

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112018\
 Data File : VX006105.D
 Acq On : 20 Nov 2018 17:14
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Nov 21 07:56:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 07:49:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	271806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	391267	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	367937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187427	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	4020	1.28	ug/l	0.00
Spiked Amount			Recovery	=	2.56%	
35) Dibromofluoromethane	5.49	113	3061	1.22	ug/l	0.00
Spiked Amount			Recovery	=	2.44%	
50) Toluene-d8	8.71	98	9231	0.96	ug/l	0.00
Spiked Amount			Recovery	=	1.92%	
62) 4-Bromofluorobenzene	11.14	95	2982	0.83	ug/l	0.00
Spiked Amount			Recovery	=	1.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	2230	1.104	ug/l	91
3) Chloromethane	1.32	50	2773	1.087	ug/l	99
4) Vinyl Chloride	1.40	62	2981	1.149	ug/l	95
5) Bromomethane	1.64	94	1427	0.793	ug/l	84
6) Chloroethane	1.73	64	1734	1.084	ug/l	98
7) Trichlorofluoromethane	1.93	101	3567	1.051	ug/l	98
8) Diethyl Ether	2.19	74	1855	1.293	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2305	1.145	ug/l #	92
10) Methyl Iodide	2.51	142	2347	0.930	ug/l #	96
11) Tert butyl alcohol	3.06	59	4172	6.227	ug/l #	93
12) 1,1-Dichloroethene	2.38	96	2410	1.228	ug/l	90
13) Acrolein	2.29	56	2102	5.243	ug/l	97
14) Allyl chloride	2.73	41	4776	1.189	ug/l	93
15) Acrylonitrile	3.14	53	8118	5.486	ug/l	96
16) Acetone	2.44	43	9059	6.482	ug/l	98
17) Carbon Disulfide	2.57	76	5719	1.079	ug/l #	81
18) Methyl Acetate	2.78	43	3656	1.020	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	7649	1.128	ug/l	96
20) Methylene Chloride	2.85	84	3072	1.334	ug/l #	76
21) trans-1,2-Dichloroethene	3.17	96	2123	1.034	ug/l	84
22) Diisopropyl ether	3.86	45	8253	0.960	ug/l #	81
23) Vinyl Acetate	3.82	43	33926	4.757	ug/l	98
24) 1,1-Dichloroethane	3.70	63	4575	1.130	ug/l #	94
25) 2-Butanone	4.69	43	14295	5.511	ug/l	96
26) 2,2-Dichloropropane	4.59	77	3752	1.124	ug/l	91
27) cis-1,2-Dichloroethene	4.59	96	3307	1.152	ug/l	90
28) Bromochloromethane	5.01	49	2678	1.135	ug/l	94
29) Tetrahydrofuran	5.16	42	7783	4.809	ug/l #	83
30) Chloroform	5.21	83	5731	1.168	ug/l	96
31) Cyclohexane	5.57	56	4608	1.089	ug/l #	93
32) 1,1,1-Trichloroethane	5.50	97	4092	1.033	ug/l #	47
36) 1,1-Dichloropropene	5.80	75	4094	1.150	ug/l #	94
37) Ethyl Acetate	4.85	43	5318	1.161	ug/l #	88
38) Carbon Tetrachloride	5.79	117	3317	0.991	ug/l #	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	4255	1.049	ug/l	90
40) Benzene	6.14	78	11084	1.057	ug/l	95
41) Methacrylonitrile	5.06	41	2512	0.995	ug/l #	77
42) 1,2-Dichloroethane	6.20	62	4586	1.170	ug/l	92
43) Isopropyl Acetate	6.46	43	6620	1.001	ug/l #	96
44) Trichloroethene	7.21	130	3021	1.036	ug/l	97
45) 1,2-Dichloropropane	7.52	63	2845	1.025	ug/l	91
46) Dibromomethane	7.66	93	2167	1.140	ug/l	91
47) Bromodichloromethane	7.90	83	3884	1.105	ug/l #	97
48) Methyl methacrylate	7.78	41	2850	0.850	ug/l	88
49) 1,4-Dioxane	7.76	88	1521	19.113	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	19608	4.136	ug/l	98
52) Toluene	8.78	92	6067	0.935	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	3473	0.947	ug/l	93
54) cis-1,3-Dichloropropene	8.43	75	3835	0.946	ug/l	92
55) 1,1,2-Trichloroethane	9.22	97	3132	1.115	ug/l	90
56) Ethyl methacrylate	9.18	69	3114	0.807	ug/l	96
57) 1,3-Dichloropropane	9.37	76	4940	1.067	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.31	63	7865	3.548	ug/l	90
59) 2-Hexanone	9.49	43	15170	4.032	ug/l	93
60) Dibromochloromethane	9.59	129	2696	0.979	ug/l	99
61) 1,2-Dibromoethane	9.68	107	2902	1.003	ug/l	96
64) Tetrachloroethene	9.34	164	3073	1.015	ug/l	90
65) Chlorobenzene	10.14	112	7494	0.993	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	2583	0.997	ug/l #	62
67) Ethyl Benzene	10.25	91	10911	0.883	ug/l	96
68) m/p-Xylenes	10.36	106	8535	1.774	ug/l	89
69) o-Xylene	10.70	106	3869	0.842	ug/l	96
70) Styrene	10.71	104	5700	0.761	ug/l	92
71) Bromoform	10.86	173	2334	1.006	ug/l #	91
73) Isopropylbenzene	11.02	105	9505	0.838	ug/l	96
74) N-amyl acetate	10.90	43	4117	0.800	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	4728	1.106	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	5049	1.308	ug/l	93
77) Bromobenzene	11.26	156	3177	1.000	ug/l	98
78) n-propylbenzene	11.36	91	11015	0.834	ug/l	99
79) 2-Chlorotoluene	11.42	91	7282	0.911	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	7596	0.794	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	1051	0.921	ug/l #	62
82) 4-Chlorotoluene	11.51	91	7701	0.826	ug/l	89
83) tert-Butylbenzene	11.77	119	7457	0.799	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	7345	0.753	ug/l	99
85) sec-Butylbenzene	11.94	105	8774	0.768	ug/l	95
86) p-Isopropyltoluene	12.07	119	7882	0.774	ug/l	88
87) 1,3-Dichlorobenzene	12.02	146	5741	0.980	ug/l	96
88) 1,4-Dichlorobenzene	12.02	146	5741	0.945	ug/l	96
89) n-Butylbenzene	12.39	91	7569	0.821	ug/l	95
90) Hexachloroethane	12.60	117	1523	0.938	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	6144	1.026	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1034	1.043	ug/l	92

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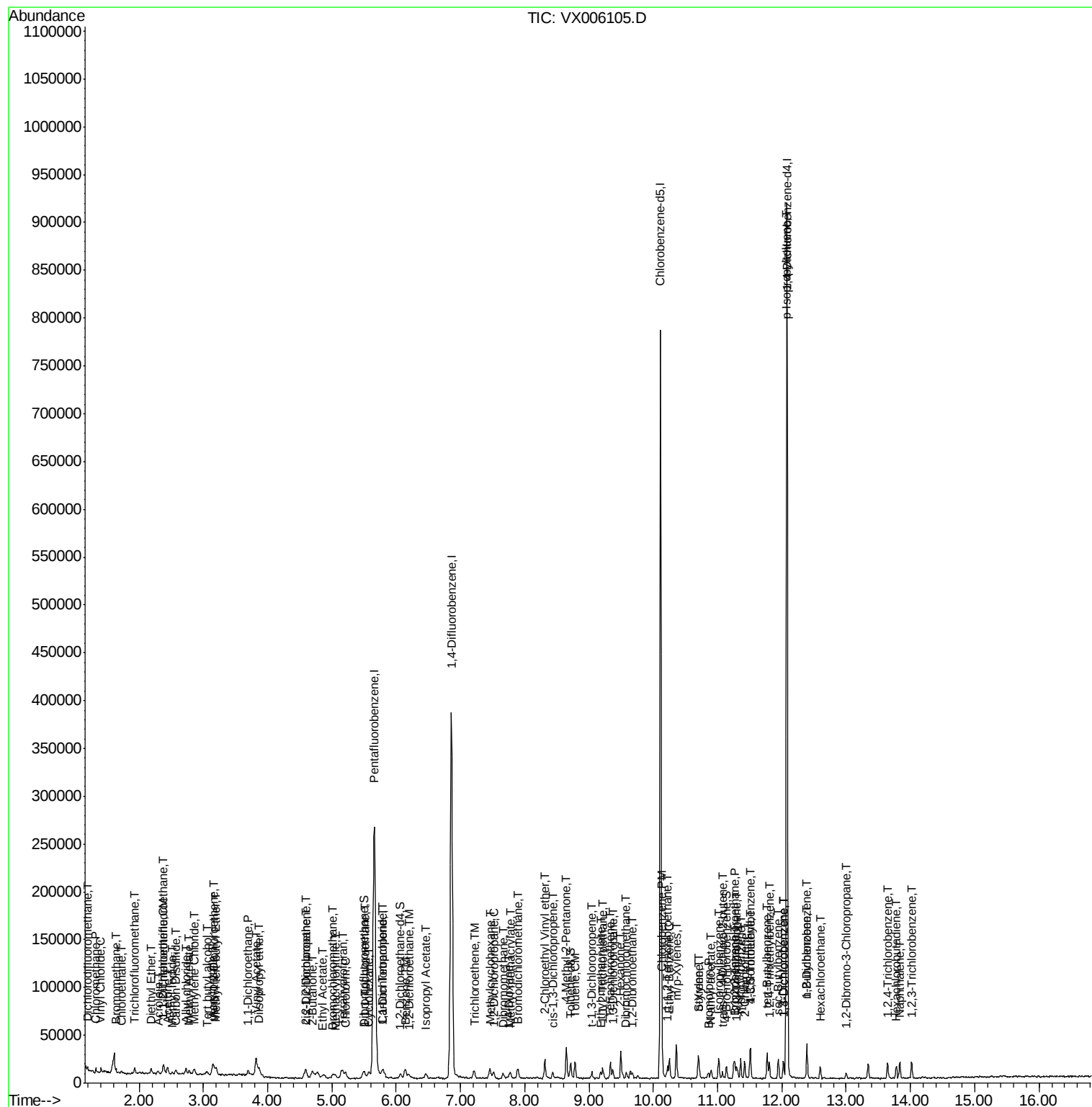
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	3876	0.919	ug/l	93
94) Hexachlorobutadiene	13.78	225	2203	1.071	ug/l	91
95) Naphthalene	13.83	128	9748	0.786	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.02	180	4021	0.935	ug/l	96

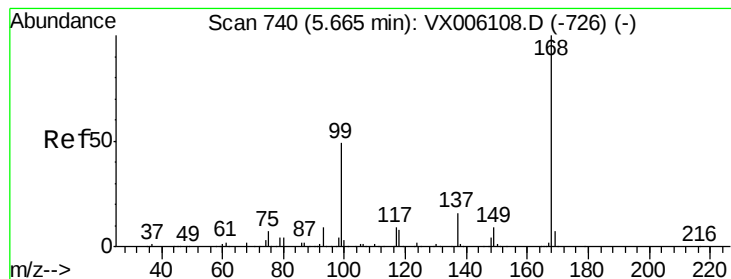
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

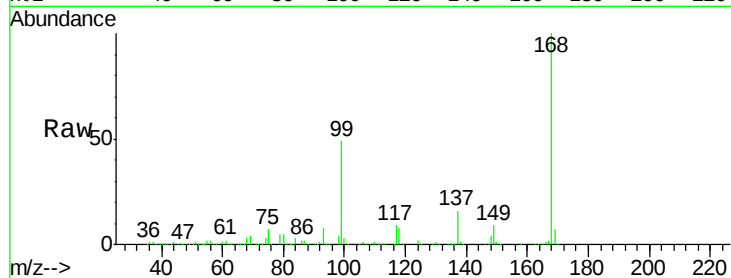
VSTDIC001

Tgt Ion:168 Resp: 271806

Ion Ratio Lower Upper

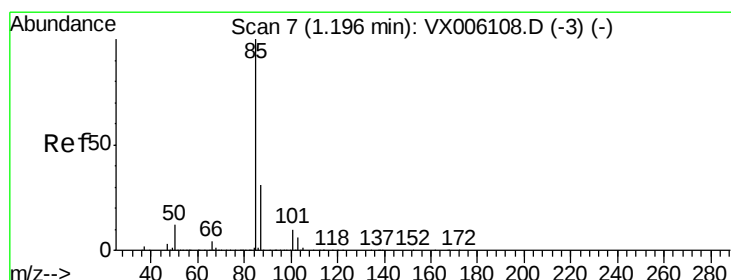
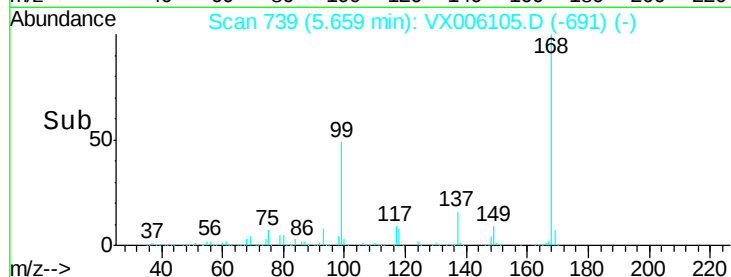
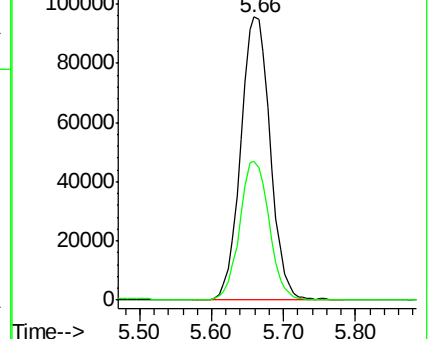
168 100

99 49.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.104 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006105.D

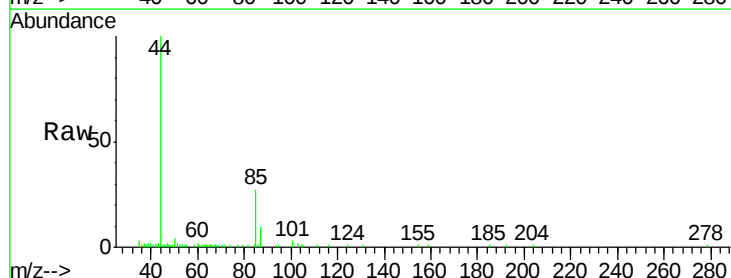
Acq: 20 Nov 2018 17:14

Tgt Ion: 85 Resp: 2230

Ion Ratio Lower Upper

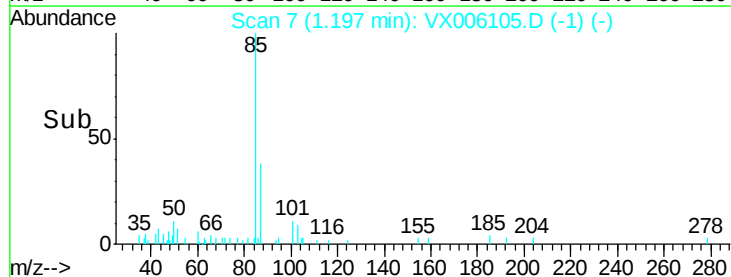
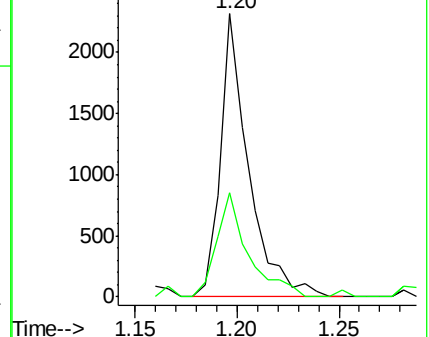
85 100

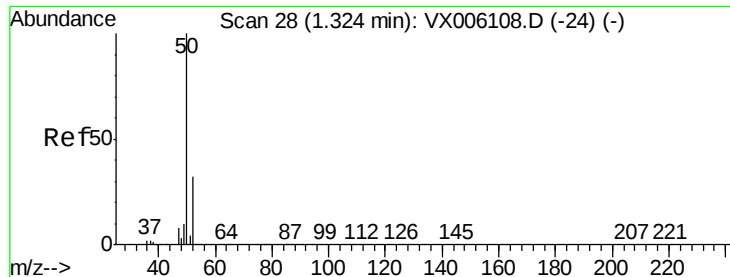
87 36.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.087 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

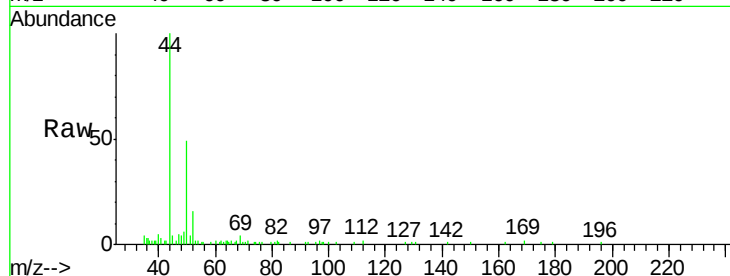
VSTDIC001

Tgt Ion: 50 Resp: 2773

Ion Ratio Lower Upper

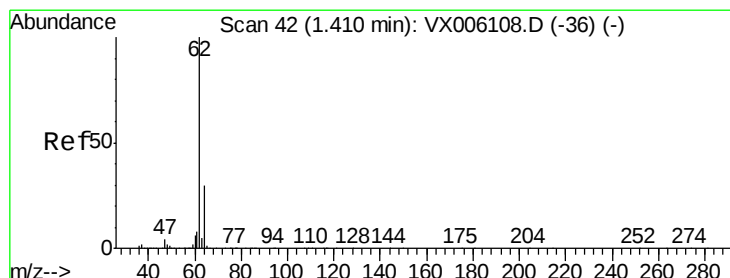
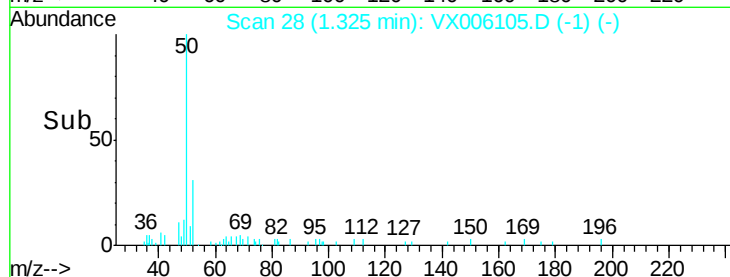
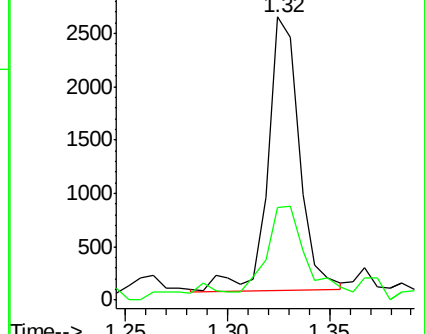
50 100

52 31.5 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.149 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX006105.D

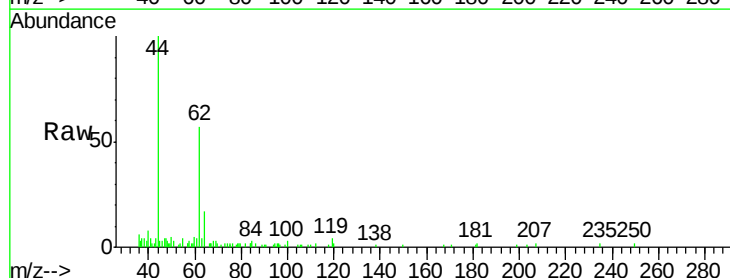
Acq: 20 Nov 2018 17:14

Tgt Ion: 62 Resp: 2981

Ion Ratio Lower Upper

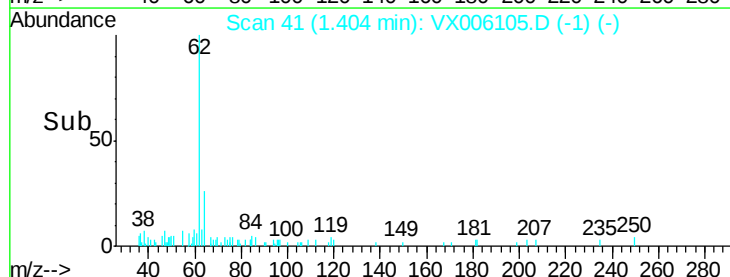
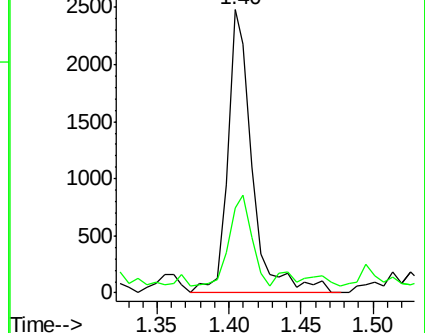
62 100

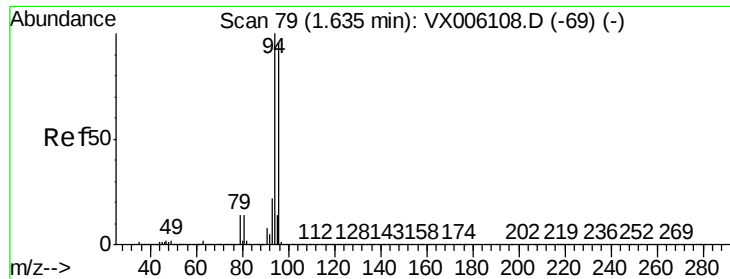
64 27.8 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.793 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

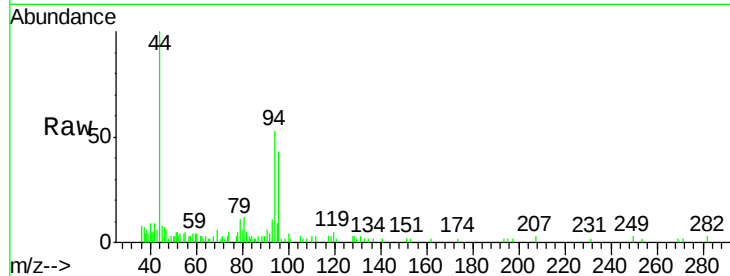
VSTDIC001

Tgt Ion: 94 Resp: 1427

Ion Ratio Lower Upper

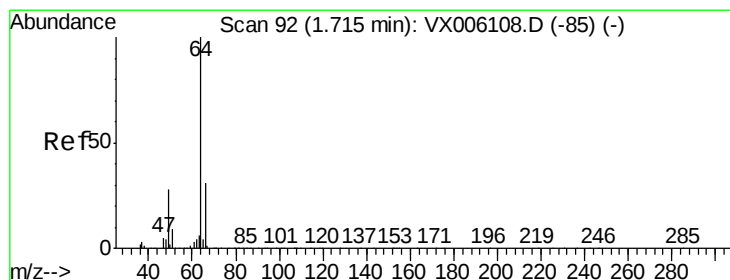
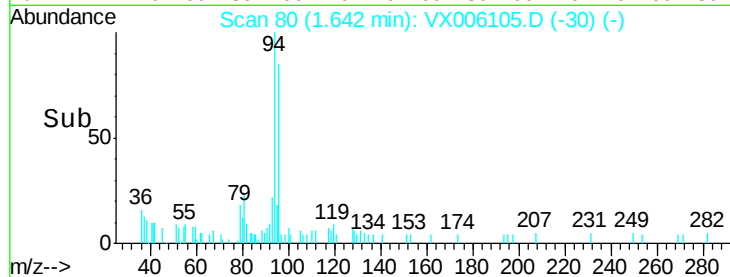
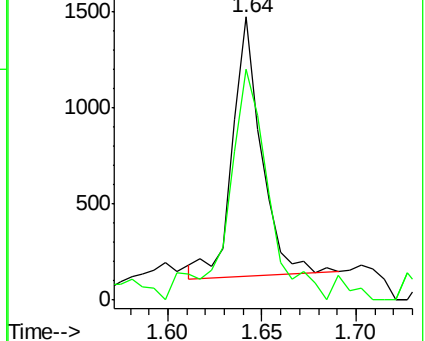
94 100

96 80.7 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.084 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006105.D

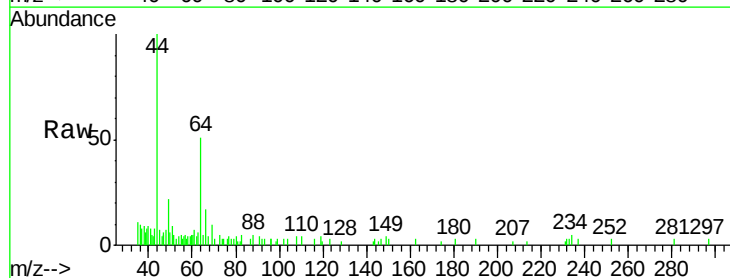
Acq: 20 Nov 2018 17:14

Tgt Ion: 64 Resp: 1734

Ion Ratio Lower Upper

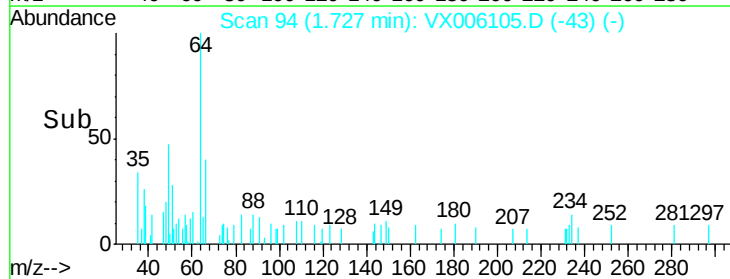
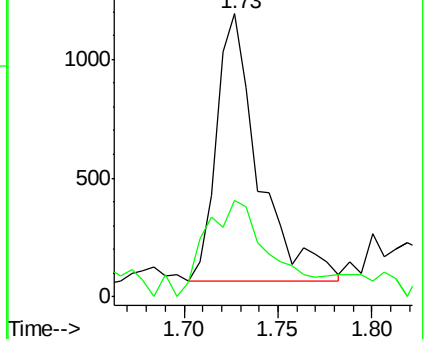
64 100

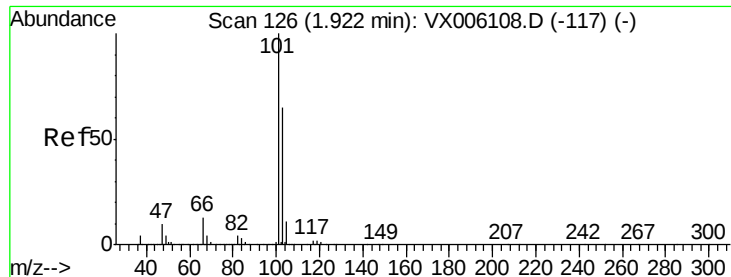
66 30.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



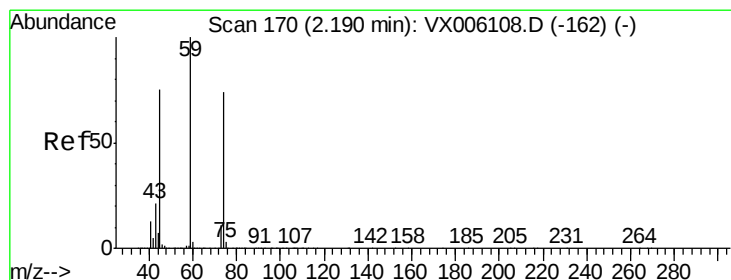
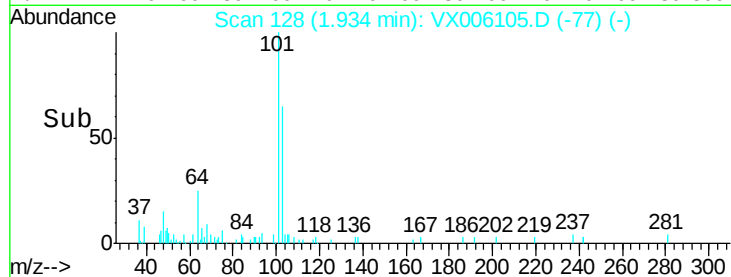
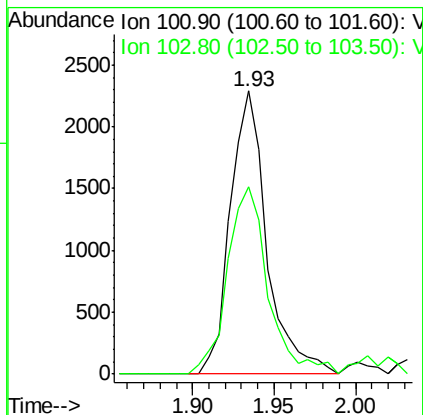
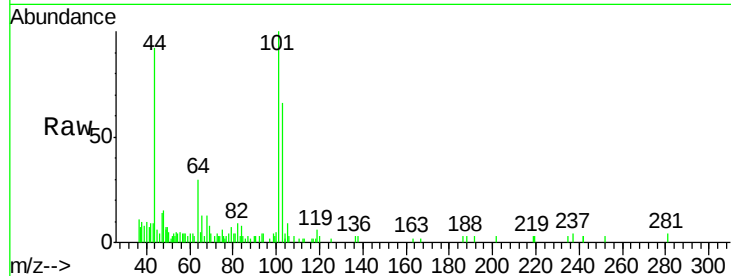


#7

Trichlorofluoromethane
 Concen: 1.051 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX006105.D
 Acq: 20 Nov 2018 17:14

Instrument :
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 ClientSampleId :
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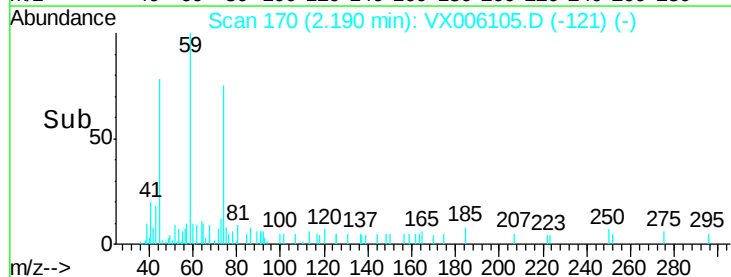
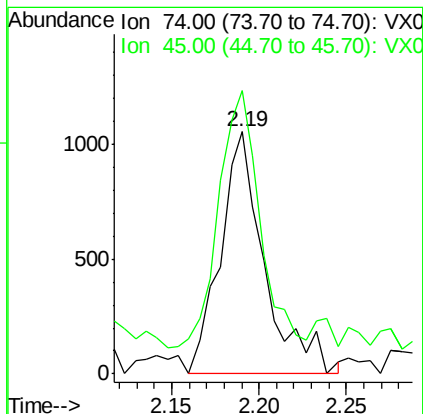
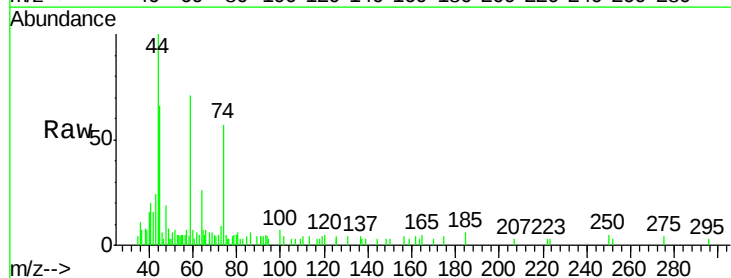
Tgt Ion: 101 Resp: 3567
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.1 78.1

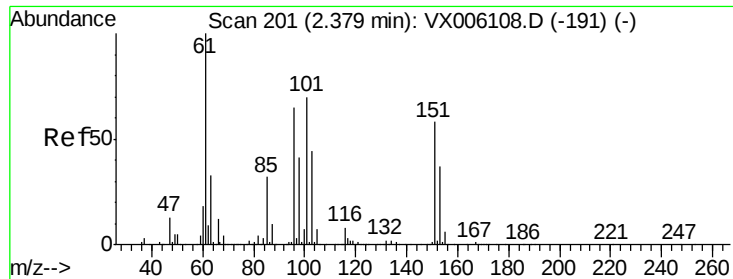


#8

Diethyl Ether
 Concen: 1.293 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX006105.D
 Acq: 20 Nov 2018 17:14

Tgt Ion: 74 Resp: 1855
 Ion Ratio Lower Upper
 74 100
 45 99.1 52.2 156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.145 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

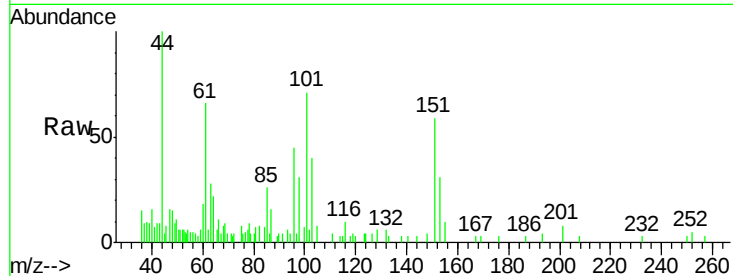
Tgt Ion:101 Resp: 2305

Ion Ratio Lower Upper

101 100

85 57.3 36.0 54.0#

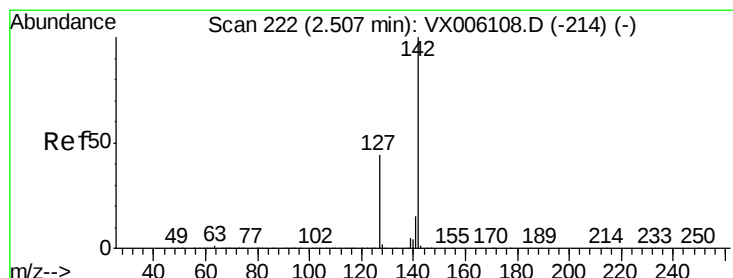
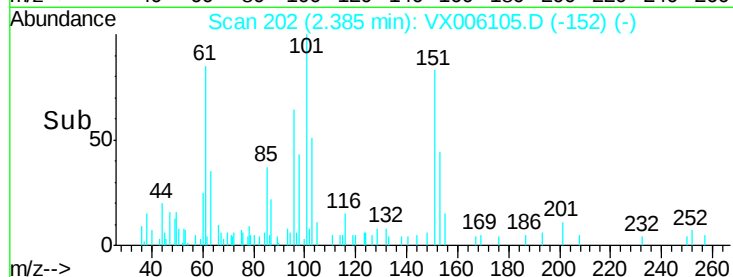
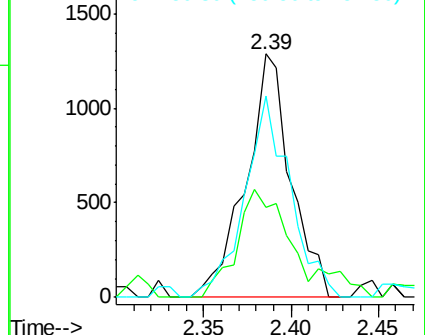
151 83.5 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.930 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

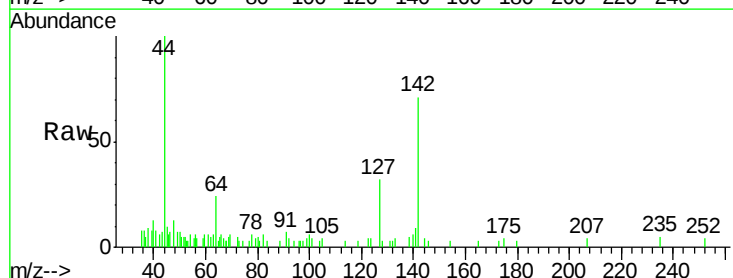
Tgt Ion:142 Resp: 2347

Ion Ratio Lower Upper

142 100

127 46.2 36.0 54.0

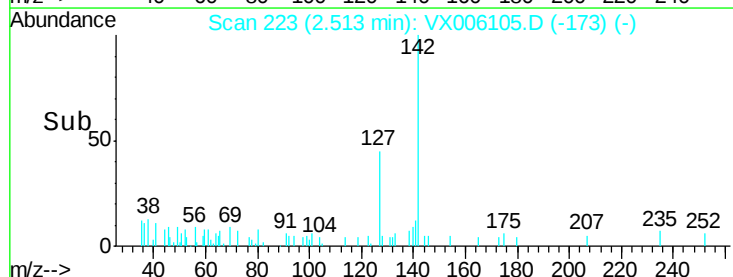
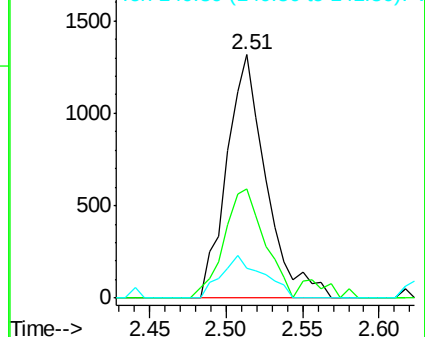
141 18.3 11.7 17.5#

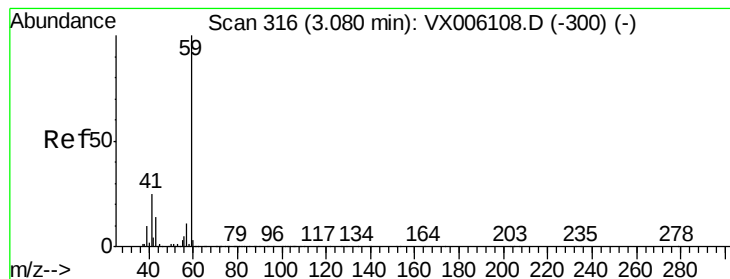


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 6.227 ug/l

RT: 3.06 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

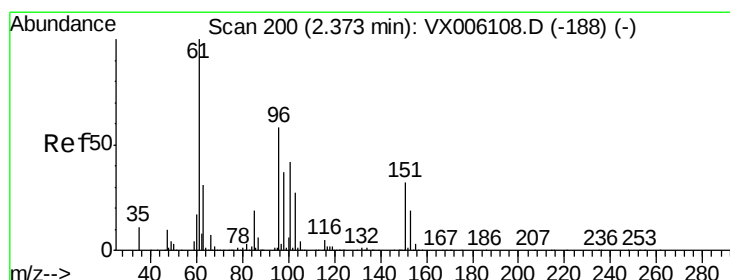
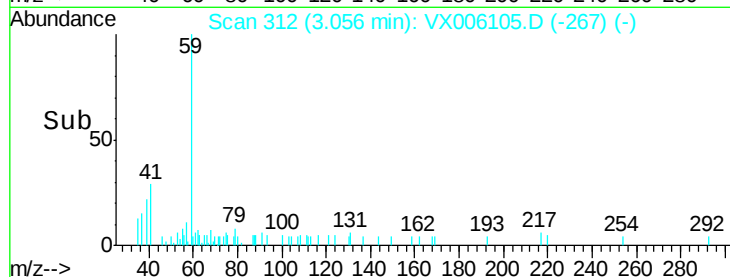
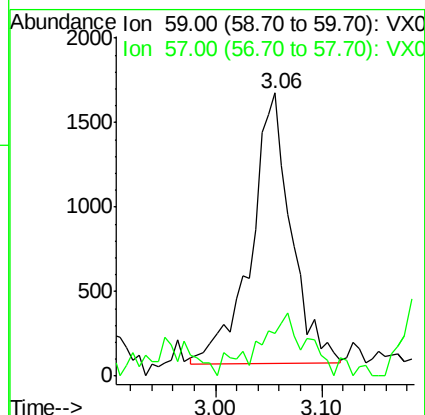
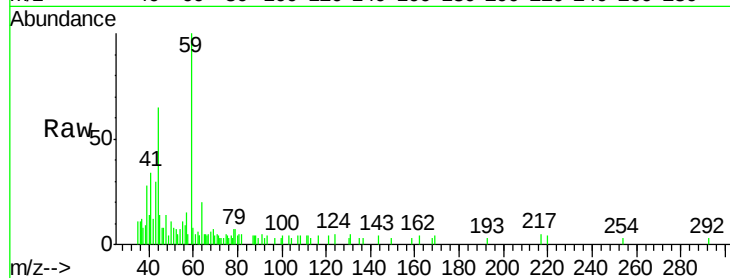
VSTDIC001

Tgt Ion: 59 Resp: 4172

Ion Ratio Lower Upper

59 100

57 13.4 8.7 13.1#



#12

1,1-Dichloroethene

Concen: 1.228 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

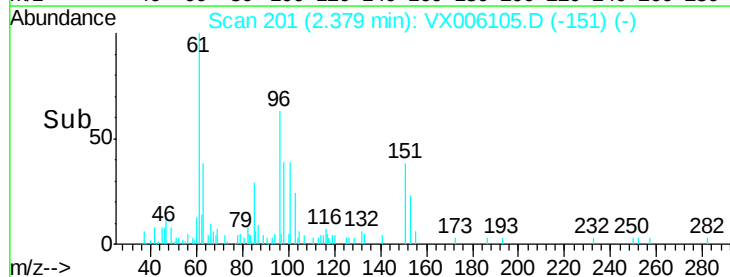
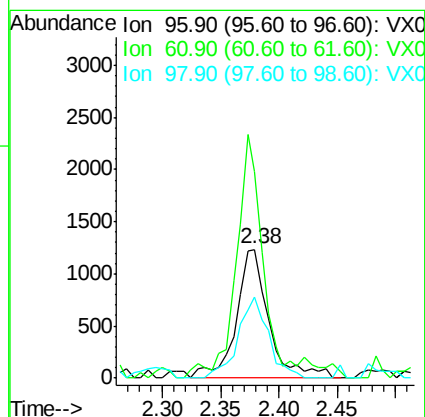
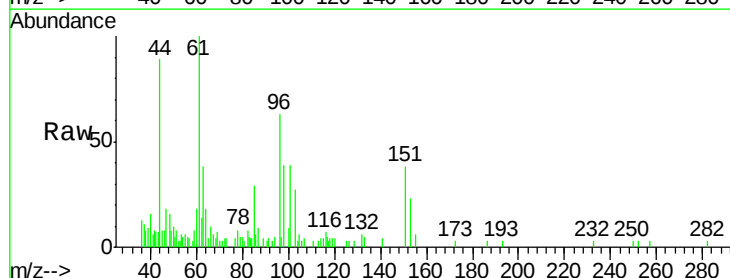
Tgt Ion: 96 Resp: 2410

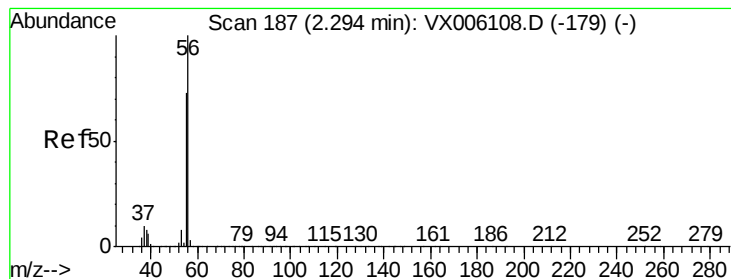
Ion Ratio Lower Upper

96 100

61 154.9 138.2 207.4

98 63.0 51.3 76.9





#13

Acrolein

Concen: 5.243 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

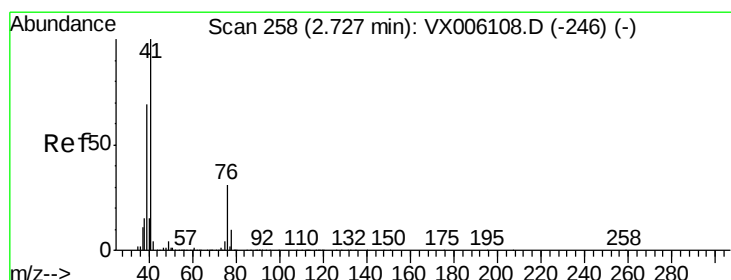
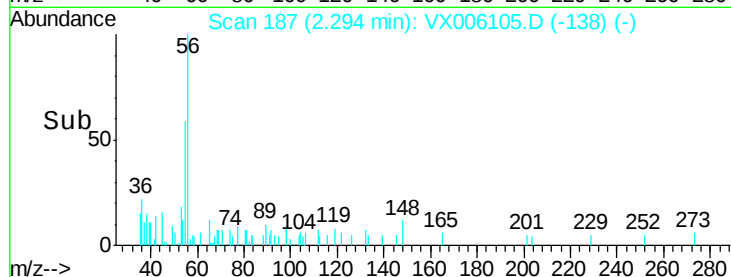
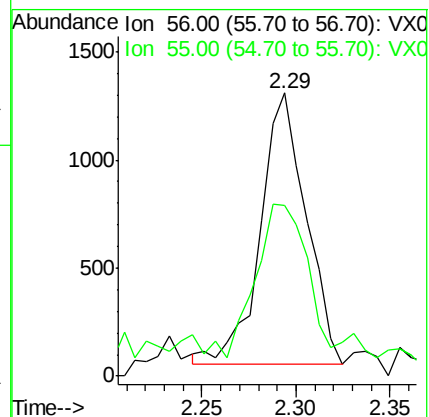
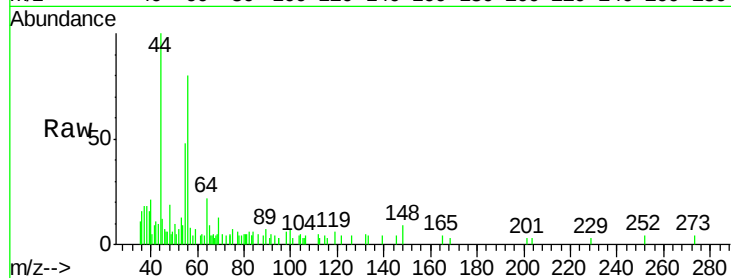
VSTDIC001

Tgt Ion: 56 Resp: 2102

Ion Ratio Lower Upper

56 100

55 69.7 57.8 86.6



#14

Allyl chloride

Concen: 1.189 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

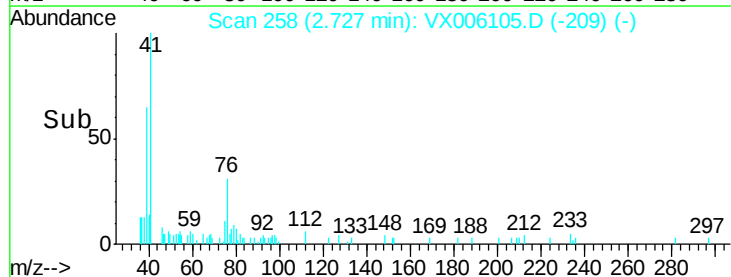
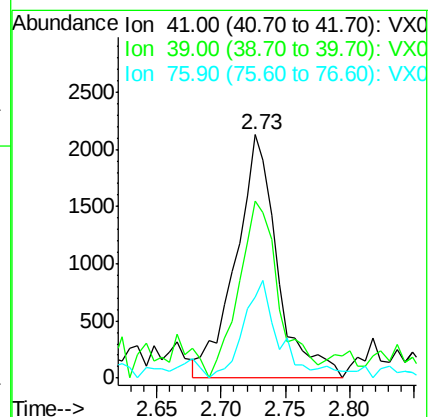
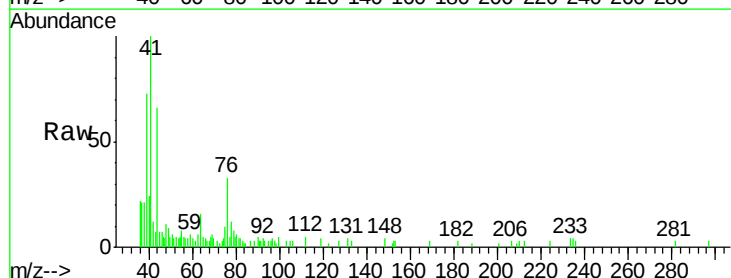
Tgt Ion: 41 Resp: 4776

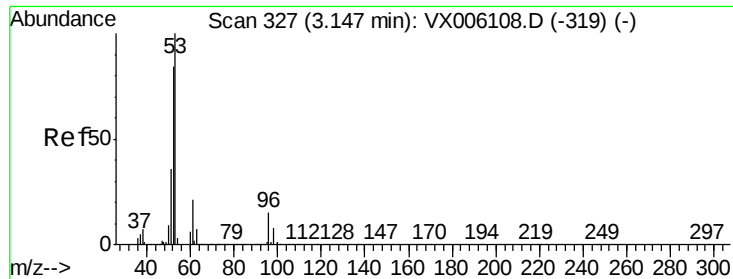
Ion Ratio Lower Upper

41 100

39 69.7 52.5 78.7

76 34.9 23.4 35.2

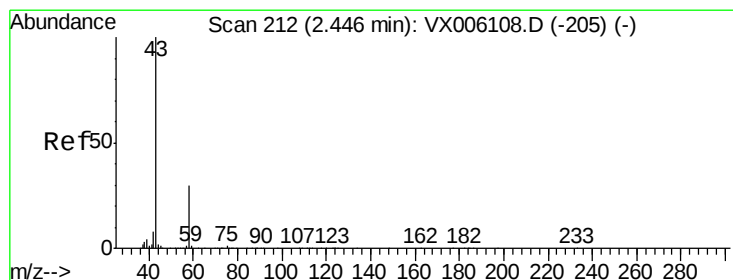
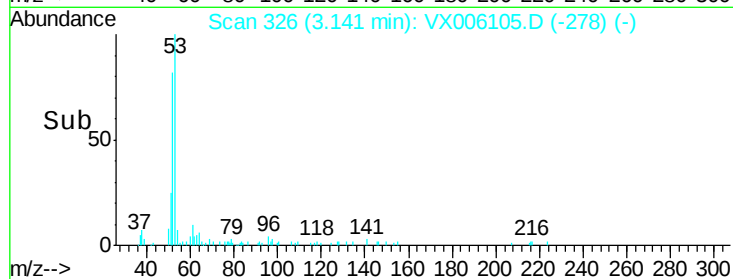
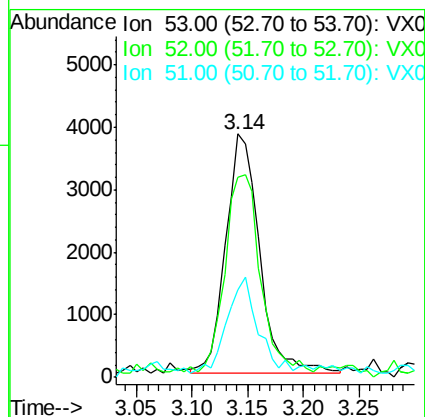
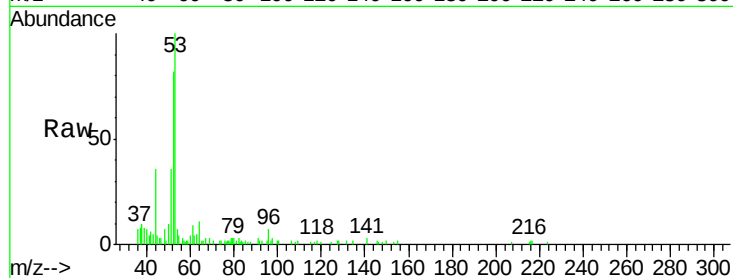




#15
Acrylonitrile
Concen: 5.486 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

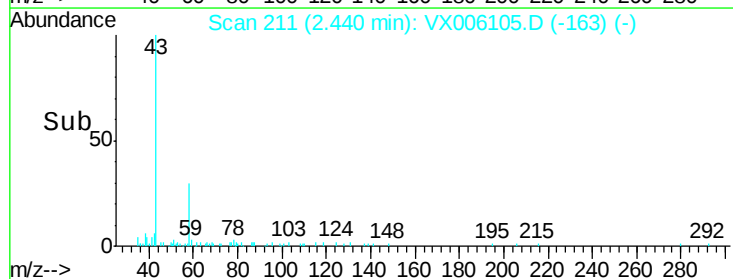
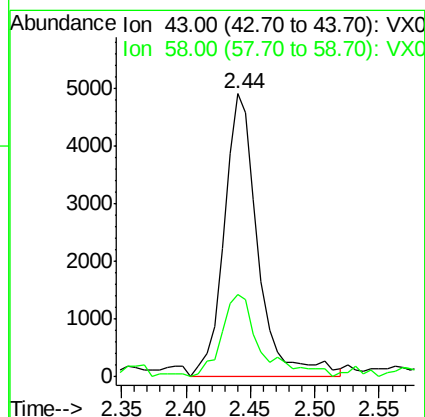
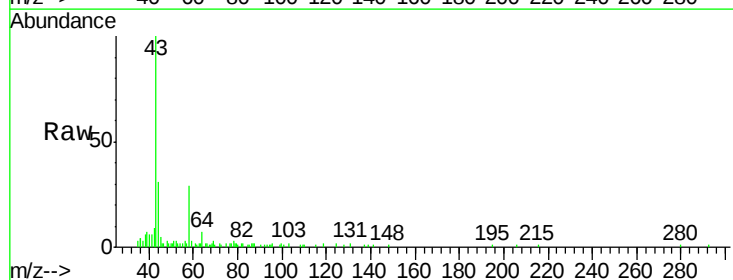
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

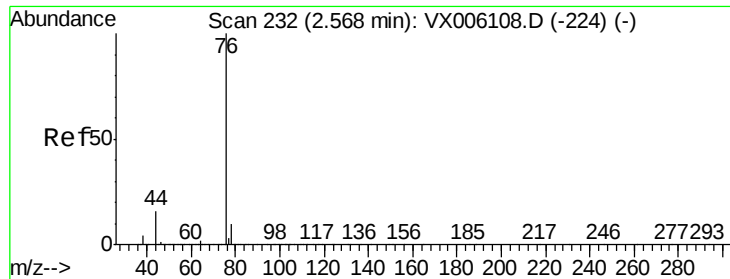
Tgt Ion: 53 Resp: 8118
Ion Ratio Lower Upper
53 100
52 87.8 66.4 99.6
51 35.9 29.4 44.0



#16
Acetone
Concen: 6.482 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

Tgt Ion: 43 Resp: 9059
Ion Ratio Lower Upper
43 100
58 28.9 23.8 35.8

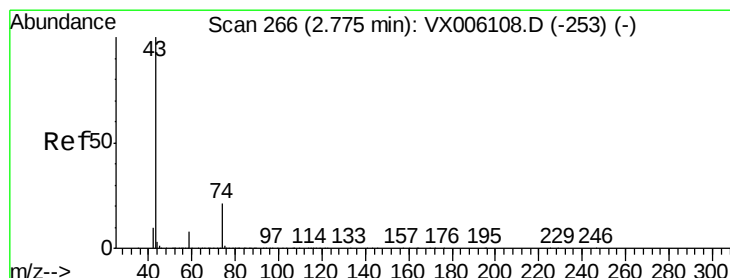
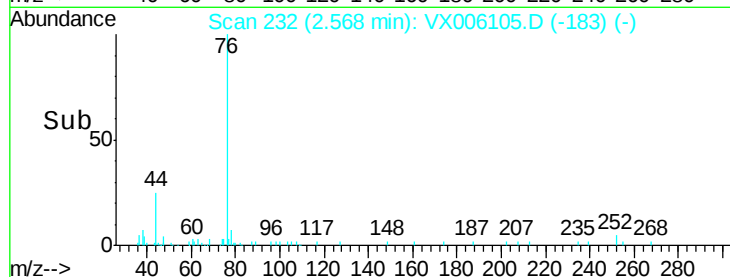
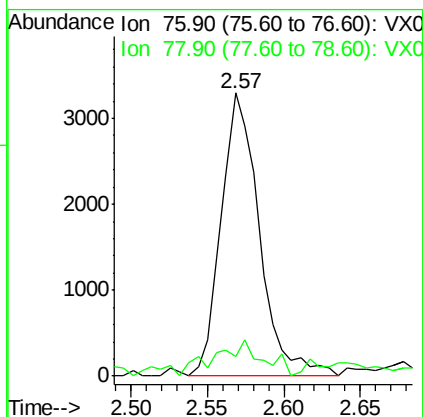
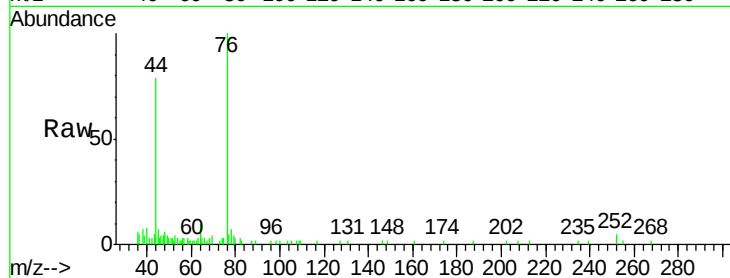




#17
Carbon Disulfide
Concen: 1.079 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

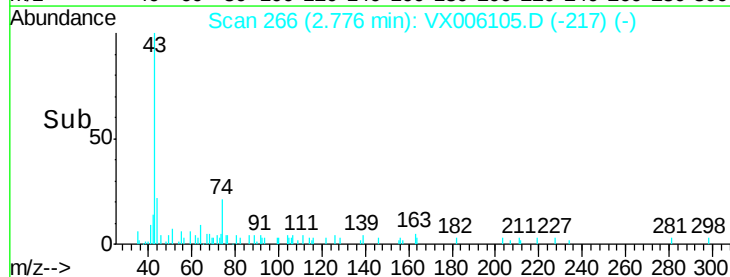
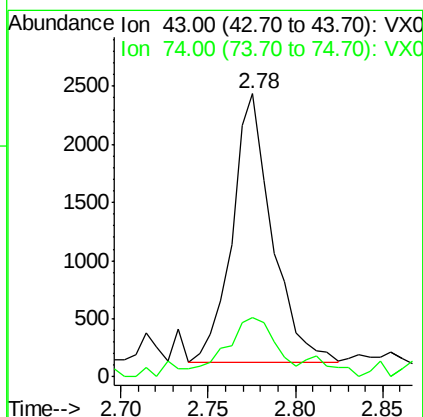
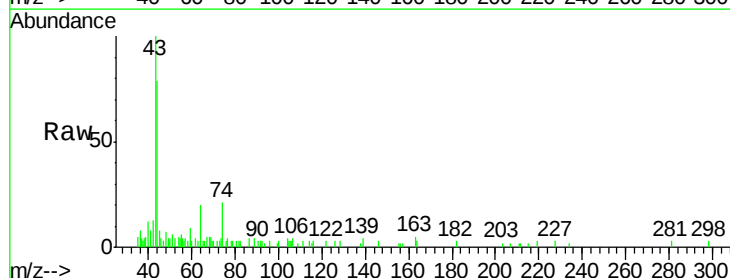
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

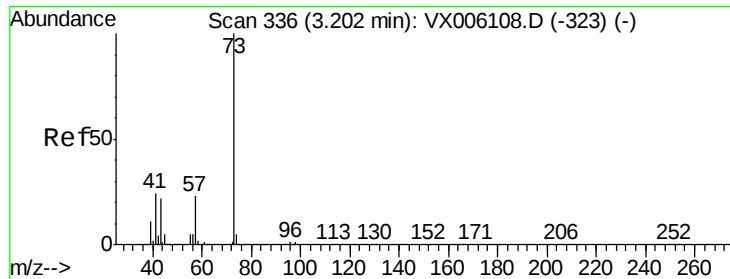
Tgt Ion: 76 Resp: 5719
Ion Ratio Lower Upper
76 100
78 2.5 7.7 11.5#



#18
Methyl Acetate
Concen: 1.020 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

Tgt Ion: 43 Resp: 3656
Ion Ratio Lower Upper
43 100
74 21.4 17.3 25.9





#19

Methyl tert-butyl Ether

Concen: 1.128 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

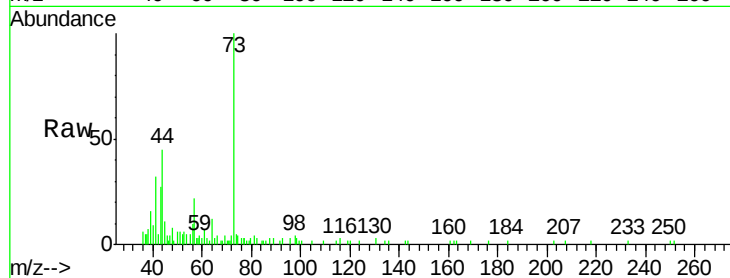
VSTDIC001

Tgt Ion: 73 Resp: 7649

Ion Ratio Lower Upper

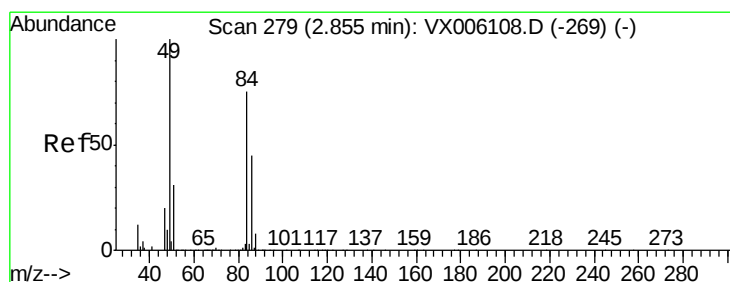
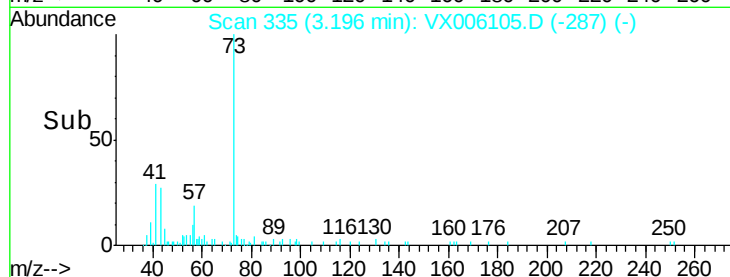
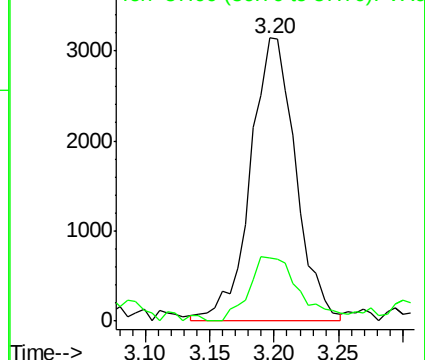
73 100

57 21.0 18.2 27.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 1.334 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Tgt Ion: 84 Resp: 3072

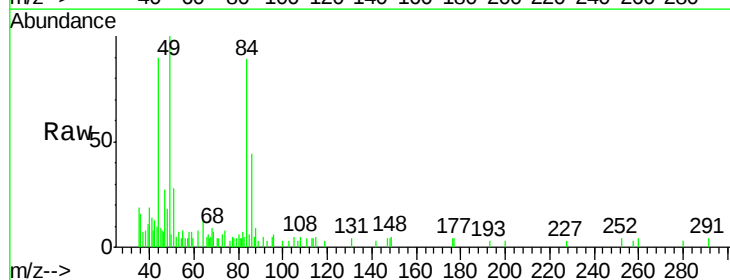
Ion Ratio Lower Upper

84 100

49 107.3 106.6 159.8

51 18.7 32.6 49.0#

86 46.0 48.4 72.6#

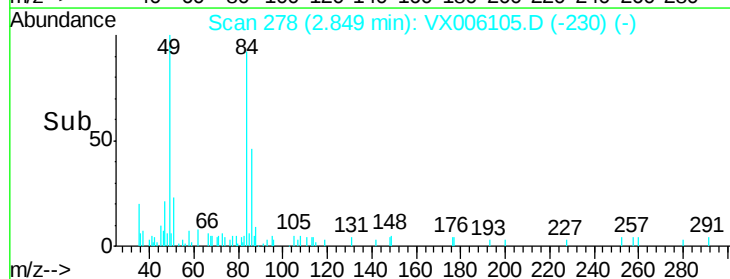
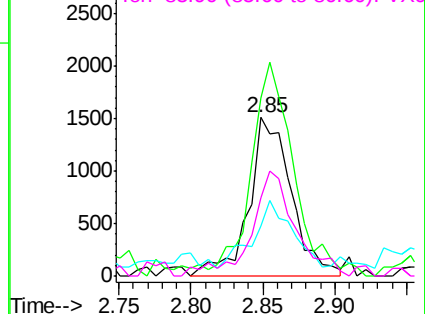


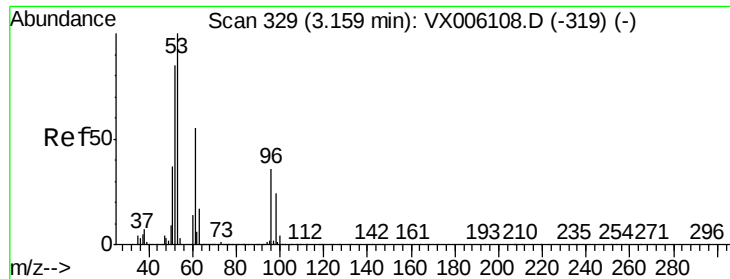
Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 1.034 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

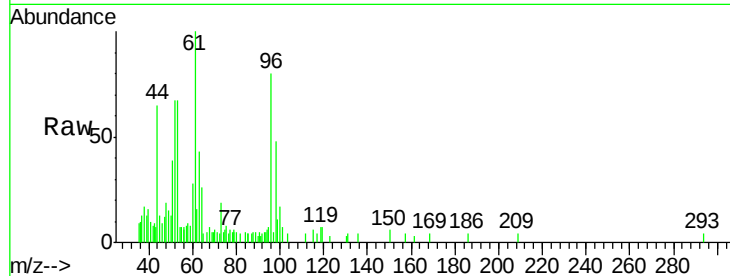
Tgt Ion: 96 Resp: 2123

Ion Ratio Lower Upper

96 100

61 125.3 122.0 183.0

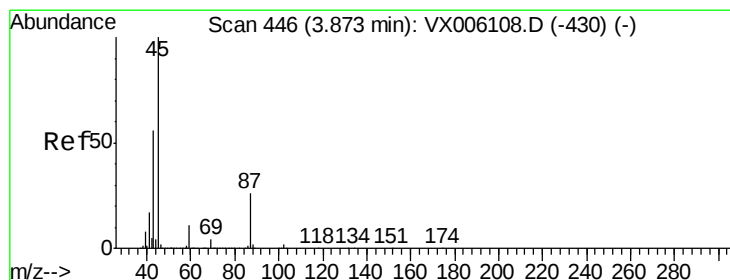
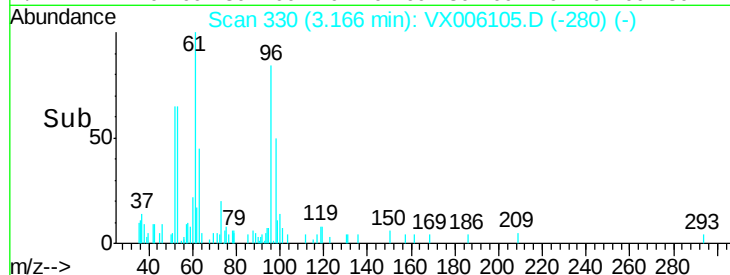
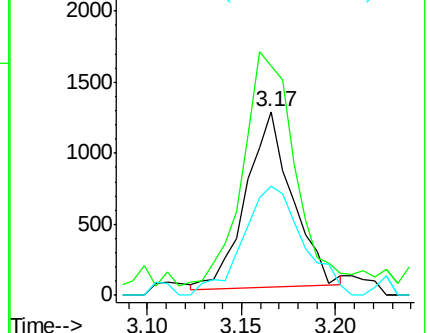
98 63.1 52.7 79.1



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: 0.960 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Tgt Ion: 45 Resp: 8253

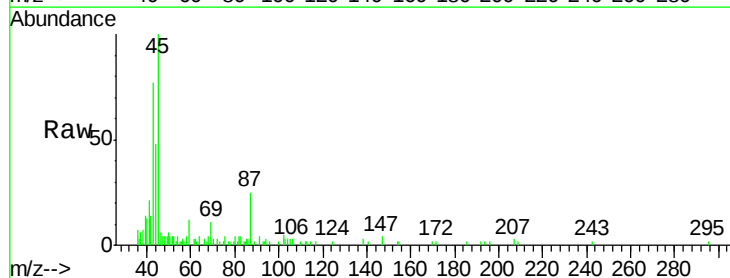
Ion Ratio Lower Upper

45 100

43 76.6 45.8 68.8#

87 24.4 21.0 31.4

59 5.3 8.6 12.8#

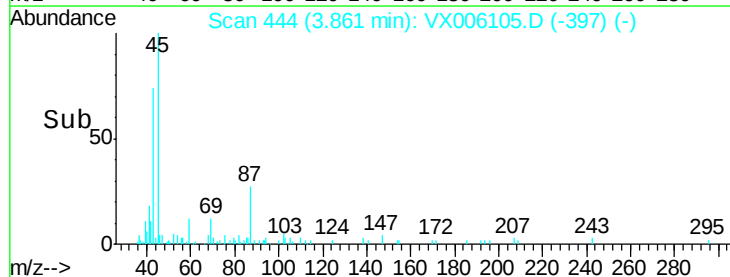
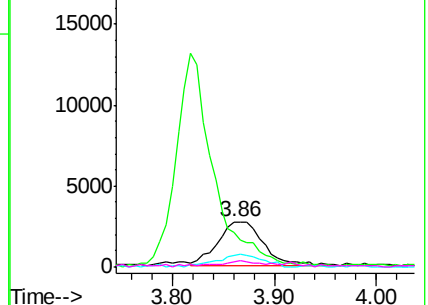


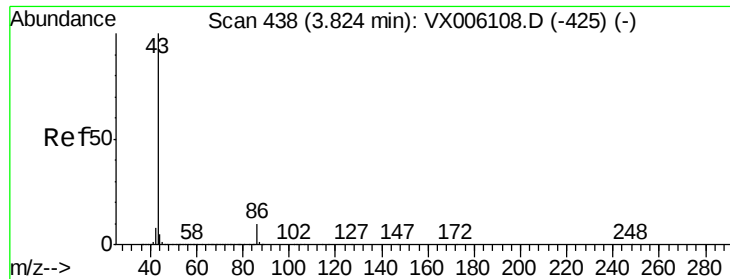
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 4.757 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

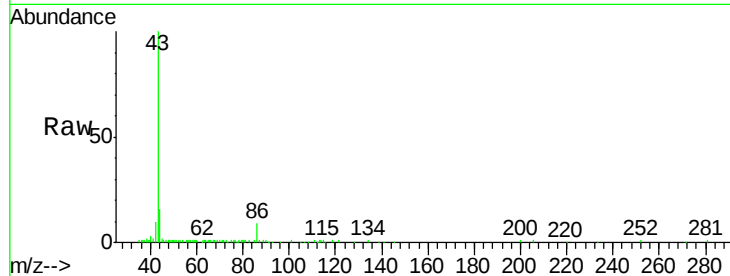
VSTDIC001

Tgt Ion: 43 Resp: 33926

Ion Ratio Lower Upper

43 100

86 8.6 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

15000

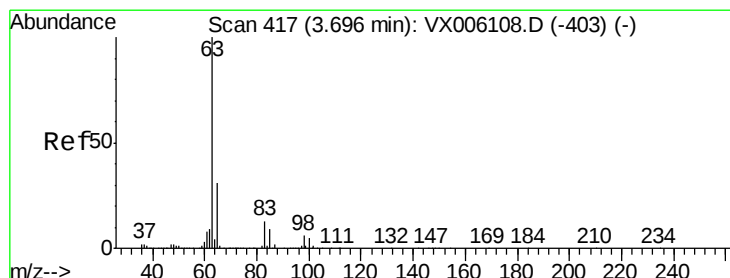
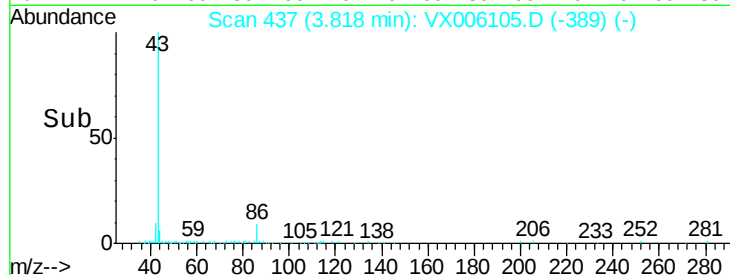
10000

5000

0

Time-->

3.70 3.80 3.90



#24

1,1-Dichloroethane

Concen: 1.130 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

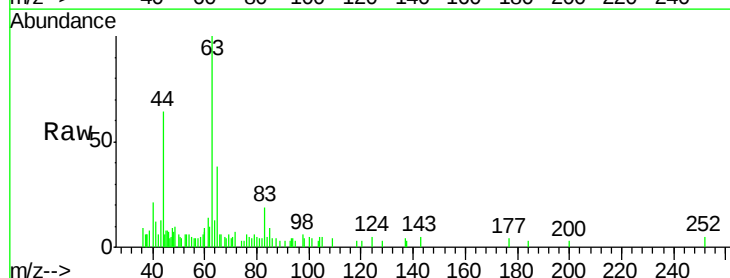
Tgt Ion: 63 Resp: 4575

Ion Ratio Lower Upper

63 100

98 9.8 3.3 9.8#

100 5.0 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

2500

2000

1500

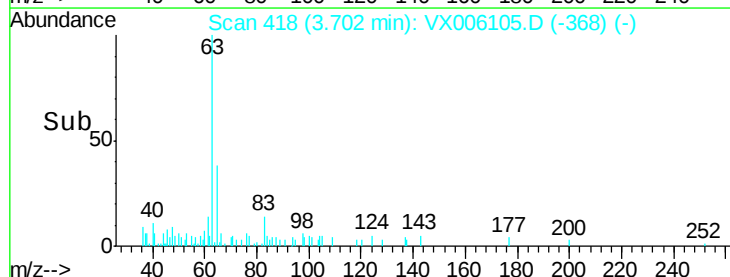
1000

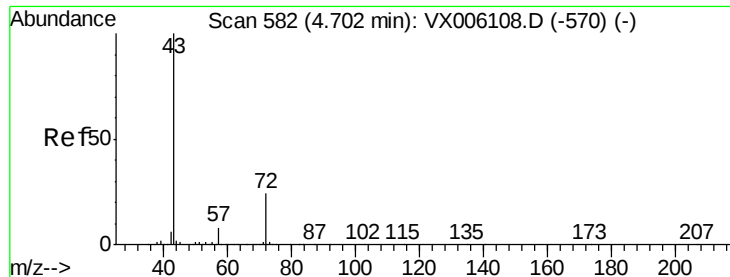
500

0

Time-->

3.60 3.65 3.70 3.75 3.80





#25

2-Butanone

Concen: 5.511 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampled :

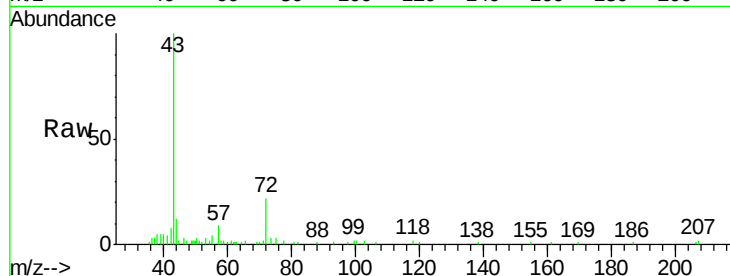
VSTDIC001

Tgt Ion: 43 Resp: 14295

Ion Ratio Lower Upper

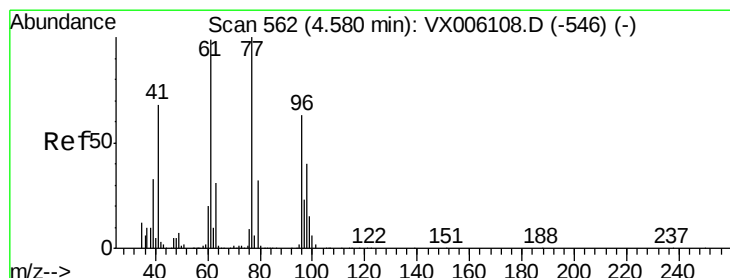
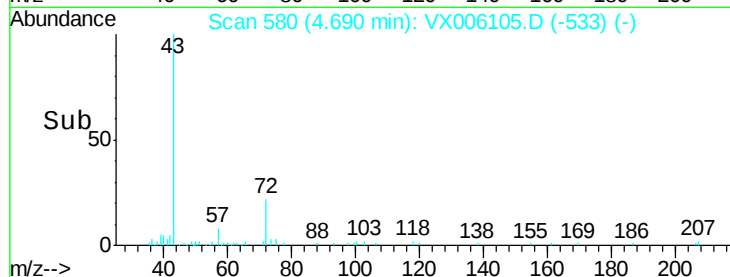
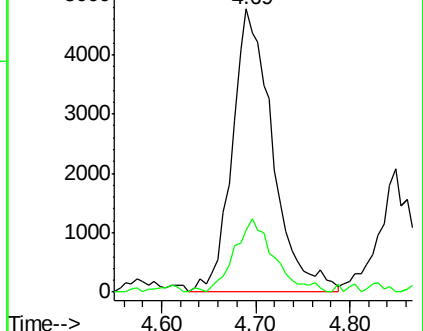
43 100

72 21.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.124 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006105.D

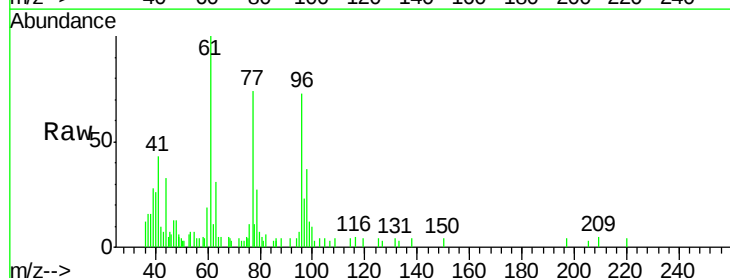
Acq: 20 Nov 2018 17:14

Tgt Ion: 77 Resp: 3752

Ion Ratio Lower Upper

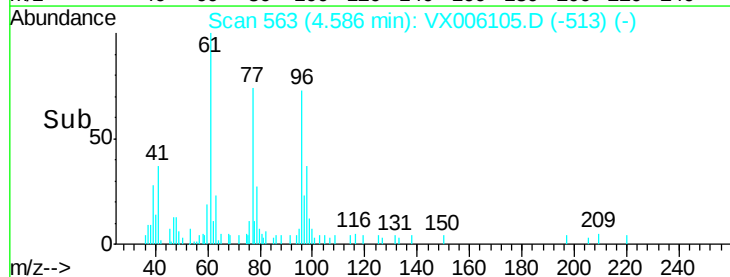
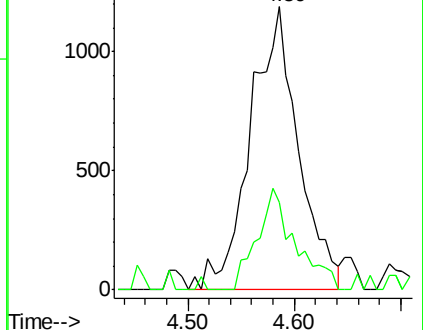
77 100

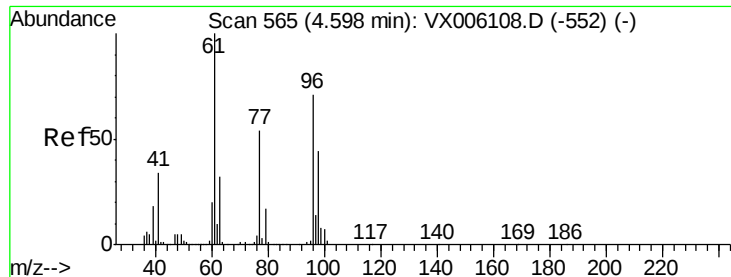
97 28.3 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



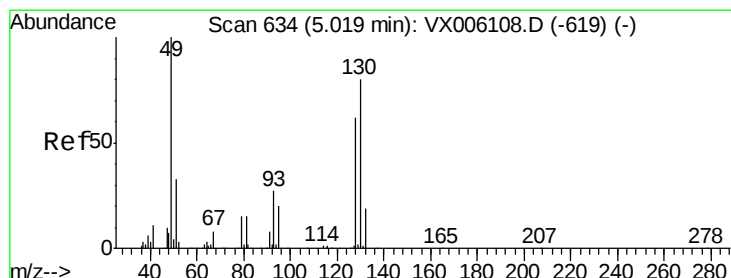
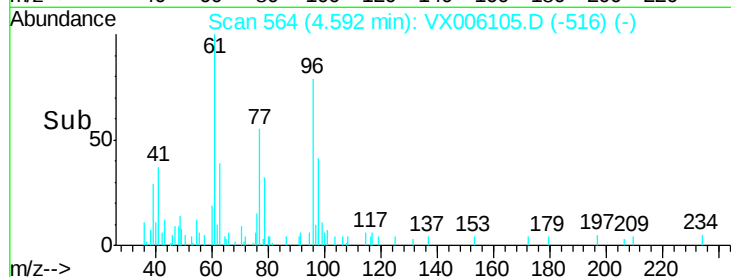
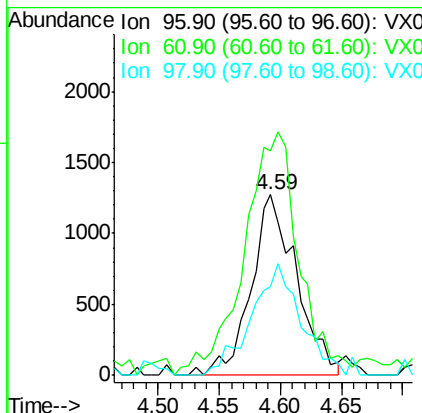
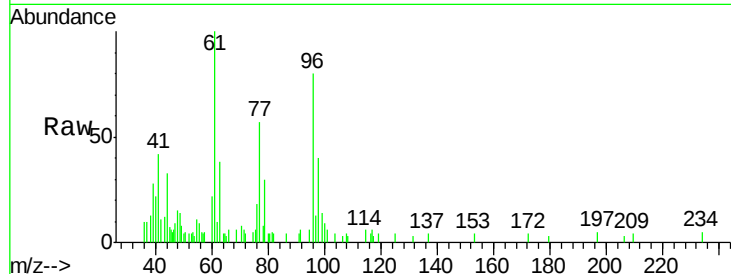


#27

cis-1,2-Dichloroethene
Concen: 1.152 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

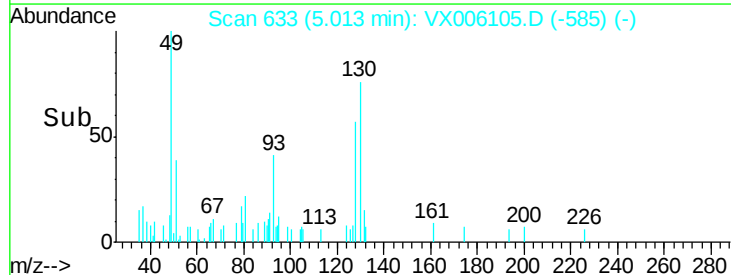
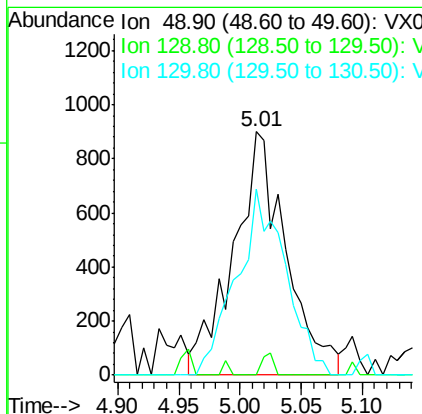
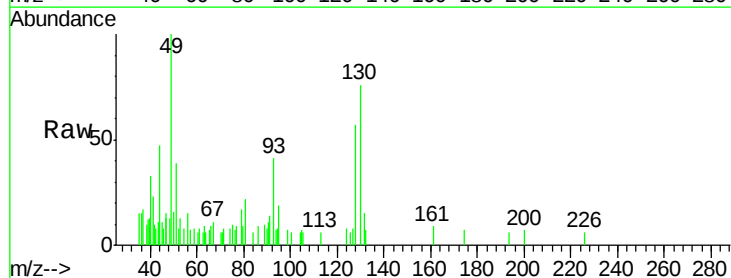
Tgt Ion: 96 Resp: 3307
Ion Ratio Lower Upper
96 100
61 162.2 0.0 291.6
98 66.9 0.0 128.2

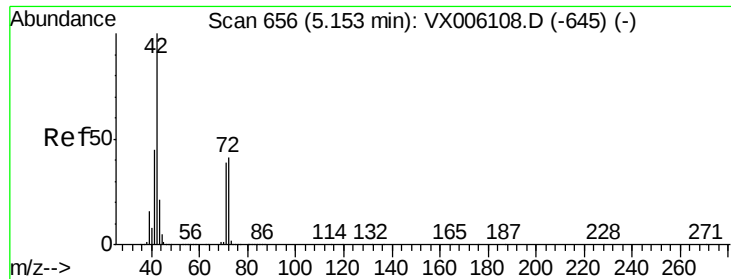


#28

Bromochloromethane
Concen: 1.135 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

Tgt Ion: 49 Resp: 2678
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.4
130 71.6 61.6 92.4





#29

Tetrahydrofuran

Concen: 4.809 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

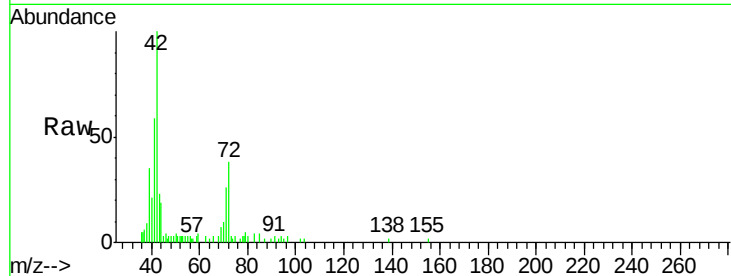
Tgt Ion: 42 Resp: 7783

Ion Ratio Lower Upper

42 100

72 47.4 33.0 49.6

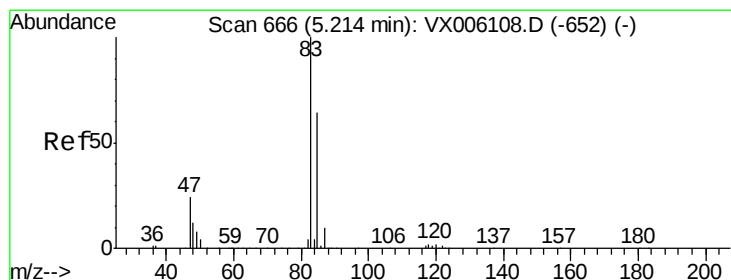
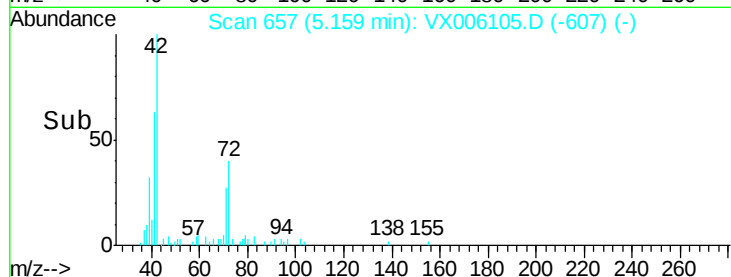
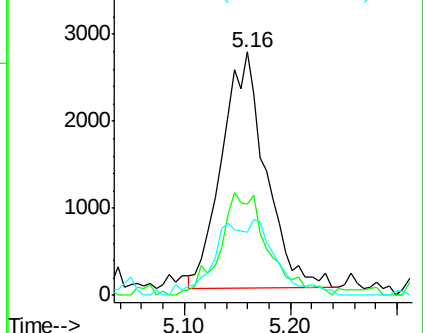
71 24.2 31.0 46.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 1.168 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX006105.D

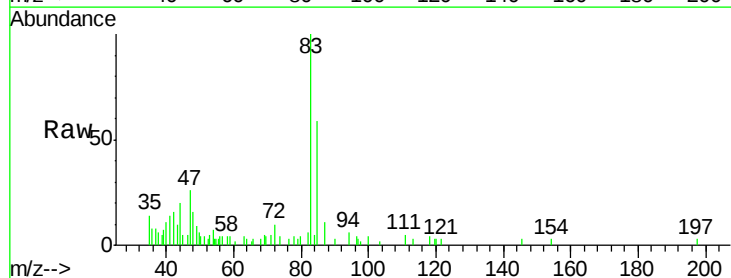
Acq: 20 Nov 2018 17:14

Tgt Ion: 83 Resp: 5731

Ion Ratio Lower Upper

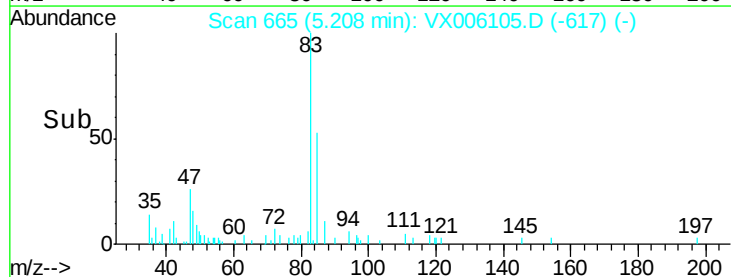
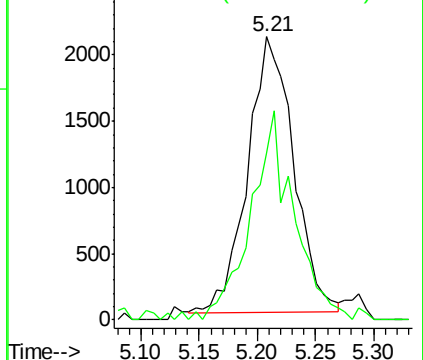
83 100

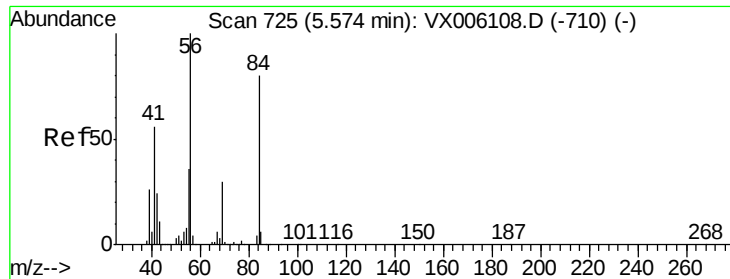
85 60.8 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

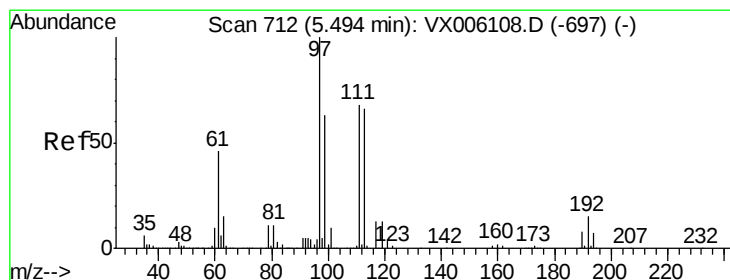
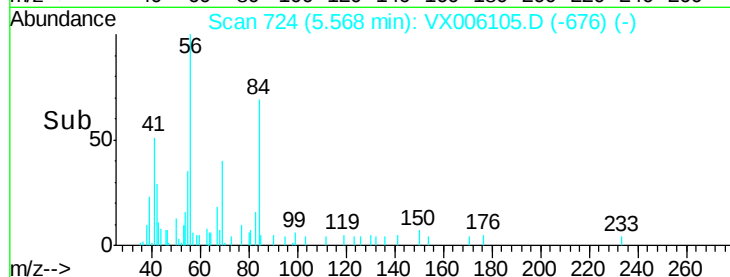
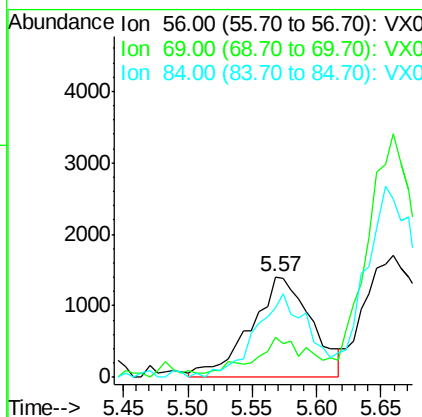
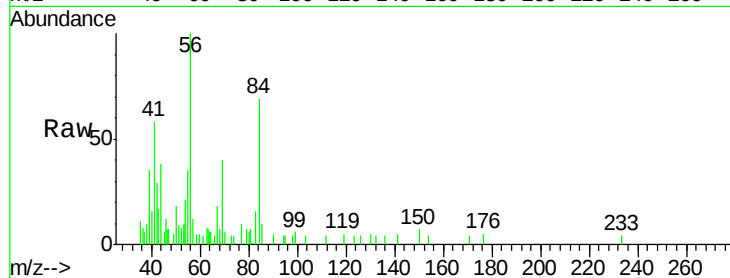




#31
Cyclohexane
Concen: 1.089 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

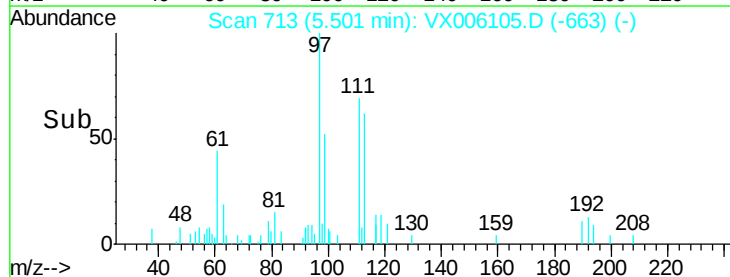
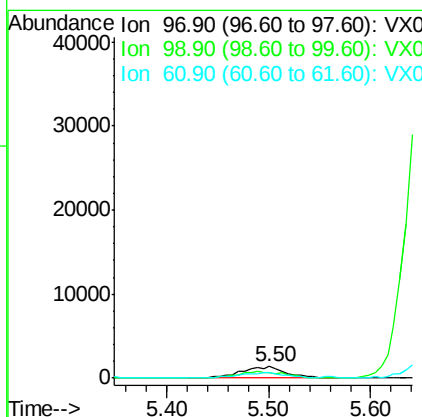
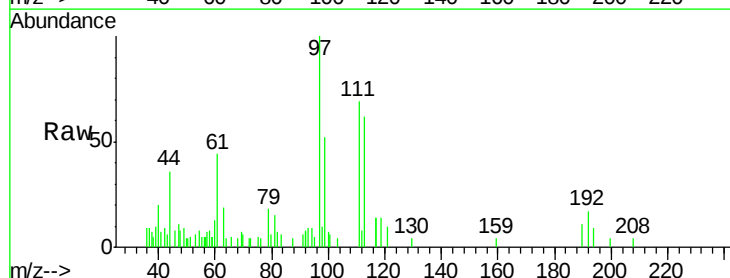
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

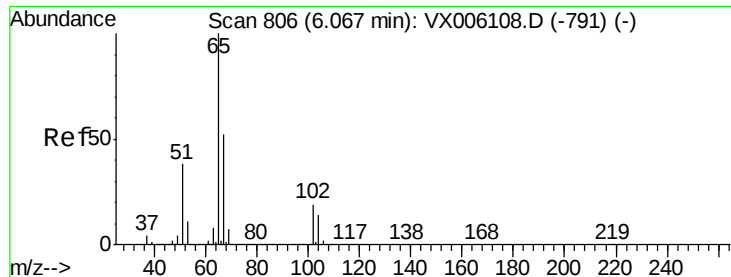
Tgt Ion: 56 Resp: 4608
Ion Ratio Lower Upper
56 100
69 36.6 23.9 35.9#
84 75.6 63.6 95.4



#32
1,1,1-Trichloroethane
Concen: 1.033 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

Tgt Ion: 97 Resp: 4092
Ion Ratio Lower Upper
97 100
99 0.0 51.6 77.4#
61 53.1 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 1.276 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

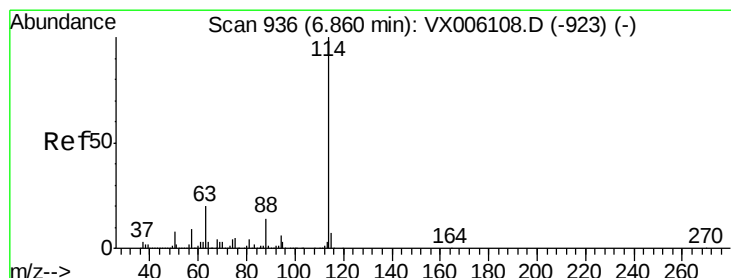
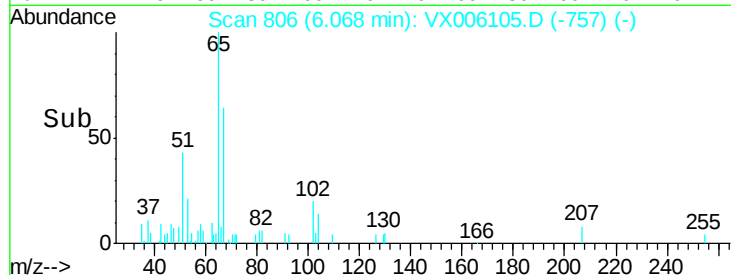
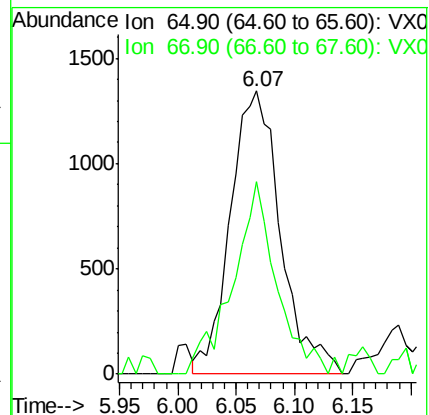
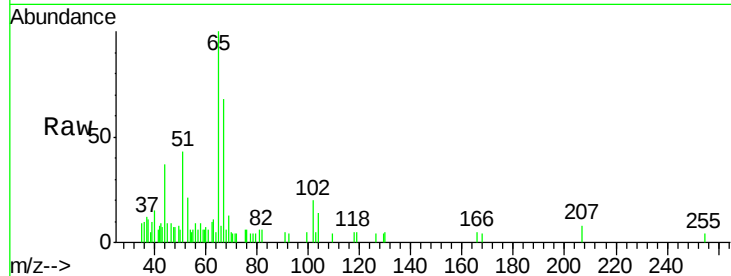
VSTDIC001

Tgt Ion: 65 Resp: 4020

Ion Ratio Lower Upper

65 100

67 59.3 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

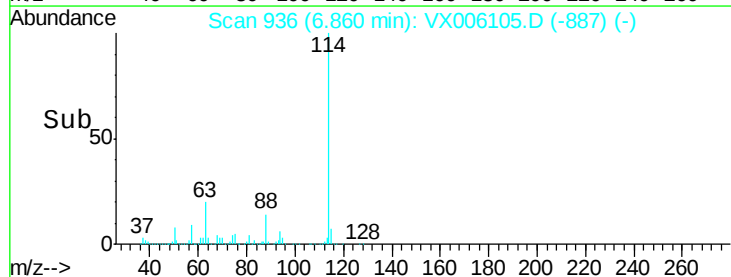
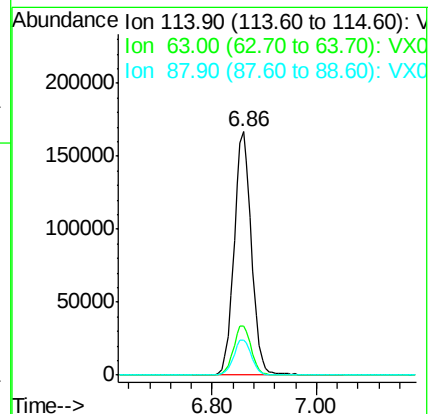
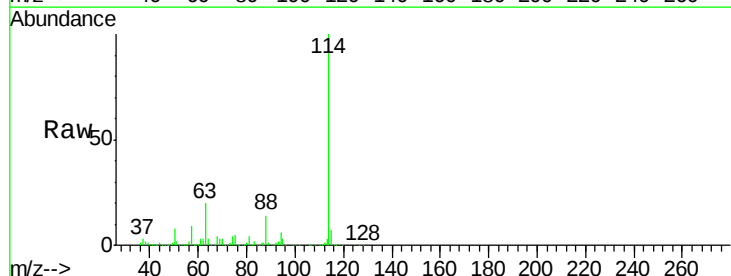
Tgt Ion: 114 Resp: 391267

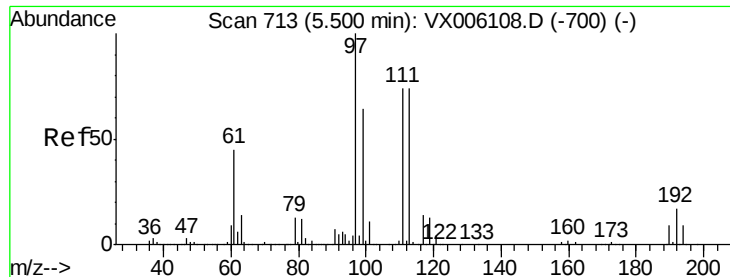
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

88 14.5 0.0 28.6





#35

Dibromofluoromethane

Concen: 1.219 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

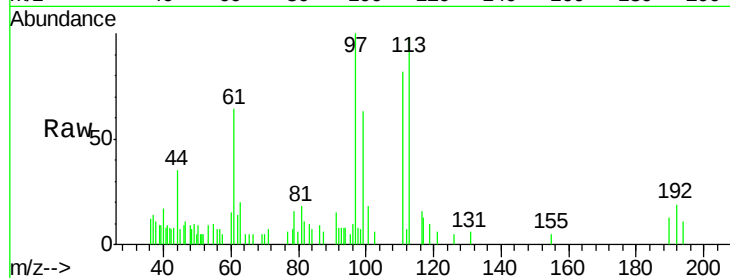
Tgt Ion:113 Resp: 3061

Ion Ratio Lower Upper

113 100

111 93.8 81.5 122.3

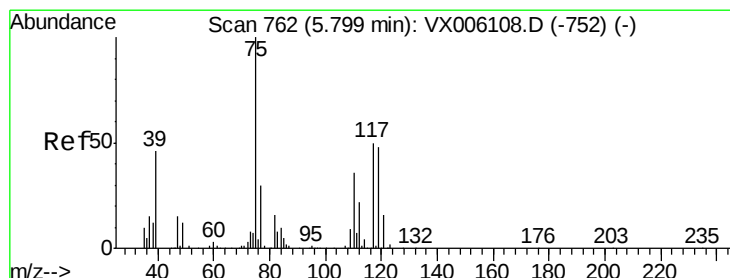
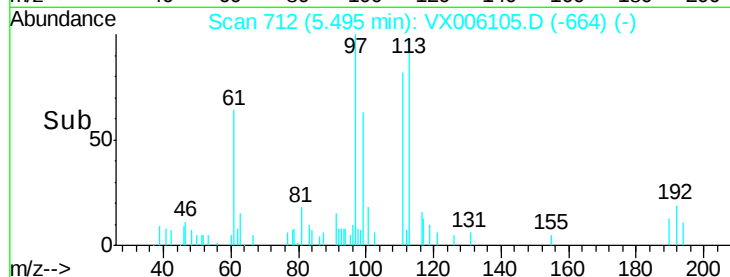
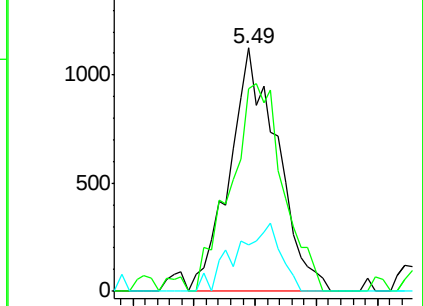
192 26.2 18.6 28.0



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: 1.150 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

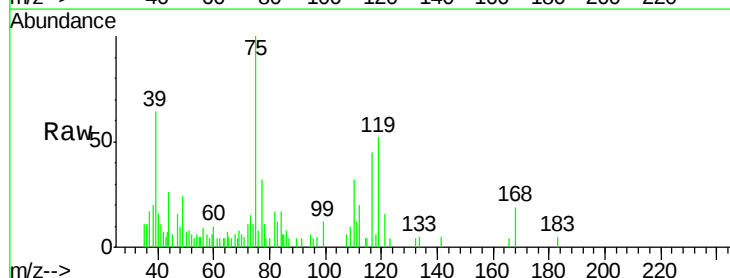
Tgt Ion: 75 Resp: 4094

Ion Ratio Lower Upper

75 100

110 35.2 17.8 53.3

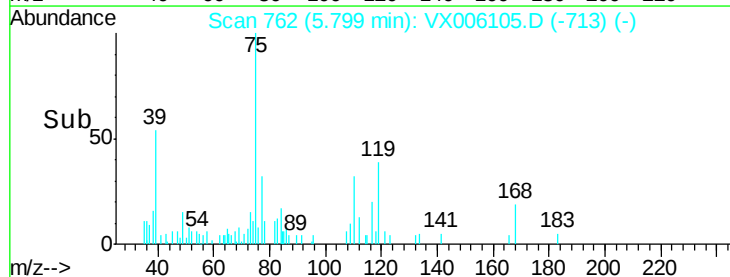
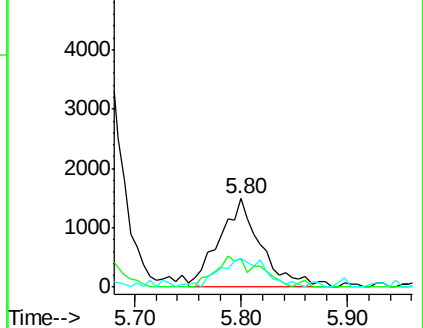
77 36.8 24.5 36.7#

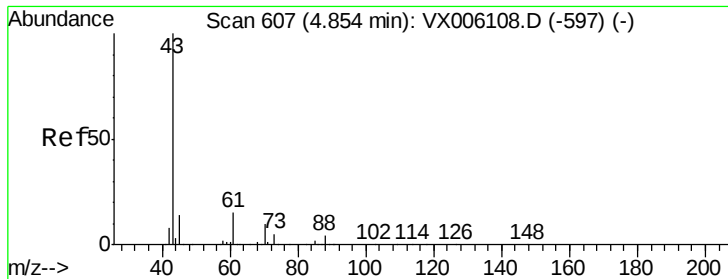


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

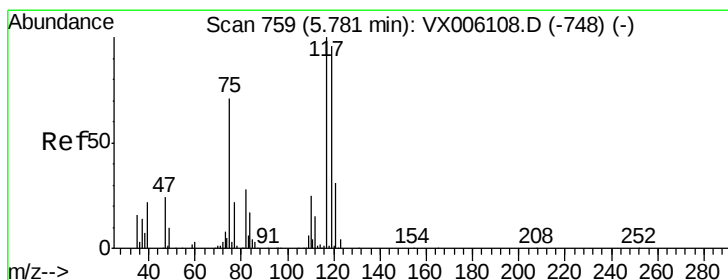
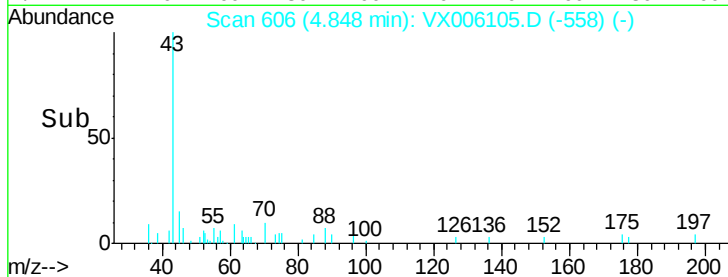
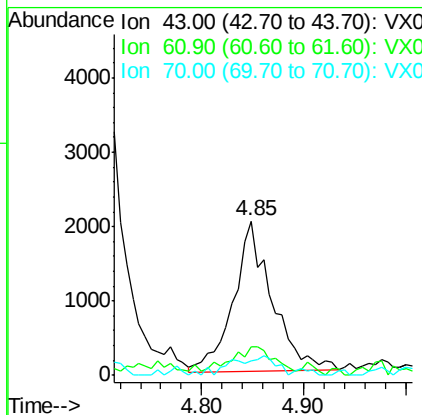
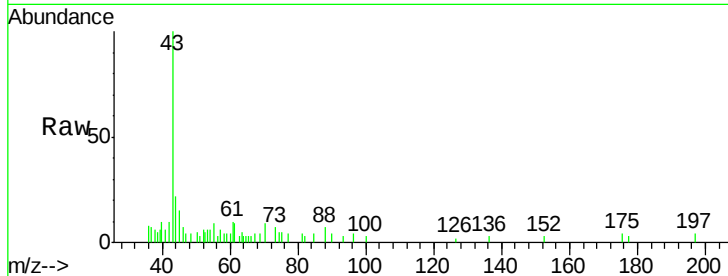




#37
Ethyl Acetate
Concen: 1.161 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

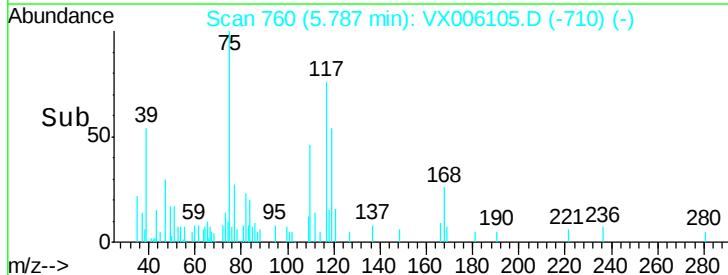
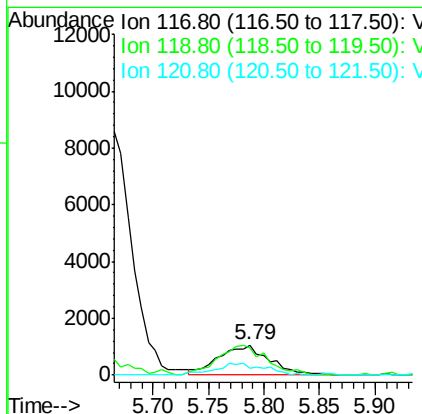
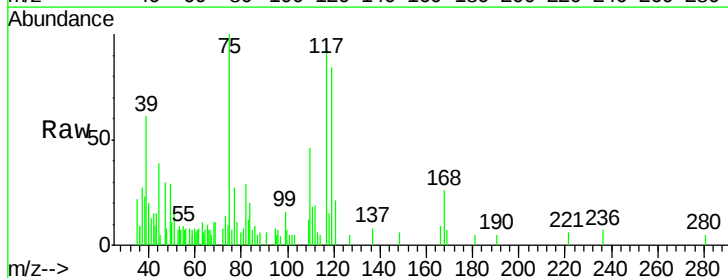
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

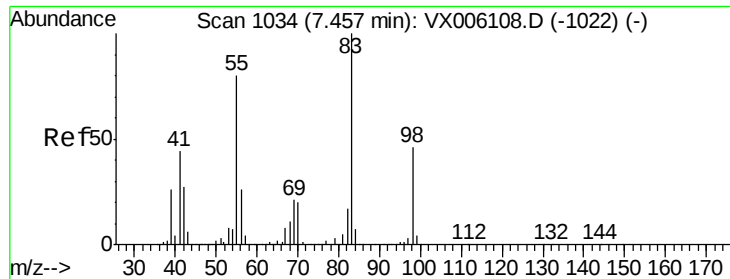
Tgt Ion: 43 Resp: 5318
Ion Ratio Lower Upper
43 100
61 19.9 10.5 15.7#
70 8.0 7.9 11.9



#38
Carbon Tetrachloride
Concen: 0.991 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

Tgt Ion: 117 Resp: 3317
Ion Ratio Lower Upper
117 100
119 89.7 76.3 114.5
121 22.9 24.7 37.1#

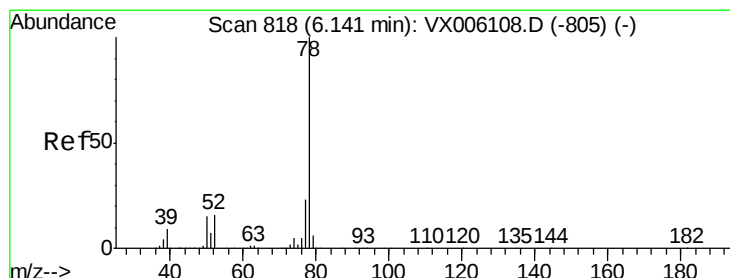
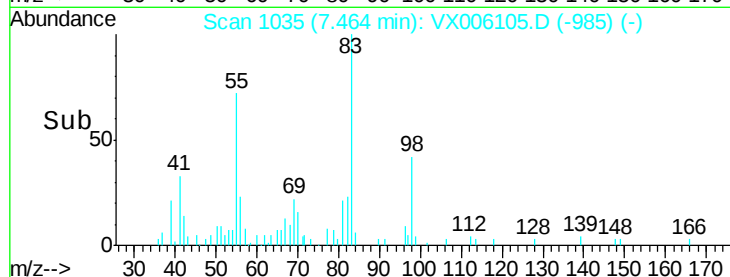
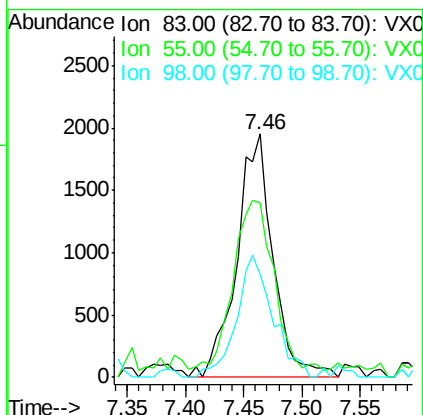
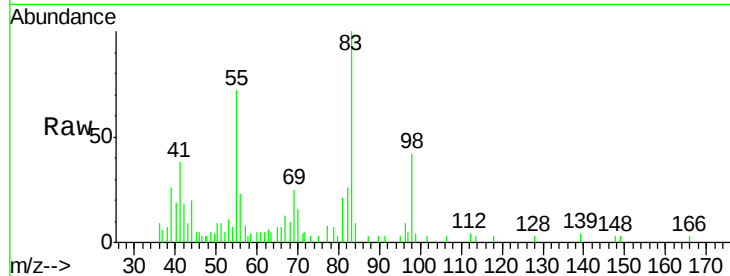




#39
Methylcyclohexane
Concen: 1.049 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

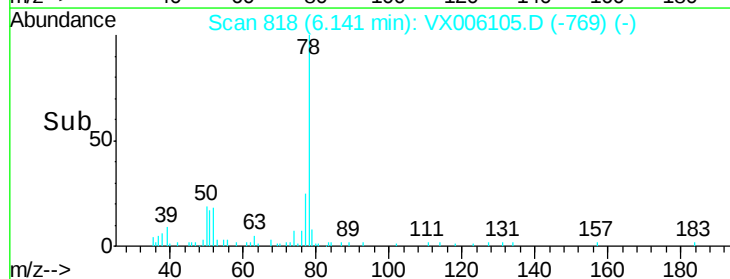
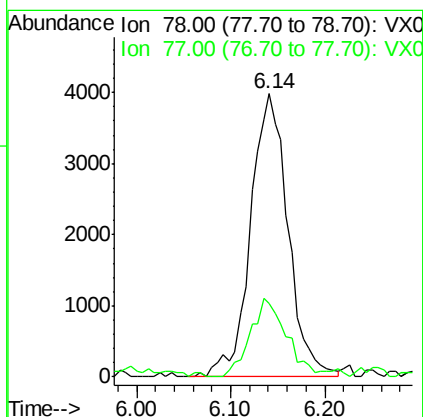
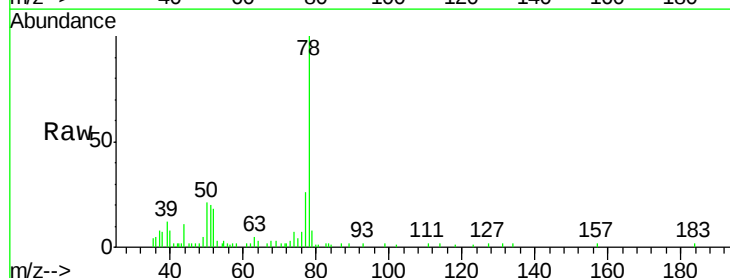
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

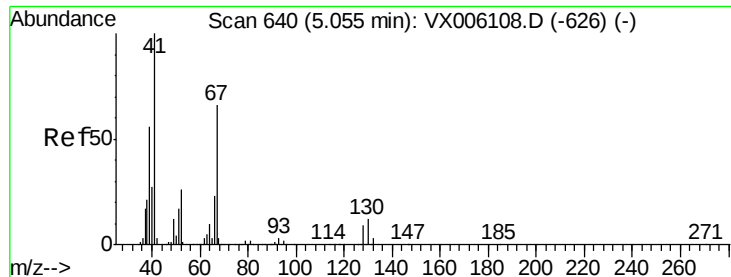
Tgt Ion: 83 Resp: 4255
Ion Ratio Lower Upper
83 100
55 68.4 63.9 95.9
98 42.1 36.8 55.2



#40
Benzene
Concen: 1.057 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

Tgt Ion: 78 Resp: 11084
Ion Ratio Lower Upper
78 100
77 26.2 18.8 28.2





#41

Methacrylonitrile

Concen: 0.995 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tgt Ion: 41 Resp: 2512

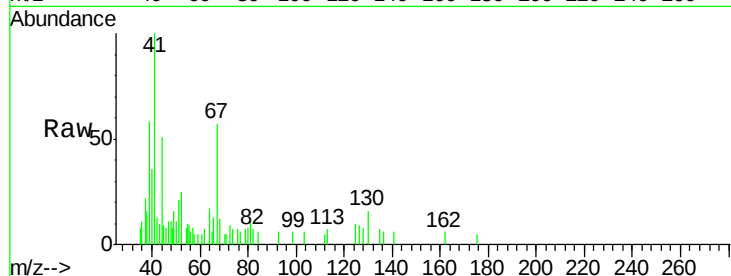
Ion Ratio Lower Upper

41 100

39 83.1 44.1 66.1#

67 82.8 54.1 81.1#

52 28.7 21.7 32.5

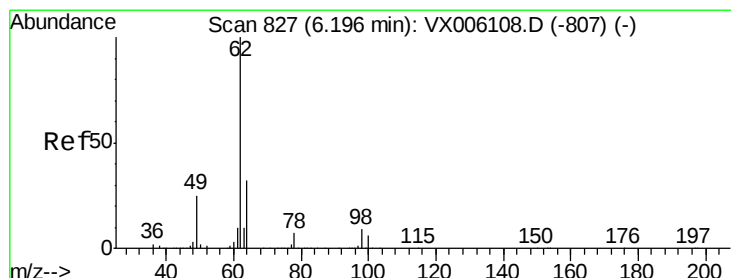
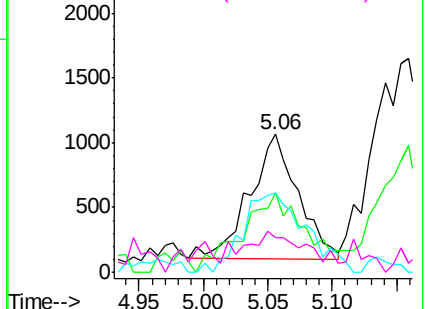
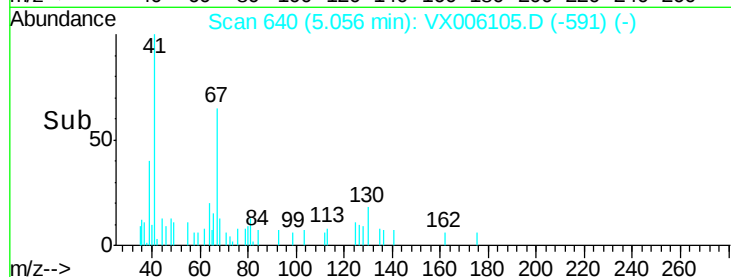


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 1.170 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006105.D

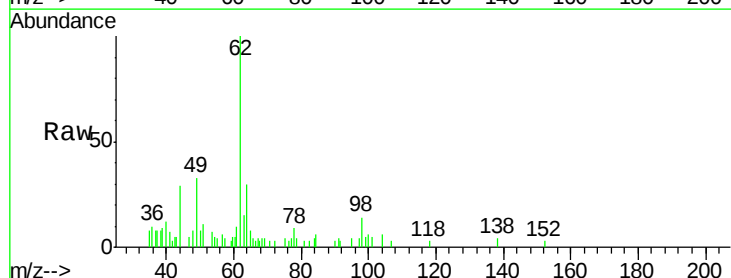
Acq: 20 Nov 2018 17:14

Tgt Ion: 62 Resp: 4586

Ion Ratio Lower Upper

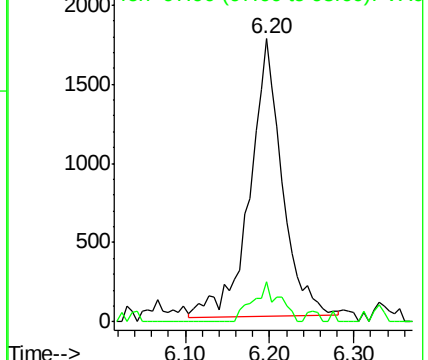
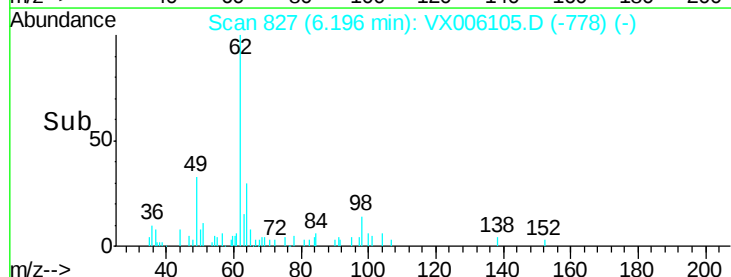
62 100

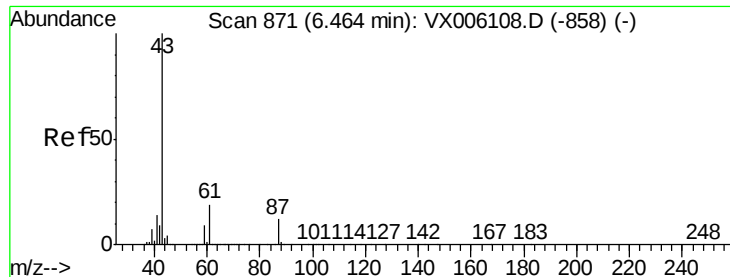
98 11.6 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 1.001 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

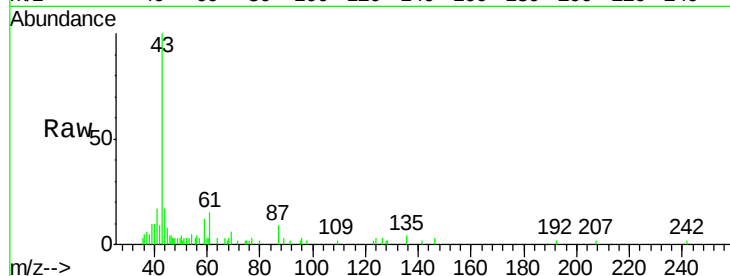
Tgt Ion: 43 Resp: 6620

Ion Ratio Lower Upper

43 100

61 18.3 15.2 22.8

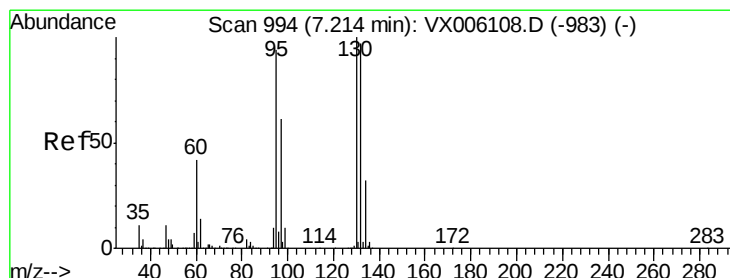
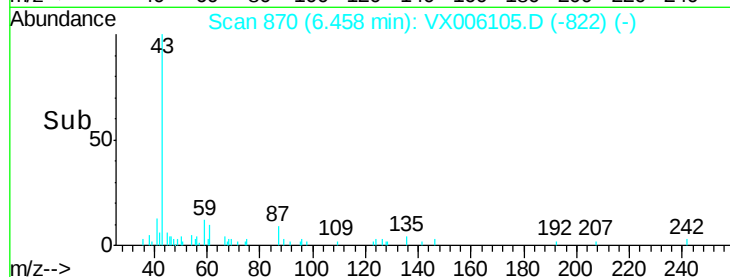
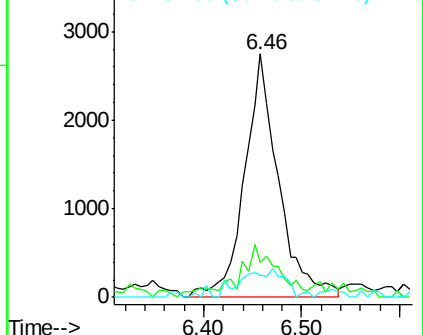
87 9.1 9.6 14.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.036 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006105.D

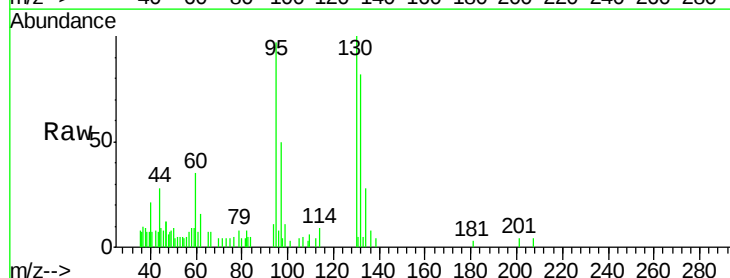
Acq: 20 Nov 2018 17:14

Tgt Ion:130 Resp: 3021

Ion Ratio Lower Upper

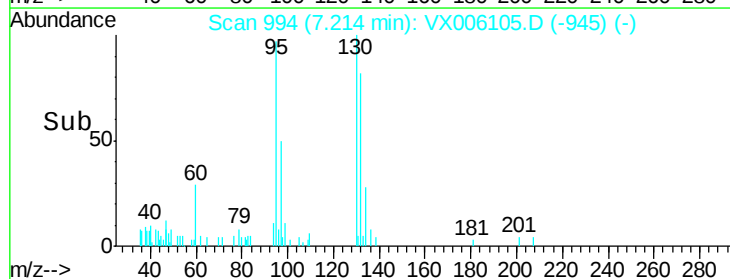
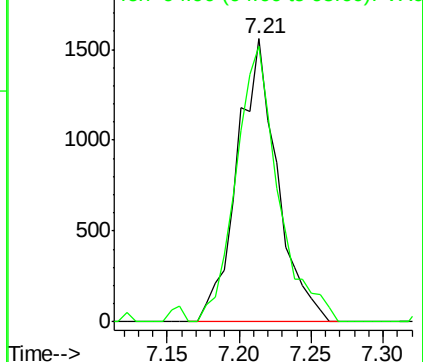
130 100

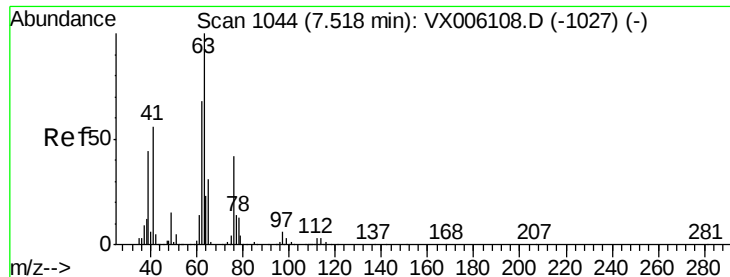
95 97.5 0.0 188.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 1.025 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

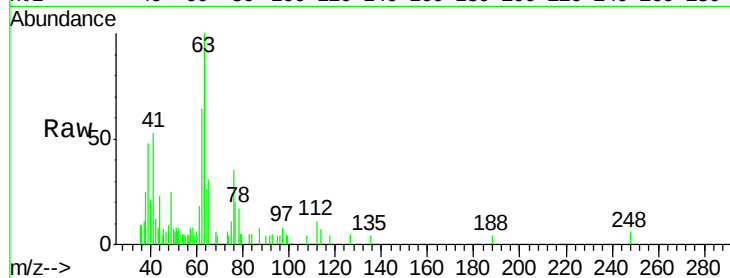
VSTDIC001

Tgt Ion: 63 Resp: 2845

Ion Ratio Lower Upper

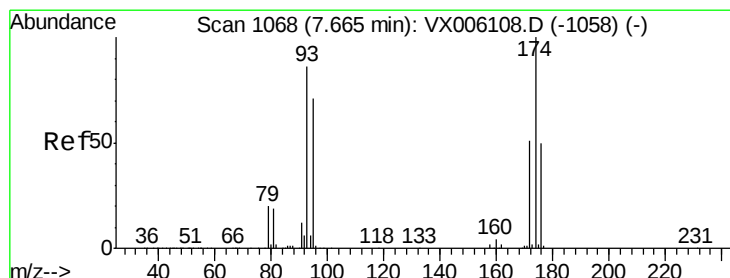
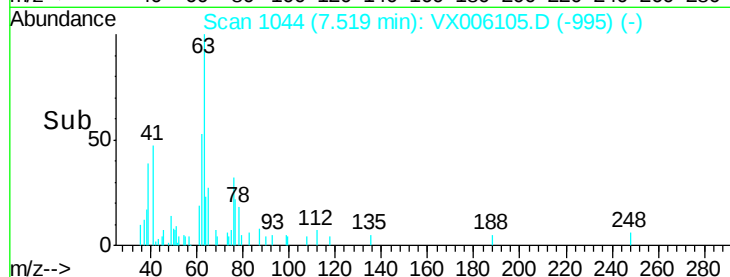
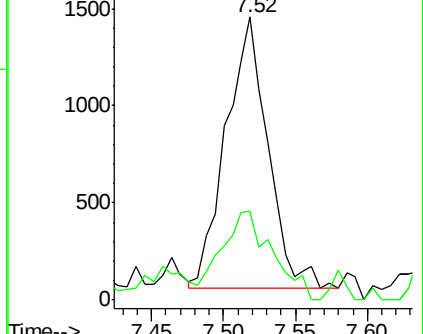
63 100

65 26.1 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 1.140 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

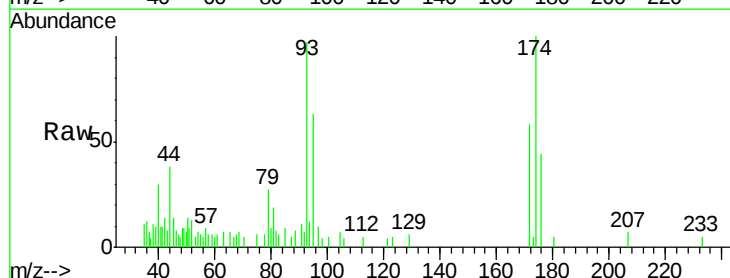
Tgt Ion: 93 Resp: 2167

Ion Ratio Lower Upper

93 100

95 91.3 66.3 99.5

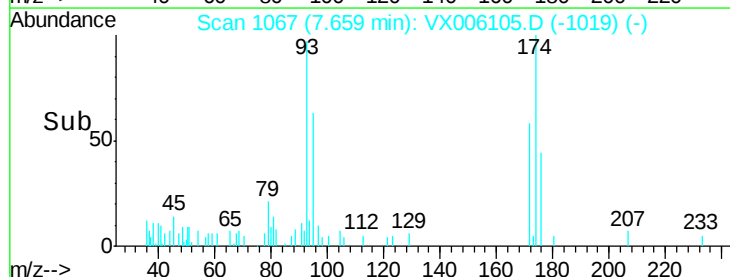
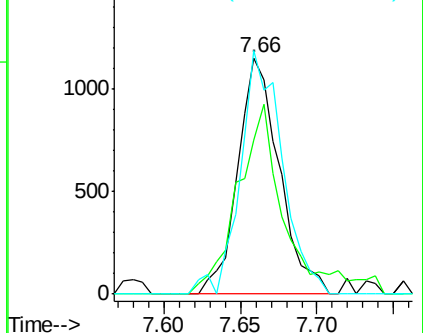
174 104.6 91.0 136.6

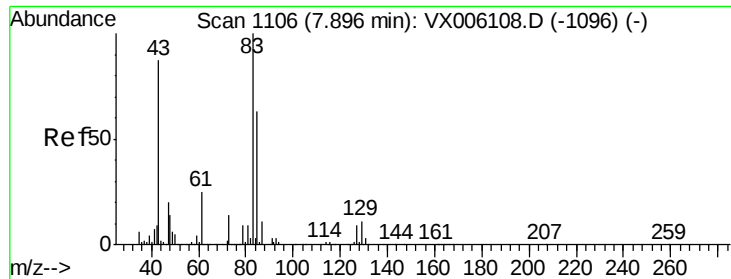


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 1.105 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

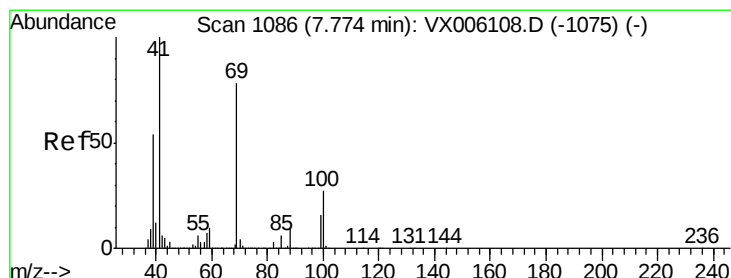
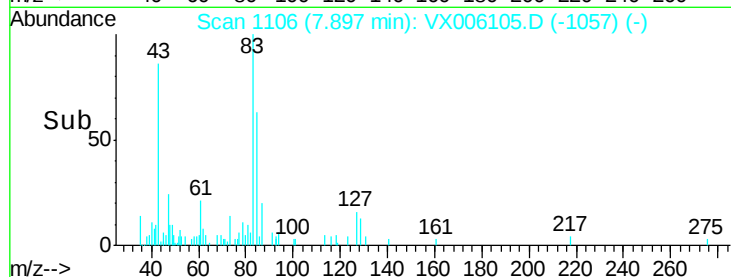
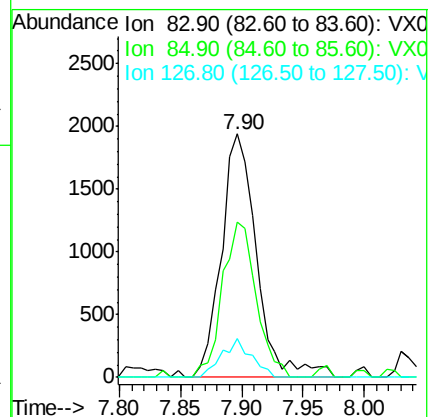
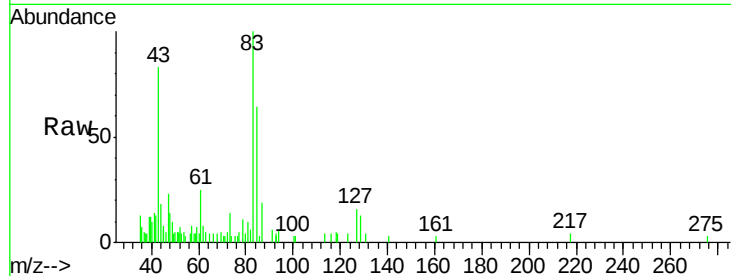
Tgt Ion: 83 Resp: 3884

Ion Ratio Lower Upper

83 100

85 63.8 50.4 75.6

127 15.9 7.0 10.4#



#48

Methyl methacrylate

Concen: 0.850 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

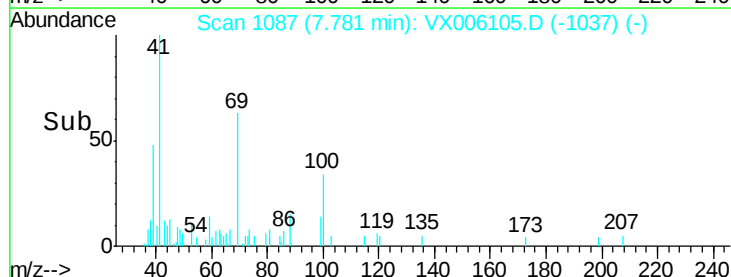
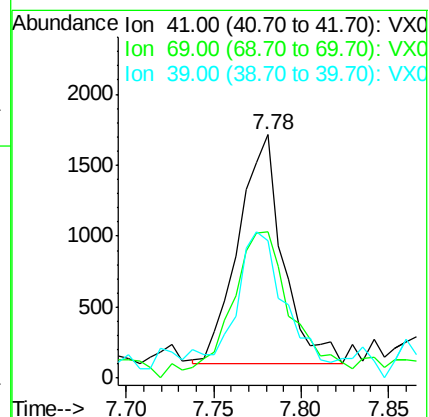
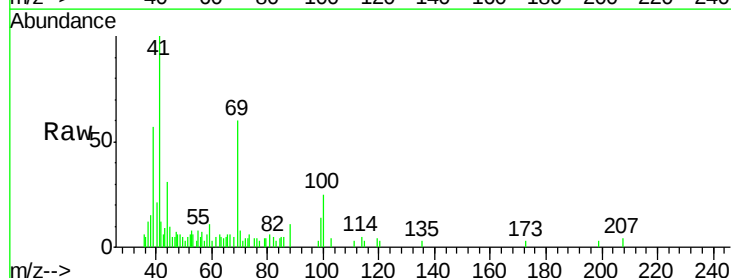
Tgt Ion: 41 Resp: 2850

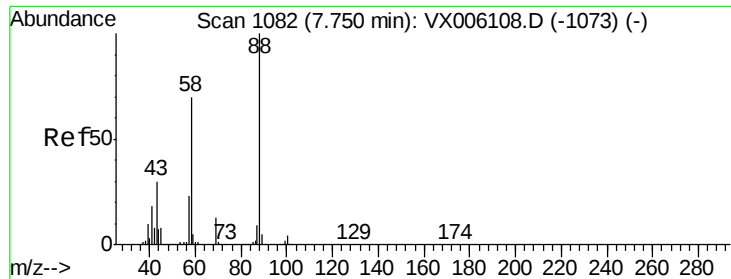
Ion Ratio Lower Upper

41 100

69 88.0 62.8 94.2

39 63.8 43.8 65.6

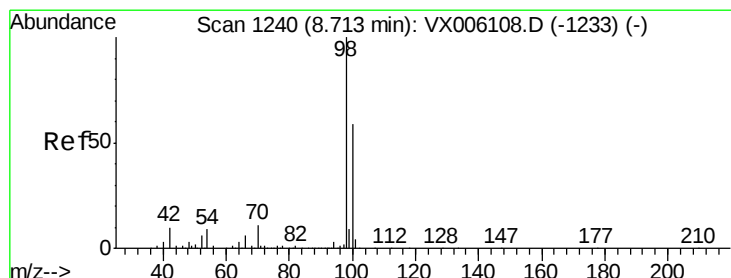
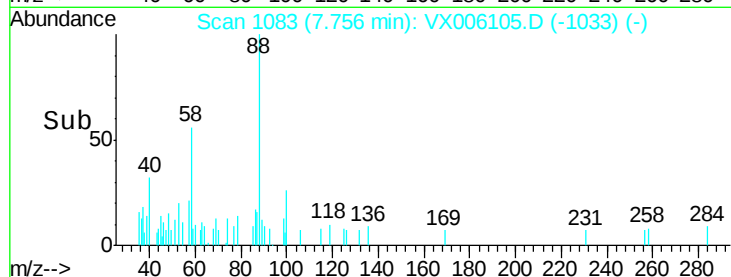
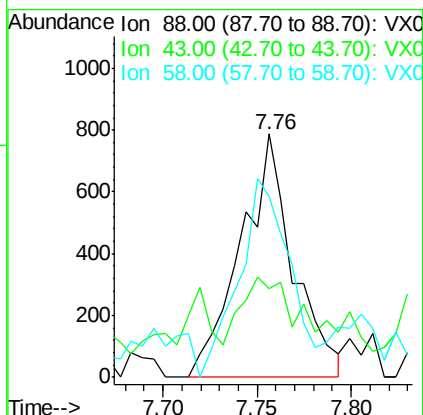
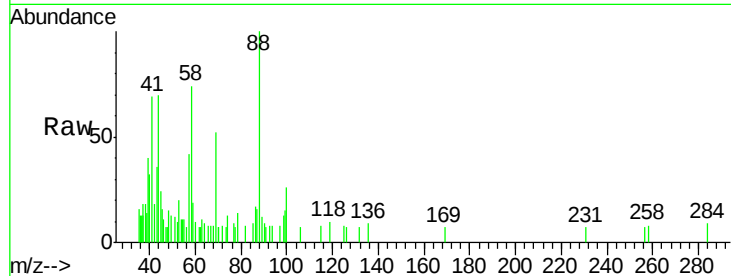




#49
 1,4-Dioxane
 Concen: 19.113 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. 0.01 min
 Lab File: VX006105.D
 Acq: 20 Nov 2018 17:14

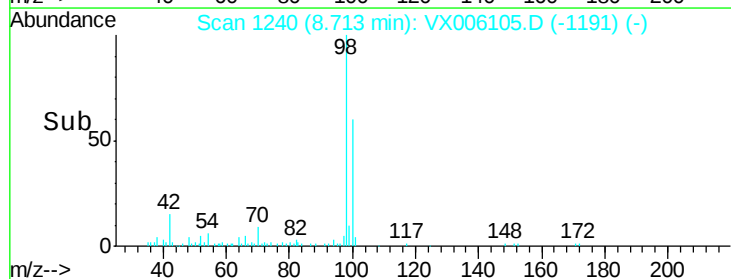
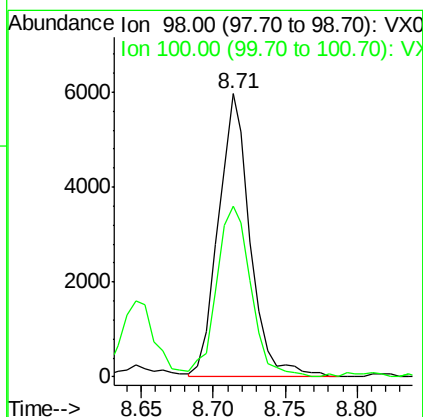
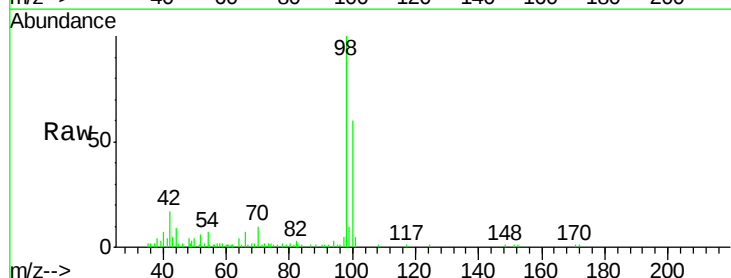
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

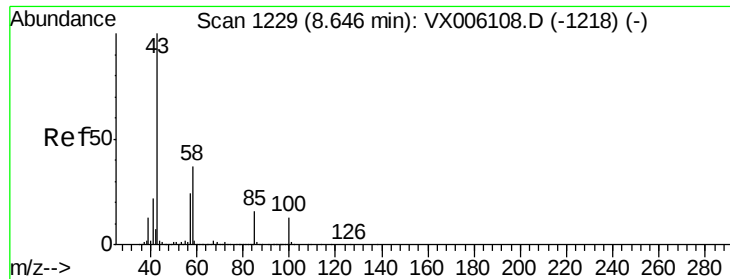
Tgt Ion: 88 Resp: 1521
 Ion Ratio Lower Upper
 88 100
 43 38.8 26.7 40.1
 58 78.5 58.5 87.7



#50
 Toluene-d8
 Concen: 0.964 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX006105.D
 Acq: 20 Nov 2018 17:14

Tgt Ion: 98 Resp: 9231
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.0 76.4

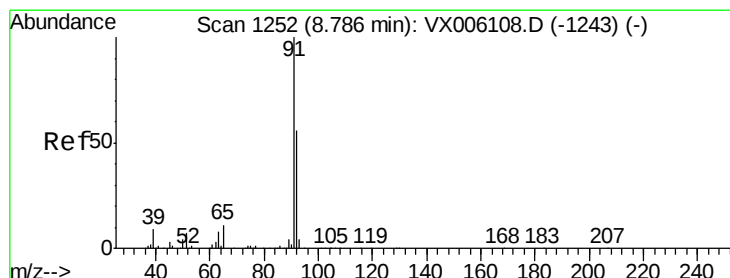
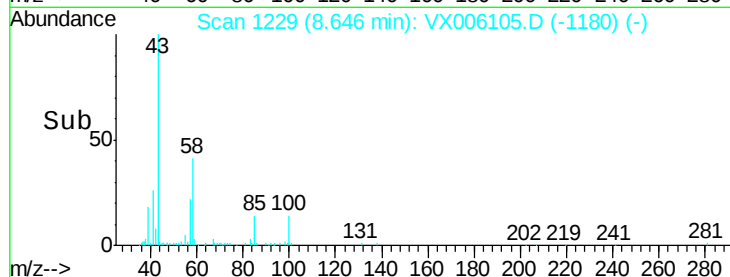
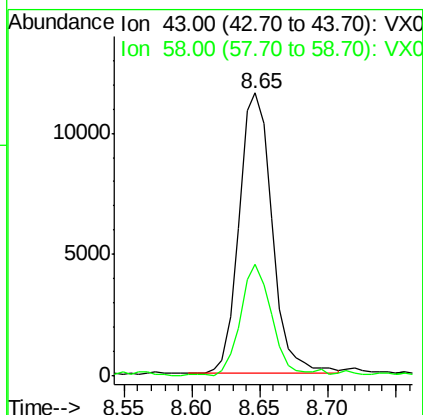
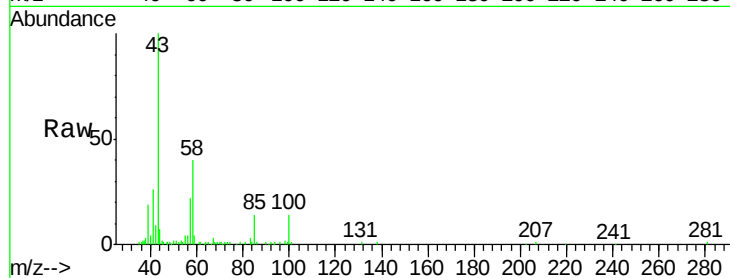




#51
 4-Methyl-2-Pentanone
 Concen: 4.136 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006105.D
 Acq: 20 Nov 2018 17:14

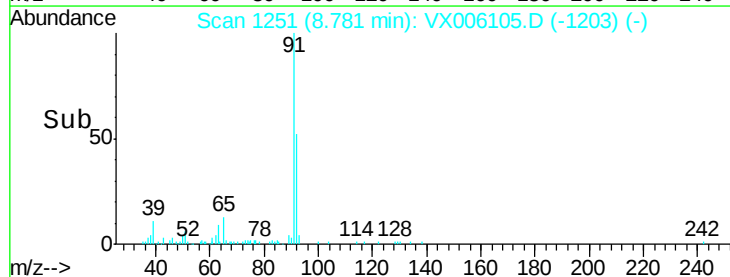
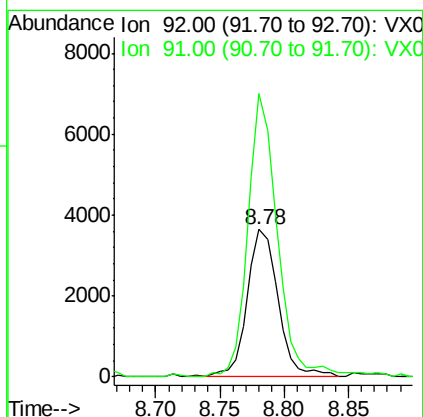
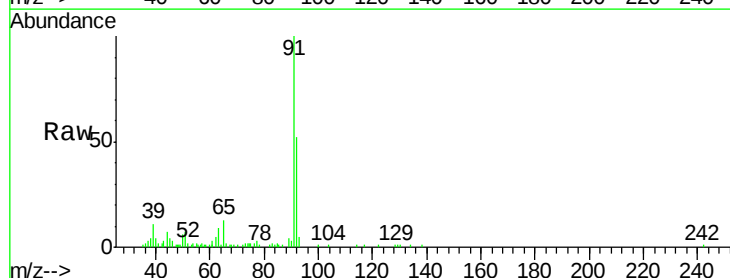
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

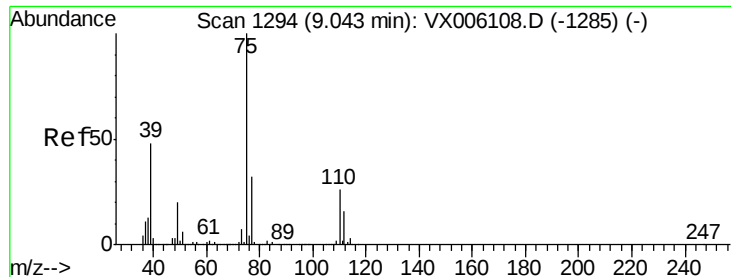
Tgt Ion: 43 Resp: 19608
 Ion Ratio Lower Upper
 43 100
 58 38.4 29.9 44.9



#52
 Toluene
 Concen: 0.935 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX006105.D
 Acq: 20 Nov 2018 17:14

Tgt Ion: 92 Resp: 6067
 Ion Ratio Lower Upper
 92 100
 91 184.1 142.5 213.7

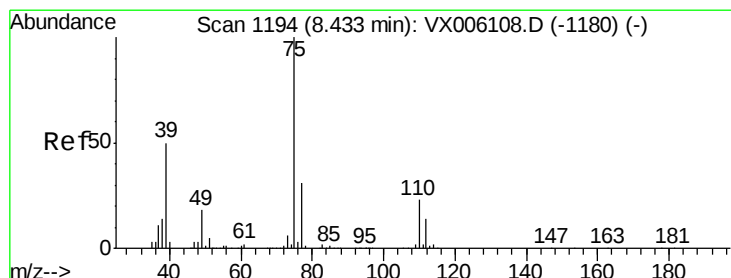
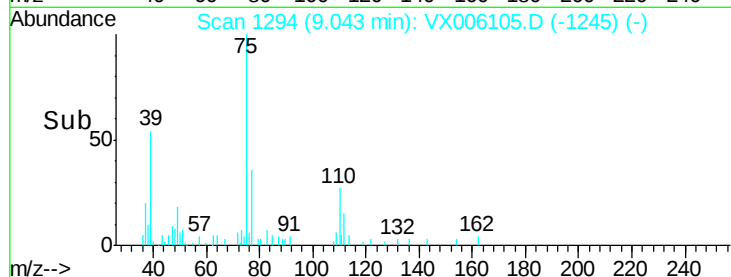
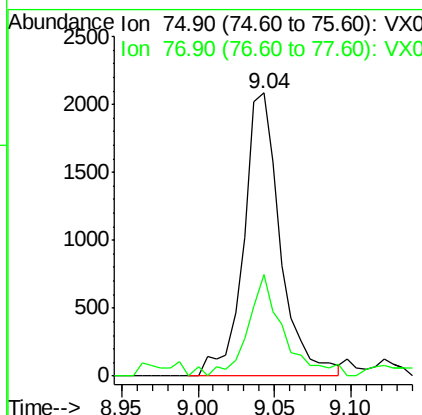
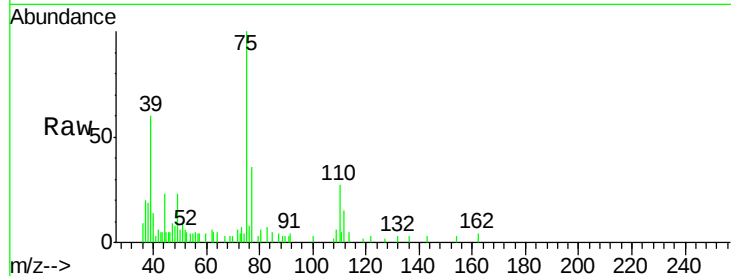




#53
t-1,3-Dichloropropene
Concen: 0.947 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

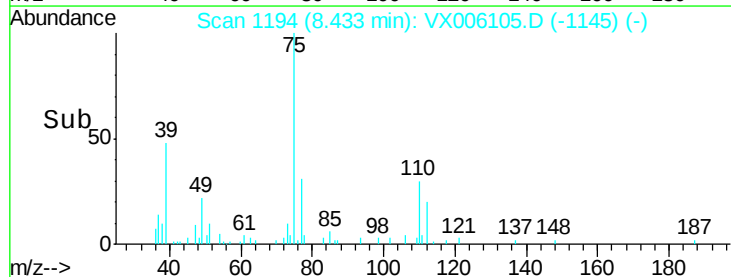
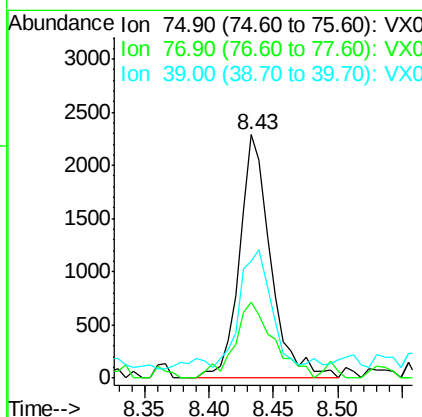
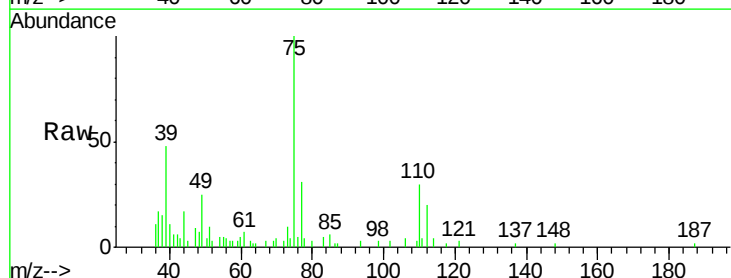
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

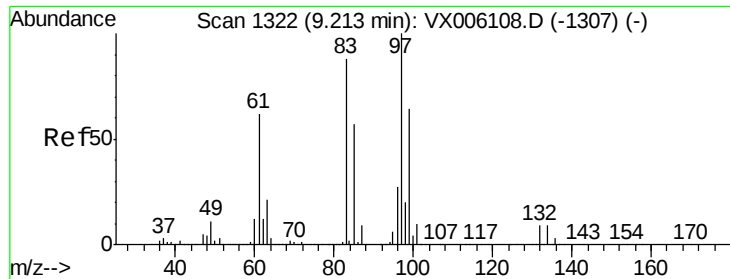
Tgt Ion: 75 Resp: 3473
Ion Ratio Lower Upper
75 100
77 35.7 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 0.946 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

Tgt Ion: 75 Resp: 3835
Ion Ratio Lower Upper
75 100
77 31.1 24.7 37.1
39 41.9 40.3 60.5

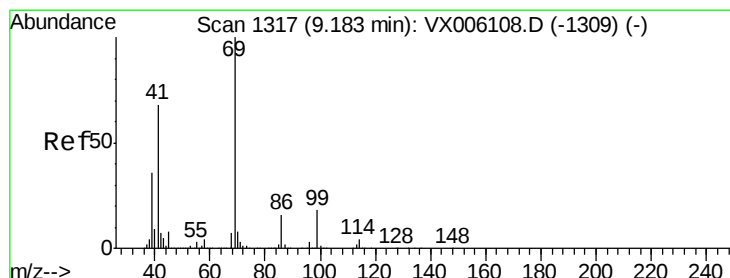
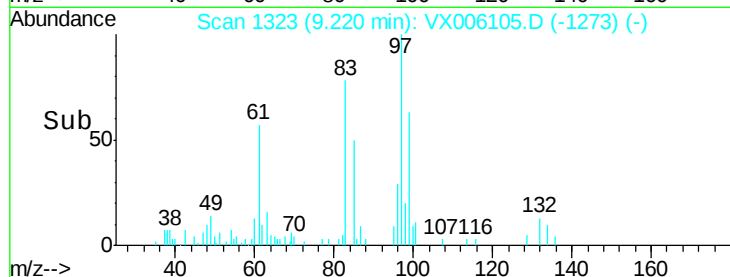
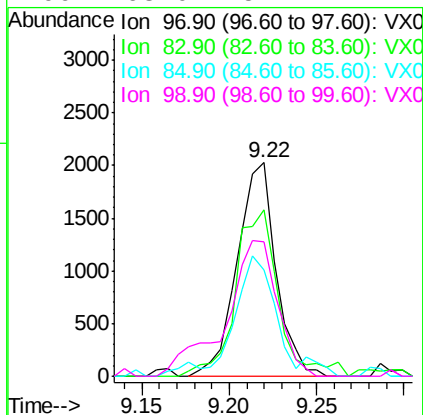
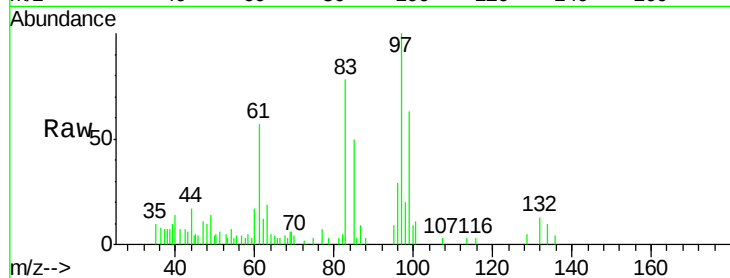




#55
 1,1,2-Trichloroethane
 Concen: 1.115 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX006105.D
 Acq: 20 Nov 2018 17:14

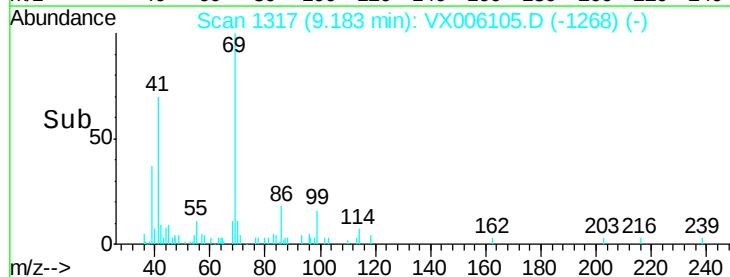
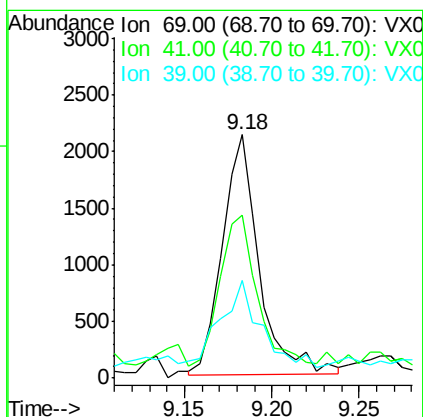
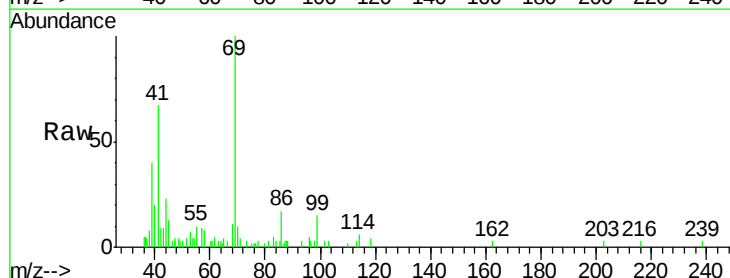
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

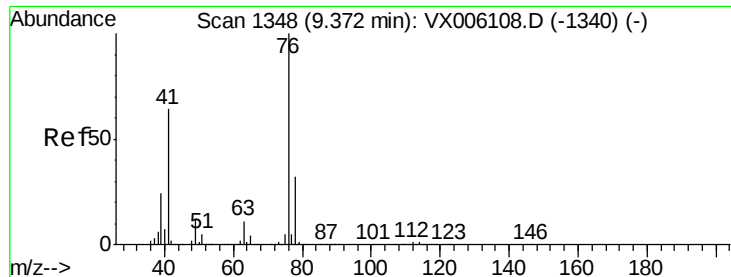
Tgt Ion: 97 Resp: 3132
 Ion Ratio Lower Upper
 97 100
 83 75.0 70.7 106.1
 85 47.0 45.7 68.5
 99 63.0 51.4 77.2



#56
 Ethyl methacrylate
 Concen: 0.807 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006105.D
 Acq: 20 Nov 2018 17:14

Tgt Ion: 69 Resp: 3114
 Ion Ratio Lower Upper
 69 100
 41 73.1 56.2 84.4
 39 39.1 29.4 44.0





#57

1,3-Dichloropropane

Concen: 1.067 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

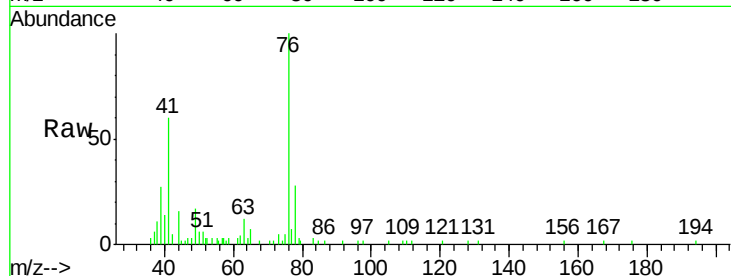
VSTDIC001

Tgt Ion: 76 Resp: 4940

Ion Ratio Lower Upper

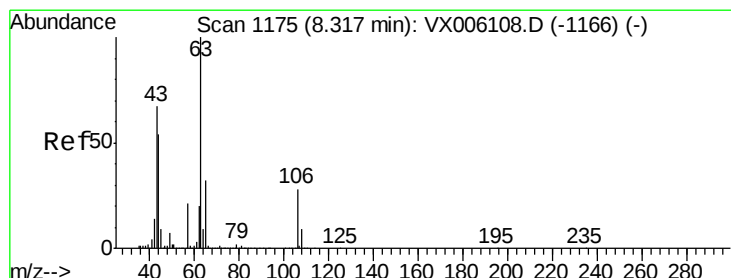
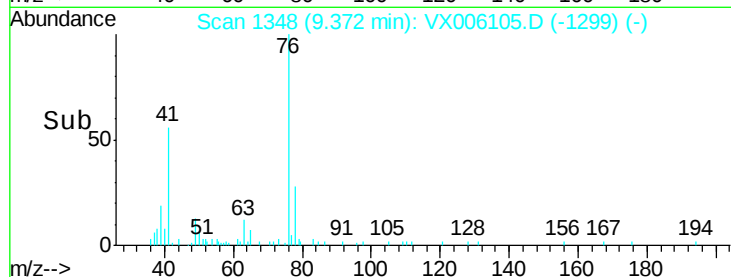
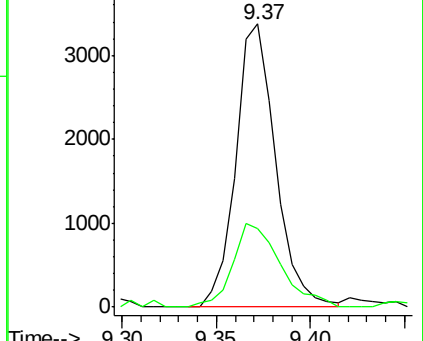
76 100

78 35.5 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: 3.548 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX006105.D

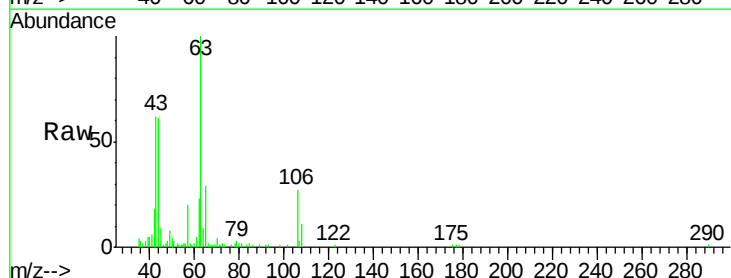
Acq: 20 Nov 2018 17:14

Tgt Ion: 63 Resp: 7865

Ion Ratio Lower Upper

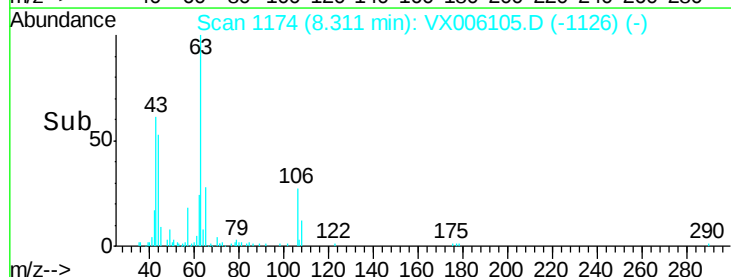
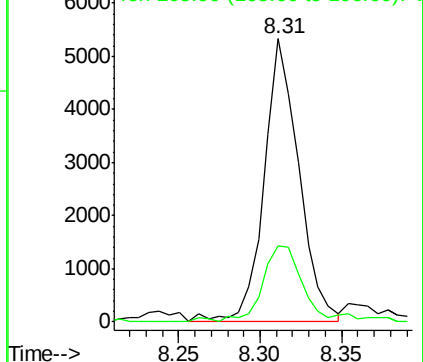
63 100

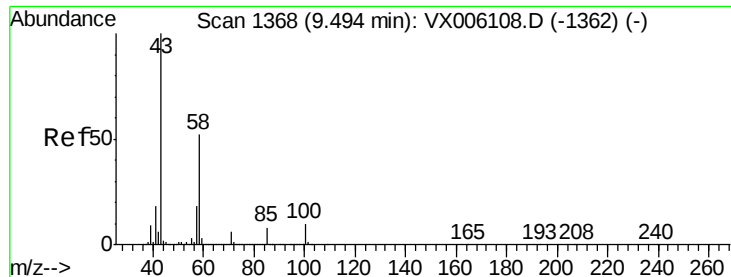
106 32.1 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

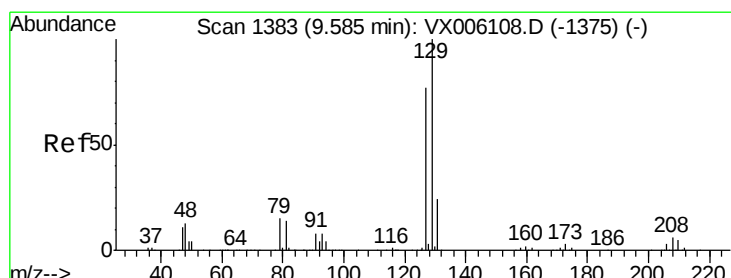
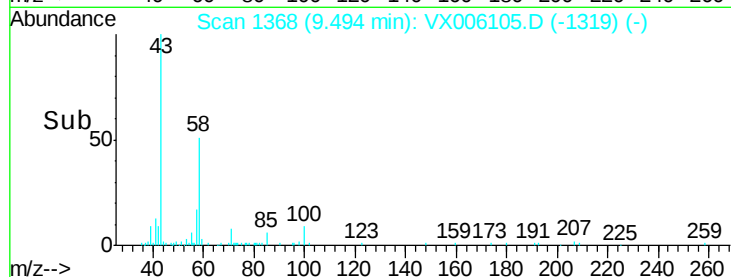
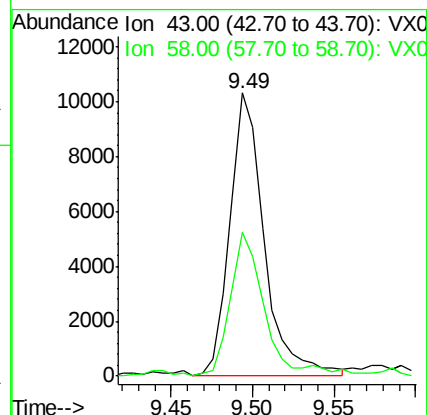
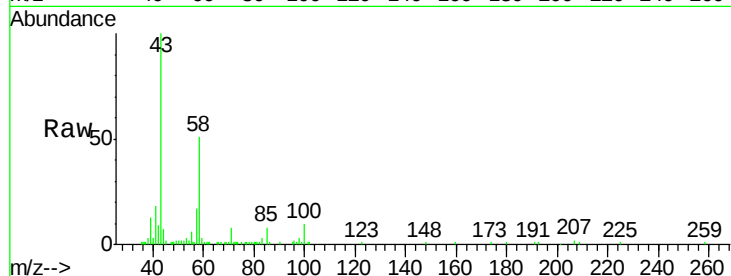




#59
2-Hexanone
Concen: 4.032 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

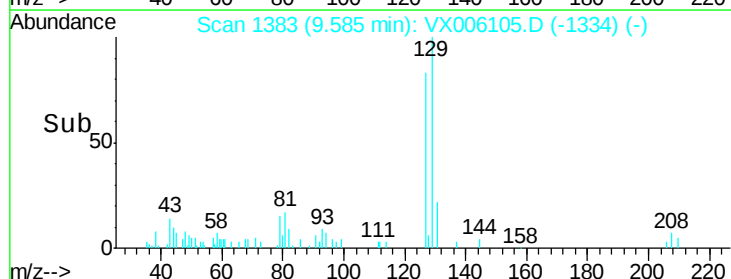
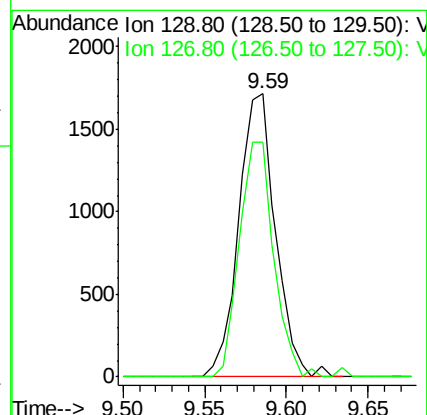
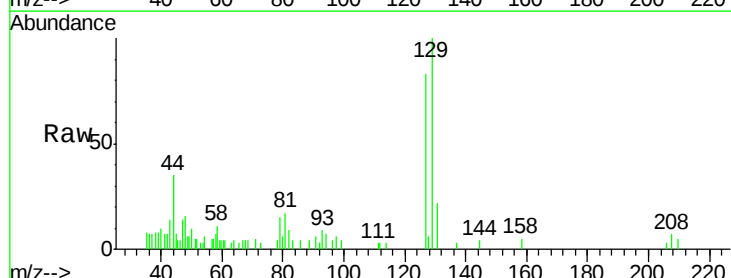
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

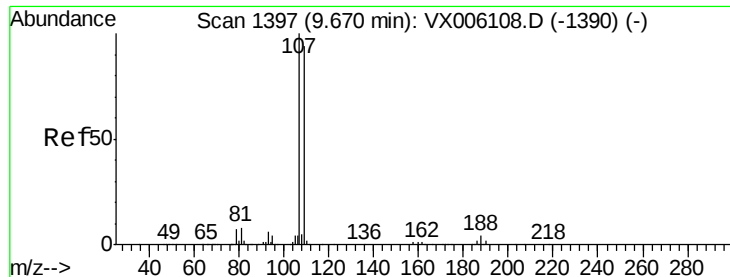
Tgt Ion: 43 Resp: 15170
Ion Ratio Lower Upper
43 100
58 47.6 26.3 78.9



#60
Dibromochloromethane
Concen: 0.979 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

Tgt Ion: 129 Resp: 2696
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.5





#61

1,2-Dibromoethane

Concen: 1.003 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

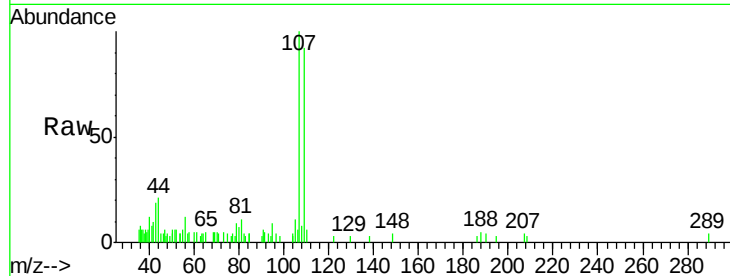
VSTDIC001

Tgt Ion: 107 Resp: 2902

Ion Ratio Lower Upper

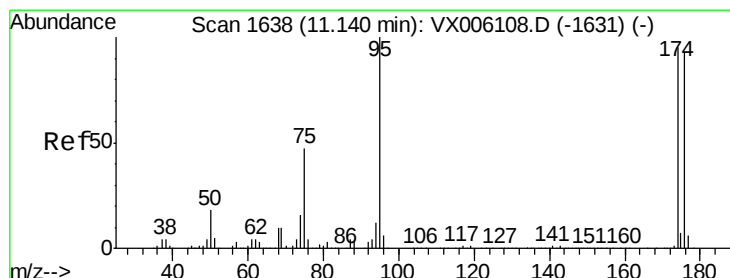
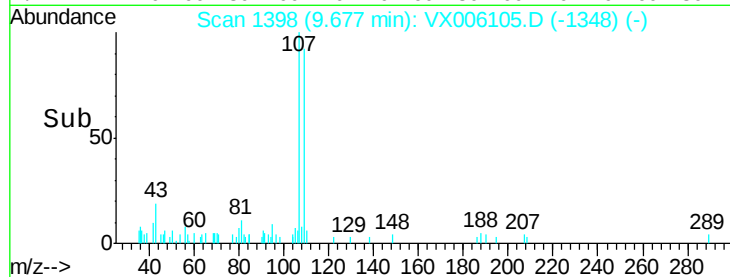
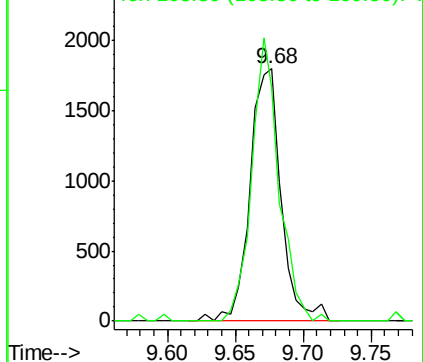
107 100

109 98.2 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.830 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

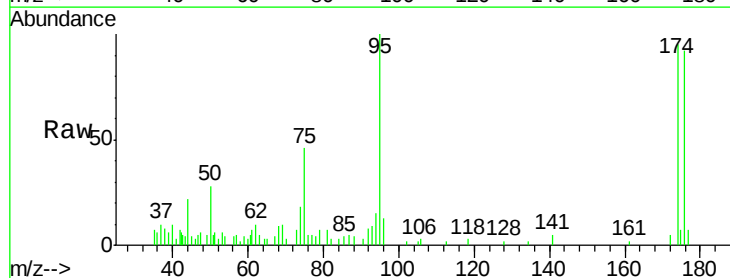
Tgt Ion: 95 Resp: 2982

Ion Ratio Lower Upper

95 100

174 94.6 0.0 184.4

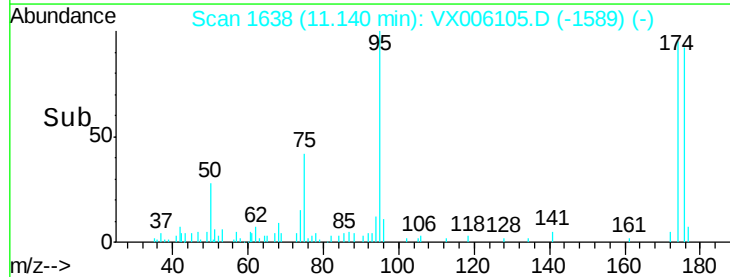
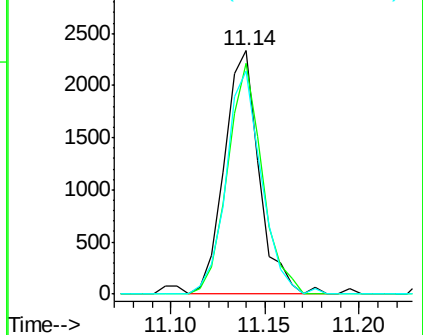
176 93.7 0.0 179.0

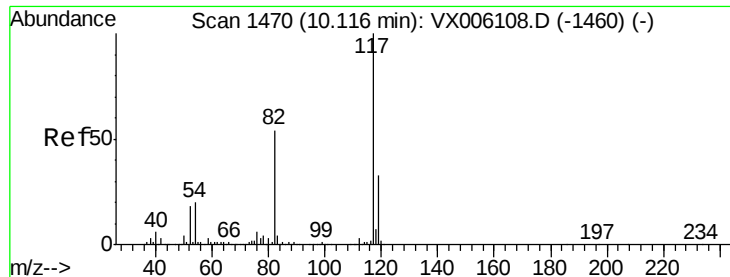


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

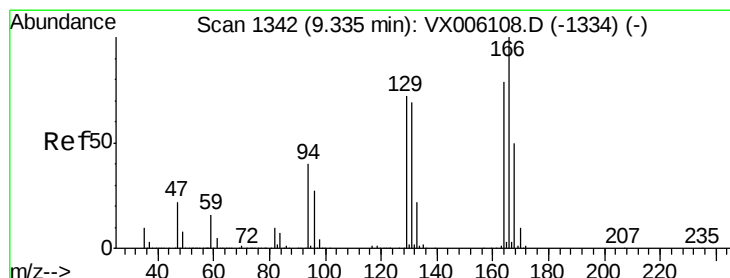
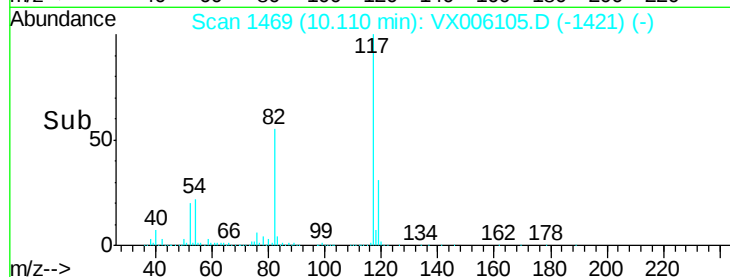
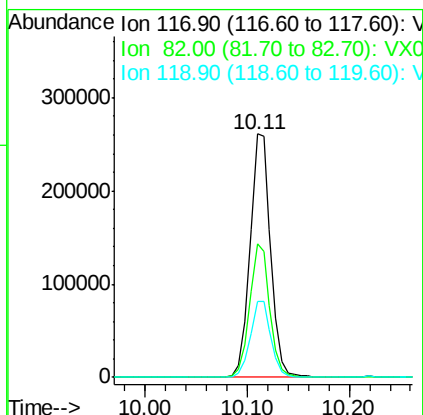
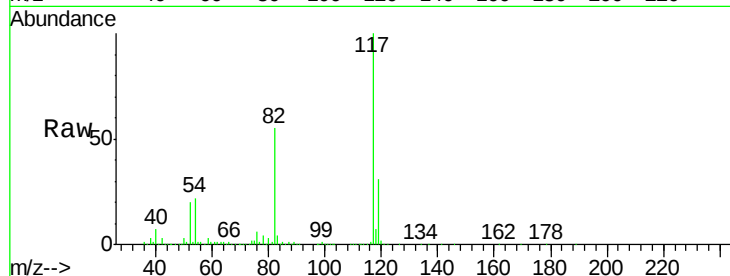




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

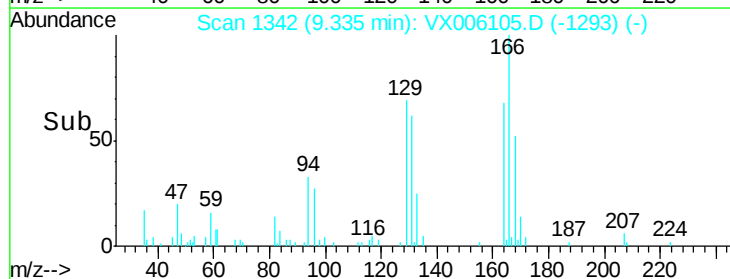
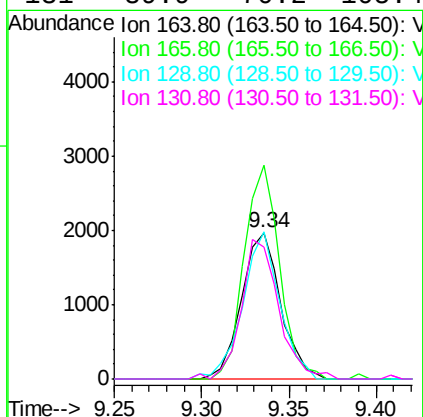
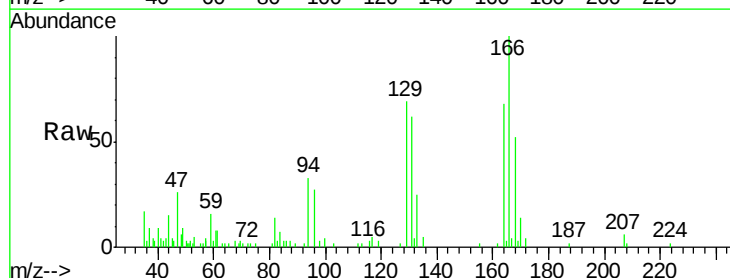
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

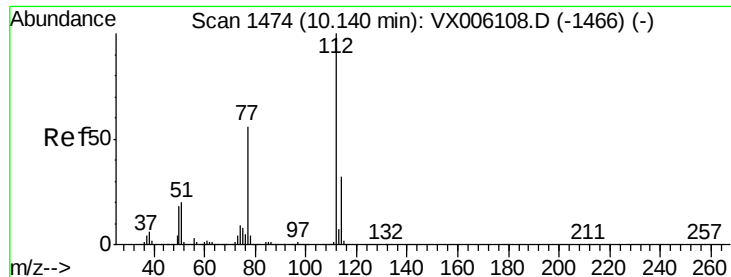
Tgt Ion:117 Resp: 367937
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 31.4 26.1 39.1



#64
Tetrachloroethene
Concen: 1.015 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

Tgt Ion:164 Resp: 3073
Ion Ratio Lower Upper
164 100
166 146.1 101.5 152.3
129 100.7 73.4 110.0
131 89.9 70.2 105.4





#65

Chlorobenzene

Concen: 0.993 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

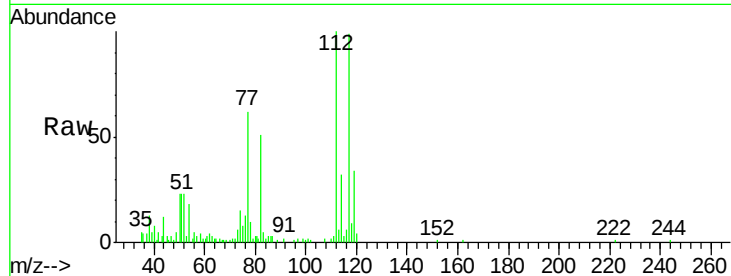
VSTDIC001

Tgt Ion:112 Resp: 7494

Ion Ratio Lower Upper

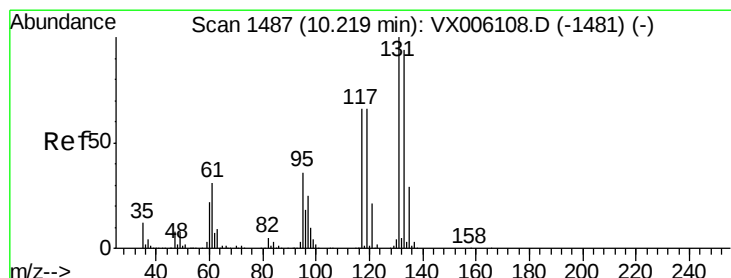
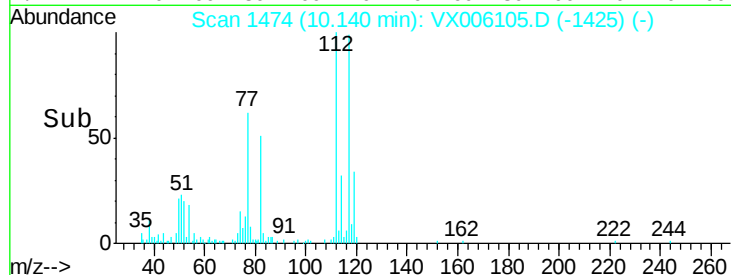
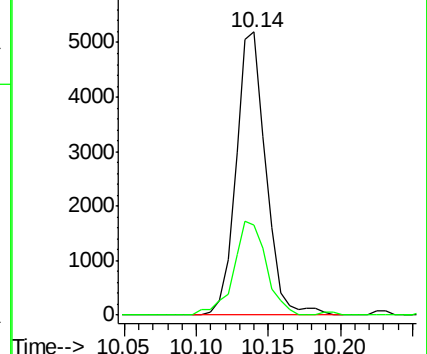
112 100

114 31.9 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.997 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

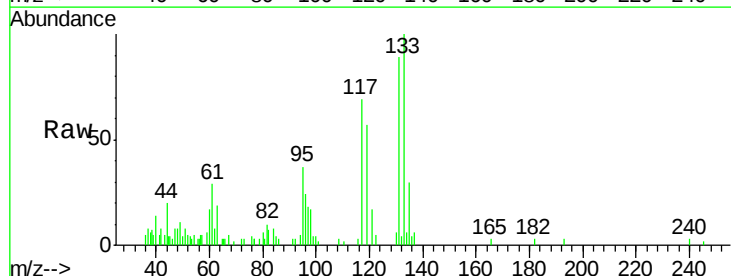
Tgt Ion:131 Resp: 2583

Ion Ratio Lower Upper

131 100

133 104.3 48.0 144.2

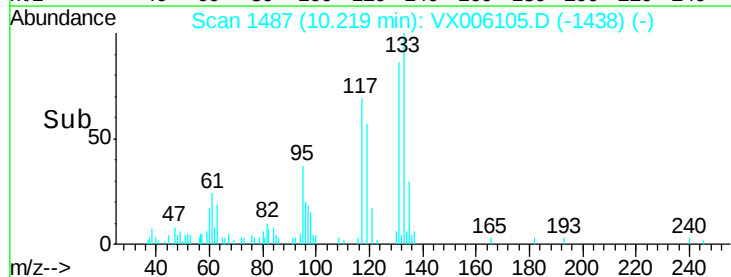
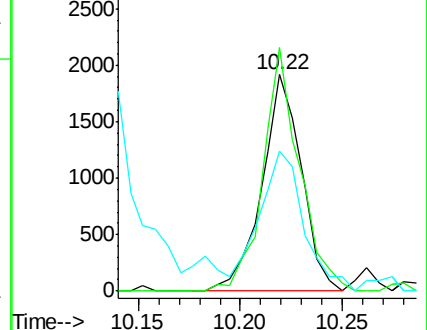
119 0.0 32.6 97.8#

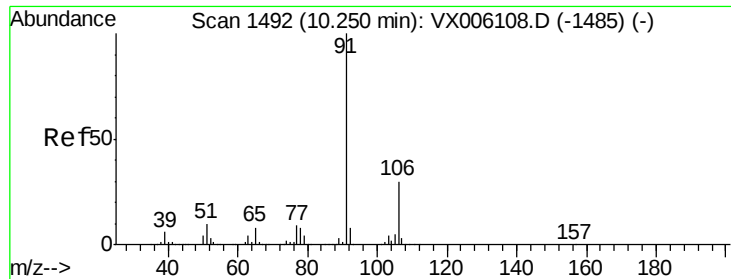


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 0.883 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

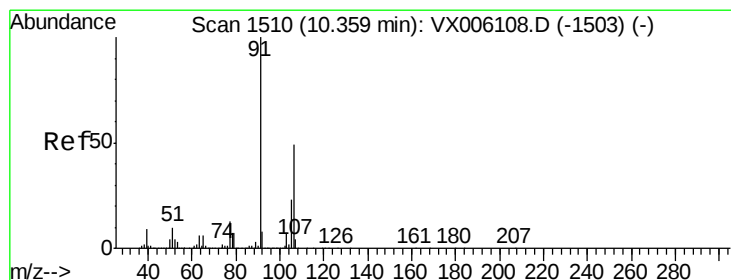
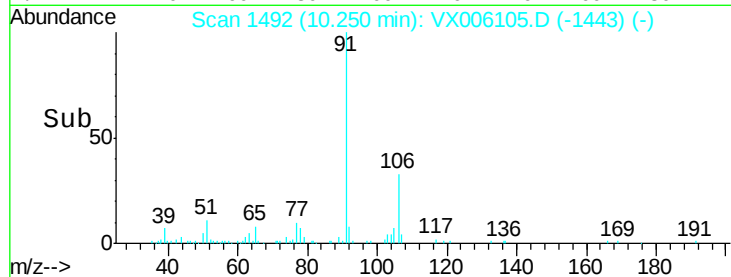
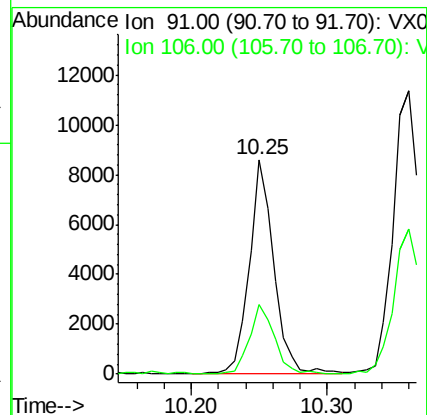
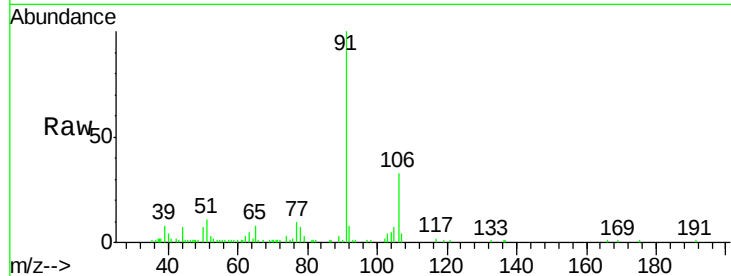
VSTDIC001

Tgt Ion: 91 Resp: 10911

Ion Ratio Lower Upper

91 100

106 32.6 24.4 36.6



#68

m/p-Xylenes

Concen: 1.774 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006105.D

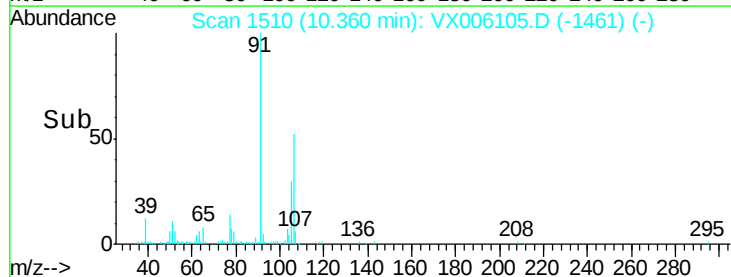
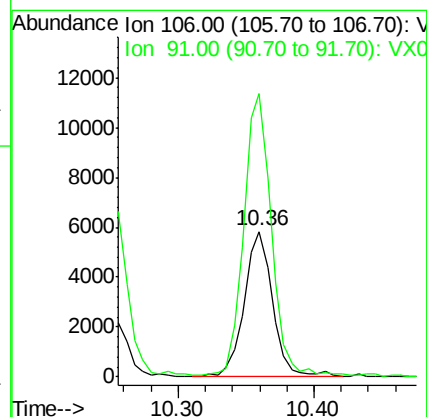
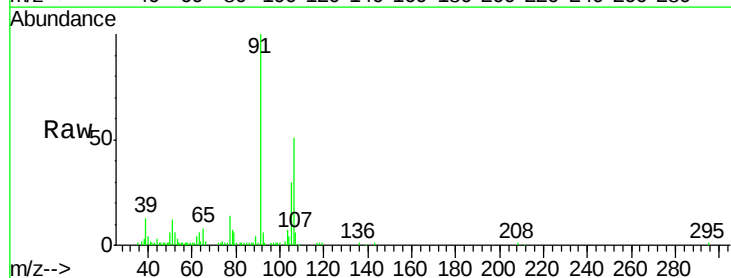
Acq: 20 Nov 2018 17:14

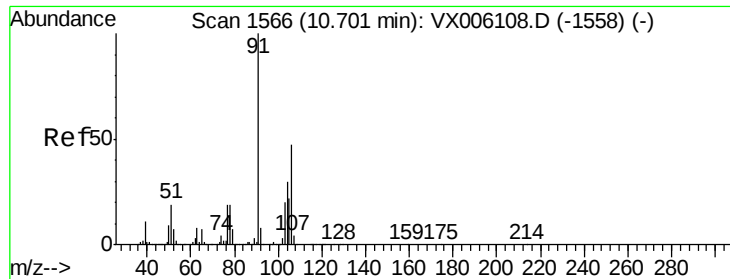
Tgt Ion: 106 Resp: 8535

Ion Ratio Lower Upper

106 100

91 186.0 162.0 243.0

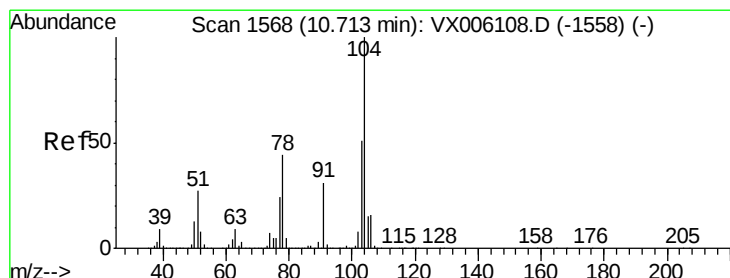
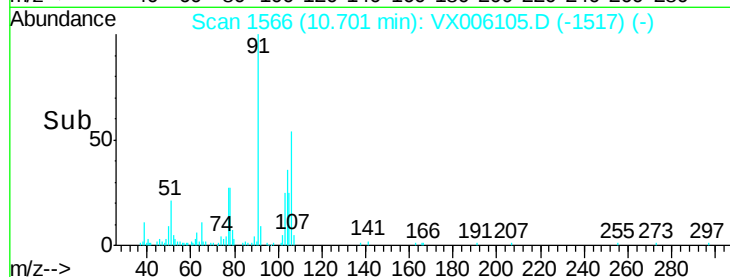
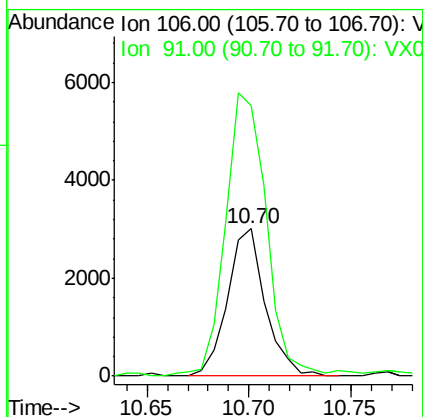
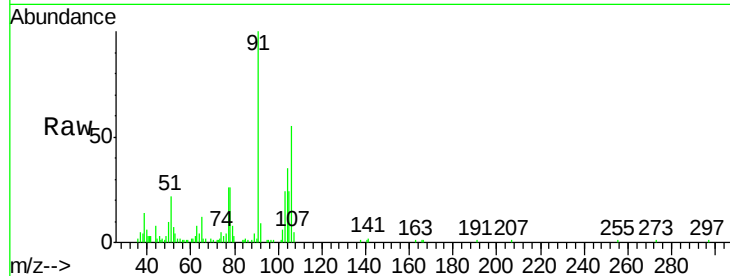




#69
o-Xylene
Concen: 0.842 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

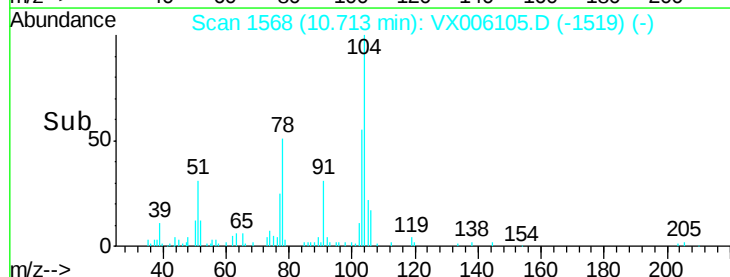
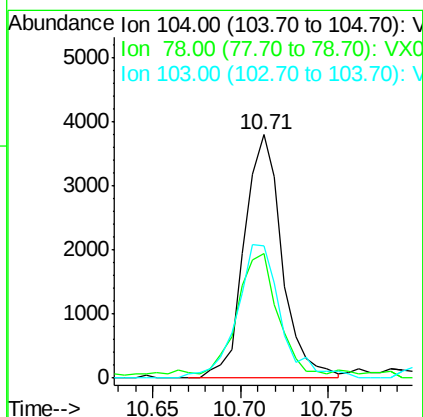
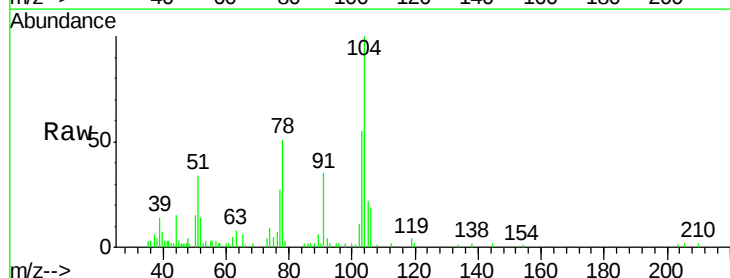
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

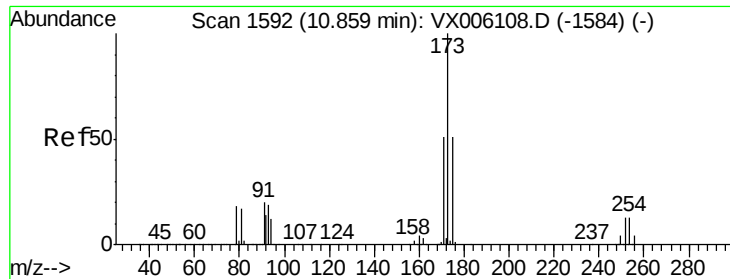
Tgt Ion:106 Resp: 3869
Ion Ratio Lower Upper
106 100
91 208.8 107.4 322.2



#70
Styrene
Concen: 0.761 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

Tgt Ion:104 Resp: 5700
Ion Ratio Lower Upper
104 100
78 53.0 39.4 59.2
103 63.5 44.6 67.0





#71

Bromoform

Concen: 1.006 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

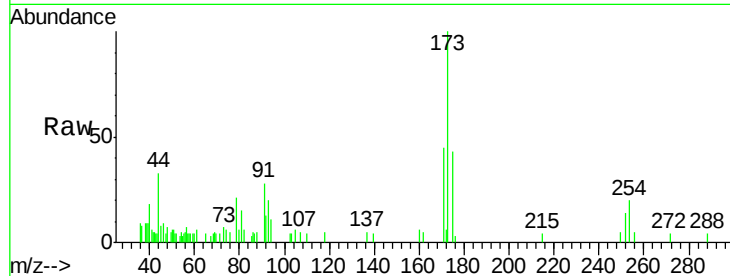
Tgt Ion:173 Resp: 2334

Ion Ratio Lower Upper

173 100

175 43.4 24.9 74.6

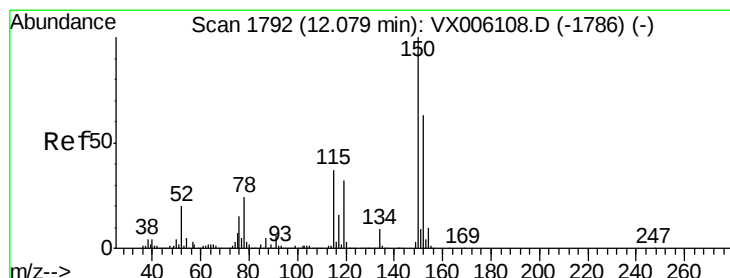
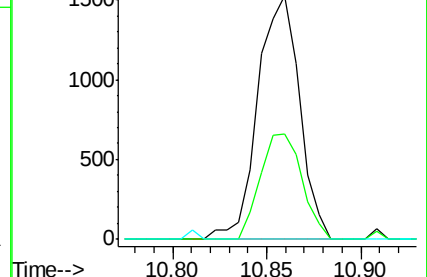
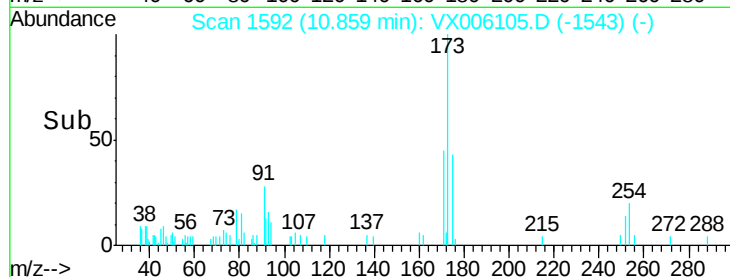
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

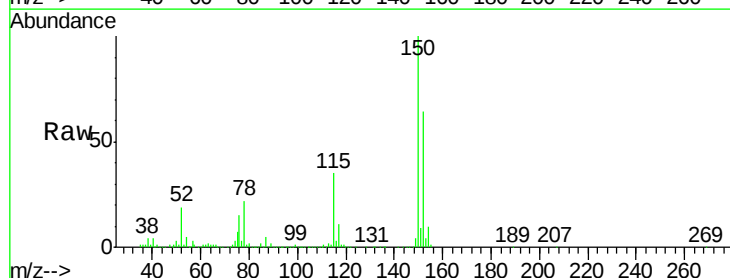
Tgt Ion:152 Resp: 187427

Ion Ratio Lower Upper

152 100

115 55.2 39.0 116.9

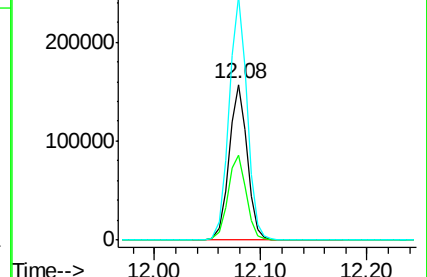
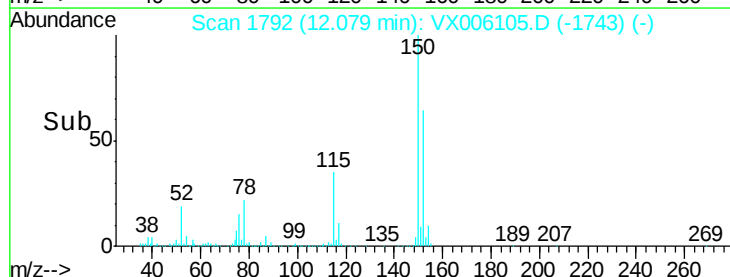
150 156.0 0.0 346.6

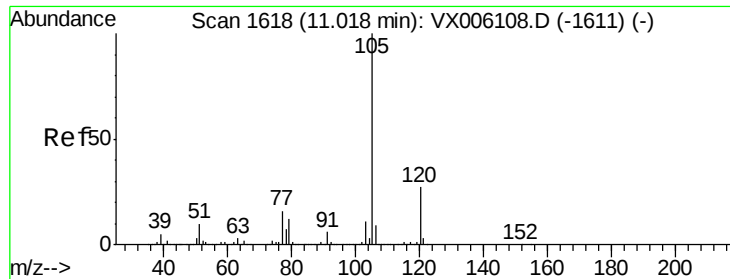


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.838 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

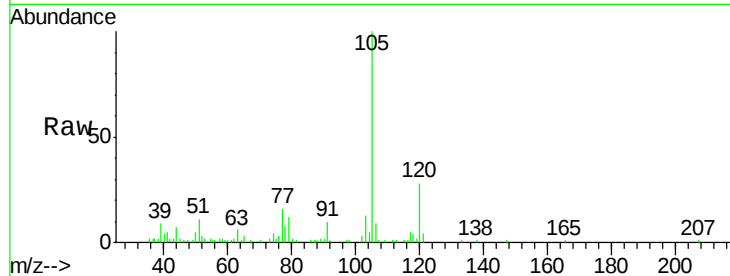
VSTDIC001

Tgt Ion:105 Resp: 9505

Ion Ratio Lower Upper

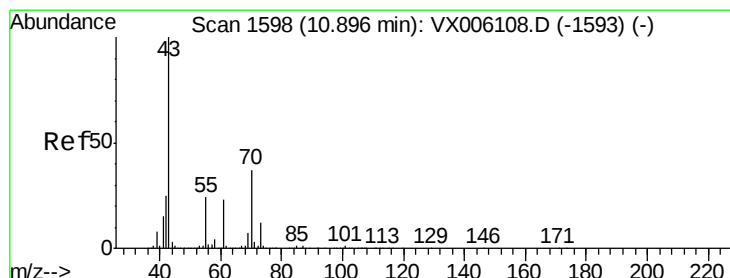
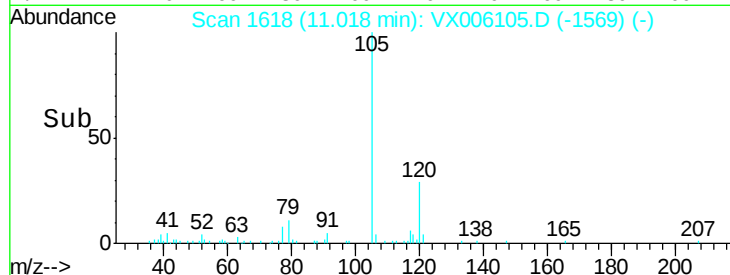
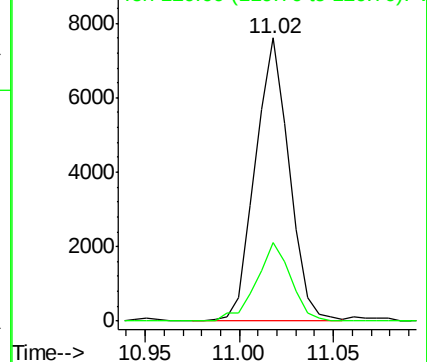
105 100

120 28.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.800 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Tgt Ion: 43 Resp: 4117

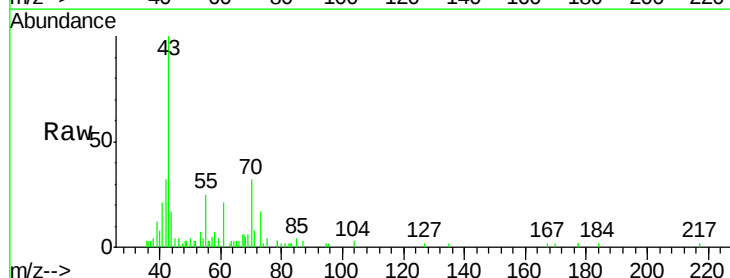
Ion Ratio Lower Upper

43 100

70 38.7 31.8 47.6

55 32.7 19.5 29.3#

61 24.7 18.6 27.8

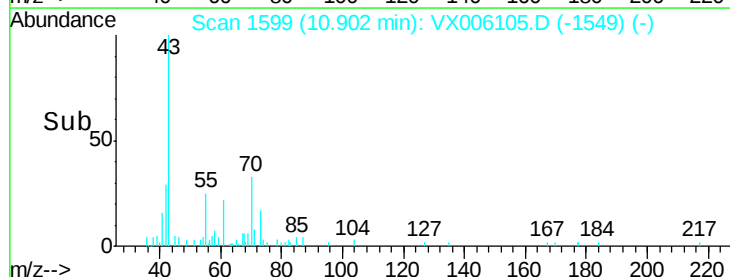
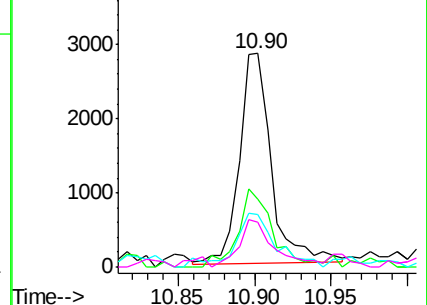


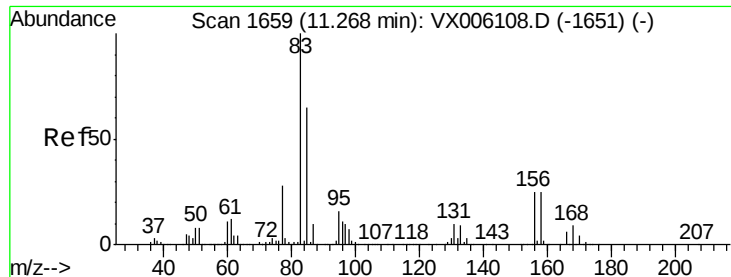
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.106 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

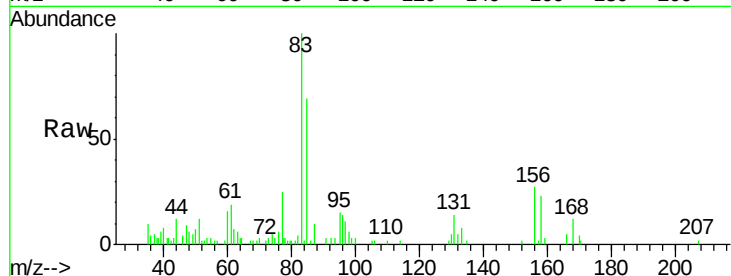
Tgt Ion: 83 Resp: 4728

Ion Ratio Lower Upper

83 100

131 11.8 5.2 15.6

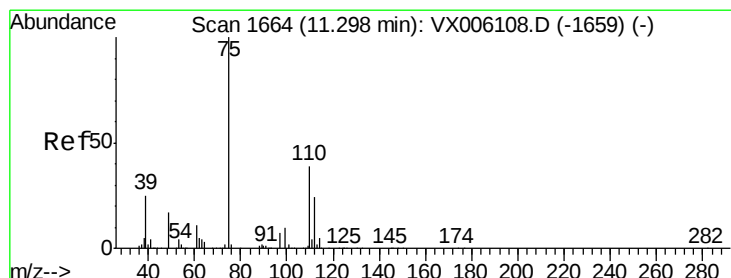
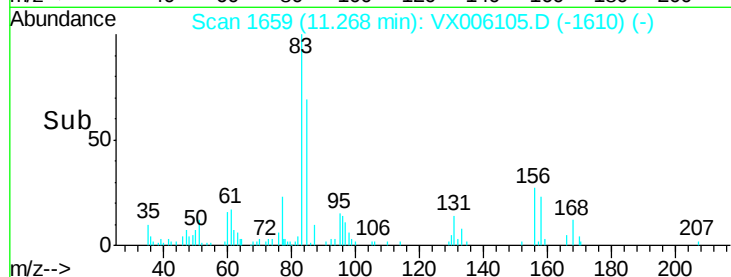
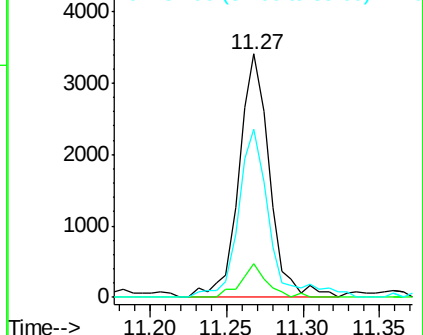
85 65.6 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.308 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006105.D

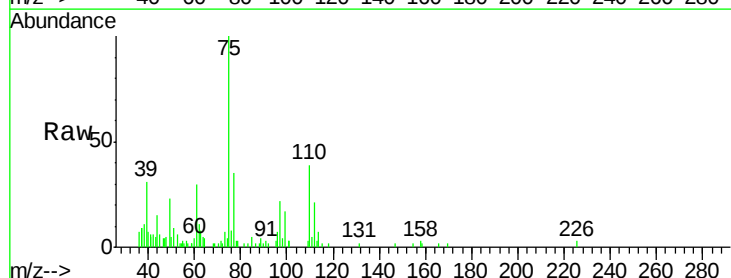
Acq: 20 Nov 2018 17:14

Tgt Ion: 75 Resp: 5049

Ion Ratio Lower Upper

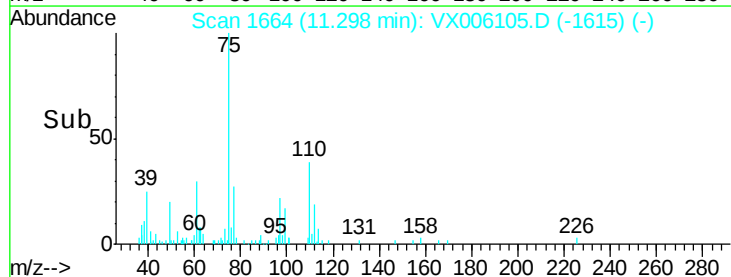
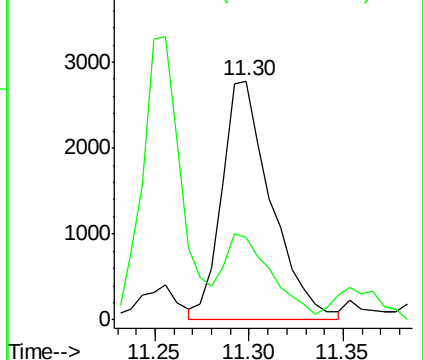
75 100

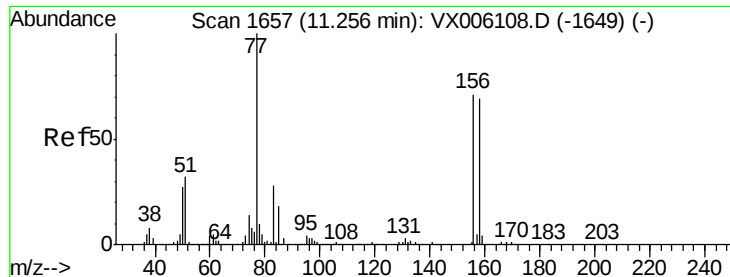
77 34.9 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.000 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

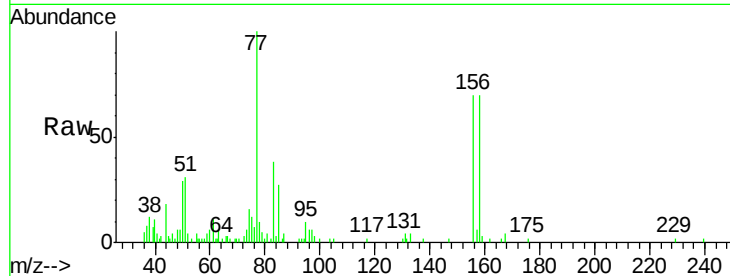
Tgt Ion:156 Resp: 3177

Ion Ratio Lower Upper

156 100

77 148.5 74.3 222.8

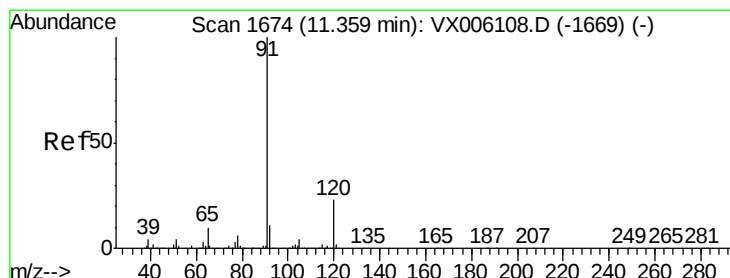
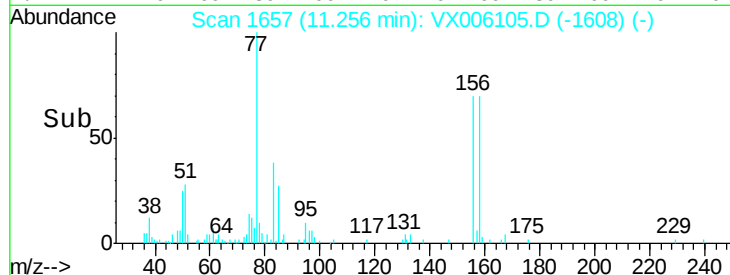
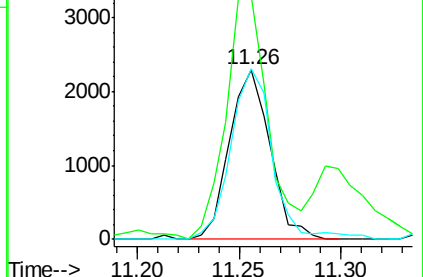
158 103.1 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.834 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006105.D

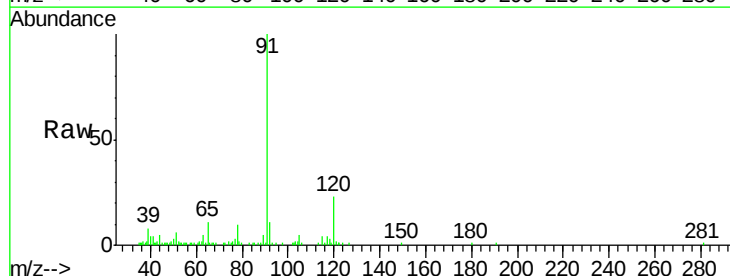
Acq: 20 Nov 2018 17:14

Tgt Ion: 91 Resp: 11015

Ion Ratio Lower Upper

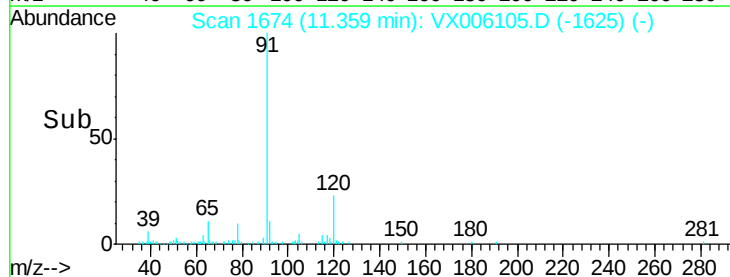
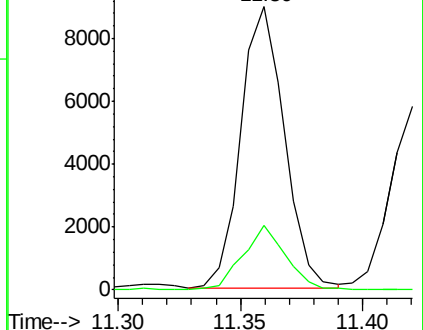
91 100

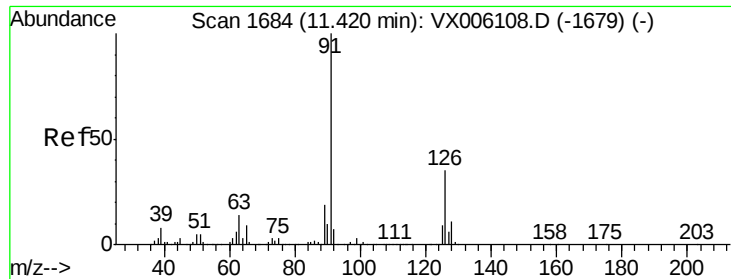
120 23.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

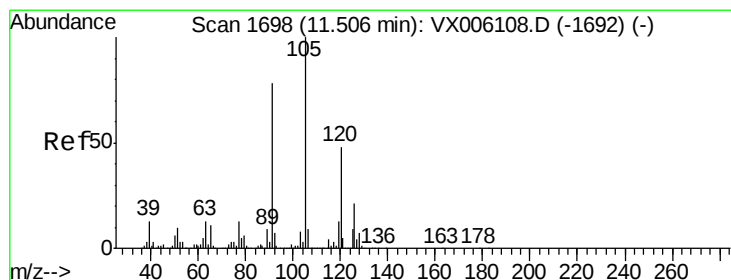
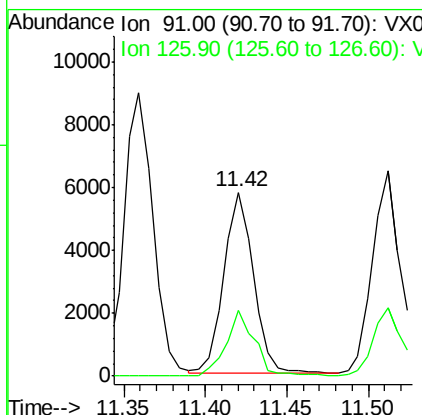
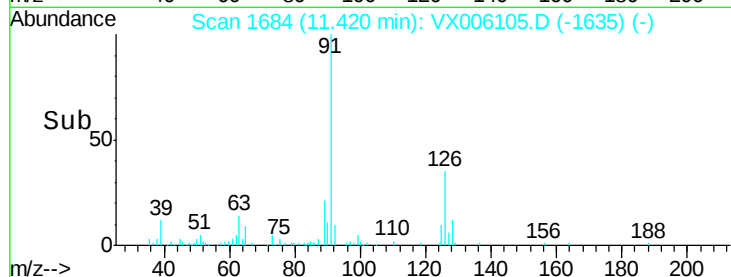
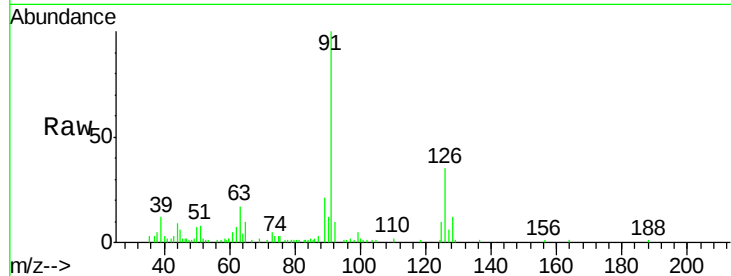




#79
 2-Chlorotoluene
 Concen: 0.911 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX006105.D
 Acq: 20 Nov 2018 17:14

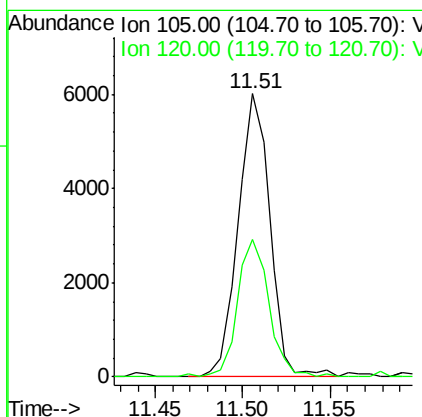
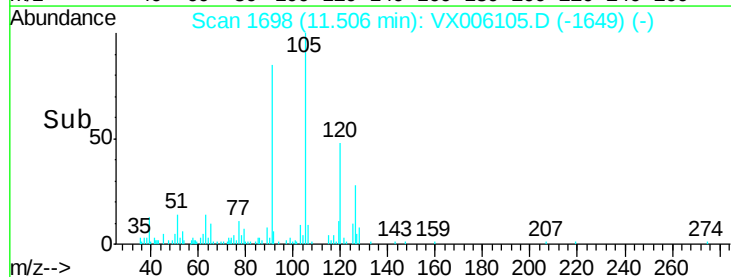
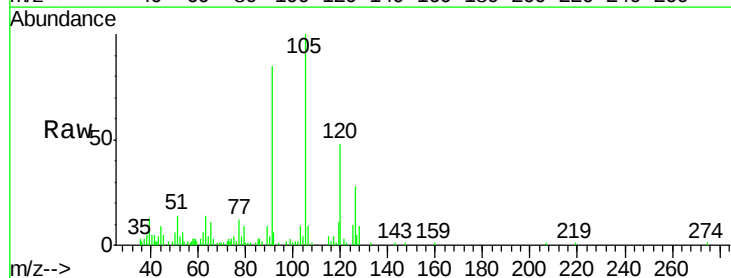
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

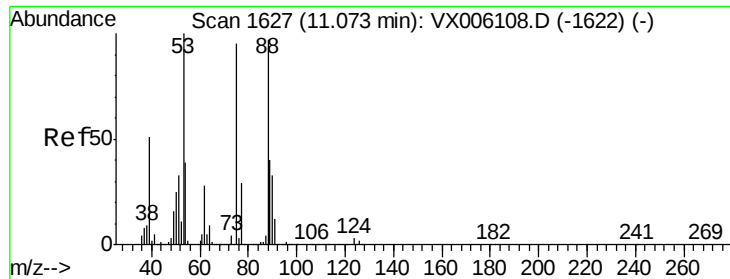
Tgt Ion: 91 Resp: 7282
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 0.794 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006105.D
 Acq: 20 Nov 2018 17:14

Tgt Ion: 105 Resp: 7596
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 0.921 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

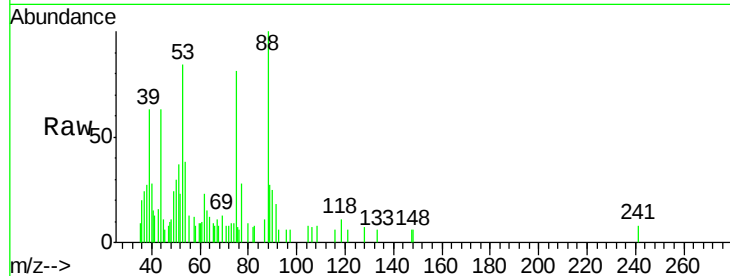
Tgt Ion: 75 Resp: 1051

Ion Ratio Lower Upper

75 100

53 155.9 85.3 127.9#

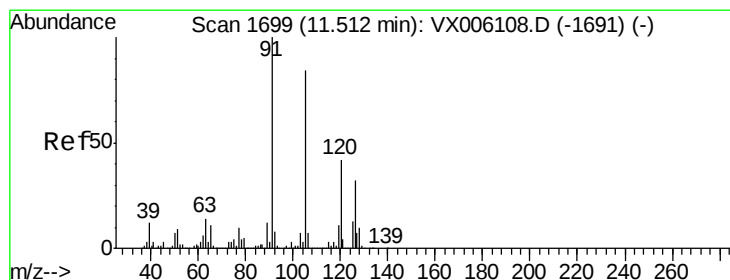
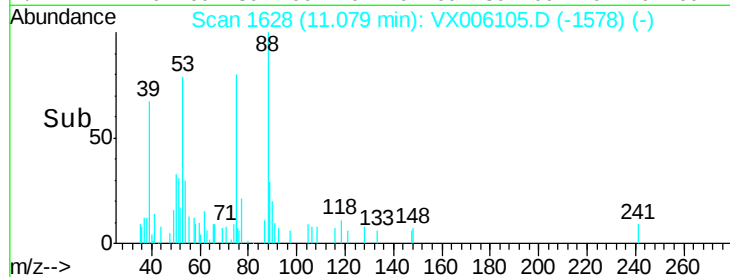
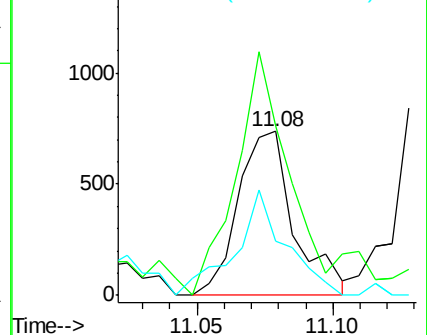
89 58.2 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.826 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006105.D

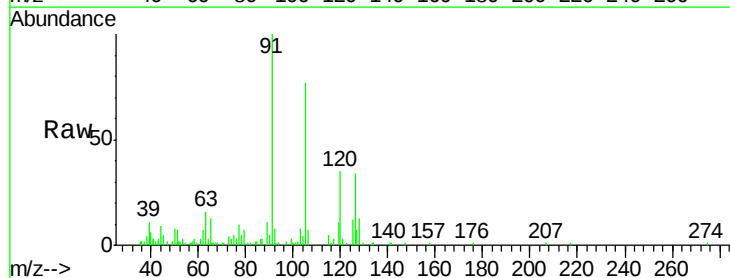
Acq: 20 Nov 2018 17:14

Tgt Ion: 91 Resp: 7701

Ion Ratio Lower Upper

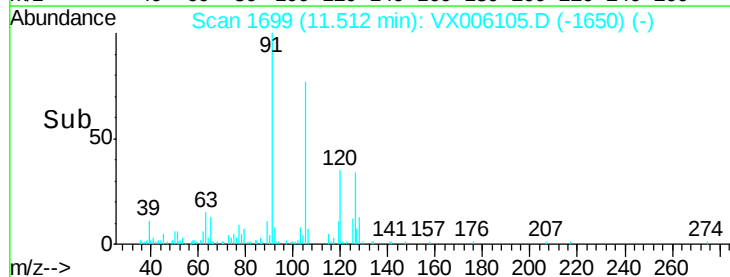
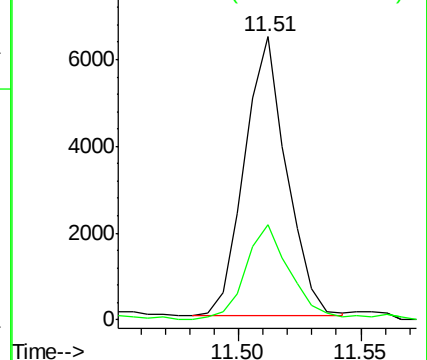
91 100

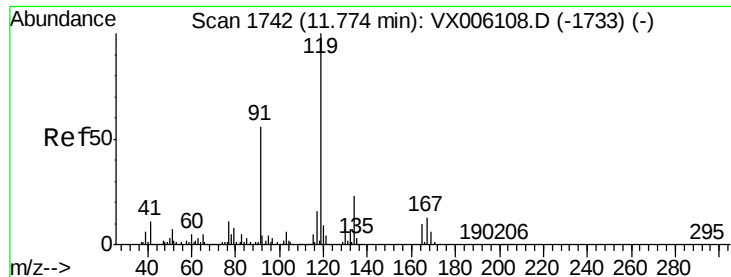
126 36.8 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

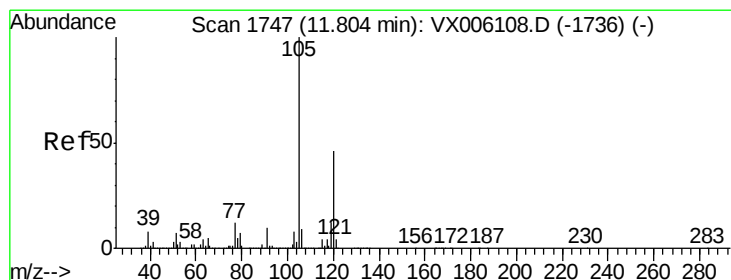
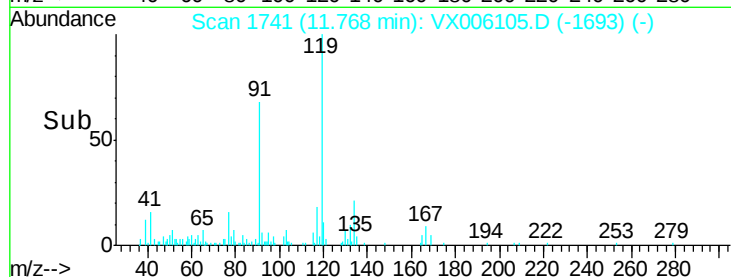
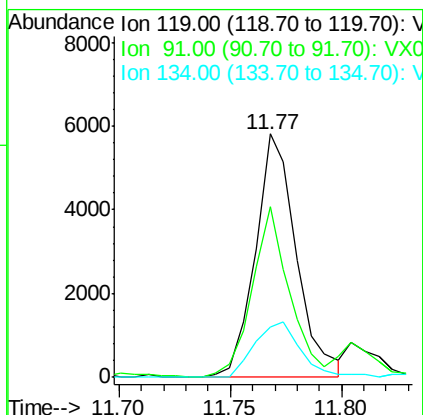
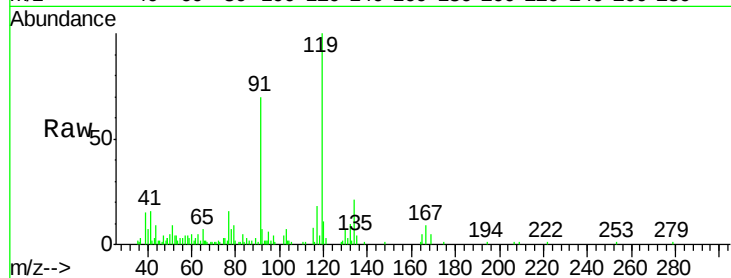




#83
 tert-Butylbenzene
 Concen: 0.799 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX006105.D
 Acq: 20 Nov 2018 17:14

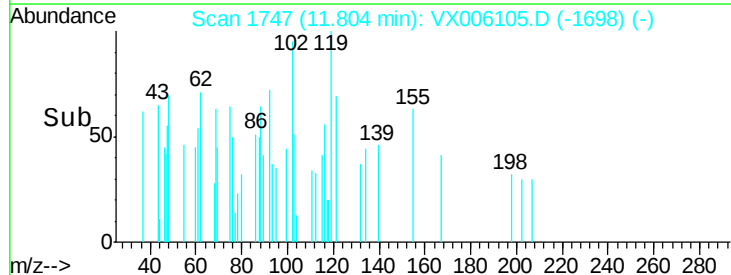
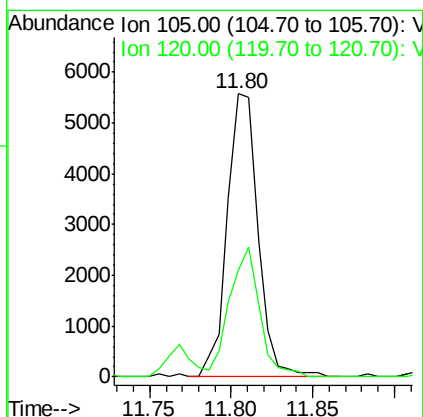
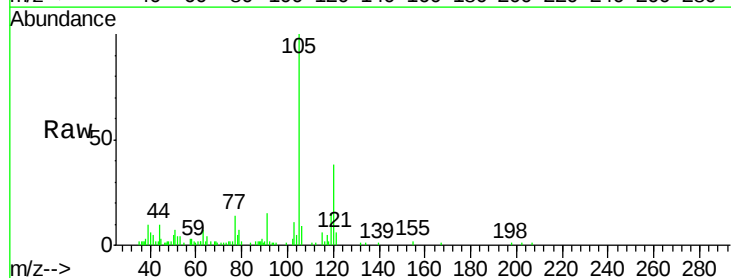
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

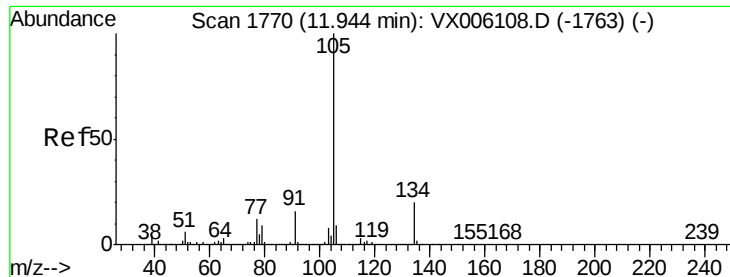
Tgt Ion:119 Resp: 7457
 Ion Ratio Lower Upper
 119 100
 91 63.6 28.2 84.6
 134 25.8 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.753 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006105.D
 Acq: 20 Nov 2018 17:14

Tgt Ion:105 Resp: 7345
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.7 68.0

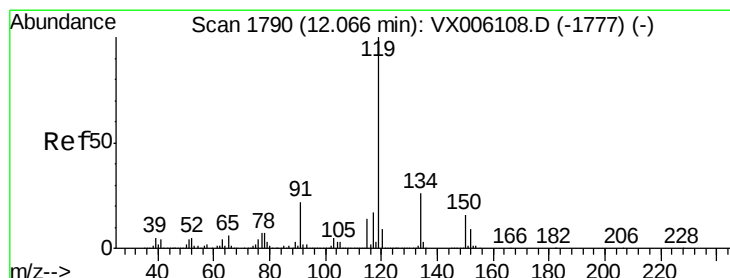
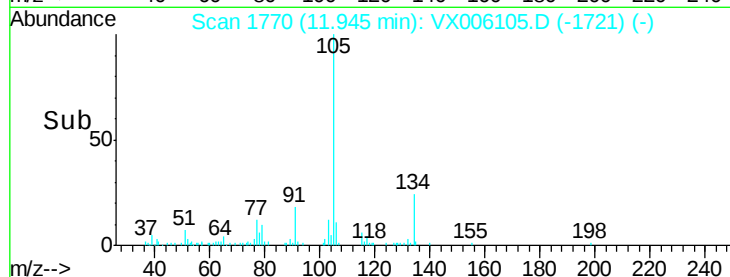
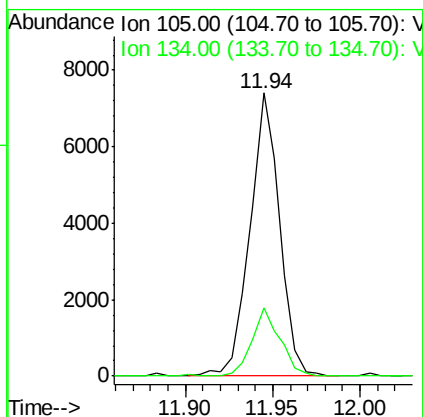
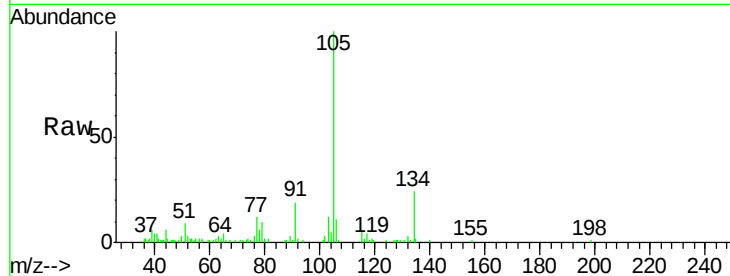




#85
 sec-Butylbenzene
 Concen: 0.768 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006105.D
 Acq: 20 Nov 2018 17:14

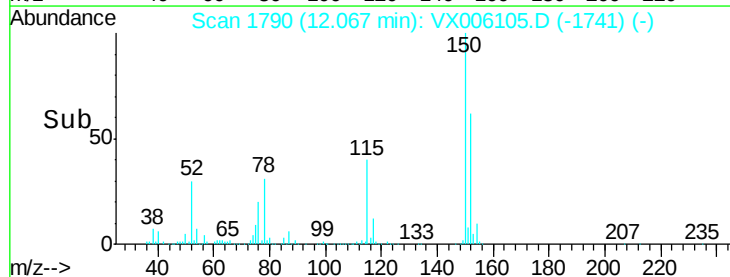
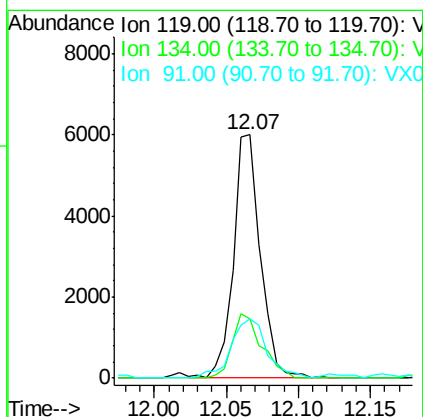
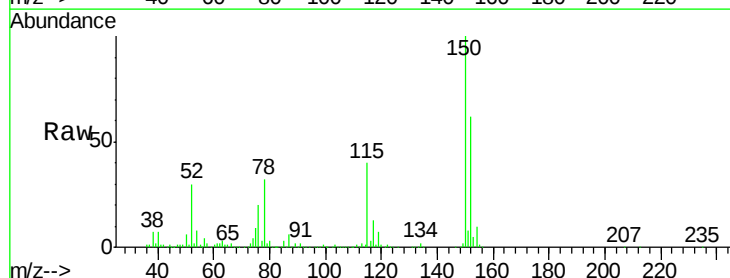
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

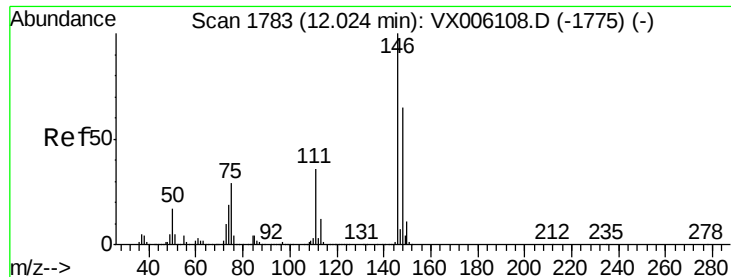
Tgt Ion:105 Resp: 8774
 Ion Ratio Lower Upper
 105 100
 134 22.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.774 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006105.D
 Acq: 20 Nov 2018 17:14

Tgt Ion:119 Resp: 7882
 Ion Ratio Lower Upper
 119 100
 134 29.0 13.1 39.3
 91 32.5 11.3 33.9

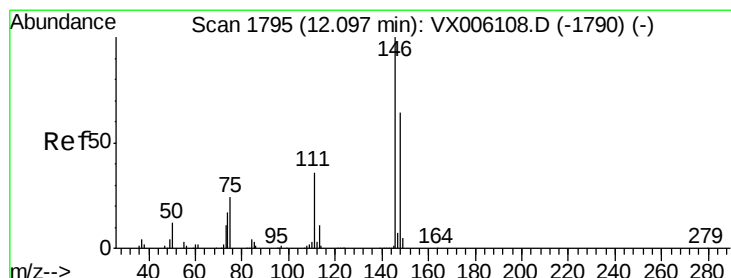
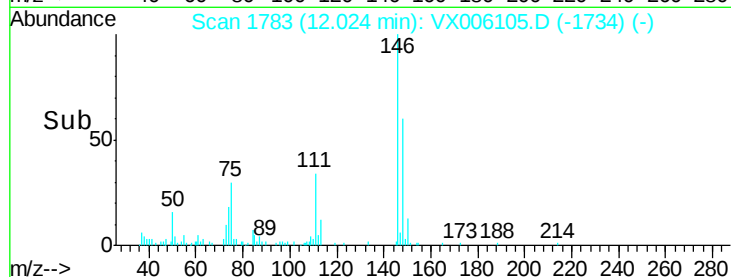
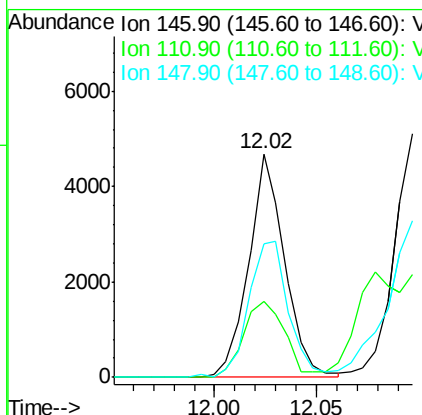
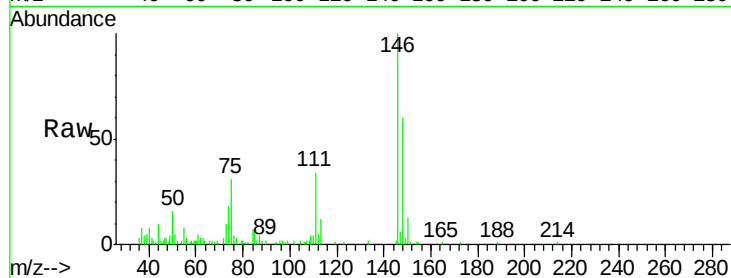




#87
 1,3-Dichlorobenzene
 Concen: 0.980 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006105.D
 Acq: 20 Nov 2018 17:14

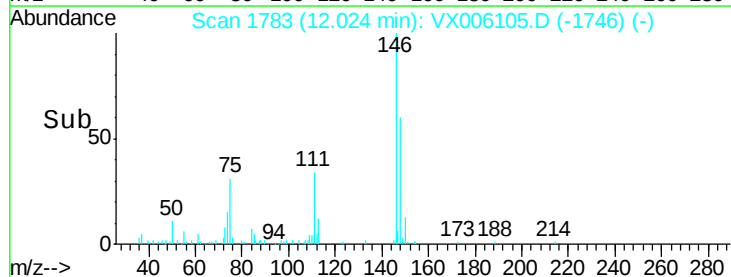
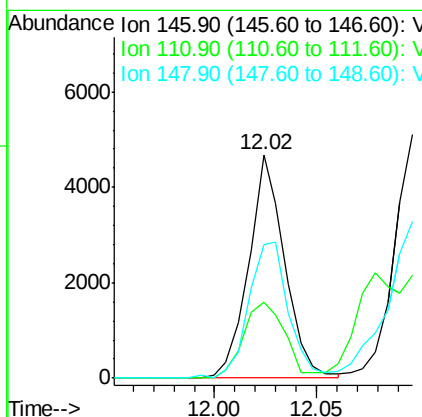
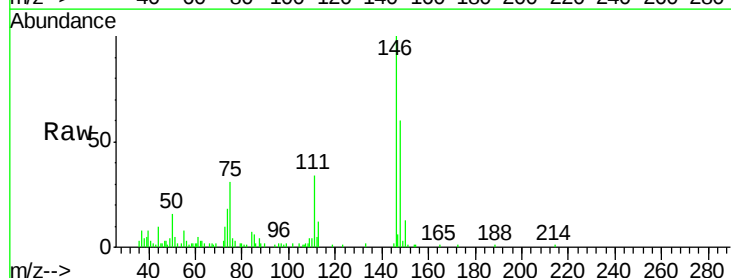
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

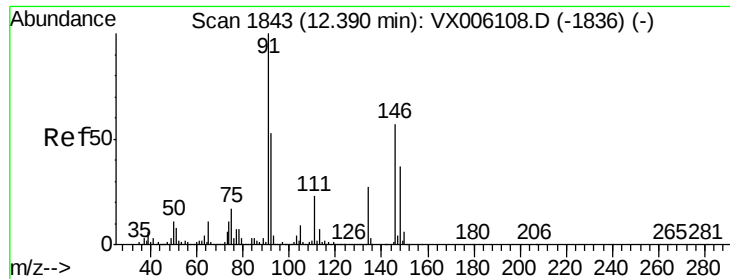
Tgt Ion:146 Resp: 5741
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.8 56.3
 148 67.3 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 0.945 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX006105.D
 Acq: 20 Nov 2018 17:14

Tgt Ion:146 Resp: 5741
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.3 54.9
 148 67.3 32.2 96.6

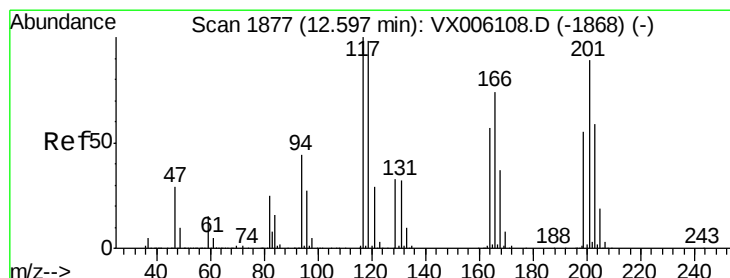
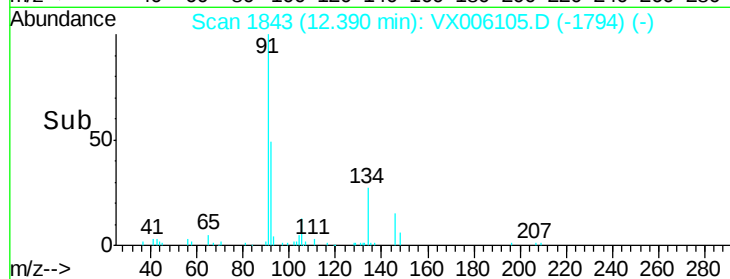
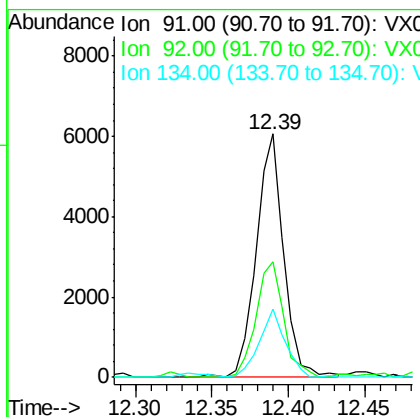
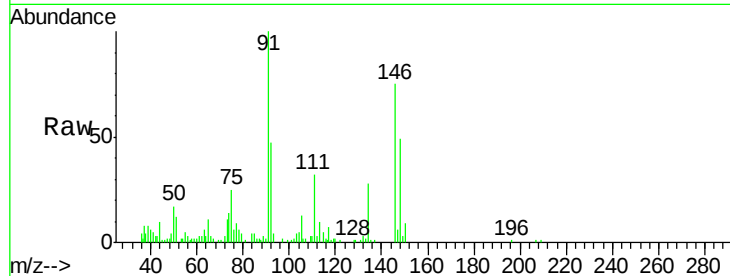




#89
n-Butylbenzene
Concen: 0.821 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

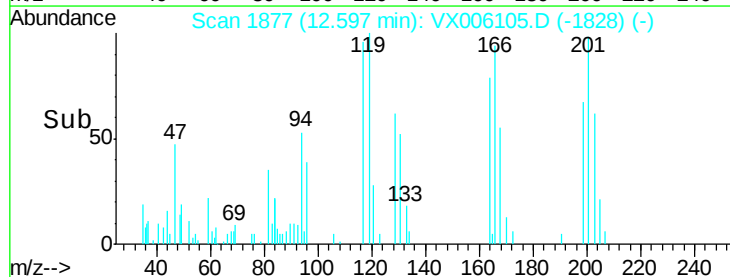
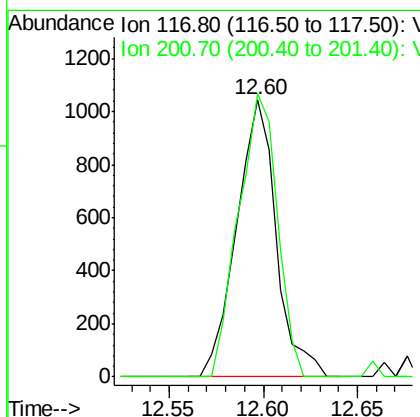
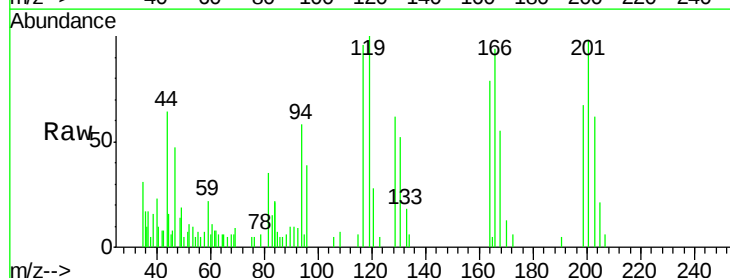
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

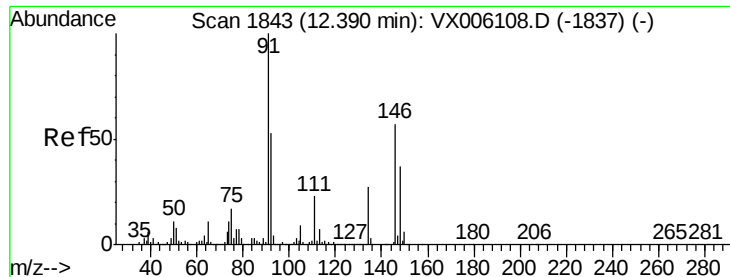
Tgt Ion: 91 Resp: 7569
Ion Ratio Lower Upper
91 100
92 47.9 26.6 79.7
134 26.9 13.1 39.3



#90
Hexachloroethane
Concen: 0.938 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006105.D
Acq: 20 Nov 2018 17:14

Tgt Ion: 117 Resp: 1523
Ion Ratio Lower Upper
117 100
201 100.1 46.1 138.2





#91

1,2-Dichlorobenzene

Concen: 1.026 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

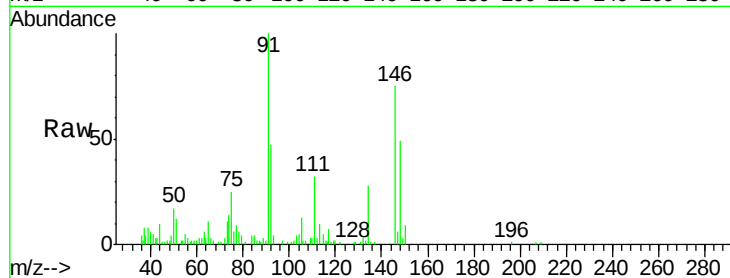
Tgt Ion:146 Resp: 6144

Ion Ratio Lower Upper

146 100

111 45.5 19.6 58.8

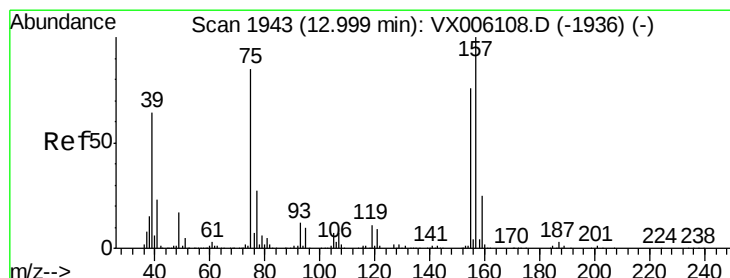
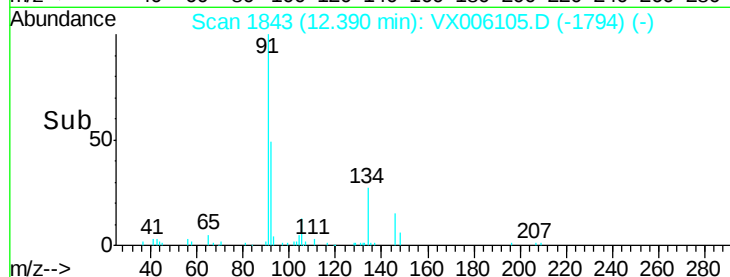
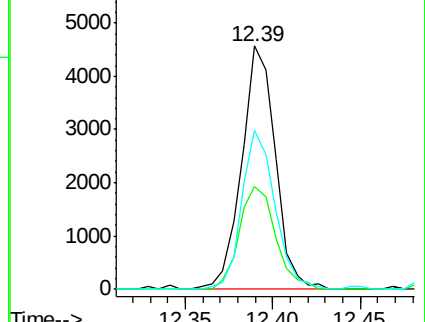
148 64.0 32.0 96.0



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: 1.043 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

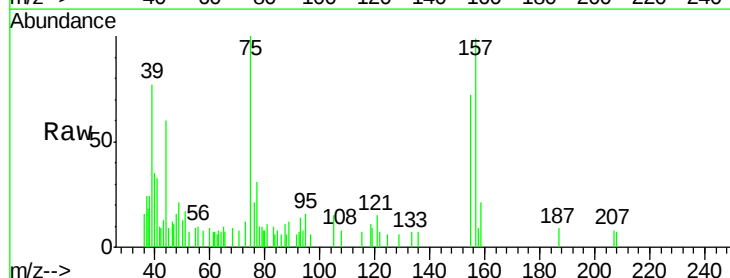
Tgt Ion: 75 Resp: 1034

Ion Ratio Lower Upper

75 100

155 76.8 46.1 138.3

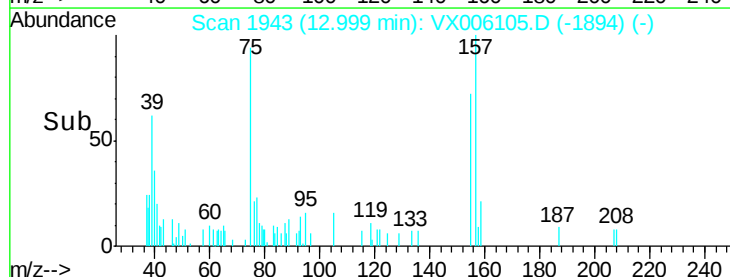
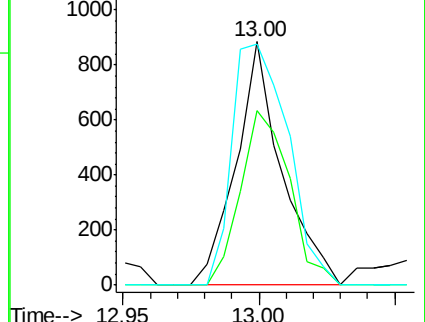
157 121.1 59.8 179.3

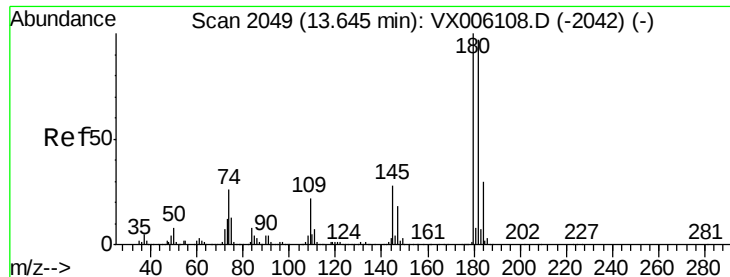


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

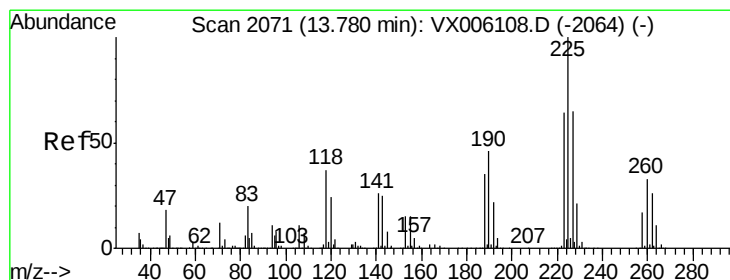
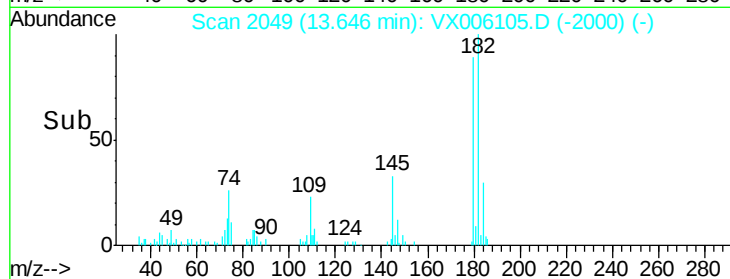
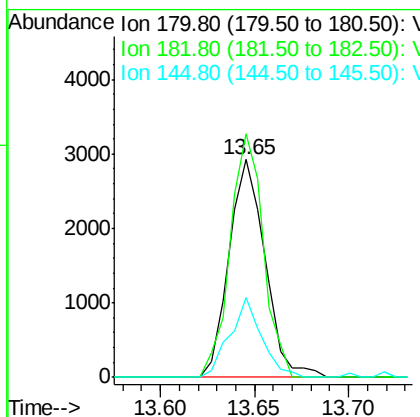
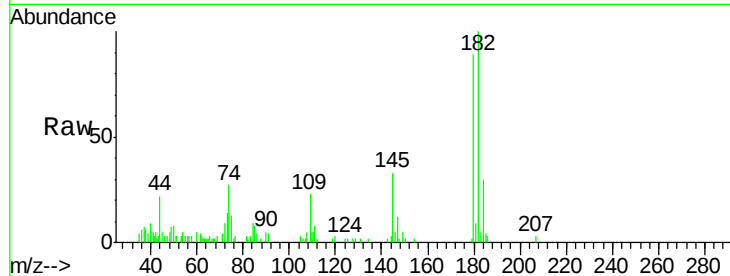




#93
 1,2,4-Trichlorobenzene
 Concen: 0.919 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006105.D
 Acq: 20 Nov 2018 17:14

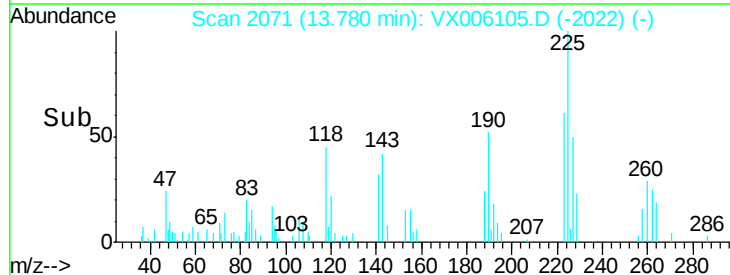
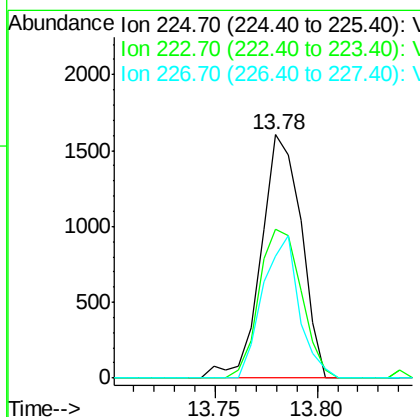
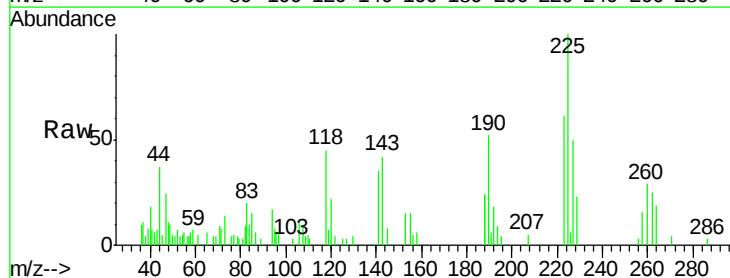
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

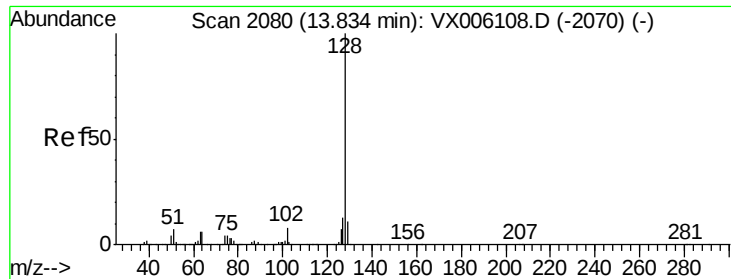
Tgt Ion:180 Resp: 3876
 Ion Ratio Lower Upper
 180 100
 182 102.9 48.2 144.6
 145 32.4 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 1.071 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006105.D
 Acq: 20 Nov 2018 17:14

Tgt Ion:225 Resp: 2203
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.2 93.6
 227 52.7 32.4 97.2





#95

Naphthalene

Concen: 0.786 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

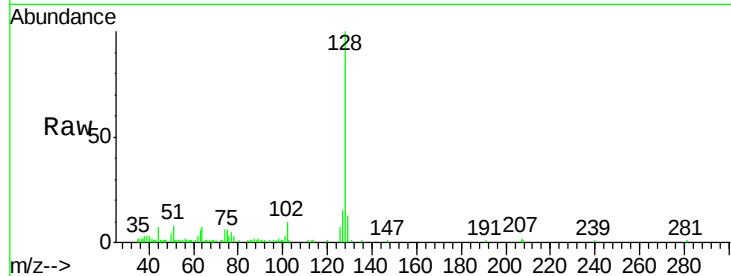
Tgt Ion:128 Resp: 9748

Ion Ratio Lower Upper

128 100

127 16.2 10.6 15.8#

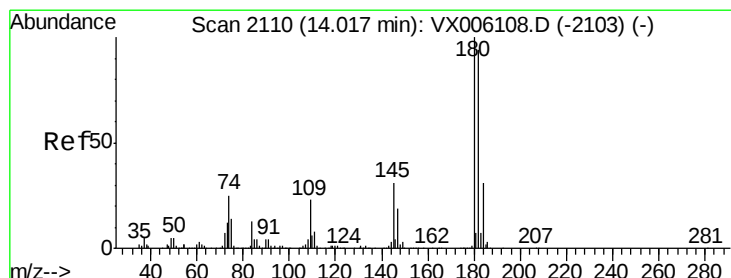
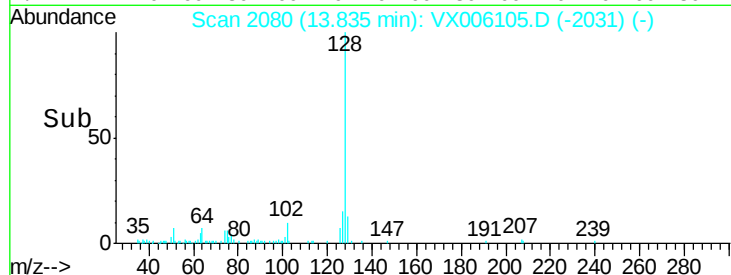
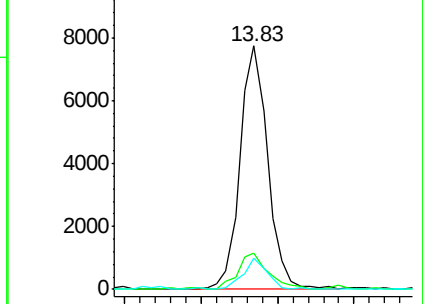
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.935 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX006105.D

Acq: 20 Nov 2018 17:14

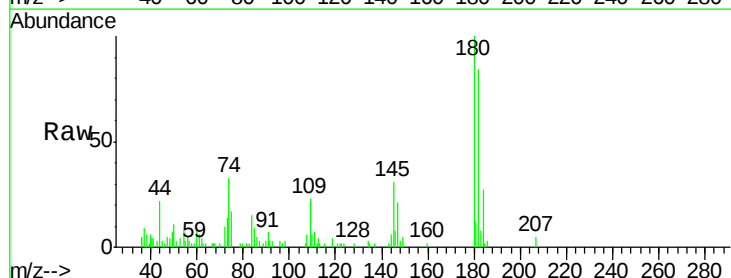
Tgt Ion:180 Resp: 4021

Ion Ratio Lower Upper

180 100

182 98.0 47.5 142.5

145 34.1 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

