

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX003999.D
 Acq On : 13 Aug 2018 14:48
 Operator : JC/MD
 Sample : J4429-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0547

Quant Time: Aug 14 03:07:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	343258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	514835	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	469134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	303325	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	223830	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
35) Dibromofluoromethane	5.51	113	186448	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
50) Toluene-d8	8.71	98	750661	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.14	95	275747	56.19	ug/l	0.00
Spiked Amount			Recovery	=	112.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1438	0.30	ug/l	93
5) Bromomethane	1.65	94	1186	0.39	ug/l #	80
6) Chloroethane	1.76	64	628	0.21	ug/l #	42
10) Methyl Iodide	2.53	142	1025	0.21	ug/l #	96
13) Acrolein	2.27	56	1413	2.34	ug/l #	1
14) Allyl chloride	2.85	41	77332	10.89	ug/l #	71
15) Acrylonitrile	3.18	53	17243	6.61	ug/l #	41
16) Acetone	2.40	43	35212	13.01	ug/l #	52
18) Methyl Acetate	2.85	43	201756	34.23	ug/l #	52
20) Methylene Chloride	2.87	84	1605	0.24	ug/l #	1
25) 2-Butanone	4.70	43	2024	0.50	ug/l	95
26) 2,2-Dichloropropane	4.40	77	17556	3.14	ug/l #	51
30) Chloroform	5.27	83	3081	0.42	ug/l	97
31) Cyclohexane	5.58	56	2997575	457.08	ug/l	99
36) 1,1-Dichloropropene	5.67	75	22984	3.99	ug/l #	49
38) Carbon Tetrachloride	5.66	117	30089	5.48	ug/l #	15
39) Methylcyclohexane	7.46	83	1535700	225.89	ug/l	99
40) Benzene	6.15	78	38288	2.21	ug/l	98
43) Isopropyl Acetate	6.46	43	19456	2.04	ug/l #	63
45) 1,2-Dichloropropane	7.46	63	13457	3.01	ug/l #	1
47) Bromodichloromethane	7.85	83	2007	0.37	ug/l #	91
48) Methyl methacrylate	7.73	41	60716	12.51	ug/l #	52
51) 4-Methyl-2-Pentanone	8.67	43	8689	1.10	ug/l #	45
52) Toluene	8.79	92	689747	63.05	ug/l	100
55) 1,1,2-Trichloroethane	9.16	97	47658	10.66	ug/l #	19
56) Ethyl methacrylate	9.16	69	10446	1.61	ug/l #	1
67) Ethyl Benzene	10.26	91	12240437	612.56	ug/l #	85
68) m/p-Xylenes	10.37	106	15830201	2027.45	ug/l #	48
69) o-Xylene	10.70	106	3257123	441.91	ug/l	97
70) Styrene	10.70	104	168568	13.97	ug/l #	1
73) Isopropylbenzene	11.02	105	1191555	53.10	ug/l	95
74) N-amyl acetate	6.46	43	19479	1.67	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	11.27	83	2317	0.30	ug/l #	51
76) 1,2,3-Trichloropropane	11.36	75	7325	1.09	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX003999.D
 Acq On : 13 Aug 2018 14:48
 Operator : JC/MD
 Sample : J4429-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0547

Quant Time: Aug 14 03:07:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

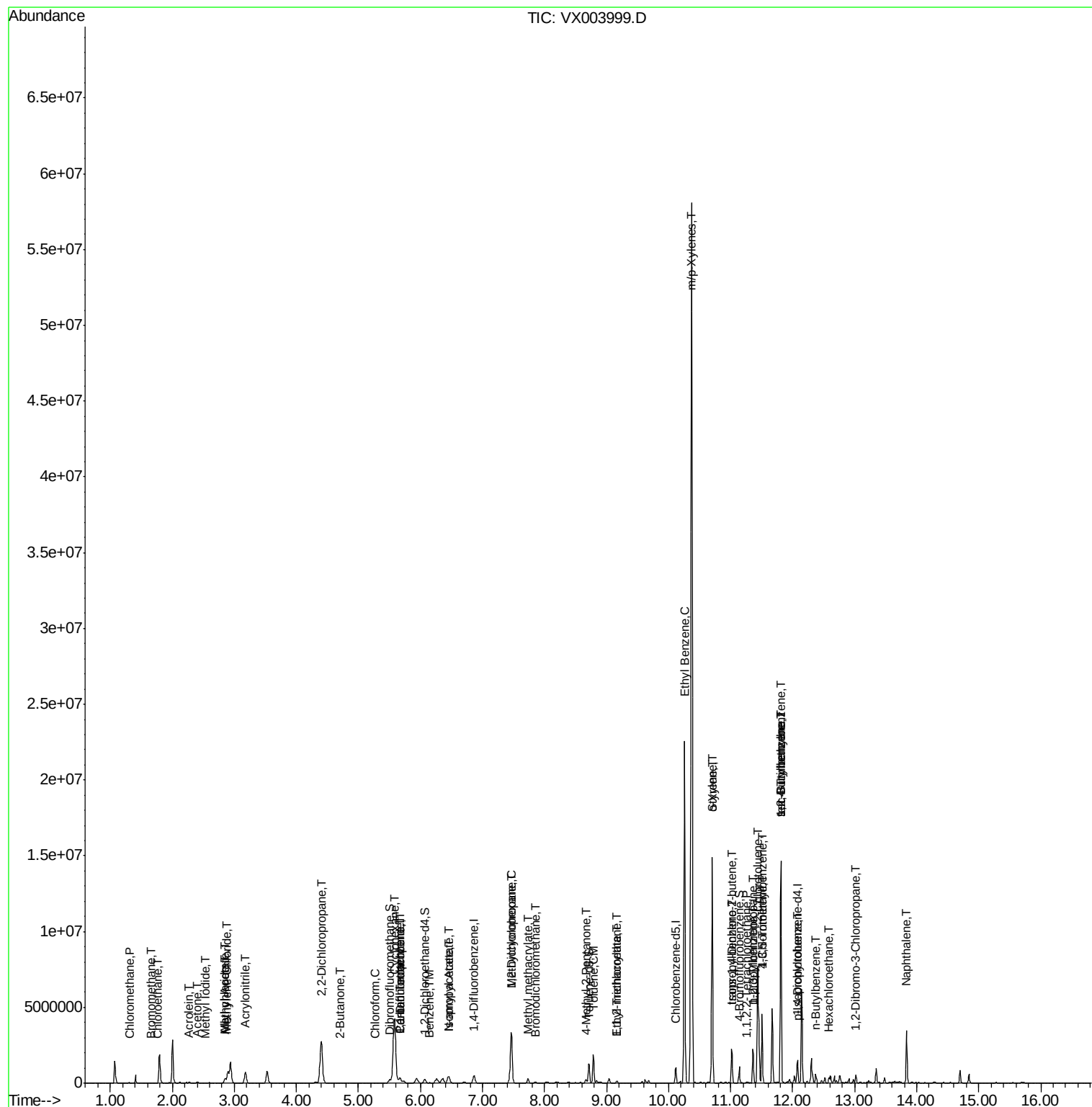
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	11.36	91	1345402	53.40	ug/l	100
79) 2-Chlorotoluene	11.43	91	663910	43.22	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	1989819	108.75	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.02	75	13347	6.07	ug/l #	70
82) 4-Chlorotoluene	11.51	91	199685	11.09	ug/l #	44
83) tert-Butylbenzene	11.81	119	813460	45.19	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.81	105	6091101	331.08	ug/l	95
85) sec-Butylbenzene	11.81	105	6091101	286.74	ug/l #	56
86) p-Isopropyltoluene	12.07	119	114101	5.99	ug/l	98
89) n-Butylbenzene	12.38	91	80948	4.87	ug/l #	16
90) Hexachloroethane	12.59	117	15683	5.07	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1604	1.02	ug/l #	1
95) Naphthalene	13.83	128	2071495	91.69	ug/l	100

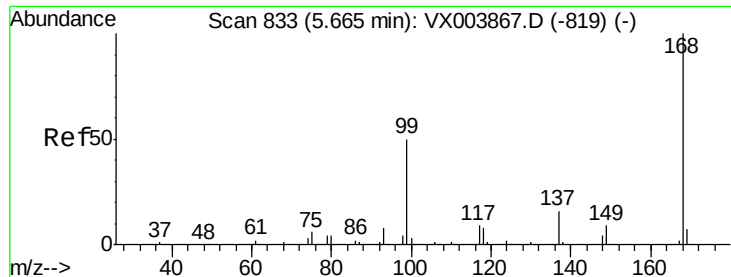
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081318\
Data File : VX003999.D
Acq On : 13 Aug 2018 14:48
Operator : JC/MD
Sample : J4429-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0547

Quant Time: Aug 14 03:07:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 13 01:34:27 2018
Response via : Initial Calibration

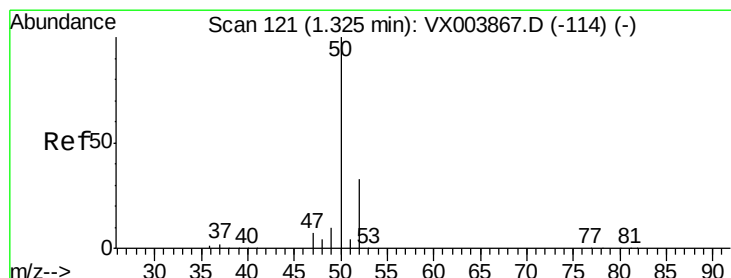
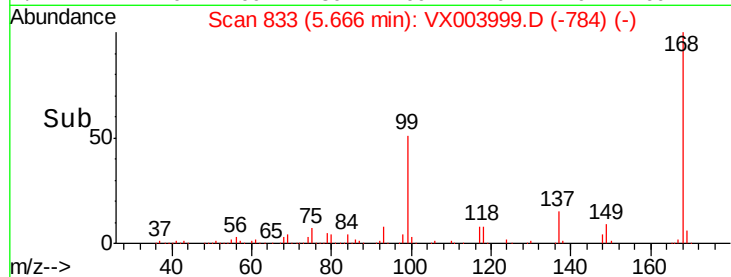
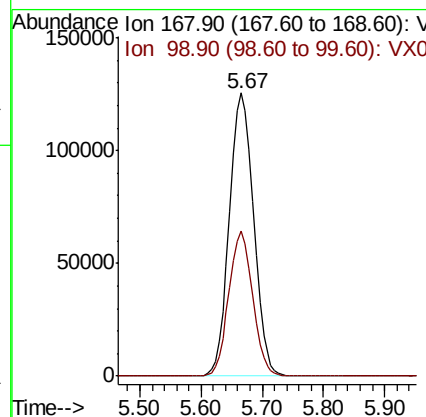
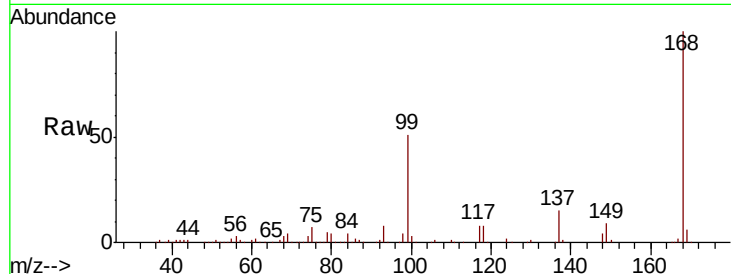




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

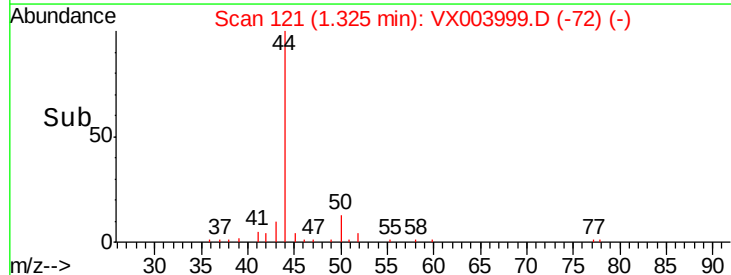
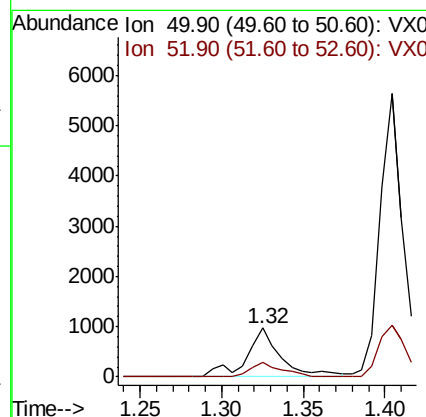
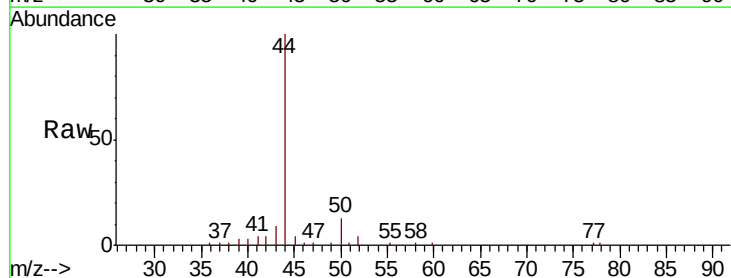
Instrument :
MSVOA_X
ClientSampleId :
FL-0547

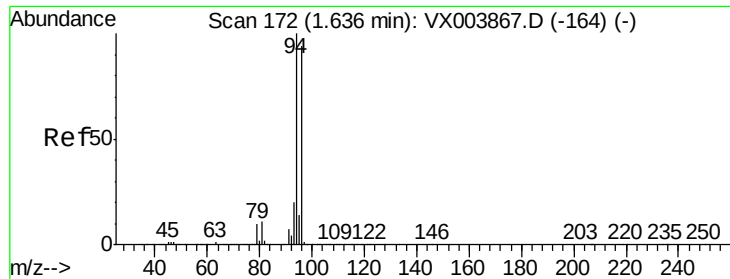
Tot Ion:168 Resp: 343258
Ion Ratio Lower Upper
168 100
99 51.3 40.1 60.1



#3
Chloromethane
Concen: 0.30 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

Tgt Ion: 50 Resp: 1438
Ion Ratio Lower Upper
50 100
52 29.0 26.6 39.8





#5

Bromomethane

Concen: 0.39 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

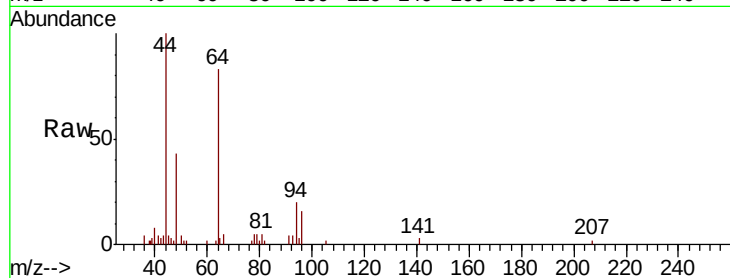
FL-0547

Tot Ion: 94 Resp: 1186

Ion Ratio Lower Upper

94 100

96 74.6 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

600

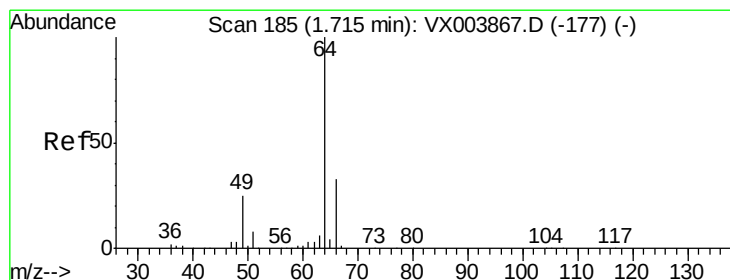
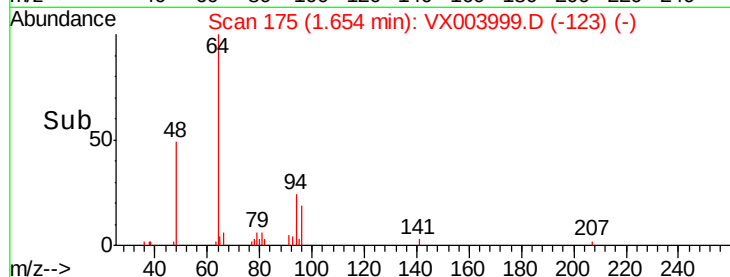
400

200

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 0.21 ug/l

RT: 1.76 min Scan# 192

Delta R.T. 0.04 min

Lab File: VX003999.D

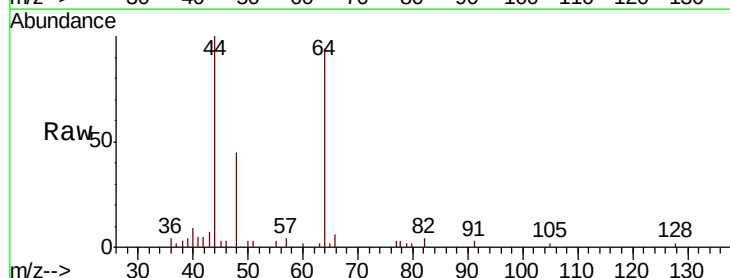
Acq: 13 Aug 2018 14:48

Tgt Ion: 64 Resp: 628

Ion Ratio Lower Upper

64 100

66 0.0 26.5 39.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.76

3000

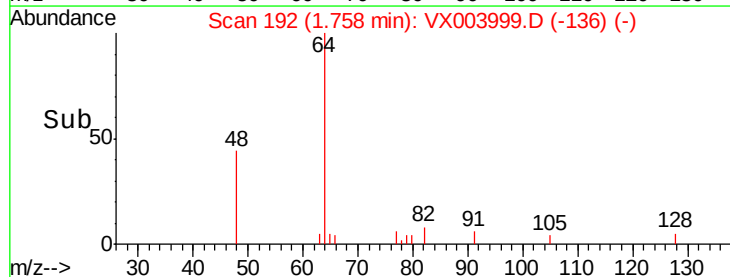
2000

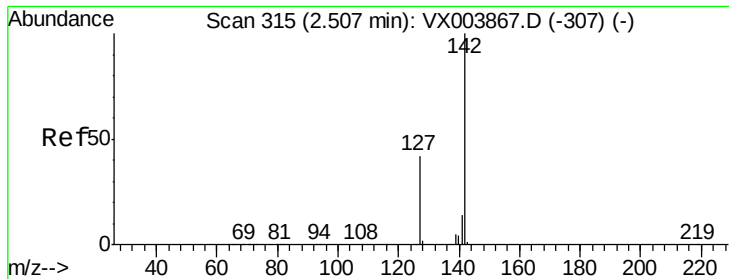
1000

0

1.74 1.76 1.78 1.80

Time-->

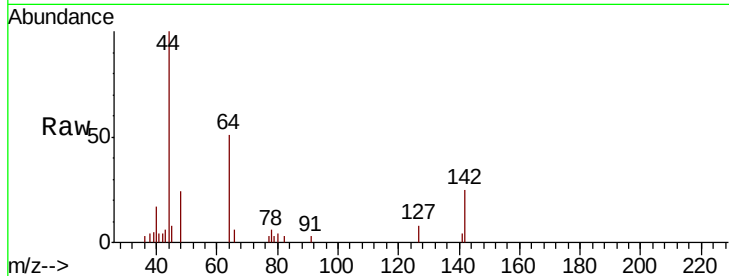




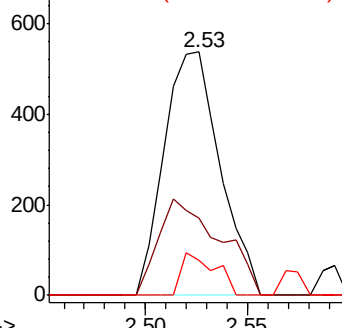
#10
Methvl Iodide
Concen: 0.21 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

Instrument :
MSVOA_X
ClientSampled :
FL-0547

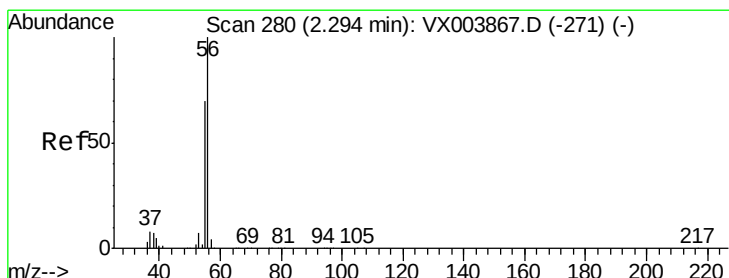
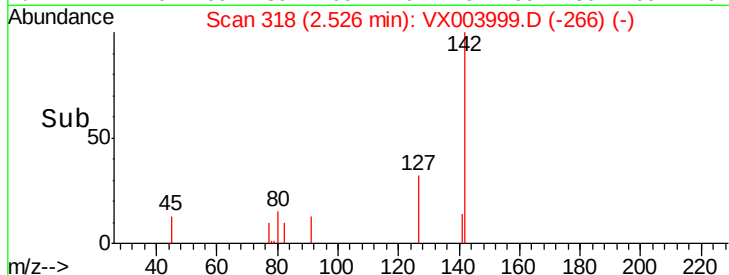
Tot Ion	Ratio	Lower	Upper
142	100		
127	43.3	33.1	49.7
141	10.4	11.1	16.7#



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

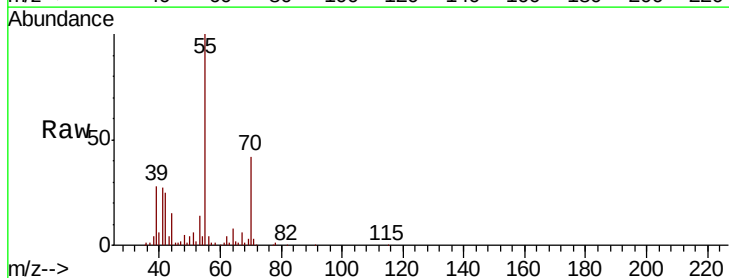


Time-->

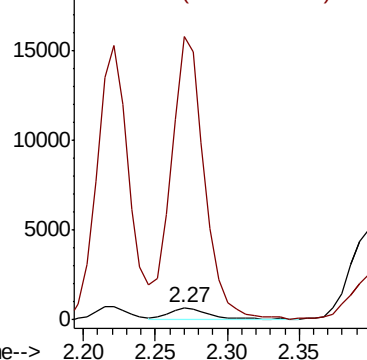


#13
Acrolein
Concen: 2.34 ug/l
RT: 2.27 min Scan# 276
Delta R.T. -0.02 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

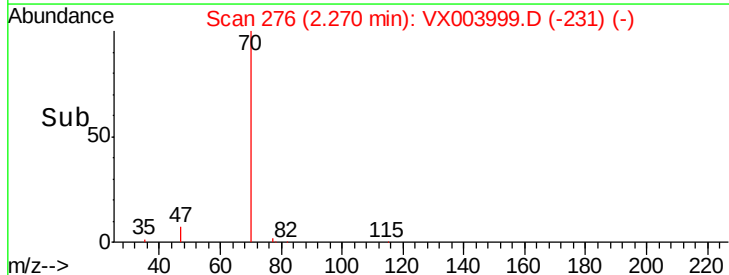
Tgt Ion	Ratio	Lower	Upper
56	100		
55	1774.9	56.1	84.1#

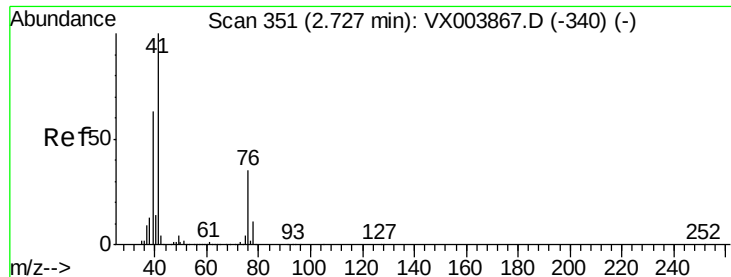


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



Time-->

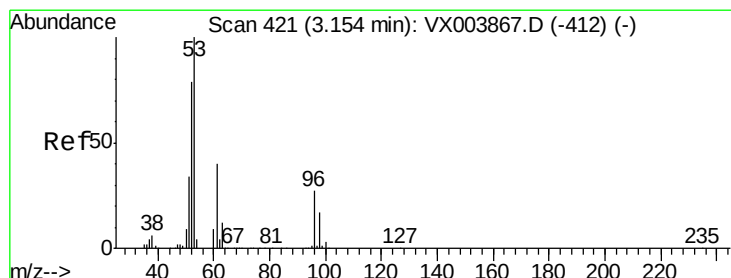
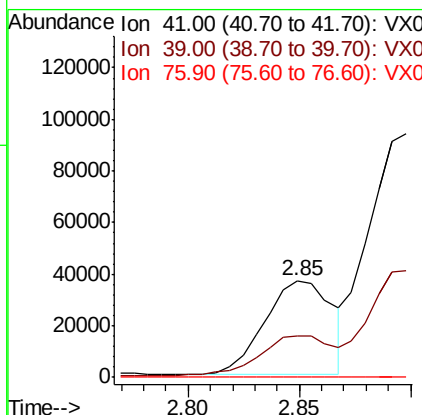
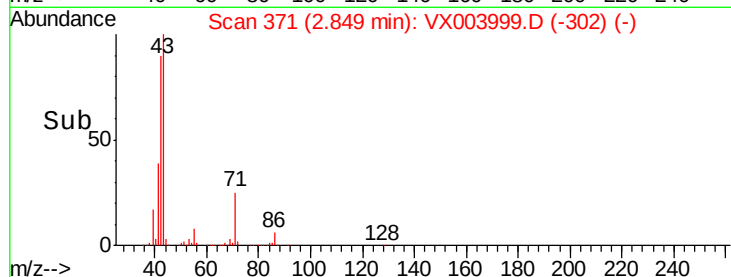
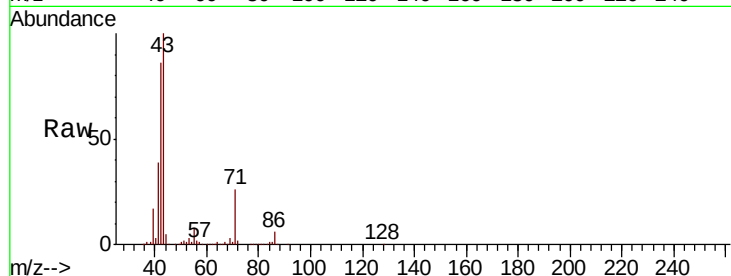




#14
Allvl chloride
Concen: 10.89 ug/l
RT: 2.85 min Scan# 371
Delta R.T. 0.12 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

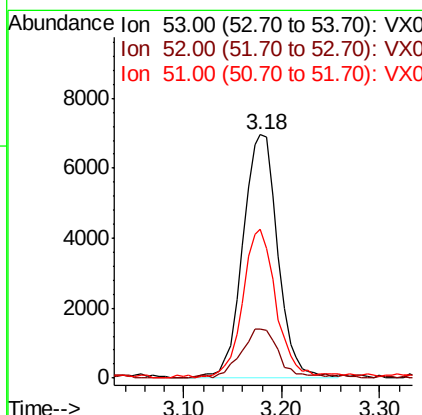
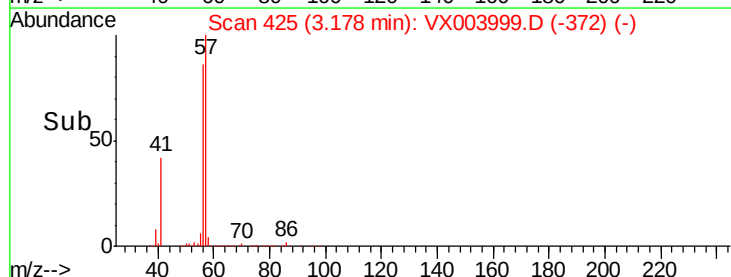
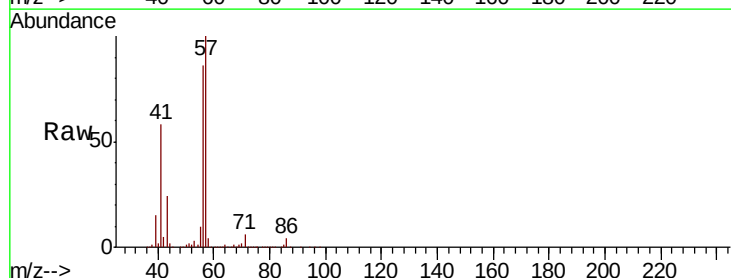
Instrument :
MSVOA_X
ClientSampled :
FL-0547

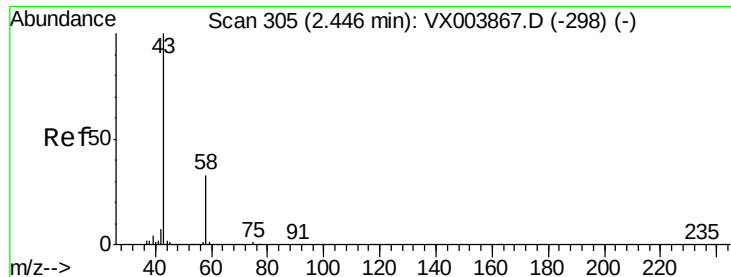
Tot Ion: 41 Resp: 77332
Ion Ratio Lower Upper
41 100
39 49.8 47.4 71.0
76 0.1 26.0 39.0#



#15
Acrylonitrile
Concen: 6.61 ug/l
RT: 3.18 min Scan# 425
Delta R.T. 0.02 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

Tgt Ion: 53 Resp: 17243
Ion Ratio Lower Upper
53 100
52 21.7 65.3 97.9#
51 58.9 27.9 41.9#





#16

Acetone

Concen: 13.01 ug/l

RT: 2.40 min Scan# 297

Delta R.T. -0.05 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

Instrument :

MSVOA_X

ClientSampled :

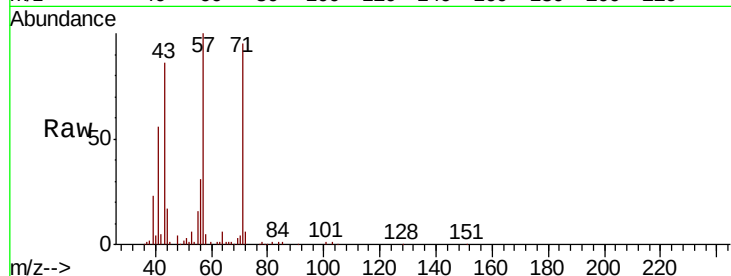
FL-0547

Tot Ion: 43 Resp: 35212

Ion Ratio Lower Upper

43 100

58 5.9 26.4 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

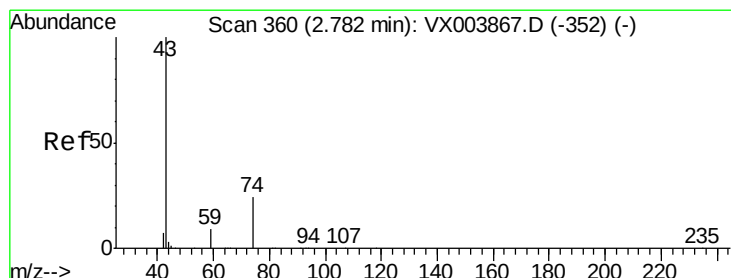
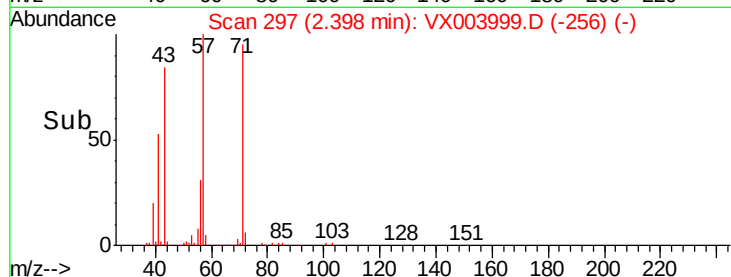
15000

10000

5000

2.40

Time-->



#18

Methyl Acetate

Concen: 34.23 ug/l

RT: 2.85 min Scan# 371

Delta R.T. 0.07 min

Lab File: VX003999.D

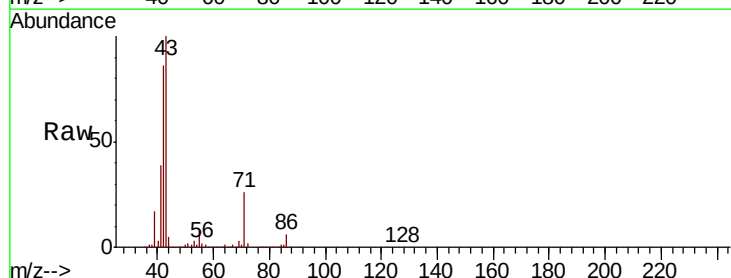
Acq: 13 Aug 2018 14:48

Tgt Ion: 43 Resp: 201756

Ion Ratio Lower Upper

43 100

74 0.0 18.9 28.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

250000

200000

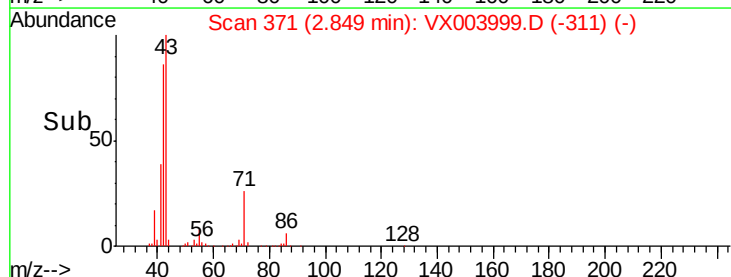
150000

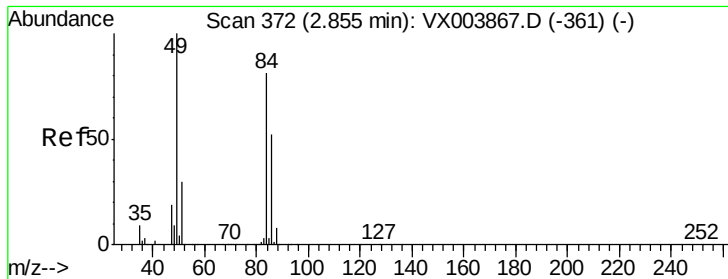
100000

50000

2.85

Time-->

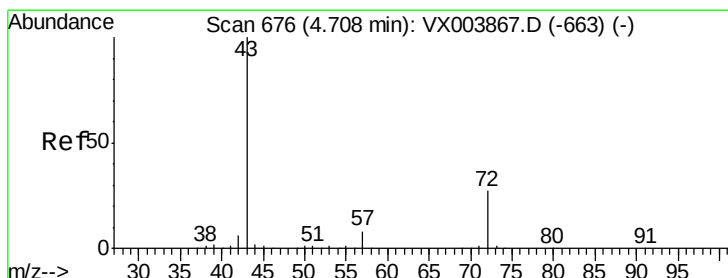
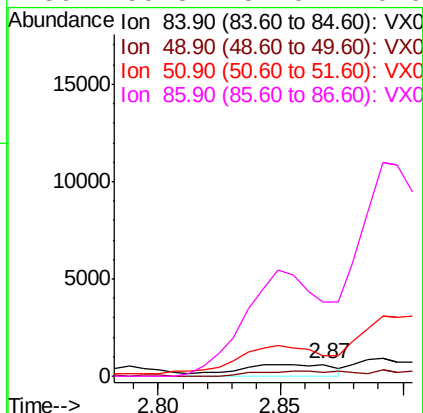
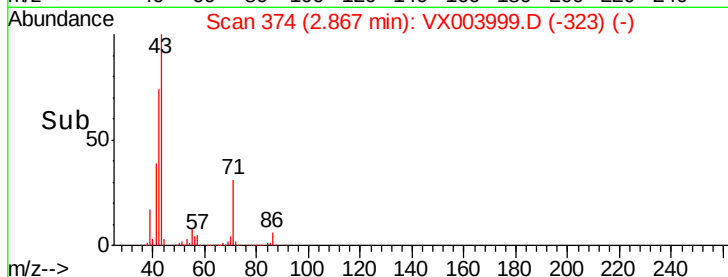
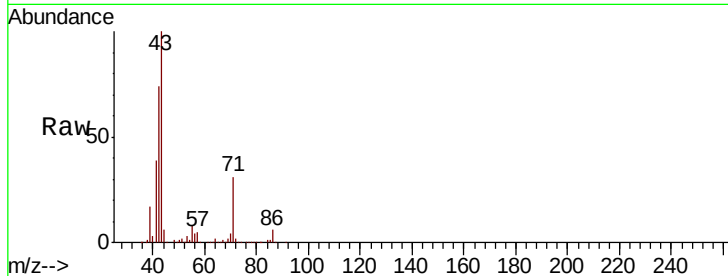




#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

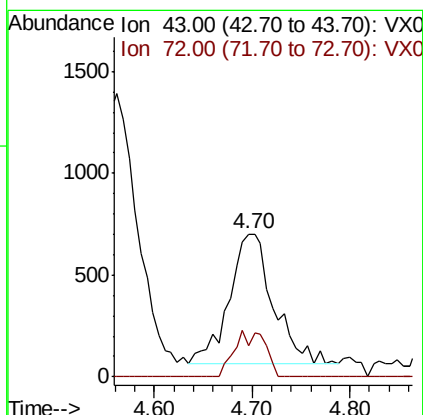
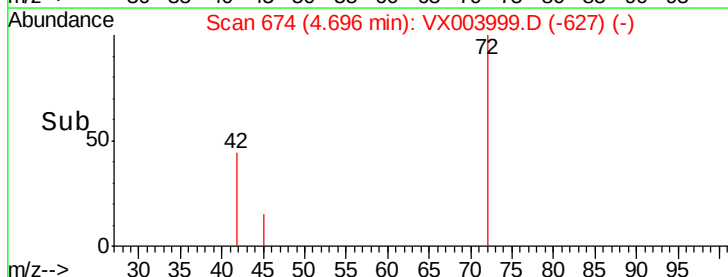
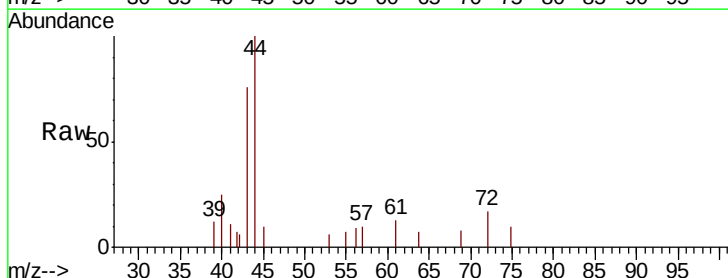
Instrument :
MSVOA_X
ClientSampleId :
FL-0547

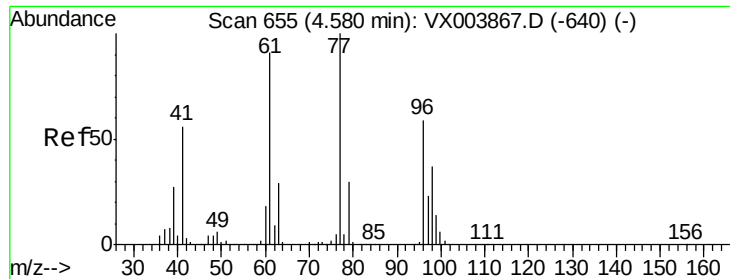
Tot Ion:	84	Resp:	1605
Ion	Ratio	Lower	Upper
84	100		
49	35.2	98.9	148.3#
51	164.4	29.9	44.9#
86	759.3	51.0	76.6#



#25
2-Butanone
Concen: 0.50 ug/l
RT: 4.70 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

Tgt Ion:	43	Resp:	2024
Ion	Ratio	Lower	Upper
43	100		
72	24.1	21.4	32.0





#26

2,2-Dichloropropane

Concen: 3.14 ug/l

RT: 4.40 min Scan# 626

Delta R.T. -0.18 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

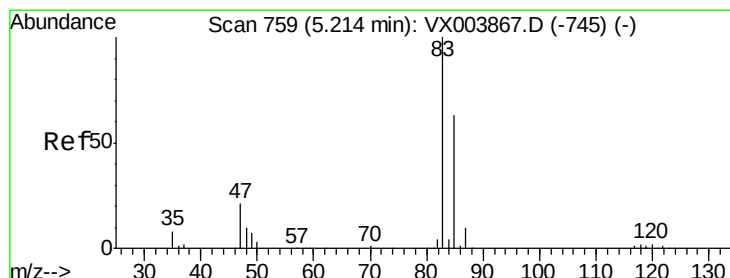
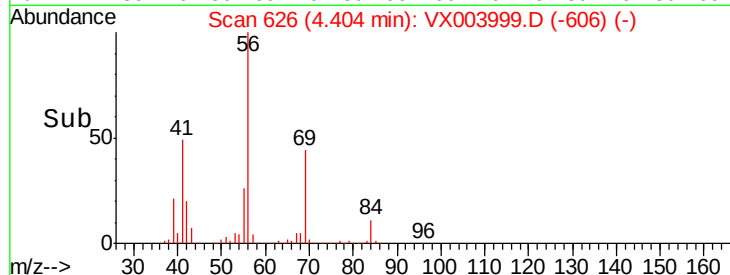
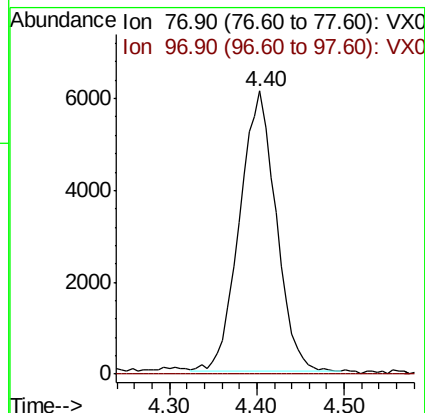
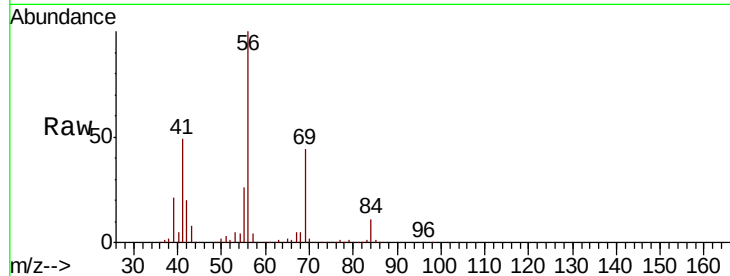
FL-0547

Tot Ion: 77 Resp: 17556

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.9#



#30

Chloroform

Concen: 0.42 ug/l

RT: 5.27 min Scan# 768

Delta R.T. 0.06 min

Lab File: VX003999.D

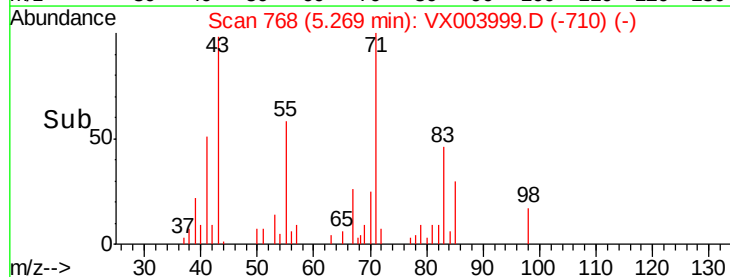
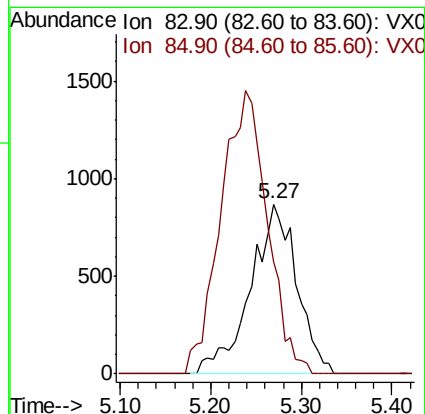
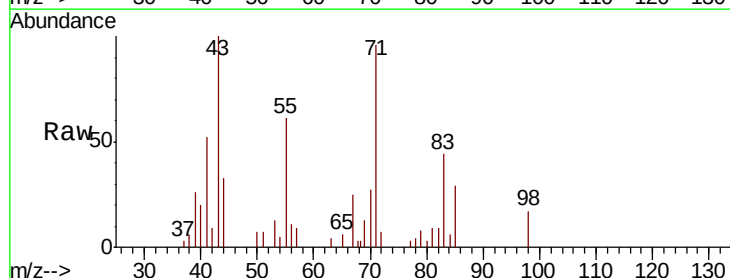
Acq: 13 Aug 2018 14:48

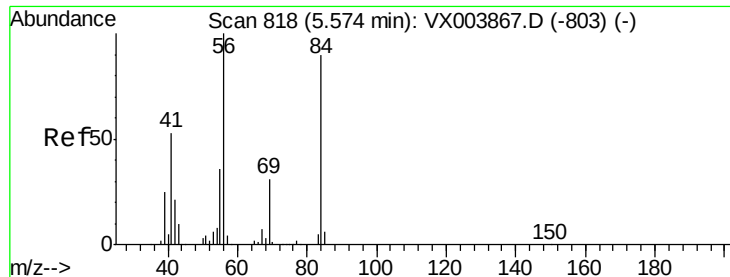
Tgt Ion: 83 Resp: 3081

Ion Ratio Lower Upper

83 100

85 65.9 50.7 76.1

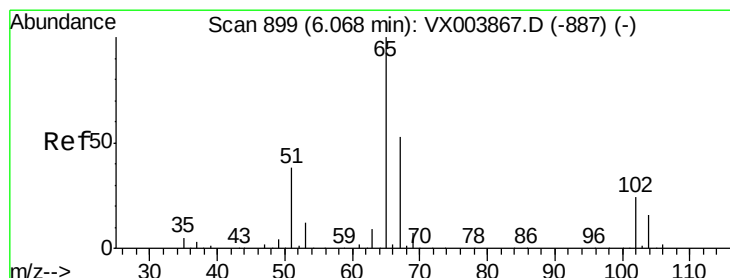
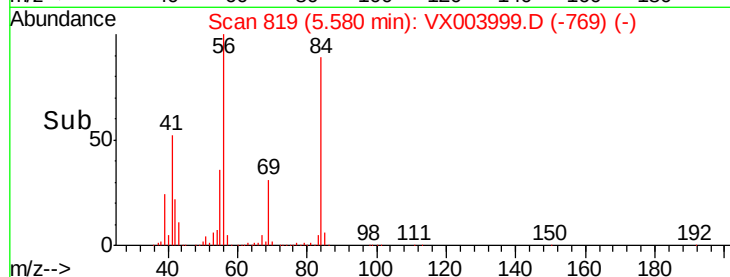
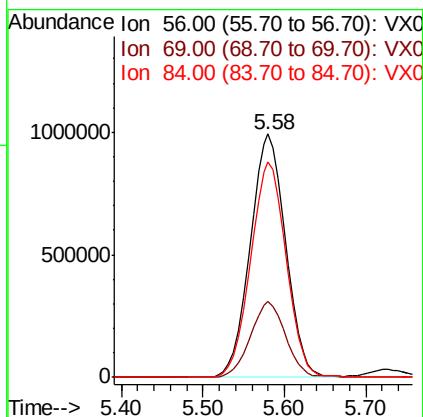
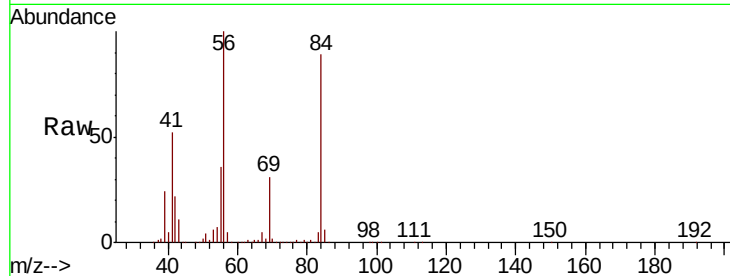




#31
Cyclohexane
Concen: 457.08 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

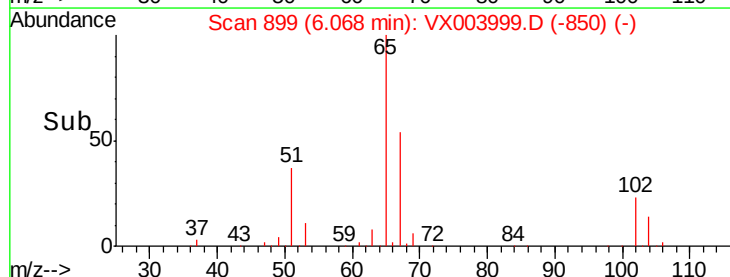
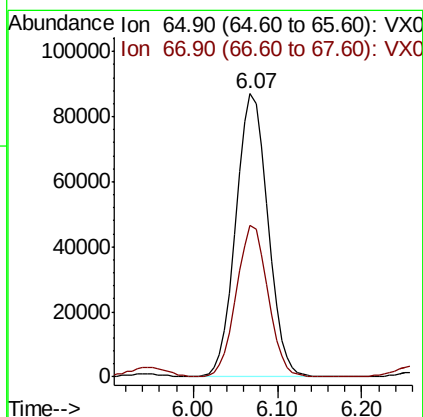
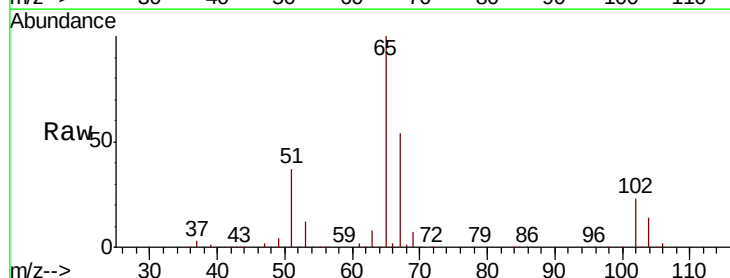
Instrument :
MSVOA_X
ClientSampleId :
FL-0547

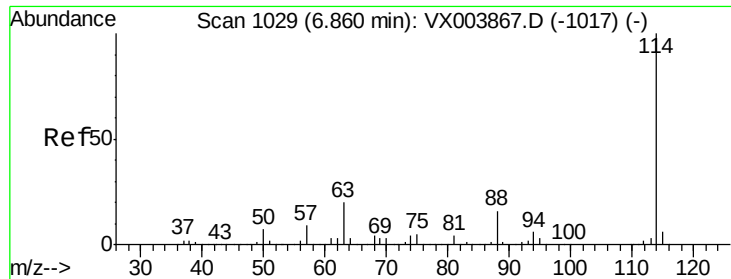
Tot Ion: 56 Resp: 2997575
Ion Ratio Lower Upper
56 100
69 31.0 24.9 37.3
84 88.7 71.7 107.5



#33
1,2-Dichloroethane-d4
Concen: 49.19 ug/l
RT: 6.07 min Scan# 899
Delta R.T. 0.00 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

Tgt Ion: 65 Resp: 223830
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

FL-0547

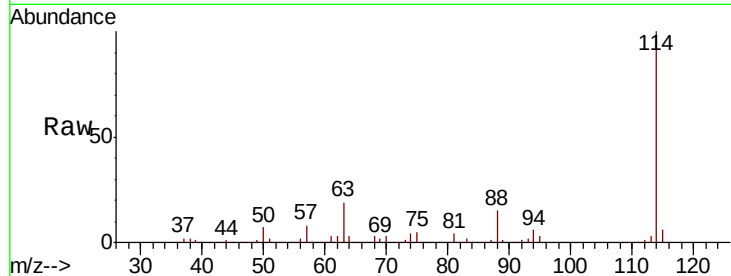
Tot Ion:114 Resp: 514835

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

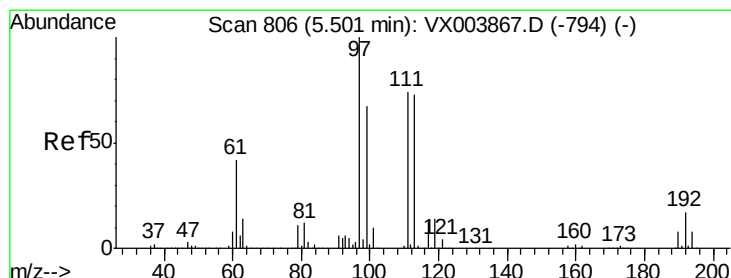
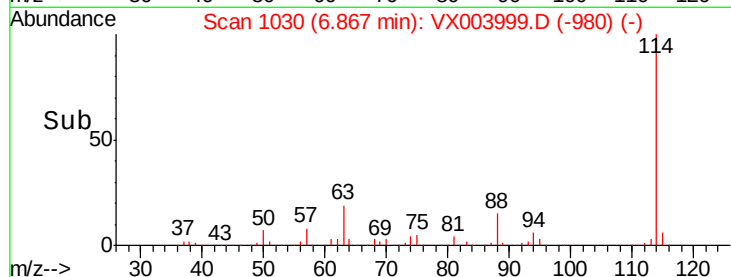
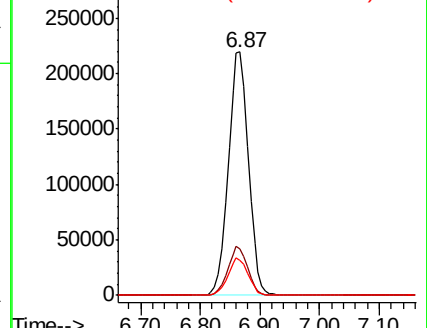
88 14.6 0.0 32.0



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: 47.80 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

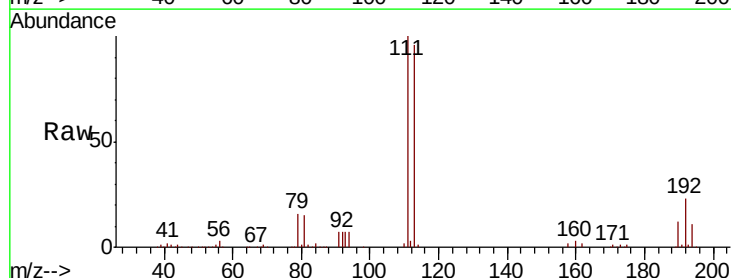
Tgt Ion:113 Resp: 186448

Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

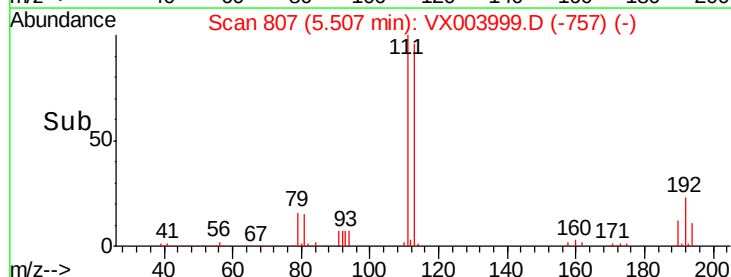
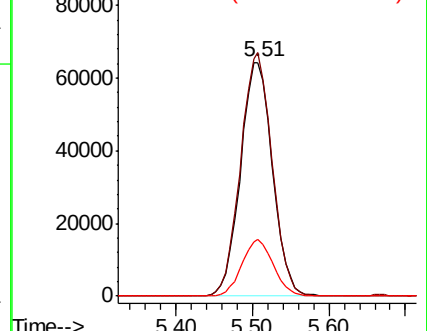
192 23.8 19.0 28.4

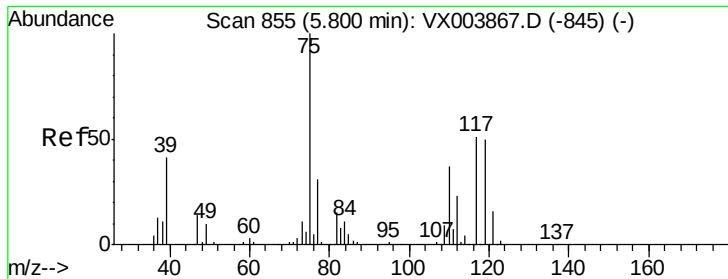


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

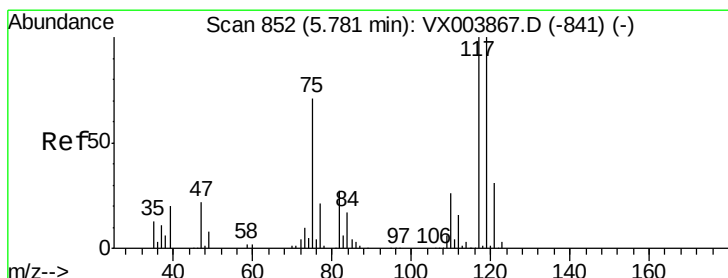
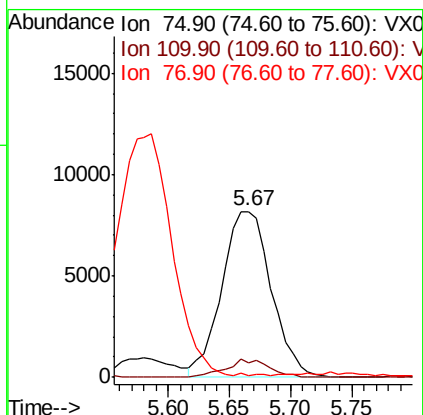
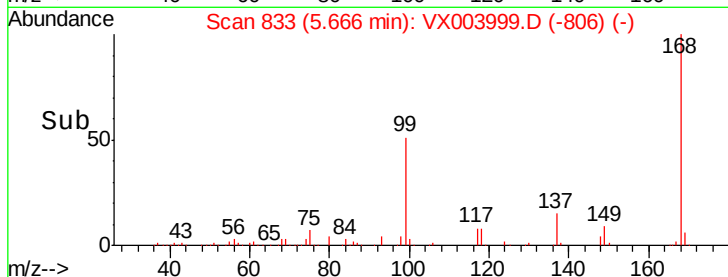
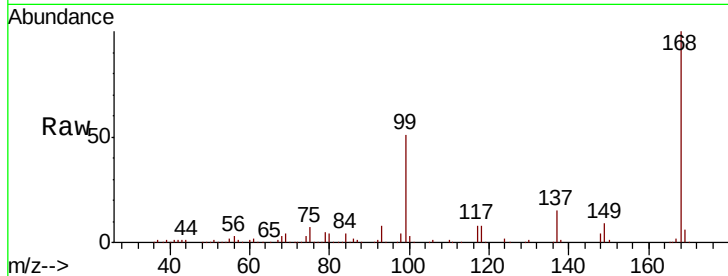




#36
 1,1-Dichloropropene
 Concen: 3.99 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003999.D
 Acq: 13 Aug 2018 14:48

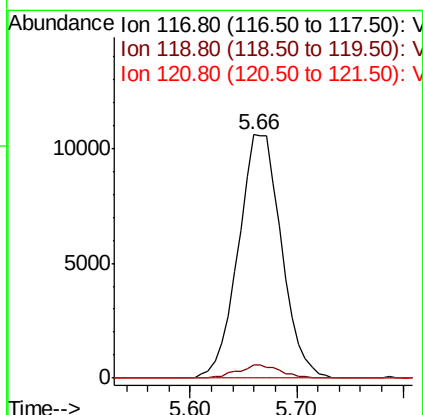
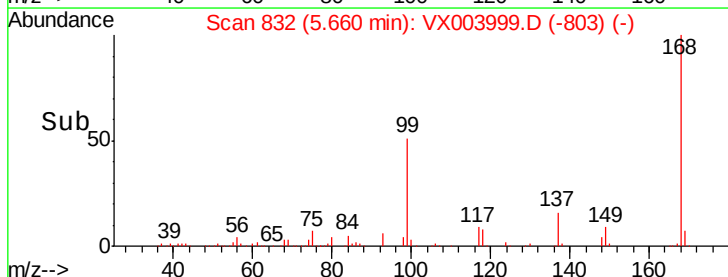
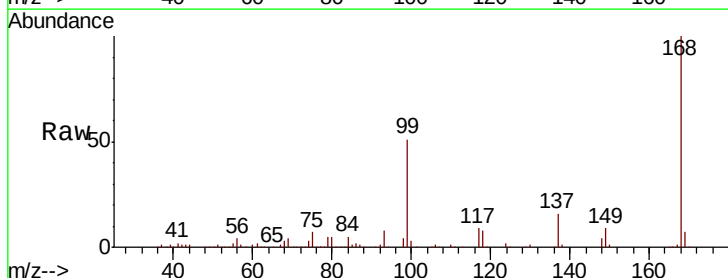
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0547

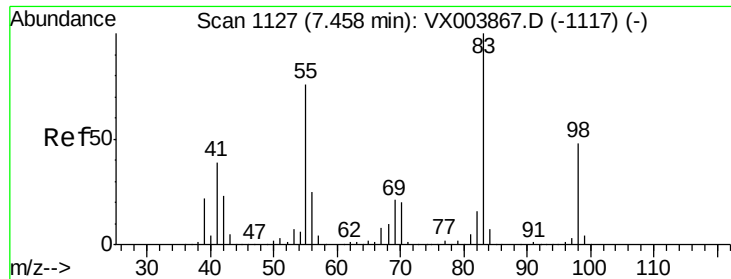
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.2	54.6#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.48 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.12 min
 Lab File: VX003999.D
 Acq: 13 Aug 2018 14:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	79.5	119.3#
121	0.0	25.0	37.4#

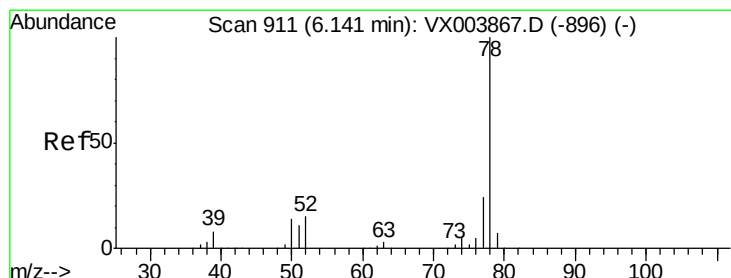
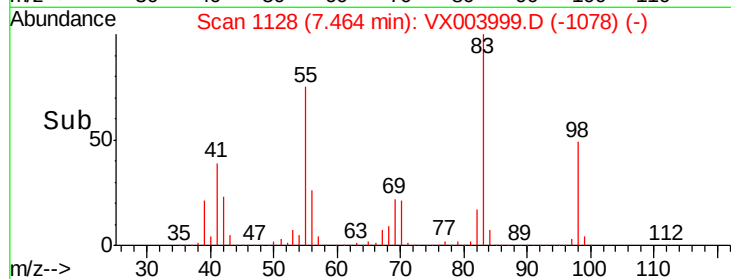
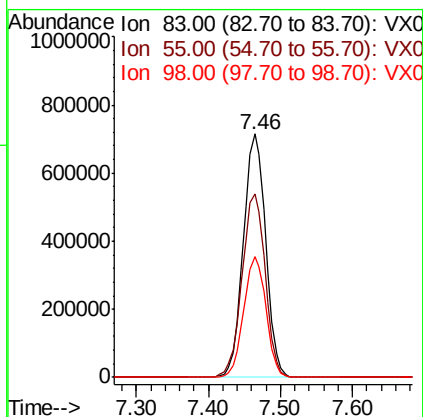
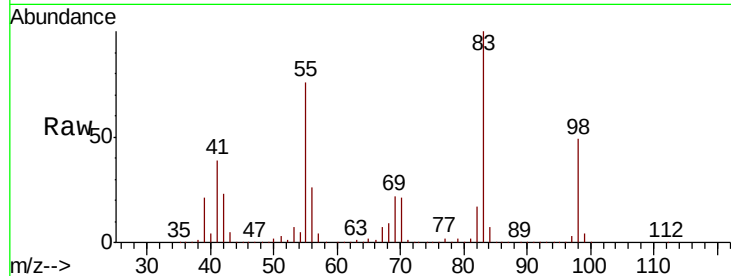




#39
Methylvlcyclohexane
Concen: 225.89 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

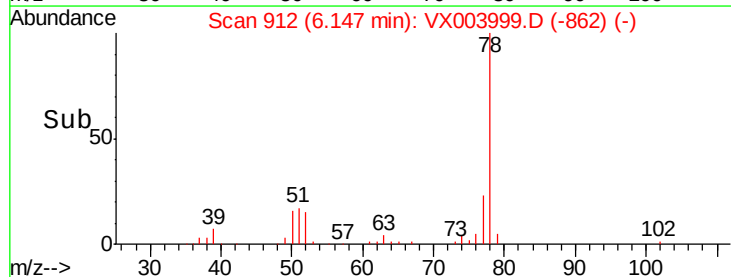
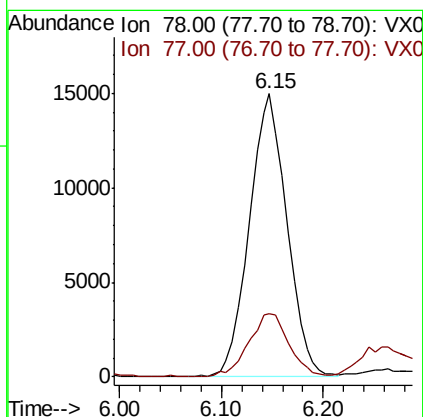
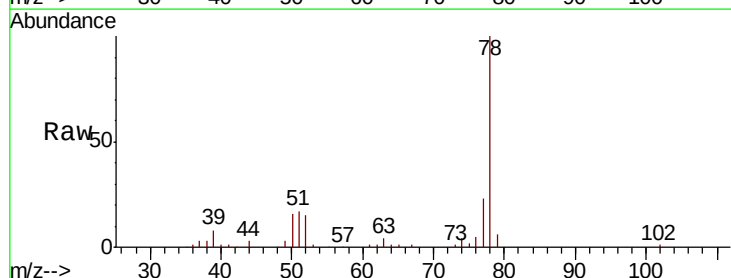
Instrument :
MSVOA_X
ClientSampleId :
FL-0547

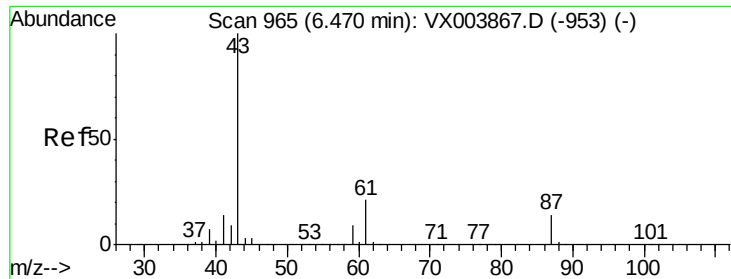
Tot Ion: 83 Resp: 1535700
Ion Ratio Lower Upper
83 100
55 75.5 61.0 91.6
98 49.5 38.6 57.8



#40
Benzene
Concen: 2.21 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

Tgt Ion: 78 Resp: 38288
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.4





#43

Isopropyl Acetate

Concen: 2.04 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

FL-0547

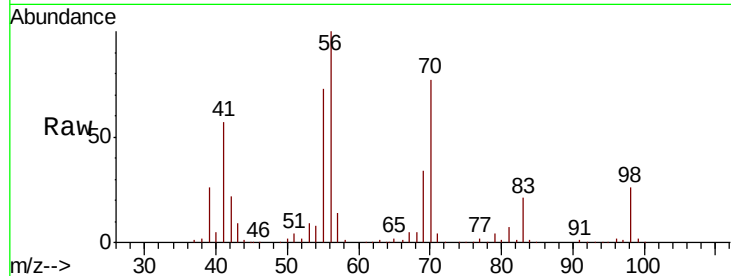
Tot Ion: 43 Resp: 19456

Ion Ratio Lower Upper

43 100

61 2.7 16.9 25.3#

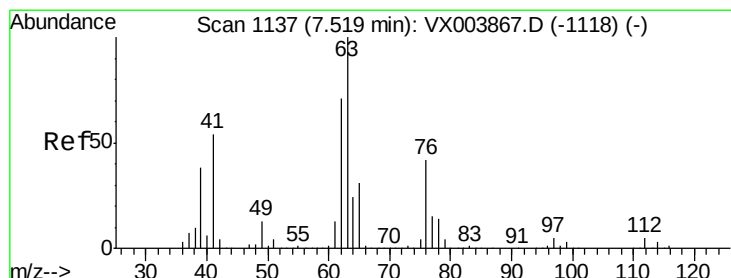
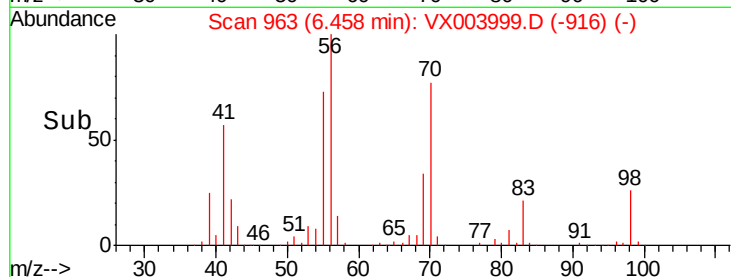
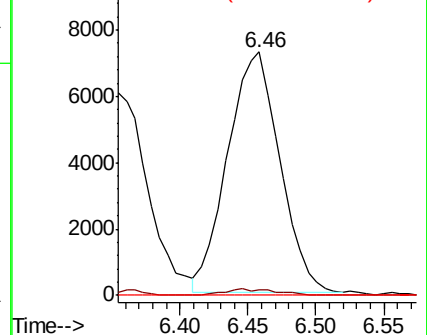
87 0.0 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#45

1,2-Dichloropropane

Concen: 3.01 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.05 min

Lab File: VX003999.D

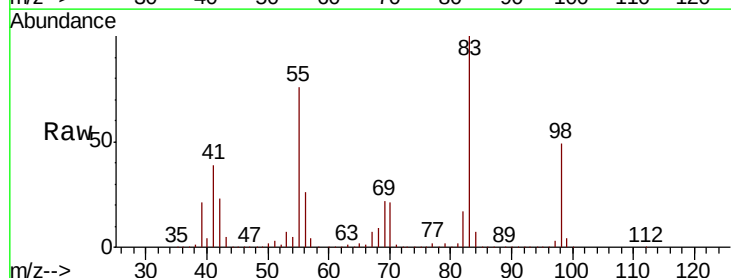
Acq: 13 Aug 2018 14:48

Tgt Ion: 63 Resp: 13457

Ion Ratio Lower Upper

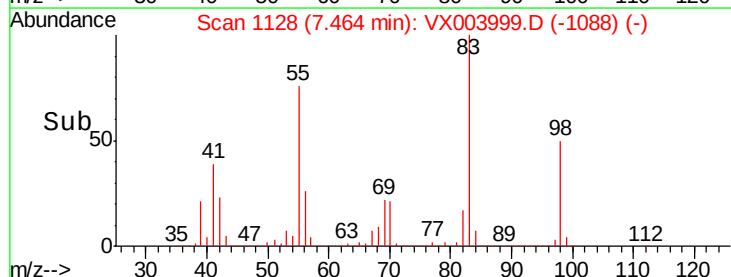
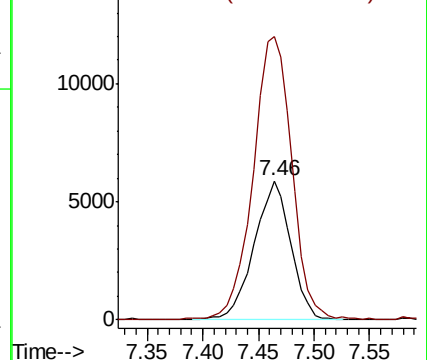
63 100

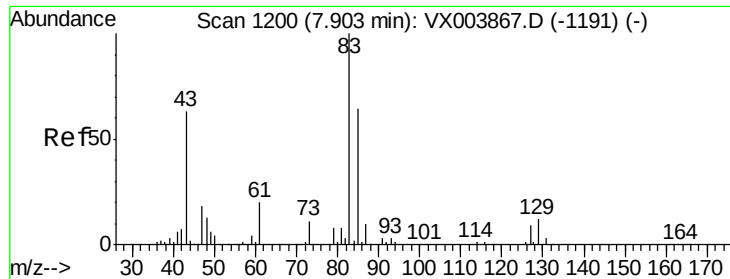
65 202.5 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#47

Bromodichloromethane

Concen: 0.37 ug/l

RT: 7.85 min Scan# 1192

Delta R.T. -0.05 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

Instrument :

MSVOA_X

ClientSampled :

FL-0547

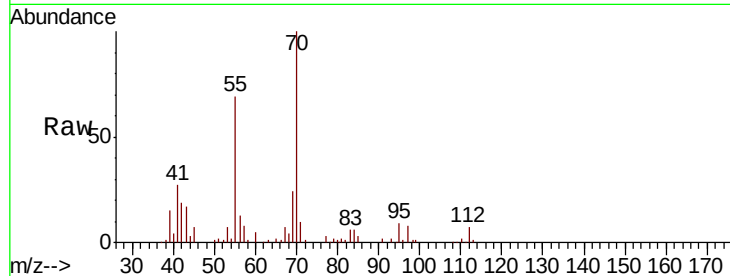
Tot Ion: 83 Resp: 2007

Ion Ratio Lower Upper

83 100

85 58.9 51.2 76.8

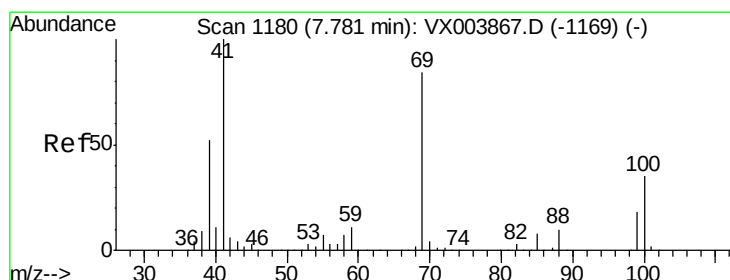
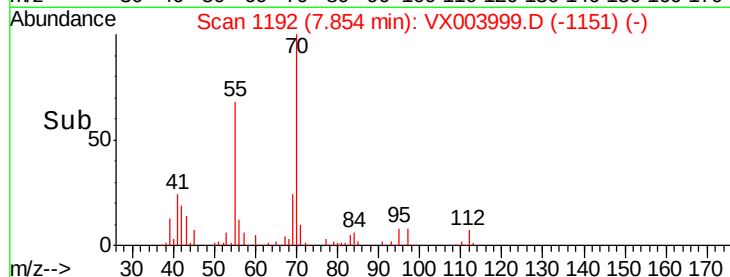
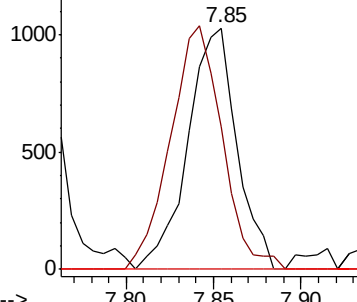
127 0.0 7.2 10.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 12.51 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.05 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

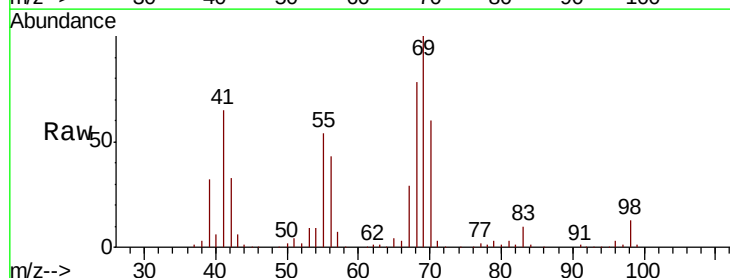
Tgt Ion: 41 Resp: 60716

Ion Ratio Lower Upper

41 100

69 153.3 68.8 103.2#

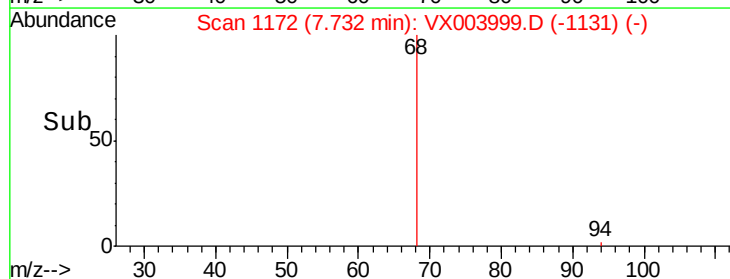
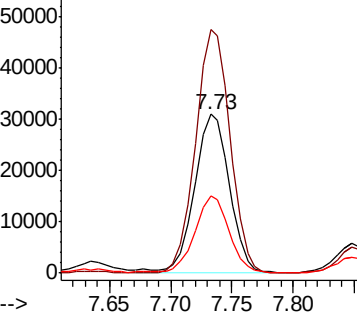
39 47.2 42.3 63.5

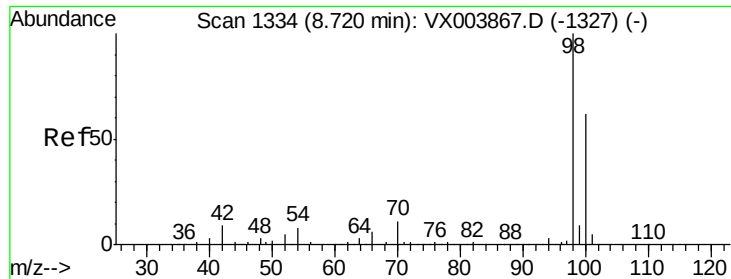


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

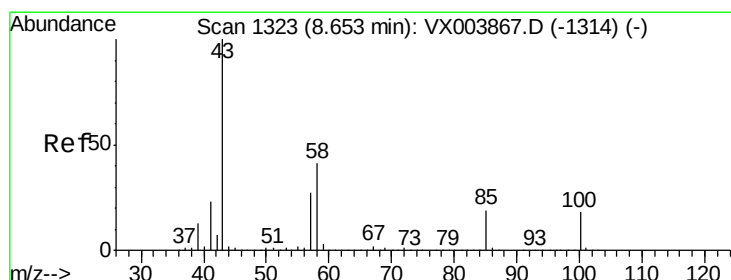
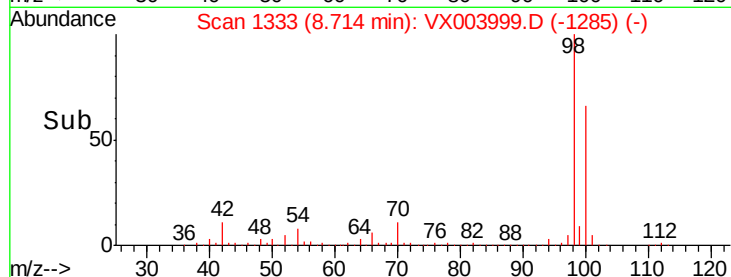
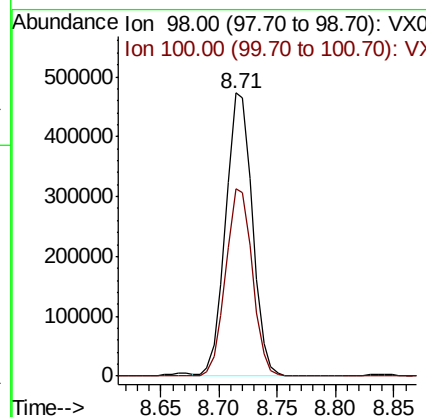
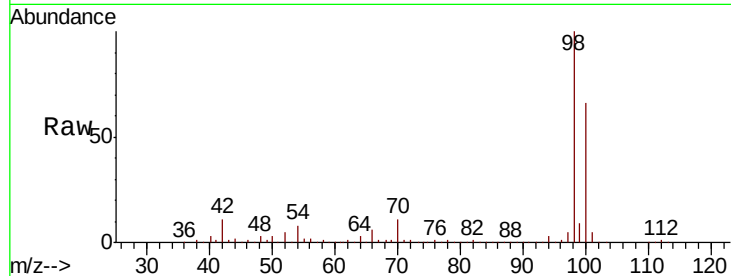




#50
Toluene-d8
Concen: 49.49 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

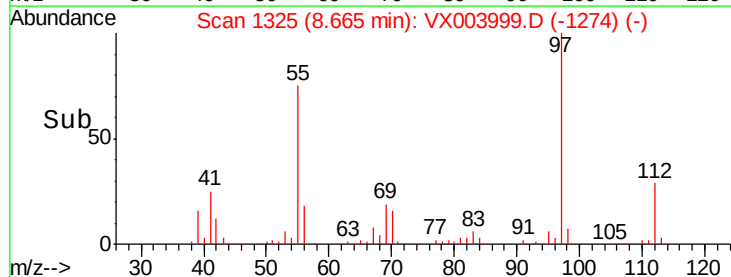
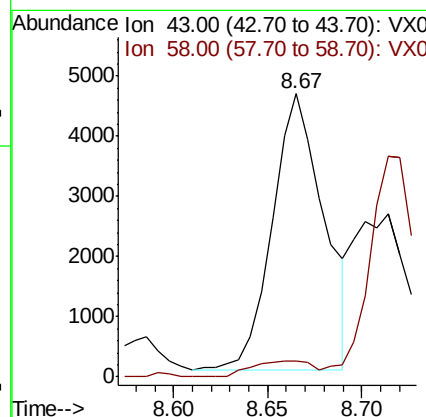
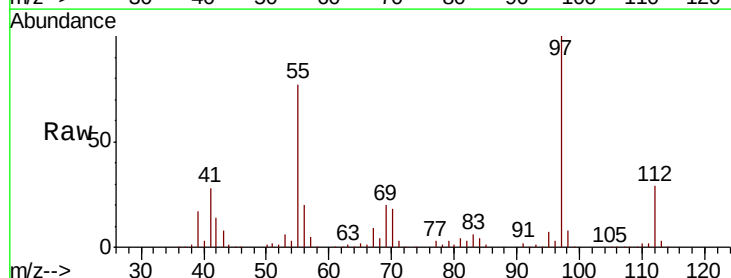
Instrument :
MSVOA_X
ClientSampleId :
FL-0547

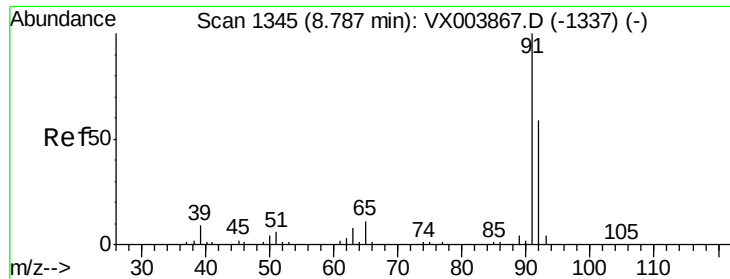
Tot Ion: 98 Resp: 750661
Ion Ratio Lower Upper
98 100
100 65.9 53.3 79.9



#51
4-Methyl-2-Pentanone
Concen: 1.10 ug/l
RT: 8.67 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

Tgt Ion: 43 Resp: 8689
Ion Ratio Lower Upper
43 100
58 6.8 33.0 49.6#





#52

Toluene

Concen: 63.05 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

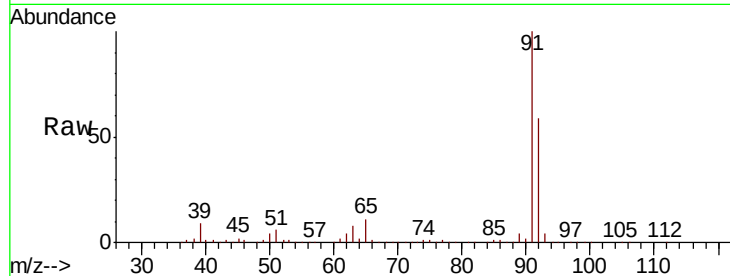
FL-0547

Tot Ion: 92 Resp: 689747

Ion Ratio Lower Upper

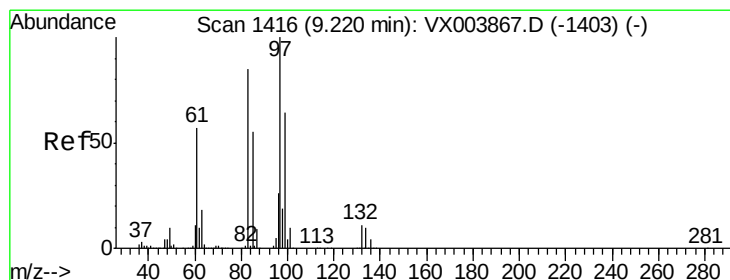
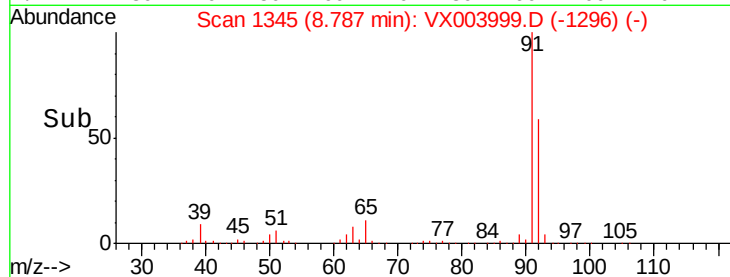
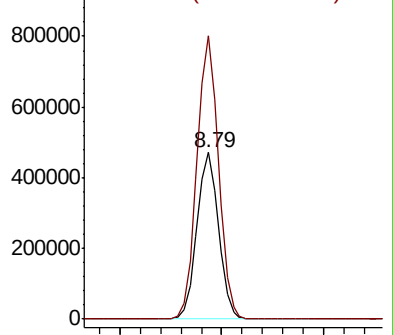
92 100

91 169.5 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 10.66 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

Tgt Ion: 97 Resp: 47658

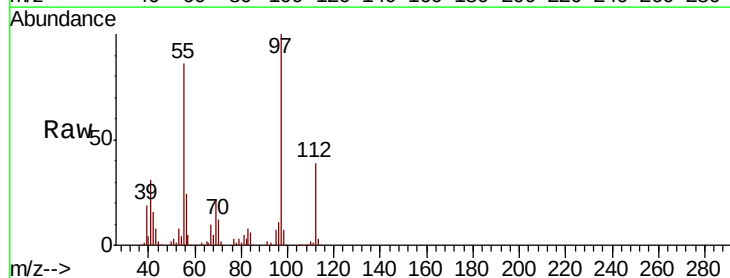
Ion Ratio Lower Upper

97 100

83 8.1 67.8 101.6#

85 0.5 44.2 66.2#

99 0.3 50.8 76.2#

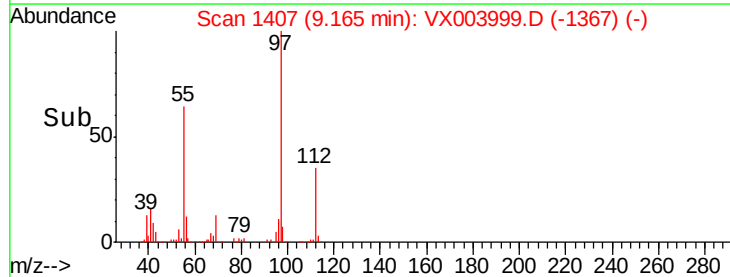
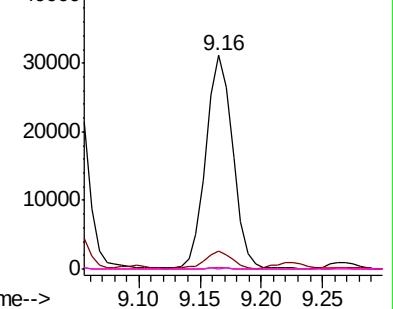


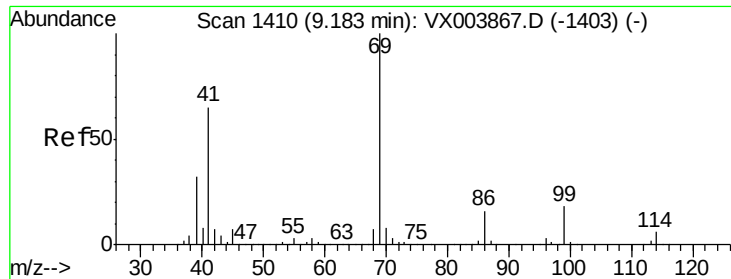
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

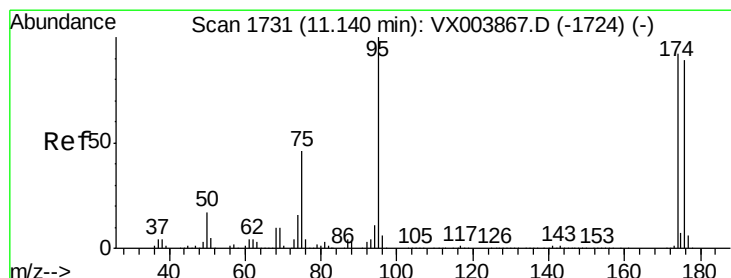
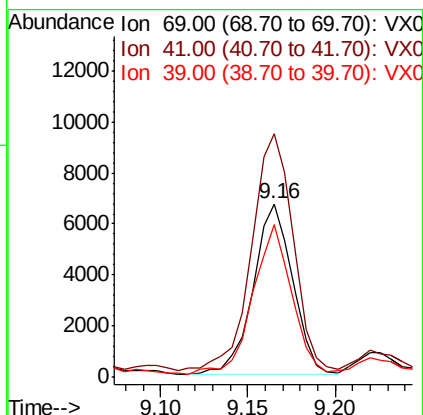
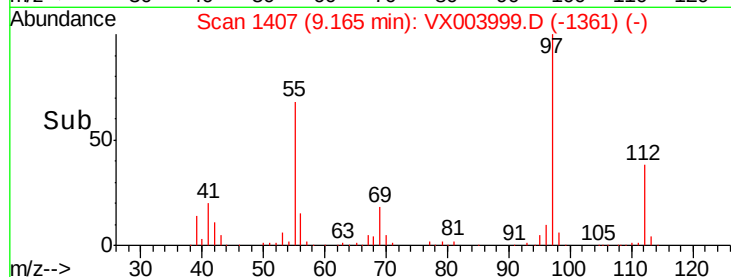
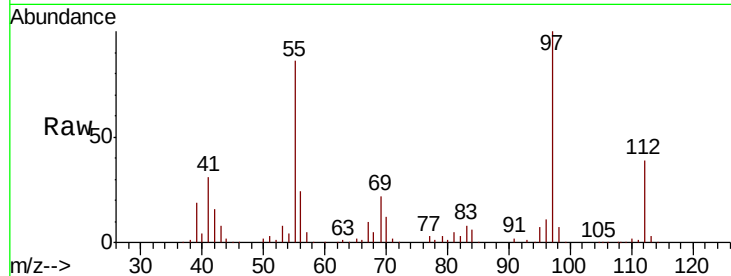




#56
Ethyl methacrylate
Concen: 1.61 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

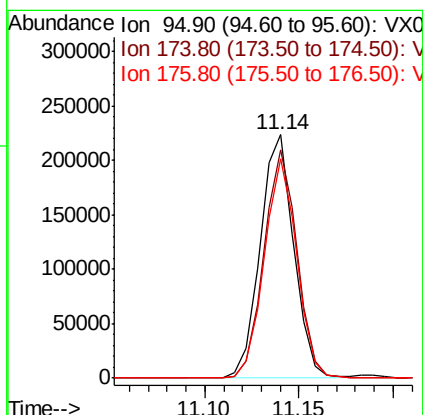
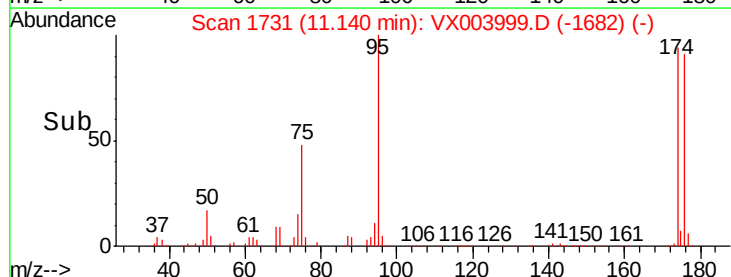
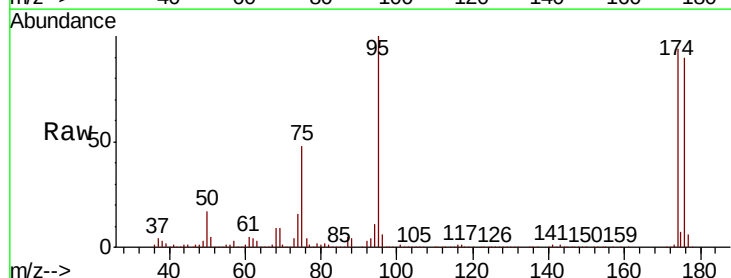
Instrument :
MSVOA_X
ClientSampled :
FL-0547

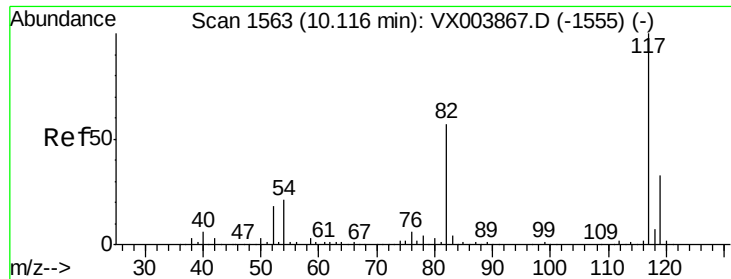
Tot Ion: 69 Resp: 10446
Ion Ratio Lower Upper
69 100
41 147.3 50.6 76.0#
39 85.8 25.8 38.6#



#62
4-Bromofluorobenzene
Concen: 56.19 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

Tgt Ion: 95 Resp: 275747
Ion Ratio Lower Upper
95 100
174 92.3 0.0 182.8
176 87.6 0.0 179.0

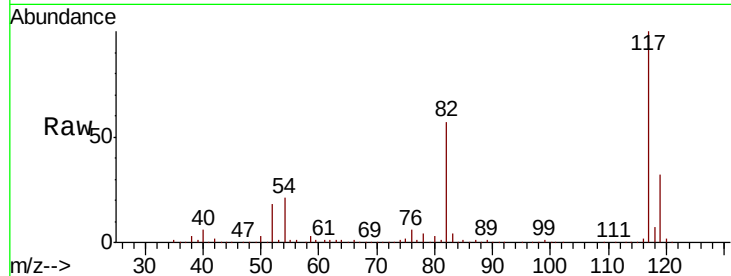




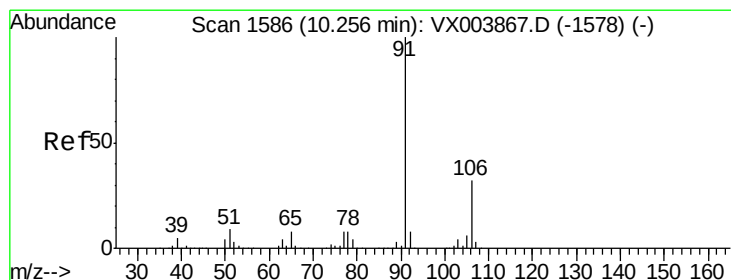
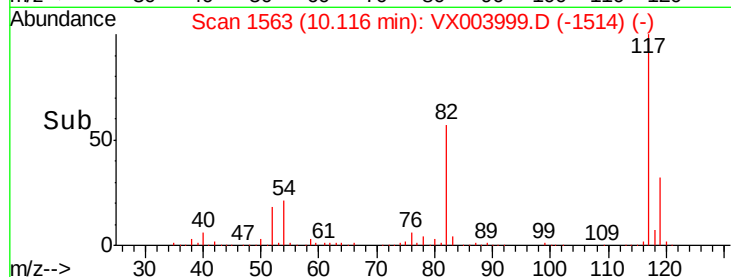
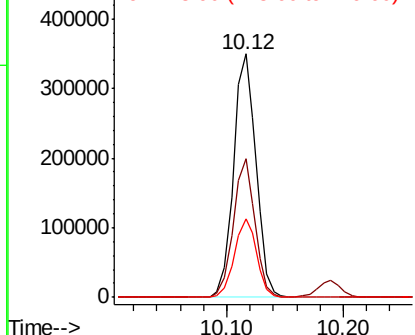
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

Instrument :
MSVOA_X
ClientSampled :
FL-0547

Tot Ion:117 Resp: 469134
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.0
119 32.3 26.6 40.0

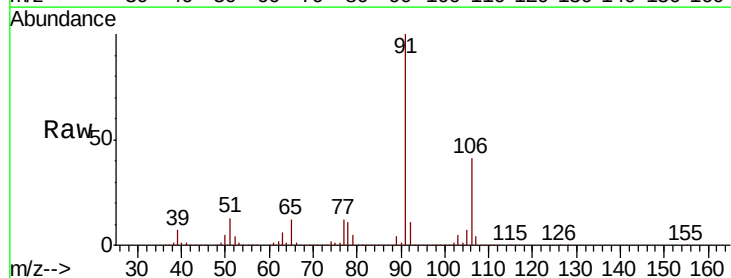


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

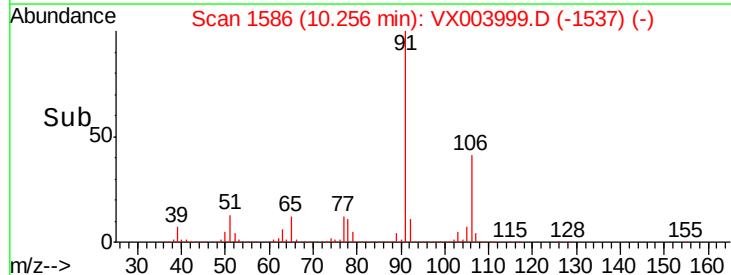
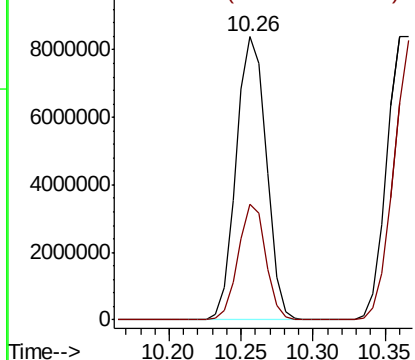


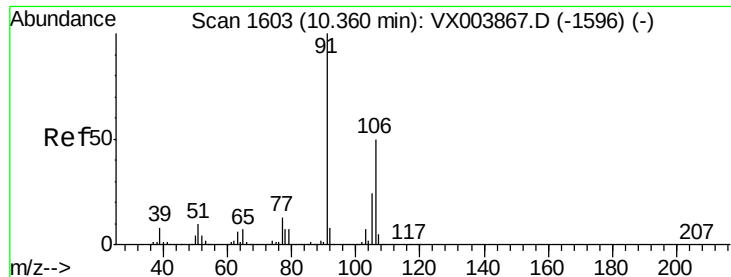
#67
Ethyl Benzene
Concen: 612.56 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

Tgt Ion: 91 Resp:12240437
Ion Ratio Lower Upper
91 100
106 40.9 25.9 38.9#



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

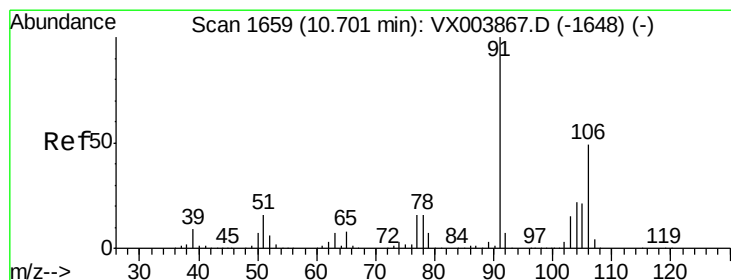
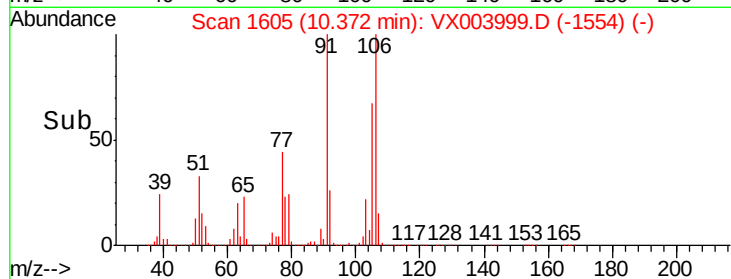
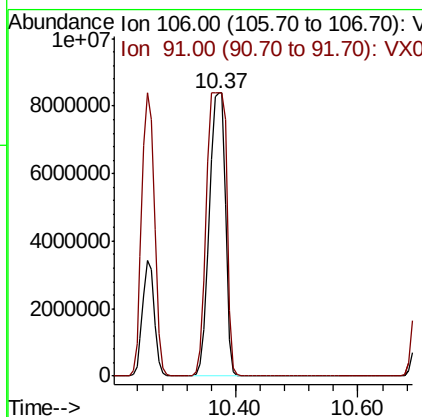
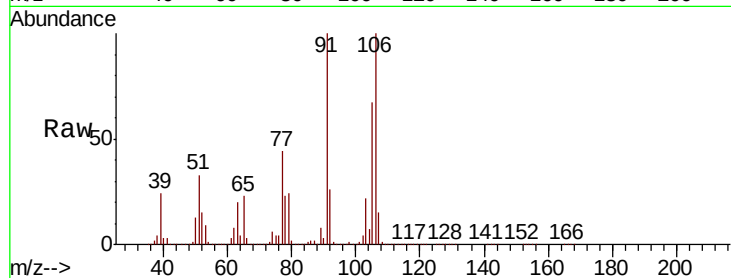




#68
m/p-Xylenes
Concen: 2027.45 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

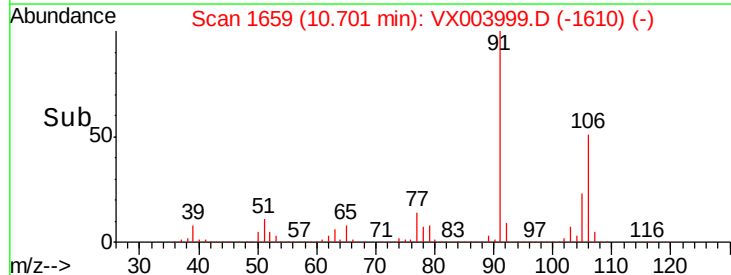
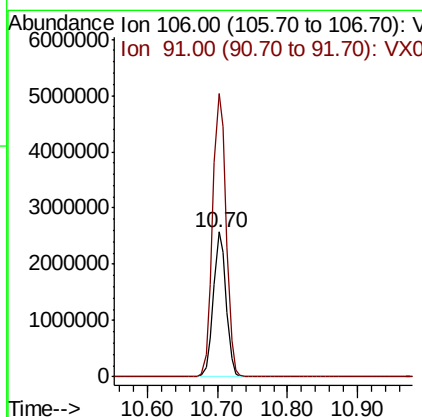
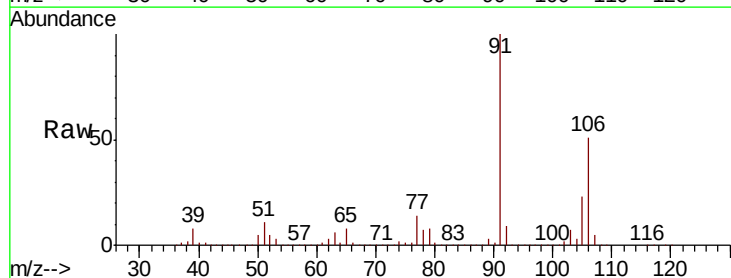
Instrument :
MSVOA_X
ClientSampled :
FL-0547

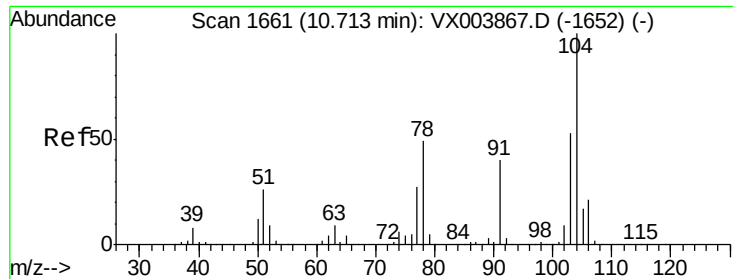
Tot Ion:106 Resp:15830201
Ion Ratio Lower Upper
106 100
91 123.8 162.3 243.5#



#69
o-Xylene
Concen: 441.91 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003999.D
Acq: 13 Aug 2018 14:48

Tgt Ion:106 Resp: 3257123
Ion Ratio Lower Upper
106 100
91 208.3 101.9 305.7





#70

Stvrene

Concen: 13.97 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

FL-0547

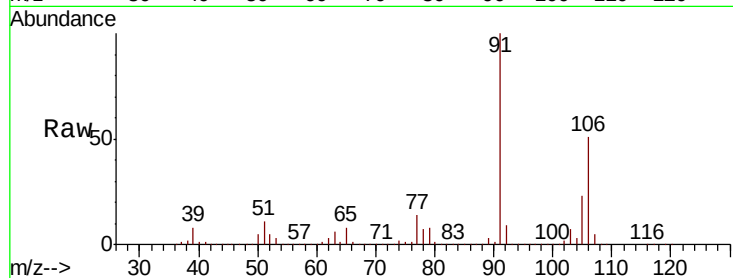
Tot Ion:104 Resp: 168568

Ion Ratio Lower Upper

104 100

78 280.7 39.8 59.6#

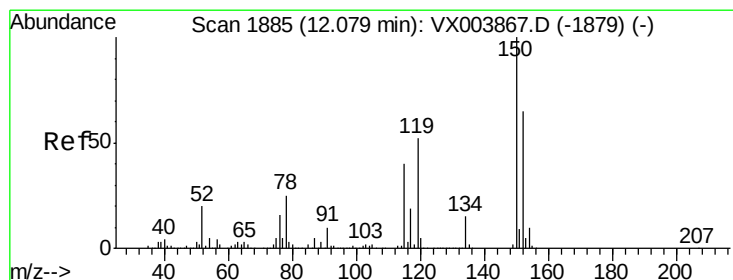
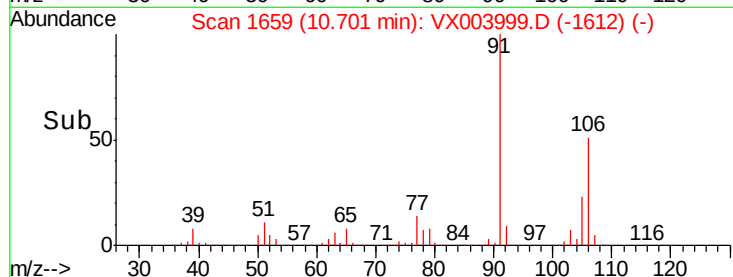
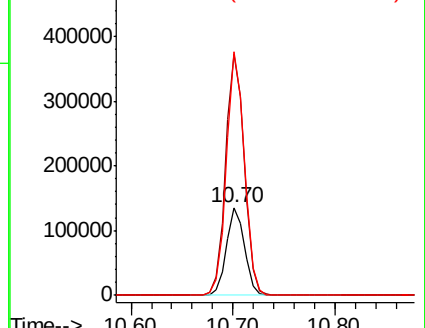
103 273.8 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

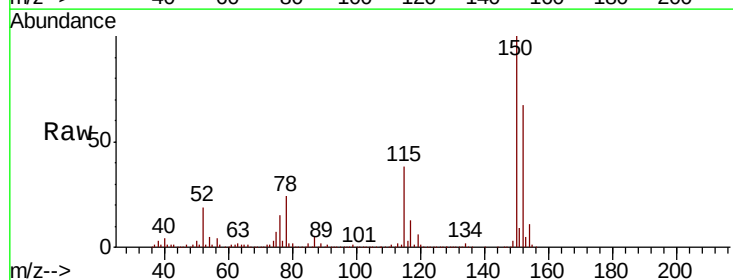
Tgt Ion:152 Resp: 303325

Ion Ratio Lower Upper

152 100

115 57.5 39.1 117.3

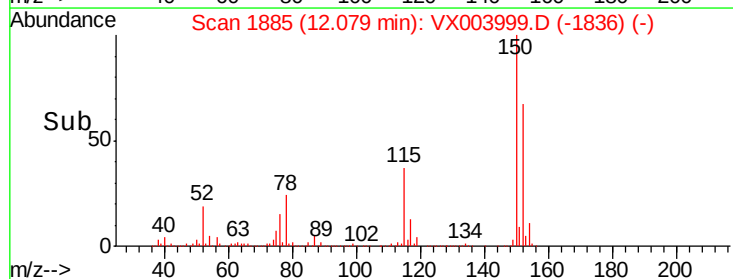
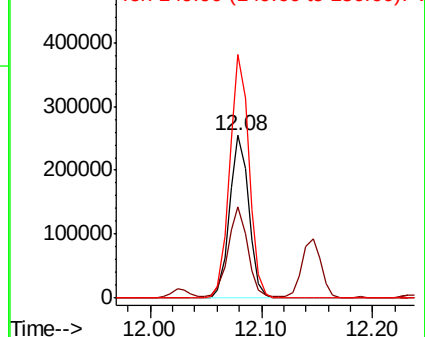
150 150.6 0.0 349.2

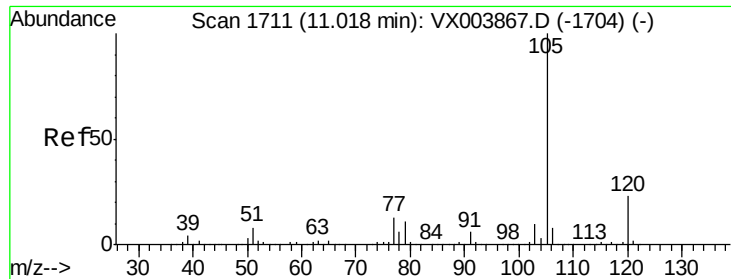


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.10 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

Instrument :

MSVOA_X

ClientSampled :

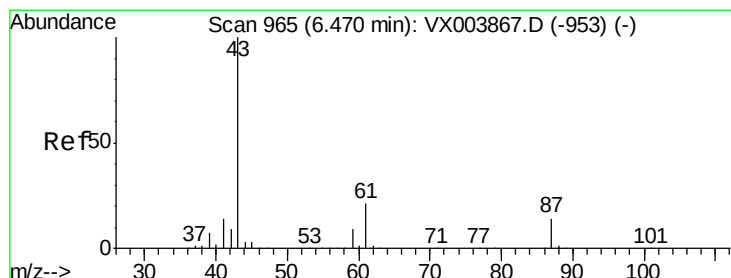
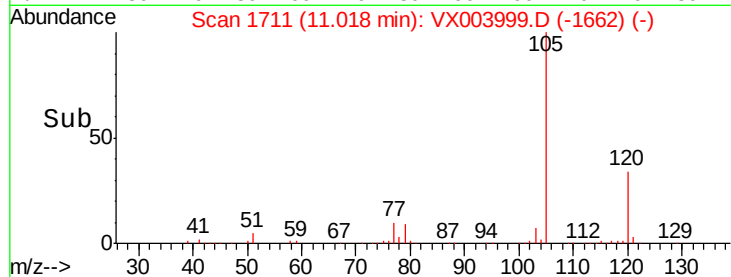
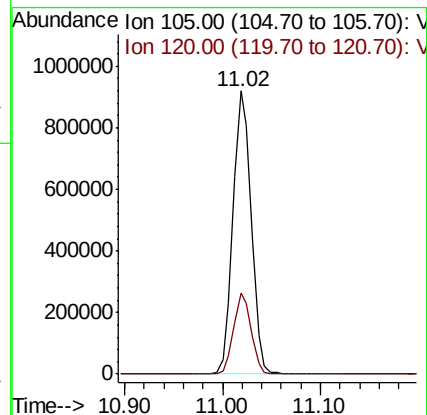
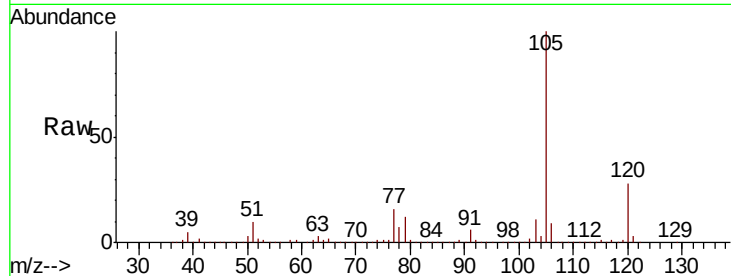
FL-0547

Tot Ion:105 Resp: 1191555

Ion Ratio Lower Upper

105 100

120 27.6 12.6 37.8



#74

N-ethyl acetate

Concen: 1.67 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

Tgt Ion: 43 Resp: 19479

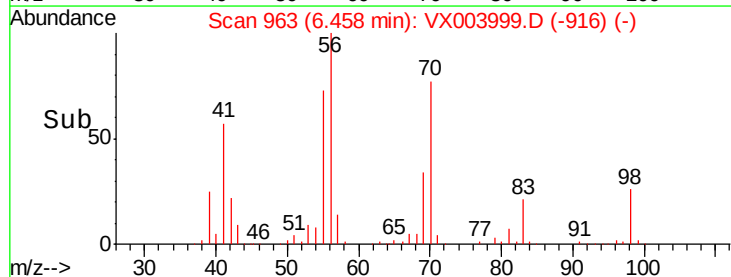
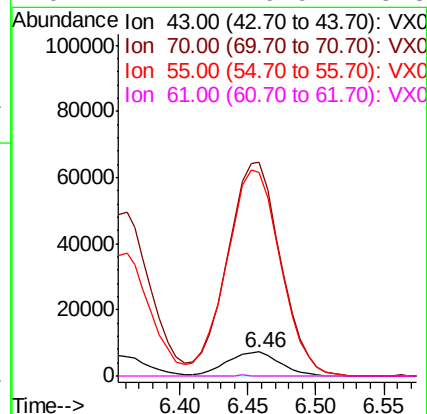
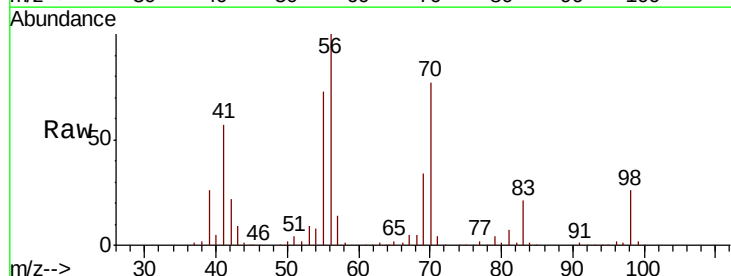
Ion Ratio Lower Upper

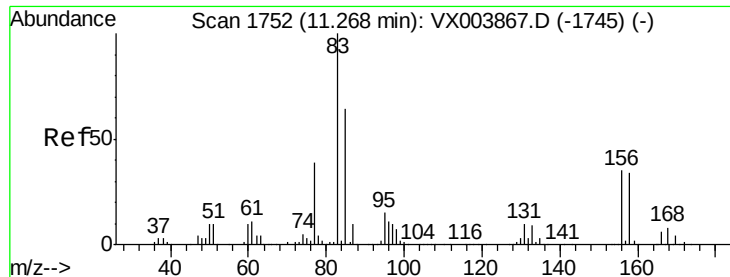
43 100

70 905.8 0.0 0.0#

55 881.8 0.1 0.1#

61 2.7 16.9 25.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.30 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

Instrument :

MSVOA_X

ClientSampled :

FL-0547

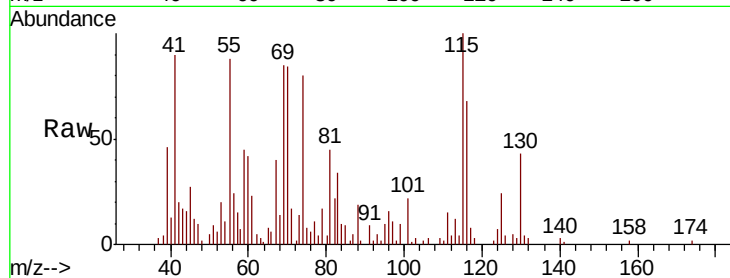
Tot Ion: 83 Resp: 2317

Ion Ratio Lower Upper

83 100

131 18.3 5.2 15.6#

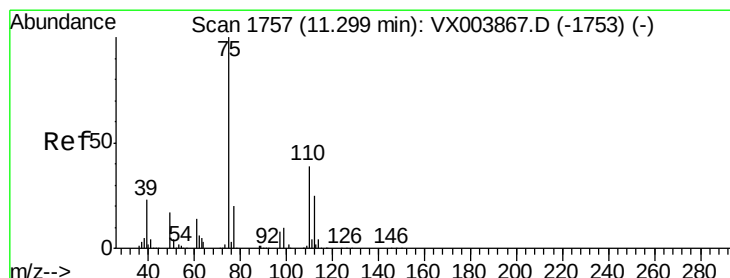
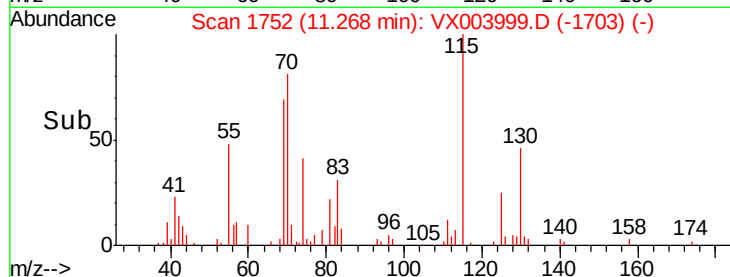
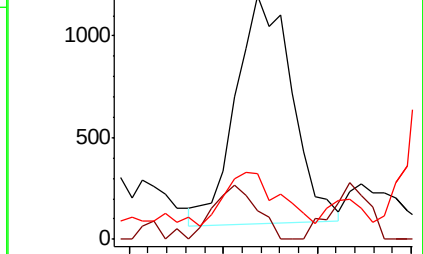
85 22.7 32.2 96.6#



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: 1.09 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.06 min

Lab File: VX003999.D

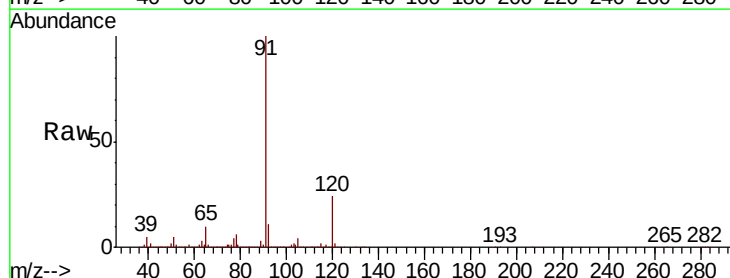
Acq: 13 Aug 2018 14:48

Tgt Ion: 75 Resp: 7325

Ion Ratio Lower Upper

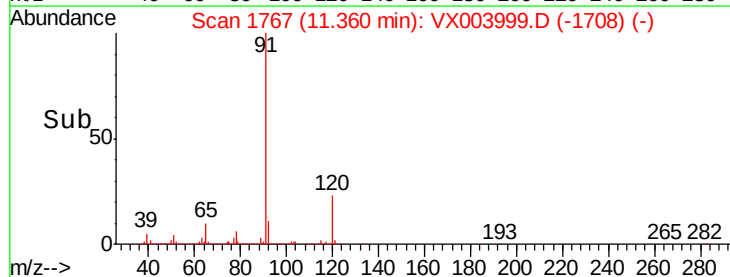
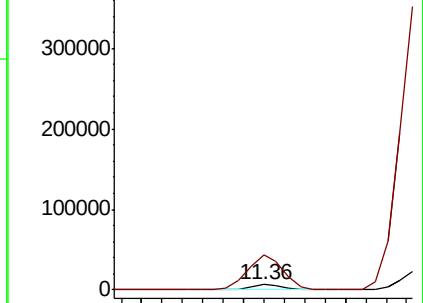
75 100

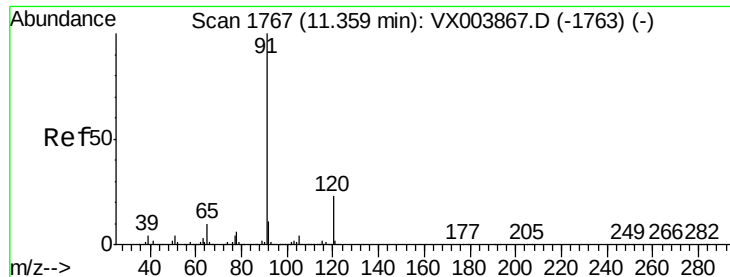
77 714.2 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 53.40 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

Instrument :

MSVOA_X

ClientSampled :

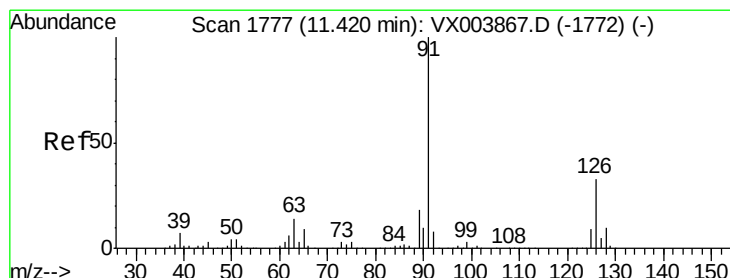
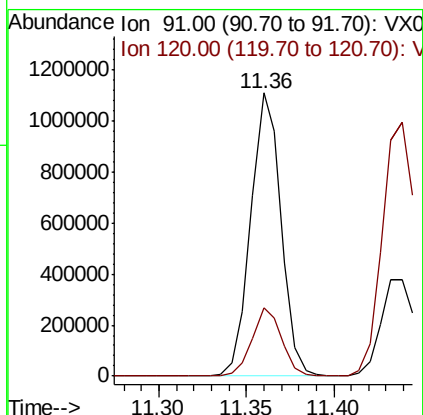
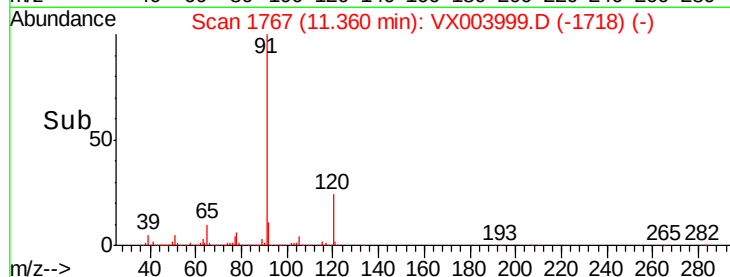
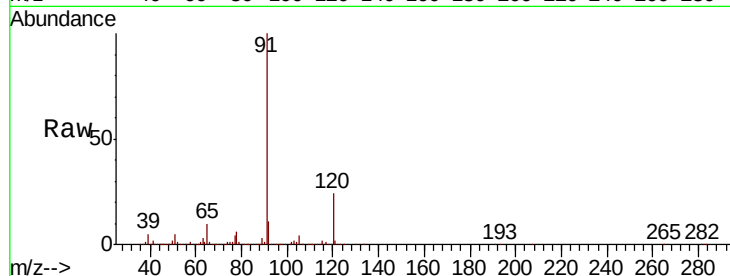
FL-0547

Tot Ion: 91 Resp: 1345402

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.5



#79

2-Chlorotoluene

Concen: 43.22 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX003999.D

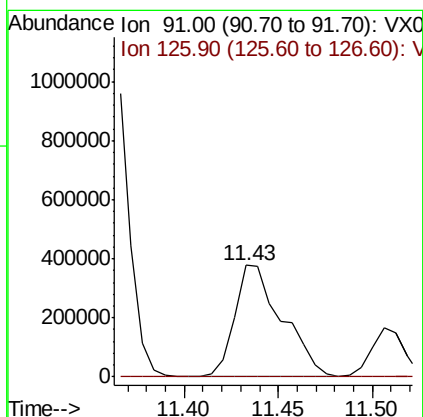
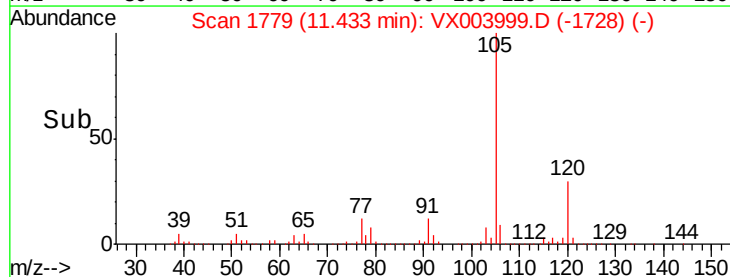
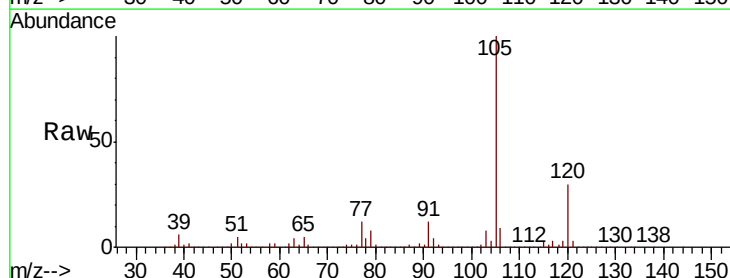
Acq: 13 Aug 2018 14:48

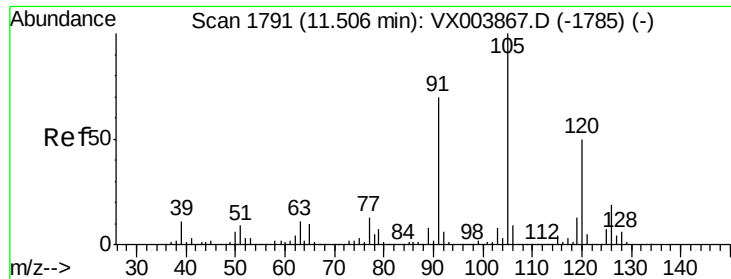
Tgt Ion: 91 Resp: 663910

Ion Ratio Lower Upper

91 100

126 0.2 17.4 52.3#

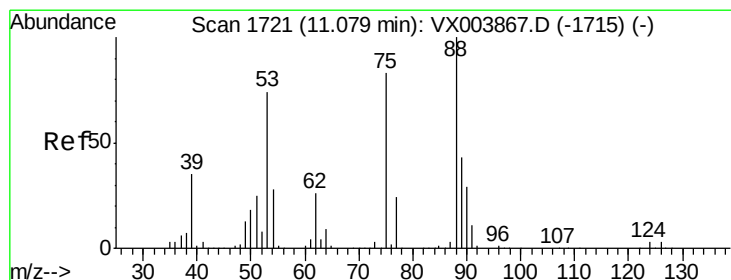
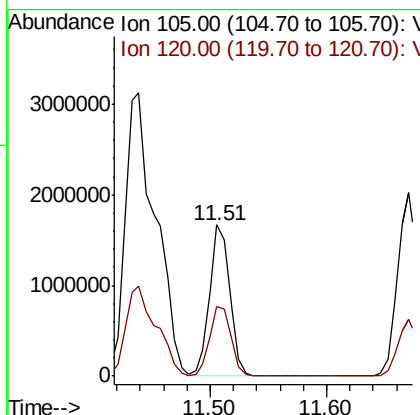
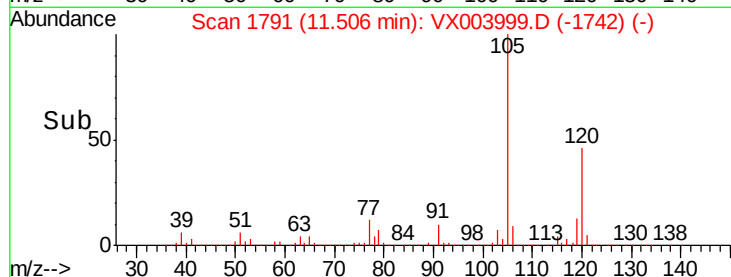
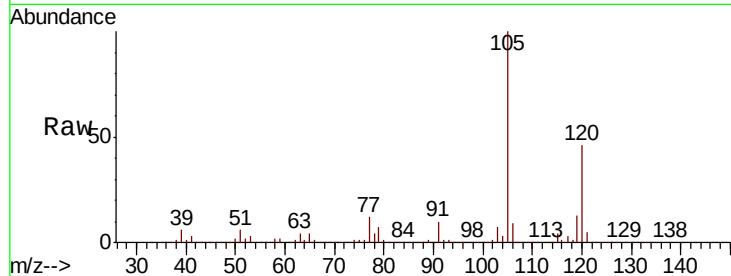




#80
 1,3,5-Trimethylbenzene
 Concen: 108.75 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003999.D
 Acq: 13 Aug 2018 14:48

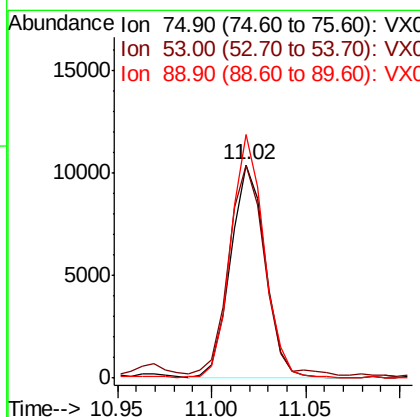
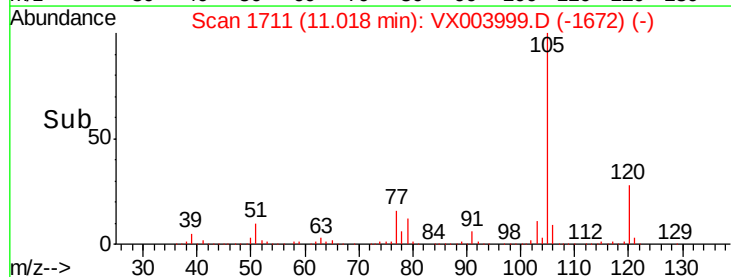
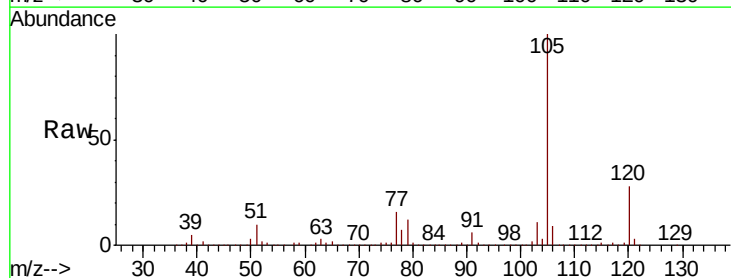
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0547

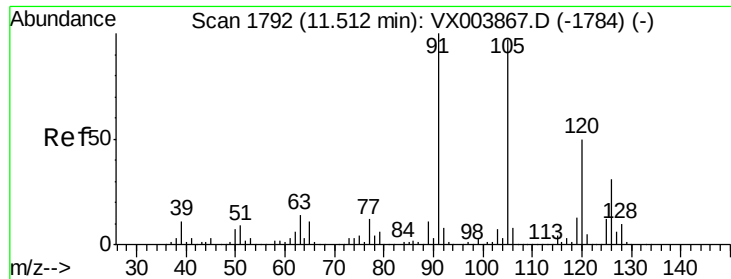
Tot Ion:105 Resp: 1989819
 Ion Ratio Lower Upper
 105 100
 120 48.5 25.4 76.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 6.07 ug/l
 RT: 11.02 min Scan# 1711
 Delta R.T. -0.06 min
 Lab File: VX003999.D
 Acq: 13 Aug 2018 14:48

Tgt Ion: 75 Resp: 13347
 Ion Ratio Lower Upper
 75 100
 53 101.4 80.3 120.5
 89 108.8 37.8 56.8#





#82

4-Chlorotoluene

Concen: 11.09 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

Instrument :

MSVOA_X

ClientSampled :

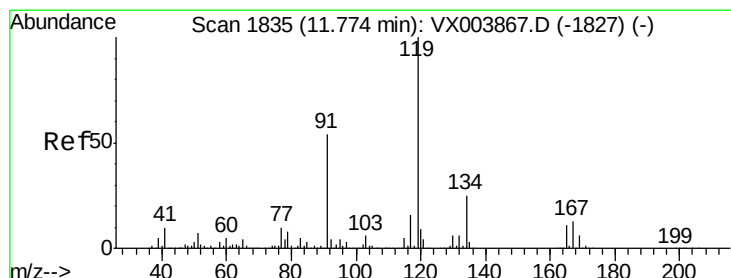
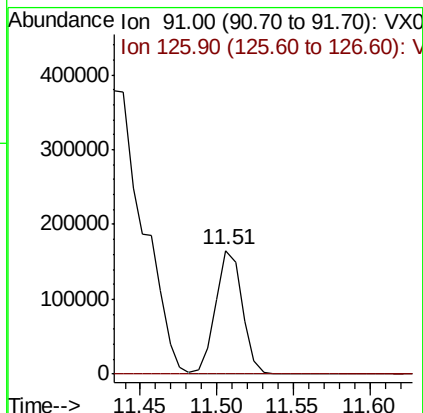
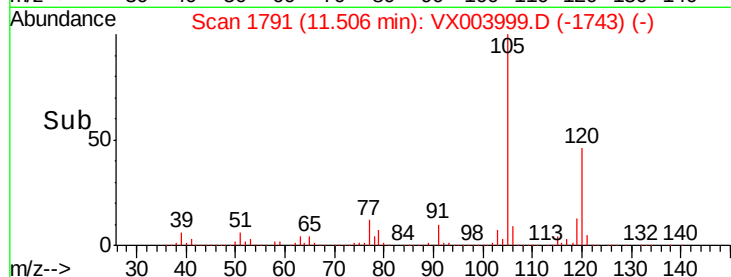
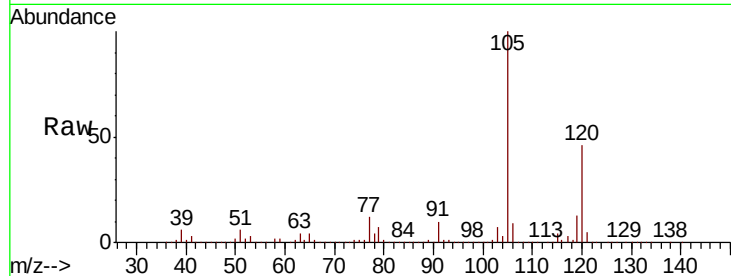
FL-0547

Tot Ion: 91 Resp: 199685

Ion Ratio Lower Upper

91 100

126 0.1 15.6 46.7#



#83

tert-Butylbenzene

Concen: 45.19 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.04 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

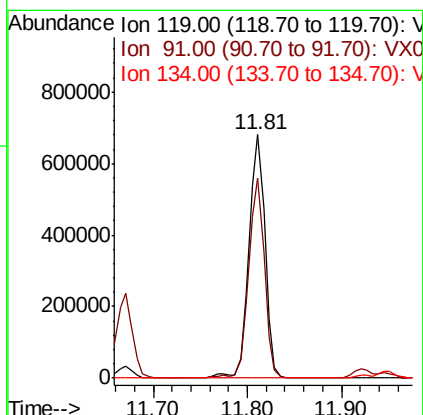
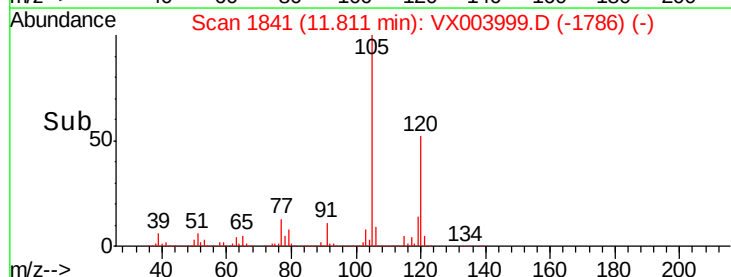
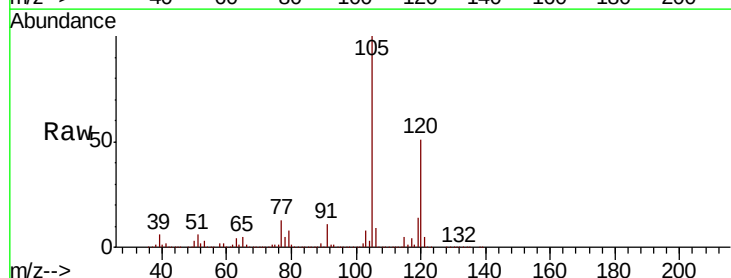
Tgt Ion: 119 Resp: 813460

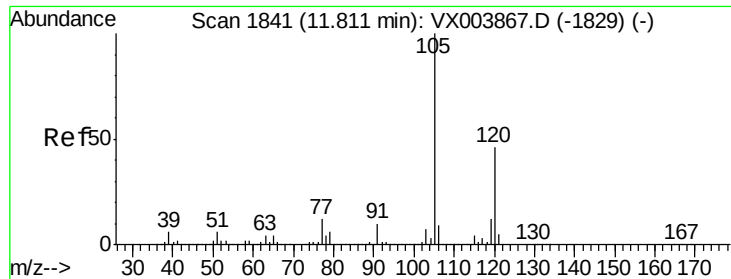
Ion Ratio Lower Upper

119 100

91 80.5 26.9 80.7

134 0.0 12.0 36.0#

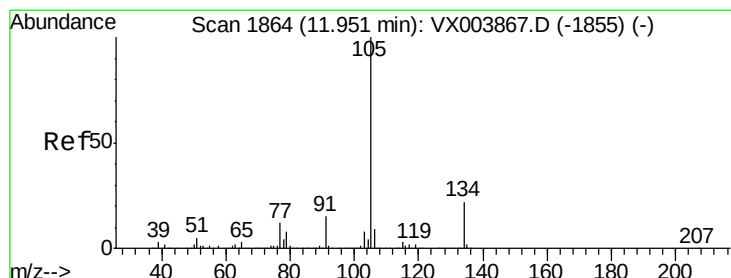
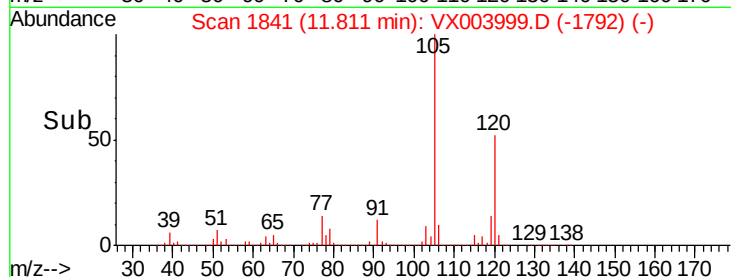
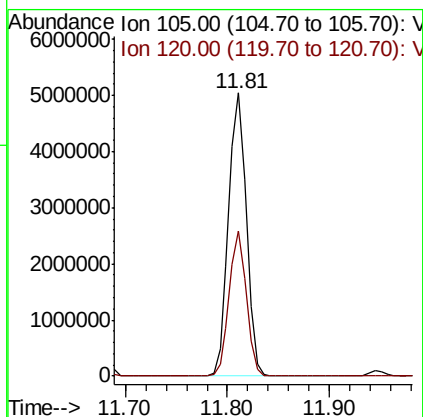
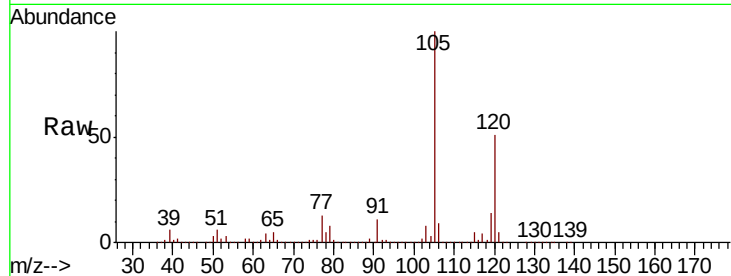




#84
 1,2,4-Trimethylbenzene
 Concen: 331.08 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003999.D
 Acq: 13 Aug 2018 14:48

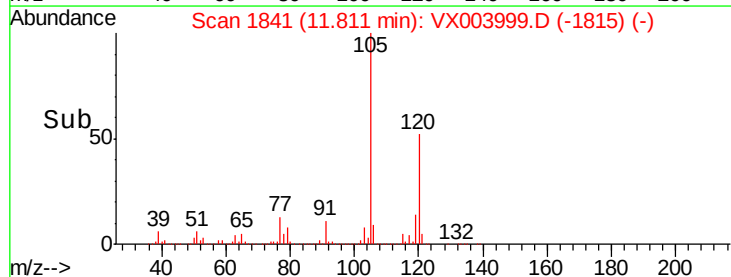
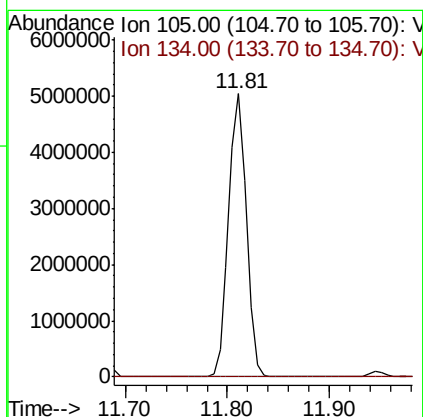
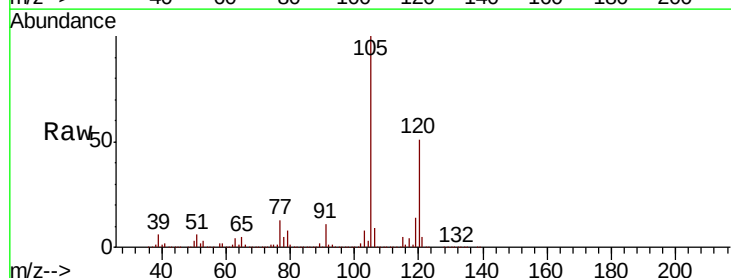
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0547

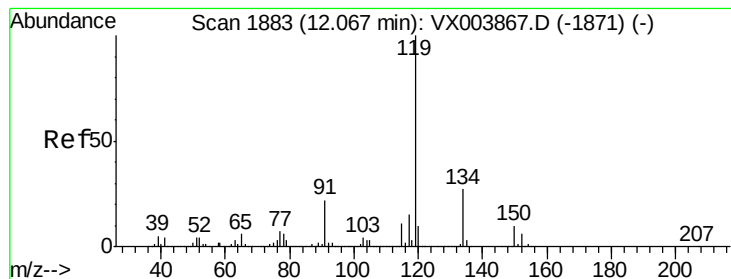
Tot Ion:105 Resp: 6091101
 Ion Ratio Lower Upper
 105 100
 120 49.2 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 286.74 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.14 min
 Lab File: VX003999.D
 Acq: 13 Aug 2018 14:48

Tgt Ion:105 Resp: 6091101
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.9#





#86

p-Isopropyltoluene

Concen: 5.99 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

Instrument :

MSVOA_X

ClientSampled :

FL-0547

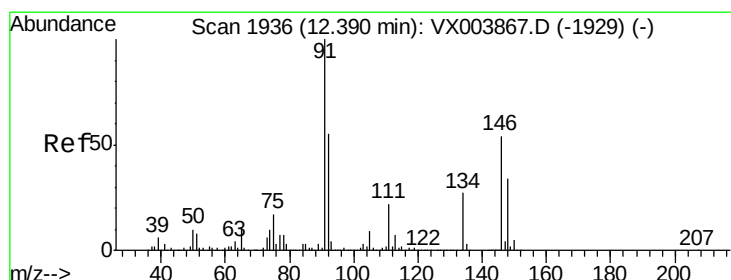
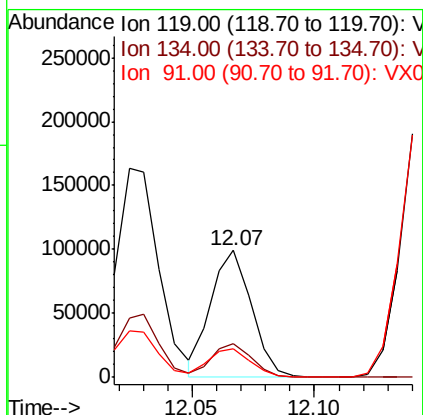
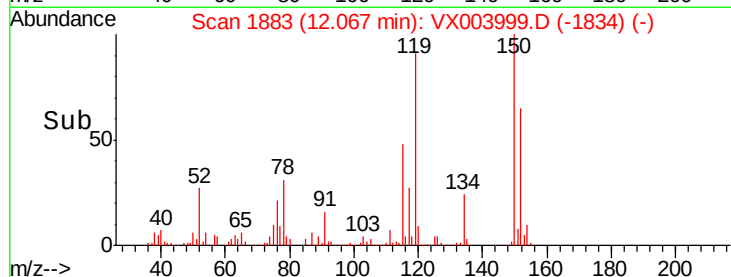
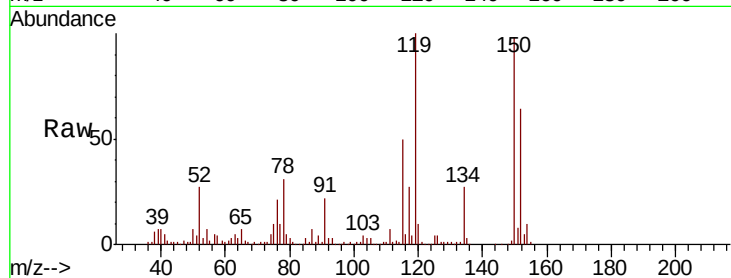
Tot Ion: 119 Resp: 114101

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 23.2 10.9 32.7



#89

n-Butylbenzene

Concen: 4.87 ug/l

RT: 12.38 min Scan# 1935

Delta R.T. -0.01 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

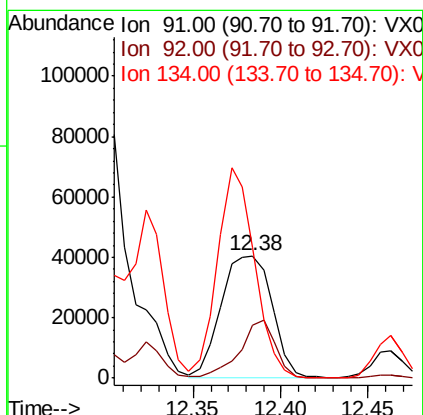
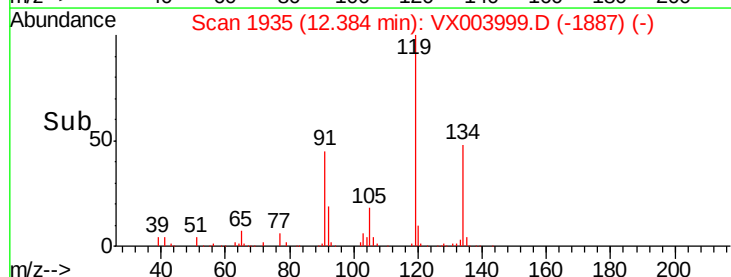
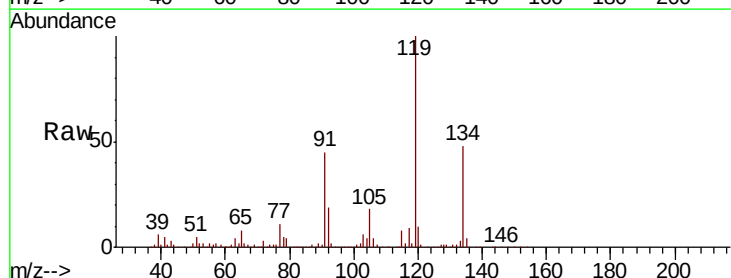
Tgt Ion: 91 Resp: 80948

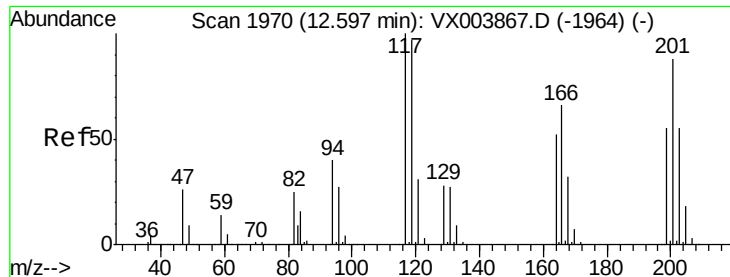
Ion Ratio Lower Upper

91 100

92 33.3 27.1 81.3

134 126.9 13.6 40.7#





#90

Hexachloroethane

Concen: 5.07 ug/l

RT: 12.59 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

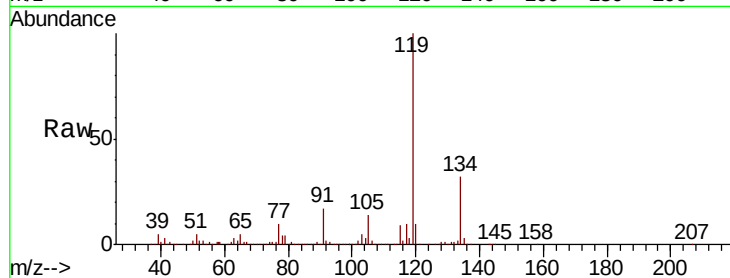
FL-0547

Tot Ion:117 Resp: 15683

Ion Ratio Lower Upper

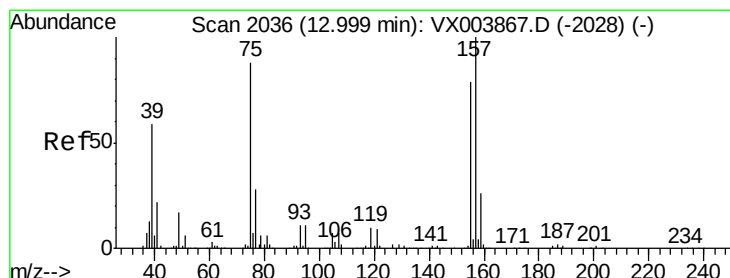
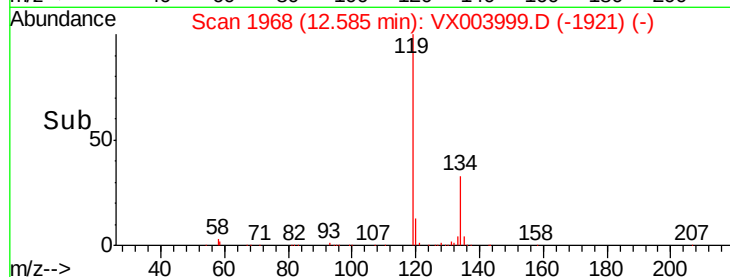
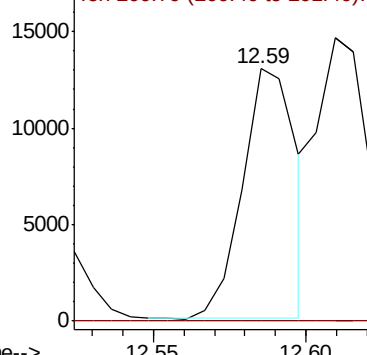
117 100

201 0.0 46.1 138.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.02 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.02 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

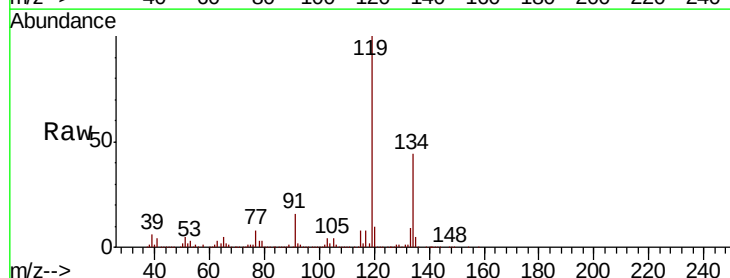
Tgt Ion: 75 Resp: 1604

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

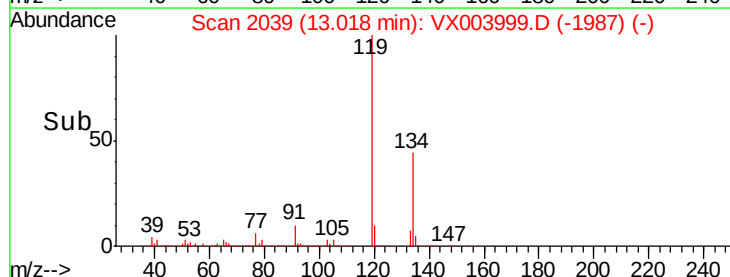
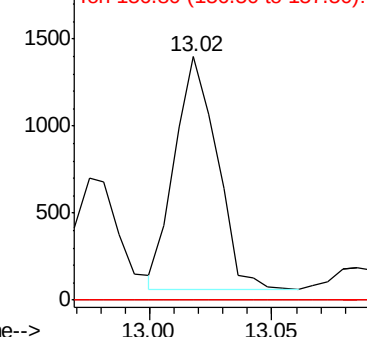
157 0.0 62.6 187.8#

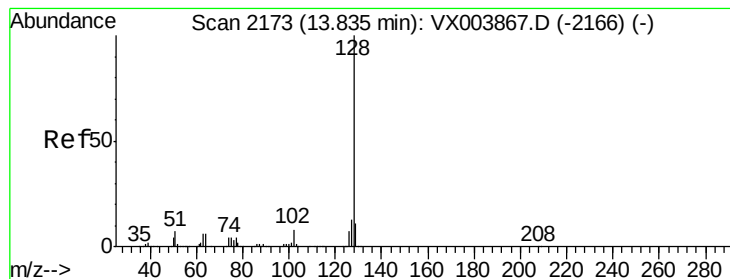


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 91.69 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003999.D

Acq: 13 Aug 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

FL-0547

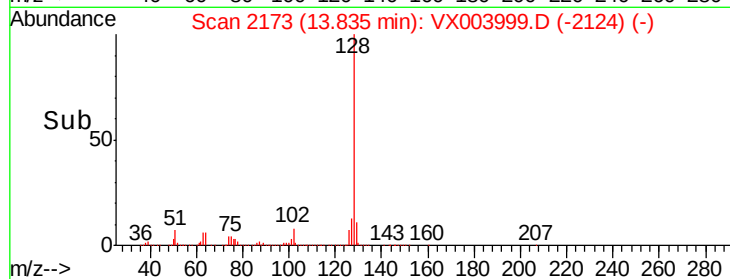
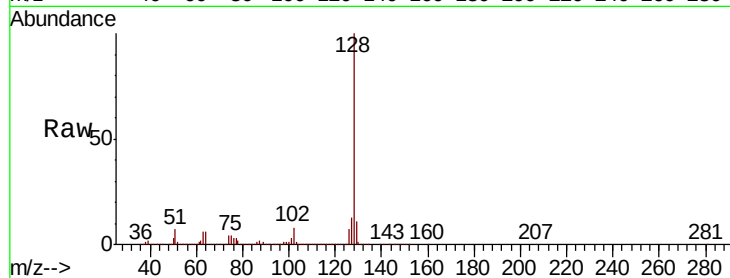
Tot Ion:128 Resp: 2071495

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

