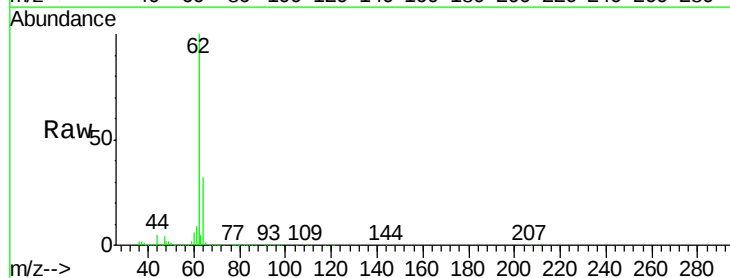
Acq: 26 May 2018 22:59

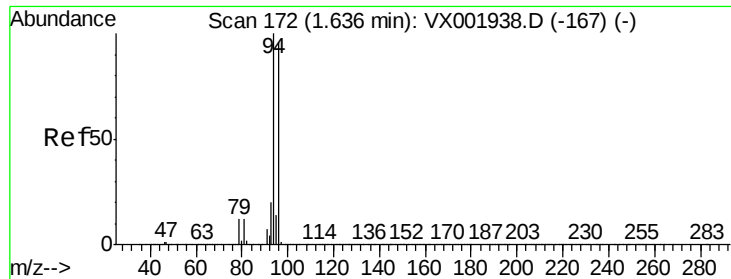
Tgt Ion: 62 Resp: 177075

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 59.70 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

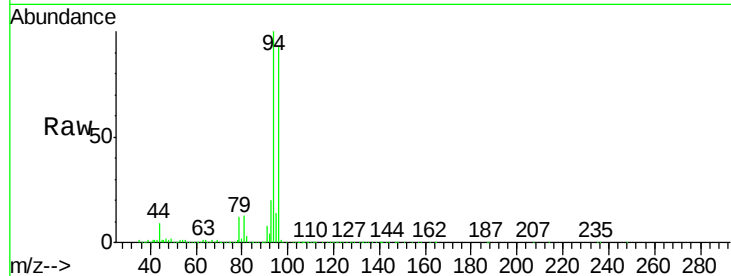
ClientSampleId :

Tot Ion: 94 Resp: 98470

Ion Ratio Lower Upper

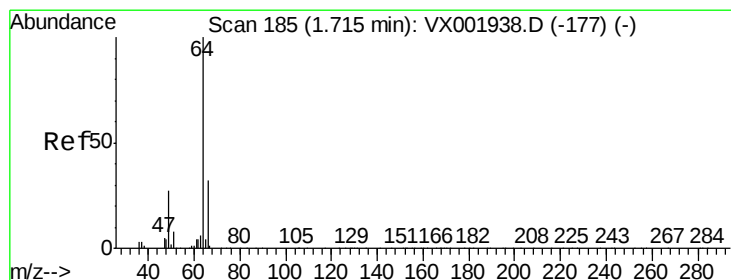
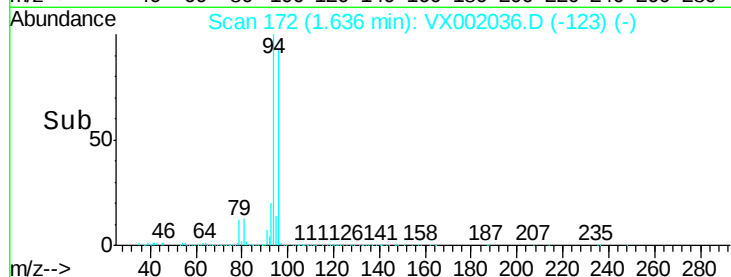
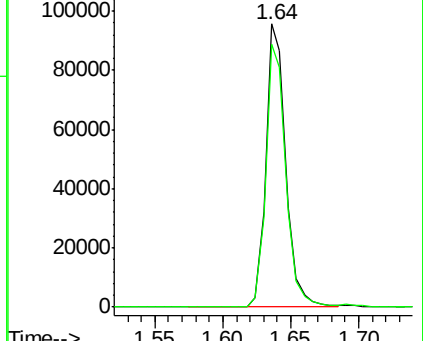
94 100

96 93.0 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.39 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002036.D

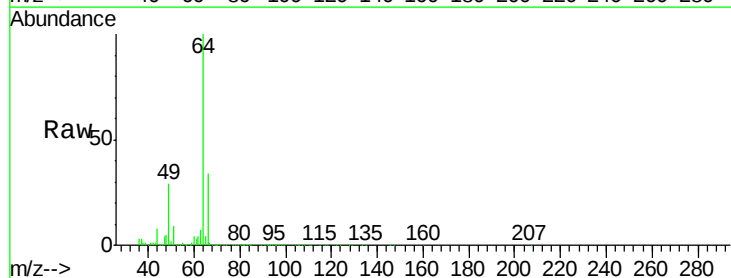
Acq: 26 May 2018 22:59

Tgt Ion: 64 Resp: 115254

Ion Ratio Lower Upper

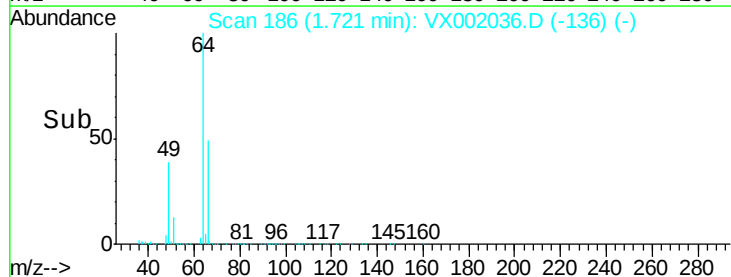
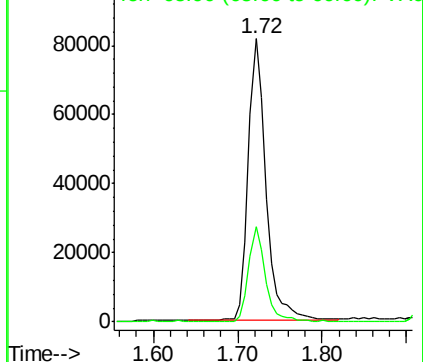
64 100

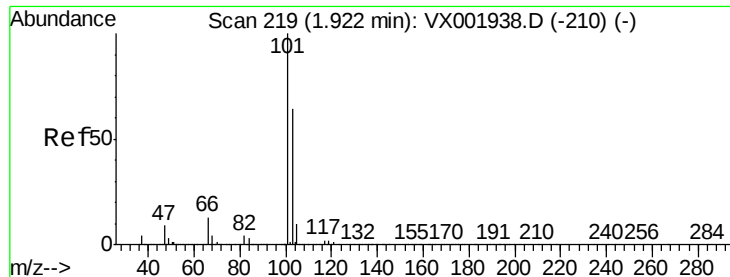
66 33.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



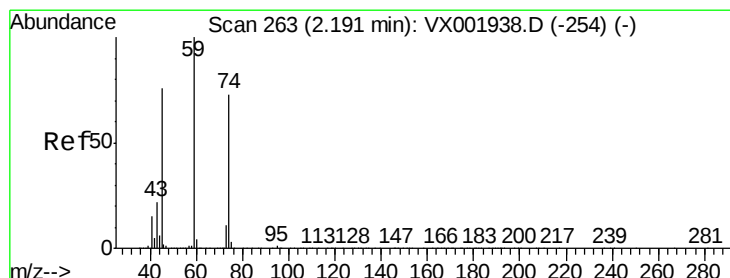
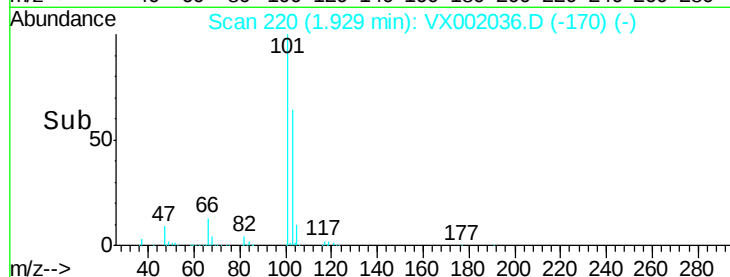
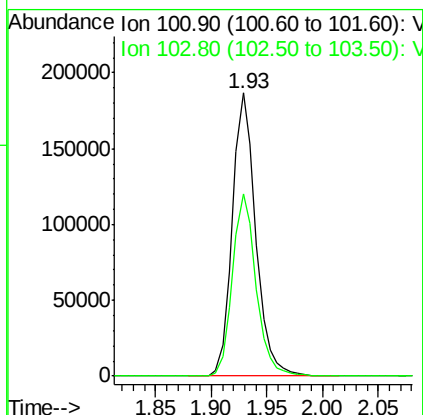
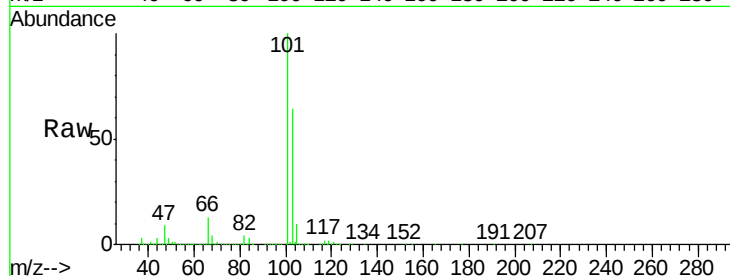


#7

Trichlorofluoromethane
Concen: 50.43 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

Instrument :
MSVOA_X
ClientSampleId :

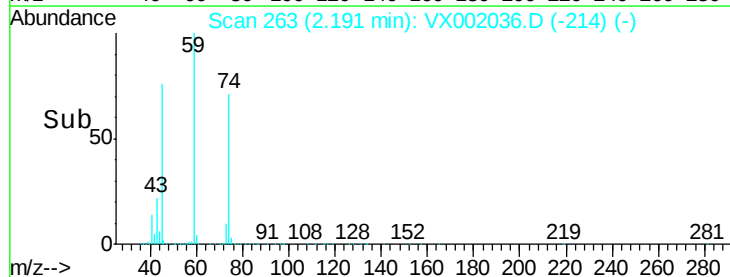
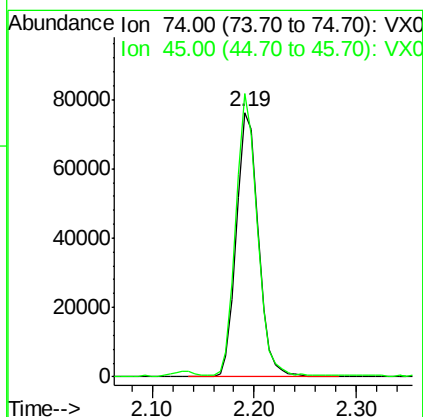
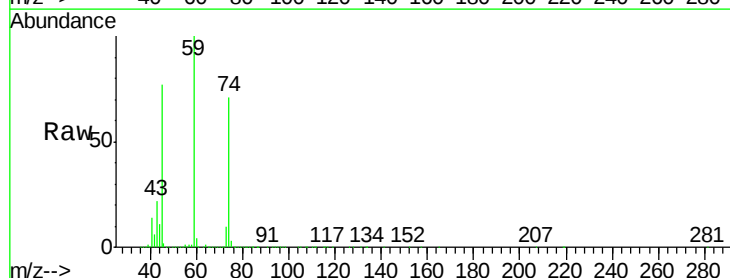
Tot Ion:101 Resp: 272235
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0

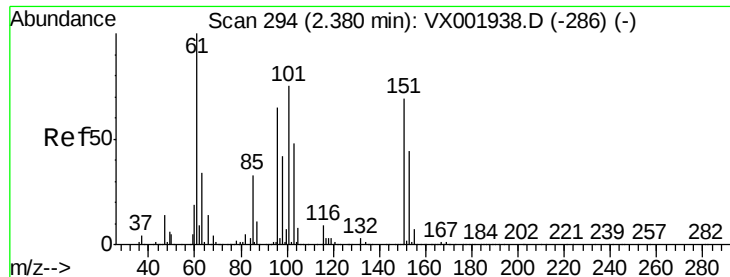


#8

Diethyl Ether
Concen: 57.66 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

Tgt Ion: 74 Resp: 112930
Ion Ratio Lower Upper
74 100
45 103.7 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.08 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

ClientSampled :

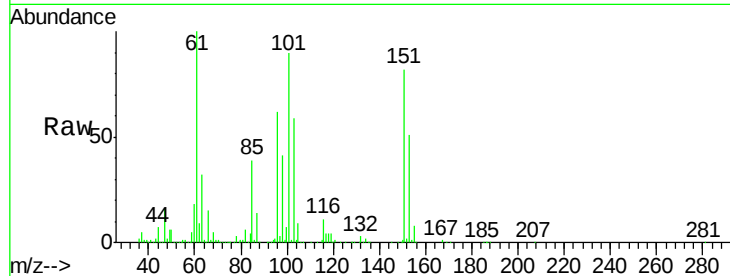
Tot Ion:101 Resp: 147841

Ion Ratio Lower Upper

101 100

85 44.0 35.6 53.4

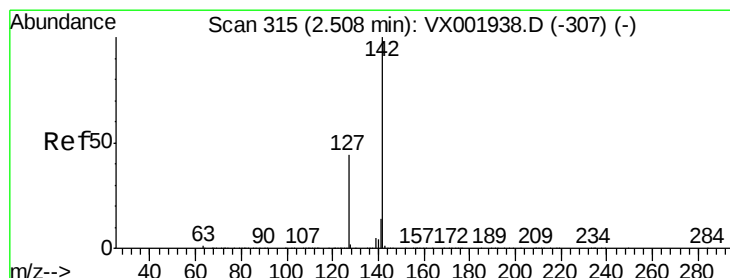
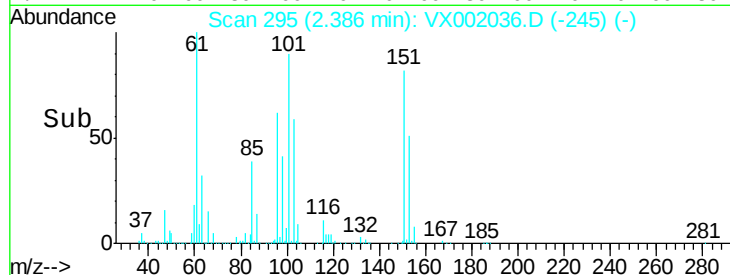
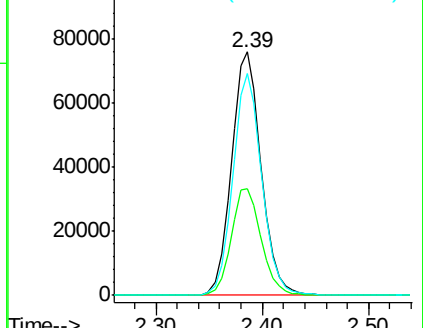
151 88.9 73.2 109.8



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: 52.66 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

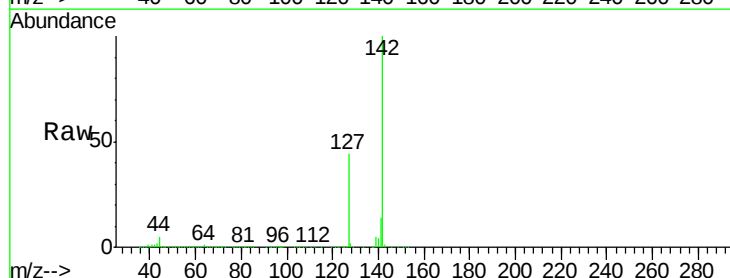
Tgt Ion:142 Resp: 214624

Ion Ratio Lower Upper

142 100

127 44.7 35.5 53.3

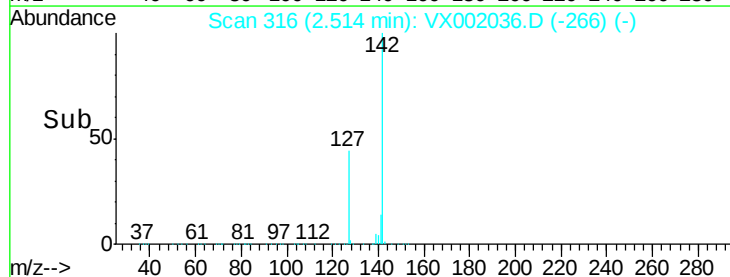
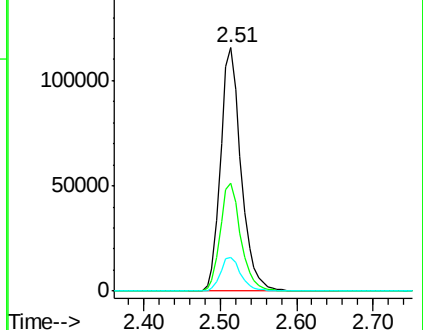
141 14.3 11.3 16.9

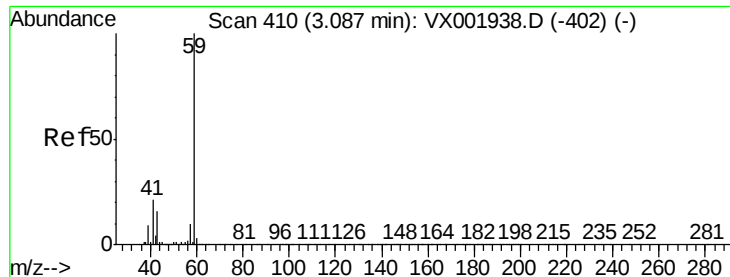


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



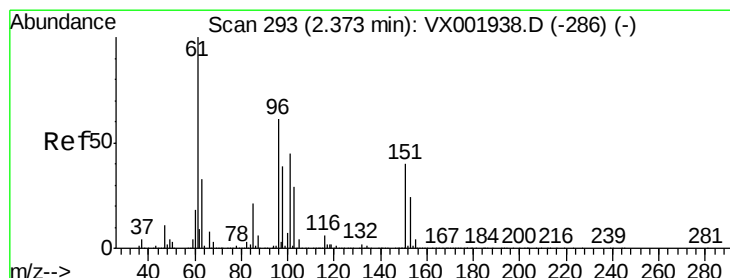
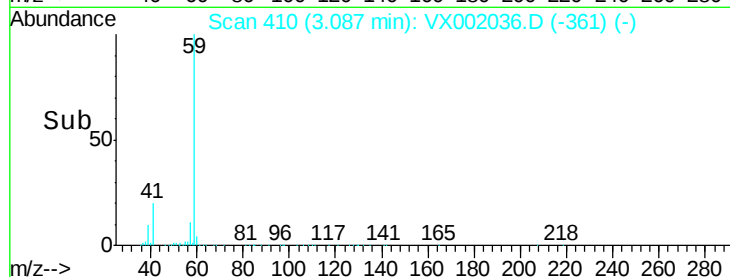
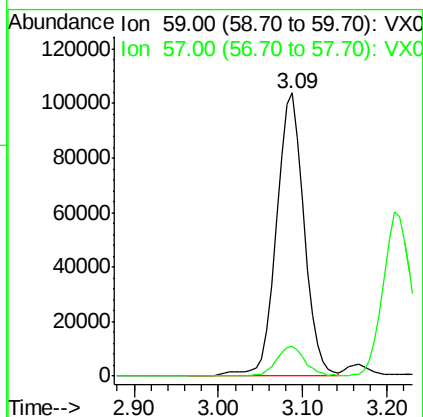
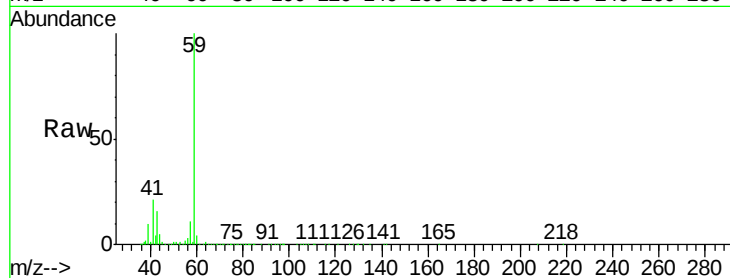


#11

Tert butyl alcohol
Concen: 279.37 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

Instrument :
MSVOA_X
ClientSampled :

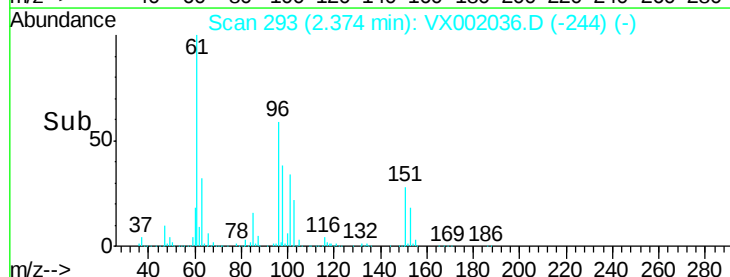
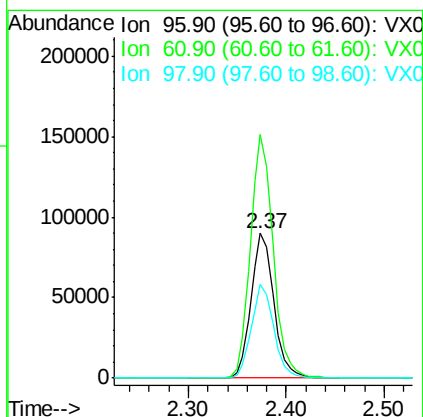
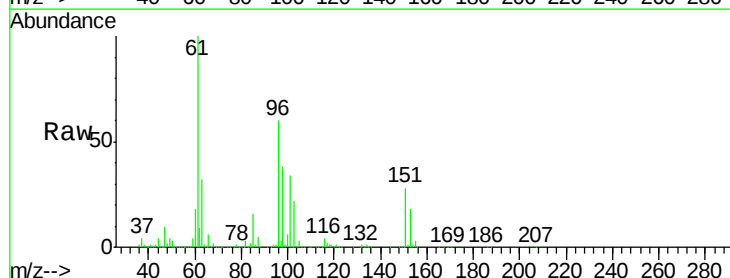
Tot Ion: 59 Resp: 237190
Ion Ratio Lower Upper
59 100
57 10.2 8.9 13.3

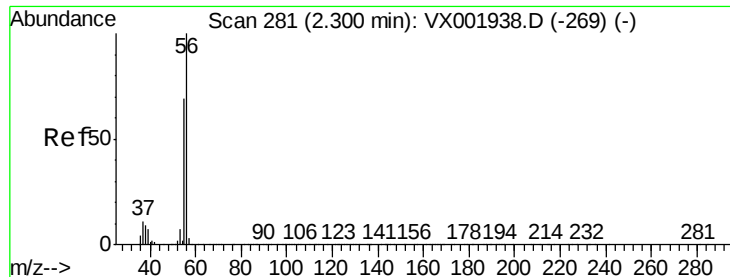


#12

1,1-Dichloroethene
Concen: 51.38 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

Tgt Ion: 96 Resp: 144915
Ion Ratio Lower Upper
96 100
61 168.1 131.7 197.5
98 64.6 51.6 77.4





#13

Acrolein

Concen: 210.38 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

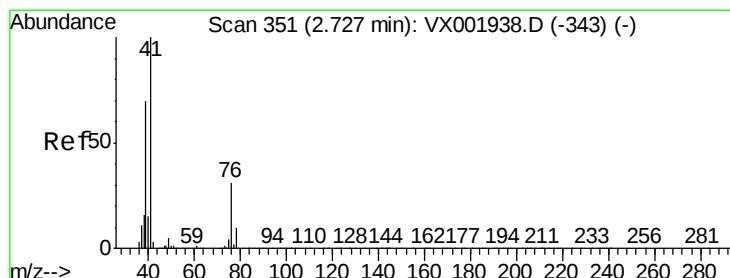
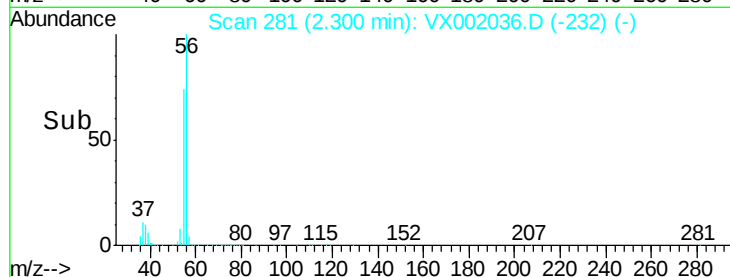
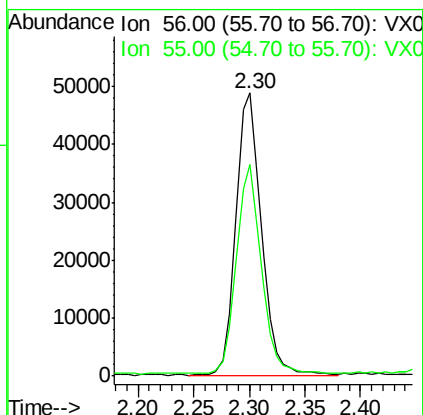
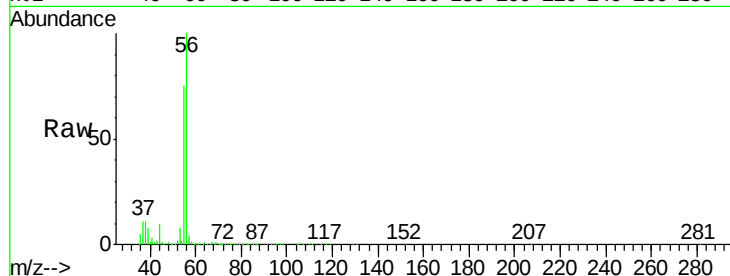
ClientSampleId :

Tot Ion: 56 Resp: 77227

Ion Ratio Lower Upper

56 100

55 72.5 56.8 85.2



#14

Allyl chloride

Concen: 52.95 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

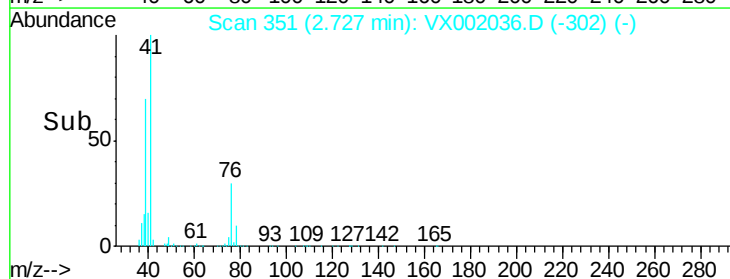
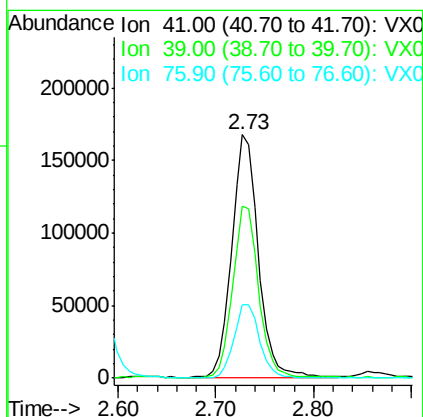
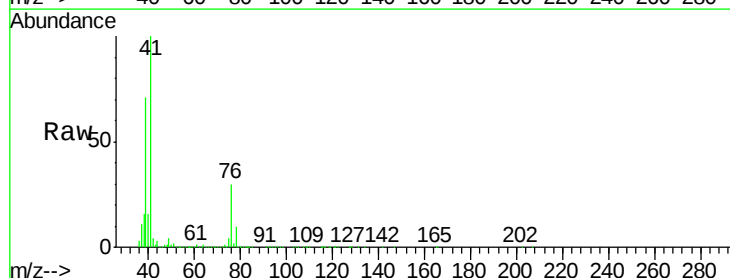
Tgt Ion: 41 Resp: 313463

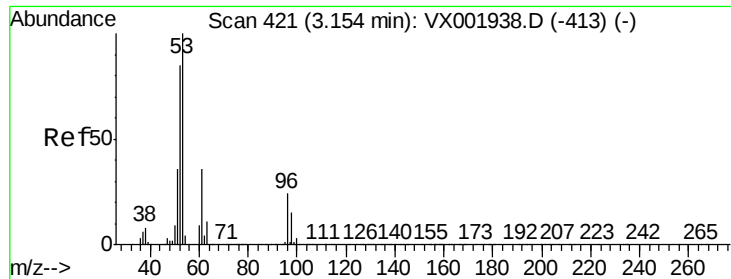
Ion Ratio Lower Upper

41 100

39 68.4 54.3 81.5

76 29.7 24.2 36.4





#15

Acrylonitrile

Concen: 283.15 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

ClientSampleId :

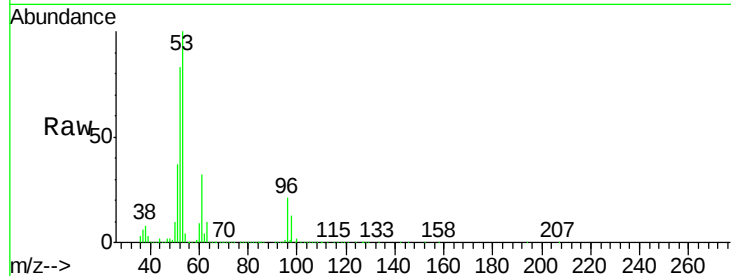
Tot Ion: 53 Resp: 494345

Ion Ratio Lower Upper

53 100

52 83.7 66.4 99.6

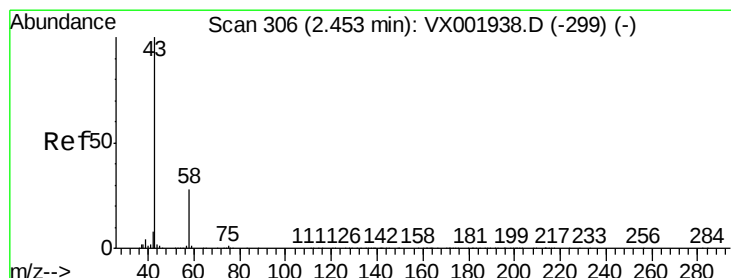
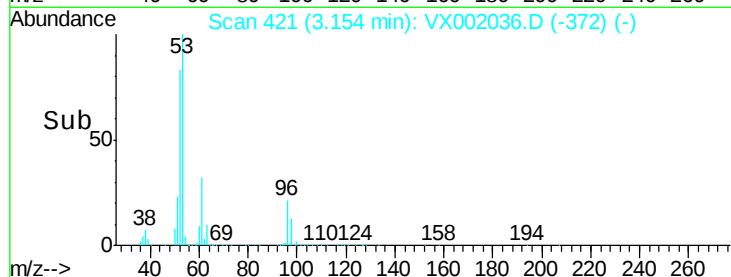
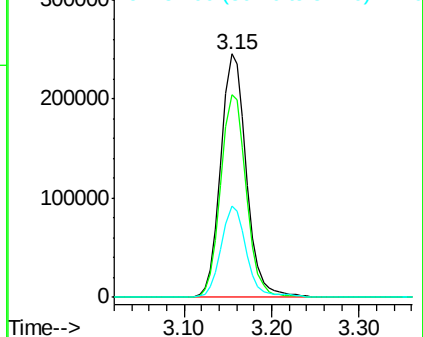
51 37.3 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 274.61 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002036.D

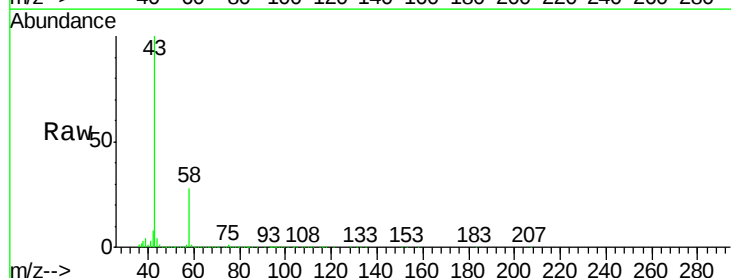
Acq: 26 May 2018 22:59

Tgt Ion: 43 Resp: 458395

Ion Ratio Lower Upper

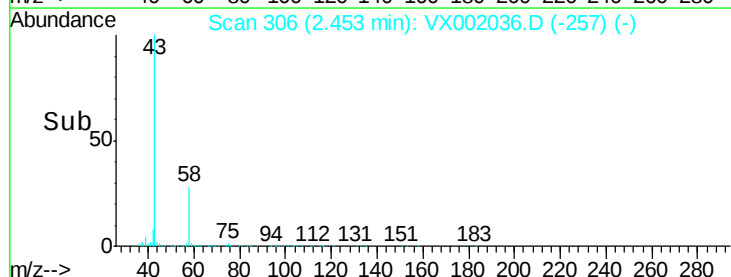
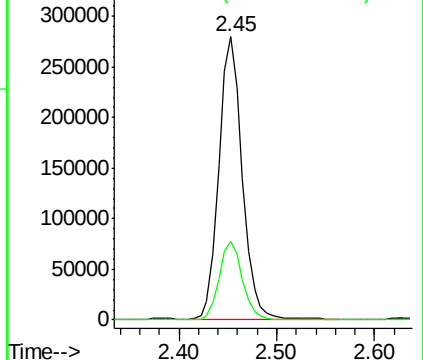
43 100

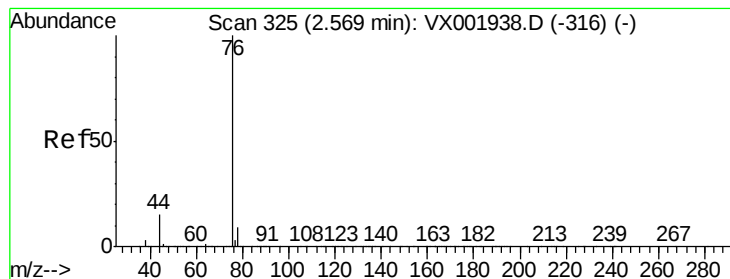
58 27.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.01 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

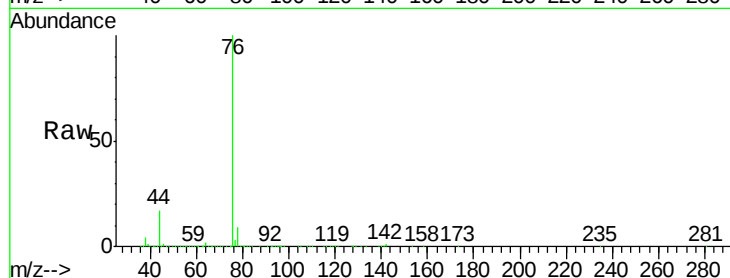
ClientSampleId :

Tot Ion: 76 Resp: 389691

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

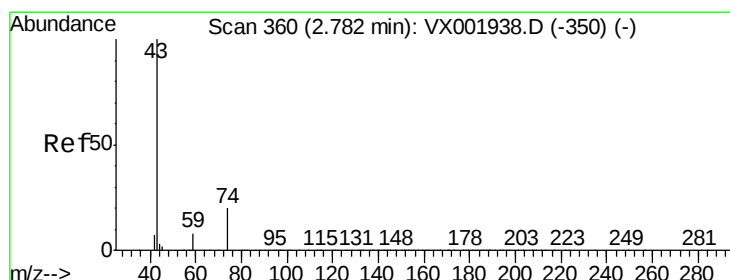
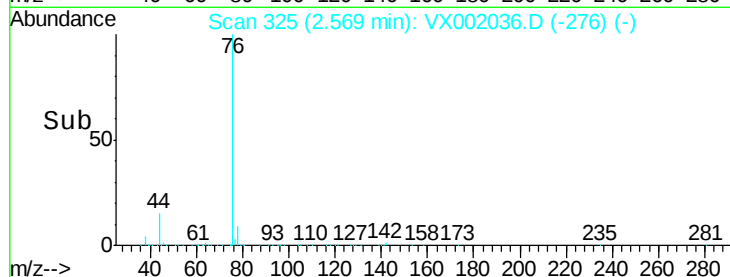
50000

0

Time-->

2.50 2.60 2.70

2.57



#18

Methyl Acetate

Concen: 60.56 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002036.D

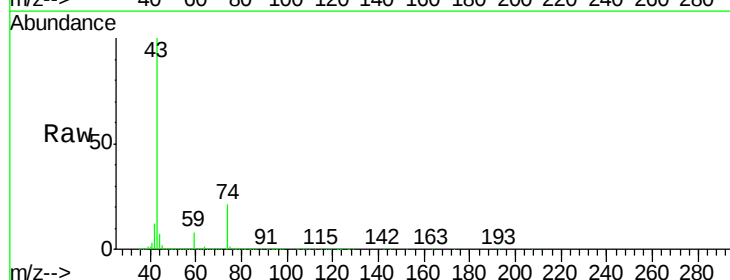
Acq: 26 May 2018 22:59

Tgt Ion: 43 Resp: 242556

Ion Ratio Lower Upper

43 100

74 21.0 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

150000

100000

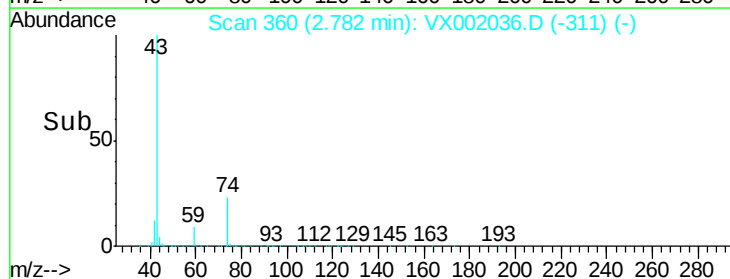
50000

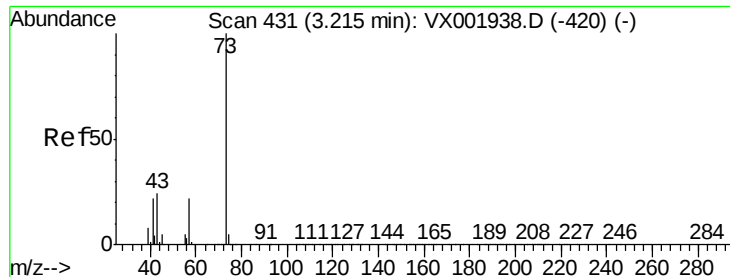
0

Time-->

2.70 2.75 2.80 2.85

2.78

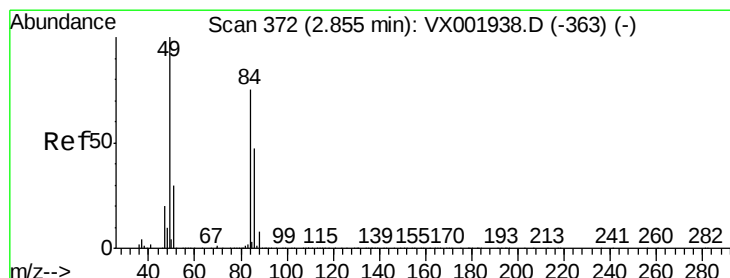
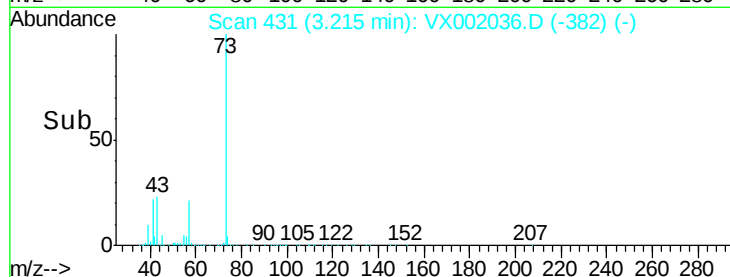
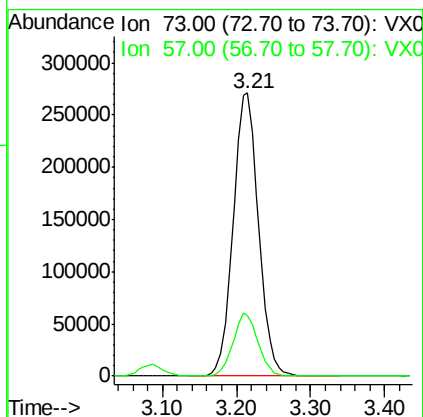
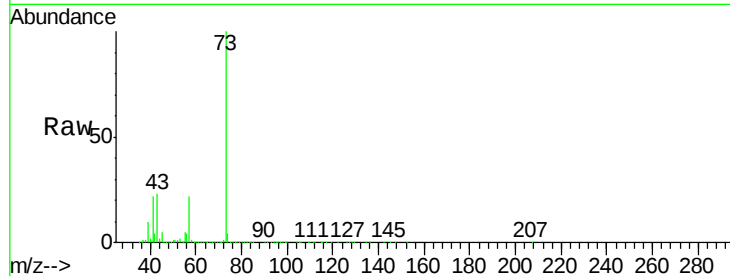




#19
Methvl tert-butvl Ether
Concen: 60.74 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

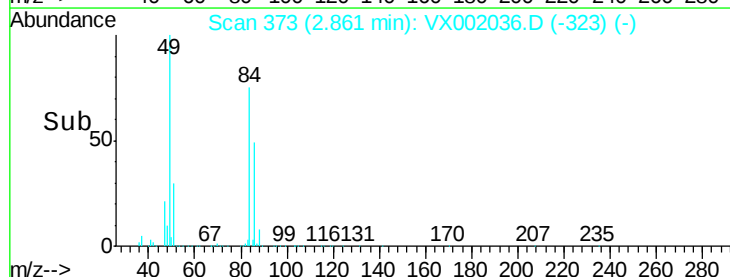
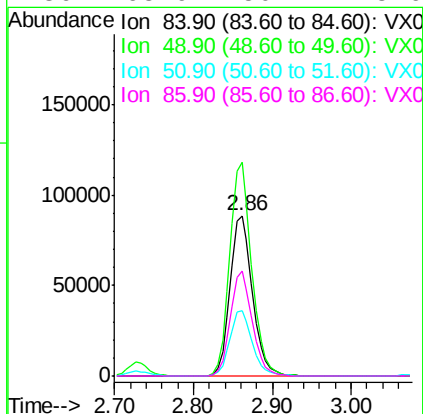
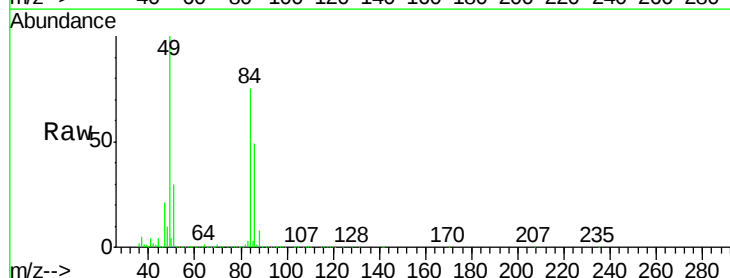
Instrument :
MSVOA_X
ClientSampleId :

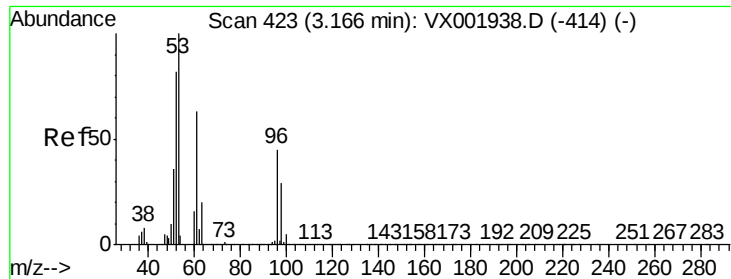
Tot Ion: 73 Resp: 644276
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.0



#20
Methylene Chloride
Concen: 60.48 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

Tgt Ion: 84 Resp: 173799
Ion Ratio Lower Upper
84 100
49 133.2 107.2 160.8
51 40.4 32.4 48.6
86 65.9 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 57.22 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :
MSVOA_X
ClientSampled :

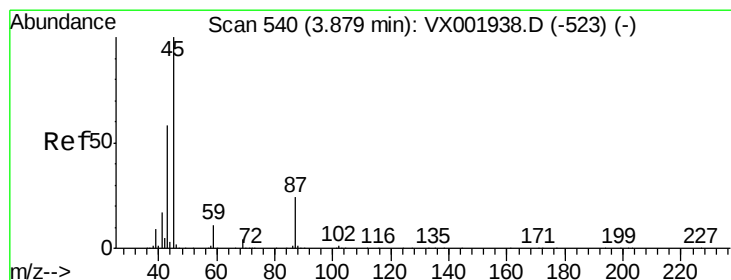
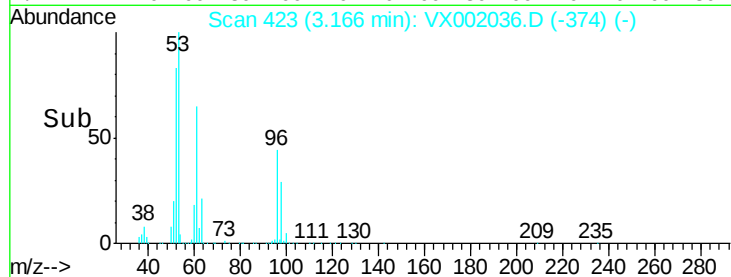
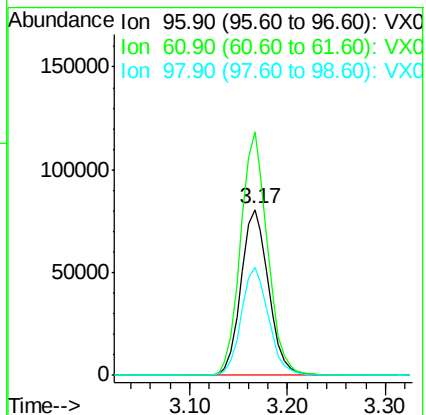
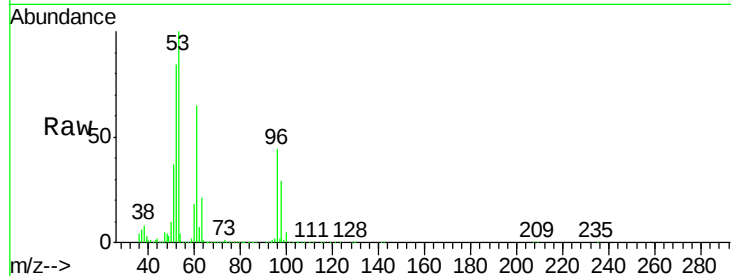
Tot Ion: 96 Resp: 156486

Ion Ratio Lower Upper

96 100

61 146.4 113.3 169.9

98 64.9 51.7 77.5



#22

Diisopropyl ether

Concen: 51.38 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Tgt Ion: 45 Resp: 618765

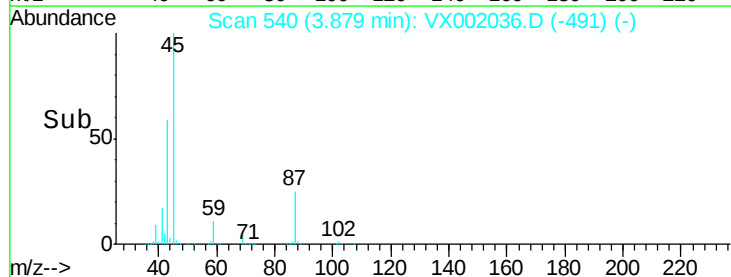
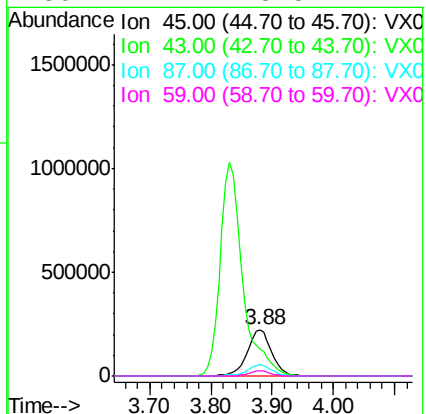
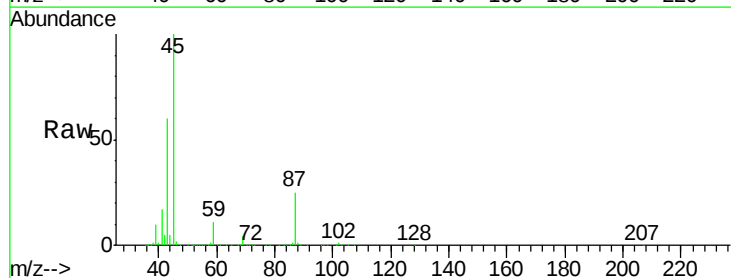
Ion Ratio Lower Upper

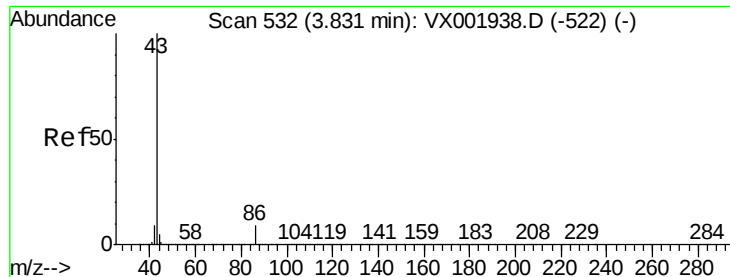
45 100

43 59.6 47.0 70.6

87 24.8 19.4 29.0

59 11.2 8.5 12.7

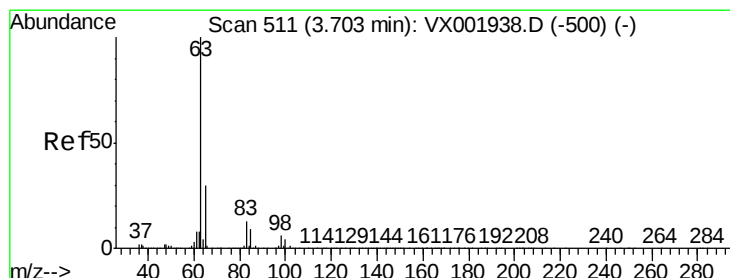
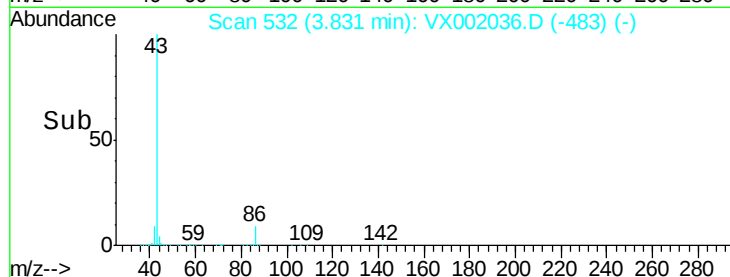
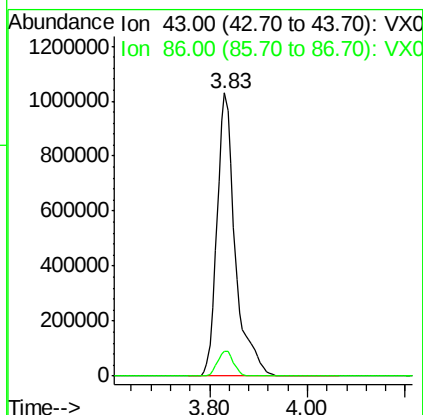
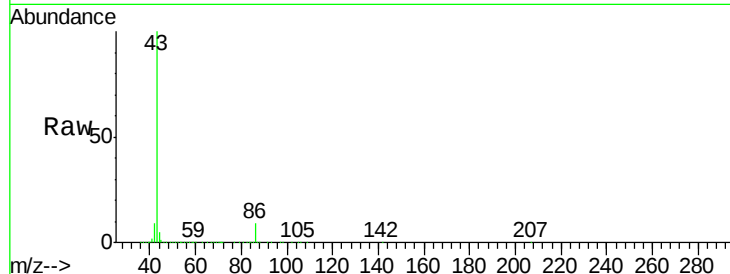




#23
 Vinyl Acetate
 Concen: 266.03 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX002036.D
 Acq: 26 May 2018 22:59

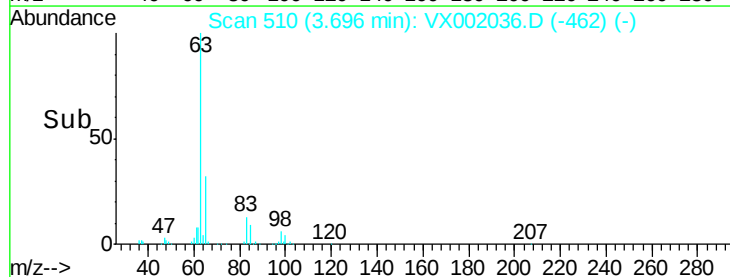
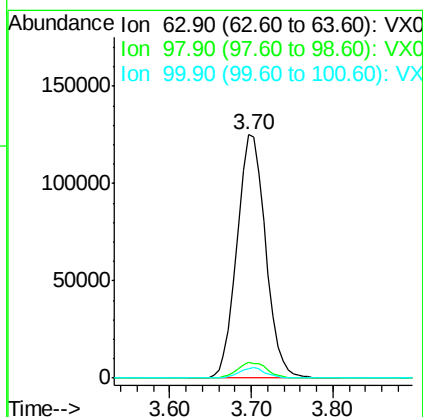
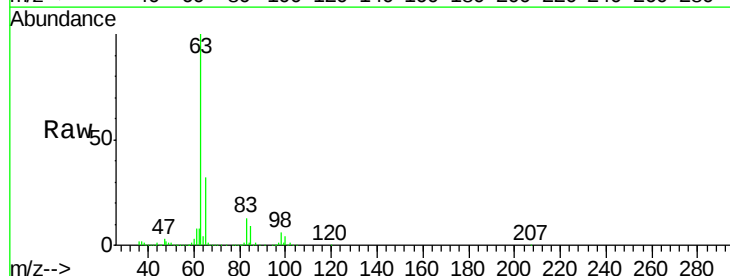
Instrument :
 MSVOA_X
 ClientSampleId :

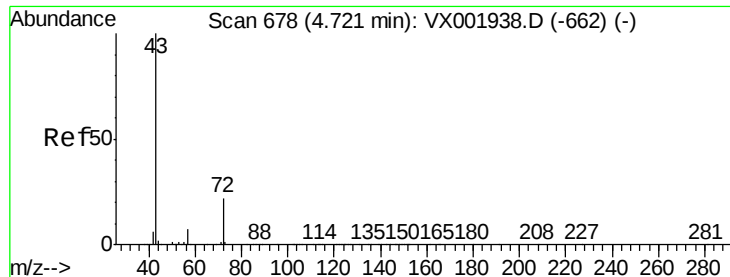
Tot Ion: 43 Resp: 2656078
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 53.26 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: VX002036.D
 Acq: 26 May 2018 22:59

Tgt Ion: 63 Resp: 304636
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 3.8 2.1 6.5





#25

2-Butanone

Concen: 240.72 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

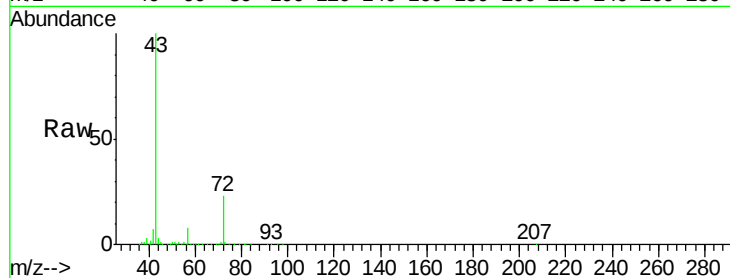
ClientSampleId :

Tot Ion: 43 Resp: 736478

Ion Ratio Lower Upper

43 100

72 22.6 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX001938.D (-662) (-)

Ion 72.00 (71.70 to 72.70): VX001938.D (-662) (-)

4.71

250000

200000

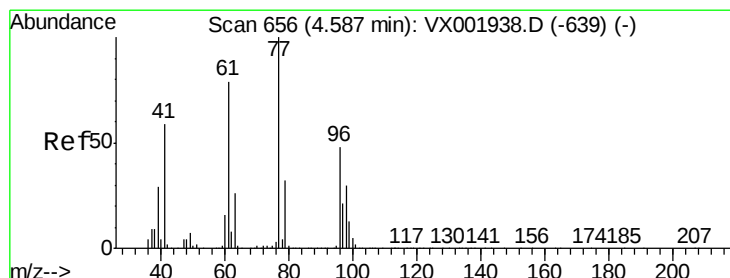
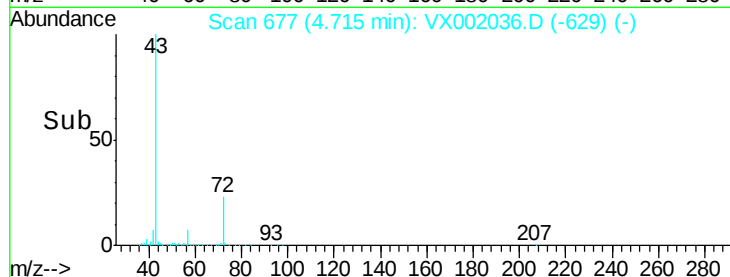
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 33.80 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002036.D

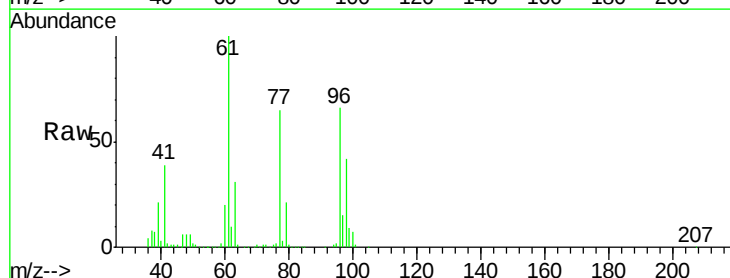
Acq: 26 May 2018 22:59

Tgt Ion: 77 Resp: 195688

Ion Ratio Lower Upper

77 100

97 24.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX001938.D (-639) (-)

Ion 96.90 (96.60 to 97.60): VX001938.D (-639) (-)

4.59

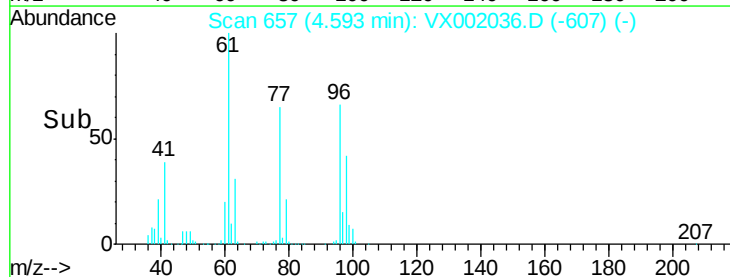
60000

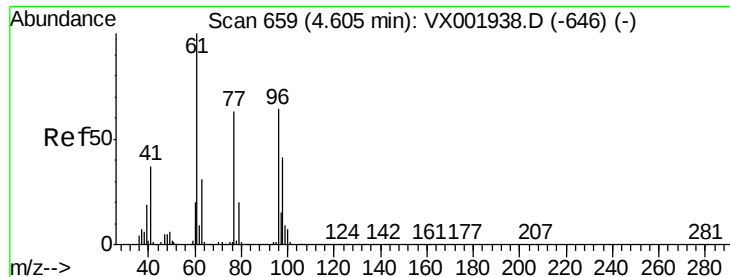
40000

20000

0

Time-->



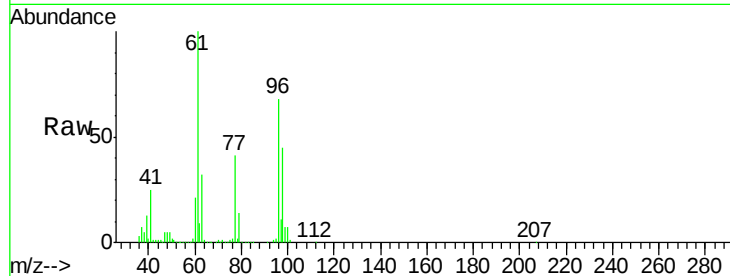


#27

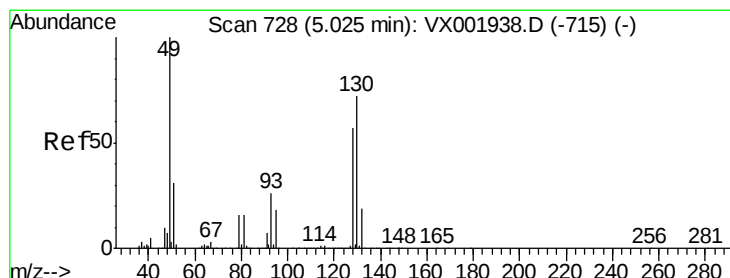
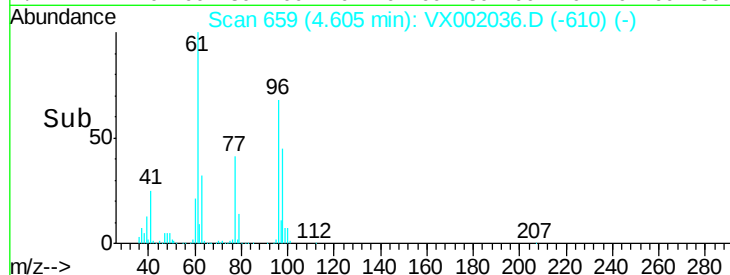
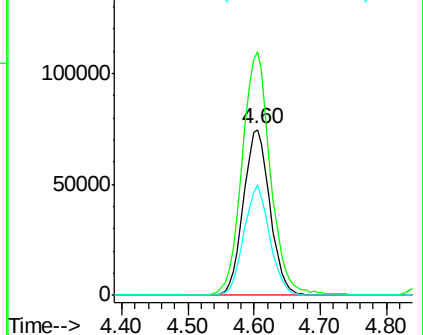
cis-1,2-Dichloroethene
Concen: 56.91 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.1	0.0	348.4
98	64.3	0.0	128.6



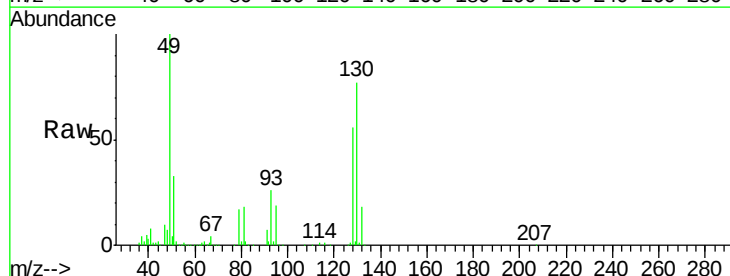
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



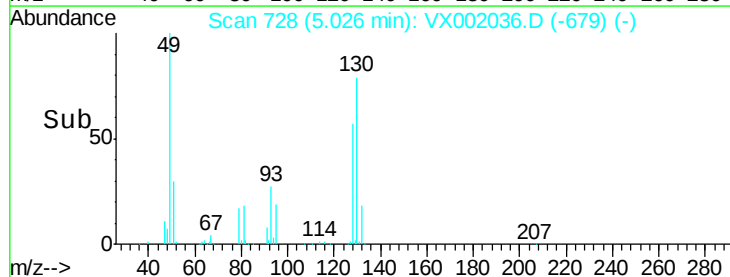
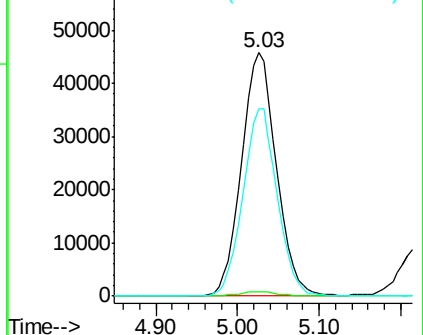
#28

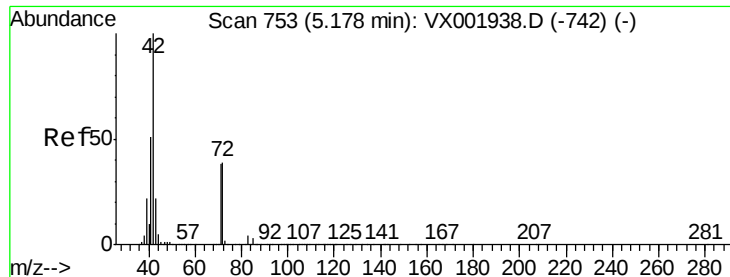
Bromochloromethane
Concen: 57.07 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	75.4	59.4	89.2



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





#29

Tetrahydrofuran

Concen: 245.26 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

ClientSampleId :

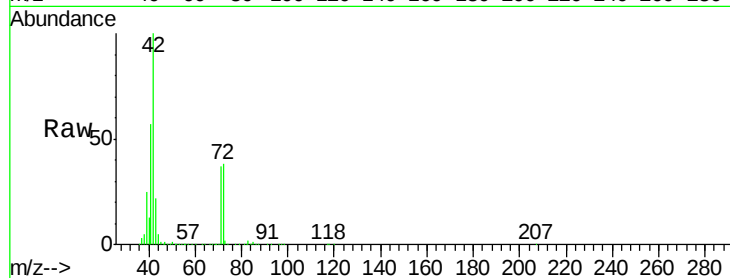
Tot Ion: 42 Resp: 488192

Ion Ratio Lower Upper

42 100

72 38.9 31.4 47.0

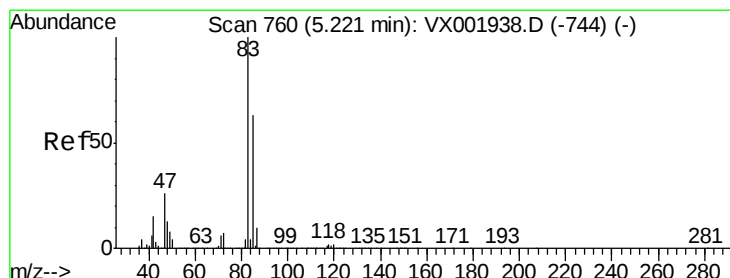
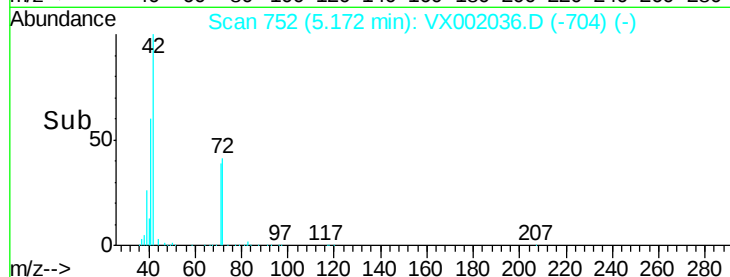
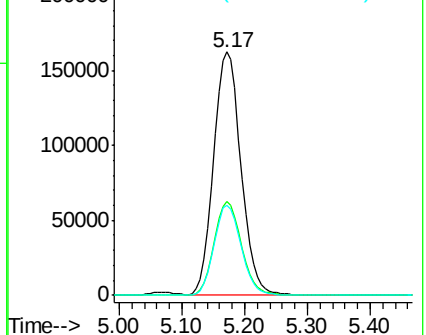
71 37.0 29.5 44.3



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: 49.49 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002036.D

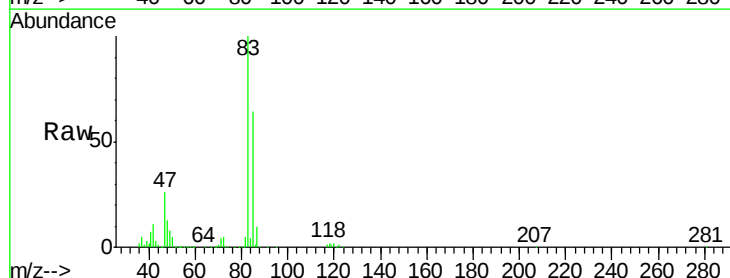
Acq: 26 May 2018 22:59

Tgt Ion: 83 Resp: 318962

Ion Ratio Lower Upper

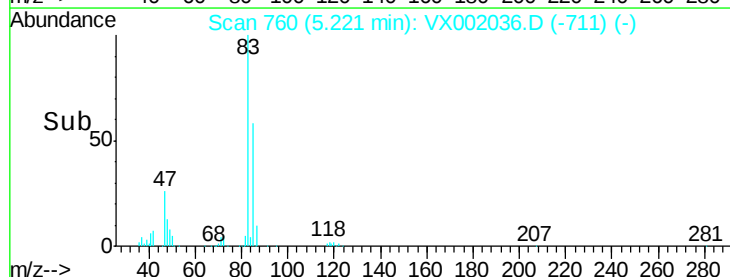
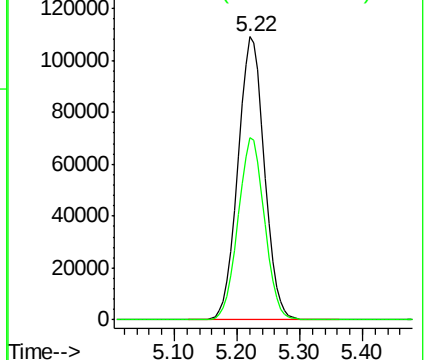
83 100

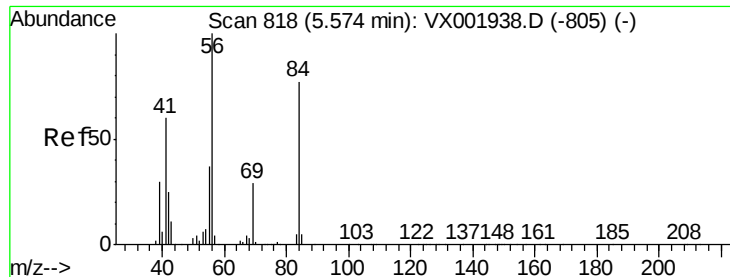
85 64.3 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

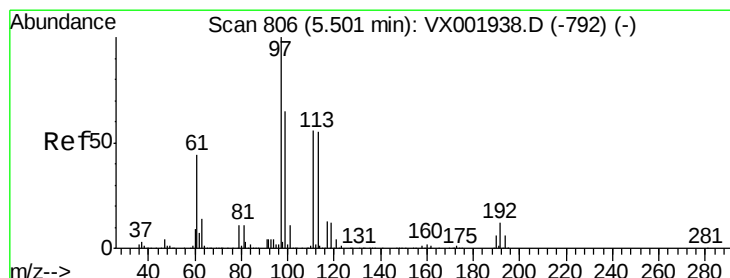
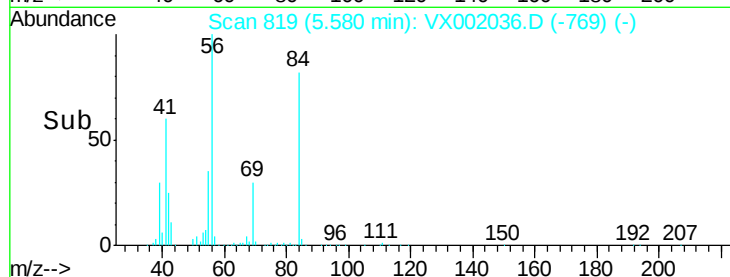
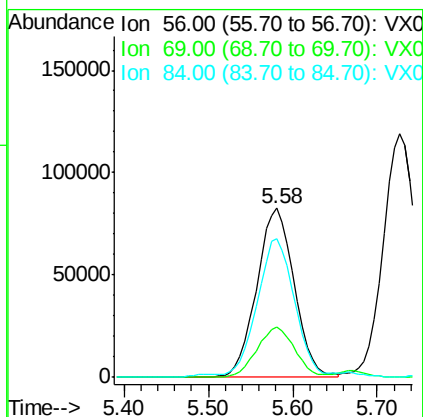
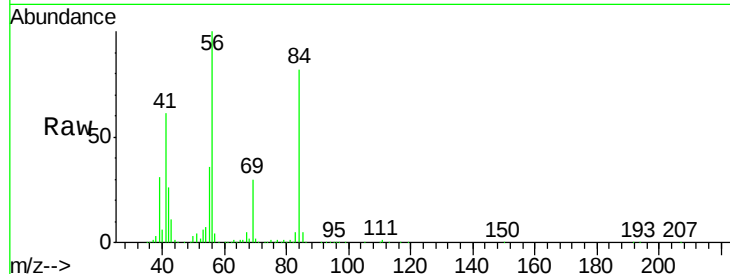




#31
Cyclohexane
Concen: 42.40 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

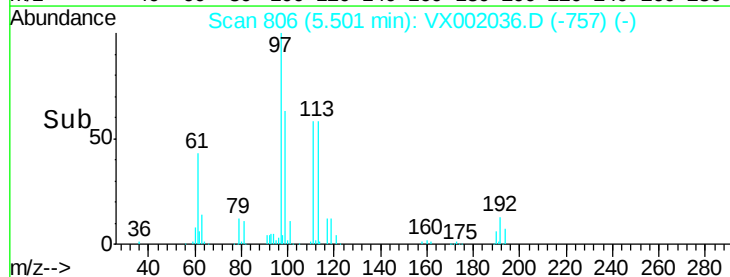
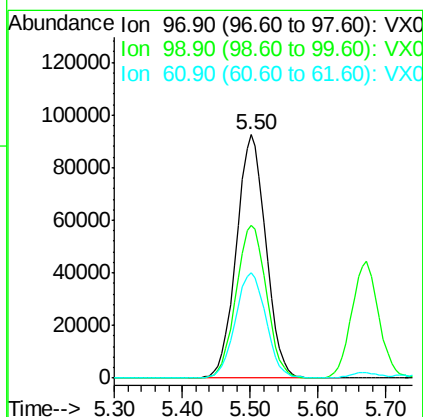
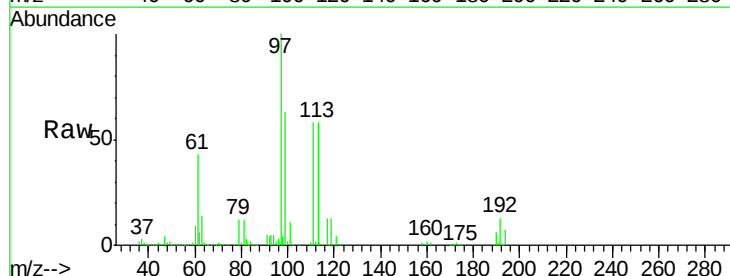
Instrument :
MSVOA_X
ClientSampleId :

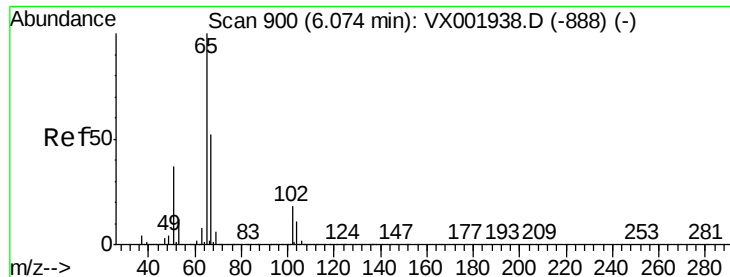
Tot Ion: 56 Resp: 252691
Ion Ratio Lower Upper
56 100
69 29.8 23.1 34.7
84 80.8 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 46.30 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

Tgt Ion: 97 Resp: 278200
Ion Ratio Lower Upper
97 100
99 64.7 51.9 77.9
61 45.0 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 49.40 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

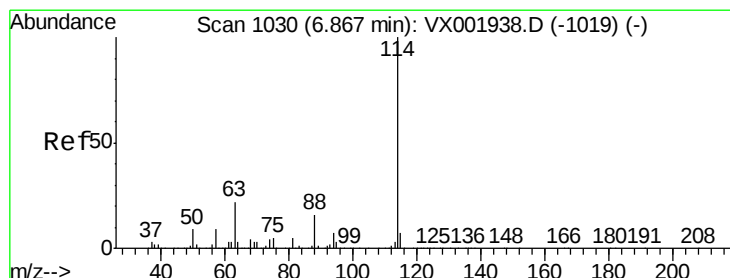
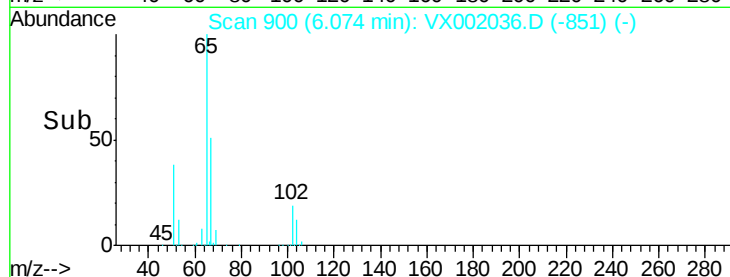
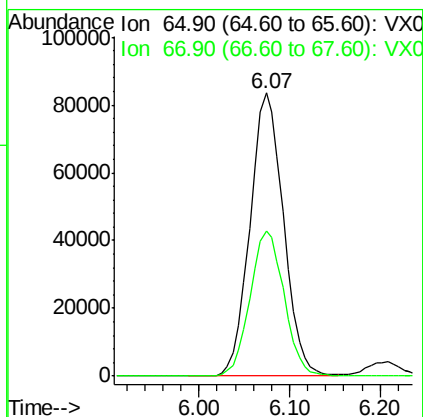
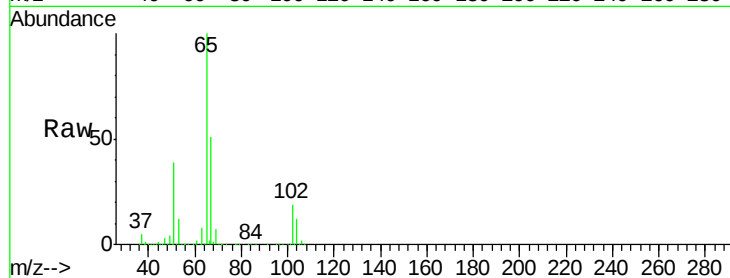
ClientSampleId :

Tot Ion: 65 Resp: 213680

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

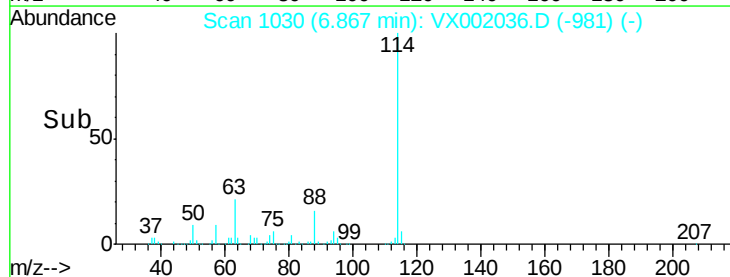
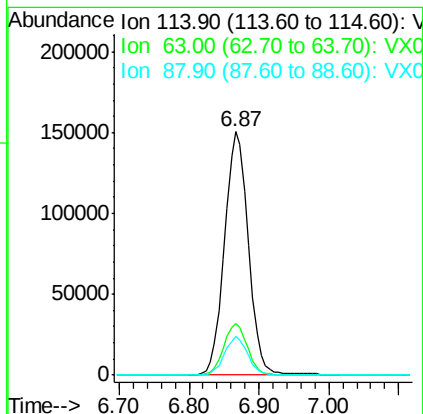
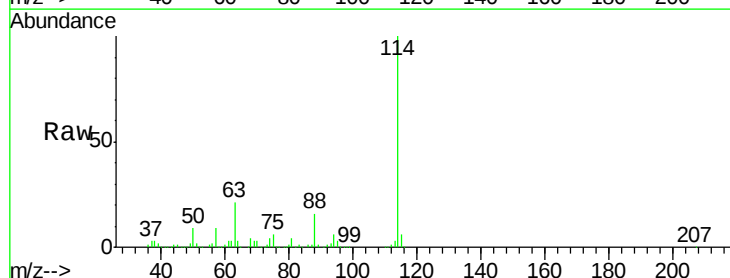
Tgt Ion: 114 Resp: 357687

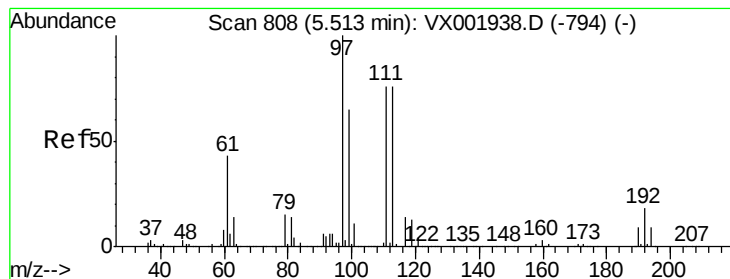
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.2

88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.72 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :
MSVOA_X
ClientSampleId :

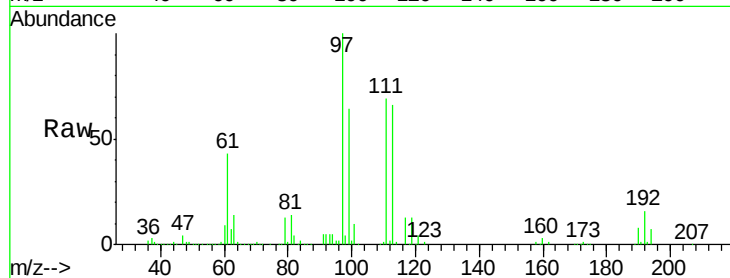
Tot Ion:113 Resp: 167127

Ion Ratio Lower Upper

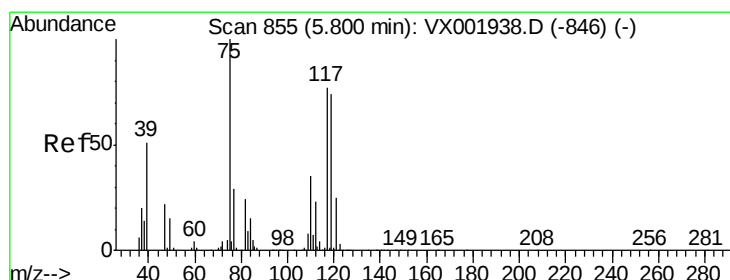
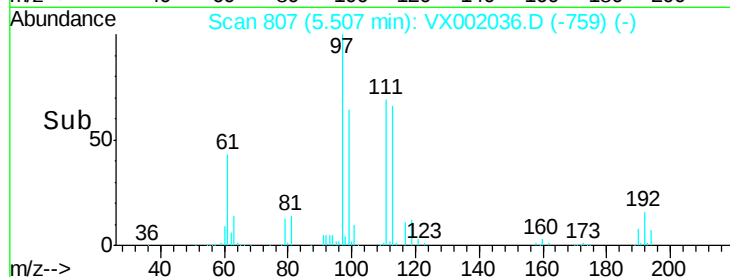
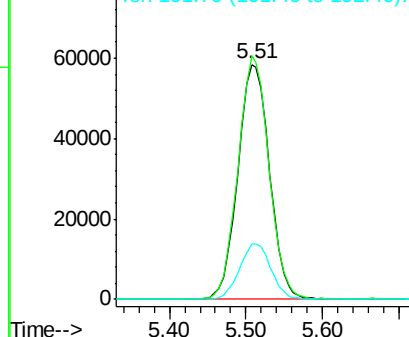
113 100

111 101.6 82.0 123.0

192 23.7 18.9 28.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 43.39 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

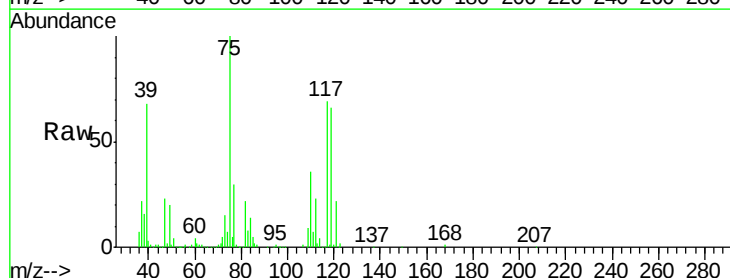
Tgt Ion: 75 Resp: 215896

Ion Ratio Lower Upper

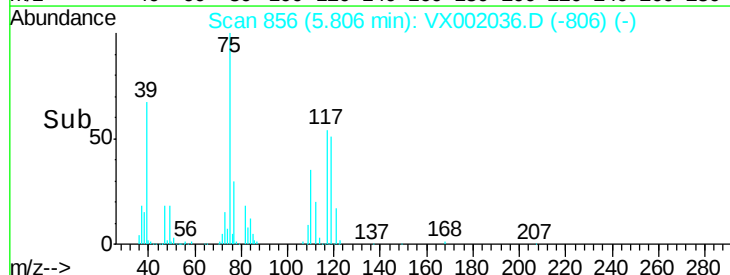
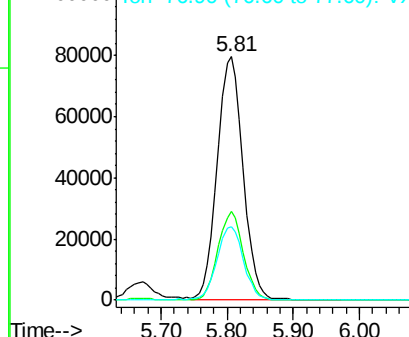
75 100

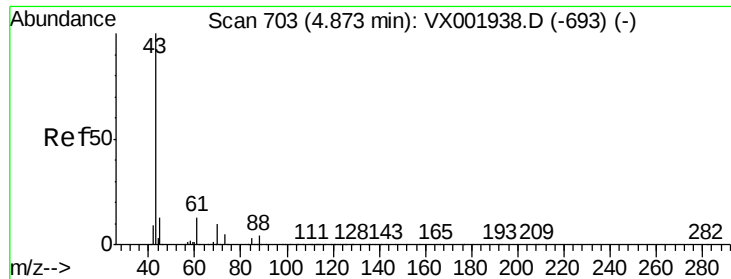
110 35.8 17.4 52.2

77 30.6 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

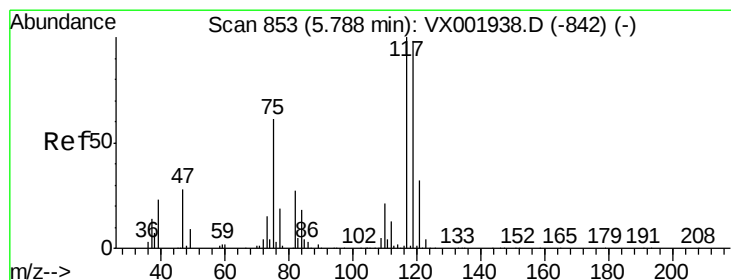
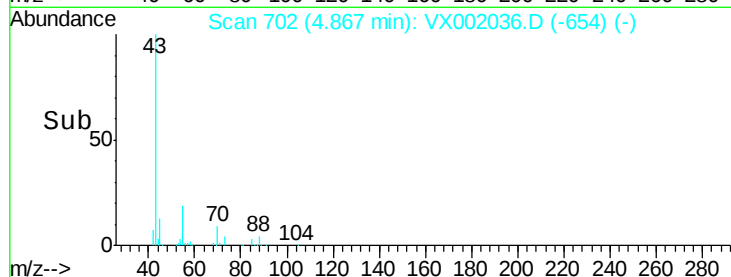
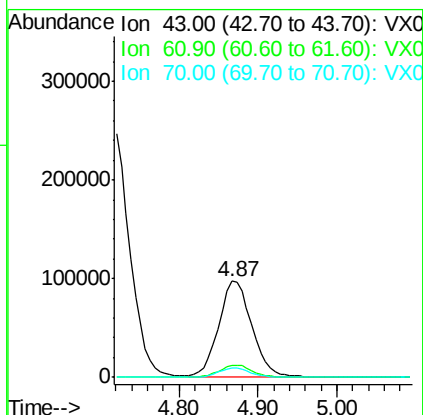
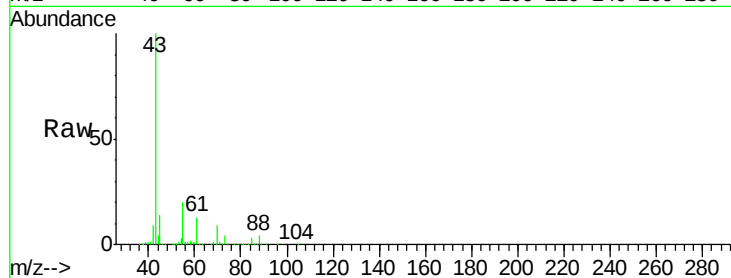




#37
Ethyl Acetate
Concen: 43.52 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

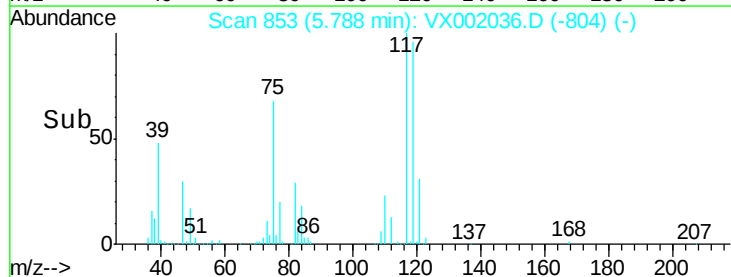
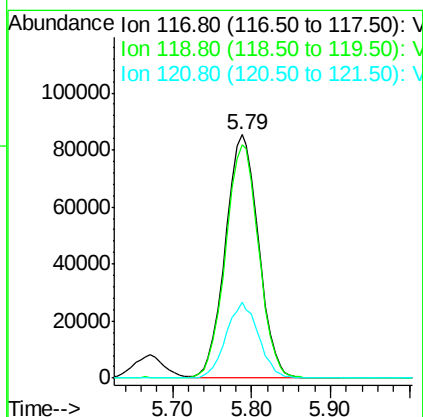
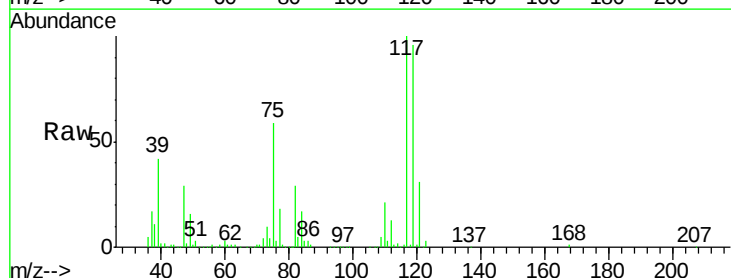
Instrument :
MSVOA_X
ClientSampleId :

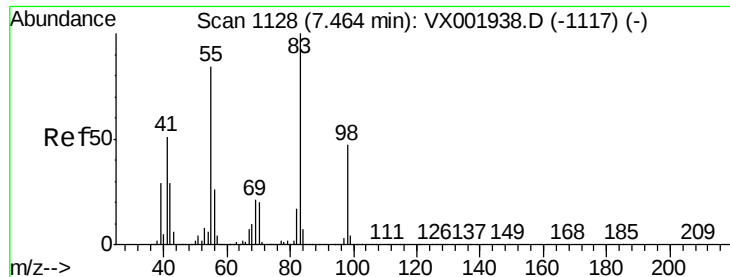
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.2	15.2
70	9.7	7.8	11.8



#38
Carbon Tetrachloride
Concen: 42.93 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.5	117.7
121	31.4	25.5	38.3

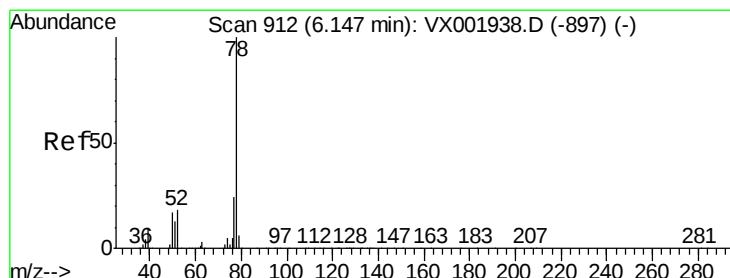
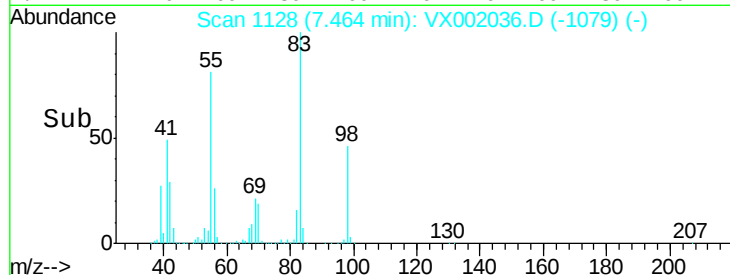
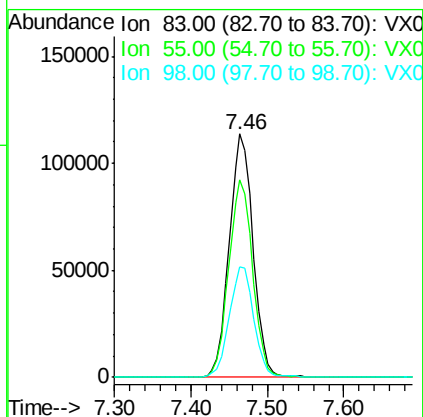
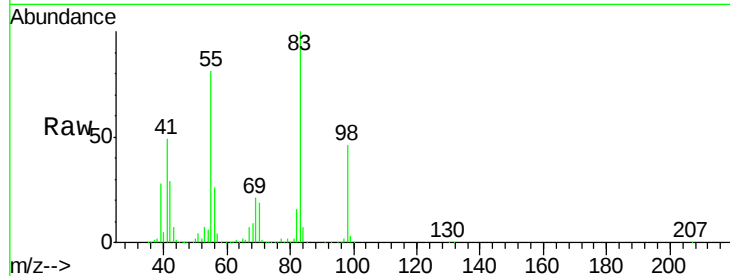




#39
Methvlcvclohexane
Concen: 40.13 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

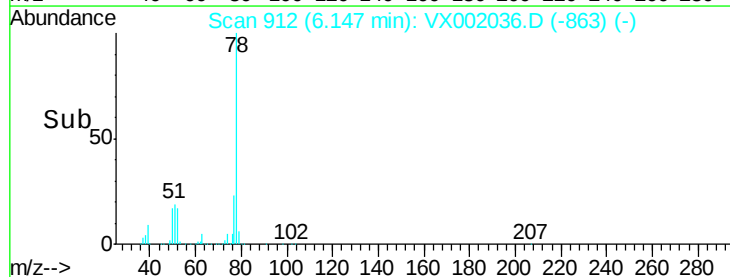
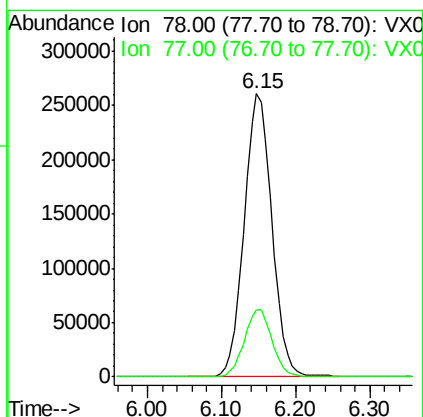
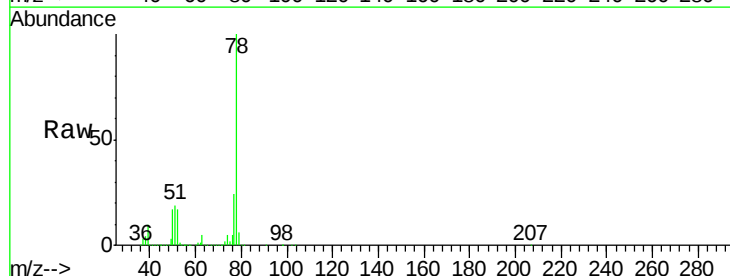
Instrument :
MSVOA_X
ClientSampleId :

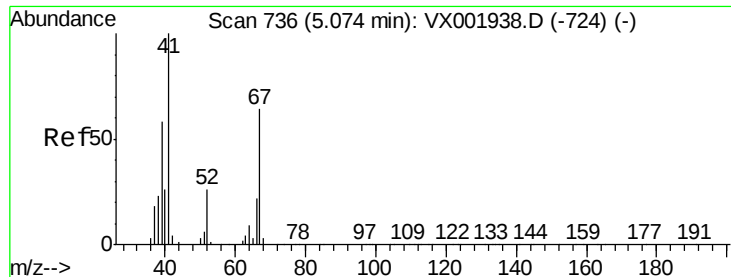
Tot Ion: 83 Resp: 245311
Ion Ratio Lower Upper
83 100
55 81.0 67.3 100.9
98 45.5 37.5 56.3



#40
Benzene
Concen: 46.87 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

Tgt Ion: 78 Resp: 683155
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

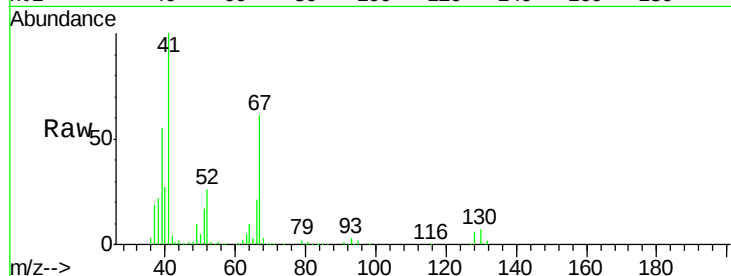




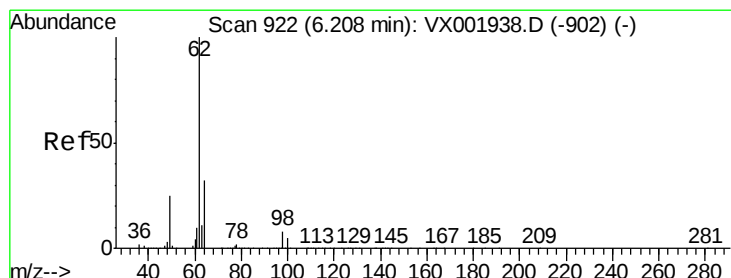
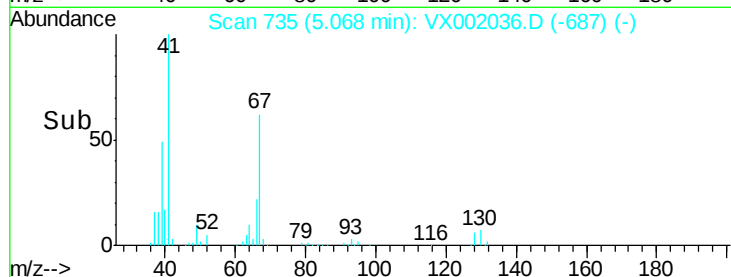
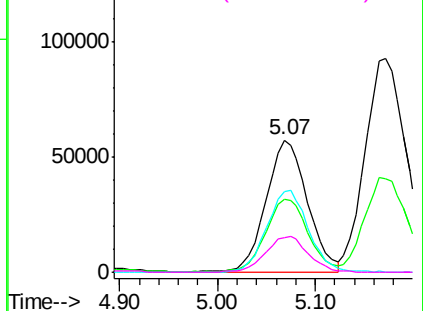
#41
Methacrylonitrile
Concen: 48.77 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	167049
Ion	Ratio	Lower	Upper
41	100		
39	56.9	46.0	69.0
67	63.5	50.6	75.8
52	27.7	21.9	32.9

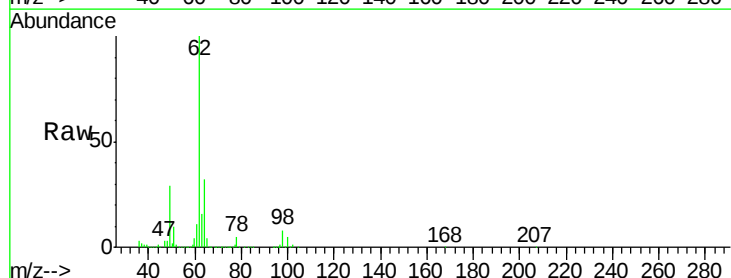


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

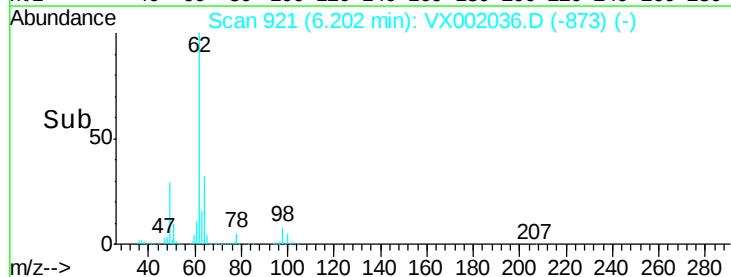
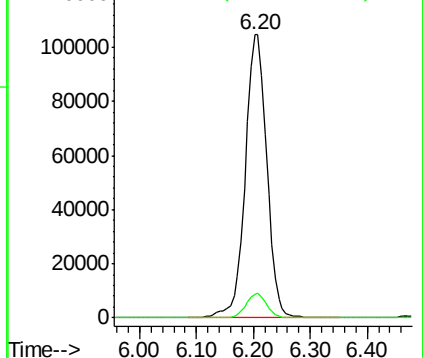


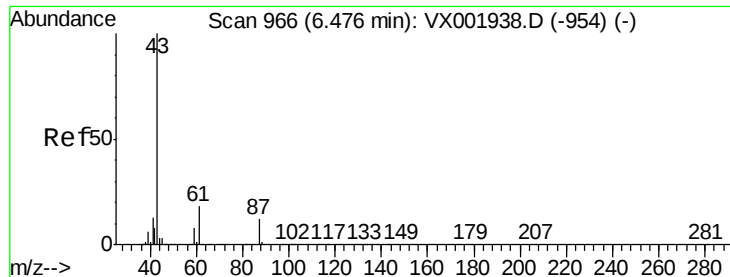
#42
1,2-Dichloroethane
Concen: 47.17 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

Tgt Ion:	62	Resp:	274662
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0



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



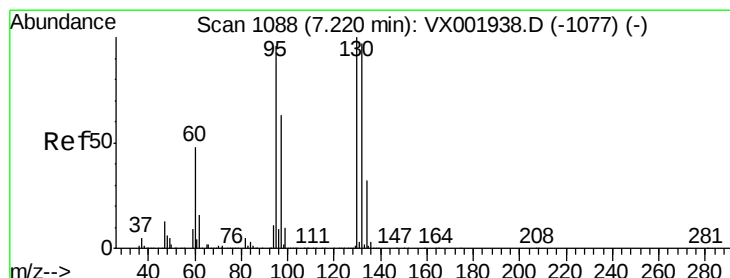
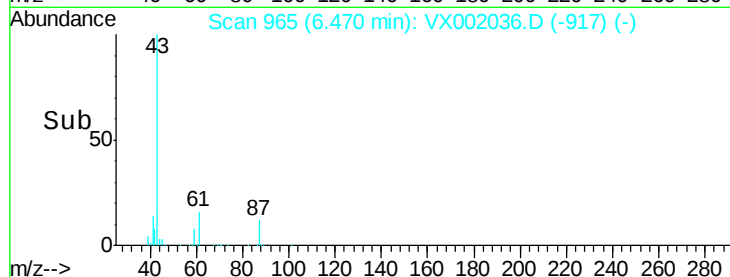
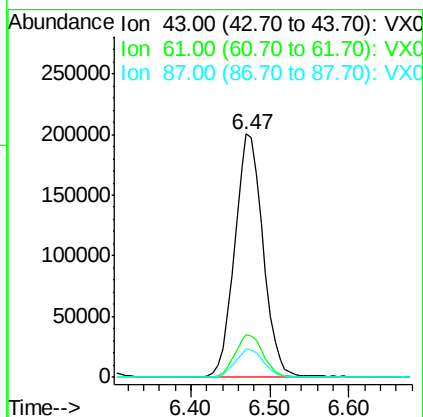
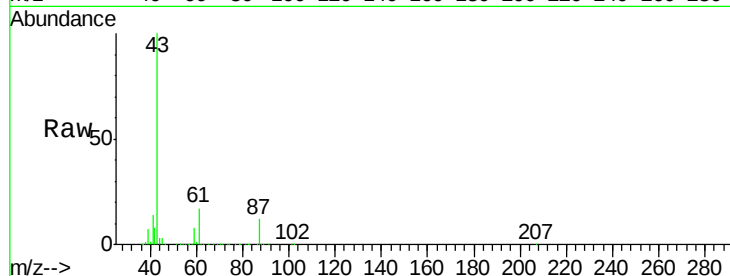


#43

Isopropyl Acetate
 Concen: 46.14 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX002036.D
 Acq: 26 May 2018 22:59

Instrument :
 MSVOA_X
 ClientSampled :

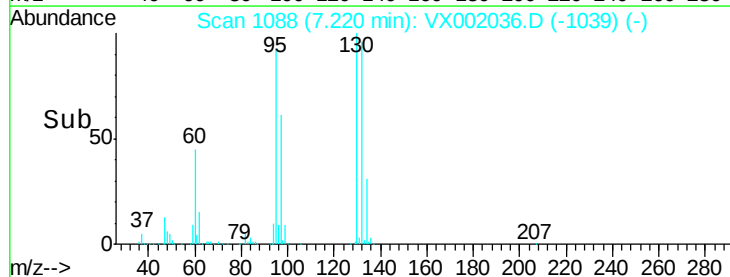
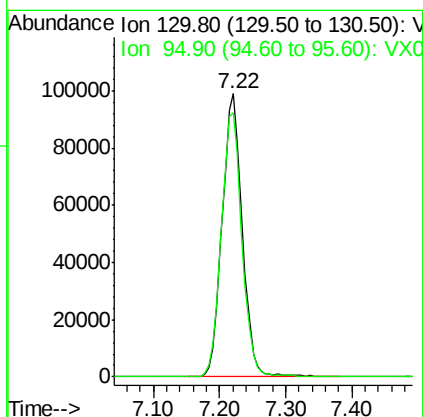
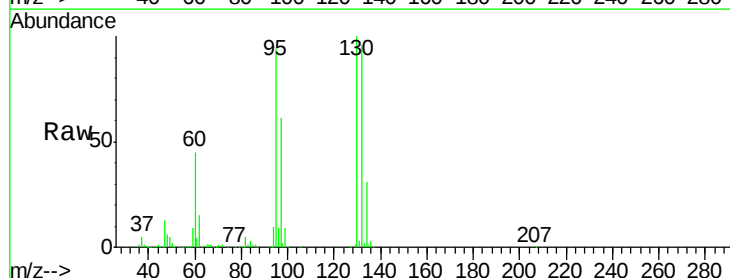
Tot Ion	43	Resp	498658
Ion Ratio	Lower	Upper	
43	100		
61	17.9	14.5	21.7
87	11.6	9.5	14.3

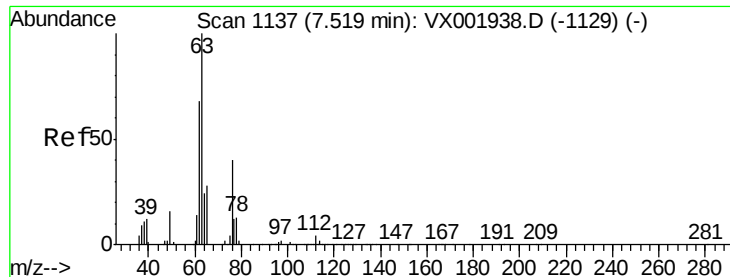


#44

Trichloroethene
 Concen: 49.18 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002036.D
 Acq: 26 May 2018 22:59

Tgt Ion	130	Resp	208897
Ion Ratio	Lower	Upper	
130	100		
95	93.5	0.0	192.0





#45

1,2-Dichloropropane

Concen: 47.87 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

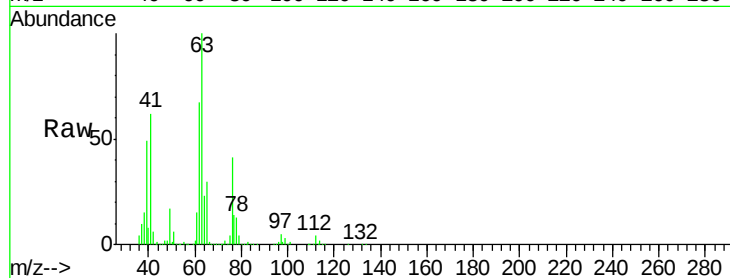
ClientSampled :

Tot Ion: 63 Resp: 189492

Ion Ratio Lower Upper

63 100

65 30.2 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

100000

80000

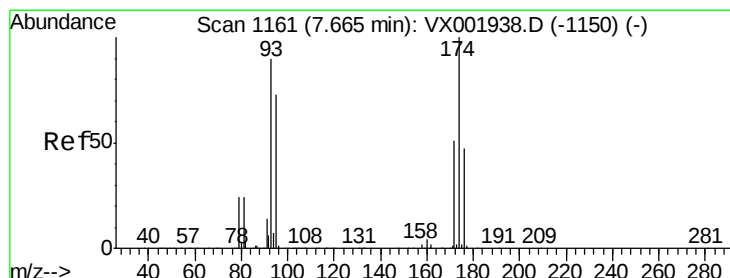
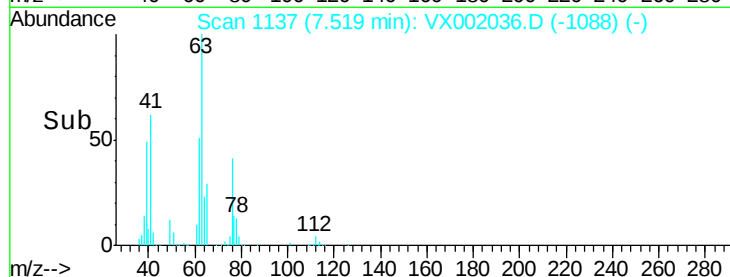
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 48.17 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

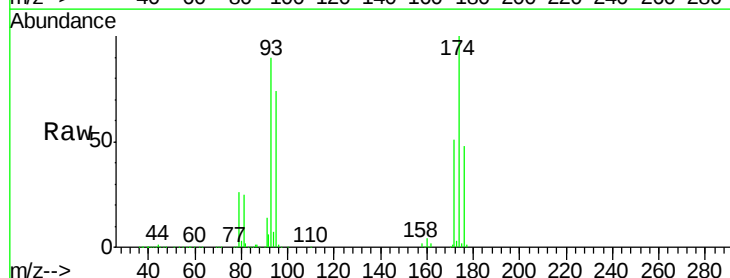
Tgt Ion: 93 Resp: 126257

Ion Ratio Lower Upper

93 100

95 83.1 66.1 99.1

174 116.5 92.5 138.7



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

100000

80000

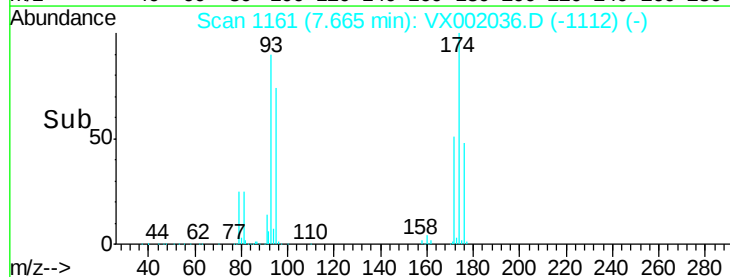
60000

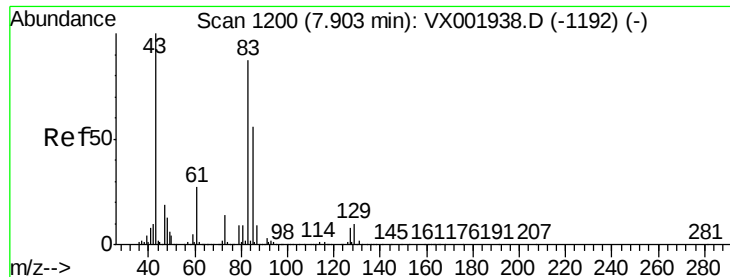
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 46.10 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :
MSVOA_X
ClientSampleId :

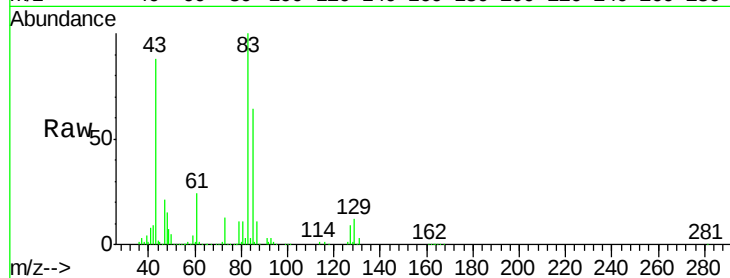
Tot Ion: 83 Resp: 257619

Ion Ratio Lower Upper

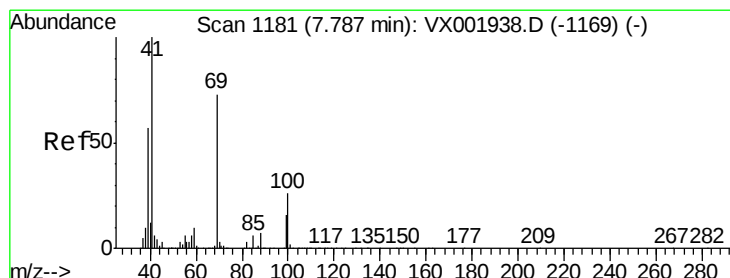
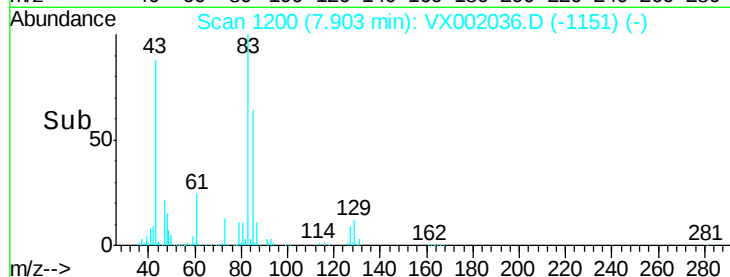
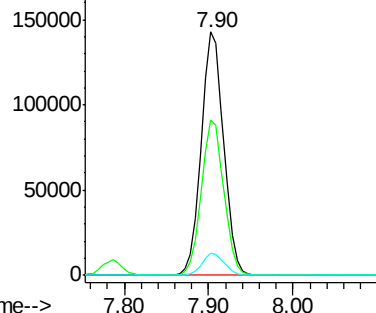
83 100

85 63.7 51.4 77.2

127 8.9 7.1 10.7



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: 46.82 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

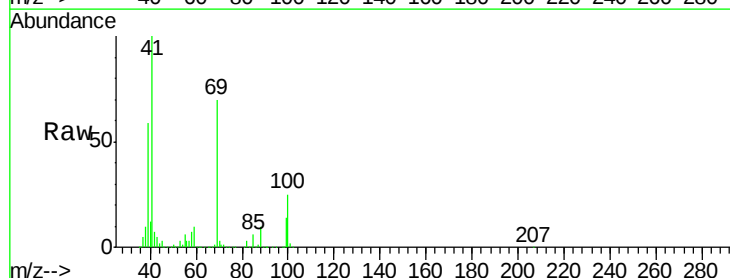
Tgt Ion: 41 Resp: 257522

Ion Ratio Lower Upper

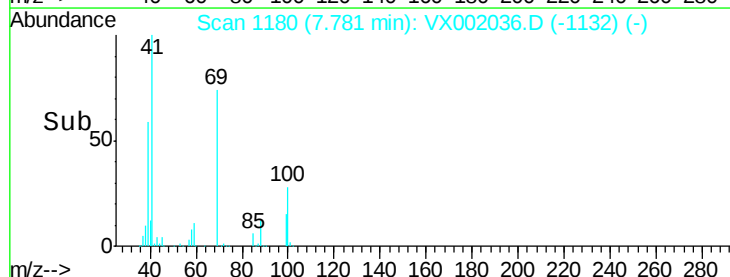
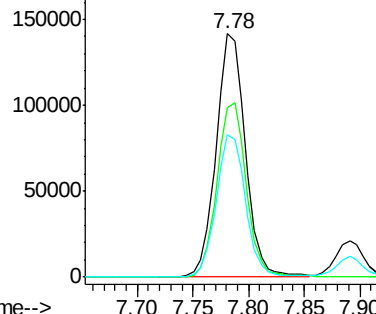
41 100

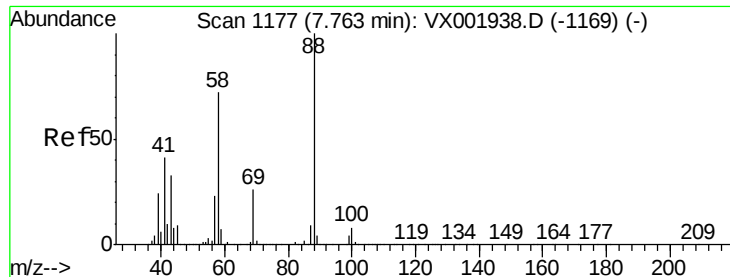
69 72.5 58.6 87.8

39 58.6 46.3 69.5



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: 904.09 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

ClientSampleId :

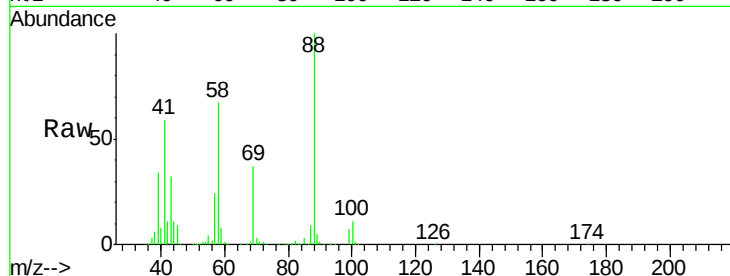
Tot Ion: 88 Resp: 87635

Ion Ratio Lower Upper

88 100

43 38.1 29.8 44.8

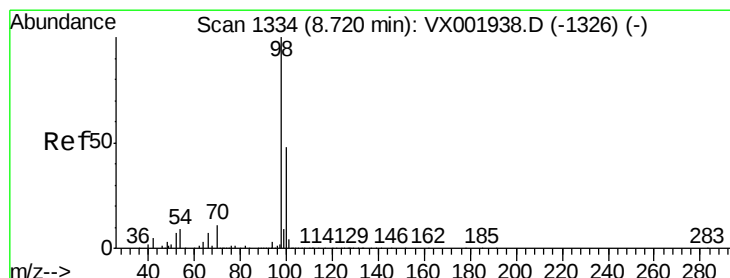
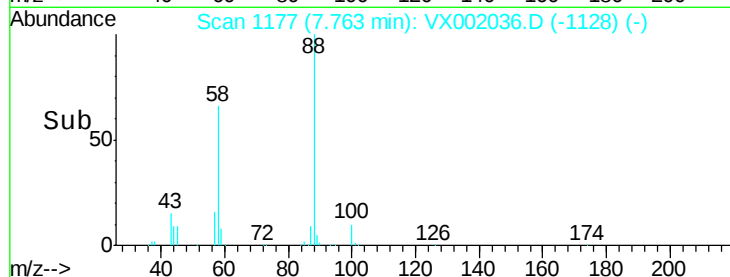
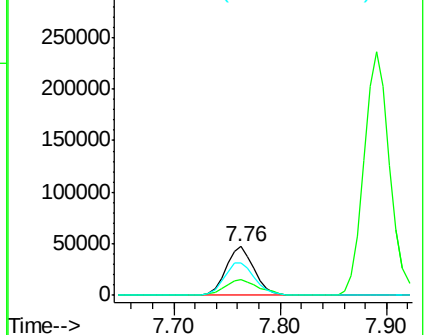
58 72.0 58.7 88.1



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.59 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002036.D

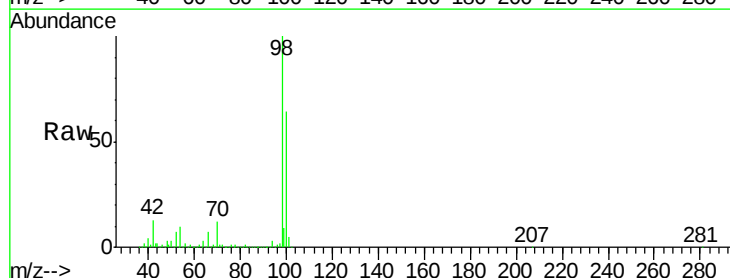
Acq: 26 May 2018 22:59

Tgt Ion: 98 Resp: 603309

Ion Ratio Lower Upper

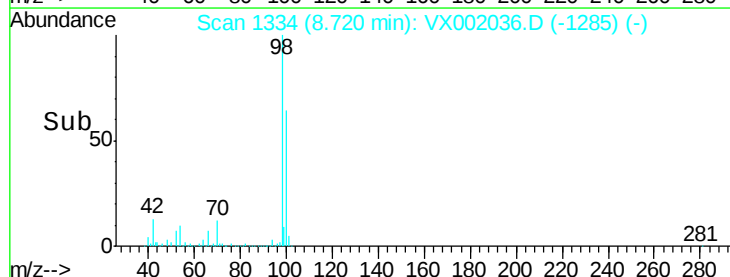
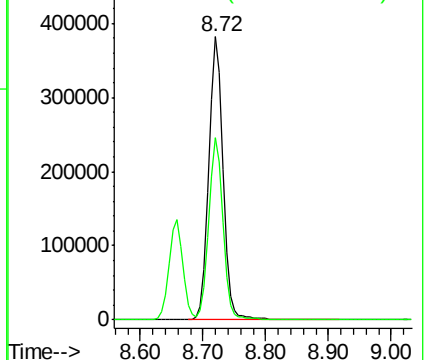
98 100

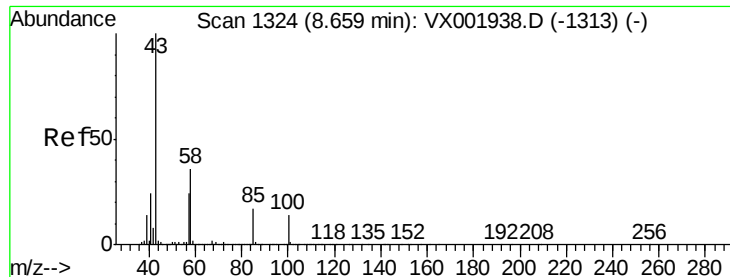
100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 243.25 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

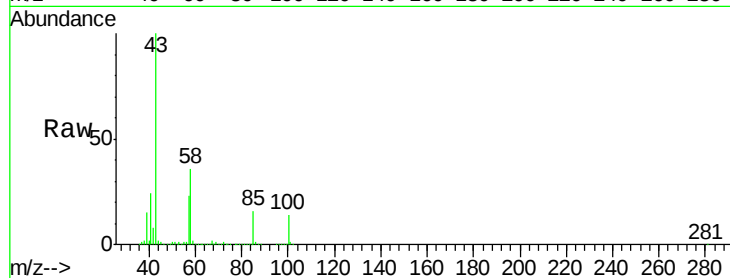
ClientSampled :

Tot Ion: 43 Resp: 1584794

Ion Ratio Lower Upper

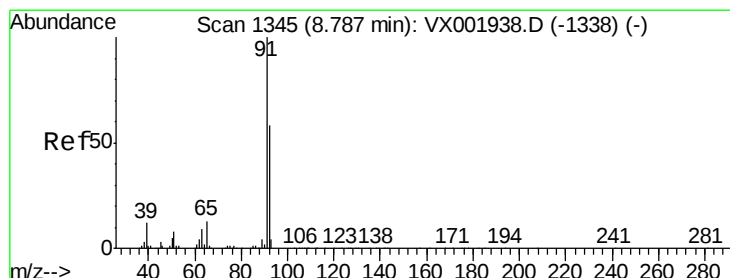
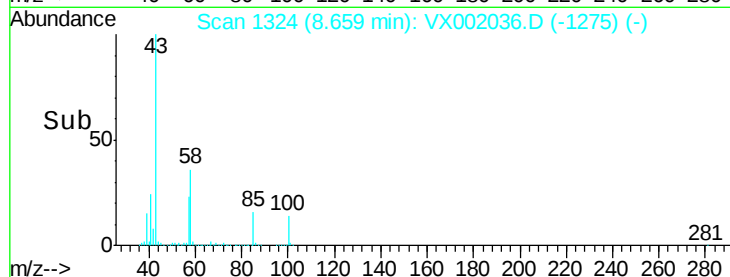
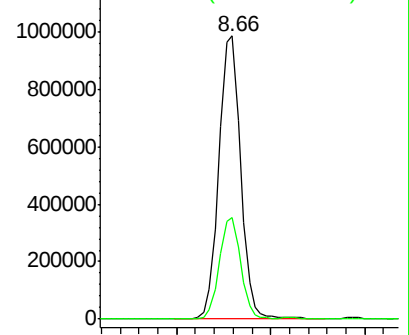
43 100

58 35.3 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.05 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002036.D

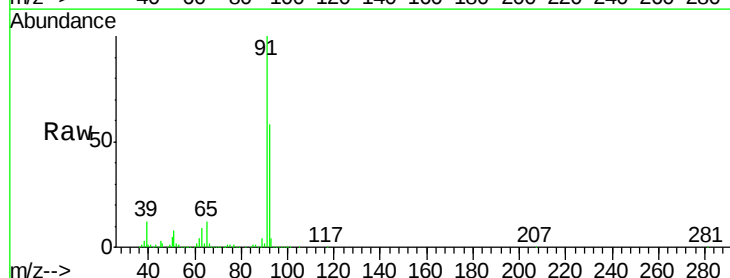
Acq: 26 May 2018 22:59

Tgt Ion: 92 Resp: 436401

Ion Ratio Lower Upper

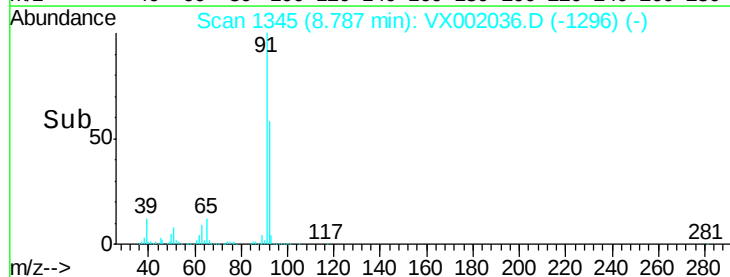
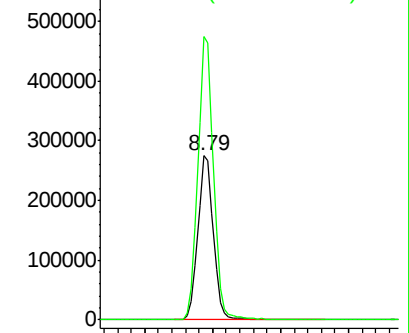
92 100

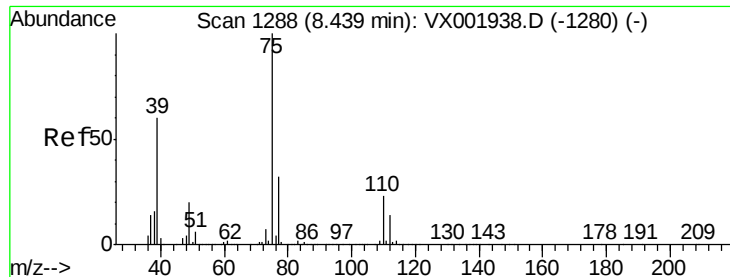
91 173.6 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 44.92 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

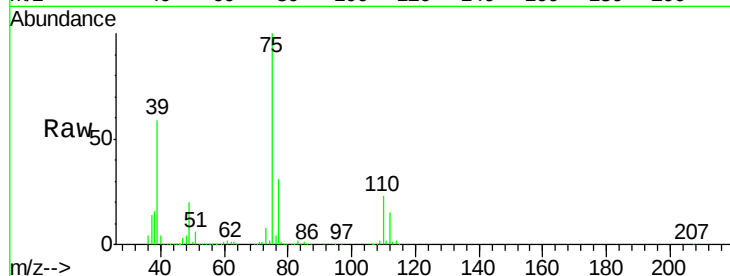
ClientSampleId :

Tot Ion: 75 Resp: 289104

Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

200000

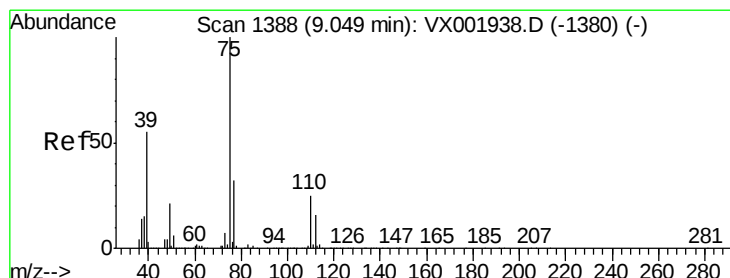
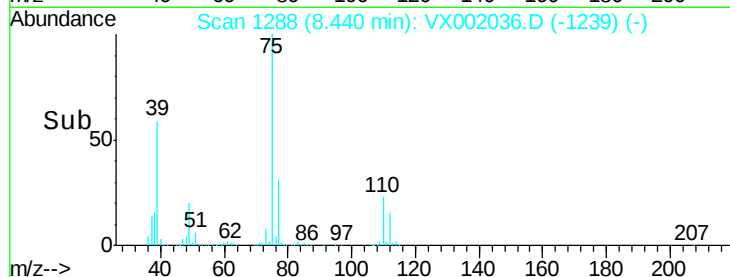
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 44.93 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

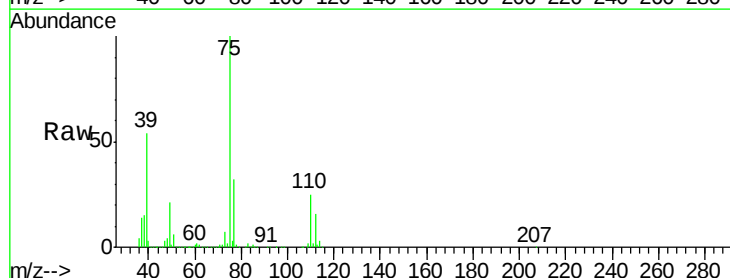
Tgt Ion: 75 Resp: 281760

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 54.1 44.1 66.1



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

250000

200000

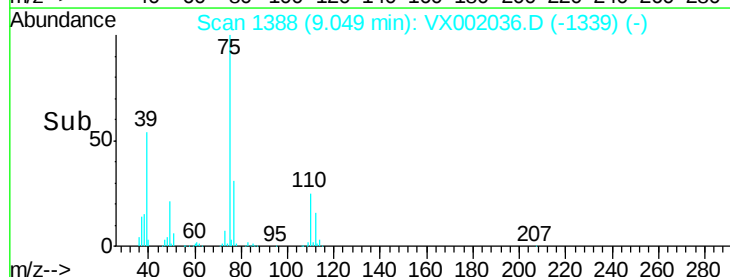
150000

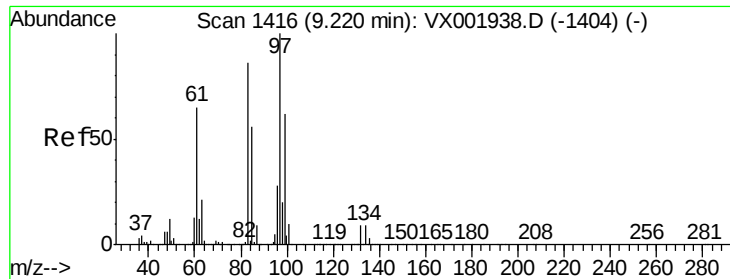
100000

50000

0

Time-->

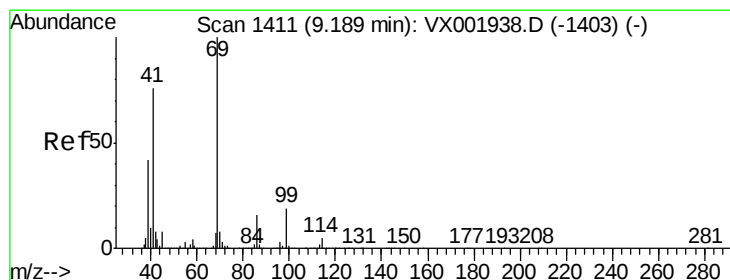
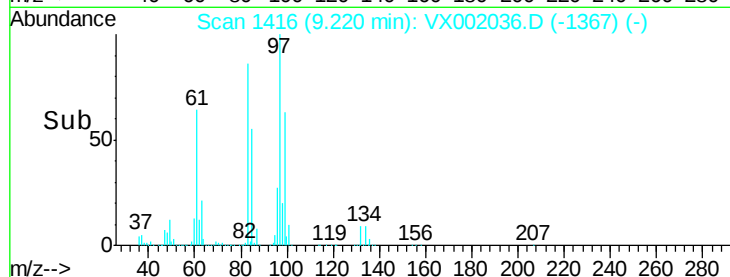
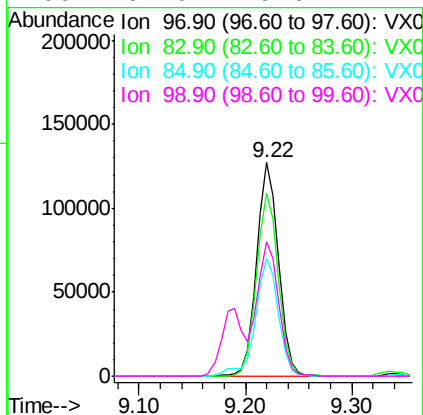
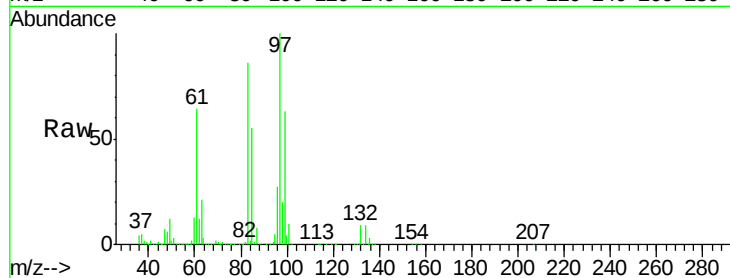




#55
 1,1,2-Trichloroethane
 Concen: 47.47 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002036.D
 Acq: 26 May 2018 22:59

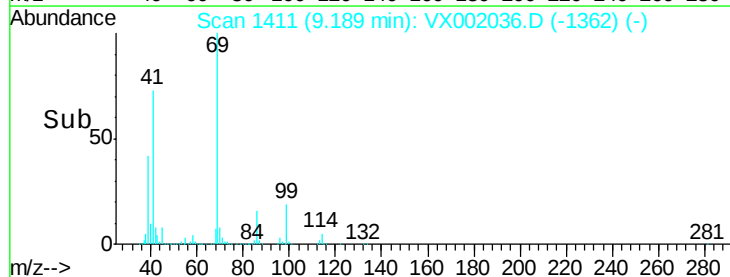
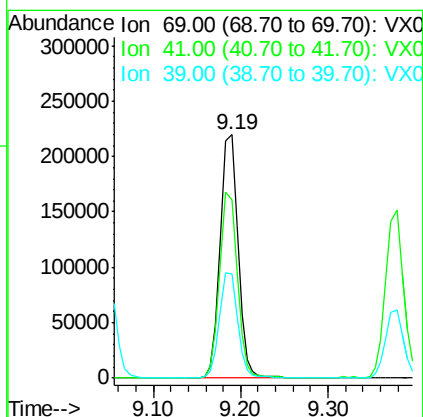
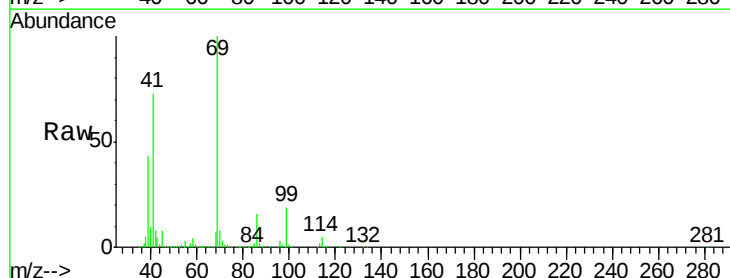
Instrument :
 MSVOA_X
 ClientSampleId :

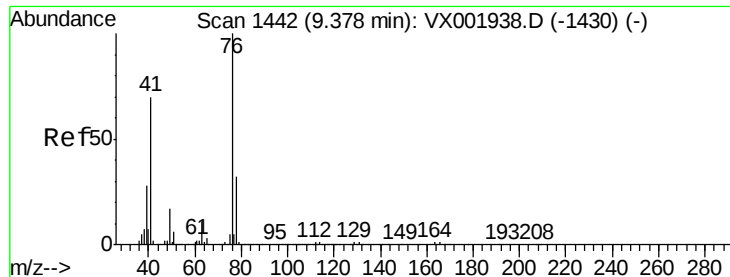
Tot Ion:	97	Resp:	183937
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.1	103.7
85	55.2	45.2	67.8
99	62.9	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 46.75 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX002036.D
 Acq: 26 May 2018 22:59

Tgt Ion:	69	Resp:	311641
Ion	Ratio	Lower	Upper
69	100		
41	75.9	61.0	91.6
39	43.7	34.4	51.6





#57

1,3-Dichloropropane

Concen: 48.34 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

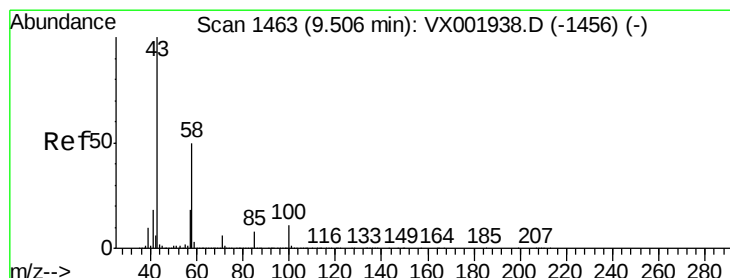
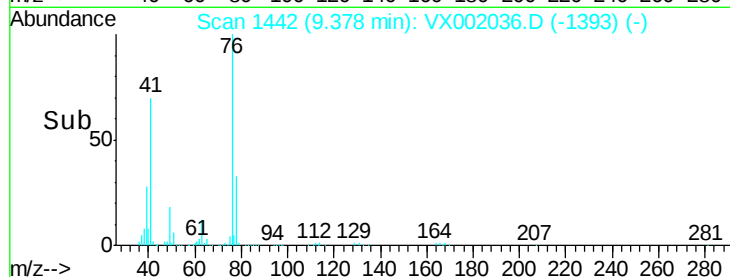
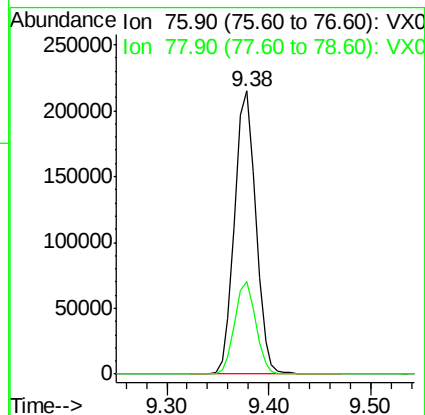
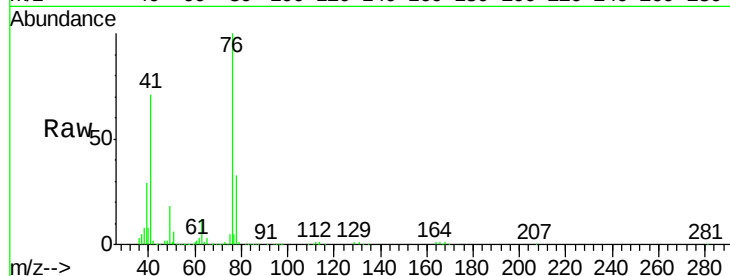
ClientSampleId :

Tot Ion: 76 Resp: 308612

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#59

2-Hexanone

Concen: 240.67 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VX002036.D

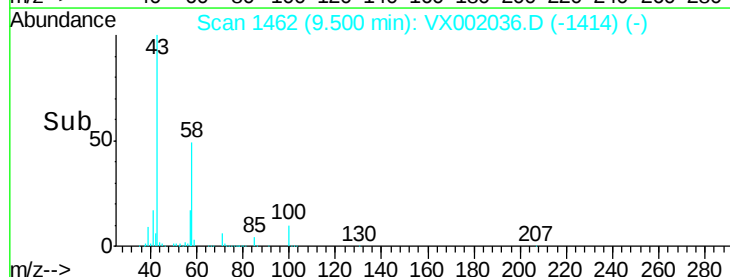
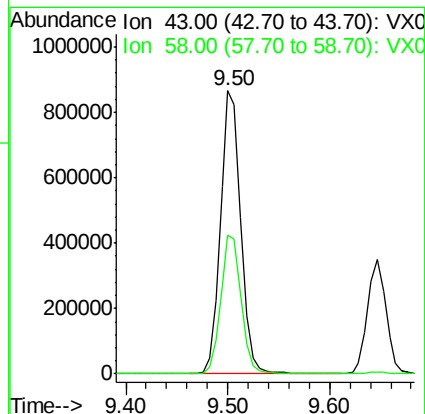
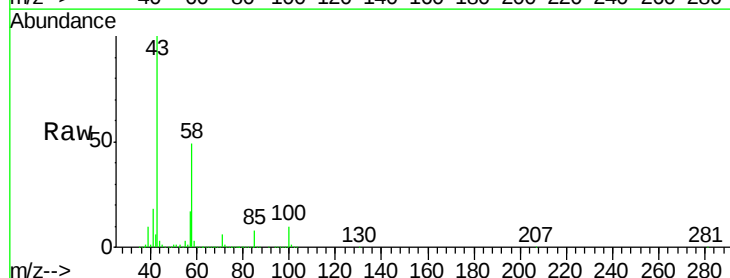
Acq: 26 May 2018 22:59

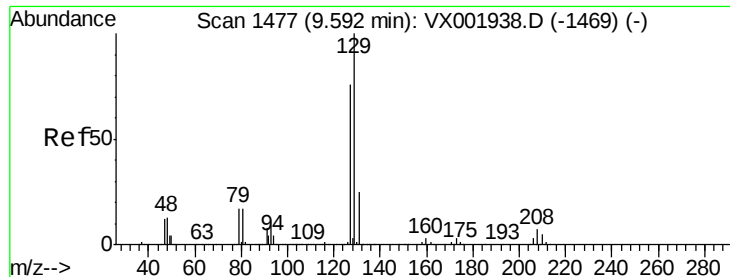
Tgt Ion: 43 Resp: 1208997

Ion Ratio Lower Upper

43 100

58 49.4 24.9 74.6





#60

Dibromochloromethane

Concen: 46.59 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

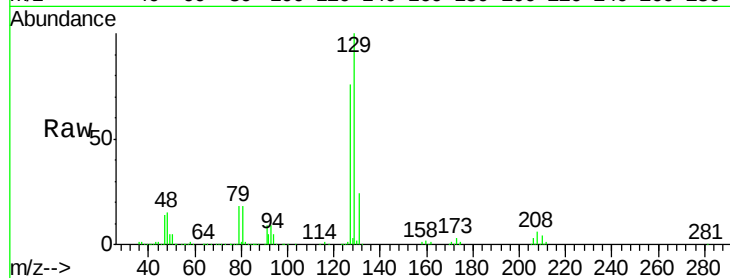
ClientSampleId :

Tot Ion:129 Resp: 213836

Ion Ratio Lower Upper

129 100

127 77.1 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

150000

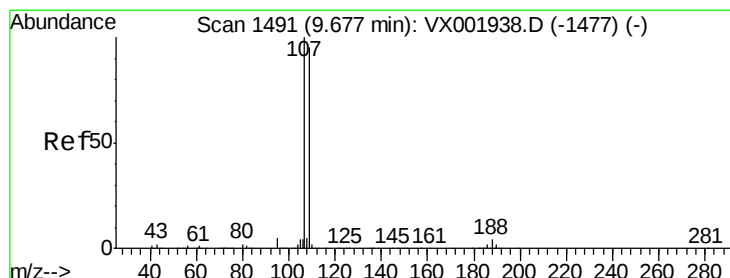
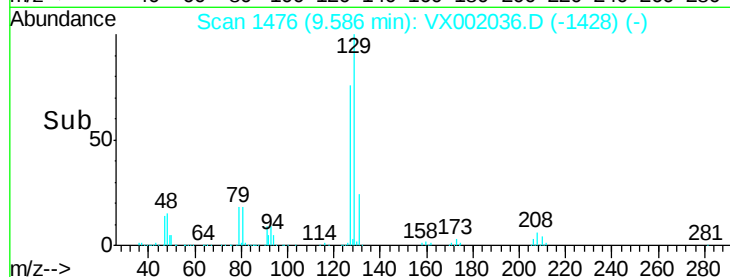
100000

50000

0

9.50 9.55 9.60 9.65 9.70

Time-->



#61

1,2-Dibromoethane

Concen: 48.33 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002036.D

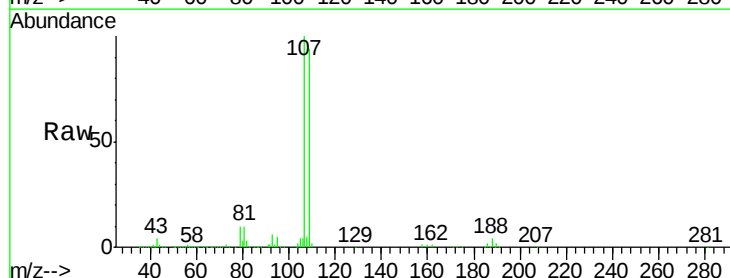
Acq: 26 May 2018 22:59

Tgt Ion:107 Resp: 196538

Ion Ratio Lower Upper

107 100

109 93.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

150000

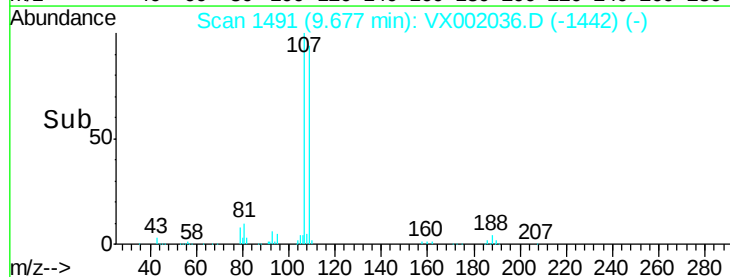
100000

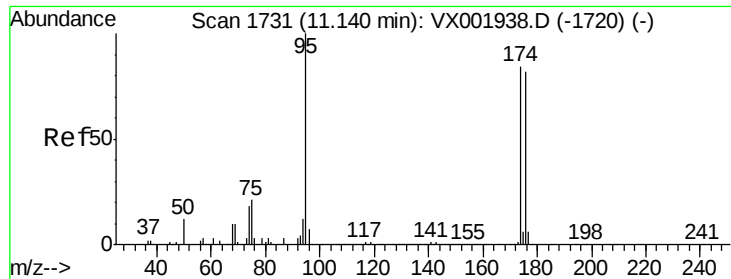
50000

0

9.60 9.65 9.70 9.75 9.80

Time-->

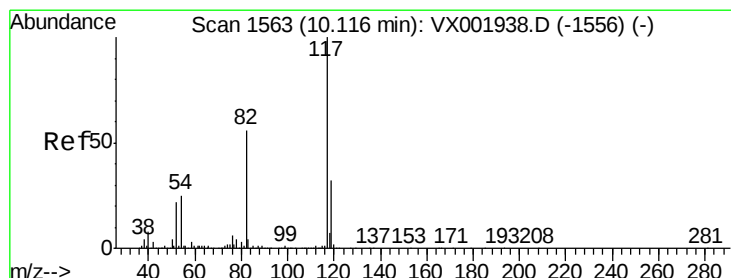
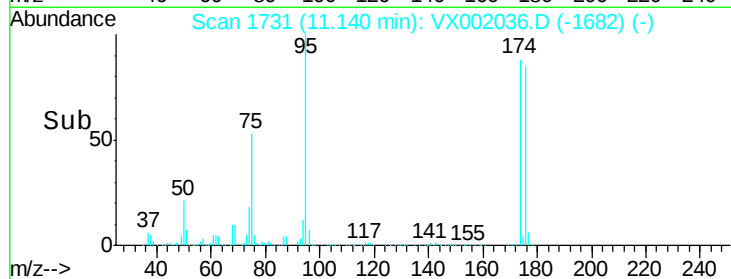
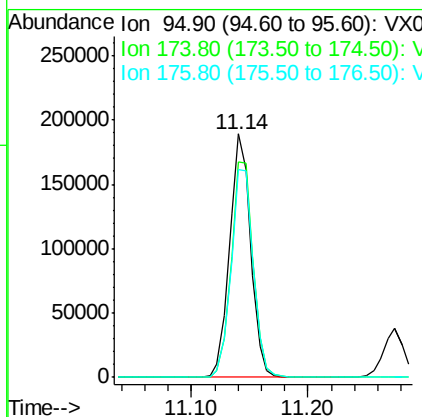
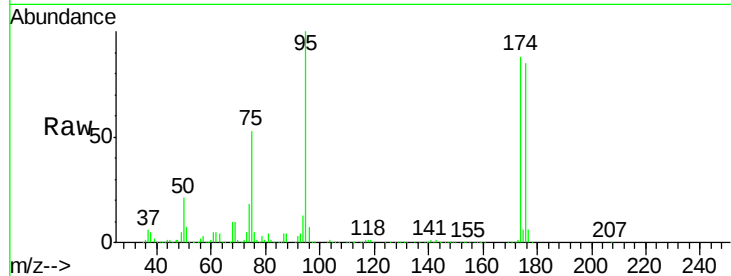




#62
4-Bromofluorobenzene
Concen: 47.03 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

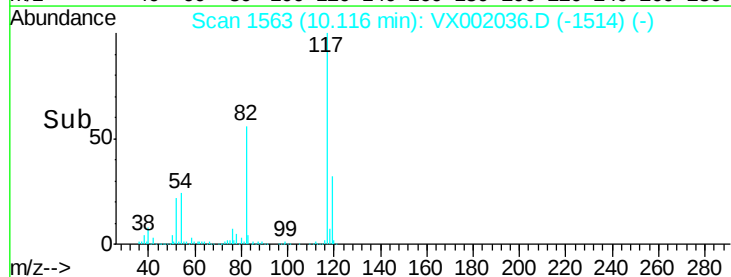
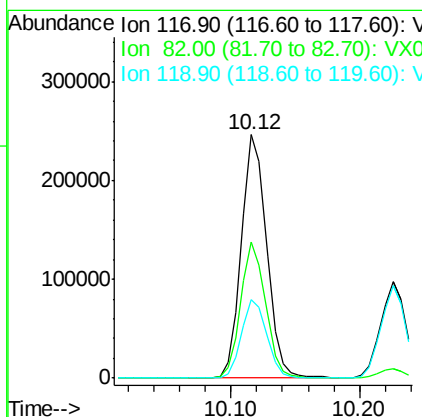
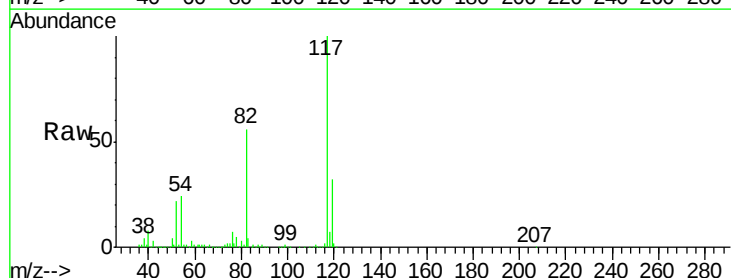
Instrument :
MSVOA_X
ClientSampleId :

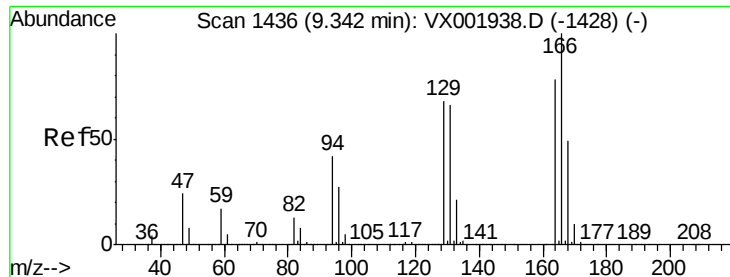
Tot Ion: 95 Resp: 238307
Ion Ratio Lower Upper
95 100
174 92.3 0.0 178.8
176 89.7 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

Tgt Ion: 117 Resp: 335265
Ion Ratio Lower Upper
117 100
82 55.6 44.8 67.2
119 32.0 25.5 38.3

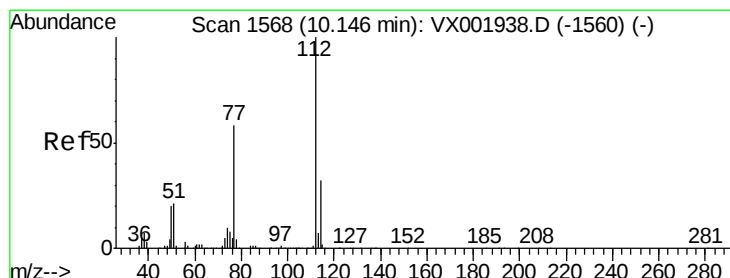
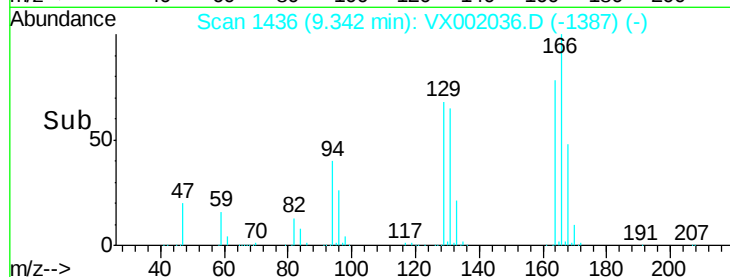
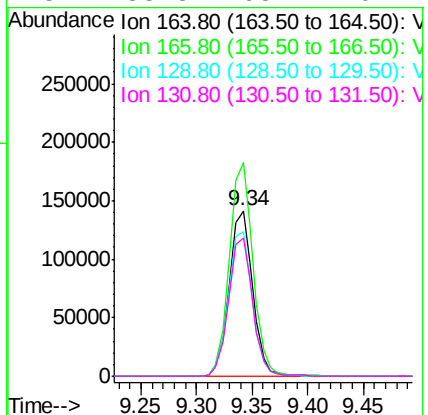
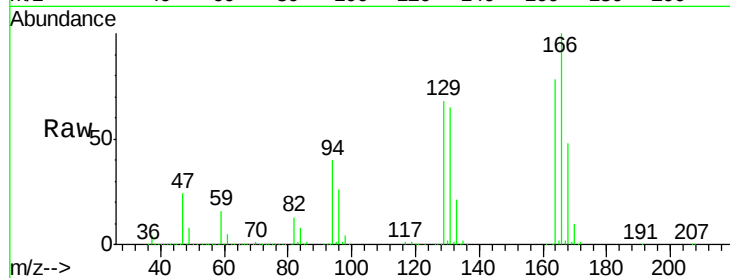




#64
Tetrachloroethene
Concen: 43.20 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

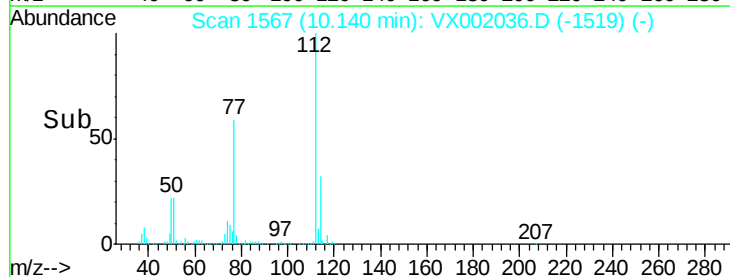
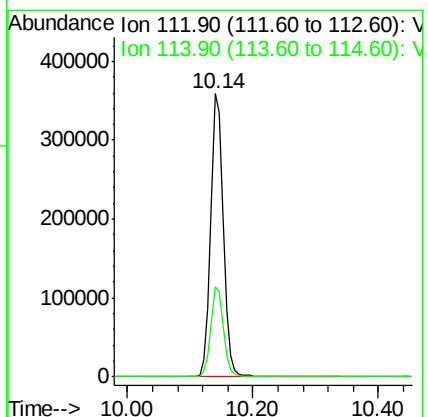
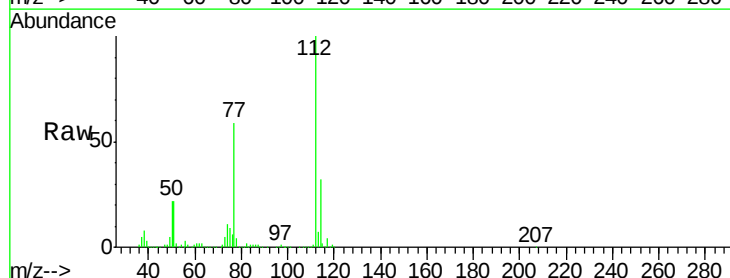
Instrument :
MSVOA_X
ClientSampleId :

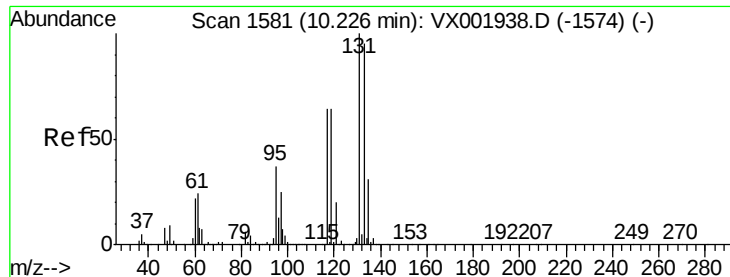
Tot Ion	Ratio	Lower	Upper
164	100		
166	129.0	102.7	154.1
129	87.4	70.3	105.5
131	83.3	68.2	102.4



#65
Chlorobenzene
Concen: 47.25 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.9	38.9





#66

1,1,1,2-Tetrachloroethane

Concen: 46.40 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

ClientSampleId :

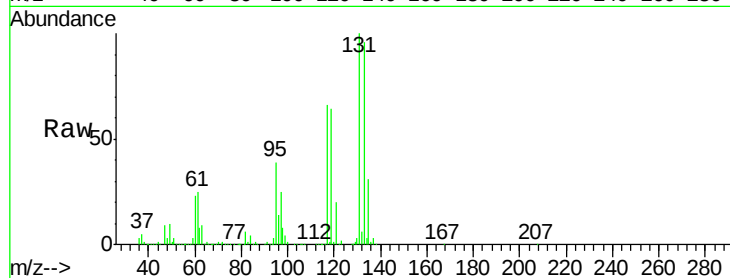
Tot Ion:131 Resp: 199001

Ion Ratio Lower Upper

131 100

133 95.1 48.0 144.0

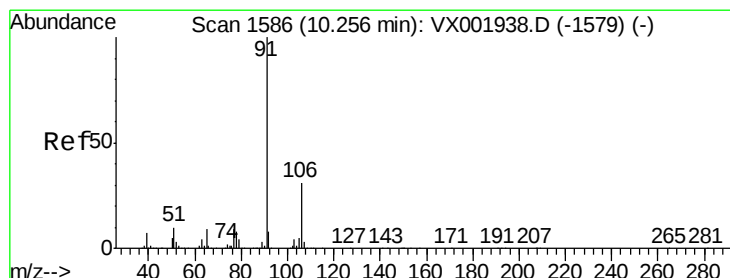
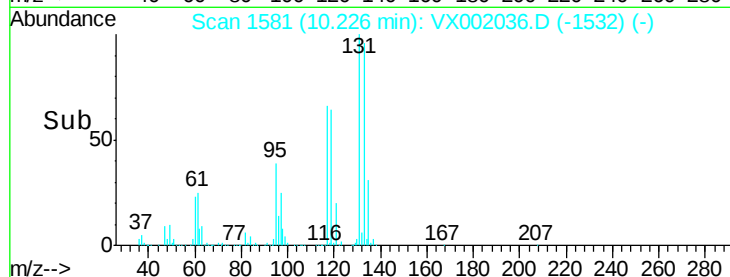
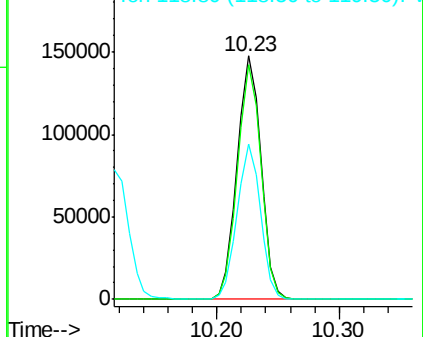
119 62.5 31.9 95.5



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: 46.25 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002036.D

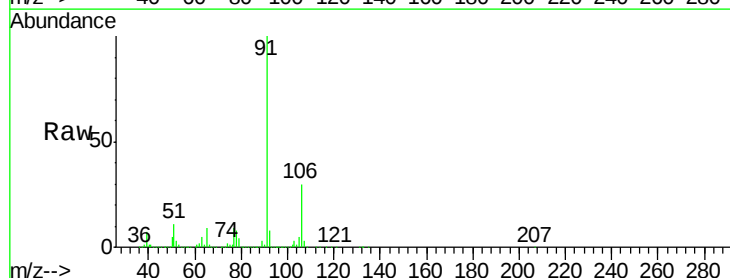
Acq: 26 May 2018 22:59

Tgt Ion: 91 Resp: 853614

Ion Ratio Lower Upper

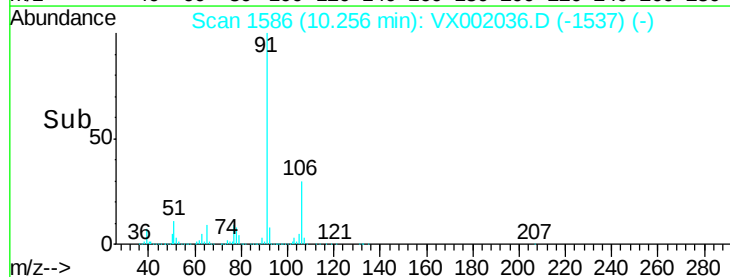
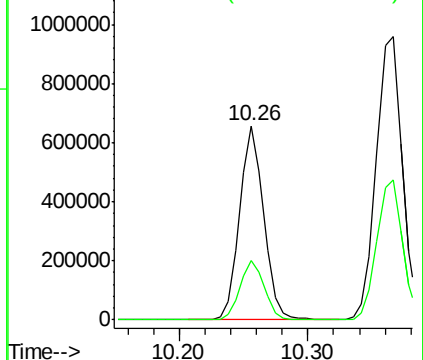
91 100

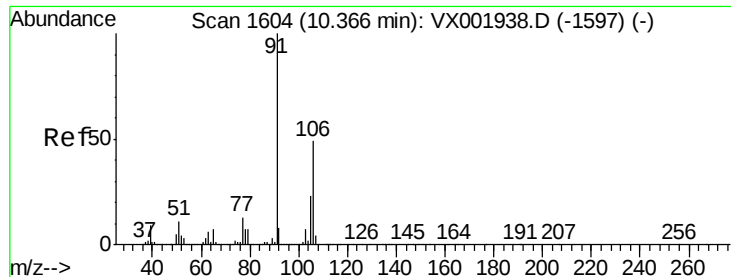
106 30.5 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xvlenes

Concen: 93.07 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

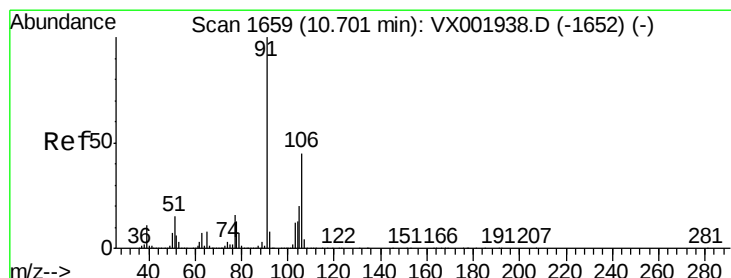
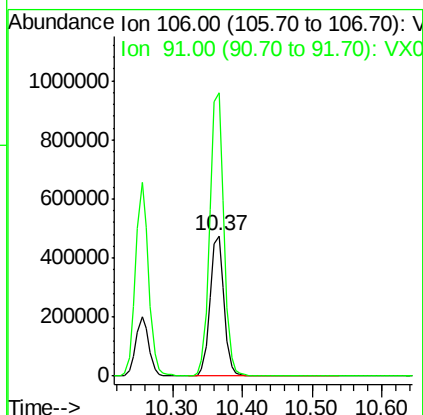
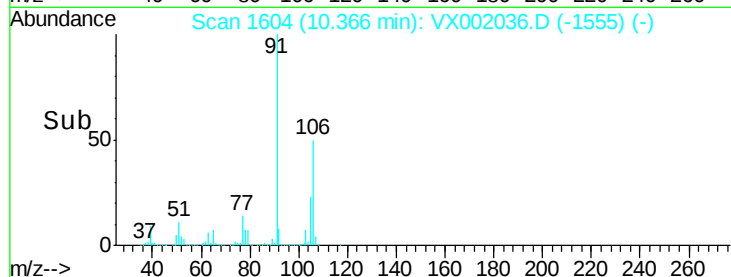
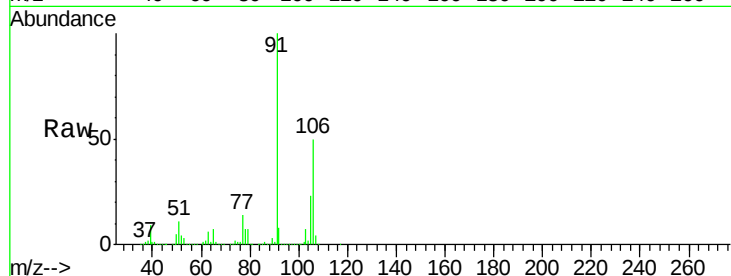
ClientSampleId :

Tot Ion:106 Resp: 656617

Ion Ratio Lower Upper

106 100

91 204.5 165.0 247.6



#69

o-Xylene

Concen: 46.42 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX002036.D

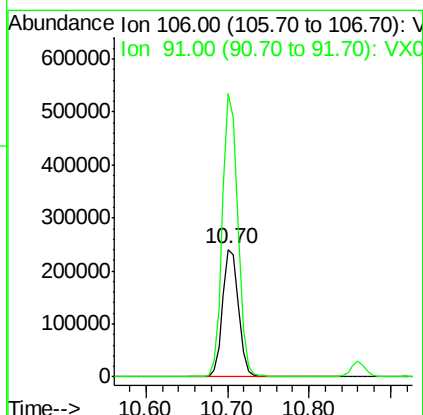
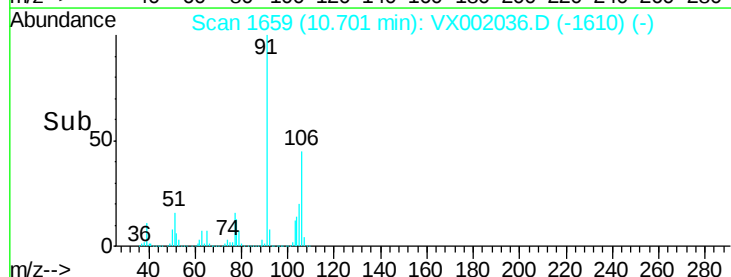
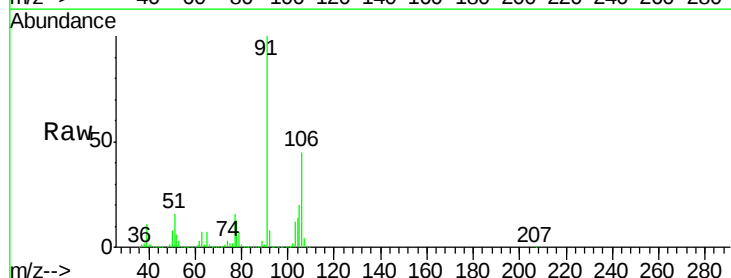
Acq: 26 May 2018 22:59

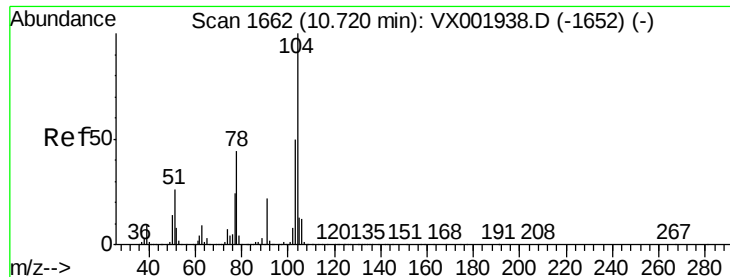
Tgt Ion:106 Resp: 326998

Ion Ratio Lower Upper

106 100

91 217.5 108.7 325.9

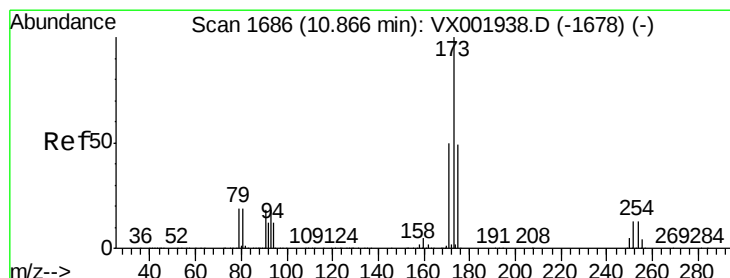
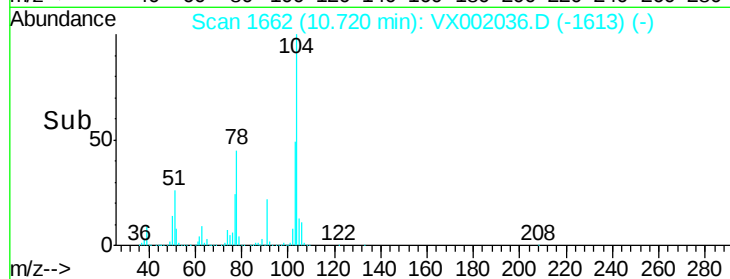
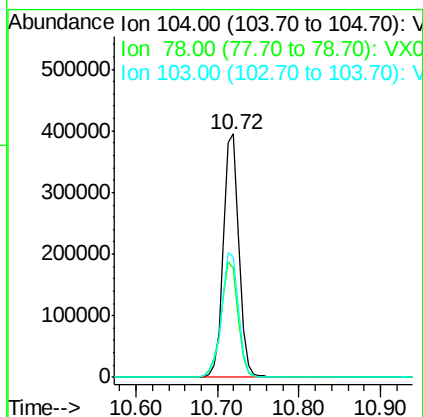
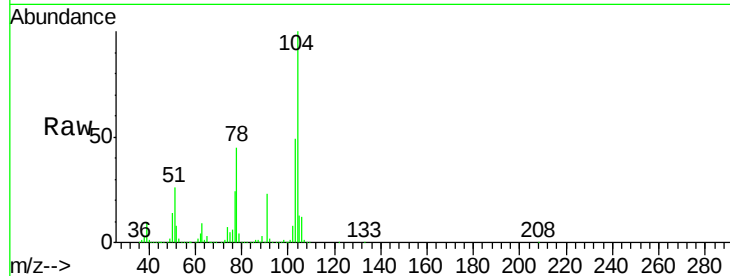




#70
Stvrene
Concen: 44.71 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

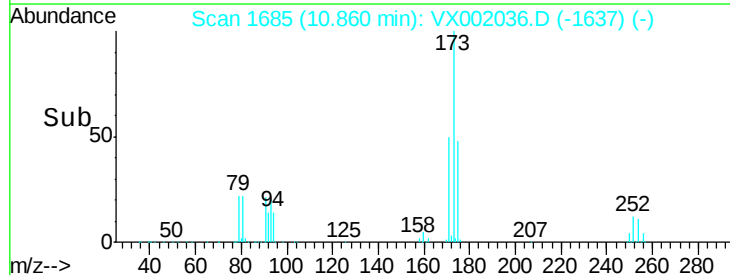
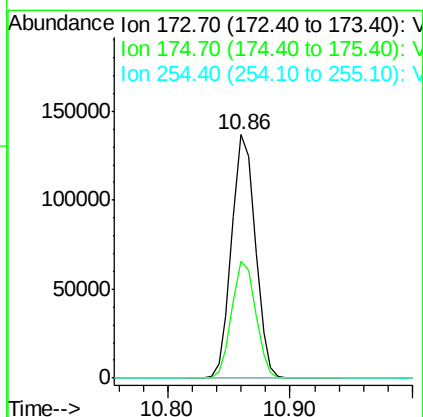
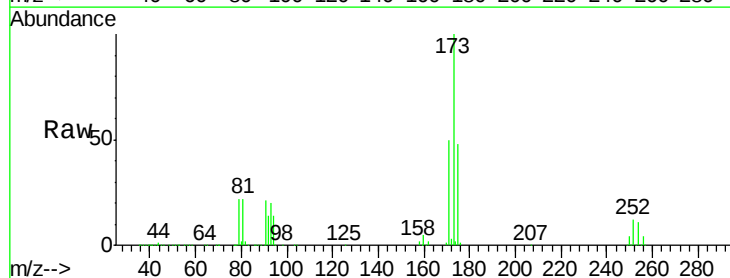
Instrument :
MSVOA_X
ClientSampled :

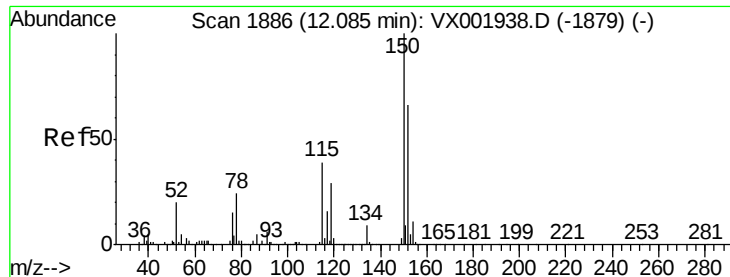
Tot Ion:104 Resp: 522353
Ion Ratio Lower Upper
104 100
78 52.6 41.8 62.6
103 56.0 44.6 67.0



#71
Bromoform
Concen: 44.98 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

Tgt Ion:173 Resp: 182943
Ion Ratio Lower Upper
173 100
175 48.6 24.3 72.9
254 0.2 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

ClientSampleId :

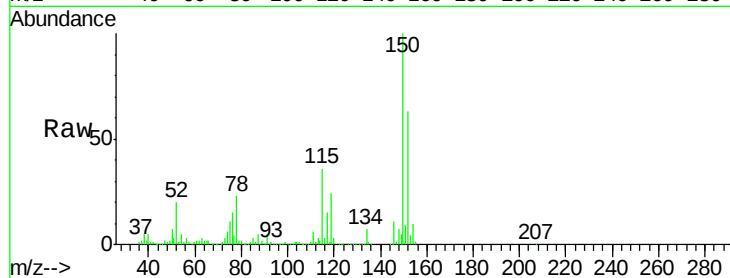
Tot Ion:152 Resp: 225277

Ion Ratio Lower Upper

152 100

115 81.0 42.3 126.8

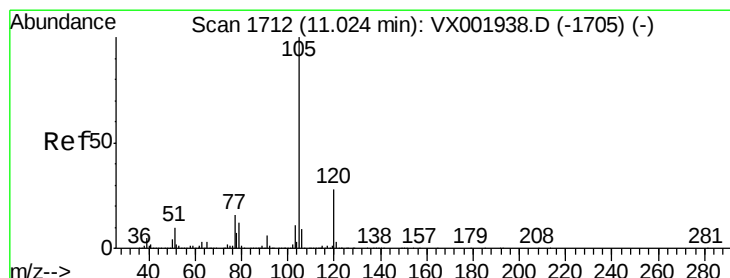
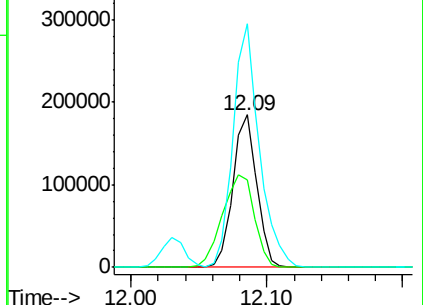
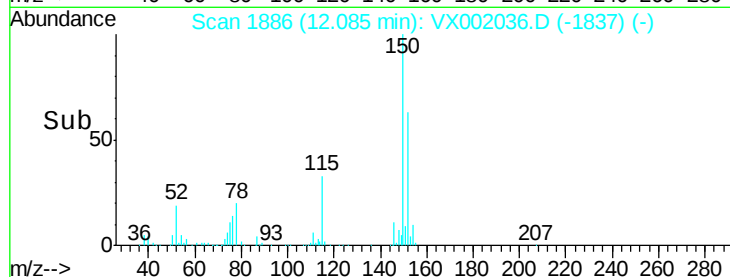
150 175.7 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 45.04 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002036.D

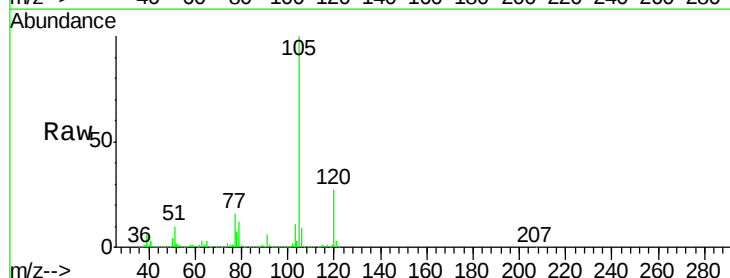
Acq: 26 May 2018 22:59

Tgt Ion:105 Resp: 859284

Ion Ratio Lower Upper

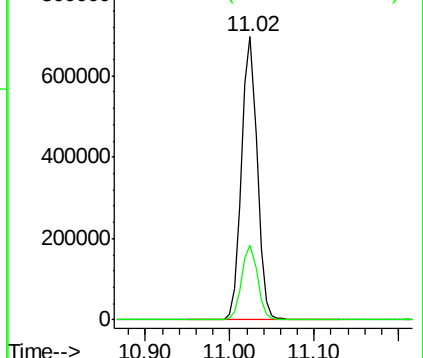
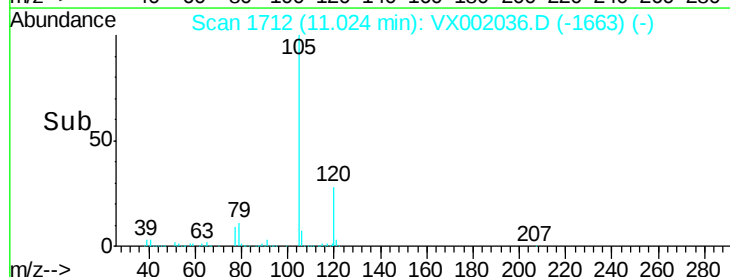
105 100

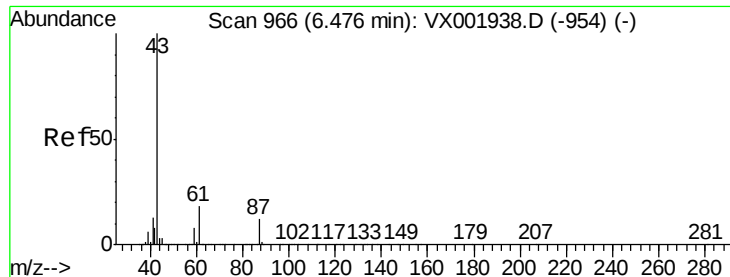
120 26.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 50.41 ug/l

RT: 6.47 min Scan# 965

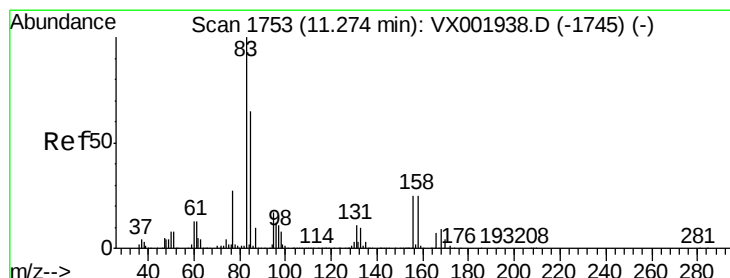
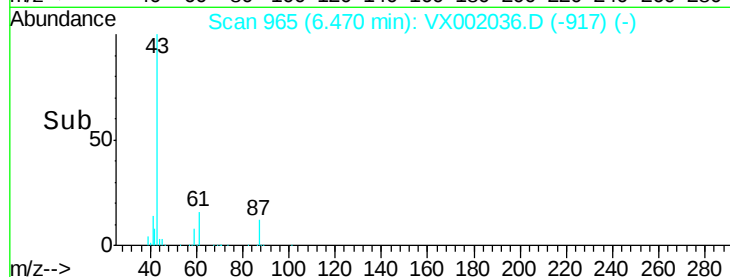
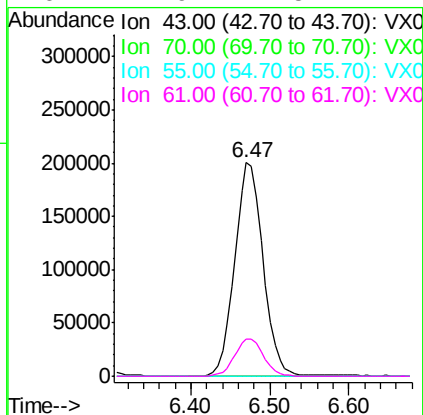
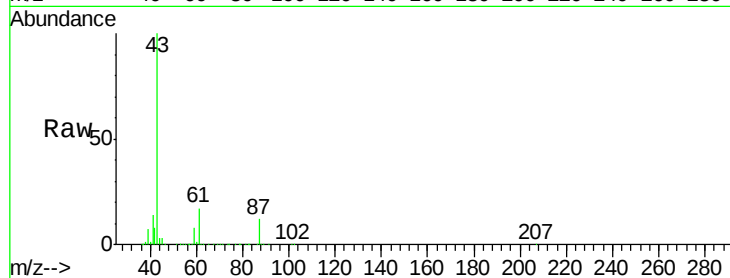
Delta R.T. -0.01 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	43	Resp:	498658
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.1	0.1#
55	0.0	0.1	0.1#
61	17.9	14.5	21.7



#75

1,1,2,2-Tetrachloroethane

Concen: 53.25 ug/l

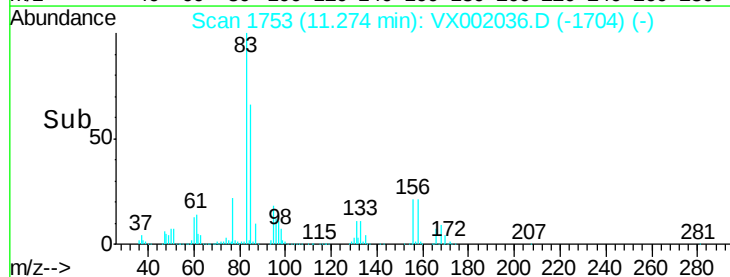
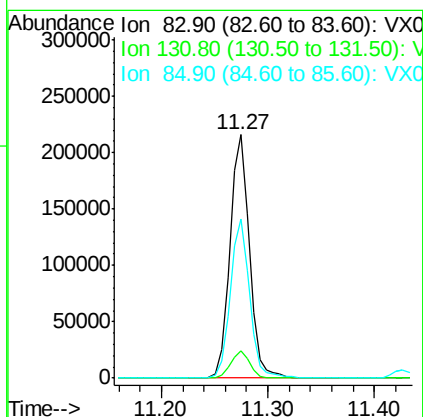
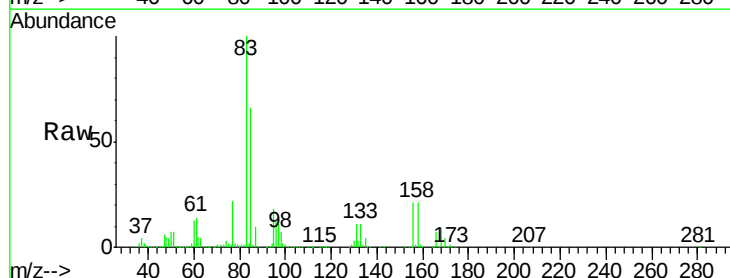
RT: 11.27 min Scan# 1753

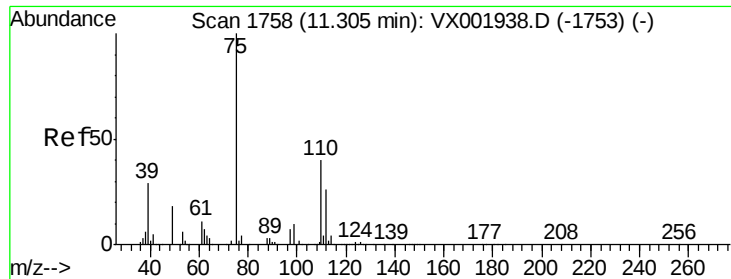
Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Tgt Ion:	83	Resp:	277402
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.7	17.0
85	64.9	32.6	97.7





#76

1,2,3-Trichloropropane

Concen: 63.62 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

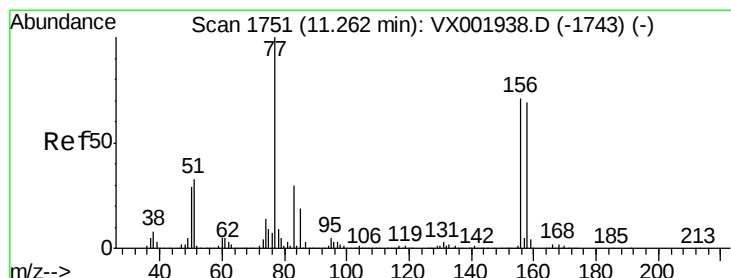
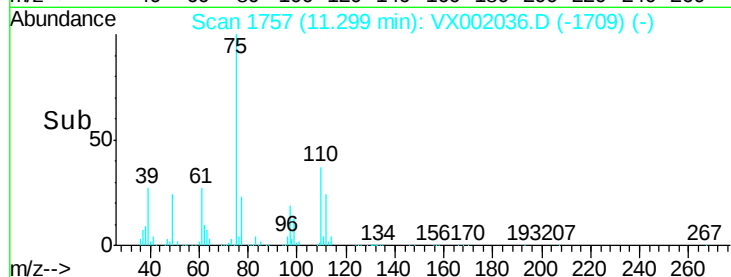
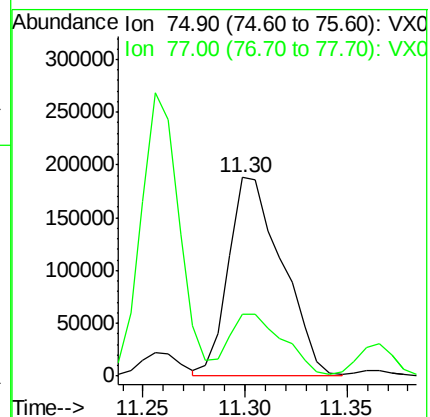
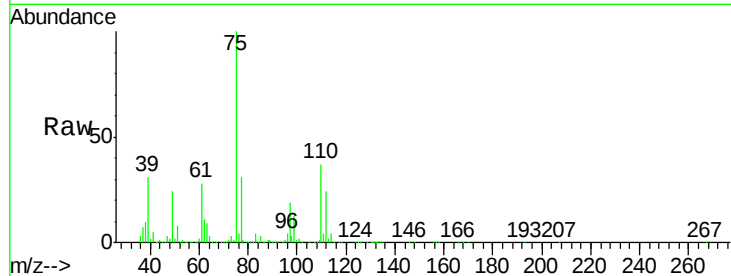
ClientSampleId :

Tot Ion: 75 Resp: 344234

Ion Ratio Lower Upper

75 100

77 32.4 22.8 68.3



#77

Bromobenzene

Concen: 47.34 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

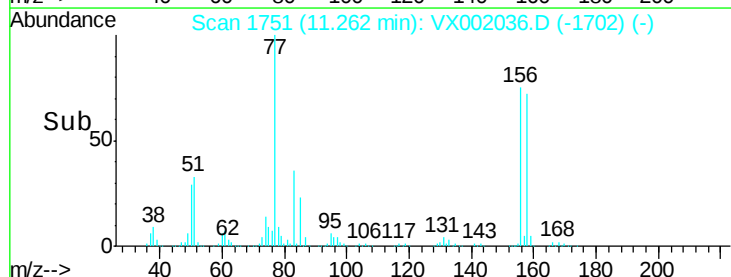
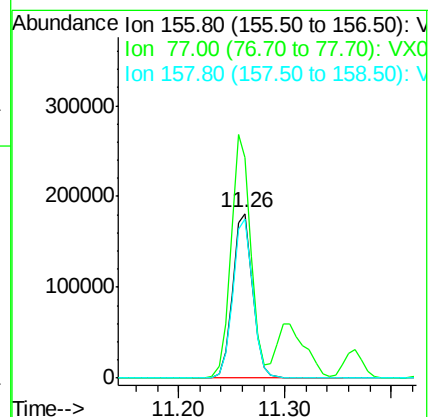
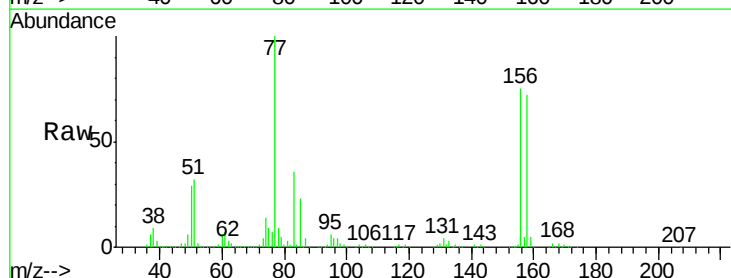
Tgt Ion: 156 Resp: 239588

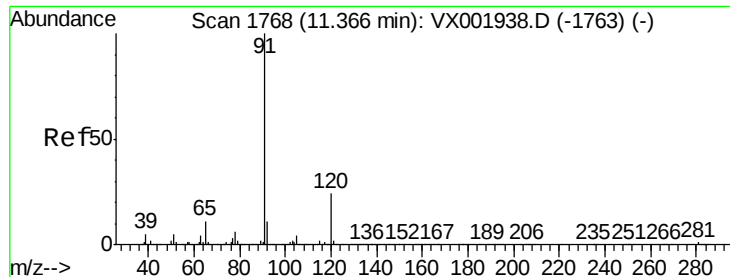
Ion Ratio Lower Upper

156 100

77 144.6 75.2 225.6

158 97.0 48.6 145.8





#78

n-propylbenzene

Concen: 44.75 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

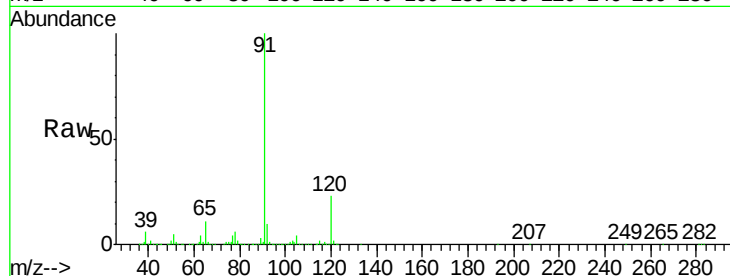
ClientSampleId :

Tot Ion: 91 Resp: 956012

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

200000

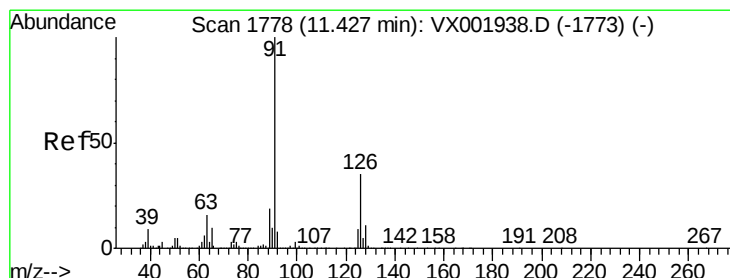
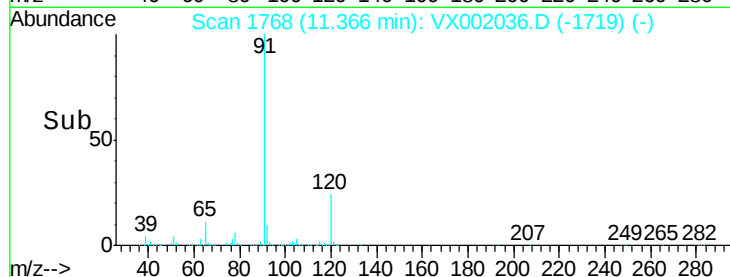
0

11.35

11.37

11.40

Time-->



#79

2-Chlorotoluene

Concen: 50.45 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002036.D

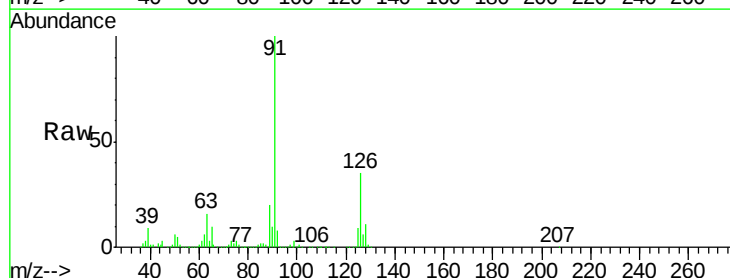
Acq: 26 May 2018 22:59

Tgt Ion: 91 Resp: 591097

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

800000

600000

400000

200000

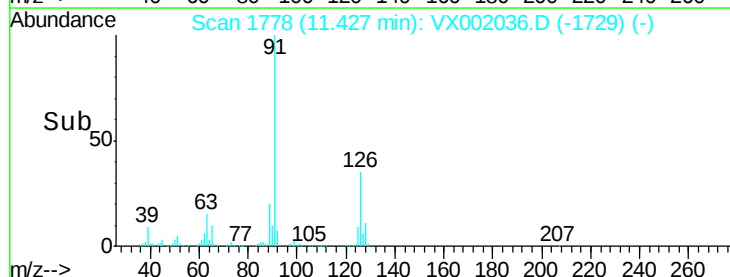
0

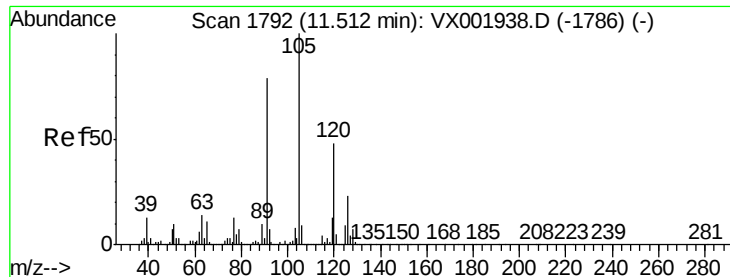
11.40

11.43

11.45

Time-->

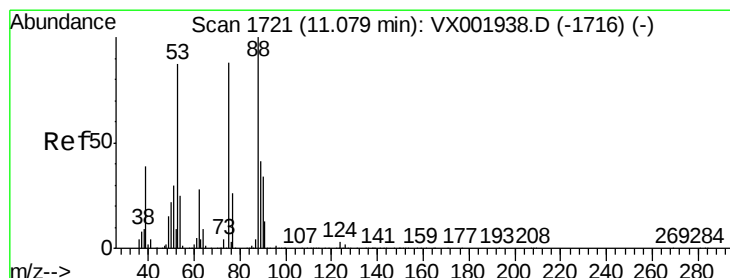
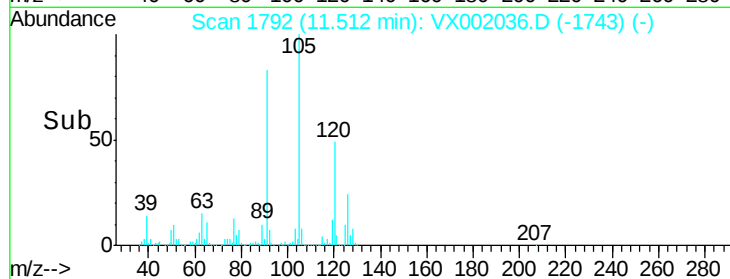
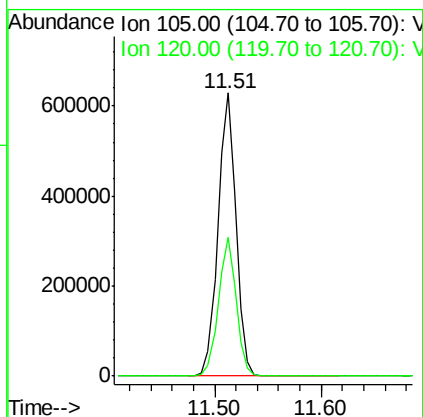
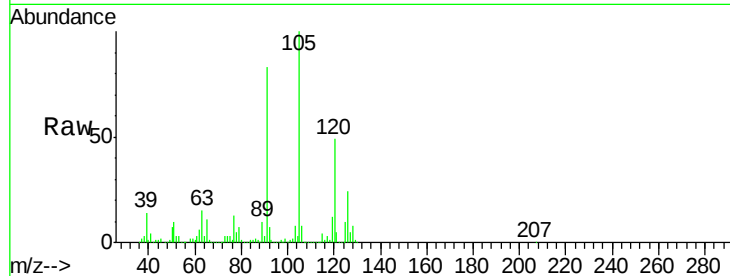




#80
 1,3,5-Trimethylbenzene
 Concen: 44.93 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002036.D
 Acq: 26 May 2018 22:59

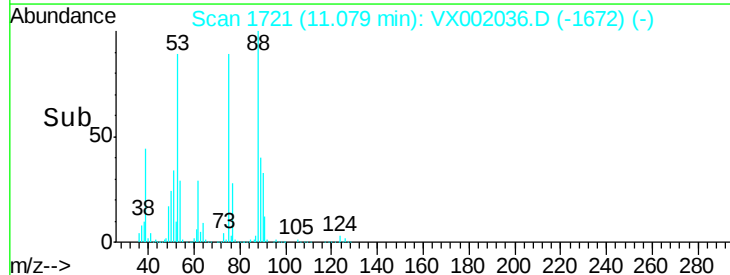
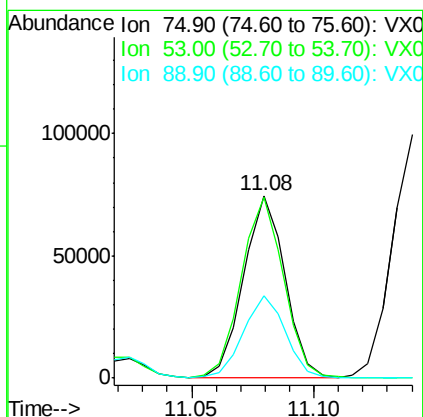
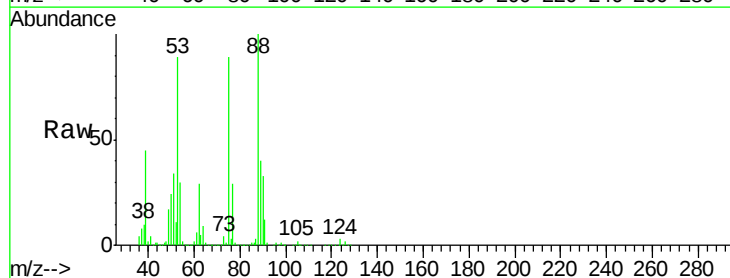
Instrument :
 MSVOA_X
 ClientSampleId :

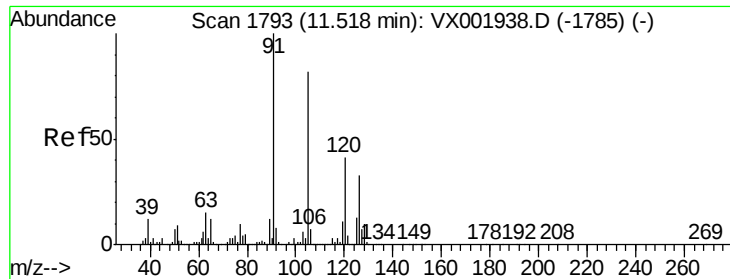
Tot Ion:105 Resp: 732536
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 39.03 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX002036.D
 Acq: 26 May 2018 22:59

Tgt Ion: 75 Resp: 87875
 Ion Ratio Lower Upper
 75 100
 53 101.0 78.0 117.0
 89 46.0 39.4 59.2

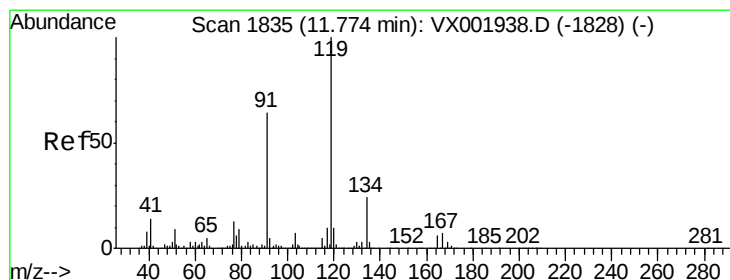
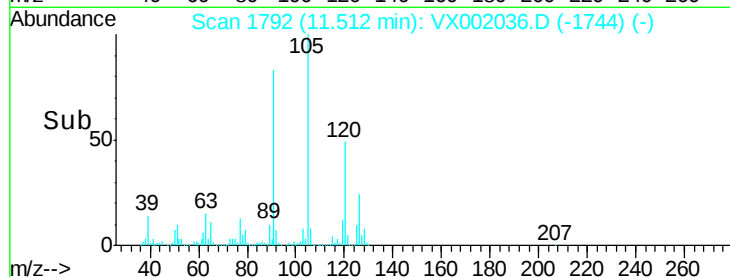
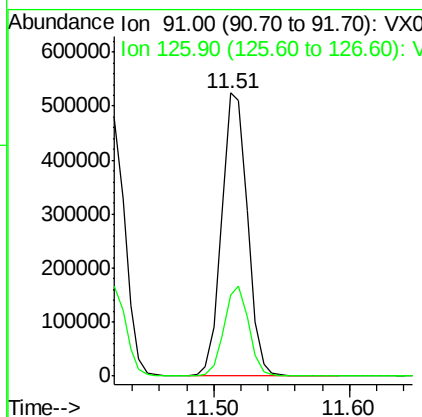
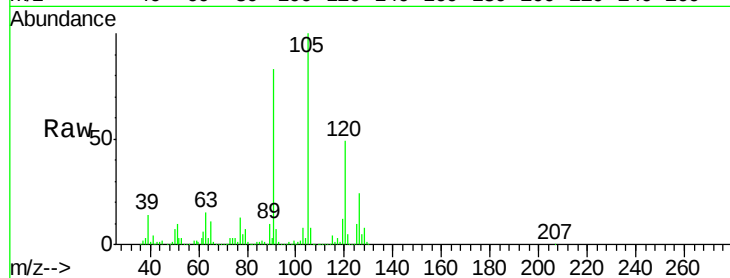




#82
4-Chlorotoluene
Concen: 45.66 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

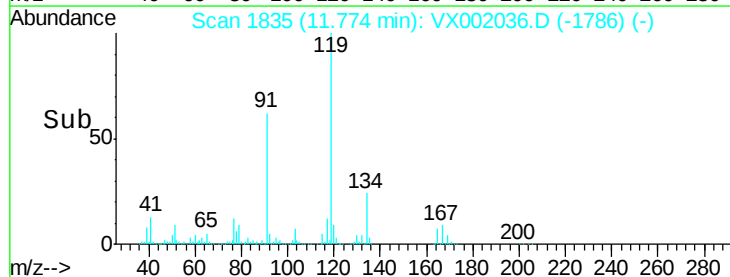
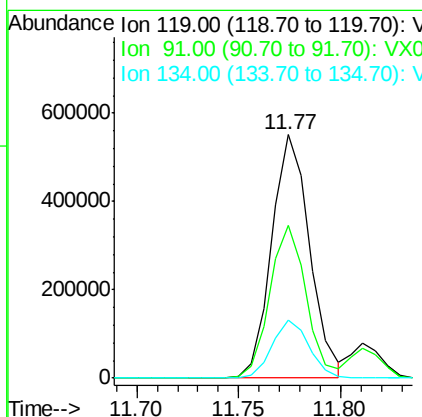
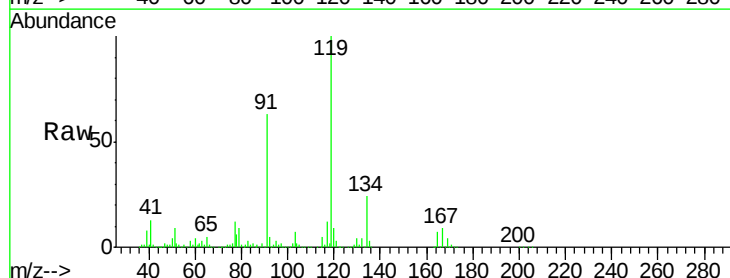
Instrument :
MSVOA_X
ClientSampleId :

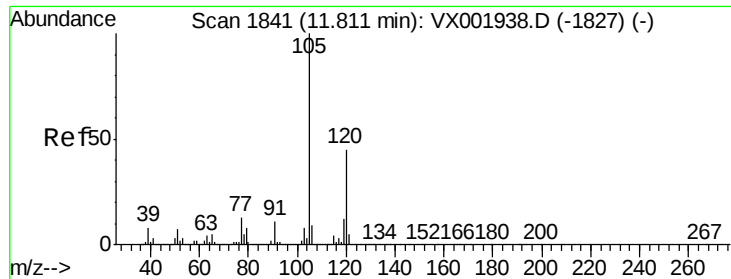
Tot Ion: 91 Resp: 688018
Ion Ratio Lower Upper
91 100
126 30.7 15.3 45.8



#83
tert-Butylbenzene
Concen: 44.95 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

Tgt Ion: 119 Resp: 719140
Ion Ratio Lower Upper
119 100
91 59.9 30.6 91.8
134 23.0 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 45.00 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

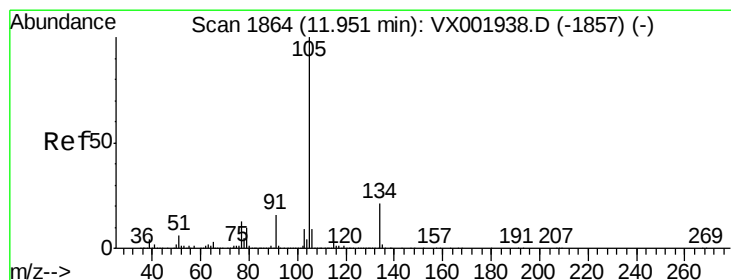
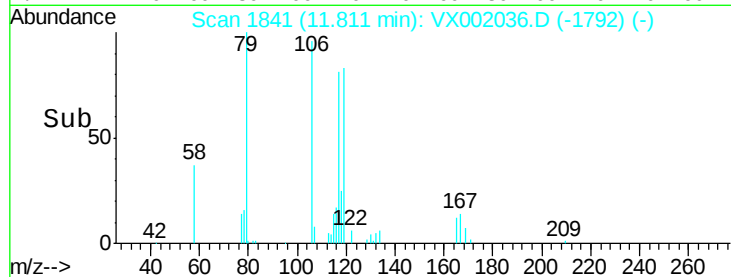
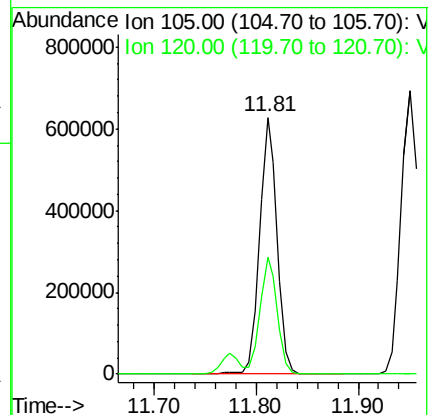
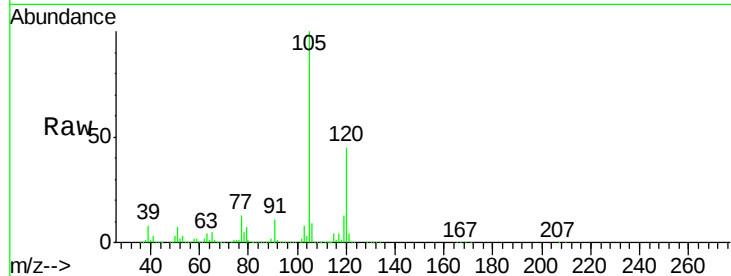
ClientSampleId :

Tot Ion:105 Resp: 758066

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.5



#85

sec-Butylbenzene

Concen: 43.86 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002036.D

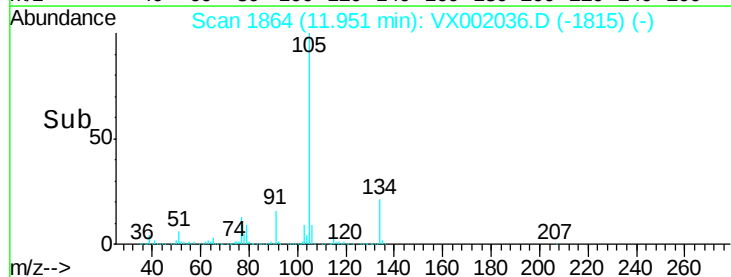
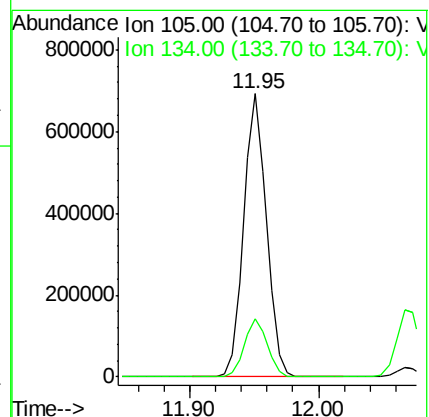
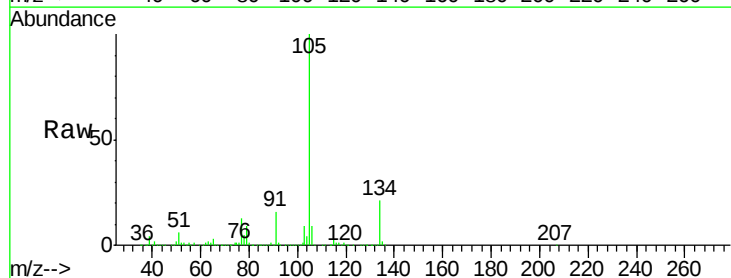
Acq: 26 May 2018 22:59

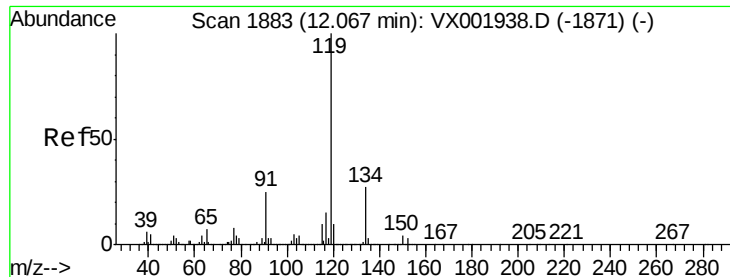
Tgt Ion:105 Resp: 843471

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.4





#86

p-Isopropyltoluene

Concen: 44.17 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

ClientSampled :

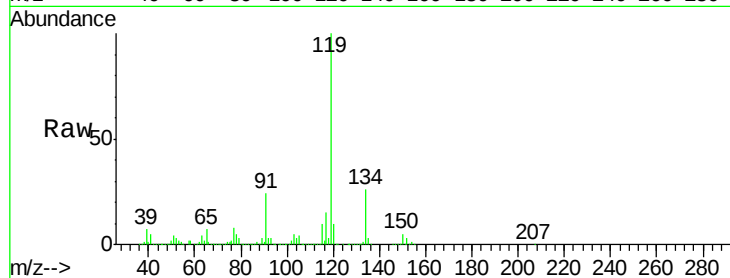
Tot Ion:119 Resp: 760043

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

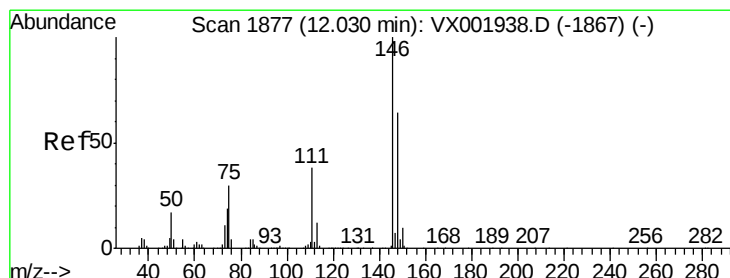
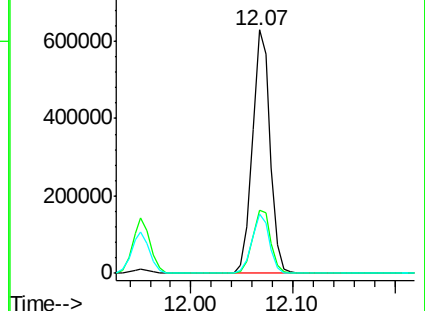
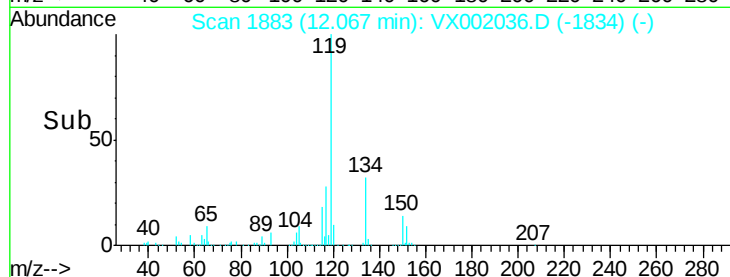
91 24.0 12.2 36.4



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: 46.40 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

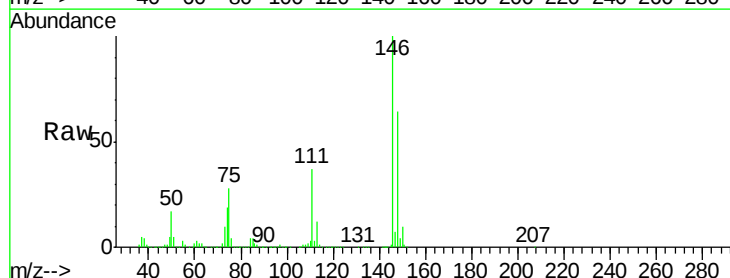
Tgt Ion:146 Resp: 420602

Ion Ratio Lower Upper

146 100

111 37.8 19.3 57.8

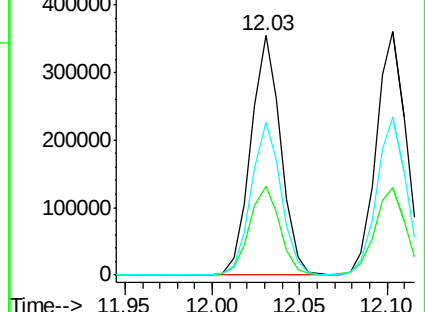
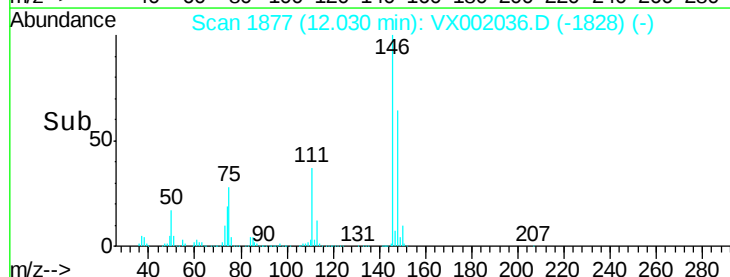
148 63.9 32.1 96.3

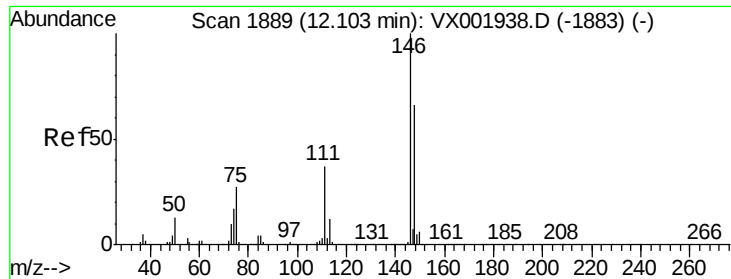


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

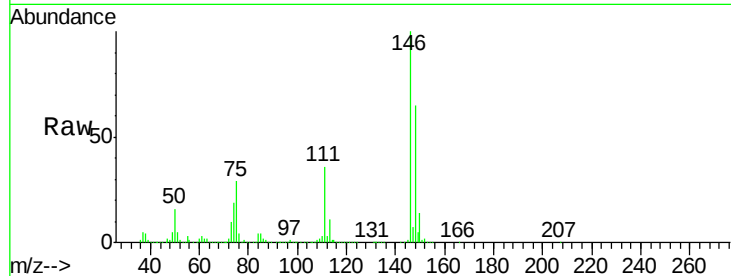




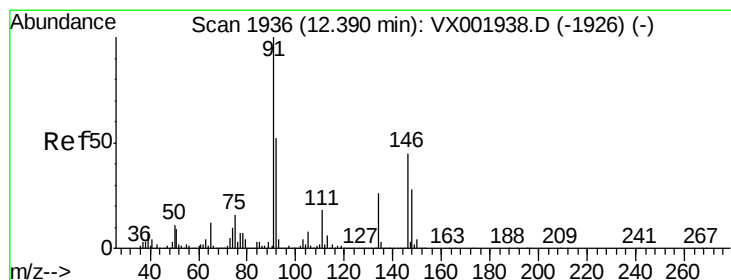
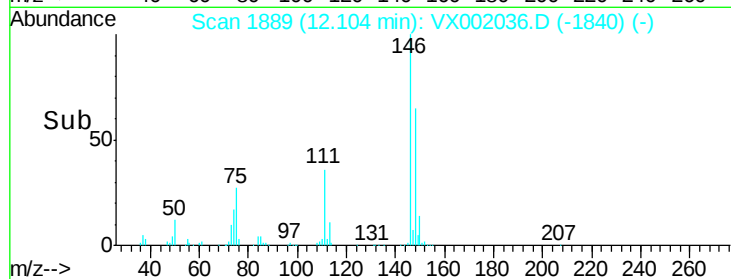
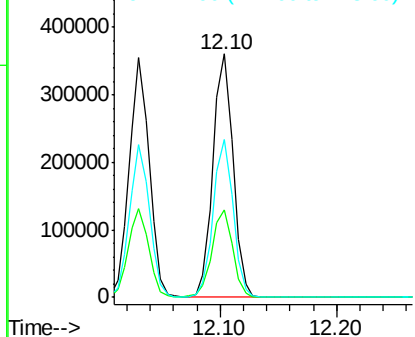
#88
 1,4-Dichlorobenzene
 Concen: 47.12 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002036.D
 Acq: 26 May 2018 22:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 426972
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.9 56.5
 148 64.2 32.3 96.8

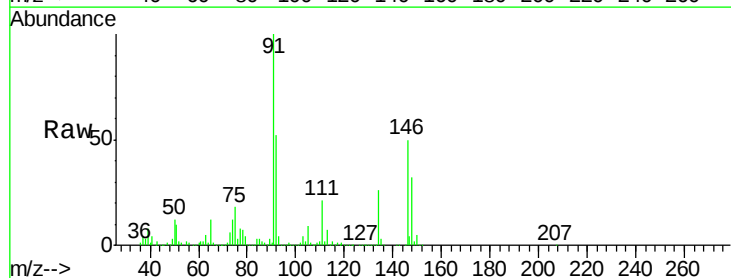


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

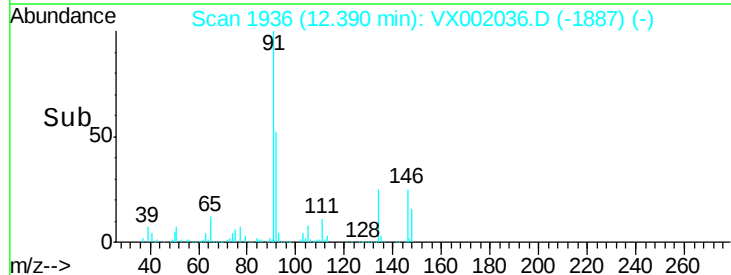
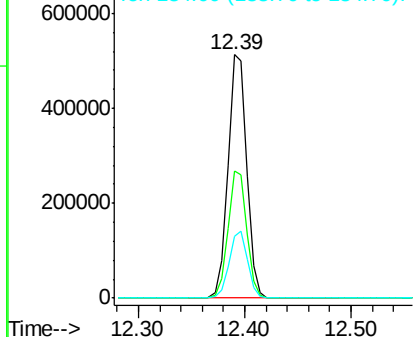


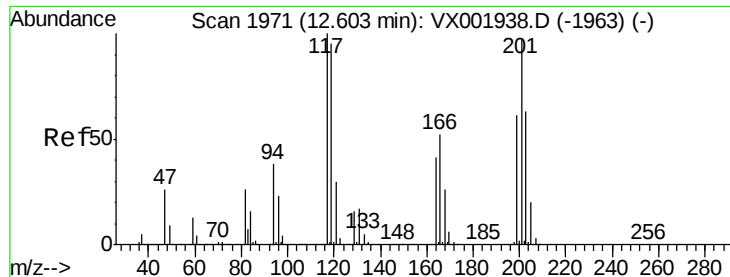
#89
 n-Butylbenzene
 Concen: 43.34 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX002036.D
 Acq: 26 May 2018 22:59

Tgt Ion: 91 Resp: 632013
 Ion Ratio Lower Upper
 91 100
 92 52.1 26.3 78.9
 134 26.8 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V

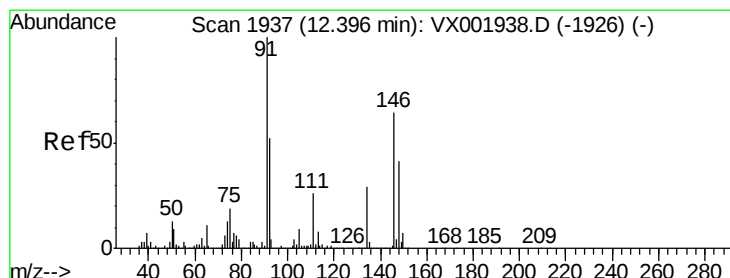
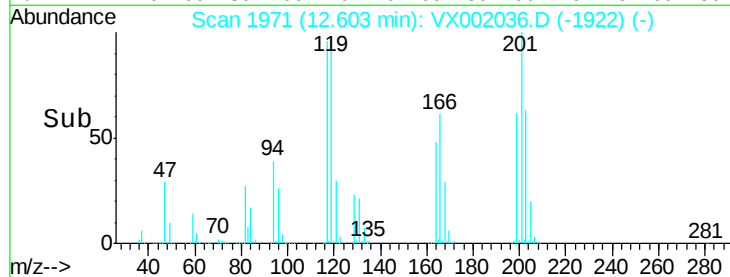
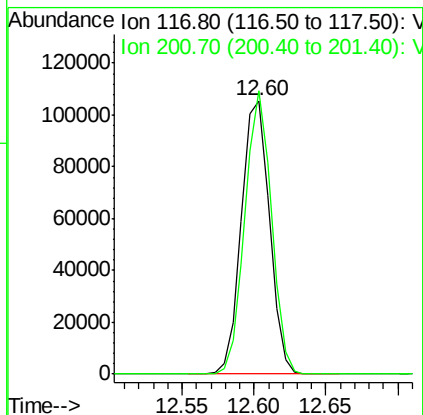
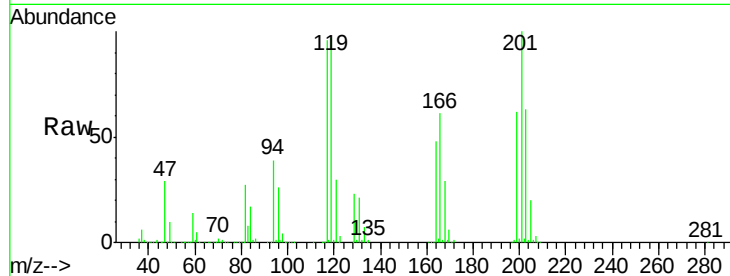




#90
Hexachloroethane
Concen: 42.04 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

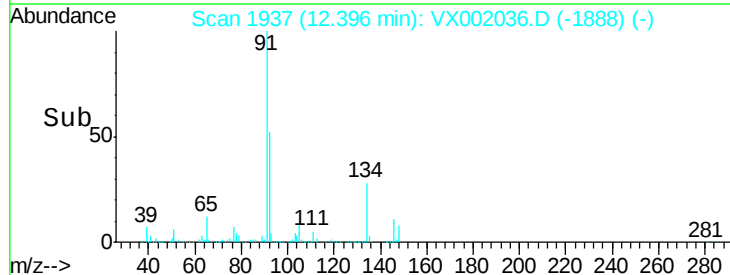
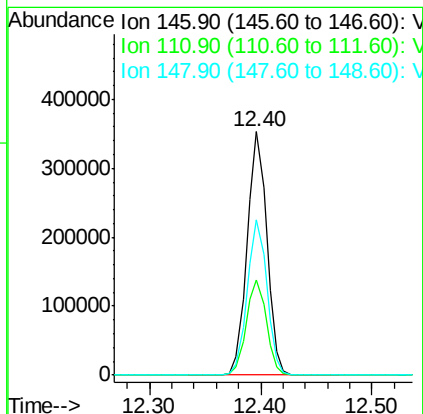
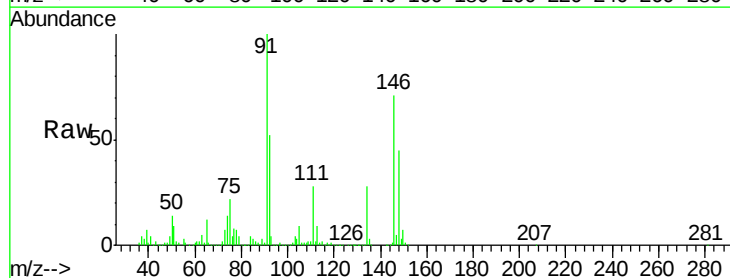
Instrument :
MSVOA_X
ClientSampleId :

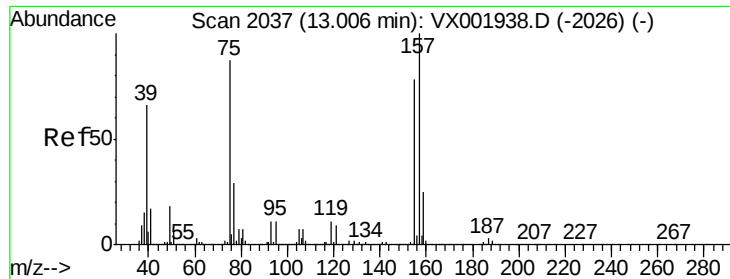
Tot Ion:117 Resp: 142698
Ion Ratio Lower Upper
117 100
201 97.3 48.0 144.0



#91
1,2-Dichlorobenzene
Concen: 47.06 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX002036.D
Acq: 26 May 2018 22:59

Tgt Ion:146 Resp: 434616
Ion Ratio Lower Upper
146 100
111 39.7 19.8 59.3
148 63.8 32.1 96.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 43.10 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

ClientSampleId :

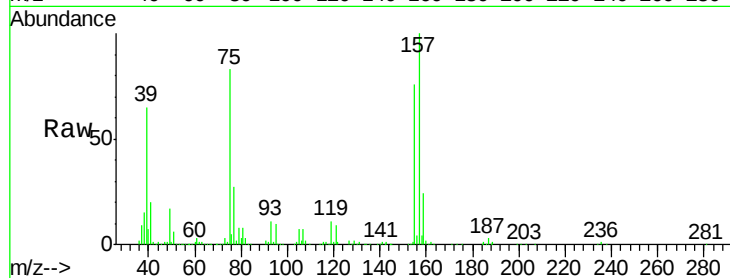
Tot Ion: 75 Resp: 73105

Ion Ratio Lower Upper

75 100

155 92.4 45.1 135.2

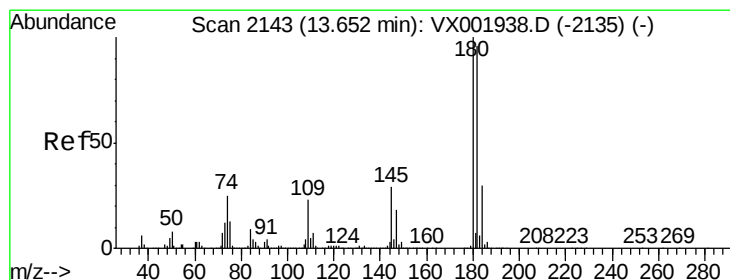
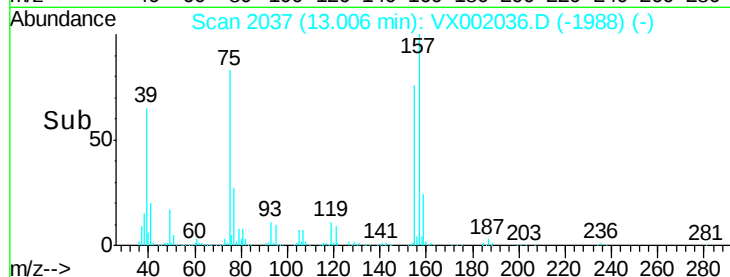
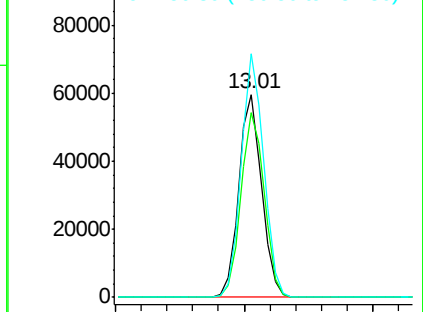
157 117.7 58.1 174.2



Abundance Ion 74.90 (74.60 to 75.60): VX001938.D (-2026) (-)

Ion 154.80 (154.50 to 155.50): VX001938.D (-2026) (-)

Ion 156.80 (156.50 to 157.50): VX001938.D (-2026) (-)



#93

1,2,4-Trichlorobenzene

Concen: 46.21 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

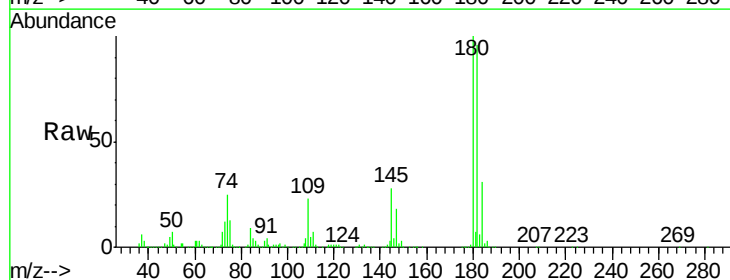
Tgt Ion: 180 Resp: 305166

Ion Ratio Lower Upper

180 100

182 95.5 47.7 143.1

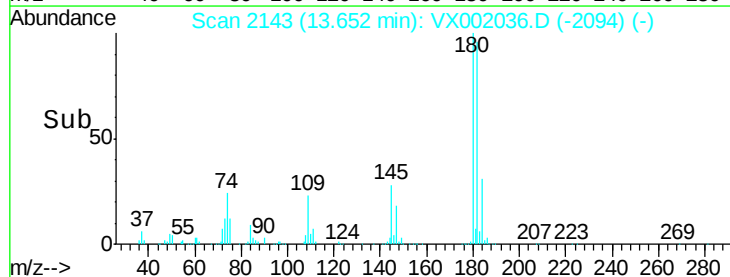
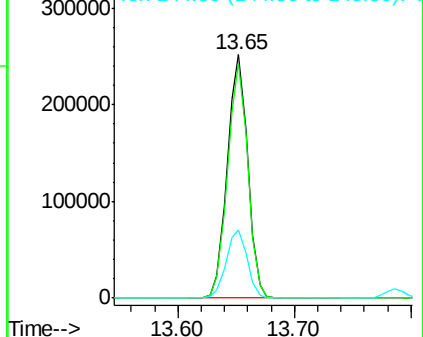
145 28.6 14.4 43.0

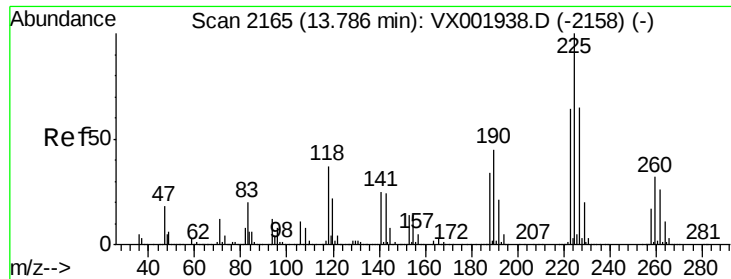


Abundance Ion 179.80 (179.50 to 180.50): VX001938.D (-2135) (-)

Ion 181.80 (181.50 to 182.50): VX001938.D (-2135) (-)

Ion 144.80 (144.50 to 145.50): VX001938.D (-2135) (-)





#94

Hexachlorobutadiene

Concen: 39.38 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

Instrument :

MSVOA_X

ClientSampleId :

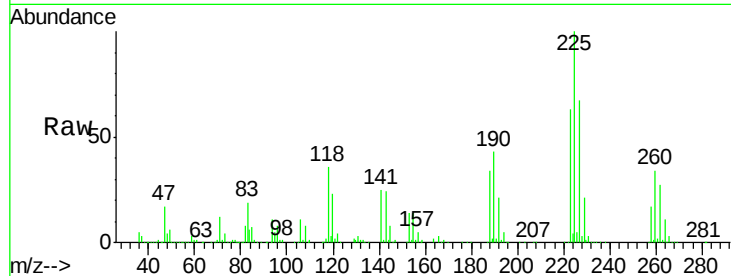
Tot Ion:225 Resp: 139878

Ion Ratio Lower Upper

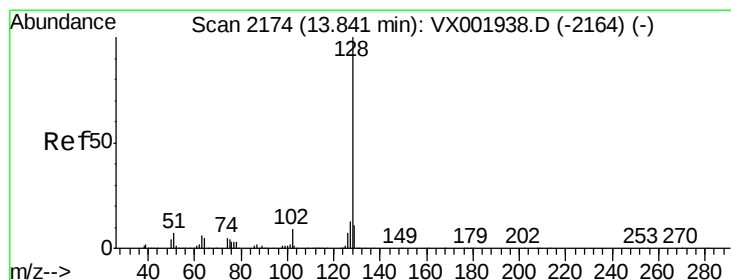
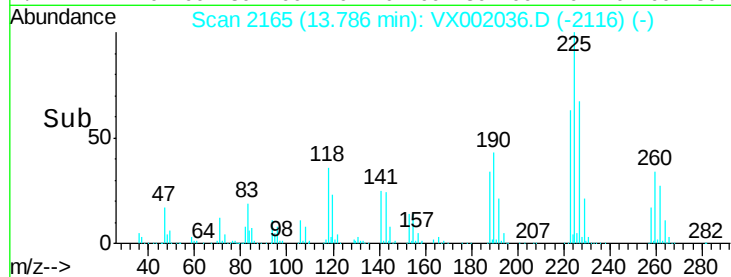
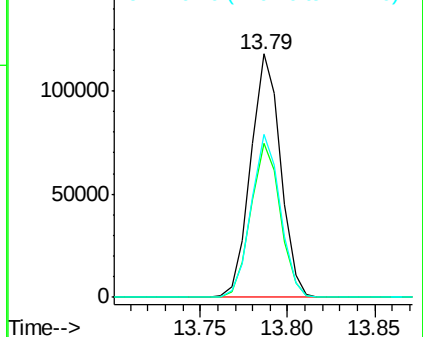
225 100

223 62.6 31.1 93.5

227 65.0 32.1 96.5



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



#95

Naphthalene

Concen: 46.97 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002036.D

Acq: 26 May 2018 22:59

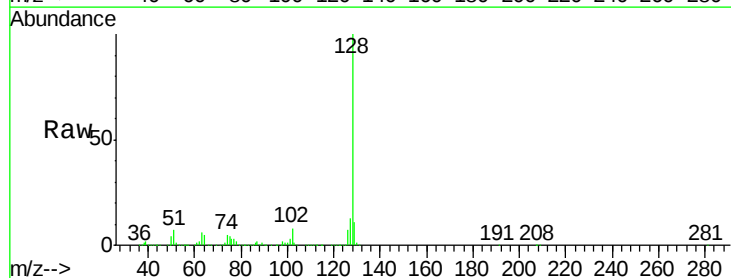
Tgt Ion:128 Resp: 955606

Ion Ratio Lower Upper

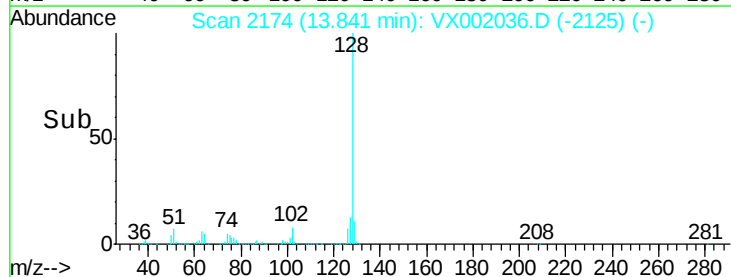
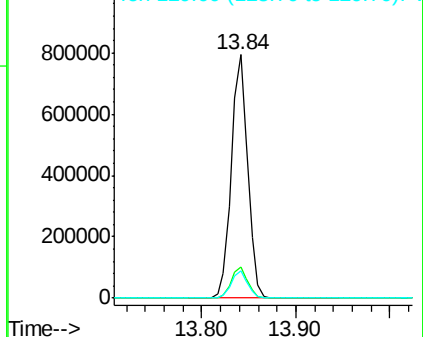
128 100

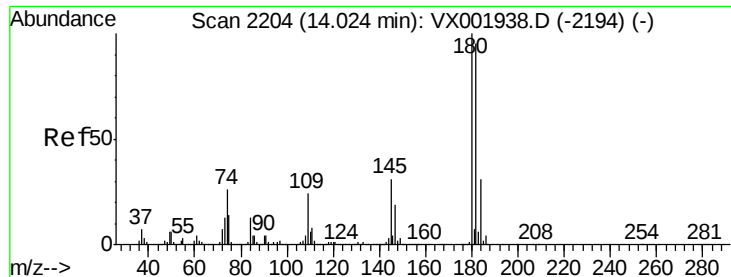
127 12.9 10.4 15.6

129 11.1 8.8 13.2



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: 46.63 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX002036.D
 Acq: 26 May 2018 22:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.6
145	30.1	15.1	45.3

