

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003814.D
 Acq On : 01 Aug 2018 23:52
 Operator : JC/SP
 Sample : J4164-03MS
 Misc : 10.38G/5.0mL/MSVOA X/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 02 05:58:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	13107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	17285	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	13776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	5494	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	5830	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	
35) Dibromofluoromethane	5.51	113	5536	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
50) Toluene-d8	8.72	98	21826	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.14	95	5743	36.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	6222	56.24	ug/l	98
3) Chloromethane	1.32	50	6827	49.09	ug/l	99
4) Vinyl Chloride	1.41	62	7598	50.79	ug/l	93
5) Bromomethane	1.65	94	3621	44.16	ug/l	99
6) Chloroethane	1.73	64	5468	55.28	ug/l	95
7) Trichlorofluoromethane	1.93	101	10888	55.51	ug/l	97
8) Diethyl Ether	2.19	74	3132	42.25	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7042	56.59	ug/l	98
10) Methyl Iodide	2.51	142	1894	13.24	ug/l	98
11) Tert butyl alcohol	3.04	59	3335	155.37	ug/l	100
12) 1,1-Dichloroethene	2.38	96	5657	48.29	ug/l	99
14) Allyl chloride	2.73	41	6563	31.60	ug/l	94
15) Acrylonitrile	3.15	53	8475	155.25	ug/l	100
16) Acetone	2.45	43	11750	232.06	ug/l	99
17) Carbon Disulfide	2.57	76	13791	36.18	ug/l	99
18) Methyl Acetate	2.78	43	8498	59.72	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	14093	44.19	ug/l	94
20) Methylene Chloride	2.86	84	6084	45.33	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	4814	37.50	ug/l	96
22) Diisopropyl ether	3.87	45	16706	44.56	ug/l	96
23) Vinyl Acetate	3.82	43	22955	84.90	ug/l	98
24) 1,1-Dichloroethane	3.71	63	10958	50.12	ug/l	97
25) 2-Butanone	4.68	43	12866	174.30	ug/l	97
26) 2,2-Dichloropropane	4.59	77	7258	42.15	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	5503	39.78	ug/l	97
28) Bromochloromethane	5.03	49	3807	38.82	ug/l #	94
29) Tetrahydrofuran	5.15	42	7658	162.80	ug/l	97
30) Chloroform	5.22	83	10482	48.65	ug/l	99
31) Cyclohexane	5.59	56	10368	49.09	ug/l #	88
32) 1,1,1-Trichloroethane	5.51	97	9812	52.99	ug/l	98
36) 1,1-Dichloropropene	5.81	75	8257	51.01	ug/l	98
37) Ethyl Acetate	4.85	43	4481	36.04	ug/l	96
38) Carbon Tetrachloride	5.79	117	8123	54.25	ug/l	99
39) Methylcyclohexane	7.47	83	9000	45.29	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.15	78	27541	59.37	ug/l	100
41) Methacrylonitrile	5.06	41	2719	38.79	ug/l	97
42) 1,2-Dichloroethane	6.20	62	6673	47.63	ug/l	97
43) Isopropyl Acetate	6.46	43	7712	38.93	ug/l	99
44) Trichloroethene	7.22	130	6355	48.02	ug/l	93
45) 1,2-Dichloropropane	7.52	63	6152	53.93	ug/l	98
46) Dibromomethane	7.67	93	2882	43.84	ug/l	96
47) Bromodichloromethane	7.90	83	6141	46.88	ug/l	98
48) Methyl methacrylate	7.77	41	4009	40.34	ug/l	96
49) 1,4-Dioxane	7.75	88	1308	652.13	ug/l	90
51) 4-Methyl-2-Pentanone	8.65	43	24237	199.06	ug/l	96
52) Toluene	8.79	92	14227	49.17	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	4380	29.27	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	5535	33.19	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	4745	47.65	ug/l	97
56) Ethyl methacrylate	9.18	69	5273	38.55	ug/l	94
57) 1,3-Dichloropropane	9.37	76	7863	47.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	11889	168.49	ug/l	98
59) 2-Hexanone	9.50	43	15465	166.73	ug/l	95
60) Dibromochloromethane	9.59	129	4333	43.20	ug/l	96
61) 1,2-Dibromoethane	9.68	107	3956	38.91	ug/l	98
64) Tetrachloroethene	9.34	164	7421	68.53	ug/l	97
65) Chlorobenzene	10.14	112	13740	47.73	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	5043	53.72	ug/l	99
67) Ethyl Benzene	10.26	91	25388	52.23	ug/l	99
68) m/p-Xylenes	10.36	106	18728	98.49	ug/l	98
69) o-Xylene	10.70	106	9008	51.02	ug/l	99
70) Stvrene	10.71	104	10552	35.52	ug/l	96
71) Bromoform	10.86	173	2582	40.00	ug/l #	98
73) Isopropylbenzene	11.02	105	25237	73.38	ug/l	99
74) N-amyl acetate	6.46	43	7712	63.26	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	6033	67.47	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	5305	70.05	ug/l	84
77) Bromobenzene	11.26	156	5269	58.76	ug/l	98
78) n-propylbenzene	11.36	91	26418	63.40	ug/l	99
79) 2-Chlorotoluene	11.42	91	14970	63.28	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	18034	61.43	ug/l #	67
81) trans-1,4-Dichloro-2-buten	11.08	75	642	25.11	ug/l	88
82) 4-Chlorotoluene	11.51	91	15784	55.01	ug/l	97
83) tert-Butylbenzene	11.77	119	18733	64.52	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	17038	56.38	ug/l	99
85) sec-Butylbenzene	11.95	105	22714	61.14	ug/l	100
86) p-Isopropyltoluene	12.07	119	18353	54.36	ug/l #	71
87) 1,3-Dichlorobenzene	12.03	146	8498	46.85	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	7839	42.36	ug/l	97
89) n-Butylbenzene	12.39	91	14622	45.50	ug/l	99
90) Hexachloroethane	12.60	117	2172	43.32	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	7925	46.92	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.01	75	611	34.44	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	1976	14.75	ug/l	96

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QLast Update : Tue Jul 31 11:17:41 2018
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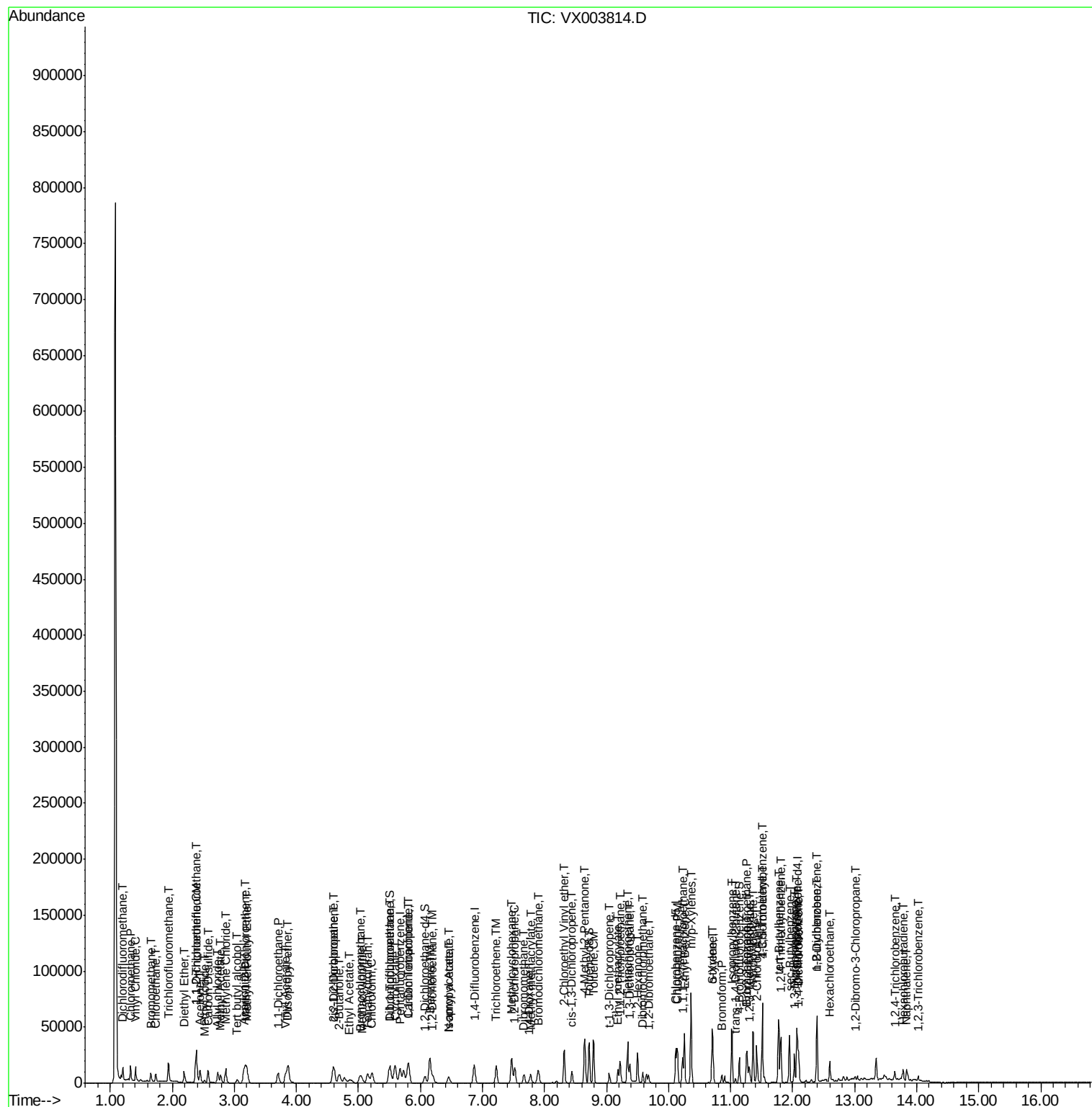
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	1630	19.02	ug/l	97
95) Naphthalene	13.83	128	6072	21.20	ug/l	97
96) 1,2,3-Trichlorobenzene	14.02	180	1365	11.22	ug/l	96

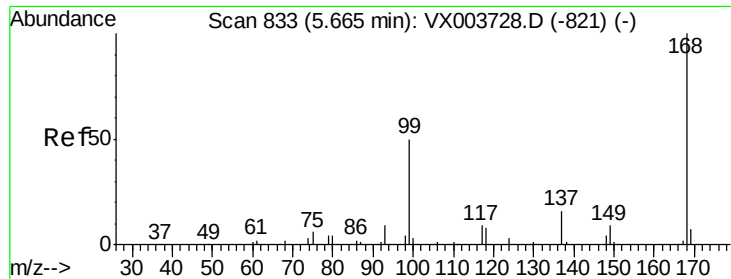
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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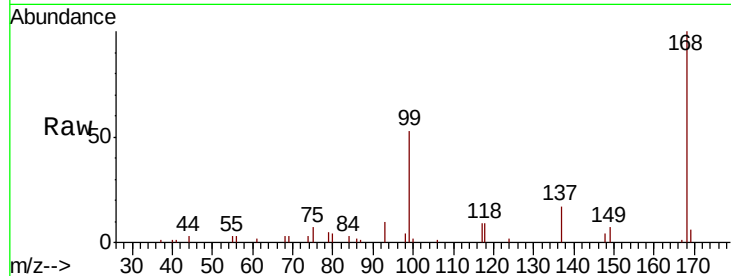




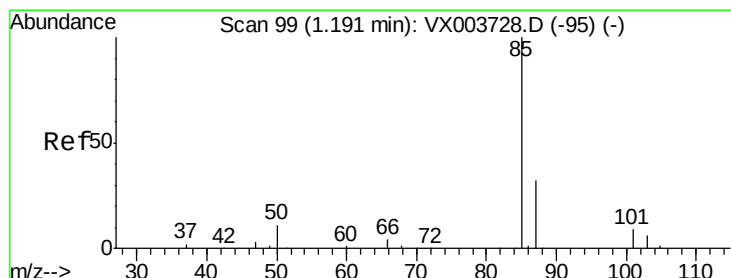
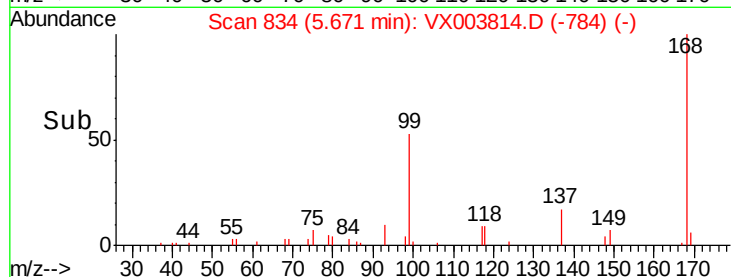
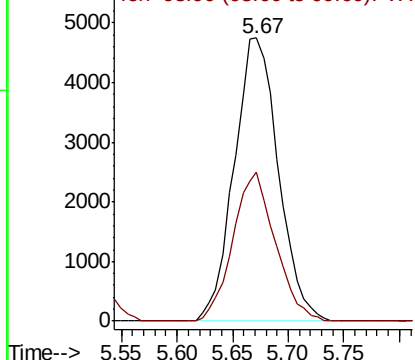
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 13107
Ion Ratio Lower Upper
168 100
99 52.7 40.2 60.2

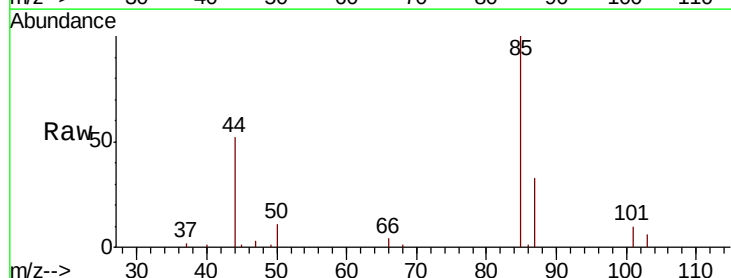


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VX0

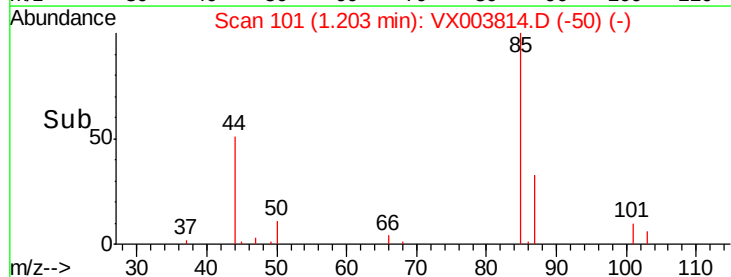
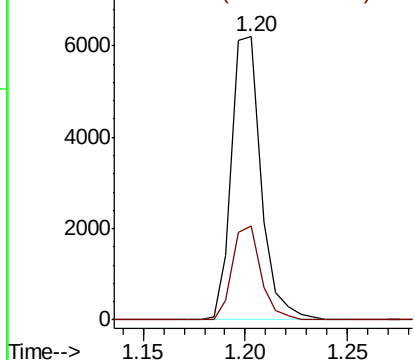


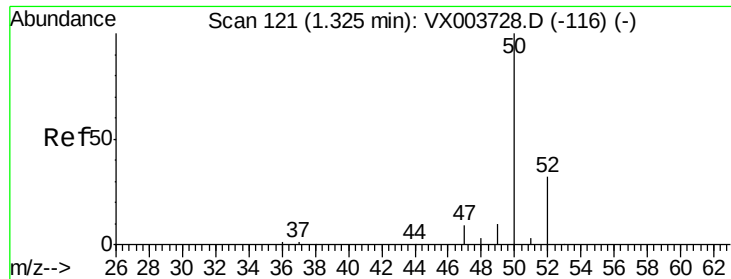
#2
Dichlorodifluoromethane
Concen: 56.24 ug/l
RT: 1.20 min Scan# 101
Delta R.T. 0.01 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Tgt Ion: 85 Resp: 6222
Ion Ratio Lower Upper
85 100
87 33.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0
Ion 86.90 (86.60 to 87.60): VX0

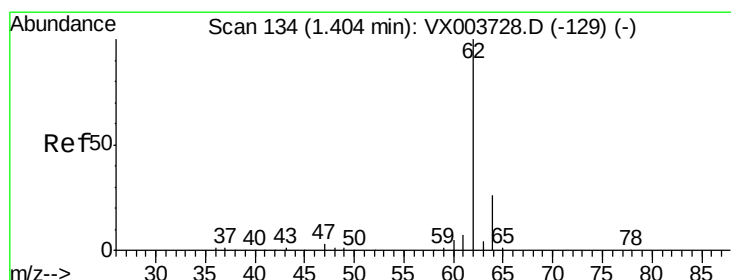
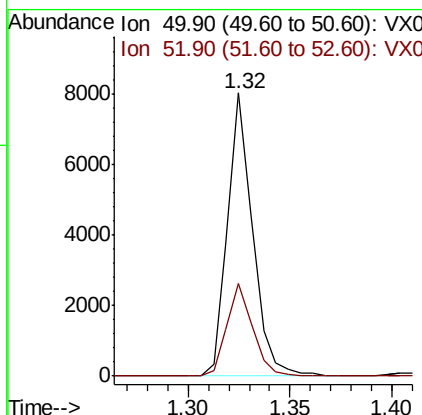
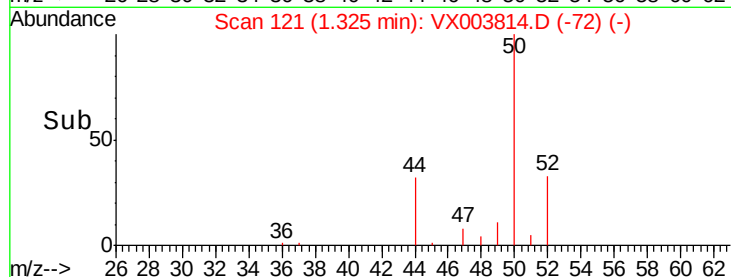
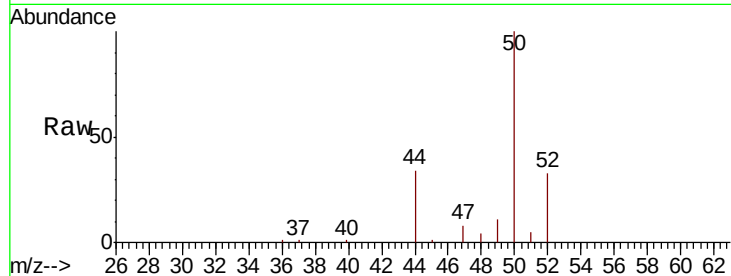




#3
 Chloromethane
 Concen: 49.09 ug/l
 RT: 1.32 min Scan# 121
 Delta R.T. 0.00 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

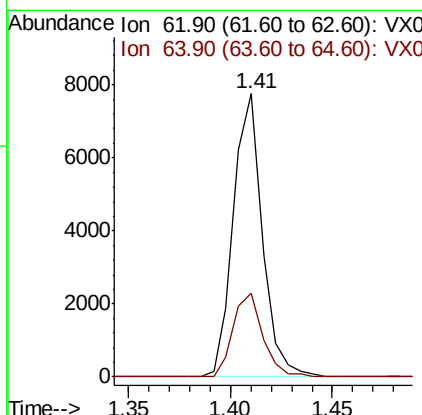
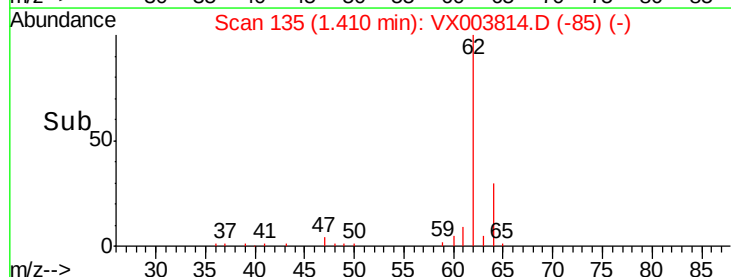
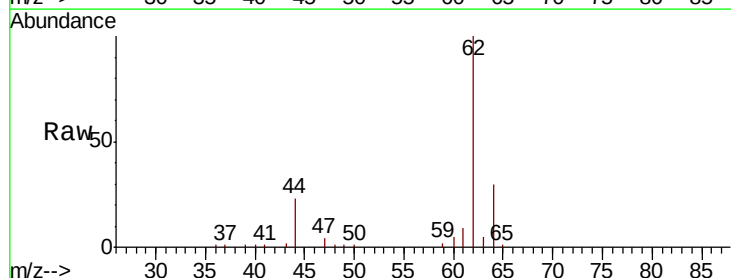
Instrument :
 MSVOA_X
 ClientSampleId :

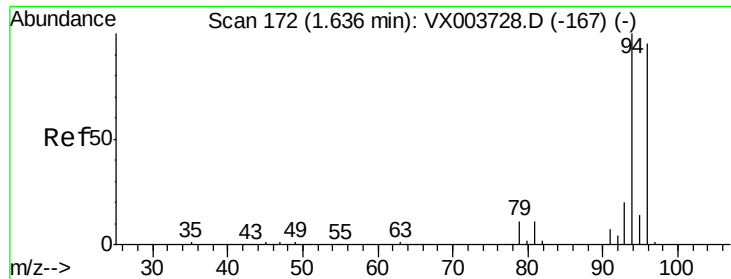
Tot Ion: 50 Resp: 6827
 Ion Ratio Lower Upper
 50 100
 52 32.9 25.9 38.9



#4
 Vinyl Chloride
 Concen: 50.79 ug/l
 RT: 1.41 min Scan# 135
 Delta R.T. 0.01 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

Tgt Ion: 62 Resp: 7598
 Ion Ratio Lower Upper
 62 100
 64 29.6 21.0 31.4

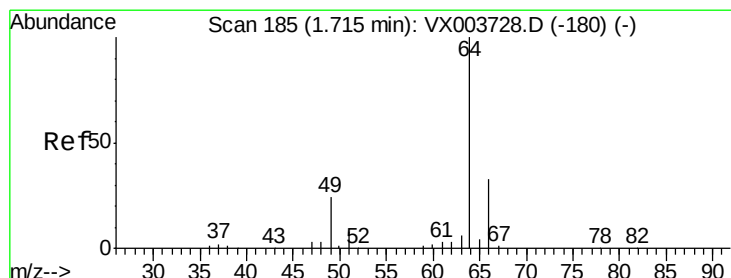
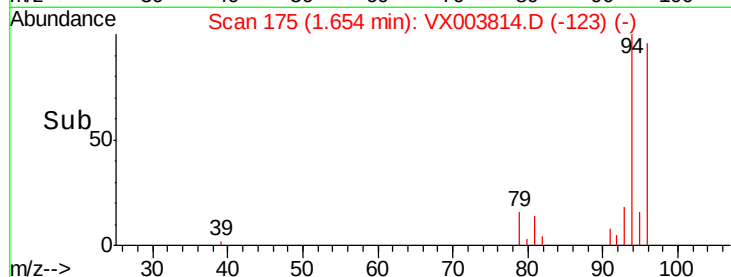
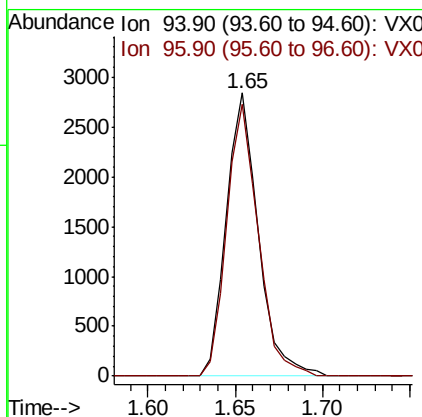
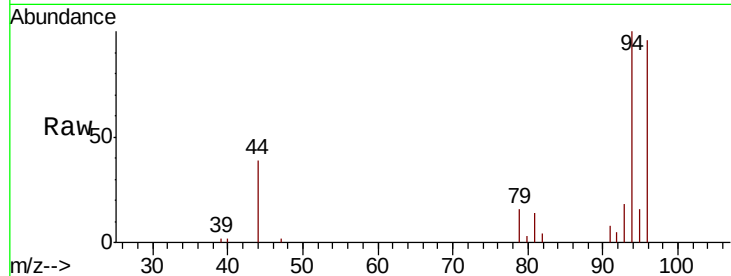




#5
Bromomethane
Concen: 44.16 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

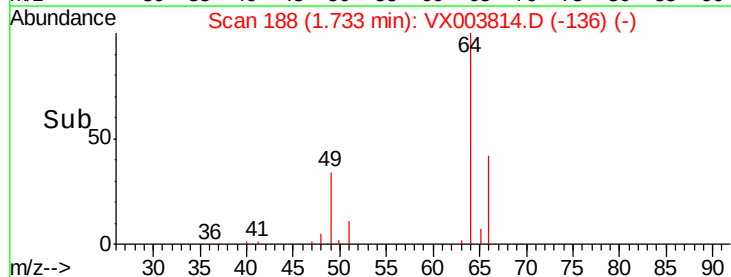
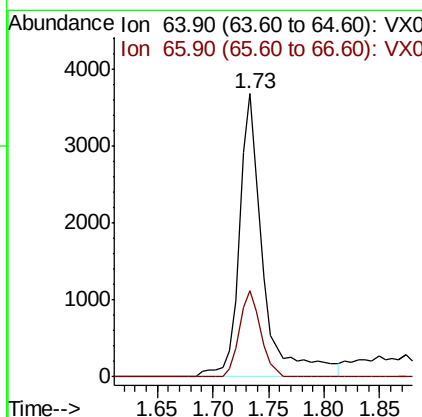
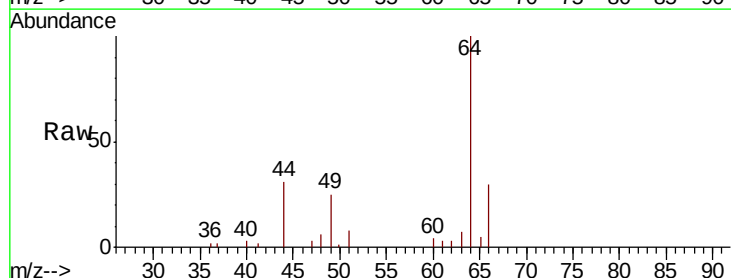
Instrument :
MSVOA_X
ClientSampled :

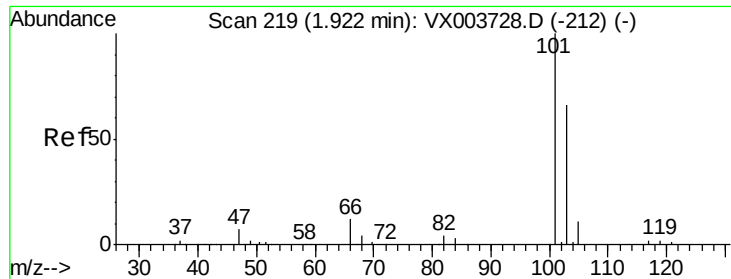
Tot Ion: 94 Resp: 3621
Ion Ratio Lower Upper
94 100
96 96.1 76.0 114.0



#6
Chloroethane
Concen: 55.28 ug/l
RT: 1.73 min Scan# 188
Delta R.T. 0.02 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Tgt Ion: 64 Resp: 5468
Ion Ratio Lower Upper
64 100
66 30.4 26.4 39.6



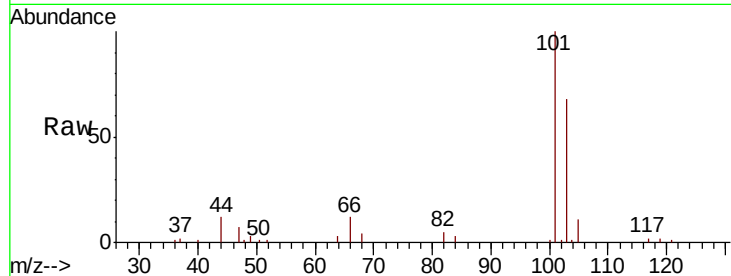


#7

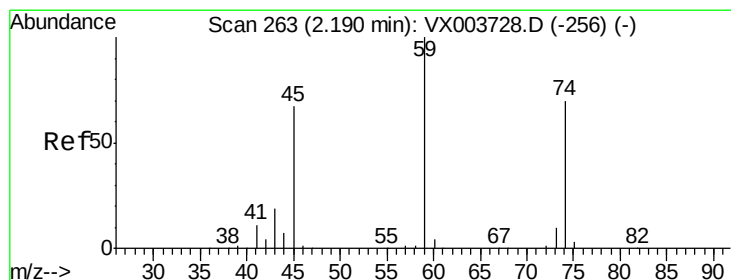
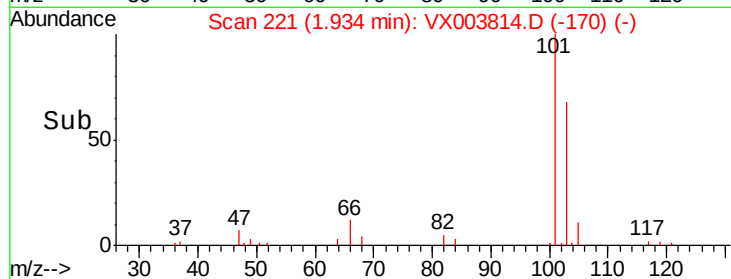
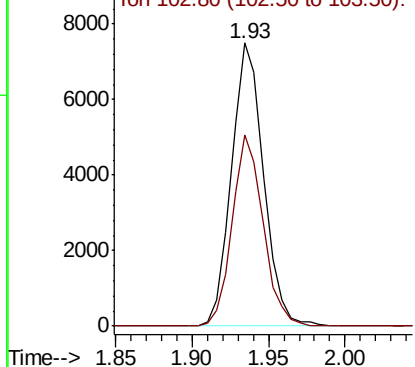
Trichlorofluoromethane
Concen: 55.51 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 10888
Ion Ratio Lower Upper
101 100
103 67.8 52.6 78.8



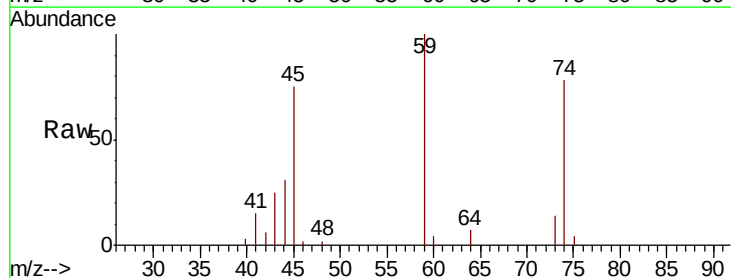
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



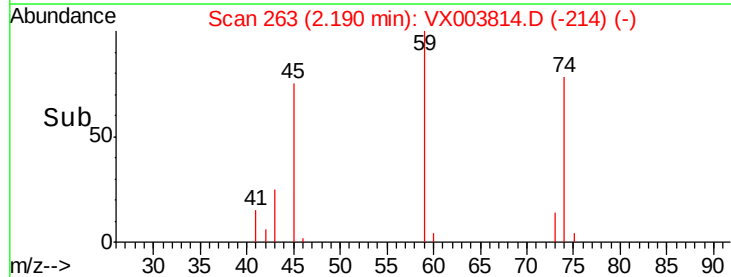
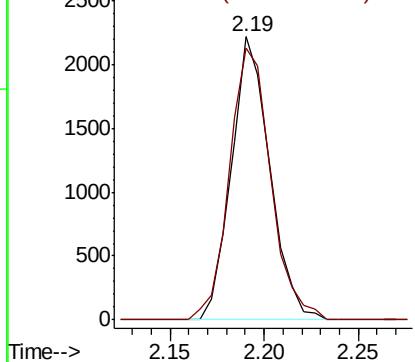
#8

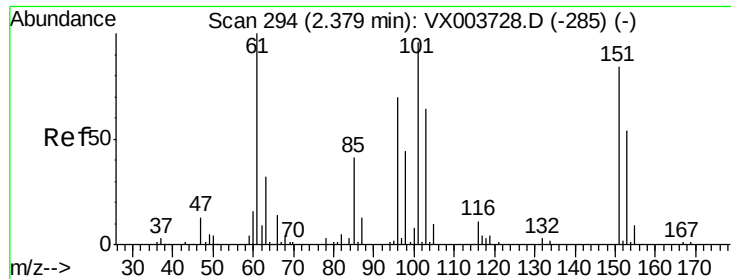
Diethyl Ether
Concen: 42.25 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Tgt Ion: 74 Resp: 3132
Ion Ratio Lower Upper
74 100
45 103.4 49.5 148.7



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.59 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

ClientSampled :

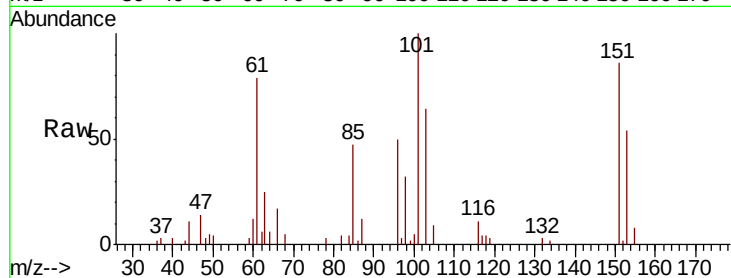
Tot Ion:101 Resp: 7042

Ion Ratio Lower Upper

101 100

85 43.6 33.3 49.9

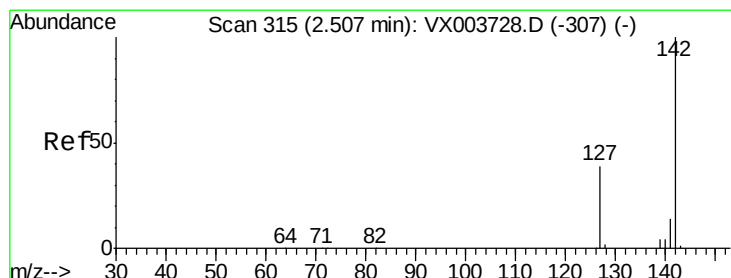
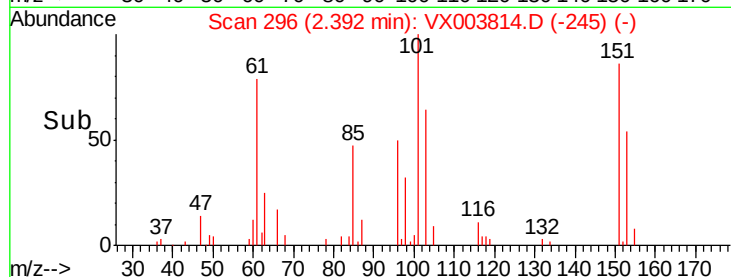
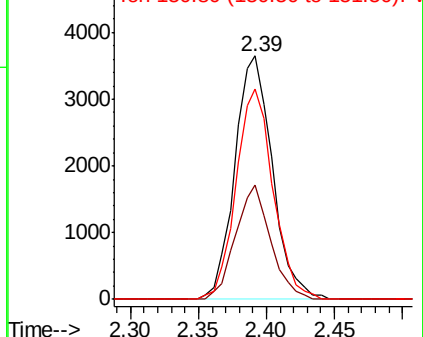
151 85.0 68.8 103.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.24 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

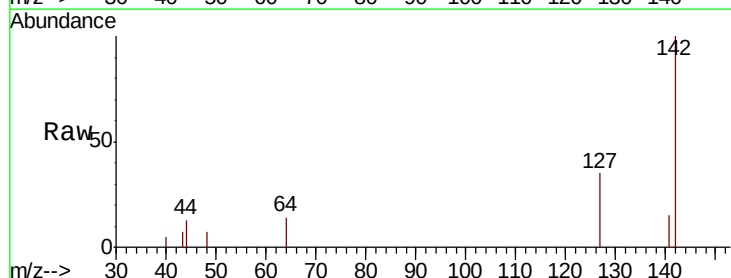
Tgt Ion:142 Resp: 1894

Ion Ratio Lower Upper

142 100

127 41.6 32.0 48.0

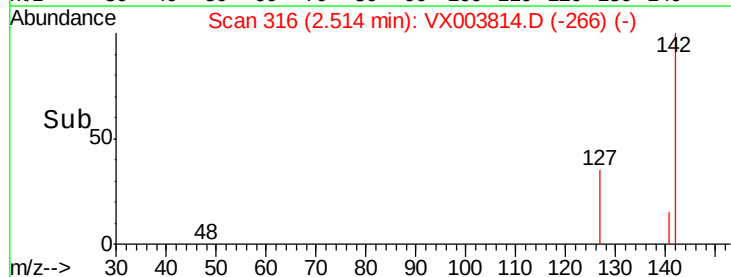
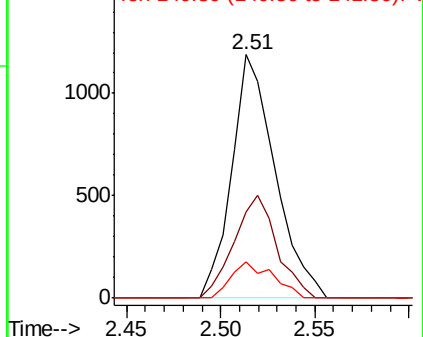
141 14.1 11.3 16.9

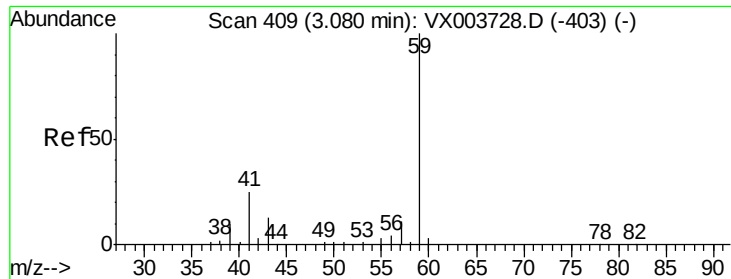


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

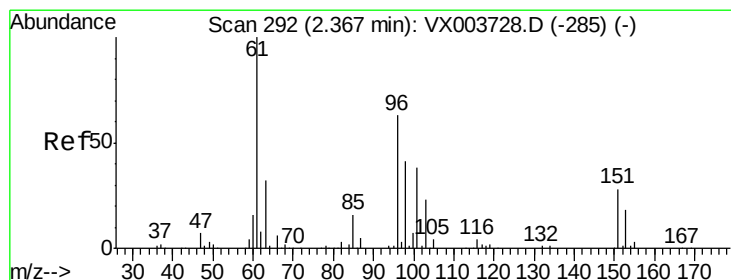
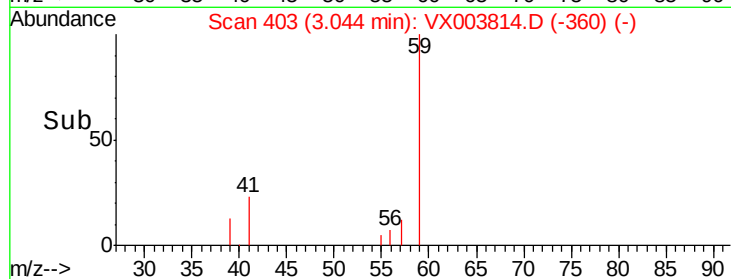
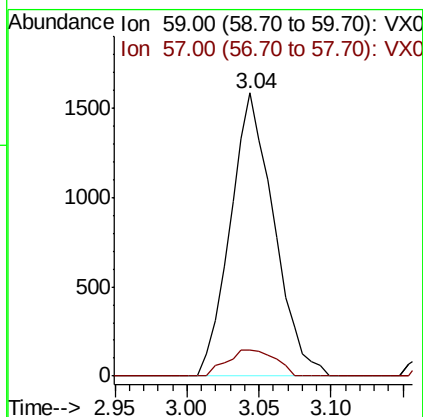
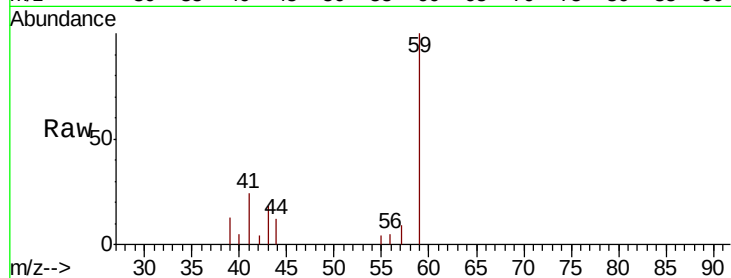




#11
Tert butyl alcohol
Concen: 155.37 ug/l
RT: 3.04 min Scan# 403
Delta R.T. -0.04 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

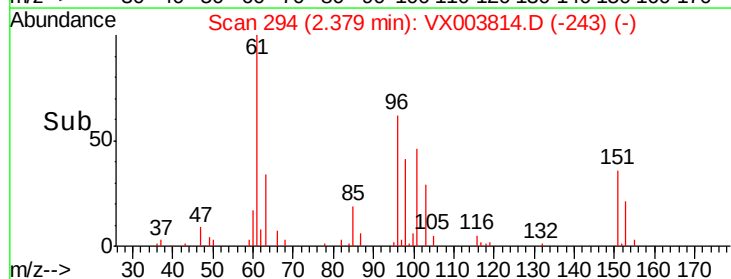
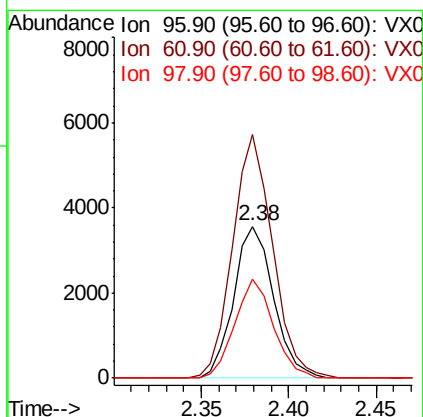
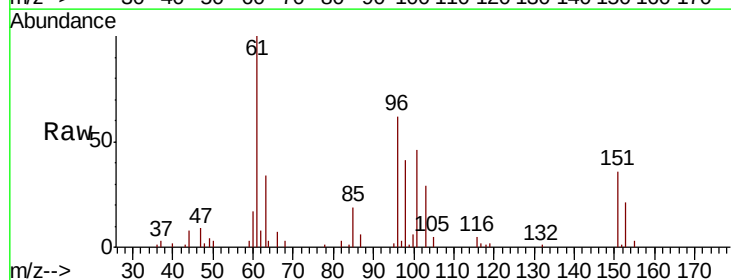
Instrument :
MSVOA_X
ClientSampled :

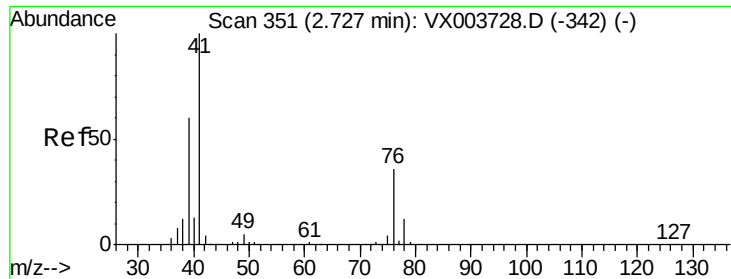
Tot Ion: 59 Resp: 3335
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 48.29 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Tgt Ion: 96 Resp: 5657
Ion Ratio Lower Upper
96 100
61 160.2 127.1 190.7
98 65.5 52.0 78.0

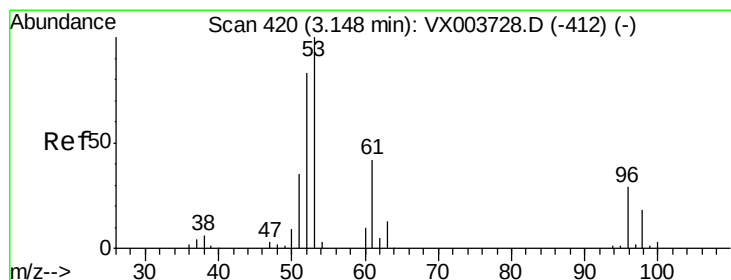
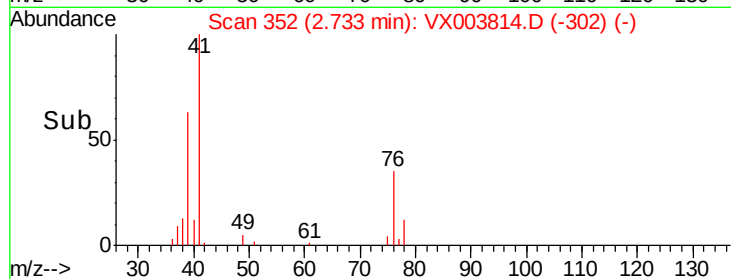
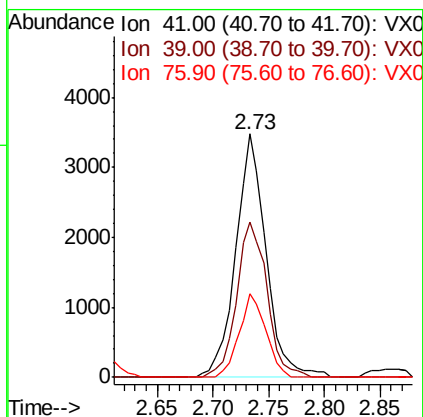
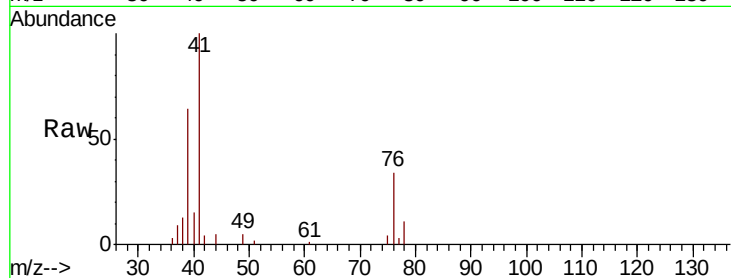




#14
Allvl chloride
Concen: 31.60 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

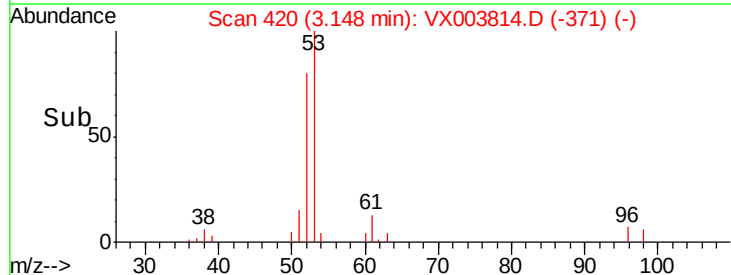
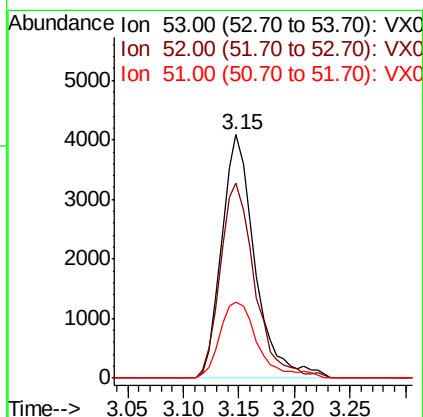
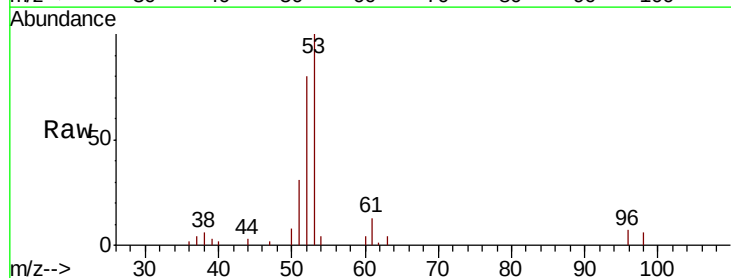
Instrument :
MSVOA_X
ClientSampleId :

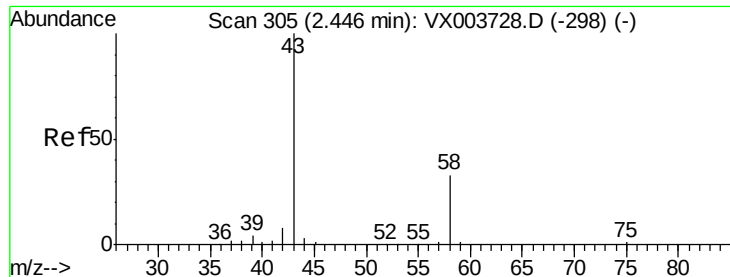
Tot Ion: 41 Resp: 6563
Ion Ratio Lower Upper
41 100
39 63.8 47.7 71.5
76 30.2 27.0 40.6



#15
Acrylonitrile
Concen: 155.25 ug/l
RT: 3.15 min Scan# 420
Delta R.T. 0.00 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Tgt Ion: 53 Resp: 8475
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.2
51 35.8 28.5 42.7





#16

Acetone

Concen: 232.06 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

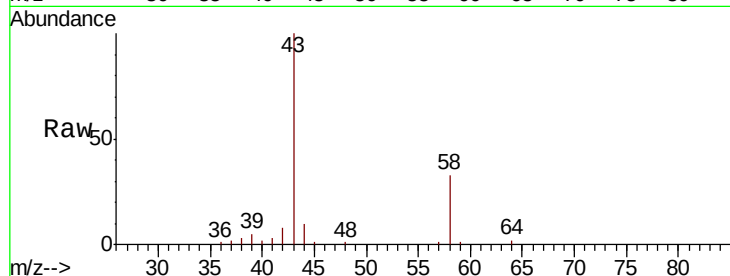
ClientSampleId :

Tot Ion: 43 Resp: 11750

Ion Ratio Lower Upper

43 100

58 33.1 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

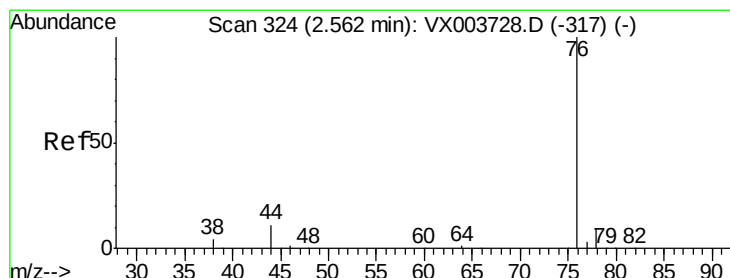
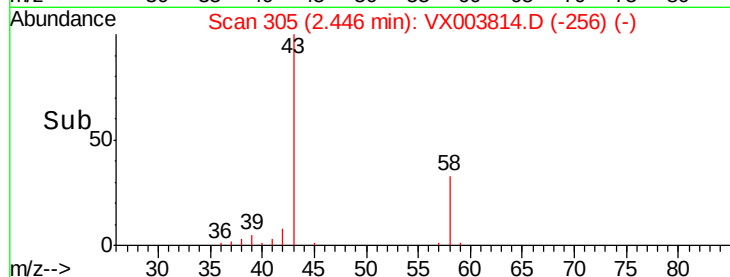
4000

2000

0

2.40 2.45 2.50 2.55

Time-->



#17

Carbon Disulfide

Concen: 36.18 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX003814.D

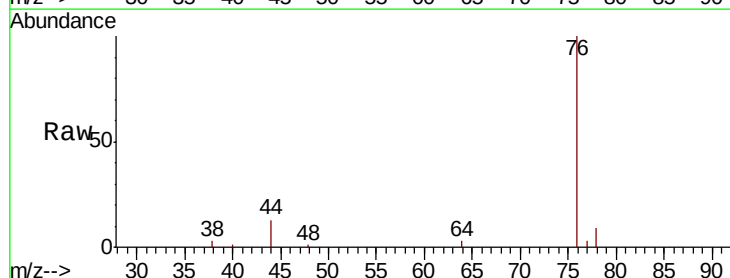
Acq: 01 Aug 2018 23:52

Tgt Ion: 76 Resp: 13791

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

10000

8000

6000

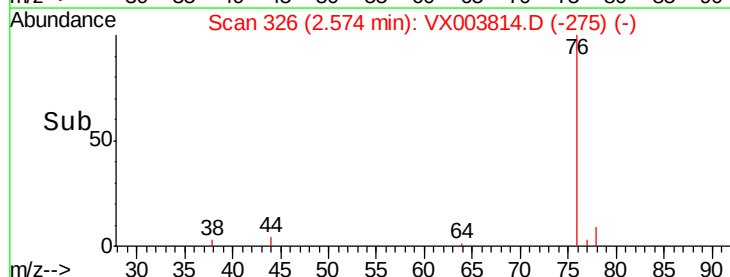
4000

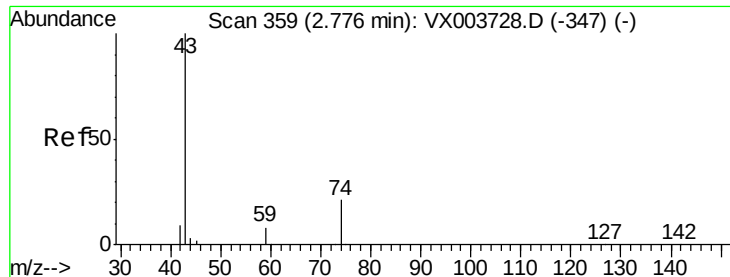
2000

0

2.50 2.55 2.60 2.65

Time-->

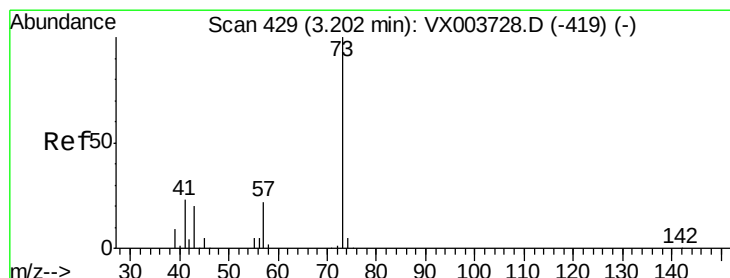
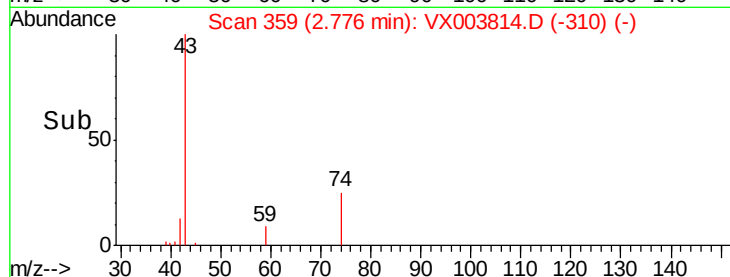
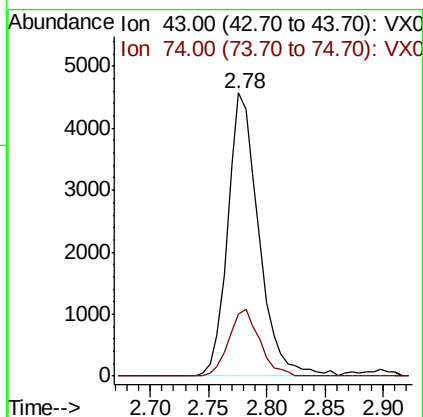
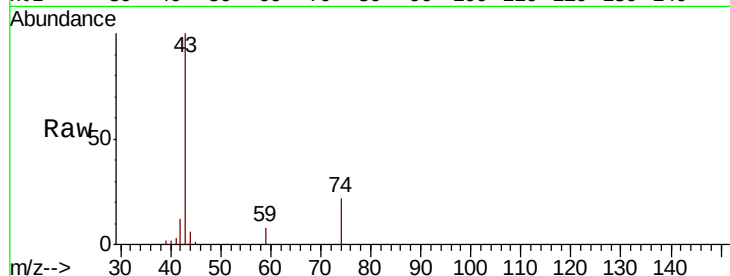




#18
Methyl Acetate
Concen: 59.72 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.00 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

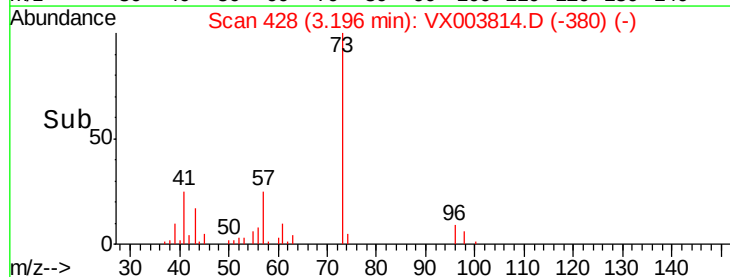
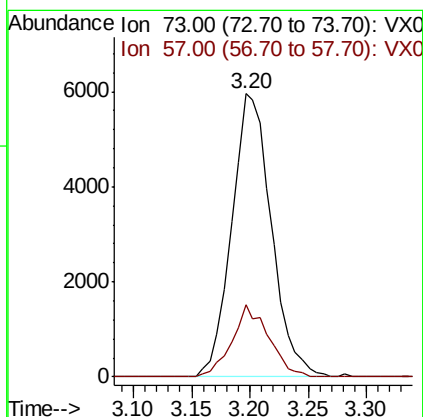
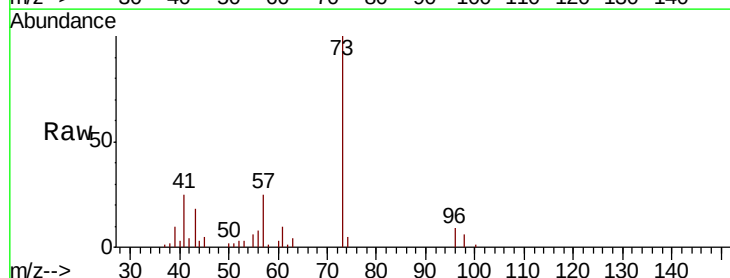
Instrument :
MSVOA_X
ClientSampled :

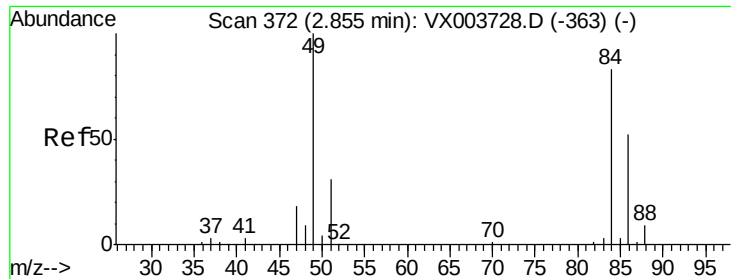
Tot Ion: 43 Resp: 8498
Ion Ratio Lower Upper
43 100
74 23.2 18.9 28.3



#19
Methyl tert-butyl Ether
Concen: 44.19 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.01 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Tgt Ion: 73 Resp: 14093
Ion Ratio Lower Upper
73 100
57 25.5 18.0 27.0

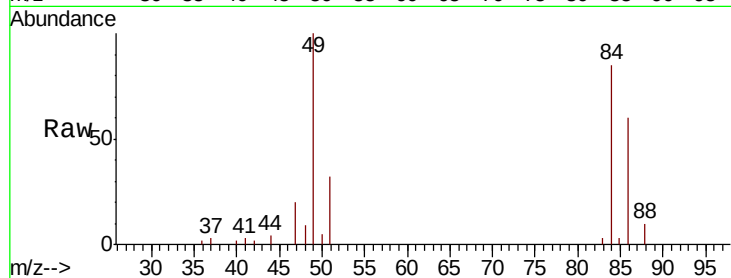




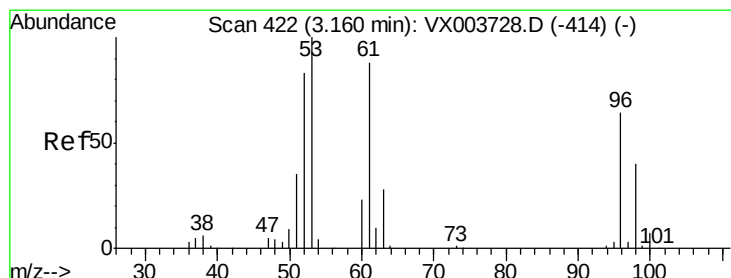
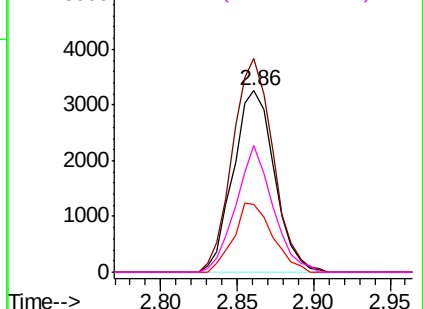
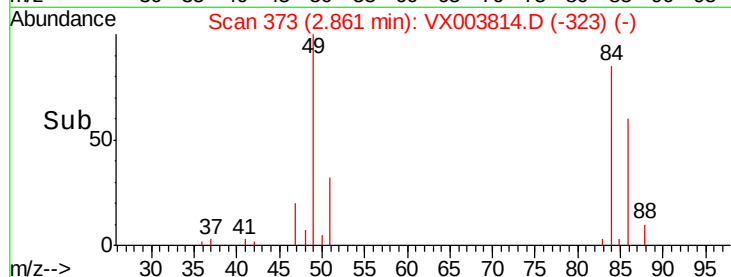
#20
Methvlene Chloride
Concen: 45.33 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 84 Resp: 6084
Ion Ratio Lower Upper
84 100
49 117.8 95.8 143.8
51 37.2 29.6 44.4
86 70.1 50.0 75.0

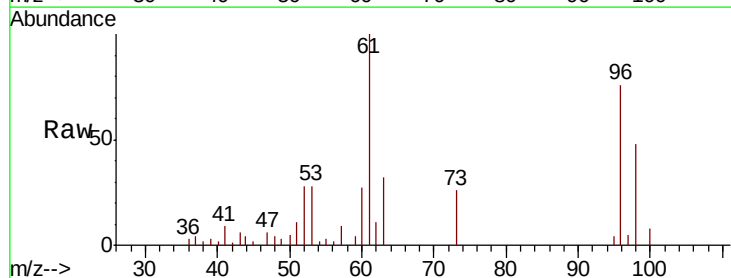


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

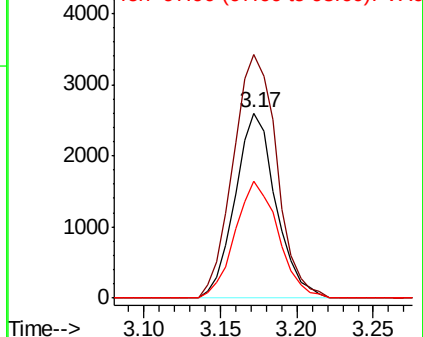
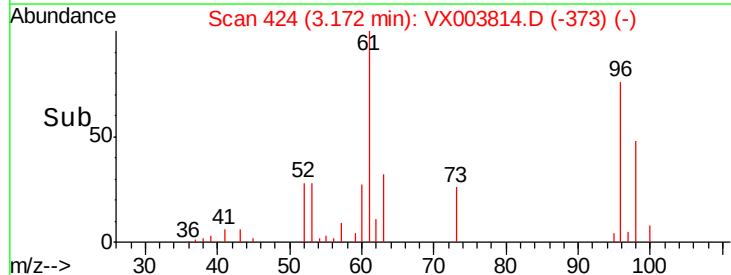


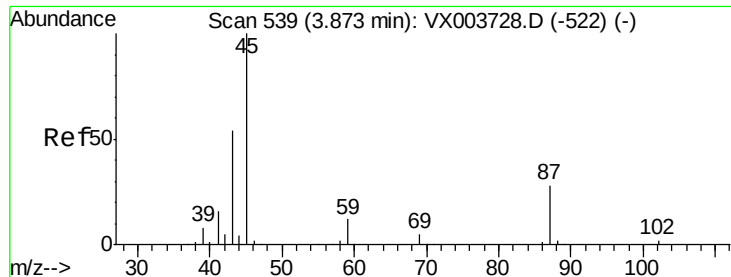
#21
trans-1,2-Dichloroethene
Concen: 37.50 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Tgt Ion: 96 Resp: 4814
Ion Ratio Lower Upper
96 100
61 131.8 110.9 166.3
98 63.5 50.2 75.4



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





#22

Diisopropyl ether

Concen: 44.56 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 45 Resp: 16706

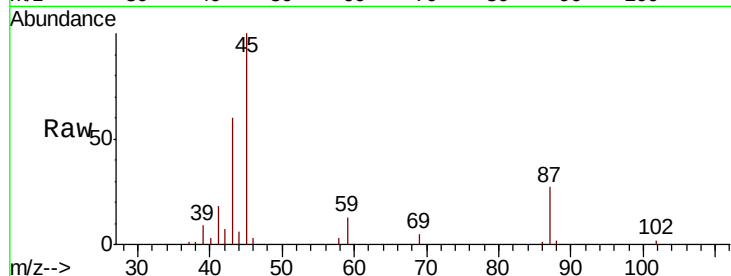
Ion Ratio Lower Upper

45 100

43 57.9 43.5 65.3

87 26.7 22.6 33.8

59 13.0 9.3 13.9

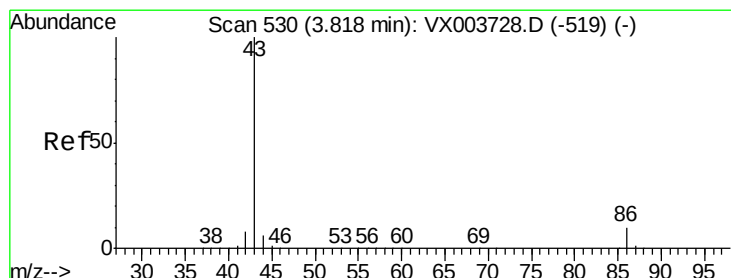
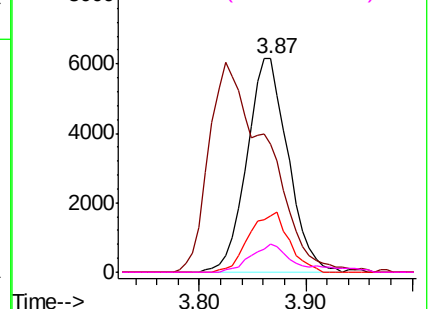
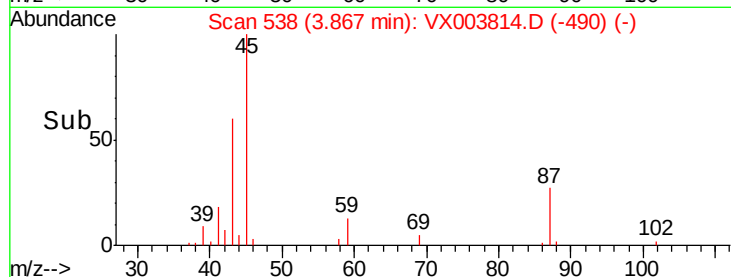


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#23

Vinyl Acetate

Concen: 84.90 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.01 min

Lab File: VX003814.D

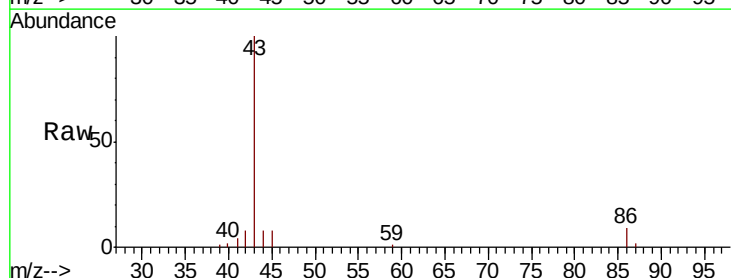
Acq: 01 Aug 2018 23:52

Tgt Ion: 43 Resp: 22955

Ion Ratio Lower Upper

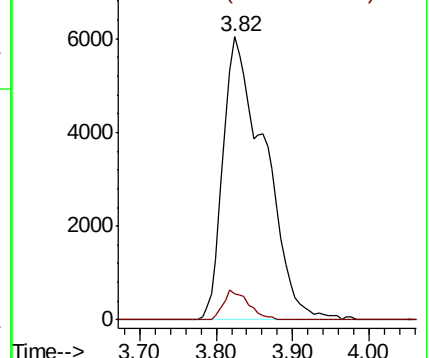
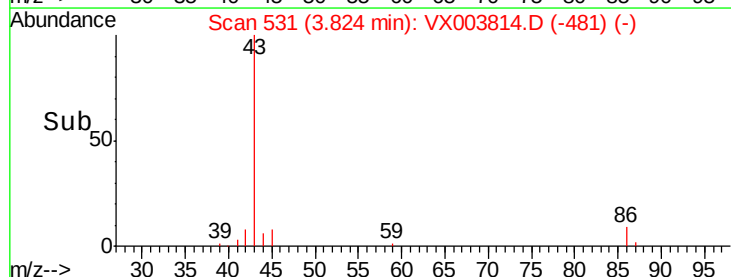
43 100

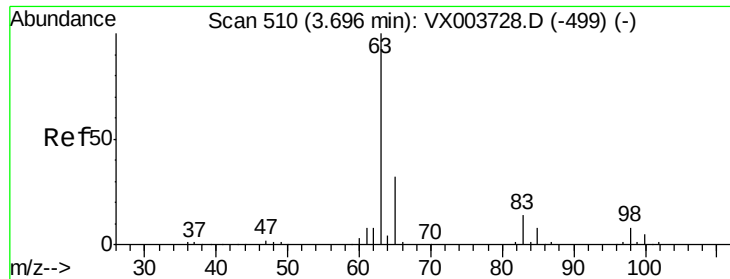
86 9.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

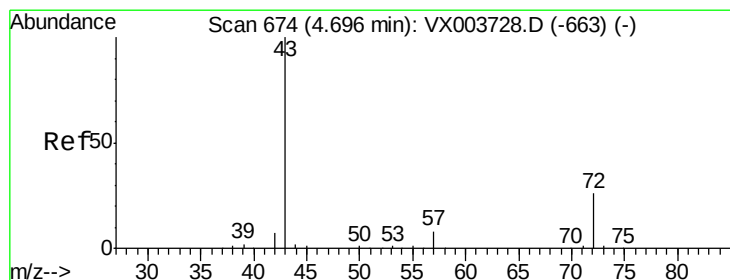
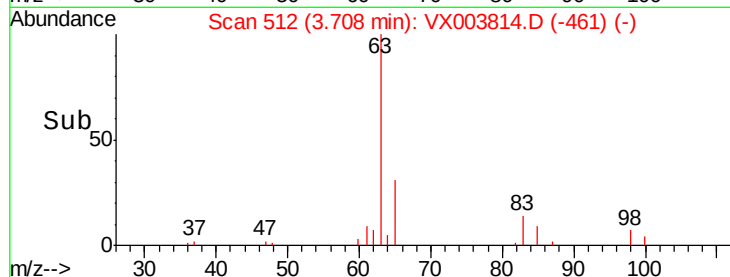
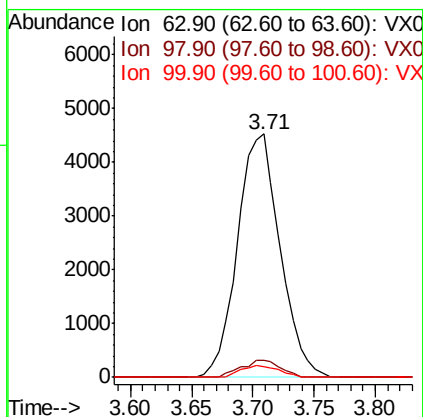
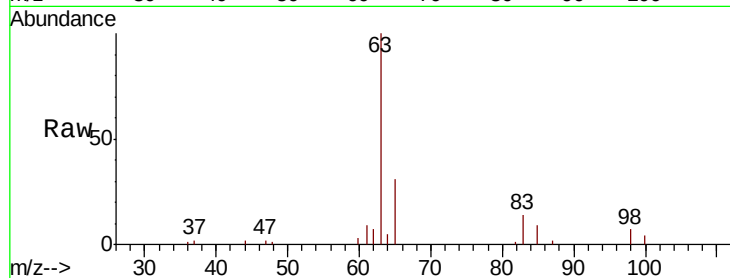




#24
 1,1-Dichloroethane
 Concen: 50.12 ug/l
 RT: 3.71 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

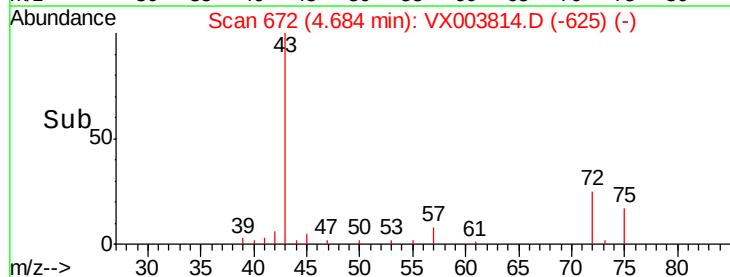
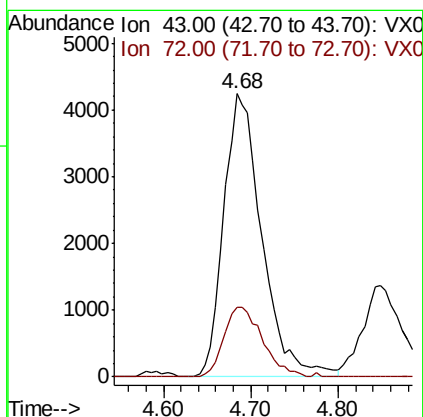
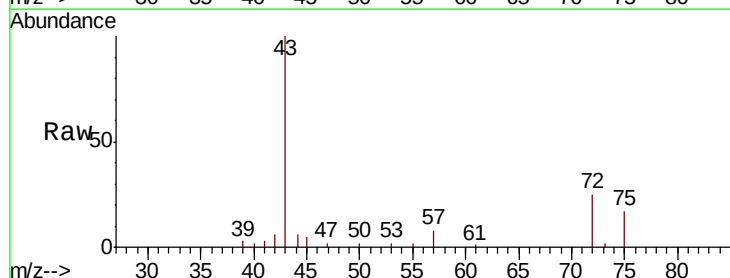
Instrument :
 MSVOA_X
 ClientSampleId :

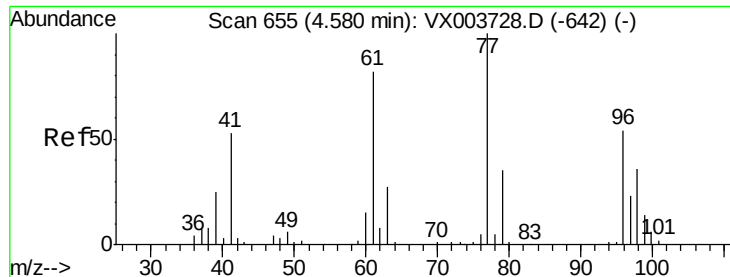
Tot Ion: 63 Resp: 10958
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 12.0
 100 4.2 2.4 7.2



#25
 2-Butanone
 Concen: 174.30 ug/l
 RT: 4.68 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

Tgt Ion: 43 Resp: 12866
 Ion Ratio Lower Upper
 43 100
 72 24.7 20.9 31.3

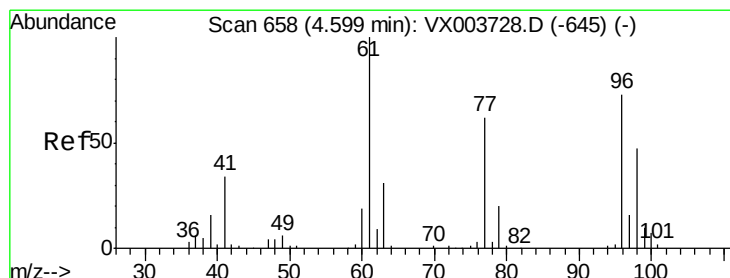
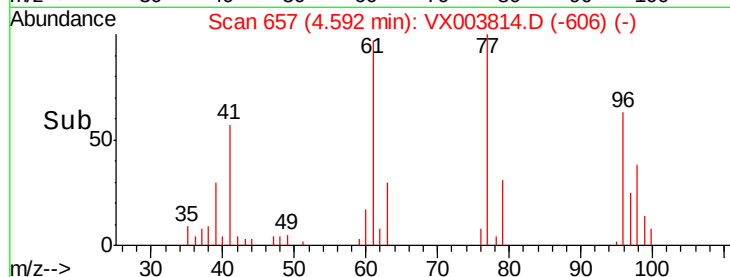
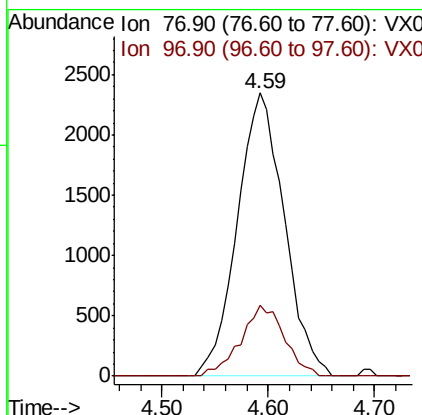
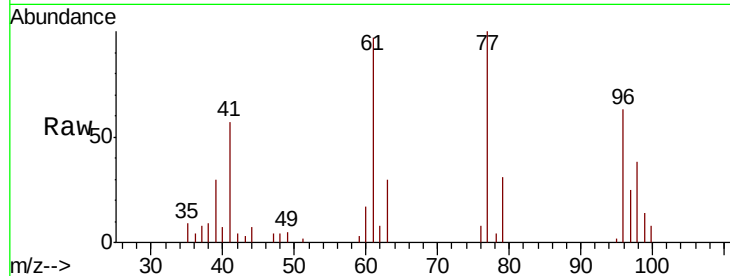




#26
 2,2-Dichloropropane
 Concen: 42.15 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

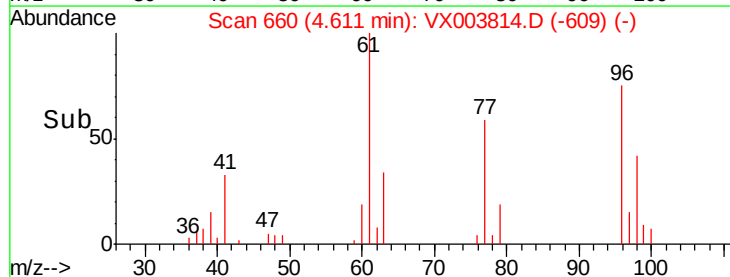
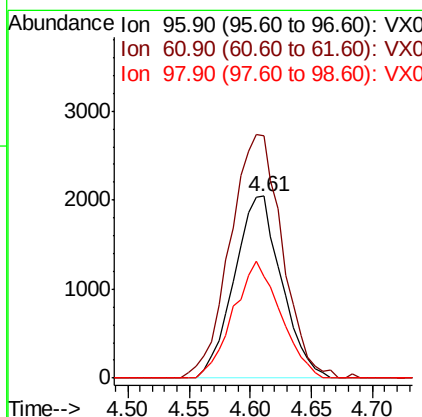
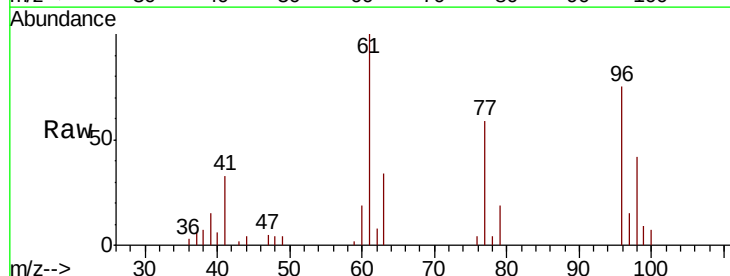
Instrument :
 MSVOA_X
 ClientSampled :

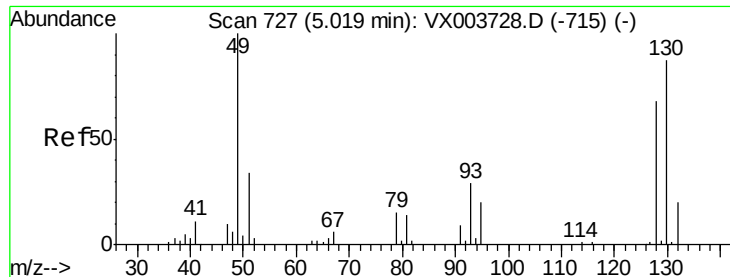
Tot Ion: 77 Resp: 7258
 Ion Ratio Lower Upper
 77 100
 97 23.2 12.2 36.6



#27
 cis-1,2-Dichloroethene
 Concen: 39.78 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

Tgt Ion: 96 Resp: 5503
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 285.6
 98 64.1 0.0 131.0





#28

Bromochloromethane

Concen: 38.82 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.01 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

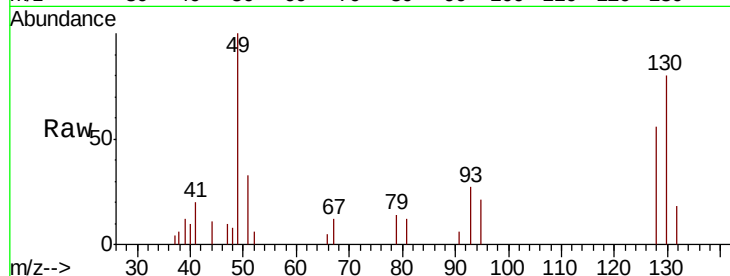
Tot Ion: 49 Resp: 3807

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

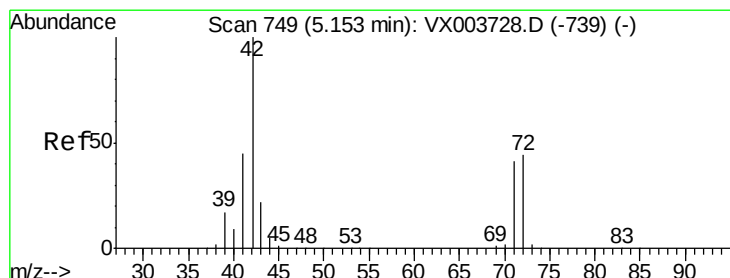
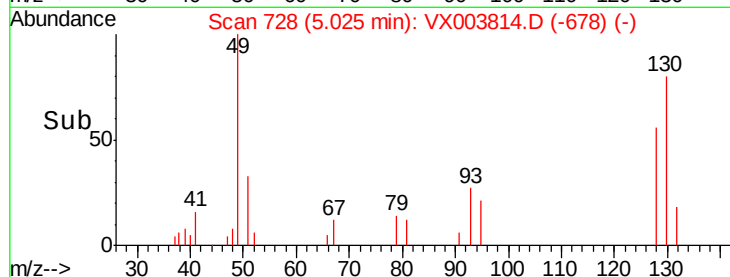
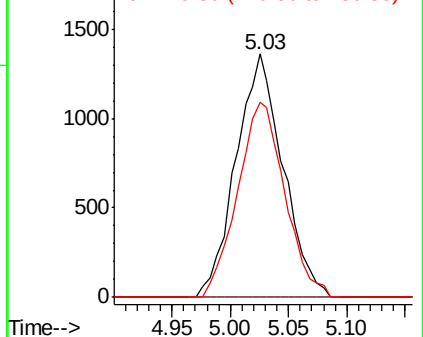
130 80.8 68.9 103.3



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: 162.80 ug/l

RT: 5.15 min Scan# 748

Delta R.T. -0.01 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

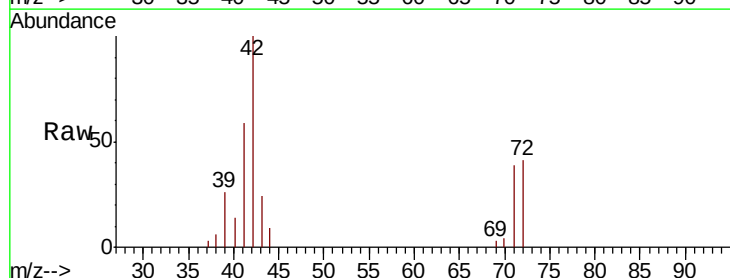
Tgt Ion: 42 Resp: 7658

Ion Ratio Lower Upper

42 100

72 42.8 35.6 53.4

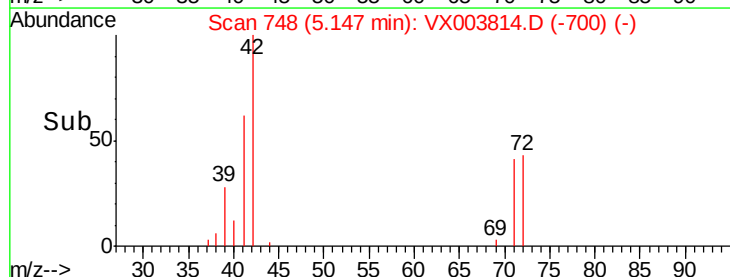
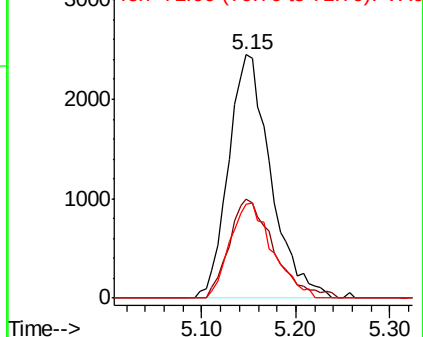
71 39.3 33.4 50.0

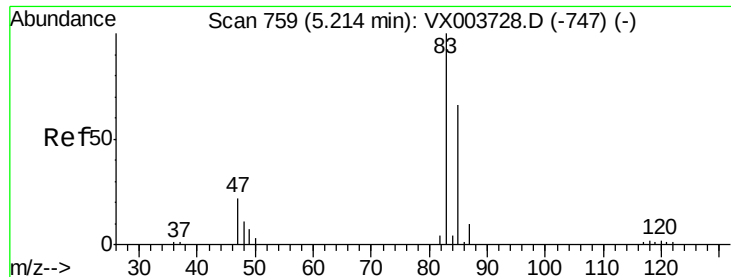


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

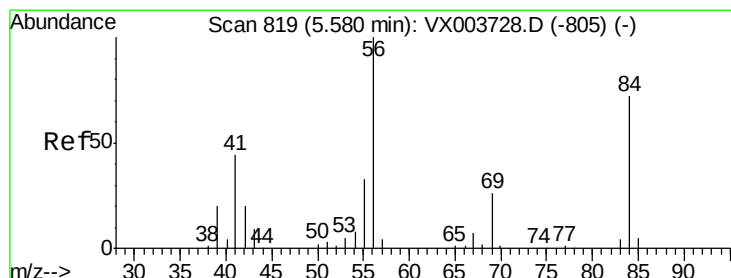
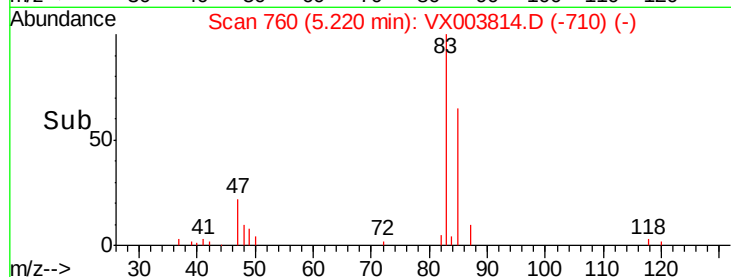
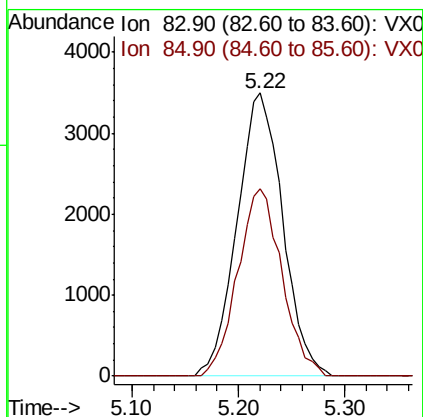
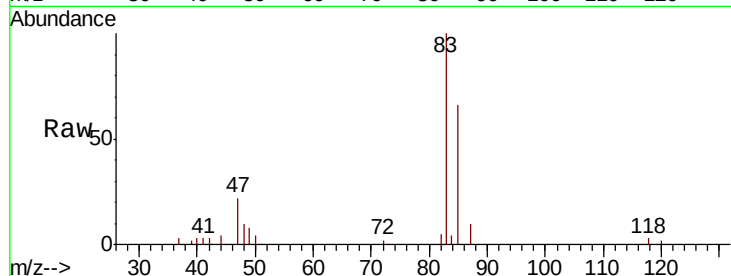




#30
Chloroform
Concen: 48.65 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

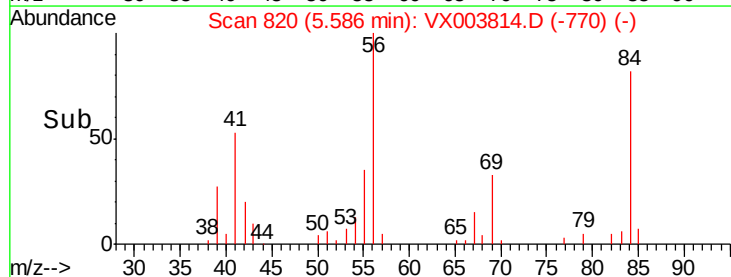
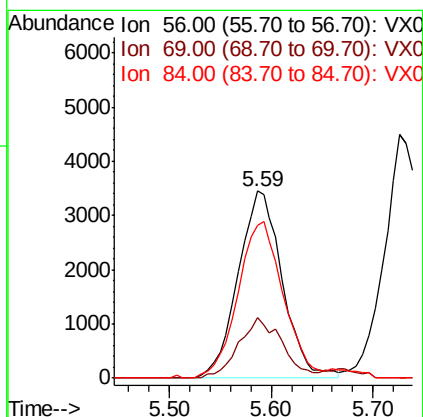
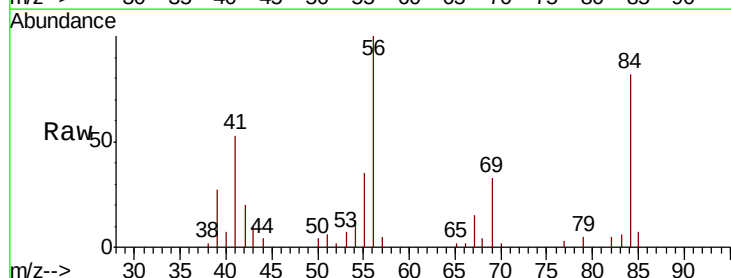
Instrument :
MSVOA_X
ClientSampleId :

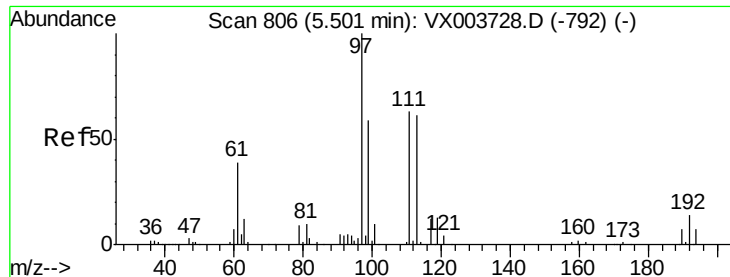
Tot Ion: 83 Resp: 10482
Ion Ratio Lower Upper
83 100
85 66.4 52.8 79.2



#31
Cyclohexane
Concen: 49.09 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Tgt Ion: 56 Resp: 10368
Ion Ratio Lower Upper
56 100
69 32.5 20.6 30.8#
84 81.5 57.9 86.9





#32

1,1,1-Trichloroethane

Concen: 52.99 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

ClientSampled :

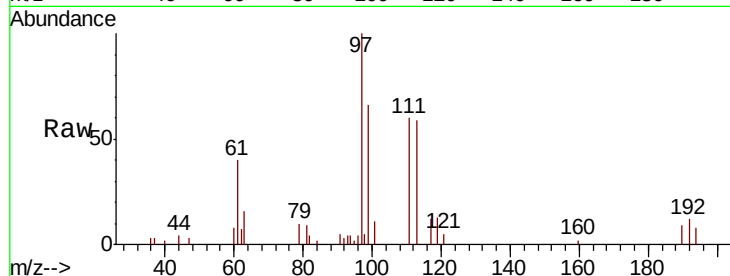
Tot Ion: 97 Resp: 9812

Ion Ratio Lower Upper

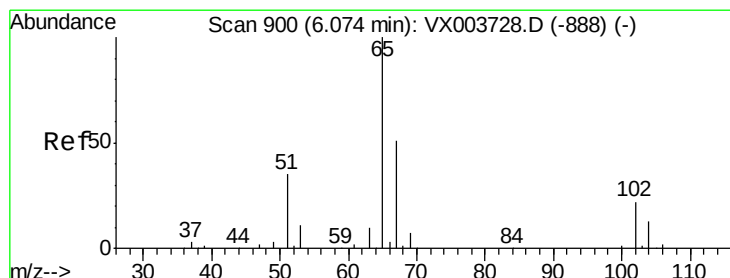
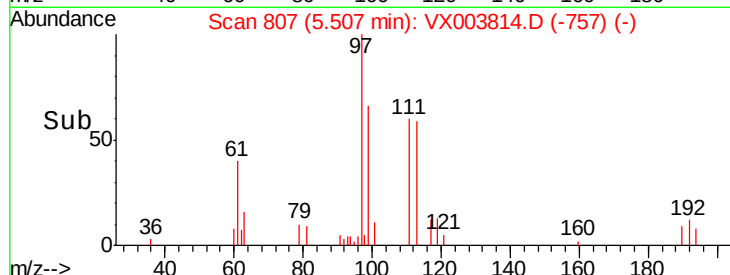
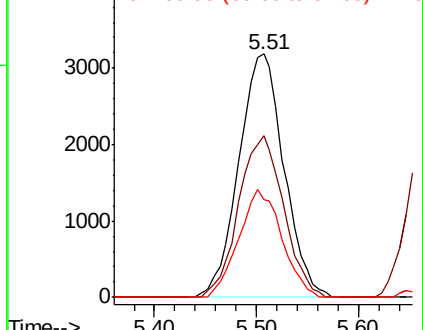
97 100

99 66.0 51.4 77.2

61 42.2 33.4 50.2



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



#33

1,2-Dichloroethane-d4

Concen: 43.98 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003814.D

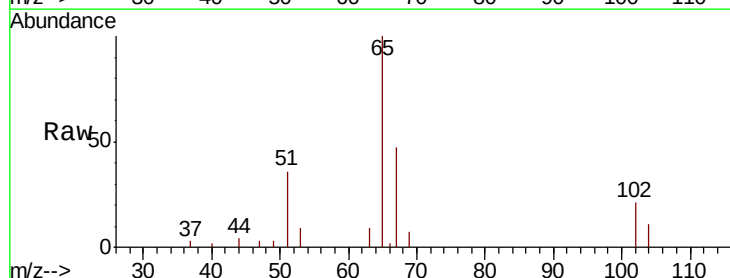
Acq: 01 Aug 2018 23:52

Tgt Ion: 65 Resp: 5830

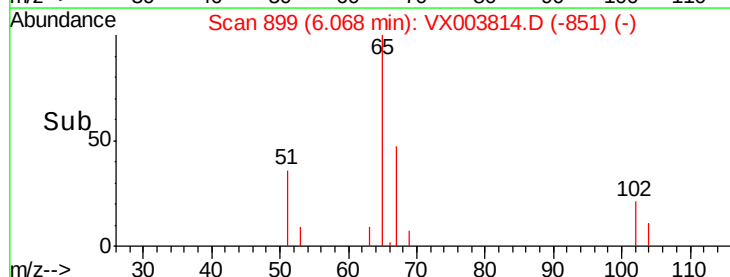
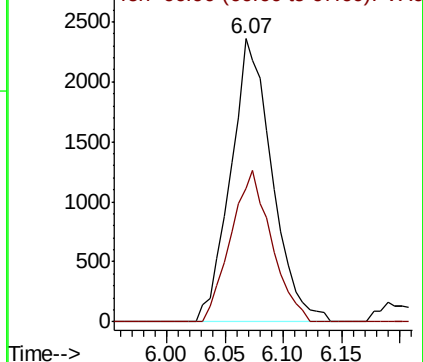
Ion Ratio Lower Upper

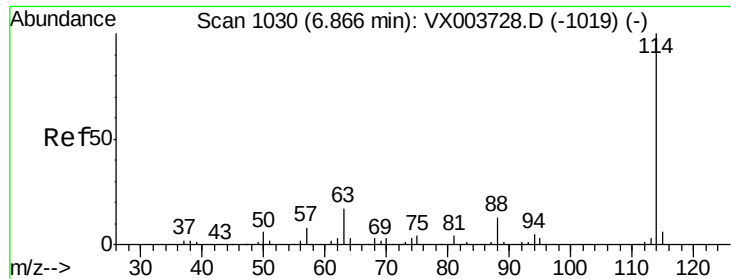
65 100

67 52.6 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

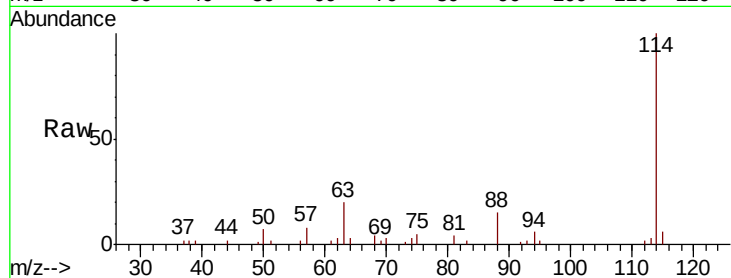




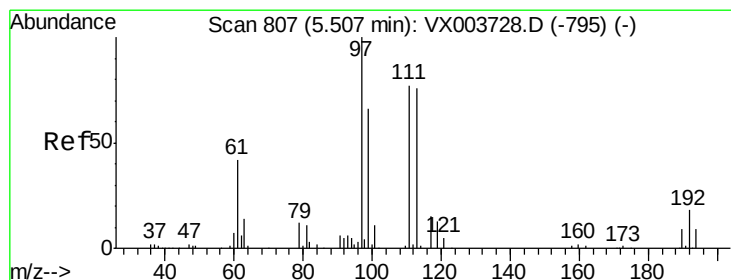
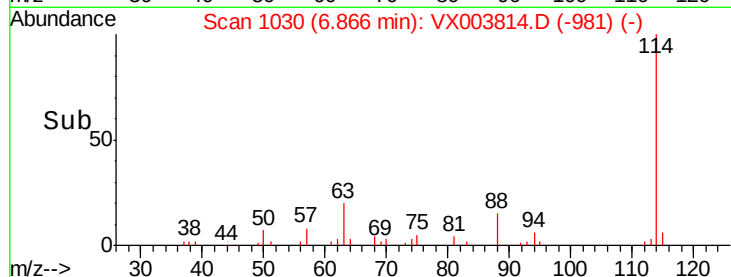
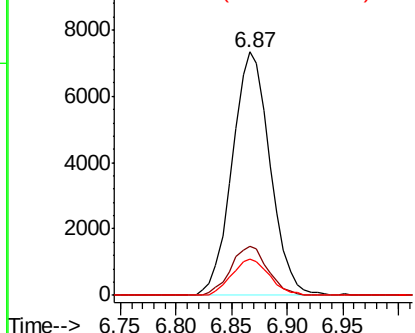
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 17285
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 34.0
 88 14.9 0.0 26.4

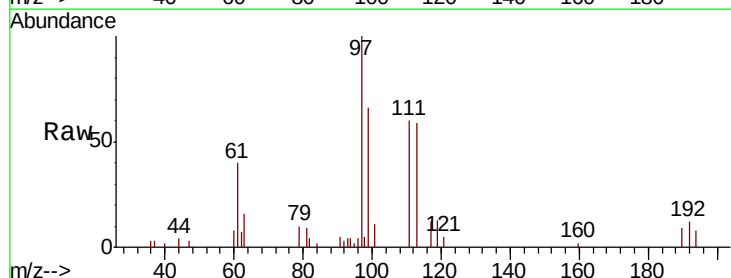


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

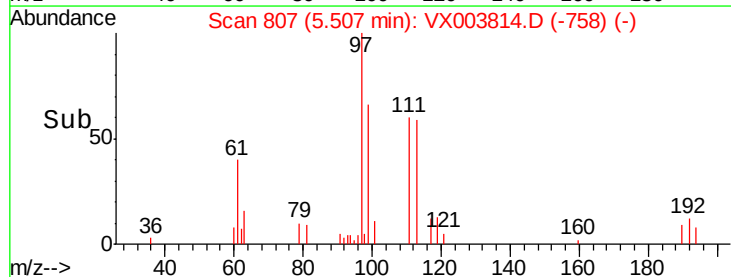
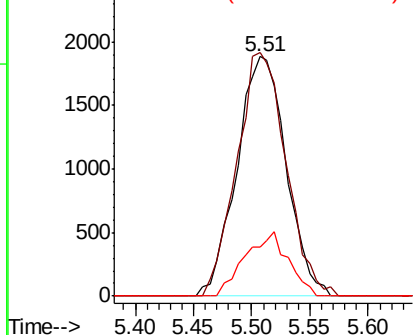


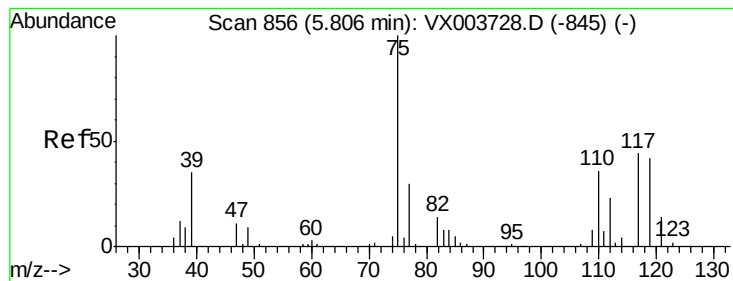
#35
 Dibromofluoromethane
 Concen: 54.39 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

Tgt Ion:113 Resp: 5536
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.8 122.6
 192 23.3 18.8 28.2



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: 51.01 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.01 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

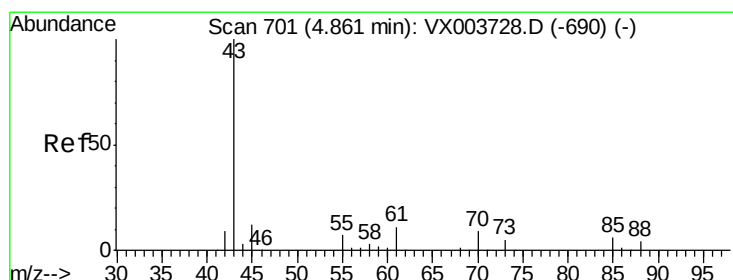
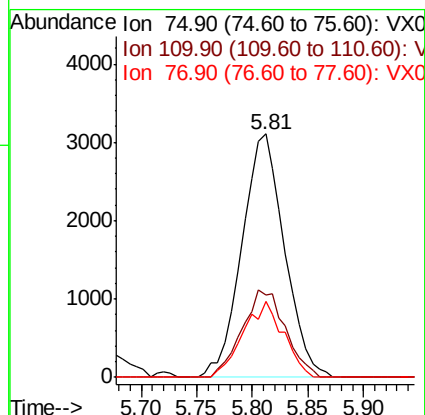
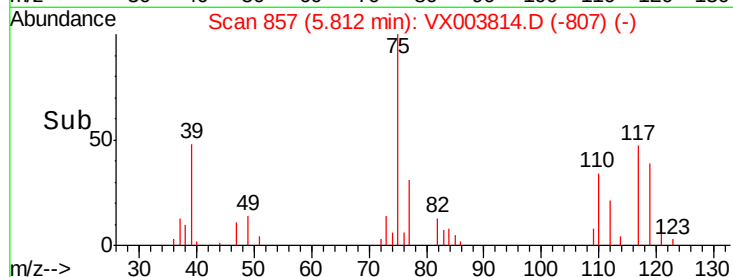
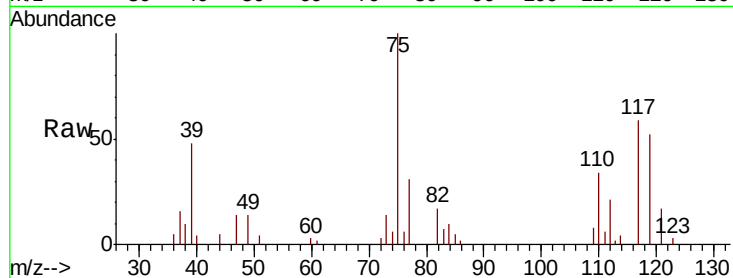
Tot Ion: 75 Resp: 8257

Ion Ratio Lower Upper

75 100

110 36.4 18.3 54.8

77 29.6 25.1 37.7



#37

Ethyl Acetate

Concen: 36.04 ug/l

RT: 4.85 min Scan# 699

Delta R.T. -0.01 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

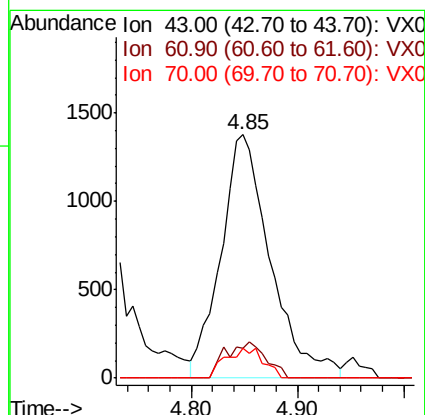
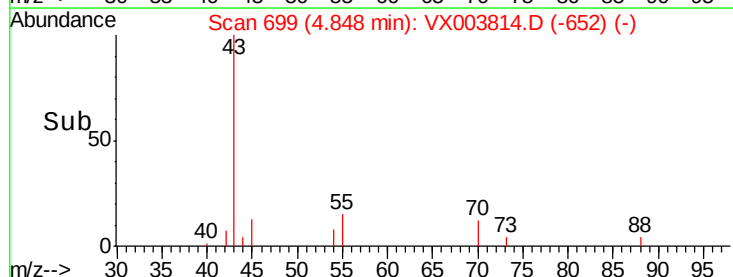
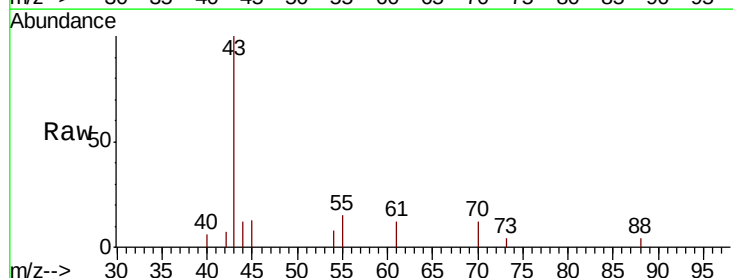
Tgt Ion: 43 Resp: 4481

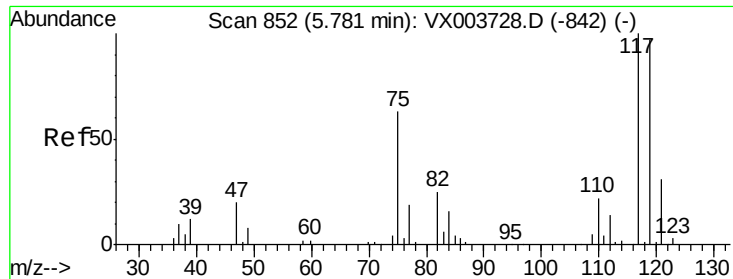
Ion Ratio Lower Upper

43 100

61 12.0 11.4 17.0

70 9.4 8.2 12.2

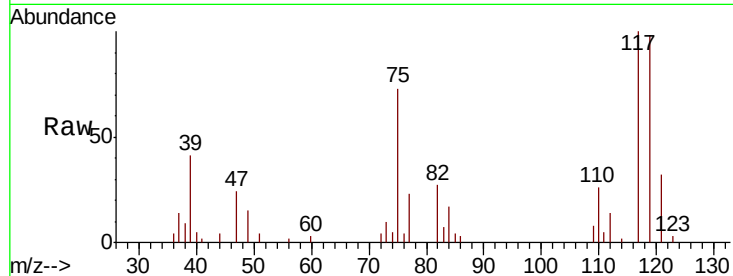




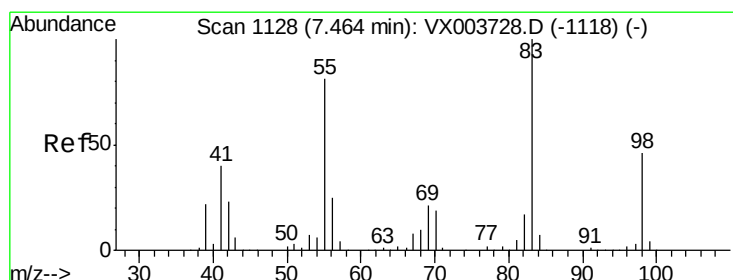
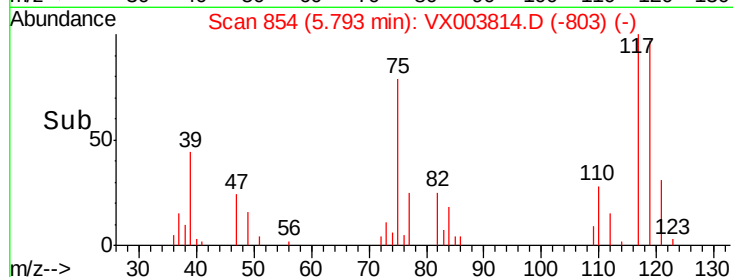
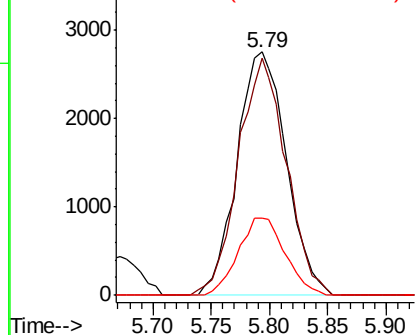
#38
Carbon Tetrachloride
Concen: 54.25 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.01 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 8123
Ion Ratio Lower Upper
117 100
119 97.7 77.2 115.8
121 31.7 25.0 37.4

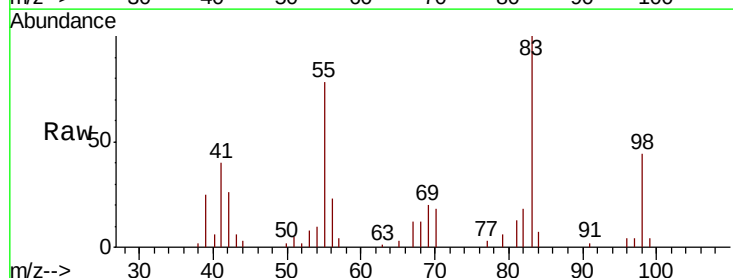


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

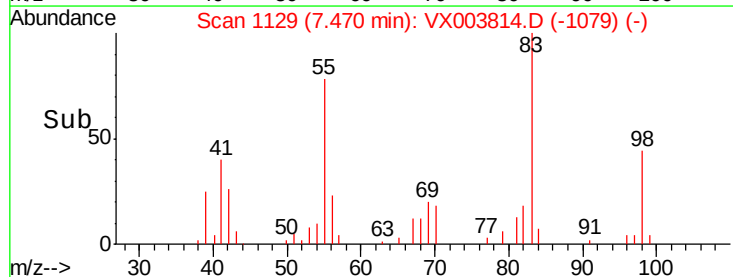
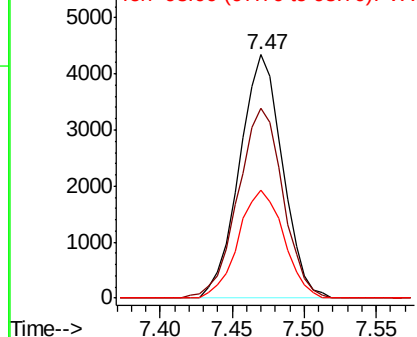


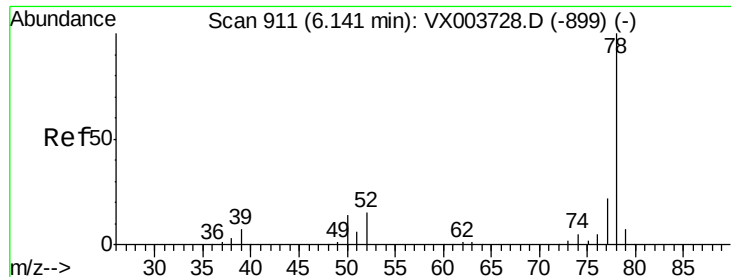
#39
Methylcyclohexane
Concen: 45.29 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Tgt Ion: 83 Resp: 9000
Ion Ratio Lower Upper
83 100
55 77.8 65.0 97.6
98 44.5 37.1 55.7



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





#40

Benzene

Concen: 59.37 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.01 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

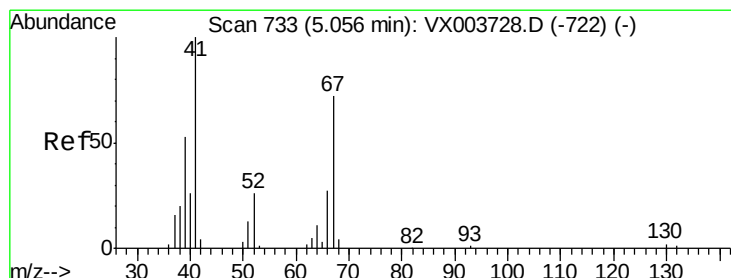
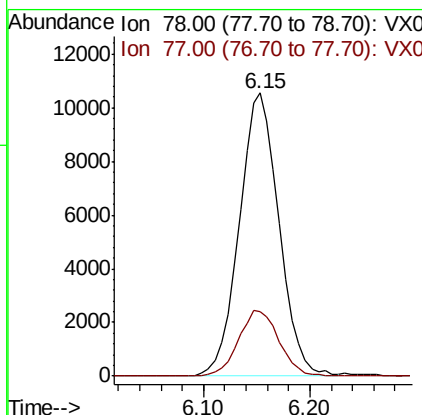
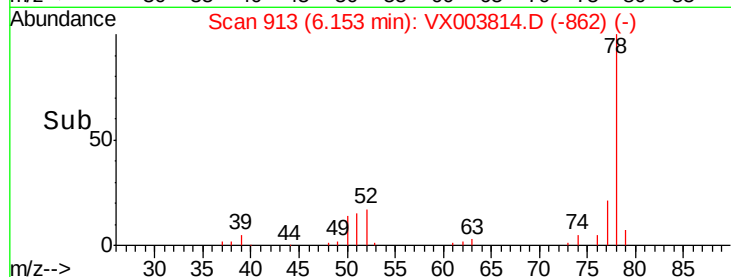
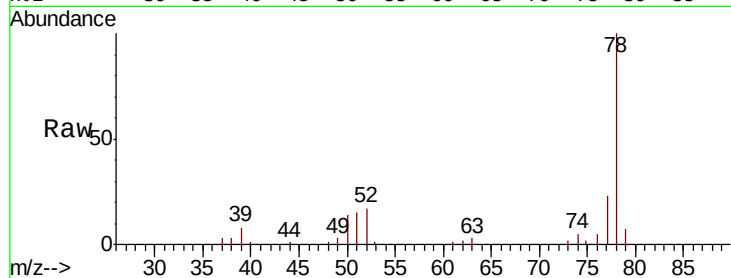
ClientSampleId :

Tot Ion: 78 Resp: 27541

Ion Ratio Lower Upper

78 100

77 22.6 17.9 26.9



#41

Methacrylonitrile

Concen: 38.79 ug/l

RT: 5.06 min Scan# 734

Delta R.T. 0.01 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Tgt Ion: 41 Resp: 2719

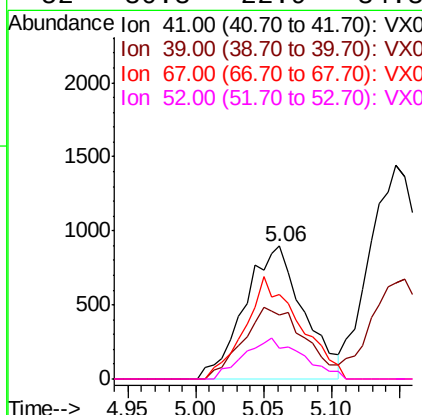
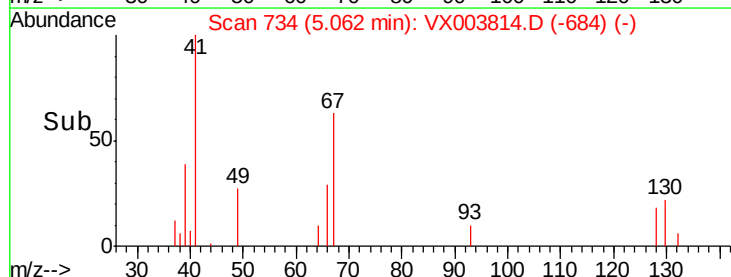
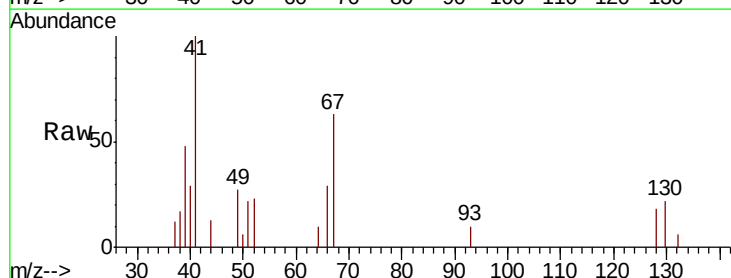
Ion Ratio Lower Upper

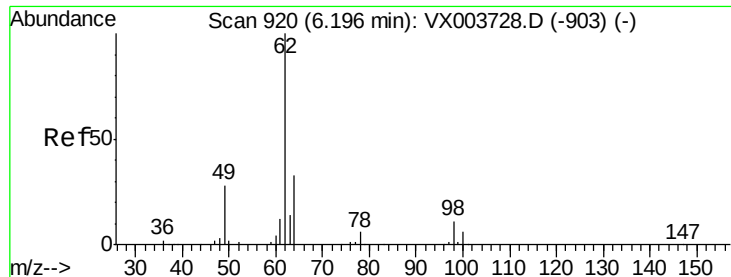
41 100

39 55.1 42.6 64.0

67 70.5 58.9 88.3

52 30.3 22.9 34.3





#42

1,2-Dichloroethane

Concen: 47.63 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.01 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

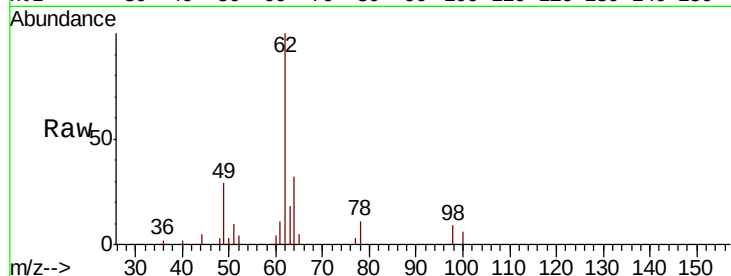
ClientSampled :

Tot Ion: 62 Resp: 6673

Ion Ratio Lower Upper

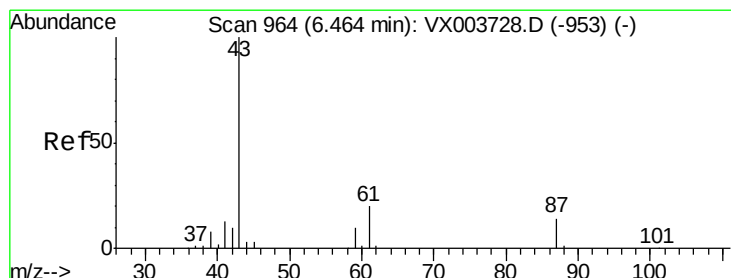
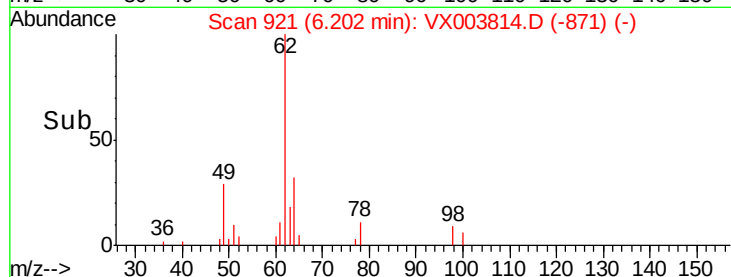
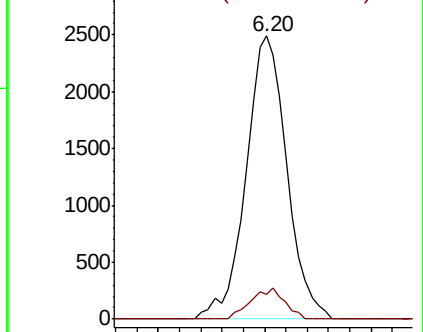
62 100

98 9.1 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 38.93 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

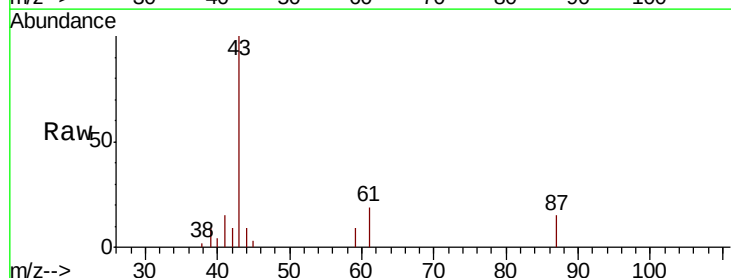
Tgt Ion: 43 Resp: 7712

Ion Ratio Lower Upper

43 100

61 20.5 16.5 24.7

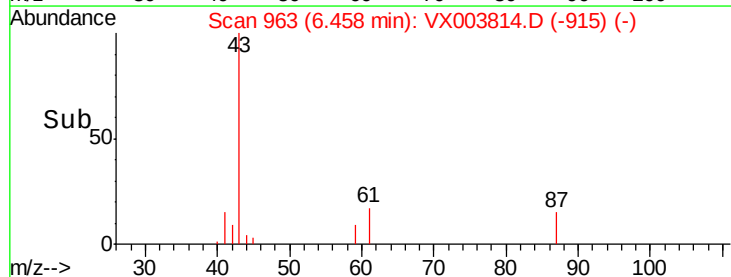
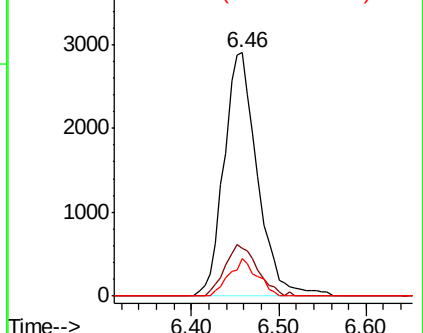
87 12.8 10.7 16.1

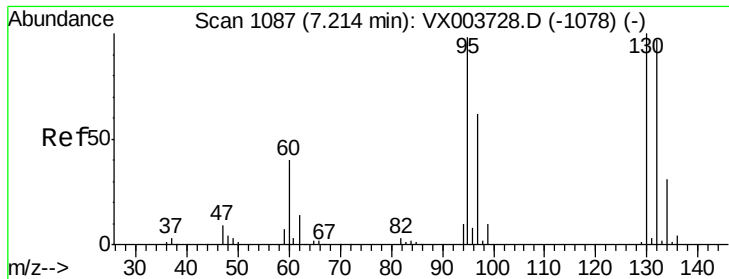


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 48.02 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

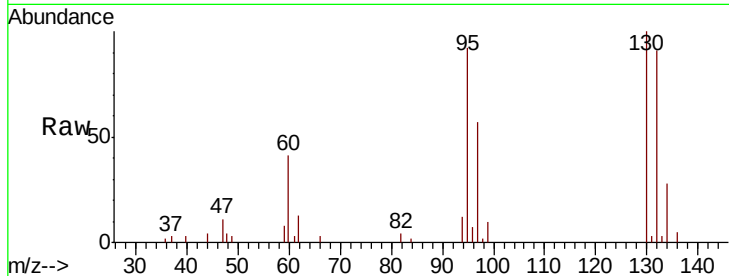
ClientSampleId :

Tot Ion:130 Resp: 6355

Ion Ratio Lower Upper

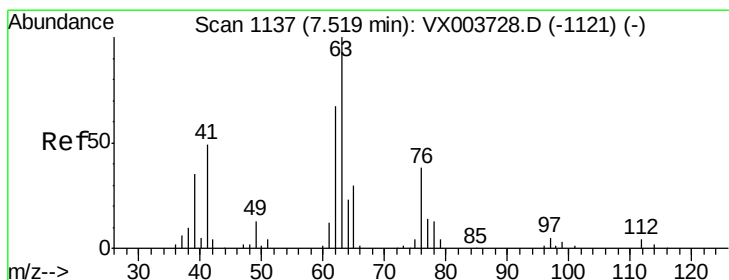
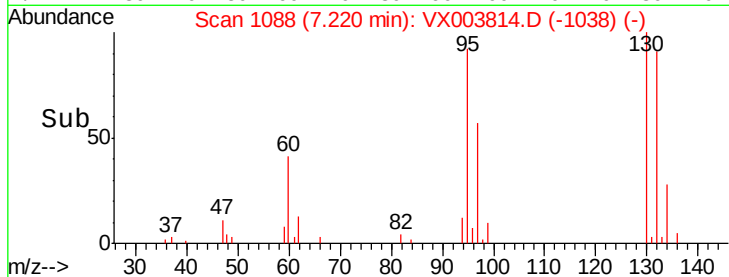
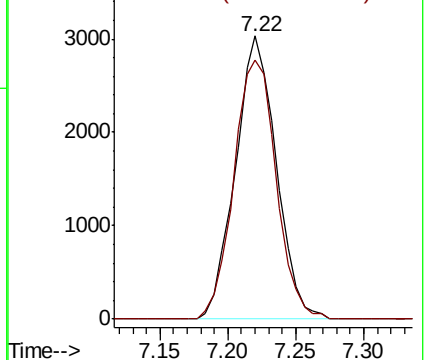
130 100

95 91.5 0.0 196.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 53.93 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX003814.D

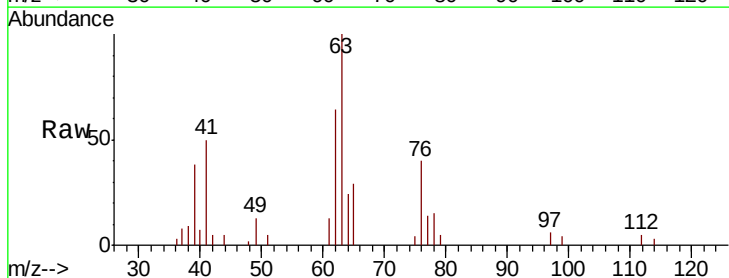
Acq: 01 Aug 2018 23:52

Tgt Ion: 63 Resp: 6152

Ion Ratio Lower Upper

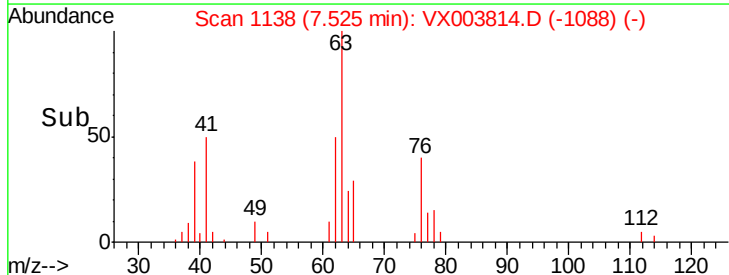
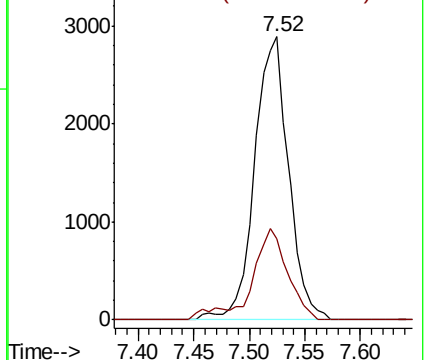
63 100

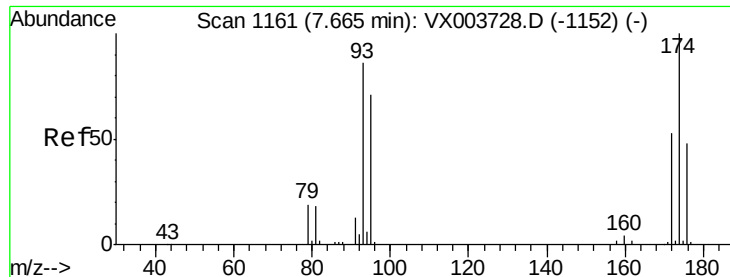
65 28.7 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

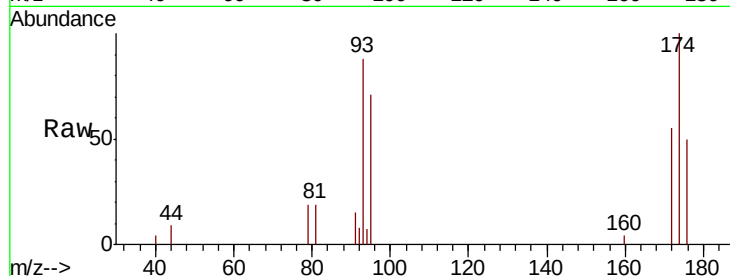




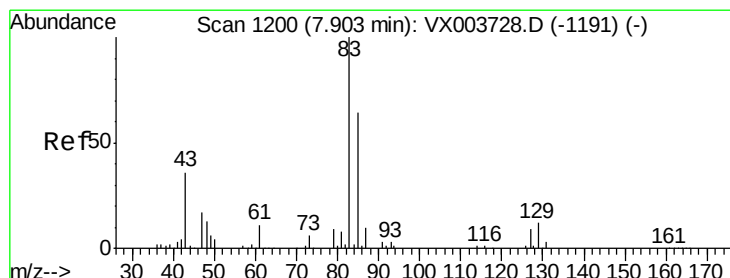
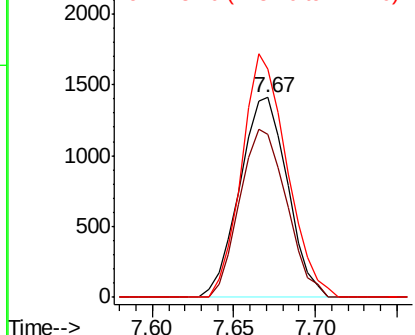
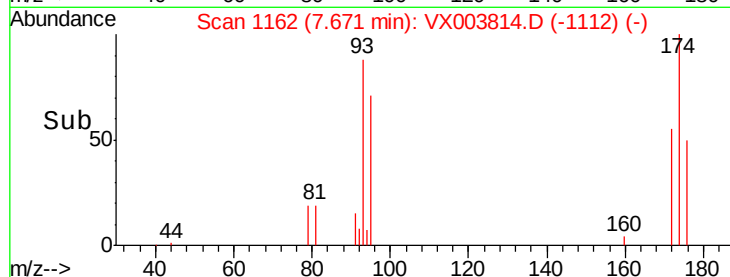
#46
 Dibromomethane
 Concen: 43.84 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 93 Resp: 2882
 Ion Ratio Lower Upper
 93 100
 95 82.0 68.1 102.1
 174 114.6 96.2 144.4

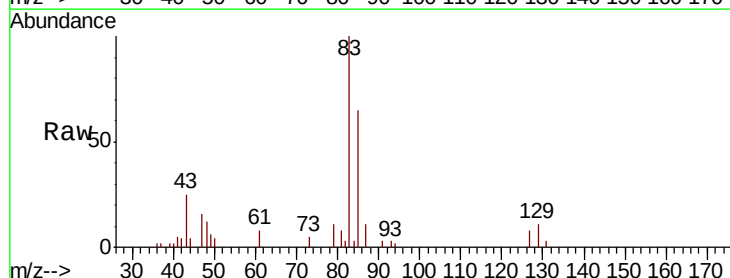


Abundance Ion 92.80 (92.50 to 93.50): VX0
 Ion 94.80 (94.50 to 95.50): VX0
 Ion 173.70 (173.40 to 174.40): V

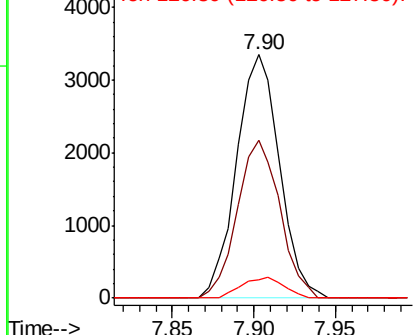
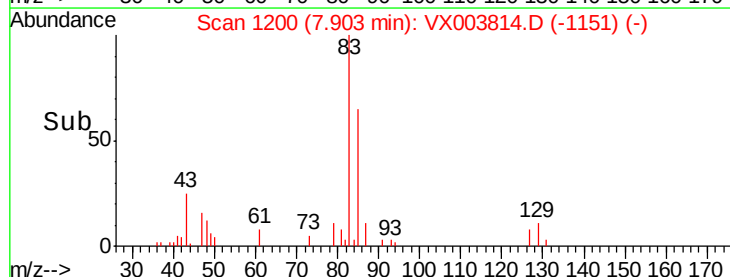


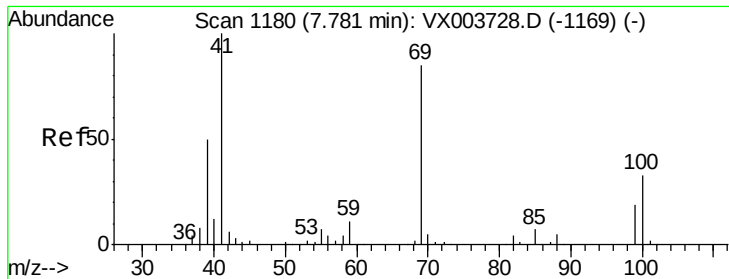
#47
 Bromodichloromethane
 Concen: 46.88 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

Tgt Ion: 83 Resp: 6141
 Ion Ratio Lower Upper
 83 100
 85 65.1 51.1 76.7
 127 7.7 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

Methvl methacrylate

Concen: 40.34 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

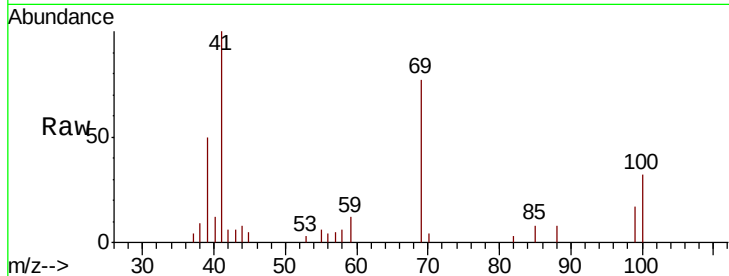
Tot Ion: 41 Resp: 4009

Ion Ratio Lower Upper

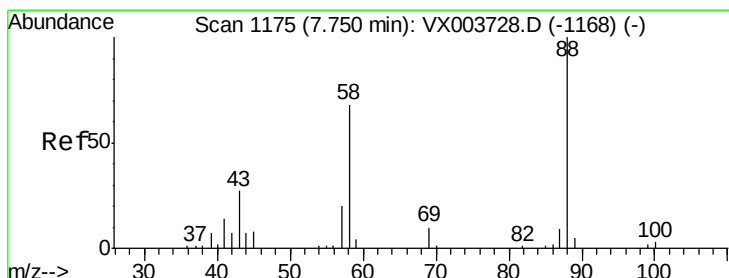
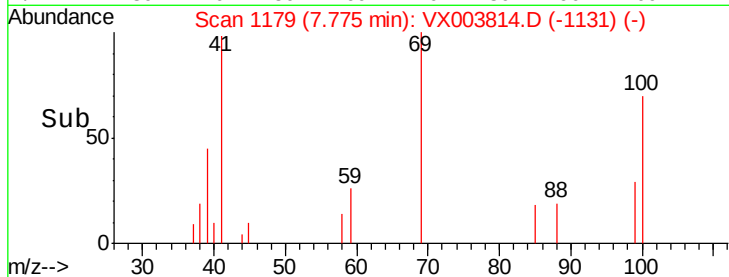
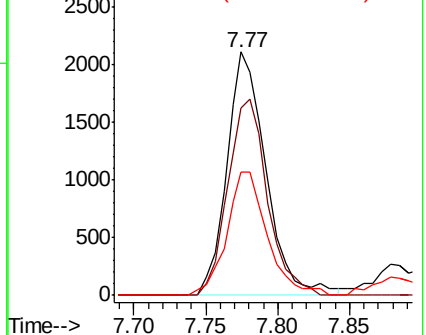
41 100

69 81.5 68.7 103.1

39 52.6 40.8 61.2



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: 652.13 ug/l

RT: 7.75 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

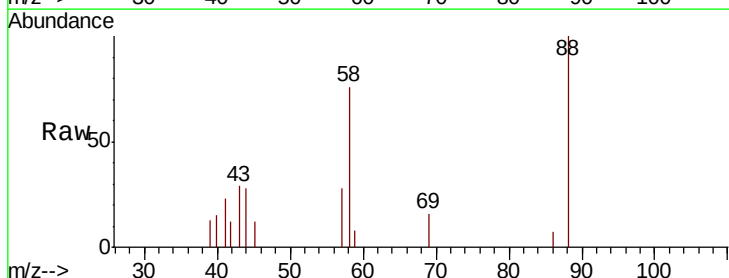
Tgt Ion: 88 Resp: 1308

Ion Ratio Lower Upper

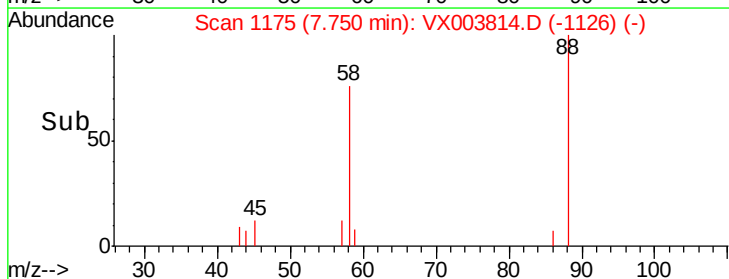
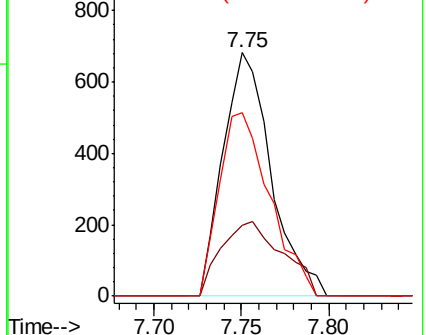
88 100

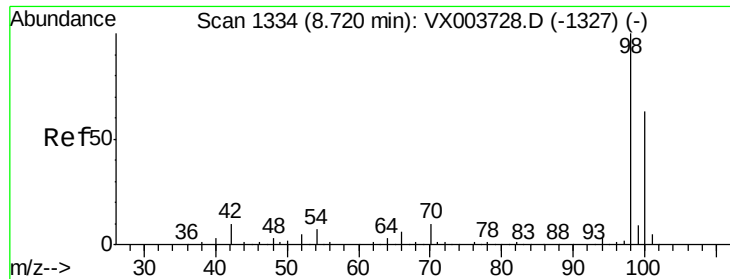
43 38.9 26.0 39.0

58 79.1 57.1 85.7



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: 51.43 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

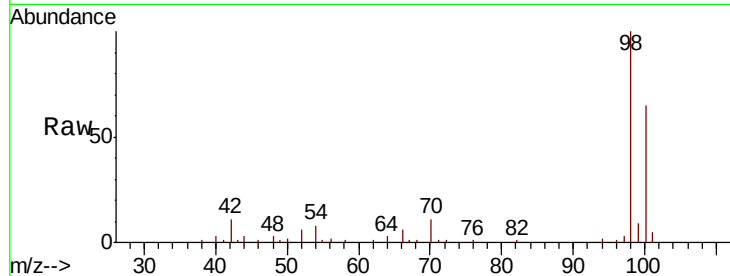
ClientSampled :

Tot Ion: 98 Resp: 21826

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

15000

8.72

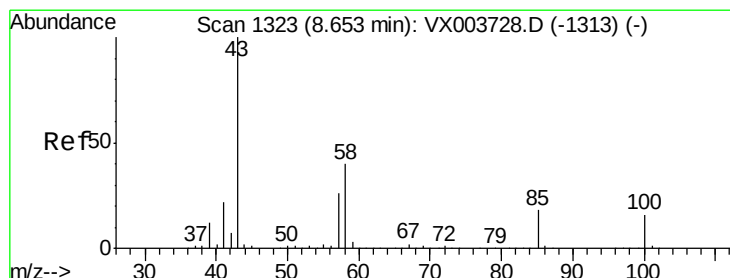
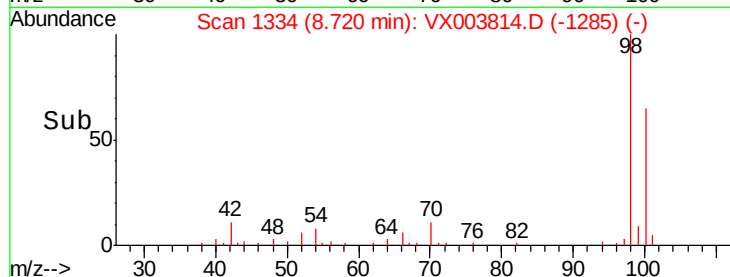
10000

5000

0

8.65 8.70 8.75 8.80

Time-->



#51

4-Methyl-2-Pentanone

Concen: 199.06 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX003814.D

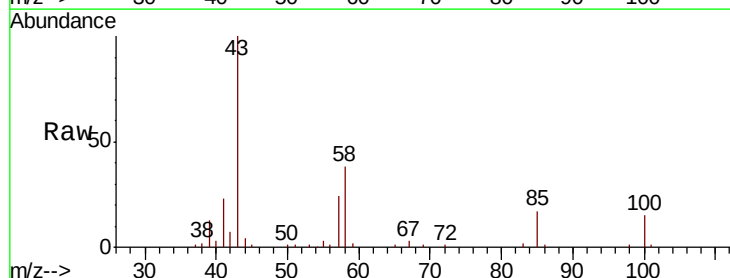
Acq: 01 Aug 2018 23:52

Tgt Ion: 43 Resp: 24237

Ion Ratio Lower Upper

43 100

58 37.8 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

15000

8.65

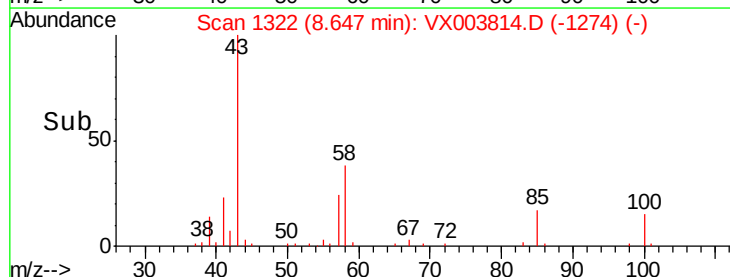
10000

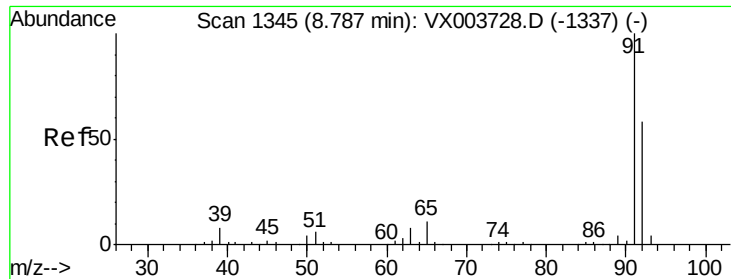
5000

0

8.60 8.70 8.80

Time-->





#52

Toluene

Concen: 49.17 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

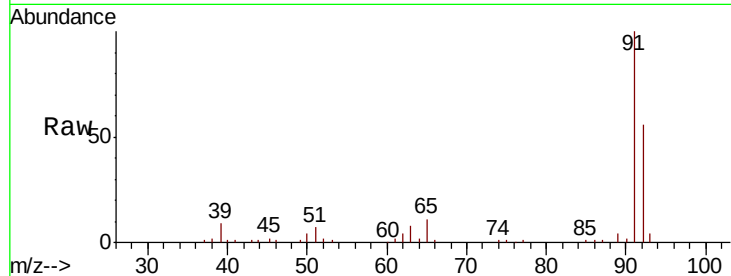
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 92 Resp: 14227

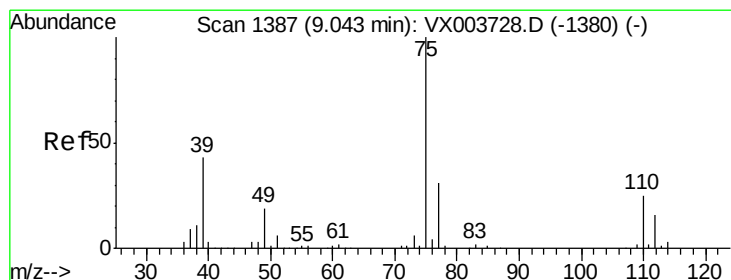
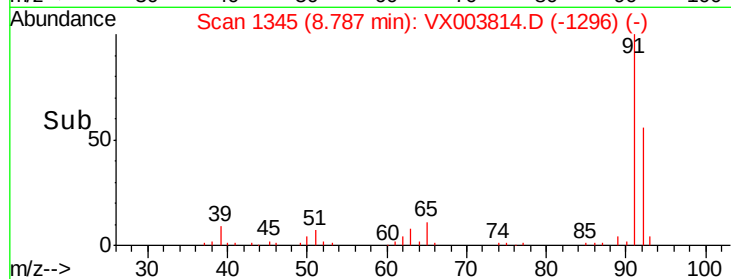
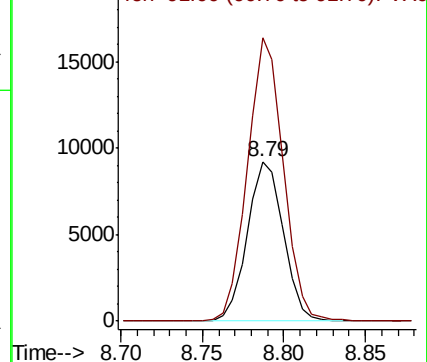
Ion Ratio Lower Upper

92 100

91 176.8 139.4 209.2



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: 29.27 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003814.D

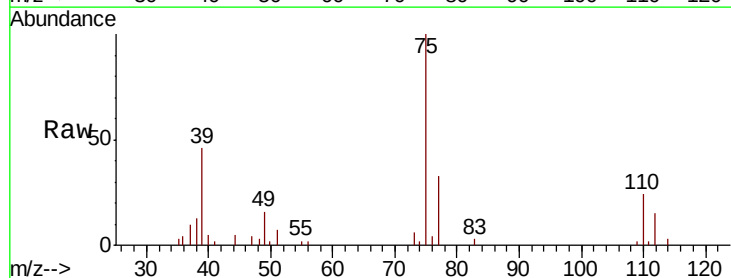
Acq: 01 Aug 2018 23:52

Tgt Ion: 75 Resp: 4380

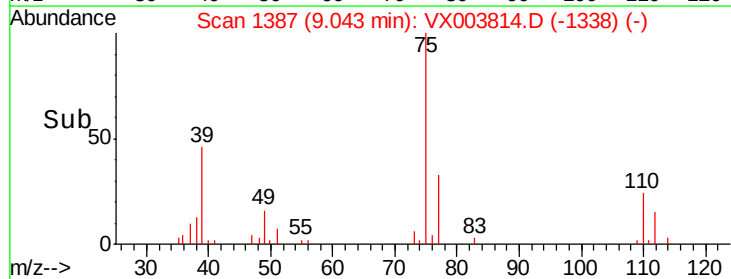
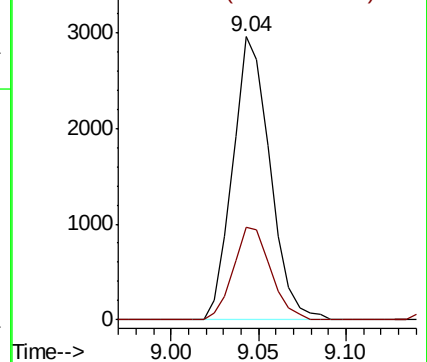
Ion Ratio Lower Upper

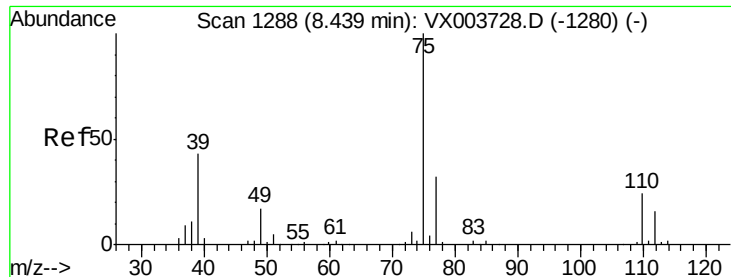
75 100

77 32.5 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



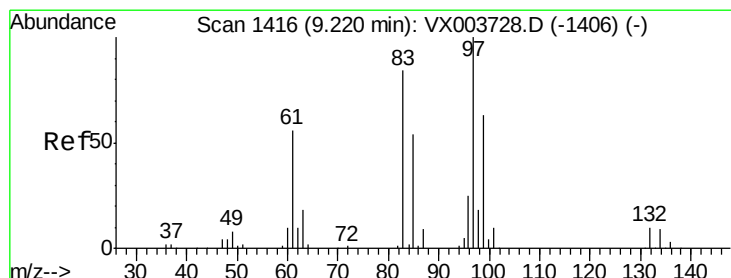
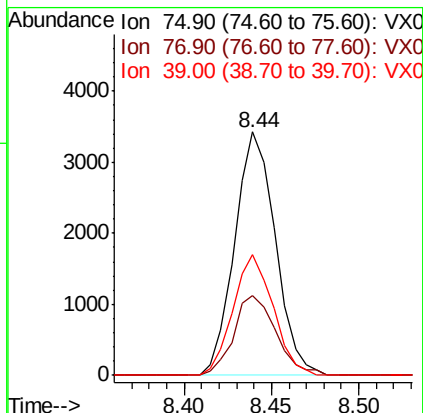
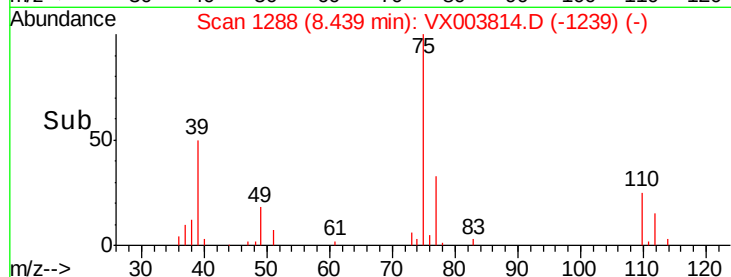
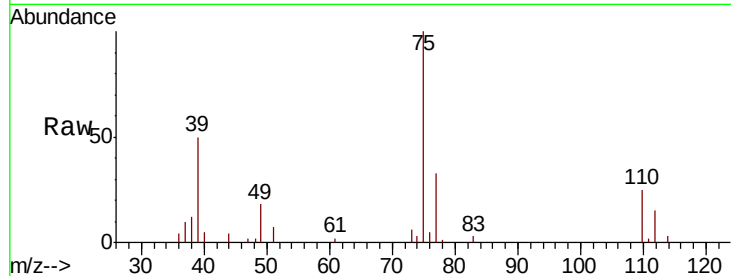


#54

cis-1,3-Dichloropropene
Concen: 33.19 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Instrument :
MSVOA_X
ClientSampleId :

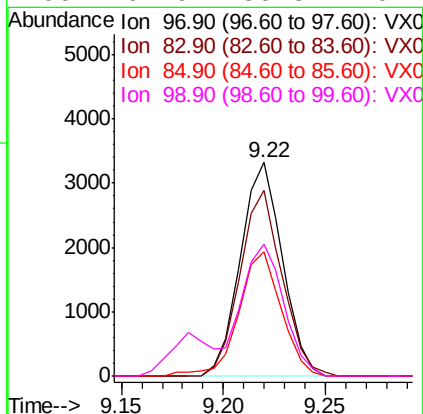
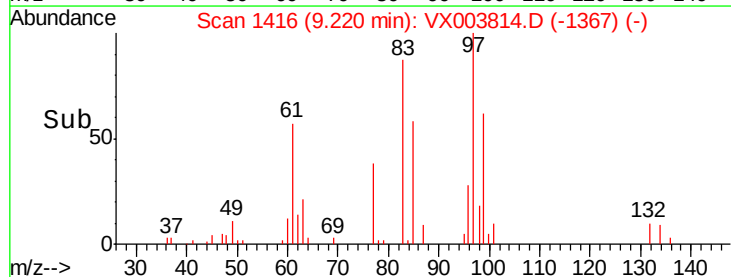
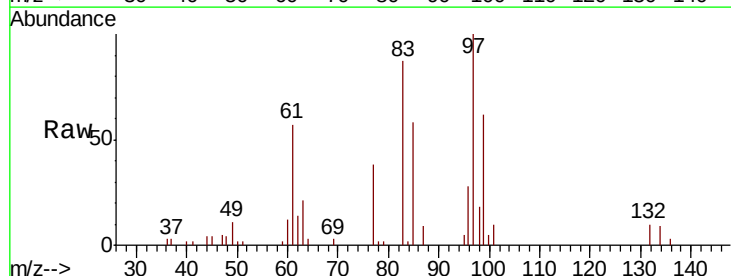
Tot Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.3	37.9
39	49.7	34.1	51.1

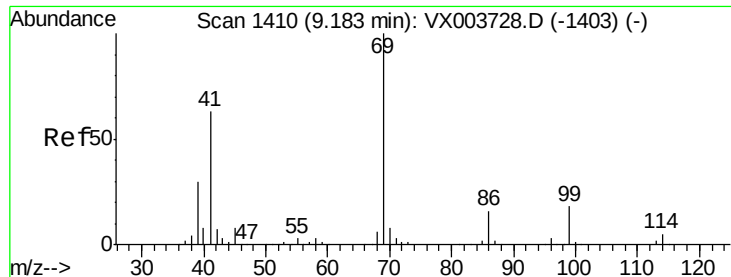


#55

1,1,2-Trichloroethane
Concen: 47.65 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.4	101.0
85	58.0	43.3	64.9
99	61.9	50.8	76.2





#56

Ethyl methacrylate

Concen: 38.55 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

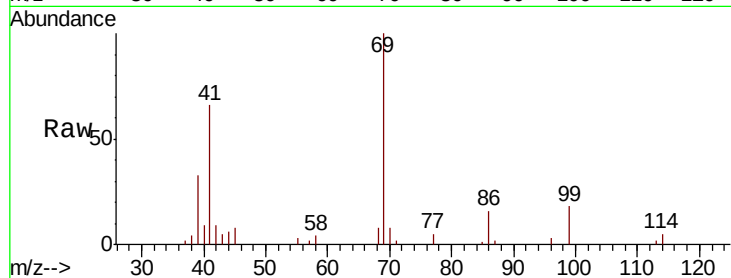
Tot Ion: 69 Resp: 5273

Ion Ratio Lower Upper

69 100

41 69.2 51.6 77.4

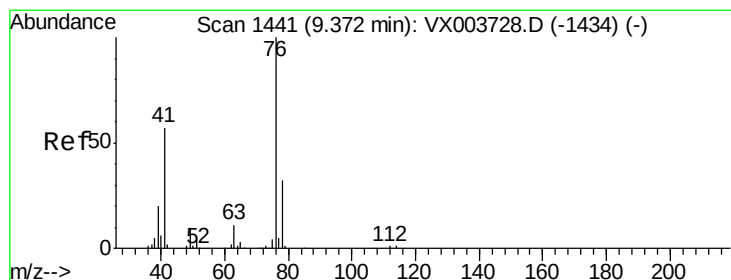
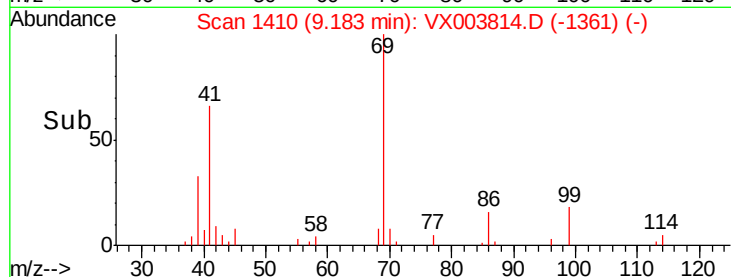
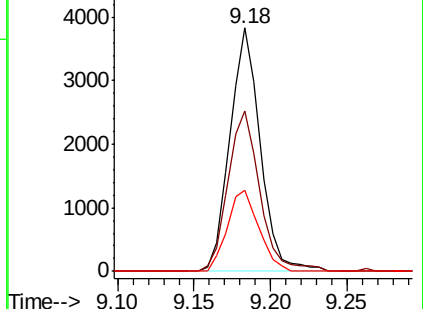
39 34.5 25.1 37.7



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 47.04 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003814.D

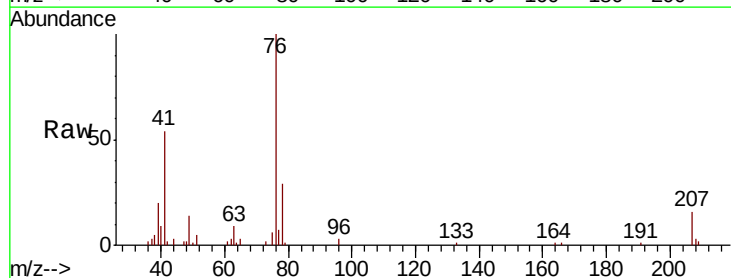
Acq: 01 Aug 2018 23:52

Tgt Ion: 76 Resp: 7863

Ion Ratio Lower Upper

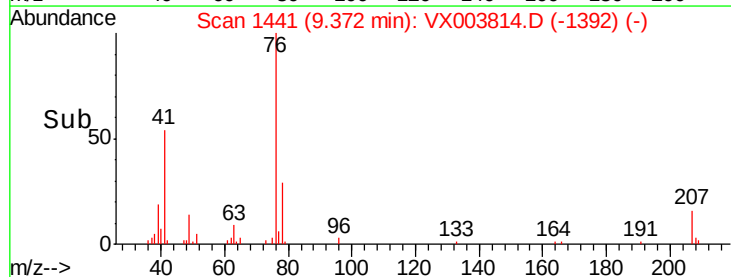
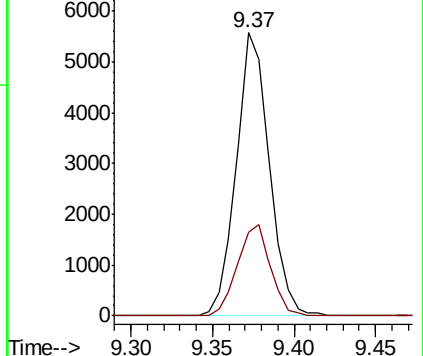
76 100

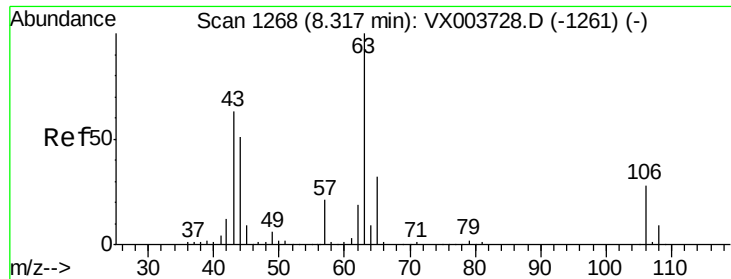
78 32.1 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

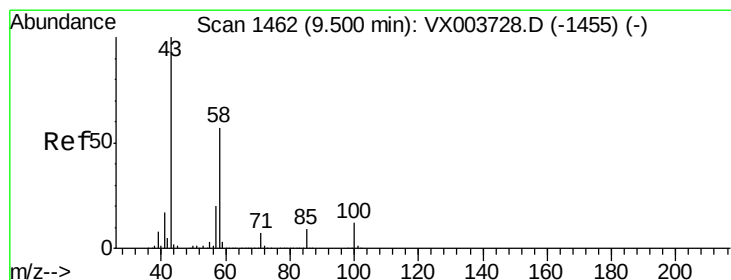
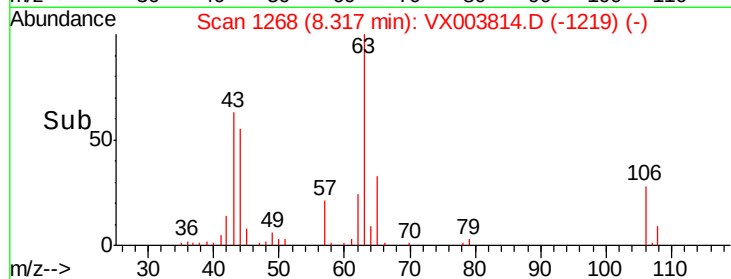
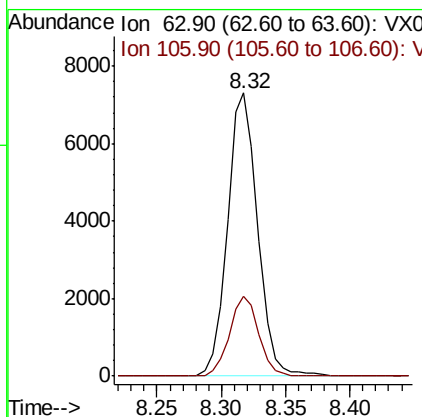
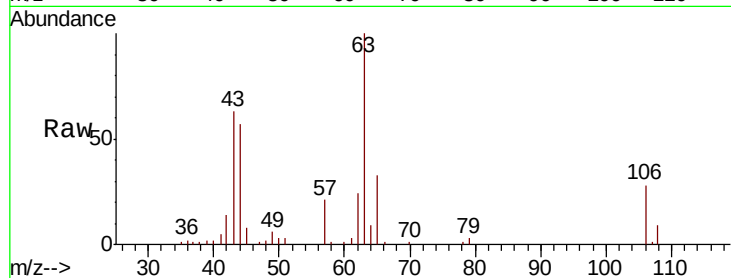




#58
 2-Chloroethyl Vinyl ether
 Concen: 168.49 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

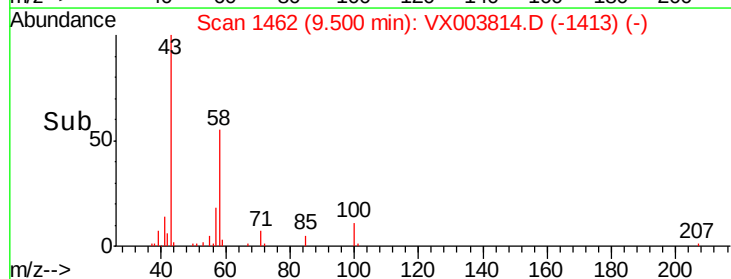
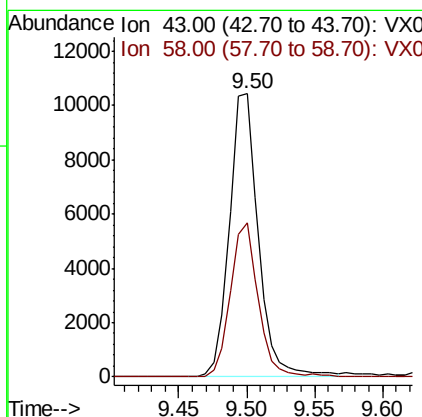
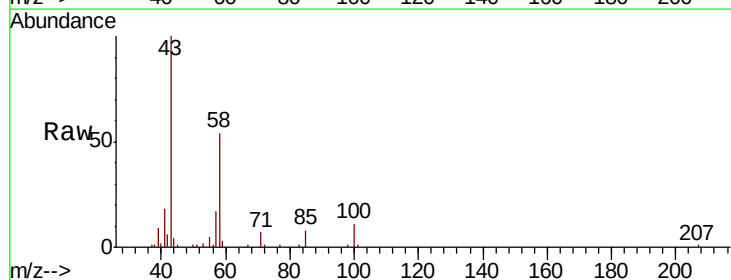
Instrument :
 MSVOA_X
 ClientSampleId :

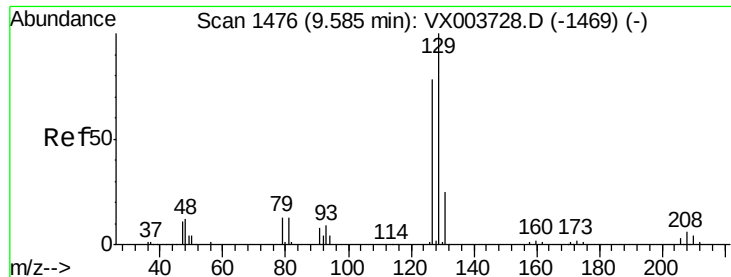
Tot Ion: 63 Resp: 11889
 Ion Ratio Lower Upper
 63 100
 106 27.1 22.5 33.7



#59
 2-Hexanone
 Concen: 166.73 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

Tgt Ion: 43 Resp: 15465
 Ion Ratio Lower Upper
 43 100
 58 52.5 28.0 83.9

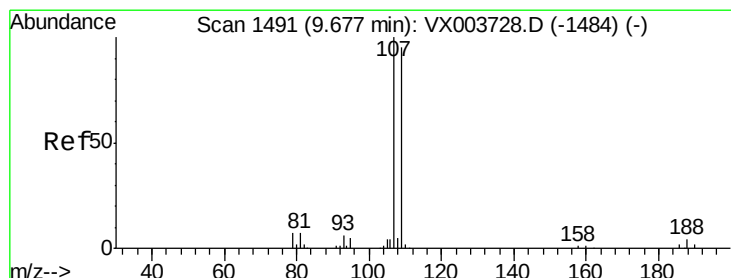
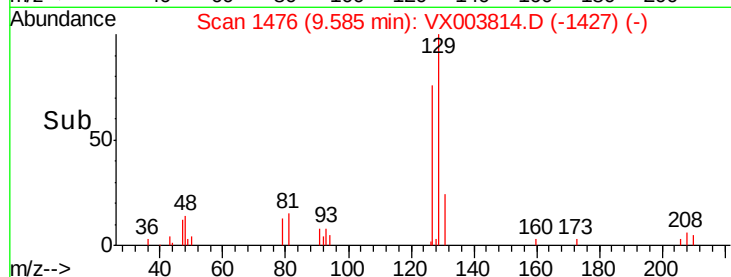
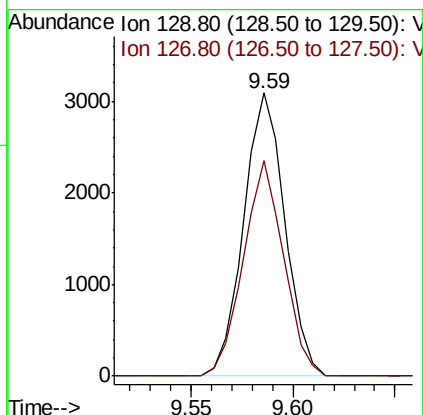
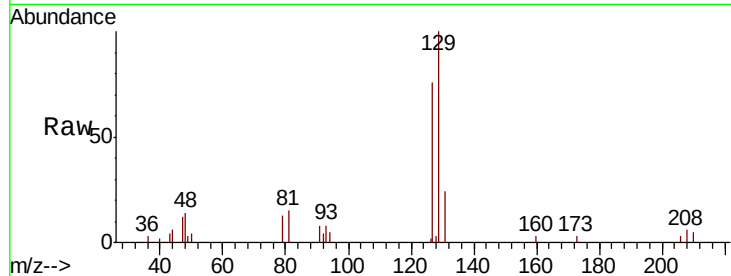




#60
 Dibromochloromethane
 Concen: 43.20 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

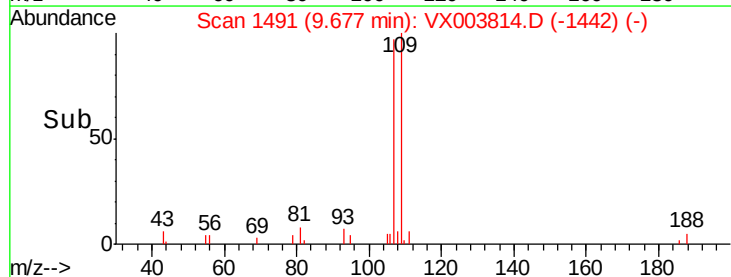
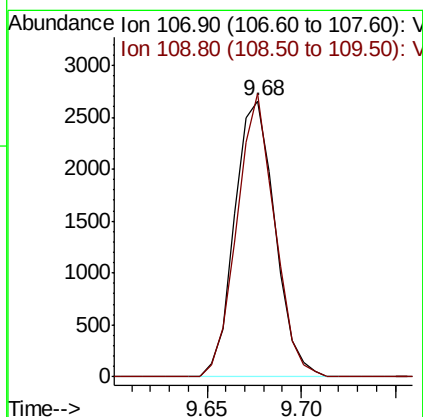
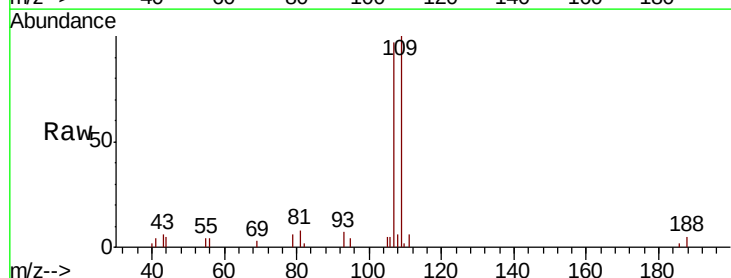
Instrument :
 MSVOA_X
 ClientSampleId :

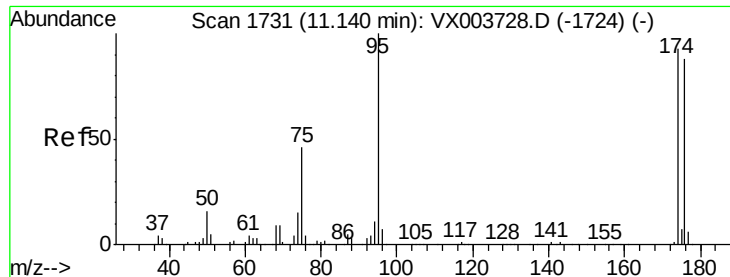
Tot Ion:129 Resp: 4333
 Ion Ratio Lower Upper
 129 100
 127 74.4 38.8 116.4



#61
 1,2-Dibromoethane
 Concen: 38.91 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

Tgt Ion:107 Resp: 3956
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.0 112.6





#62

4-Bromofluorobenzene

Concen: 36.71 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

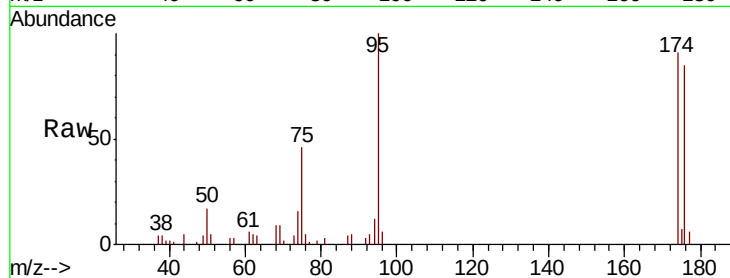
Tot Ion: 95 Resp: 5743

Ion Ratio Lower Upper

95 100

174 94.1 0.0 186.2

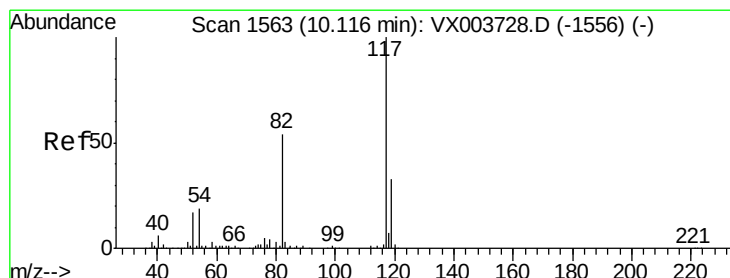
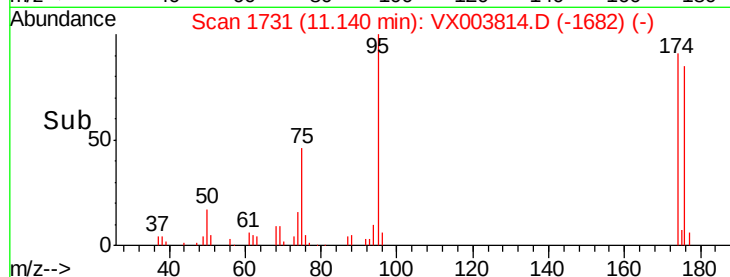
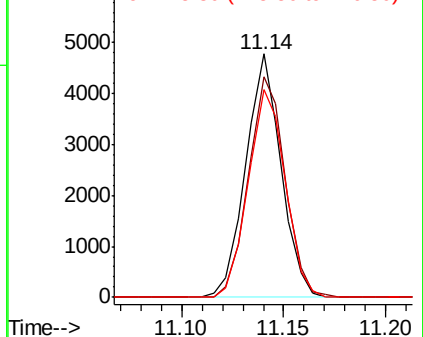
176 89.5 0.0 179.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

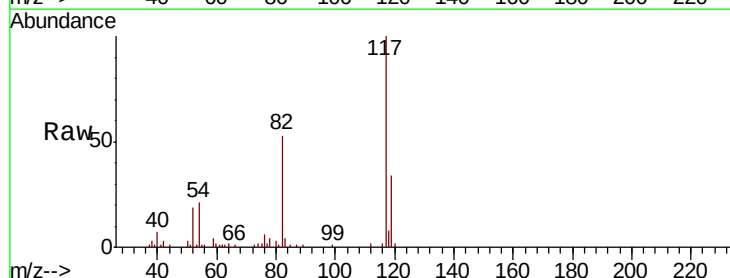
Tgt Ion: 117 Resp: 13776

Ion Ratio Lower Upper

117 100

82 53.3 43.2 64.8

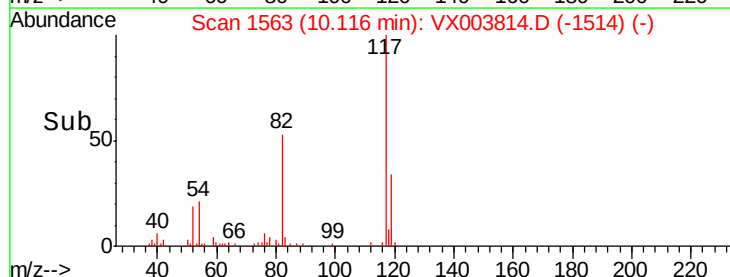
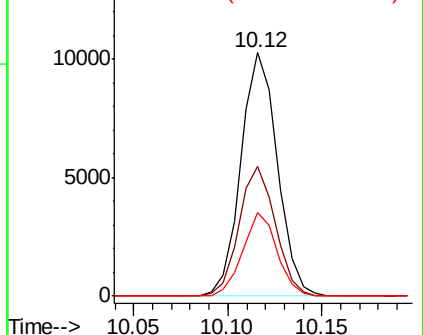
119 34.1 26.3 39.5

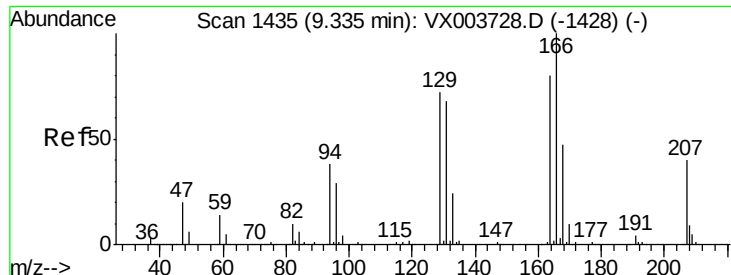


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

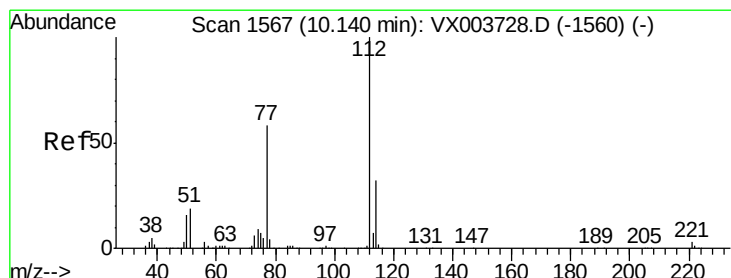
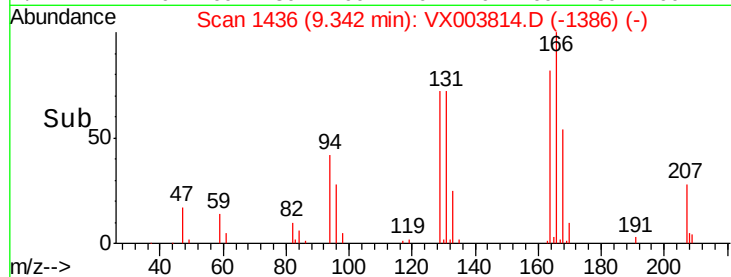
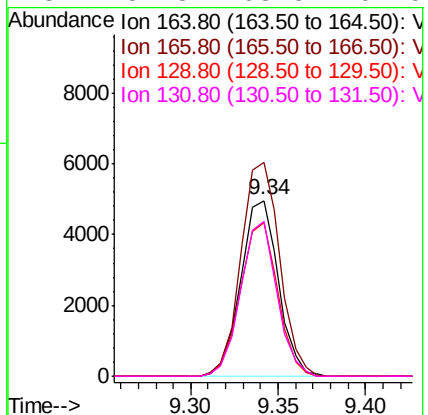
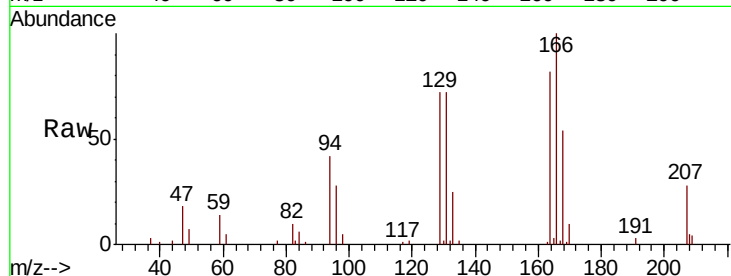




#64
Tetrachloroethene
Concen: 68.53 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

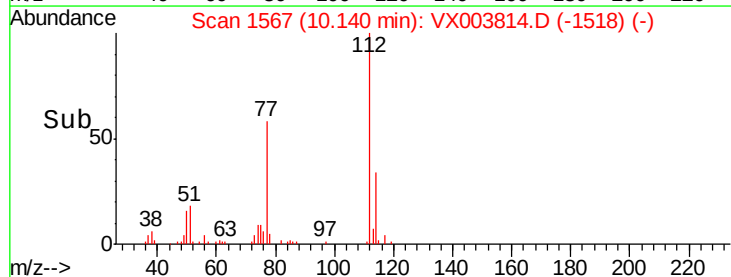
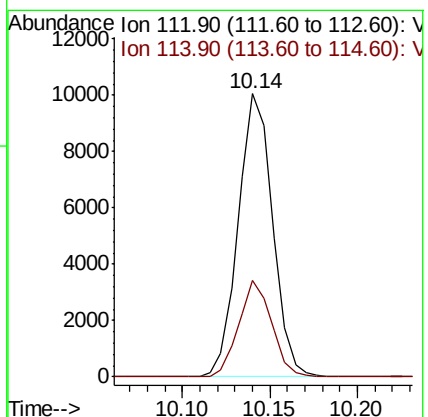
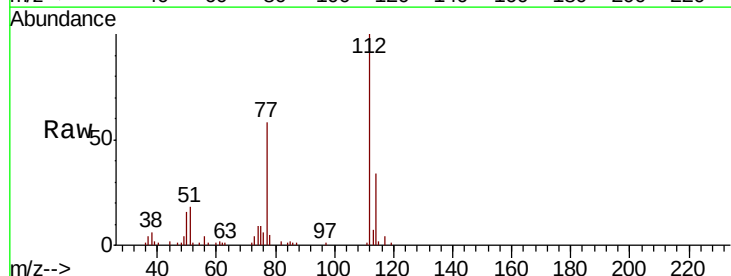
Instrument :
MSVOA_X
ClientSampleId :

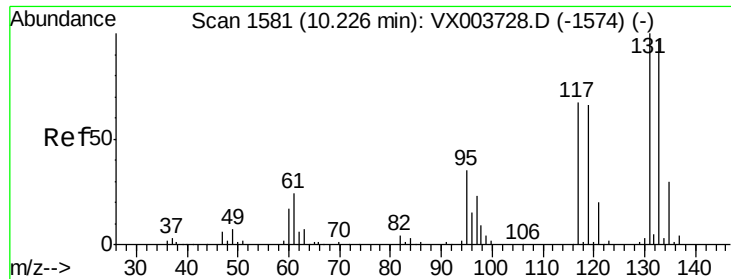
Tot Ion:164 Resp: 7421
Ion Ratio Lower Upper
164 100
166 121.4 100.4 150.6
129 87.3 71.8 107.8
131 87.8 68.3 102.5



#65
Chlorobenzene
Concen: 47.73 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Tgt Ion:112 Resp: 13740
Ion Ratio Lower Upper
112 100
114 34.1 25.7 38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 53.72 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

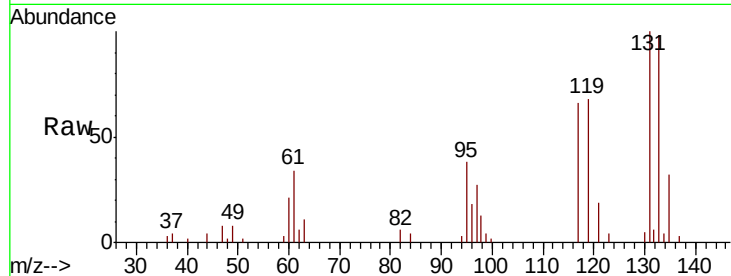
Tot Ion:131 Resp: 5043

Ion Ratio Lower Upper

131 100

133 94.6 47.6 142.9

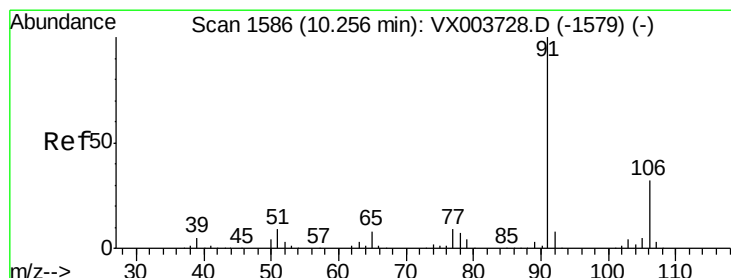
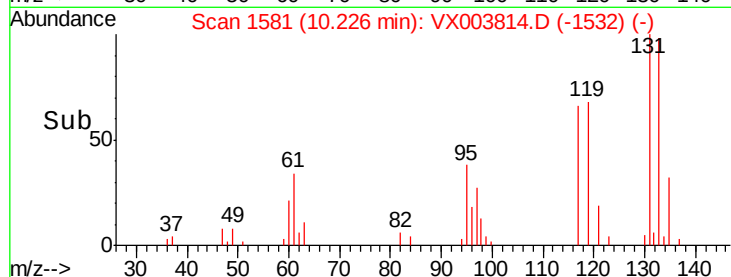
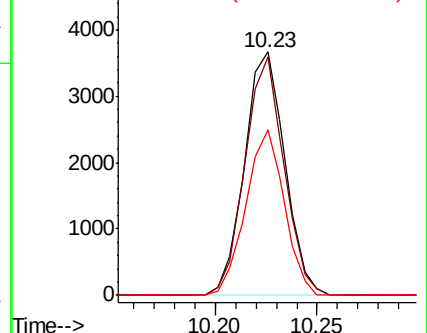
119 64.6 32.8 98.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 52.23 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003814.D

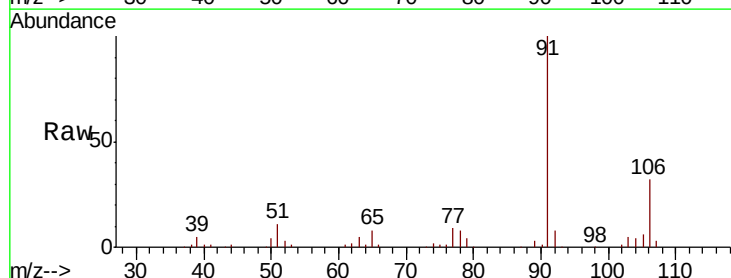
Acq: 01 Aug 2018 23:52

Tgt Ion: 91 Resp: 25388

Ion Ratio Lower Upper

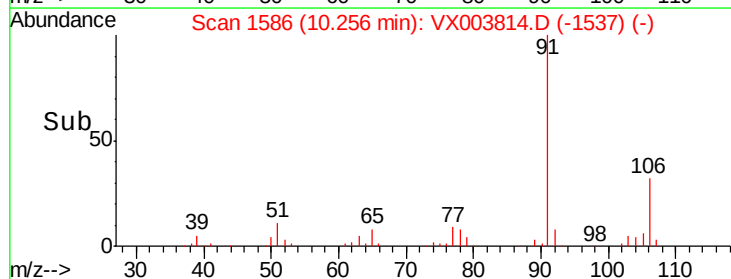
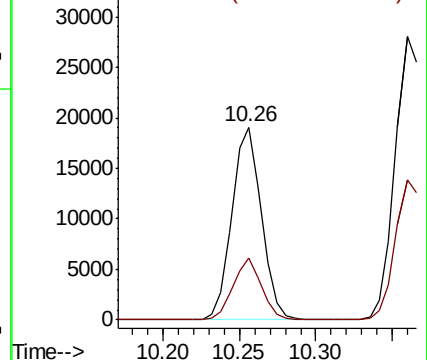
91 100

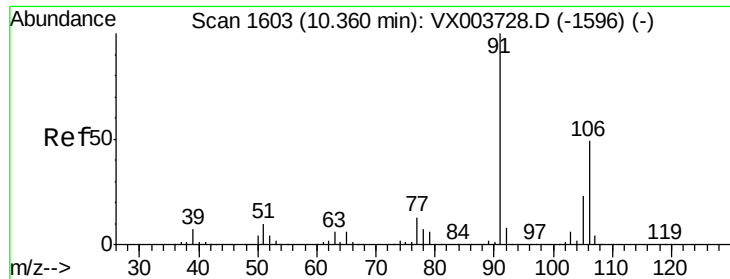
106 32.4 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 98.49 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

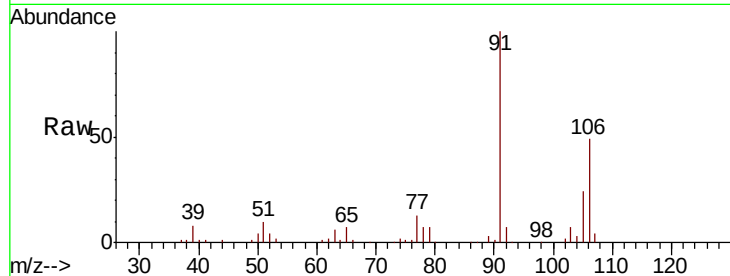
ClientSampleId :

Tot Ion:106 Resp: 18728

Ion Ratio Lower Upper

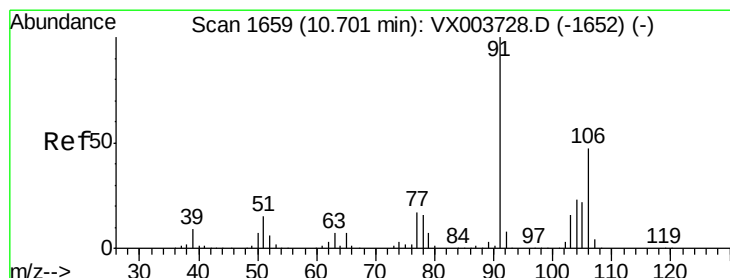
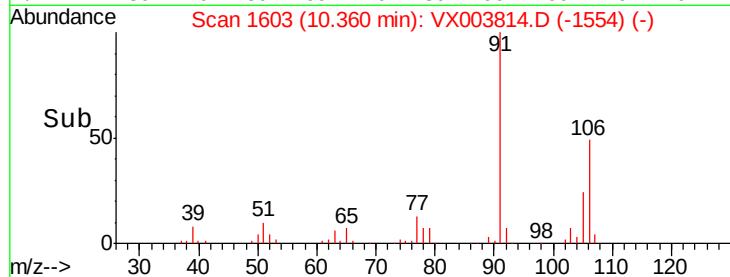
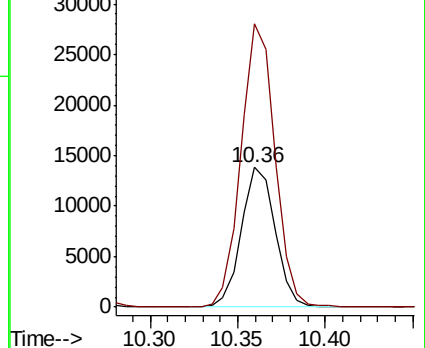
106 100

91 202.3 159.8 239.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 51.02 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX003814.D

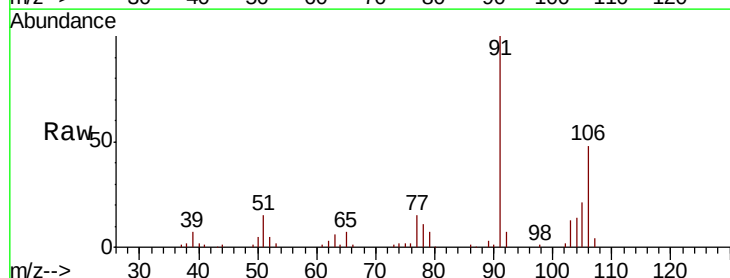
Acq: 01 Aug 2018 23:52

Tgt Ion:106 Resp: 9008

Ion Ratio Lower Upper

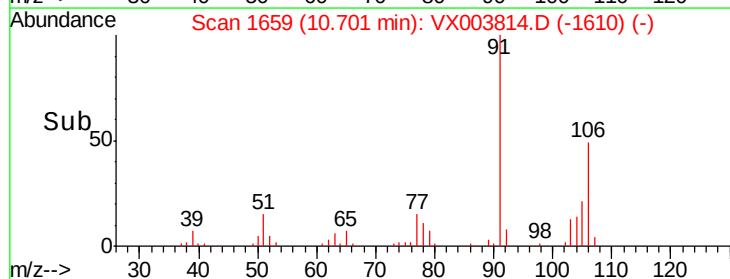
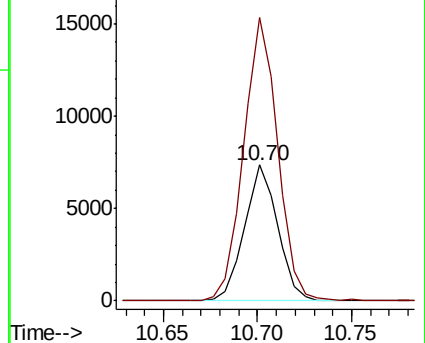
106 100

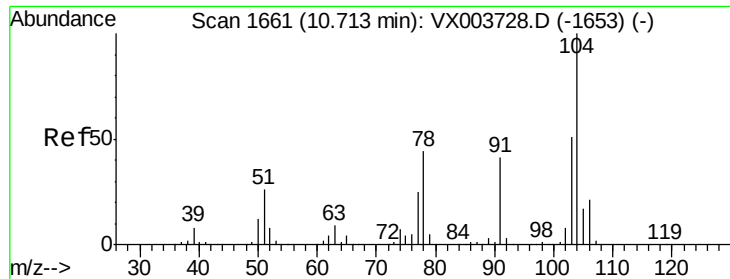
91 212.4 105.6 316.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

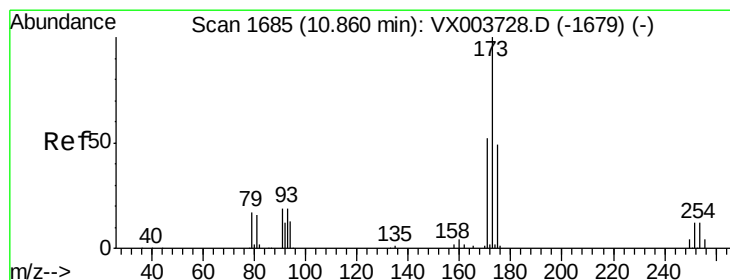
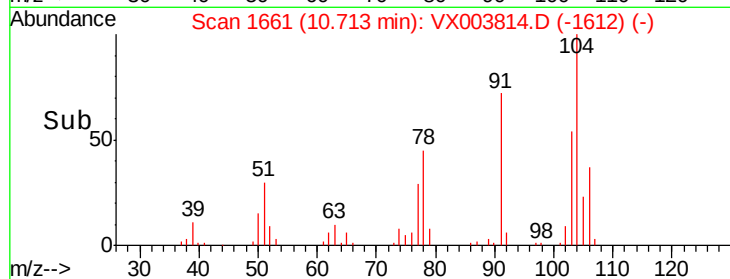
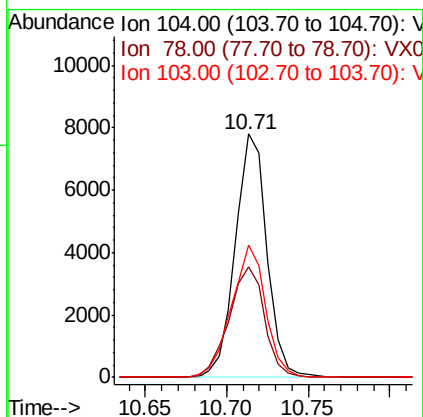
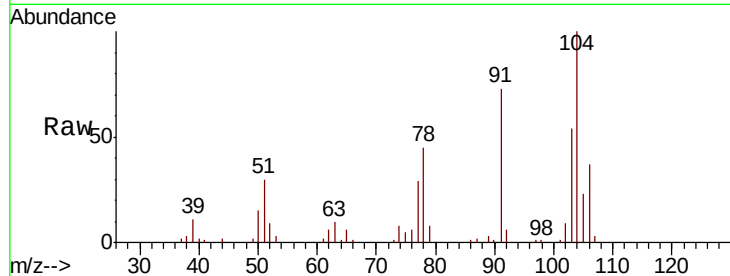




#70
Stvrene
Concen: 35.52 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

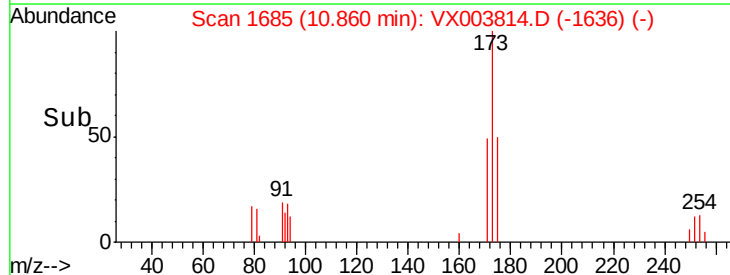
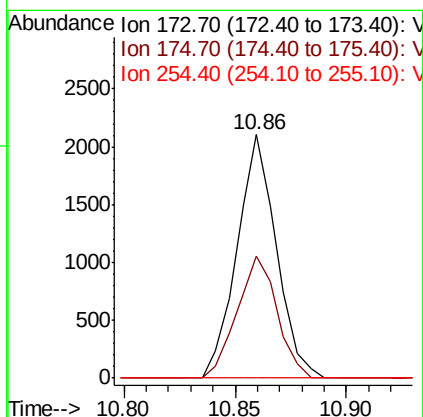
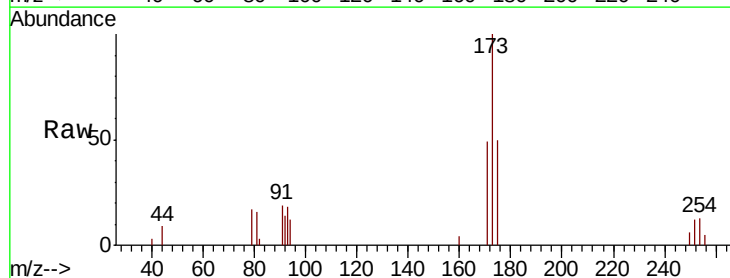
Instrument :
MSVOA_X
ClientSampled :

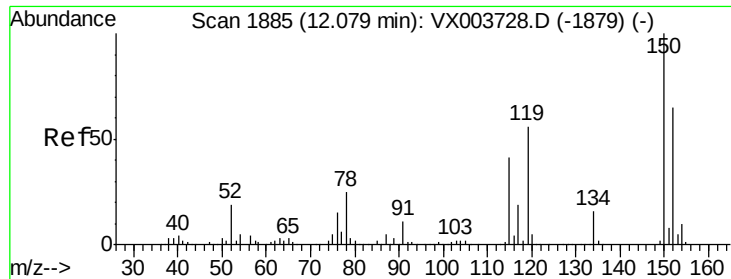
Tot Ion:104 Resp: 10552
Ion Ratio Lower Upper
104 100
78 50.6 38.2 57.2
103 58.2 44.5 66.7



#71
Bromoform
Concen: 40.00 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Tgt Ion:173 Resp: 2582
Ion Ratio Lower Upper
173 100
175 51.0 24.9 74.6
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

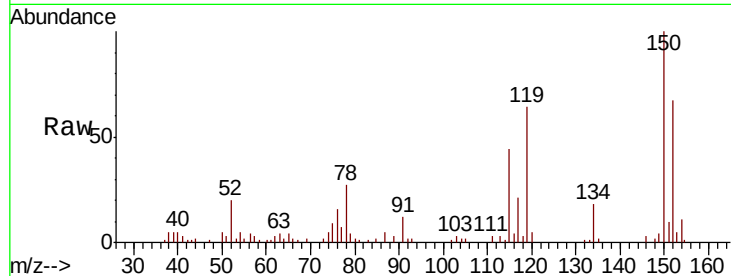
Tot Ion:152 Resp: 5494

Ion Ratio Lower Upper

152 100

115 82.6 38.5 115.3

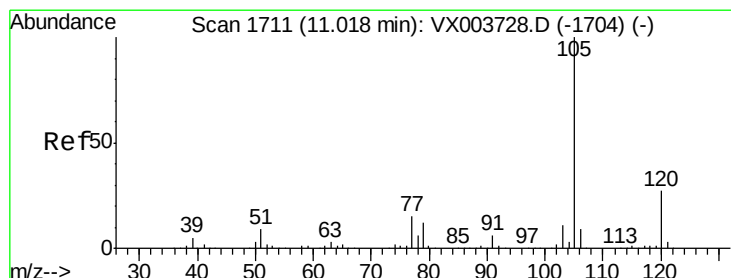
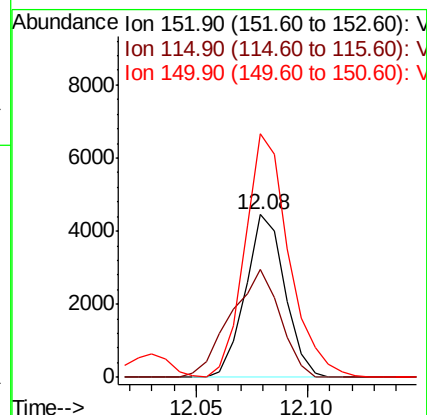
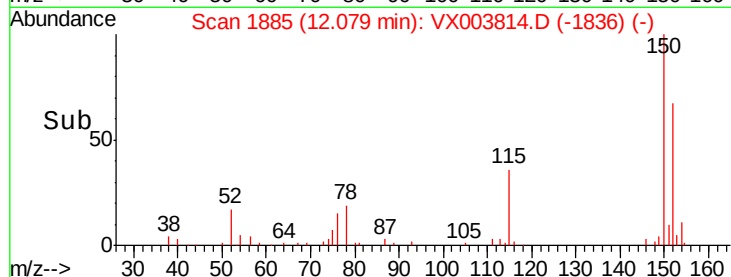
150 167.3 0.0 346.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 73.38 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003814.D

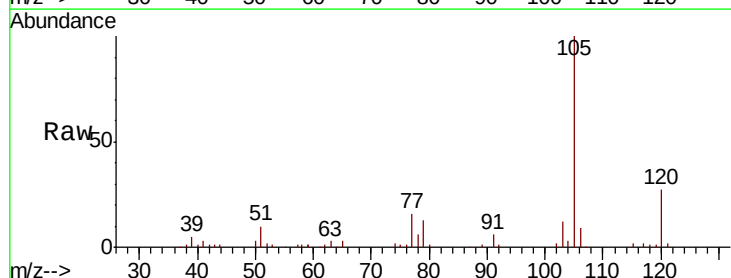
Acq: 01 Aug 2018 23:52

Tgt Ion:105 Resp: 25237

Ion Ratio Lower Upper

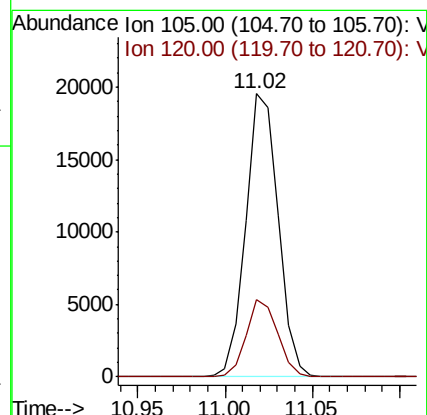
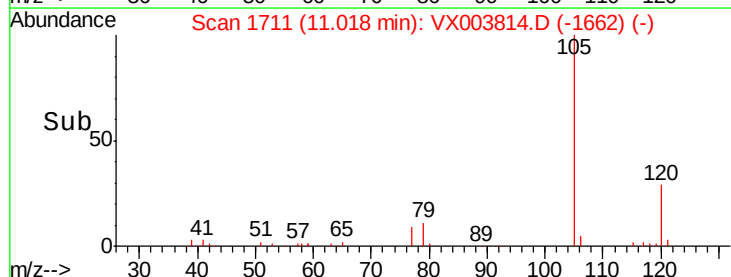
105 100

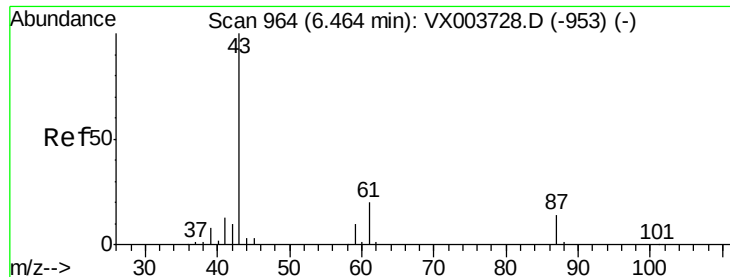
120 26.4 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 63.26 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 7712

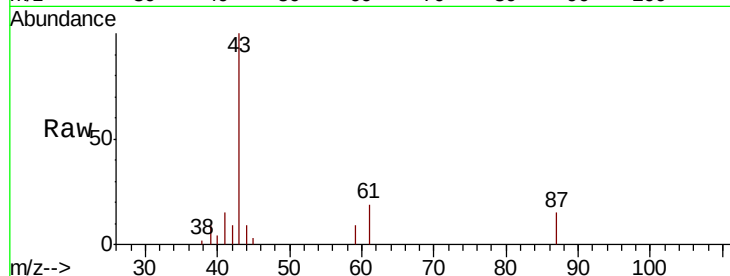
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 0.0 18.9 28.3#

61 20.5 17.8 26.8

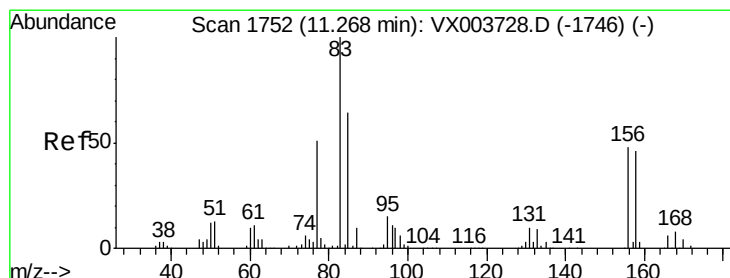
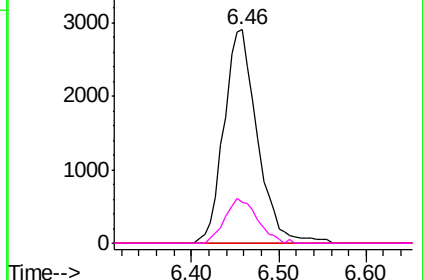
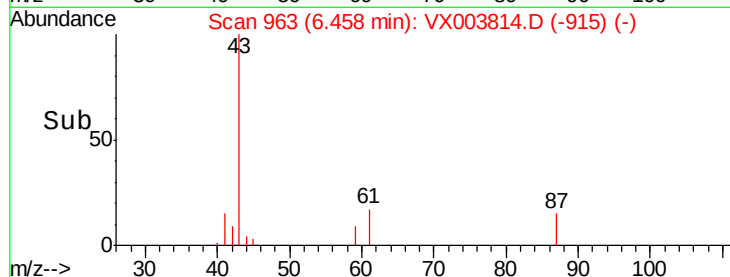


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 67.47 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

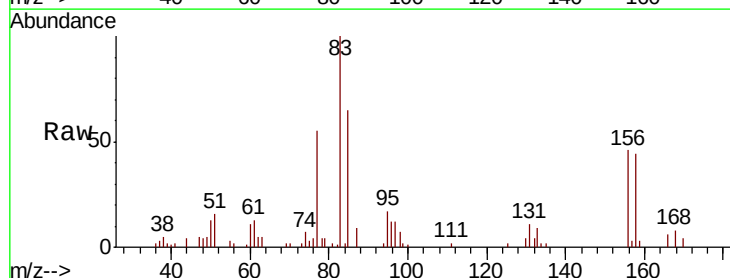
Tgt Ion: 83 Resp: 6033

Ion Ratio Lower Upper

83 100

131 11.0 5.3 15.9

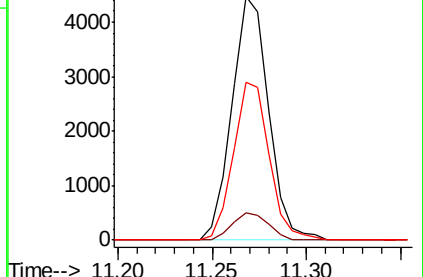
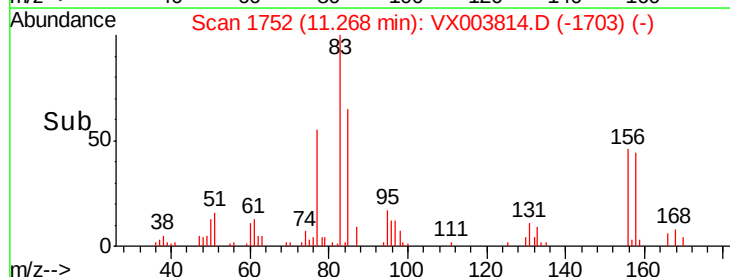
85 63.4 32.0 96.2

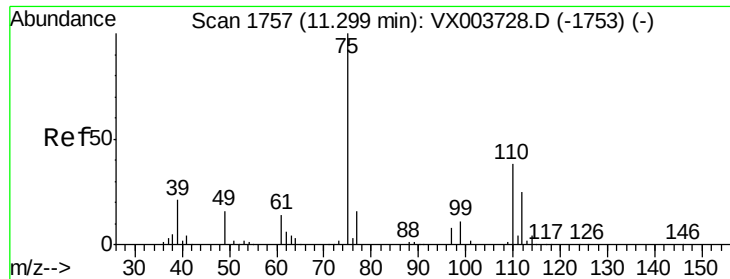


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

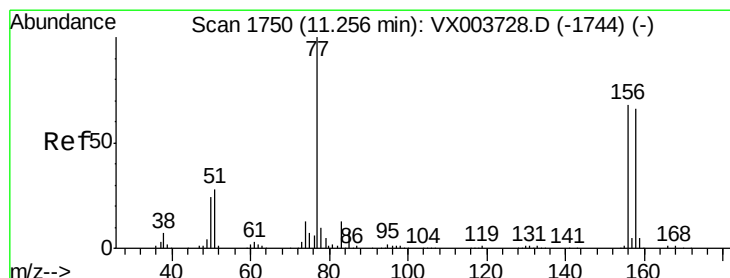
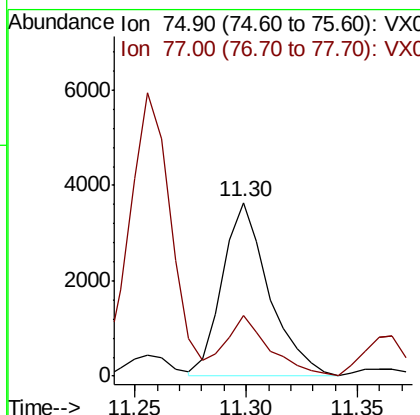
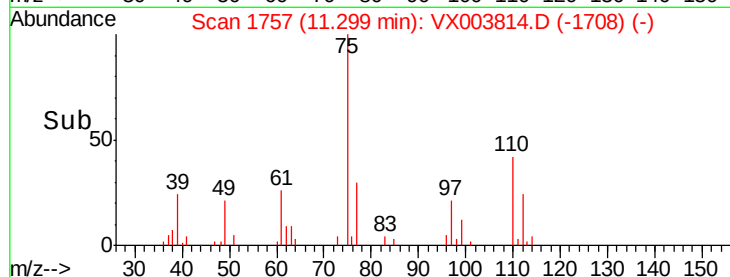
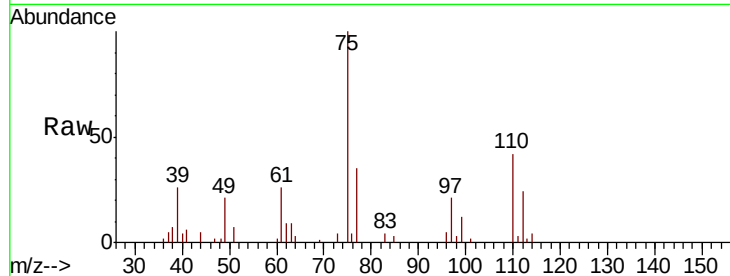




#76
1,2,3-Trichloropropane
Concen: 70.05 ug/l
RT: 11.30 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

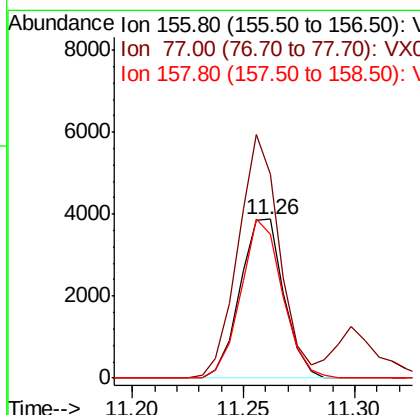
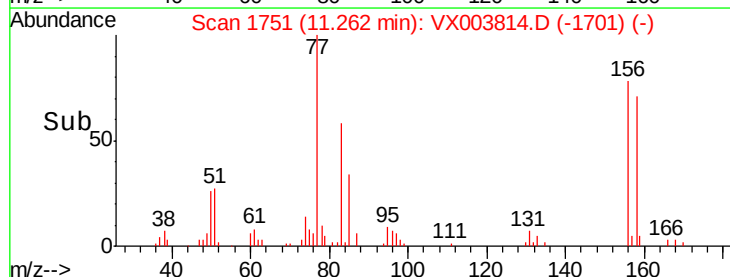
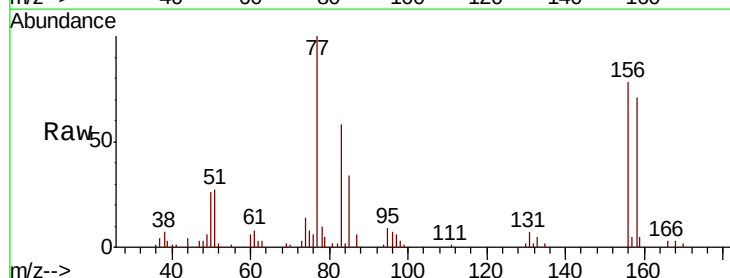
Instrument :
MSVOA_X
ClientSampled :

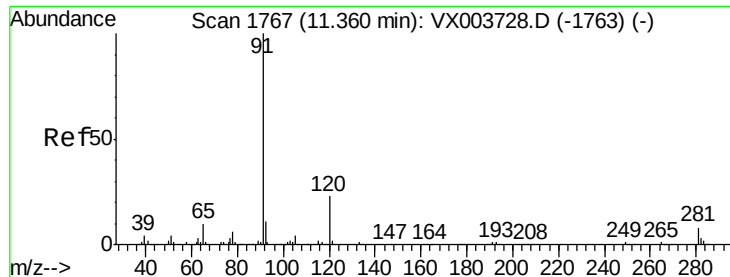
Tot Ion: 75 Resp: 5305
Ion Ratio Lower Upper
75 100
77 33.3 21.6 65.0



#77
Bromobenzene
Concen: 58.76 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.01 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Tgt Ion: 156 Resp: 5269
Ion Ratio Lower Upper
156 100
77 145.8 71.8 215.3
158 95.7 48.8 146.4





#78

n-propylbenzene

Concen: 63.40 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

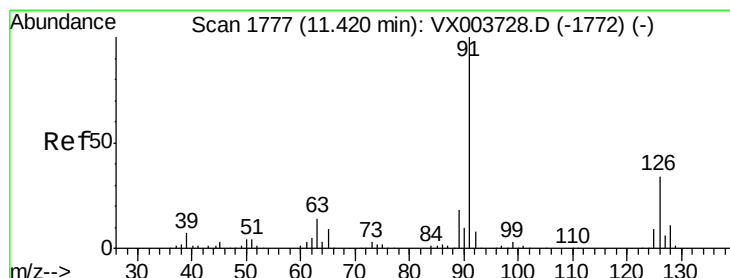
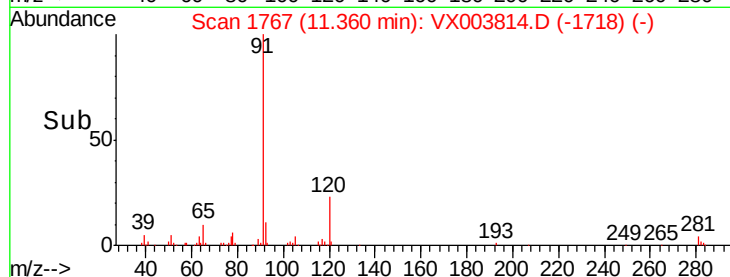
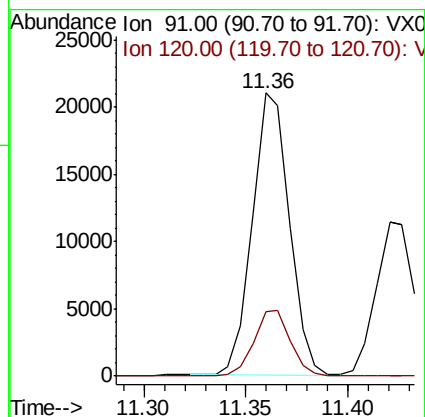
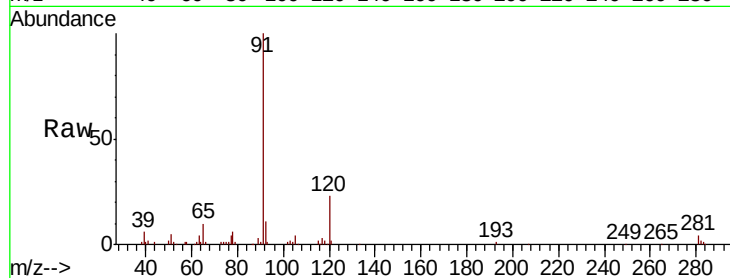
ClientSampleId :

Tot Ion: 91 Resp: 26418

Ion Ratio Lower Upper

91 100

120 23.1 11.9 35.5



#79

2-Chlorotoluene

Concen: 63.28 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX003814.D

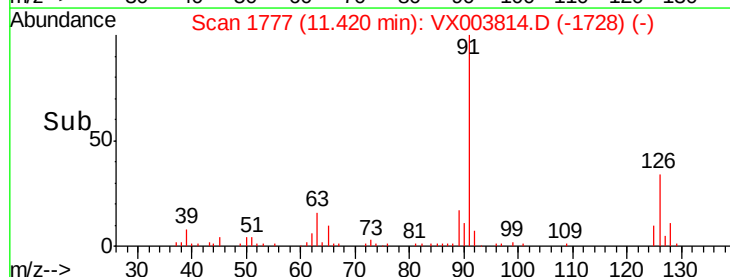
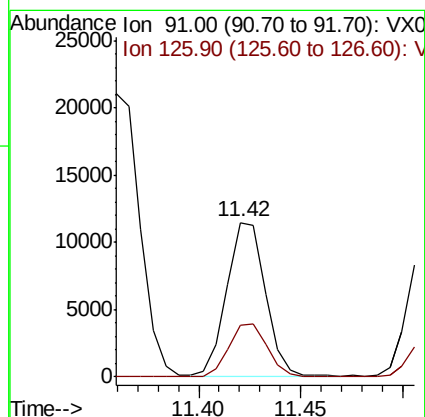
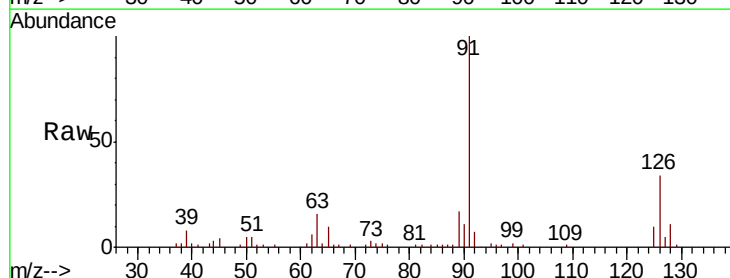
Acq: 01 Aug 2018 23:52

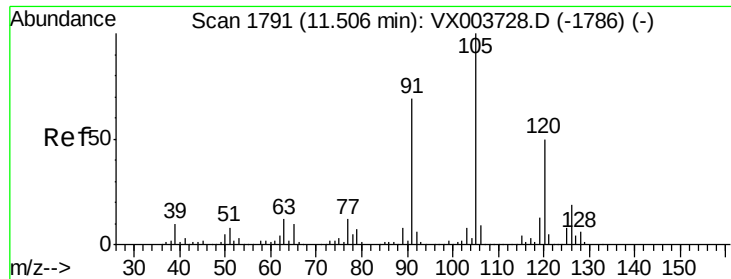
Tgt Ion: 91 Resp: 14970

Ion Ratio Lower Upper

91 100

126 34.5 17.6 52.8

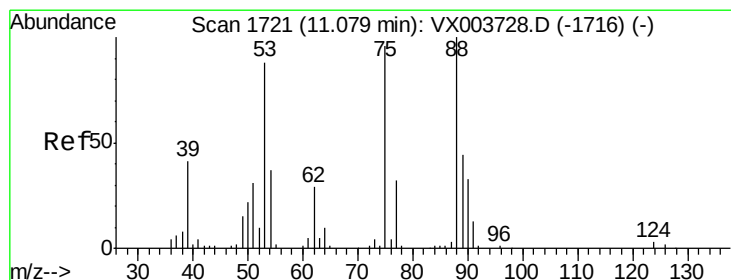
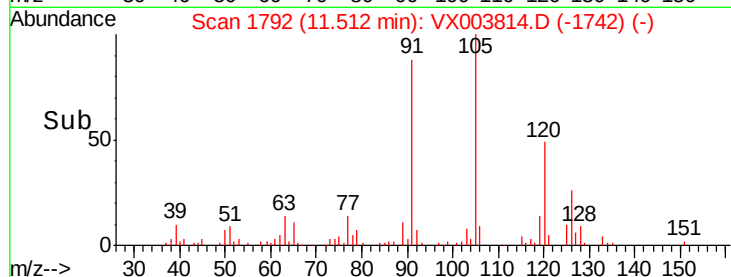
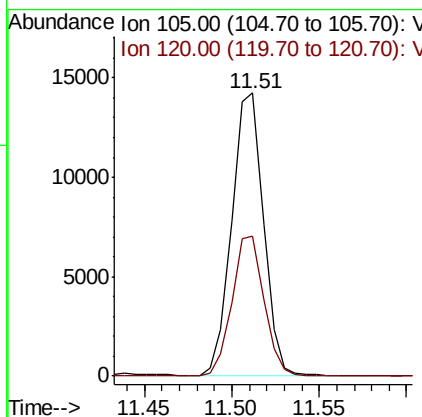
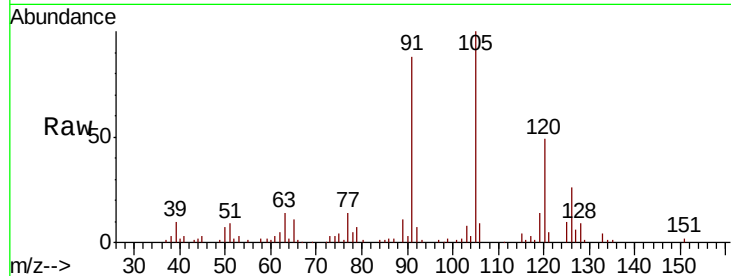




#80
 1,3,5-Trimethylbenzene
 Concen: 61.43 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

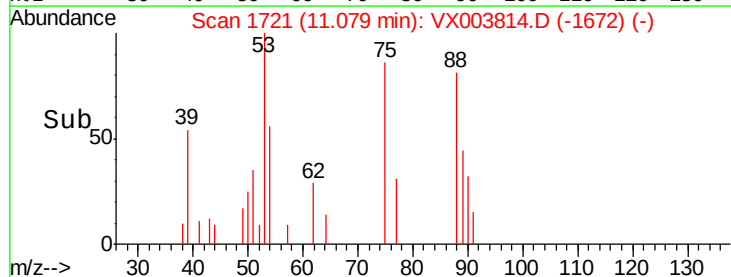
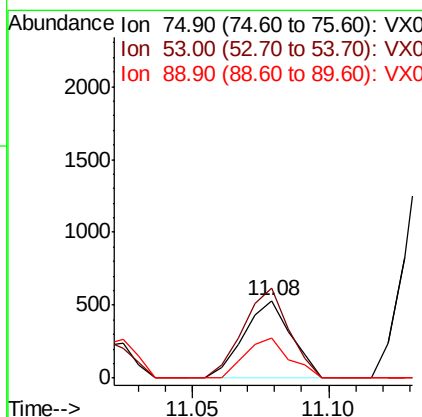
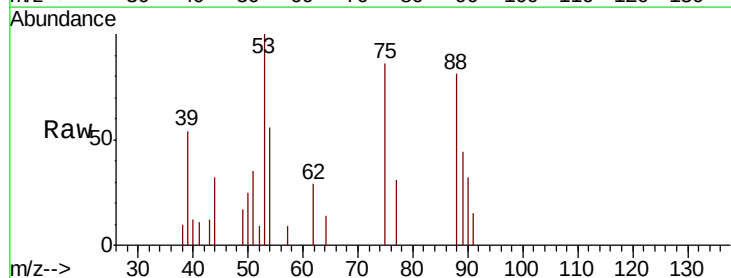
Instrument :
 MSVOA_X
 ClientSampled :

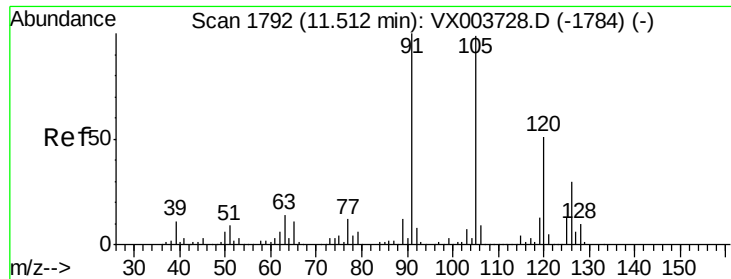
Tot Ion:105 Resp: 18034
 Ion Ratio Lower Upper
 105 100
 120 49.8 15.8 47.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 25.11 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

Tgt Ion: 75 Resp: 642
 Ion Ratio Lower Upper
 75 100
 53 112.3 75.8 113.8
 89 47.8 39.1 58.7

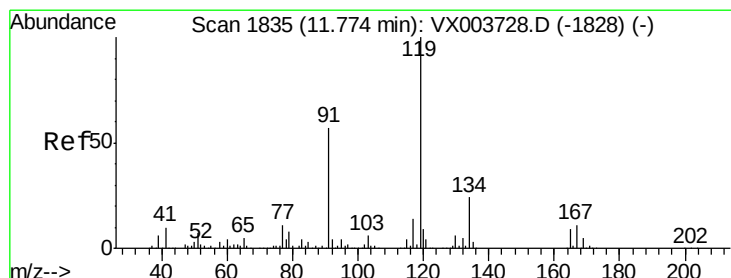
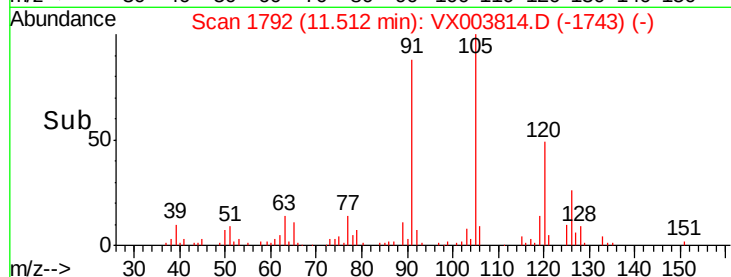
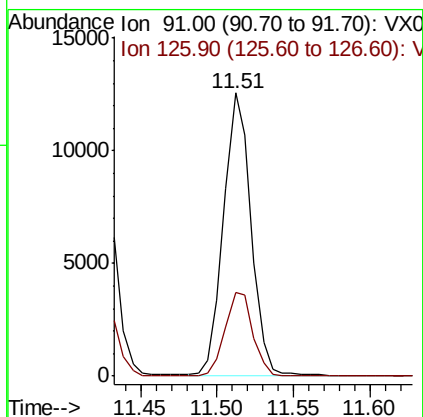
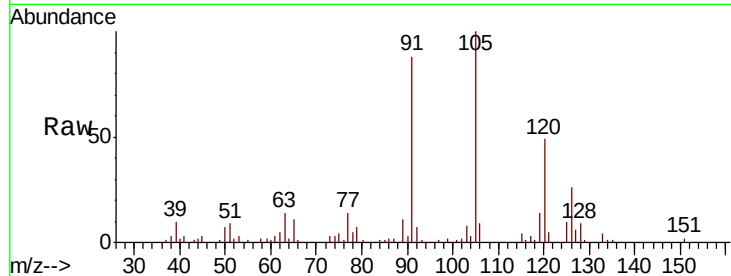




#82
4-Chlorotoluene
Concen: 55.01 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

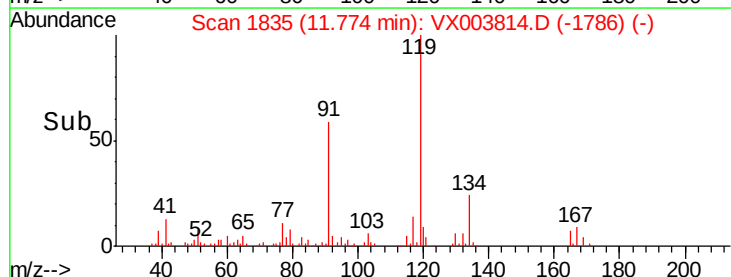
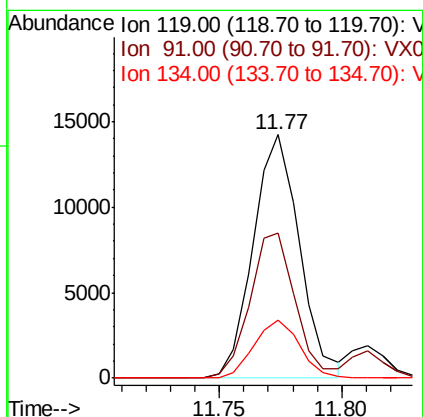
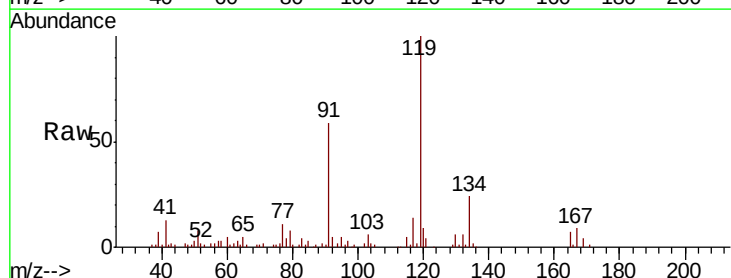
Instrument :
MSVOA_X
ClientSampled :

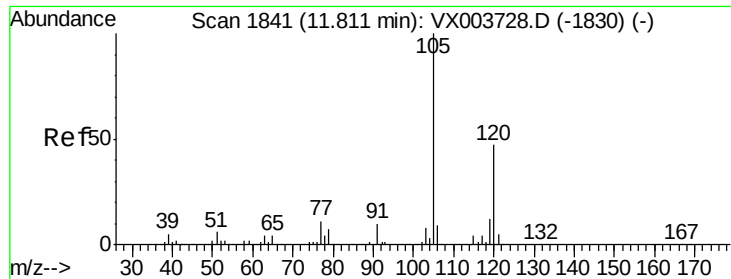
Tot Ion: 91 Resp: 15784
Ion Ratio Lower Upper
91 100
126 29.6 15.6 46.7



#83
tert-Butylbenzene
Concen: 64.52 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Tgt Ion: 119 Resp: 18733
Ion Ratio Lower Upper
119 100
91 57.3 27.2 81.6
134 23.3 11.6 34.8

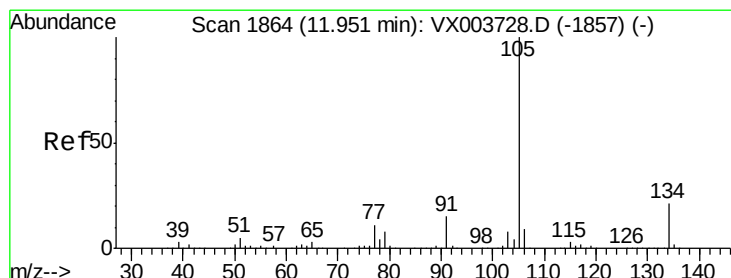
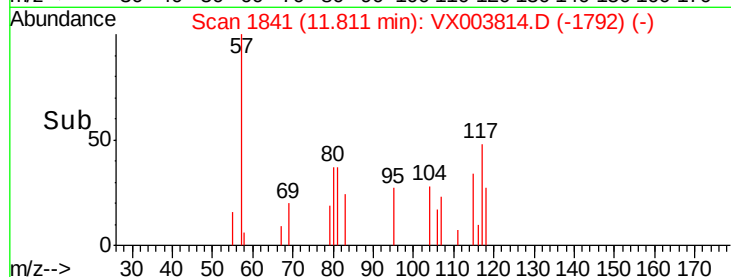
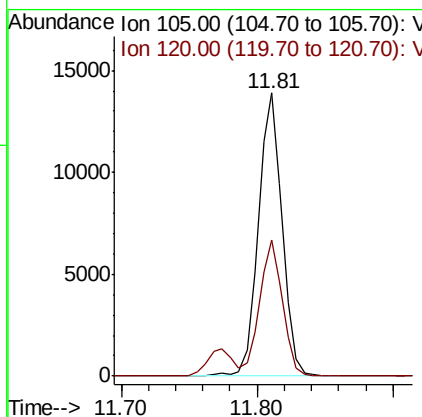
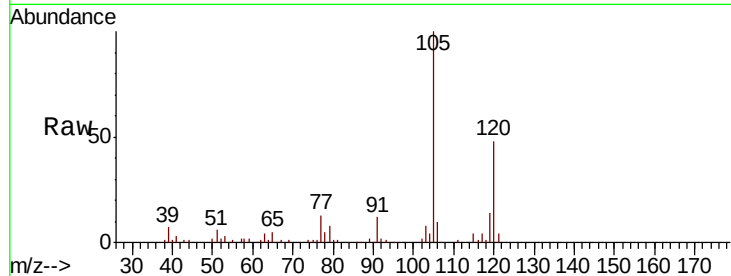




#84
 1,2,4-Trimethylbenzene
 Concen: 56.38 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

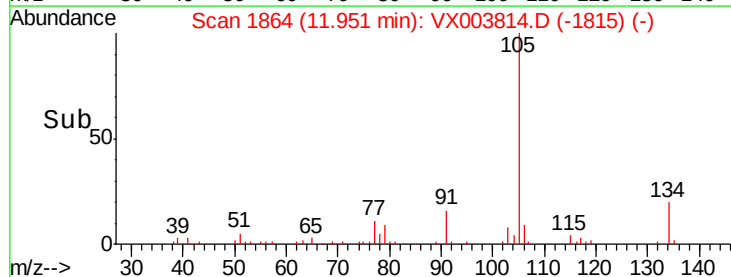
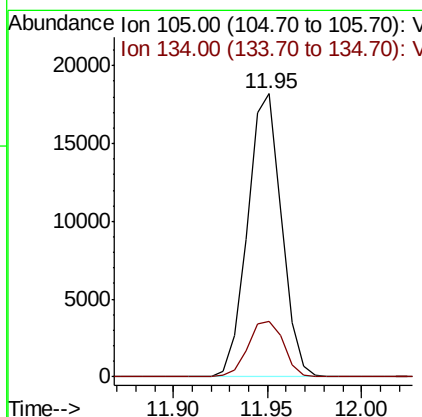
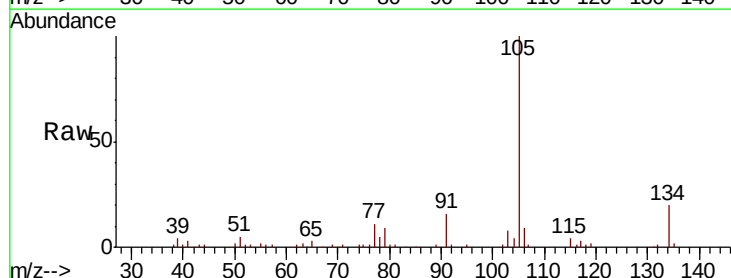
Instrument :
 MSVOA_X
 ClientSampled :

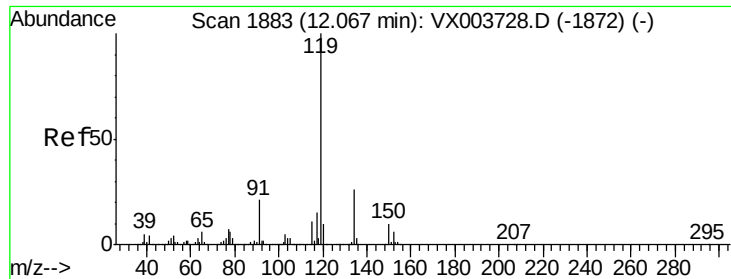
Tot Ion:105 Resp: 17038
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 61.14 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

Tgt Ion:105 Resp: 22714
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8

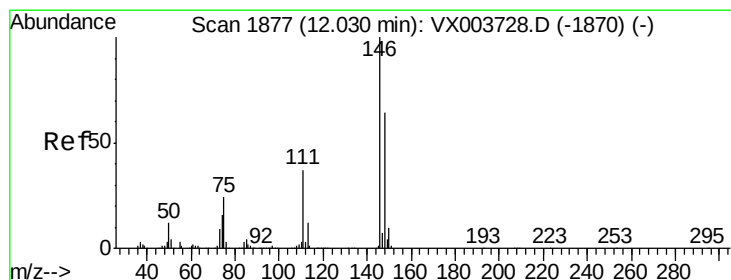
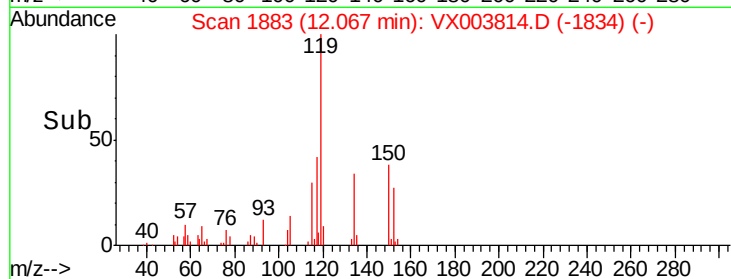
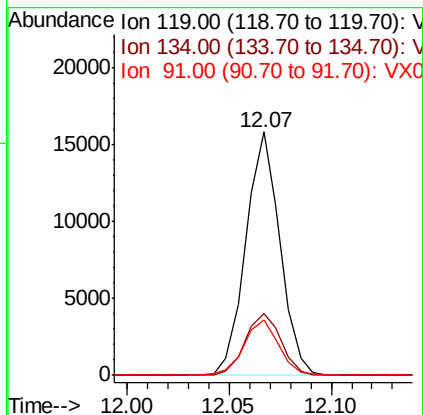
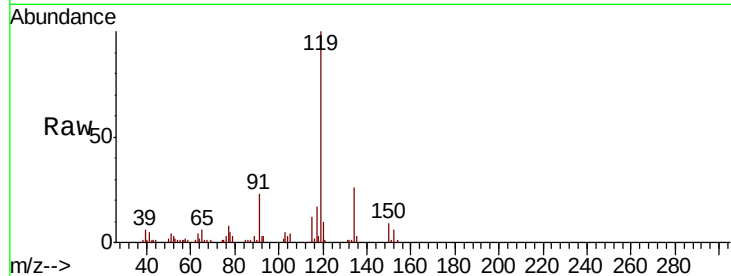




#86
 p-Isopropyltoluene
 Concen: 54.36 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

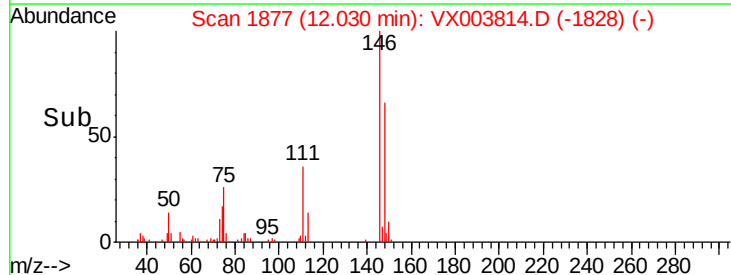
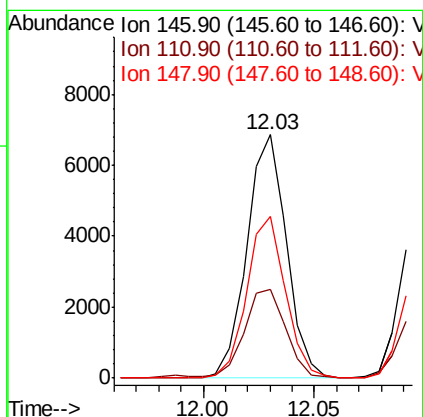
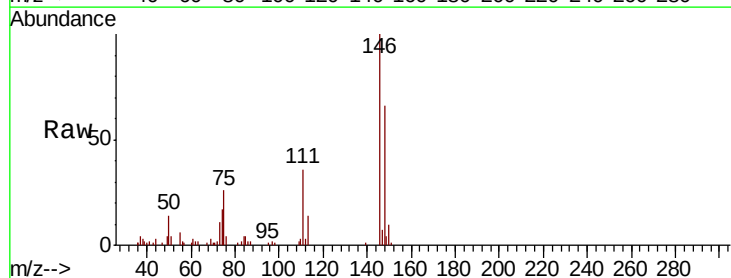
Instrument :
 MSVOA_X
 ClientSampled :

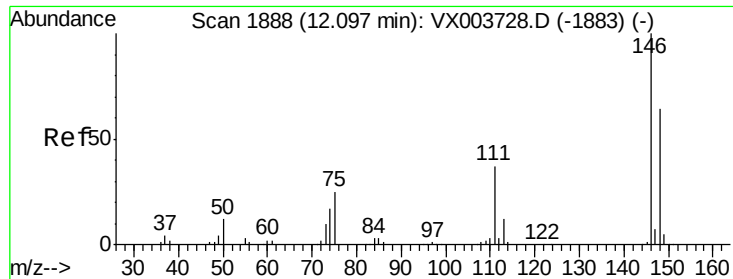
Tot Ion:119 Resp: 18353
 Ion Ratio Lower Upper
 119 100
 134 26.5 10.1 30.1
 91 23.3 23.6 70.8#



#87
 1,3-Dichlorobenzene
 Concen: 46.85 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

Tgt Ion:146 Resp: 8498
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.8 56.3
 148 64.8 31.9 95.9

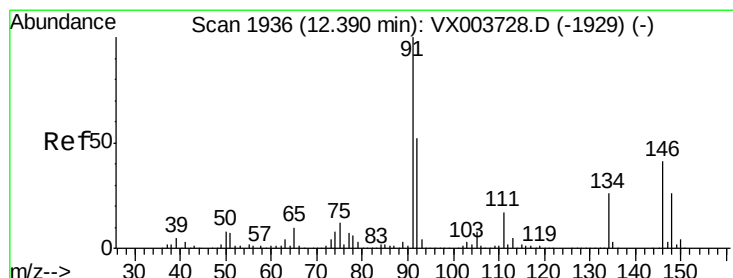
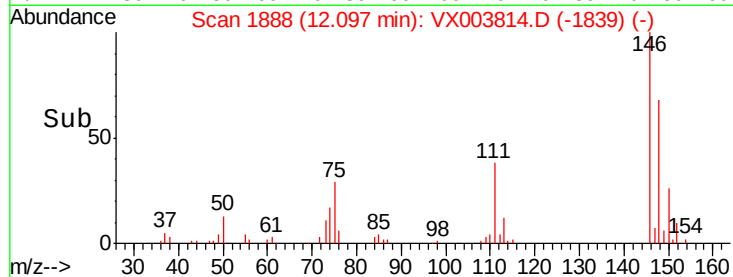
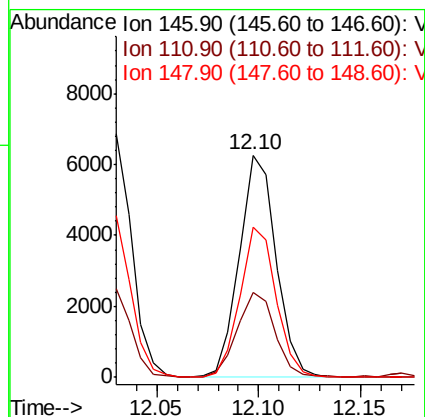
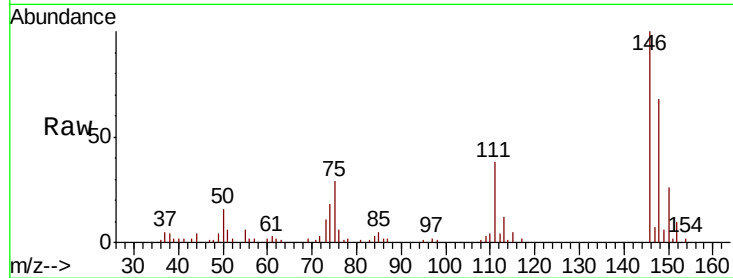




#88
 1,4-Dichlorobenzene
 Concen: 42.36 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

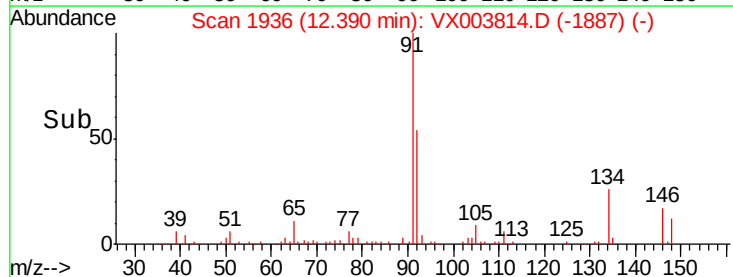
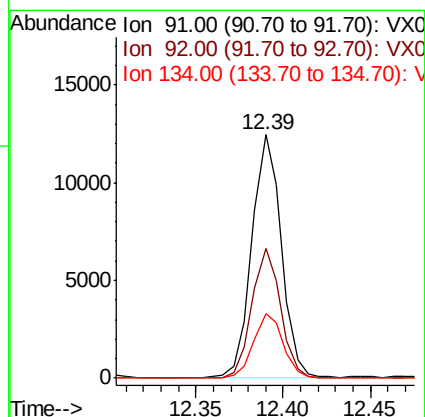
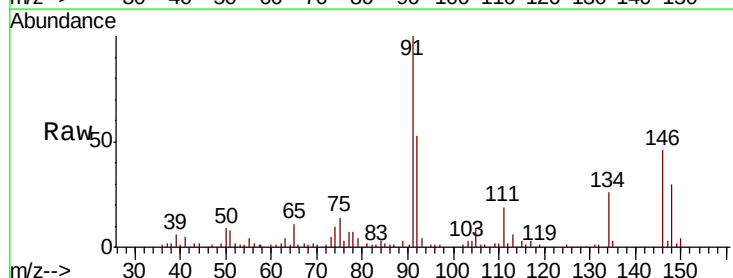
Instrument :
 MSVOA_X
 ClientSampleId :

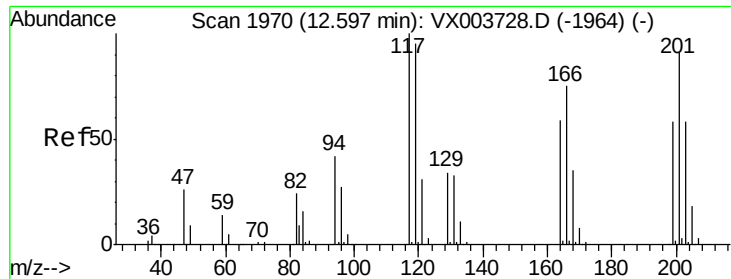
Tot Ion:146 Resp: 7839
 Ion Ratio Lower Upper
 146 100
 111 39.4 18.3 54.9
 148 66.3 32.0 96.2



#89
 n-Butylbenzene
 Concen: 45.50 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

Tgt Ion: 91 Resp: 14622
 Ion Ratio Lower Upper
 91 100
 92 51.3 26.2 78.5
 134 26.5 13.6 40.7

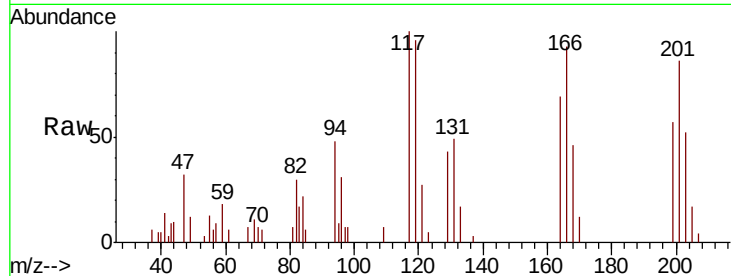




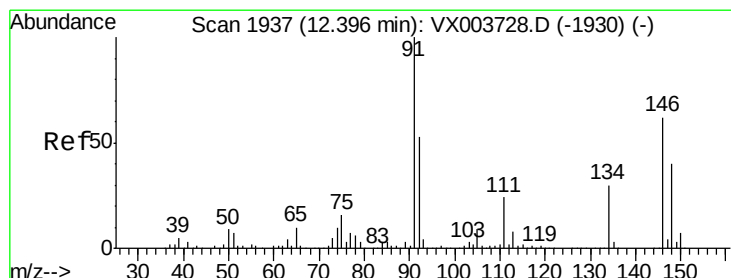
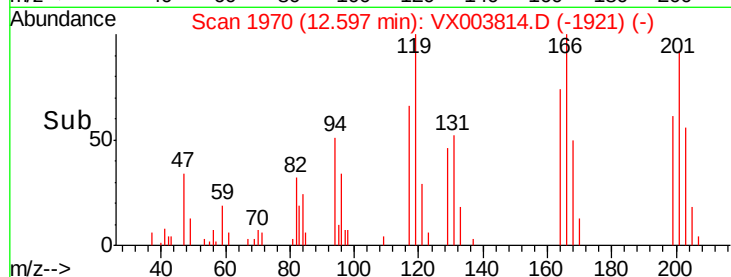
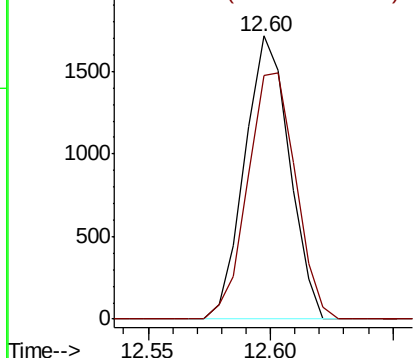
#90
Hexachloroethane
Concen: 43.32 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 2172
Ion Ratio Lower Upper
117 100
201 93.2 49.3 147.8

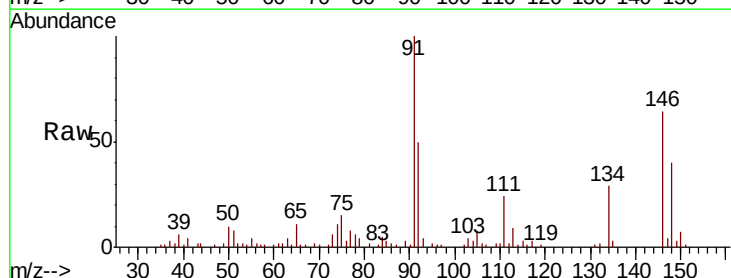


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

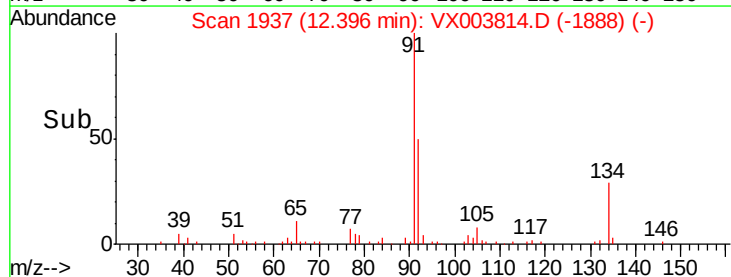
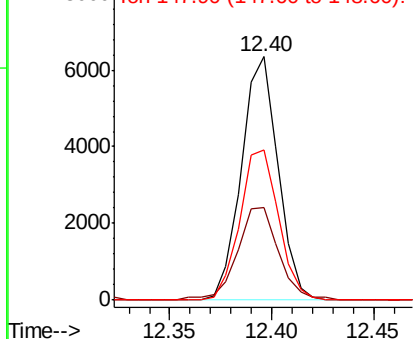


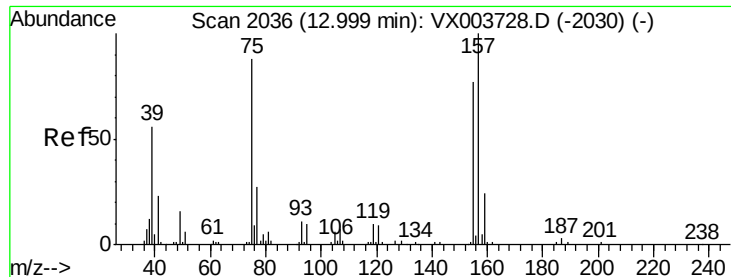
#91
1,2-Dichlorobenzene
Concen: 46.92 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003814.D
Acq: 01 Aug 2018 23:52

Tgt Ion:146 Resp: 7925
Ion Ratio Lower Upper
146 100
111 42.9 19.4 58.4
148 65.5 32.0 96.0



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





#92

1,2-Dibromo-3-Chloropropane

Concen: 34.44 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

ClientSampled :

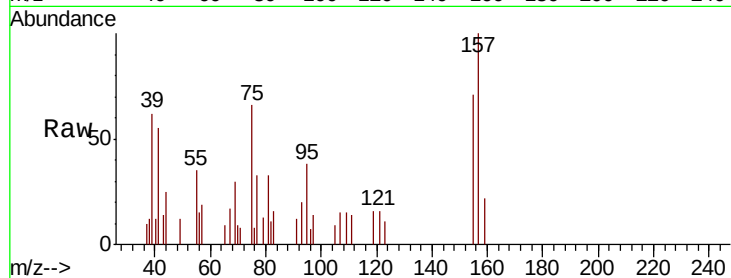
Tot Ion: 75 Resp: 611

Ion Ratio Lower Upper

75 100

155 110.1 48.9 146.7

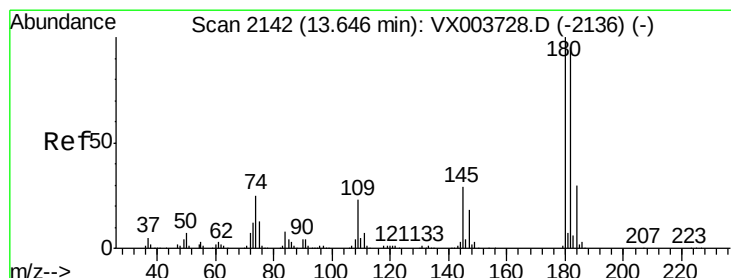
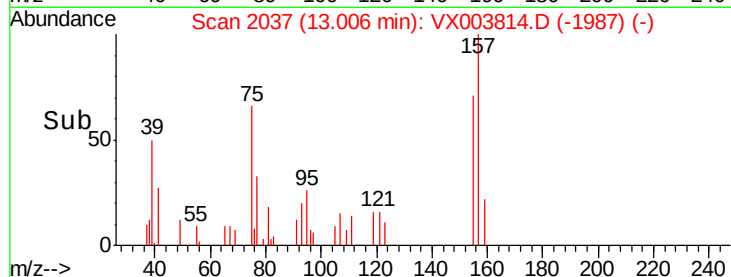
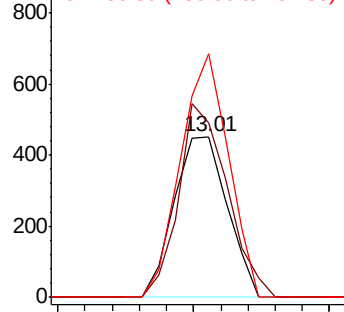
157 136.7 63.7 191.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 14.75 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

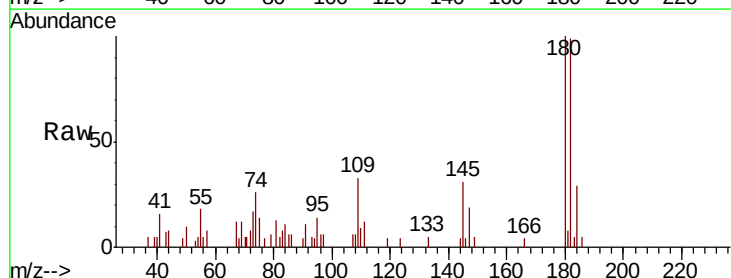
Tgt Ion:180 Resp: 1976

Ion Ratio Lower Upper

180 100

182 90.7 47.6 142.9

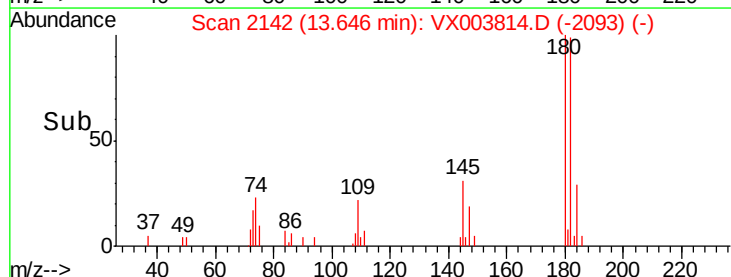
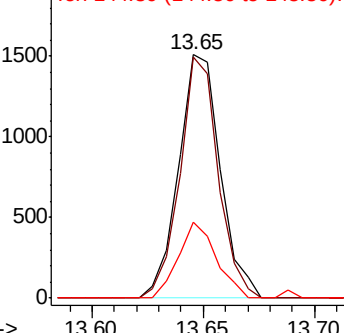
145 28.1 14.1 42.2

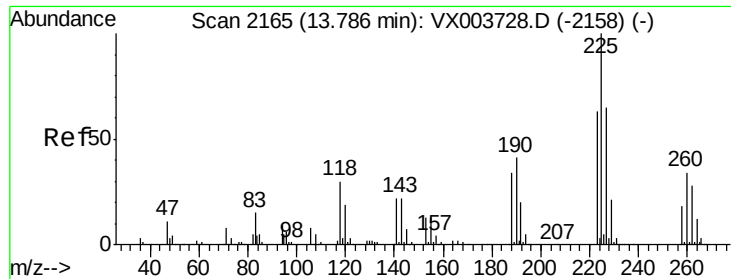


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 19.02 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

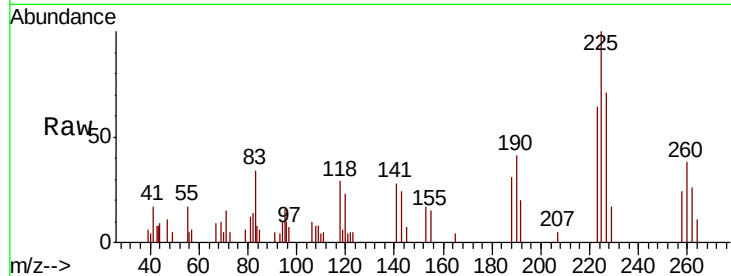
Tot Ion:225 Resp: 1630

Ion Ratio Lower Upper

225 100

223 61.3 31.1 93.5

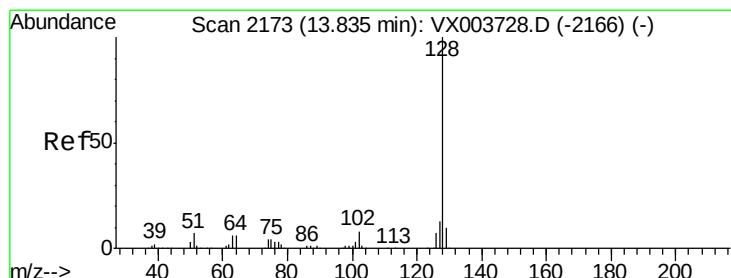
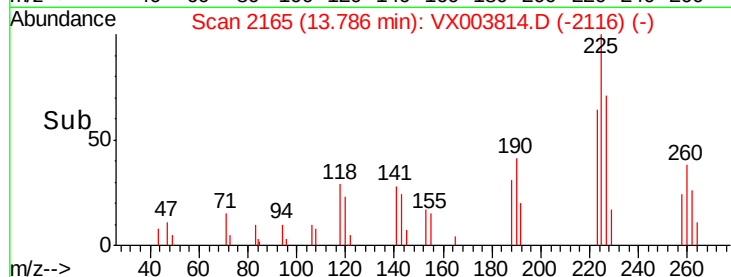
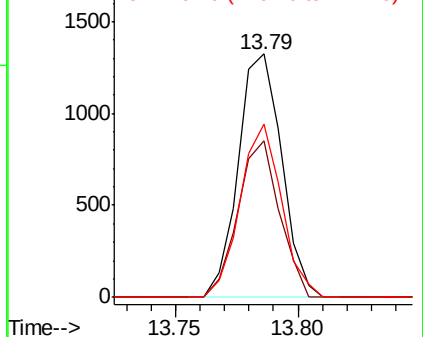
227 68.2 31.9 95.9



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: 21.20 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX003814.D

Acq: 01 Aug 2018 23:52

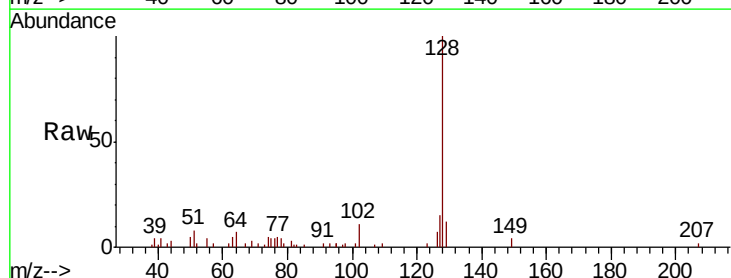
Tgt Ion:128 Resp: 6072

Ion Ratio Lower Upper

128 100

127 14.4 10.2 15.2

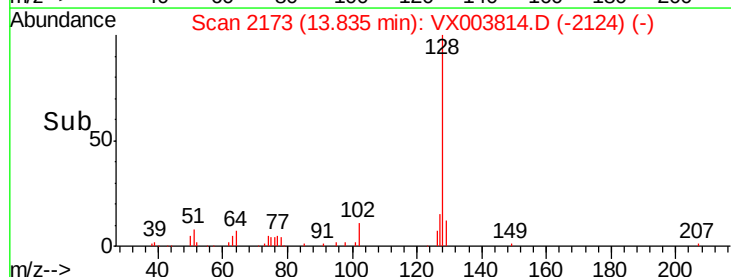
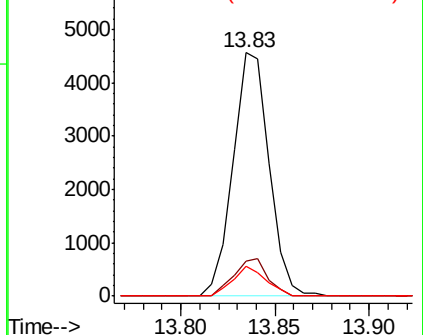
129 11.1 8.7 13.1

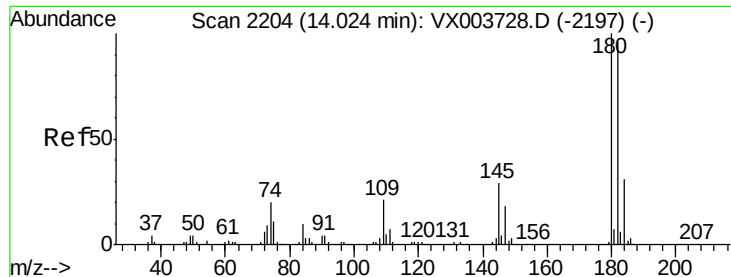


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 11.22 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003814.D
 Acq: 01 Aug 2018 23:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	180	Resp:	1365
Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.9	143.8
145	36.3	14.7	44.1

