

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032718\
 Data File : VX000478.D
 Acq On : 27 Mar 2018 23:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 28 06:57:38 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	133081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	219304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	235516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	148480	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	86682	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
35) Dibromofluoromethane	5.51	113	70184	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	8.73	98	292257	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.15	95	110544	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	71050	48.44	ug/l	97
3) Chloromethane	1.32	50	66606	43.11	ug/l	98
4) Vinyl Chloride	1.41	62	89278	54.68	ug/l	98
5) Bromomethane	1.64	94	121867	62.34	ug/l	96
6) Chloroethane	1.72	64	58771	59.18	ug/l	98
7) Trichlorofluoromethane	1.93	101	157200	53.35	ug/l	99
8) Diethyl Ether	2.19	74	54445	51.70	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	84250	51.27	ug/l	97
10) Methyl Iodide	2.51	142	57493	36.57	ug/l	98
11) Tert butyl alcohol	3.08	59	166579	278.77	ug/l	100
12) 1,1-Dichloroethene	2.38	96	78874	54.68	ug/l	95
13) Acrolein	2.30	56	47788	250.45	ug/l	98
14) Allyl chloride	2.73	41	143022	56.15	ug/l	99
15) Acrylonitrile	3.15	53	325553	269.00	ug/l	100
16) Acetone	2.45	43	322705	223.31	ug/l	98
17) Carbon Disulfide	2.57	76	211544	55.13	ug/l	99
18) Methyl Acetate	2.78	43	164131	54.17	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	289016	54.17	ug/l	99
20) Methylene Chloride	2.86	84	87068	52.16	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	85107	52.89	ug/l	93
22) Diisopropyl ether	3.88	45	219166	48.60	ug/l	99
23) Vinyl Acetate	3.84	43	1027454	240.35	ug/l	100
24) 1,1-Dichloroethane	3.70	63	154457	54.48	ug/l	100
25) 2-Butanone	4.71	43	401253	247.03	ug/l	100
26) 2,2-Dichloropropane	4.60	77	94006	47.31	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	77291	51.39	ug/l	97
28) Bromochloromethane	5.03	49	79040	67.61	ug/l	99
29) Tetrahydrofuran	5.18	42	265141	265.30	ug/l	99
30) Chloroform	5.23	83	142760	53.73	ug/l	99
31) Cyclohexane	5.58	56	113903	51.97	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	125742	52.46	ug/l	98
36) 1,1-Dichloropropene	5.81	75	103857	50.56	ug/l	98
37) Ethyl Acetate	4.87	43	140536	50.08	ug/l	99
38) Carbon Tetrachloride	5.79	117	110095	51.09	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	131182	52.51	ug/l	97
40) Benzene	6.15	78	313896	52.62	ug/l	99
41) Methacrylonitrile	5.07	41	73882	49.94	ug/l	98
42) 1,2-Dichloroethane	6.21	62	122838	52.48	ug/l	99
43) Isopropyl Acetate	6.48	43	223686	53.55	ug/l	99
44) Trichloroethene	7.22	130	86735	50.75	ug/l	98
45) 1,2-Dichloropropane	7.52	63	83559	54.72	ug/l	98
46) Dibromomethane	7.67	93	63038	52.59	ug/l	99
47) Bromodichloromethane	7.91	83	117379	55.66	ug/l	100
48) Methyl methacrylate	7.79	41	113356	55.90	ug/l	98
49) 1,4-Dioxane	7.77	88	49750	1167.16	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	901244	278.76	ug/l	98
52) Toluene	8.79	92	231568	55.53	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	132274	54.13	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	137704	58.09	ug/l	94
55) 1,1,2-Trichloroethane	9.23	97	94341	55.01	ug/l	97
56) Ethyl methacrylate	9.19	69	147457	56.74	ug/l	99
57) 1,3-Dichloropropane	9.38	76	158547	57.80	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	331009	265.38	ug/l	99
59) 2-Hexanone	9.51	43	739825	269.49	ug/l	100
60) Dibromochloromethane	9.59	129	102415	50.42	ug/l	98
61) 1,2-Dibromoethane	9.68	107	103736	56.40	ug/l	99
64) Tetrachloroethene	9.34	164	92897	50.83	ug/l	97
65) Chlorobenzene	10.15	112	260032	49.61	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	91221	51.25	ug/l	97
67) Ethyl Benzene	10.26	91	450754	50.73	ug/l	98
68) m/p-Xylenes	10.37	106	363023	103.83	ug/l	97
69) o-Xylene	10.71	106	172750	51.03	ug/l	100
70) Styrene	10.72	104	297181	53.06	ug/l	98
71) Bromoform	10.87	173	78782	43.19	ug/l #	97
73) Isopropylbenzene	11.02	105	473841	48.17	ug/l	99
74) N-amyl acetate	6.48	43	223686	52.32	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	170614	49.03	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	194201	60.86	ug/l	85
77) Bromobenzene	11.26	156	117096	44.68	ug/l	98
78) n-propylbenzene	11.37	91	568964	48.50	ug/l	99
79) 2-Chlorotoluene	11.43	91	319992	47.22	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	422767	51.11	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	46120	46.79	ug/l	96
82) 4-Chlorotoluene	11.52	91	405879	50.16	ug/l	99
83) tert-Butylbenzene	11.78	119	411058	49.27	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	439748	50.71	ug/l	99
85) sec-Butylbenzene	11.96	105	524318	50.79	ug/l	100
86) p-Isopropyltoluene	12.07	119	479556	52.31	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	239661	48.37	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	257922	49.58	ug/l	98
89) n-Butylbenzene	12.40	91	440952	51.66	ug/l	99
90) Hexachloroethane	12.60	117	73809	51.15	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	245390	50.51	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	46857	48.28	ug/l	97

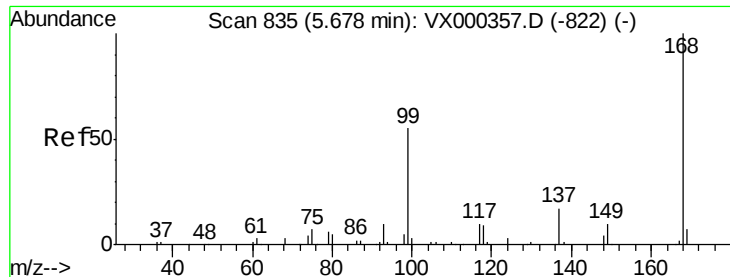
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	167142	47.99	ug/l	99
94) Hexachlorobutadiene	13.79	225	69420	48.14	ug/l	99
95) Naphthalene	13.84	128	607378	50.06	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	170557	49.56	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

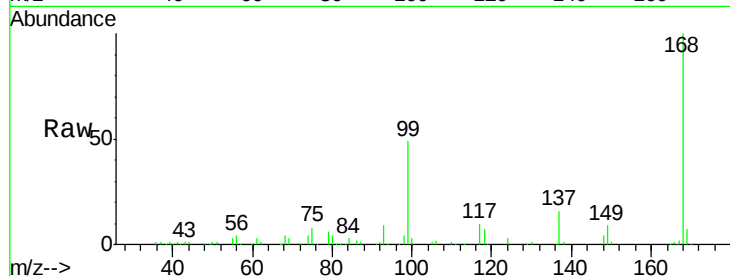
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 133081

Ion Ratio Lower Upper

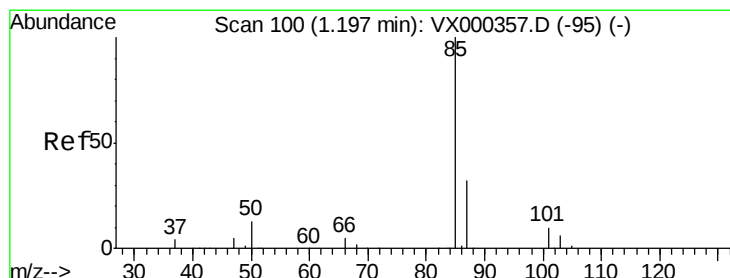
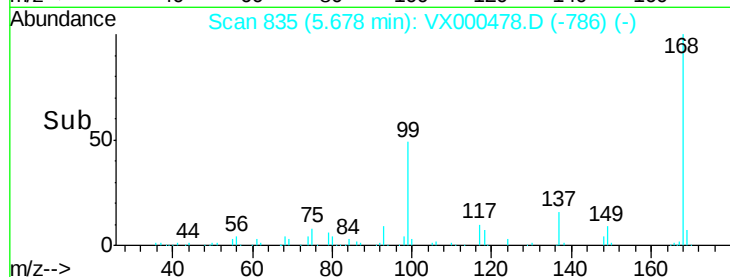
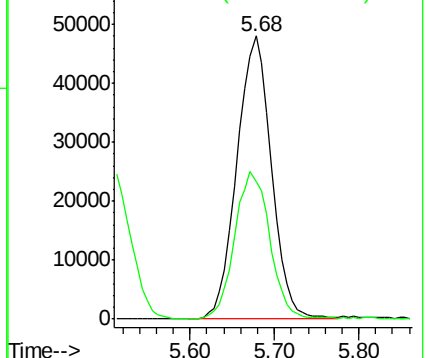
168 100

99 48.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.44 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000478.D

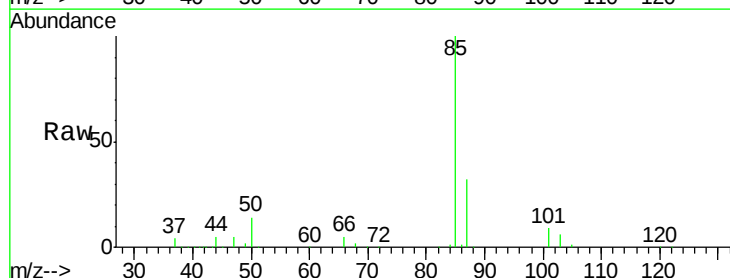
Acq: 27 Mar 2018 23:43

Tgt Ion: 85 Resp: 71050

Ion Ratio Lower Upper

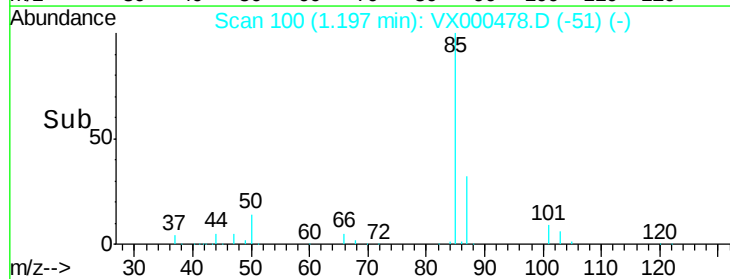
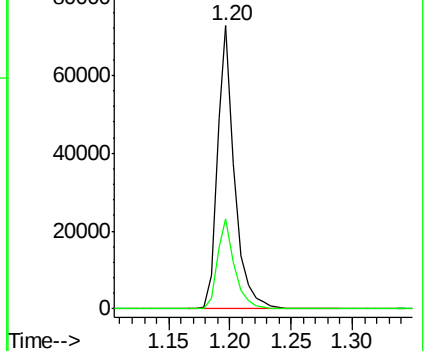
85 100

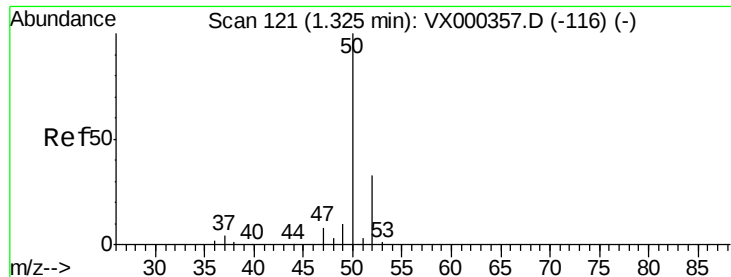
87 31.8 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.11 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

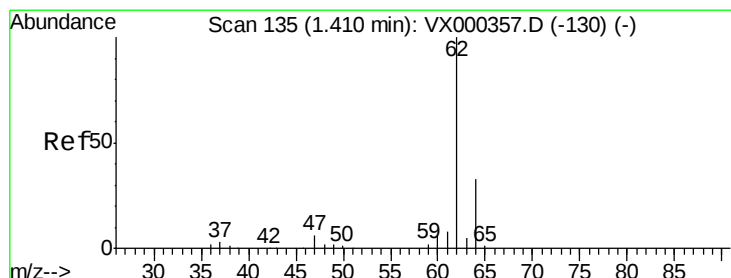
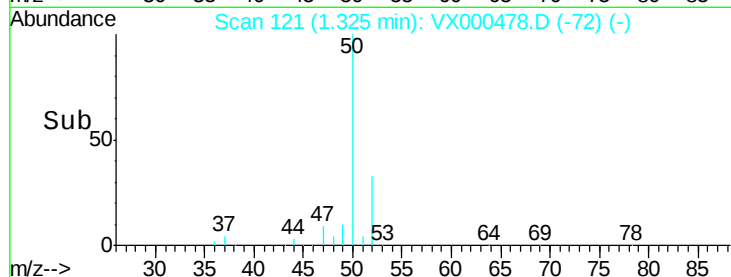
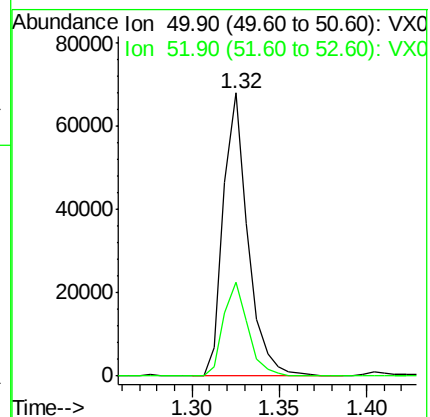
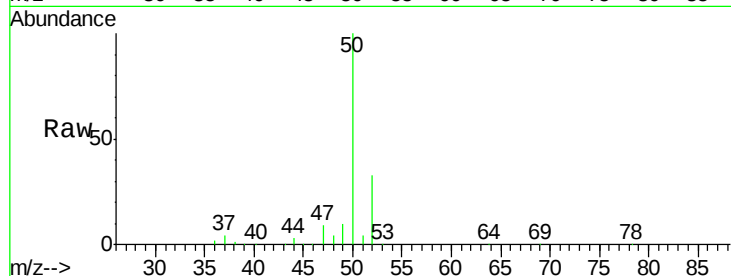
VSTDCCC050EC

Tgt Ion: 50 Resp: 66606

Ion Ratio Lower Upper

50 100

52 33.1 27.5 41.3



#4

Vinyl Chloride

Concen: 54.68 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000478.D

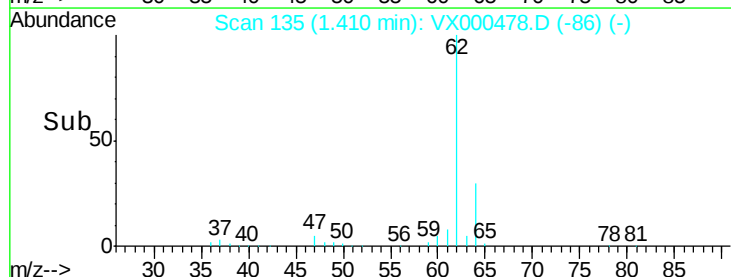
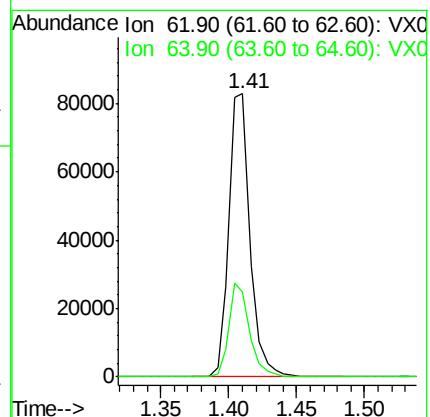
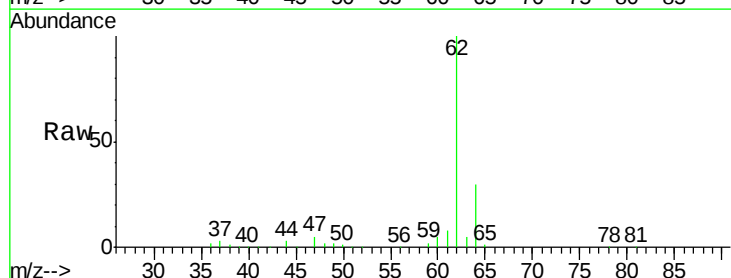
Acq: 27 Mar 2018 23:43

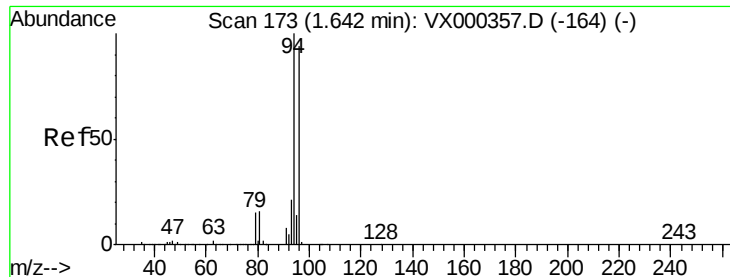
Tgt Ion: 62 Resp: 89278

Ion Ratio Lower Upper

62 100

64 29.8 24.8 37.2





#5

Bromomethane

Concen: 62.34 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

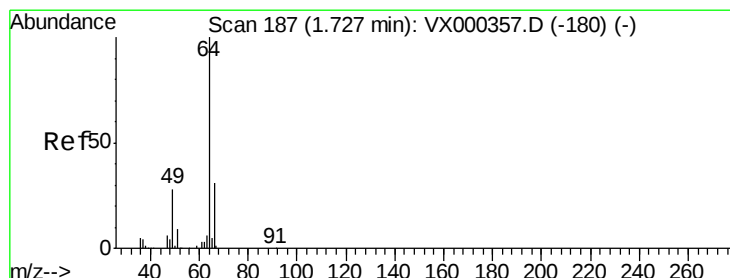
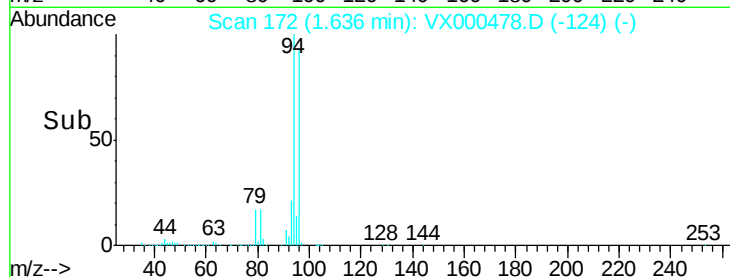
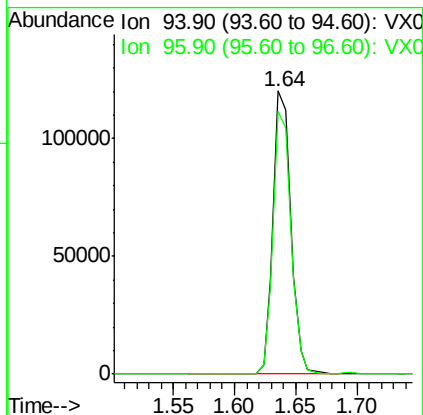
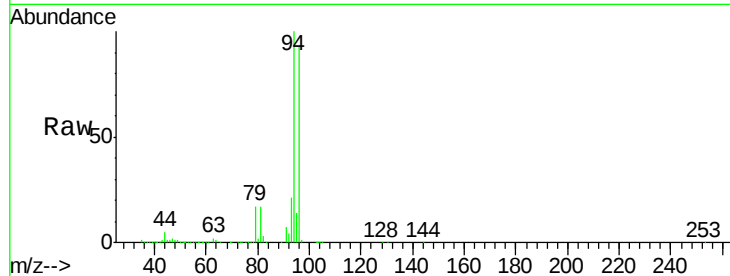
VSTDCCC050EC

Tgt Ion: 94 Resp: 121867

Ion Ratio Lower Upper

94 100

96 93.0 77.7 116.5



#6

Chloroethane

Concen: 59.18 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000478.D

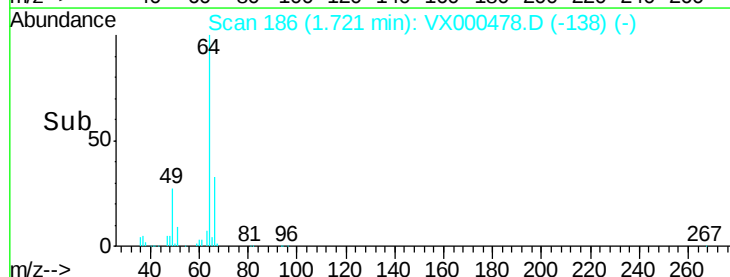
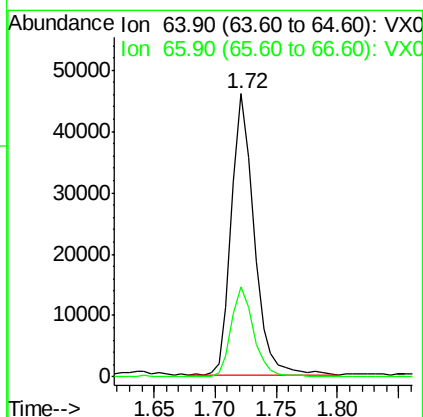
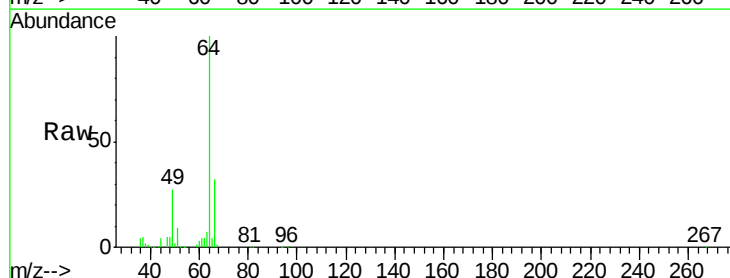
Acq: 27 Mar 2018 23:43

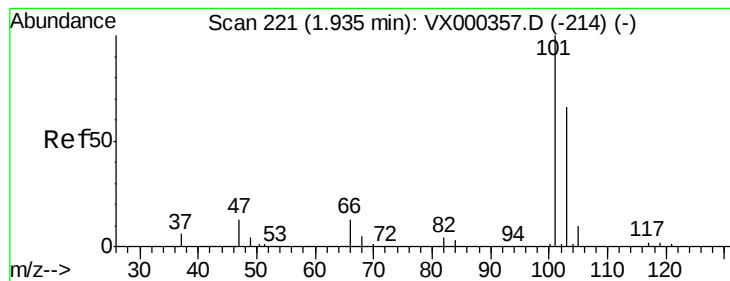
Tgt Ion: 64 Resp: 58771

Ion Ratio Lower Upper

64 100

66 32.0 24.8 37.2



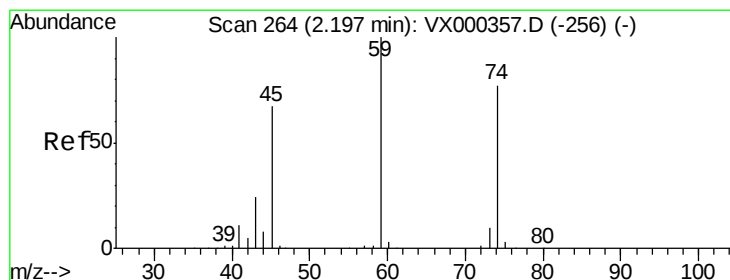
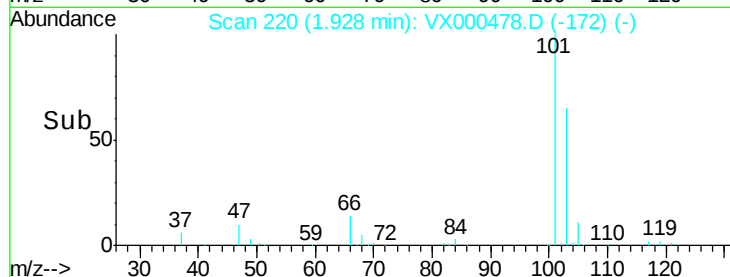
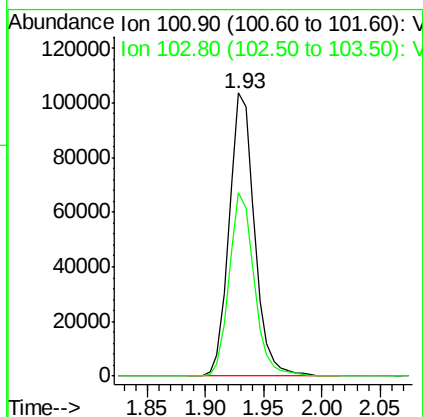
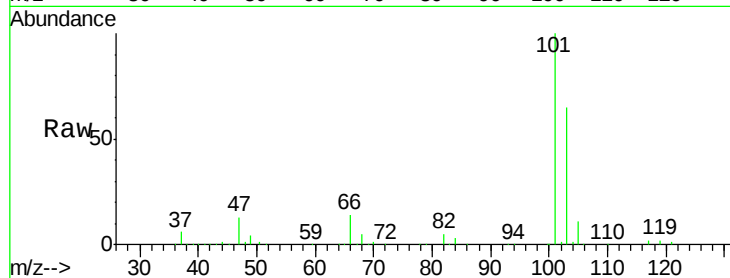


#7

Trichlorofluoromethane
 Concen: 53.35 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VX000478.D
 Acq: 27 Mar 2018 23:43

Instrument :
 MSVOA_X
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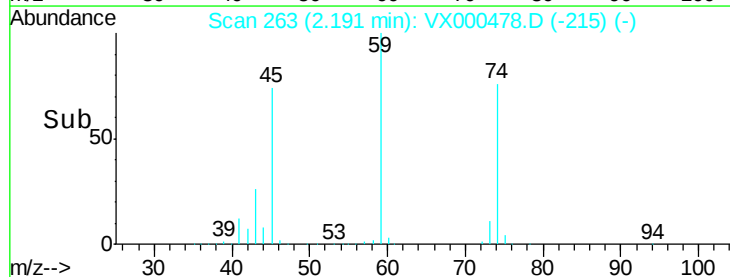
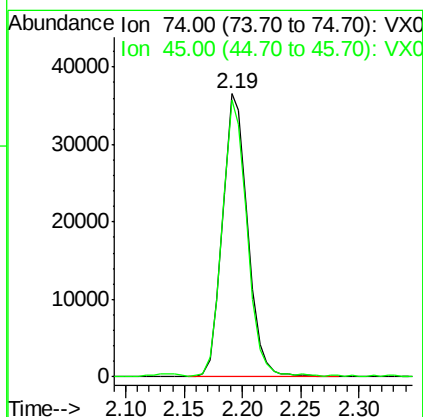
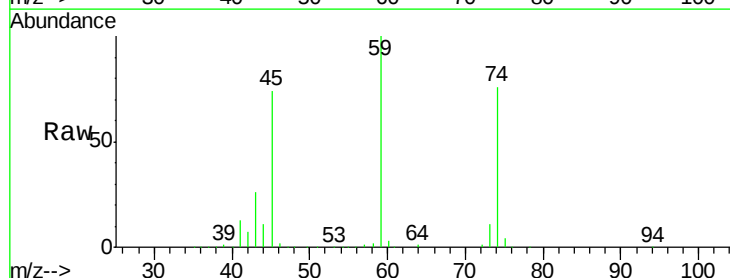
Tgt Ion: 101 Resp: 157200
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.6 77.4

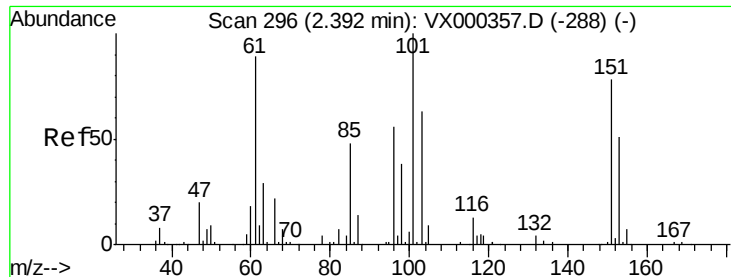


#8

Diethyl Ether
 Concen: 51.70 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000478.D
 Acq: 27 Mar 2018 23:43

Tgt Ion: 74 Resp: 54445
 Ion Ratio Lower Upper
 74 100
 45 95.5 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.27 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

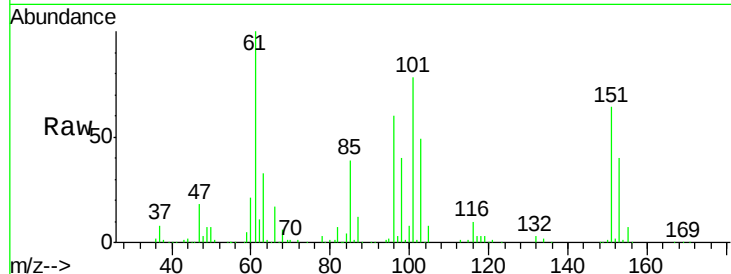
Tgt Ion:101 Resp: 84250

Ion Ratio Lower Upper

101 100

85 49.5 37.6 56.4

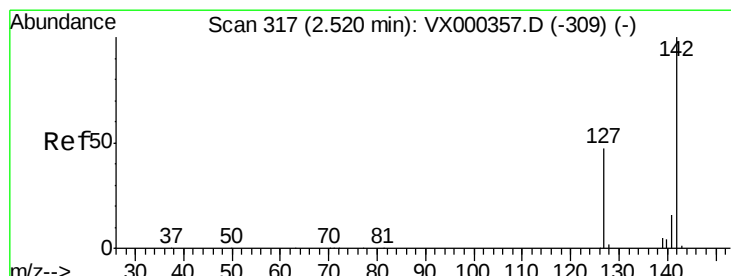
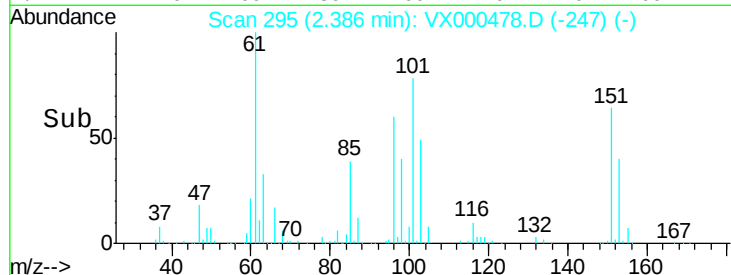
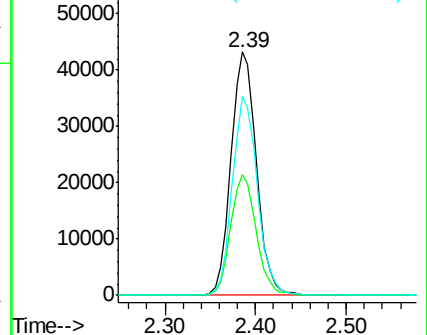
151 80.5 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 36.57 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

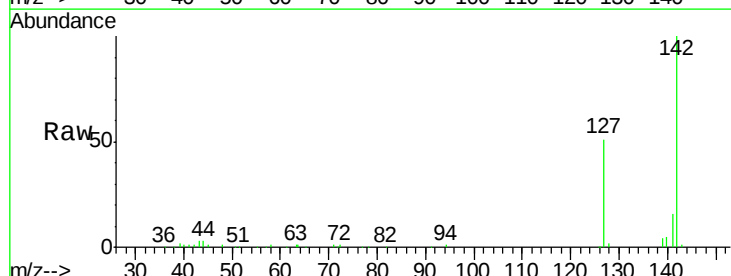
Tgt Ion:142 Resp: 57493

Ion Ratio Lower Upper

142 100

127 51.0 39.2 58.8

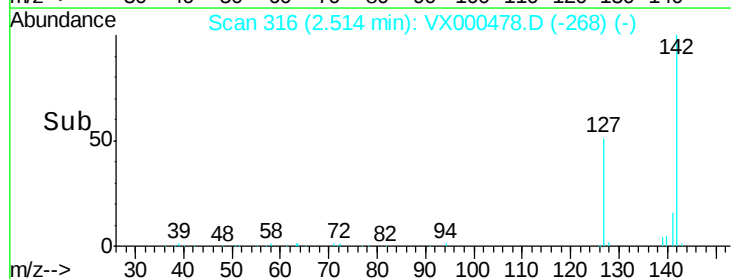
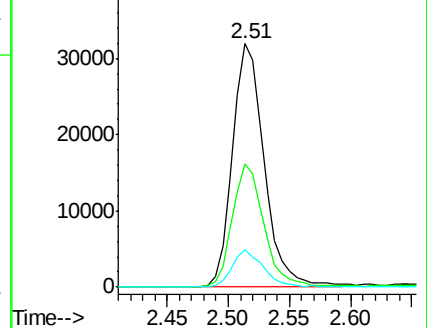
141 15.0 11.7 17.5

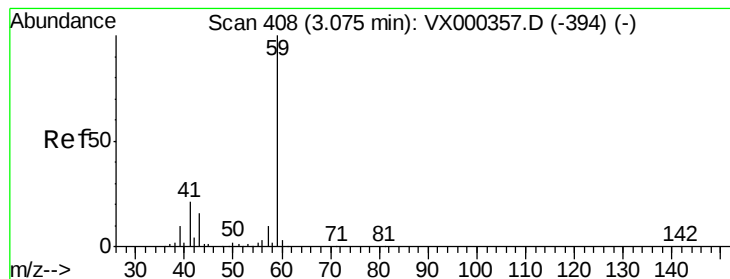


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 278.77 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.01 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

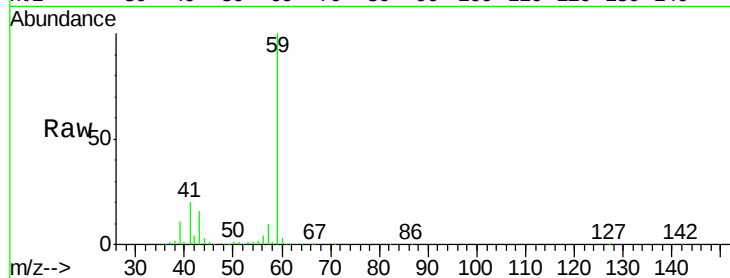
VSTDCCC050EC

Tgt Ion: 59 Resp: 166579

Ion Ratio Lower Upper

59 100

57 10.6 8.4 12.6

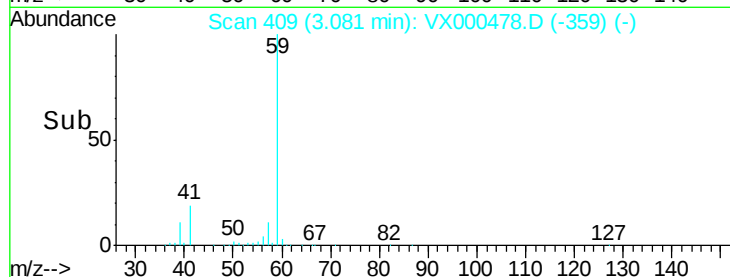


Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.08

Time-->

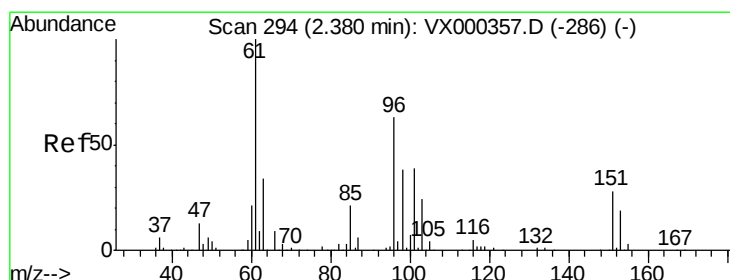


Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.08

Time-->



#12

1,1-Dichloroethene

Concen: 54.68 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

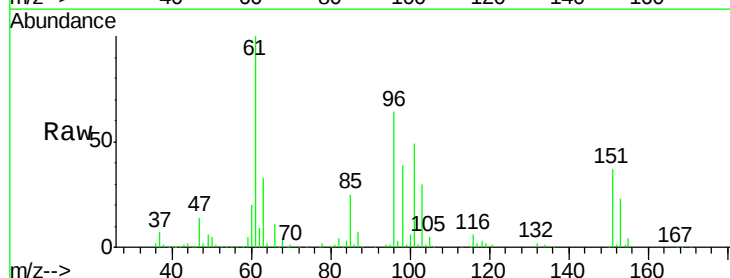
Tgt Ion: 96 Resp: 78874

Ion Ratio Lower Upper

96 100

61 156.8 131.2 196.8

98 60.5 49.8 74.8



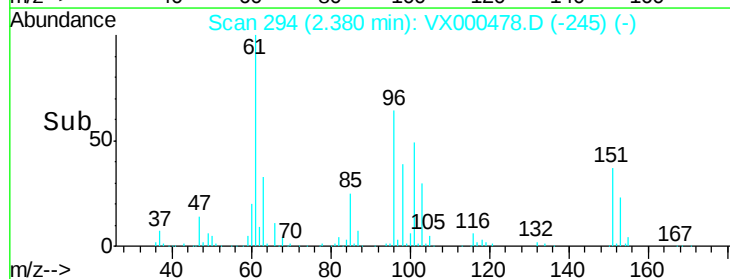
Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2.38

Time-->



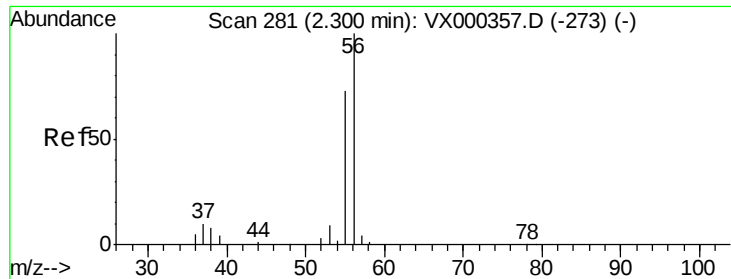
Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2.38

Time-->



#13

Acrolein

Concen: 250.45 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

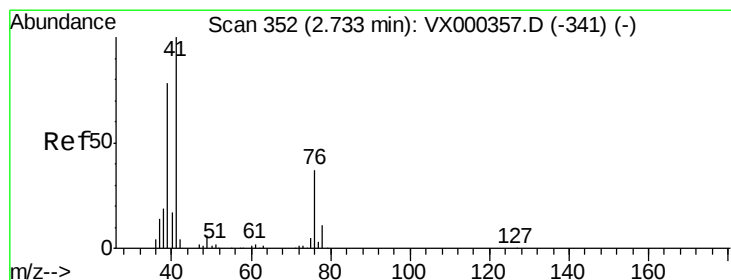
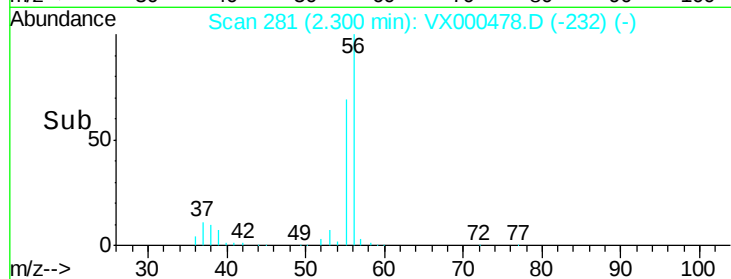
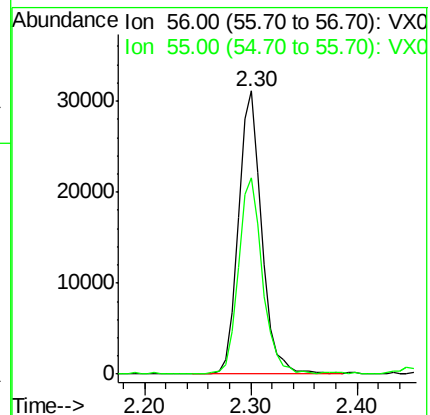
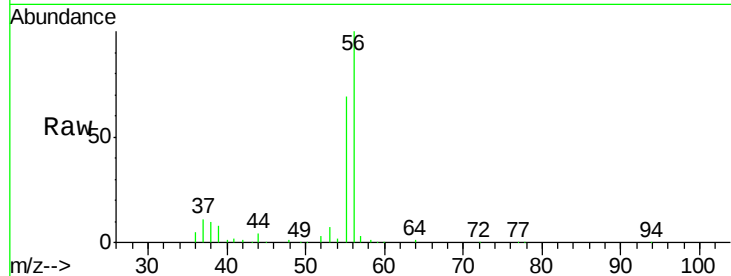
VSTDCCC050EC

Tgt Ion: 56 Resp: 47788

Ion Ratio Lower Upper

56 100

55 71.6 58.8 88.2



#14

Allyl chloride

Concen: 56.15 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

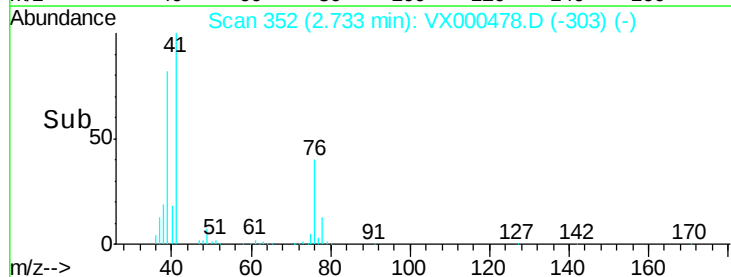
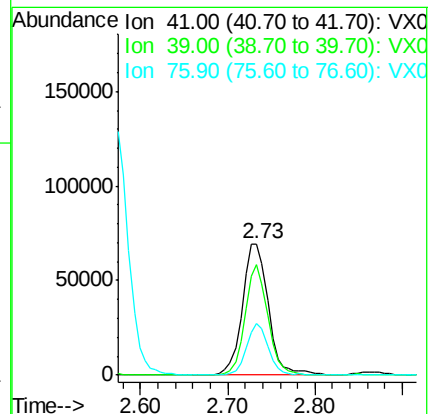
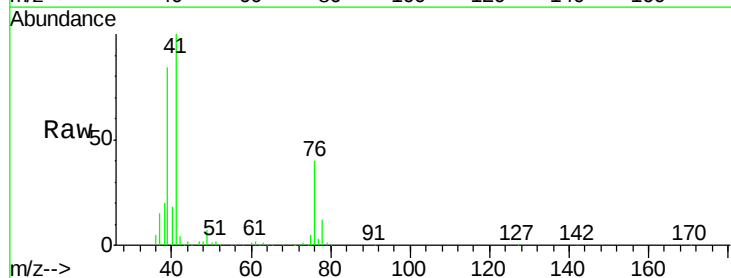
Tgt Ion: 41 Resp: 143022

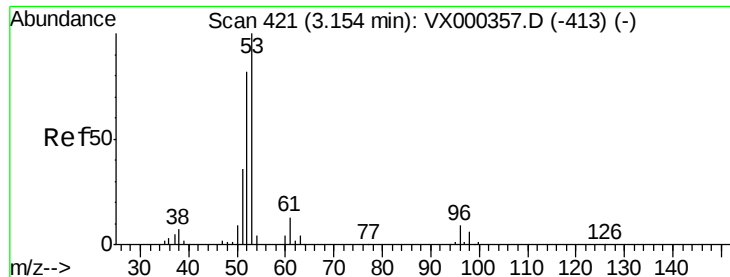
Ion Ratio Lower Upper

41 100

39 72.6 57.6 86.4

76 33.3 27.3 40.9





#15

Acrylonitrile

Concen: 269.00 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

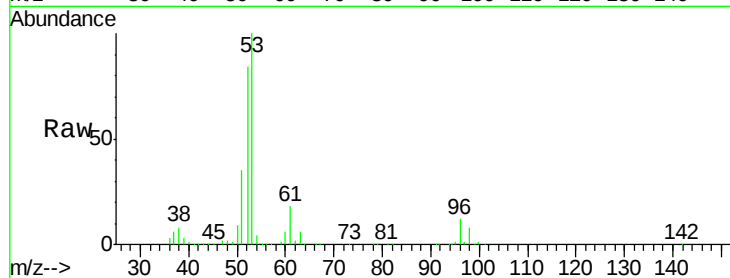
Tgt Ion: 53 Resp: 325553

Ion Ratio Lower Upper

53 100

52 83.4 66.6 99.8

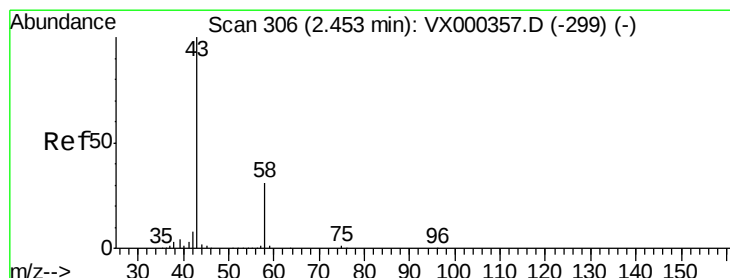
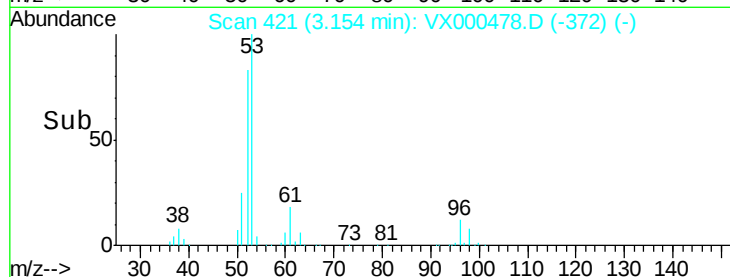
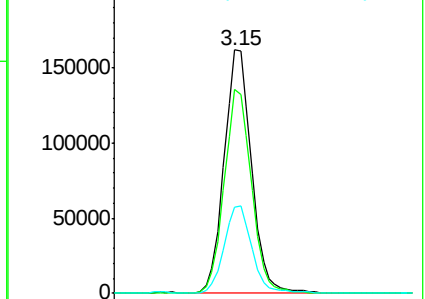
51 36.9 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 223.31 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000478.D

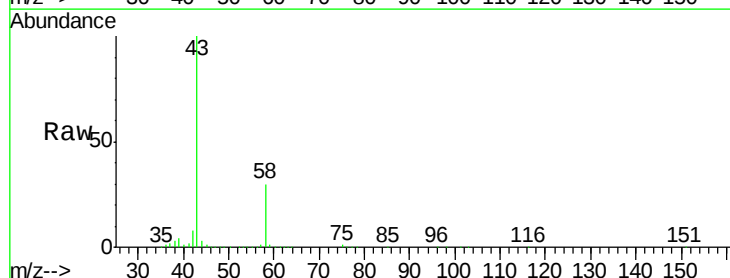
Acq: 27 Mar 2018 23:43

Tgt Ion: 43 Resp: 322705

Ion Ratio Lower Upper

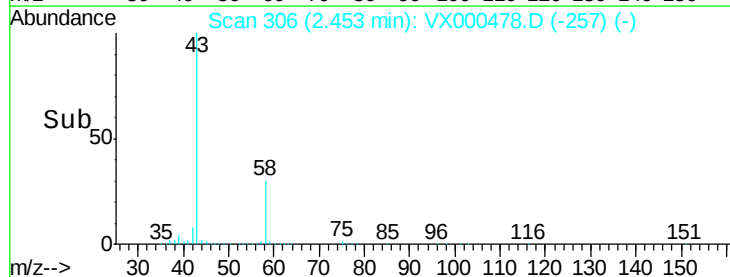
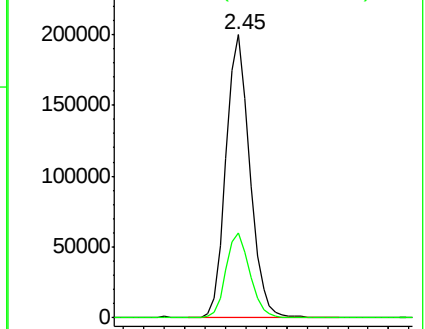
43 100

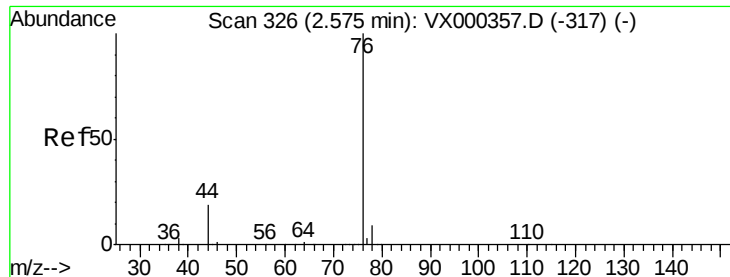
58 29.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

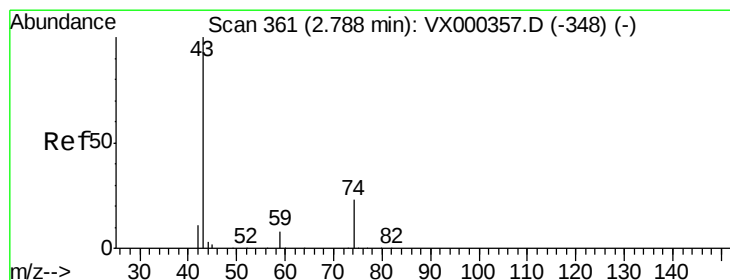
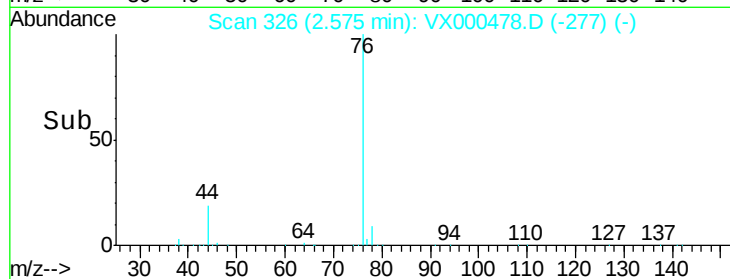
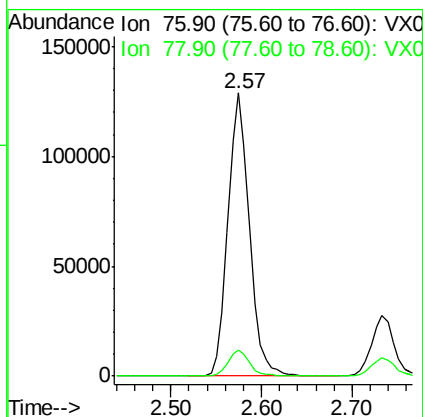
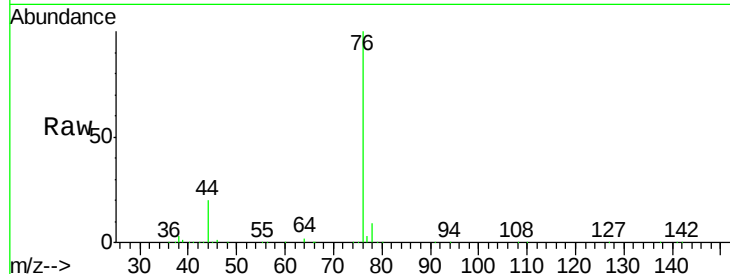




#17
Carbon Disulfide
Concen: 55.13 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

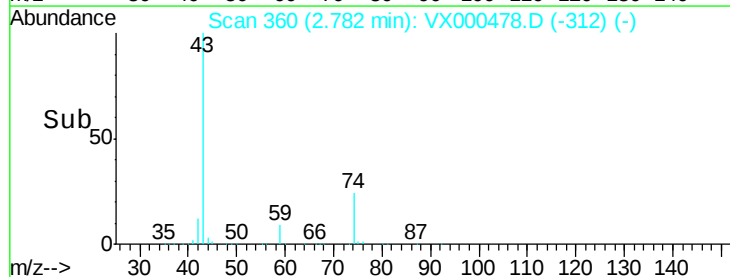
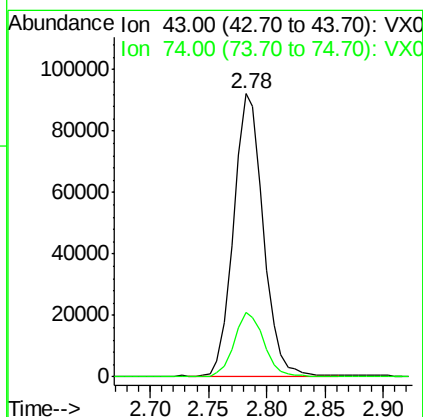
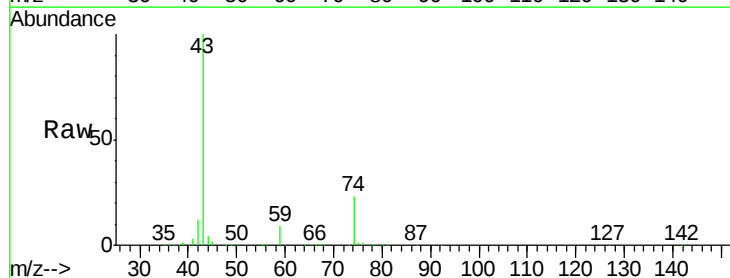
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

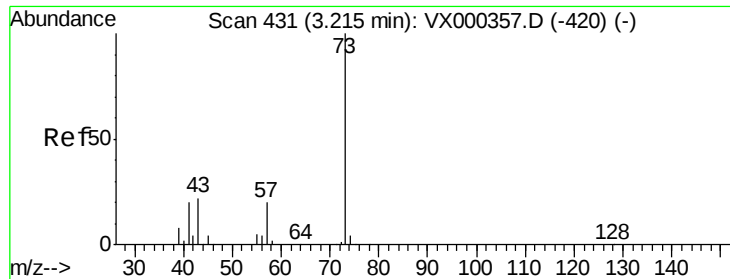
Tgt Ion: 76 Resp: 211544
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 54.17 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

Tgt Ion: 43 Resp: 164131
Ion Ratio Lower Upper
43 100
74 22.9 19.4 29.2

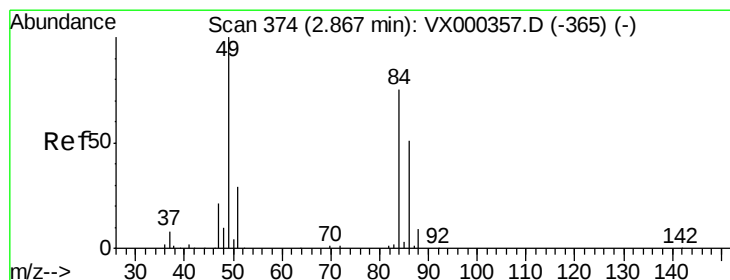
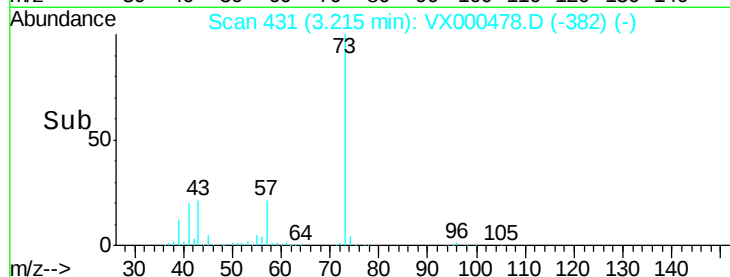
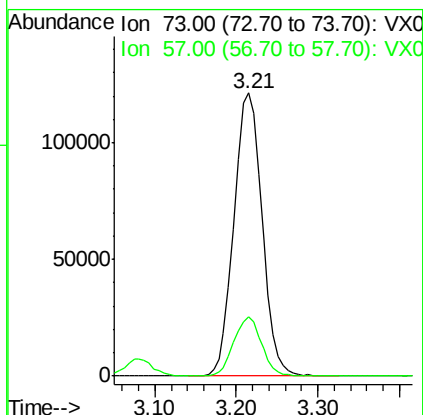
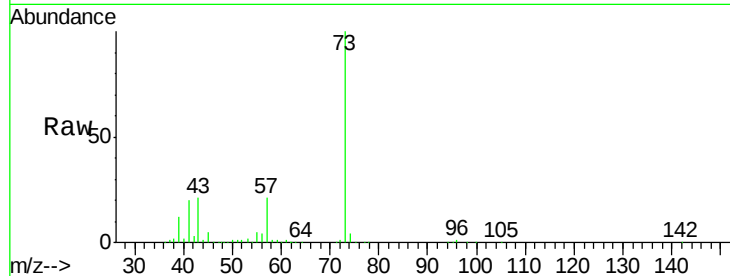




#19
Methyl tert-butyl Ether
Concen: 54.17 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

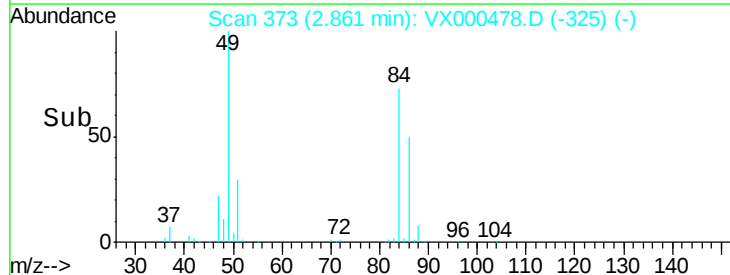
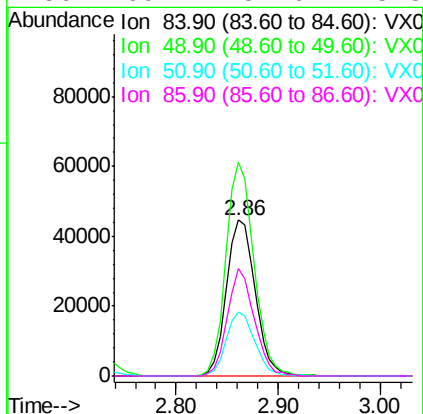
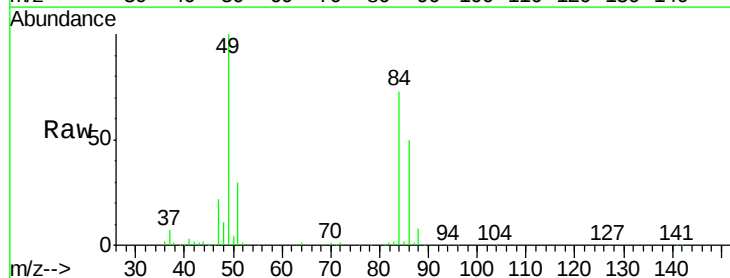
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

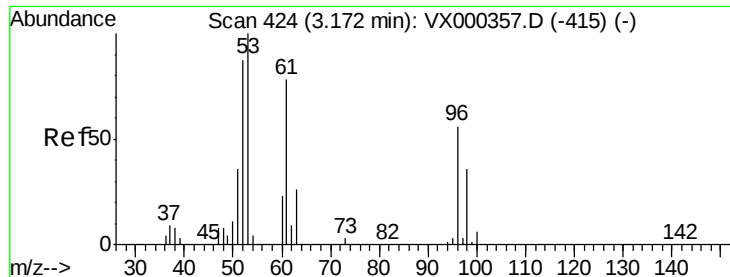
Tgt Ion: 73 Resp: 289016
Ion Ratio Lower Upper
73 100
57 20.9 17.2 25.8



#20
Methylene Chloride
Concen: 52.16 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

Tgt Ion: 84 Resp: 87068
Ion Ratio Lower Upper
84 100
49 137.1 100.6 151.0
51 41.0 31.6 47.4
86 69.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 52.89 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

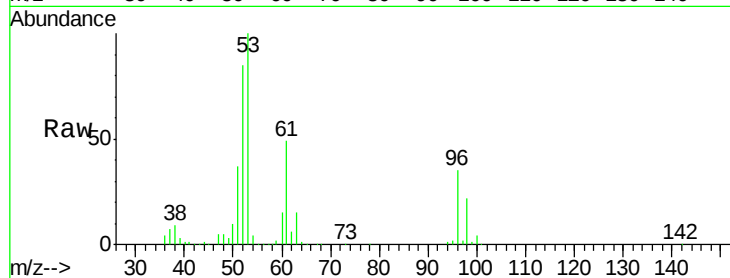
Tgt Ion: 96 Resp: 85107

Ion Ratio Lower Upper

96 100

61 141.2 104.0 156.0

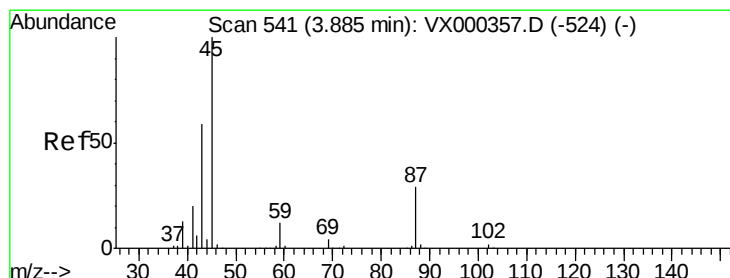
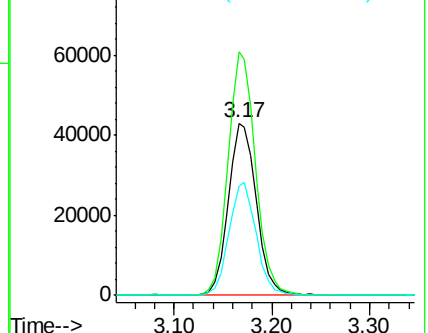
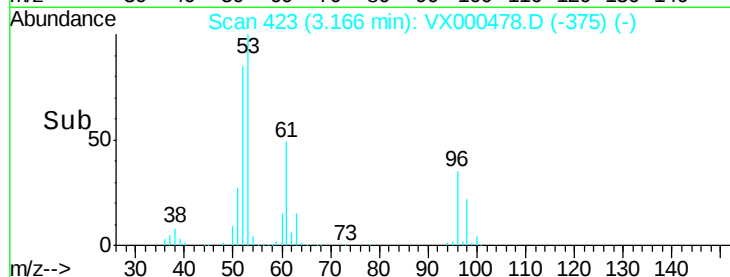
98 63.3 52.1 78.1



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: 48.60 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Tgt Ion: 45 Resp: 219166

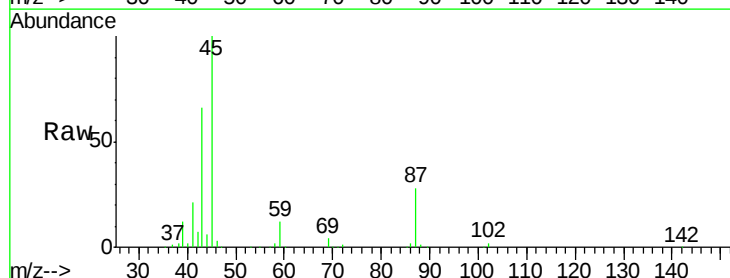
Ion Ratio Lower Upper

45 100

43 65.6 53.9 80.9

87 28.2 22.6 34.0

59 11.8 9.5 14.3

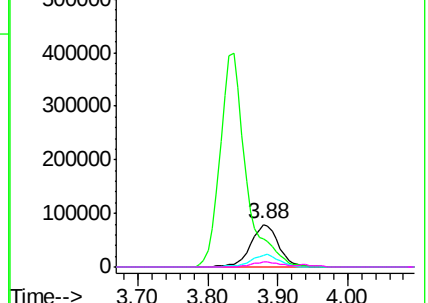
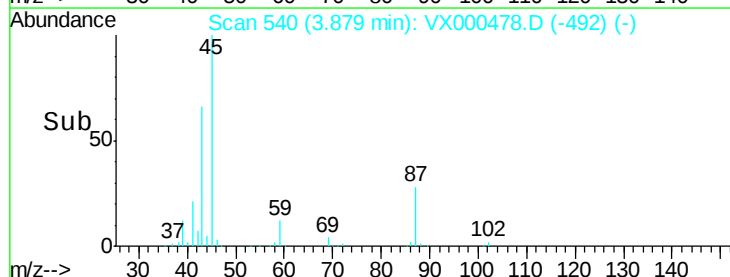


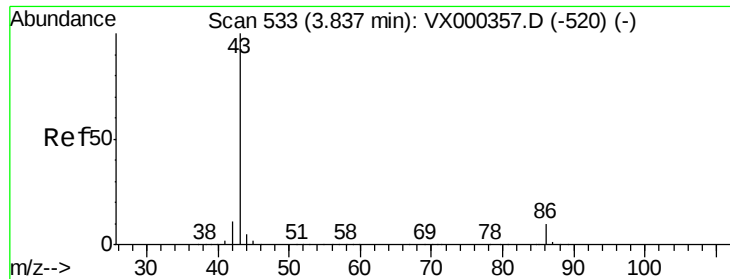
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

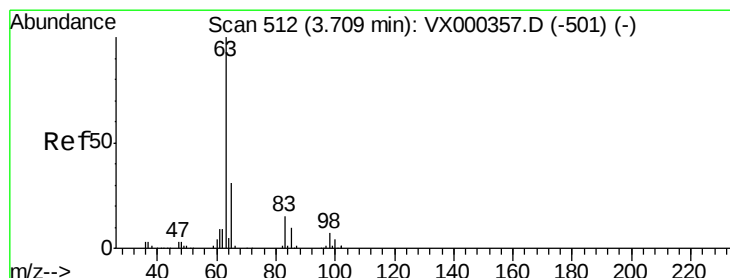
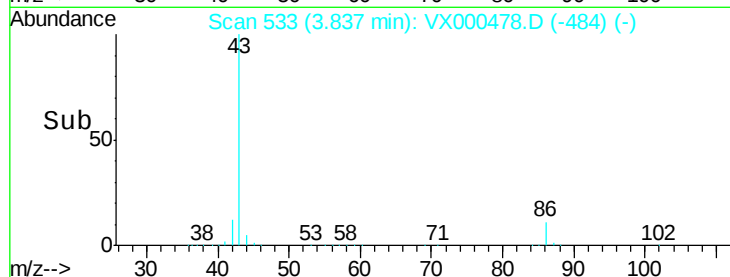
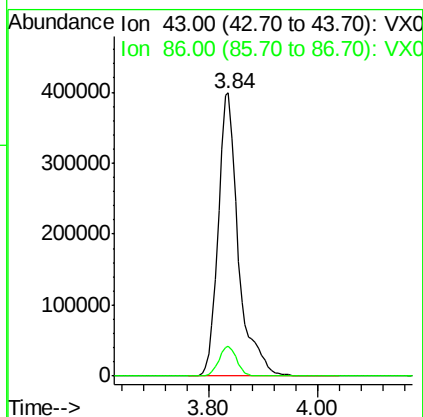
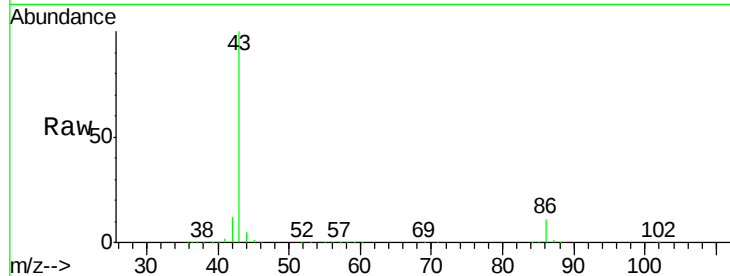




#23
 Vinyl Acetate
 Concen: 240.35 ug/l
 RT: 3.84 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: VX000478.D
 Acq: 27 Mar 2018 23:43

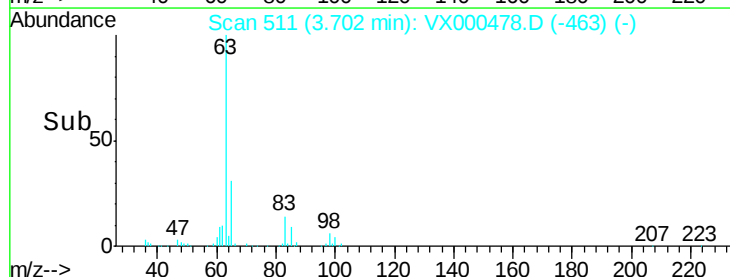
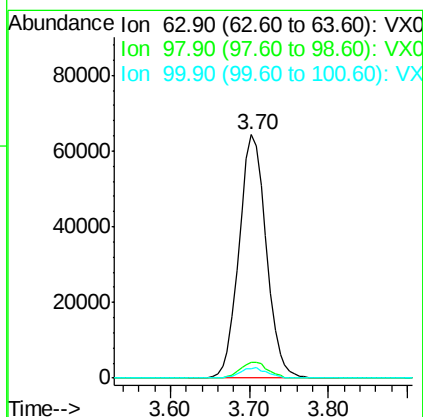
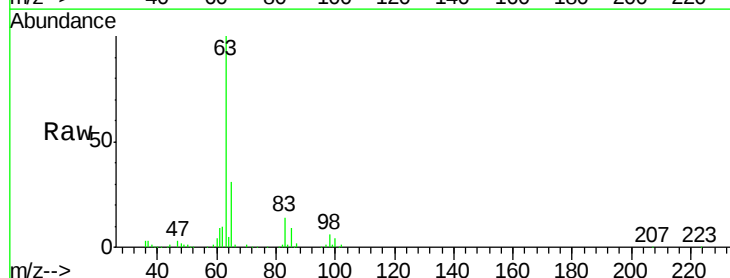
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

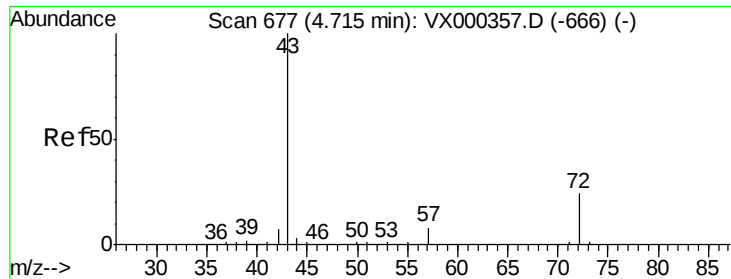
Tgt Ion: 43 Resp: 1027454
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 54.48 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: VX000478.D
 Acq: 27 Mar 2018 23:43

Tgt Ion: 63 Resp: 154457
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.1 2.0 5.8





#25

2-Butanone

Concen: 247.03 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

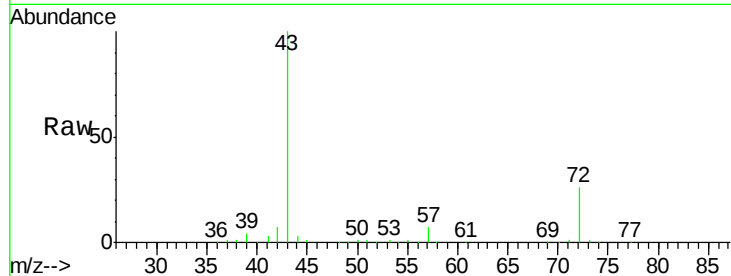
VSTDCCC050EC

Tgt Ion: 43 Resp: 401253

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

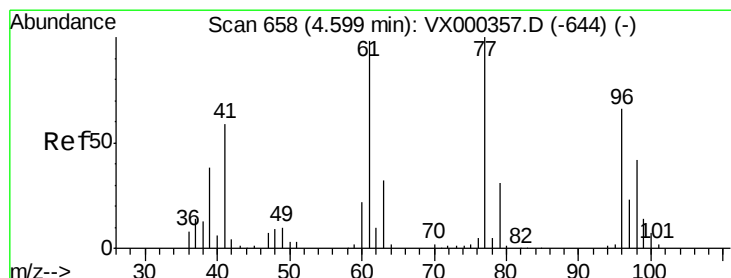
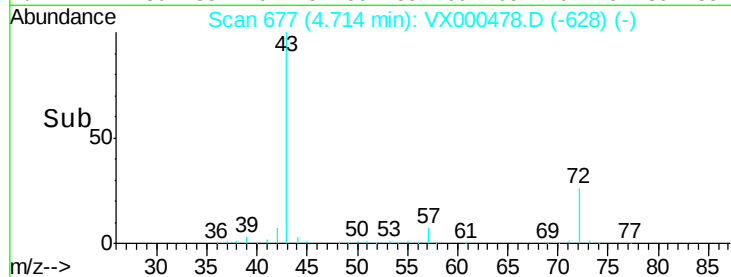
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 47.31 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000478.D

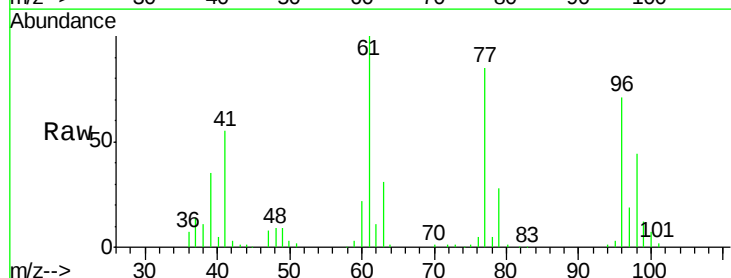
Acq: 27 Mar 2018 23:43

Tgt Ion: 77 Resp: 94006

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

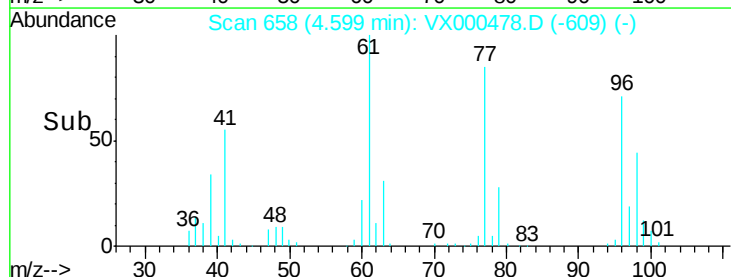
20000

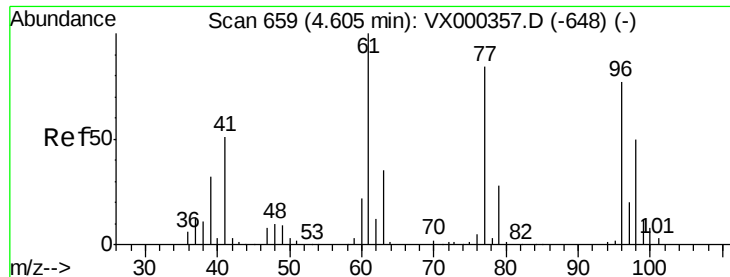
10000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.39 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

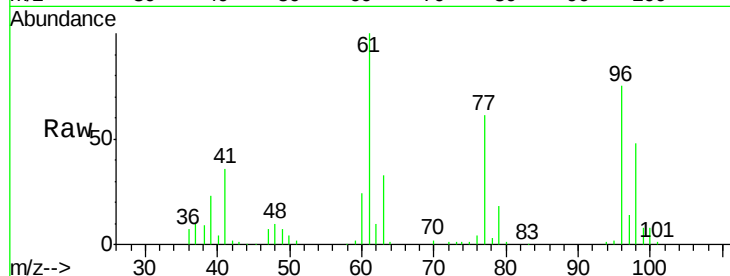
Tgt Ion: 96 Resp: 77291

Ion Ratio Lower Upper

96 100

61 141.3 0.0 291.6

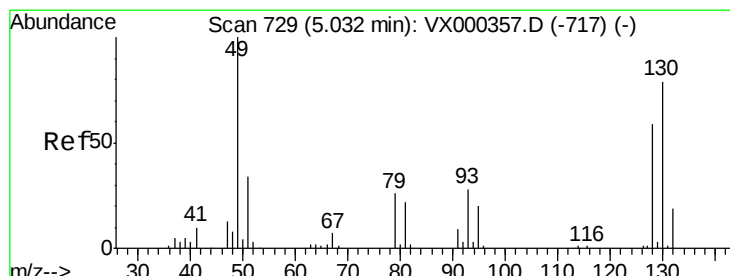
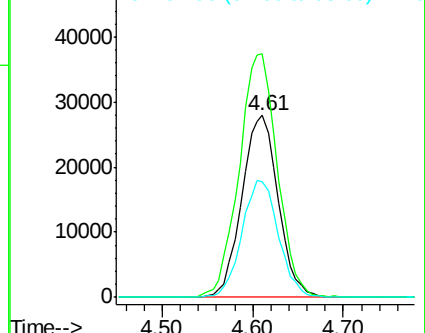
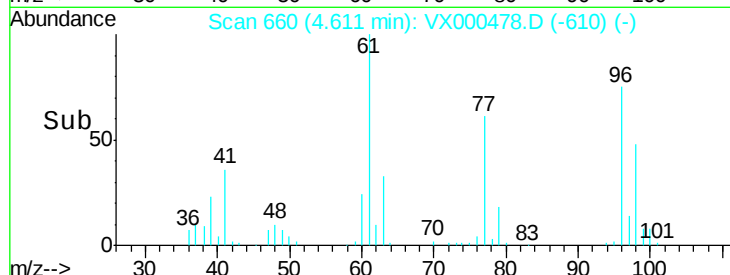
98 64.9 0.0 132.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 67.61 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

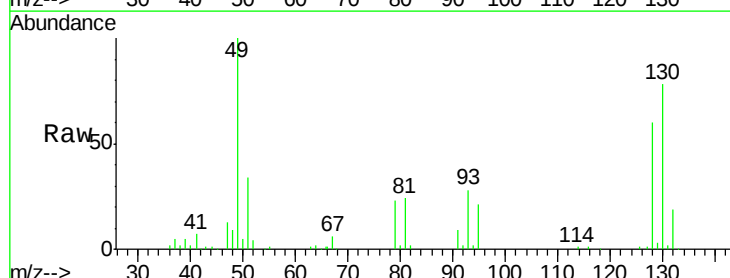
Tgt Ion: 49 Resp: 79040

Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.0

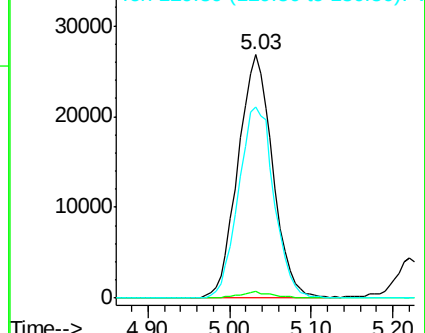
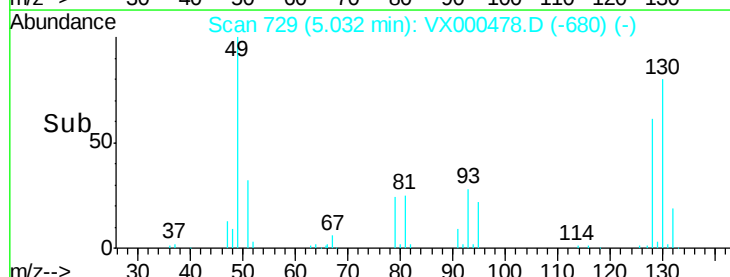
130 80.5 64.0 96.0

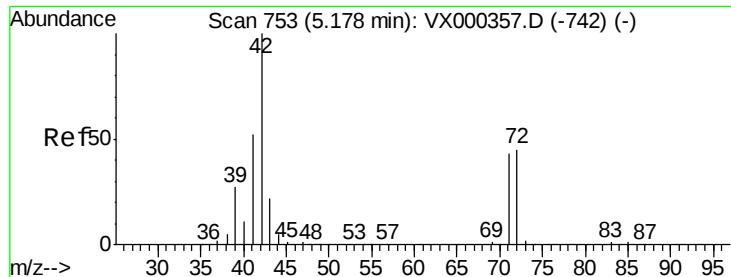


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

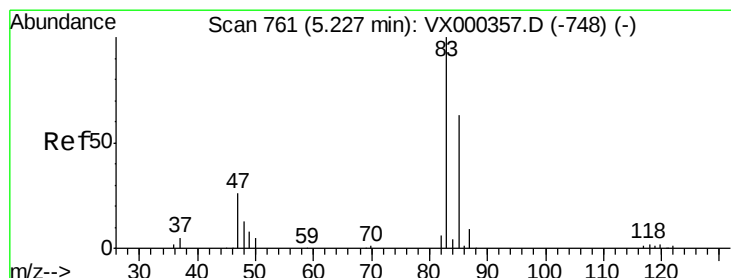
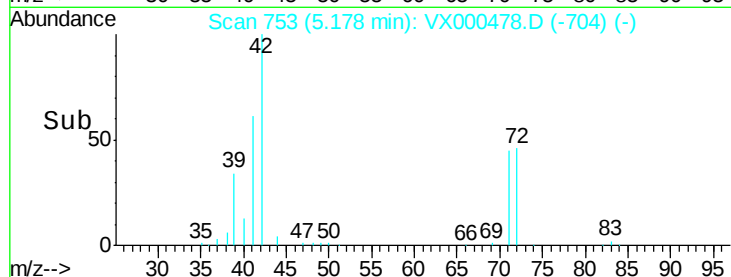
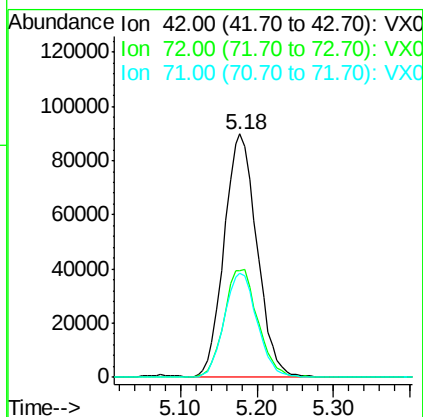
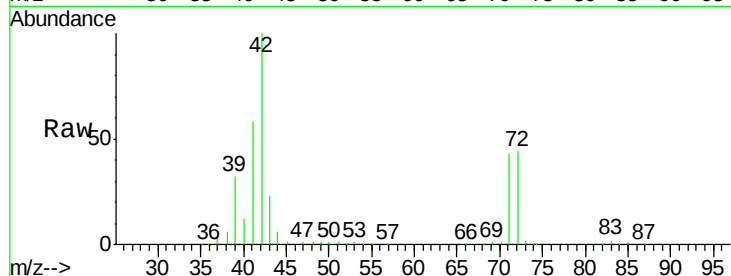




#29
Tetrahydrofuran
Concen: 265.30 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

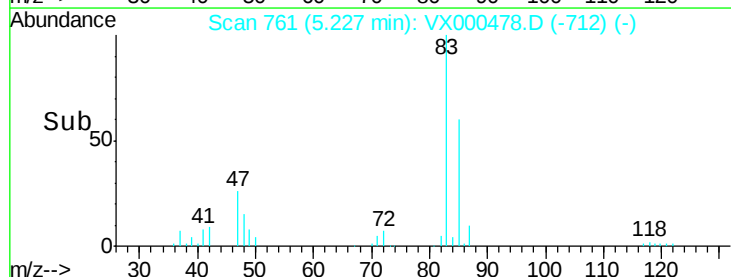
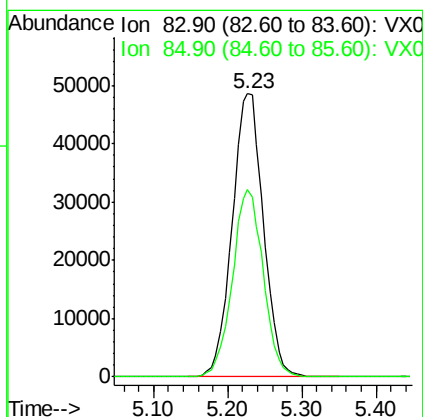
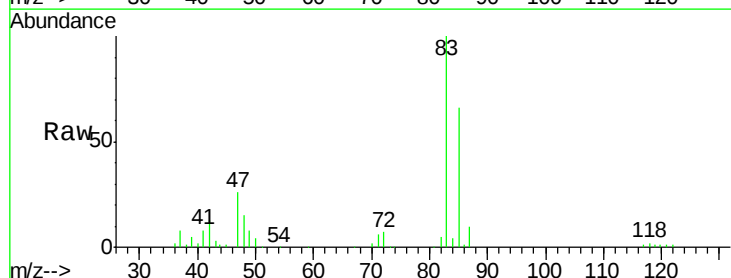
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

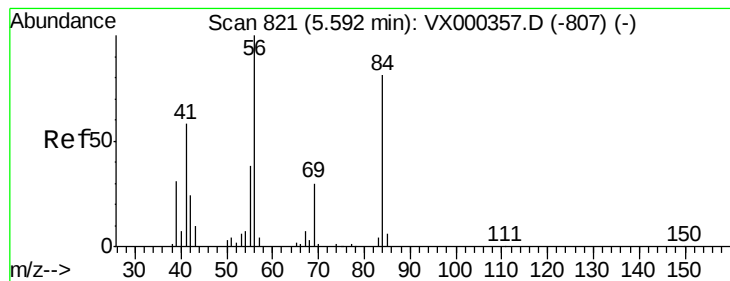
Tgt Ion: 42 Resp: 265141
Ion Ratio Lower Upper
42 100
72 45.8 37.9 56.9
71 43.0 34.4 51.6



#30
Chloroform
Concen: 53.73 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

Tgt Ion: 83 Resp: 142760
Ion Ratio Lower Upper
83 100
85 66.1 53.3 79.9





#31

Cyclohexane

Concen: 51.97 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

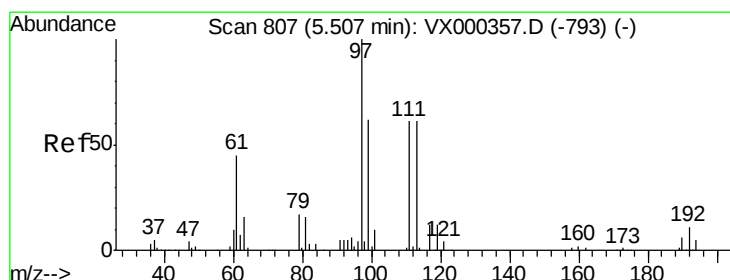
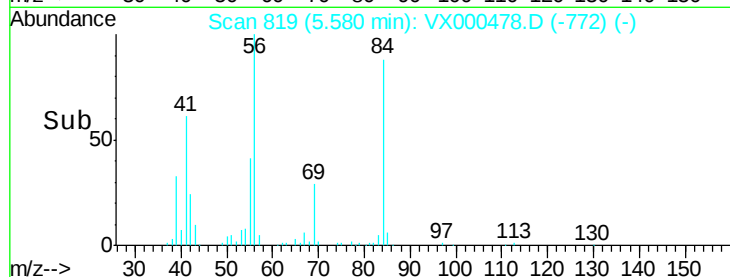
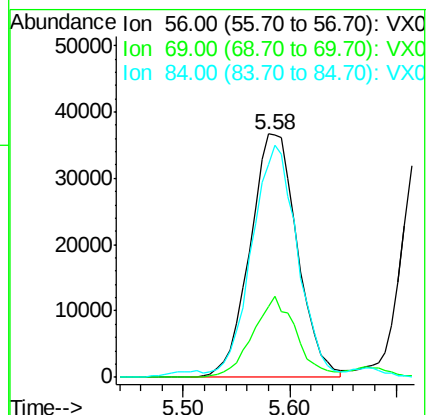
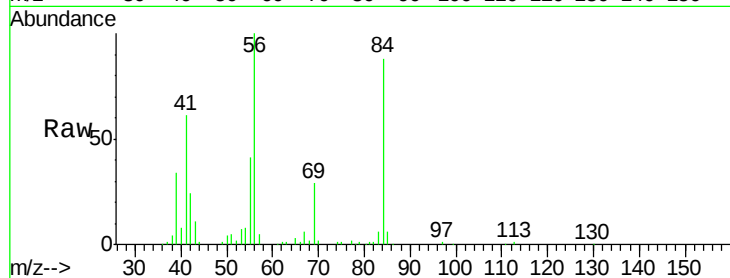
Tgt Ion: 56 Resp: 113903

Ion Ratio Lower Upper

56 100

69 29.1 23.4 35.0

84 85.4 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 52.46 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

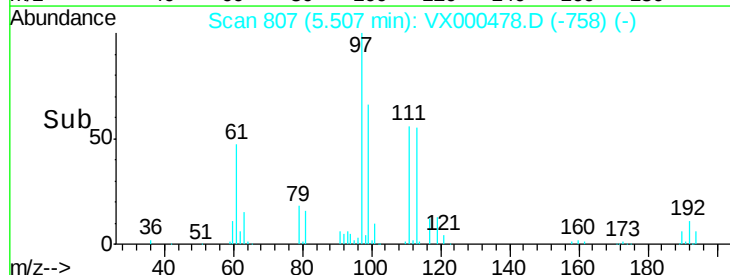
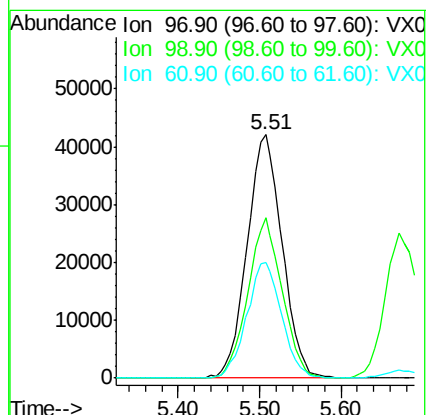
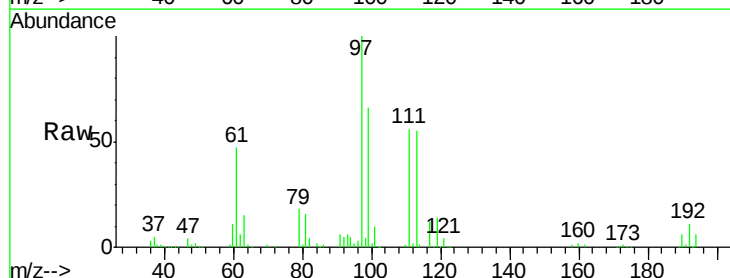
Tgt Ion: 97 Resp: 125742

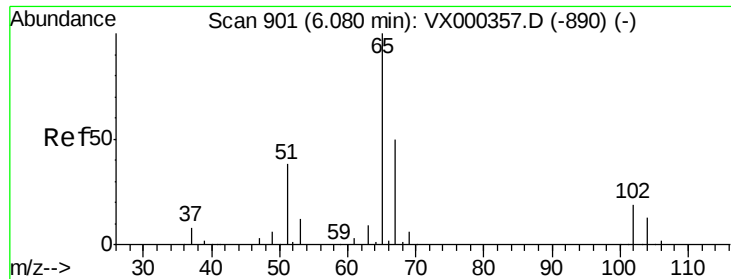
Ion Ratio Lower Upper

97 100

99 64.1 52.1 78.1

61 47.4 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 49.90 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

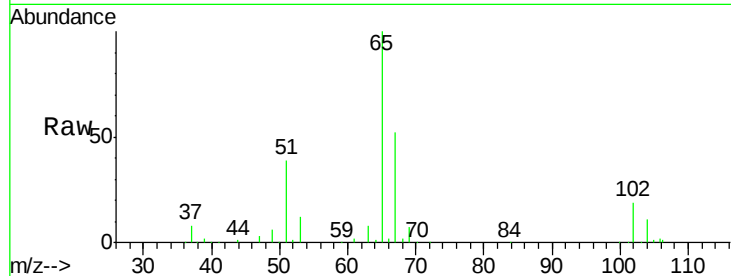
VSTDCCC050EC

Tgt Ion: 65 Resp: 86682

Ion Ratio Lower Upper

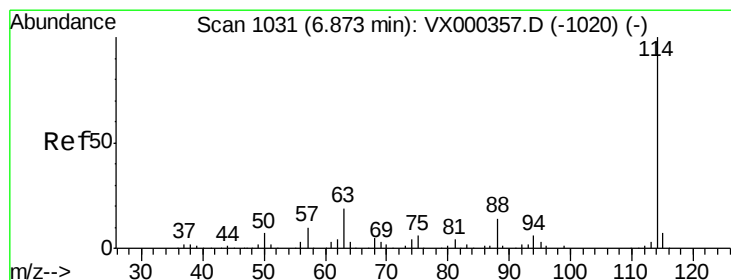
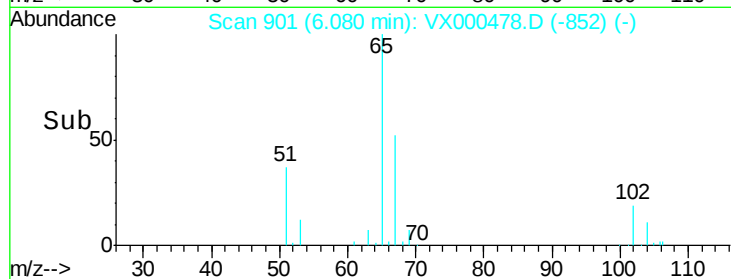
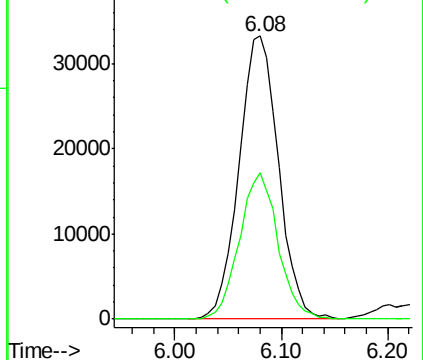
65 100

67 50.4 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

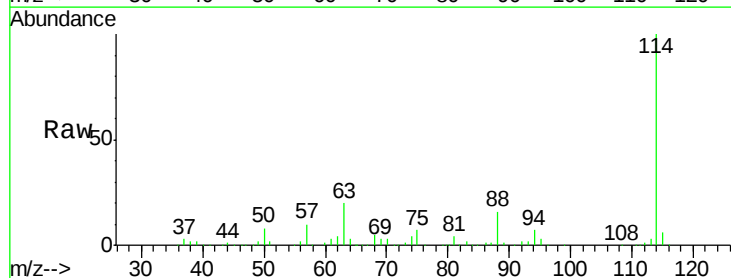
Tgt Ion: 114 Resp: 219304

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

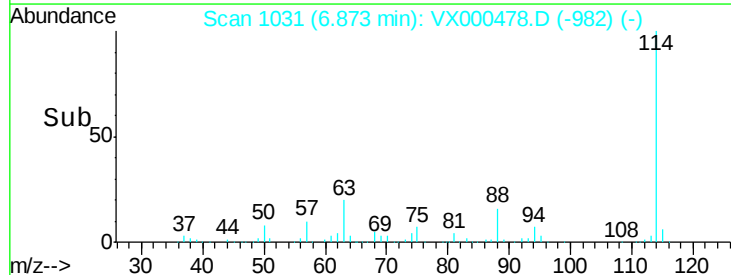
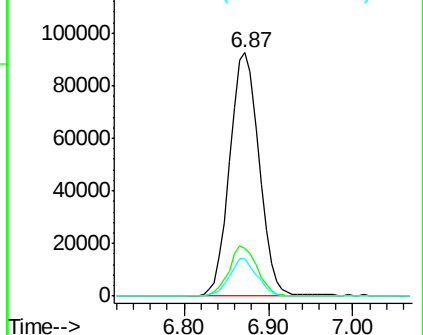
88 15.5 0.0 27.0

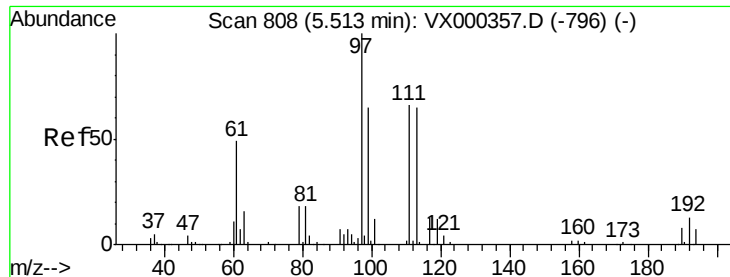


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.79 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

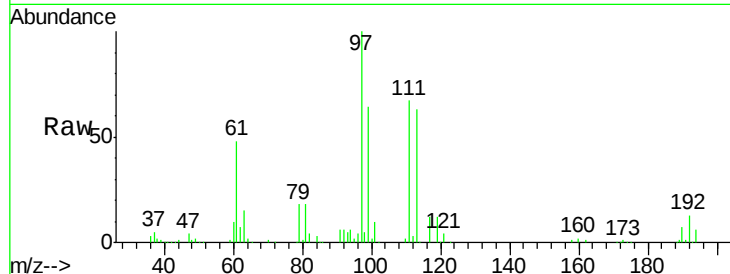
Tgt Ion:113 Resp: 70184

Ion Ratio Lower Upper

113 100

111 100.6 82.4 123.6

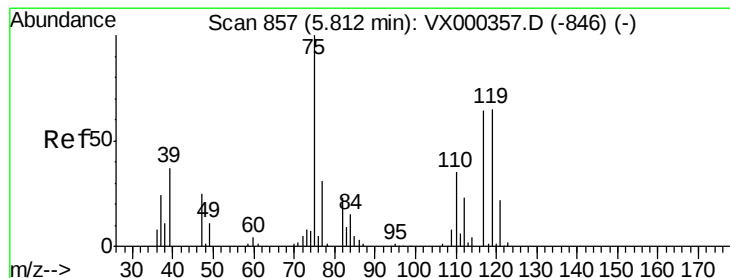
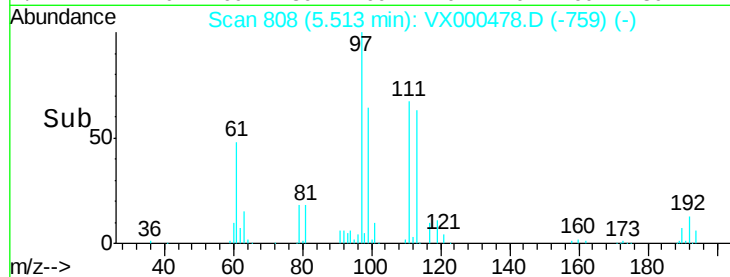
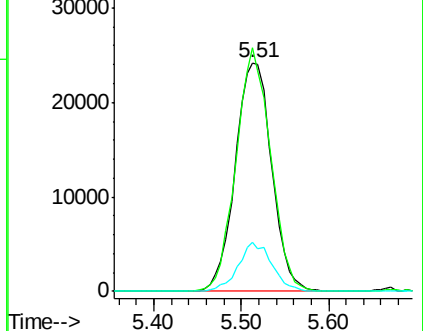
192 19.8 15.8 23.6



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: 50.56 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

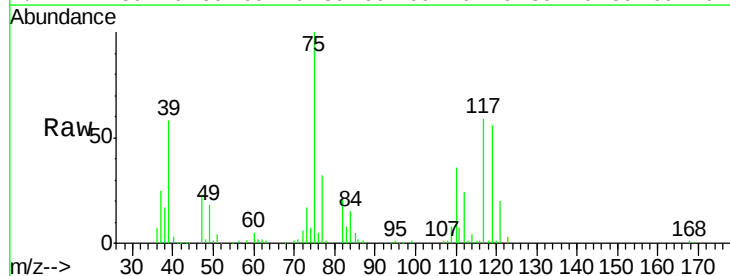
Tgt Ion: 75 Resp: 103857

Ion Ratio Lower Upper

75 100

110 36.2 17.9 53.7

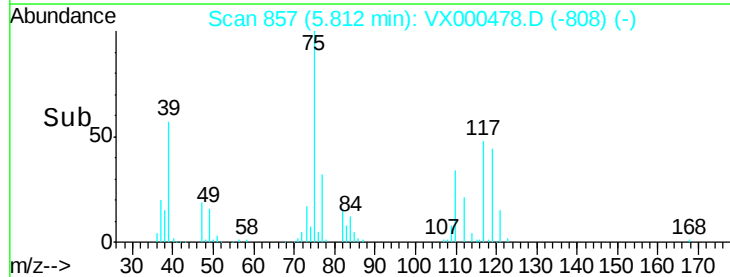
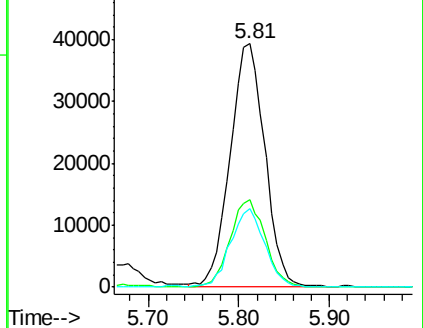
77 31.8 24.0 36.0

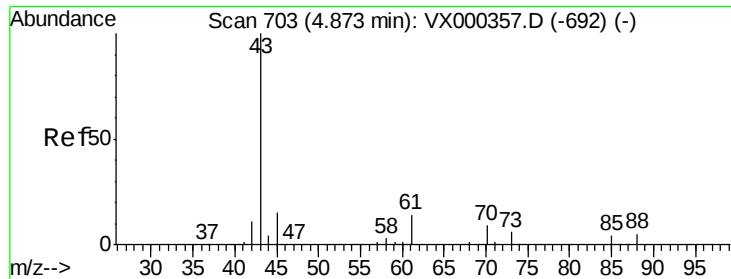


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.08 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

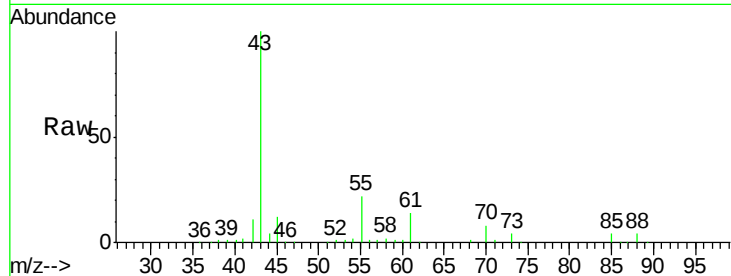
Tgt Ion: 43 Resp: 140536

Ion Ratio Lower Upper

43 100

61 14.1 11.1 16.7

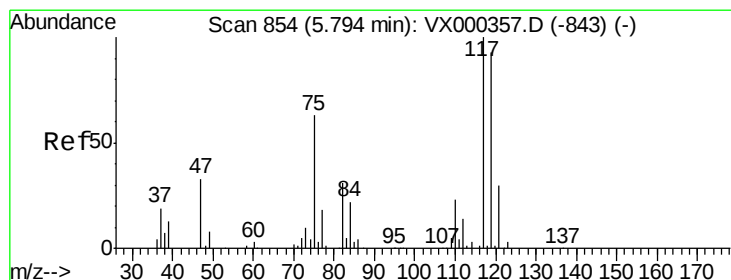
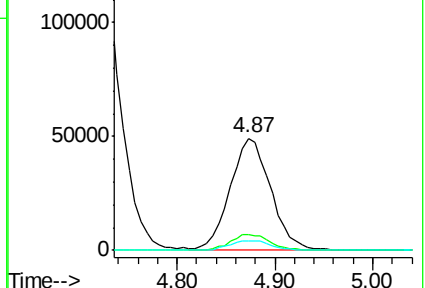
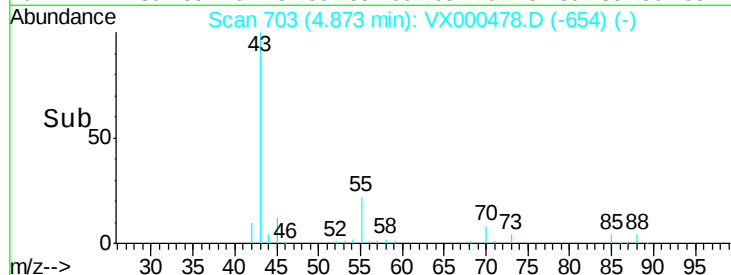
70 9.1 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX000357.D (-692) (-)

Ion 60.90 (60.60 to 61.60): VX000357.D (-692) (-)

Ion 70.00 (69.70 to 70.70): VX000357.D (-692) (-)



#38

Carbon Tetrachloride

Concen: 51.09 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

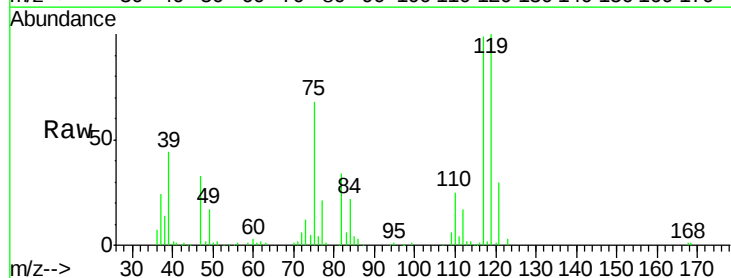
Tgt Ion: 117 Resp: 110095

Ion Ratio Lower Upper

117 100

119 101.4 77.4 116.2

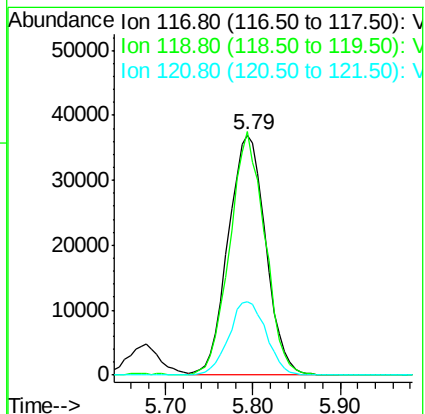
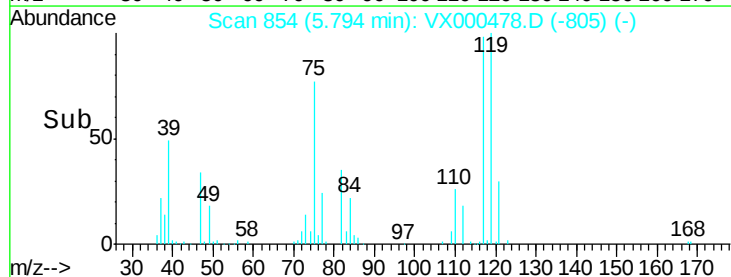
121 30.5 24.8 37.2

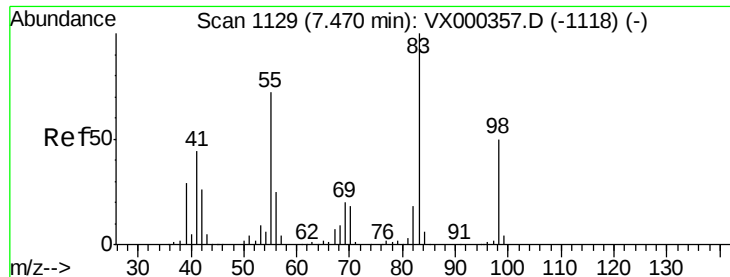


Abundance Ion 116.80 (116.50 to 117.50): VX000357.D (-843) (-)

Ion 118.80 (118.50 to 119.50): VX000357.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX000357.D (-843) (-)

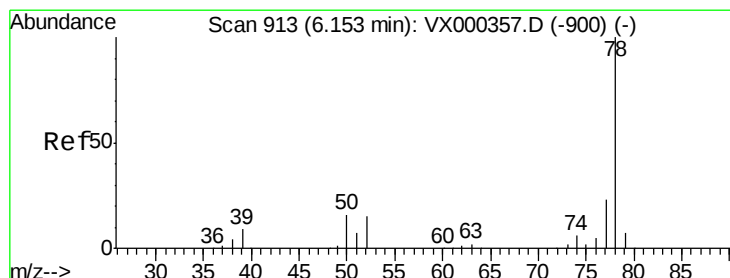
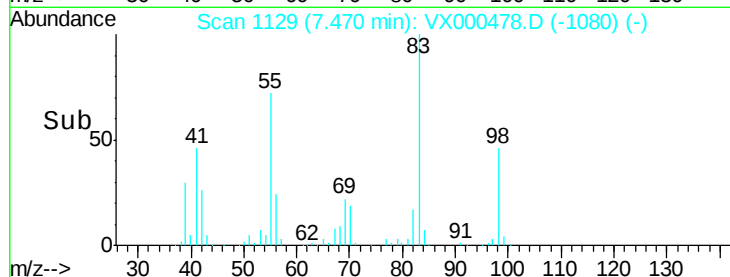
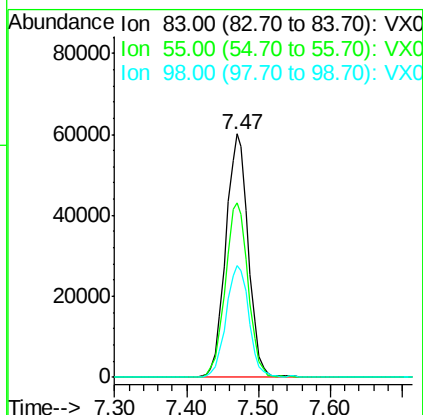
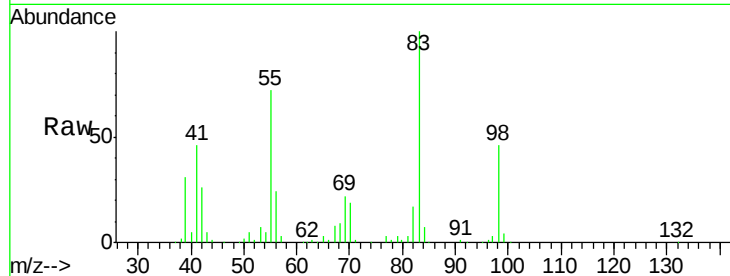




#39
Methylcyclohexane
Concen: 52.51 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

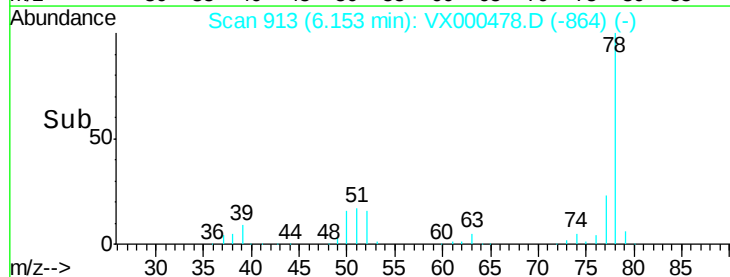
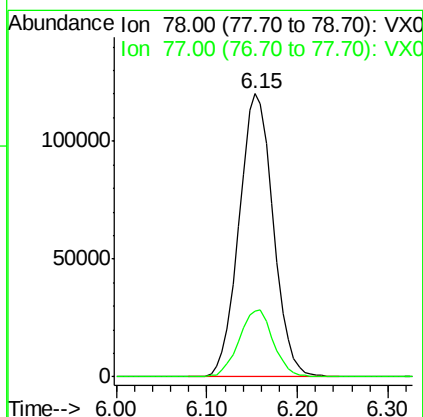
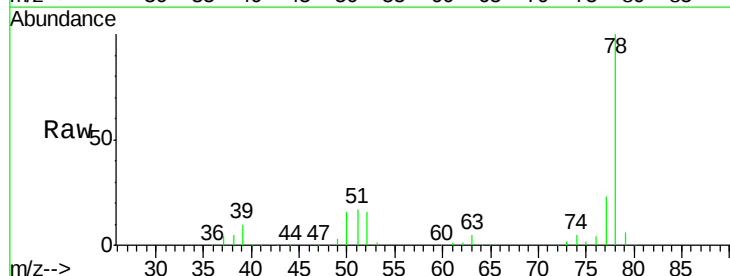
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

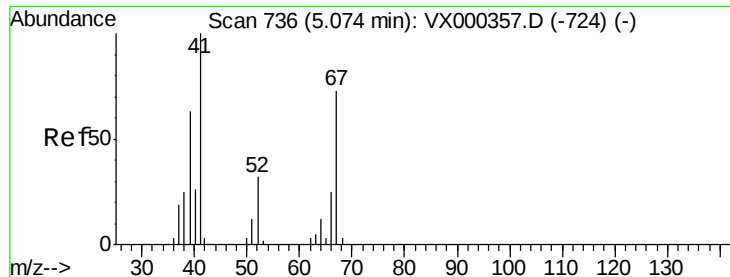
Tgt Ion: 83 Resp: 131182
Ion Ratio Lower Upper
83 100
55 71.9 55.5 83.3
98 46.1 38.2 57.4



#40
Benzene
Concen: 52.62 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

Tgt Ion: 78 Resp: 313896
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1

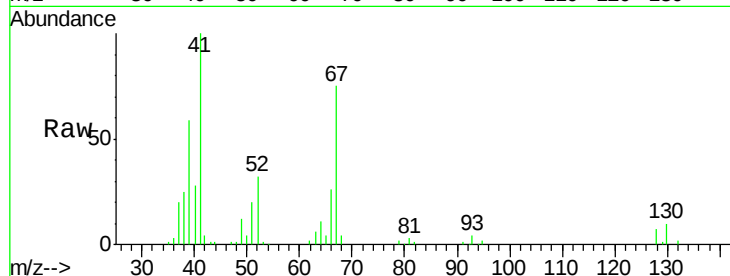




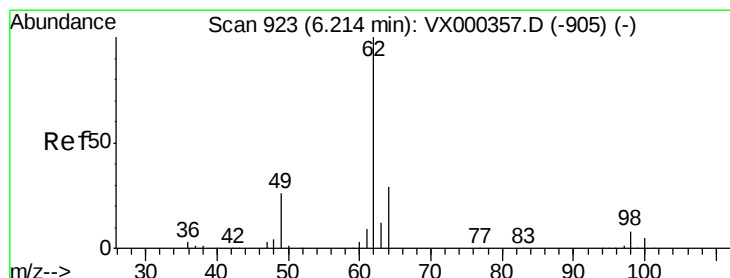
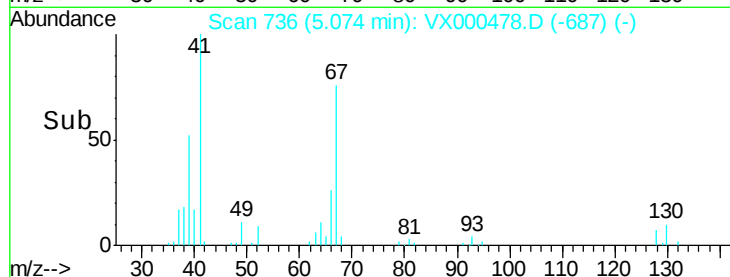
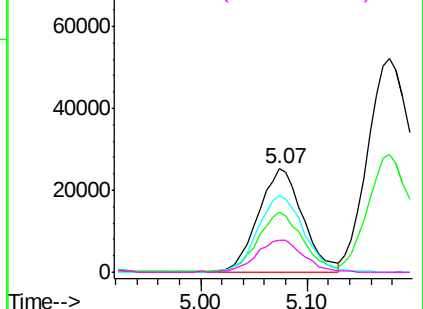
#41
Methacrylonitrile
Concen: 49.94 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	73882
Ion	Ratio	Lower	Upper
41	100		
39	55.9	45.7	68.5
67	75.7	57.8	86.8
52	33.1	26.7	40.1

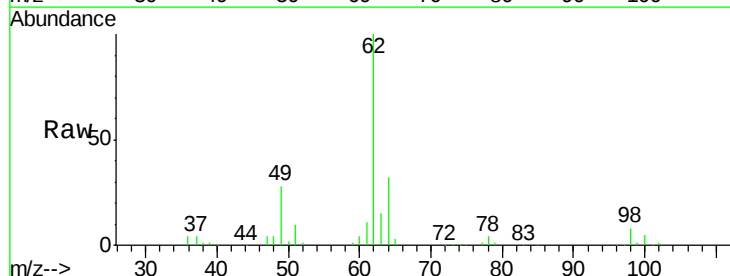


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

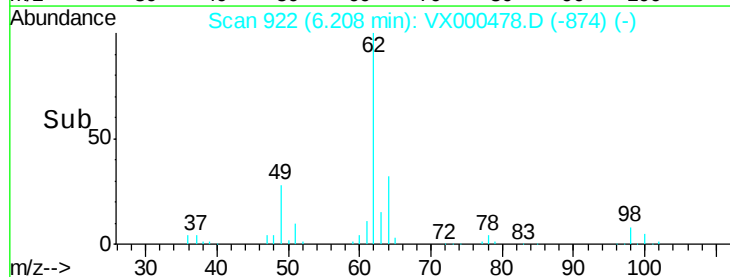
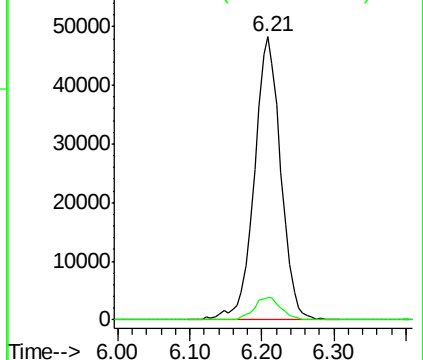


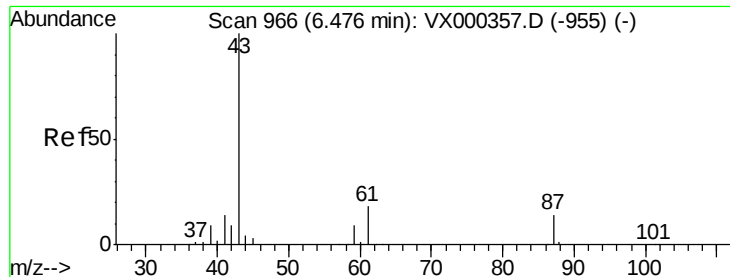
#42
1,2-Dichloroethane
Concen: 52.48 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

Tgt Ion:	62	Resp:	122838
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	15.8



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





#43

Isopropyl Acetate

Concen: 53.55 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

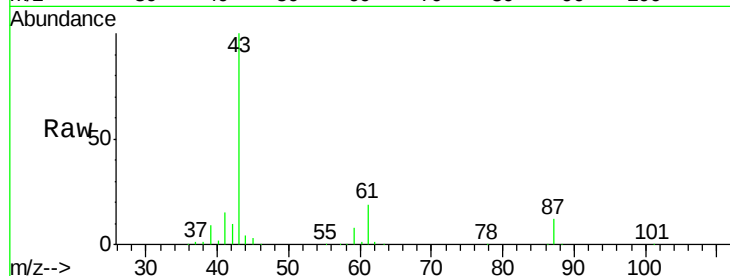
Tgt Ion: 43 Resp: 223686

Ion Ratio Lower Upper

43 100

61 18.1 14.4 21.6

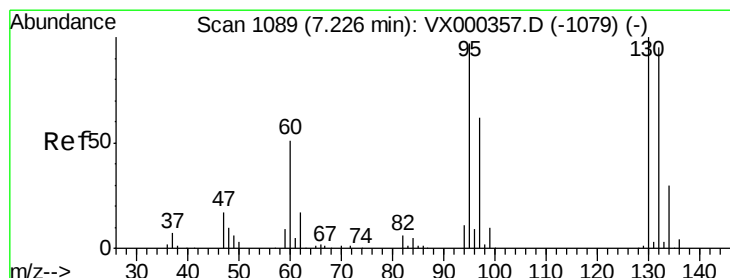
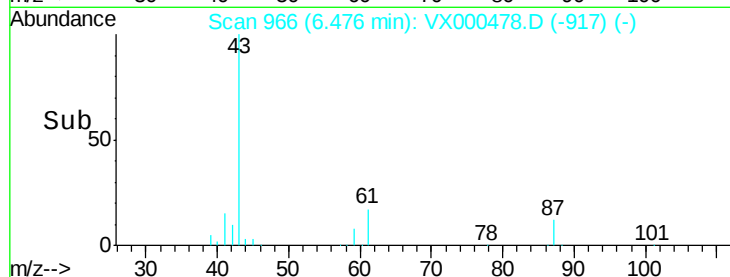
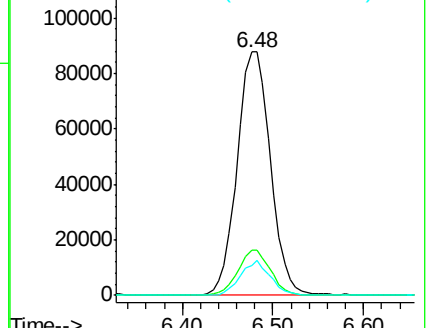
87 12.9 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX000478.D (-917) (-)

Ion 61.00 (60.70 to 61.70): VX000478.D (-917) (-)

Ion 87.00 (86.70 to 87.70): VX000478.D (-917) (-)



#44

Trichloroethene

Concen: 50.75 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000478.D

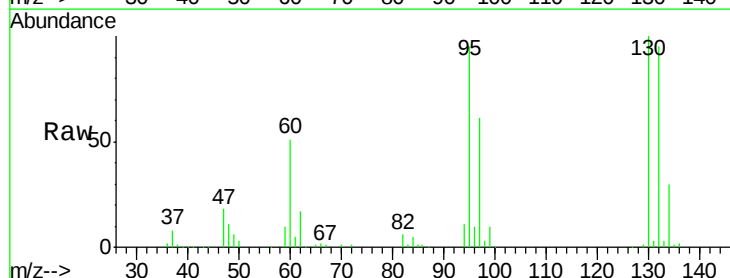
Acq: 27 Mar 2018 23:43

Tgt Ion: 130 Resp: 86735

Ion Ratio Lower Upper

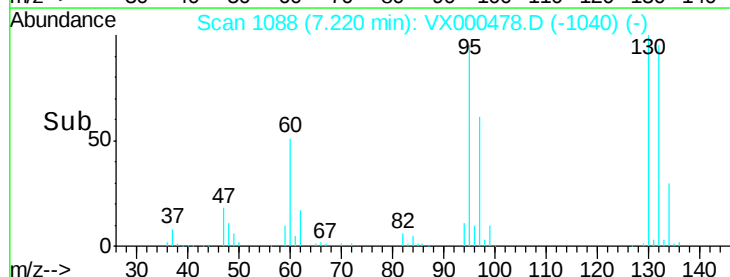
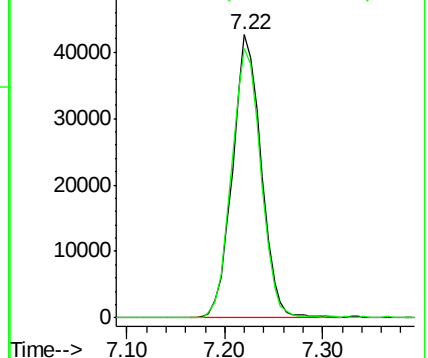
130 100

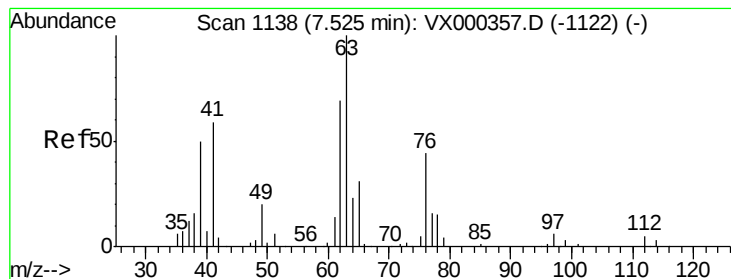
95 95.2 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): VX000478.D (-1040) (-)

Ion 94.90 (94.60 to 95.60): VX000478.D (-1040) (-)





#45

1,2-Dichloropropane

Concen: 54.72 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

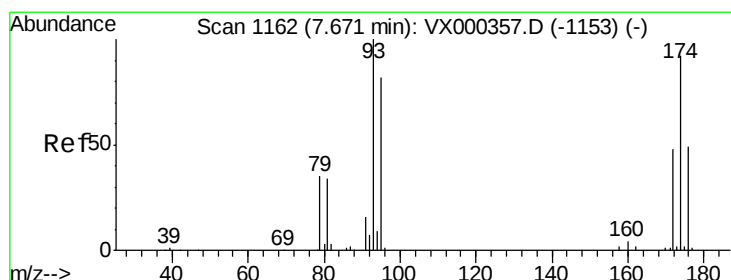
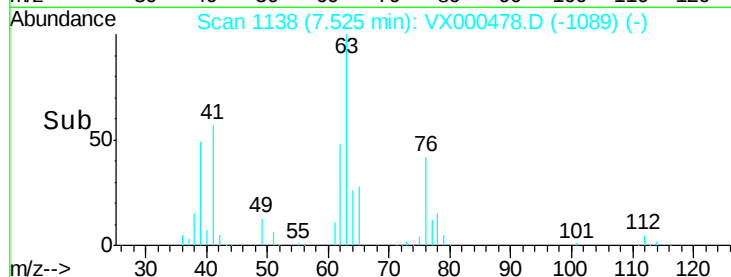
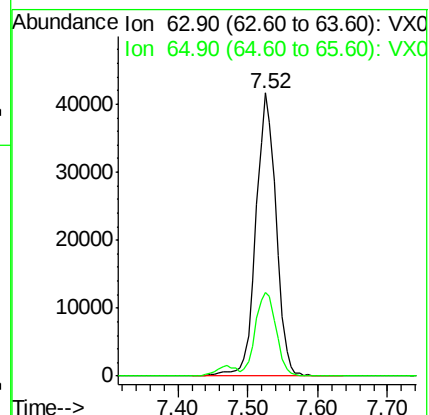
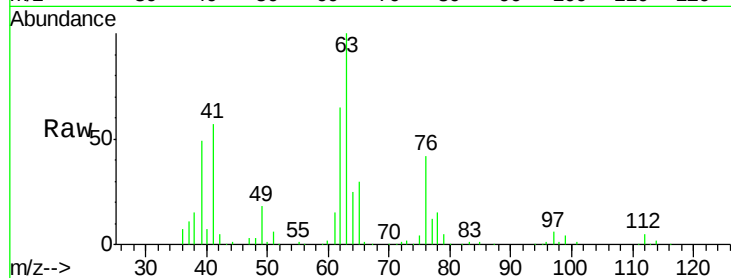
VSTDCCC050EC

Tgt Ion: 63 Resp: 83559

Ion Ratio Lower Upper

63 100

65 29.6 24.6 36.8



#46

Dibromomethane

Concen: 52.59 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

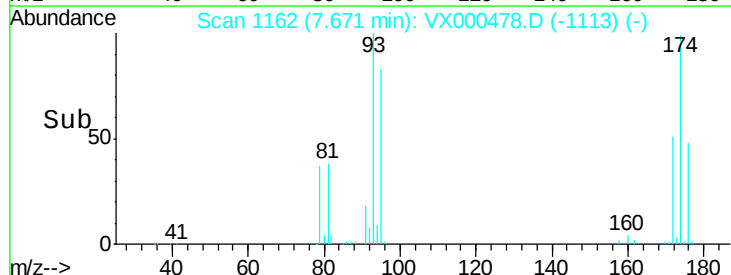
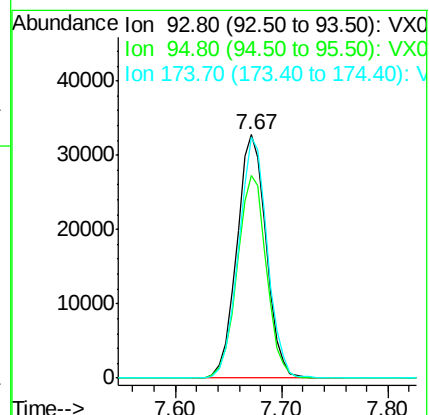
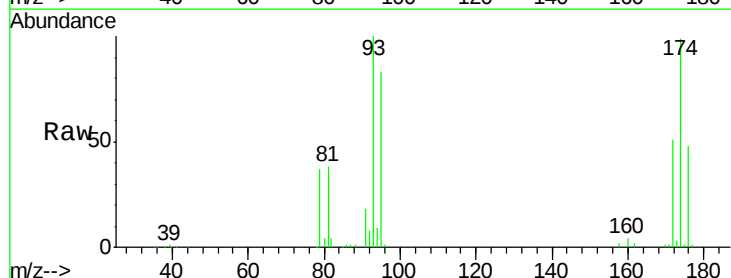
Tgt Ion: 93 Resp: 63038

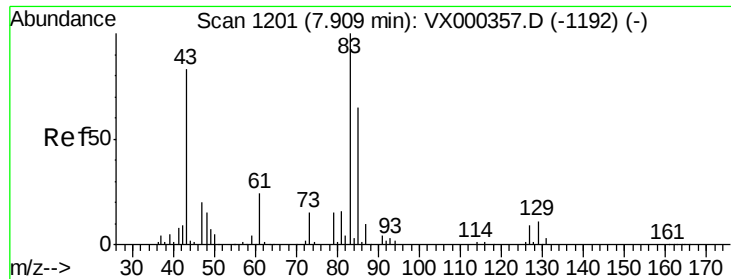
Ion Ratio Lower Upper

93 100

95 83.1 66.5 99.7

174 97.2 76.0 114.0





#47

Bromodichloromethane

Concen: 55.66 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

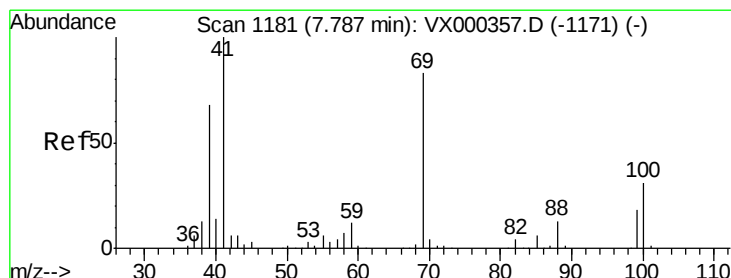
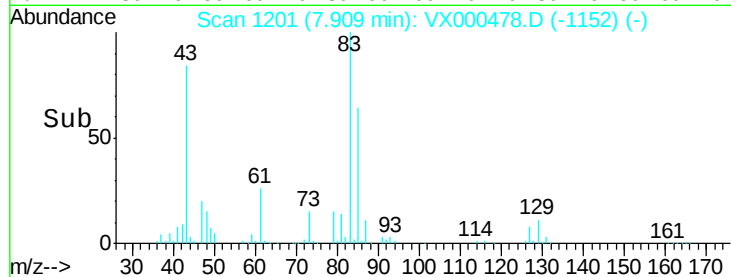
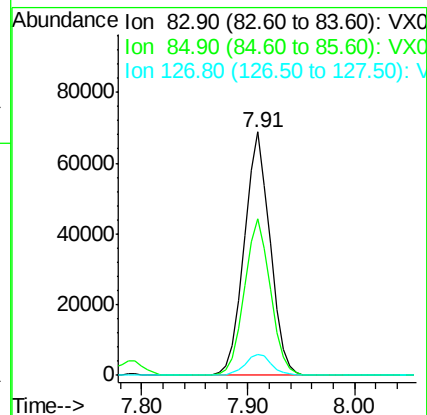
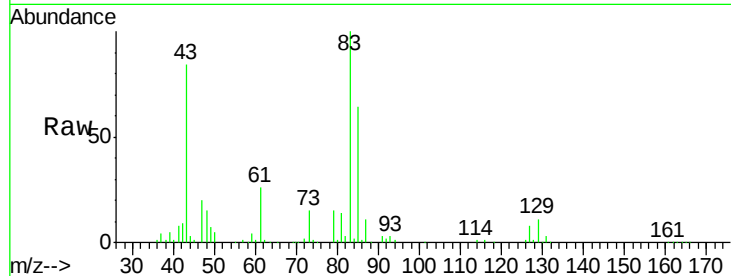
Tgt Ion: 83 Resp: 117379

Ion Ratio Lower Upper

83 100

85 64.4 51.4 77.0

127 8.4 7.0 10.6



#48

Methyl methacrylate

Concen: 55.90 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

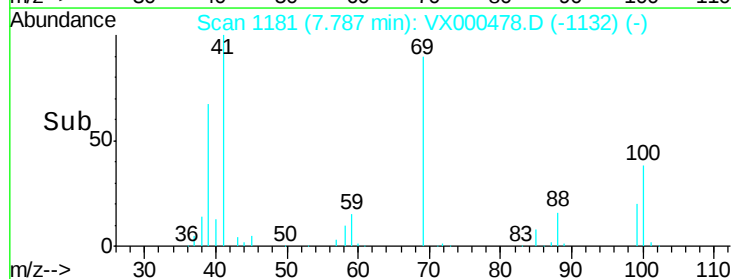
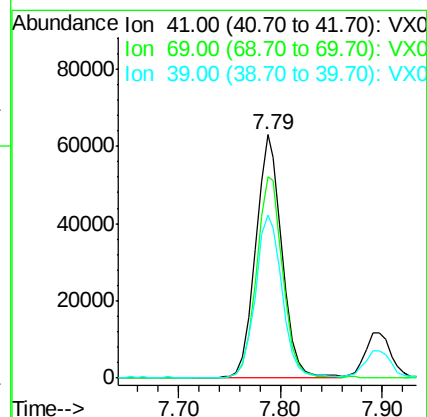
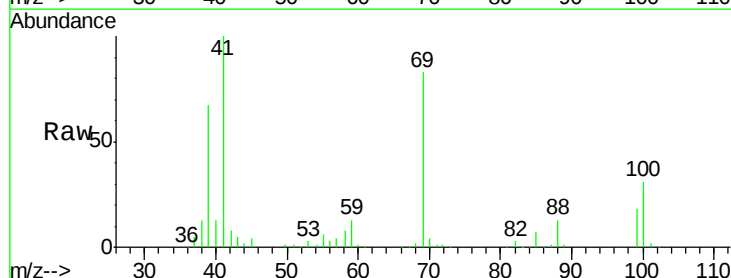
Tgt Ion: 41 Resp: 113356

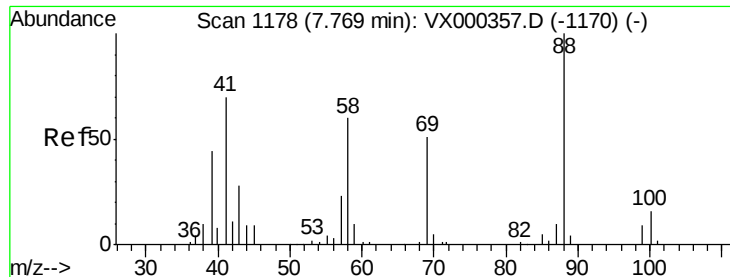
Ion Ratio Lower Upper

41 100

69 83.4 68.2 102.4

39 67.5 54.6 81.8

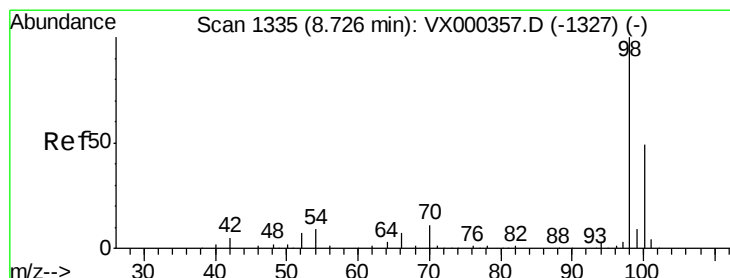
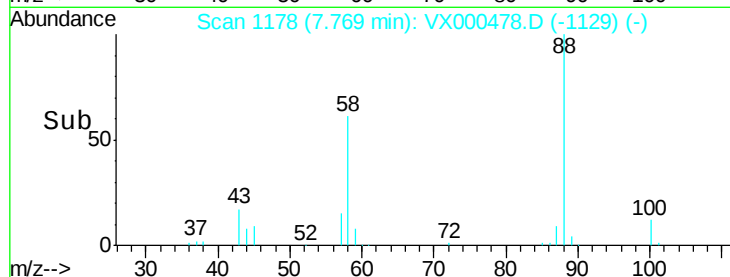
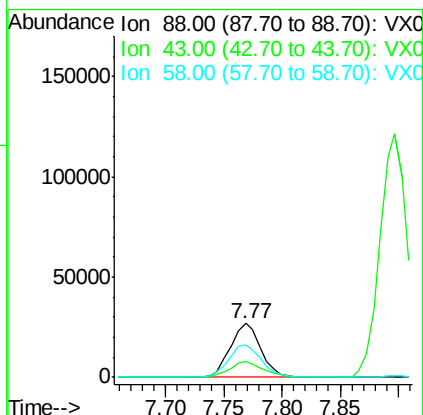
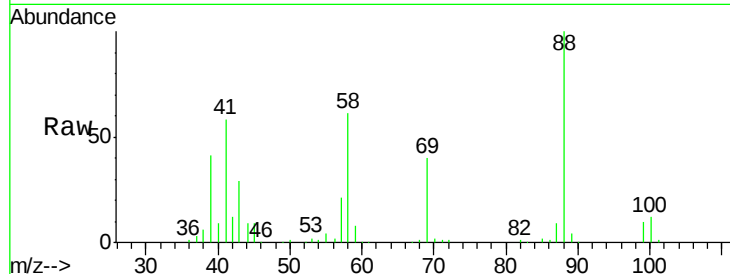




#49
1,4-Dioxane
Concen: 1167.16 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

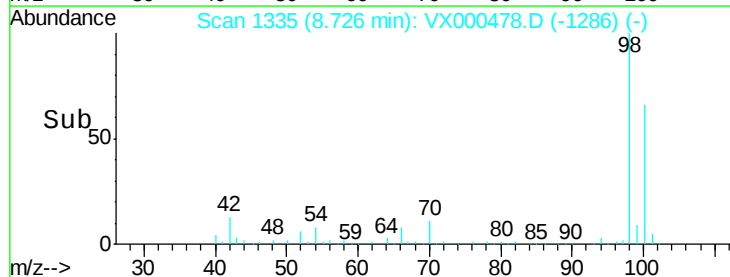
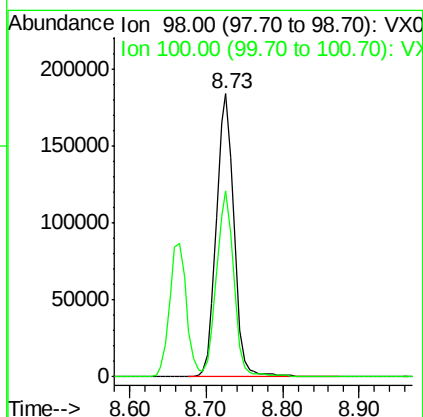
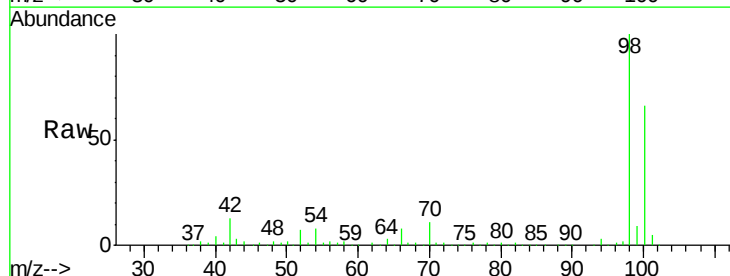
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

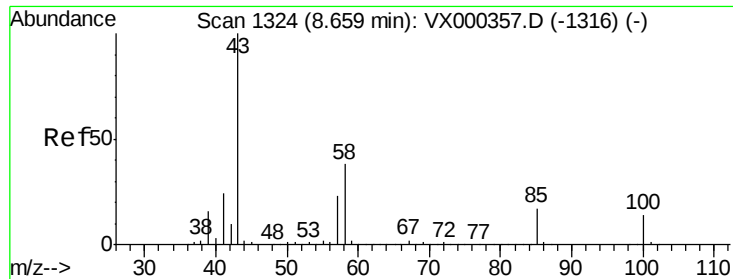
Tgt Ion: 88 Resp: 49750
Ion Ratio Lower Upper
88 100
43 32.9 26.8 40.2
58 64.1 52.2 78.2



#50
Toluene-d8
Concen: 51.07 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

Tgt Ion: 98 Resp: 292257
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 278.76 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

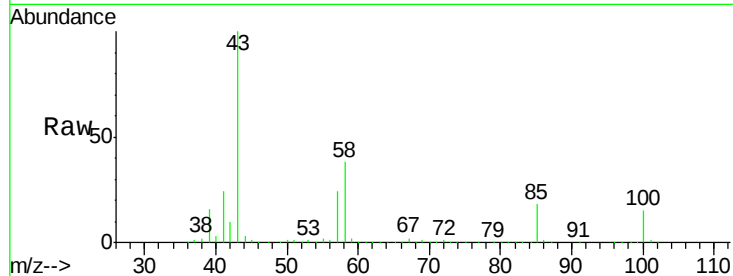
VSTDCCC050EC

Tgt Ion: 43 Resp: 901244

Ion Ratio Lower Upper

43 100

58 38.8 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

600000

500000

400000

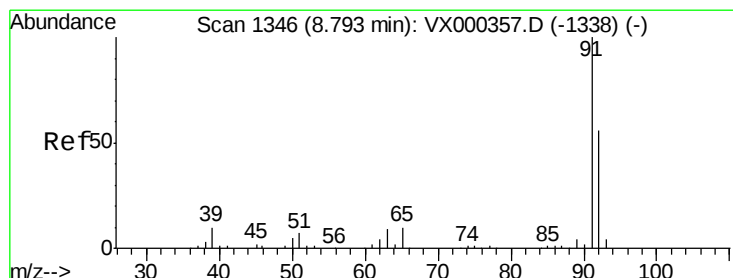
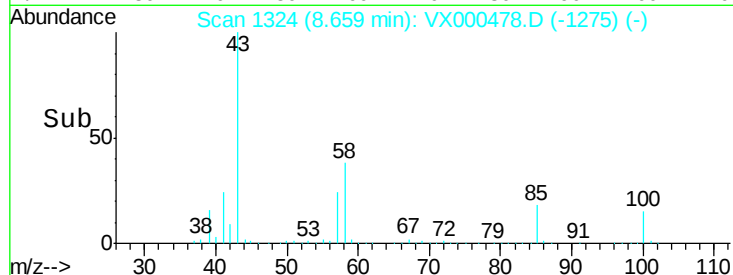
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 55.53 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000478.D

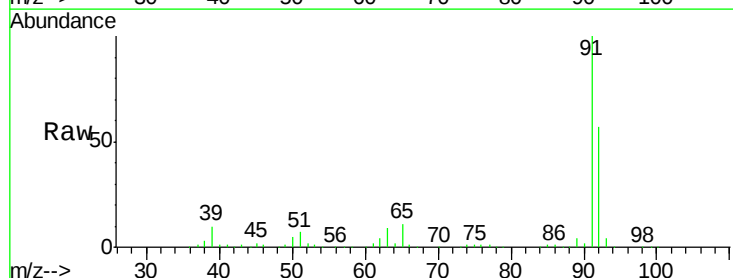
Acq: 27 Mar 2018 23:43

Tgt Ion: 92 Resp: 231568

Ion Ratio Lower Upper

92 100

91 174.0 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

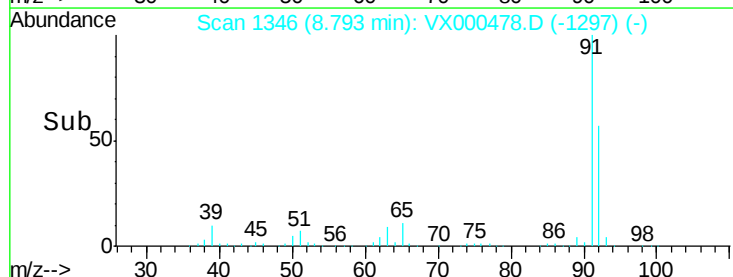
150000

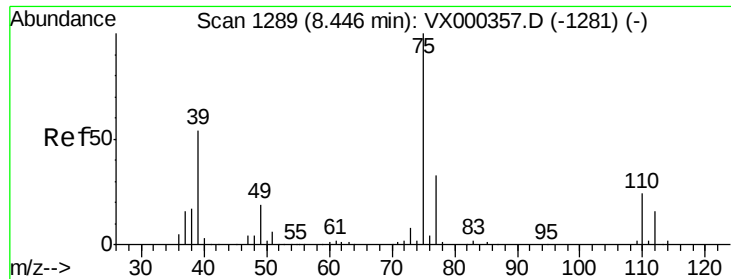
100000

50000

0

Time--> 8.70 8.80 8.90





#53

t-1,3-Dichloropropene

Concen: 54.13 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

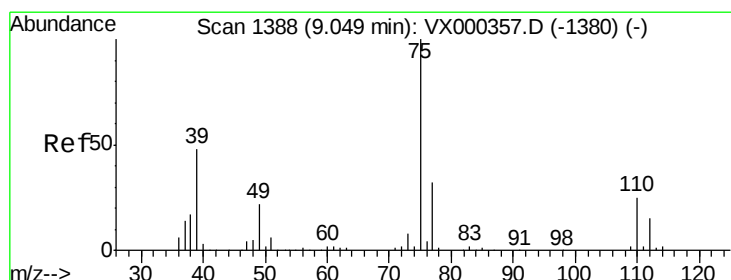
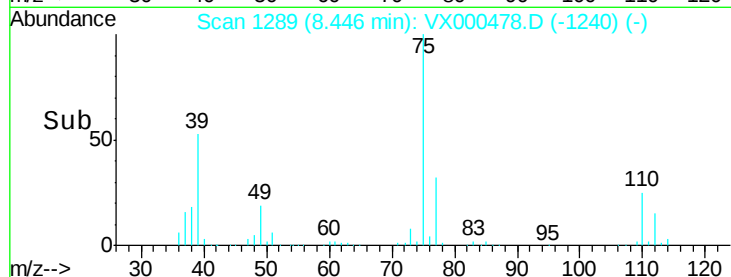
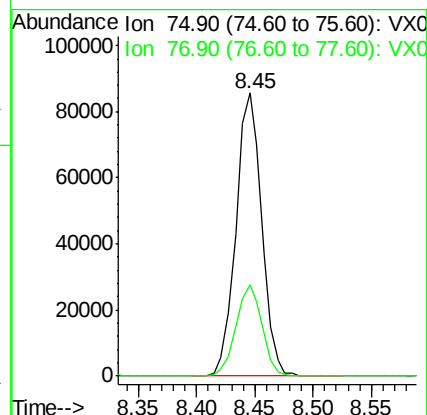
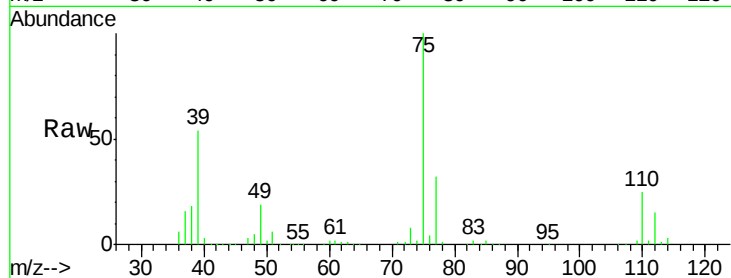
VSTDCCC050EC

Tgt Ion: 75 Resp: 132274

Ion Ratio Lower Upper

75 100

77 32.3 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 58.09 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

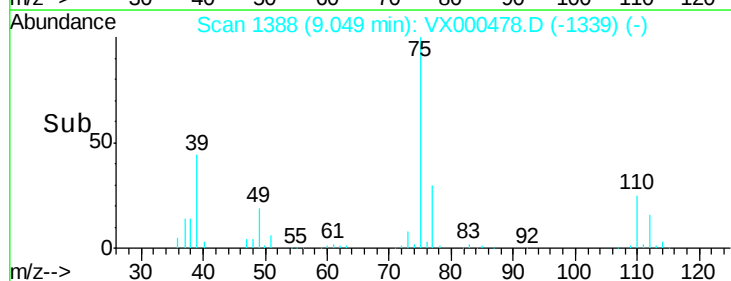
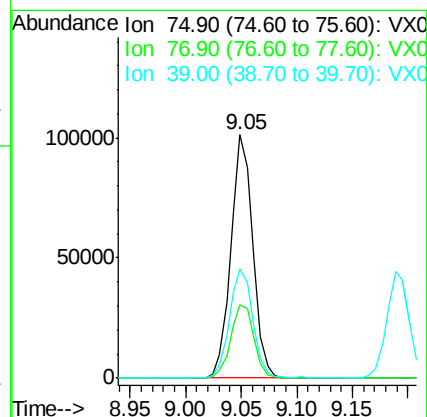
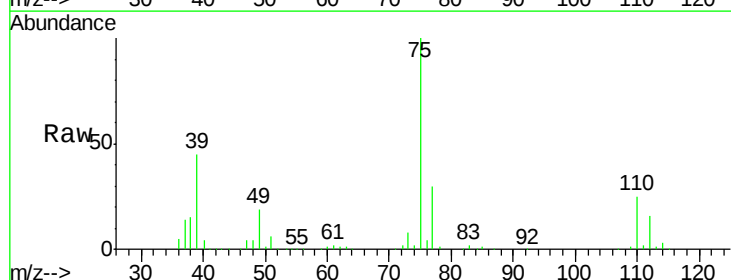
Tgt Ion: 75 Resp: 137704

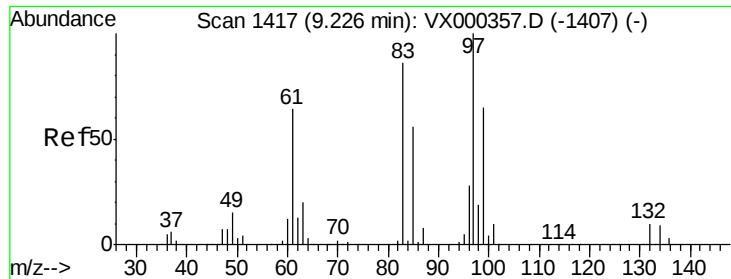
Ion Ratio Lower Upper

75 100

77 30.3 26.1 39.1

39 44.6 39.8 59.6

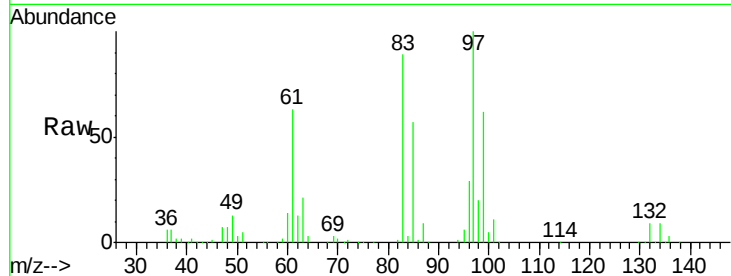




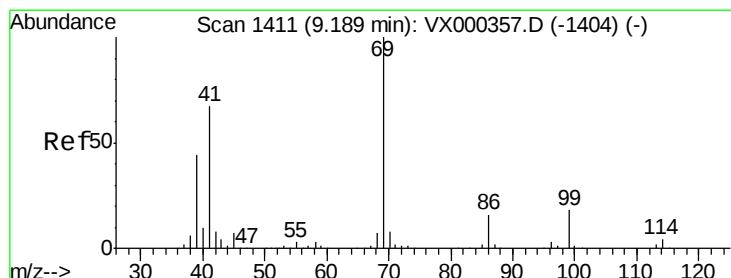
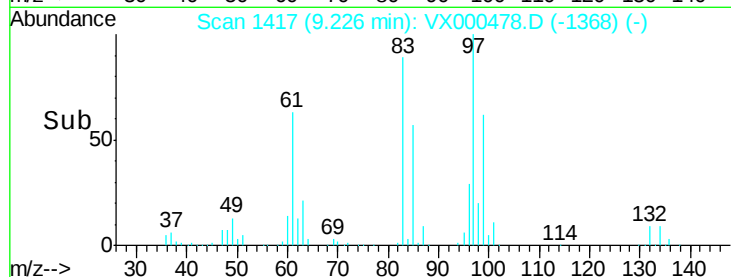
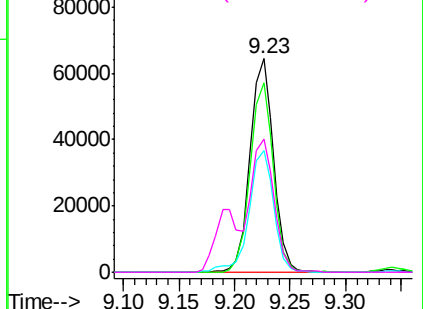
#55
 1,1,2-Trichloroethane
 Concen: 55.01 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000478.D
 Acq: 27 Mar 2018 23:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	94341
Ion	Ratio	Lower	Upper
97	100		
83	88.7	67.9	101.9
85	57.0	42.8	64.2
99	62.3	49.4	74.2

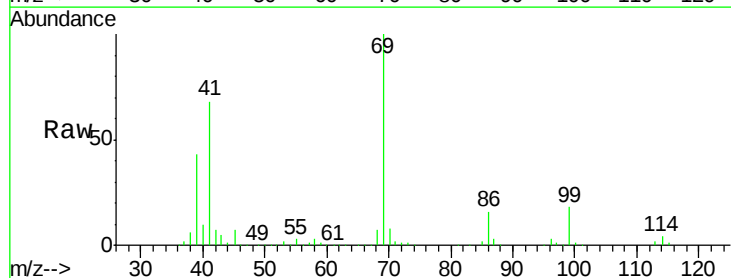


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

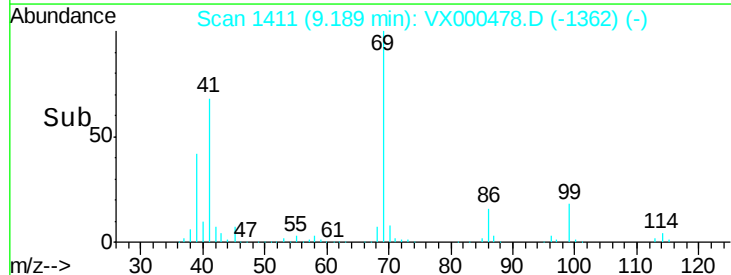
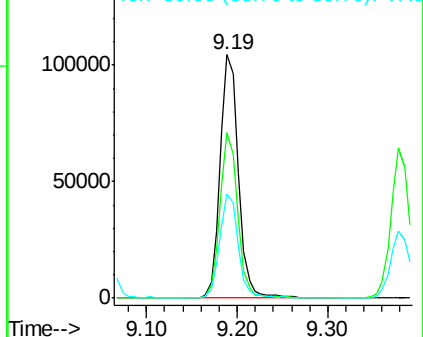


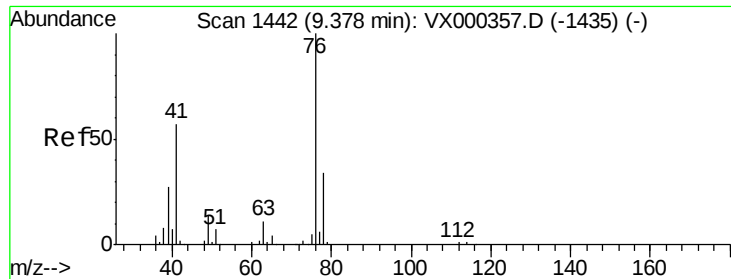
#56
 Ethyl methacrylate
 Concen: 56.74 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000478.D
 Acq: 27 Mar 2018 23:43

Tgt Ion:	69	Resp:	147457
Ion	Ratio	Lower	Upper
69	100		
41	65.8	53.0	79.6
39	43.2	35.3	52.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

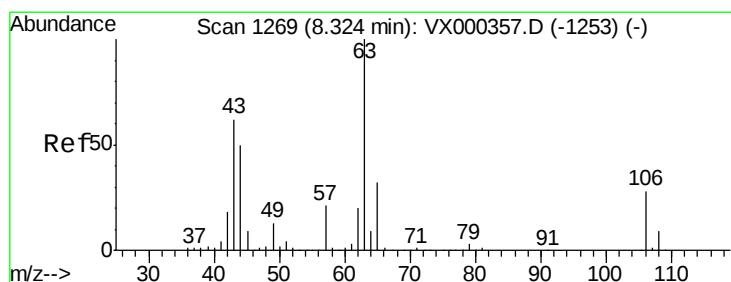
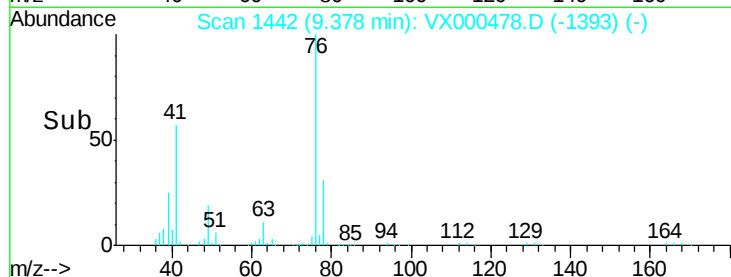
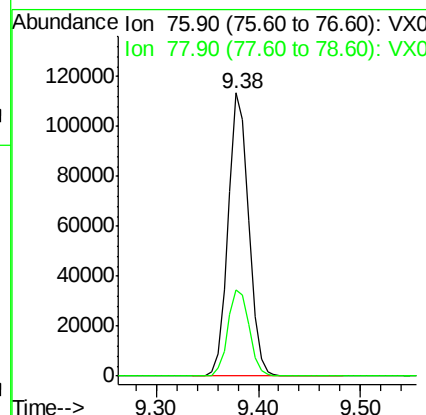
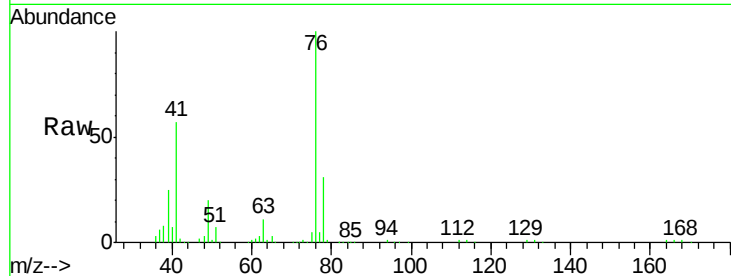




#57
 1,3-Dichloropropane
 Concen: 57.80 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000478.D
 Acq: 27 Mar 2018 23:43

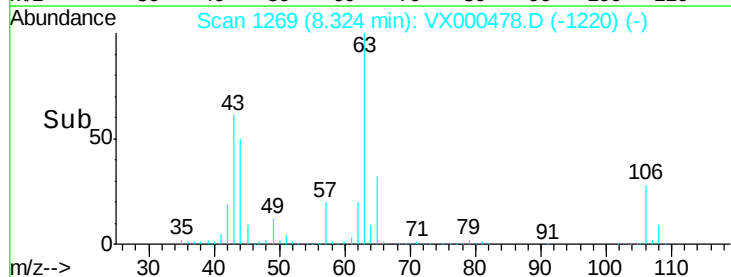
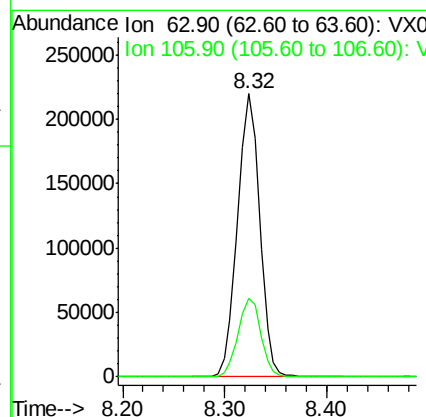
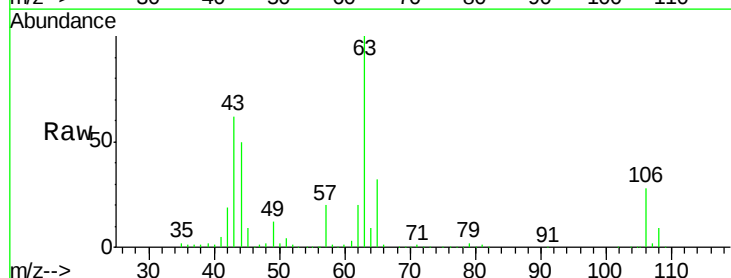
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

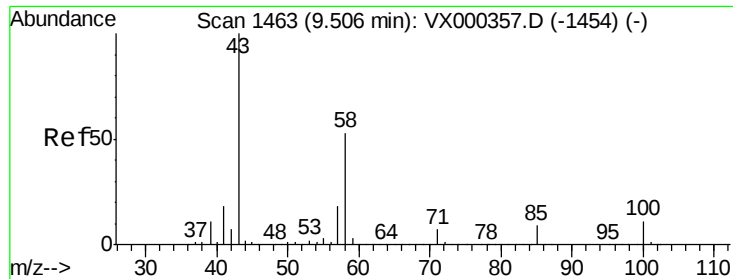
Tgt Ion: 76 Resp: 158547
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.38 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000478.D
 Acq: 27 Mar 2018 23:43

Tgt Ion: 63 Resp: 331009
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.2 34.8

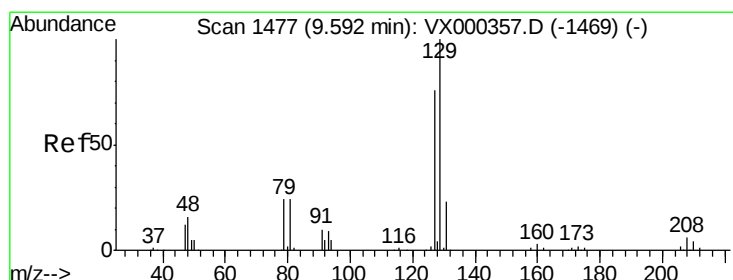
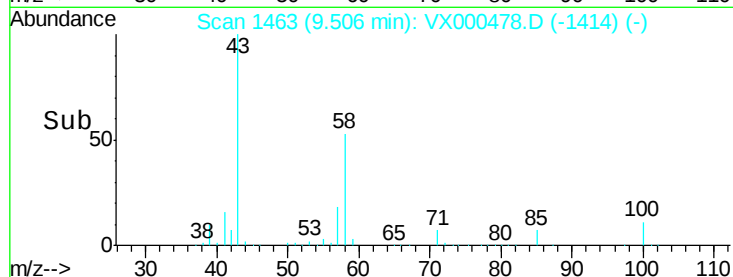
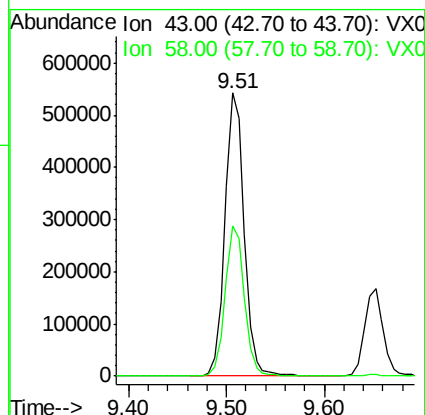
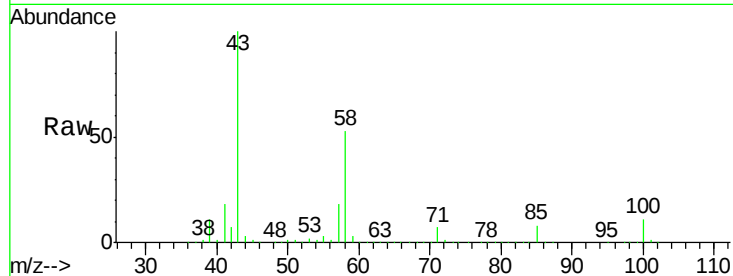




#59
2-Hexanone
Concen: 269.49 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

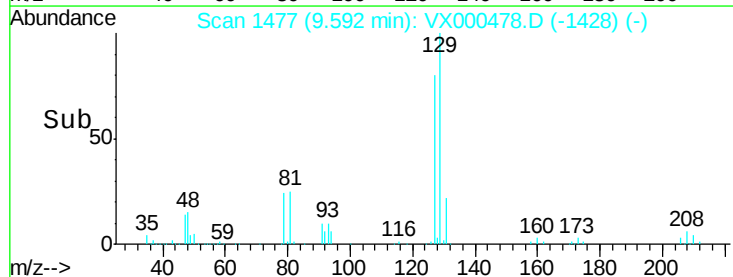
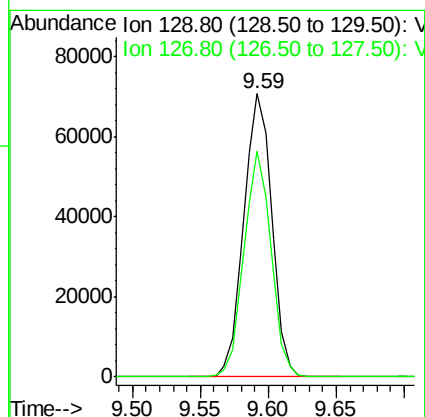
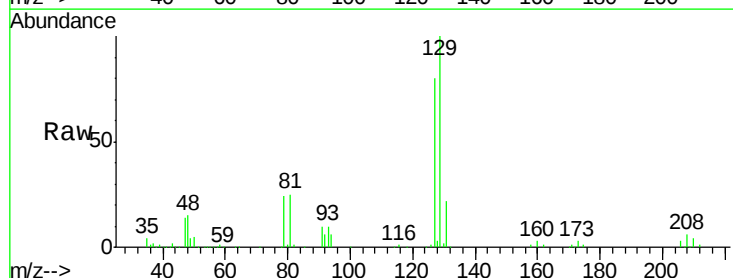
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

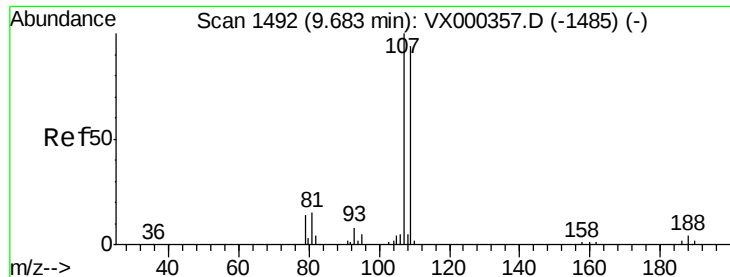
Tgt Ion: 43 Resp: 739825
Ion Ratio Lower Upper
43 100
58 53.3 26.6 79.7



#60
Dibromochloromethane
Concen: 50.42 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

Tgt Ion: 129 Resp: 102415
Ion Ratio Lower Upper
129 100
127 77.0 37.9 113.6





#61

1,2-Dibromoethane

Concen: 56.40 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

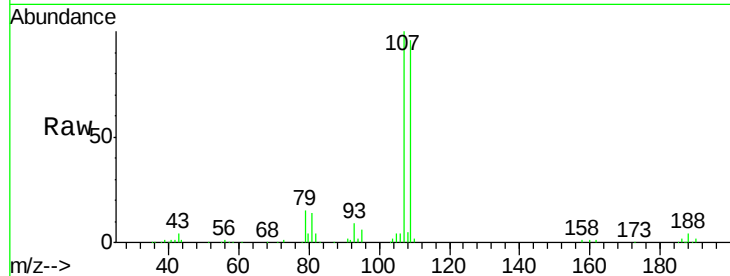
VSTDCCC050EC

Tgt Ion: 107 Resp: 103736

Ion Ratio Lower Upper

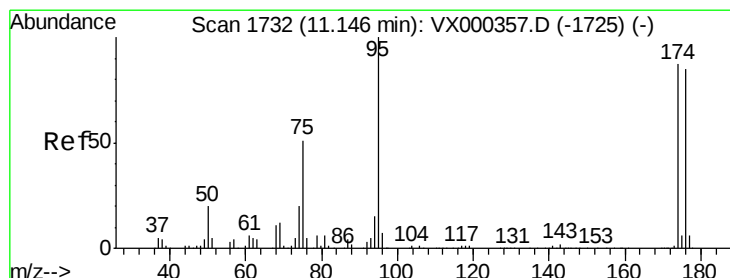
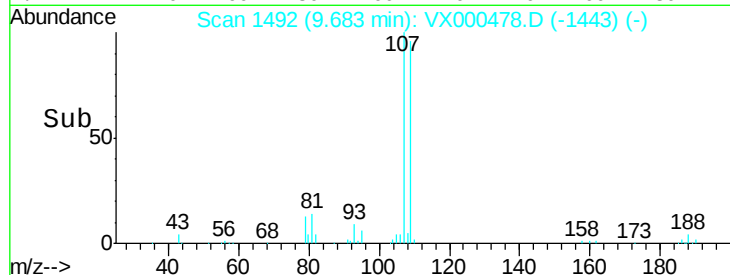
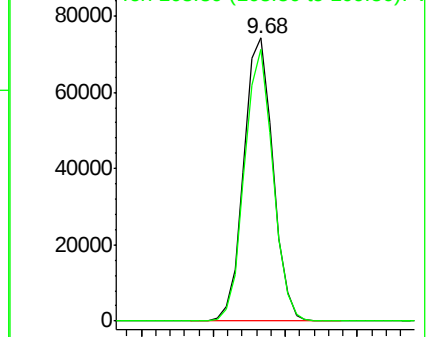
107 100

109 94.1 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.24 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

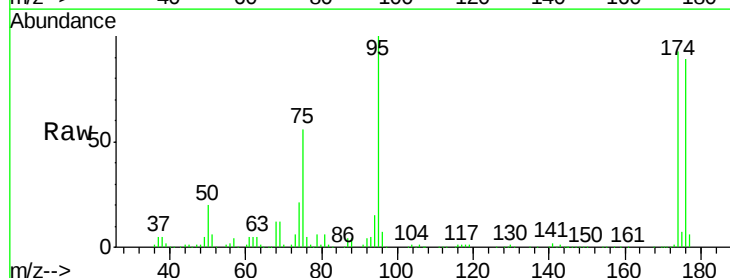
Tgt Ion: 95 Resp: 110544

Ion Ratio Lower Upper

95 100

174 90.4 0.0 173.6

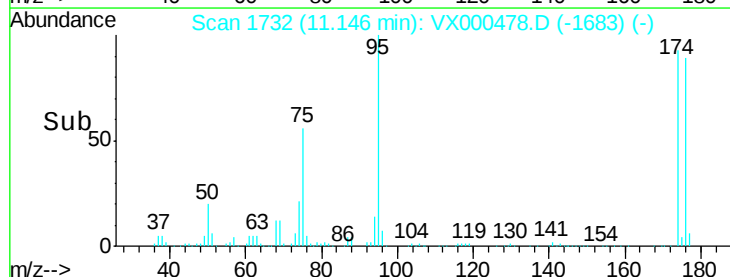
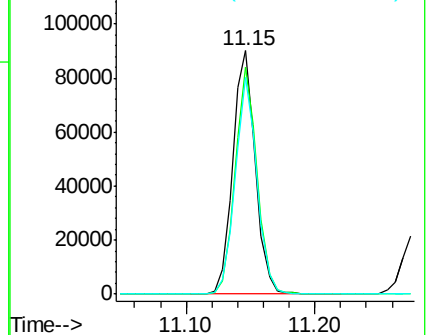
176 86.0 0.0 164.6

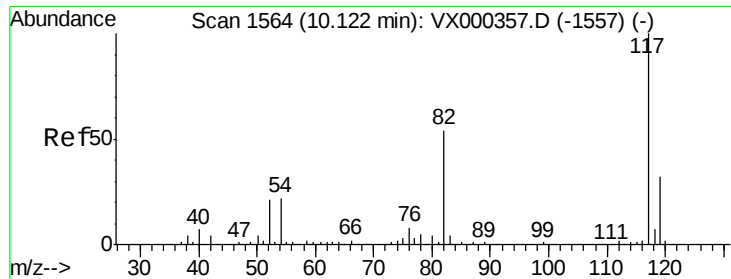


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

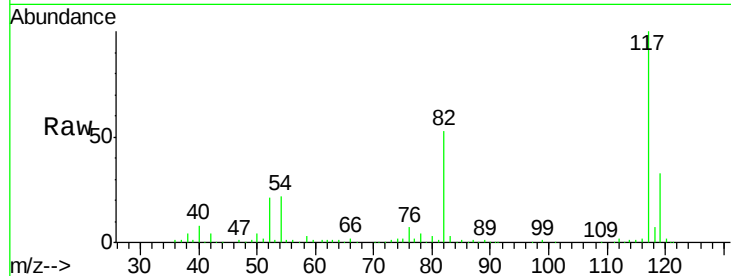




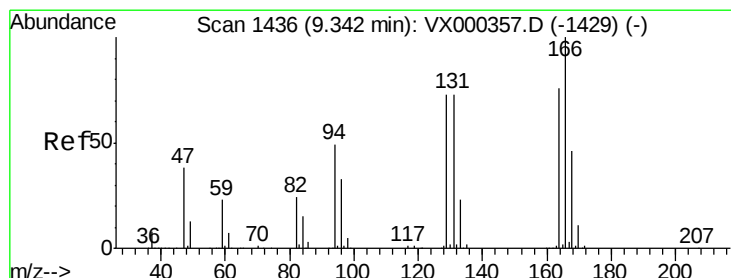
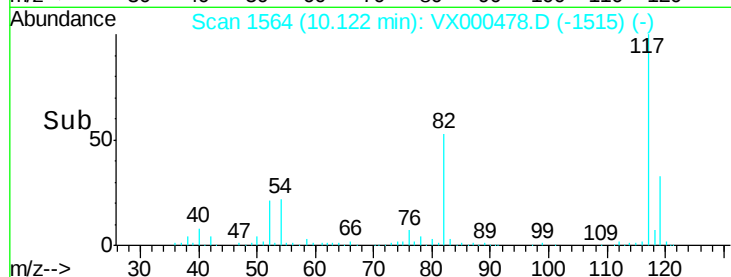
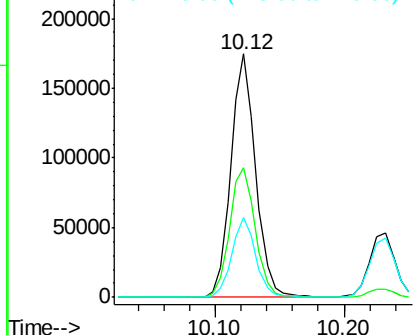
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 23516
Ion Ratio Lower Upper
117 100
82 53.5 43.8 65.8
119 32.9 24.9 37.3



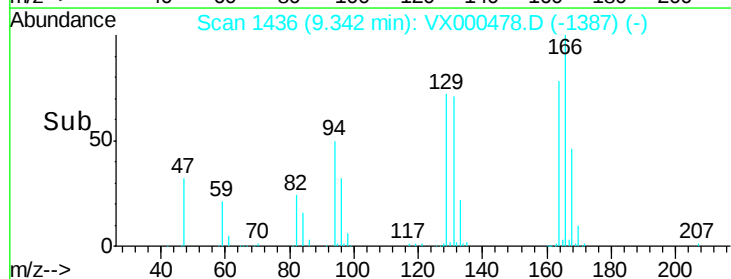
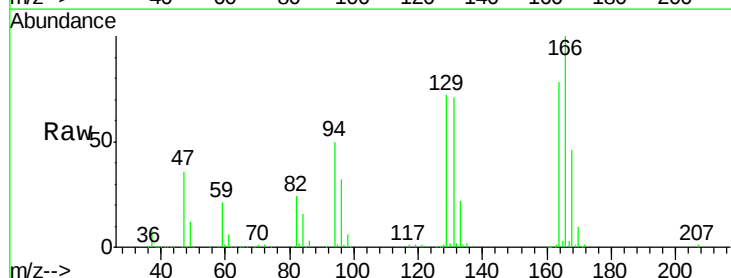
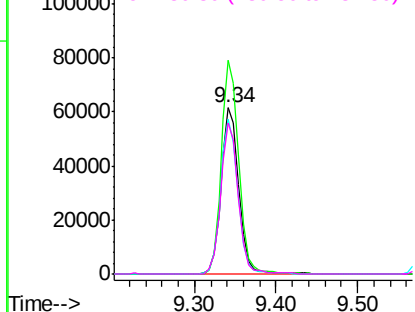
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

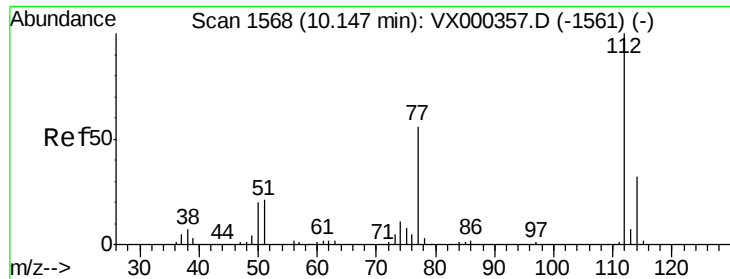


#64
Tetrachloroethene
Concen: 50.83 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

Tgt Ion:164 Resp: 92897
Ion Ratio Lower Upper
164 100
166 128.4 101.0 151.6
129 92.8 79.0 118.4
131 90.8 71.9 107.9

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

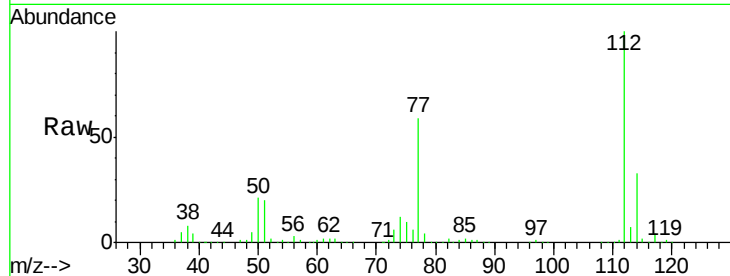




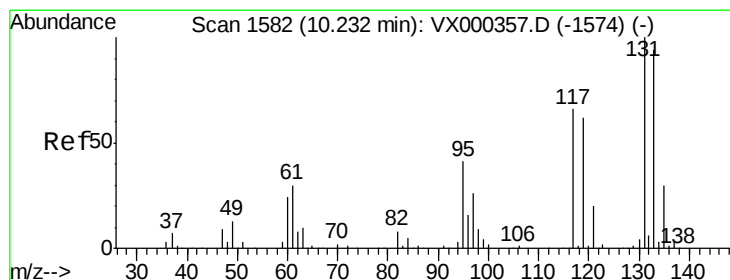
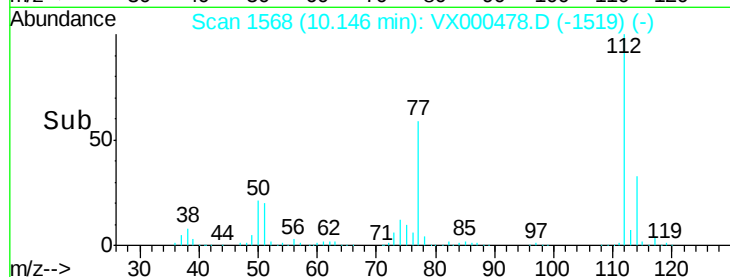
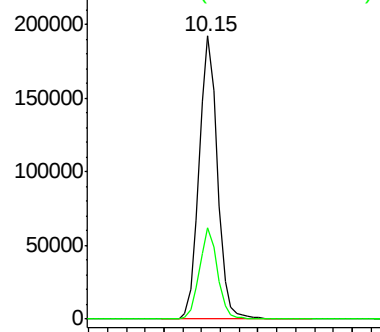
#65
Chlorobenzene
Concen: 49.61 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 260032
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

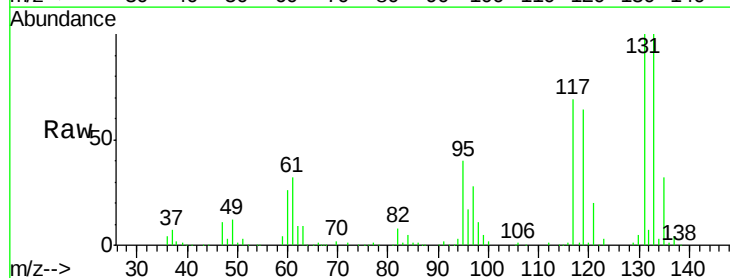


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

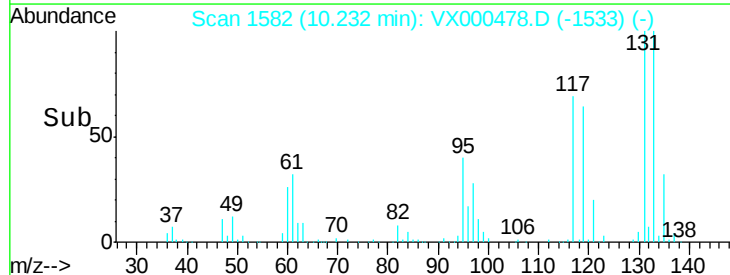
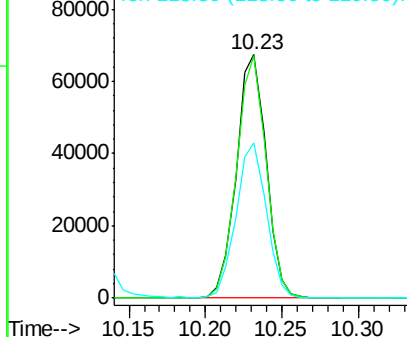


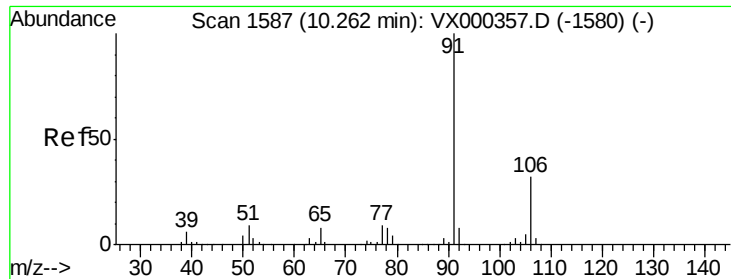
#66
1,1,1,2-Tetrachloroethane
Concen: 51.25 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

Tgt Ion:131 Resp: 91221
Ion Ratio Lower Upper
131 100
133 97.9 47.1 141.3
119 64.8 33.1 99.2



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

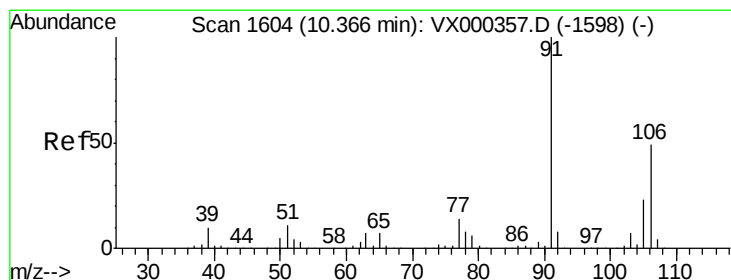
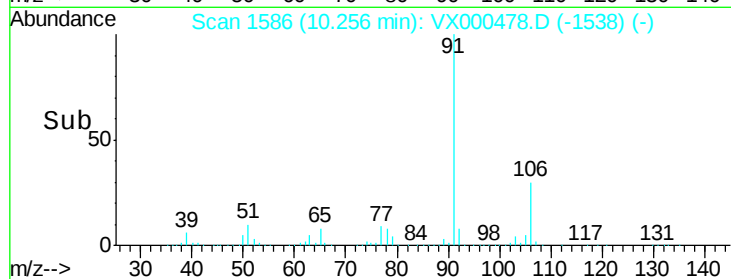
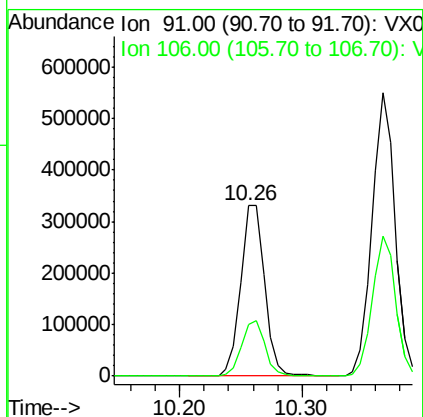
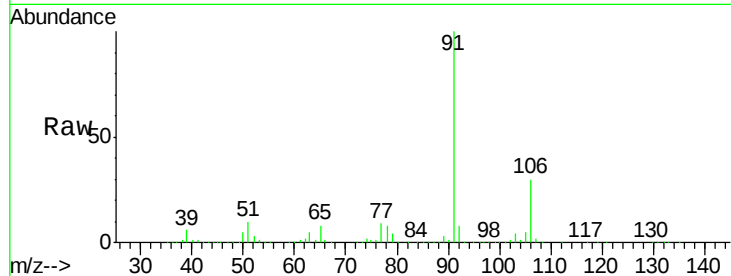




#67
Ethyl Benzene
Concen: 50.73 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

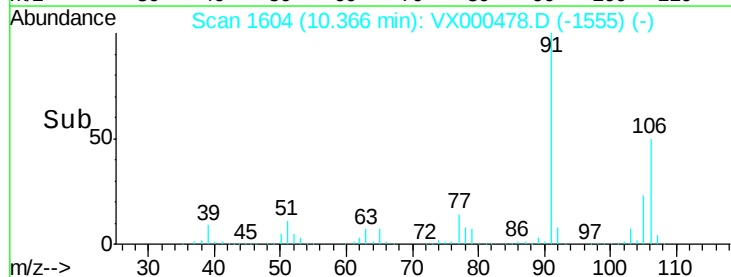
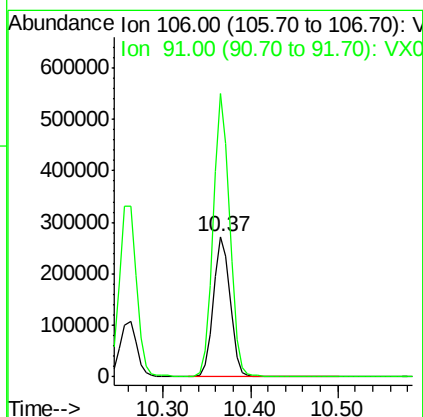
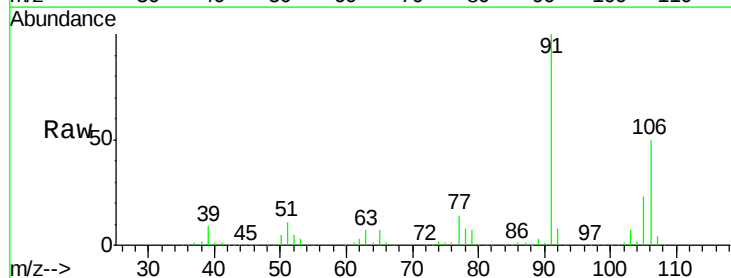
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

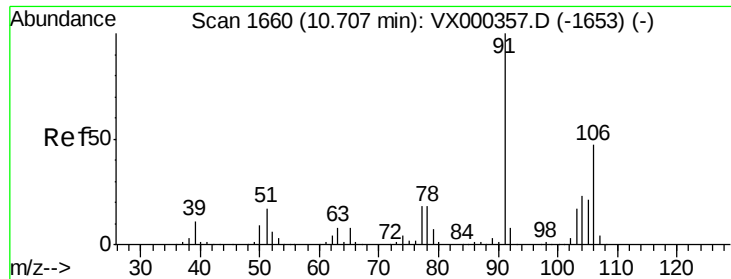
Tgt Ion: 91 Resp: 450754
Ion Ratio Lower Upper
91 100
106 30.1 25.0 37.6



#68
m/p-Xylenes
Concen: 103.83 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

Tgt Ion: 106 Resp: 363023
Ion Ratio Lower Upper
106 100
91 200.0 163.4 245.2

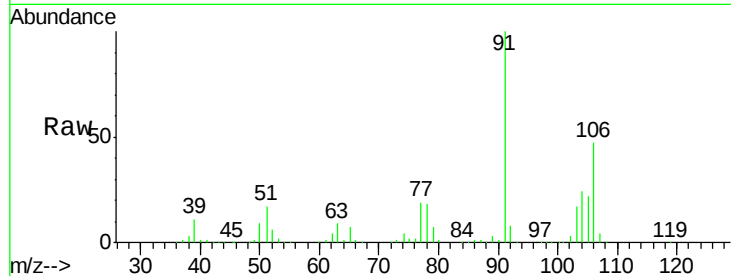




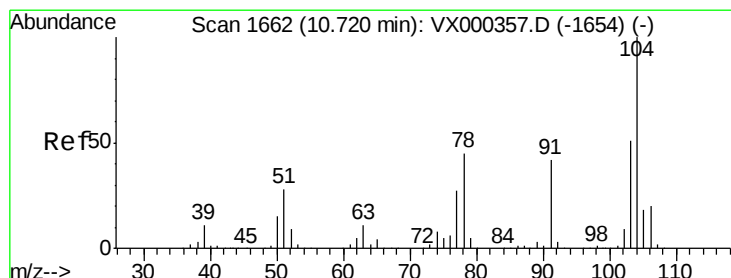
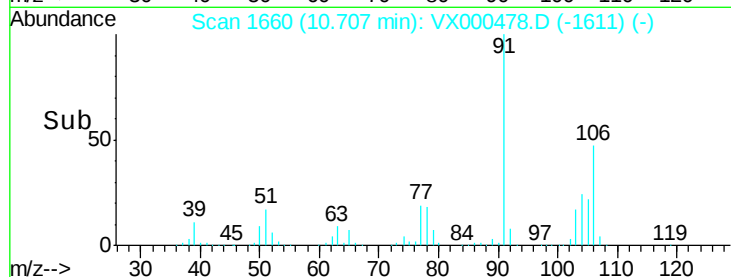
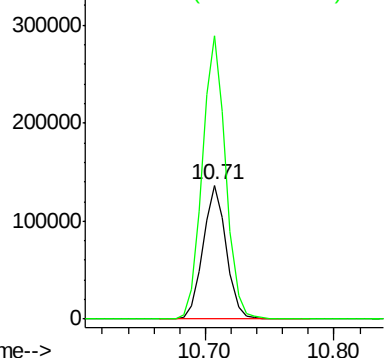
#69
o-Xylene
Concen: 51.03 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 172750
Ion Ratio Lower Upper
106 100
91 213.2 106.5 319.6

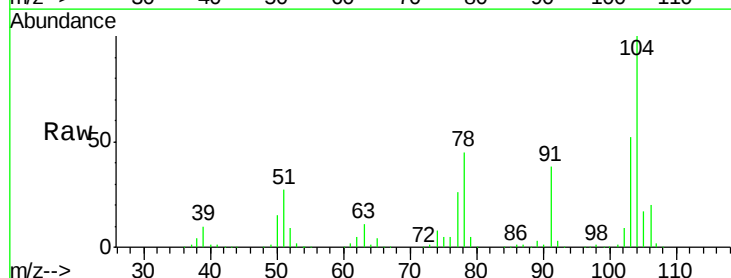


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

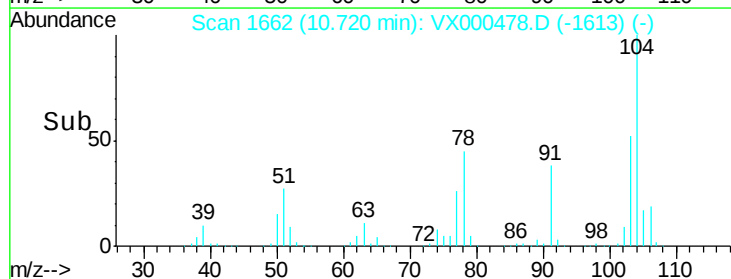
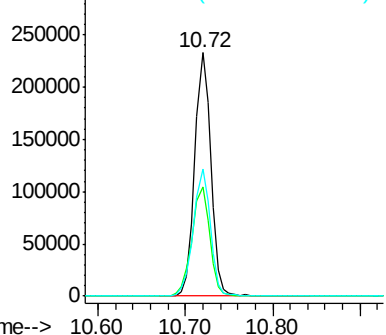


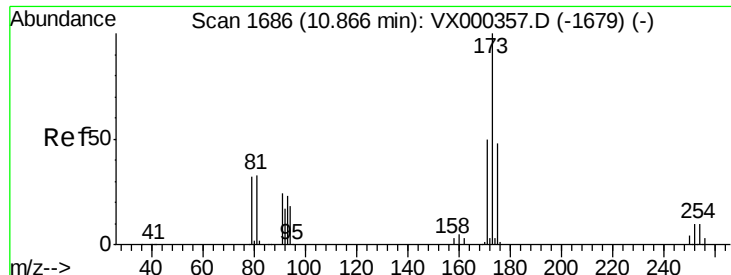
#70
Styrene
Concen: 53.06 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

Tgt Ion:104 Resp: 297181
Ion Ratio Lower Upper
104 100
78 49.7 40.5 60.7
103 55.3 45.7 68.5



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





#71

Bromoform

Concen: 43.19 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

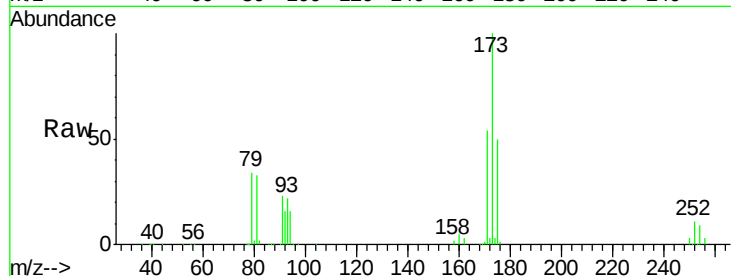
Tgt Ion:173 Resp: 78782

Ion Ratio Lower Upper

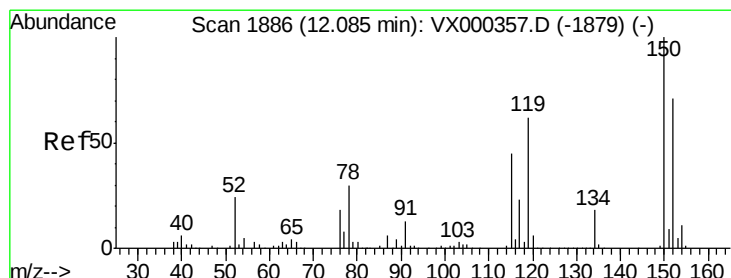
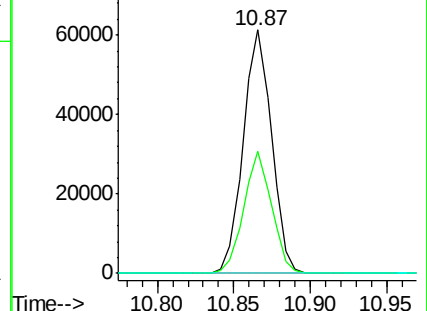
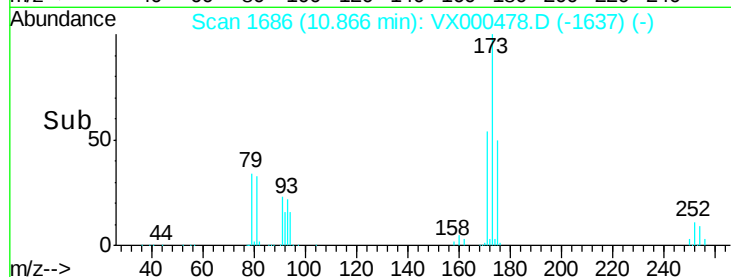
173 100

175 49.1 25.4 76.4

254 0.0 0.0 0.0#



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

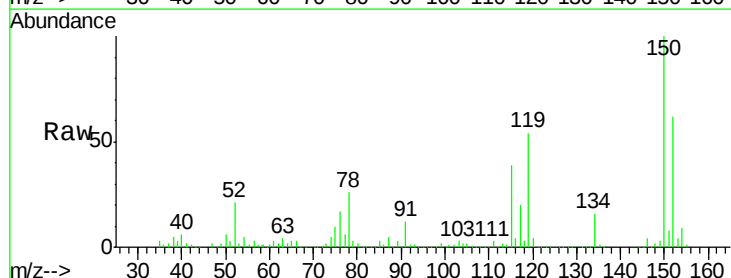
Tgt Ion:152 Resp: 148480

Ion Ratio Lower Upper

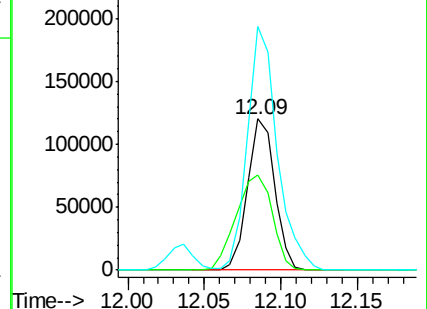
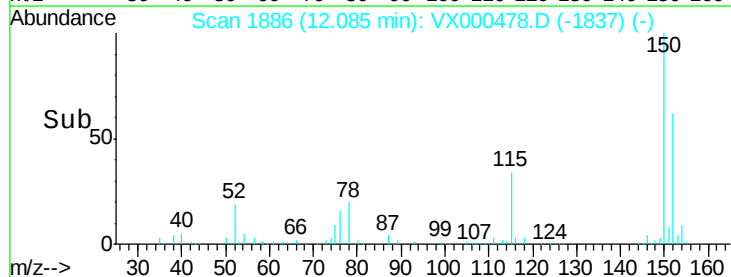
152 100

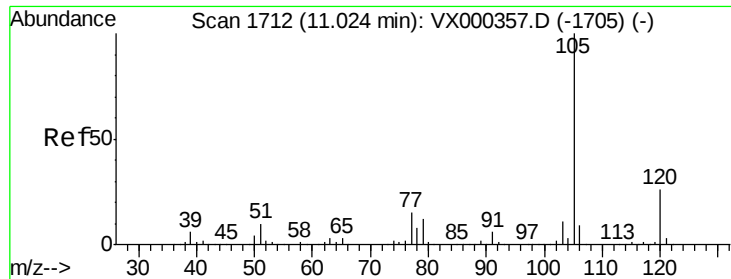
115 83.8 39.8 119.3

150 176.5 0.0 344.4



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: 48.17 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

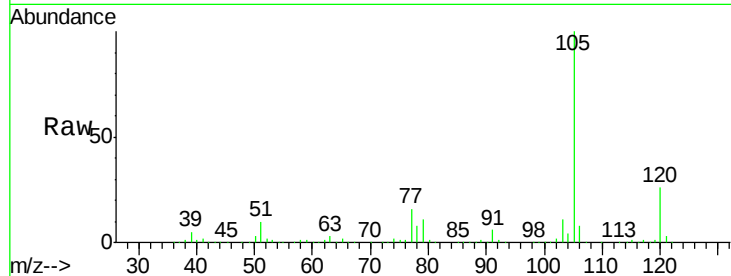
VSTDCCC050EC

Tgt Ion: 105 Resp: 473841

Ion Ratio Lower Upper

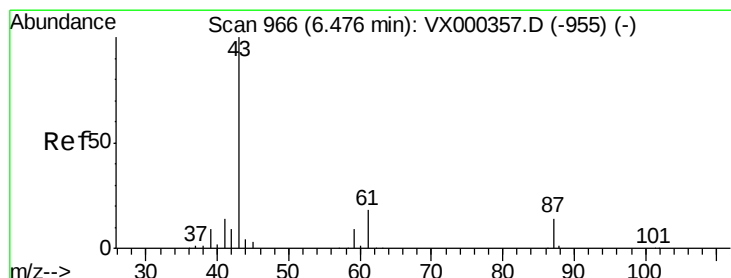
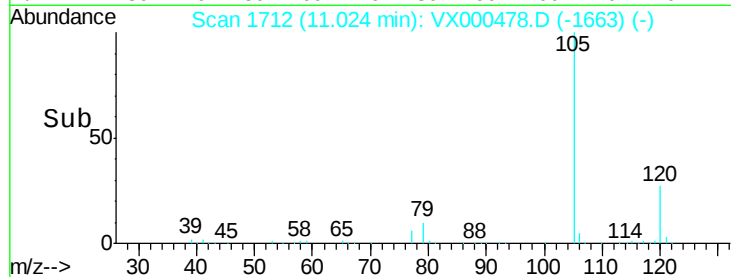
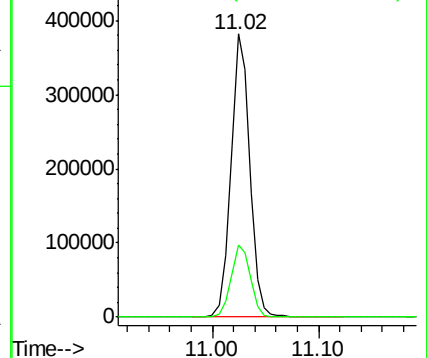
105 100

120 26.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.32 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Tgt Ion: 43 Resp: 223686

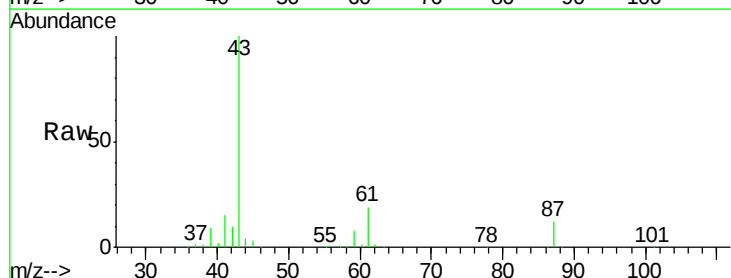
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.1 14.4 21.6

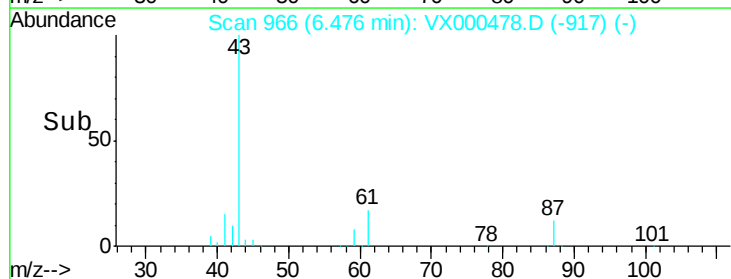
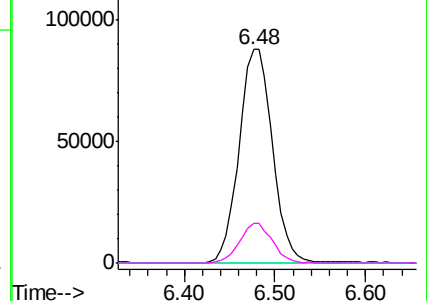


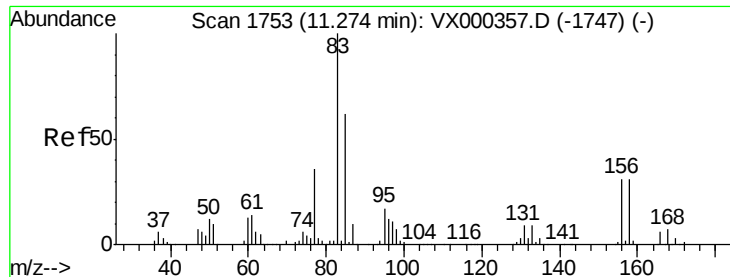
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.03 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

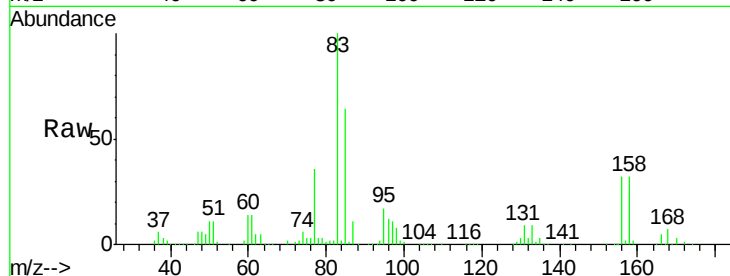
Tgt Ion: 83 Resp: 170614

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

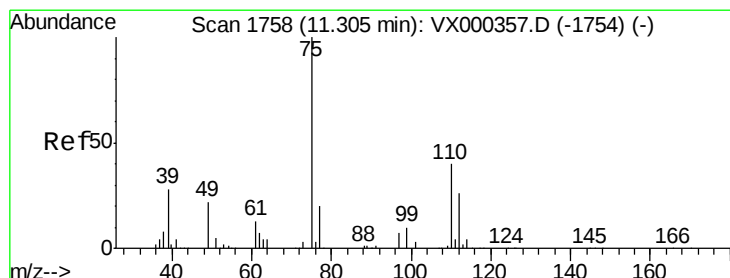
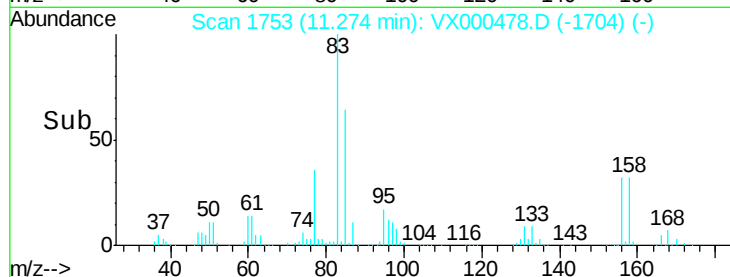
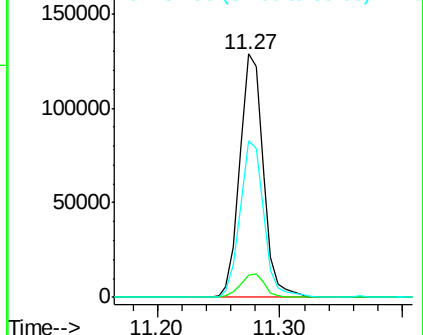
85 64.6 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.86 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000478.D

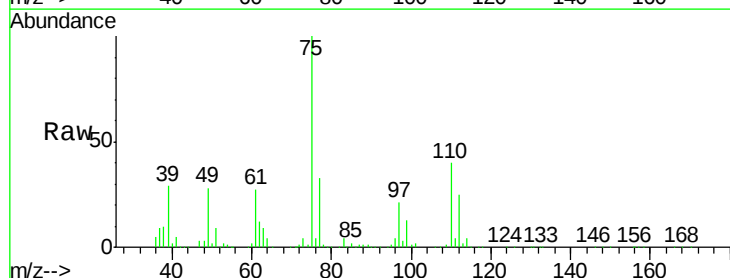
Acq: 27 Mar 2018 23:43

Tgt Ion: 75 Resp: 194201

Ion Ratio Lower Upper

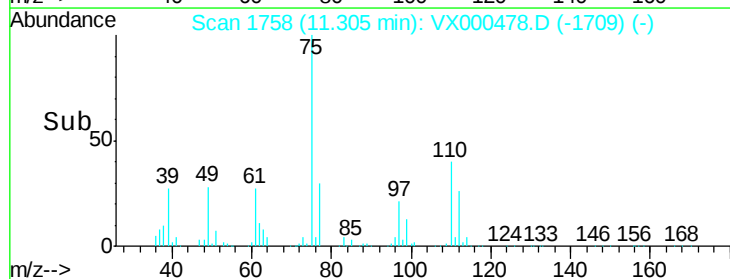
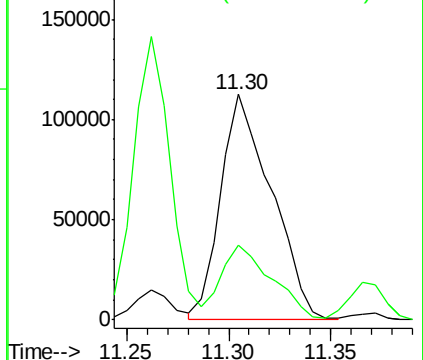
75 100

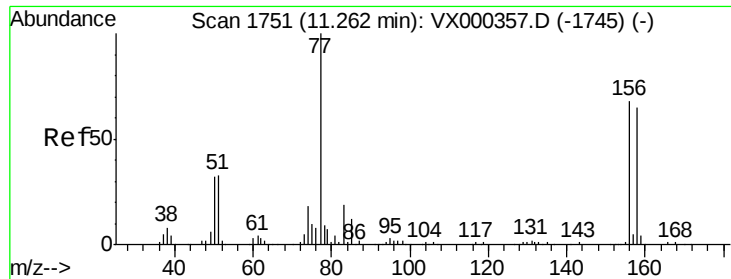
77 33.0 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.68 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

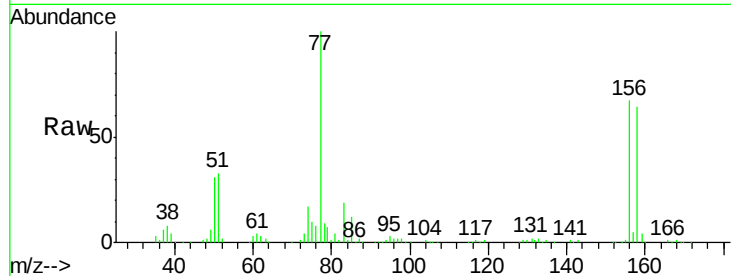
Tgt Ion:156 Resp: 117096

Ion Ratio Lower Upper

156 100

77 150.8 73.4 220.2

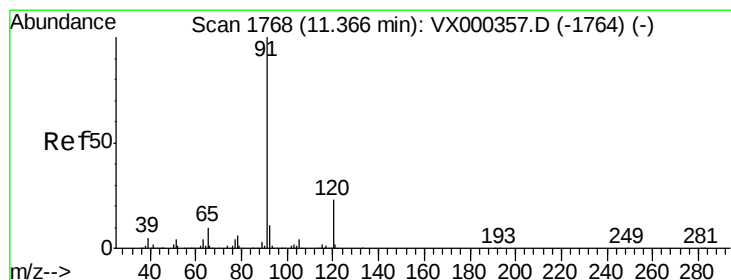
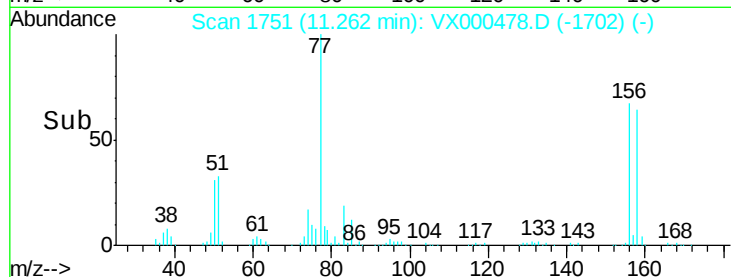
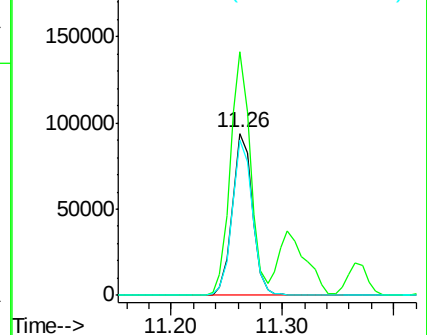
158 96.5 48.5 145.6



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: 48.50 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000478.D

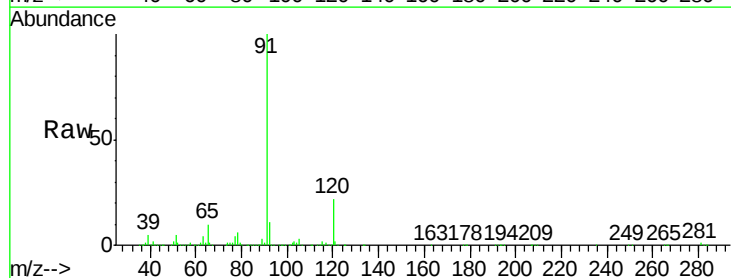
Acq: 27 Mar 2018 23:43

Tgt Ion: 91 Resp: 568964

Ion Ratio Lower Upper

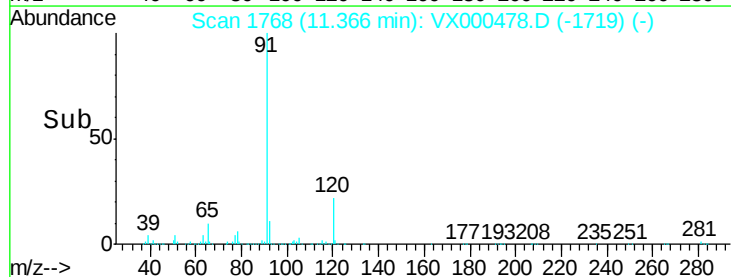
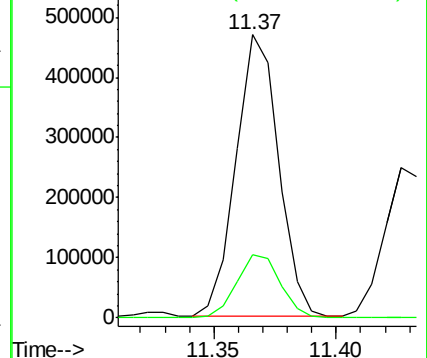
91 100

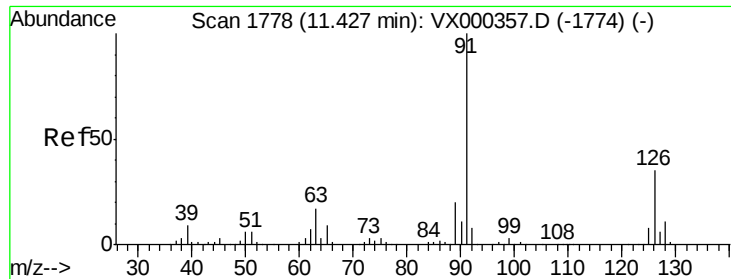
120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

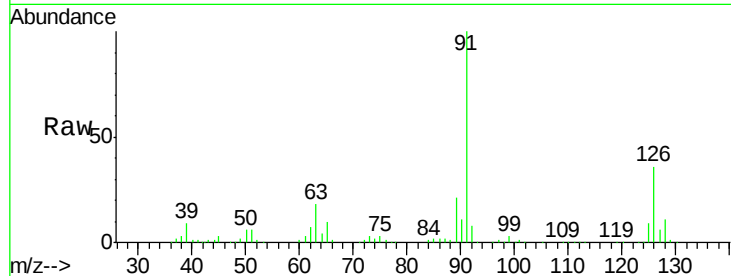




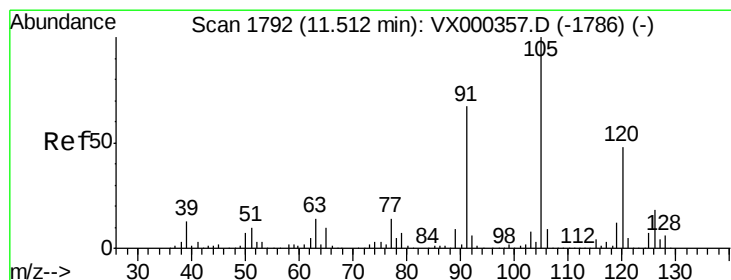
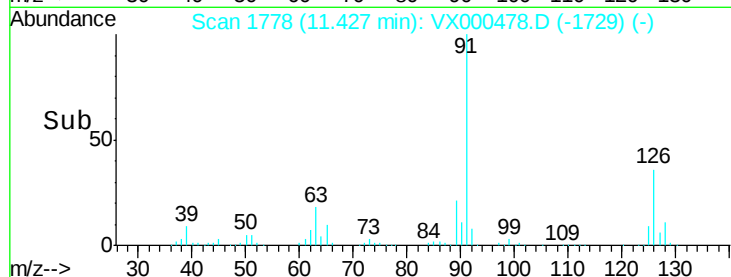
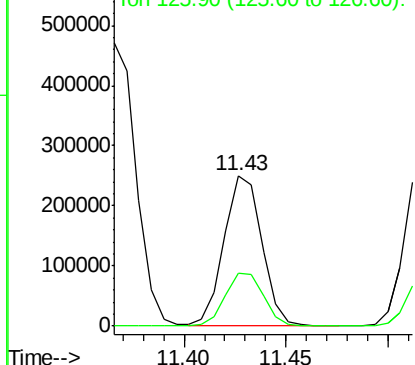
#79
 2-Chlorotoluene
 Concen: 47.22 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000478.D
 Acq: 27 Mar 2018 23:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 319992
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.7 53.1

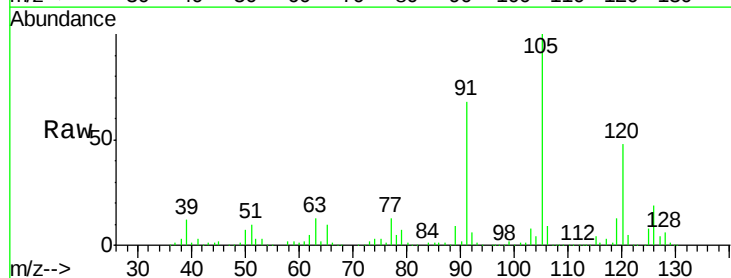


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

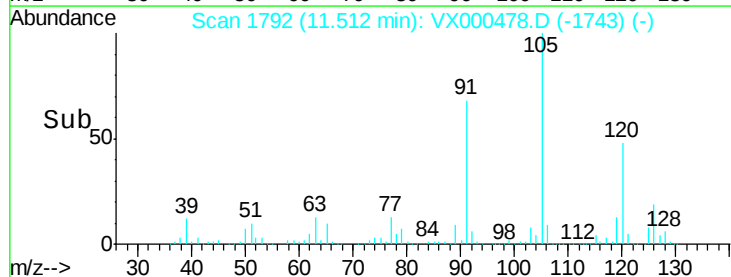
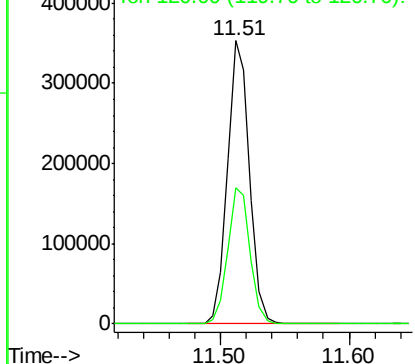


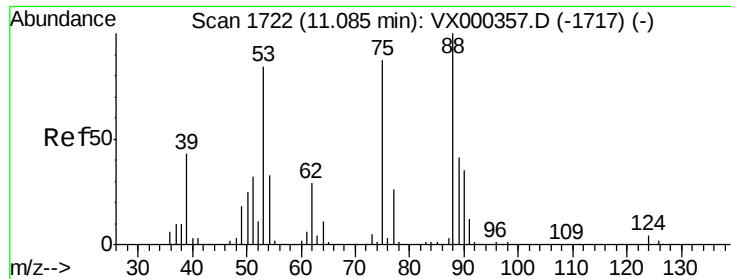
#80
 1,3,5-Trimethylbenzene
 Concen: 51.11 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000478.D
 Acq: 27 Mar 2018 23:43

Tgt Ion: 105 Resp: 422767
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.79 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

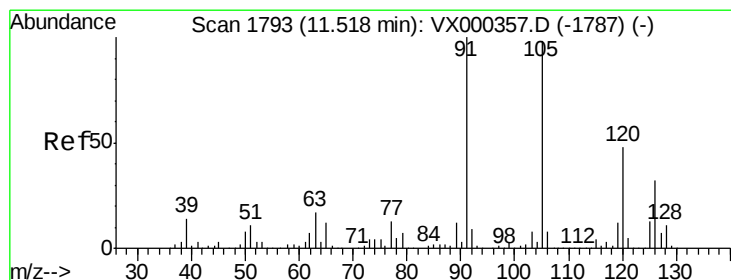
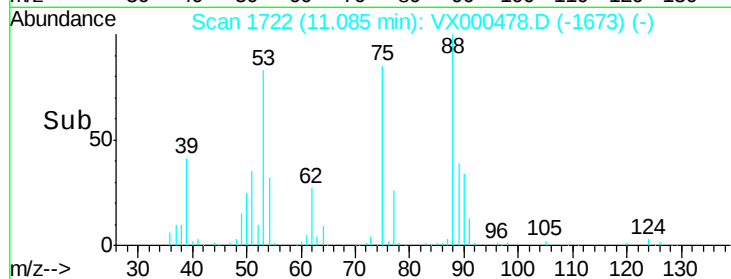
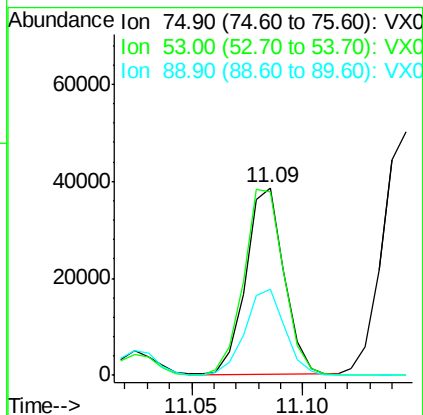
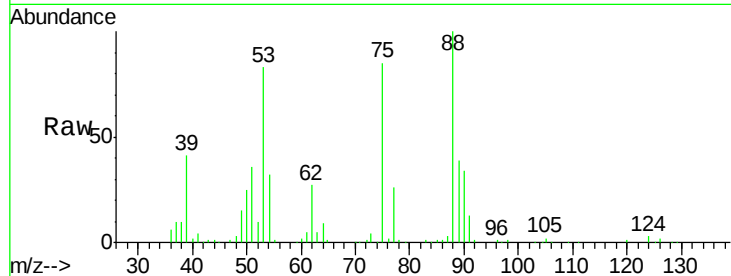
Tgt Ion: 75 Resp: 46120

Ion Ratio Lower Upper

75 100

53 105.4 80.7 121.1

89 48.1 39.4 59.0



#82

4-Chlorotoluene

Concen: 50.16 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000478.D

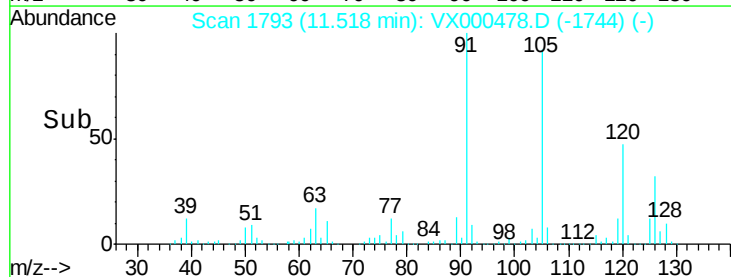
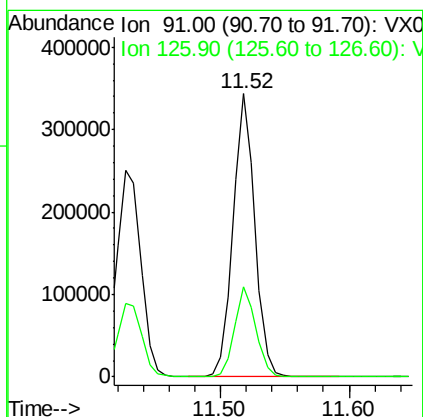
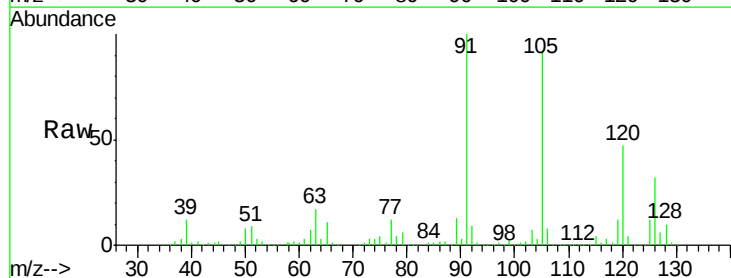
Acq: 27 Mar 2018 23:43

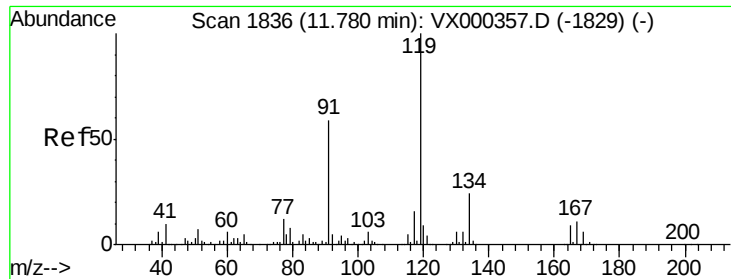
Tgt Ion: 91 Resp: 405879

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.1

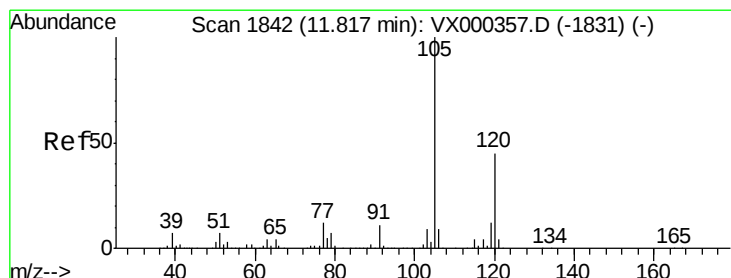
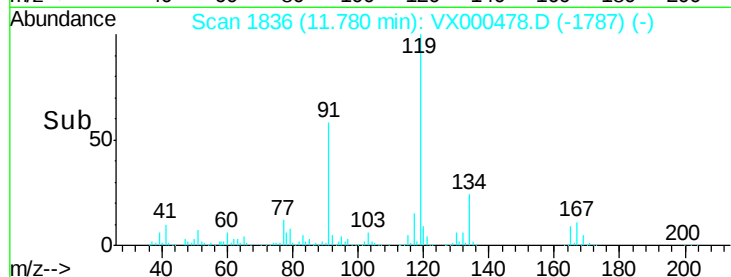
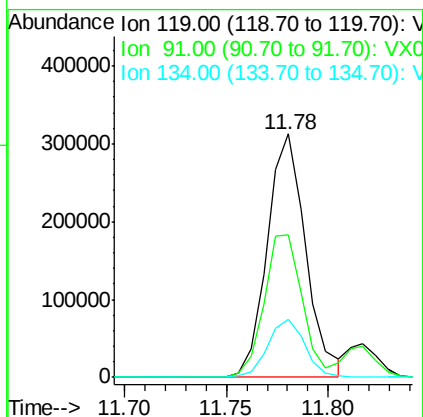
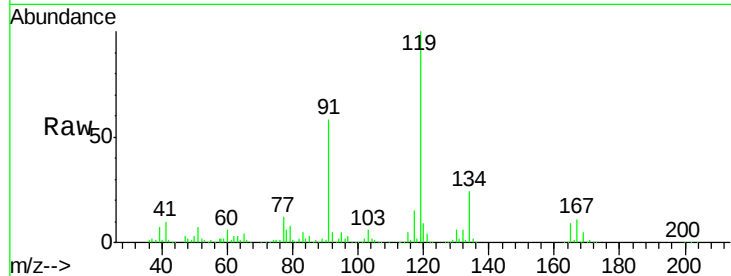




#83
 tert-Butylbenzene
 Concen: 49.27 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000478.D
 Acq: 27 Mar 2018 23:43

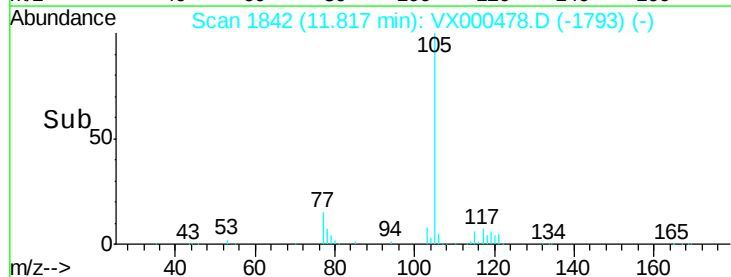
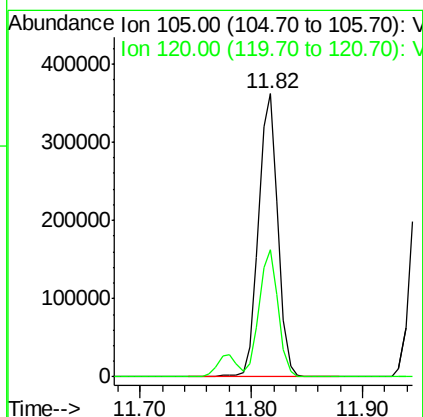
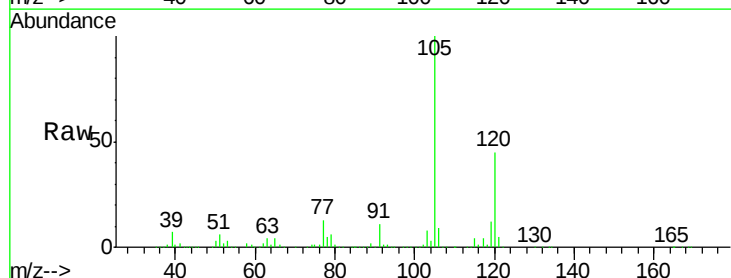
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

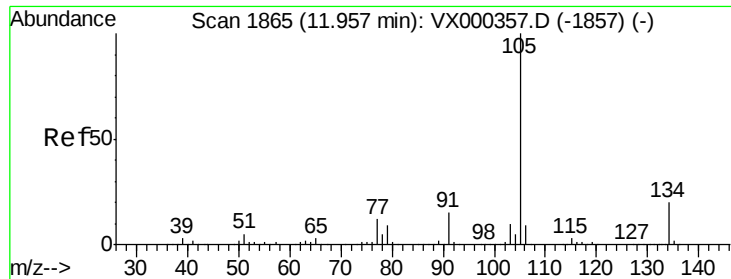
Tgt Ion:119 Resp: 411058
 Ion Ratio Lower Upper
 119 100
 91 57.7 28.8 86.4
 134 23.0 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.71 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000478.D
 Acq: 27 Mar 2018 23:43

Tgt Ion:105 Resp: 439748
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.4 67.3

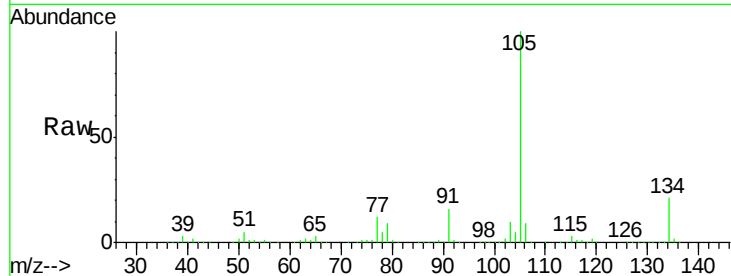




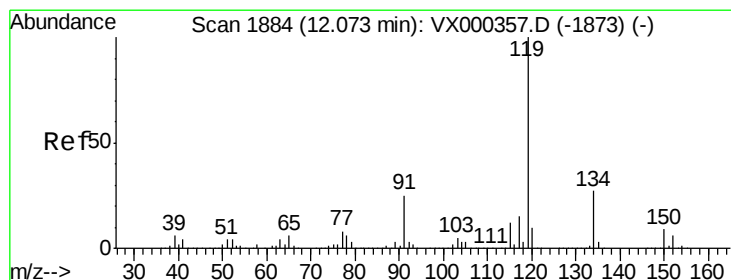
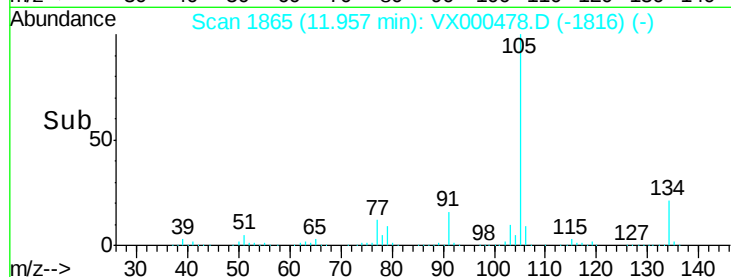
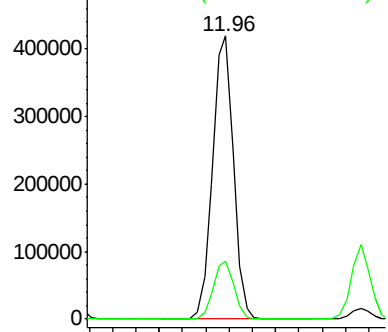
#85
 sec-Butylbenzene
 Concen: 50.79 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000478.D
 Acq: 27 Mar 2018 23:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 524318
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8

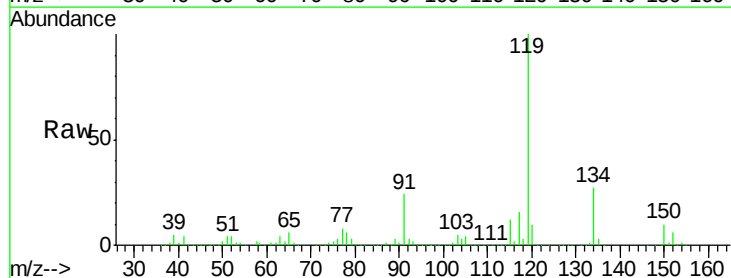


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

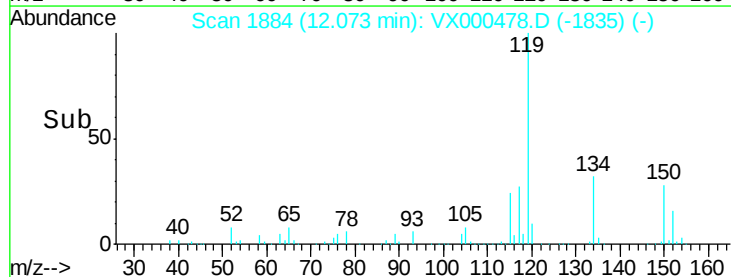
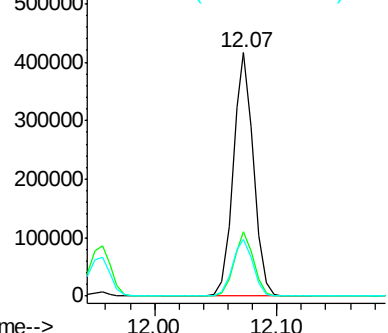


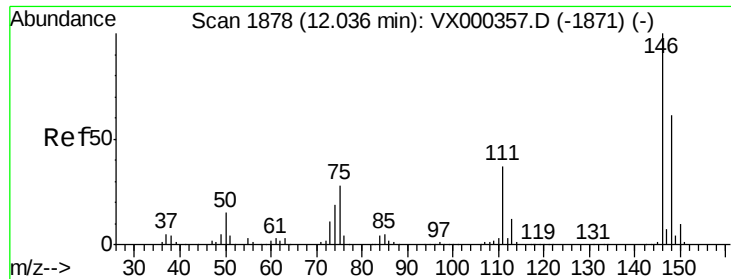
#86
 p-Isopropyltoluene
 Concen: 52.31 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000478.D
 Acq: 27 Mar 2018 23:43

Tgt Ion:119 Resp: 479556
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.9
 91 23.9 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

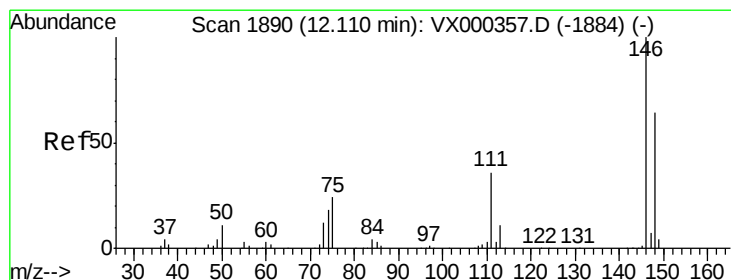
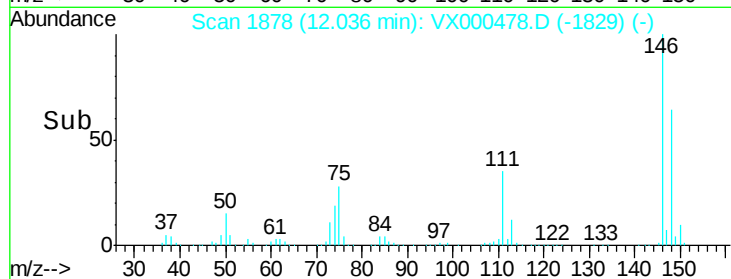
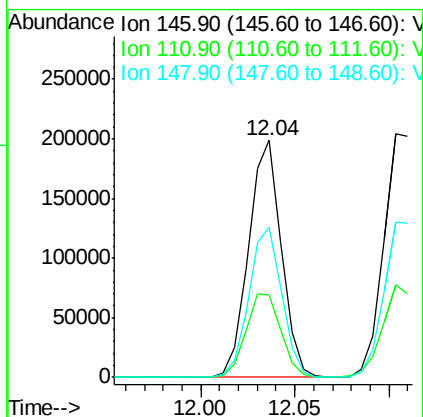
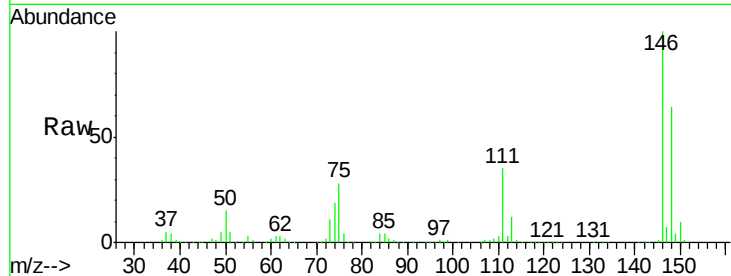




#87
 1,3-Dichlorobenzene
 Concen: 48.37 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000478.D
 Acq: 27 Mar 2018 23:43

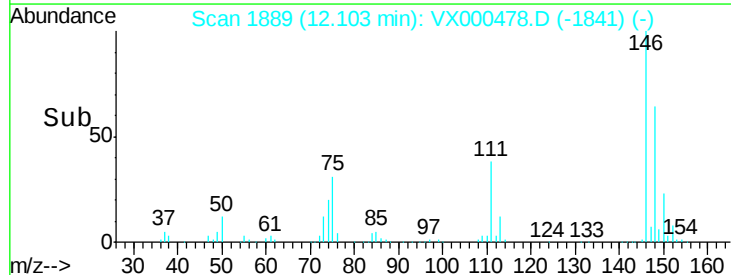
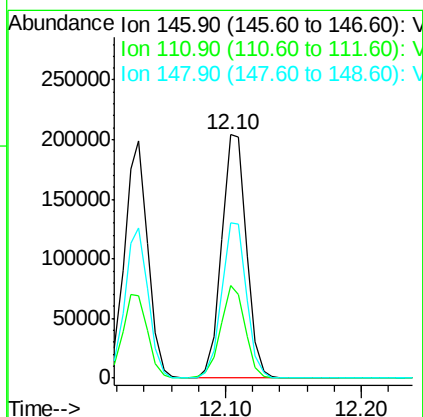
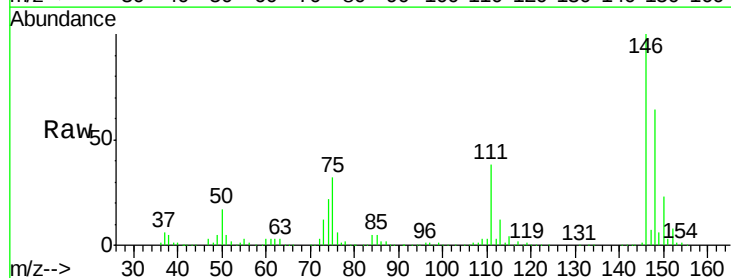
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

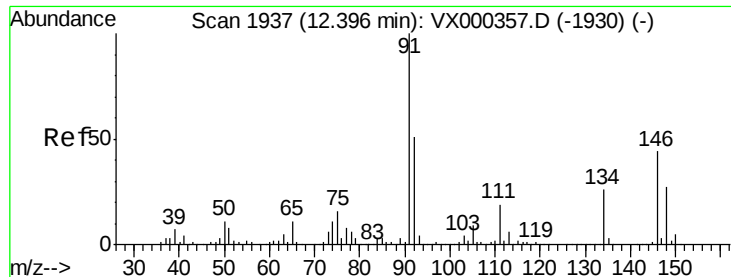
Tgt Ion:146 Resp: 239661
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.5 58.5
 148 63.8 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 49.58 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000478.D
 Acq: 27 Mar 2018 23:43

Tgt Ion:146 Resp: 257922
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.9
 148 63.9 31.0 93.0

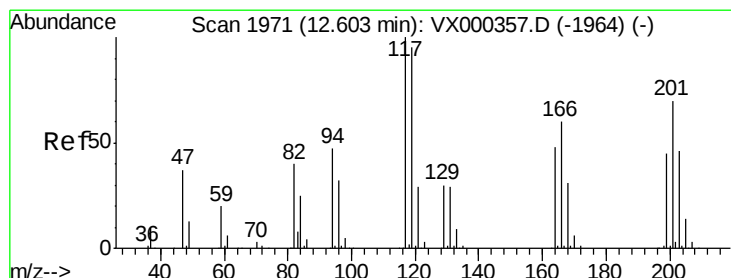
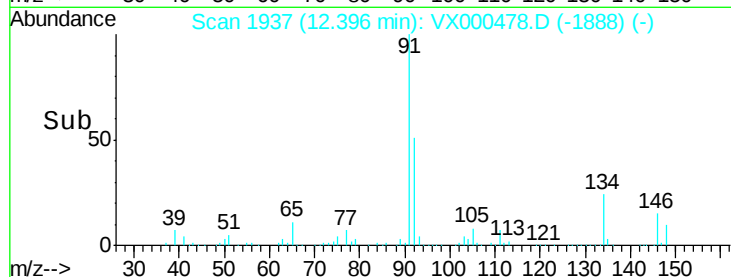
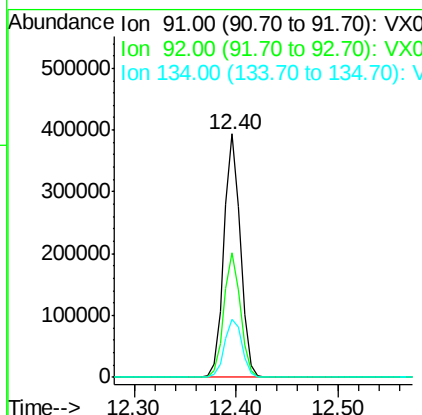
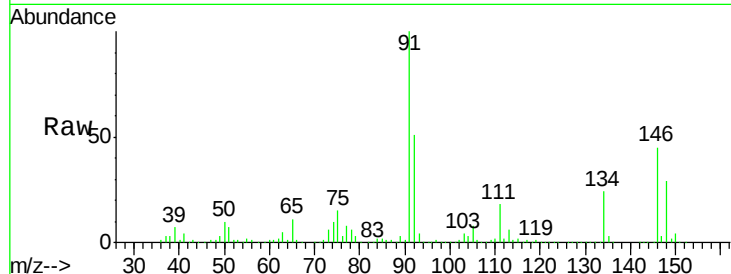




#89
n-Butylbenzene
Concen: 51.66 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

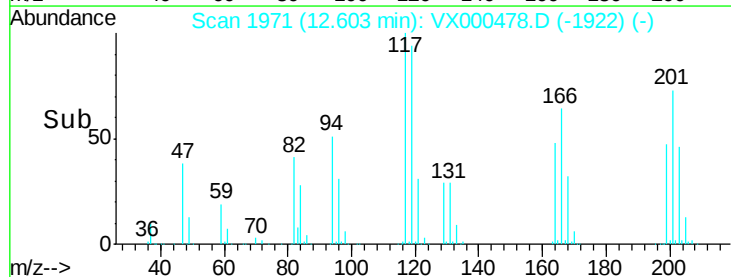
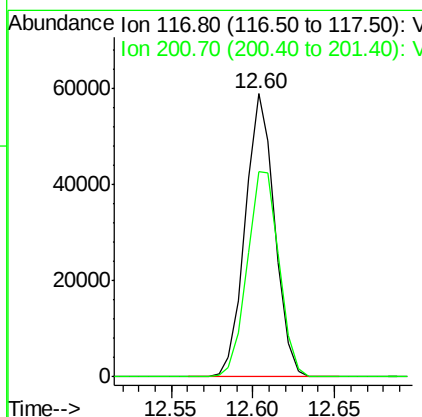
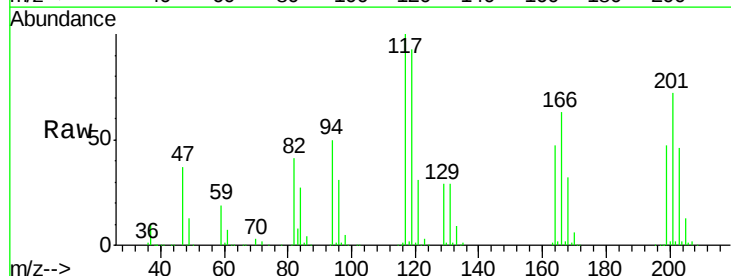
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

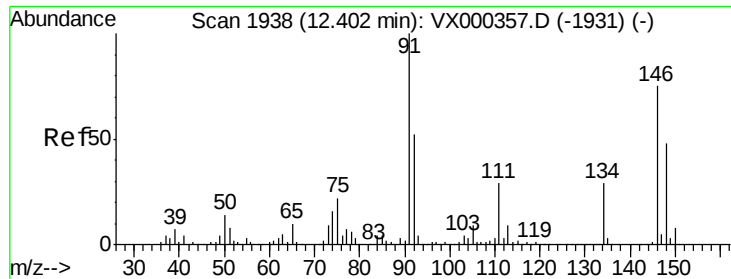
Tgt Ion: 91 Resp: 440952
Ion Ratio Lower Upper
91 100
92 51.2 25.9 77.8
134 25.5 13.1 39.3



#90
Hexachloroethane
Concen: 51.15 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000478.D
Acq: 27 Mar 2018 23:43

Tgt Ion: 117 Resp: 73809
Ion Ratio Lower Upper
117 100
201 78.5 37.9 113.6





#91

1,2-Dichlorobenzene

Concen: 50.51 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

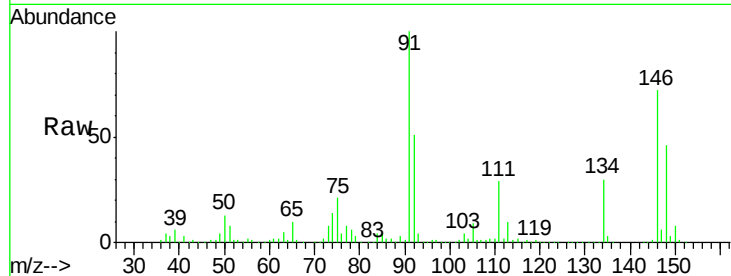
Tgt Ion:146 Resp: 245390

Ion Ratio Lower Upper

146 100

111 40.2 20.1 60.2

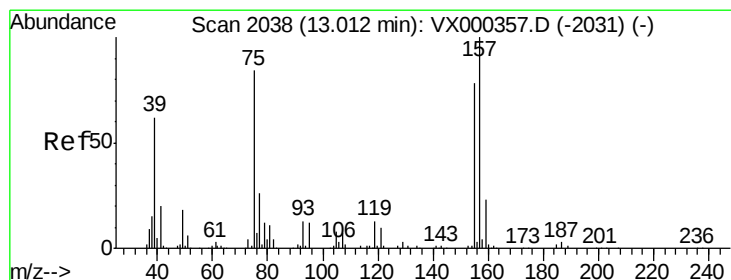
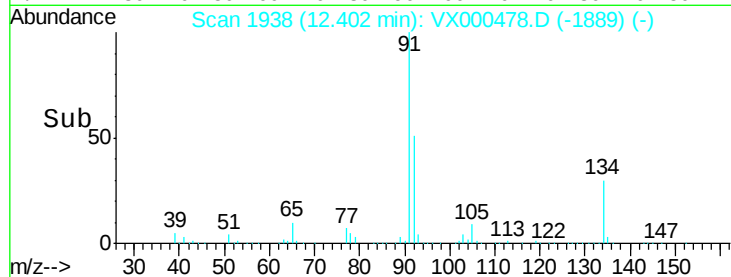
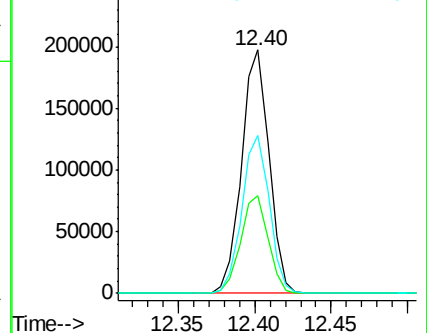
148 64.8 31.2 93.6



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: 48.28 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

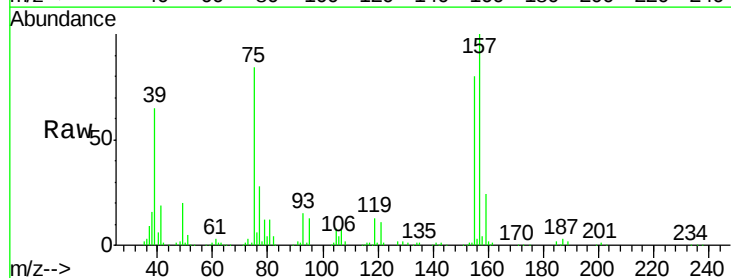
Tgt Ion: 75 Resp: 46857

Ion Ratio Lower Upper

75 100

155 86.6 45.0 134.8

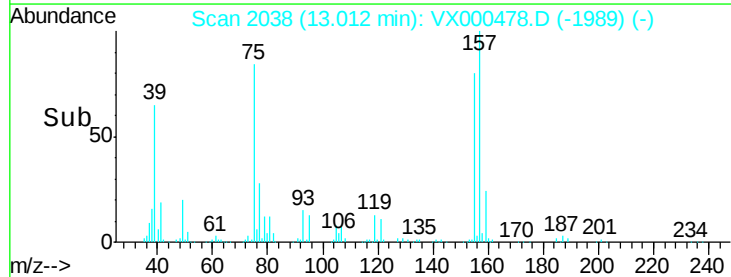
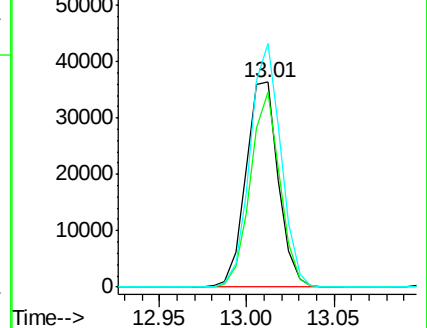
157 112.7 58.1 174.2

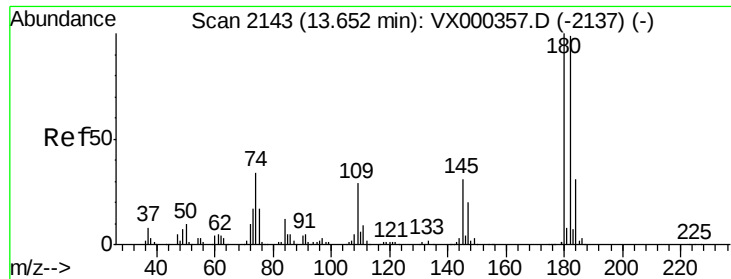


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

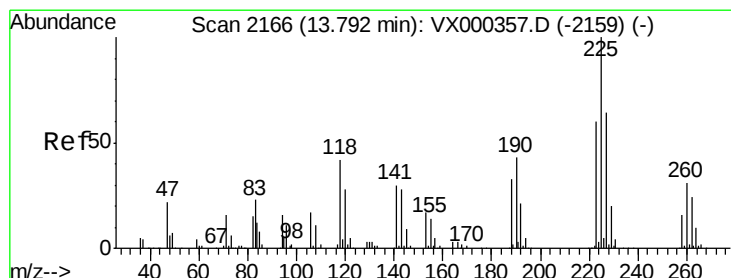
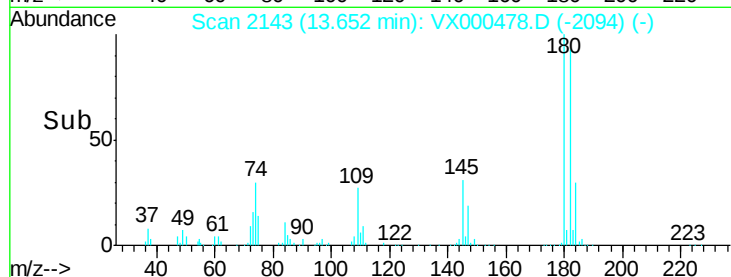
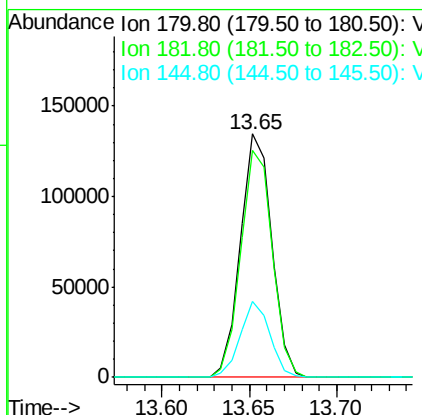
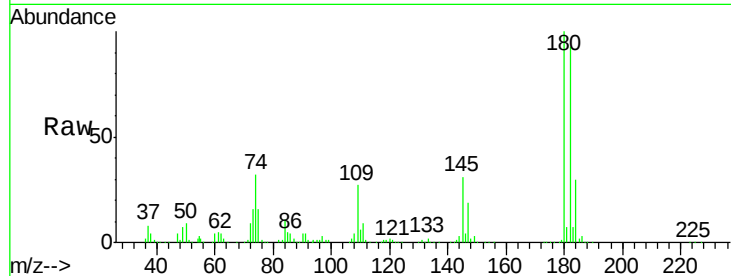




#93
 1,2,4-Trichlorobenzene
 Concen: 47.99 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000478.D
 Acq: 27 Mar 2018 23:43

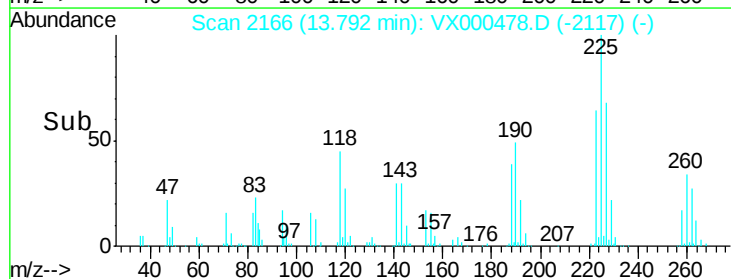
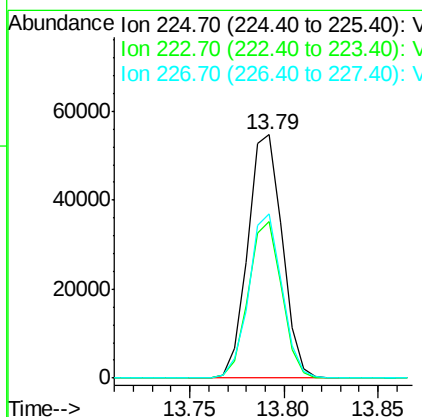
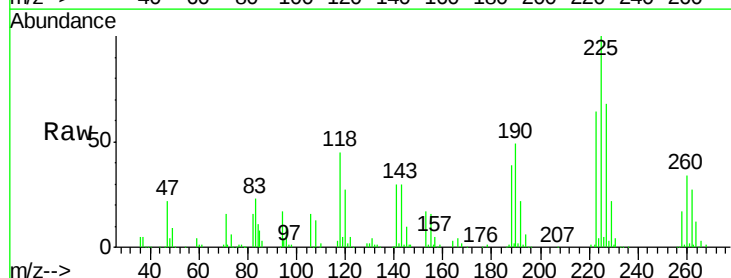
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

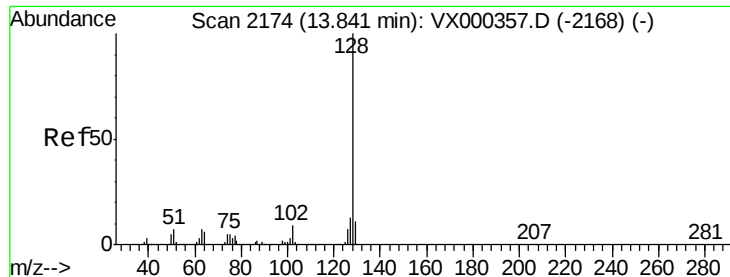
Tgt Ion:180 Resp: 167142
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.6 142.9
 145 29.7 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 48.14 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000478.D
 Acq: 27 Mar 2018 23:43

Tgt Ion:225 Resp: 69420
 Ion Ratio Lower Upper
 225 100
 223 62.0 32.0 96.0
 227 64.9 32.6 98.0





#95

Naphthalene

Concen: 50.06 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

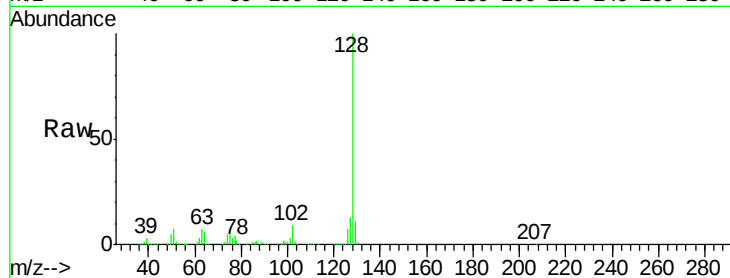
Tgt Ion:128 Resp: 607378

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

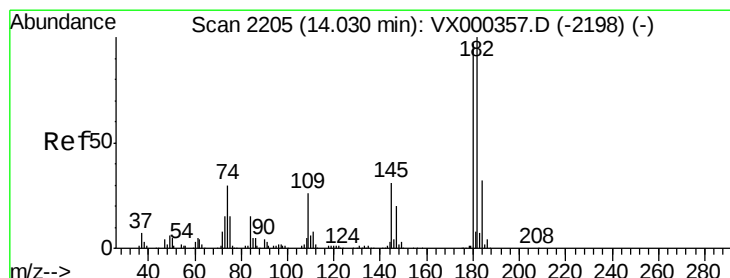
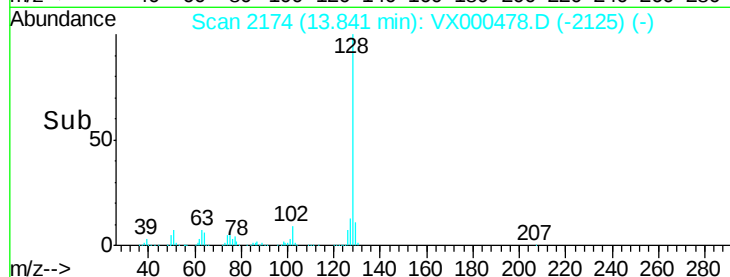
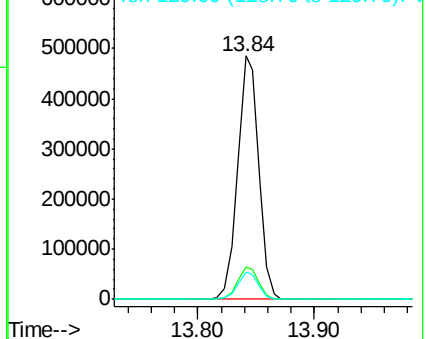
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.56 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000478.D

Acq: 27 Mar 2018 23:43

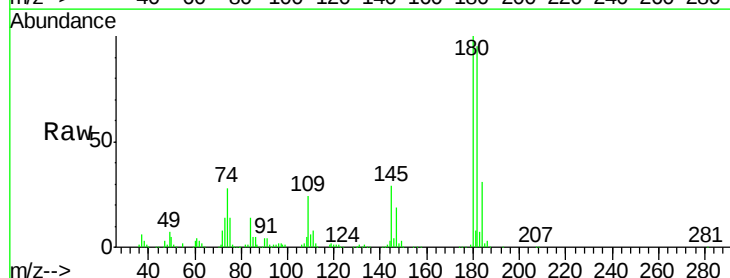
Tgt Ion:180 Resp: 170557

Ion Ratio Lower Upper

180 100

182 93.9 47.4 142.3

145 30.3 15.8 47.3



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

