

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072018\
 Data File : VX003541.D
 Acq On : 21 Jul 2018 06:14
 Operator : JC/SP
 Sample : J4014-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MS

Quant Time: Jul 21 06:36:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	292888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	404632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	384401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233690	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	191364	55.20	ug/l	0.00
Spiked Amount			Recovery	=	110.40%	
35) Dibromofluoromethane	5.51	113	180927	58.71	ug/l	0.00
Spiked Amount			Recovery	=	117.42%	
50) Toluene-d8	8.72	98	617100	53.27	ug/l	0.00
Spiked Amount			Recovery	=	106.54%	
62) 4-Bromofluorobenzene	11.14	95	225061	53.24	ug/l	0.00
Spiked Amount			Recovery	=	106.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	129949	55.97	ug/l	98
3) Chloromethane	1.32	50	170316	59.31	ug/l	96
4) Vinyl Chloride	1.40	62	184086	49.48	ug/l	92
5) Bromomethane	1.64	94	73435	49.59	ug/l	99
6) Chloroethane	1.72	64	121493	55.18	ug/l	100
7) Trichlorofluoromethane	1.92	101	259564	52.29	ug/l	96
8) Diethyl Ether	2.19	74	115186	54.03	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	163981	50.47	ug/l	97
10) Methyl Iodide	2.51	142	209067	53.57	ug/l	91
11) Tert butyl alcohol	3.07	59	199311	290.52	ug/l	100
12) 1,1-Dichloroethene	2.37	96	158680	53.04	ug/l	95
13) Acrolein	2.29	56	70637	227.88	ug/l	98
14) Allyl chloride	2.73	41	288047	54.39	ug/l	# 86
15) Acrylonitrile	3.15	53	487503	279.11	ug/l	97
16) Acetone	2.45	43	405383	309.55	ug/l	# 87
17) Carbon Disulfide	2.57	76	436061	53.90	ug/l	100
18) Methyl Acetate	2.78	43	212234	51.41	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	563948	57.73	ug/l	95
20) Methylene Chloride	2.86	84	188836	59.13	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	171751	51.60	ug/l	86
22) Diisopropyl ether	3.87	45	590217	59.23	ug/l	96
23) Vinyl Acetate	3.82	43	1957274	238.46	ug/l	96
24) 1,1-Dichloroethane	3.70	63	341713	58.45	ug/l	99
25) 2-Butanone	4.70	43	651633	296.57	ug/l	93
26) 2,2-Dichloropropane	4.59	77	141125	31.78	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	204933	55.30	ug/l	94
28) Bromochloromethane	5.03	49	149942	58.68	ug/l	92
29) Tetrahydrofuran	5.16	42	417307	287.51	ug/l	91
30) Chloroform	5.22	83	326044	57.11	ug/l	100
31) Cyclohexane	5.57	56	271276	51.93	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	274789	56.21	ug/l	98
36) 1,1-Dichloropropene	5.81	75	231623	53.02	ug/l	97
37) Ethyl Acetate	4.86	43	209610	50.70	ug/l	95
38) Carbon Tetrachloride	5.79	117	236936	55.29	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	246767	47.69	ug/l	95
40) Benzene	6.15	78	686783	52.07	ug/l	100
41) Methacrylonitrile	5.07	41	140392	57.78	ug/l	92
42) 1,2-Dichloroethane	6.20	62	227294	54.69	ug/l	95
43) Isopropyl Acetate	6.46	43	317456	48.27	ug/l	94
44) Trichloroethene	7.21	130	203241	51.67	ug/l	100
45) 1,2-Dichloropropane	7.52	63	176655	52.75	ug/l	100
46) Dibromomethane	7.67	93	114574	53.14	ug/l	97
47) Bromodichloromethane	7.90	83	216208	54.77	ug/l	96
48) Methyl methacrylate	7.78	41	183452	55.32	ug/l	86
49) 1,4-Dioxane	7.76	88	80215	1067.54	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1173298	282.42	ug/l	93
52) Toluene	8.79	92	443177	53.38	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	237851	48.95	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	220171	50.39	ug/l #	89
55) 1,1,2-Trichloroethane	9.22	97	175496	53.12	ug/l	92
56) Ethyl methacrylate	9.18	69	254449	54.68	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	289549	54.22	ug/l	99
59) 2-Hexanone	9.50	43	873827	283.88	ug/l	90
60) Dibromochloromethane	9.59	129	184632	56.46	ug/l	98
61) 1,2-Dibromoethane	9.68	107	179696	52.47	ug/l	99
64) Tetrachloroethene	9.34	164	232343	49.61	ug/l	97
65) Chlorobenzene	10.14	112	485661	49.04	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	176625	51.83	ug/l	99
67) Ethyl Benzene	10.26	91	811036	50.93	ug/l	100
68) m/p-Xylenes	10.36	106	639010	102.36	ug/l	97
69) o-Xylene	10.70	106	309229	51.22	ug/l	97
70) Stvrene	10.71	104	521244	52.49	ug/l	97
71) Bromoform	10.86	173	139587	52.72	ug/l	100
73) Isopropylbenzene	11.02	105	827964	51.23	ug/l	100
74) N-amyl acetate	6.46	43	317456	46.26	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	241002	50.89	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	273775	65.21	ug/l	80
77) Bromobenzene	11.26	156	230023	49.48	ug/l	96
78) n-propylbenzene	11.36	91	919530	51.18	ug/l	99
79) 2-Chlorotoluene	11.42	91	557278	51.10	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	689622	51.92	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	60418	41.31	ug/l	90
82) 4-Chlorotoluene	11.51	91	647836	50.69	ug/l	98
83) tert-Butylbenzene	11.77	119	660881	50.81	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	707968	52.38	ug/l	98
85) sec-Butylbenzene	11.95	105	796360	50.40	ug/l	99
86) p-Isopropyltoluene	12.07	119	711491	50.18	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	409485	47.92	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	409242	46.49	ug/l	99
89) n-Butylbenzene	12.39	91	589334	48.95	ug/l	99
90) Hexachloroethane	12.60	117	102422	50.81	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	417683	49.60	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47995	52.07	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	283880	45.99	ug/l	99

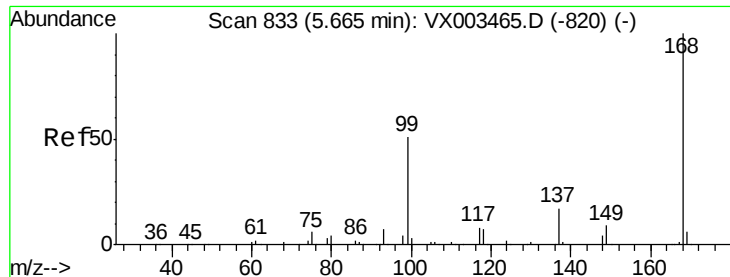
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	128764	43.38	ug/l	99
95) Naphthalene	13.83	128	829272	51.13	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	290339	47.52	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

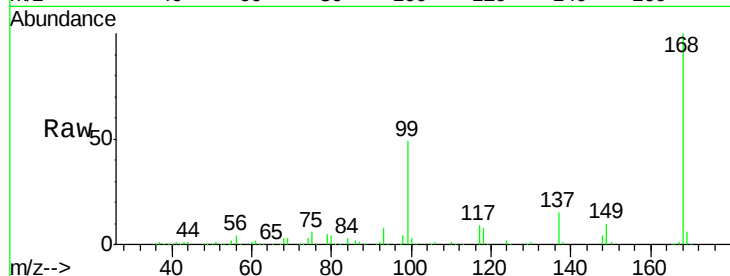
RE104D3-071318MS

Tot Ion:168 Resp: 292888

Ion Ratio Lower Upper

168 100

99 48.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

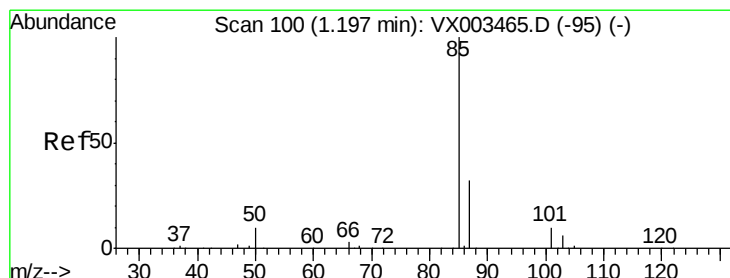
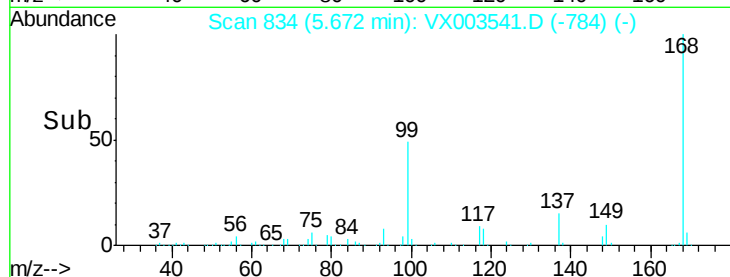
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.97 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003541.D

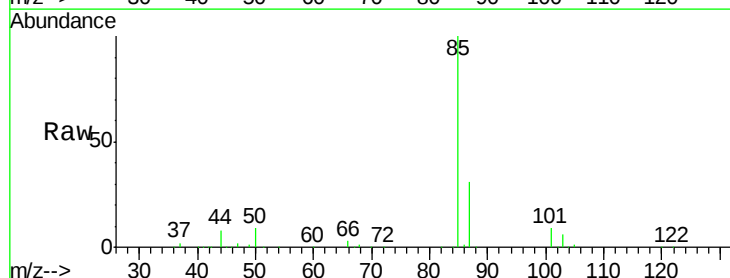
Acq: 21 Jul 2018 06:14

Tgt Ion: 85 Resp: 129949

Ion Ratio Lower Upper

85 100

87 30.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

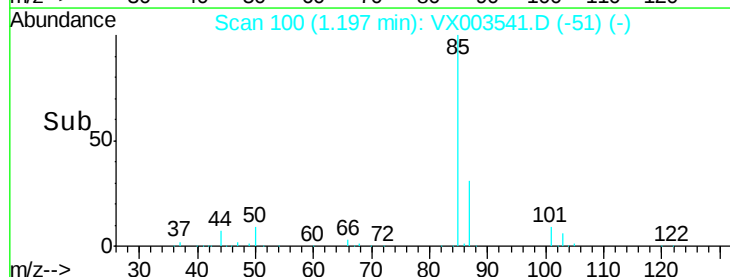
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 59.31 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

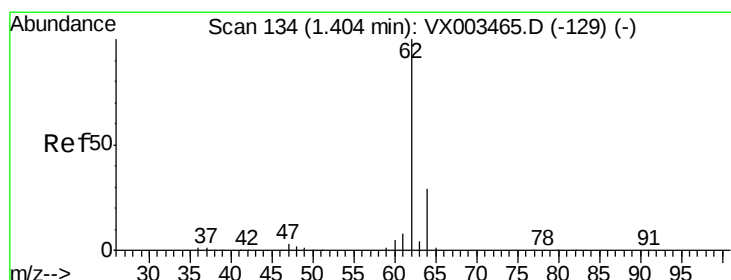
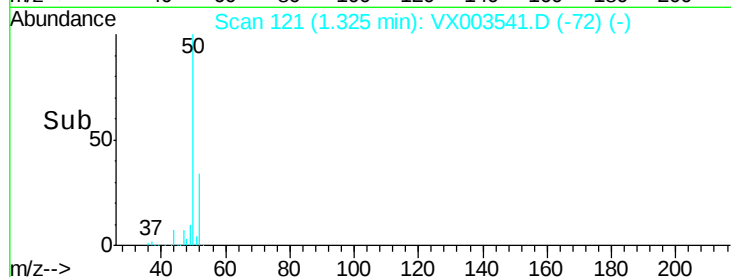
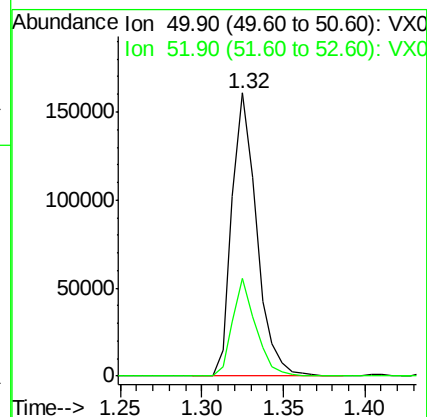
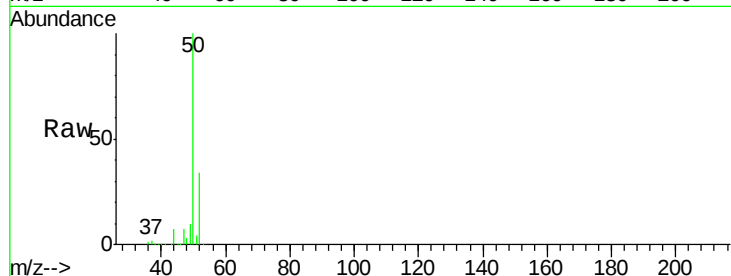
RE104D3-071318MS

Tot Ion: 50 Resp: 170316

Ion Ratio Lower Upper

50 100

52 34.4 25.7 38.5



#4

Vinyl Chloride

Concen: 49.48 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003541.D

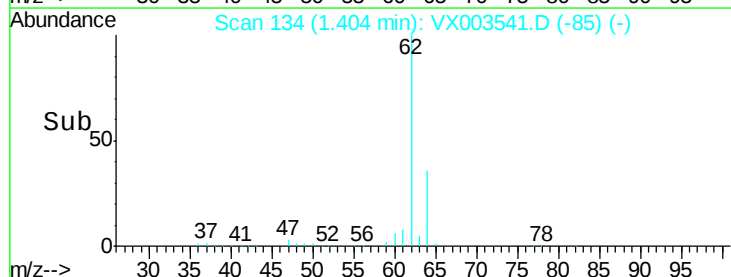
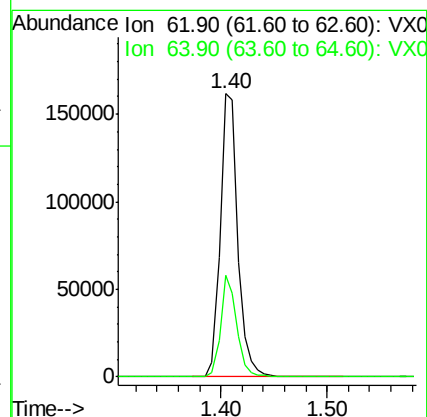
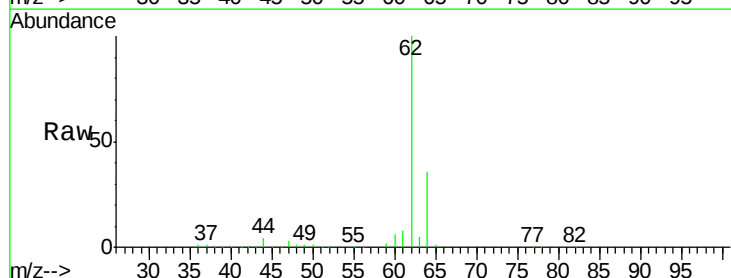
Acq: 21 Jul 2018 06:14

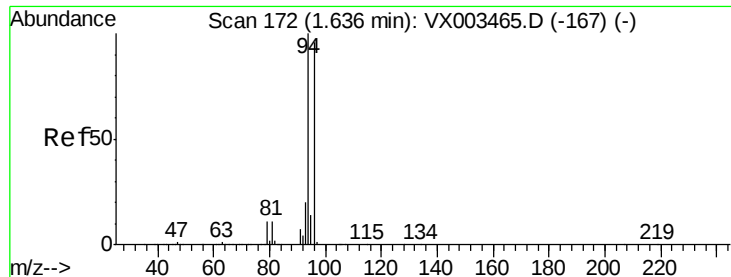
Tgt Ion: 62 Resp: 184086

Ion Ratio Lower Upper

62 100

64 36.0 25.4 38.2





#5

Bromomethane

Concen: 49.59 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

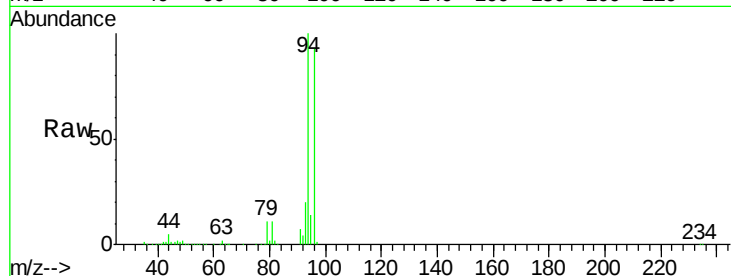
RE104D3-071318MS

Tot Ion: 94 Resp: 73435

Ion Ratio Lower Upper

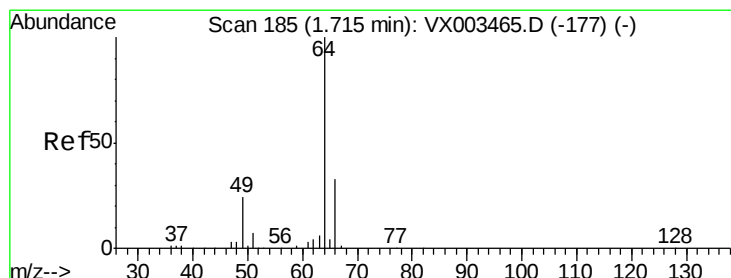
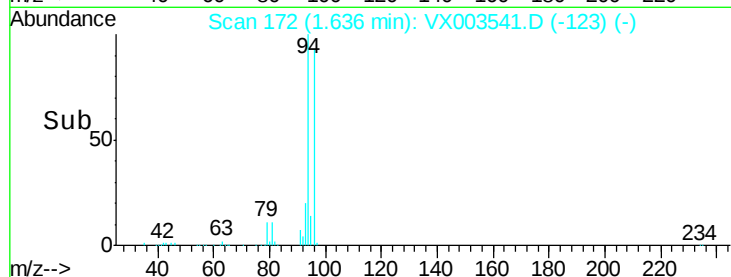
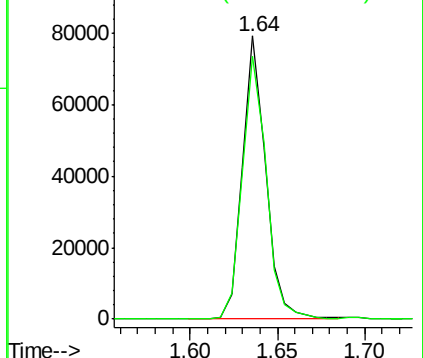
94 100

96 93.0 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 55.18 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003541.D

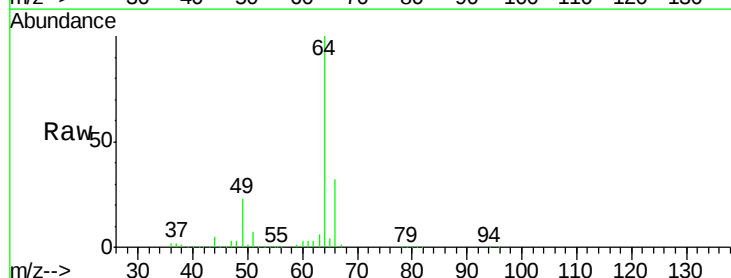
Acq: 21 Jul 2018 06:14

Tgt Ion: 64 Resp: 121493

Ion Ratio Lower Upper

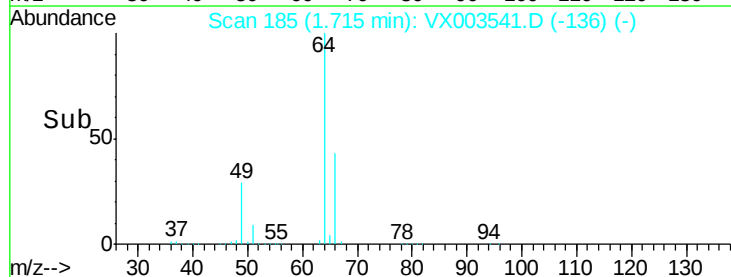
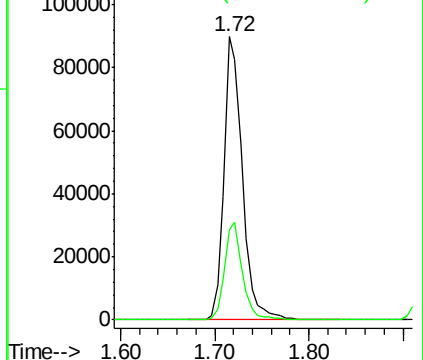
64 100

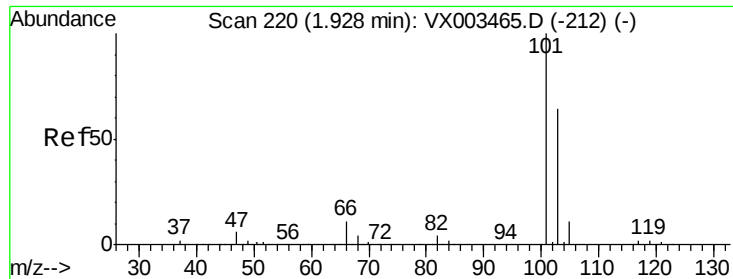
66 31.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



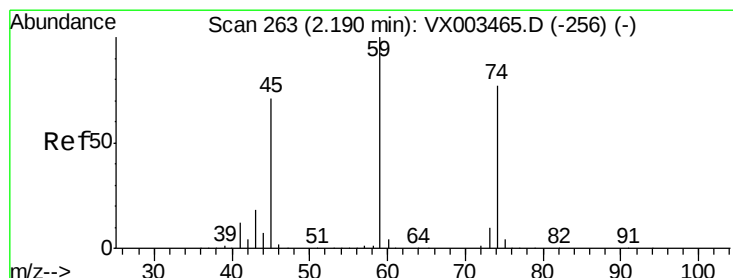
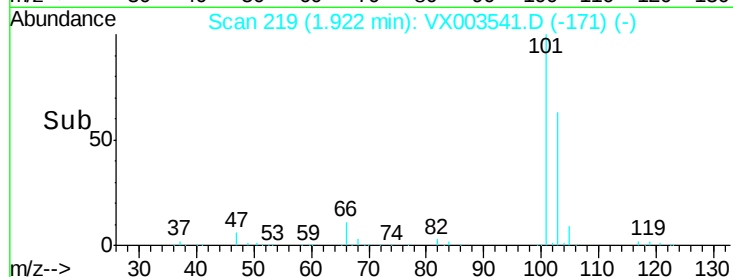
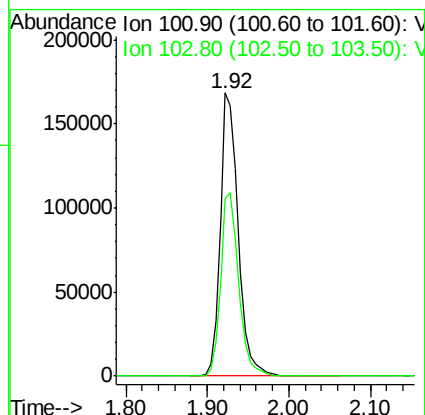
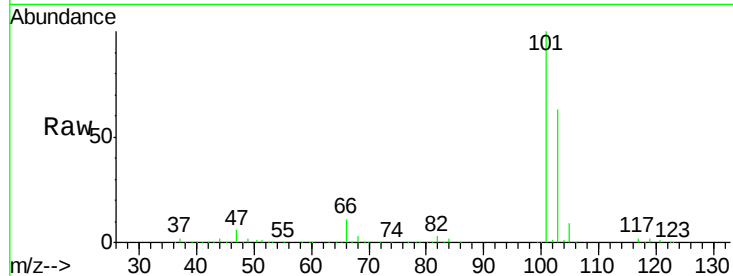


#7

Trichlorofluoromethane
 Concen: 52.29 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Instrument :
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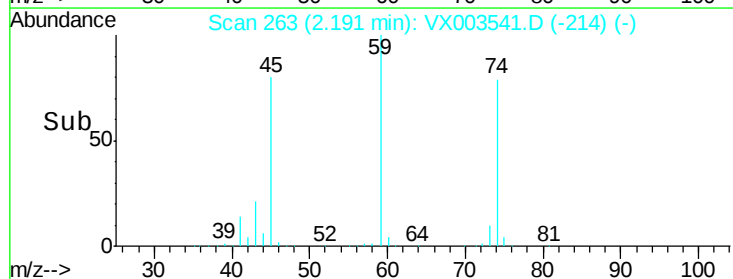
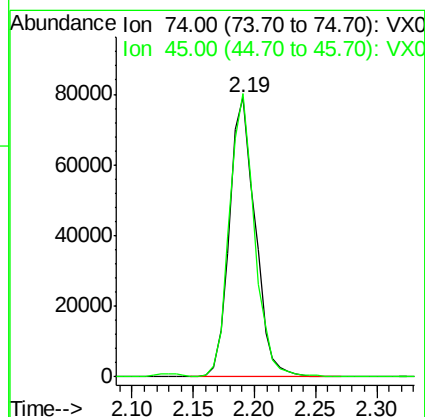
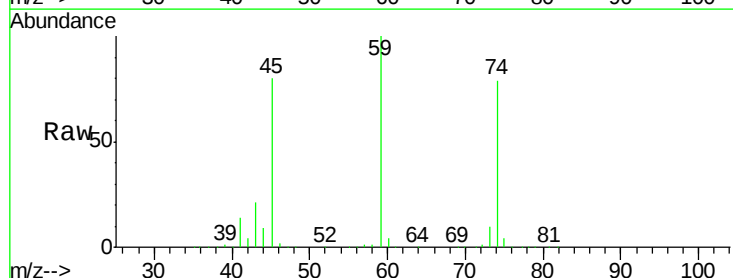
Tot Ion:101 Resp: 259564
 Ion Ratio Lower Upper
 101 100
 103 62.6 52.8 79.2

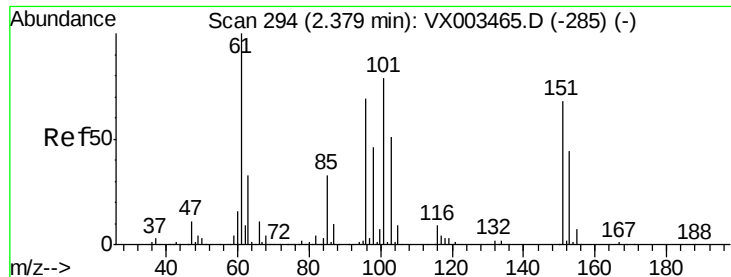


#8

Diethyl Ether
 Concen: 54.03 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Tgt Ion: 74 Resp: 115186
 Ion Ratio Lower Upper
 74 100
 45 98.1 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.47 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

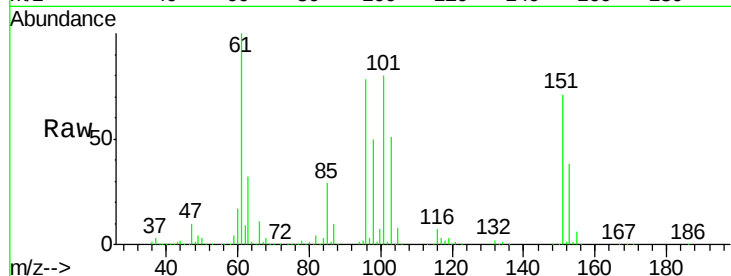
Tot Ion:101 Resp: 163981

Ion Ratio Lower Upper

101 100

85 40.9 36.0 54.0

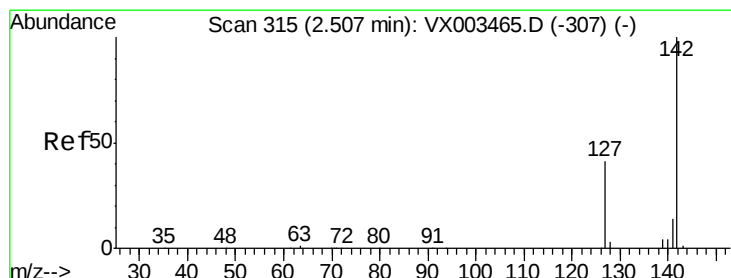
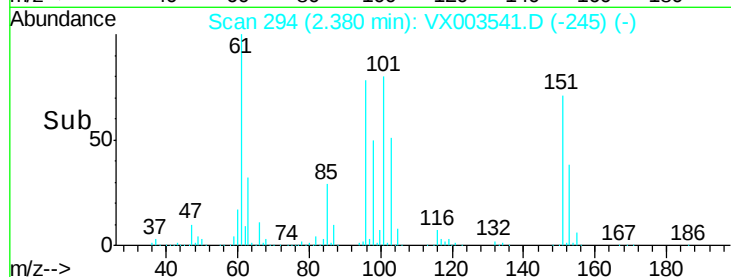
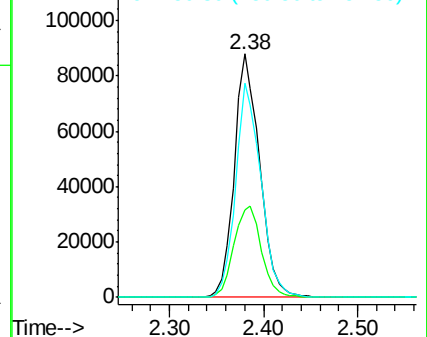
151 87.6 70.9 106.3



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: 53.57 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

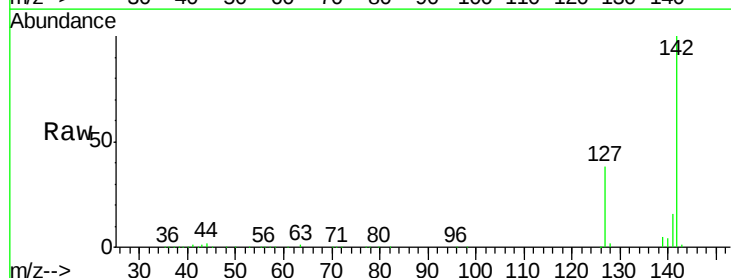
Tgt Ion:142 Resp: 209067

Ion Ratio Lower Upper

142 100

127 38.7 36.6 55.0

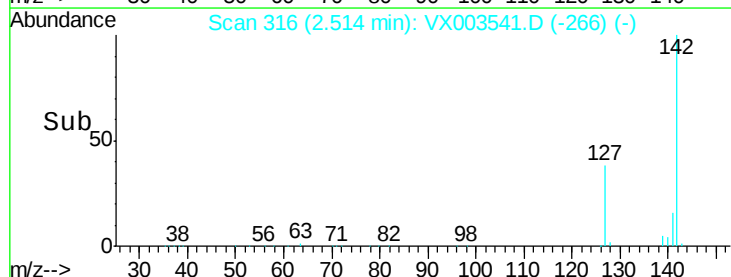
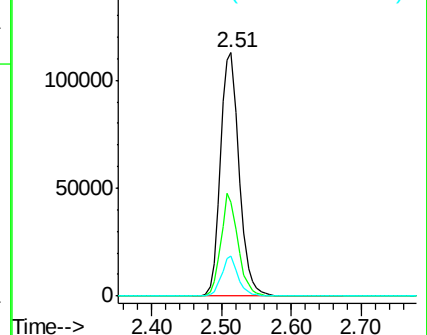
141 14.5 11.3 16.9

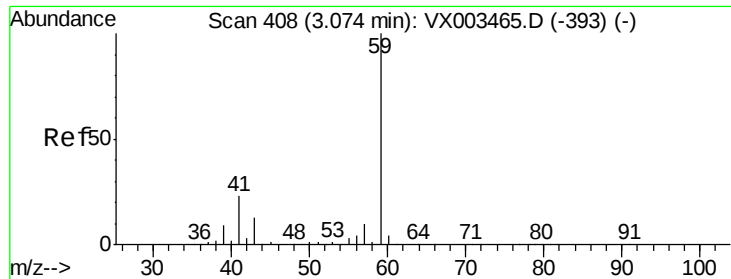


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

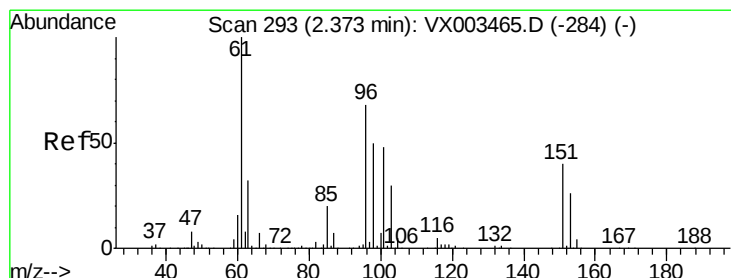
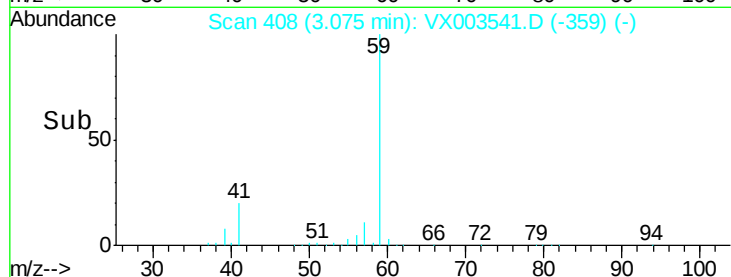
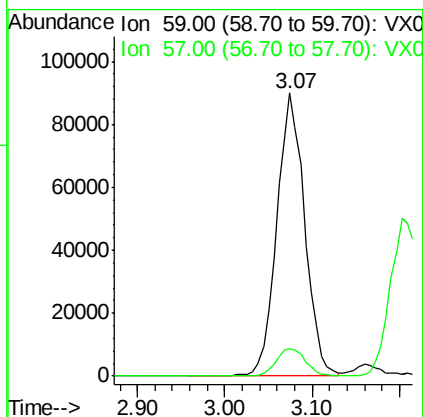
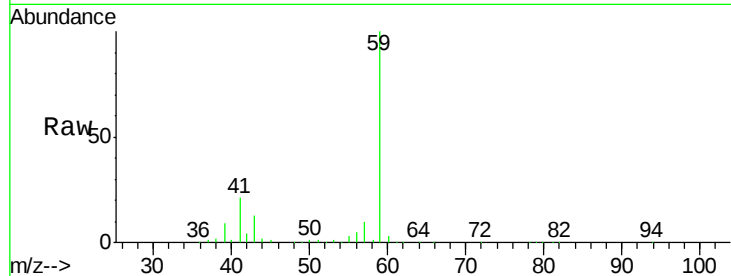




#11
Tert butyl alcohol
Concen: 290.52 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

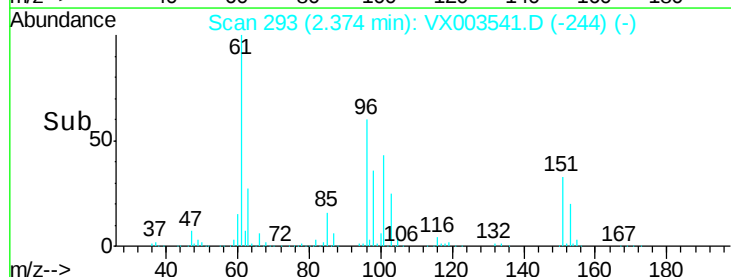
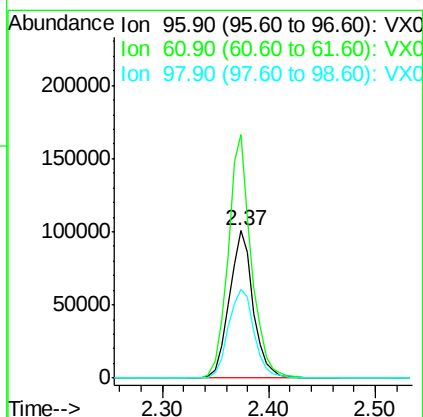
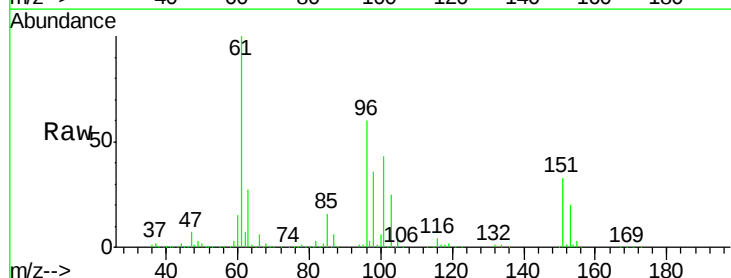
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

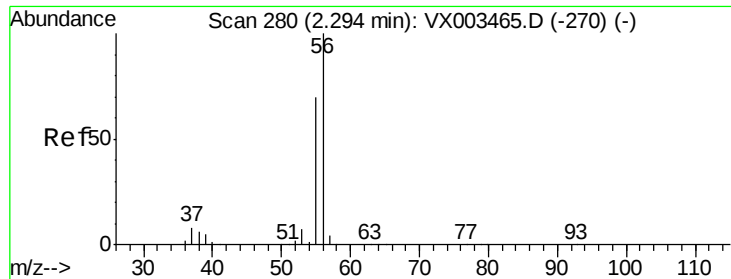
Tot Ion: 59 Resp: 199311
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 53.04 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion: 96 Resp: 158680
Ion Ratio Lower Upper
96 100
61 165.3 137.9 206.9
98 59.9 51.6 77.4





#13

Acrolein

Concen: 227.88 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

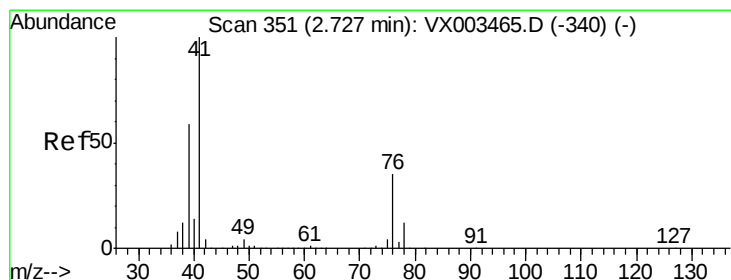
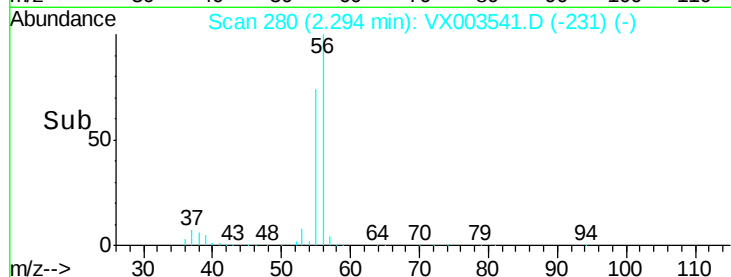
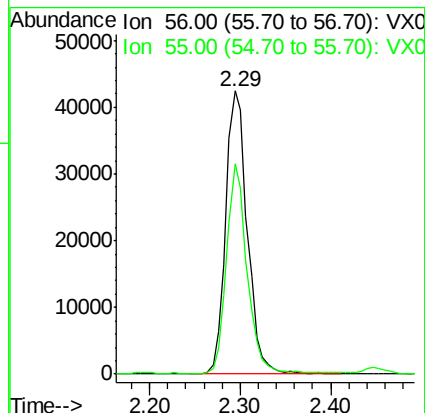
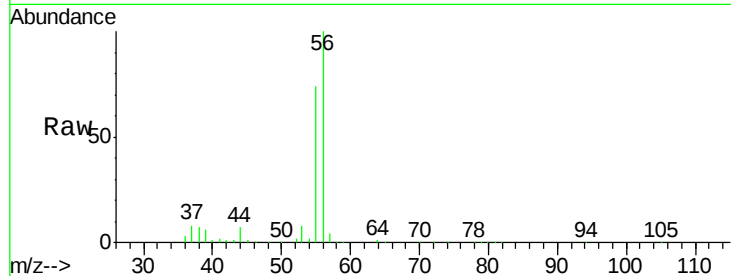
RE104D3-071318MS

Tot Ion: 56 Resp: 70637

Ion Ratio Lower Upper

56 100

55 69.6 57.0 85.4



#14

Allyl chloride

Concen: 54.39 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

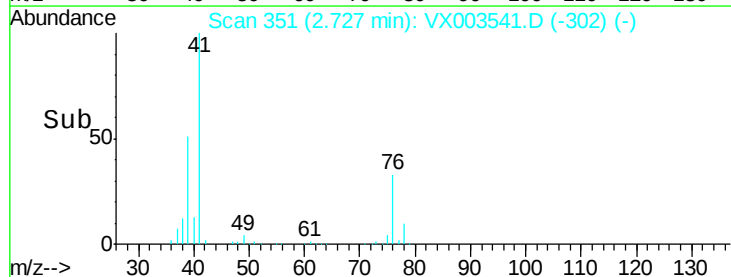
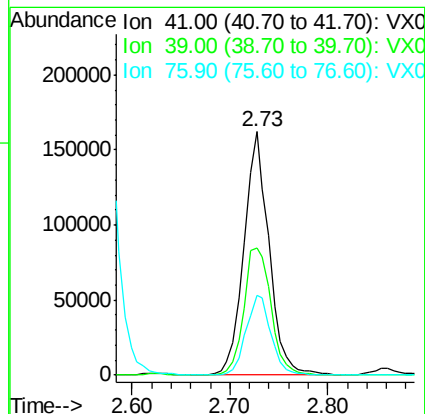
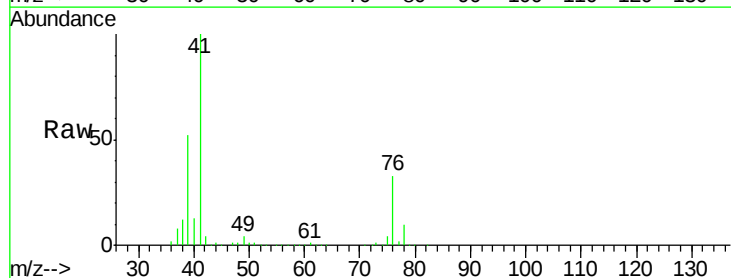
Tgt Ion: 41 Resp: 288047

Ion Ratio Lower Upper

41 100

39 56.6 56.8 85.2#

76 32.7 23.8 35.8





#15

Acrylonitrile

Concen: 279.11 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

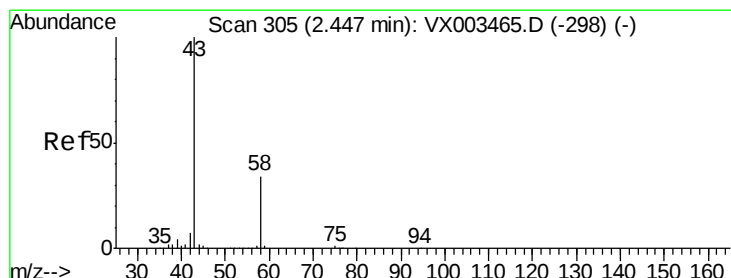
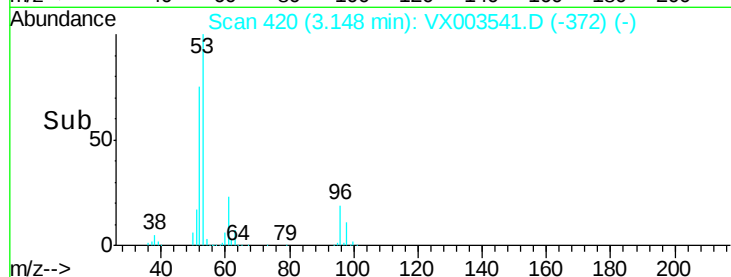
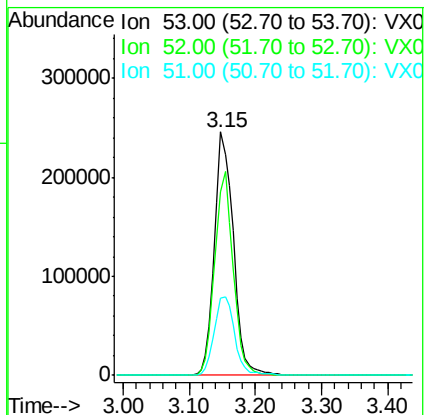
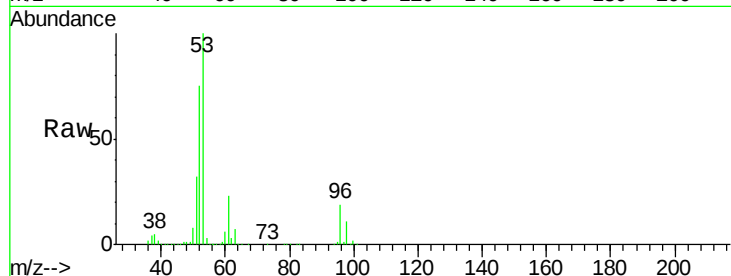
Tot Ion: 53 Resp: 487503

Ion Ratio Lower Upper

53 100

52 80.9 66.7 100.1

51 34.9 29.9 44.9



#16

Acetone

Concen: 309.55 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003541.D

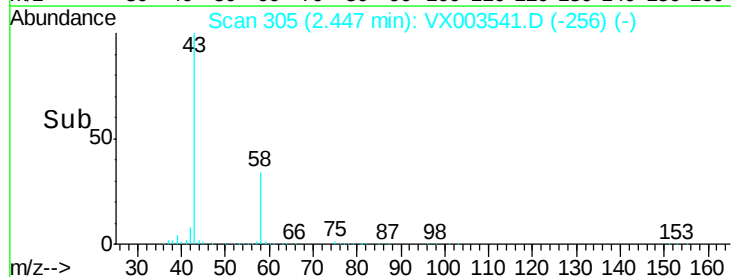
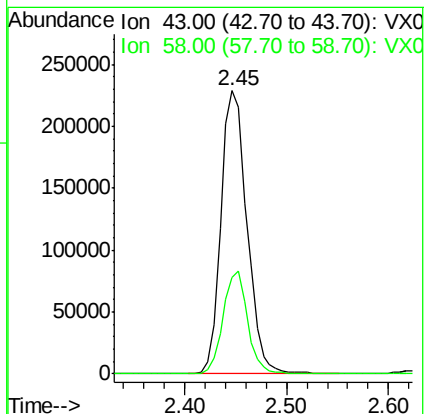
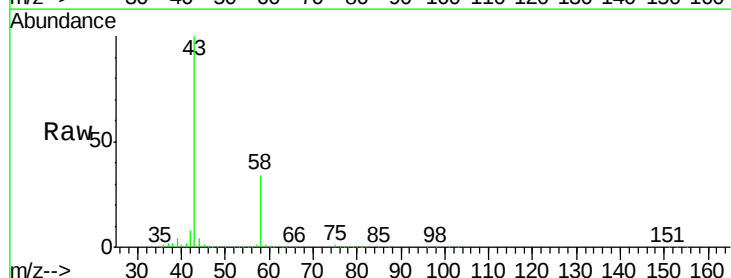
Acq: 21 Jul 2018 06:14

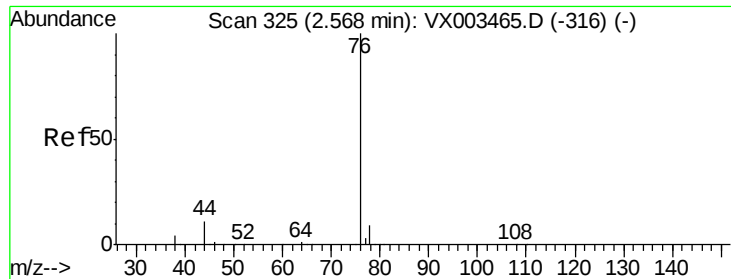
Tgt Ion: 43 Resp: 405383

Ion Ratio Lower Upper

43 100

58 34.3 22.1 33.1#

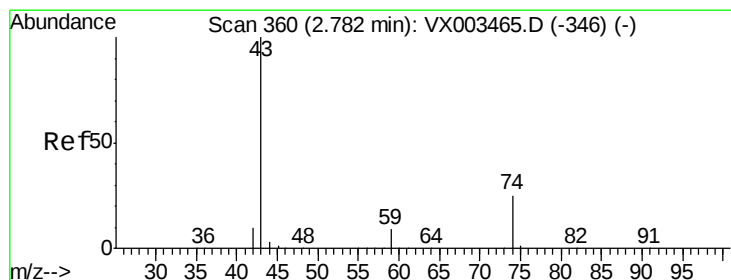
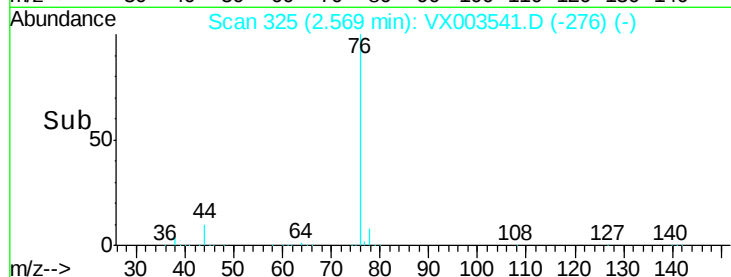
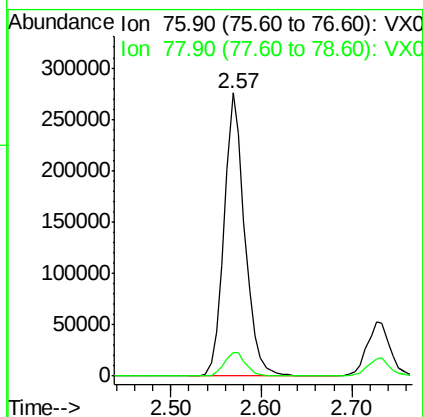
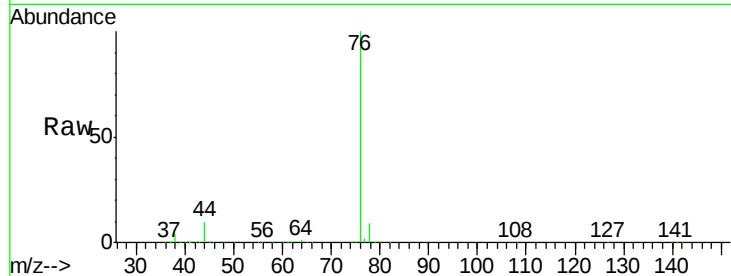




#17
Carbon Disulfide
Concen: 53.90 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

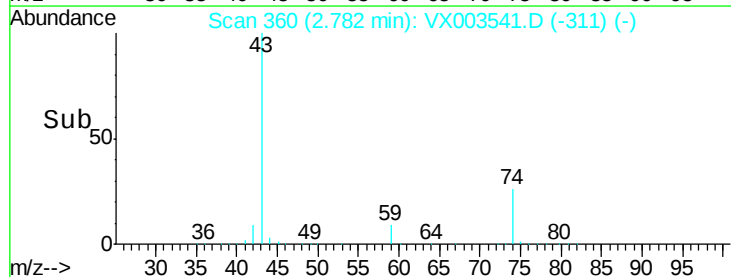
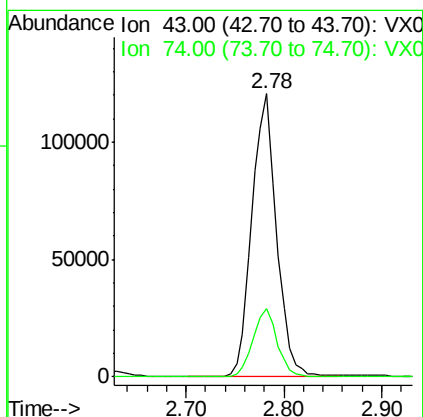
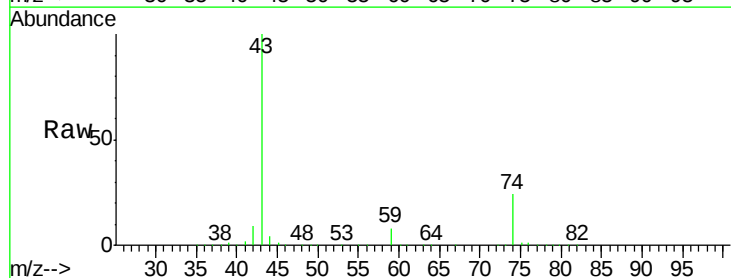
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

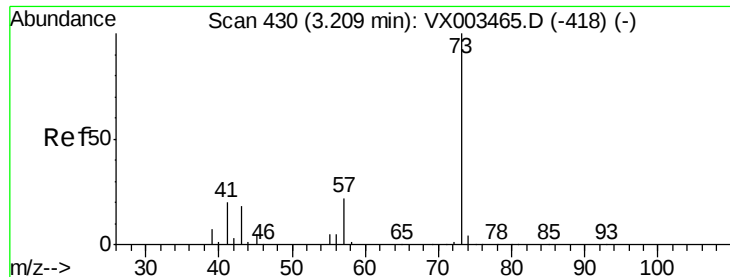
Tot Ion: 76 Resp: 436061
Ion Ratio Lower Upper
76 100
78 8.5 6.9 10.3



#18
Methyl Acetate
Concen: 51.41 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion: 43 Resp: 212234
Ion Ratio Lower Upper
43 100
74 23.9 16.7 25.1

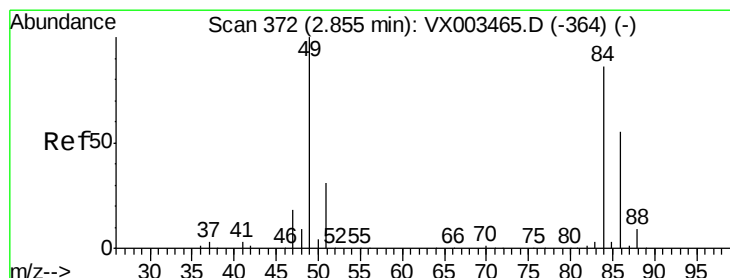
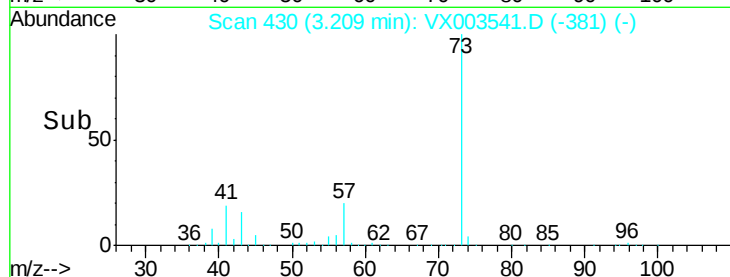
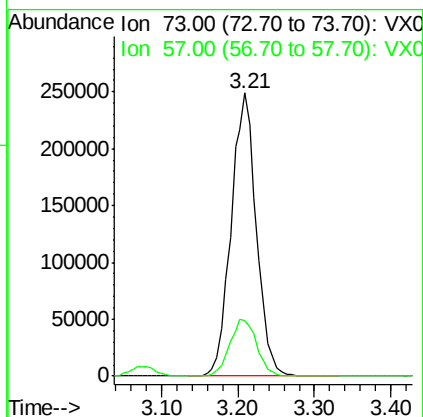
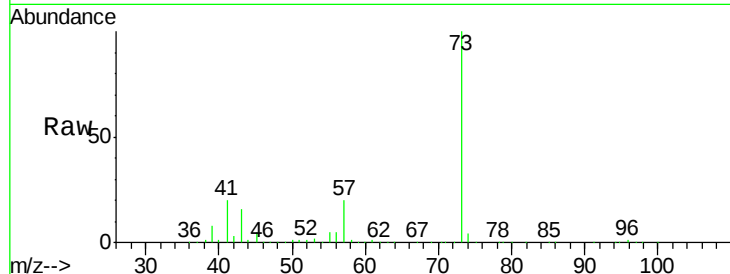




#19
Methyl tert-butyl Ether
Concen: 57.73 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

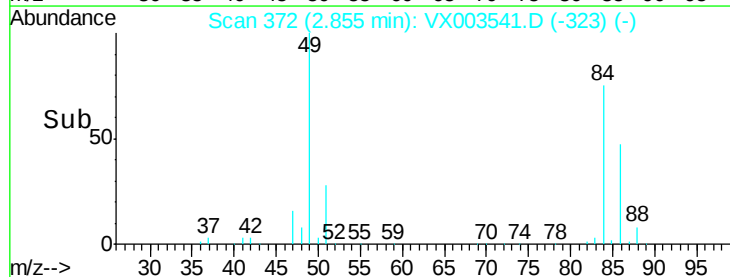
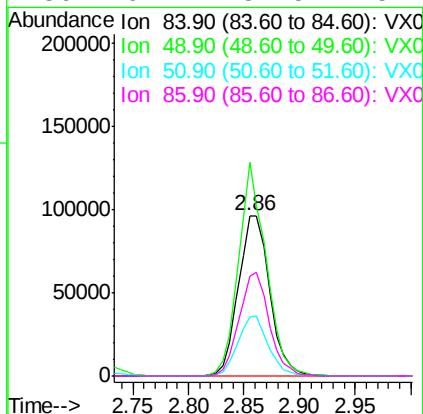
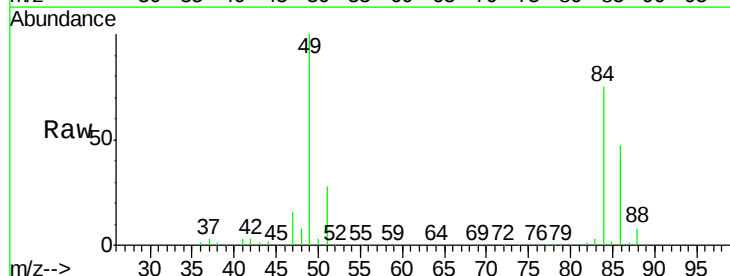
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

Tot Ion: 73 Resp: 563948
Ion Ratio Lower Upper
73 100
57 19.6 17.7 26.5



#20
Methylene Chloride
Concen: 59.13 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion: 84 Resp: 188836
Ion Ratio Lower Upper
84 100
49 133.4 107.8 161.6
51 36.9 32.8 49.2
86 62.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 51.60 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

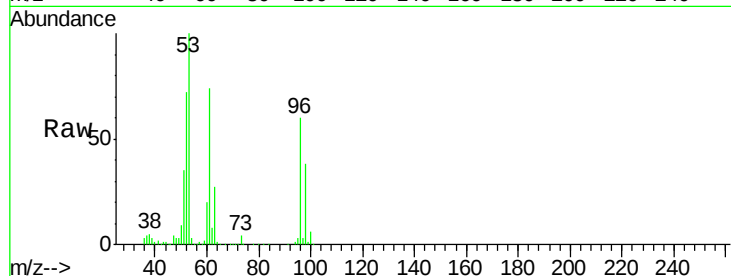
Tot Ion: 96 Resp: 171751

Ion Ratio Lower Upper

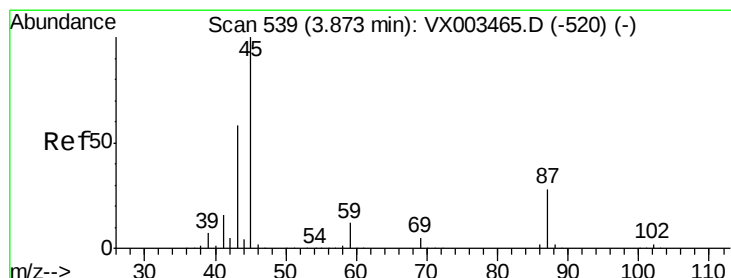
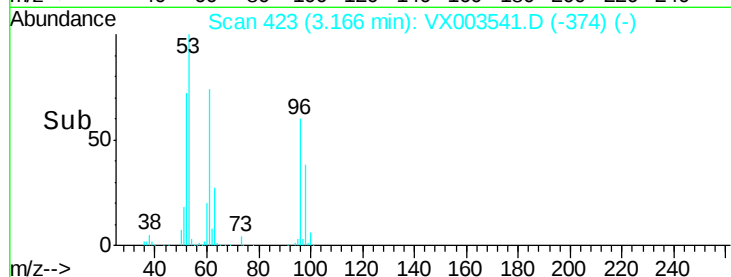
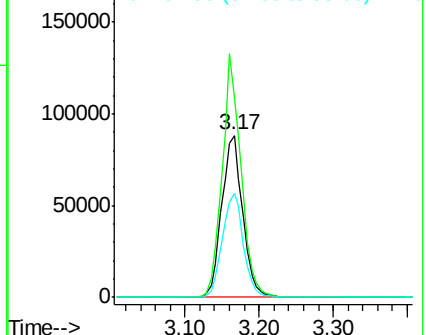
96 100

61 122.1 117.0 175.4

98 63.8 52.4 78.6



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



#22

Diisopropyl ether

Concen: 59.23 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Tgt Ion: 45 Resp: 590217

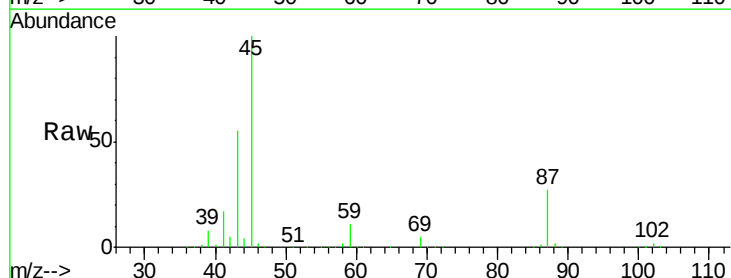
Ion Ratio Lower Upper

45 100

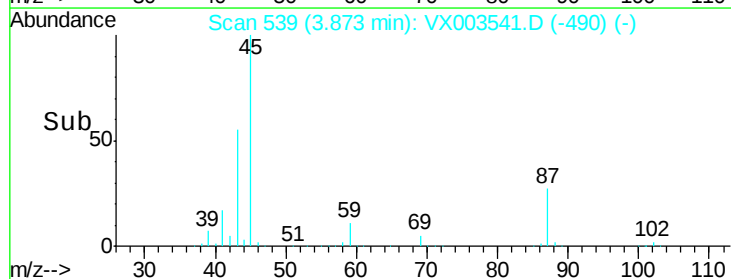
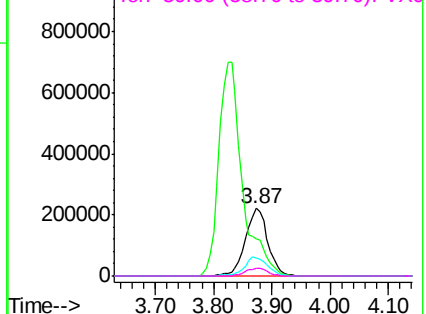
43 54.6 46.8 70.2

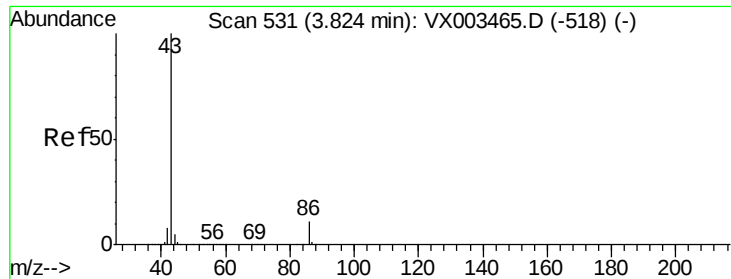
87 26.7 20.2 30.4

59 11.5 8.7 13.1



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: 238.46 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

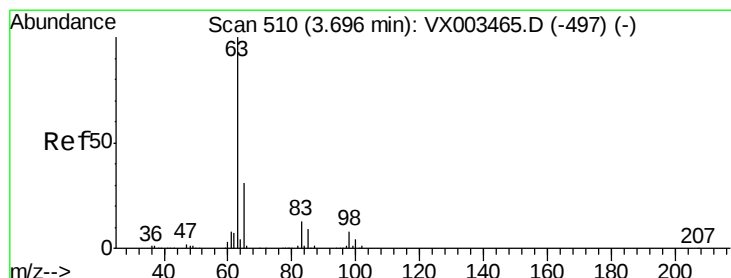
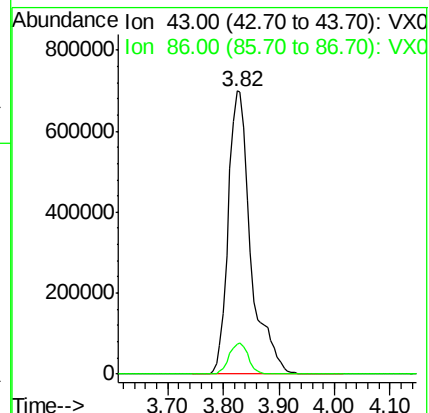
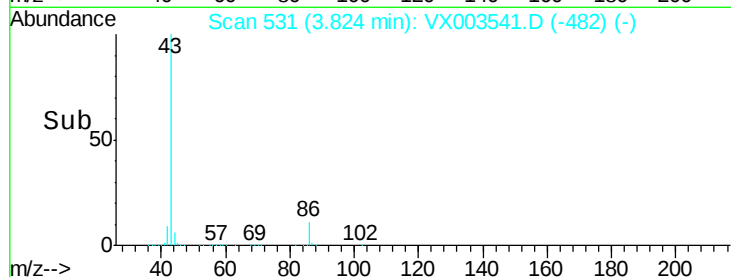
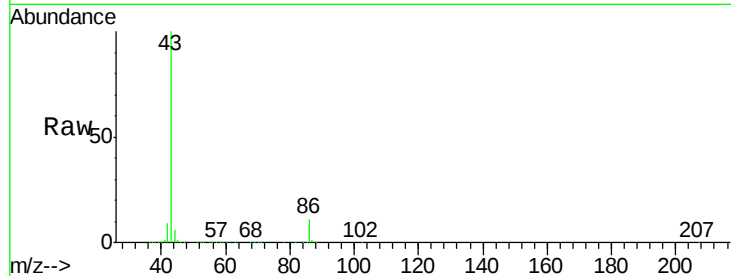
RE104D3-071318MS

Tot Ion: 43 Resp: 1957274

Ion Ratio Lower Upper

43 100

86 10.8 7.4 11.0



#24

1,1-Dichloroethane

Concen: 58.45 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

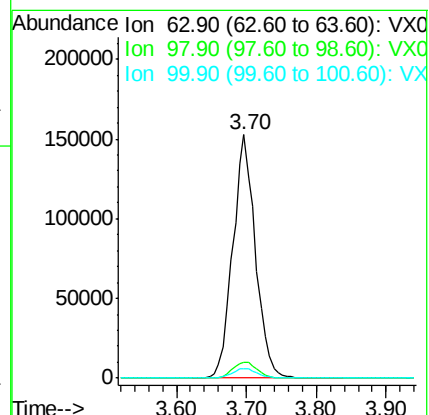
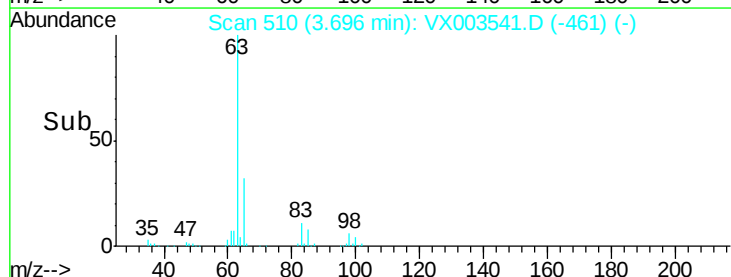
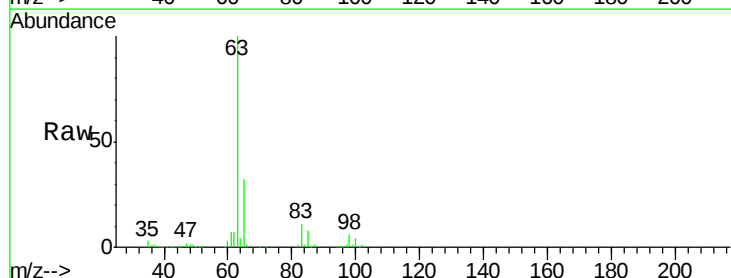
Tgt Ion: 63 Resp: 341713

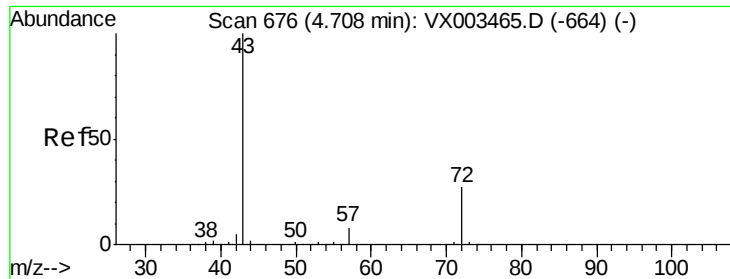
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 3.8 2.0 6.0





#25

2-Butanone

Concen: 296.57 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

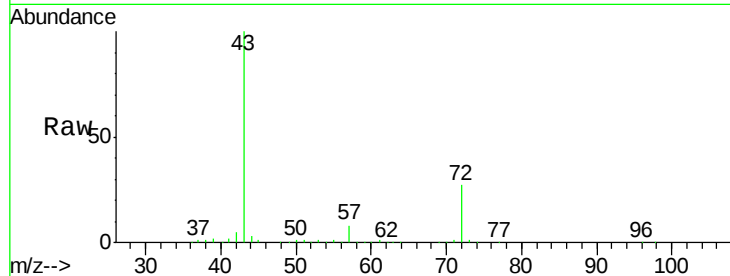
RE104D3-071318MS

Tot Ion: 43 Resp: 651633

Ion Ratio Lower Upper

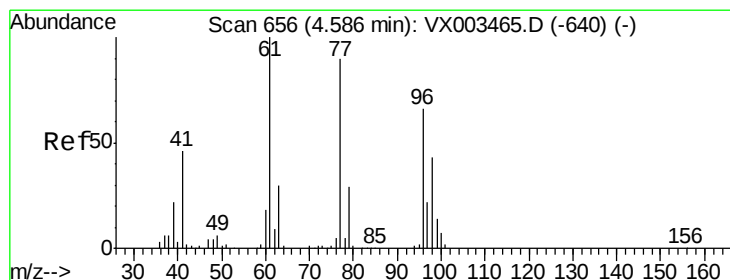
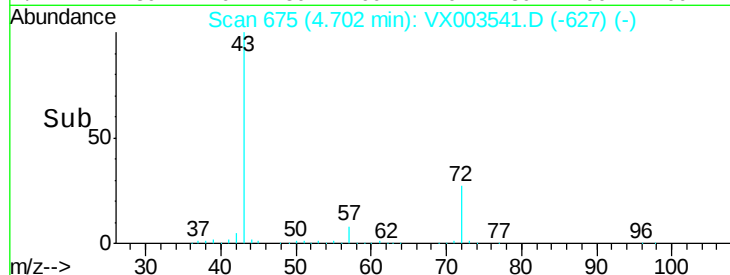
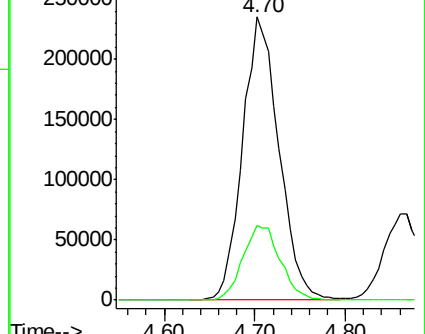
43 100

72 26.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 31.78 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003541.D

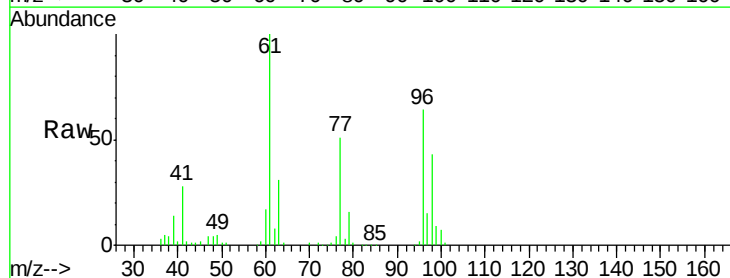
Acq: 21 Jul 2018 06:14

Tgt Ion: 77 Resp: 141125

Ion Ratio Lower Upper

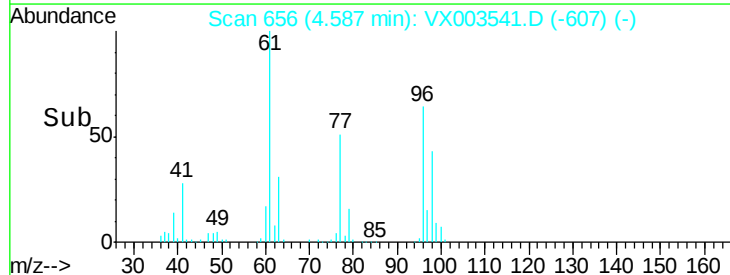
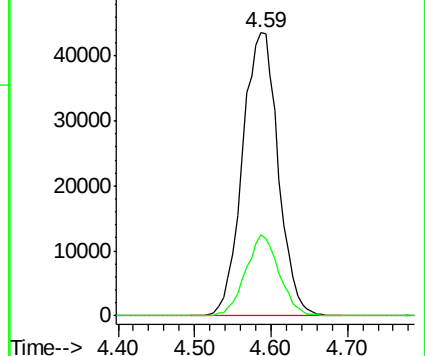
77 100

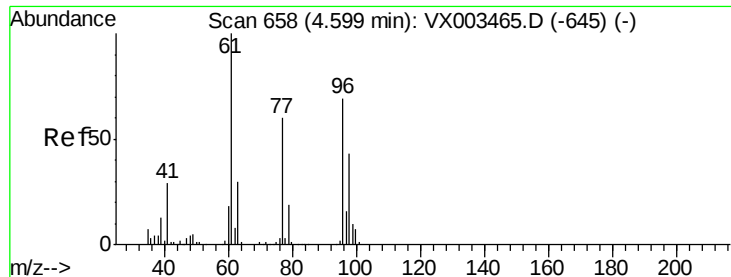
97 27.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



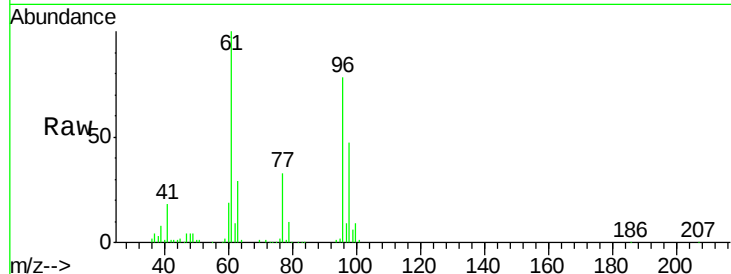


#27

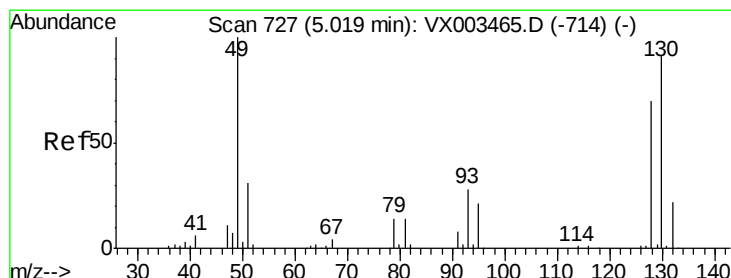
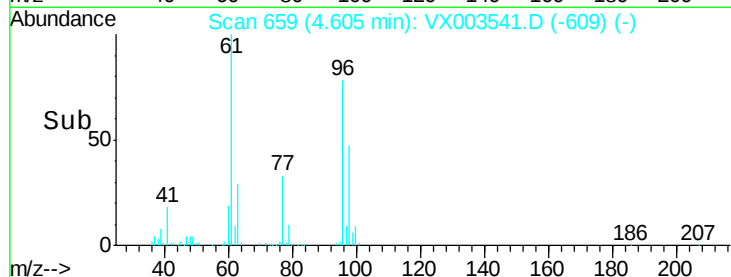
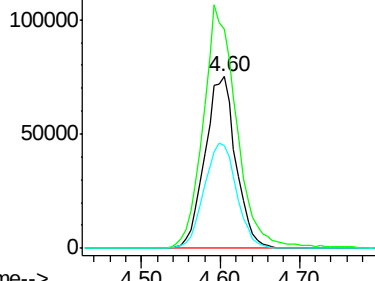
cis-1,2-Dichloroethene
Concen: 55.30 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.8	0.0	330.2
98	64.1	0.0	130.2



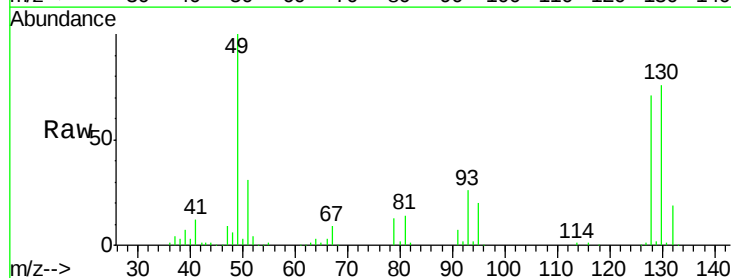
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



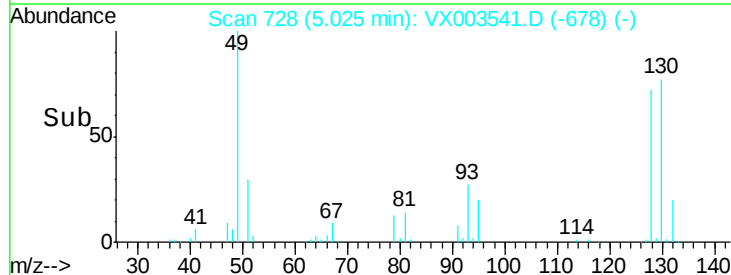
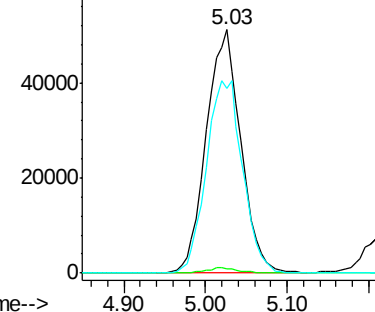
#28

Bromochloromethane
Concen: 58.68 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.01 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	83.5	61.2	91.8



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: 287.51 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

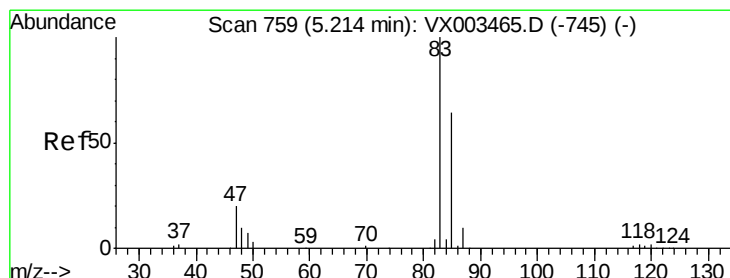
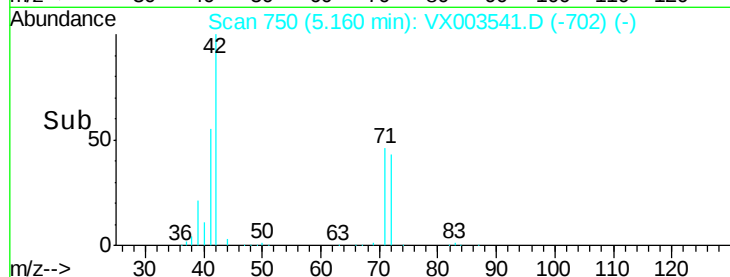
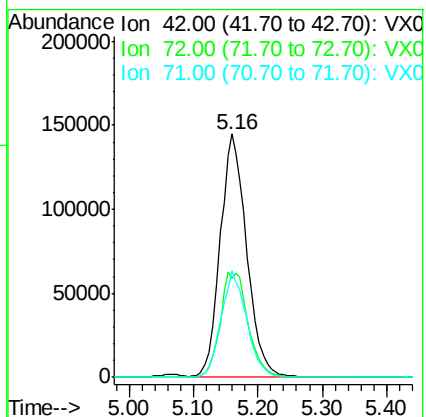
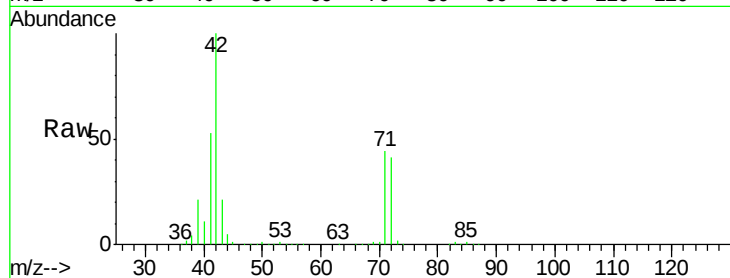
Tot Ion: 42 Resp: 417307

Ion Ratio Lower Upper

42 100

72 45.9 32.0 48.0

71 42.7 30.1 45.1



#30

Chloroform

Concen: 57.11 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX003541.D

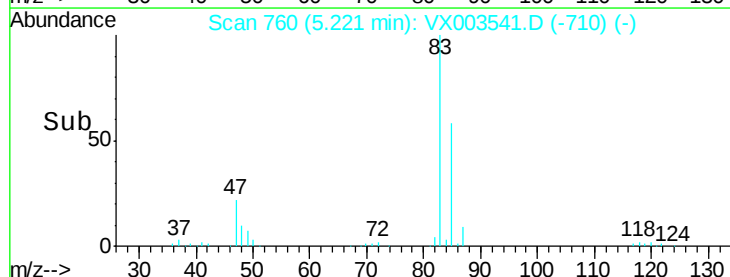
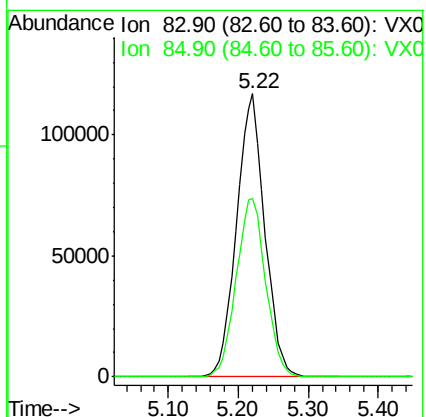
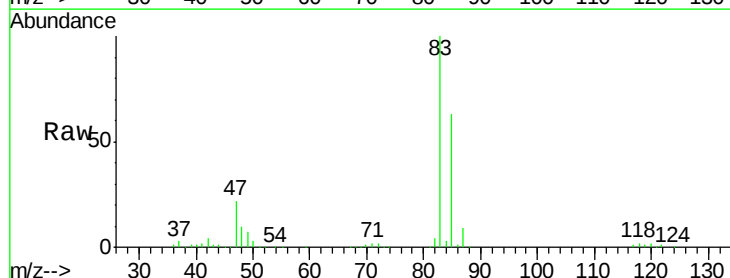
Acq: 21 Jul 2018 06:14

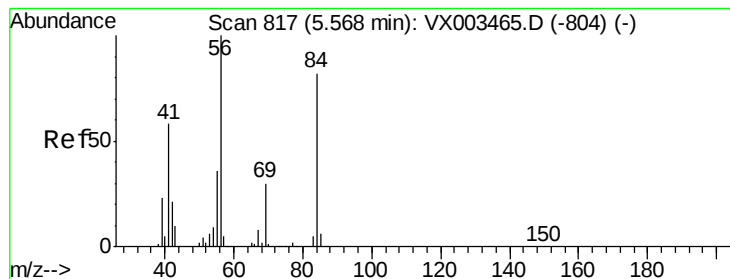
Tgt Ion: 83 Resp: 326044

Ion Ratio Lower Upper

83 100

85 63.2 50.4 75.6





#31

Cyclohexane

Concen: 51.93 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

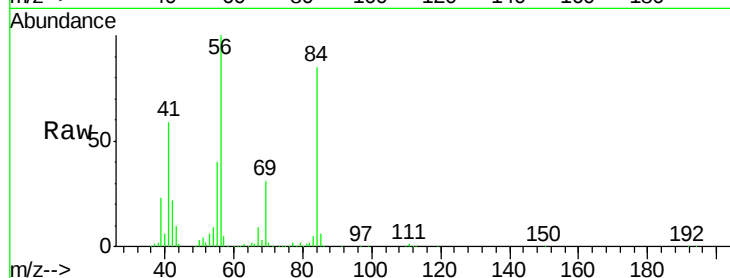
Tot Ion: 56 Resp: 271276

Ion Ratio Lower Upper

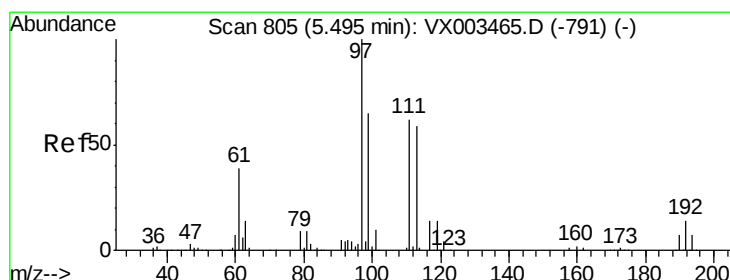
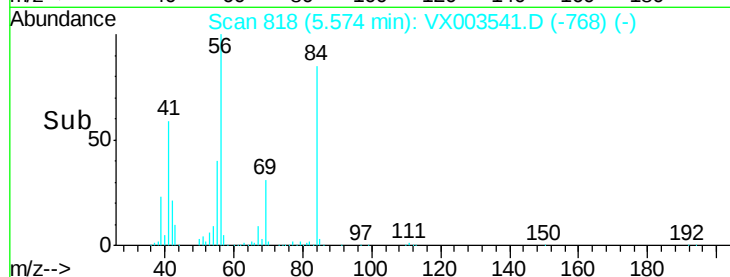
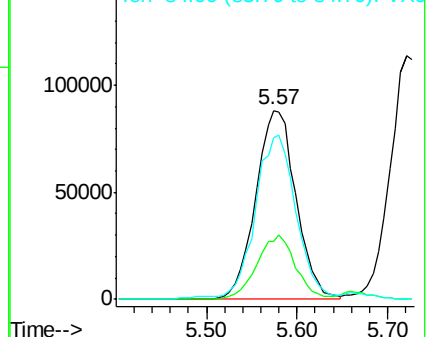
56 100

69 30.6 23.7 35.5

84 84.2 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 56.21 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

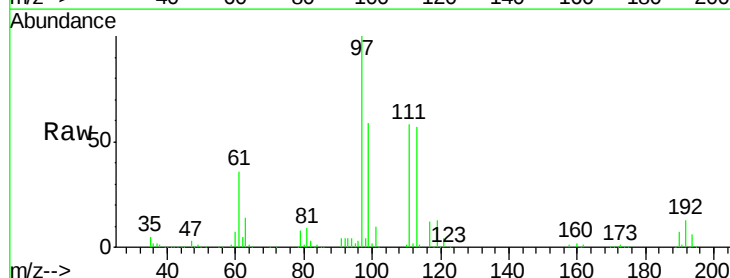
Tgt Ion: 97 Resp: 274789

Ion Ratio Lower Upper

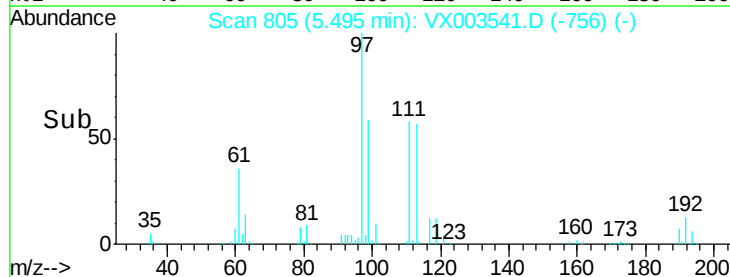
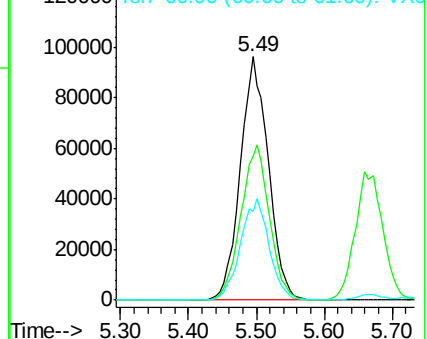
97 100

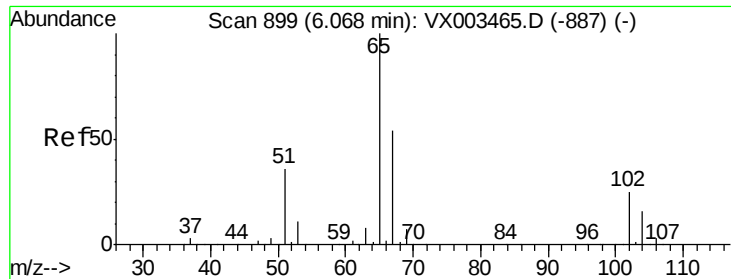
99 65.0 51.6 77.4

61 42.4 36.4 54.6



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





#33

1,2-Dichloroethane-d4

Concen: 55.20 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

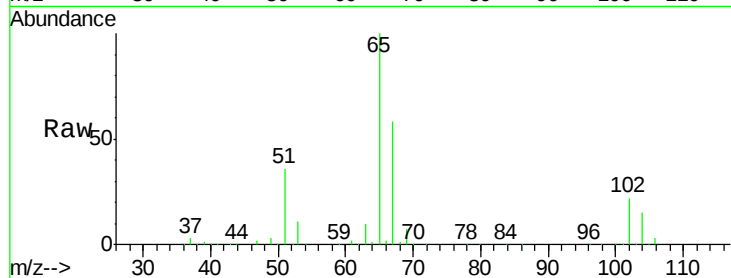
RE104D3-071318MS

Tot Ion: 65 Resp: 191364

Ion Ratio Lower Upper

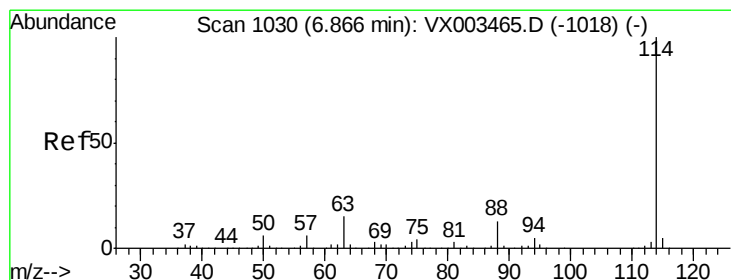
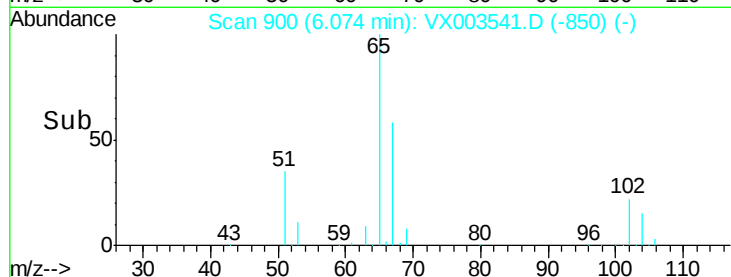
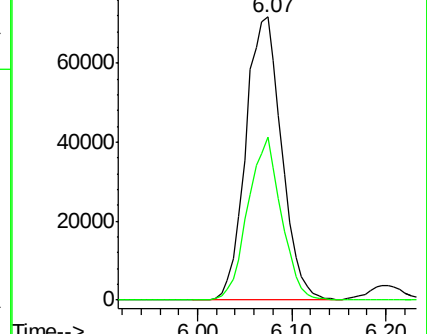
65 100

67 53.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

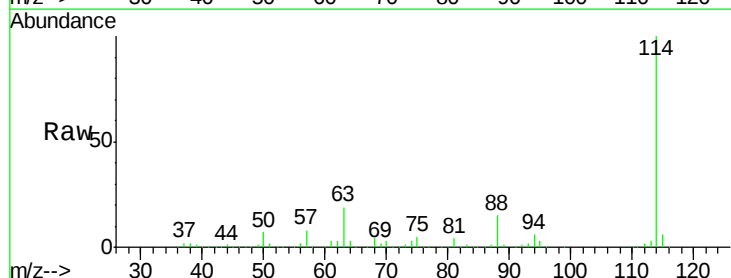
Tgt Ion: 114 Resp: 404632

Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.4

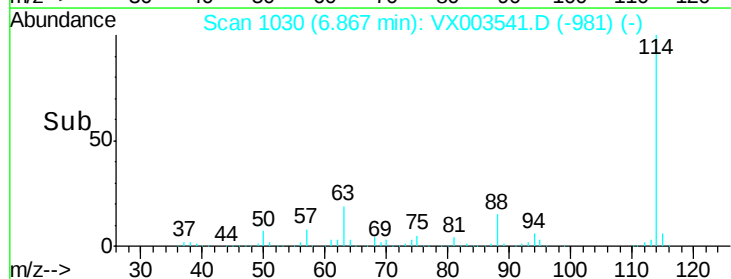
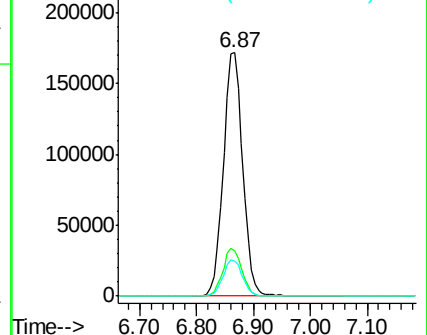
88 14.5 0.0 30.0

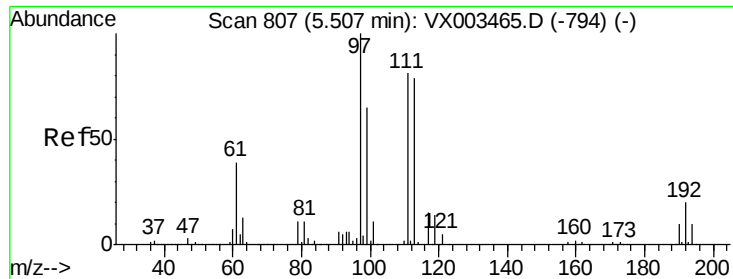


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

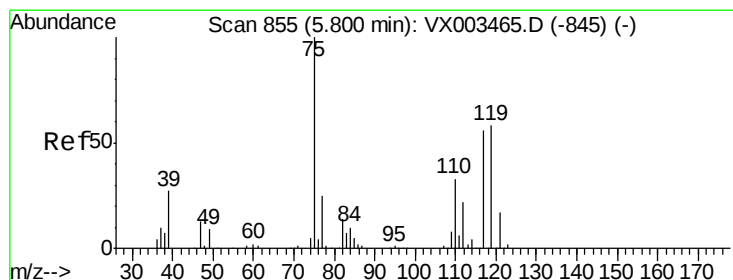
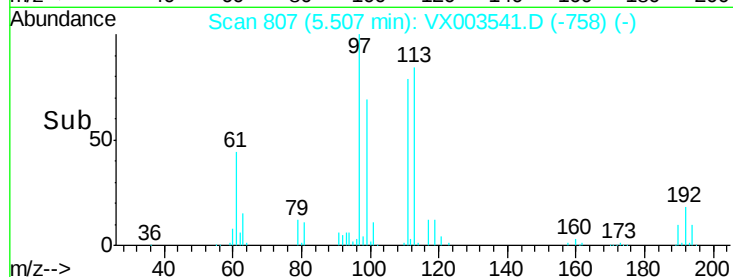
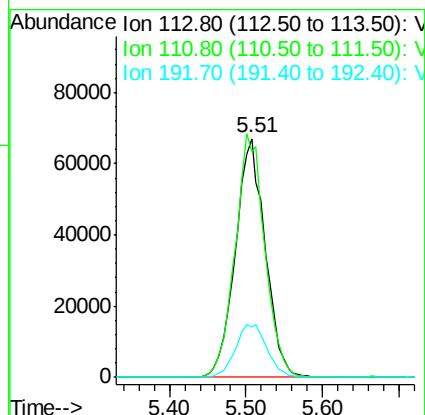
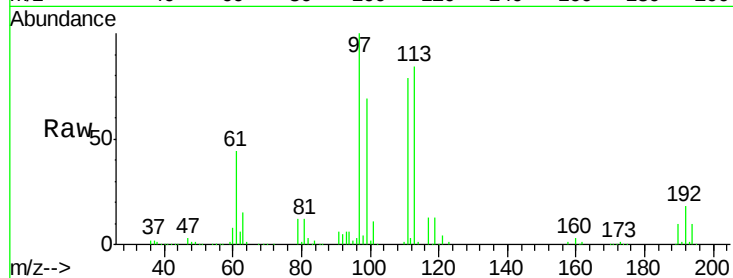




#35
 Dibromofluoromethane
 Concen: 58.71 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

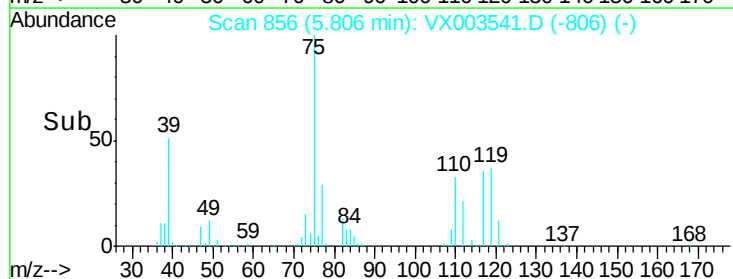
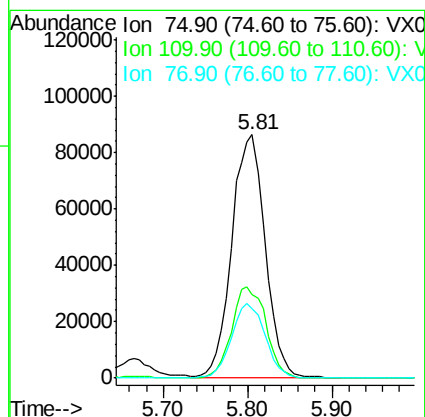
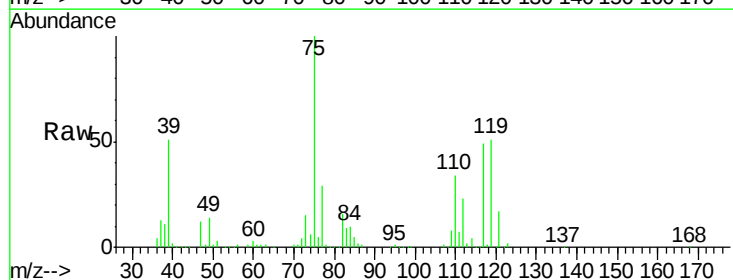
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MS

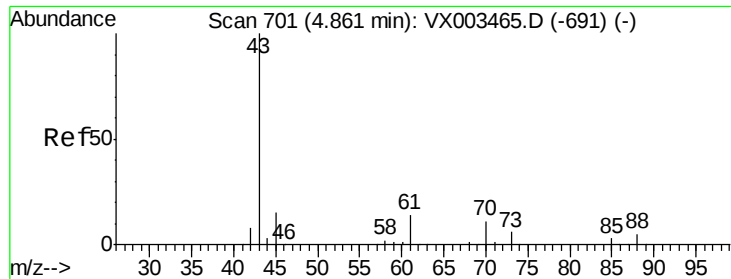
Tot Ion:113 Resp: 180927
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.4 122.0
 192 23.6 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 53.02 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Tgt Ion: 75 Resp: 231623
 Ion Ratio Lower Upper
 75 100
 110 38.8 18.1 54.4
 77 31.5 24.3 36.5

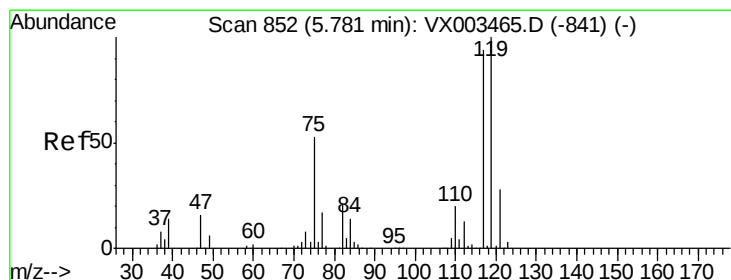
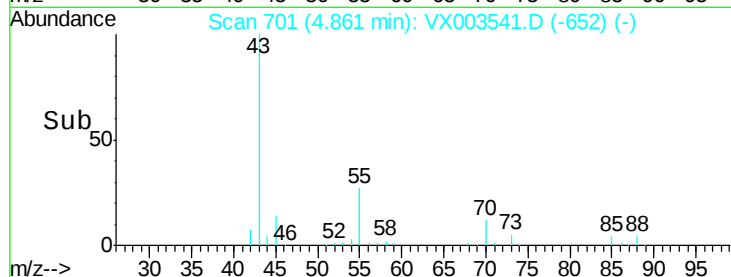
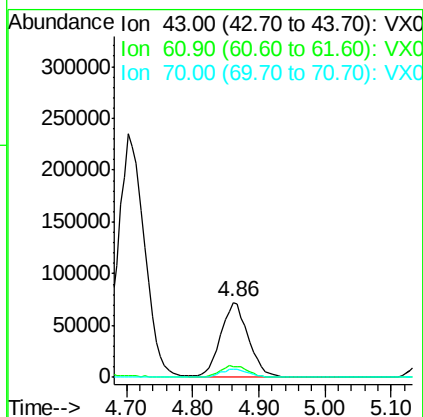
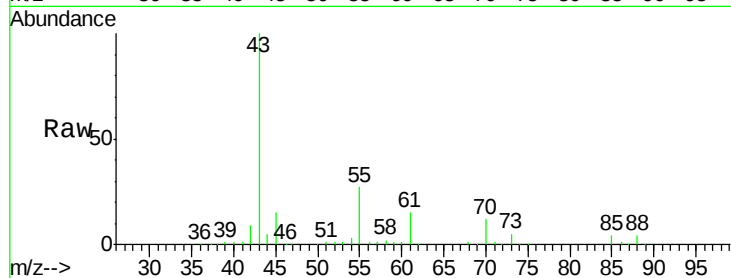




#37
Ethyl Acetate
Concen: 50.70 ug/l
RT: 4.86 min Scan# 701
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

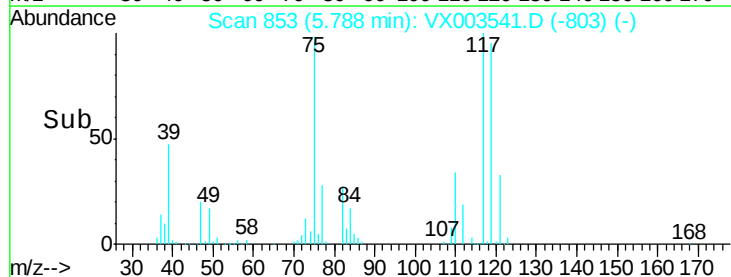
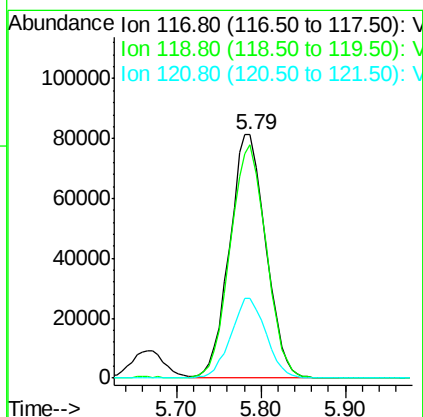
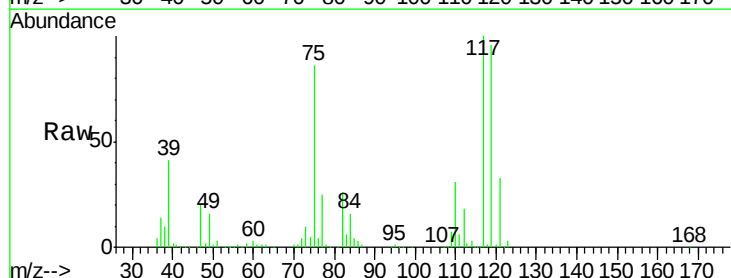
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

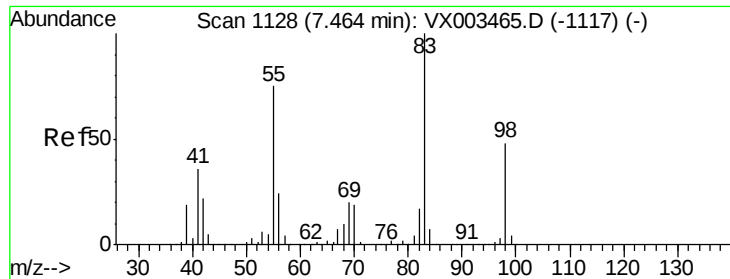
Tot Ion: 43 Resp: 209610
Ion Ratio Lower Upper
43 100
61 15.1 10.4 15.6
70 11.1 7.6 11.4



#38
Carbon Tetrachloride
Concen: 55.29 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion: 117 Resp: 236936
Ion Ratio Lower Upper
117 100
119 95.8 77.4 116.0
121 32.7 24.4 36.6

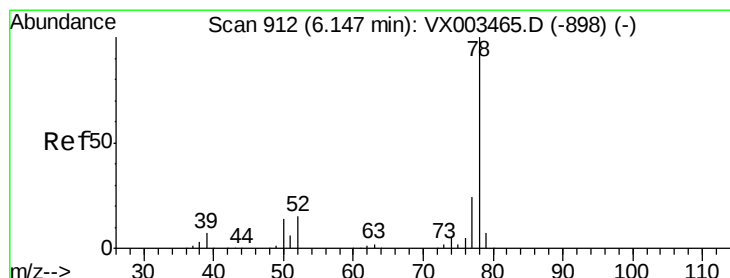
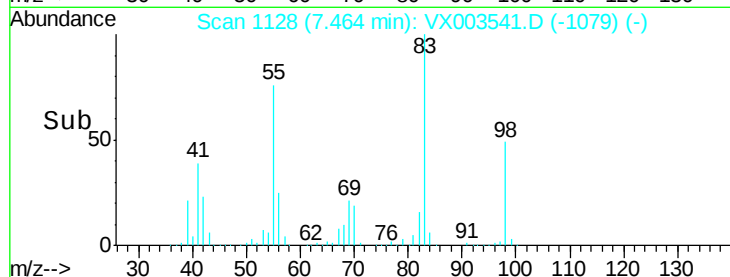
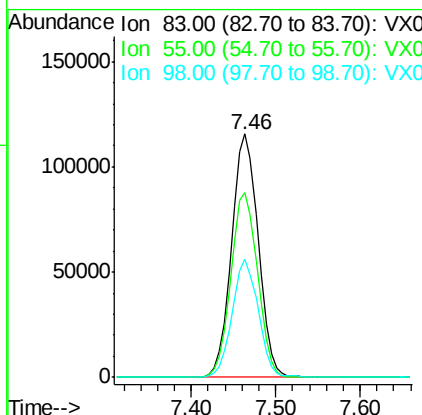
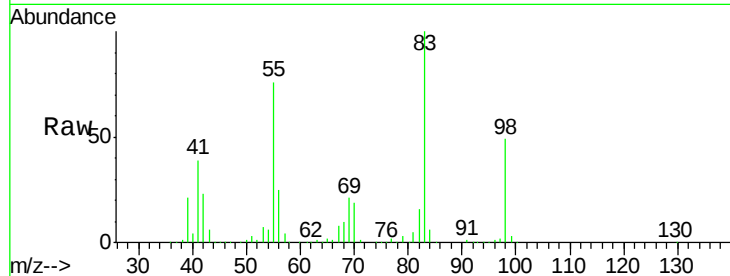




#39
Methvlcvclohexane
Concen: 47.69 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

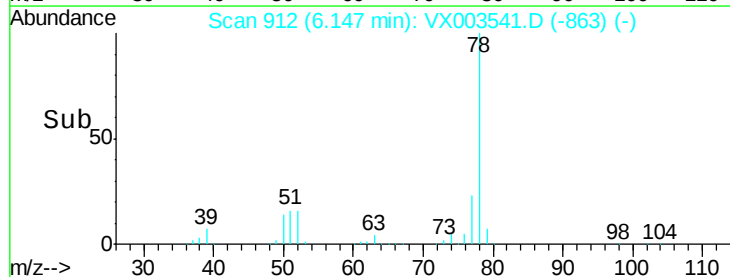
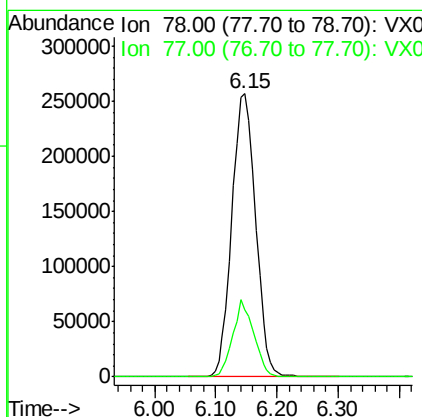
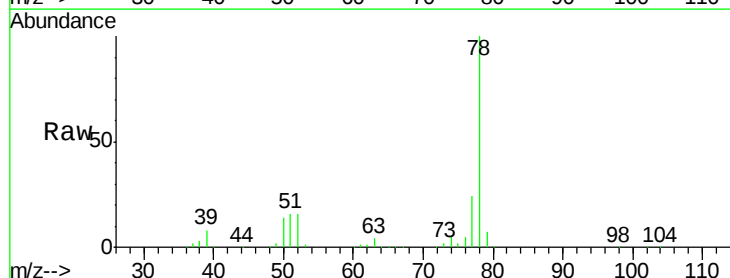
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

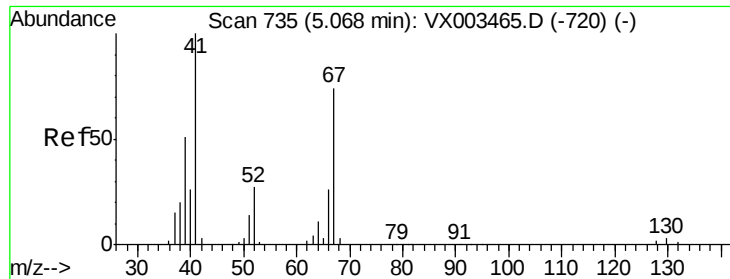
Tot Ion: 83 Resp: 246767
Ion Ratio Lower Upper
83 100
55 75.9 65.4 98.0
98 48.5 37.4 56.0



#40
Benzene
Concen: 52.07 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion: 78 Resp: 686783
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

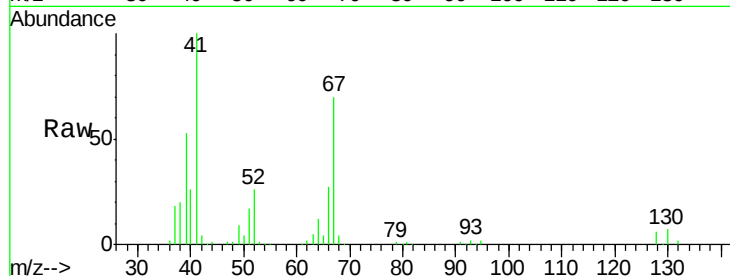




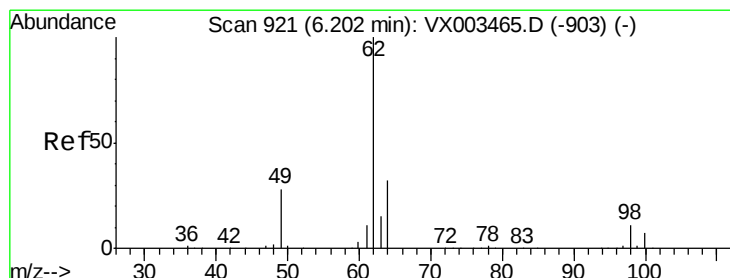
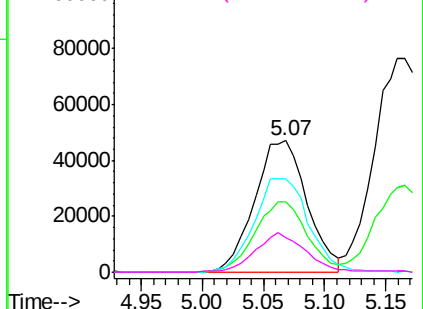
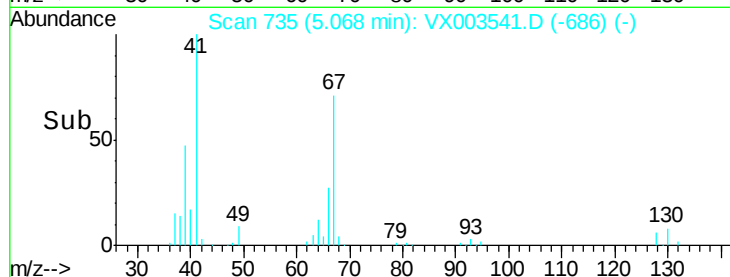
#41
Methacrylonitrile
Concen: 57.78 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

Tot Ion: 41 Resp: 140392
Ion Ratio Lower Upper
41 100
39 53.3 45.8 68.6
67 74.7 51.3 76.9
52 28.5 23.0 34.6

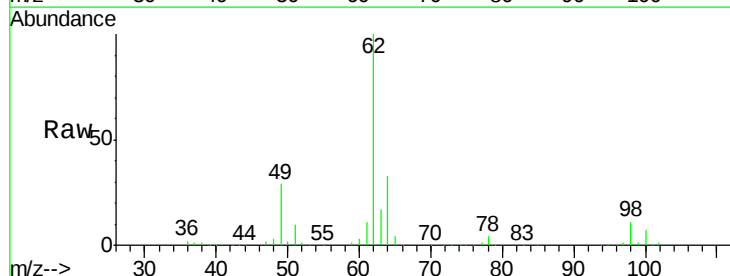


Abundance Ion 41.00 (40.70 to 41.70): VX0
120000
Ion 39.00 (38.70 to 39.70): VX0
100000
Ion 67.00 (66.70 to 67.70): VX0
80000
Ion 52.00 (51.70 to 52.70): VX0

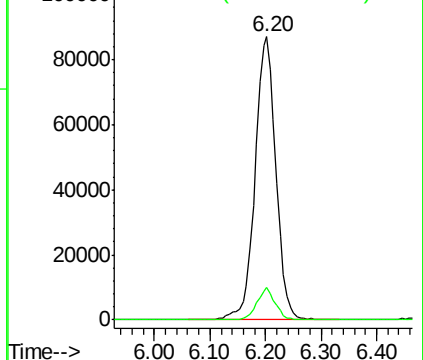
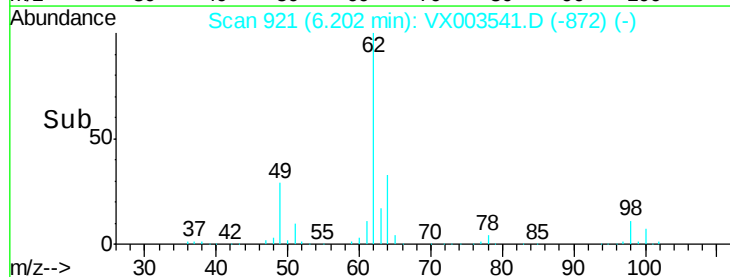


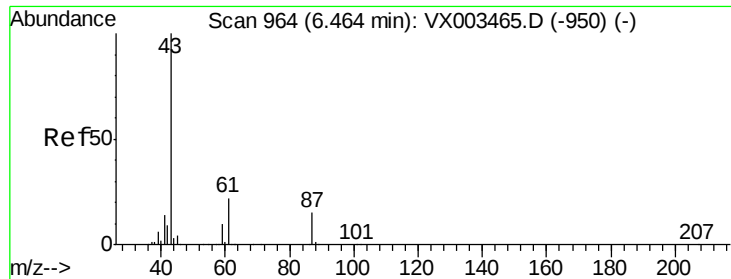
#42
1,2-Dichloroethane
Concen: 54.69 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion: 62 Resp: 227294
Ion Ratio Lower Upper
62 100
98 10.0 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
100000
Ion 97.90 (97.60 to 98.60): VX0



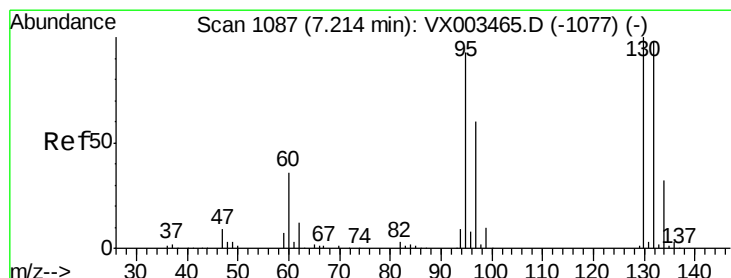
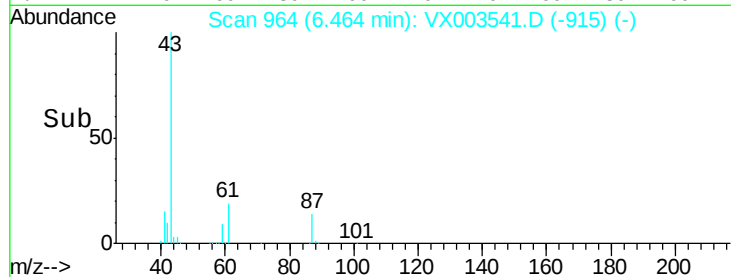
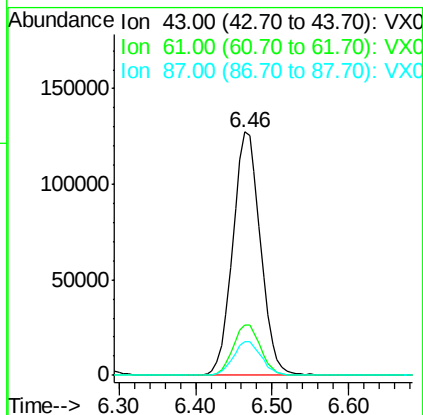
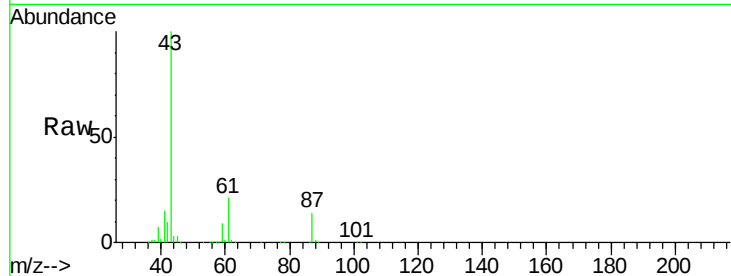


#43

Isopropyl Acetate
 Concen: 48.27 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MS

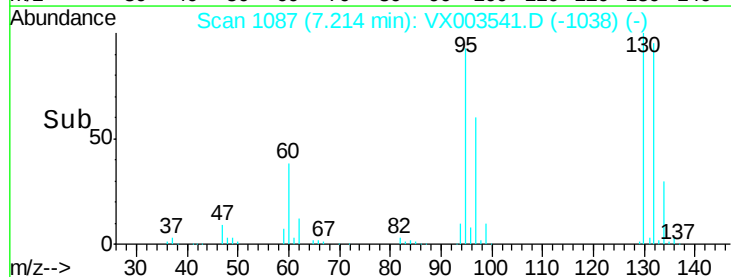
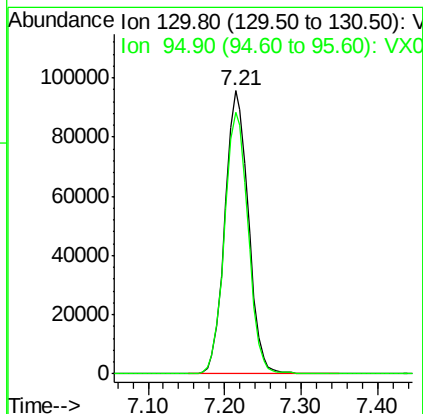
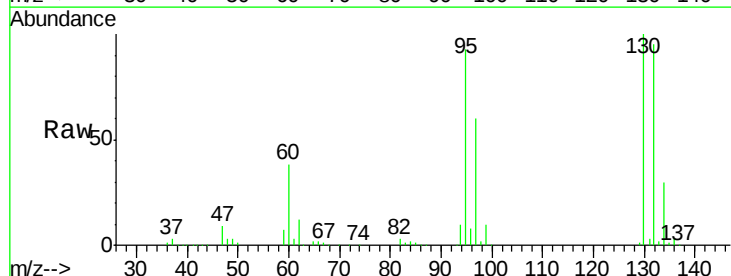
Tot Ion: 43 Resp: 317456
 Ion Ratio Lower Upper
 43 100
 61 20.8 14.4 21.6
 87 14.0 9.5 14.3



#44

Trichloroethene
 Concen: 51.67 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Tgt Ion: 130 Resp: 203241
 Ion Ratio Lower Upper
 130 100
 95 92.6 0.0 185.4





#45

1,2-Dichloropropane

Concen: 52.75 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

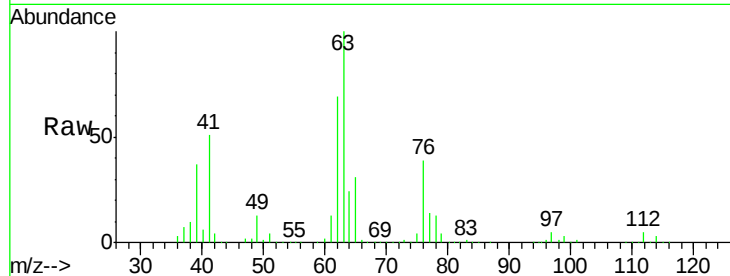
RE104D3-071318MS

Tot Ion: 63 Resp: 176655

Ion Ratio Lower Upper

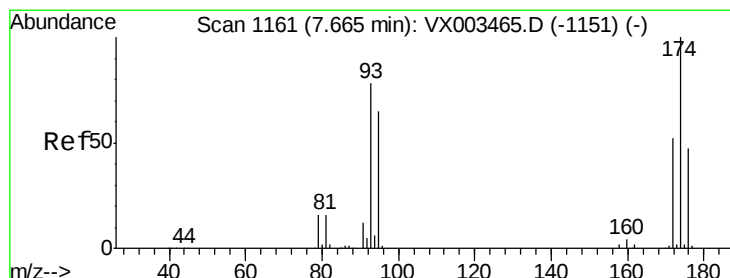
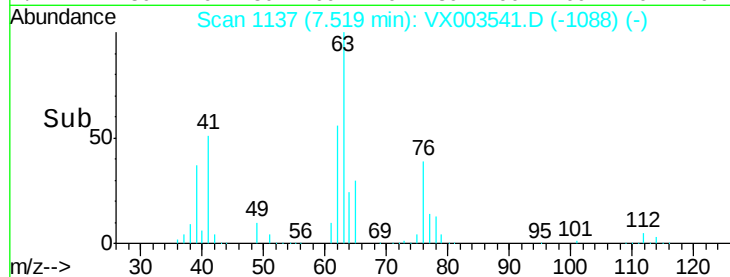
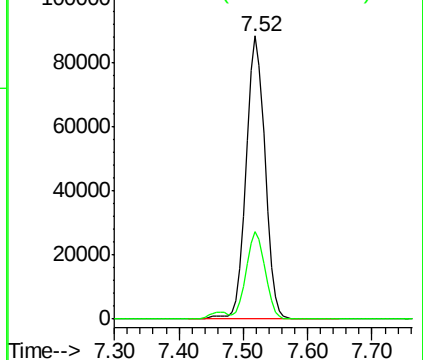
63 100

65 31.1 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 53.14 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

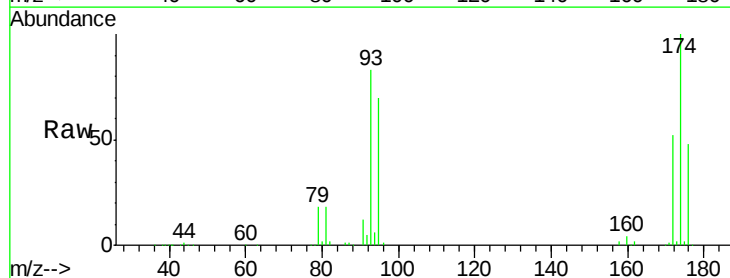
Tgt Ion: 93 Resp: 114574

Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

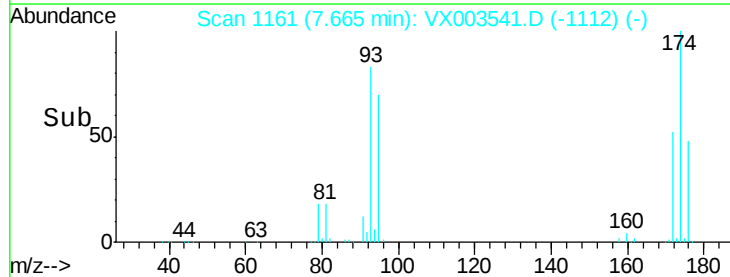
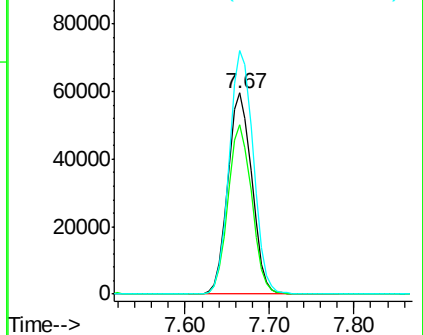
174 121.1 92.4 138.6

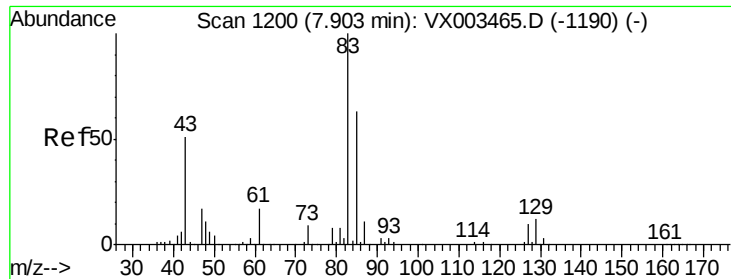


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.77 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

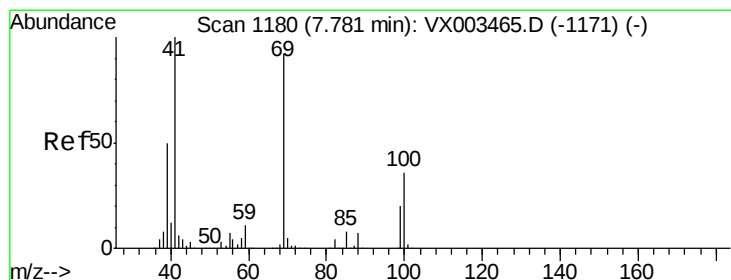
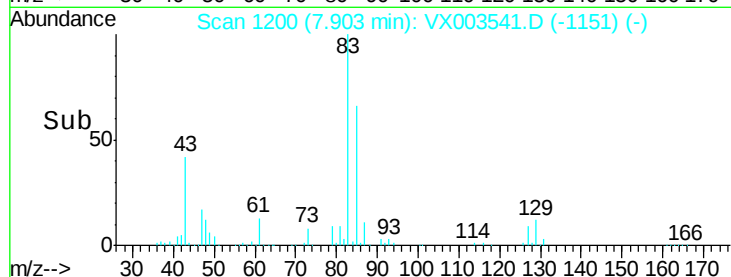
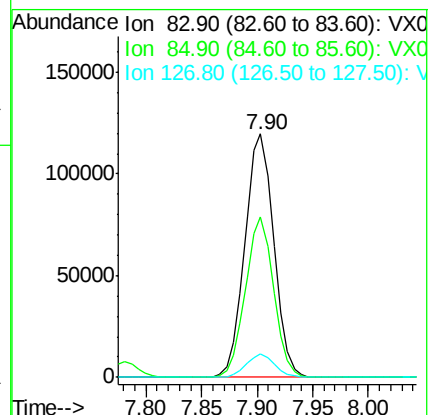
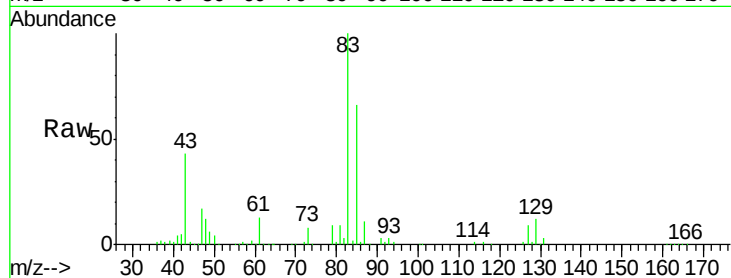
Tot Ion: 83 Resp: 216208

Ion Ratio Lower Upper

83 100

85 66.0 50.3 75.5

127 9.4 7.0 10.4



#48

Methyl methacrylate

Concen: 55.32 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

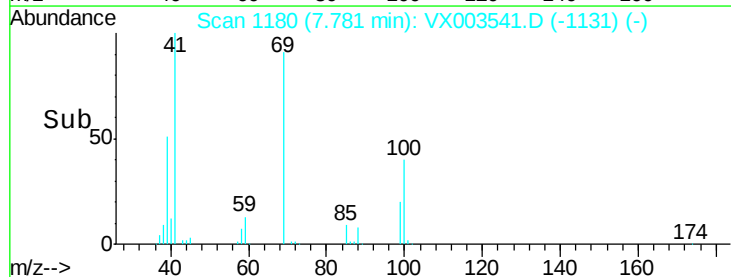
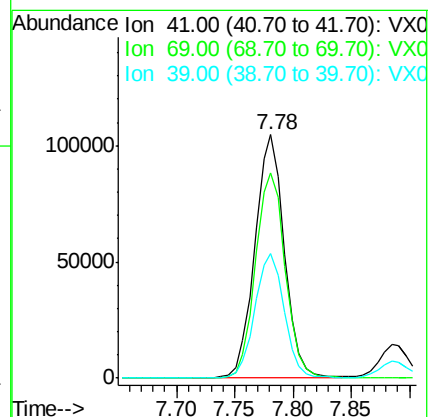
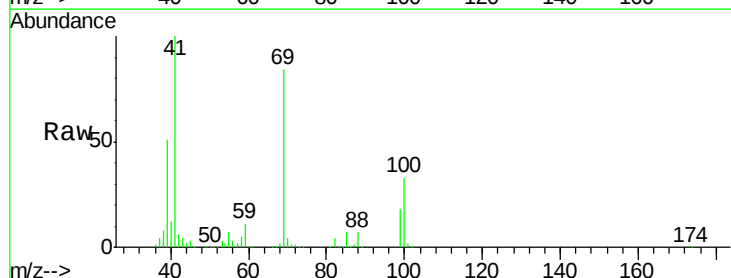
Tgt Ion: 41 Resp: 183452

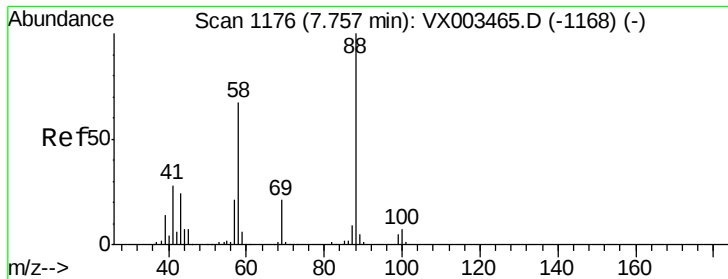
Ion Ratio Lower Upper

41 100

69 86.6 59.1 88.7

39 51.2 48.9 73.3





#49

1,4-Dioxane

Concen: 1067.54 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

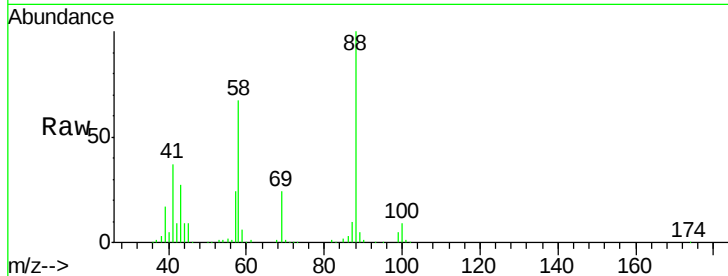
Tot Ion: 88 Resp: 80215

Ion Ratio Lower Upper

88 100

43 31.0 29.8 44.6

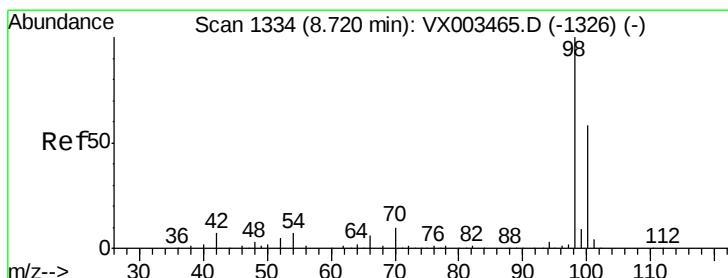
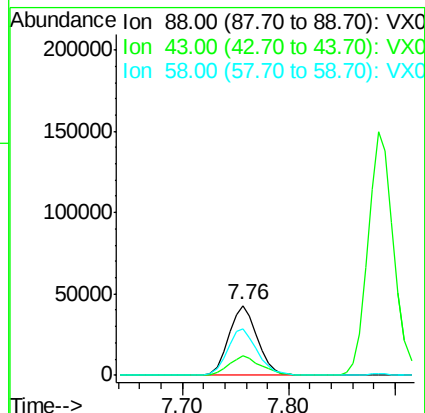
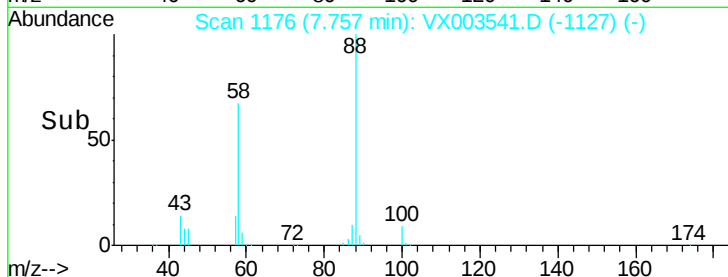
58 70.0 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 53.27 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003541.D

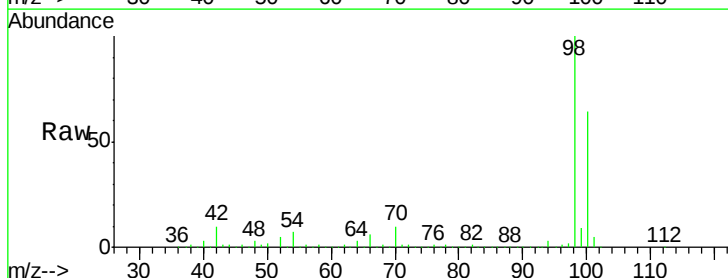
Acq: 21 Jul 2018 06:14

Tgt Ion: 98 Resp: 617100

Ion Ratio Lower Upper

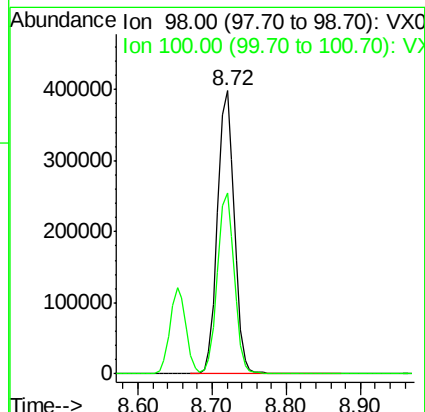
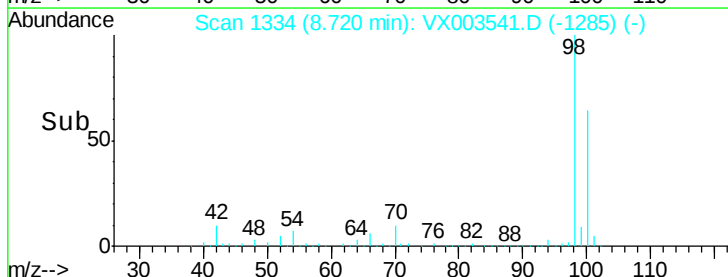
98 100

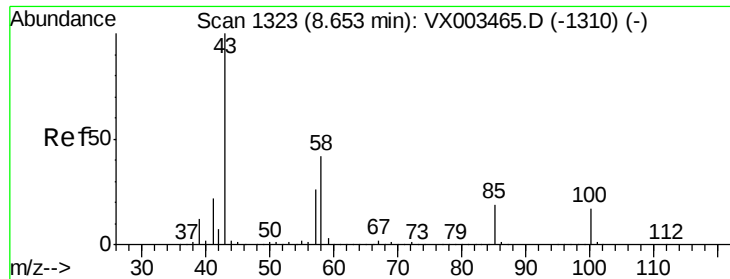
100 64.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 282.42 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

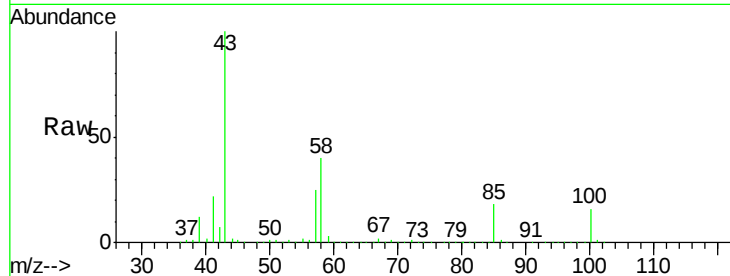
RE104D3-071318MS

Tot Ion: 43 Resp: 1173298

Ion Ratio Lower Upper

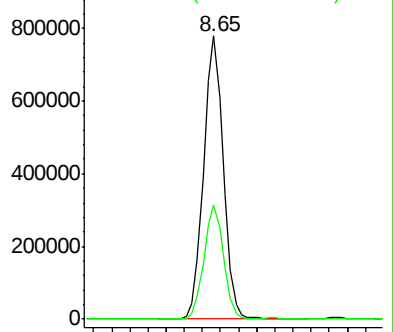
43 100

58 40.0 28.6 42.8

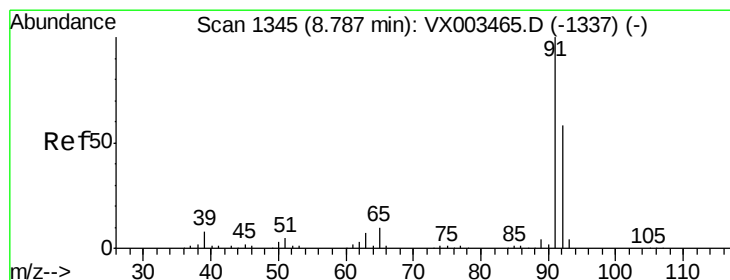
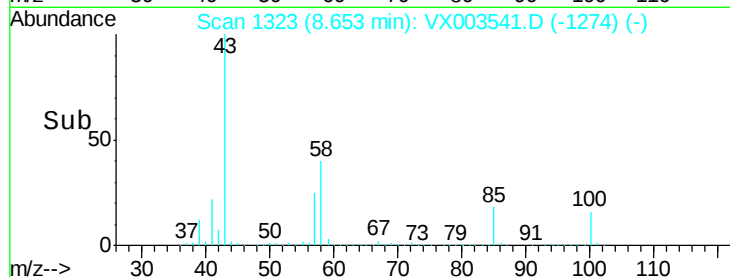


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 53.38 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003541.D

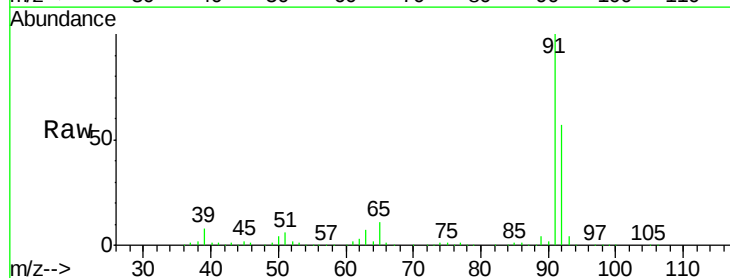
Acq: 21 Jul 2018 06:14

Tgt Ion: 92 Resp: 443177

Ion Ratio Lower Upper

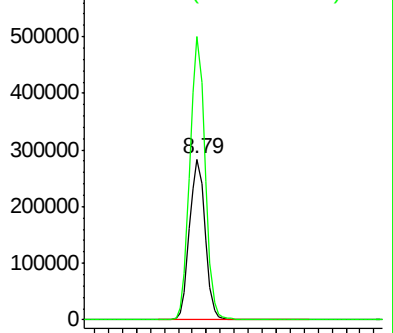
92 100

91 172.1 140.4 210.6

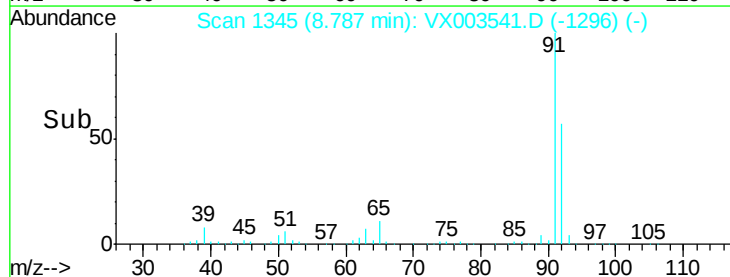


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 48.95 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

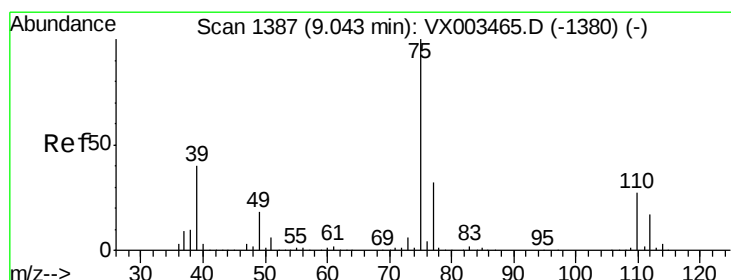
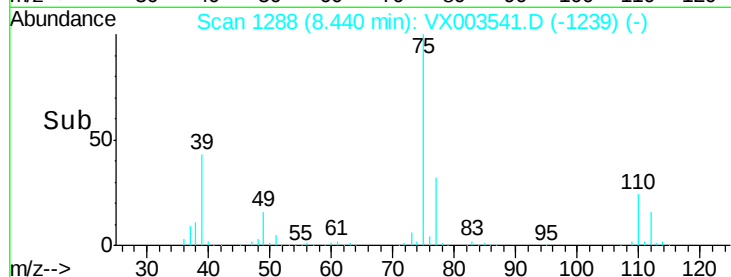
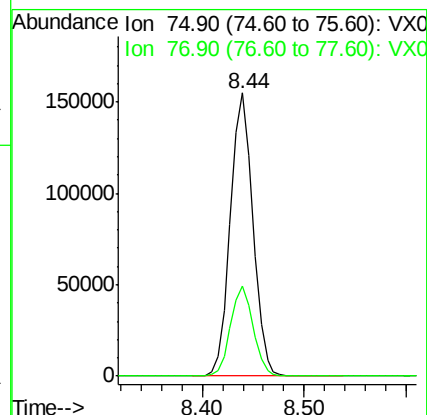
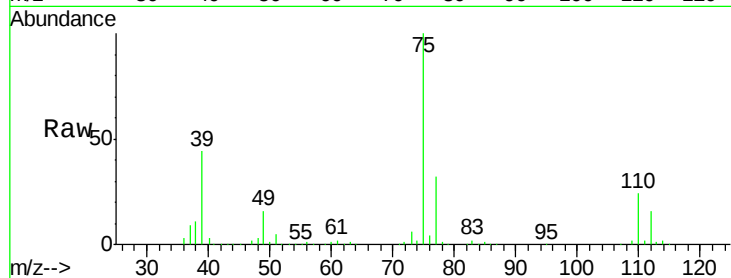
RE104D3-071318MS

Tot Ion: 75 Resp: 237851

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 50.39 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

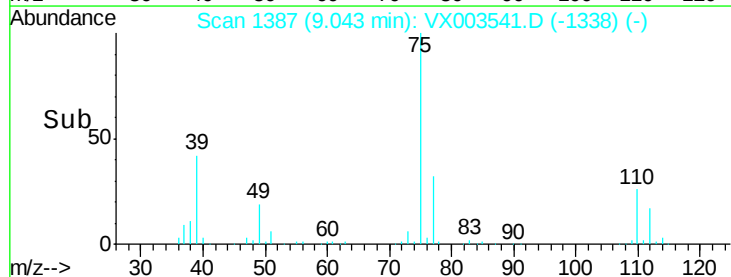
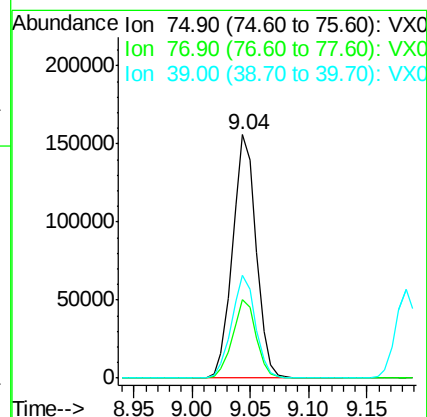
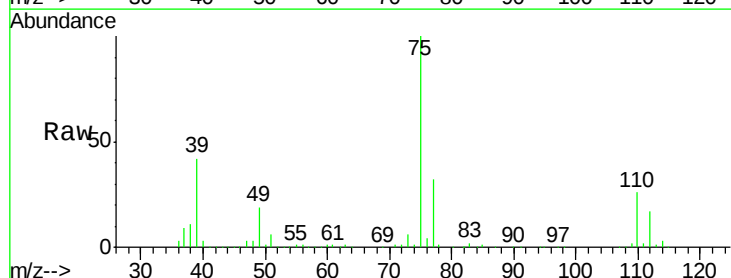
Tgt Ion: 75 Resp: 220171

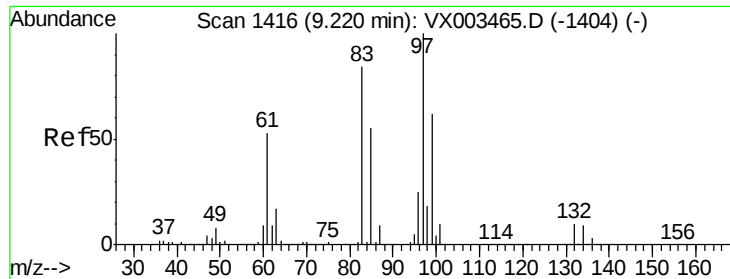
Ion Ratio Lower Upper

75 100

77 32.4 24.8 37.2

39 42.2 42.4 63.6#

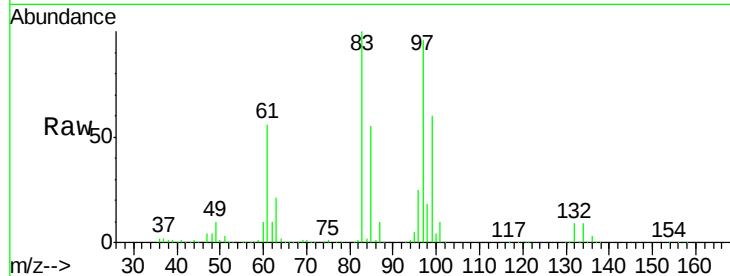




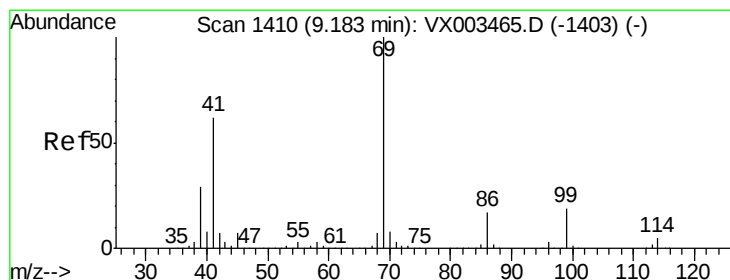
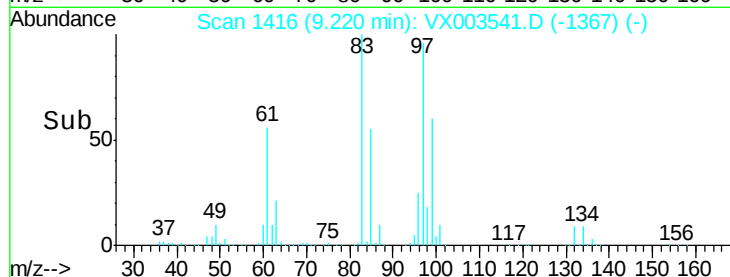
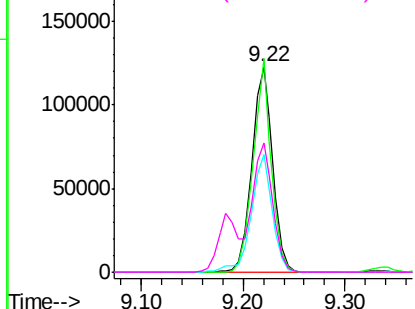
#55
1,1,2-Trichloroethane
Concen: 53.12 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

Tot Ion: 97 Resp: 175496
Ion Ratio Lower Upper
97 100
83 104.1 70.2 105.2
85 57.6 44.9 67.3
99 62.7 49.8 74.8

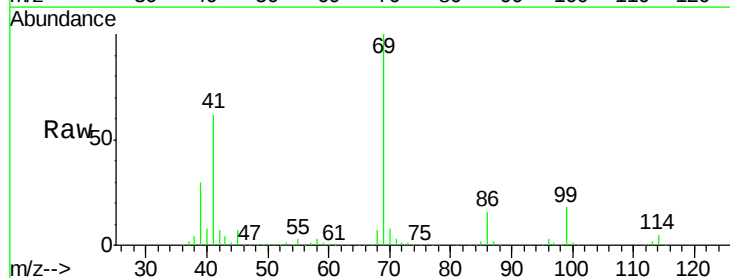


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

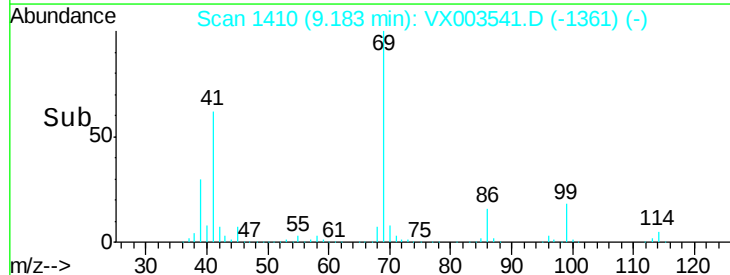
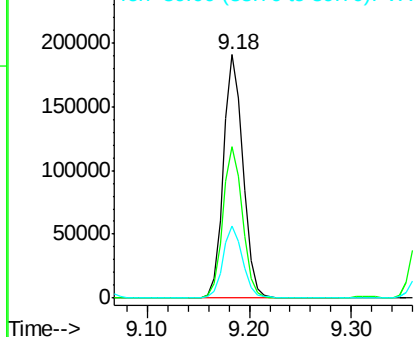


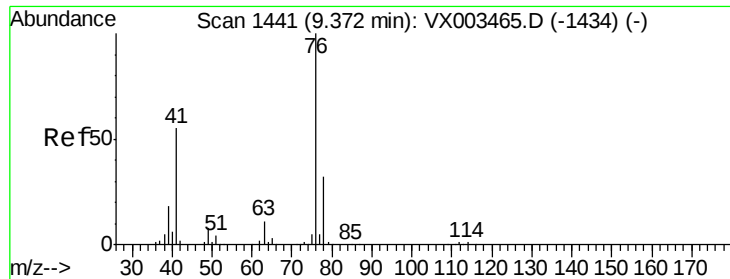
#56
Ethyl methacrylate
Concen: 54.68 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion: 69 Resp: 254449
Ion Ratio Lower Upper
69 100
41 62.2 60.3 90.5
39 30.1 35.8 53.8#



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: 54.22 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

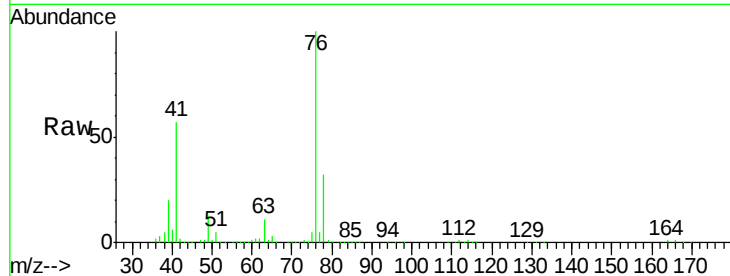
RE104D3-071318MS

Tot Ion: 76 Resp: 289549

Ion Ratio Lower Upper

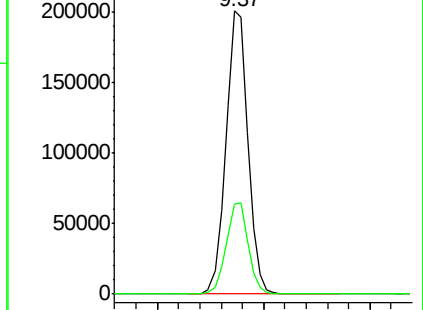
76 100

78 32.6 25.8 38.6

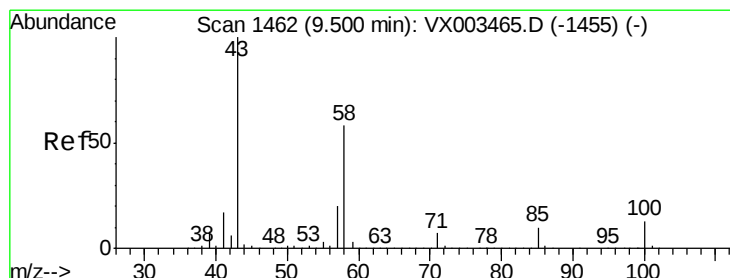
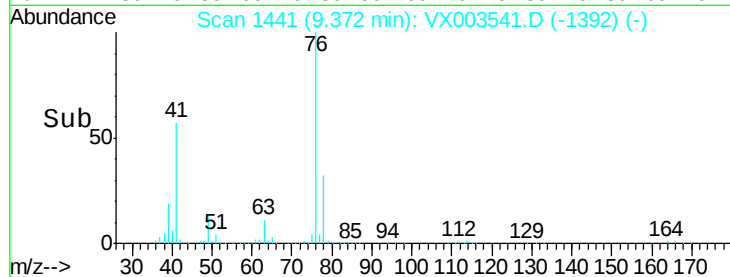


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#59

2-Hexanone

Concen: 283.88 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VX003541.D

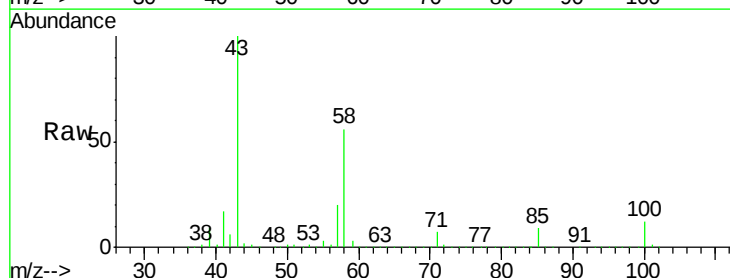
Acq: 21 Jul 2018 06:14

Tgt Ion: 43 Resp: 873827

Ion Ratio Lower Upper

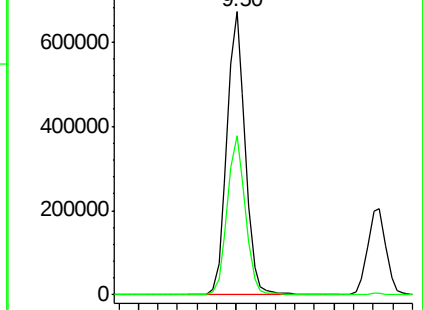
43 100

58 55.9 24.6 73.6

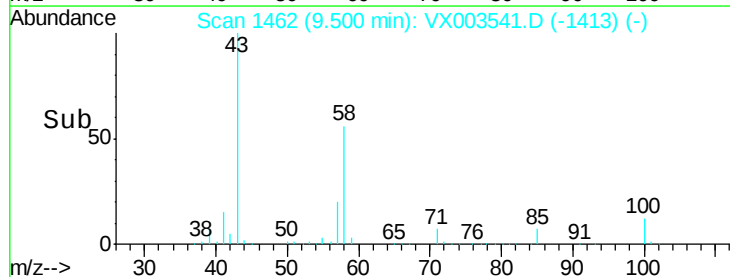


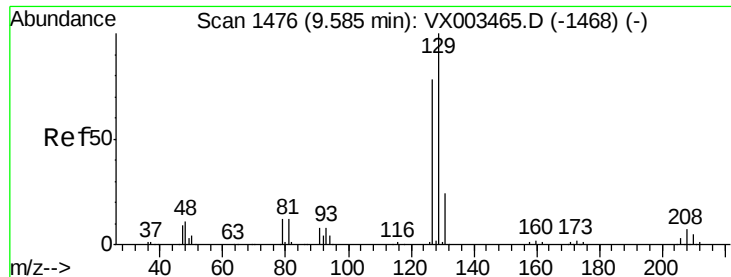
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#60

Dibromochloromethane

Concen: 56.46 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

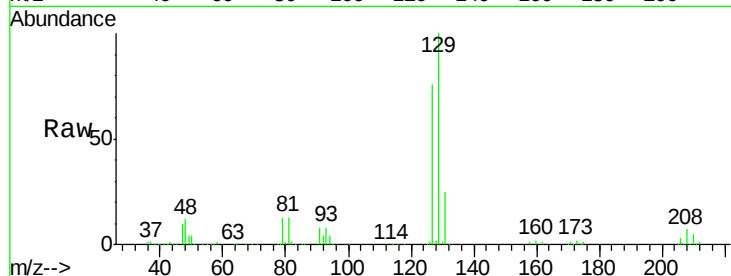
RE104D3-071318MS

Tot Ion:129 Resp: 184632

Ion Ratio Lower Upper

129 100

127 75.6 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

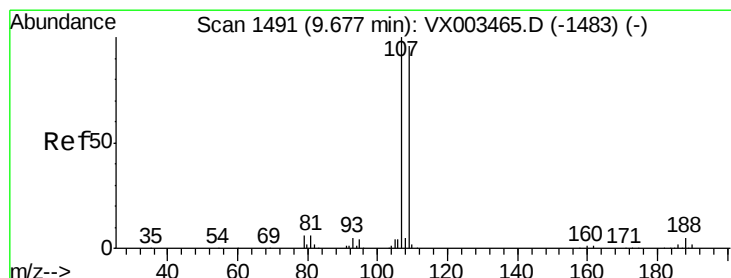
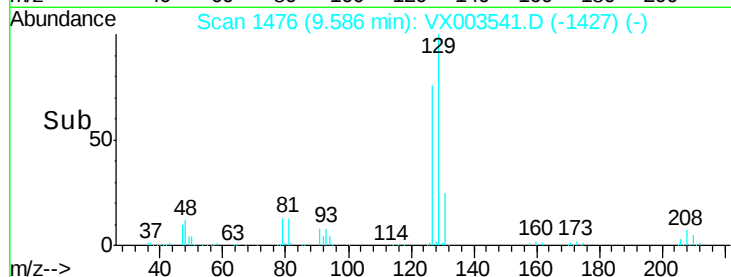
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 52.47 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003541.D

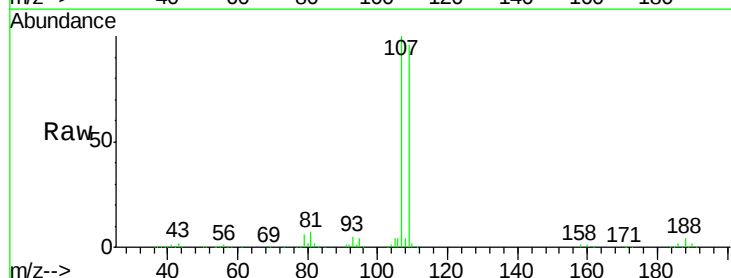
Acq: 21 Jul 2018 06:14

Tgt Ion:107 Resp: 179696

Ion Ratio Lower Upper

107 100

109 95.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

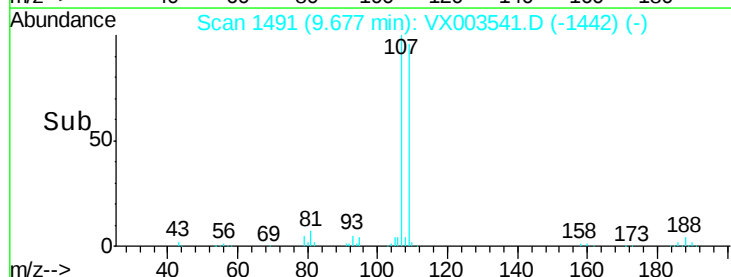
150000

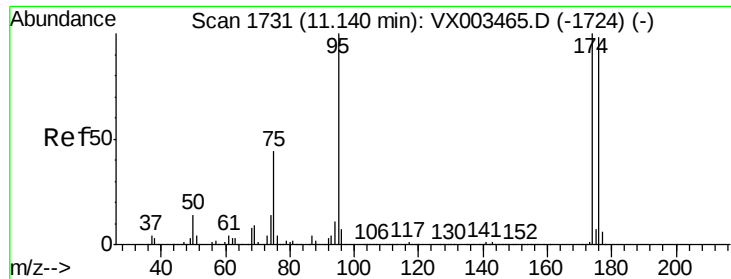
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 53.24 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

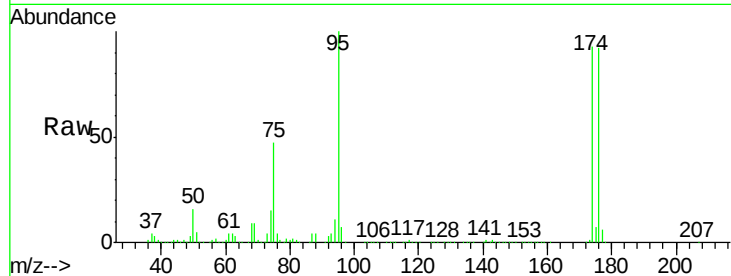
Tot Ion: 95 Resp: 225061

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.4

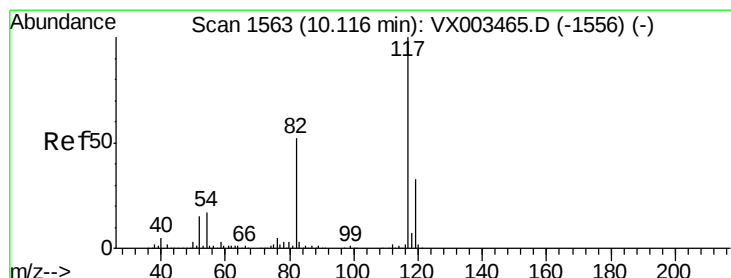
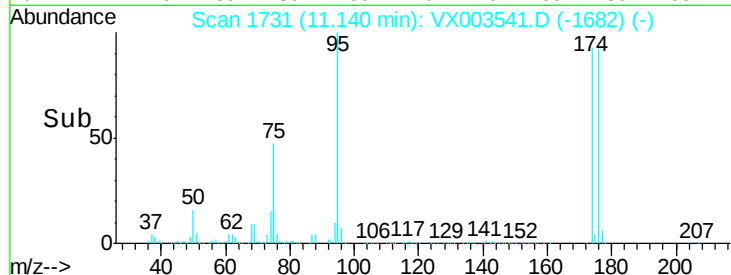
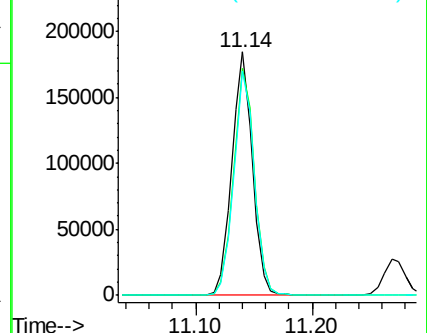
176 92.9 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003541.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX003541.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX003541.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

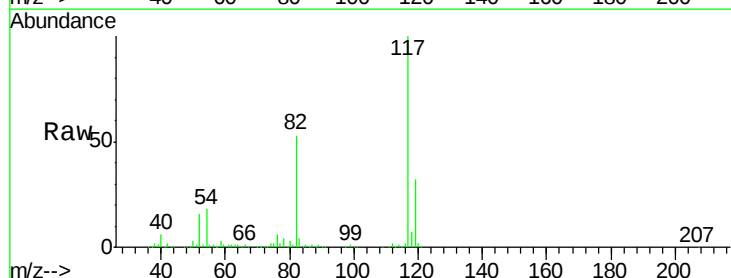
Tgt Ion: 117 Resp: 384401

Ion Ratio Lower Upper

117 100

82 52.5 45.0 67.4

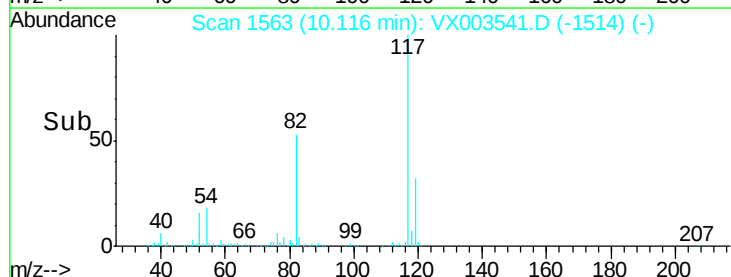
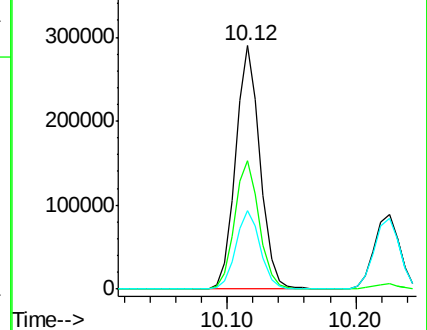
119 32.3 25.8 38.6

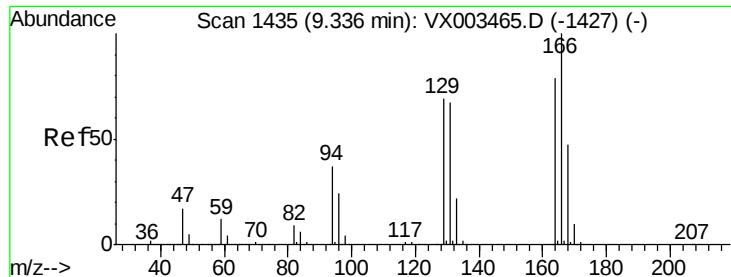


Abundance Ion 116.90 (116.60 to 117.60): VX003541.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX003541.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX003541.D (-1556) (-)





#64

Tetrachloroethene

Concen: 49.61 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

Tot Ion:164 Resp: 232343

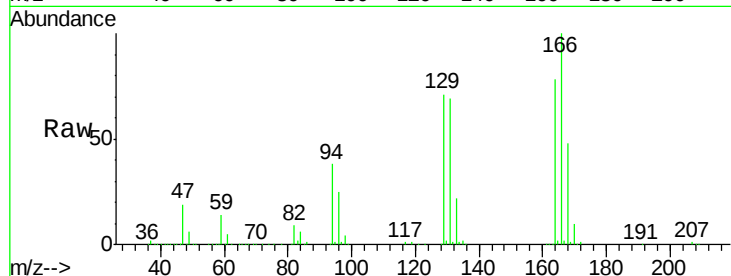
Ion Ratio Lower Upper

164 100

166 128.3 102.9 154.3

129 91.4 68.6 102.8

131 88.4 66.8 100.2

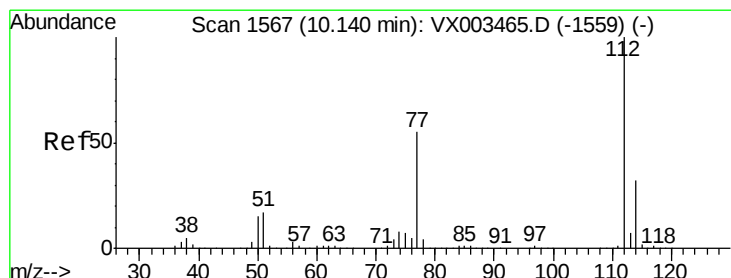
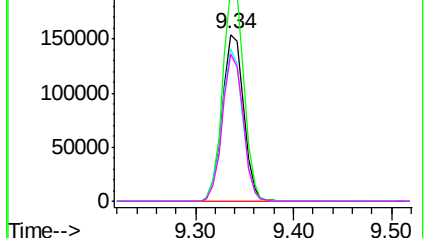
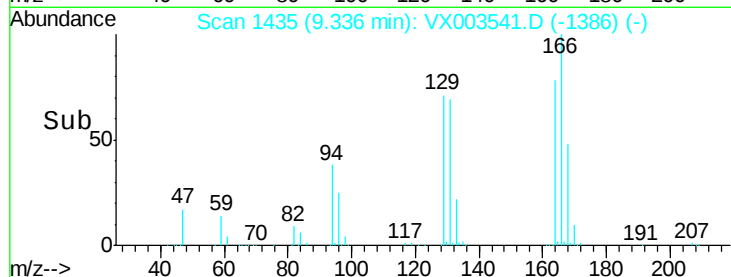


Abundance Ion 163.80 (163.50 to 164.50): V

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: 49.04 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003541.D

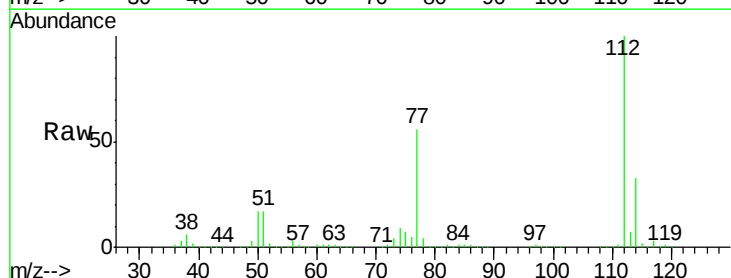
Acq: 21 Jul 2018 06:14

Tgt Ion:112 Resp: 485661

Ion Ratio Lower Upper

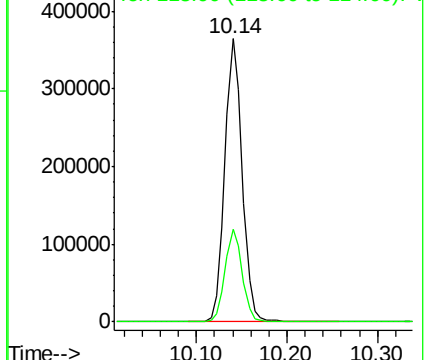
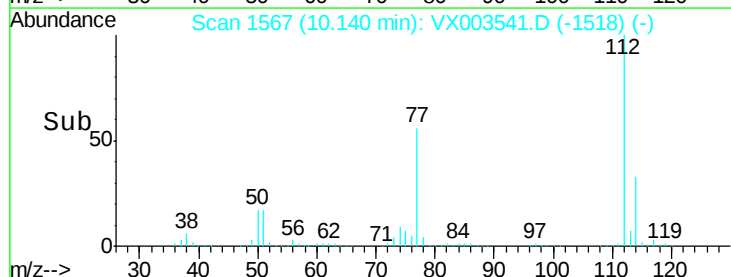
112 100

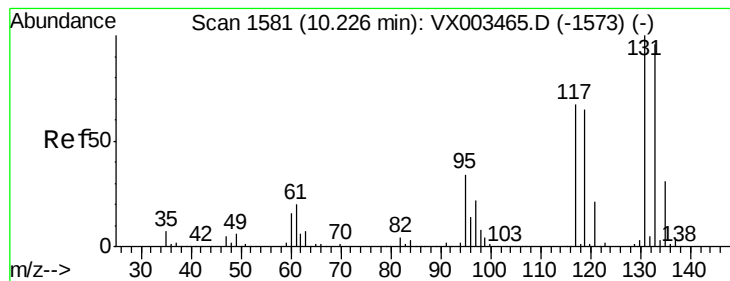
114 32.5 25.3 37.9



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: 51.83 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

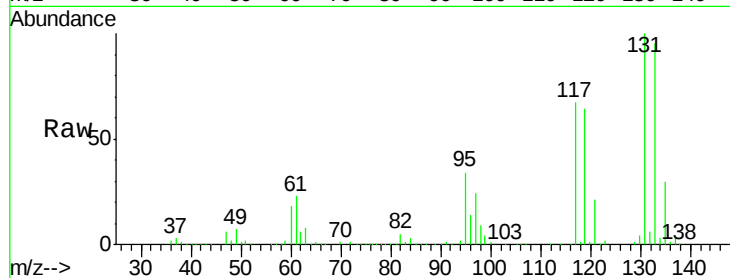
Tot Ion:131 Resp: 176625

Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.6

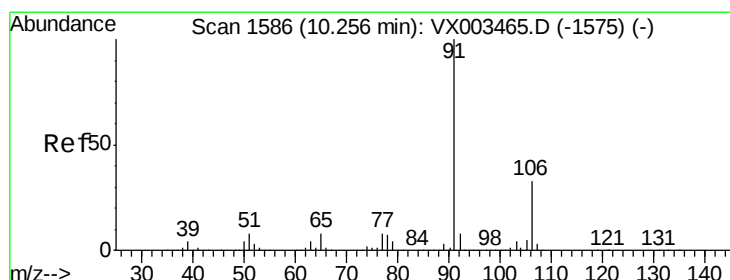
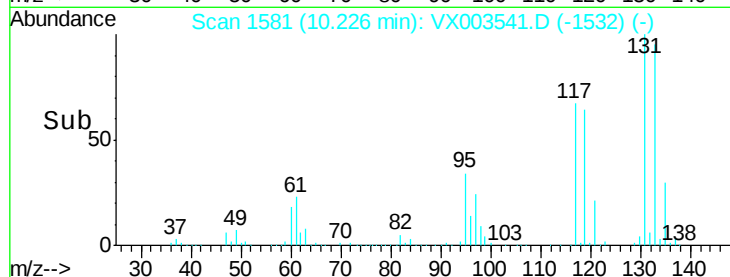
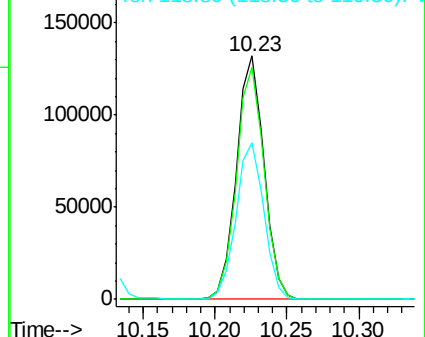
119 65.0 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 50.93 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003541.D

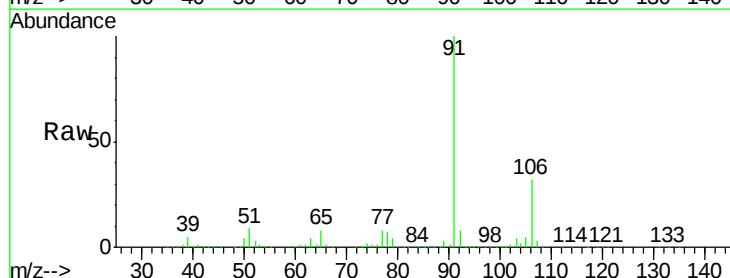
Acq: 21 Jul 2018 06:14

Tgt Ion: 91 Resp: 811036

Ion Ratio Lower Upper

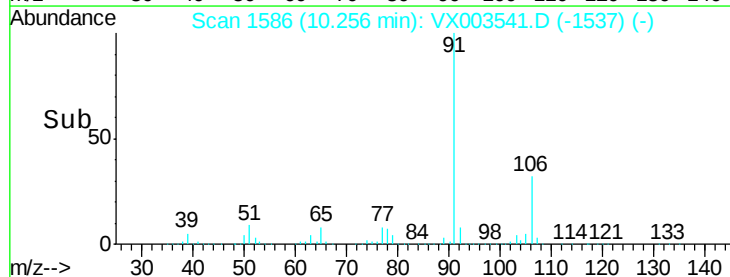
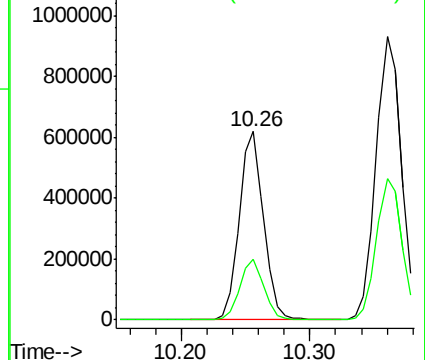
91 100

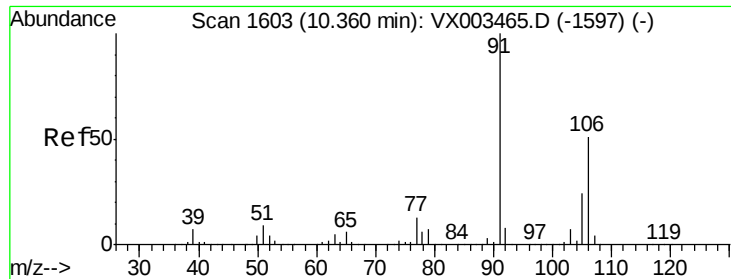
106 32.1 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

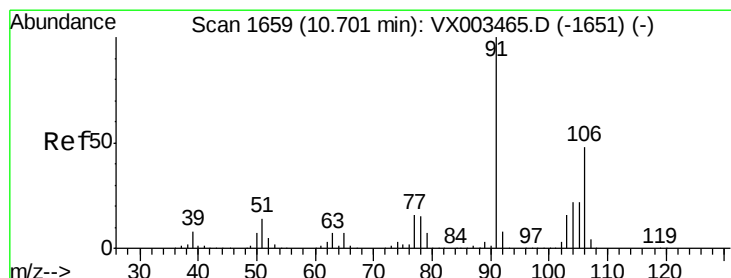
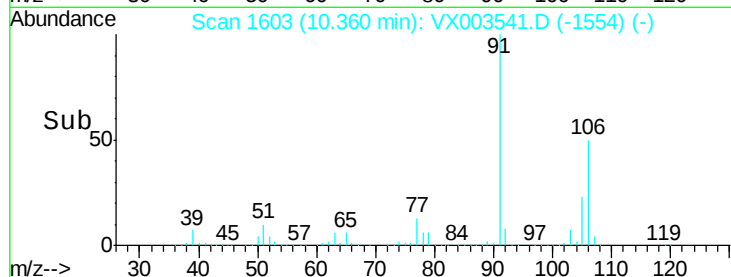
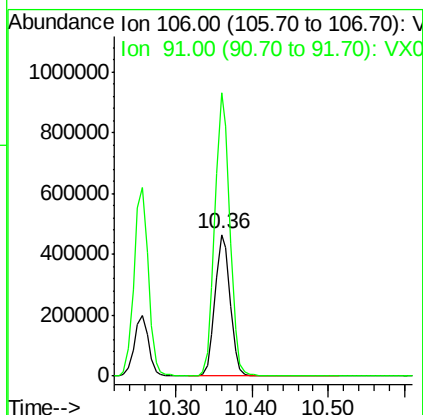
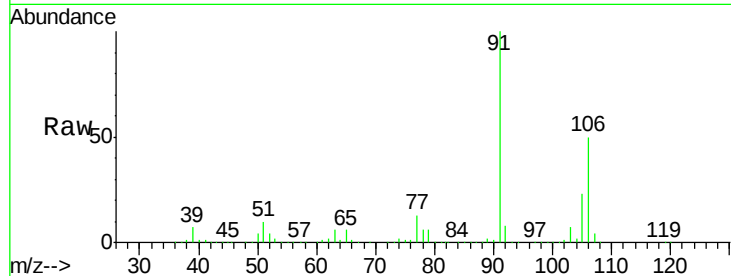




#68
m/p-Xvlenes
Concen: 102.36 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

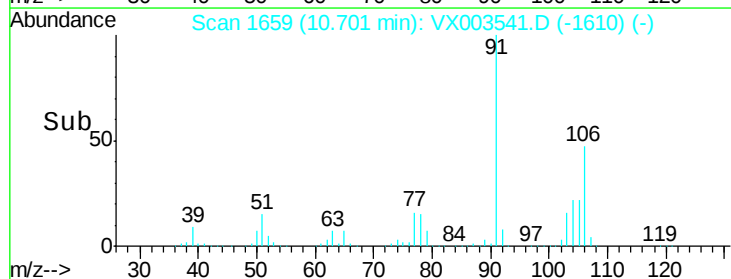
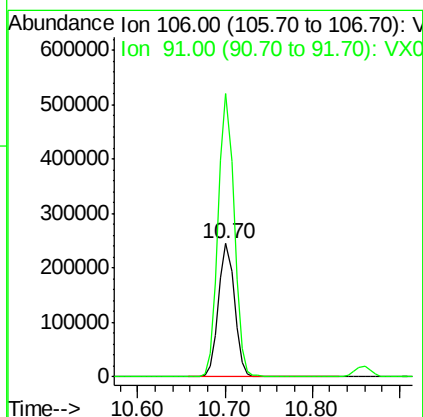
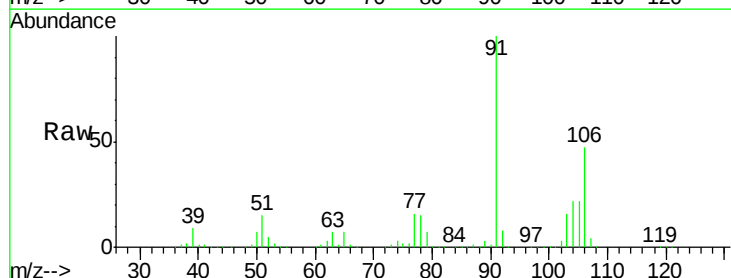
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

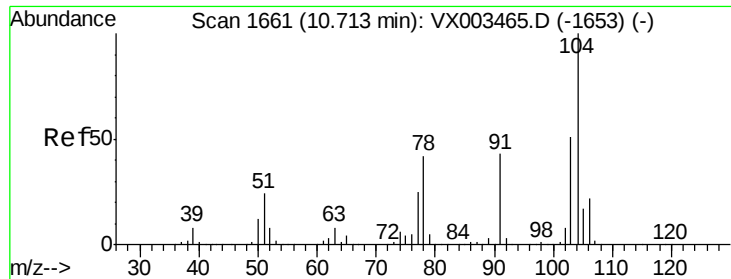
Tot Ion:106 Resp: 639010
Ion Ratio Lower Upper
106 100
91 199.1 163.4 245.2



#69
o-Xylene
Concen: 51.22 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion:106 Resp: 309229
Ion Ratio Lower Upper
106 100
91 211.8 108.2 324.6

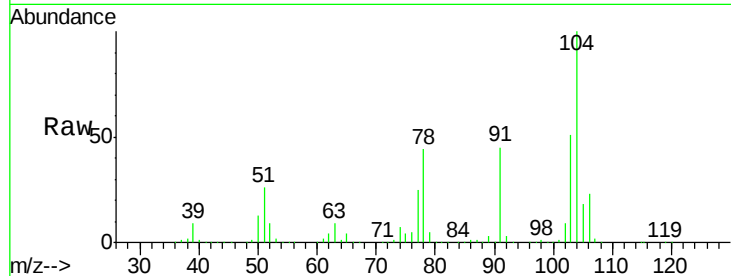




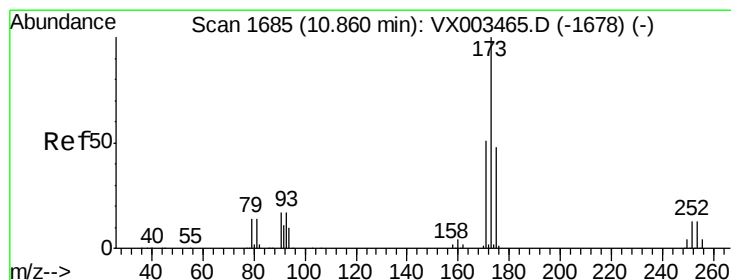
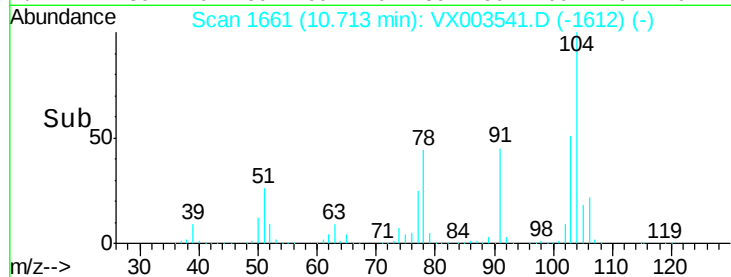
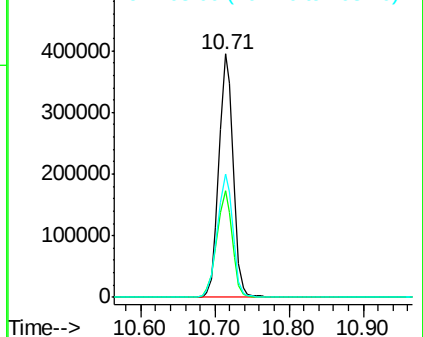
#70
Stvrene
Concen: 52.49 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

Tot Ion:104 Resp: 521244
Ion Ratio Lower Upper
104 100
78 47.7 41.0 61.6
103 55.5 44.2 66.4

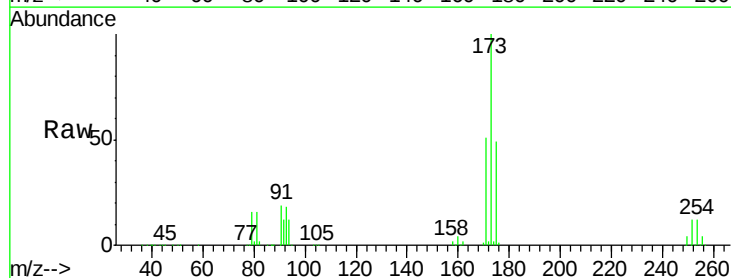


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

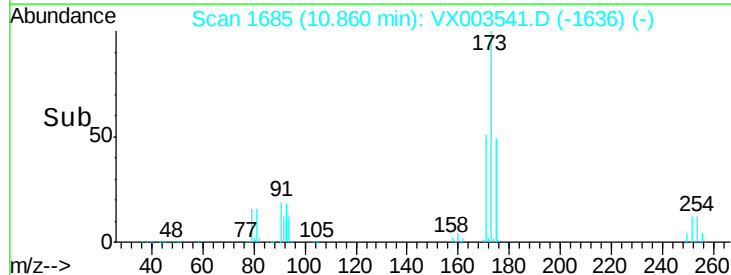
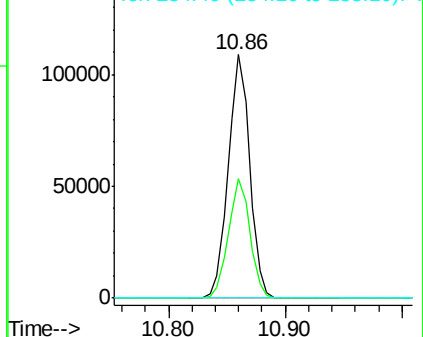


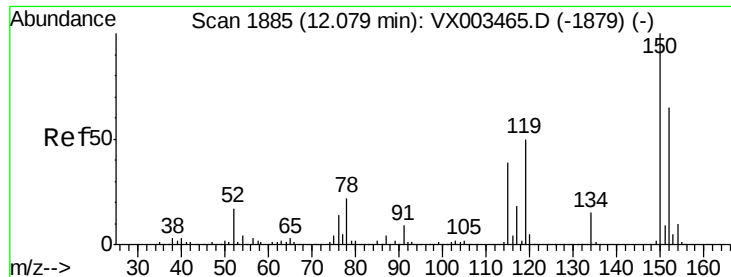
#71
Bromoform
Concen: 52.72 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion:173 Resp: 139587
Ion Ratio Lower Upper
173 100
175 49.1 24.7 74.1
254 0.2 0.2 0.2



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

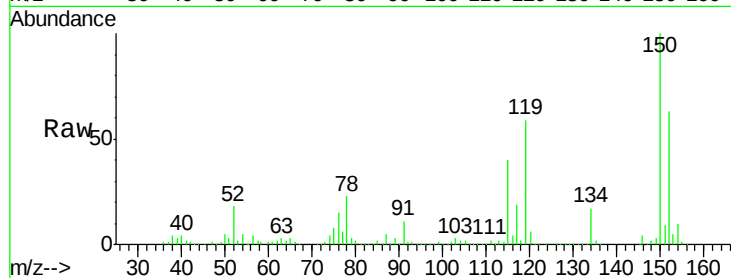
Tot Ion:152 Resp: 233690

Ion Ratio Lower Upper

152 100

115 77.1 40.1 120.2

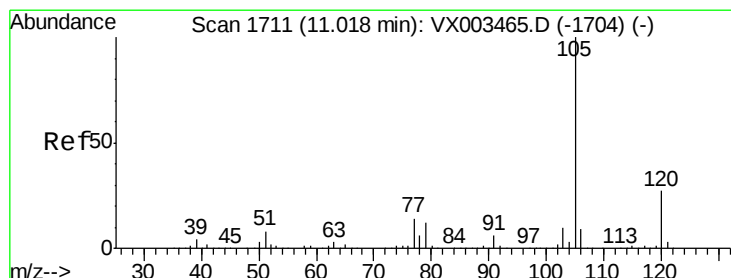
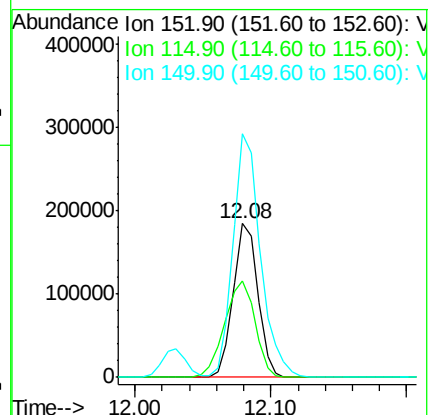
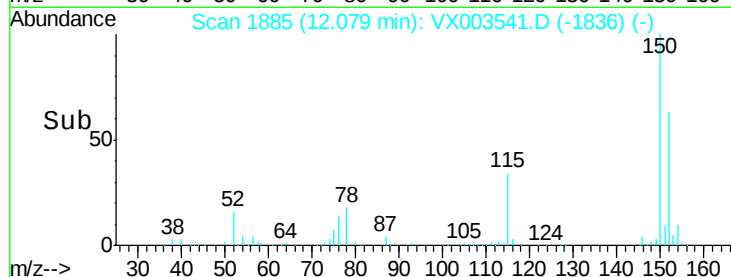
150 175.4 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 51.23 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003541.D

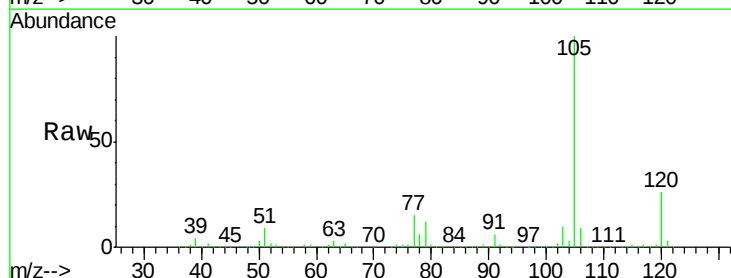
Acq: 21 Jul 2018 06:14

Tgt Ion:105 Resp: 827964

Ion Ratio Lower Upper

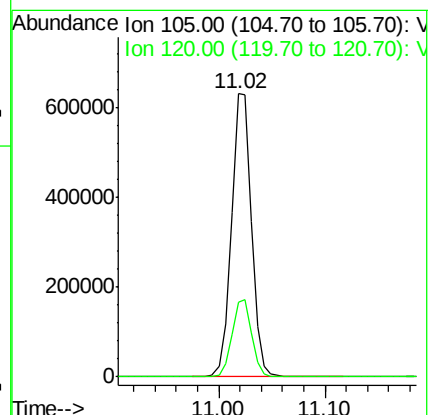
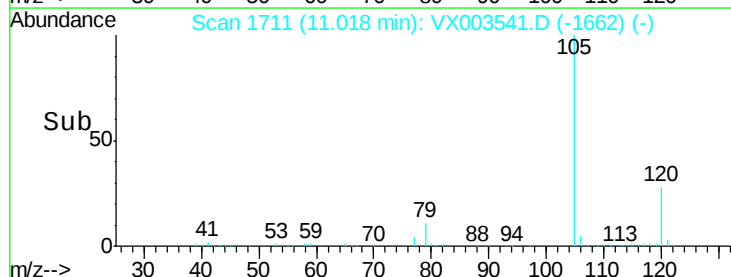
105 100

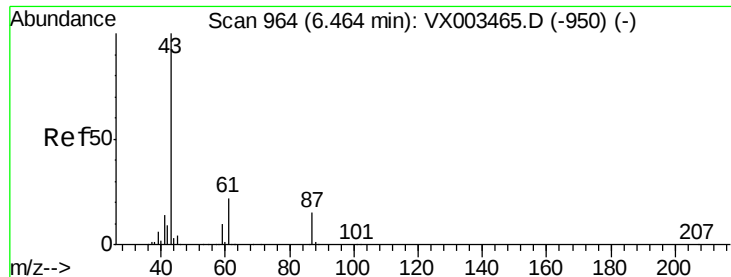
120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.26 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

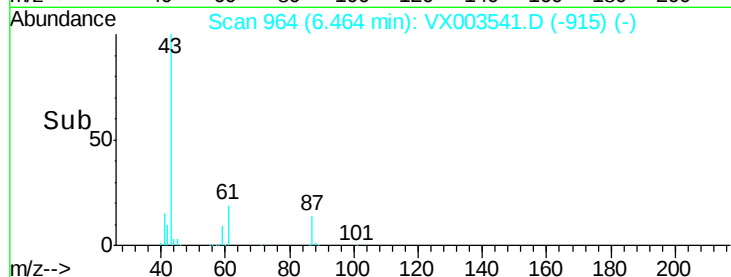
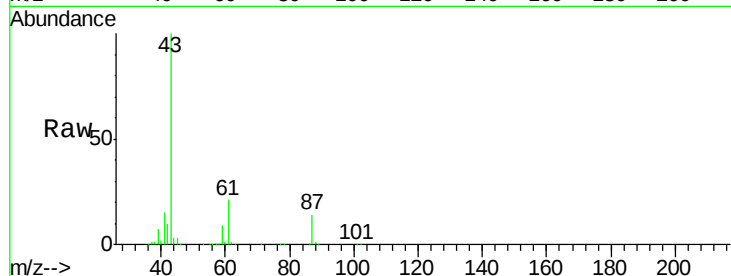
ClientSampleId :

RE104D3-071318MS

Tot Ion: 43 Resp: 317456

Ion Ratio Lower Upper

43	100		
70	0.0	0.0	0.0
55	0.1	0.0	0.0#
61	20.8	14.4	21.6

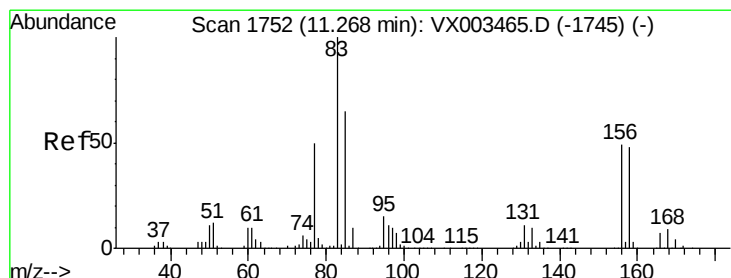
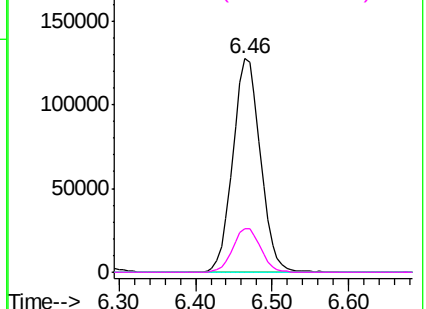


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.89 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

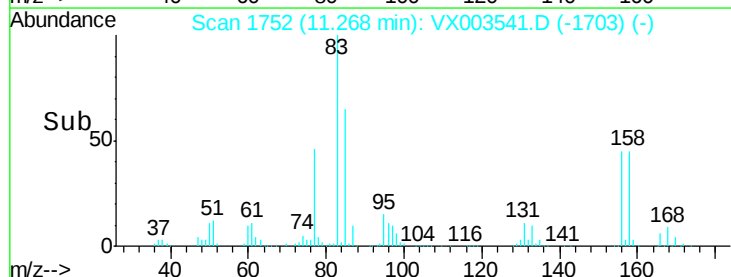
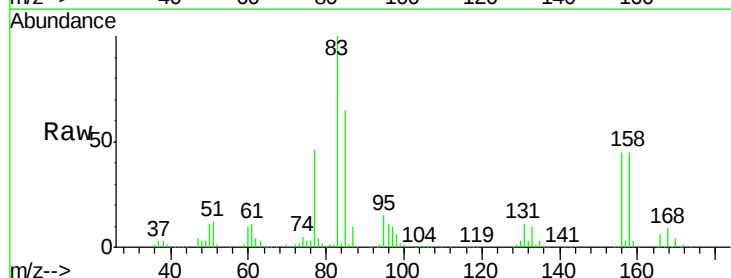
Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Tgt Ion: 83 Resp: 241002

Ion Ratio Lower Upper

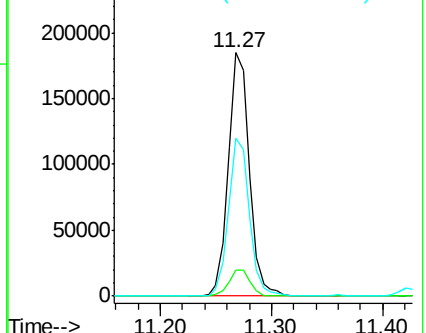
83	100		
131	11.1	5.6	16.8
85	64.8	32.4	97.2

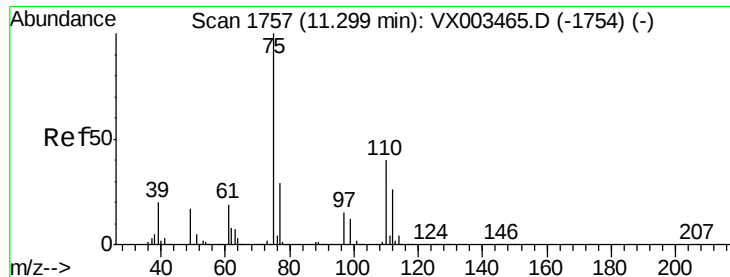


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

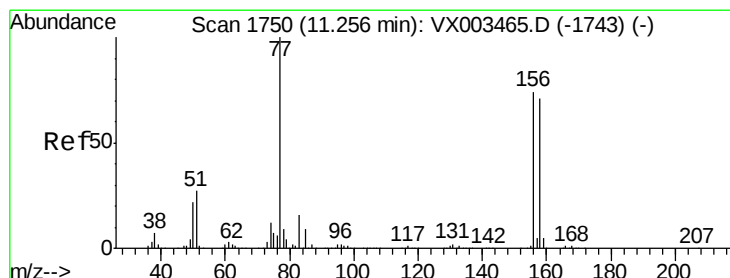
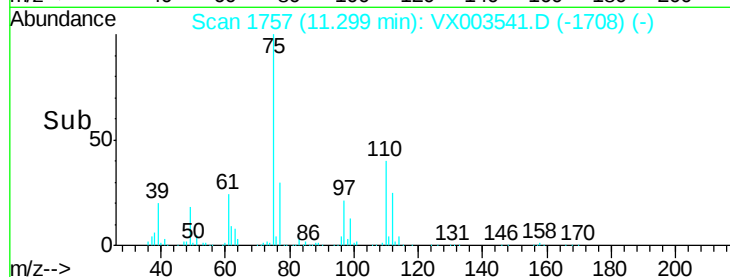
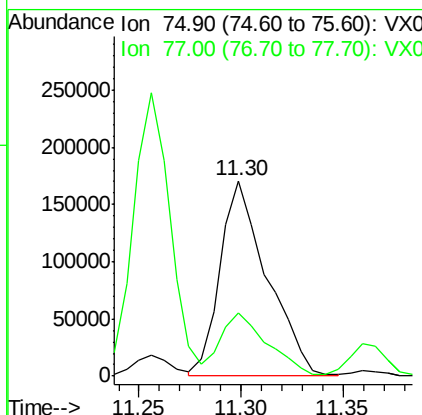
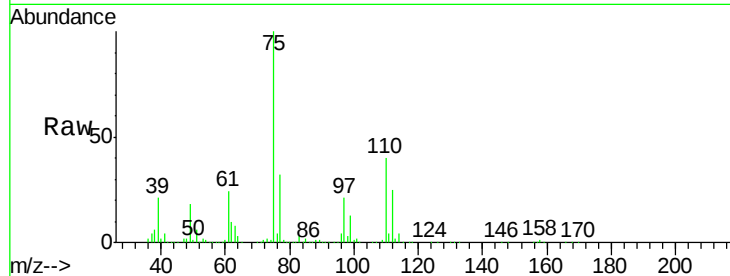




#76
 1,2,3-Trichloropropane
 Concen: 65.21 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

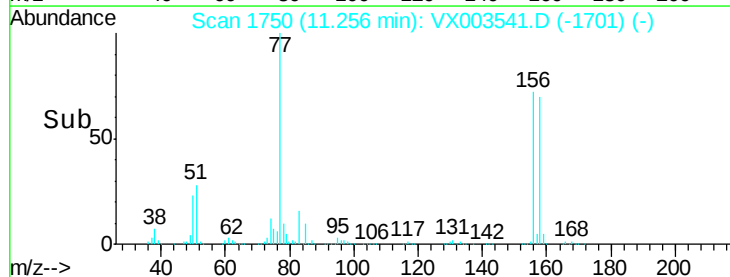
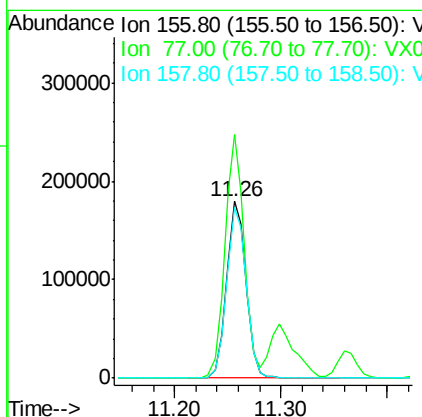
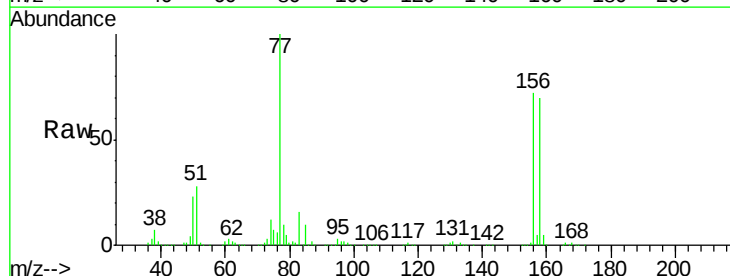
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MS

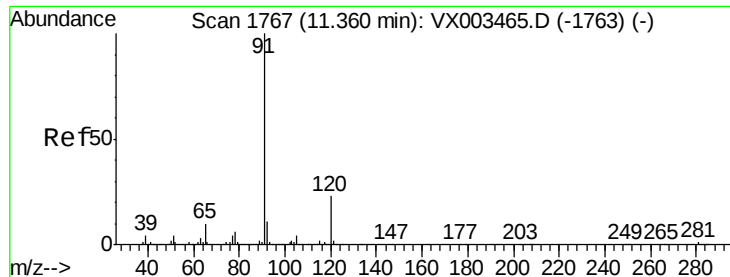
Tot Ion: 75 Resp: 273775
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.8 68.3



#77
 Bromobenzene
 Concen: 49.48 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Tgt Ion: 156 Resp: 230023
 Ion Ratio Lower Upper
 156 100
 77 135.2 71.4 214.2
 158 97.7 48.9 146.6





#78

n-propylbenzene

Concen: 51.18 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

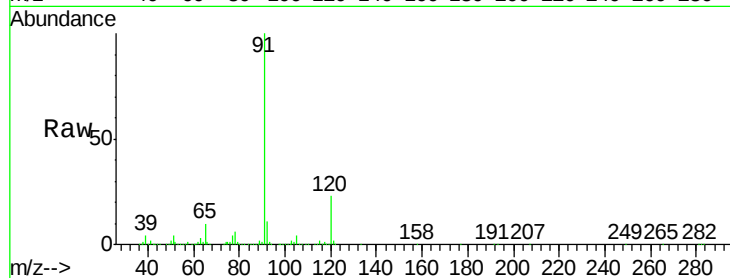
RE104D3-071318MS

Tot Ion: 91 Resp: 919530

Ion Ratio Lower Upper

91 100

120 24.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

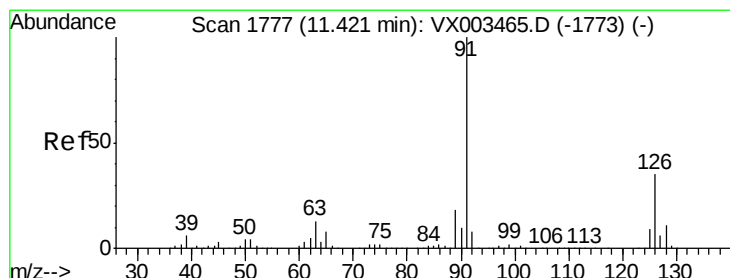
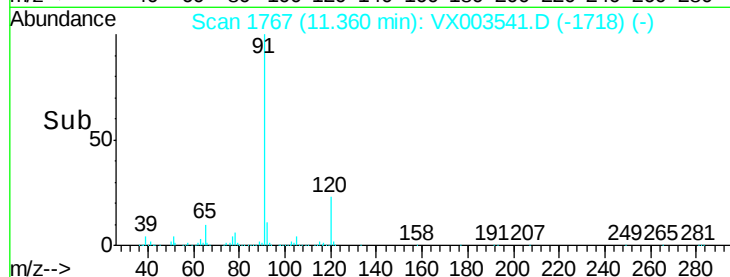
200000

0

11.35

11.40

Time-->



#79

2-Chlorotoluene

Concen: 51.10 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003541.D

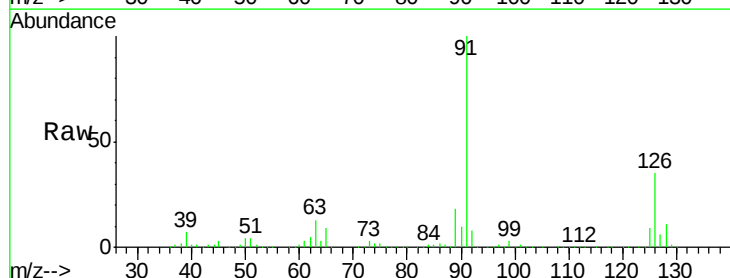
Acq: 21 Jul 2018 06:14

Tgt Ion: 91 Resp: 557278

Ion Ratio Lower Upper

91 100

126 36.0 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

800000

600000

400000

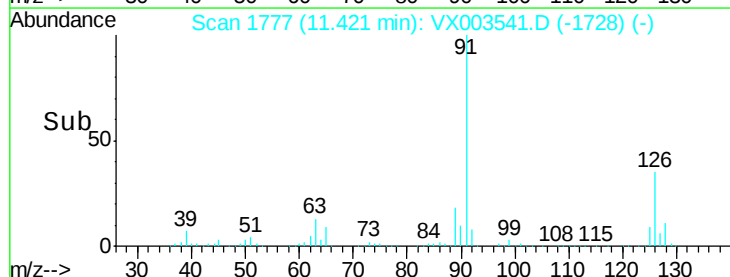
200000

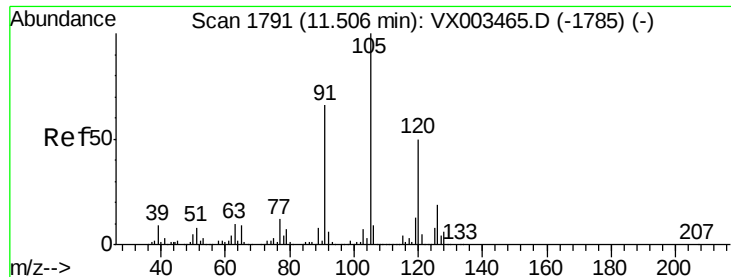
0

11.40

11.45

Time-->

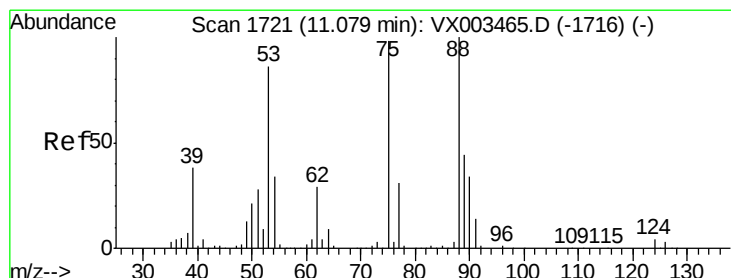
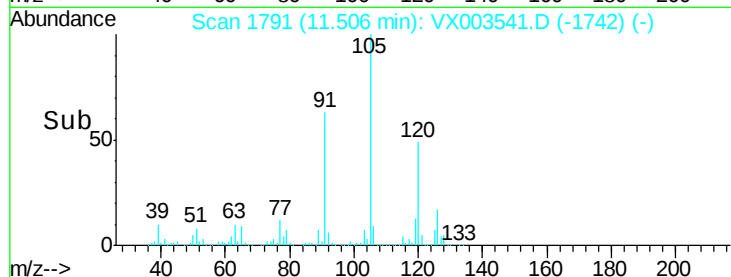
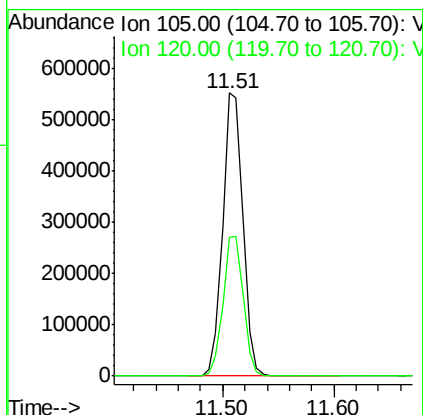
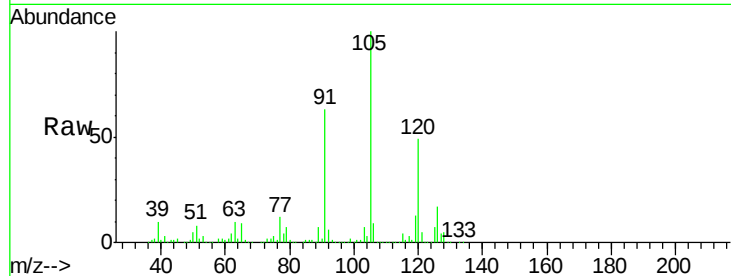




#80
 1,3,5-Trimethylbenzene
 Concen: 51.92 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

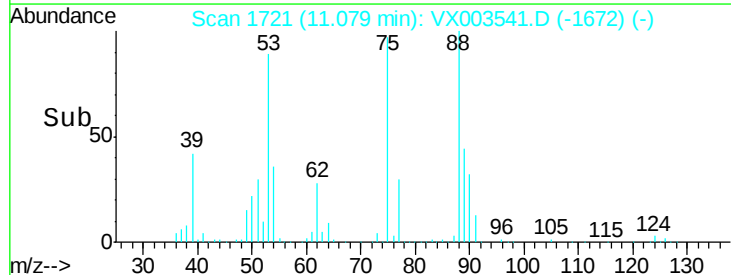
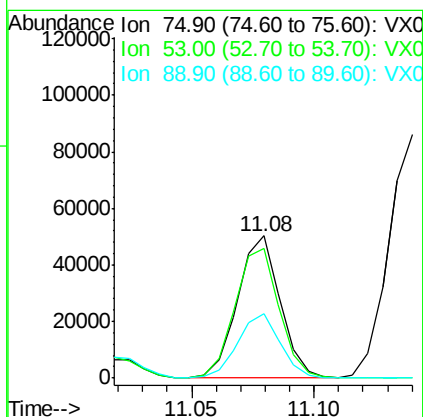
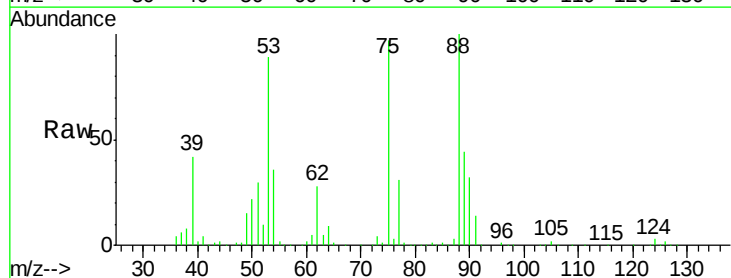
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MS

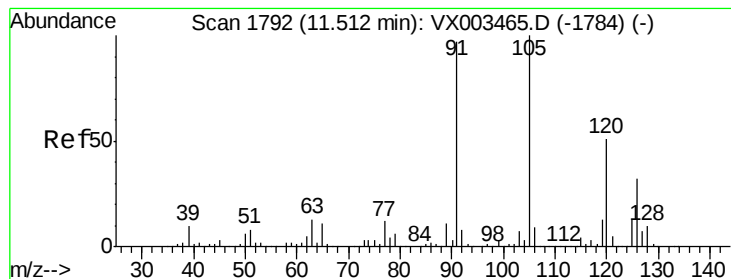
Tot Ion:105 Resp: 689622
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.31 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Tgt Ion: 75 Resp: 60418
 Ion Ratio Lower Upper
 75 100
 53 94.6 86.8 130.2
 89 45.4 38.2 57.2





#82

4-Chlorotoluene

Concen: 50.69 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

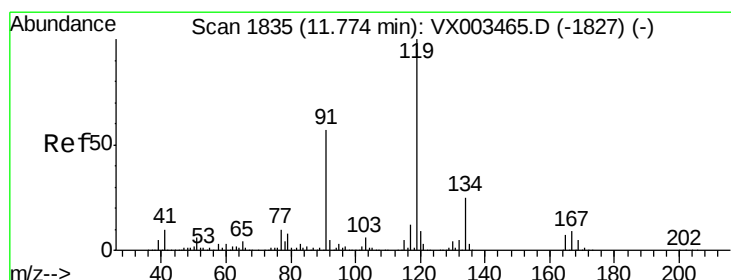
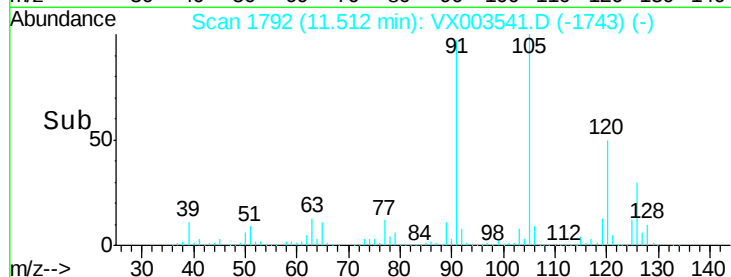
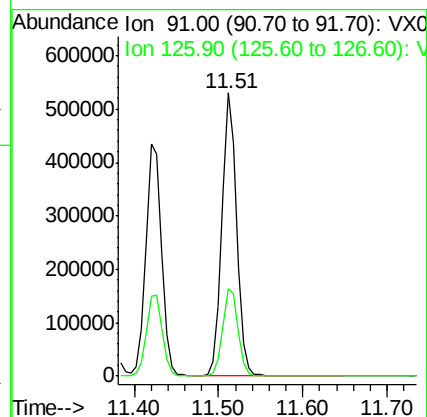
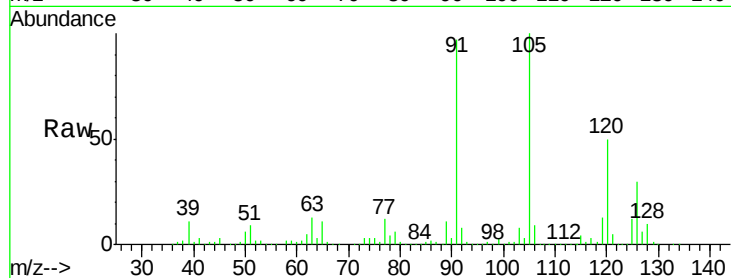
RE104D3-071318MS

Tot Ion: 91 Resp: 647836

Ion Ratio Lower Upper

91 100

126 31.8 15.4 46.4



#83

tert-Butylbenzene

Concen: 50.81 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

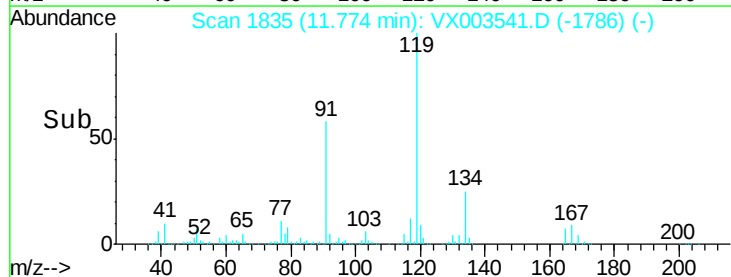
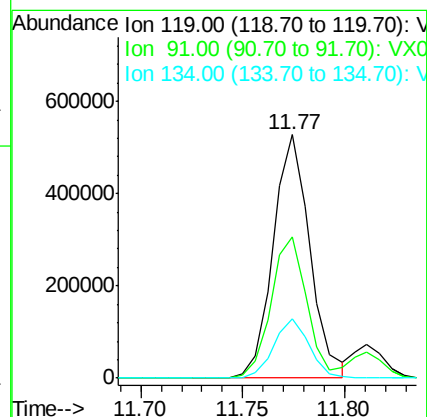
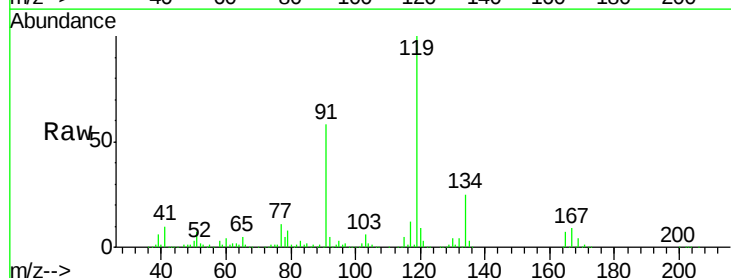
Tgt Ion: 119 Resp: 660881

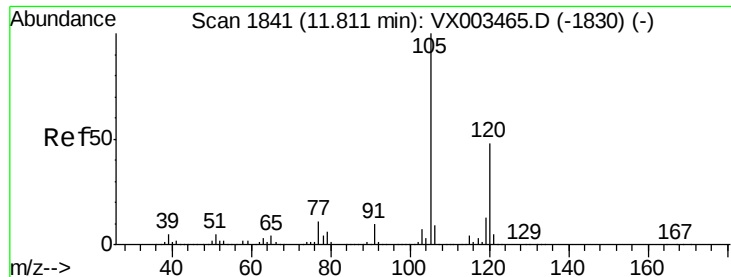
Ion Ratio Lower Upper

119 100

91 56.1 30.3 90.9

134 23.5 11.7 35.1

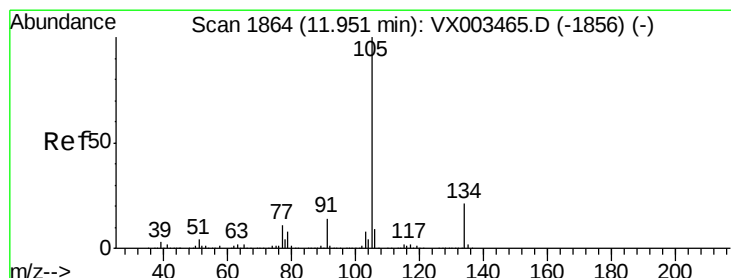
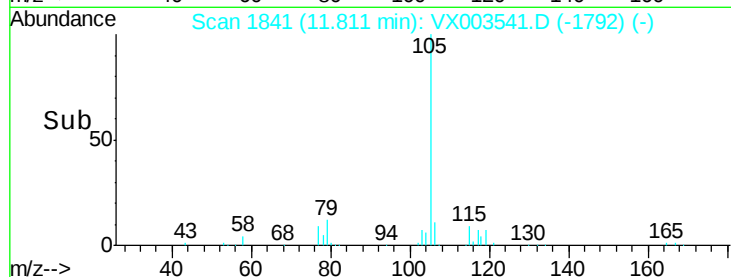
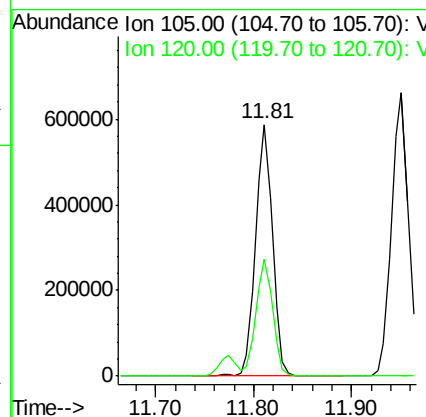
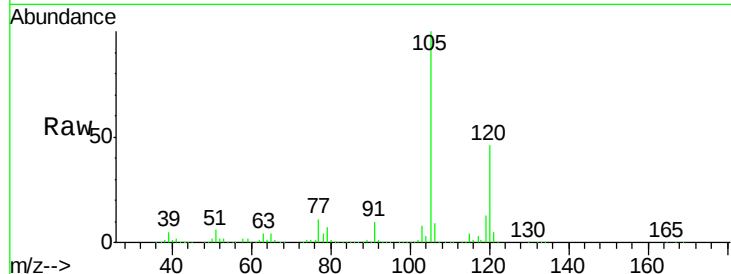




#84
 1,2,4-Trimethylbenzene
 Concen: 52.38 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

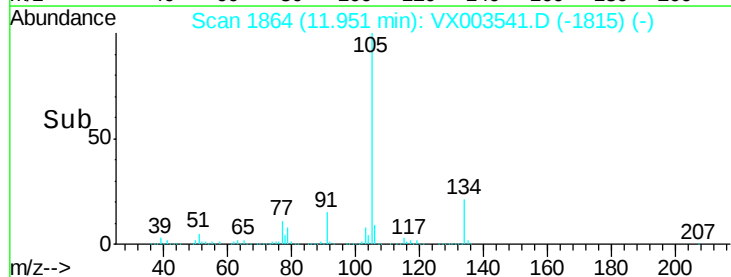
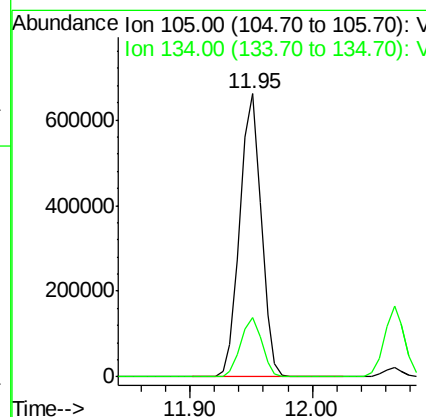
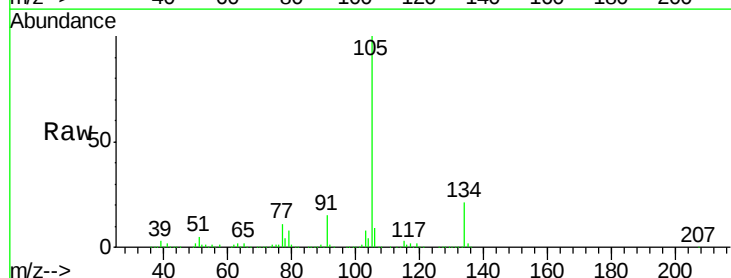
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MS

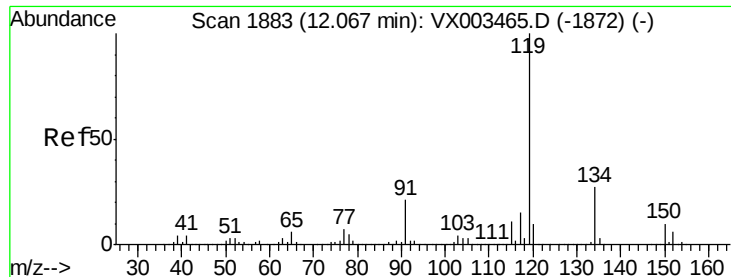
Tot Ion:105 Resp: 707968
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 50.40 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Tgt Ion:105 Resp: 796360
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1





#86

p-Isopropyltoluene

Concen: 50.18 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

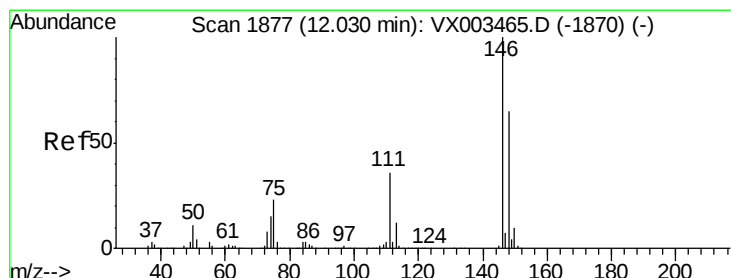
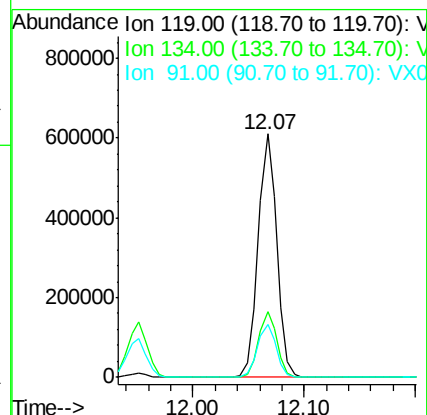
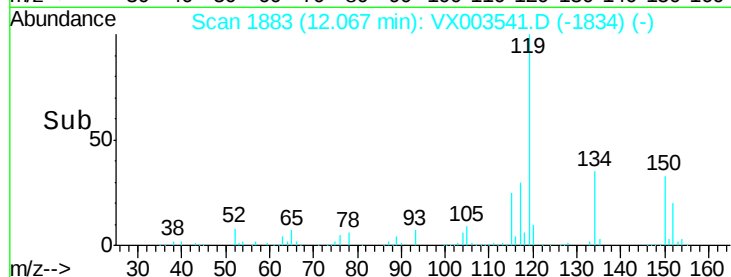
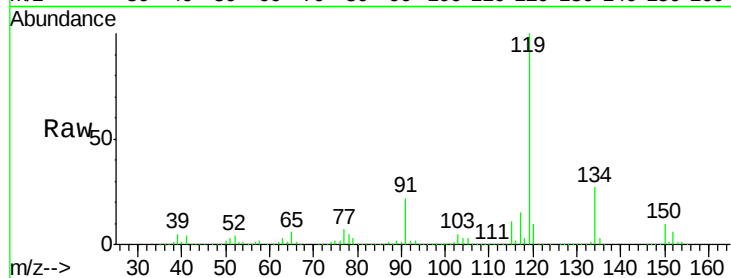
Tot Ion:119 Resp: 711491

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.0 11.9 35.7



#87

1,3-Dichlorobenzene

Concen: 47.92 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

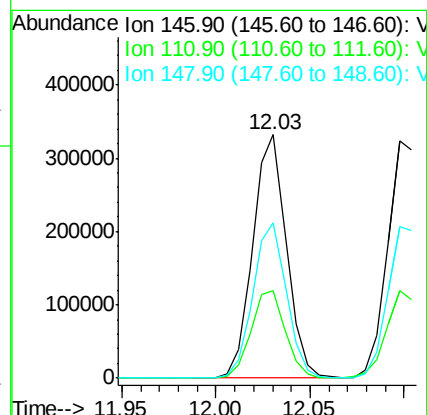
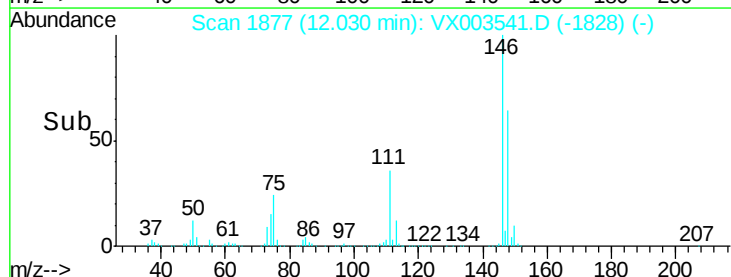
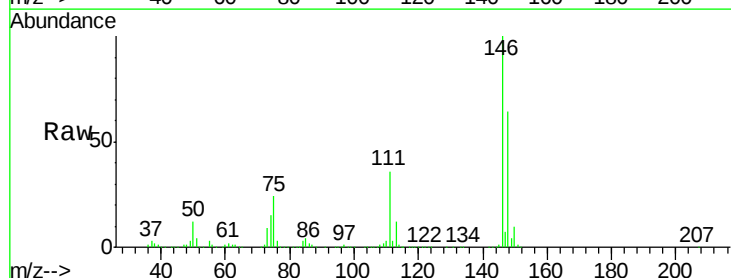
Tgt Ion:146 Resp: 409485

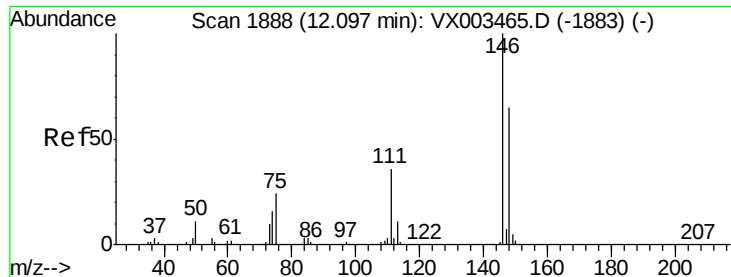
Ion Ratio Lower Upper

146 100

111 36.8 18.9 56.7

148 63.8 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 46.49 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

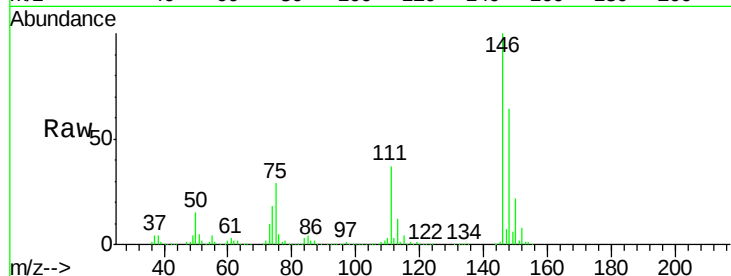
Tot Ion:146 Resp: 409242

Ion Ratio Lower Upper

146 100

111 36.4 18.7 56.1

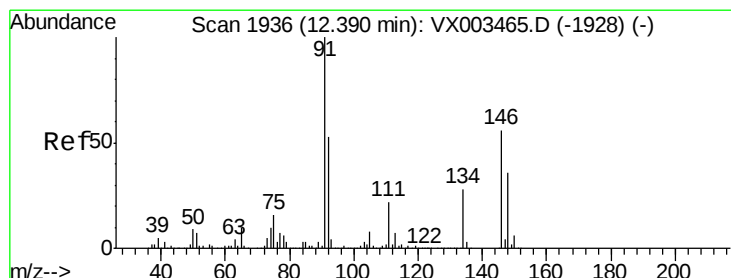
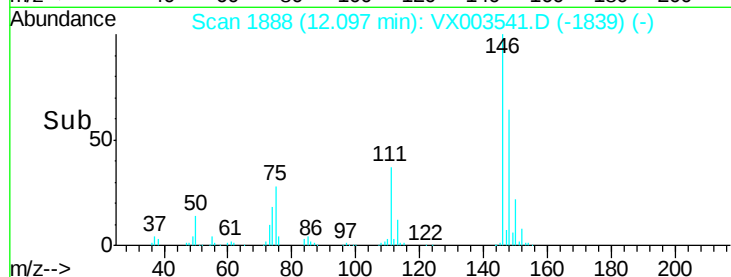
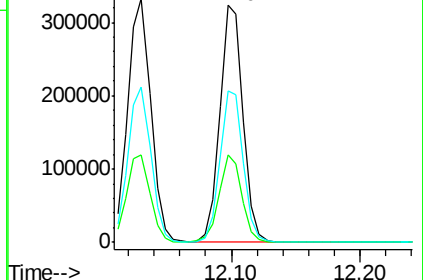
148 64.6 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 48.95 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

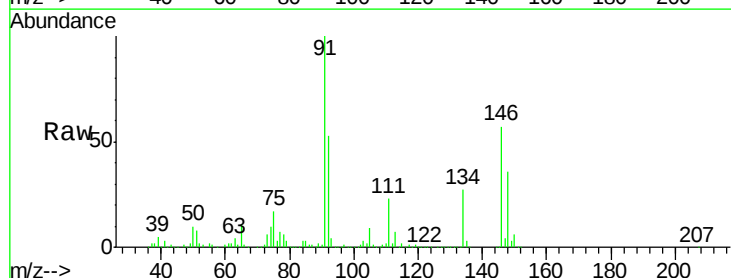
Tgt Ion: 91 Resp: 589334

Ion Ratio Lower Upper

91 100

92 52.7 26.0 78.0

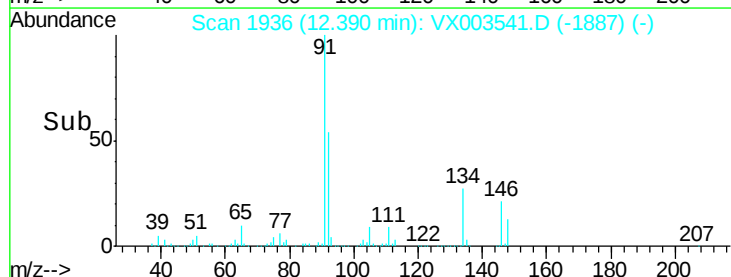
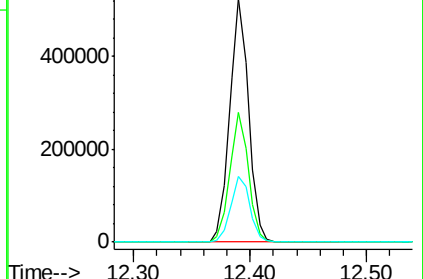
134 27.6 13.5 40.5

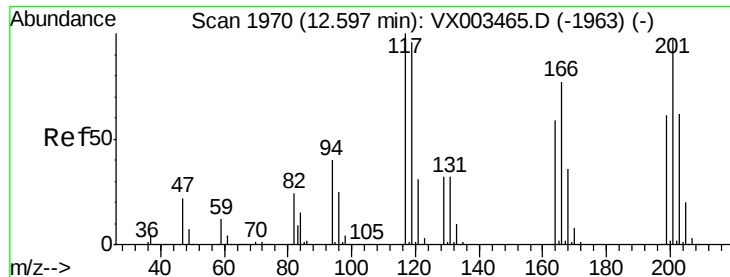


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

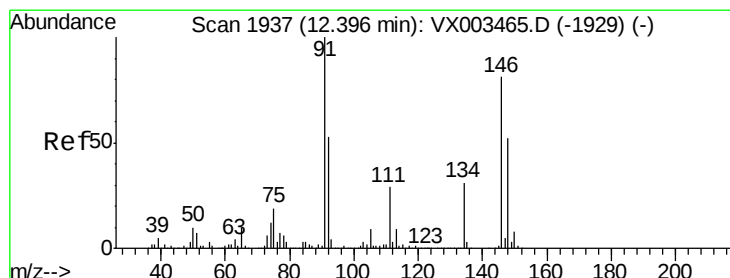
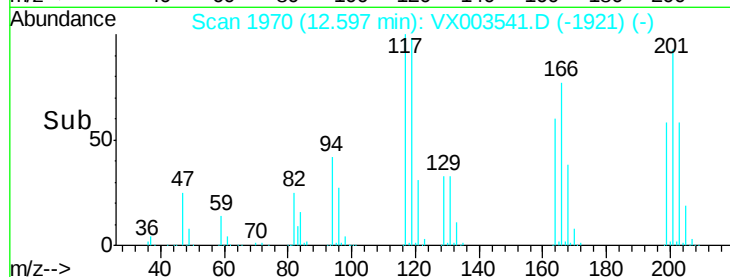
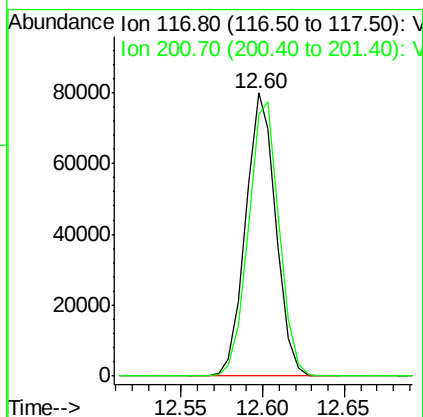
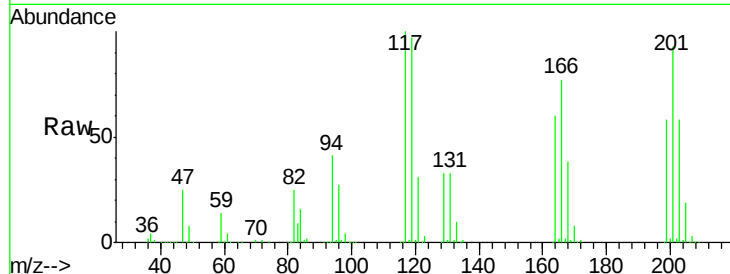




#90
Hexachloroethane
Concen: 50.81 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

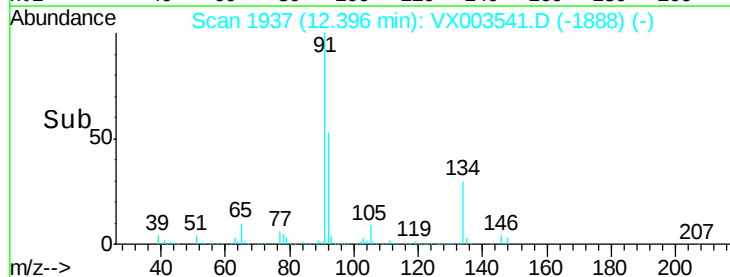
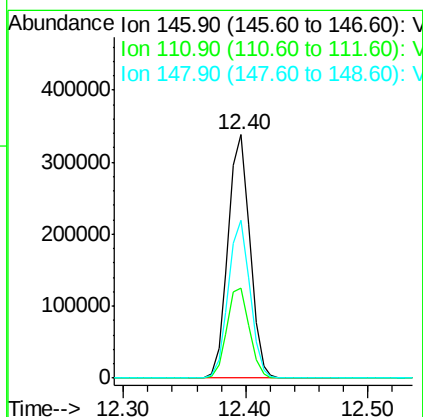
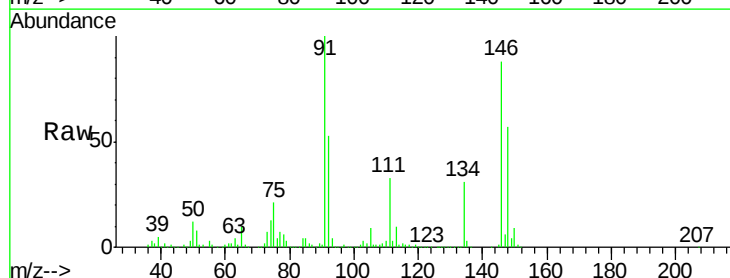
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

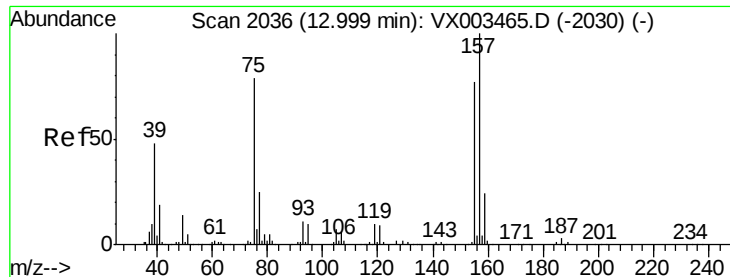
Tot Ion:117 Resp: 102422
Ion Ratio Lower Upper
117 100
201 98.9 49.0 147.0



#91
1,2-Dichlorobenzene
Concen: 49.60 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion:146 Resp: 417683
Ion Ratio Lower Upper
146 100
111 38.2 19.4 58.1
148 64.1 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.07 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

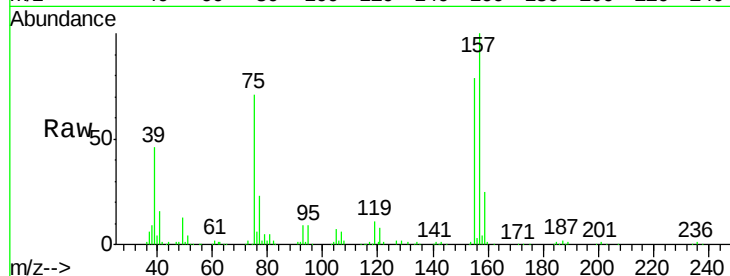
Tot Ion: 75 Resp: 47995

Ion Ratio Lower Upper

75 100

155 101.2 45.8 137.4

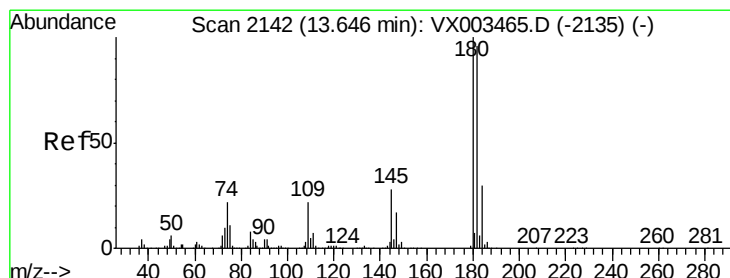
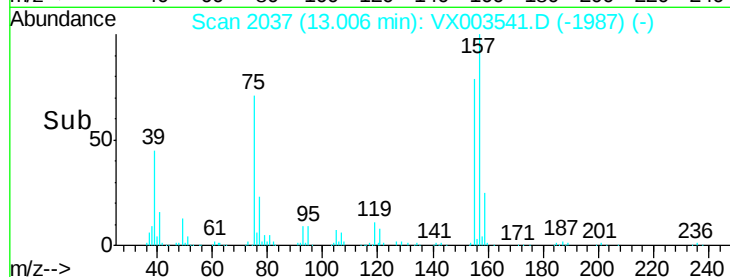
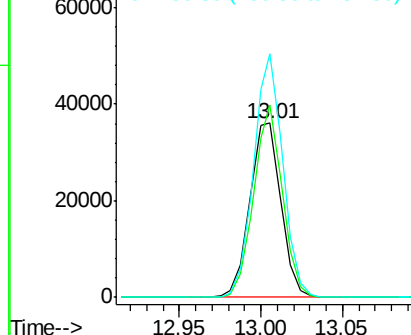
157 130.4 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX003465.D (-2030) (-)

Ion 154.80 (154.50 to 155.50): VX003465.D (-2030) (-)

Ion 156.80 (156.50 to 157.50): VX003465.D (-2030) (-)



#93

1,2,4-Trichlorobenzene

Concen: 45.99 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

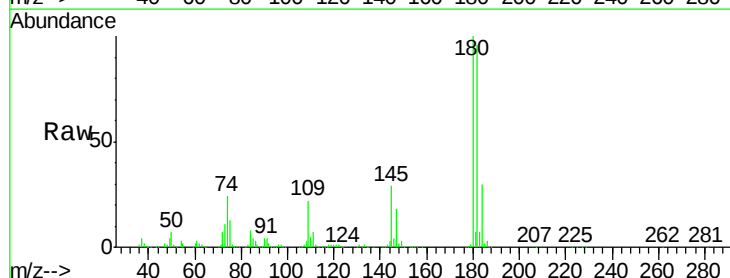
Tgt Ion: 180 Resp: 283880

Ion Ratio Lower Upper

180 100

182 96.4 47.7 143.1

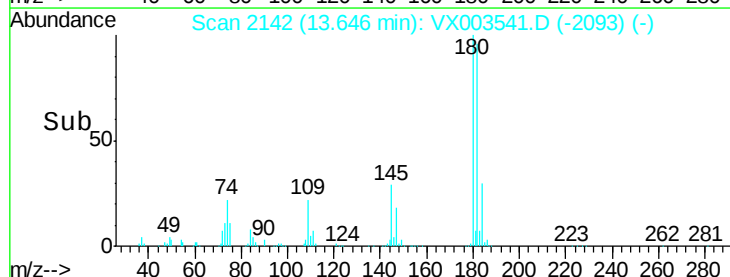
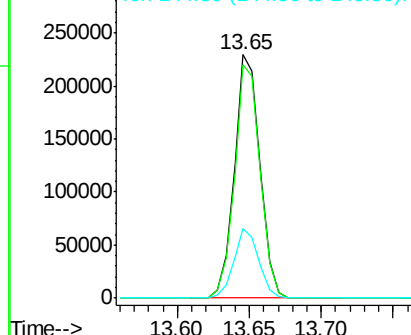
145 27.9 14.1 42.4

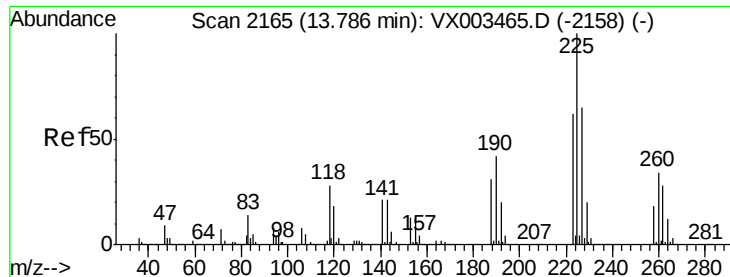


Abundance Ion 179.80 (179.50 to 180.50): VX003465.D (-2135) (-)

Ion 181.80 (181.50 to 182.50): VX003465.D (-2135) (-)

Ion 144.80 (144.50 to 145.50): VX003465.D (-2135) (-)





#94

Hexachlorobutadiene

Concen: 43.38 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

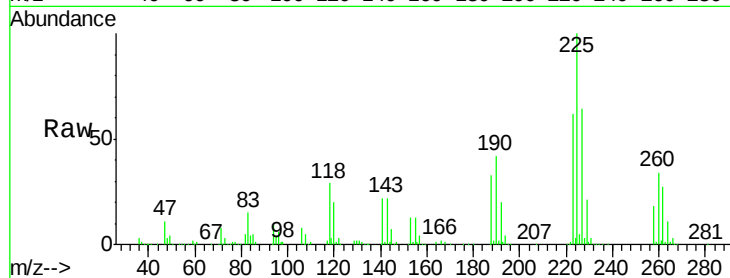
Tot Ion:225 Resp: 128764

Ion Ratio Lower Upper

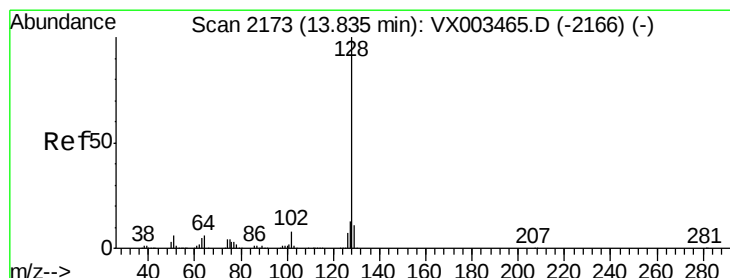
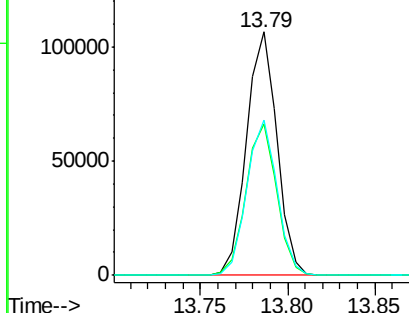
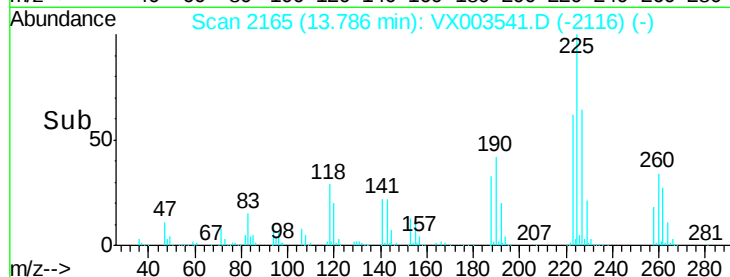
225 100

223 62.6 31.6 95.0

227 63.5 32.4 97.2



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



#95

Naphthalene

Concen: 51.13 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

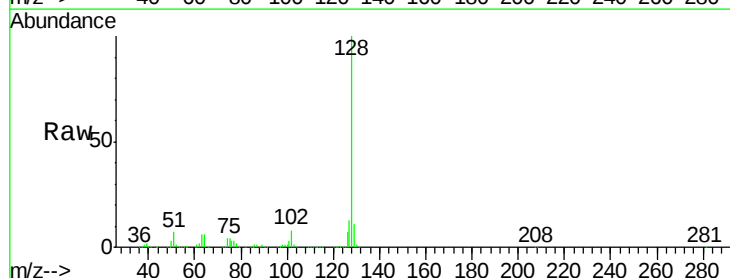
Tgt Ion:128 Resp: 829272

Ion Ratio Lower Upper

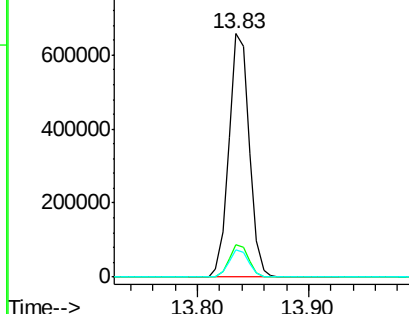
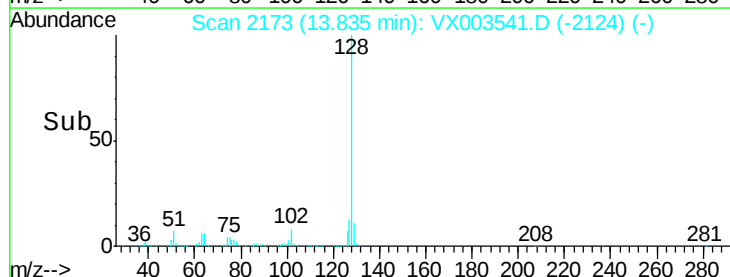
128 100

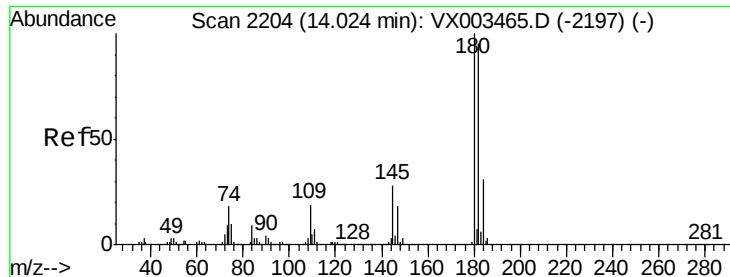
127 12.9 10.4 15.6

129 10.9 8.6 13.0



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

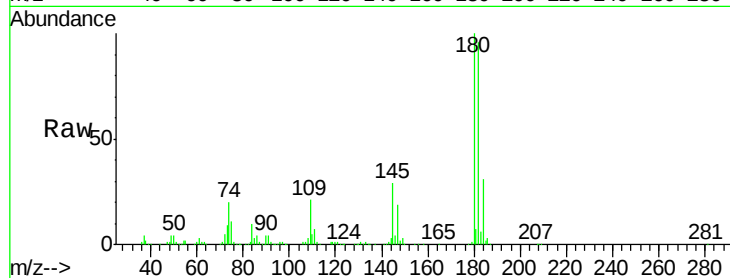




#96
 1,2,3-Trichlorobenzene
 Concen: 47.52 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.0
145	29.4	14.8	44.3



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

