

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112018\
 Data File : VX006107.D
 Acq On : 20 Nov 2018 18:10
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Nov 21 07:57:42 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	5.67	168	323161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	467037	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	437530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231621	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	73534	19.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.28%	
35) Dibromofluoromethane	5.50	113	59253	19.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.52%	
50) Toluene-d8	8.71	98	222431	19.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.90%	
62) 4-Bromofluorobenzene	11.14	95	78693	18.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45865	19.099	ug/l	99
3) Chloromethane	1.32	50	58297	19.217	ug/l	99
4) Vinyl Chloride	1.40	62	59425	19.258	ug/l	99
5) Bromomethane	1.64	94	34984	16.353	ug/l	98
6) Chloroethane	1.73	64	34013	17.892	ug/l	96
7) Trichlorofluoromethane	1.93	101	78005	19.324	ug/l	99
8) Diethyl Ether	2.19	74	30916	18.118	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45689	19.088	ug/l	99
10) Methyl Iodide	2.51	142	57757	19.246	ug/l	99
11) Tert butyl alcohol	3.07	59	74982	94.129	ug/l	98
12) 1,1-Dichloroethene	2.37	96	44076	18.889	ug/l	99
13) Acrolein	2.29	56	45451	95.352	ug/l	95
14) Allyl chloride	2.73	41	90517	18.960	ug/l	98
15) Acrylonitrile	3.15	53	167900	95.427	ug/l	99
16) Acetone	2.45	43	157568	94.826	ug/l	99
17) Carbon Disulfide	2.57	76	119285	18.932	ug/l	97
18) Methyl Acetate	2.78	43	84051	19.725	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	154615	19.170	ug/l	99
20) Methylene Chloride	2.86	84	49637	18.130	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	47976	19.651	ug/l	91
22) Diisopropyl ether	3.87	45	207112	20.266	ug/l	95
23) Vinyl Acetate	3.82	43	839778	99.046	ug/l	100
24) 1,1-Dichloroethane	3.70	63	92652	19.243	ug/l	99
25) 2-Butanone	4.70	43	296478	96.126	ug/l	97
26) 2,2-Dichloropropane	4.59	77	74691	18.822	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	65003	19.050	ug/l	99
28) Bromochloromethane	5.02	49	55761	19.871	ug/l	98
29) Tetrahydrofuran	5.15	42	190455	98.988	ug/l	98
30) Chloroform	5.21	83	111953	19.188	ug/l	98
31) Cyclohexane	5.58	56	94727	18.835	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	90149	19.135	ug/l	99
36) 1,1-Dichloropropene	5.80	75	80760	19.007	ug/l	99
37) Ethyl Acetate	4.85	43	103216	18.882	ug/l	99
38) Carbon Tetrachloride	5.78	117	77760	19.471	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91227	18.846	ug/l	98
40) Benzene	6.15	78	245965	19.649	ug/l	100
41) Methacrylonitrile	5.06	41	58472	19.410	ug/l	99
42) 1,2-Dichloroethane	6.20	62	92027	19.664	ug/l	100
43) Isopropyl Acetate	6.46	43	149325	18.915	ug/l	98
44) Trichloroethene	7.21	130	67746	19.472	ug/l	99
45) 1,2-Dichloropropane	7.52	63	64521	19.476	ug/l	100
46) Dibromomethane	7.66	93	44570	19.645	ug/l	97
47) Bromodichloromethane	7.90	83	78910	18.806	ug/l	97
48) Methyl methacrylate	7.77	41	78269	19.549	ug/l	99
49) 1,4-Dioxane	7.75	88	36912	388.595	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	567117	100.206	ug/l	99
52) Toluene	8.79	92	155654	20.103	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	81383	18.586	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	94283	19.478	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	64853	19.340	ug/l	97
56) Ethyl methacrylate	9.18	69	87983	19.109	ug/l	98
57) 1,3-Dichloropropane	9.37	76	106985	19.356	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	277698	104.944	ug/l	100
59) 2-Hexanone	9.49	43	442310	98.478	ug/l	99
60) Dibromochloromethane	9.59	129	61382	18.671	ug/l	99
61) 1,2-Dibromoethane	9.67	107	67584	19.564	ug/l	99
64) Tetrachloroethene	9.34	164	72995	20.273	ug/l	95
65) Chlorobenzene	10.14	112	176557	19.673	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	58804	19.085	ug/l	99
67) Ethyl Benzene	10.25	91	292587	19.911	ug/l	100
68) m/p-Xylenes	10.36	106	226738	39.625	ug/l	98
69) o-Xylene	10.70	106	108978	19.938	ug/l	100
70) Styrene	10.71	104	177692	19.939	ug/l	99
71) Bromoform	10.86	173	49148	17.820	ug/l	99
73) Isopropylbenzene	11.02	105	297073	21.198	ug/l	100
74) N-amyl acetate	10.90	43	124496	19.568	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	102517	19.411	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	116986	24.533	ug/l	86
77) Bromobenzene	11.26	156	79440	20.235	ug/l	99
78) n-propylbenzene	11.36	91	340576	20.867	ug/l	100
79) 2-Chlorotoluene	11.42	91	204141	20.675	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	247803	20.972	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	25810	18.306	ug/l	95
82) 4-Chlorotoluene	11.51	91	239516	20.786	ug/l	99
83) tert-Butylbenzene	11.77	119	237169	20.561	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	258249	21.427	ug/l	99
85) sec-Butylbenzene	11.94	105	295383	20.935	ug/l	99
86) p-Isopropyltoluene	12.07	119	261466	20.785	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	145199	20.059	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	147225	19.619	ug/l	99
89) n-Butylbenzene	12.39	91	226747	19.908	ug/l	99
90) Hexachloroethane	12.60	117	38179	19.019	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	146136	19.747	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23271	18.989	ug/l	97

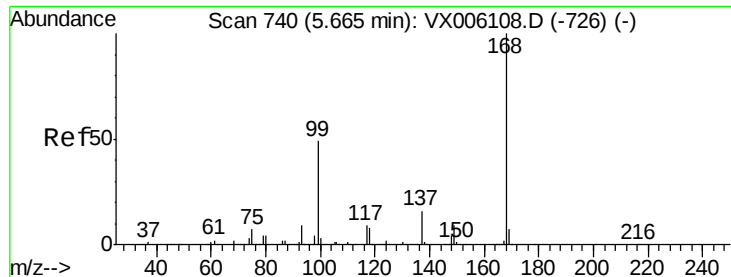
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103780	19.906	ug/l	98
94) Hexachlorobutadiene	13.78	225	48867	19.233	ug/l	99
95) Naphthalene	13.83	128	318582	20.781	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	106728	20.081	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

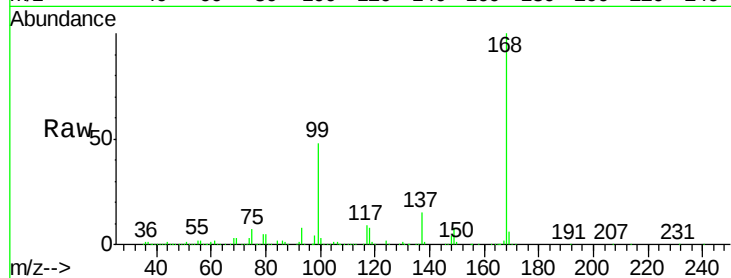
VSTDIC020

Tgt Ion:168 Resp: 323161

Ion Ratio Lower Upper

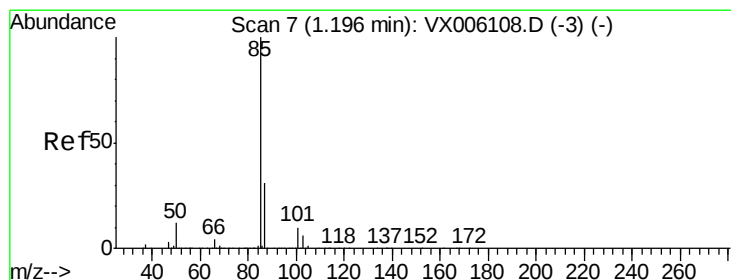
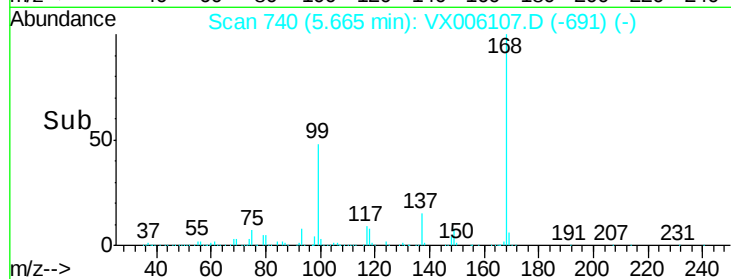
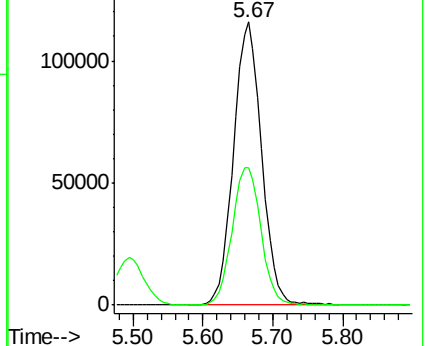
168 100

99 48.3 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: 19.099 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006107.D

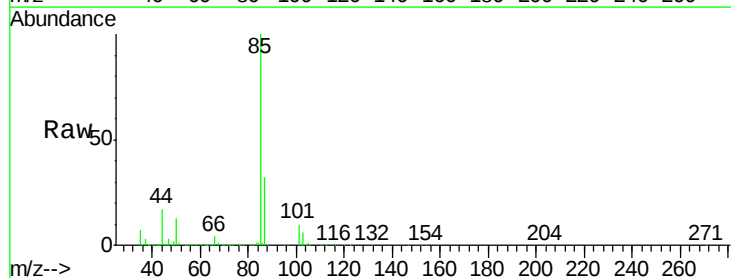
Acq: 20 Nov 2018 18:10

Tgt Ion: 85 Resp: 45865

Ion Ratio Lower Upper

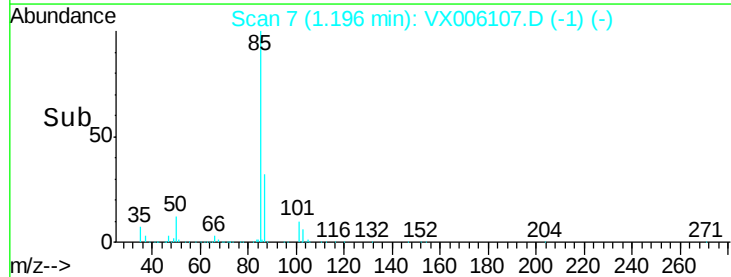
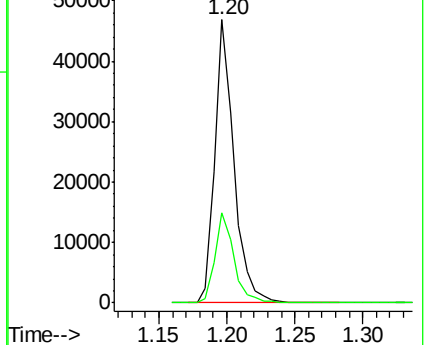
85 100

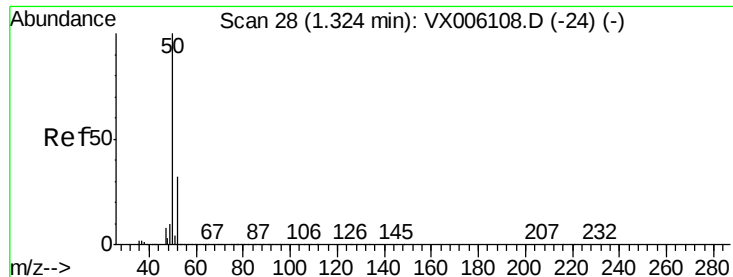
87 31.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.217 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

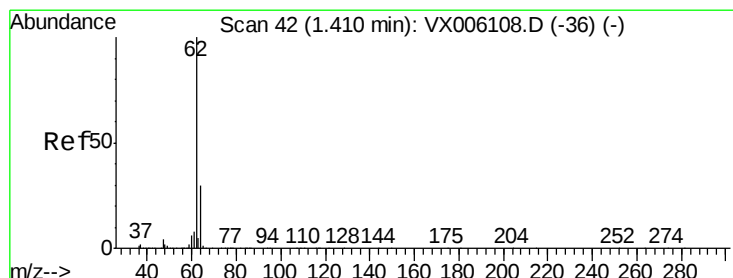
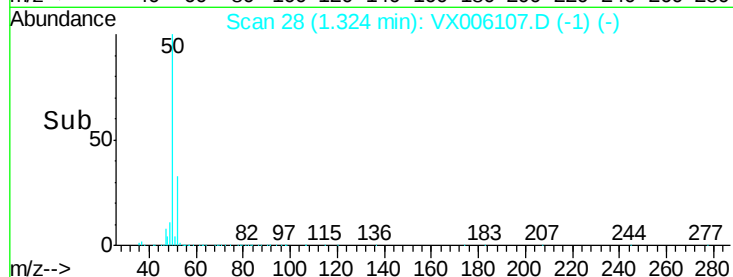
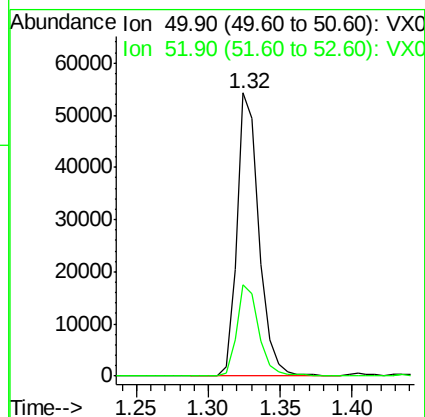
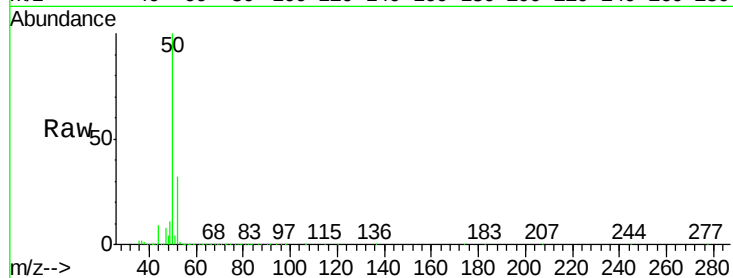
VSTDIC020

Tgt Ion: 50 Resp: 58297

Ion Ratio Lower Upper

50 100

52 32.4 25.6 38.4



#4

Vinyl Chloride

Concen: 19.258 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX006107.D

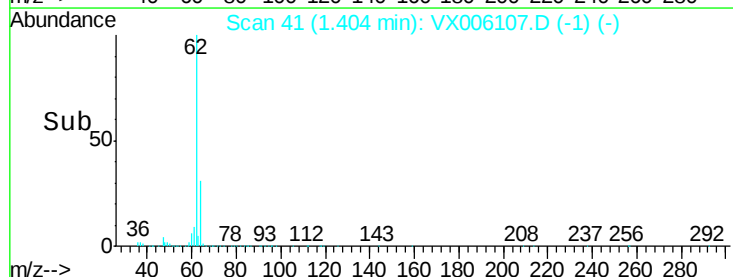
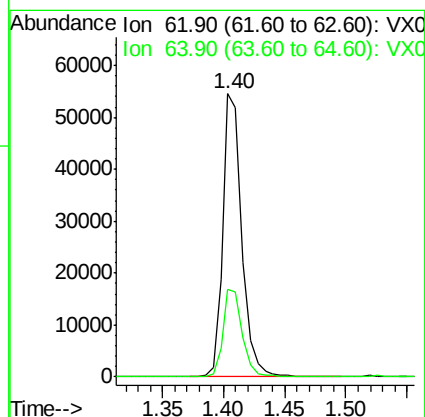
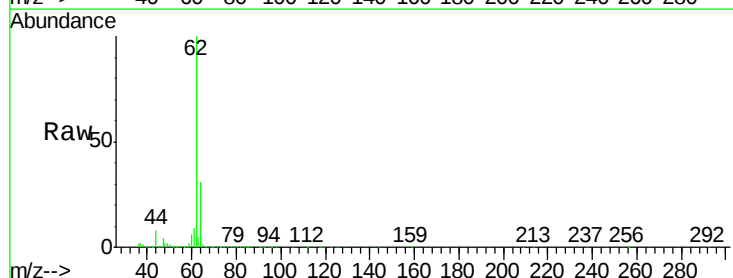
Acq: 20 Nov 2018 18:10

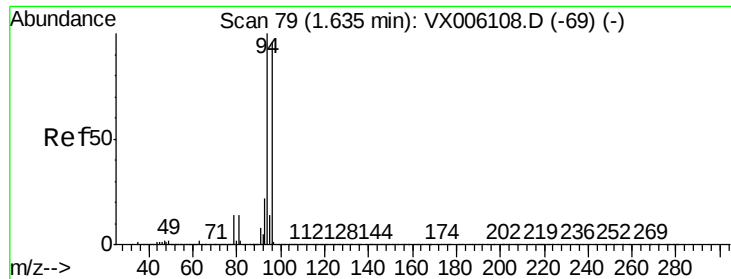
Tgt Ion: 62 Resp: 59425

Ion Ratio Lower Upper

62 100

64 30.7 24.2 36.4





#5

Bromomethane

Concen: 16.353 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

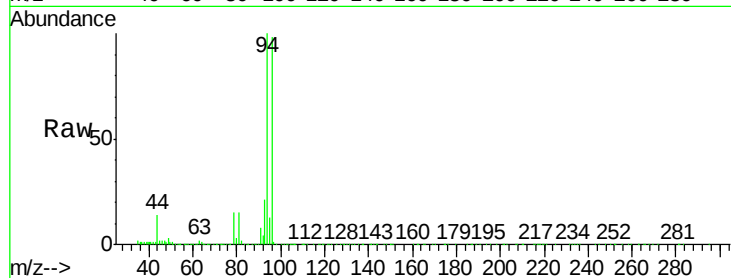
VSTDIC020

Tgt Ion: 94 Resp: 34984

Ion Ratio Lower Upper

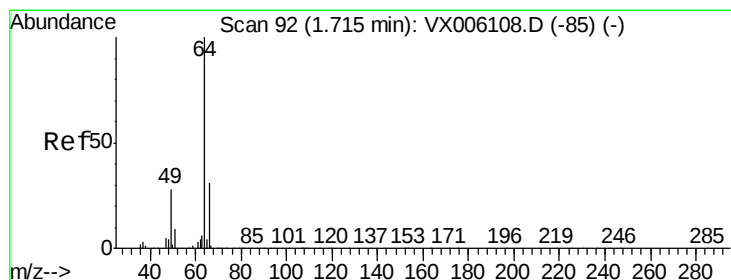
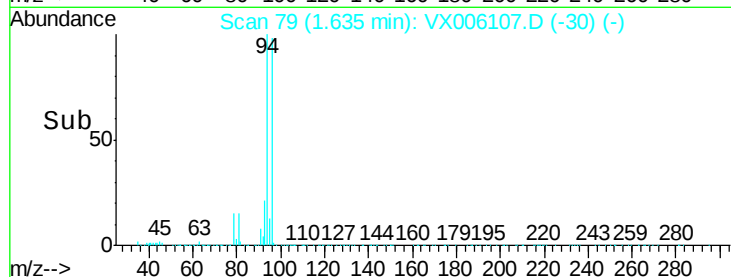
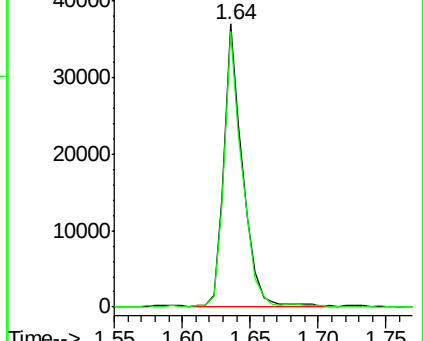
94 100

96 97.6 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: 17.892 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006107.D

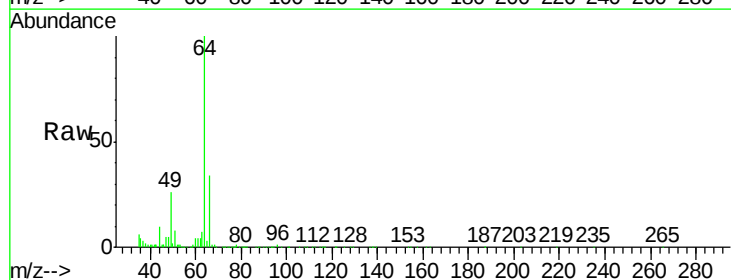
Acq: 20 Nov 2018 18:10

Tgt Ion: 64 Resp: 34013

Ion Ratio Lower Upper

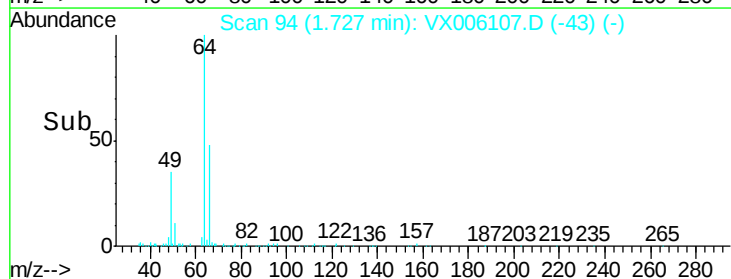
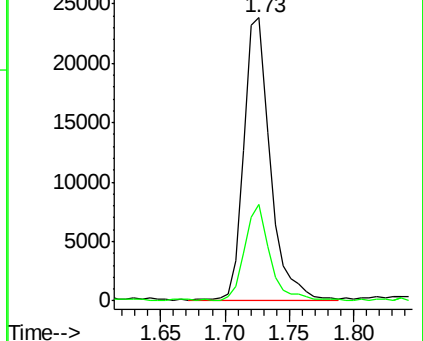
64 100

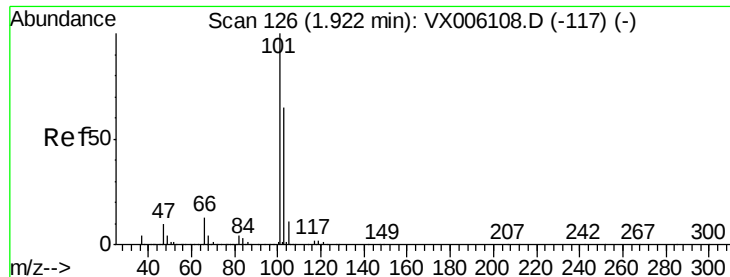
66 33.5 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



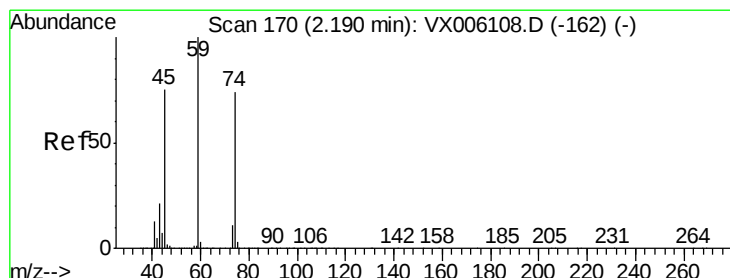
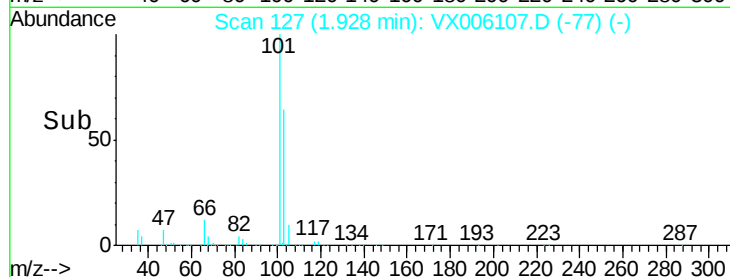
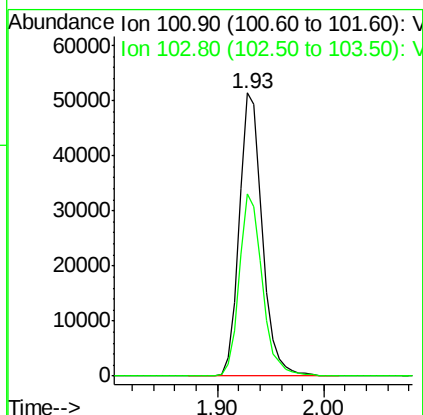
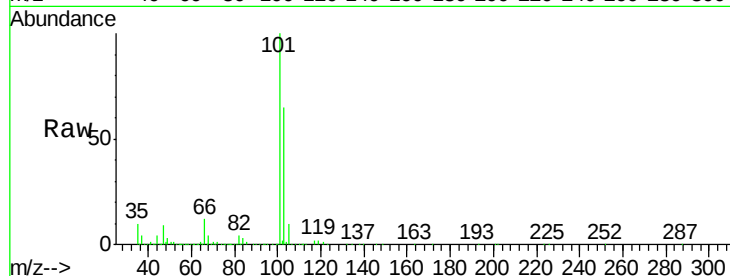


#7

Trichlorofluoromethane
 Concen: 19.324 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX006107.D
 Acq: 20 Nov 2018 18:10

Instrument :
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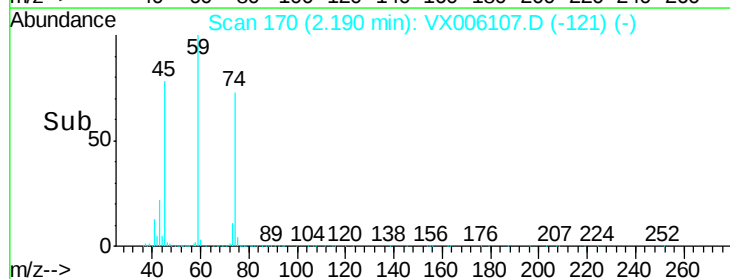
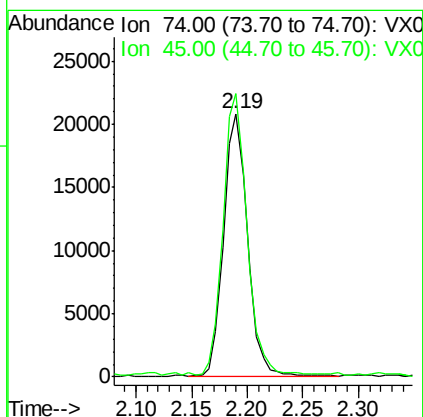
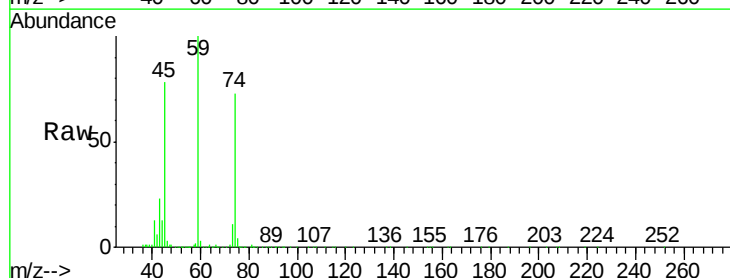
Tgt Ion:101 Resp: 78005
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.1 78.1

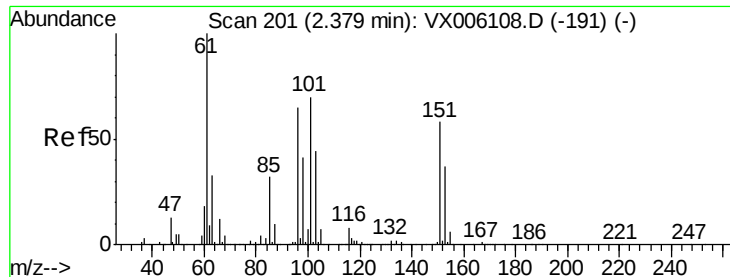


#8

Diethyl Ether
 Concen: 18.118 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006107.D
 Acq: 20 Nov 2018 18:10

Tgt Ion: 74 Resp: 30916
 Ion Ratio Lower Upper
 74 100
 45 107.2 52.2 156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.088 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

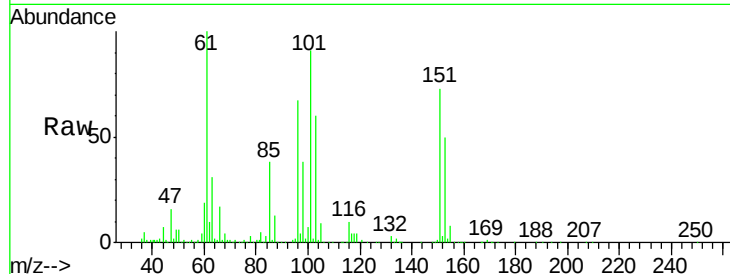
Tgt Ion:101 Resp: 45689

Ion Ratio Lower Upper

101 100

85 46.0 36.0 54.0

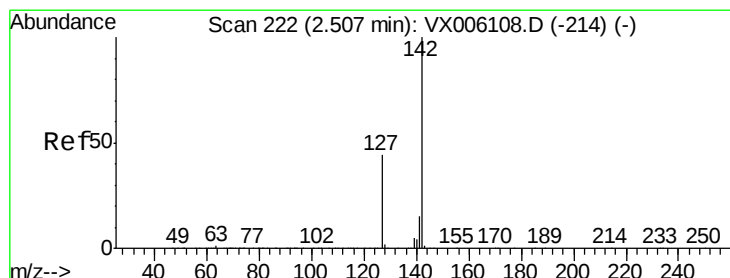
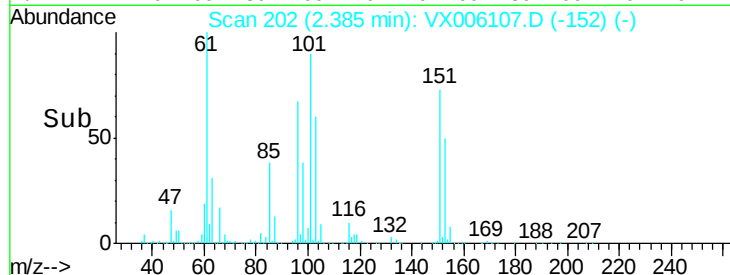
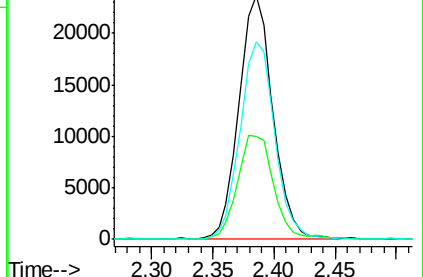
151 83.3 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.246 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

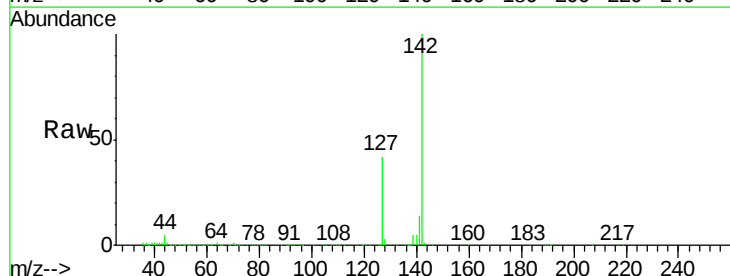
Tgt Ion:142 Resp: 57757

Ion Ratio Lower Upper

142 100

127 44.6 36.0 54.0

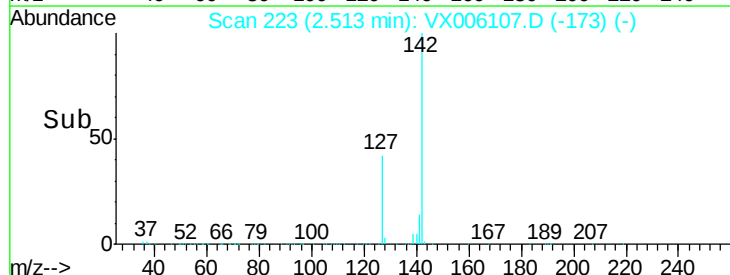
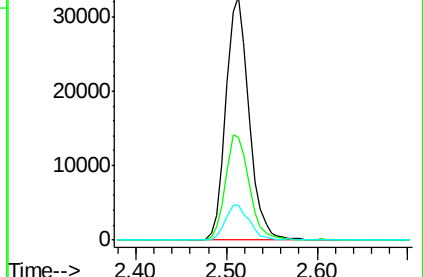
141 15.1 11.7 17.5

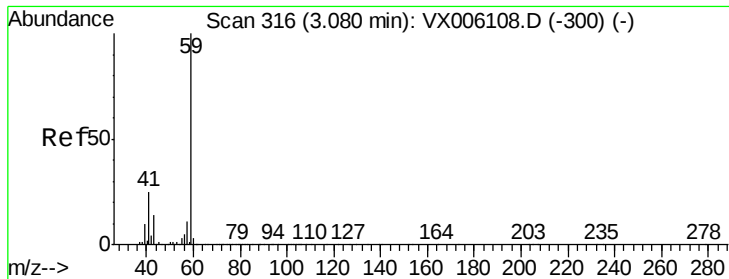


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

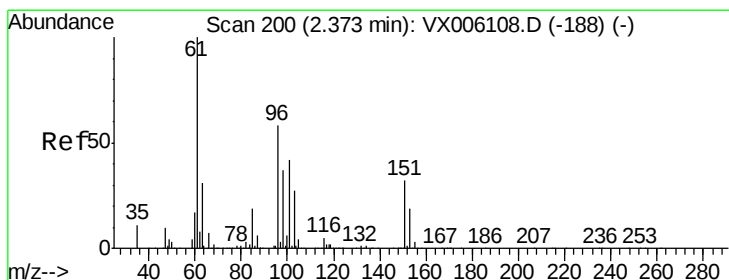
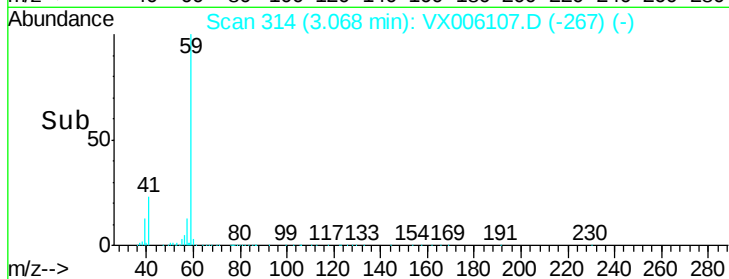
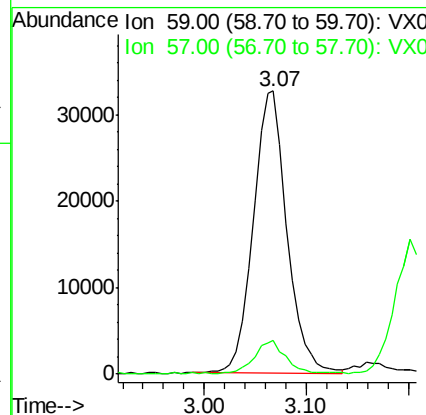
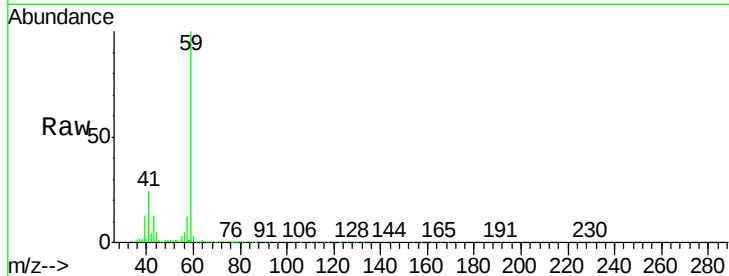




#11
Tert butyl alcohol
Concen: 94.129 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

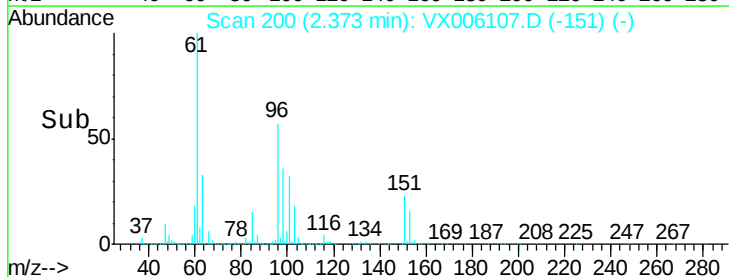
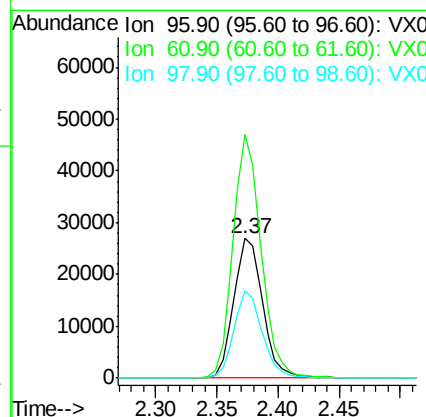
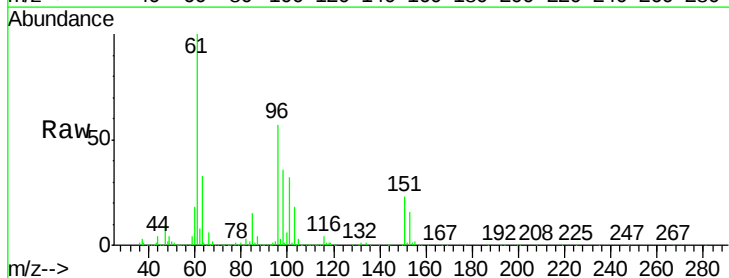
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

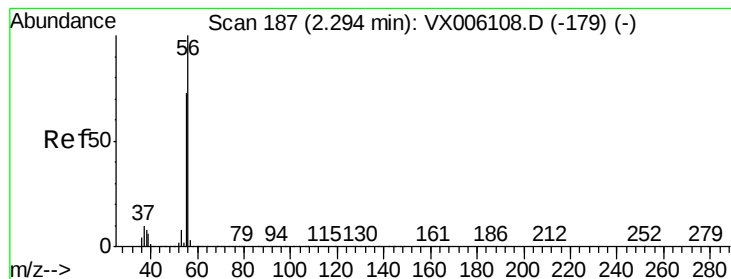
Tgt Ion: 59 Resp: 74982
Ion Ratio Lower Upper
59 100
57 11.6 8.7 13.1



#12
1,1-Dichloroethene
Concen: 18.889 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

Tgt Ion: 96 Resp: 44076
Ion Ratio Lower Upper
96 100
61 174.0 138.2 207.4
98 62.4 51.3 76.9





#13

Acrolein

Concen: 95.352 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

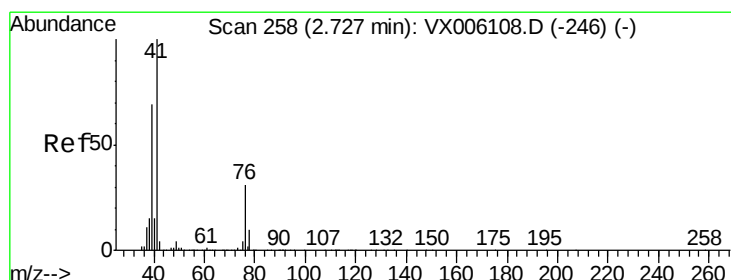
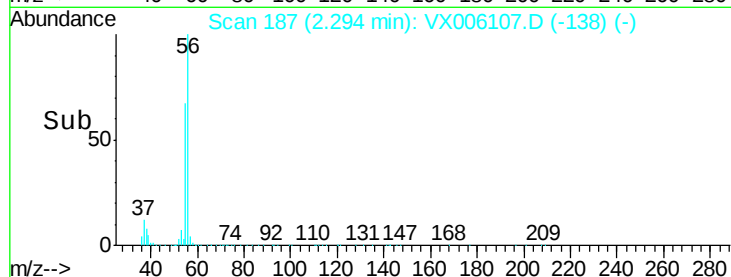
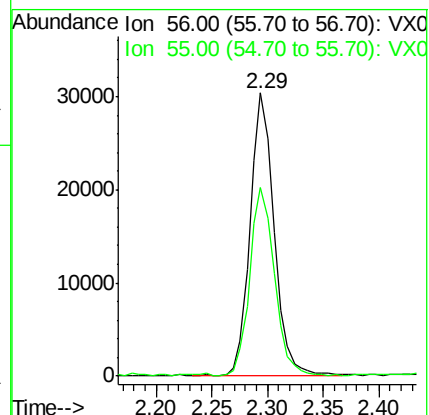
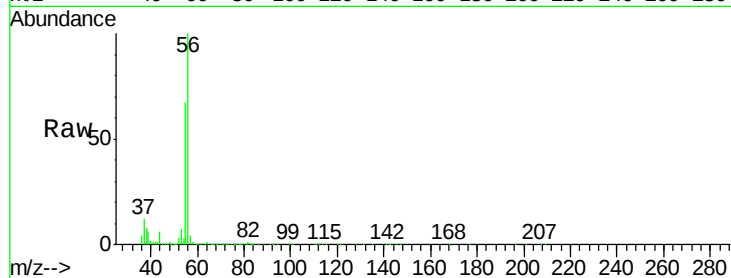
VSTDIC020

Tgt Ion: 56 Resp: 45451

Ion Ratio Lower Upper

56 100

55 68.3 57.8 86.6



#14

Allyl chloride

Concen: 18.960 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

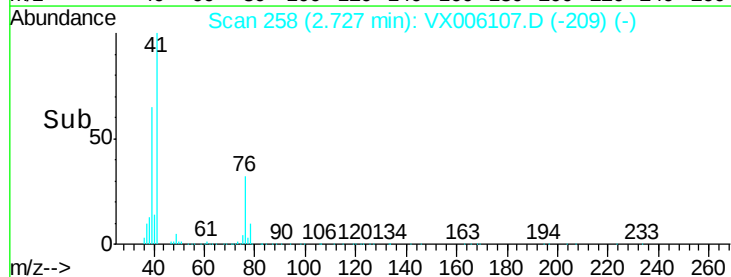
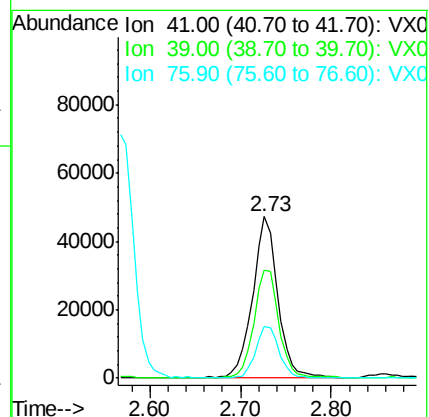
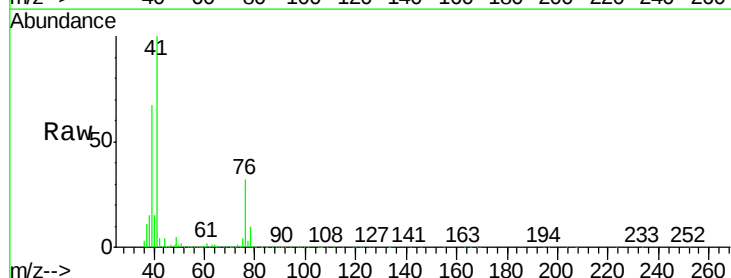
Tgt Ion: 41 Resp: 90517

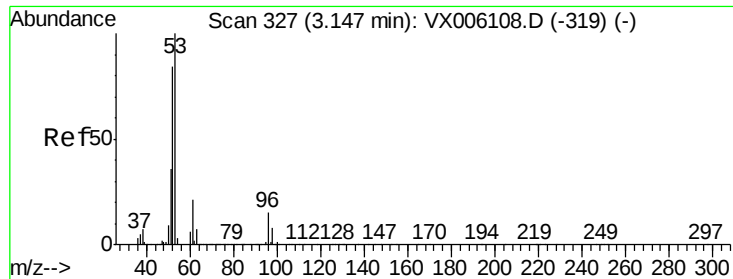
Ion Ratio Lower Upper

41 100

39 67.2 52.5 78.7

76 29.6 23.4 35.2





#15

Acrylonitrile

Concen: 95.427 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

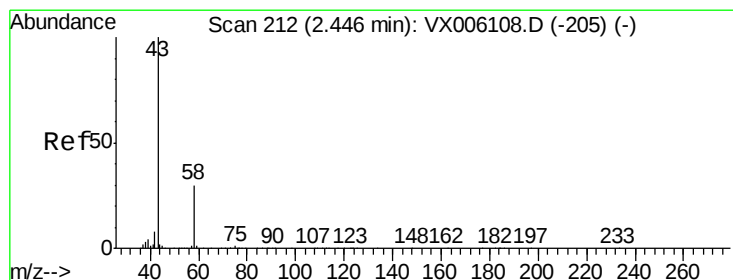
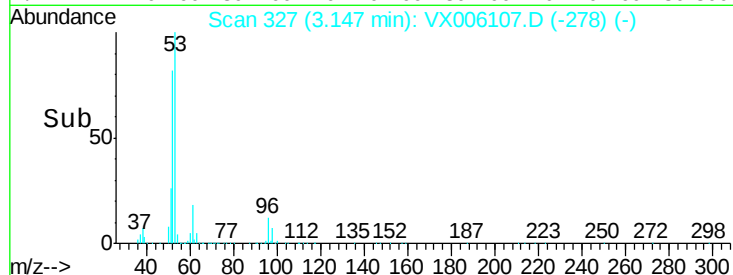
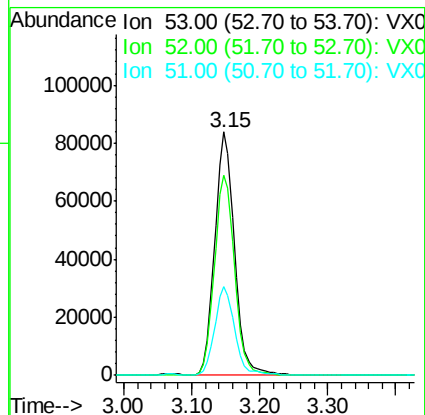
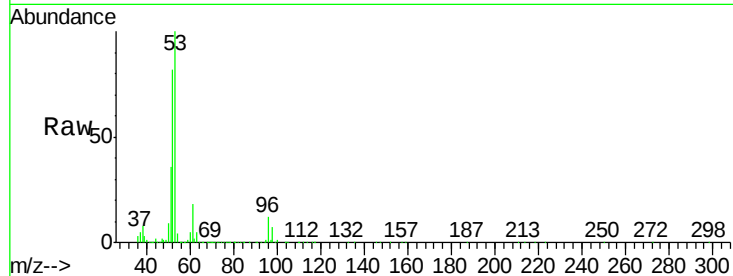
Tgt Ion: 53 Resp: 167900

Ion Ratio Lower Upper

53 100

52 83.8 66.4 99.6

51 36.6 29.4 44.0



#16

Acetone

Concen: 94.826 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006107.D

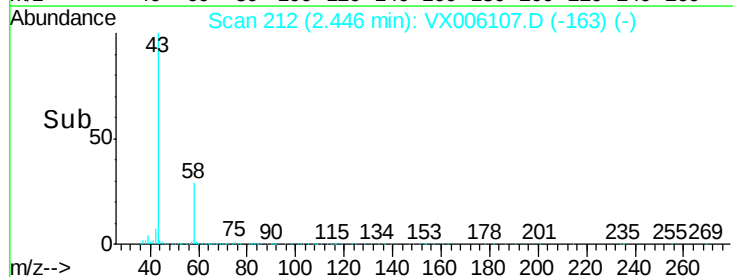
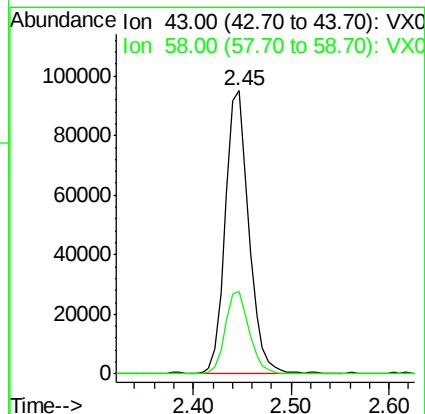
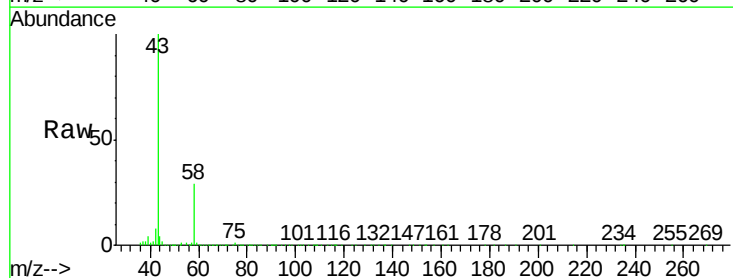
Acq: 20 Nov 2018 18:10

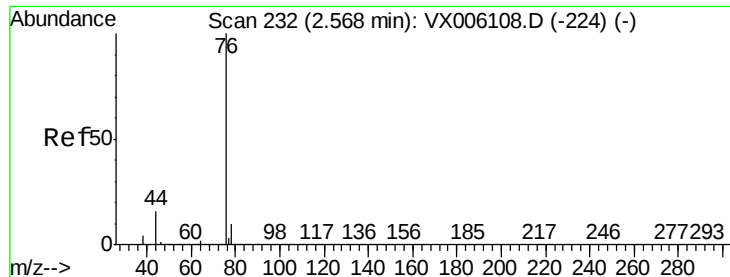
Tgt Ion: 43 Resp: 157568

Ion Ratio Lower Upper

43 100

58 29.3 23.8 35.8





#17

Carbon Disulfide

Concen: 18.932 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

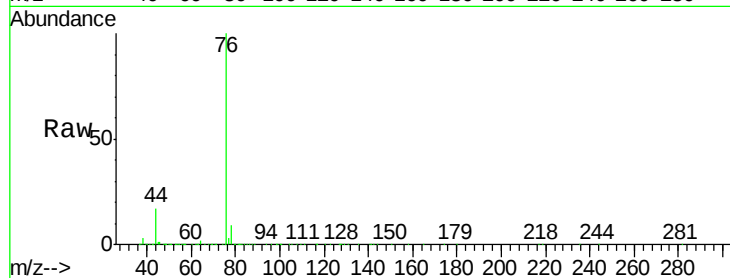
VSTDIC020

Tgt Ion: 76 Resp: 119285

Ion Ratio Lower Upper

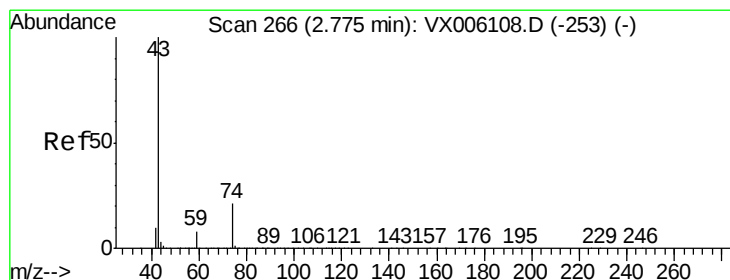
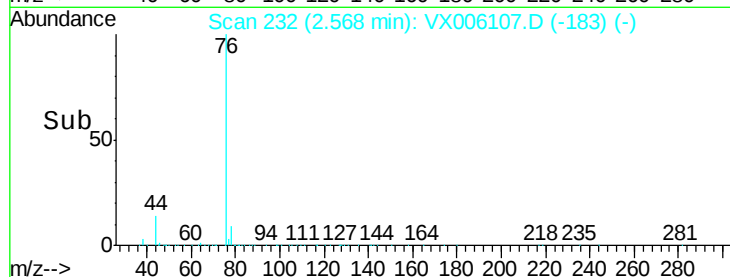
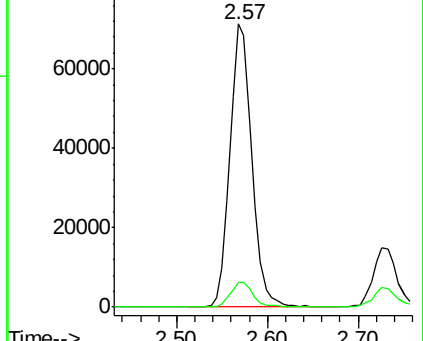
76 100

78 8.6 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.725 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006107.D

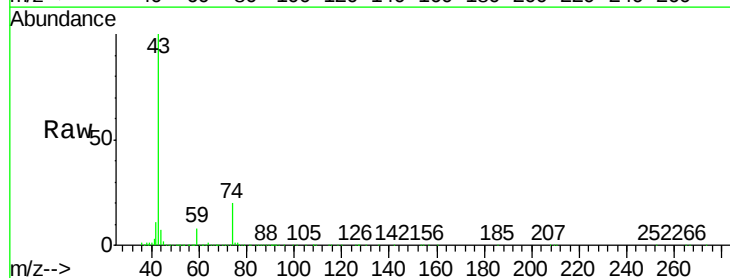
Acq: 20 Nov 2018 18:10

Tgt Ion: 43 Resp: 84051

Ion Ratio Lower Upper

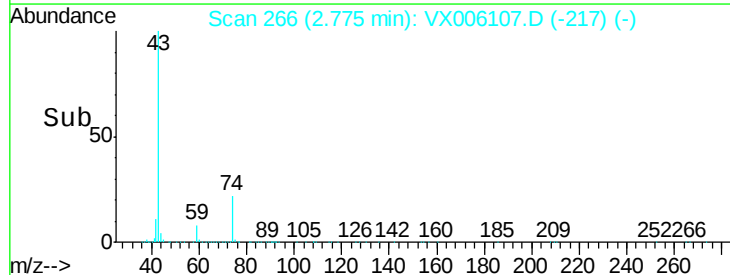
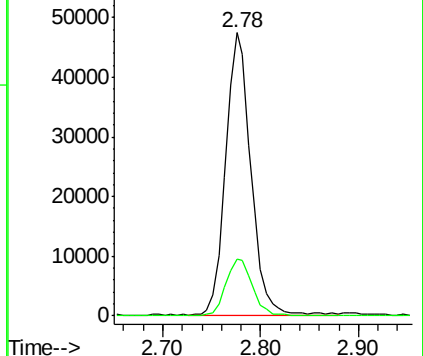
43 100

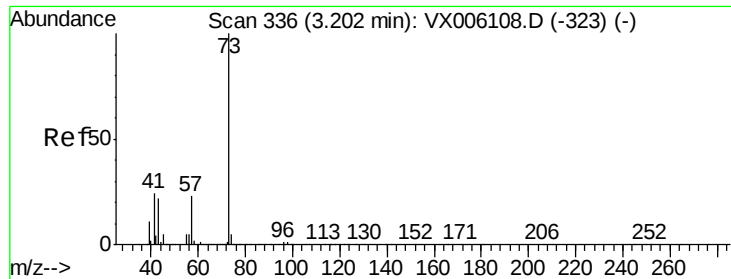
74 21.1 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

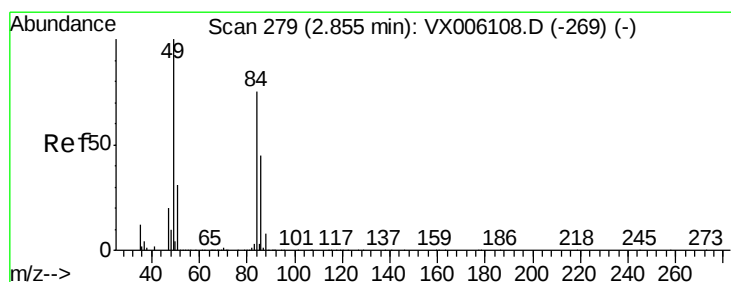
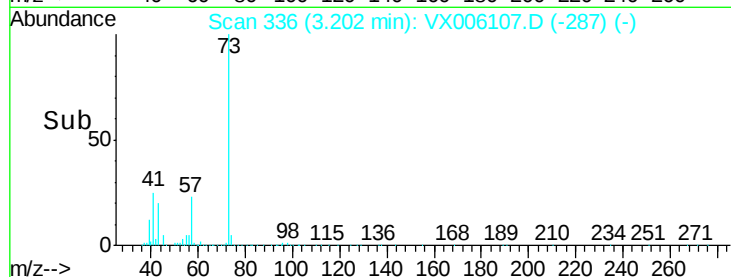
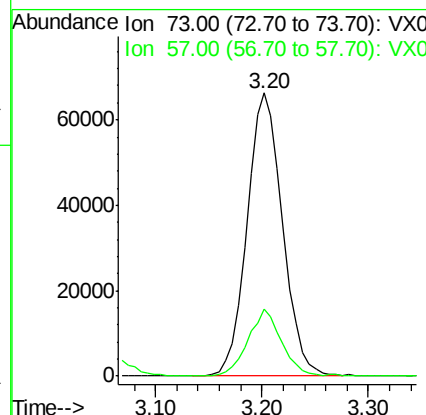
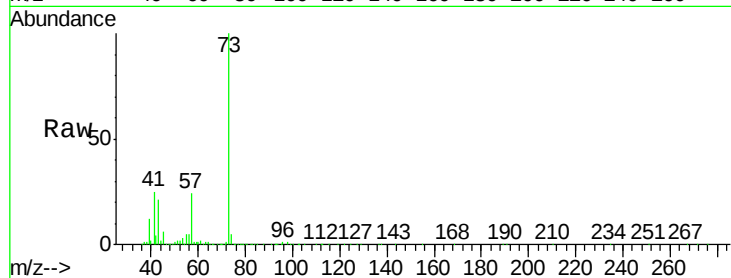




#19
Methyl tert-butyl Ether
Concen: 19.170 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

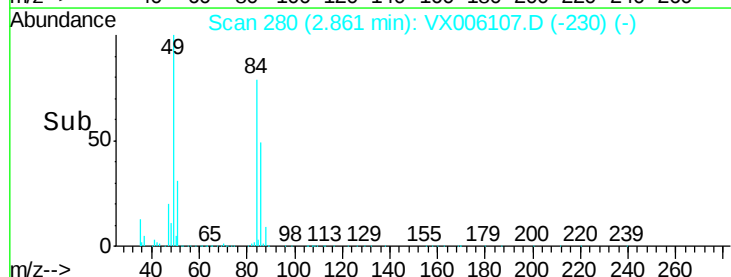
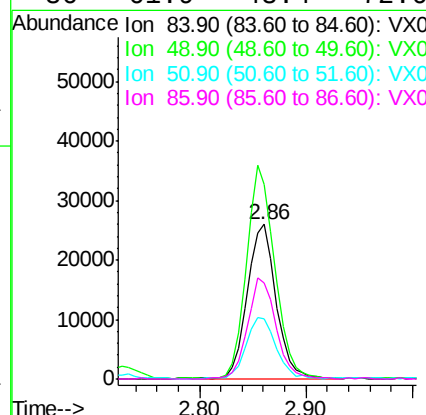
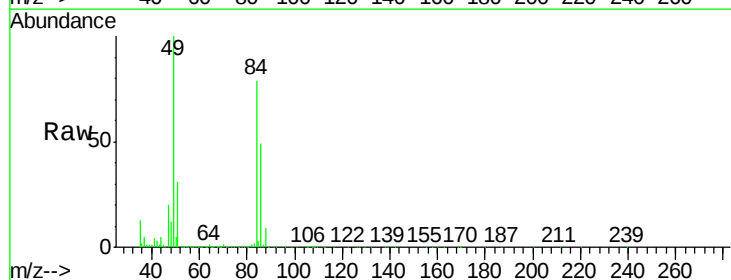
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

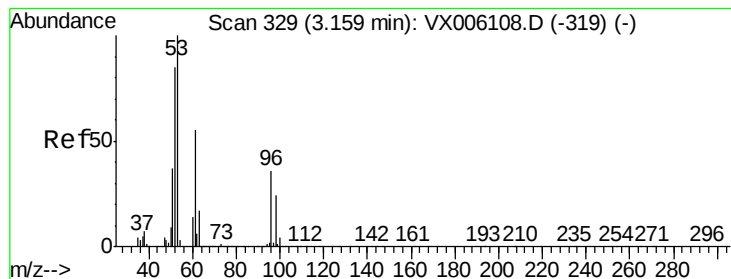
Tgt Ion: 73 Resp: 154615
Ion Ratio Lower Upper
73 100
57 23.2 18.2 27.4



#20
Methylene Chloride
Concen: 18.130 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

Tgt Ion: 84 Resp: 49637
Ion Ratio Lower Upper
84 100
49 125.7 106.6 159.8
51 39.0 32.6 49.0
86 61.9 48.4 72.6





#21

trans-1,2-Dichloroethene

Concen: 19.651 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

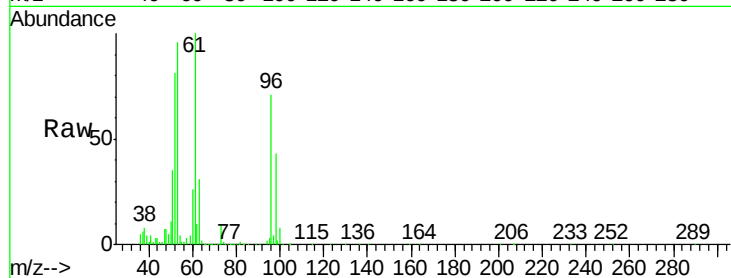
Tgt Ion: 96 Resp: 47976

Ion Ratio Lower Upper

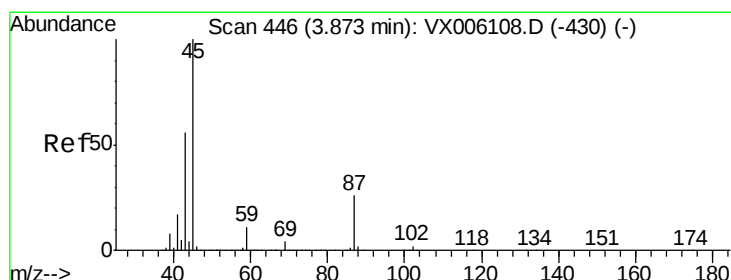
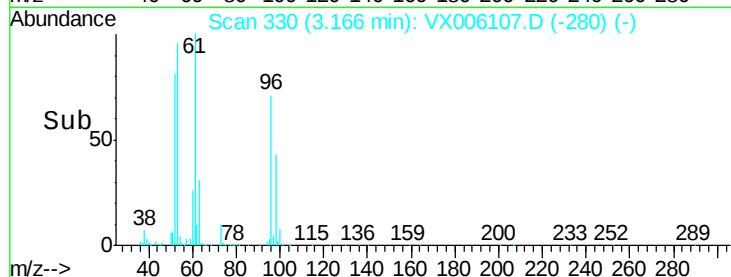
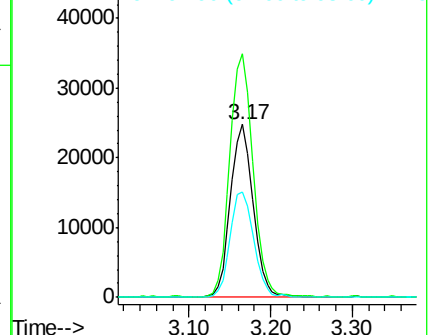
96 100

61 140.2 122.0 183.0

98 61.0 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: 20.266 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Tgt Ion: 45 Resp: 207112

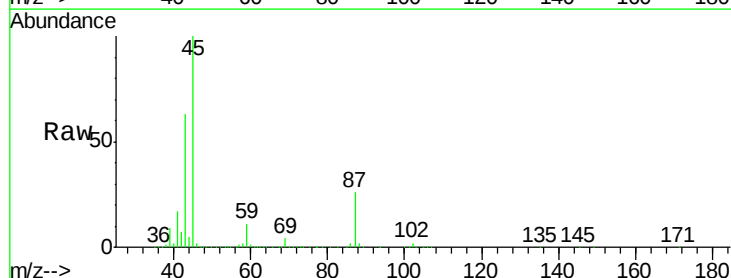
Ion Ratio Lower Upper

45 100

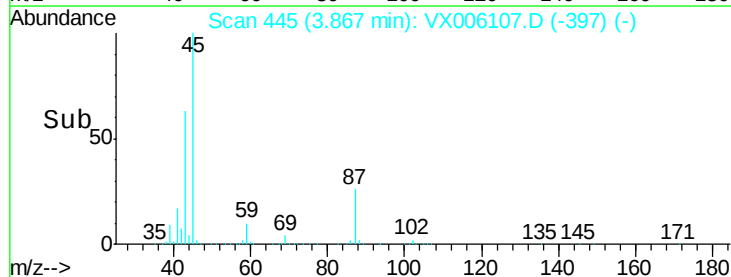
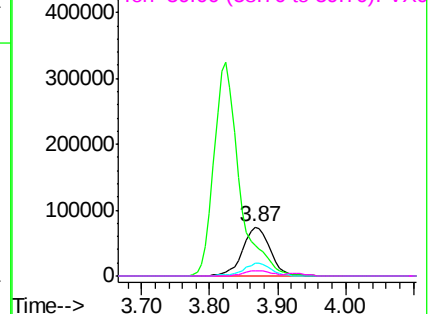
43 62.6 45.8 68.8

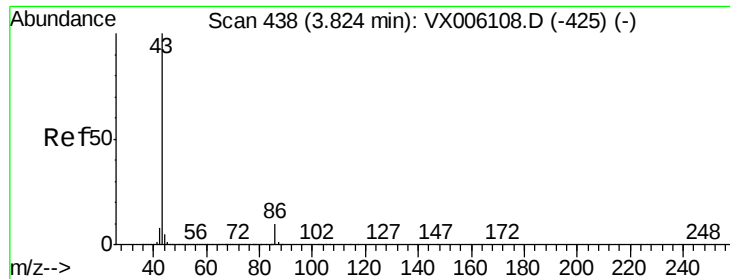
87 25.9 21.0 31.4

59 10.5 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: 99.046 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

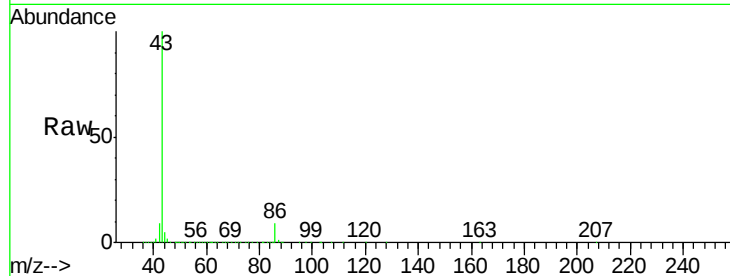
VSTDIC020

Tgt Ion: 43 Resp: 839778

Ion Ratio Lower Upper

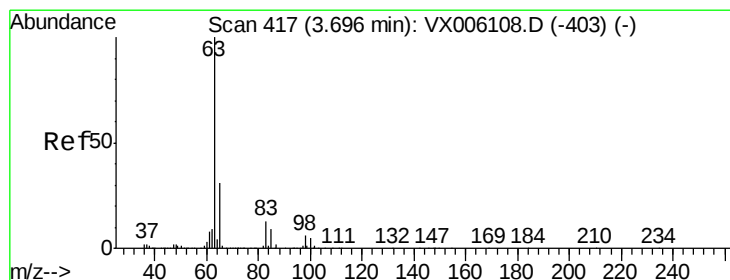
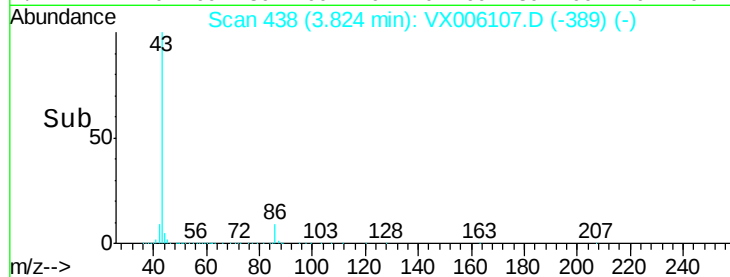
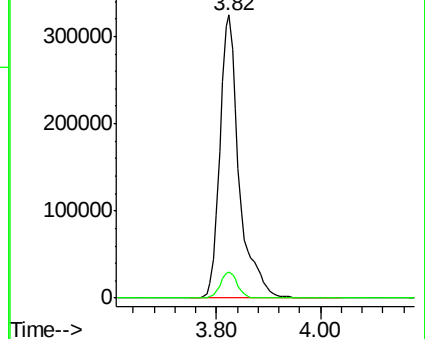
43 100

86 9.4 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.243 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

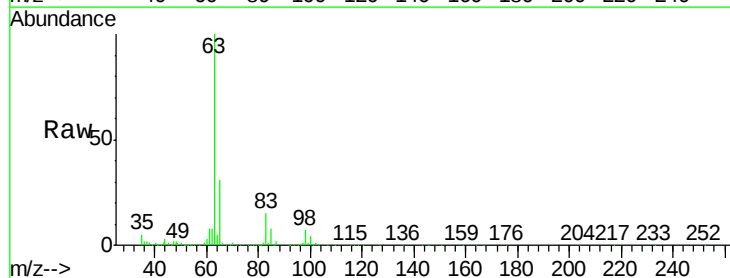
Tgt Ion: 63 Resp: 92652

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

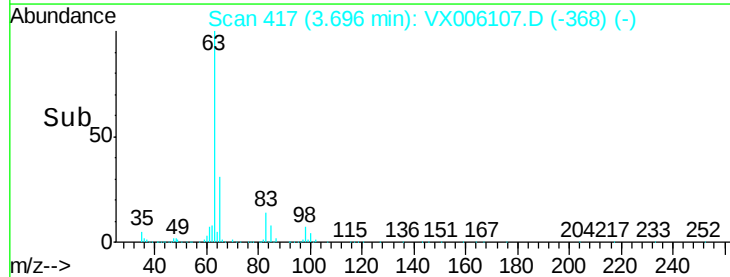
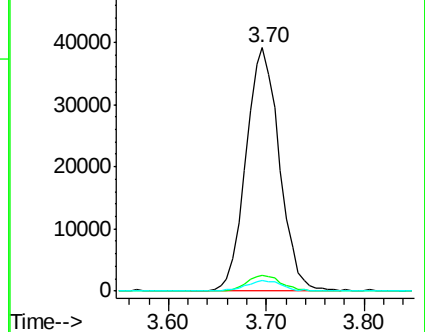
100 4.2 2.4 7.1

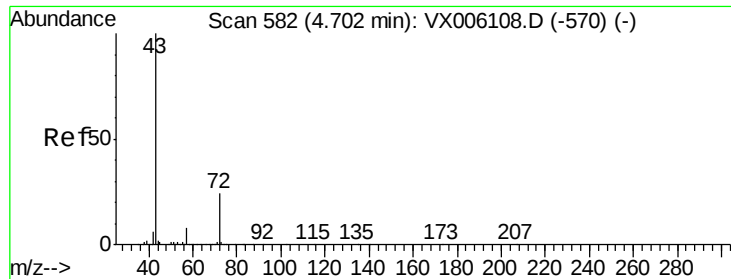


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.126 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

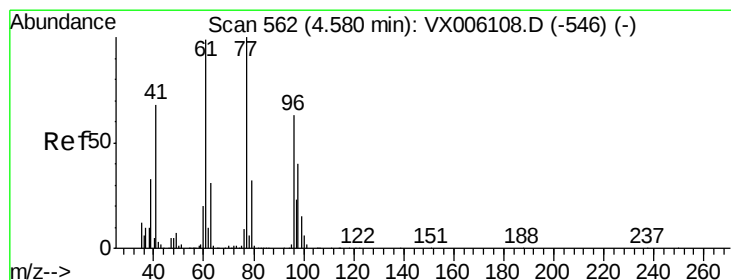
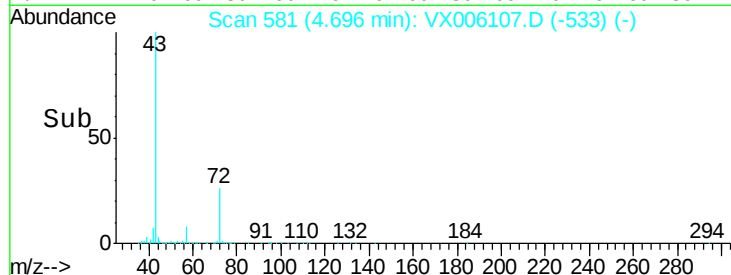
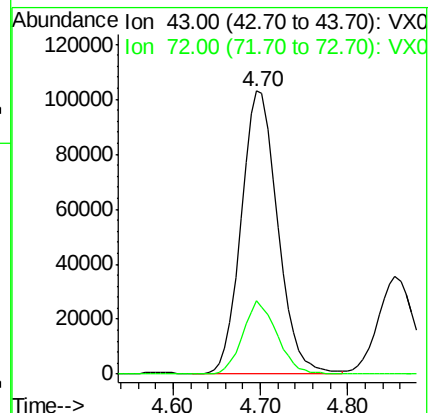
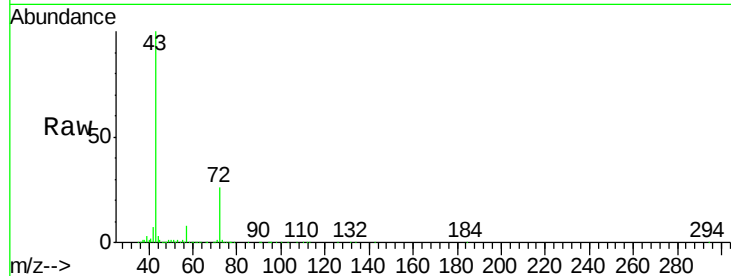
VSTDIC020

Tgt Ion: 43 Resp: 296478

Ion Ratio Lower Upper

43 100

72 25.7 19.2 28.8



#26

2,2-Dichloropropane

Concen: 18.822 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006107.D

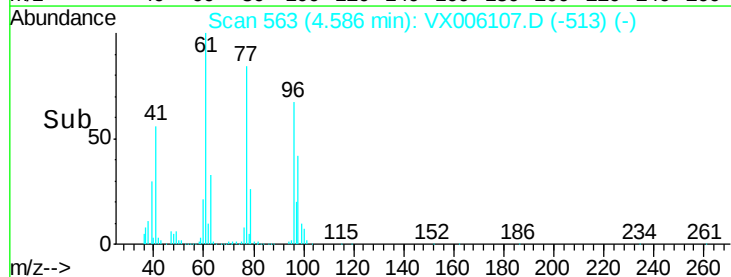
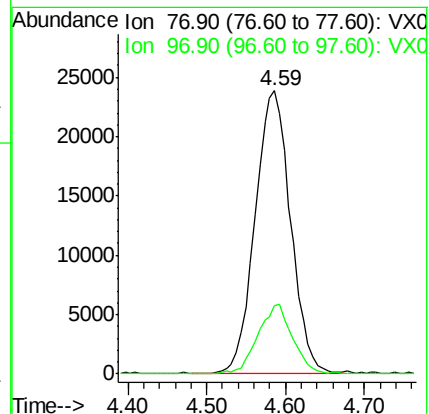
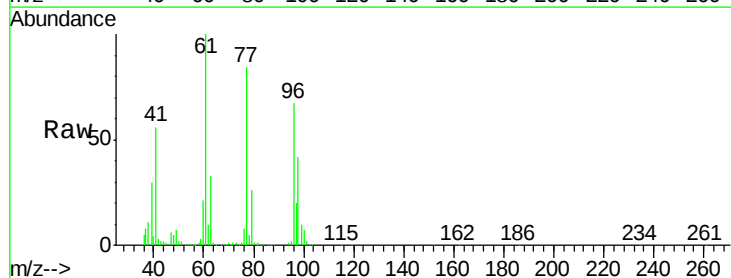
Acq: 20 Nov 2018 18:10

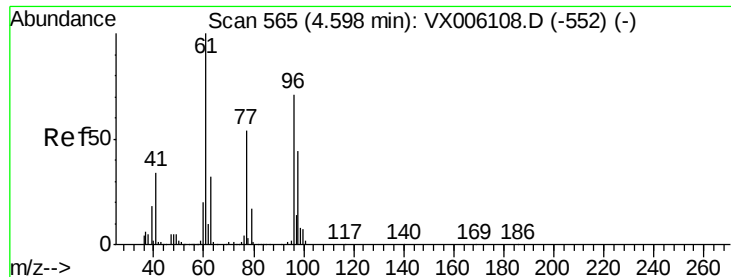
Tgt Ion: 77 Resp: 74691

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.5



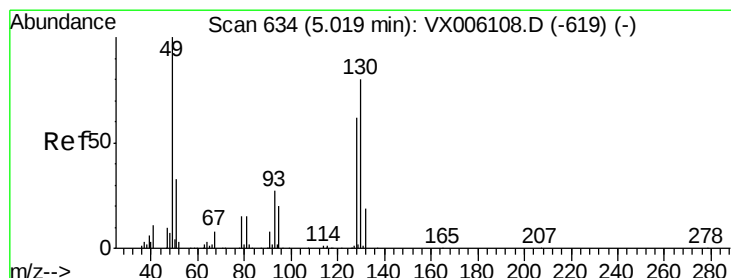
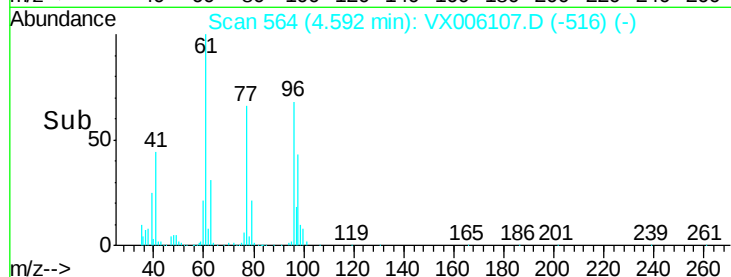
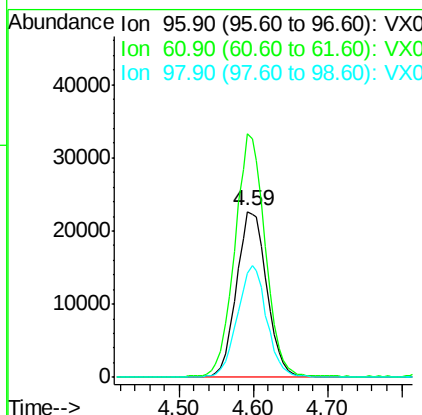
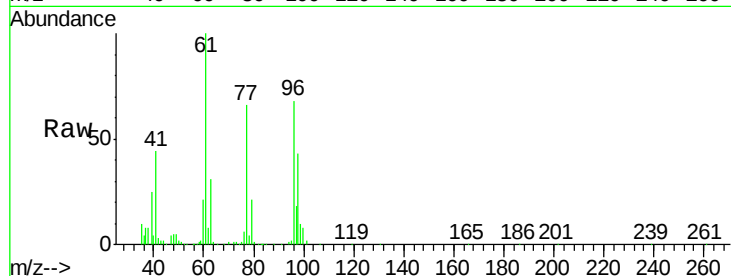


#27

cis-1,2-Dichloroethene
Concen: 19.050 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

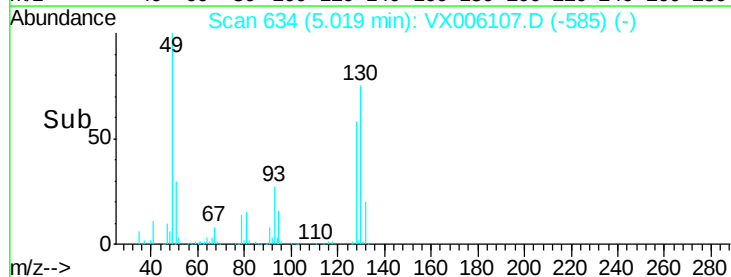
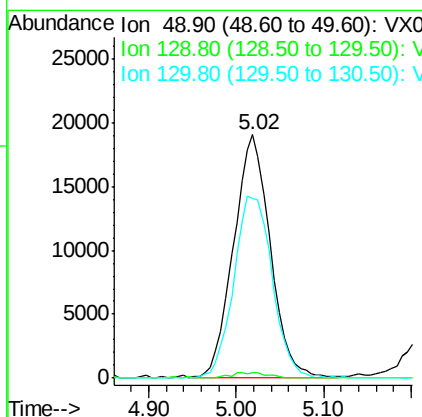
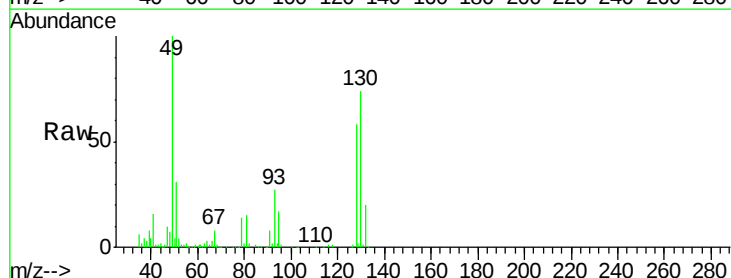
Tgt Ion: 96 Resp: 65003
Ion Ratio Lower Upper
96 100
61 147.2 0.0 291.6
98 65.1 0.0 128.2

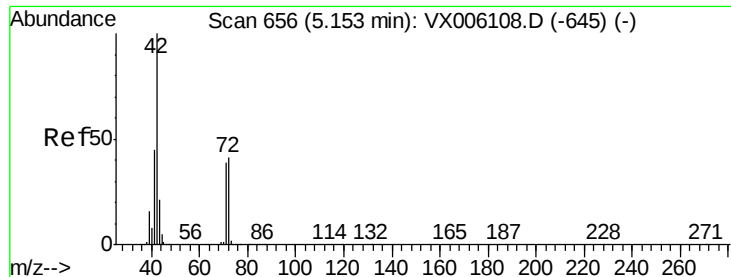


#28

Bromochloromethane
Concen: 19.871 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

Tgt Ion: 49 Resp: 55761
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.4
130 78.7 61.6 92.4





#29

Tetrahydrofuran

Concen: 98.988 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

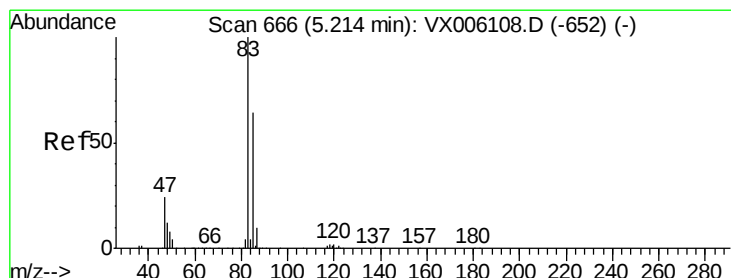
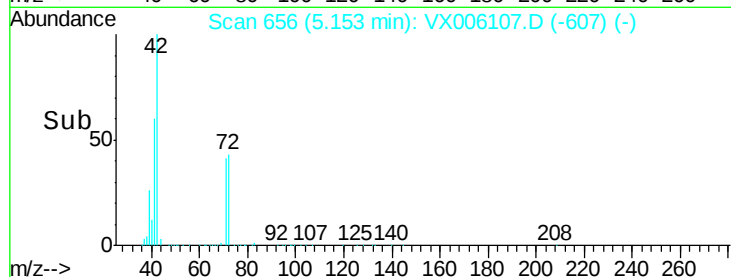
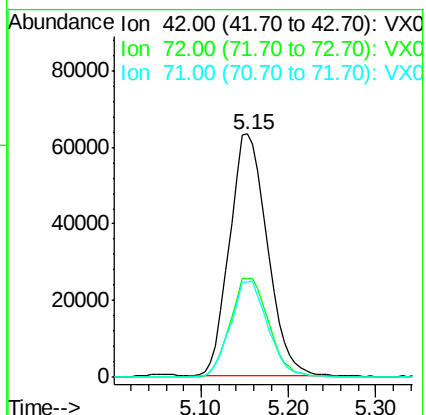
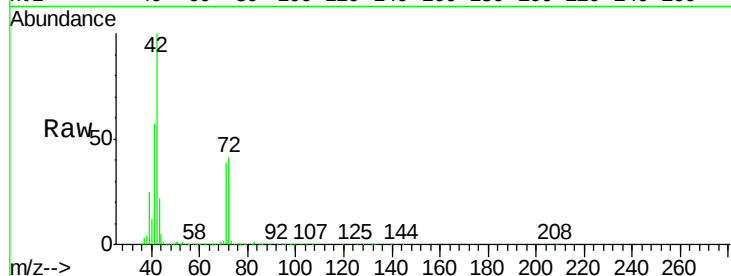
Tgt Ion: 42 Resp: 190455

Ion Ratio Lower Upper

42 100

72 42.2 33.0 49.6

71 39.8 31.0 46.4



#30

Chloroform

Concen: 19.188 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006107.D

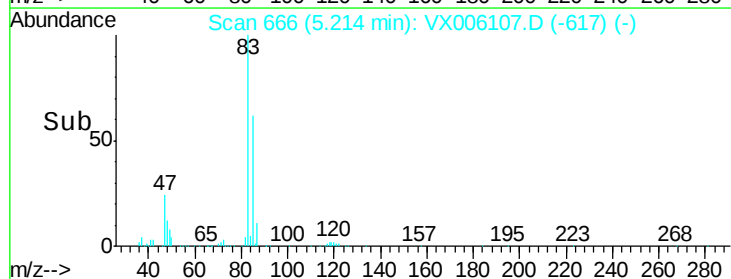
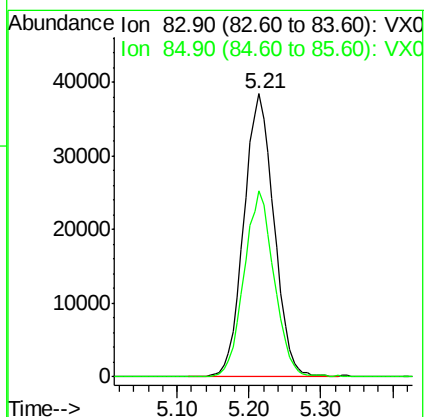
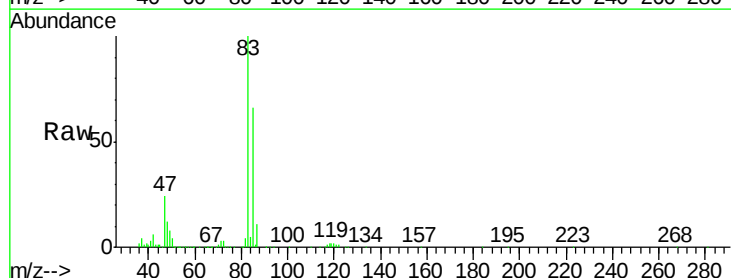
Acq: 20 Nov 2018 18:10

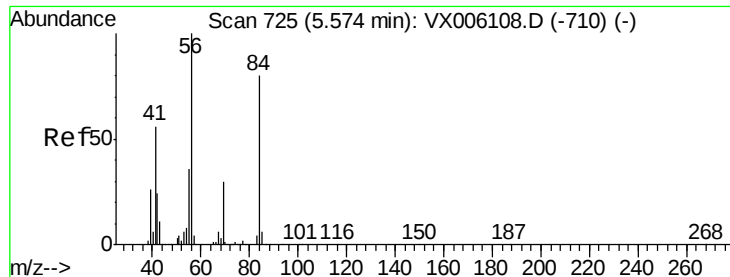
Tgt Ion: 83 Resp: 111953

Ion Ratio Lower Upper

83 100

85 65.6 51.0 76.4

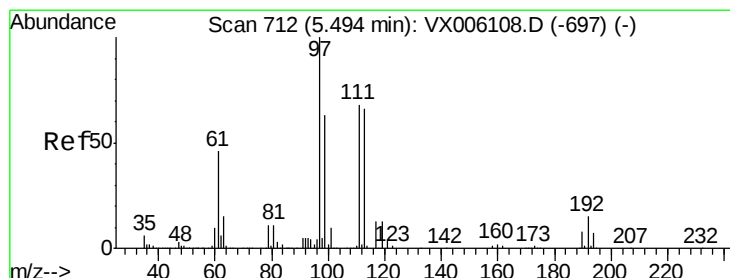
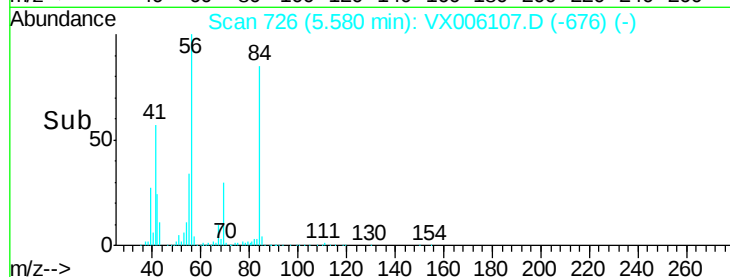
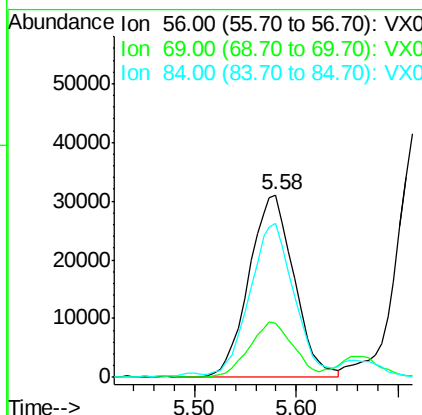
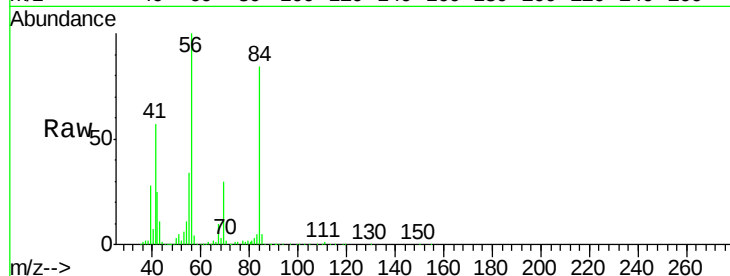




#31
Cyclohexane
Concen: 18.835 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

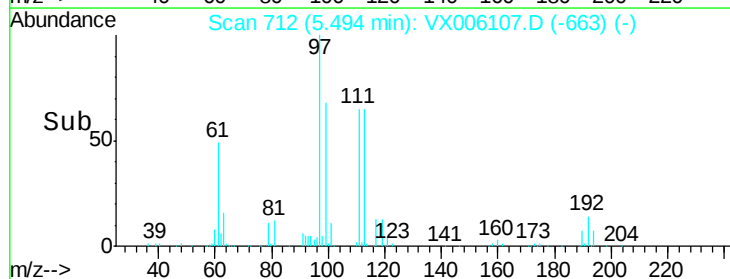
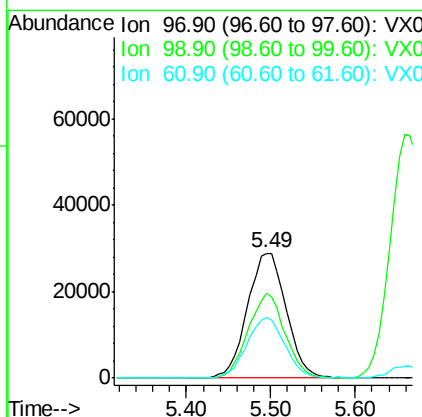
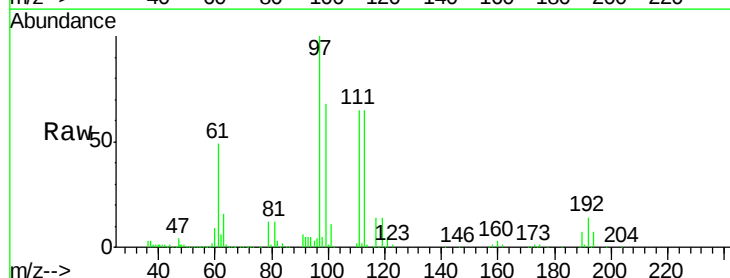
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

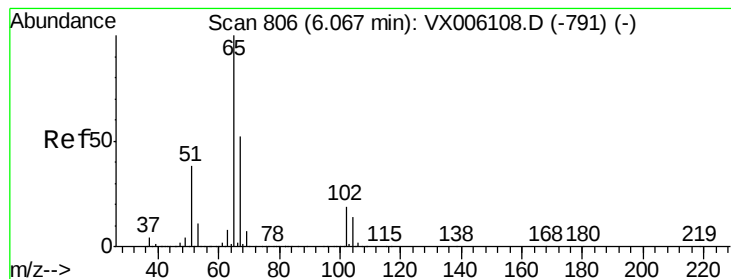
Tgt Ion: 56 Resp: 94727
Ion Ratio Lower Upper
56 100
69 29.8 23.9 35.9
84 82.6 63.6 95.4



#32
1,1,1-Trichloroethane
Concen: 19.135 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

Tgt Ion: 97 Resp: 90149
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 47.4 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 19.637 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

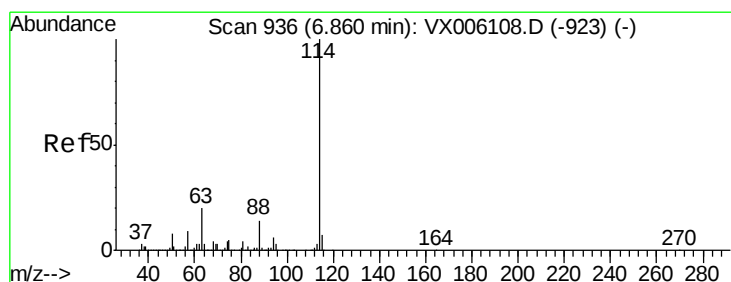
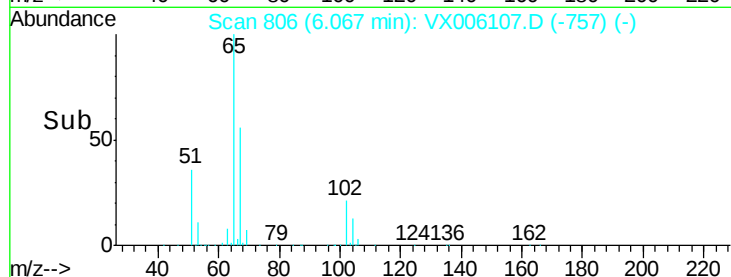
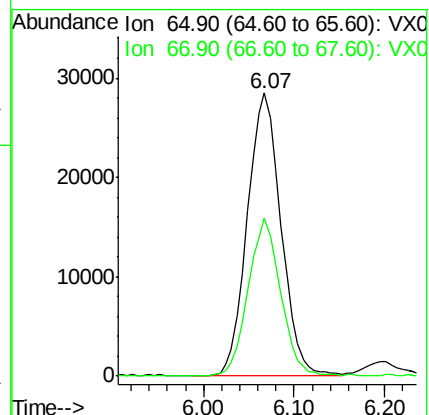
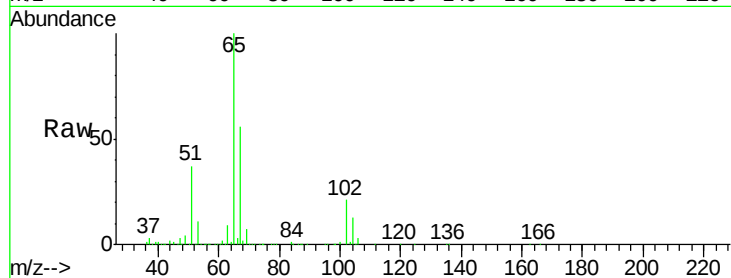
VSTDIC020

Tgt Ion: 65 Resp: 73534

Ion Ratio Lower Upper

65 100

67 53.5 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: VX006107.D

Acq: 20 Nov 2018 18:10

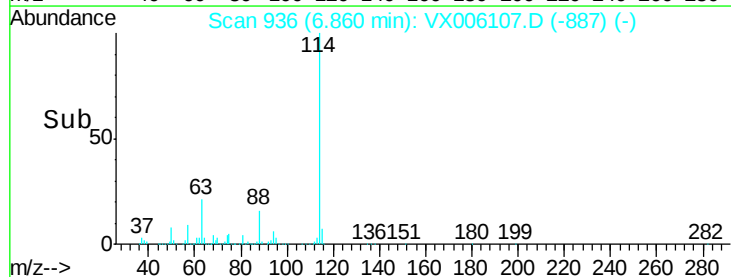
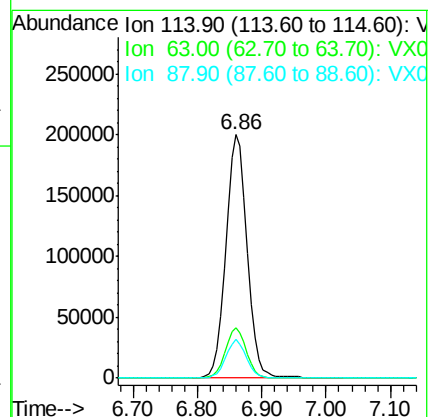
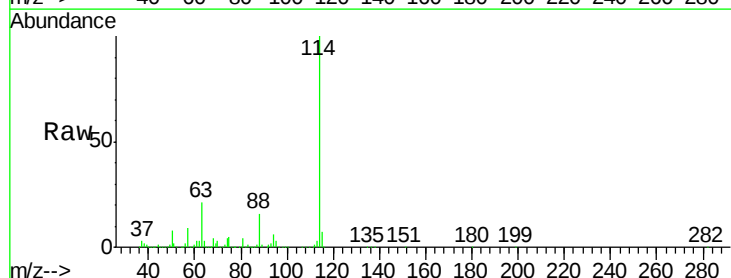
Tgt Ion: 114 Resp: 467037

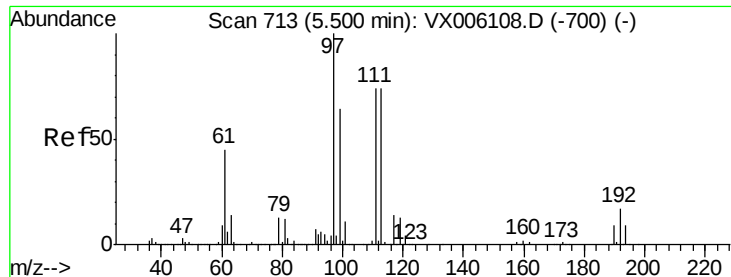
Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.2

88 15.7 0.0 28.6





#35

Dibromofluoromethane

Concen: 19.764 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

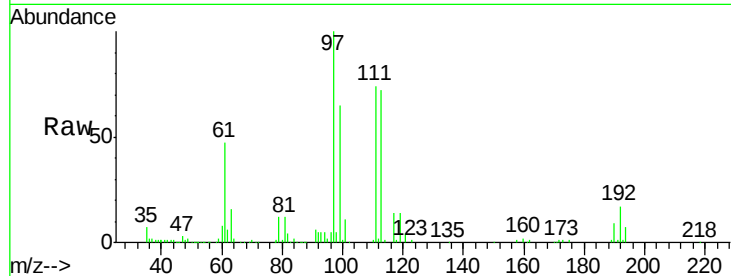
Tgt Ion:113 Resp: 59253

Ion Ratio Lower Upper

113 100

111 101.3 81.5 122.3

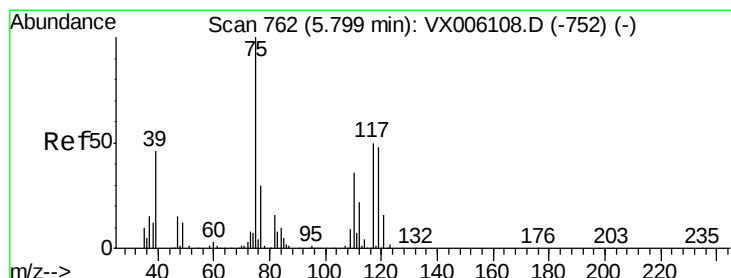
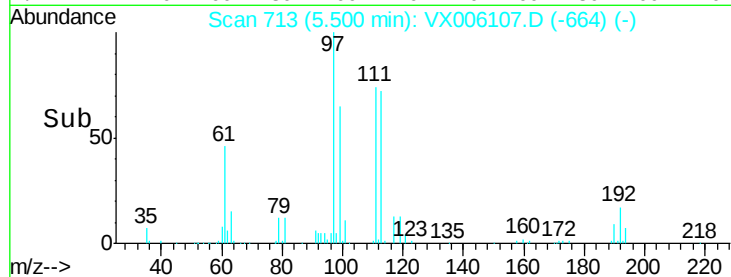
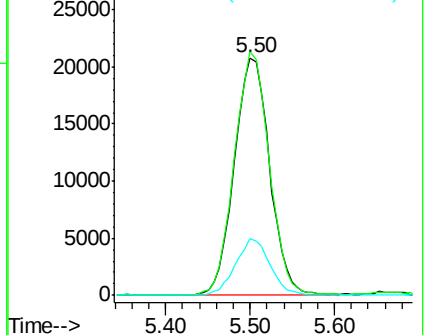
192 23.1 18.6 28.0



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: 19.007 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

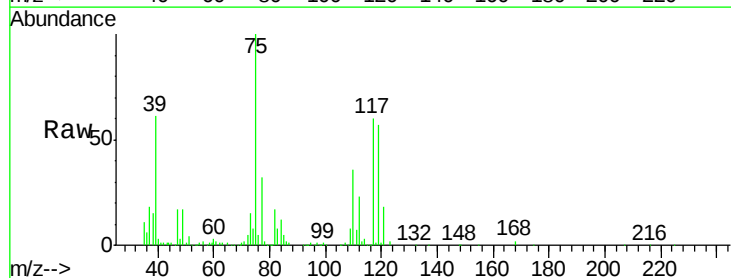
Tgt Ion: 75 Resp: 80760

Ion Ratio Lower Upper

75 100

110 36.0 17.8 53.3

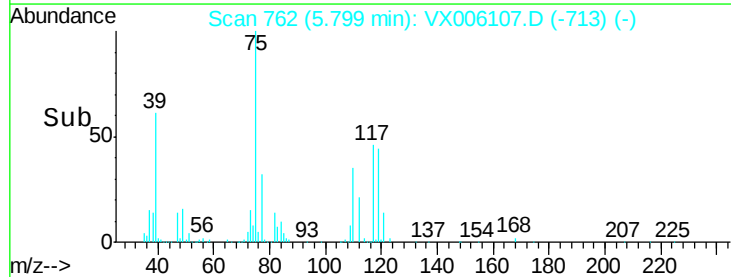
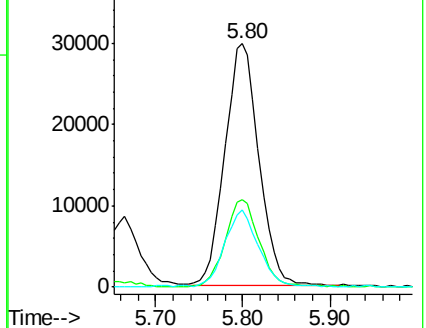
77 31.0 24.5 36.7

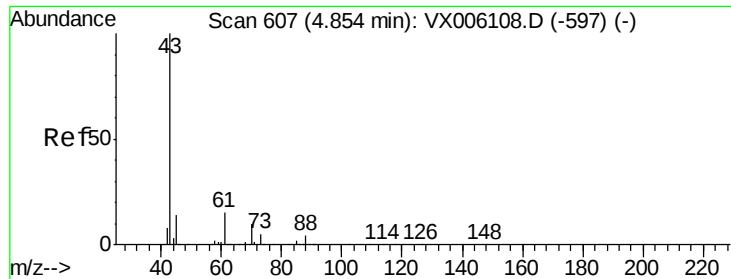


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

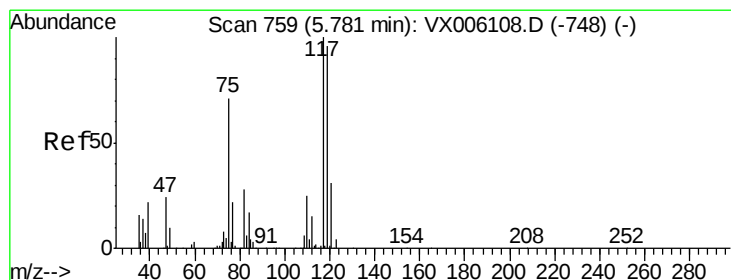
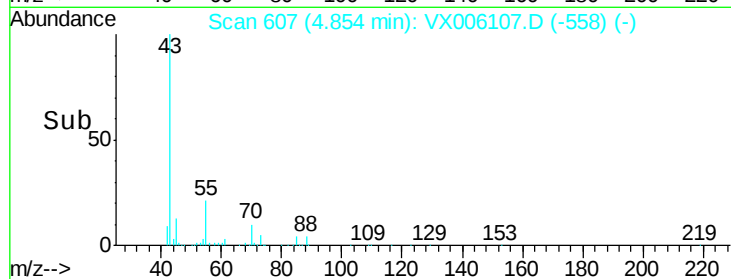
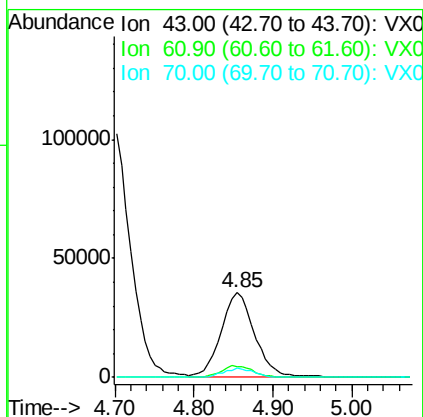
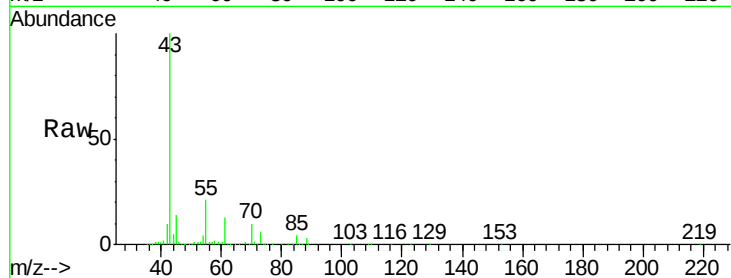




#37
Ethyl Acetate
Concen: 18.882 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

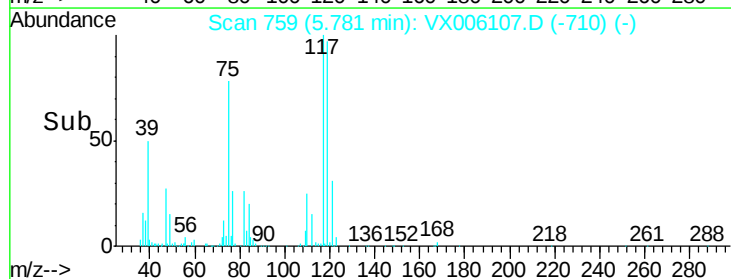
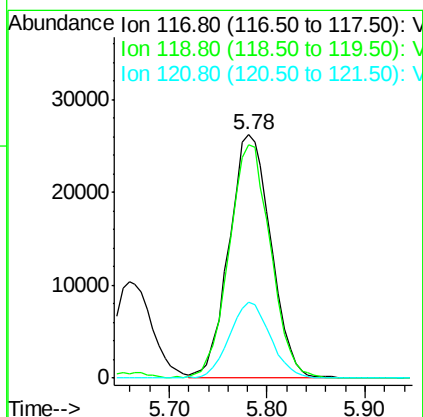
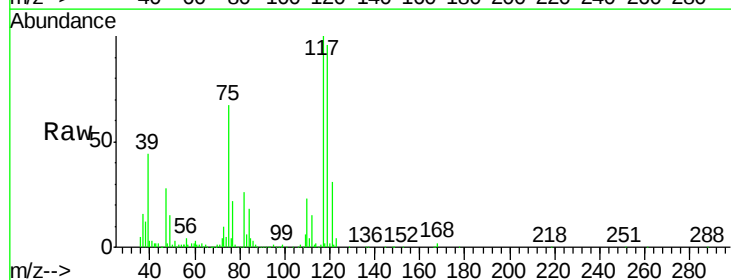
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

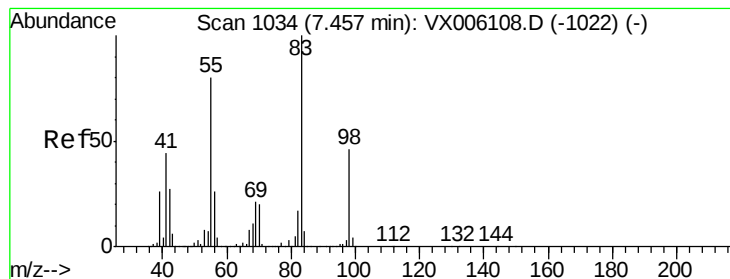
Tgt Ion: 43 Resp: 103216
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 10.4 7.9 11.9



#38
Carbon Tetrachloride
Concen: 19.471 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

Tgt Ion: 117 Resp: 77760
Ion Ratio Lower Upper
117 100
119 96.1 76.3 114.5
121 31.0 24.7 37.1





#39

Methylcyclohexane

Concen: 18.846 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

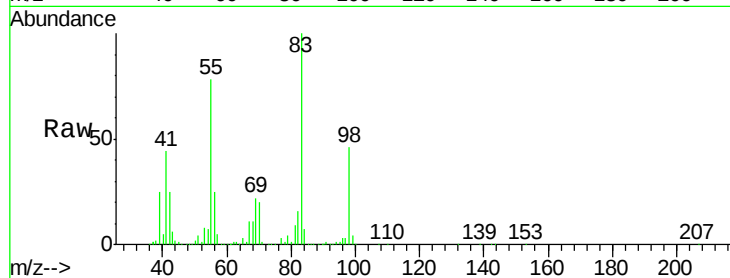
Tgt Ion: 83 Resp: 91227

Ion Ratio Lower Upper

83 100

55 77.9 63.9 95.9

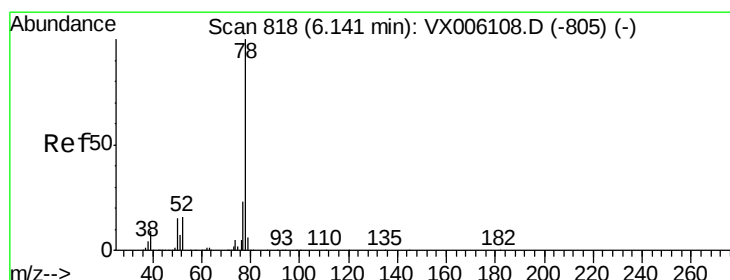
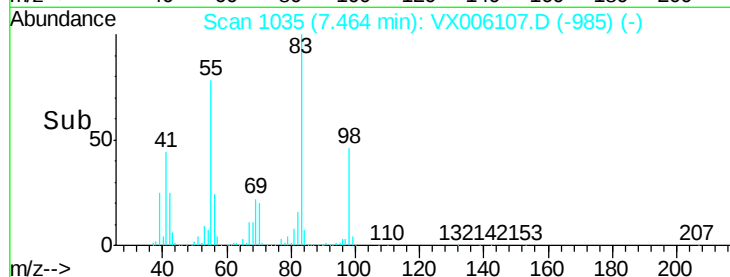
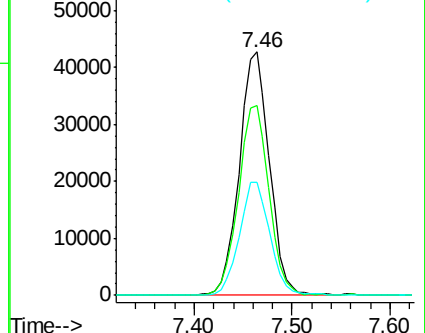
98 46.4 36.8 55.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 19.649 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX006107.D

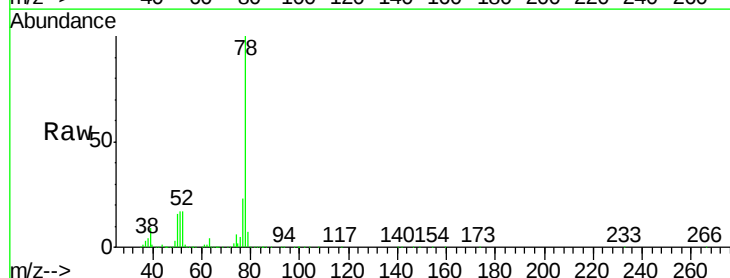
Acq: 20 Nov 2018 18:10

Tgt Ion: 78 Resp: 245965

Ion Ratio Lower Upper

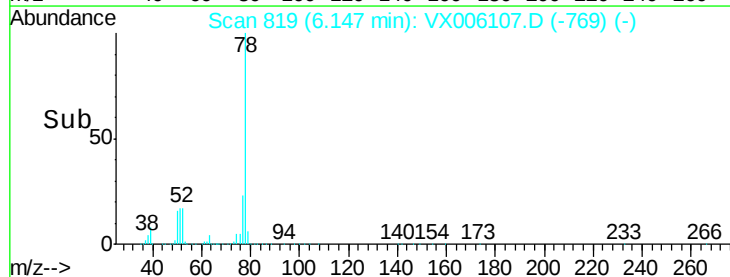
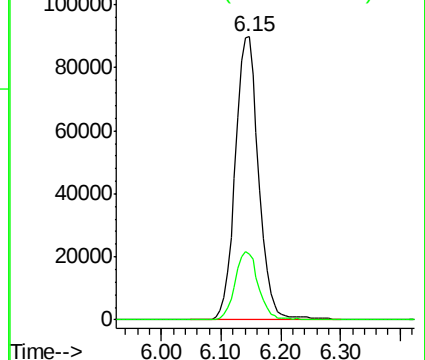
78 100

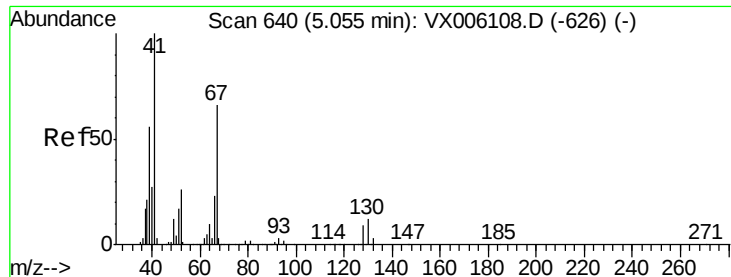
77 23.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

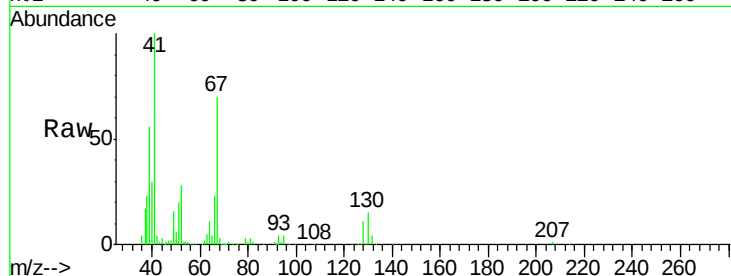




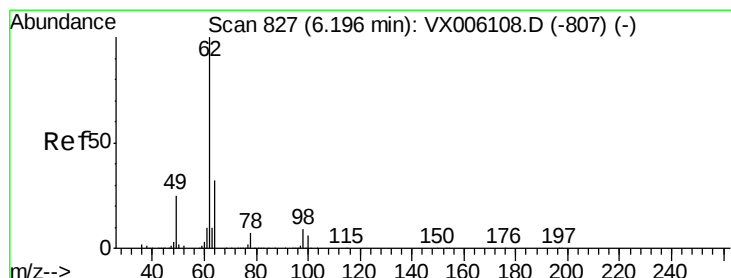
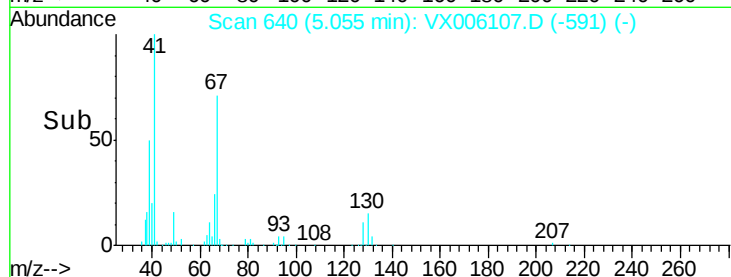
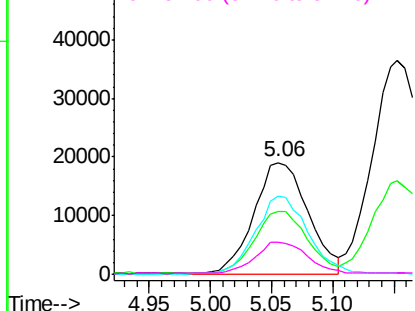
#41
Methacrylonitrile
Concen: 19.410 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion:	41	Resp:	58472
Ion	Ratio	Lower	Upper
41	100		
39	54.6	44.1	66.1
67	68.1	54.1	81.1
52	27.2	21.7	32.5

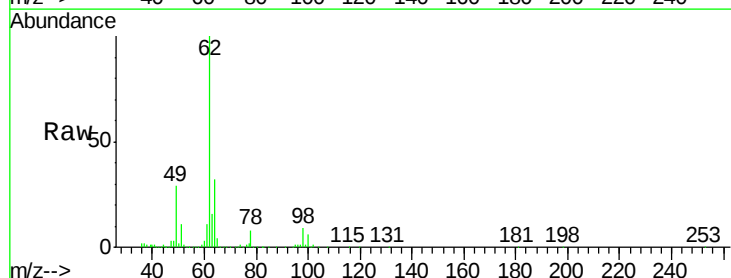


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

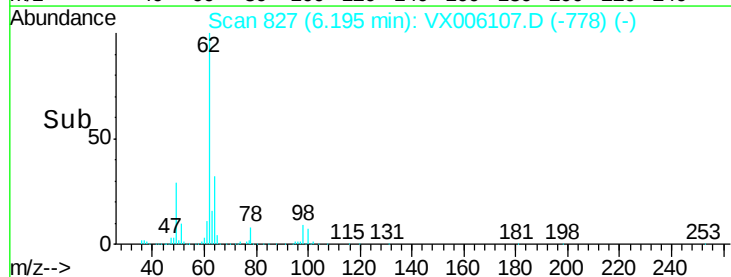
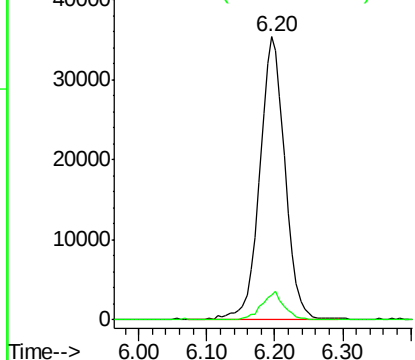


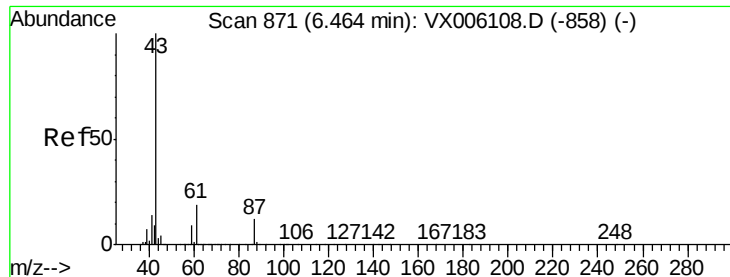
#42
1,2-Dichloroethane
Concen: 19.664 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

Tgt Ion:	62	Resp:	92027
Ion	Ratio	Lower	Upper
62	100		
98	8.9	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: 18.915 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

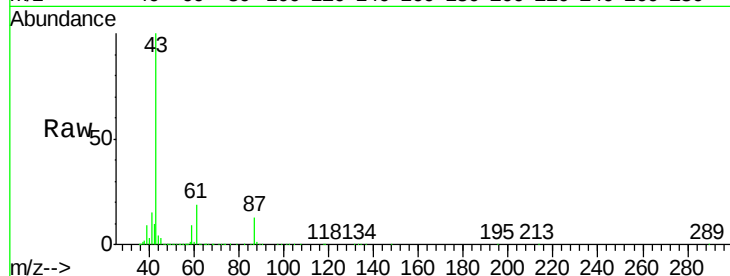
Tgt Ion: 43 Resp: 149325

Ion Ratio Lower Upper

43 100

61 19.6 15.2 22.8

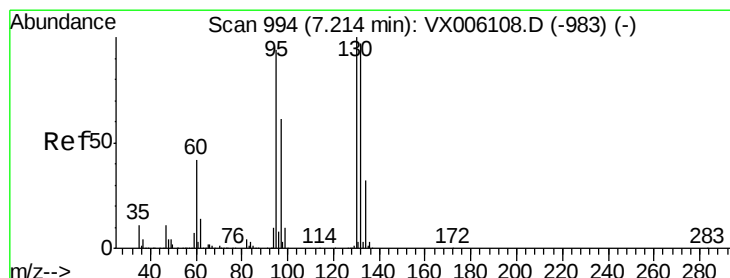
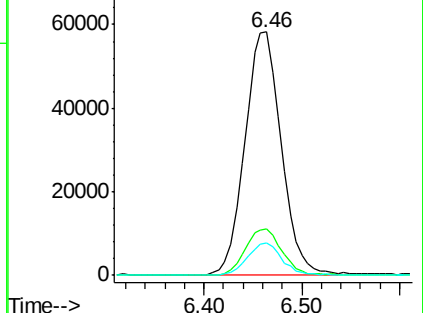
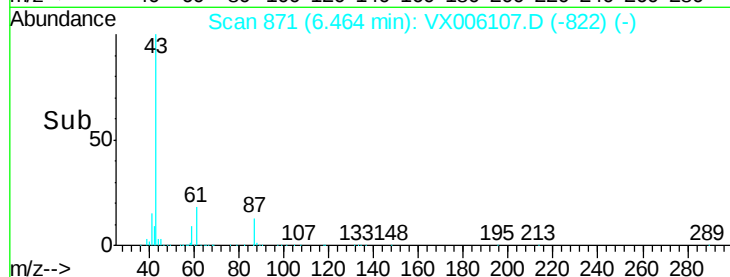
87 12.8 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX006107.D (-822) (-)

Ion 61.00 (60.70 to 61.70): VX006107.D (-822) (-)

Ion 87.00 (86.70 to 87.70): VX006107.D (-822) (-)



#44

Trichloroethene

Concen: 19.472 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006107.D

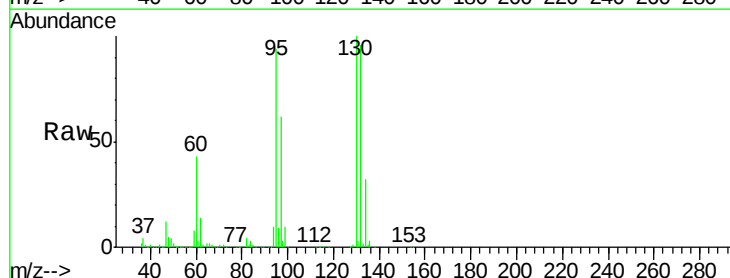
Acq: 20 Nov 2018 18:10

Tgt Ion: 130 Resp: 67746

Ion Ratio Lower Upper

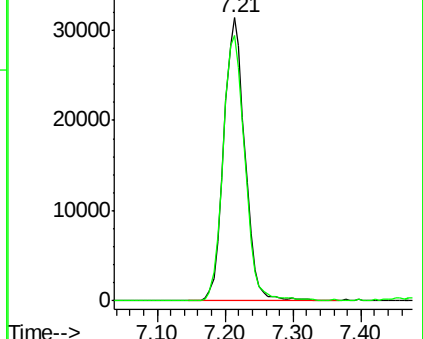
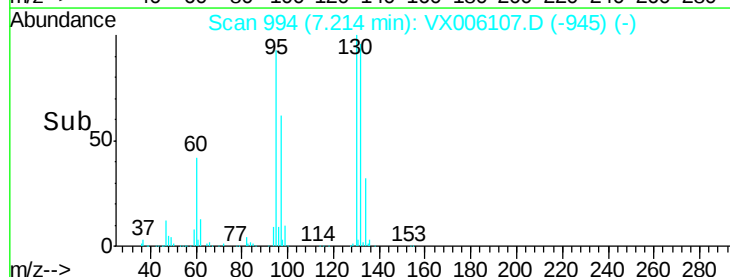
130 100

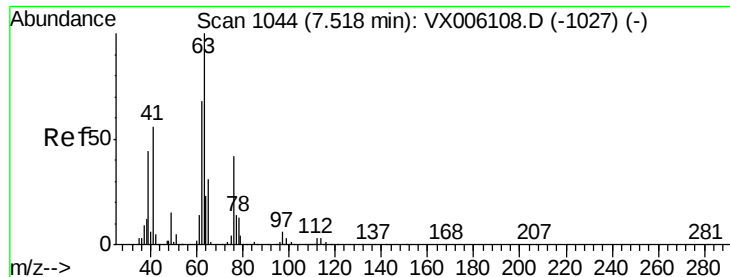
95 93.7 0.0 188.8



Abundance Ion 129.80 (129.50 to 130.50): VX006107.D (-945) (-)

Ion 94.90 (94.60 to 95.60): VX006107.D (-945) (-)





#45

1,2-Dichloropropane

Concen: 19.476 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

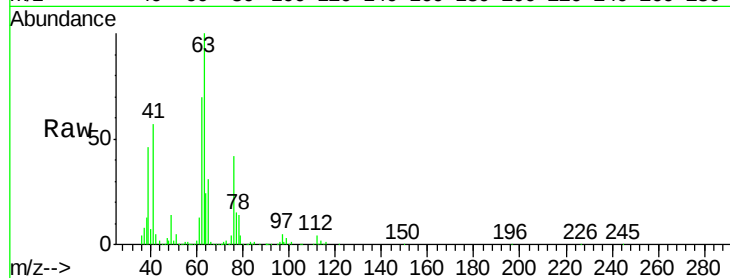
VSTDIC020

Tgt Ion: 63 Resp: 64521

Ion Ratio Lower Upper

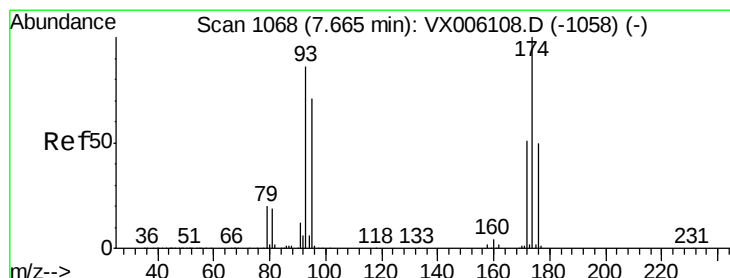
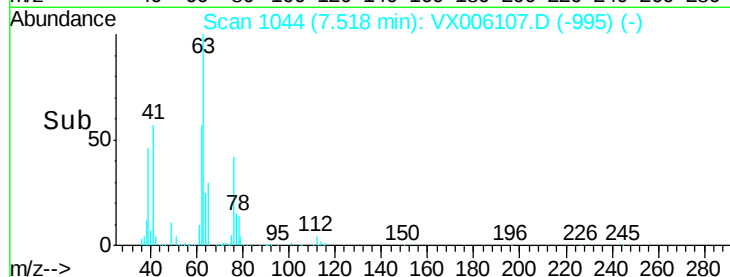
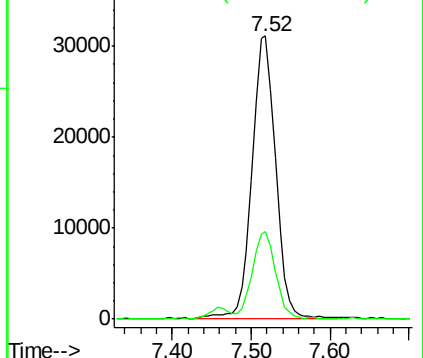
63 100

65 30.8 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: 19.645 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

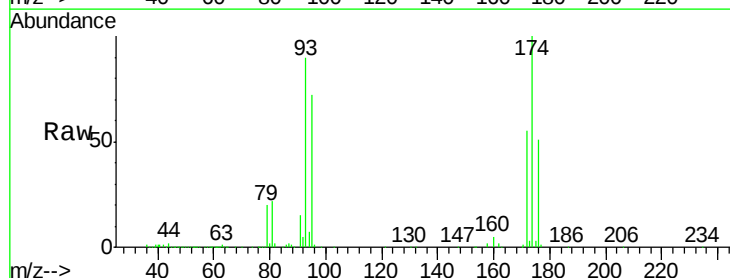
Tgt Ion: 93 Resp: 44570

Ion Ratio Lower Upper

93 100

95 81.0 66.3 99.5

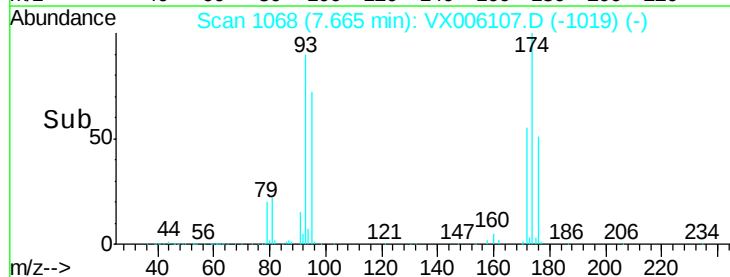
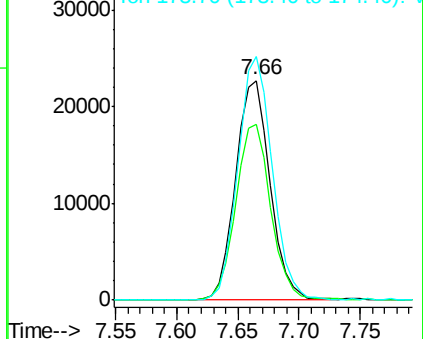
174 110.1 91.0 136.6

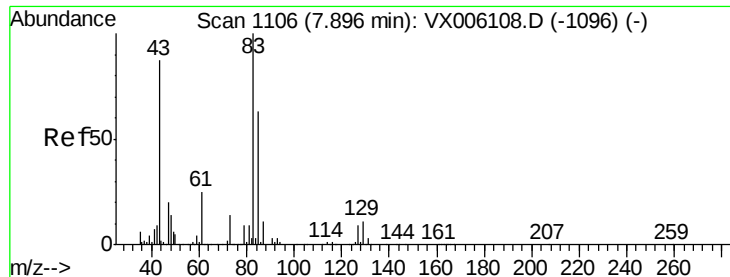


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.806 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

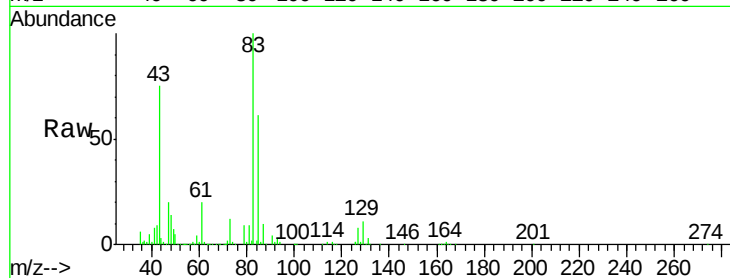
Tgt Ion: 83 Resp: 78910

Ion Ratio Lower Upper

83 100

85 60.6 50.4 75.6

127 8.5 7.0 10.4

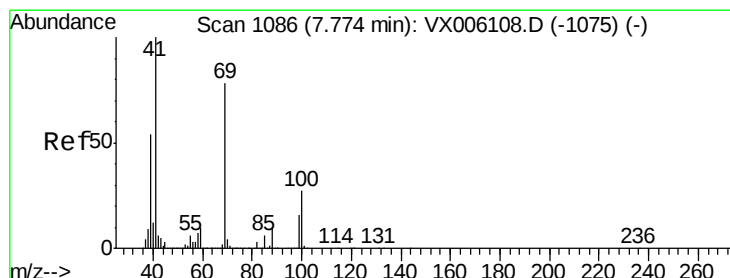
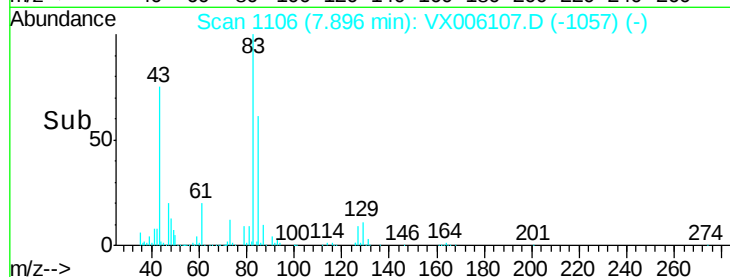


Abundance Ion 82.90 (82.60 to 83.60): VX006107.D (-1057) (-)

Ion 84.90 (84.60 to 85.60): VX006107.D (-1057) (-)

Ion 126.80 (126.50 to 127.50): VX006107.D (-1057) (-)

Time-->



#48

Methyl methacrylate

Concen: 19.549 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

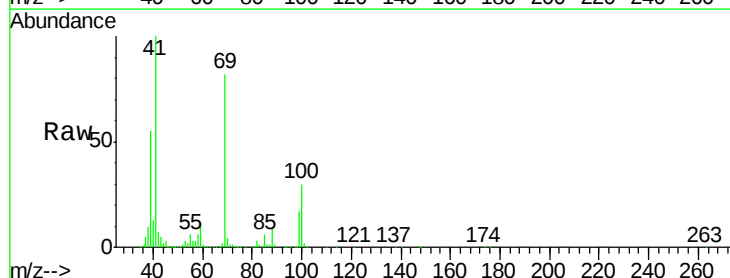
Tgt Ion: 41 Resp: 78269

Ion Ratio Lower Upper

41 100

69 79.9 62.8 94.2

39 54.3 43.8 65.6

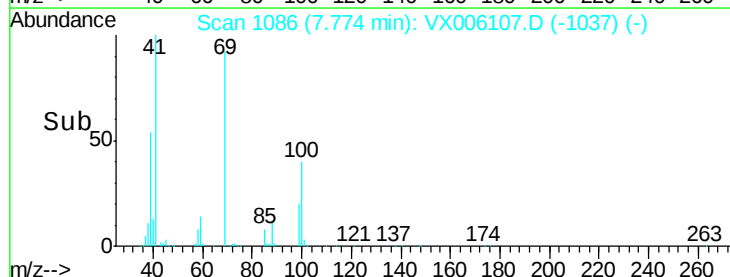


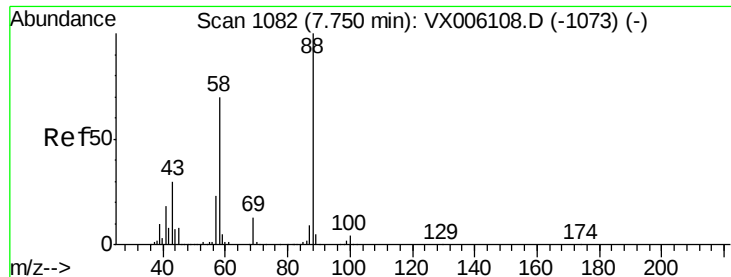
Abundance Ion 41.00 (40.70 to 41.70): VX006107.D (-1037) (-)

Ion 69.00 (68.70 to 69.70): VX006107.D (-1037) (-)

Ion 39.00 (38.70 to 39.70): VX006107.D (-1037) (-)

Time-->





#49

1,4-Dioxane

Concen: 388.595 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

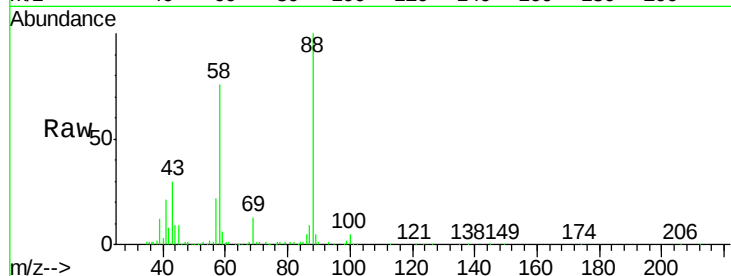
Tgt Ion: 88 Resp: 36912

Ion Ratio Lower Upper

88 100

43 36.1 26.7 40.1

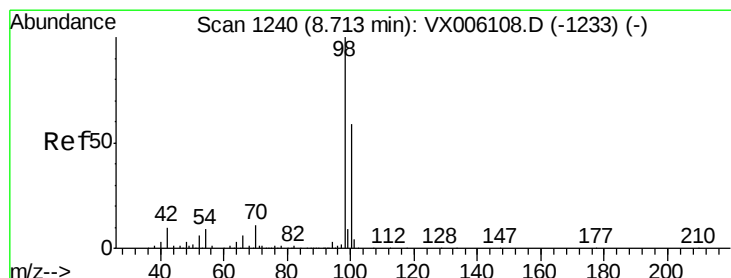
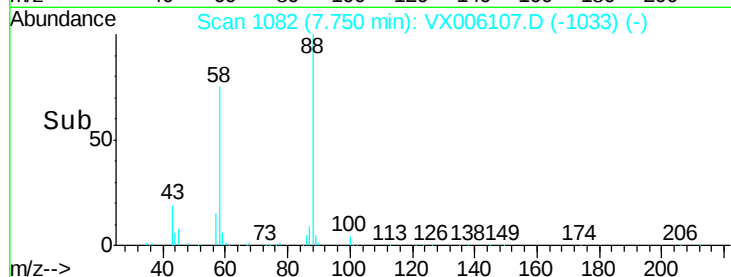
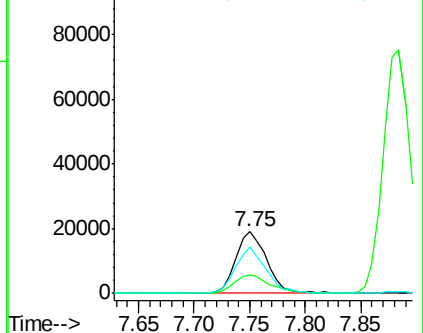
58 74.5 58.5 87.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 19.452 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006107.D

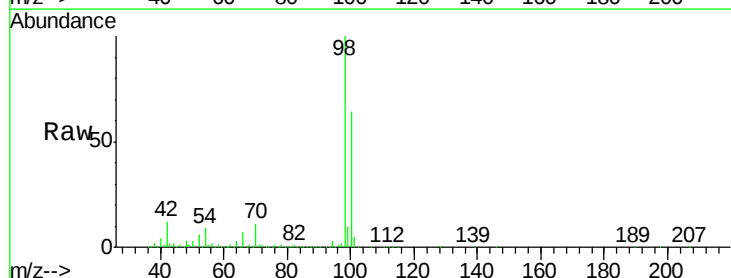
Acq: 20 Nov 2018 18:10

Tgt Ion: 98 Resp: 222431

Ion Ratio Lower Upper

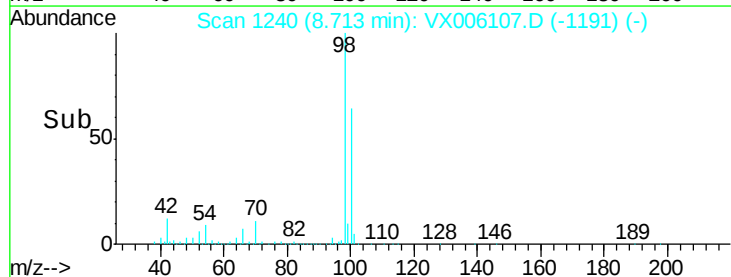
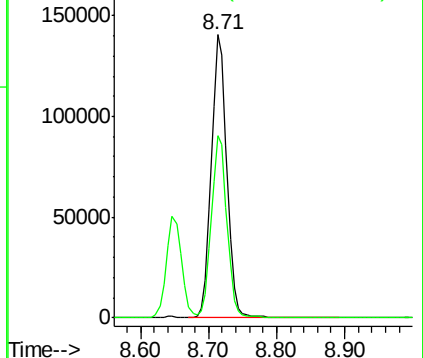
98 100

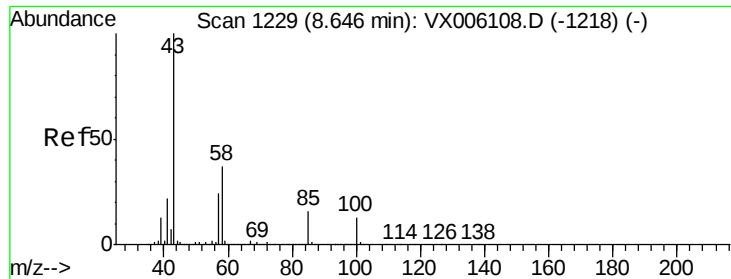
100 64.5 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 100.206 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

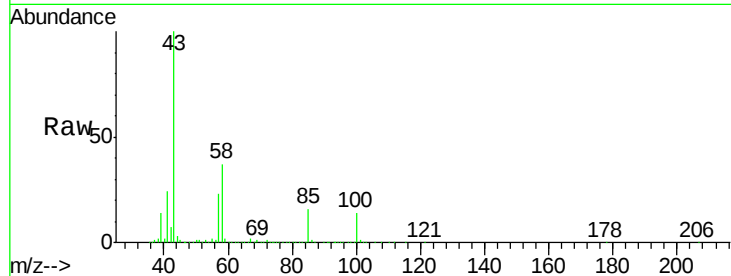
VSTDIC020

Tgt Ion: 43 Resp: 567117

Ion Ratio Lower Upper

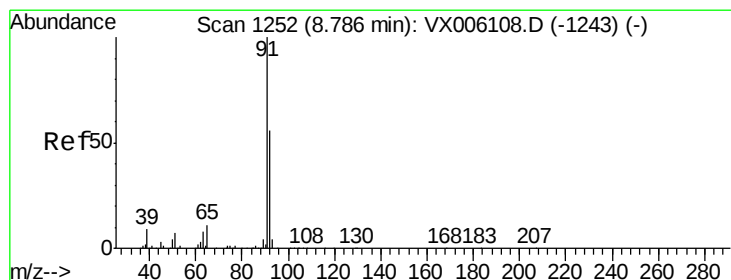
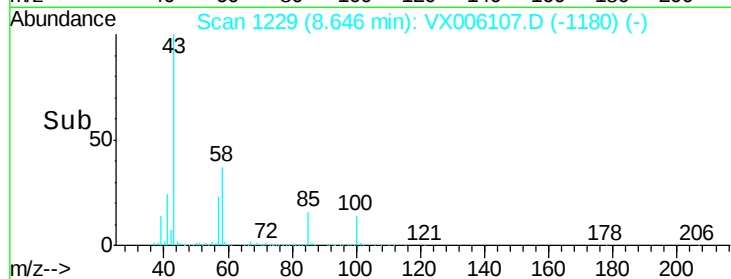
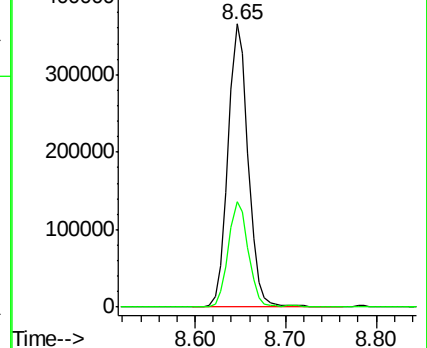
43 100

58 37.1 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.103 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006107.D

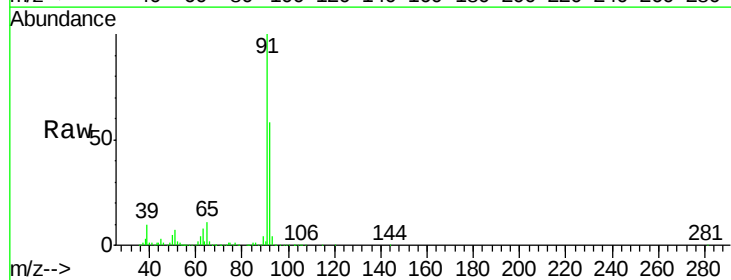
Acq: 20 Nov 2018 18:10

Tgt Ion: 92 Resp: 155654

Ion Ratio Lower Upper

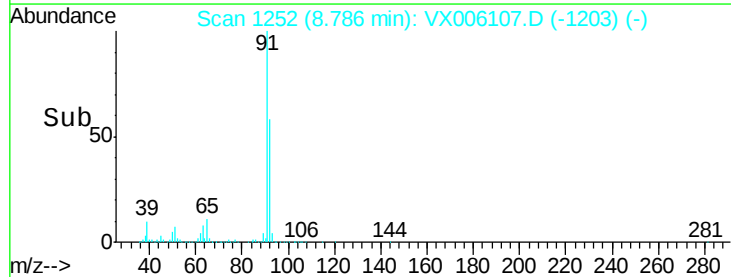
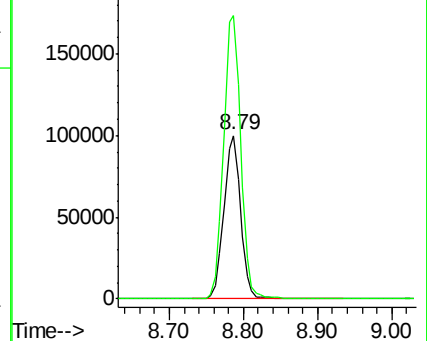
92 100

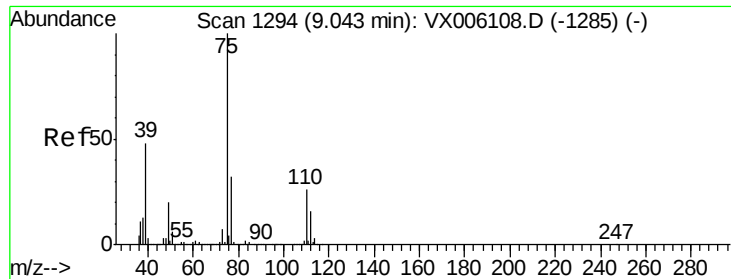
91 177.3 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.586 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

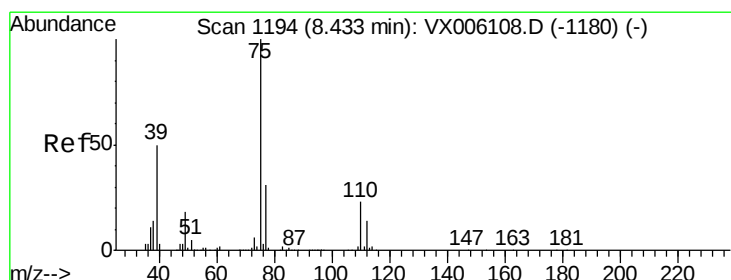
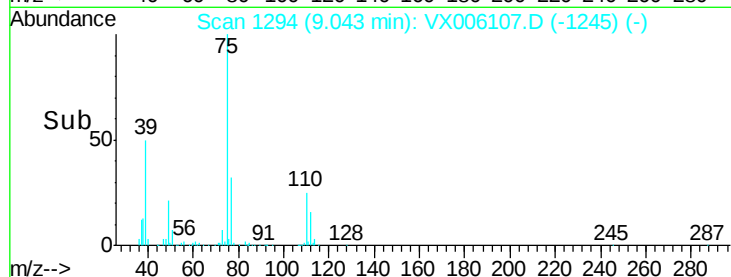
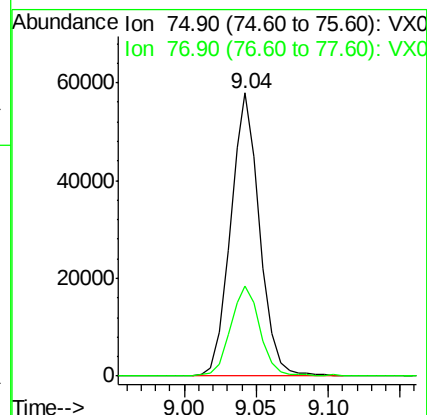
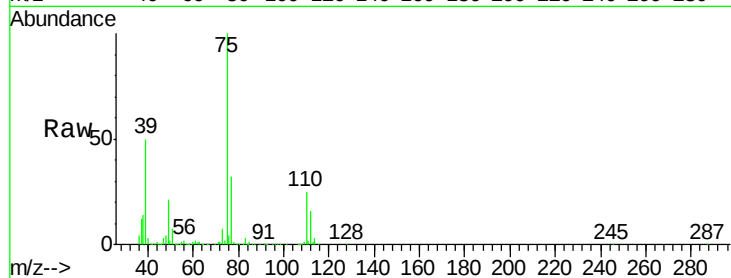
VSTDIC020

Tgt Ion: 75 Resp: 81383

Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 19.478 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

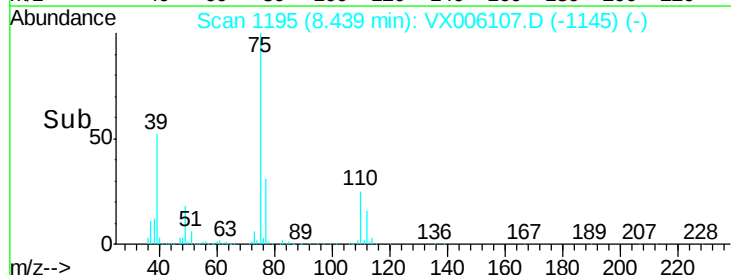
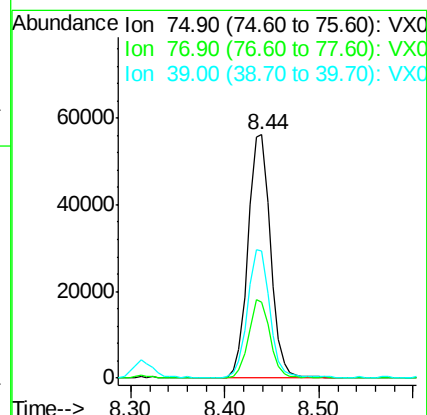
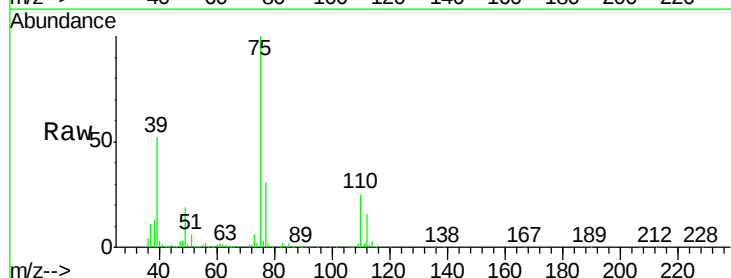
Tgt Ion: 75 Resp: 94283

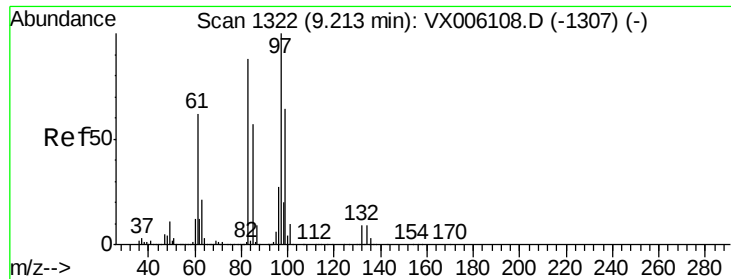
Ion Ratio Lower Upper

75 100

77 31.2 24.7 37.1

39 51.7 40.3 60.5

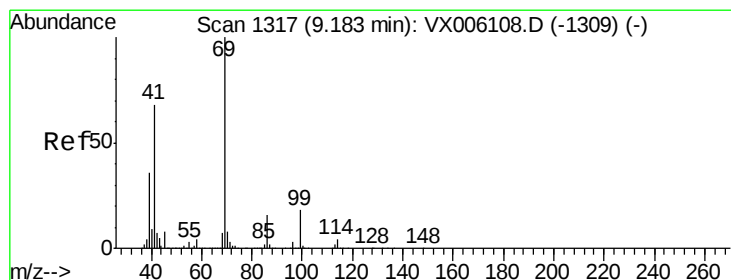
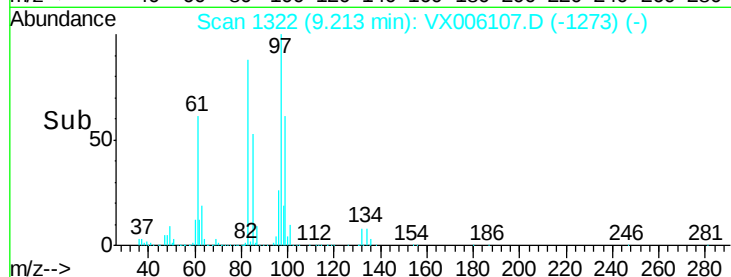
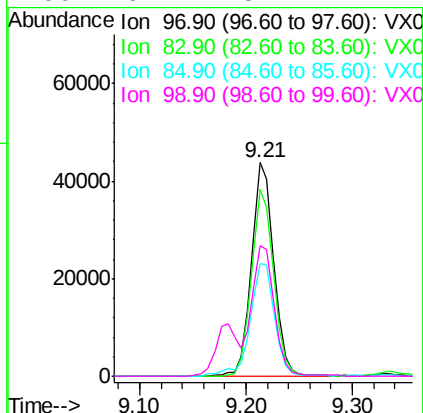
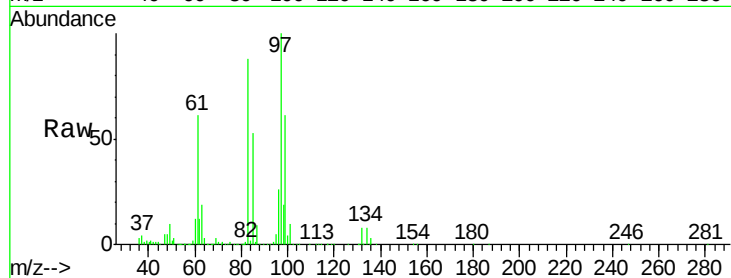




#55
 1,1,2-Trichloroethane
 Concen: 19.340 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006107.D
 Acq: 20 Nov 2018 18:10

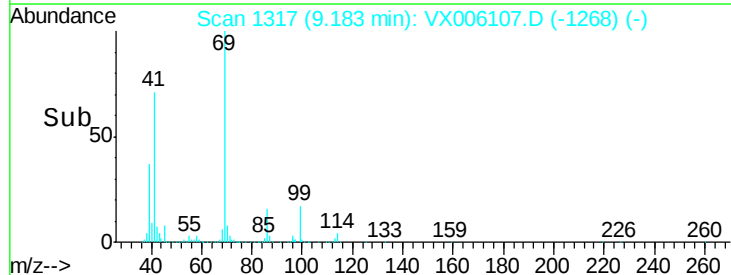
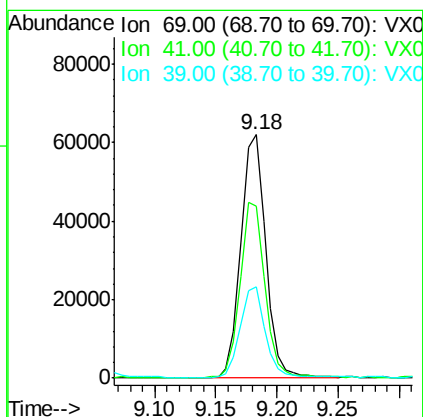
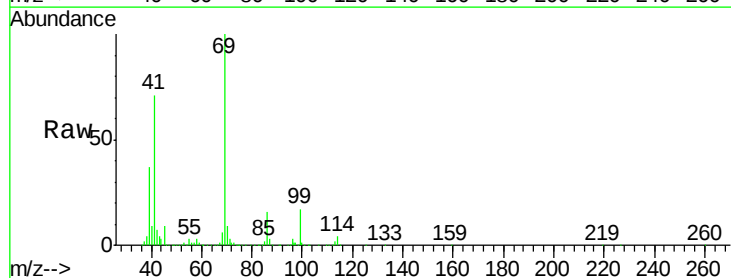
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

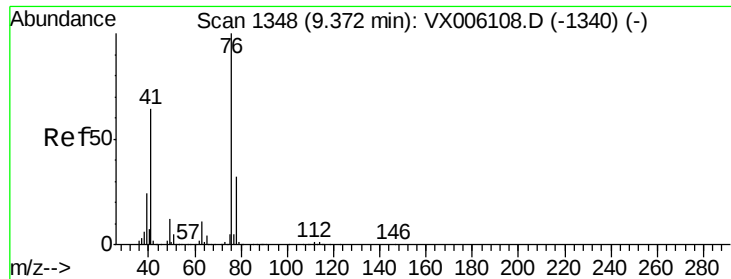
Tgt Ion: 97 Resp: 64853
 Ion Ratio Lower Upper
 97 100
 83 87.5 70.7 106.1
 85 53.0 45.7 68.5
 99 61.2 51.4 77.2



#56
 Ethyl methacrylate
 Concen: 19.109 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX006107.D
 Acq: 20 Nov 2018 18:10

Tgt Ion: 69 Resp: 87983
 Ion Ratio Lower Upper
 69 100
 41 71.7 56.2 84.4
 39 37.8 29.4 44.0





#57

1,3-Dichloropropane

Concen: 19.356 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

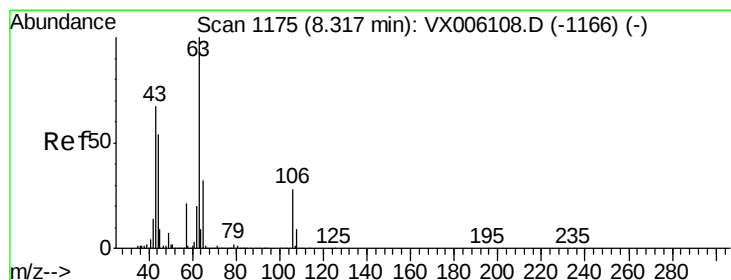
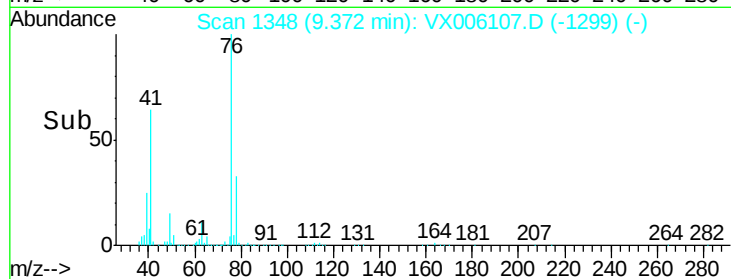
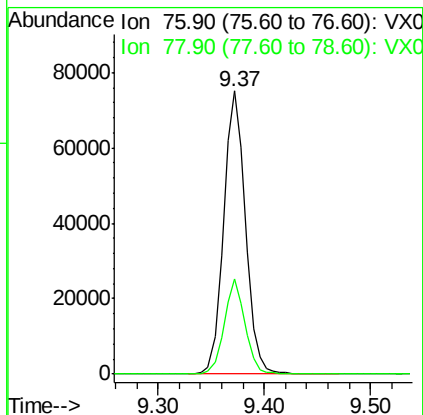
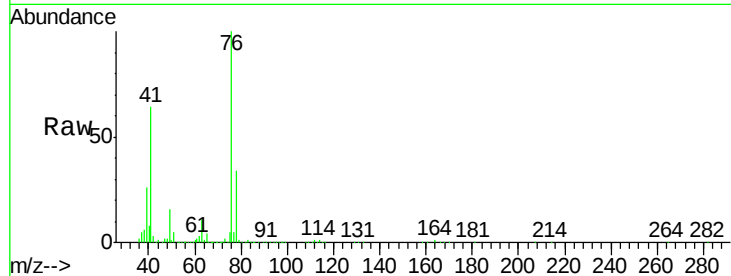
VSTDIC020

Tgt Ion: 76 Resp: 106985

Ion Ratio Lower Upper

76 100

78 32.4 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 104.944 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX006107.D

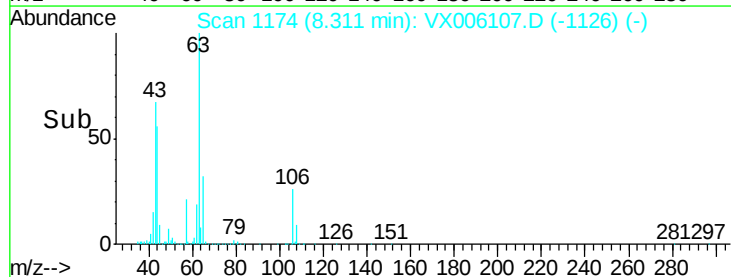
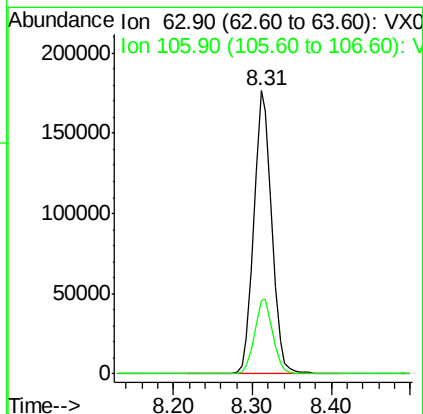
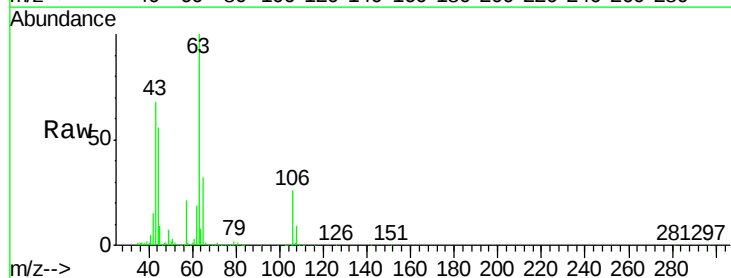
Acq: 20 Nov 2018 18:10

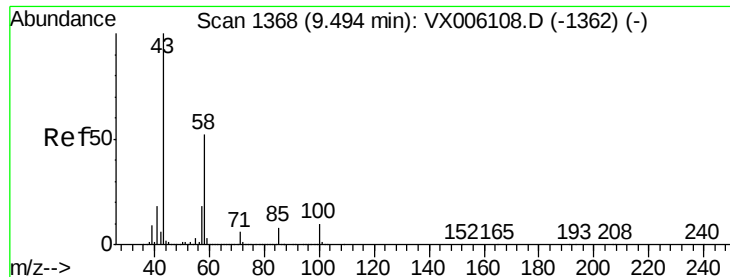
Tgt Ion: 63 Resp: 277698

Ion Ratio Lower Upper

63 100

106 27.0 21.7 32.5

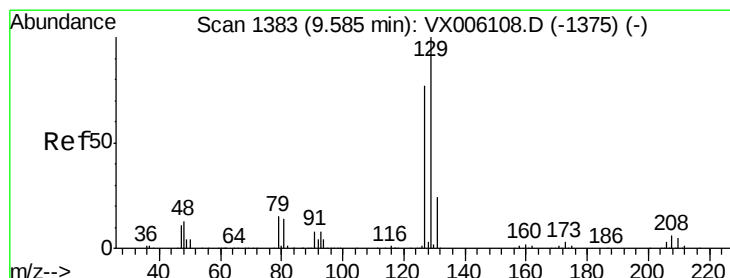
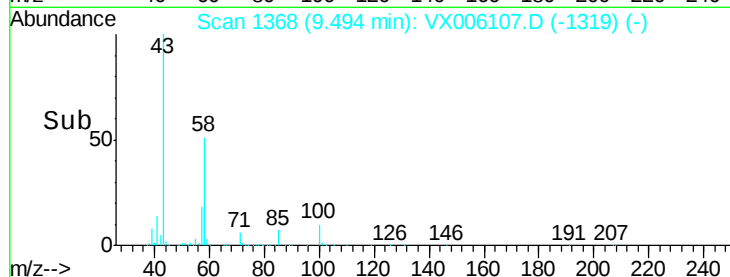
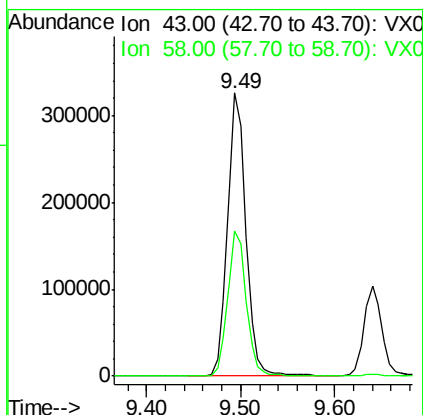
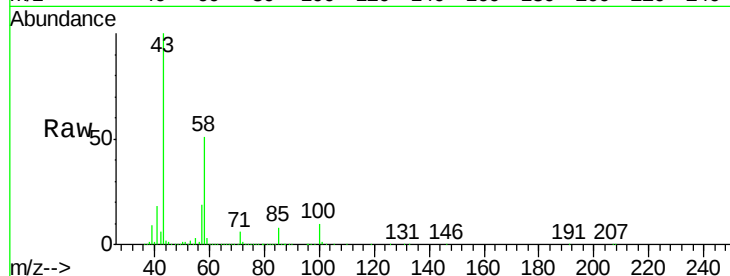




#59
2-Hexanone
Concen: 98.478 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

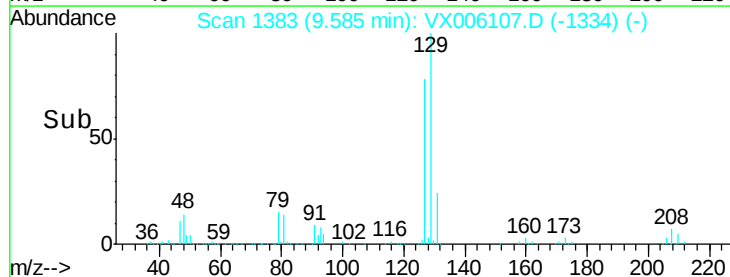
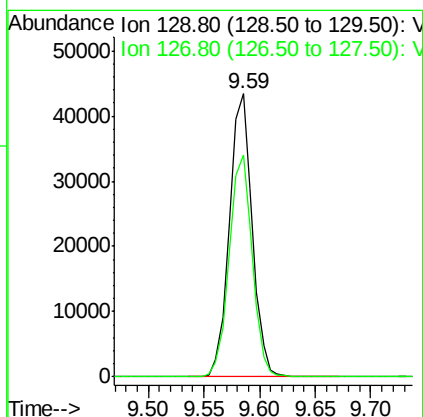
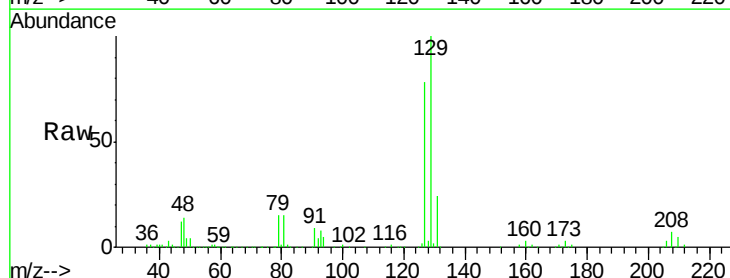
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

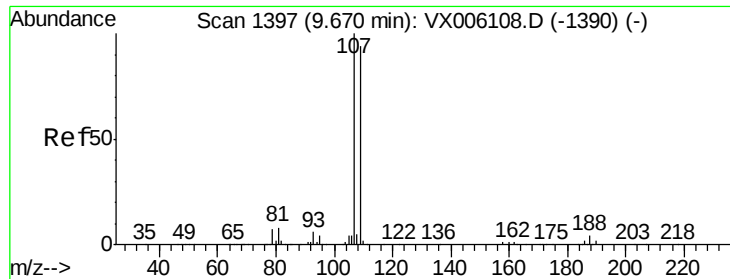
Tgt Ion: 43 Resp: 442310
Ion Ratio Lower Upper
43 100
58 51.8 26.3 78.9



#60
Dibromochloromethane
Concen: 18.671 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

Tgt Ion: 129 Resp: 61382
Ion Ratio Lower Upper
129 100
127 79.3 39.1 117.5





#61

1,2-Dibromoethane

Concen: 19.564 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

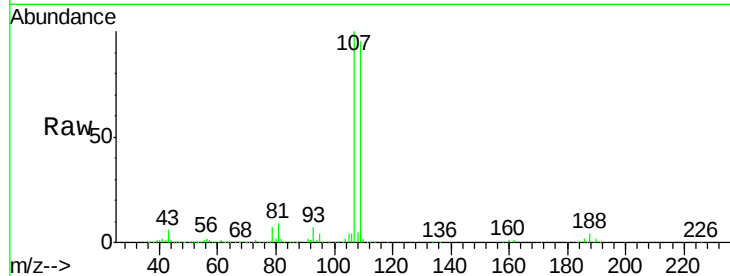
VSTDIC020

Tgt Ion: 107 Resp: 67584

Ion Ratio Lower Upper

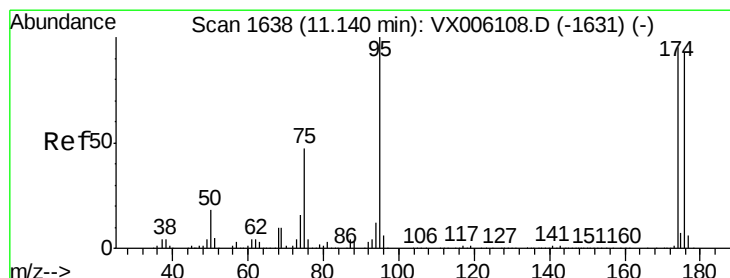
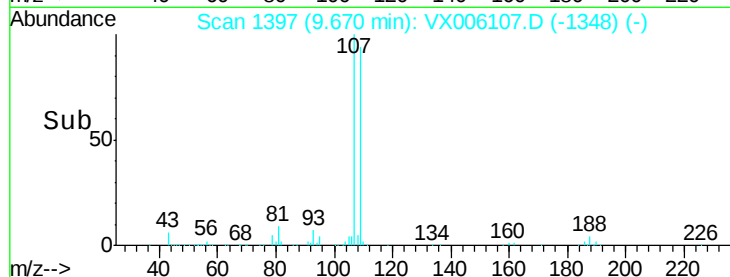
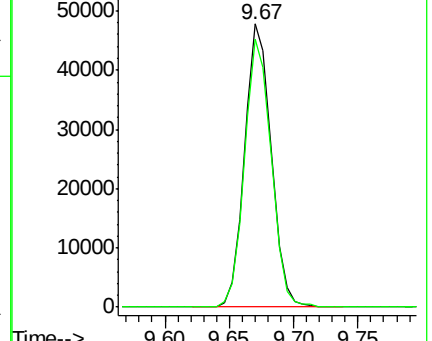
107 100

109 95.8 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: 18.342 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

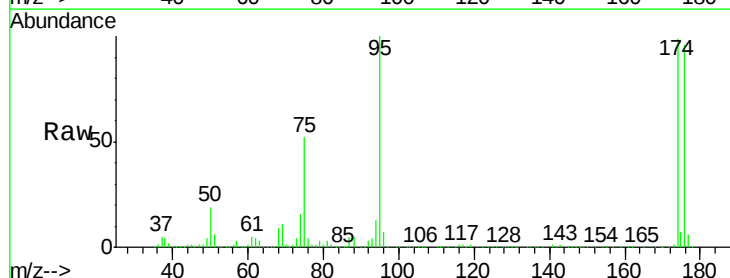
Tgt Ion: 95 Resp: 78693

Ion Ratio Lower Upper

95 100

174 92.6 0.0 184.4

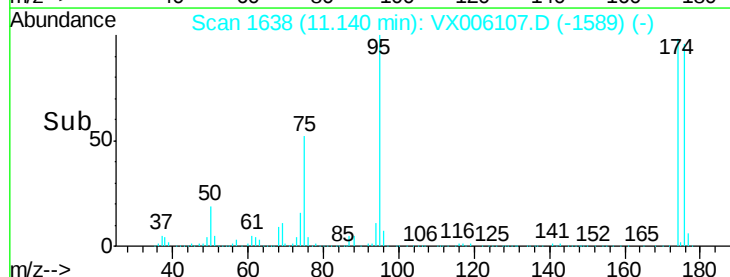
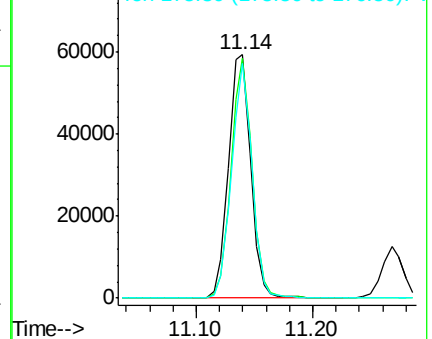
176 89.1 0.0 179.0

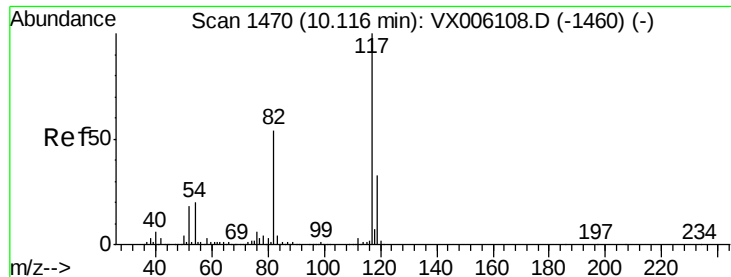


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

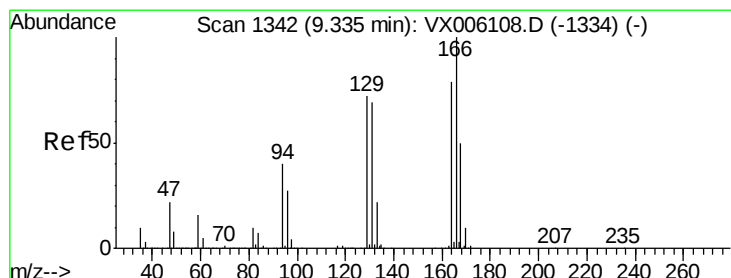
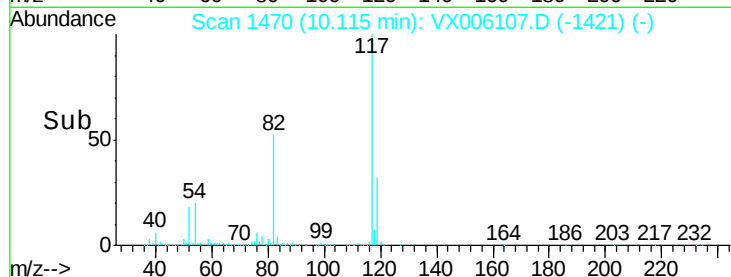
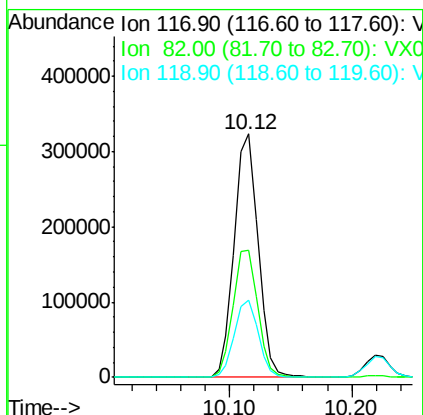
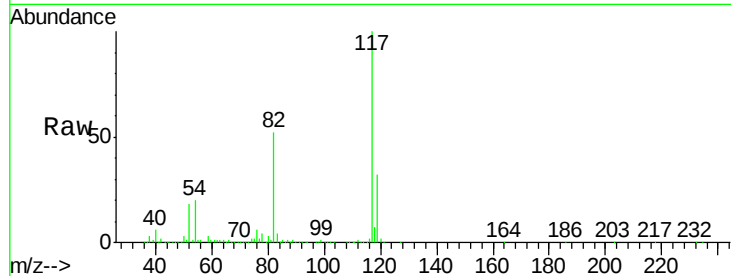




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

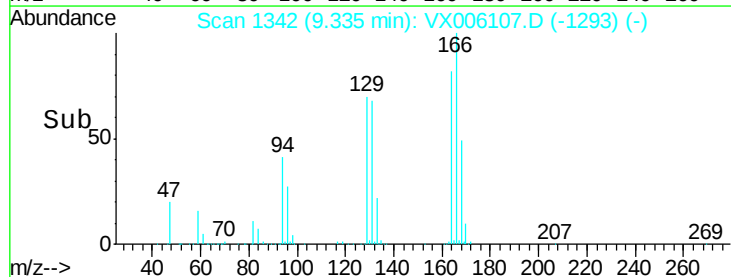
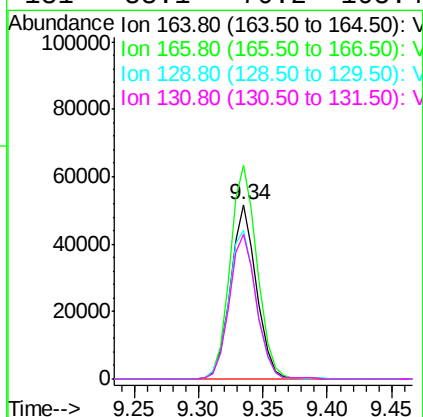
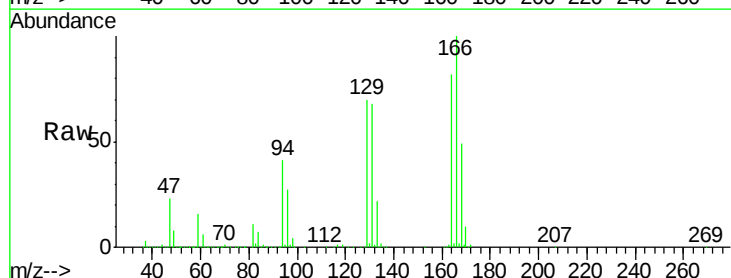
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

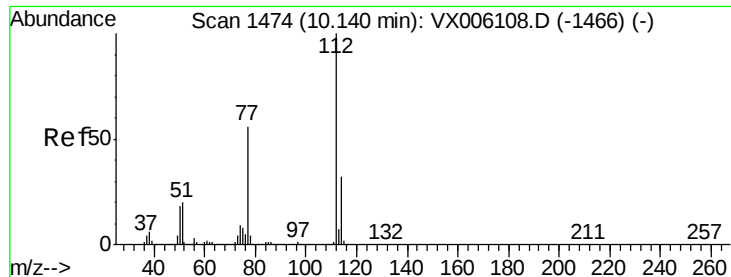
Tgt Ion:117 Resp: 437530
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 31.9 26.1 39.1



#64
Tetrachloroethene
Concen: 20.273 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

Tgt Ion:164 Resp: 72995
Ion Ratio Lower Upper
164 100
166 122.3 101.5 152.3
129 85.2 73.4 110.0
131 83.1 70.2 105.4

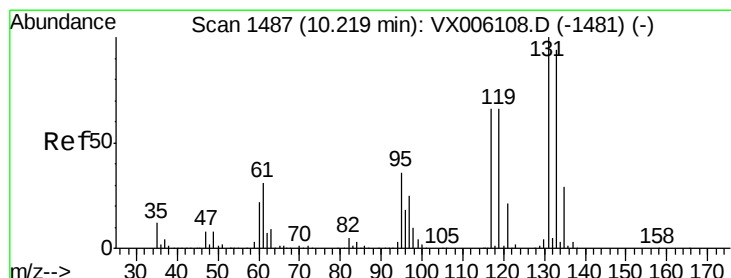
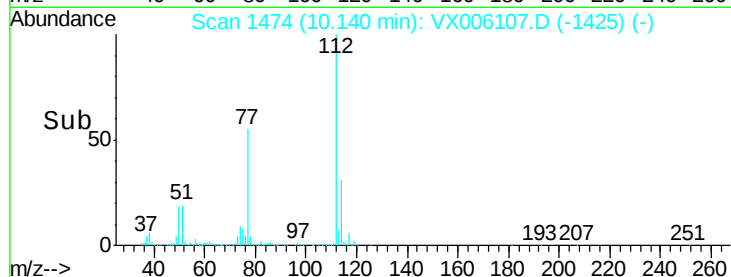
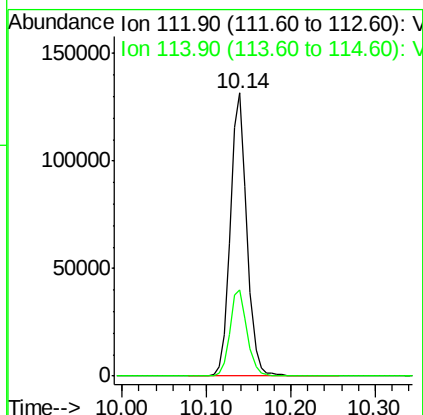
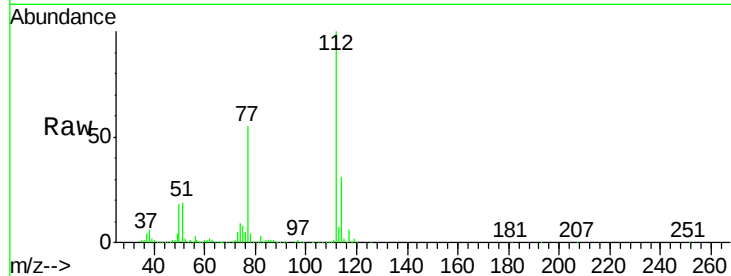




#65
Chlorobenzene
Concen: 19.673 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

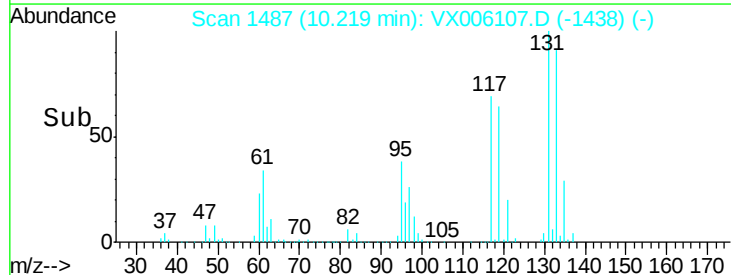
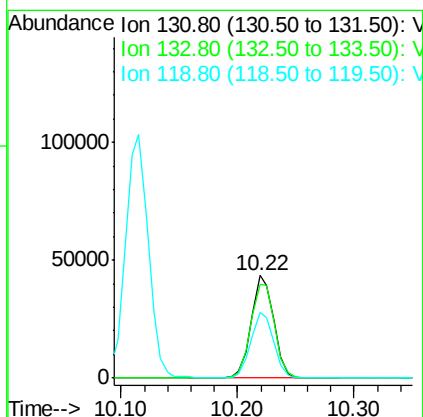
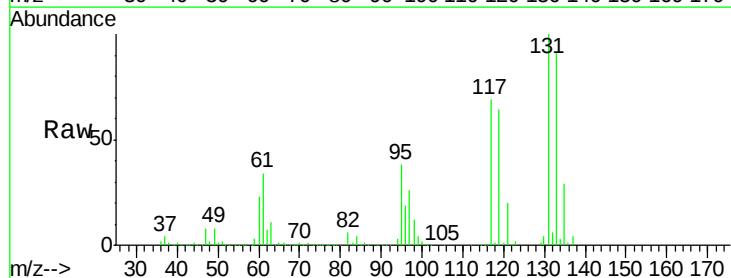
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

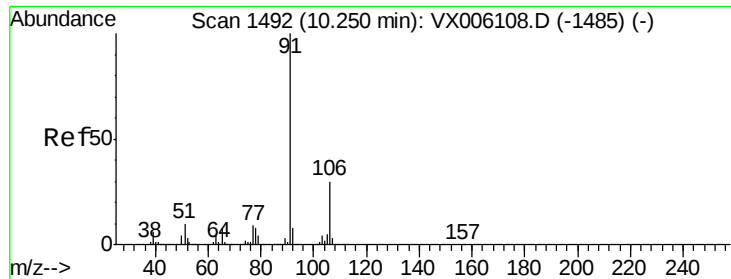
Tgt Ion:112 Resp: 176557
Ion Ratio Lower Upper
112 100
114 30.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.085 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

Tgt Ion:131 Resp: 58804
Ion Ratio Lower Upper
131 100
133 96.8 48.0 144.2
119 66.0 32.6 97.8

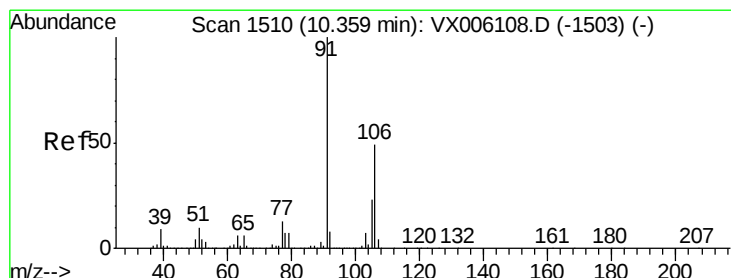
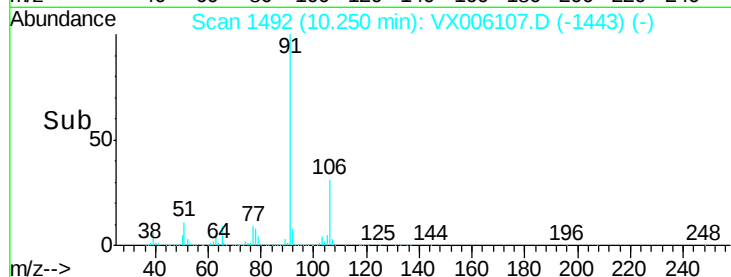
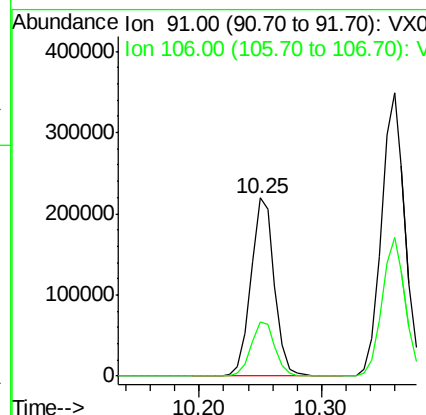
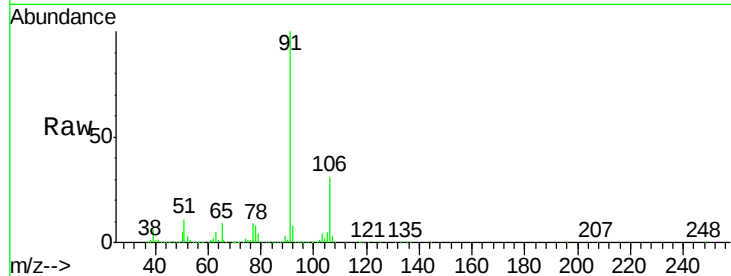




#67
Ethyl Benzene
Concen: 19.911 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

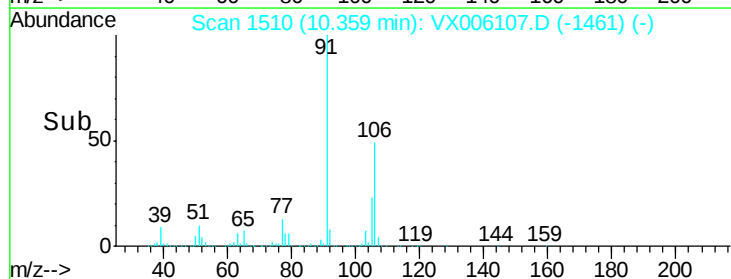
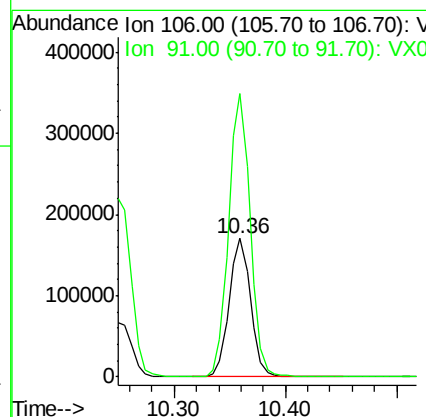
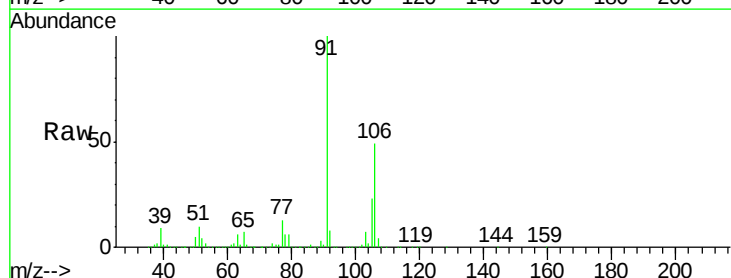
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

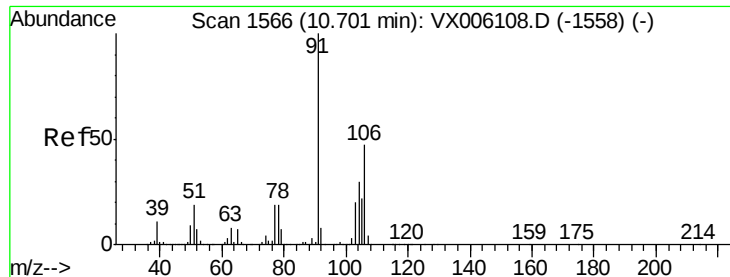
Tgt Ion: 91 Resp: 292587
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6



#68
m/p-Xylenes
Concen: 39.625 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

Tgt Ion: 106 Resp: 226738
Ion Ratio Lower Upper
106 100
91 205.3 162.0 243.0

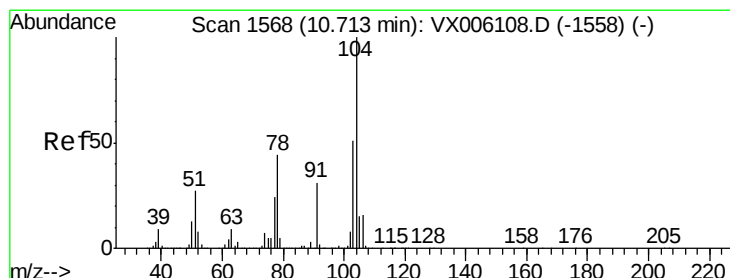
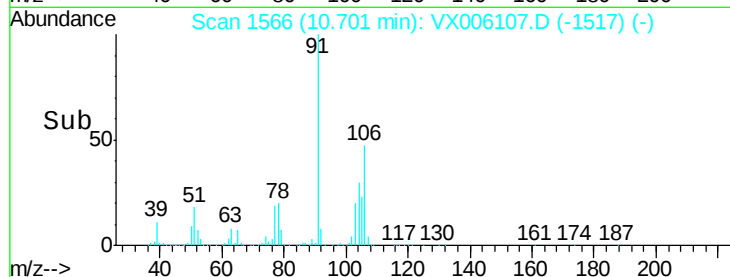
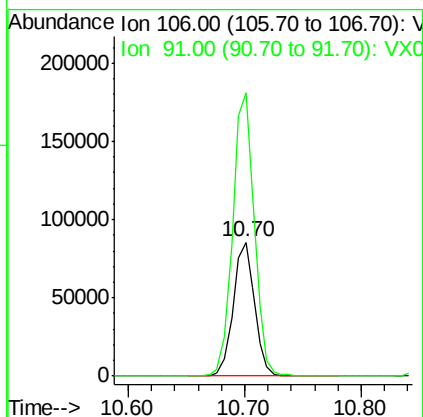
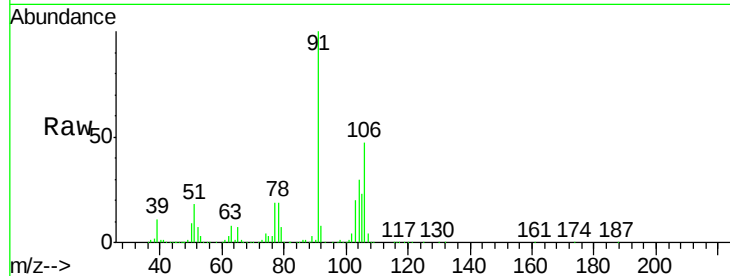




#69
o-Xylene
Concen: 19.938 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

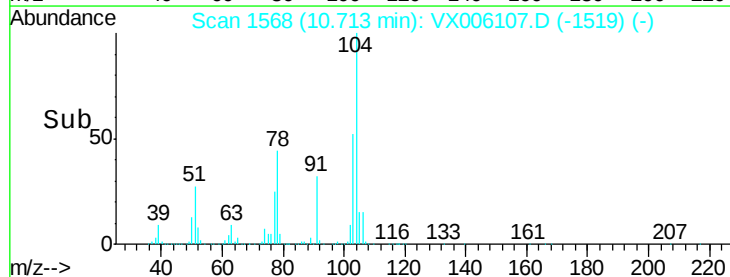
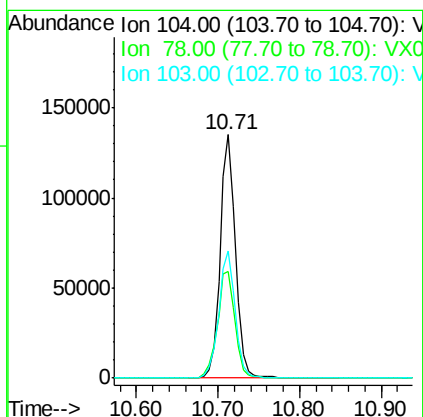
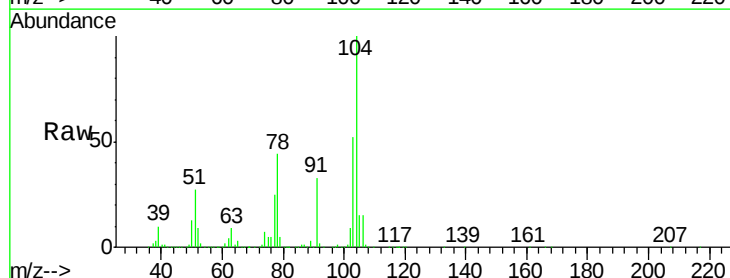
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

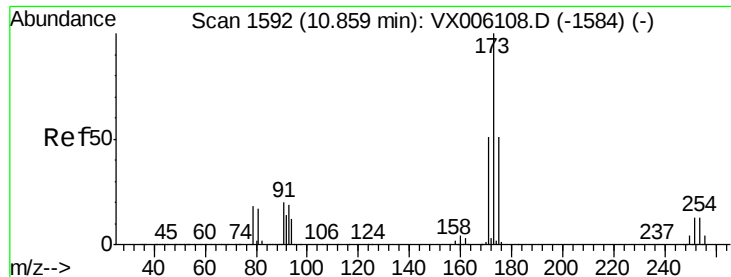
Tgt Ion:106 Resp: 108978
Ion Ratio Lower Upper
106 100
91 214.7 107.4 322.2



#70
Styrene
Concen: 19.939 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

Tgt Ion:104 Resp: 177692
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.2
103 55.9 44.6 67.0





#71

Bromoform

Concen: 17.820 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

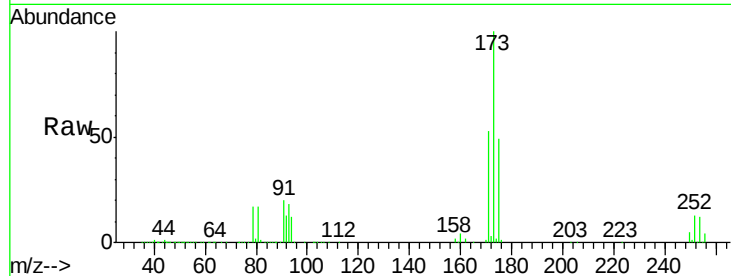
Tgt Ion:173 Resp: 49148

Ion Ratio Lower Upper

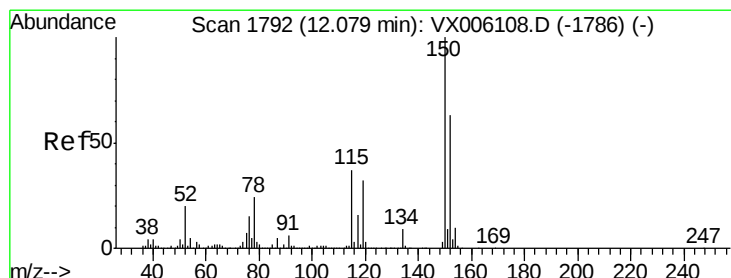
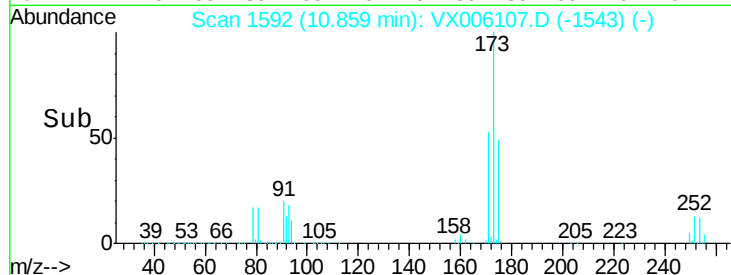
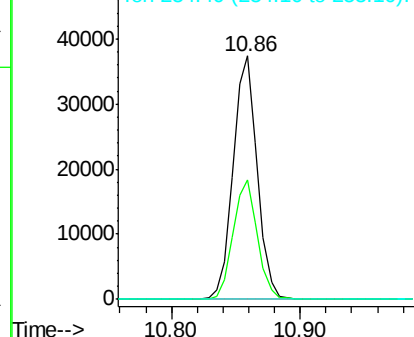
173 100

175 49.3 24.9 74.6

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

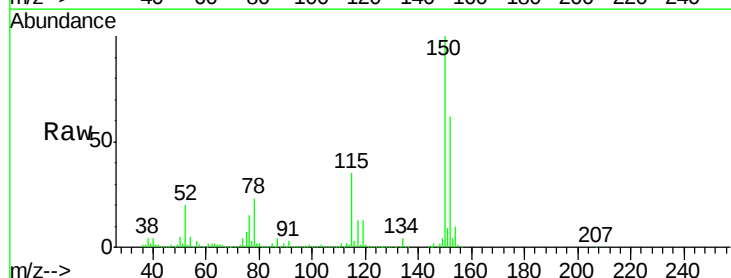
Tgt Ion:152 Resp: 231621

Ion Ratio Lower Upper

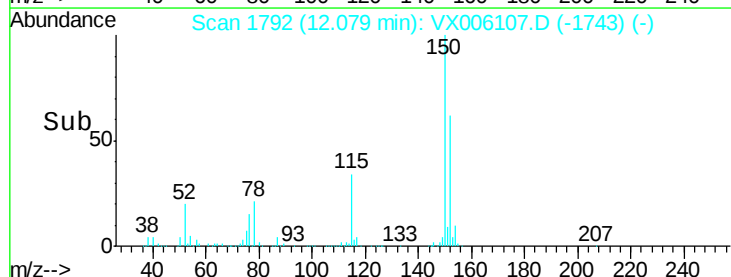
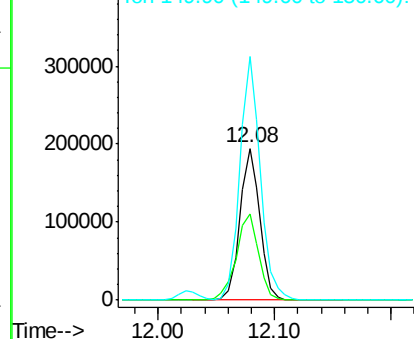
152 100

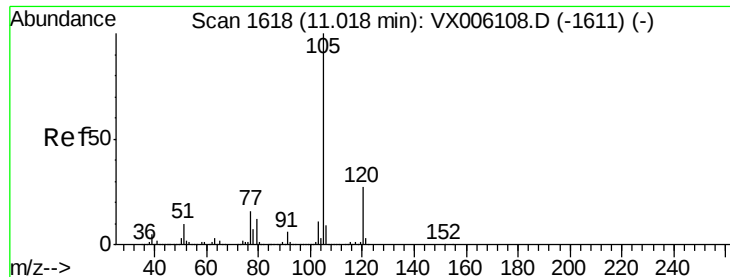
115 64.1 39.0 116.9

150 165.3 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: 21.198 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

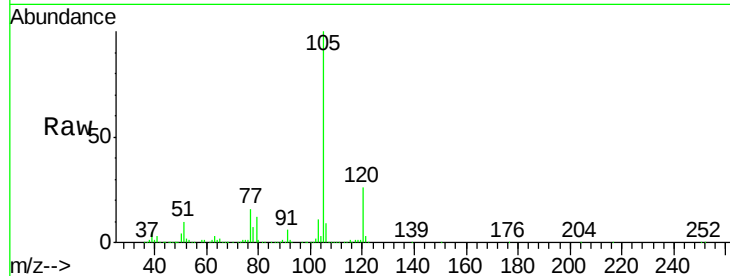
VSTDIC020

Tgt Ion:105 Resp: 297073

Ion Ratio Lower Upper

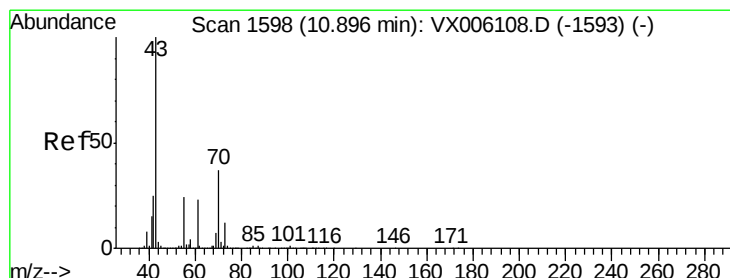
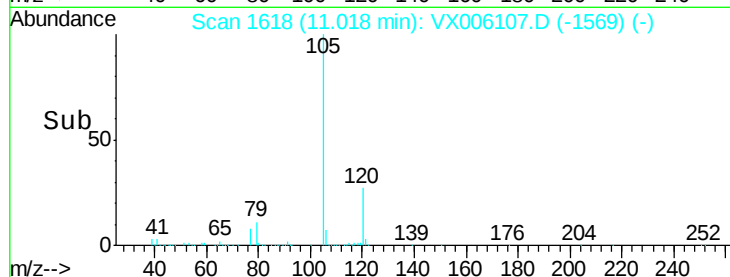
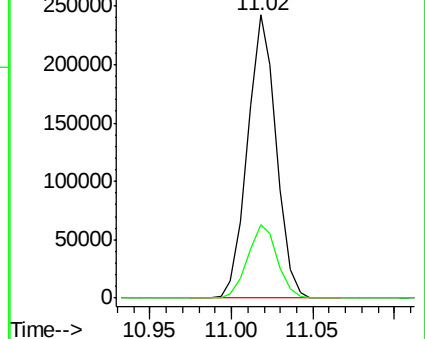
105 100

120 26.7 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: 19.568 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Tgt Ion: 43 Resp: 124496

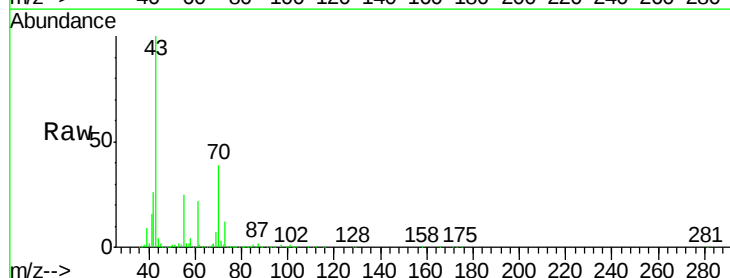
Ion Ratio Lower Upper

43 100

70 39.9 31.8 47.6

55 25.9 19.5 29.3

61 22.5 18.6 27.8

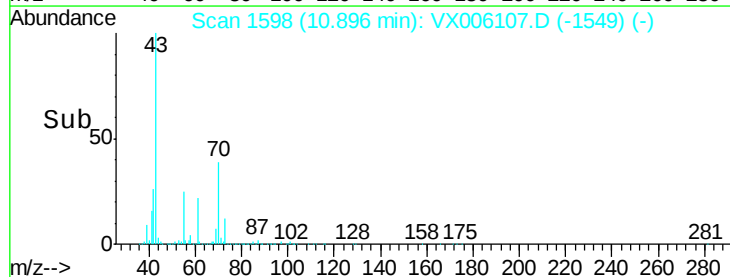
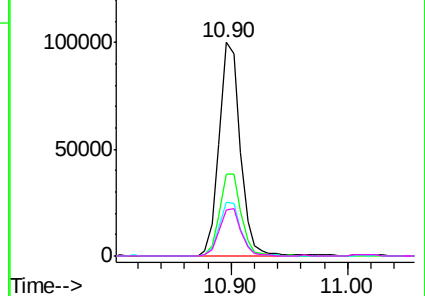


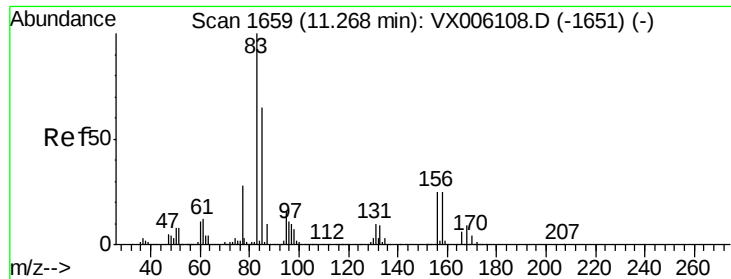
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.411 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

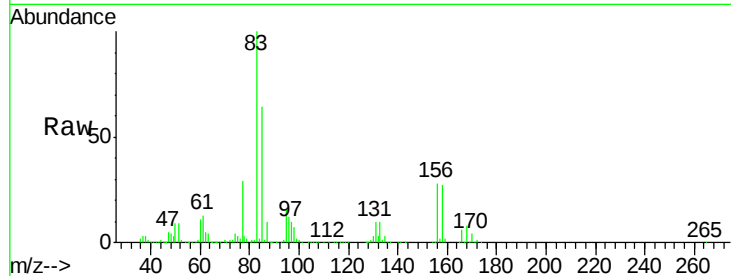
Tgt Ion: 83 Resp: 102517

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

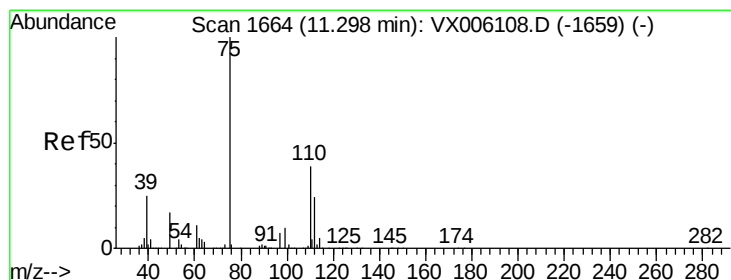
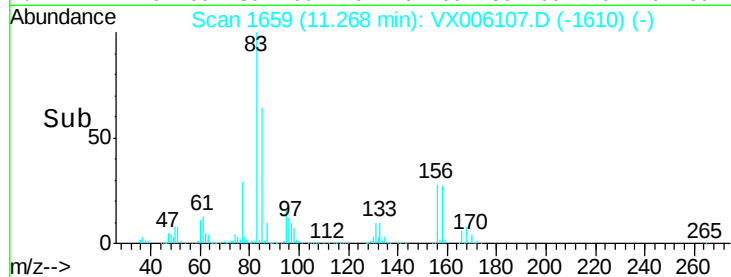
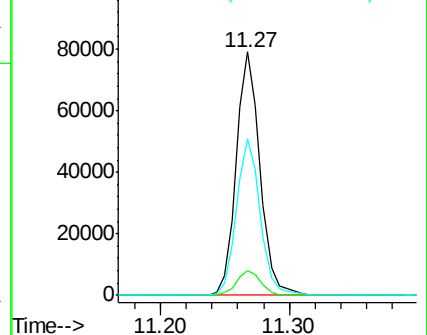
85 64.5 32.6 97.8



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: 24.533 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006107.D

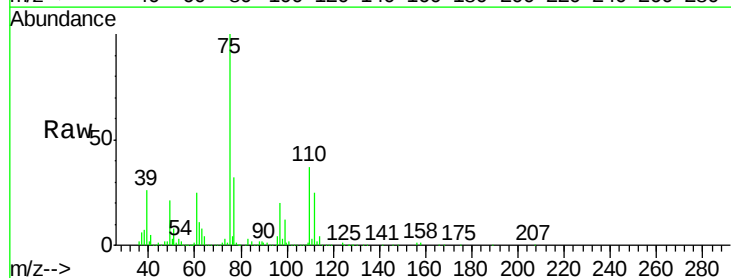
Acq: 20 Nov 2018 18:10

Tgt Ion: 75 Resp: 116986

Ion Ratio Lower Upper

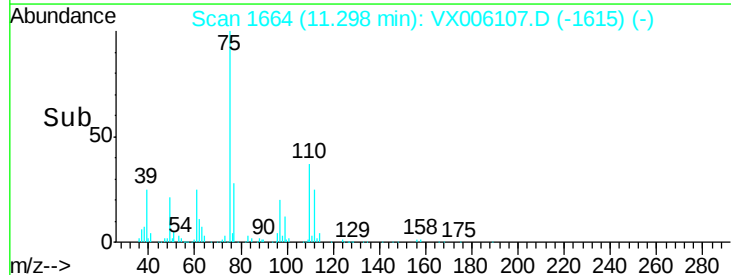
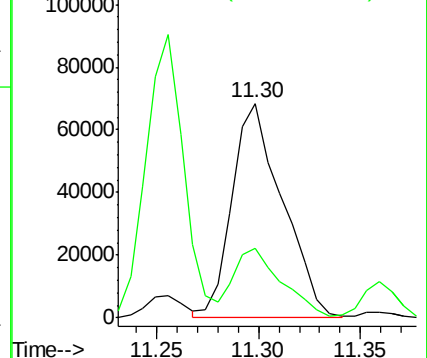
75 100

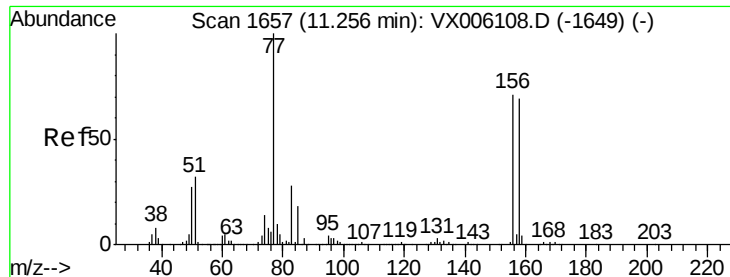
77 30.6 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.235 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

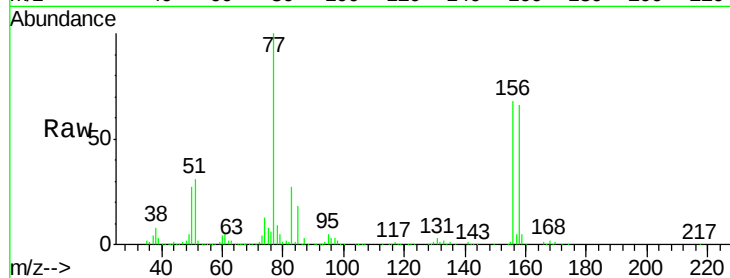
Tgt Ion:156 Resp: 79440

Ion Ratio Lower Upper

156 100

77 146.5 74.3 222.8

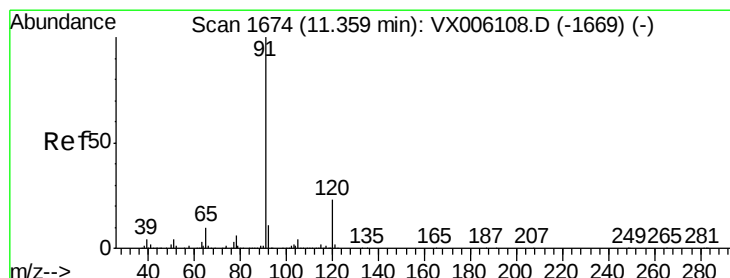
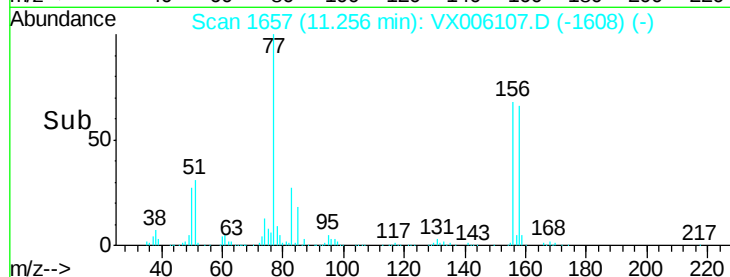
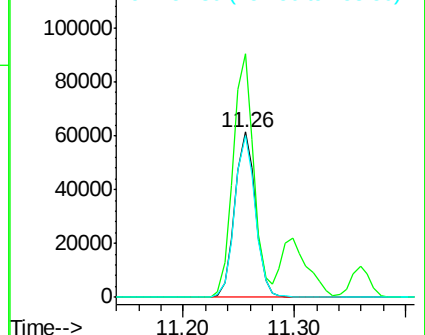
158 97.3 49.0 147.0



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: 20.867 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006107.D

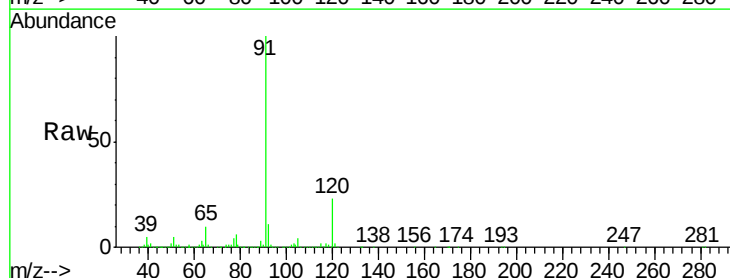
Acq: 20 Nov 2018 18:10

Tgt Ion: 91 Resp: 340576

Ion Ratio Lower Upper

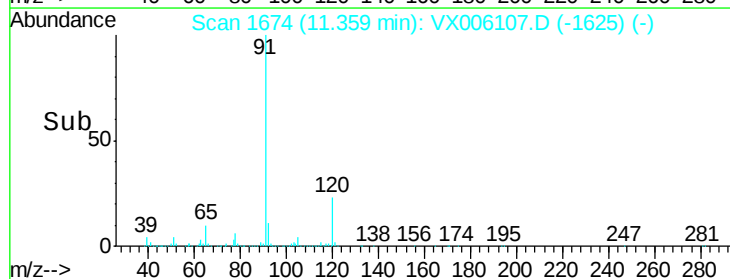
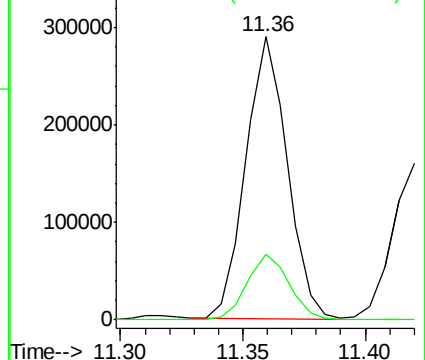
91 100

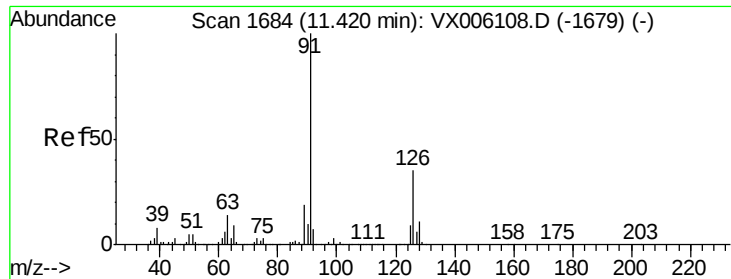
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.675 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

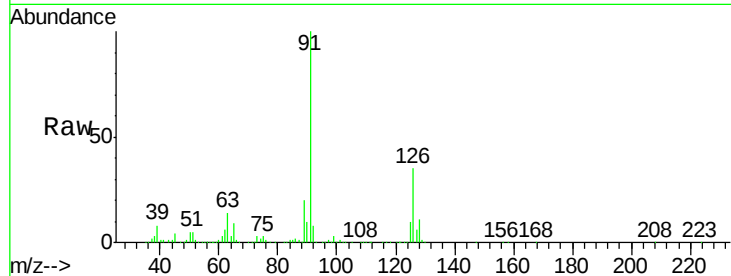
VSTDIC020

Tgt Ion: 91 Resp: 204141

Ion Ratio Lower Upper

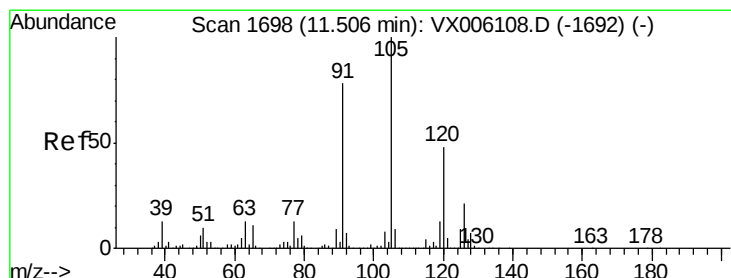
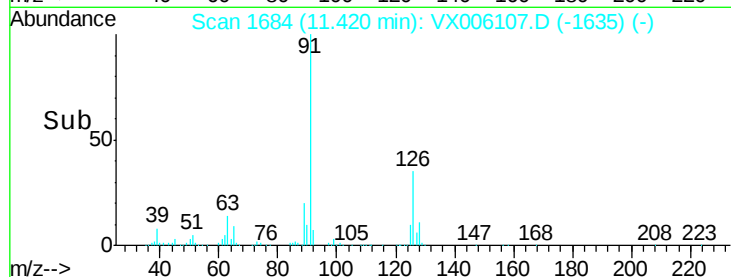
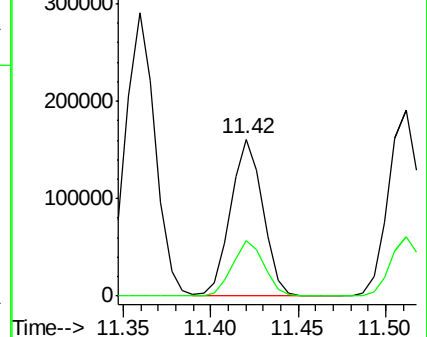
91 100

126 35.3 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX006108.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006108.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.972 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006107.D

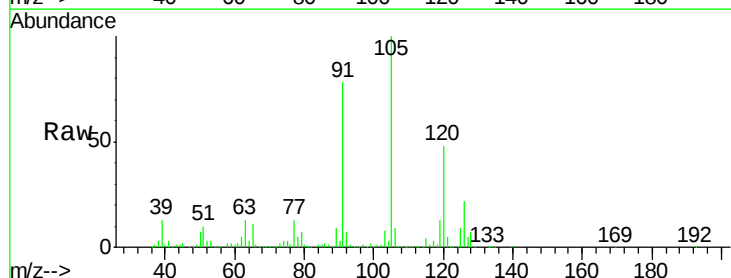
Acq: 20 Nov 2018 18:10

Tgt Ion: 105 Resp: 247803

Ion Ratio Lower Upper

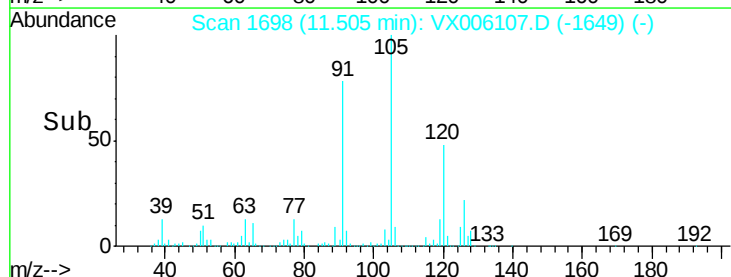
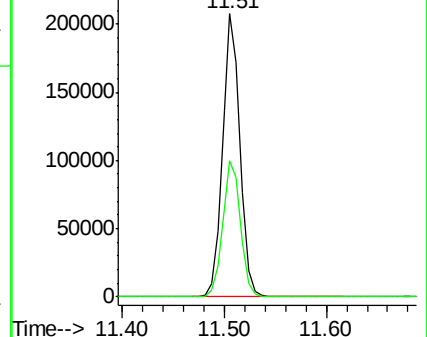
105 100

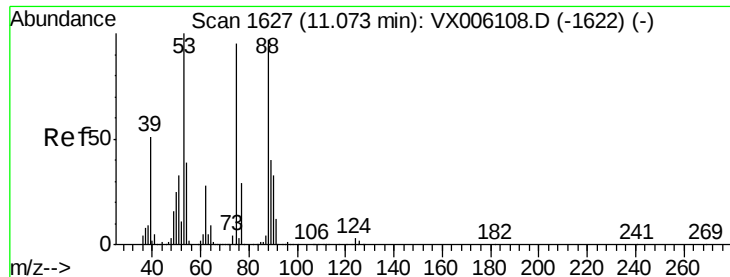
120 49.3 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VX006108.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006108.D (-1692) (-)

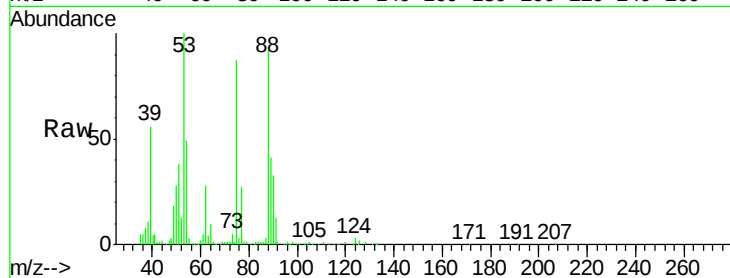




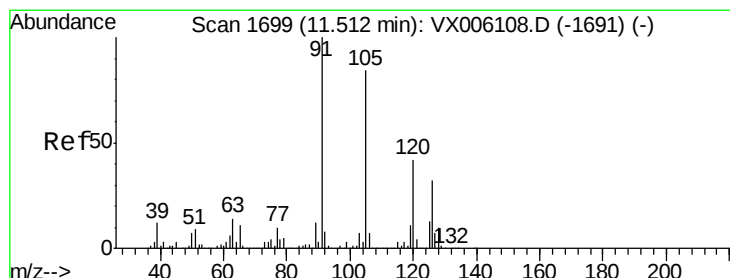
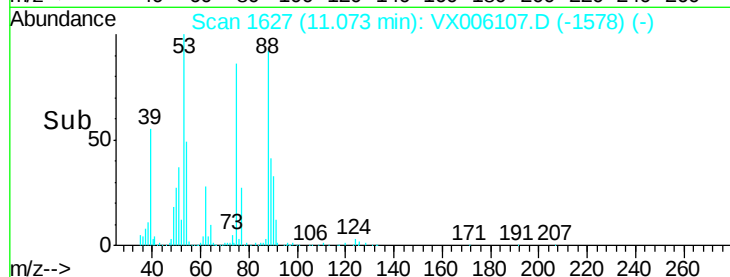
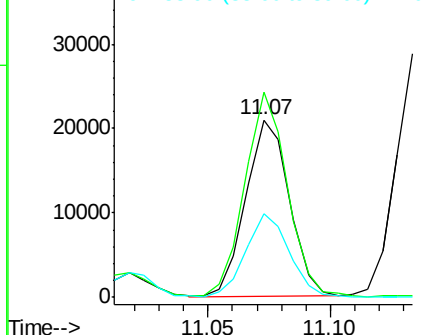
#81
trans-1,4-Dichloro-2-butene
Concen: 18.306 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 25810
Ion Ratio Lower Upper
75 100
53 113.1 85.3 127.9
89 47.9 37.2 55.8

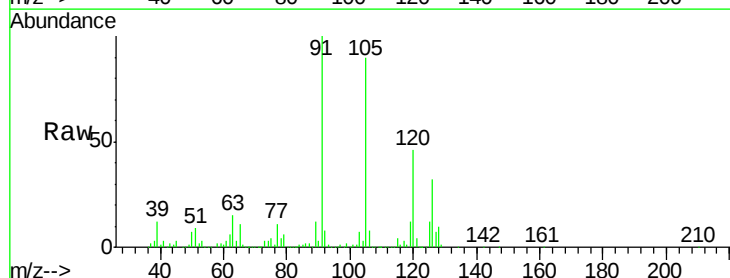


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

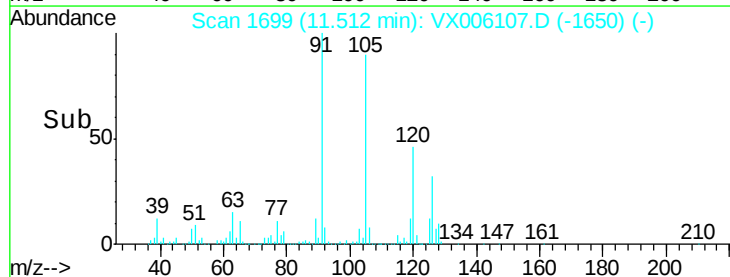
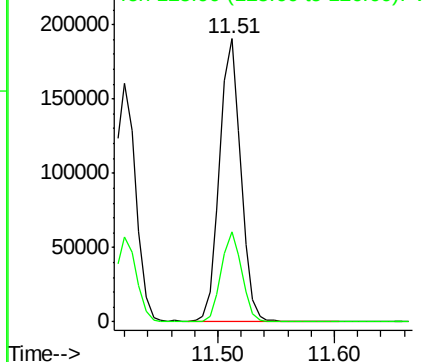


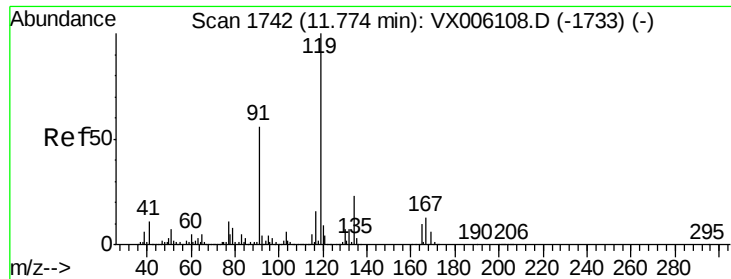
#82
4-Chlorotoluene
Concen: 20.786 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

Tgt Ion: 91 Resp: 239516
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

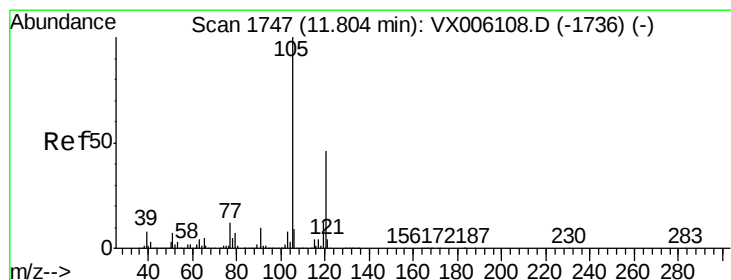
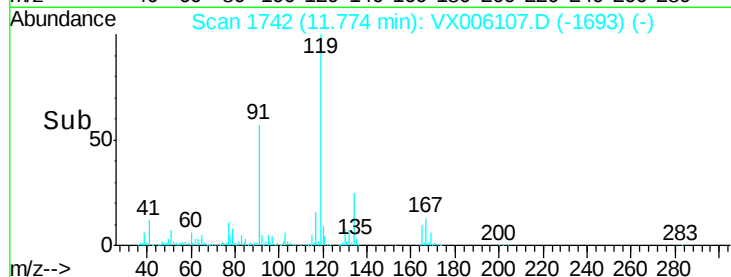
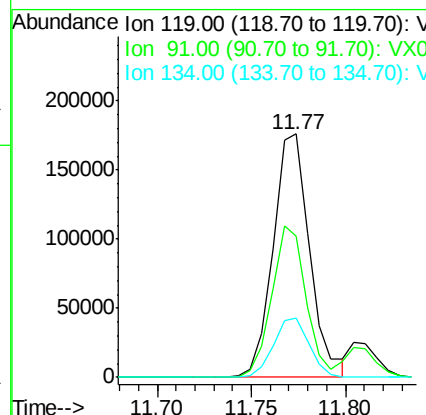
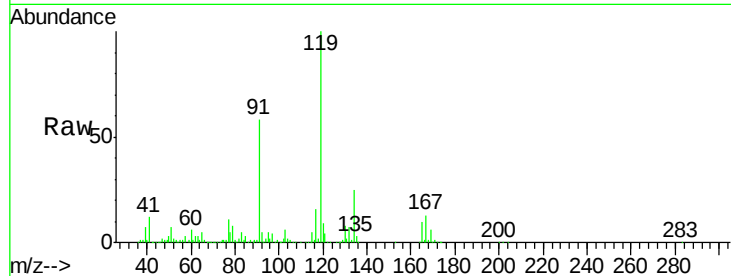




#83
 tert-Butylbenzene
 Concen: 20.561 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX006107.D
 Acq: 20 Nov 2018 18:10

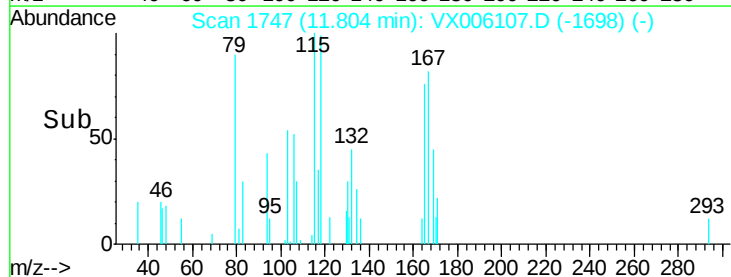
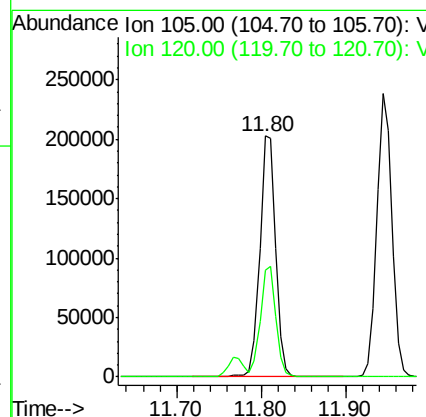
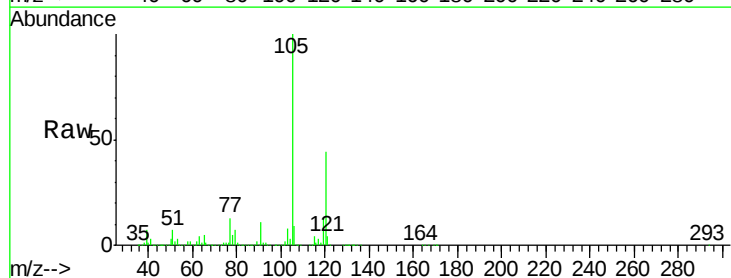
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

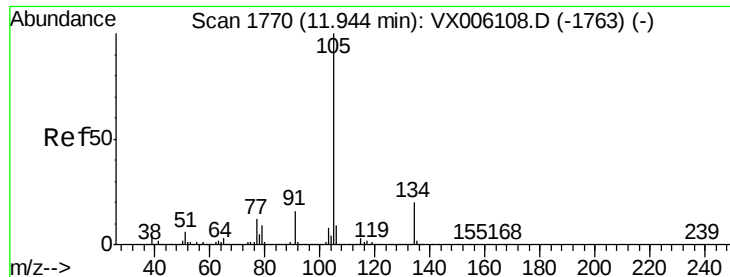
Tgt Ion:119 Resp: 237169
 Ion Ratio Lower Upper
 119 100
 91 57.8 28.2 84.6
 134 23.8 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.427 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006107.D
 Acq: 20 Nov 2018 18:10

Tgt Ion:105 Resp: 258249
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.7 68.0





#85

sec-Butylbenzene

Concen: 20.935 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

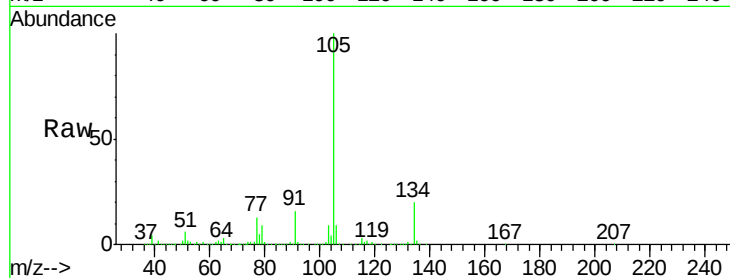
VSTDIC020

Tgt Ion:105 Resp: 295383

Ion Ratio Lower Upper

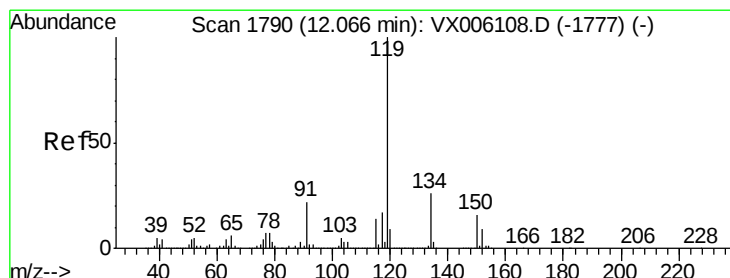
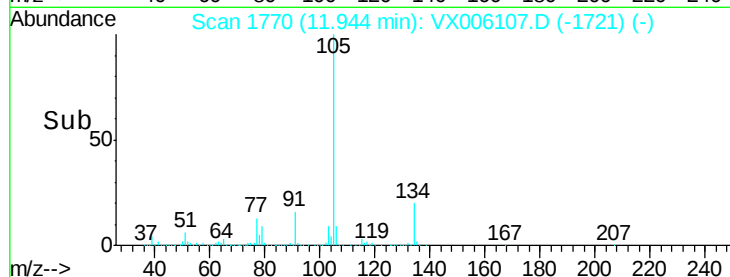
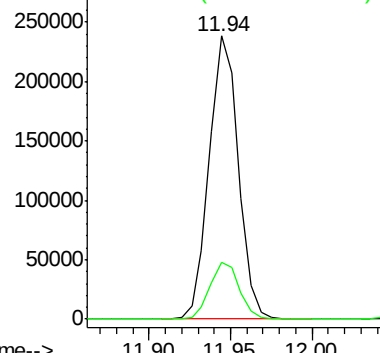
105 100

134 20.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.785 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

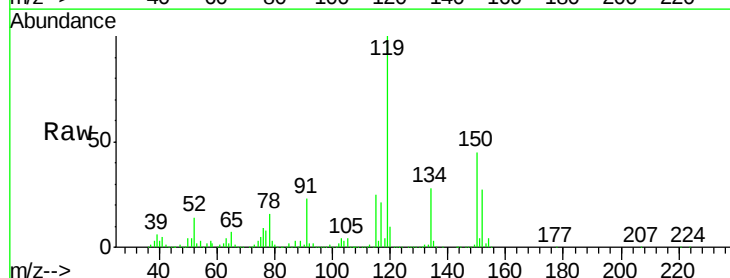
Tgt Ion:119 Resp: 261466

Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

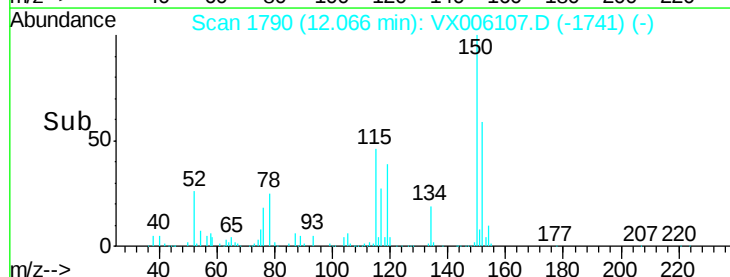
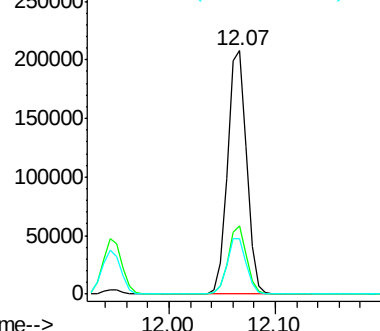
91 23.1 11.3 33.9

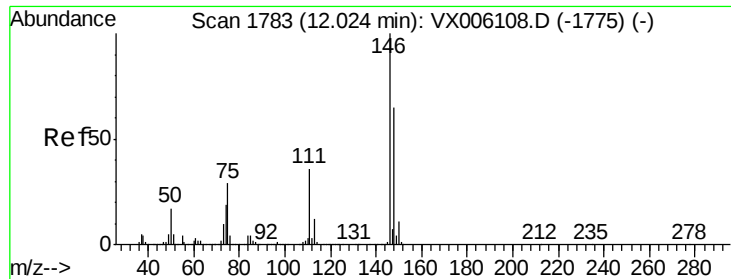


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

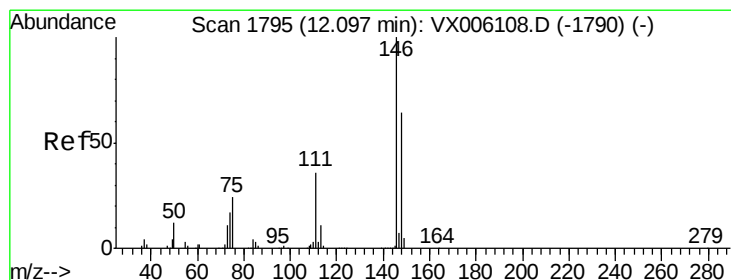
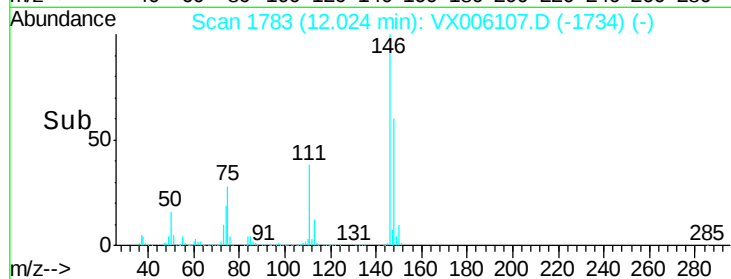
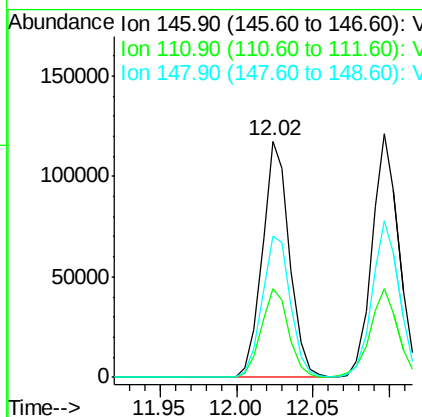
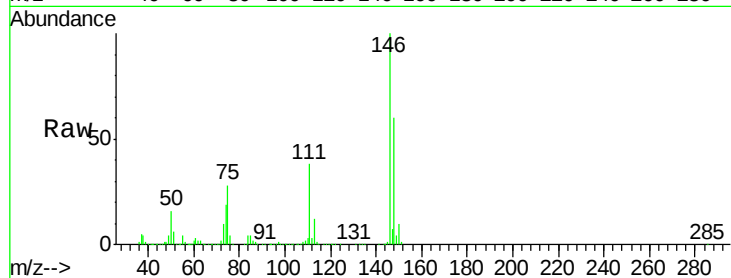




#87
 1,3-Dichlorobenzene
 Concen: 20.059 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006107.D
 Acq: 20 Nov 2018 18:10

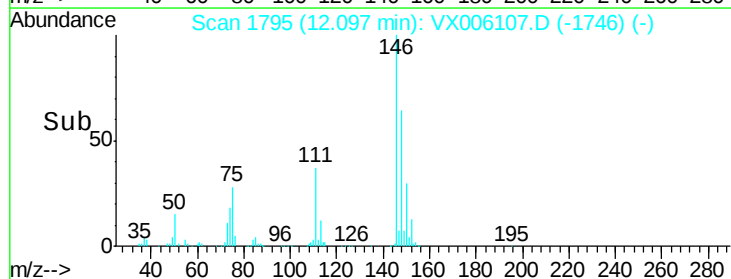
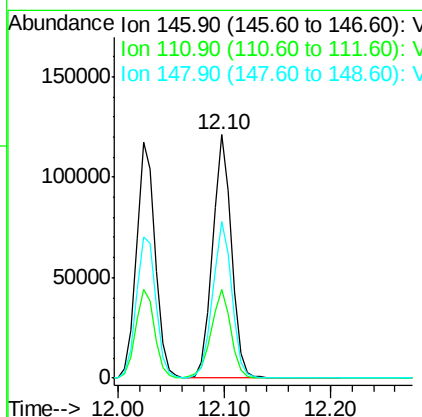
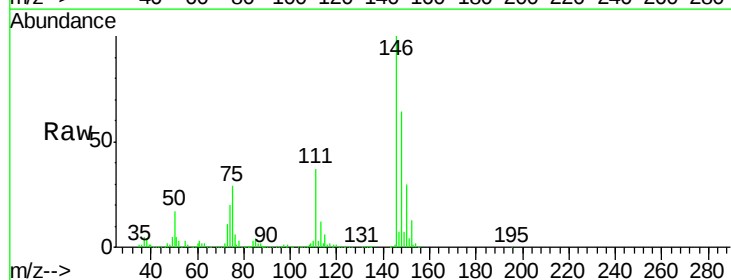
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

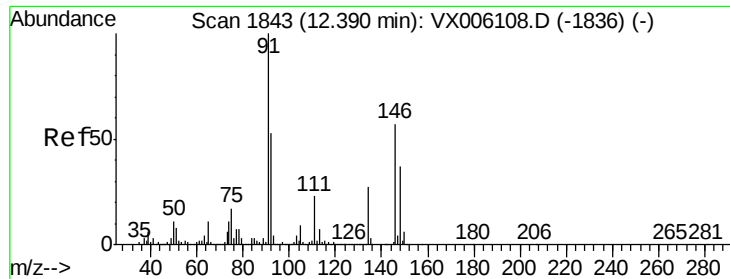
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.8	56.3
148	62.9	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.619 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006107.D
 Acq: 20 Nov 2018 18:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.3	54.9
148	65.2	32.2	96.6

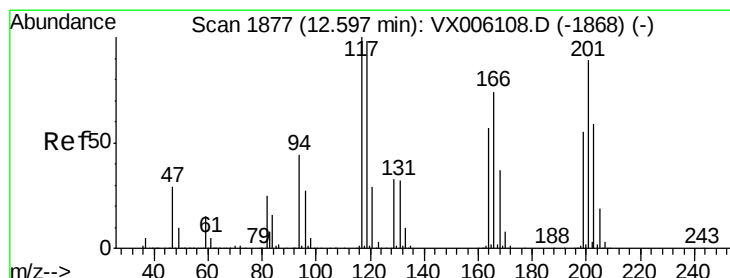
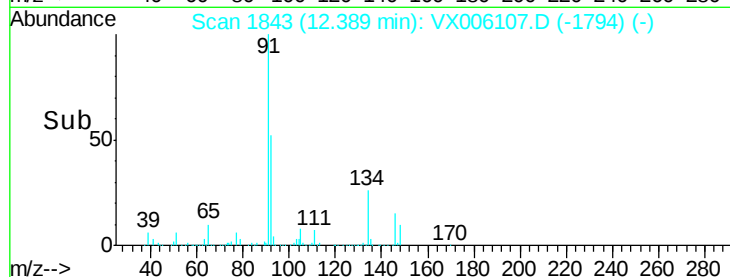
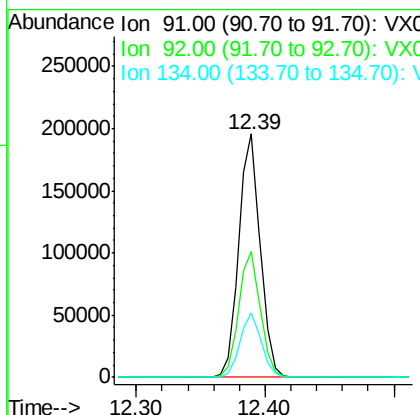
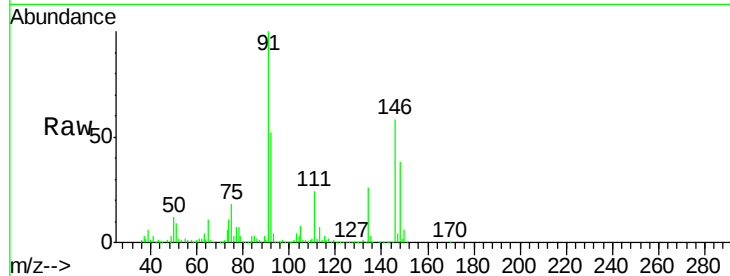




#89
n-Butylbenzene
Concen: 19.908 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

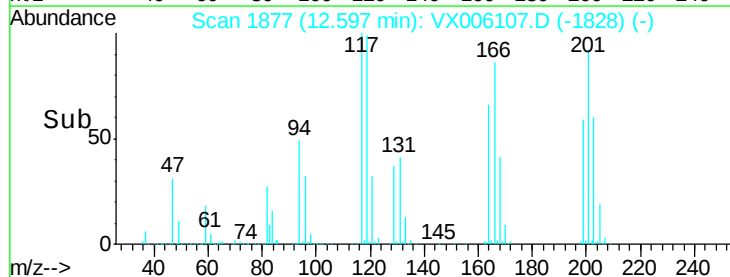
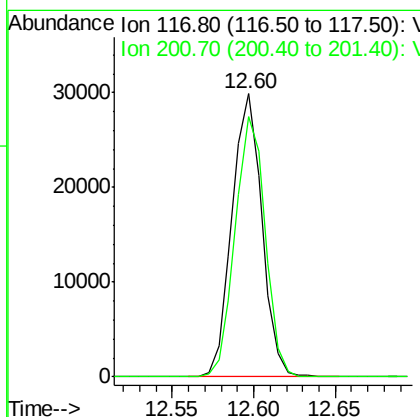
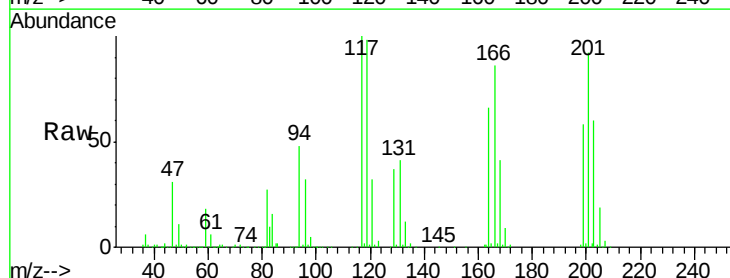
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

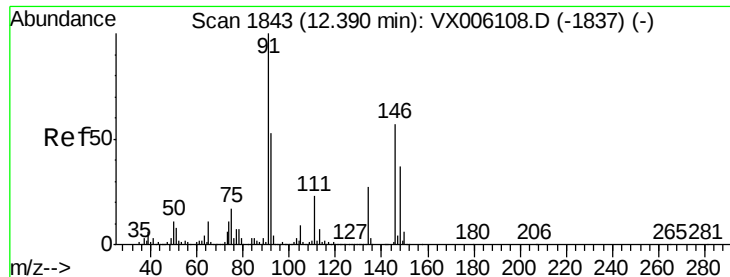
Tgt Ion: 91 Resp: 226747
Ion Ratio Lower Upper
91 100
92 52.0 26.6 79.7
134 26.0 13.1 39.3



#90
Hexachloroethane
Concen: 19.019 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006107.D
Acq: 20 Nov 2018 18:10

Tgt Ion: 117 Resp: 38179
Ion Ratio Lower Upper
117 100
201 92.4 46.1 138.2





#91

1,2-Dichlorobenzene

Concen: 19.747 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

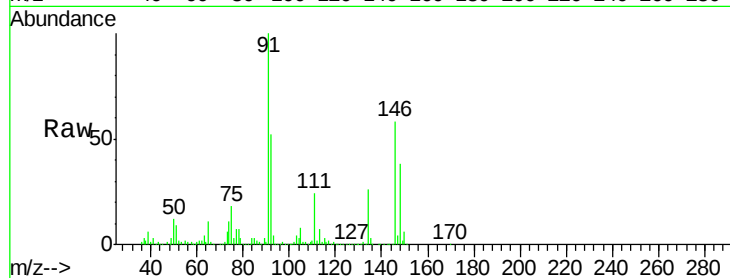
Tgt Ion:146 Resp: 146136

Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.8

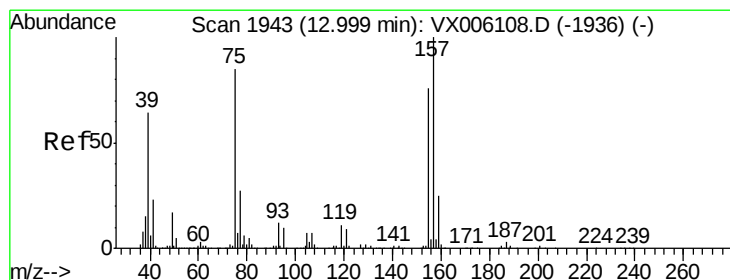
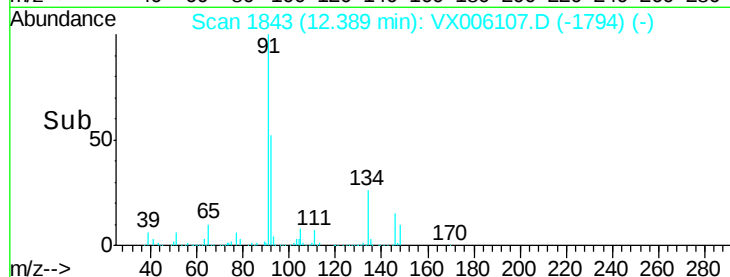
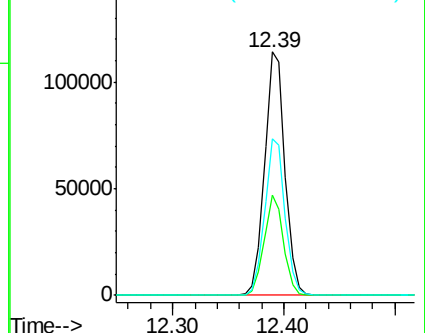
148 64.2 32.0 96.0



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: 18.989 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

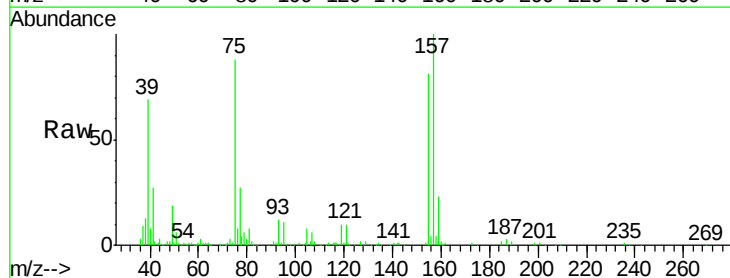
Tgt Ion: 75 Resp: 23271

Ion Ratio Lower Upper

75 100

155 93.8 46.1 138.3

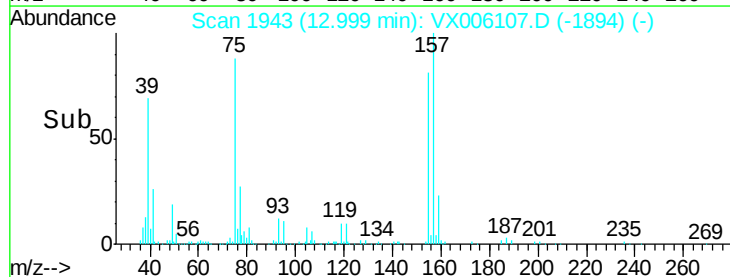
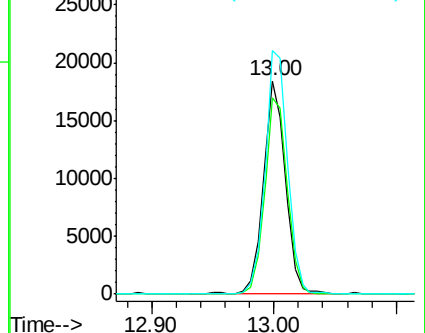
157 115.7 59.8 179.3

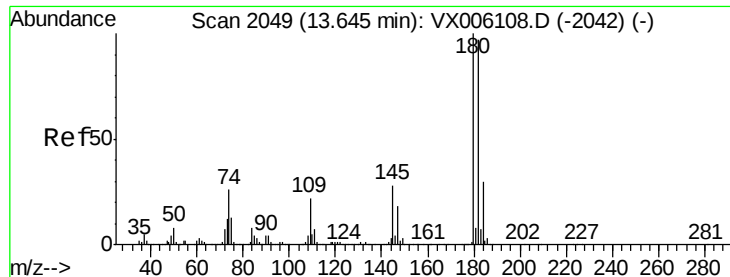


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 19.906 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

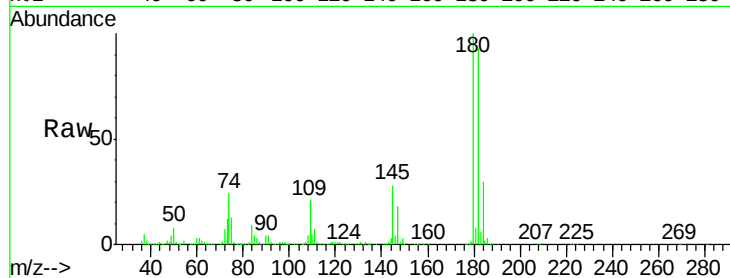
Tgt Ion:180 Resp: 103780

Ion Ratio Lower Upper

180 100

182 93.7 48.2 144.6

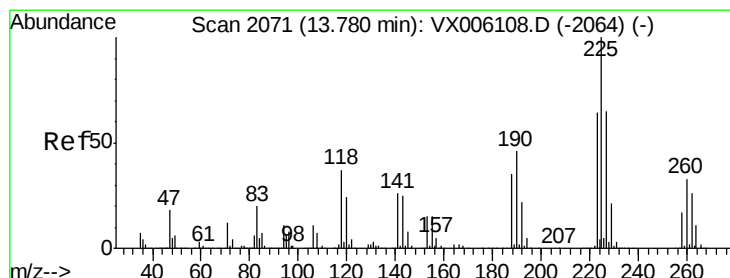
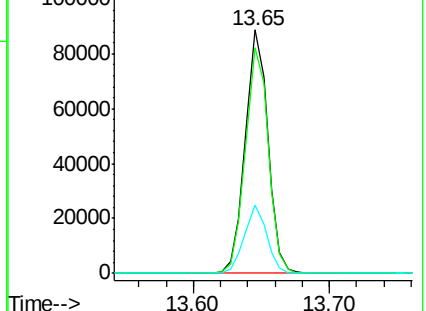
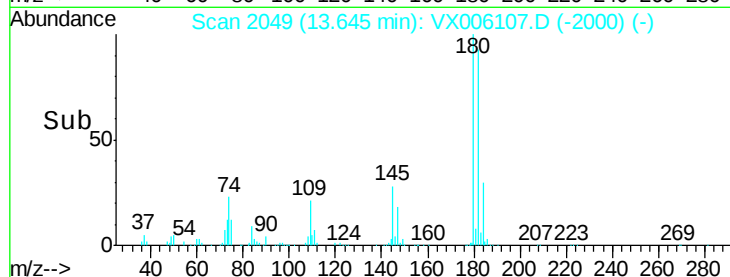
145 27.7 14.1 42.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.233 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

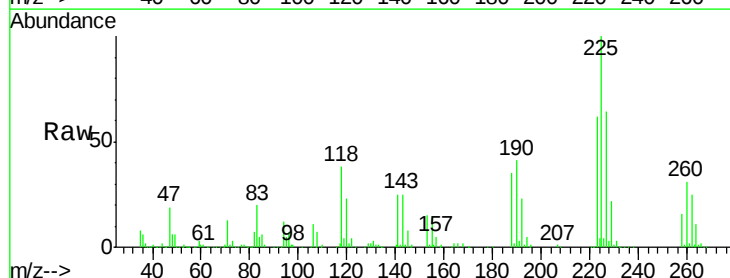
Tgt Ion:225 Resp: 48867

Ion Ratio Lower Upper

225 100

223 61.6 31.2 93.6

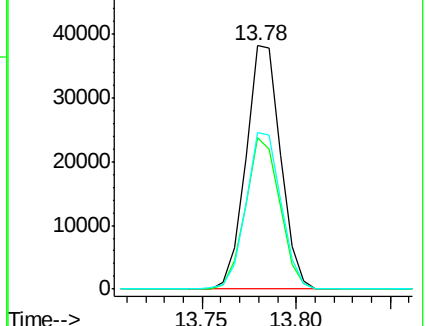
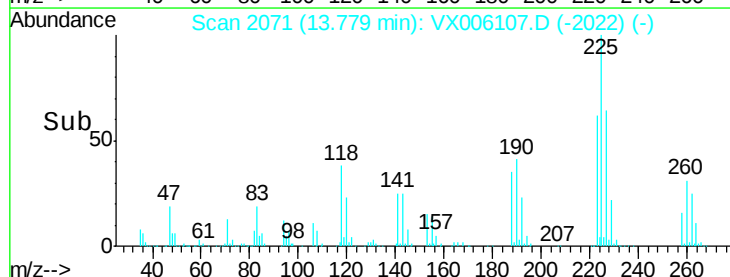
227 64.8 32.4 97.2

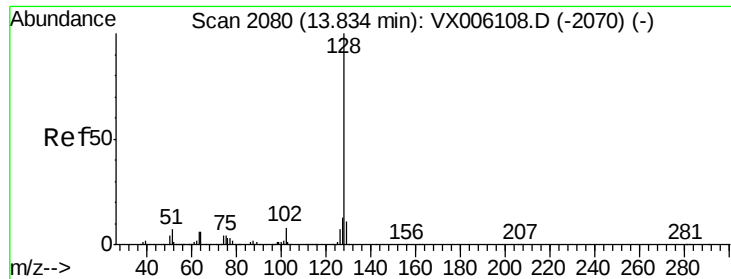


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.781 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

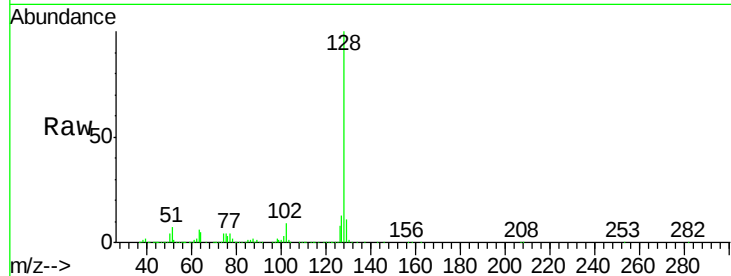
Tgt Ion:128 Resp: 318582

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

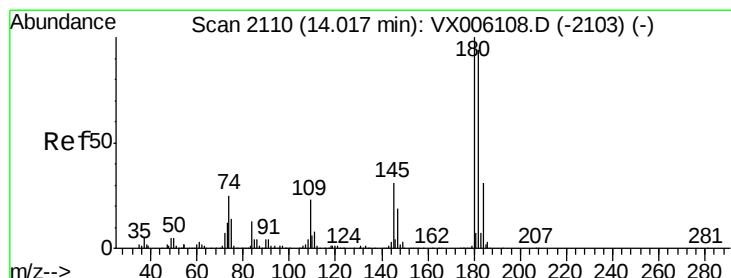
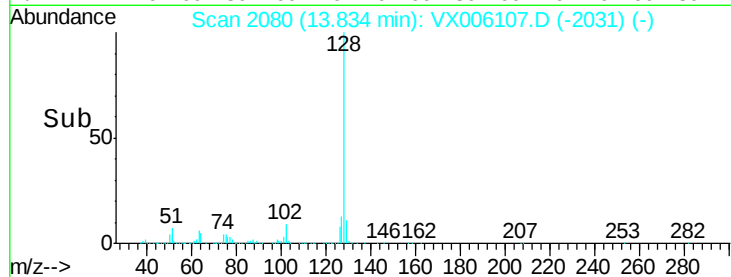
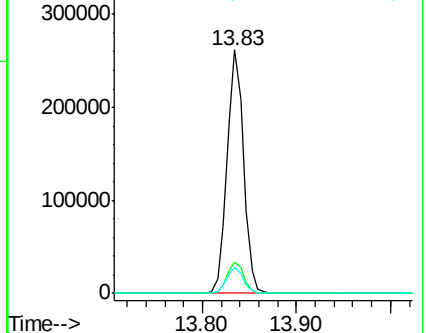
129 10.7 8.8 13.2



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: 20.081 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006107.D

Acq: 20 Nov 2018 18:10

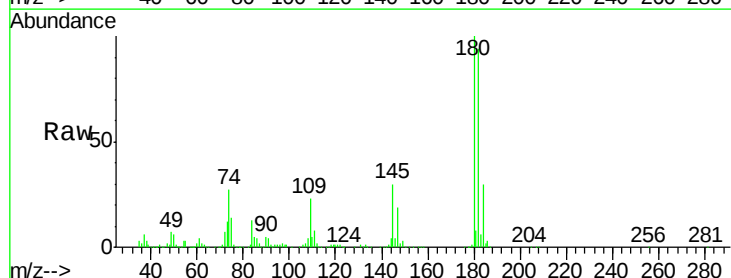
Tgt Ion:180 Resp: 106728

Ion Ratio Lower Upper

180 100

182 96.4 47.5 142.5

145 29.8 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

