

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003694.D
 Acq On : 27 Jul 2018 03:20
 Operator : JC/SP
 Sample : J4154-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0505

Quant Time: Jul 27 06:43:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	83469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	130345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	121284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	74344	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	71544	57.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.72%	
35) Dibromofluoromethane	5.51	113	56642	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
50) Toluene-d8	8.72	98	231309	56.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.76%	
62) 4-Bromofluorobenzene	11.14	95	81864	55.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.38%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	348	0.28	ug/l	94
6) Chloroethane	1.61	64	586	2.52	ug/l #	84
11) Tert butyl alcohol	3.07	59	248	0.84	ug/l #	72
13) Acrolein	2.40	56	8647	60.96	ug/l #	77
14) Allyl chloride	2.62	41	1972	0.98	ug/l #	71
15) Acrylonitrile	3.17	53	3738	5.23	ug/l #	42
16) Acetone	2.45	43	4549	7.83	ug/l	95
17) Carbon Disulfide	2.57	76	567	0.20	ug/l #	64
18) Methyl Acetate	2.84	43	52113	29.70	ug/l #	53
20) Methylene Chloride	2.84	84	526	0.46	ug/l #	1
25) 2-Butanone	4.72	43	1062	1.18	ug/l #	90
26) 2,2-Dichloropropane	4.78	77	309	0.24	ug/l #	51
29) Tetrahydrofuran	5.23	42	657	1.12	ug/l #	1
31) Cyclohexane	5.58	56	27522	16.56	ug/l	99
36) 1,1-Dichloropropene	5.67	75	6040	3.96	ug/l #	50
38) Carbon Tetrachloride	5.67	117	7823	5.33	ug/l #	14
39) Methylcyclohexane	7.47	83	52037	31.03	ug/l	99
40) Benzene	6.15	78	52549	11.65	ug/l	97
41) Methacrylonitrile	5.24	41	4032	3.97	ug/l #	53
42) 1,2-Dichloroethane	6.15	62	417	0.26	ug/l #	75
43) Isopropyl Acetate	6.46	43	1500	0.56	ug/l #	61
45) 1,2-Dichloropropane	7.47	63	658	0.56	ug/l #	1
46) Dibromomethane	7.46	93	181	0.24	ug/l #	1
48) Methyl methacrylate	7.73	41	2744	2.02	ug/l #	60
51) 4-Methyl-2-Pentanone	8.66	43	497	0.28	ug/l #	36
52) Toluene	8.79	92	1048	0.37	ug/l	93
55) 1,1,2-Trichloroethane	9.16	97	2953	2.58	ug/l #	20
56) Ethyl methacrylate	9.17	69	689	0.40	ug/l #	1
67) Ethyl Benzene	10.26	91	265999	52.06	ug/l	99
68) m/p-Xylenes	10.36	106	88913	45.36	ug/l	98
69) o-Xylene	10.70	106	417	0.22	ug/l	90
73) Isopropylbenzene	11.02	105	34439	6.78	ug/l	100
74) N-amyl acetate	6.46	43	1500	0.57	ug/l #	57
76) 1,2,3-Trichloropropane	11.14	75	41656	26.71	ug/l #	35

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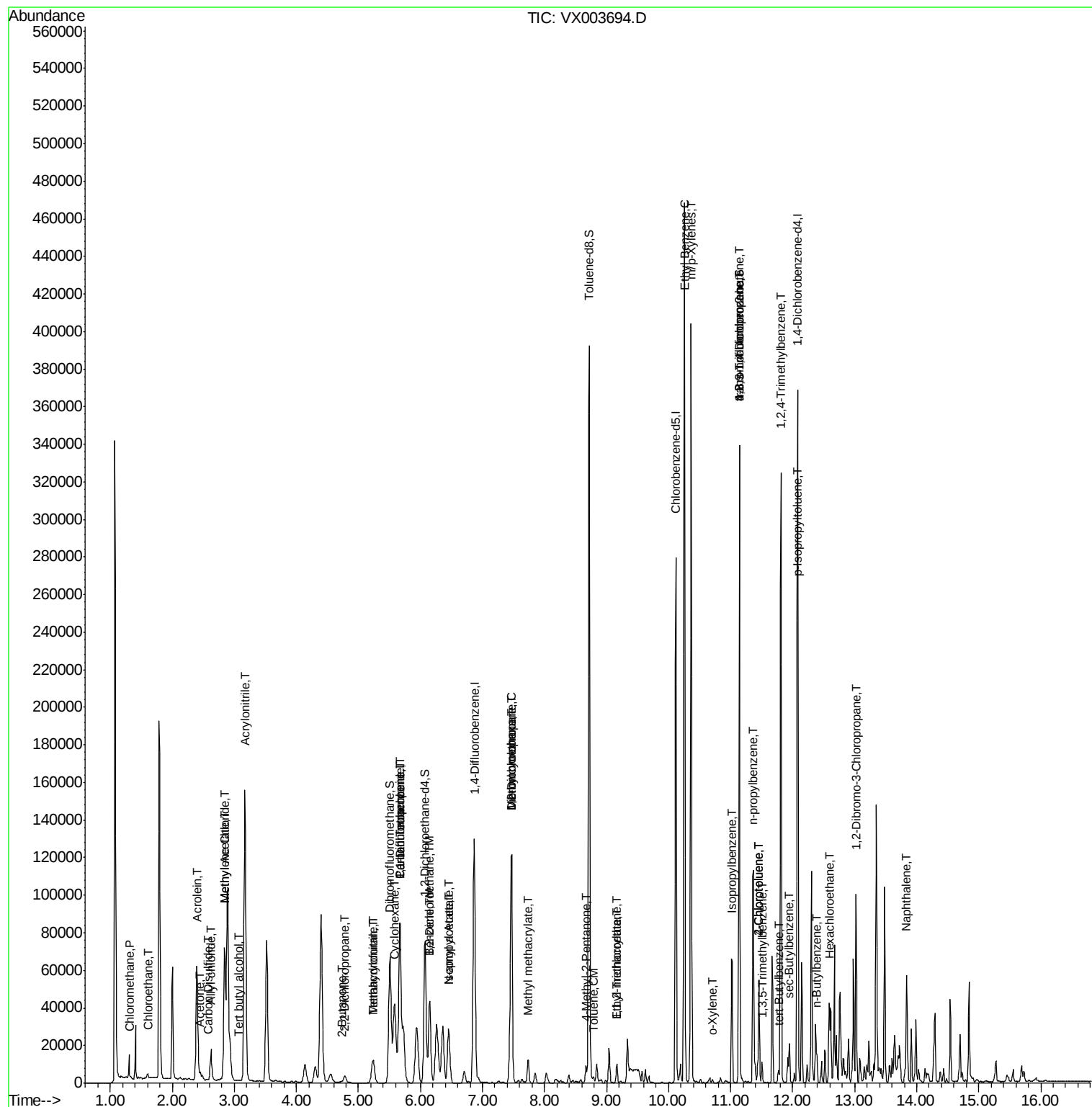
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	11.36	91	58661	10.00	ug/l	98
79) 2-Chlorotoluene	11.46	91	3540	0.99	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	4604	1.07	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	41656	82.77	ug/l #	11
82) 4-Chlorotoluene	11.46	91	3540	0.84	ug/l #	44
83) tert-Butylbenzene	11.77	119	2541	0.60	ug/l	89
84) 1,2,4-Trimethylbenzene	11.81	105	136401	30.88	ug/l	99
85) sec-Butylbenzene	11.94	105	11596	2.31	ug/l	98
86) p-Isopropyltoluene	12.07	119	7997	1.78	ug/l	96
89) n-Butylbenzene	12.39	91	7592	1.87	ug/l #	61
90) Hexachloroethane	12.59	117	2209	3.24	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	355	0.91	ug/l #	1
95) Naphthalene	13.83	128	35403	6.25	ug/l	98

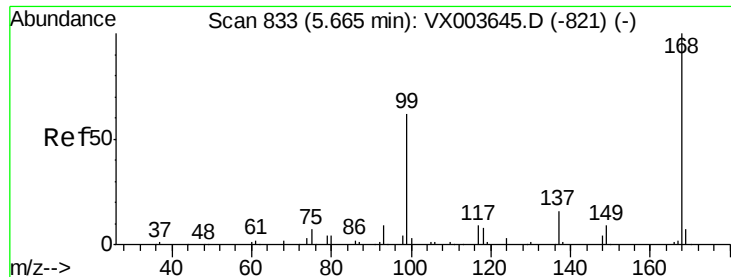
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003694.D

Acq: 27 Jul 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

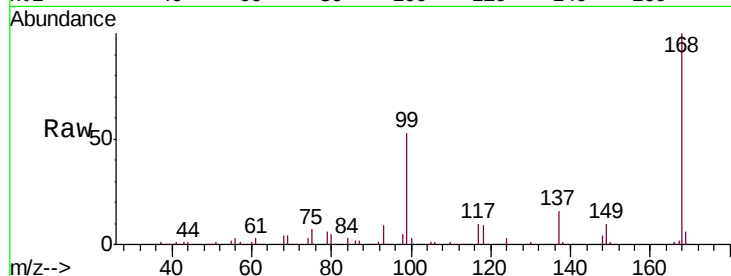
FL-0505

Tot Ion:168 Resp: 83469

Ion Ratio Lower Upper

168 100

99 53.1 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

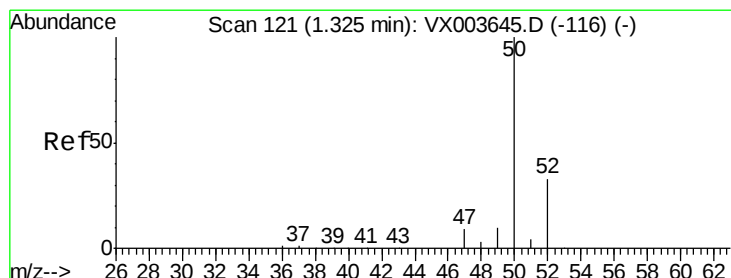
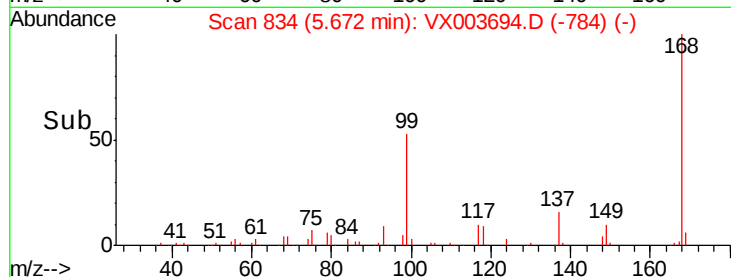
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.28 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003694.D

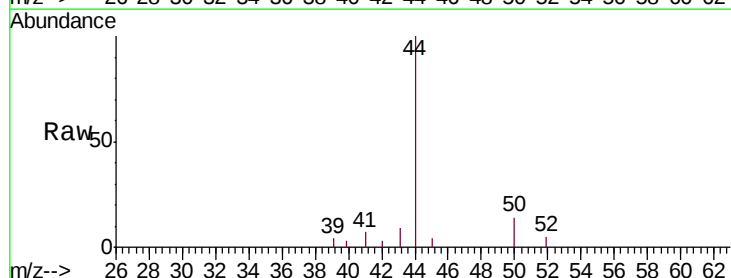
Acq: 27 Jul 2018 03:20

Tgt Ion: 50 Resp: 348

Ion Ratio Lower Upper

50 100

52 36.1 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400

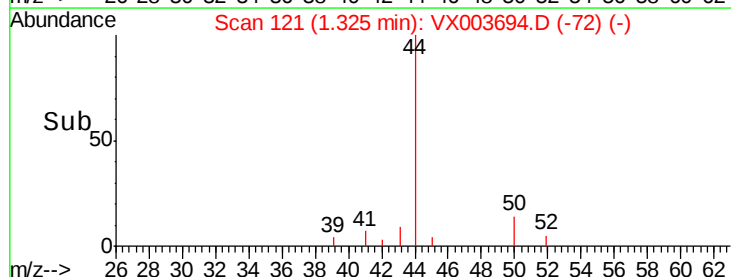
300

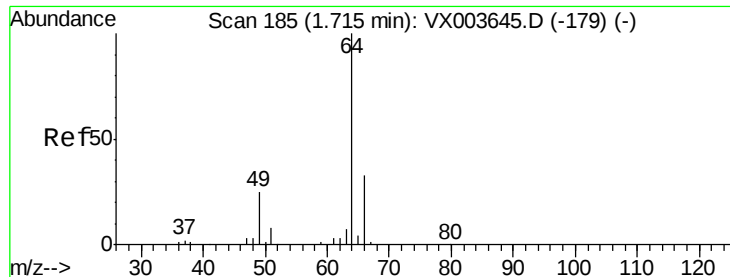
200

100

0

Time--> 1.30 1.32 1.34 1.36





#6

Chloroethane

Concen: 2.52 ug/l

RT: 1.61 min Scan# 167

Delta R.T. -0.11 min

Lab File: VX003694.D

Acq: 27 Jul 2018 03:20

Instrument :

MSVOA_X

ClientSampled :

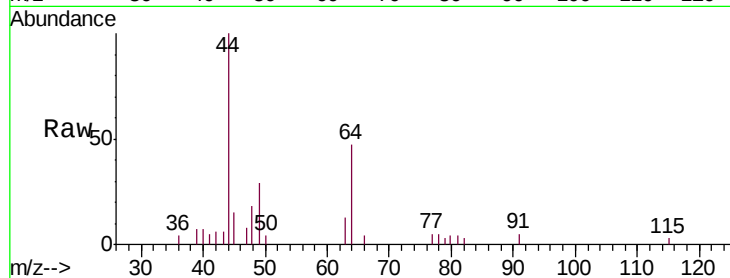
FL-0505

Tot Ion: 64 Resp: 586

Ion Ratio Lower Upper

64 100

66 24.1 26.3 39.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.61

800

600

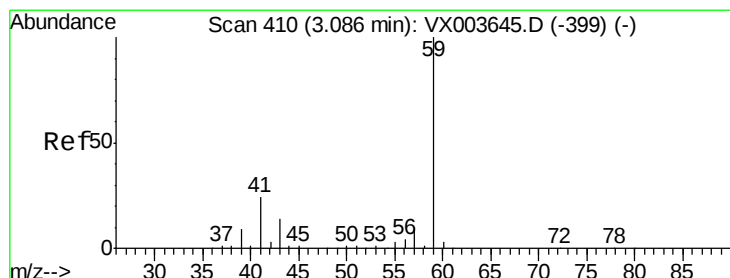
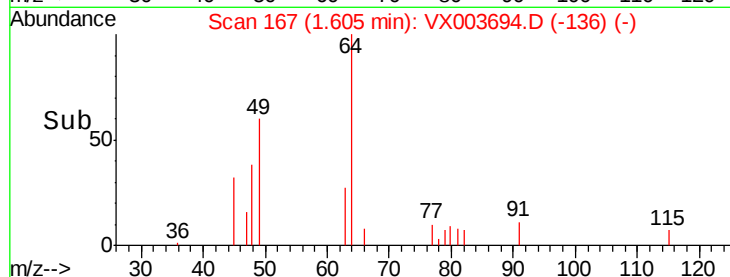
400

200

0

1.58 1.60 1.62 1.64

Time-->



#11

Tert butyl alcohol

Concen: 0.84 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX003694.D

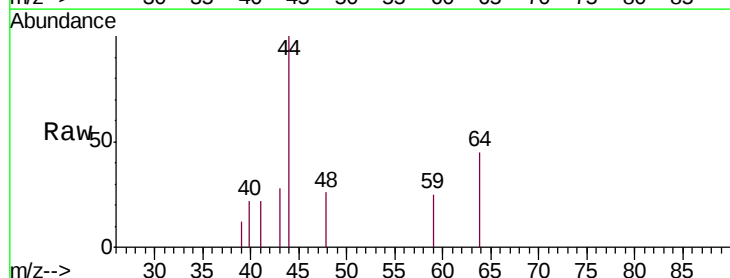
Acq: 27 Jul 2018 03:20

Tgt Ion: 59 Resp: 248

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

8000

6000

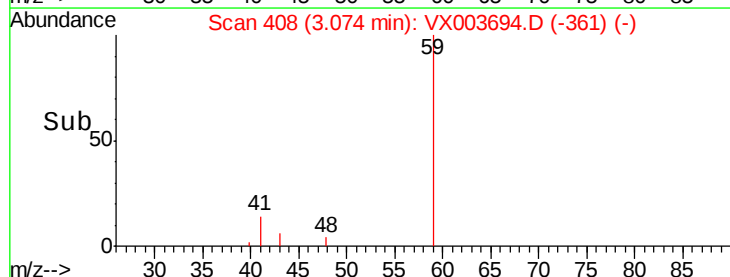
4000

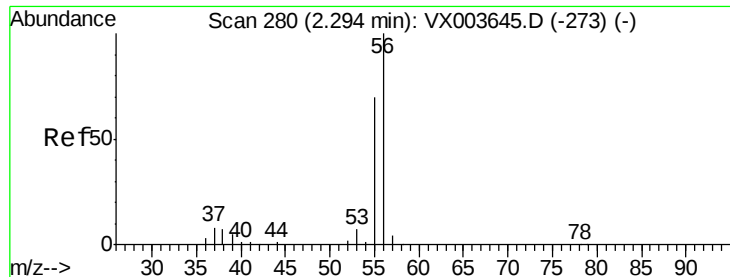
2000

0

3.05 3.10

Time-->





#13

Acrolein

Concen: 60.96 ug/l

RT: 2.40 min Scan# 297

Delta R.T. 0.10 min

Lab File: VX003694.D

Acq: 27 Jul 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

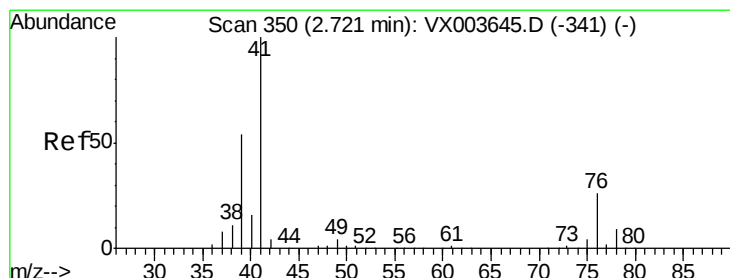
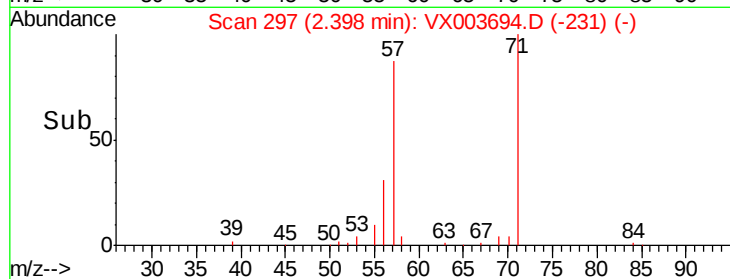
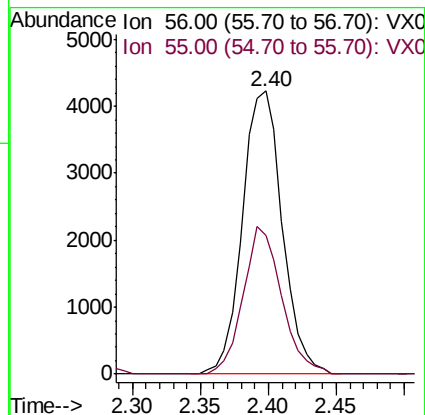
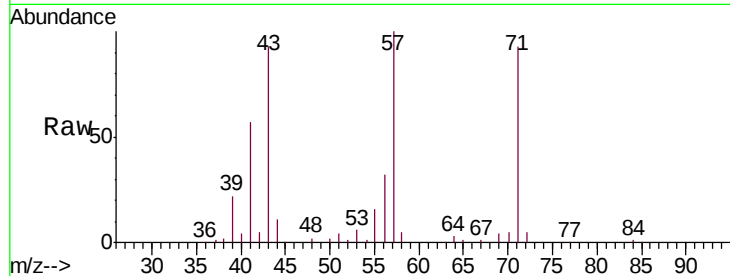
FL-0505

Tot Ion: 56 Resp: 8647

Ion Ratio Lower Upper

56 100

55 50.4 55.4 83.2#



#14

Allyl chloride

Concen: 0.98 ug/l

RT: 2.62 min Scan# 334

Delta R.T. -0.10 min

Lab File: VX003694.D

Acq: 27 Jul 2018 03:20

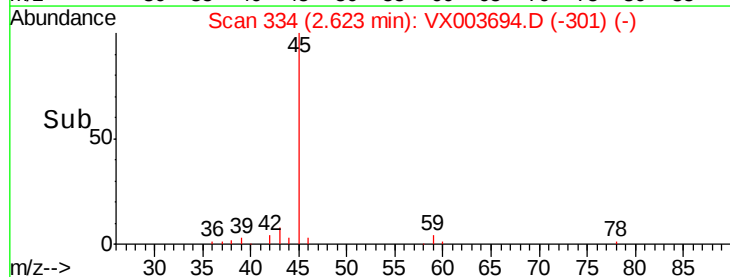
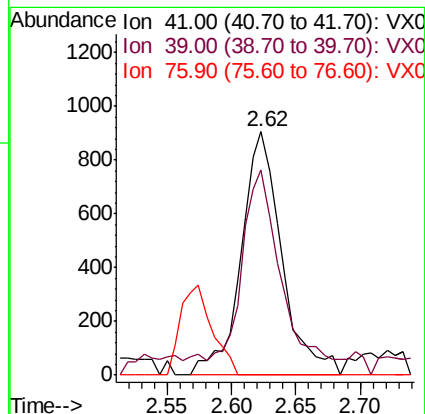
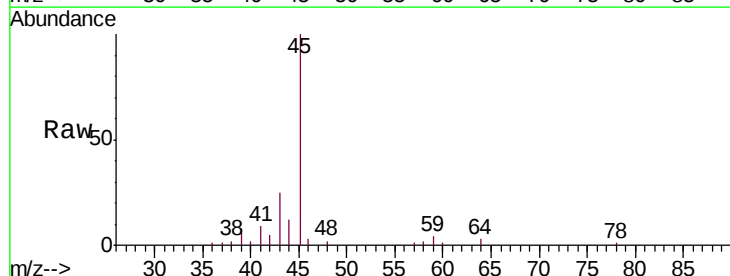
Tgt Ion: 41 Resp: 1972

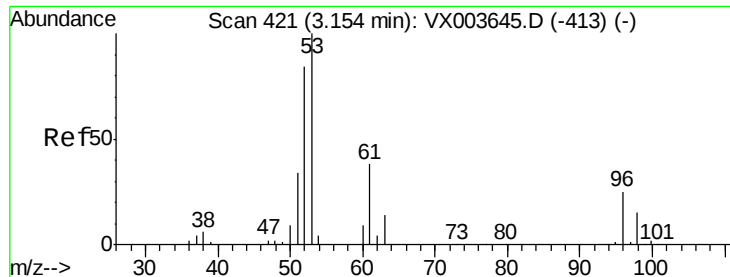
Ion Ratio Lower Upper

41 100

39 67.7 45.3 67.9

76 0.0 23.8 35.6#





#15

Acrylonitrile

Concen: 5.23 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003694.D

Acq: 27 Jul 2018 03:20

Instrument :

MSVOA_X

ClientSampled :

FL-0505

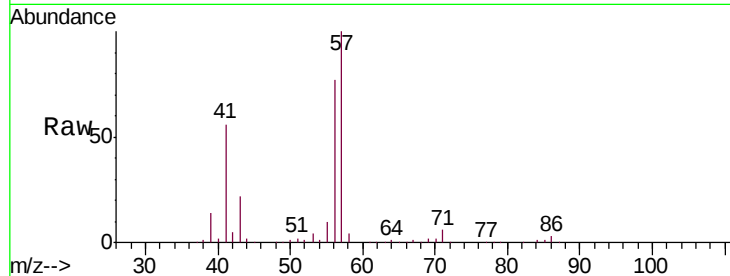
Tot Ion: 53 Resp: 3738

Ion Ratio Lower Upper

53 100

52 21.1 66.1 99.1#

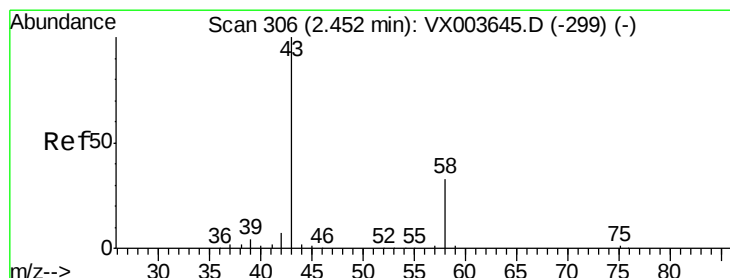
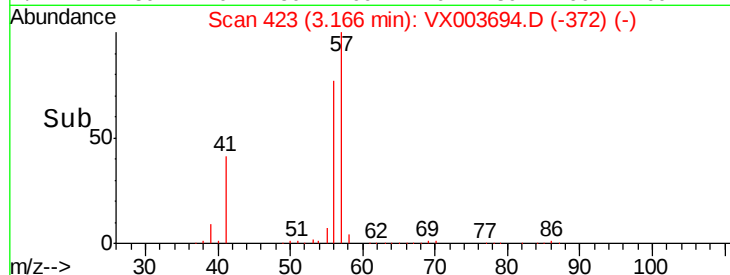
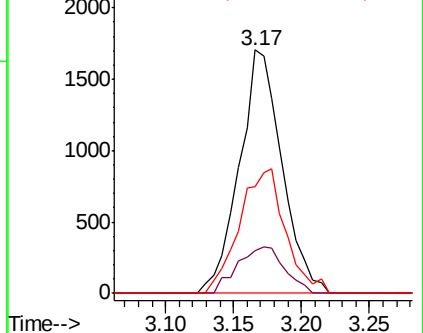
51 55.5 28.2 42.4#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 7.83 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003694.D

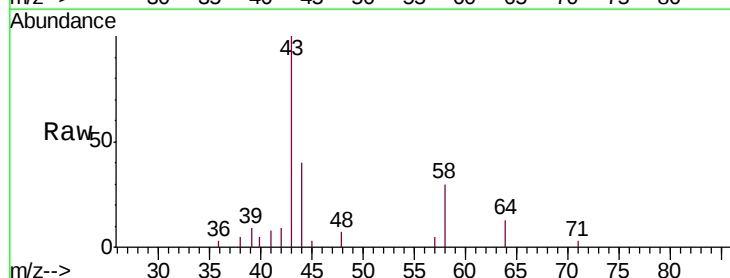
Acq: 27 Jul 2018 03:20

Tgt Ion: 43 Resp: 4549

Ion Ratio Lower Upper

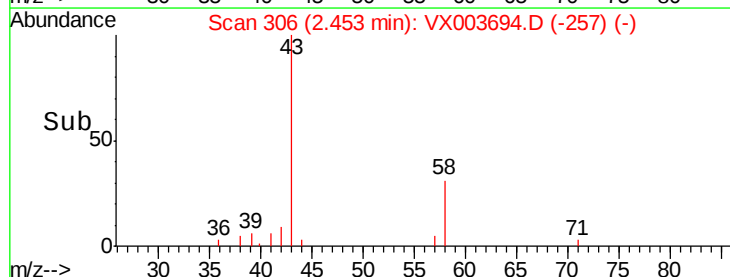
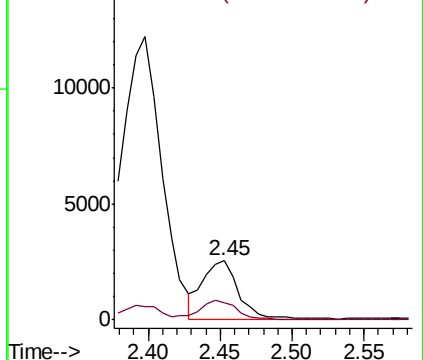
43 100

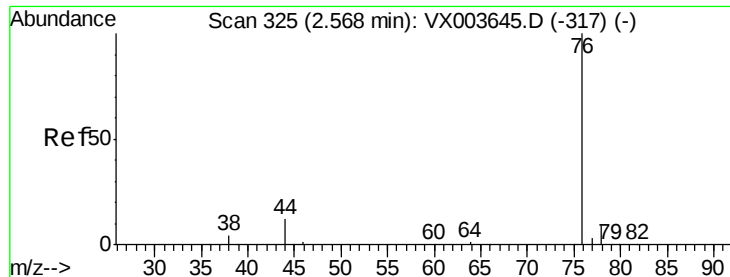
58 29.9 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.20 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX003694.D

Acq: 27 Jul 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

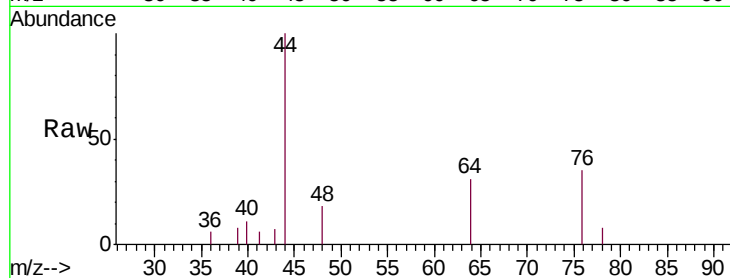
FL-0505

Tot Ion: 76 Resp: 567

Ion Ratio Lower Upper

76 100

78 22.5 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

300

200

100

0

Time-->

2.55

2.60

2.65

2.70

2.75

2.80

2.85

2.90

2.95

3.00

3.05

3.10

3.15

3.20

3.25

3.30

3.35

3.40

3.45

3.50

3.55

3.60

3.65

3.70

3.75

3.80

3.85

3.90

3.95

4.00

4.05

4.10

4.15

4.20

4.25

4.30

4.35

4.40

4.45

4.50

4.55

4.60

4.65

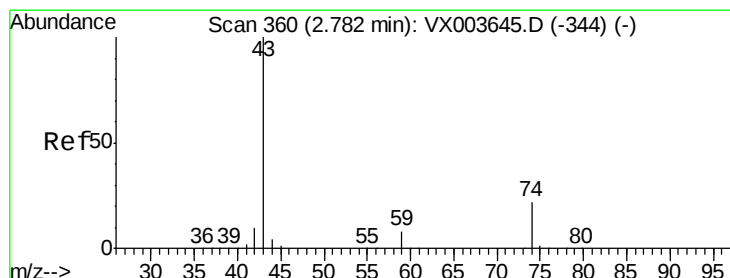
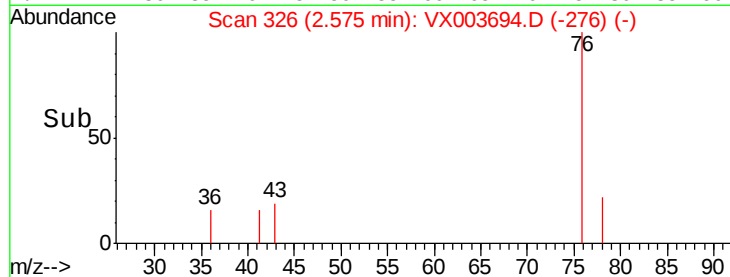
4.70

4.75

4.80

4.85

4.90



#18

Methyl Acetate

Concen: 29.70 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.06 min

Lab File: VX003694.D

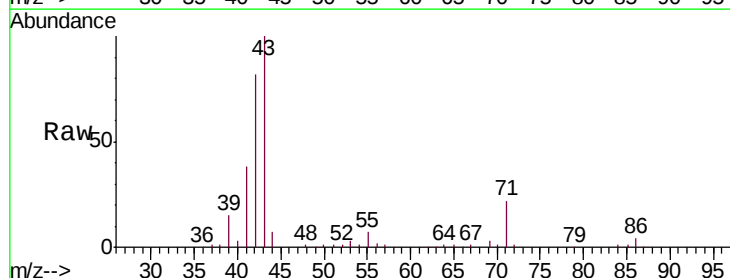
Acq: 27 Jul 2018 03:20

Tgt Ion: 43 Resp: 52113

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.84

30000

20000

10000

0

Time-->

2.75

2.80

2.85

2.90

2.95

3.00

3.05

3.10

3.15

3.20

3.25

3.30

3.35

3.40

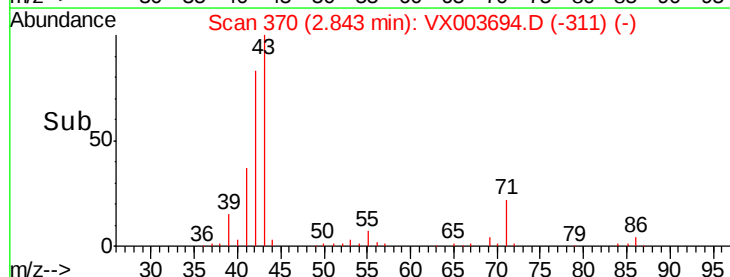
3.45

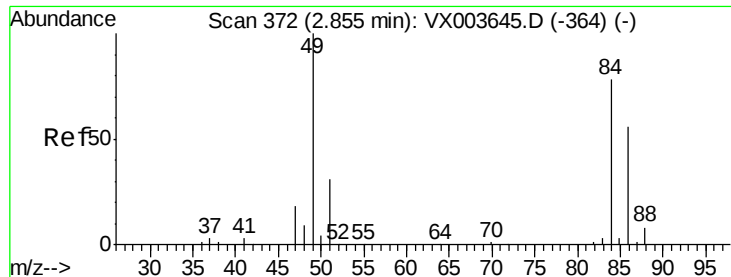
3.50

3.55

3.60

3.65

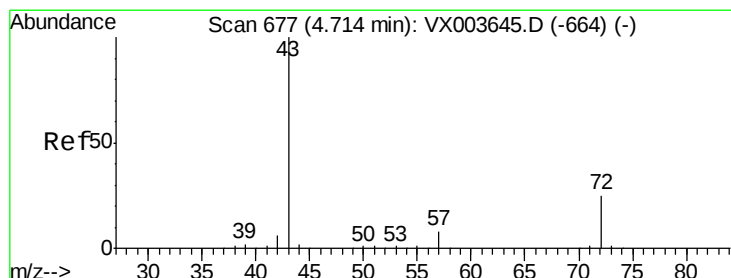
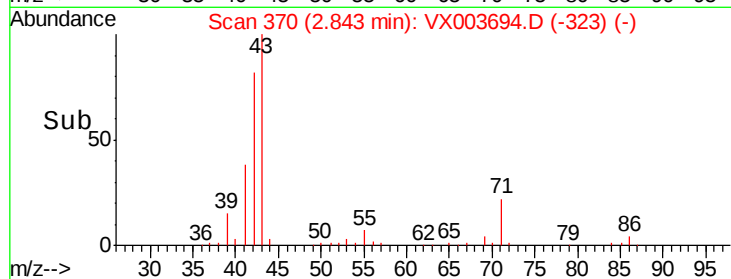
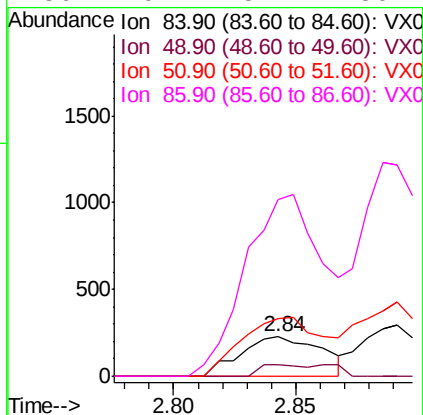
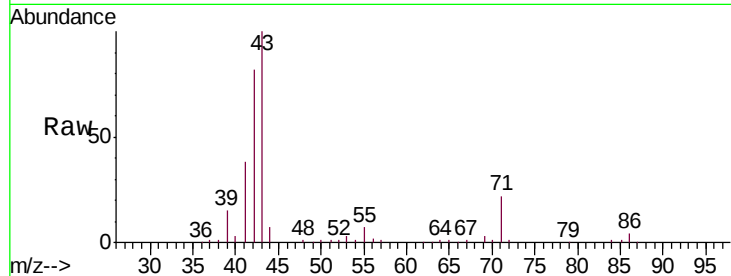




#20
Methvlene Chloride
Concen: 0.46 ug/l
RT: 2.84 min Scan# 370
Delta R.T. -0.01 min
Lab File: VX003694.D
Acq: 27 Jul 2018 03:20

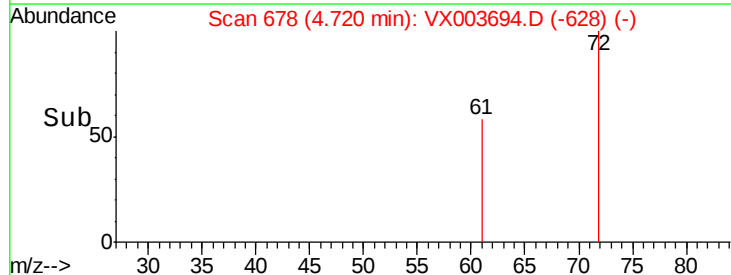
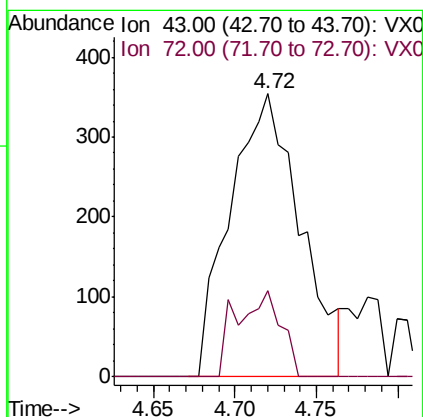
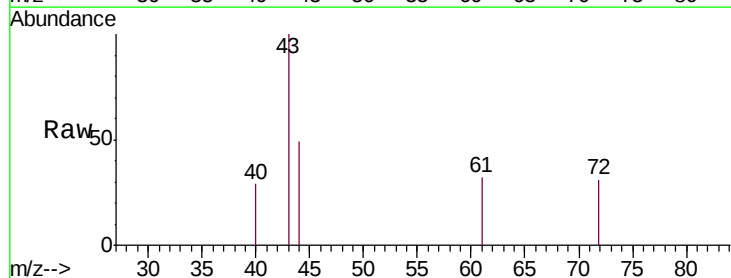
Instrument :
MSVOA_X
ClientSampled :
FL-0505

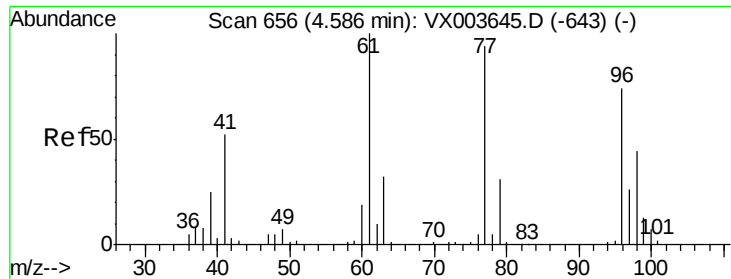
Tot Ion: 84 Resp: 526
Ion Ratio Lower Upper
84 100
49 28.3 102.3 153.5#
51 145.6 31.8 47.8#
86 449.1 57.4 86.2#



#25
2-Butanone
Concen: 1.18 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003694.D
Acq: 27 Jul 2018 03:20

Tgt Ion: 43 Resp: 1062
Ion Ratio Lower Upper
43 100
72 30.5 20.2 30.4#

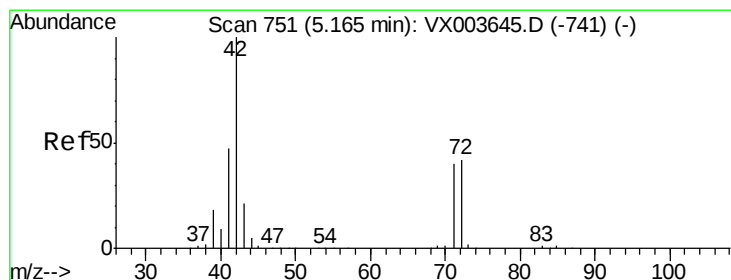
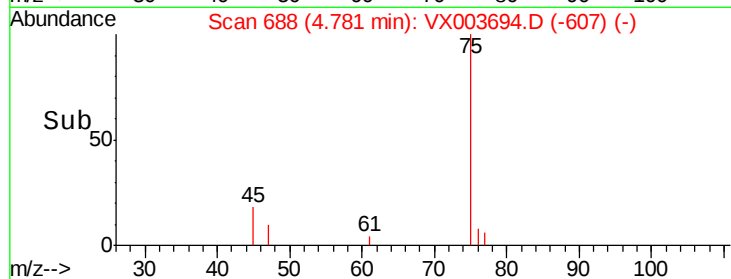
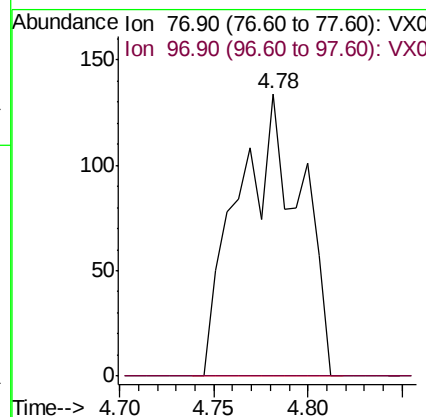
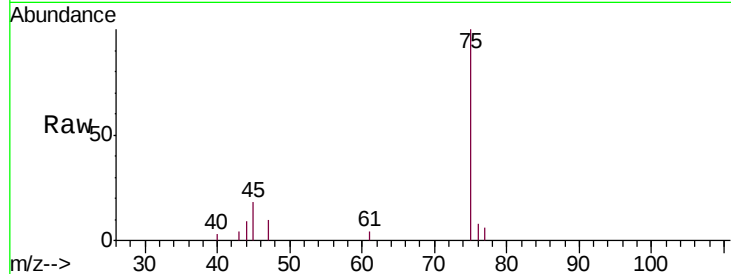




#26
 2,2-Dichloropropane
 Concen: 0.24 ug/l
 RT: 4.78 min Scan# 688
 Delta R.T. 0.20 min
 Lab File: VX003694.D
 Acq: 27 Jul 2018 03:20

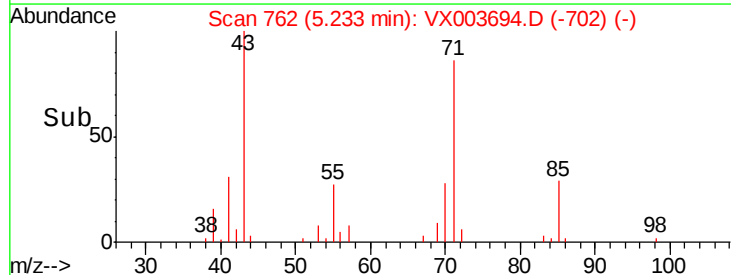
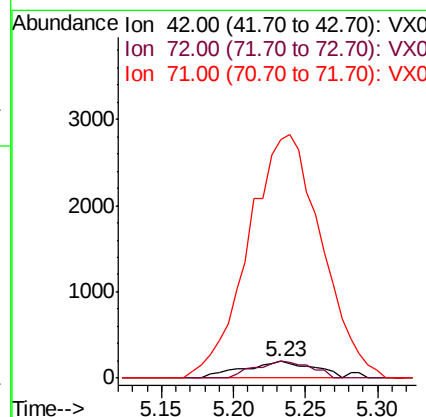
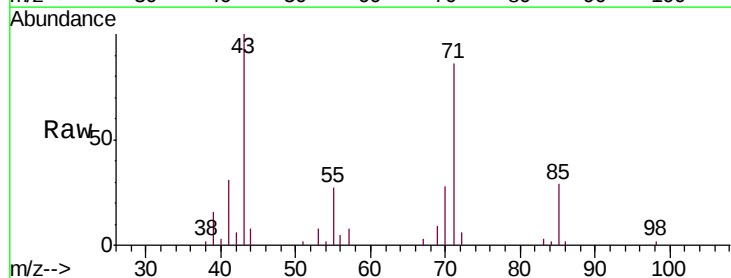
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0505

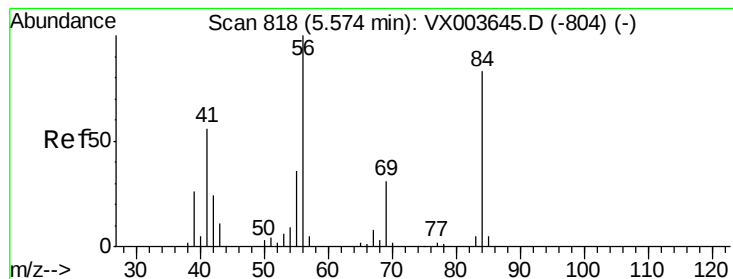
Tot Ion: 77 Resp: 309
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.0 36.0#



#29
 Tetrahydrofuran
 Concen: 1.12 ug/l
 RT: 5.23 min Scan# 762
 Delta R.T. 0.07 min
 Lab File: VX003694.D
 Acq: 27 Jul 2018 03:20

Tgt Ion: 42 Resp: 657
 Ion Ratio Lower Upper
 42 100
 72 81.0 33.4 50.0#
 71 1515.7 31.0 46.6#





#31

Cyclohexane

Concen: 16.56 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003694.D

Acq: 27 Jul 2018 03:20

Instrument :

MSVOA_X

ClientSampled :

FL-0505

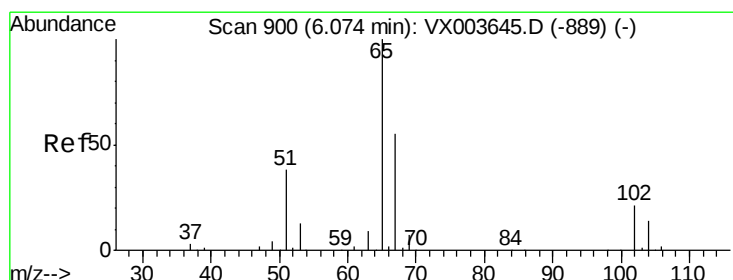
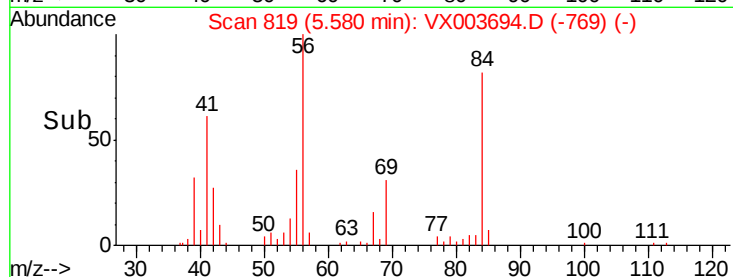
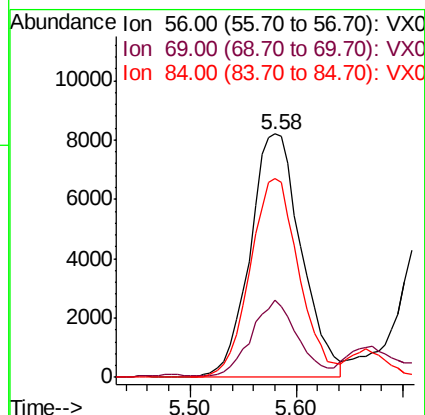
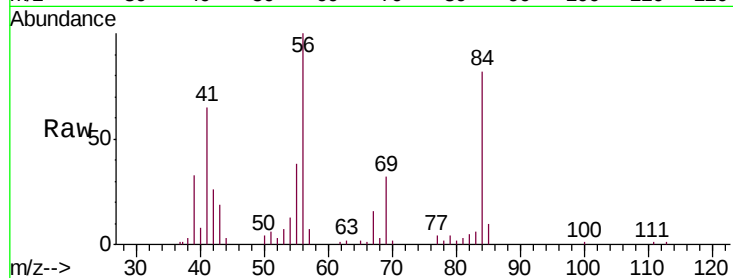
Tot Ion: 56 Resp: 27522

Ion Ratio Lower Upper

56 100

69 31.2 25.0 37.6

84 81.6 66.5 99.7



#33

1,2-Dichloroethane-d4

Concen: 57.86 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003694.D

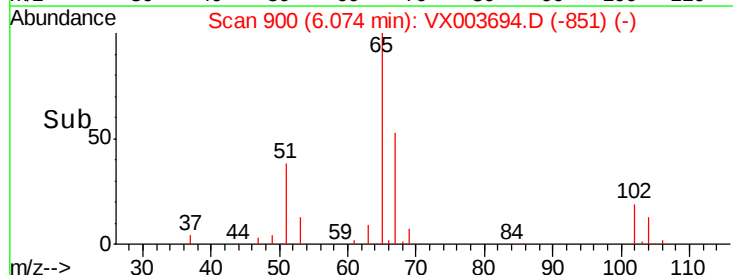
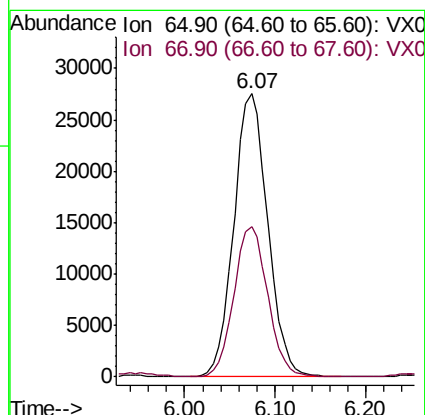
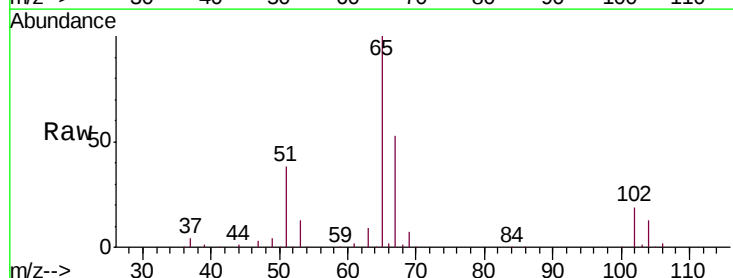
Acq: 27 Jul 2018 03:20

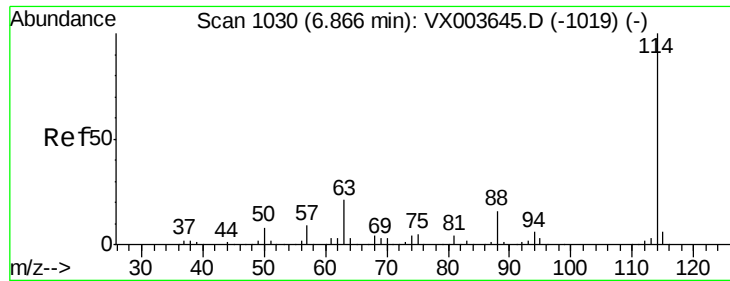
Tgt Ion: 65 Resp: 71544

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.8

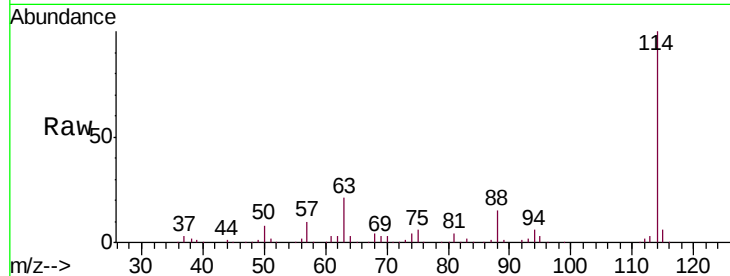




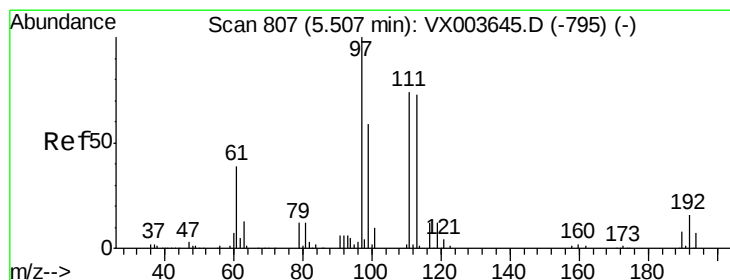
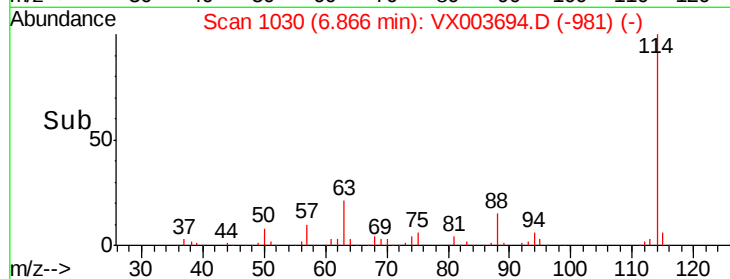
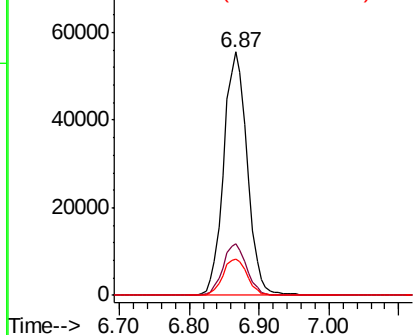
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003694.D
Acq: 27 Jul 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
FL-0505

Tot Ion:114 Resp: 130345
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.0
88 14.9 0.0 31.8

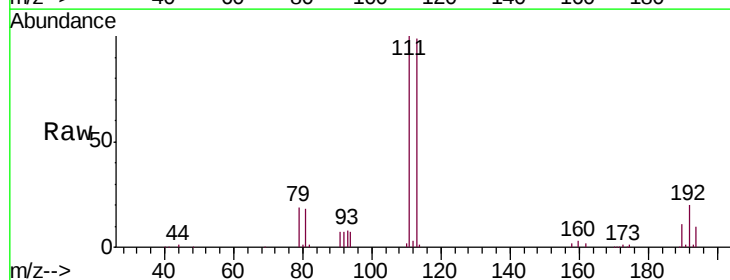


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

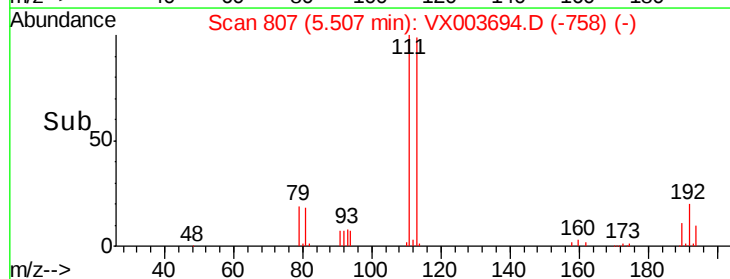
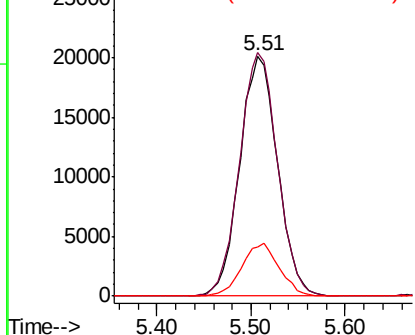


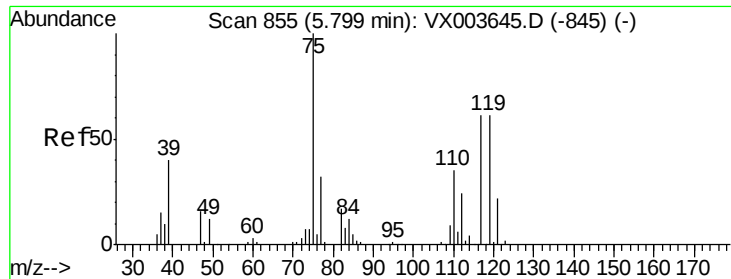
#35
Dibromofluoromethane
Concen: 53.16 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003694.D
Acq: 27 Jul 2018 03:20

Tgt Ion:113 Resp: 56642
Ion Ratio Lower Upper
113 100
111 101.9 81.2 121.8
192 21.7 18.2 27.4



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

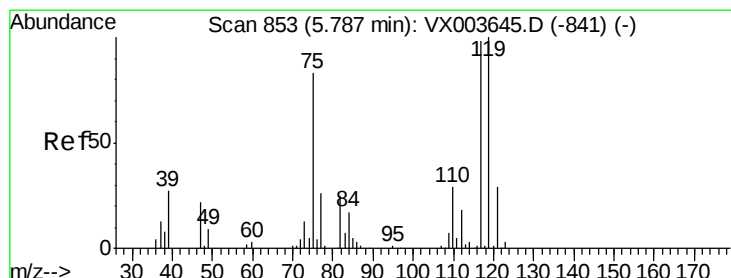
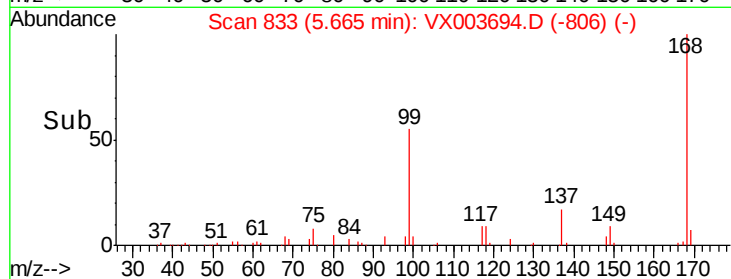
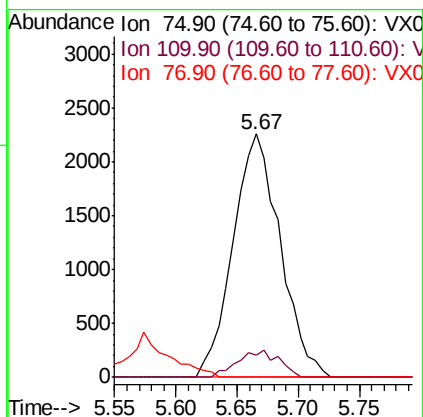
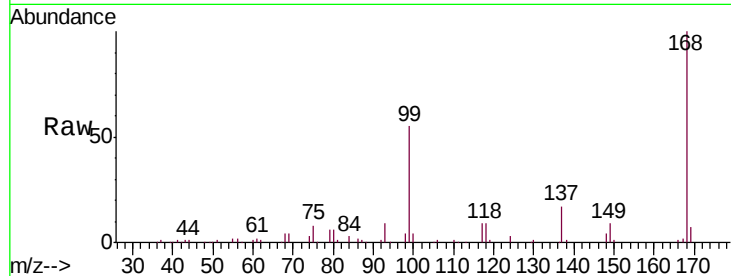




#36
 1,1-Dichloropropene
 Concen: 3.96 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003694.D
 Acq: 27 Jul 2018 03:20

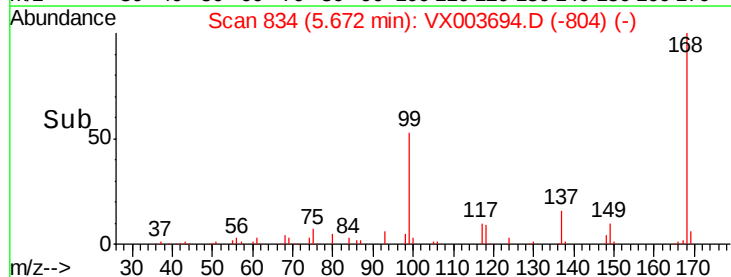
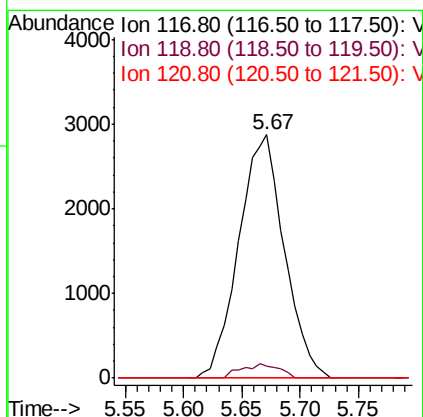
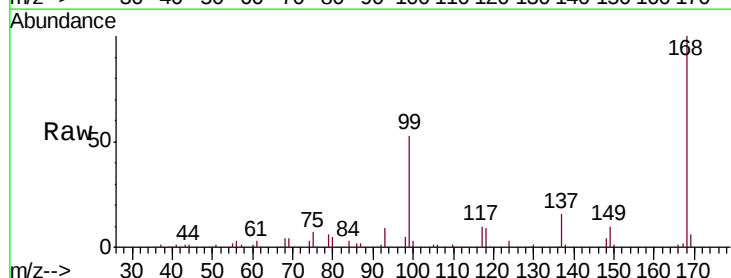
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0505

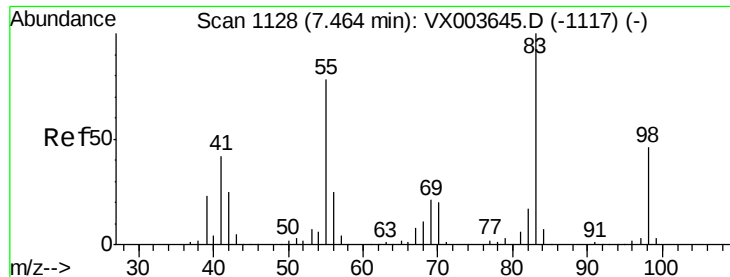
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.1#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.33 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX003694.D
 Acq: 27 Jul 2018 03:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	81.0	121.4#
121	0.0	23.7	35.5#





#39

Methvlcvclohexane

Concen: 31.03 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX003694.D

Acq: 27 Jul 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

FL-0505

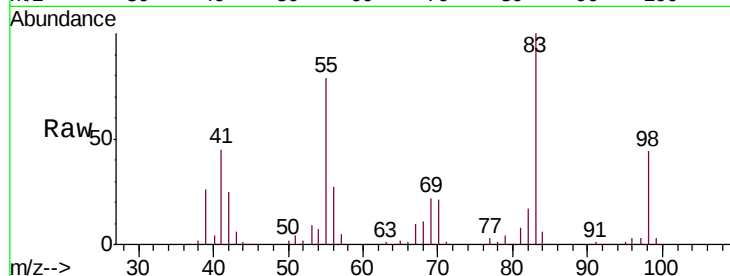
Tot Ion: 83 Resp: 52037

Ion Ratio Lower Upper

83 100

55 78.6 62.6 93.8

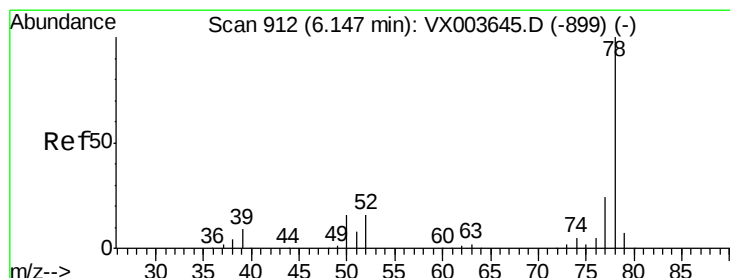
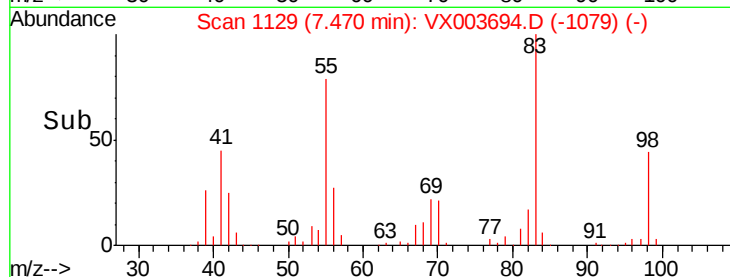
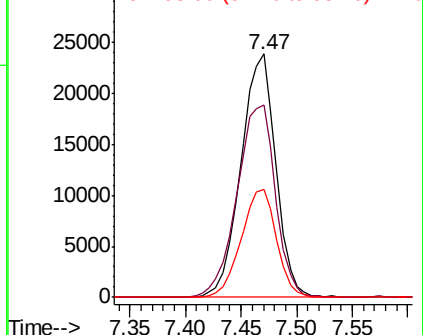
98 44.5 36.6 55.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 11.65 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.01 min

Lab File: VX003694.D

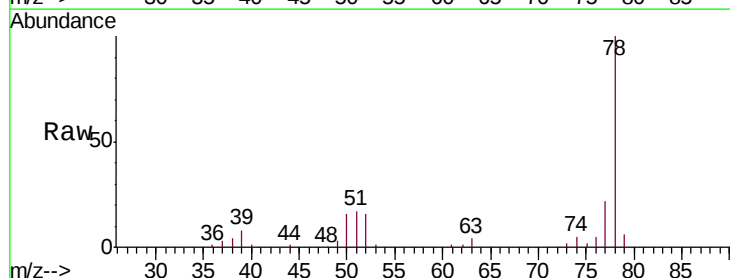
Acq: 27 Jul 2018 03:20

Tgt Ion: 78 Resp: 52549

Ion Ratio Lower Upper

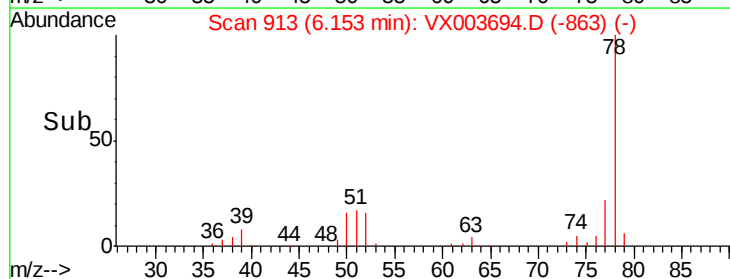
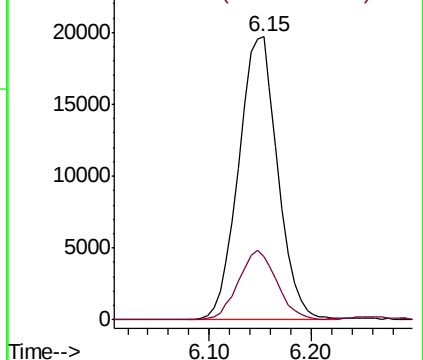
78 100

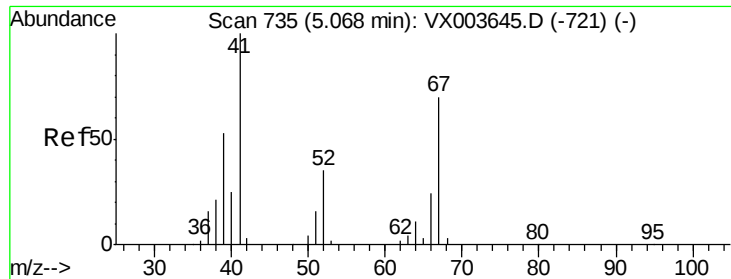
77 22.4 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

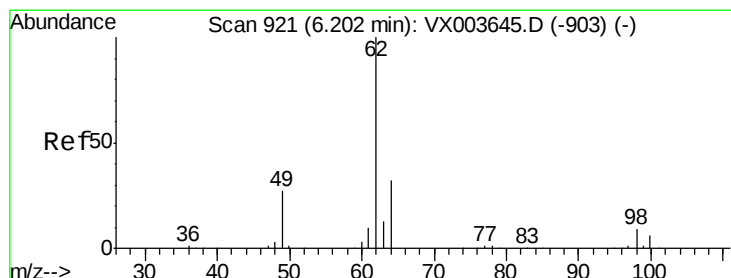
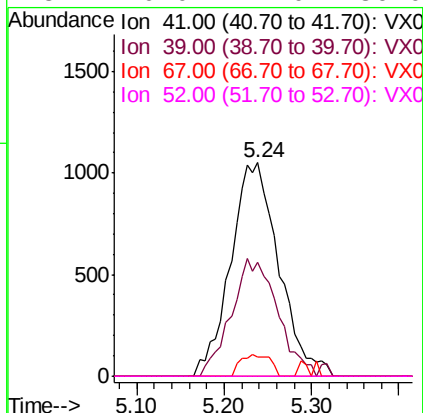
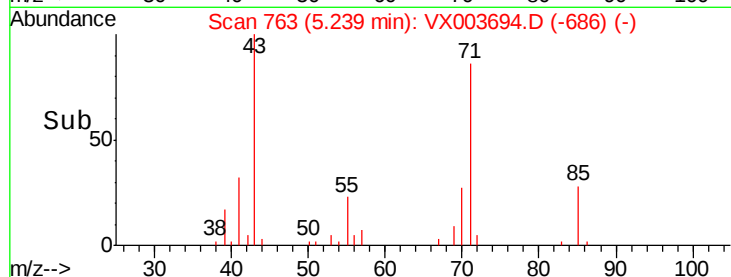
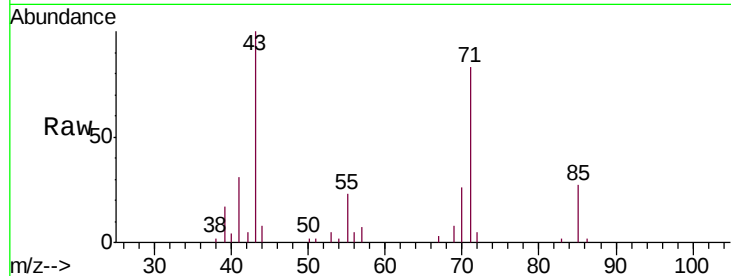




#41
Methacrylonitrile
Concen: 3.97 ug/l
RT: 5.24 min Scan# 763
Delta R.T. 0.17 min
Lab File: VX003694.D
Acq: 27 Jul 2018 03:20

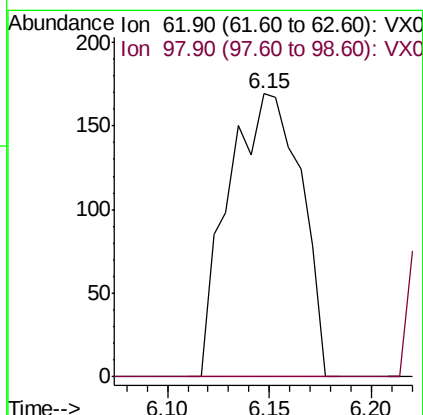
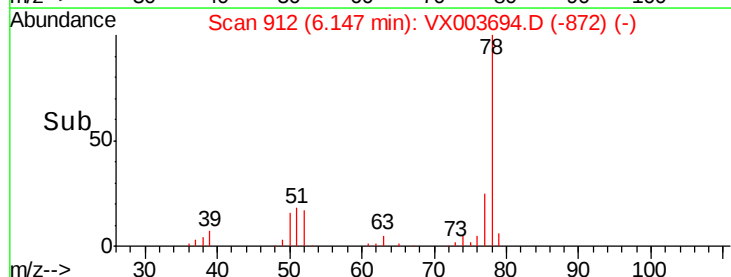
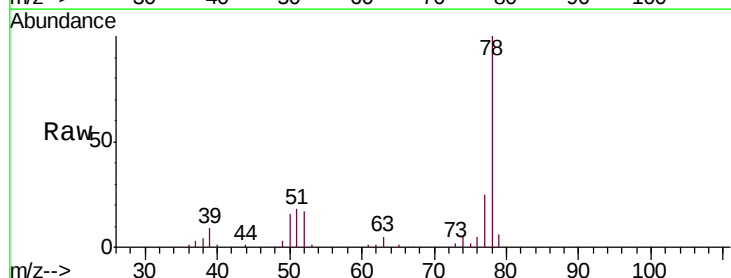
Instrument :
MSVOA_X
ClientSampleId :
FL-0505

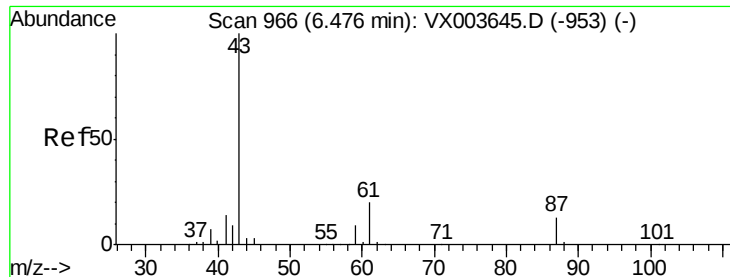
Tot Ion:	41	Resp:	4032
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.2	63.4
67	6.2	56.6	84.8#
52	0.0	24.0	36.0#



#42
1,2-Dichloroethane
Concen: 0.26 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.05 min
Lab File: VX003694.D
Acq: 27 Jul 2018 03:20

Tgt Ion:	62	Resp:	417
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.4





#43

Isopropyl Acetate

Concen: 0.56 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.02 min

Lab File: VX003694.D

Acq: 27 Jul 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

FL-0505

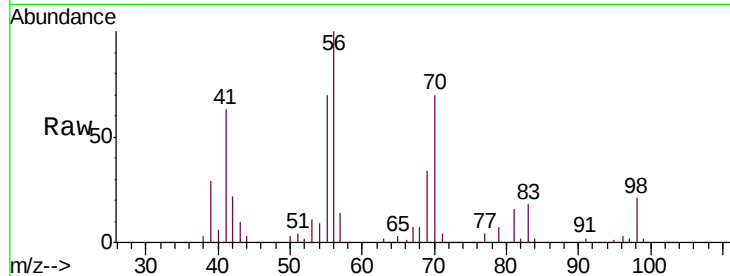
Tot Ion: 43 Resp: 1500

Ion Ratio Lower Upper

43 100

61 0.0 15.9 23.9#

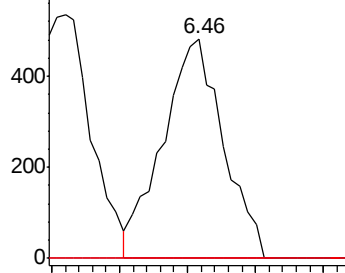
87 0.0 10.1 15.1#



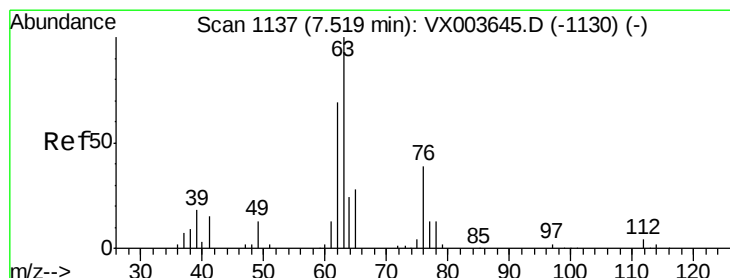
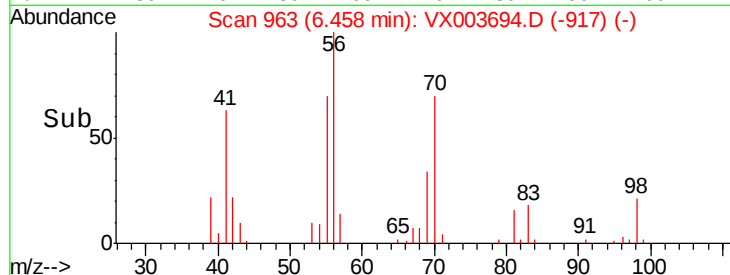
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time--> 6.35 6.40 6.45 6.50 6.55



#45

1,2-Dichloropropane

Concen: 0.56 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.05 min

Lab File: VX003694.D

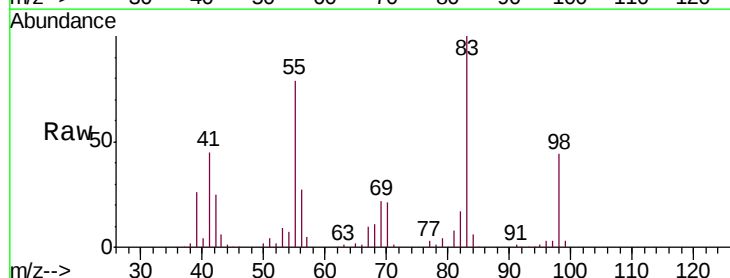
Acq: 27 Jul 2018 03:20

Tgt Ion: 63 Resp: 658

Ion Ratio Lower Upper

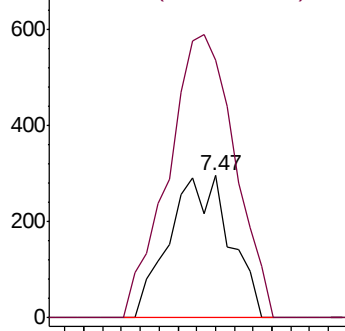
63 100

65 181.4 24.0 36.0#

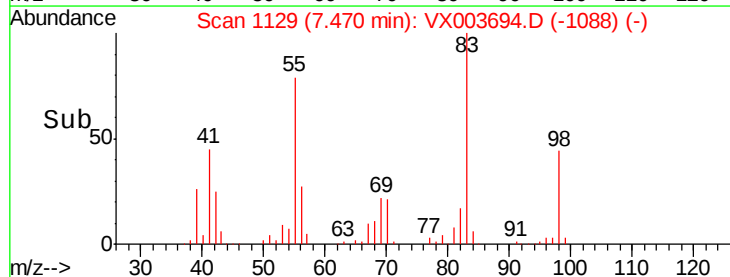


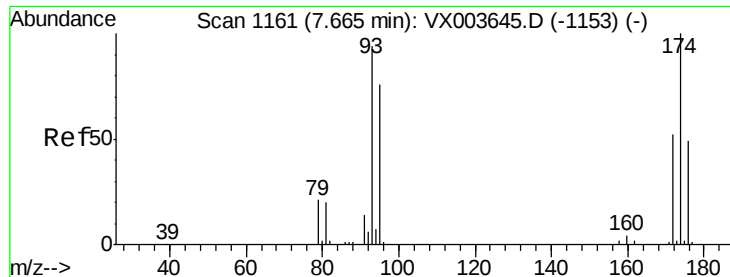
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time--> 7.40 7.45 7.50





#46

Dibromomethane

Concen: 0.24 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.20 min

Lab File: VX003694.D

Acq: 27 Jul 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

FL-0505

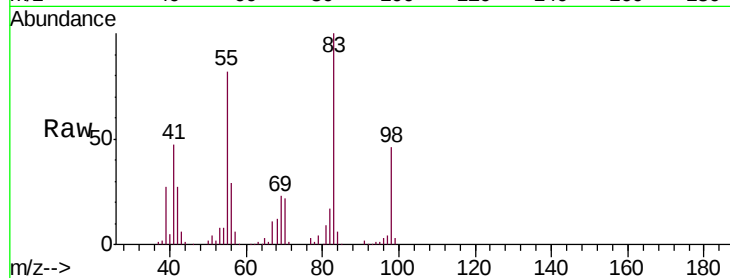
Tot Ion: 93 Resp: 181

Ion Ratio Lower Upper

93 100

95 417.7 67.0 100.6#

174 0.0 89.6 134.4#

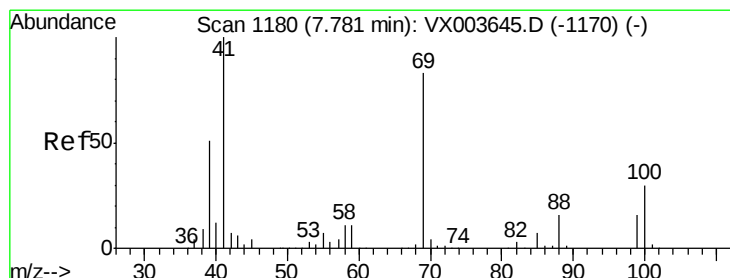
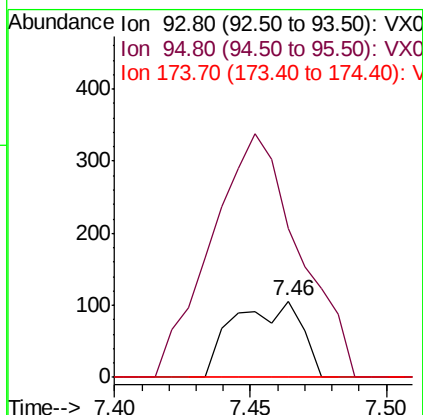
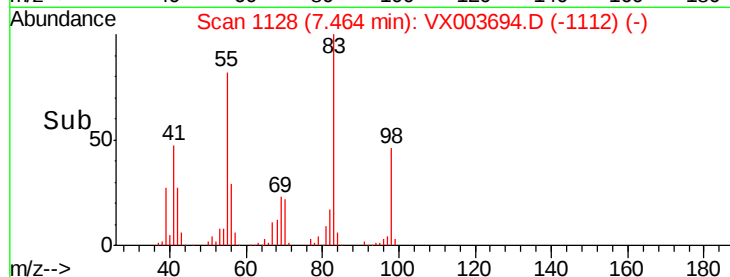


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

Time--> 7.40 7.45 7.50



#48

Methyl methacrylate

Concen: 2.02 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.05 min

Lab File: VX003694.D

Acq: 27 Jul 2018 03:20

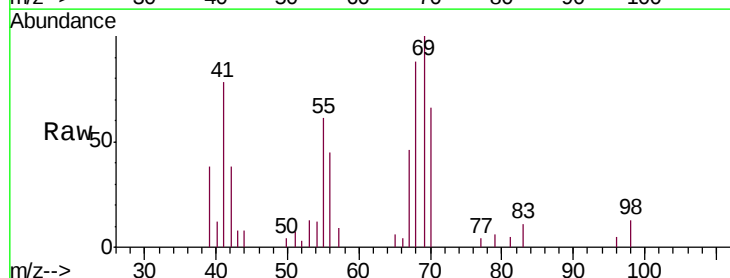
Tgt Ion: 41 Resp: 2744

Ion Ratio Lower Upper

41 100

69 137.8 66.9 100.3#

39 56.1 41.2 61.8

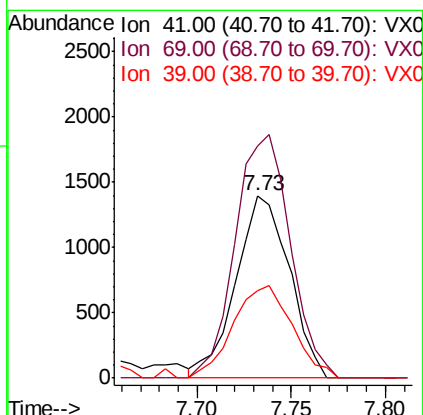
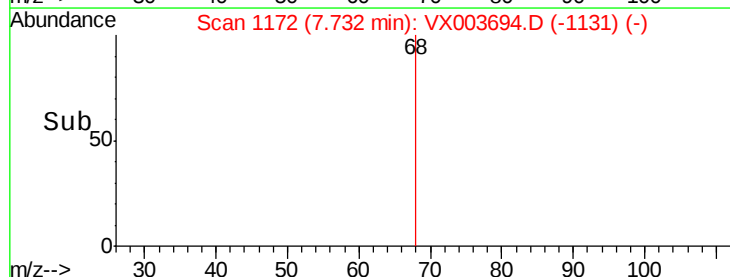


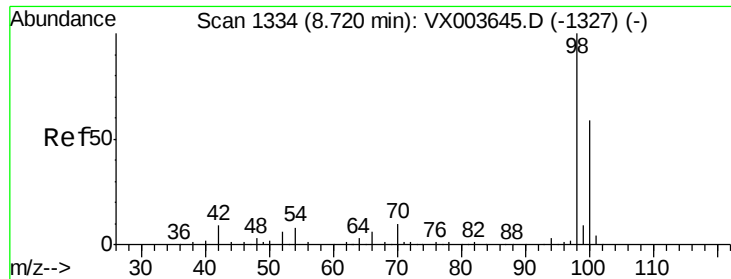
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time--> 7.70 7.75 7.80

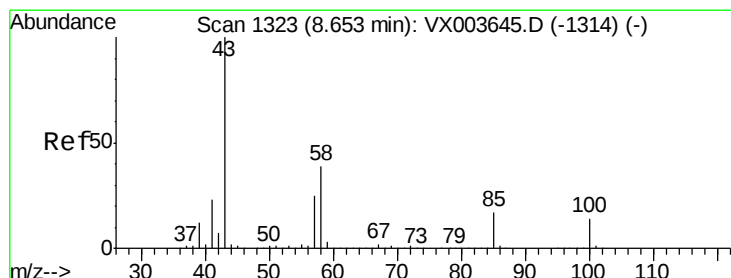
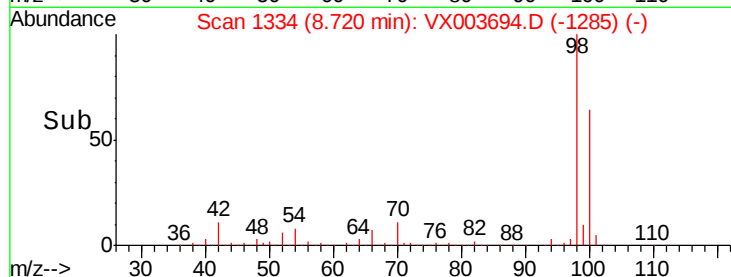
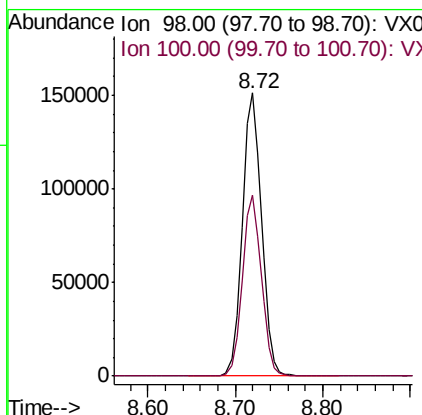
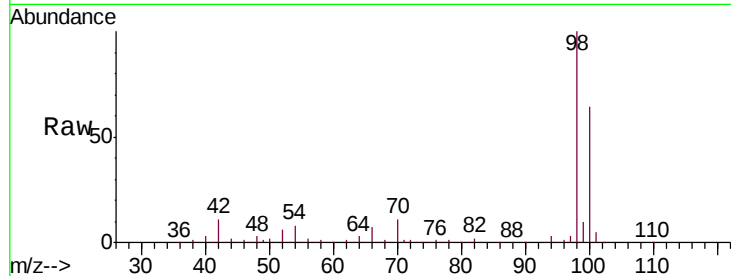




#50
Toluene-d8
Concen: 56.88 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003694.D
Acq: 27 Jul 2018 03:20

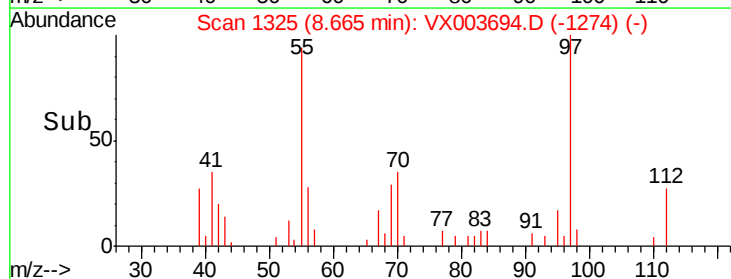
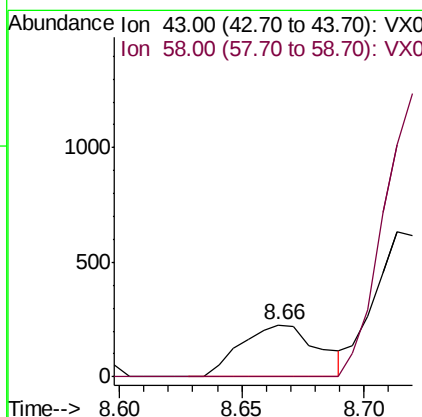
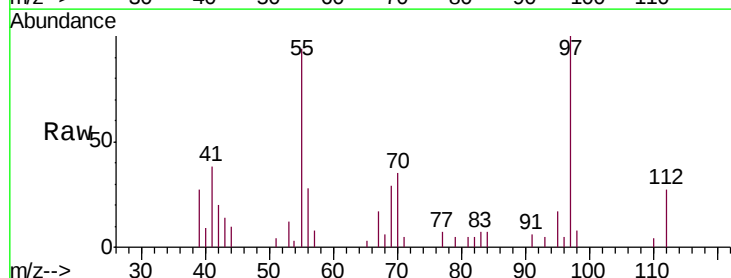
Instrument :
MSVOA_X
ClientSampleId :
FL-0505

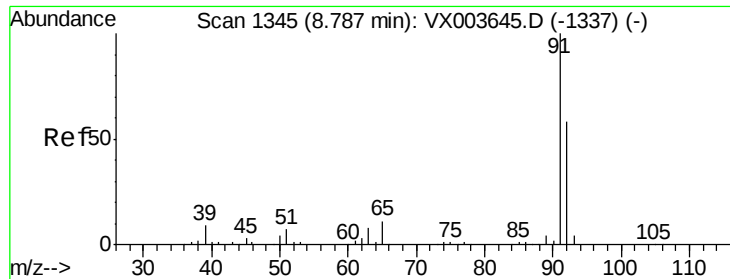
Tot Ion: 98 Resp: 231309
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.28 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX003694.D
Acq: 27 Jul 2018 03:20

Tgt Ion: 43 Resp: 497
Ion Ratio Lower Upper
43 100
58 0.0 31.5 47.3#





#52

Toluene

Concen: 0.37 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX003694.D

Acq: 27 Jul 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

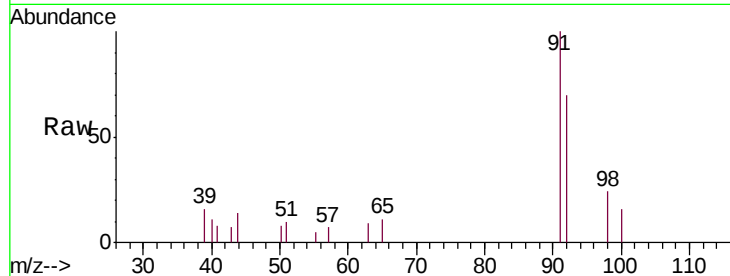
FL-0505

Tot Ion: 92 Resp: 1048

Ion Ratio Lower Upper

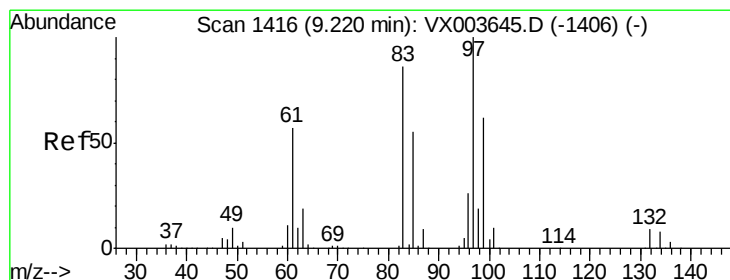
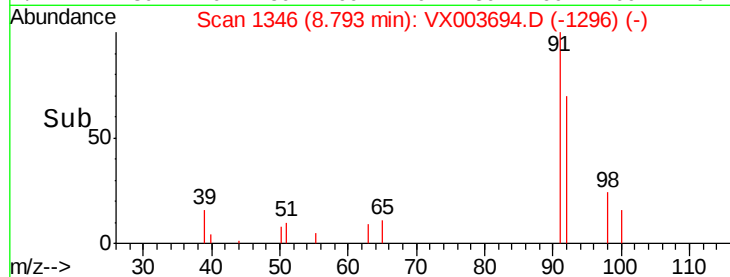
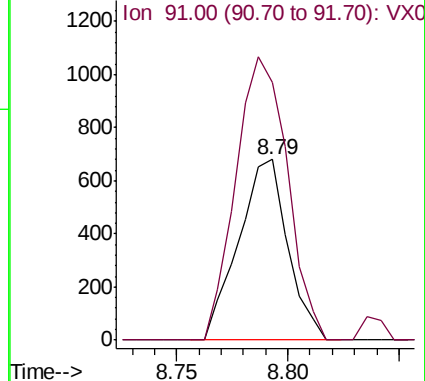
92 100

91 164.7 139.0 208.6



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: 2.58 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX003694.D

Acq: 27 Jul 2018 03:20

Tgt Ion: 97 Resp: 2953

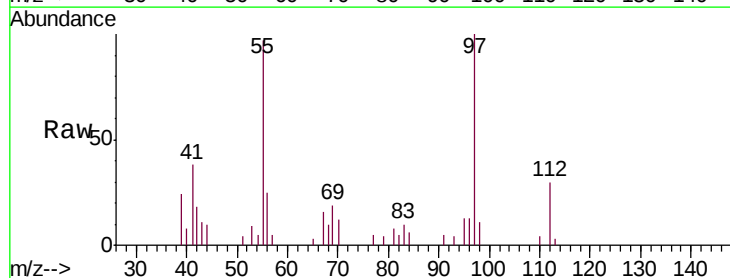
Ion Ratio Lower Upper

97 100

83 10.4 68.7 103.1#

85 0.0 43.7 65.5#

99 0.0 49.6 74.4#

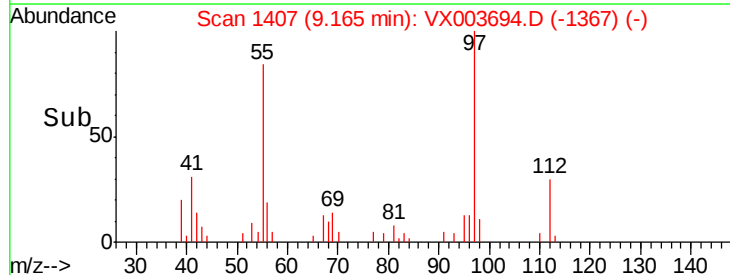
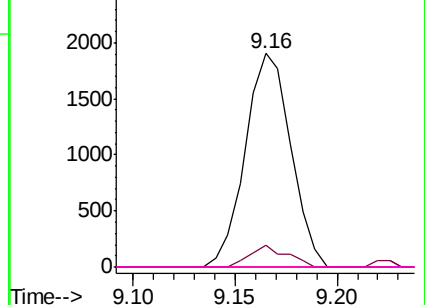


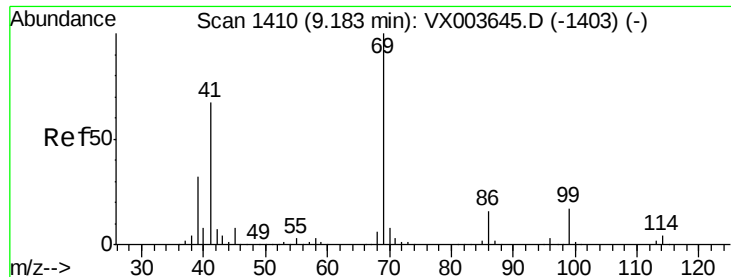
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

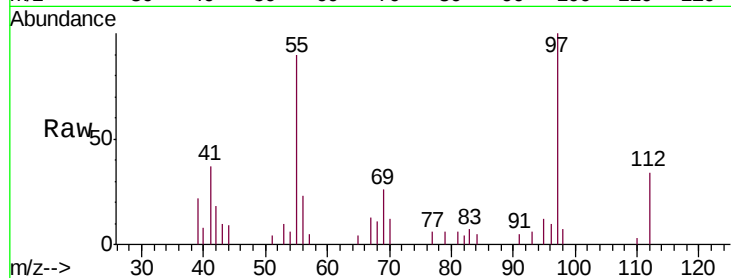




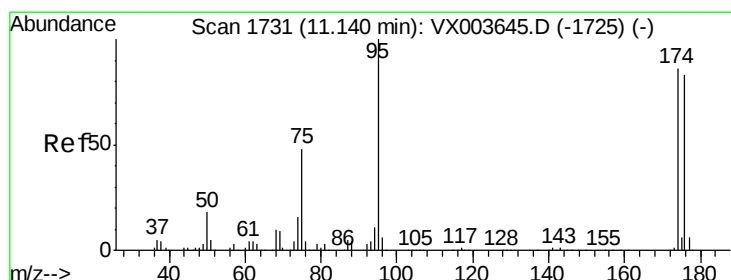
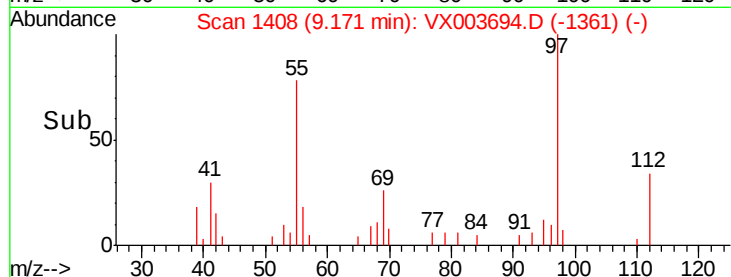
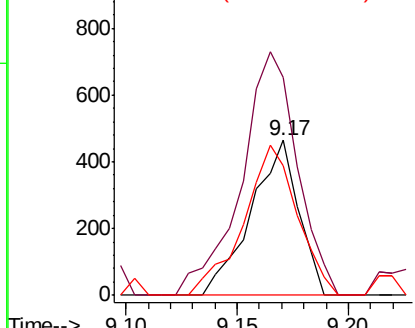
#56
Ethyl methacrylate
Concen: 0.40 ug/l
RT: 9.17 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX003694.D
Acq: 27 Jul 2018 03:20

Instrument :
MSVOA_X
ClientSampled :
FL-0505

Tot Ion: 69 Resp: 689
Ion Ratio Lower Upper
69 100
41 185.6 53.8 80.6#
39 109.7 25.8 38.8#

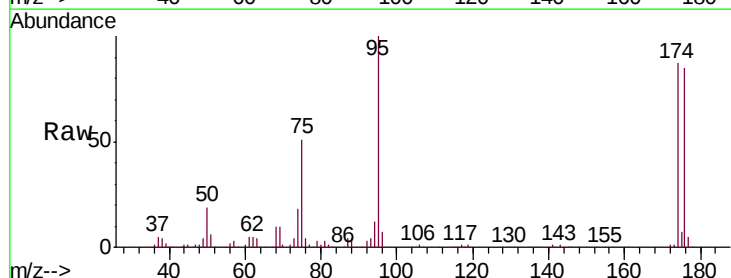


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

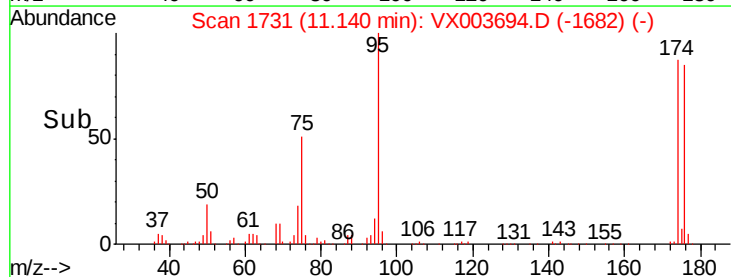
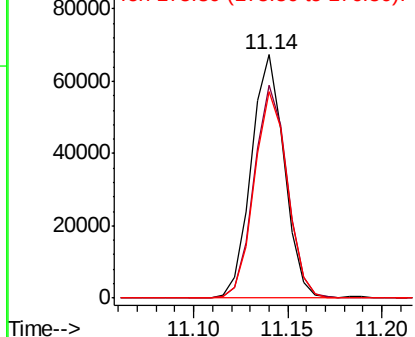


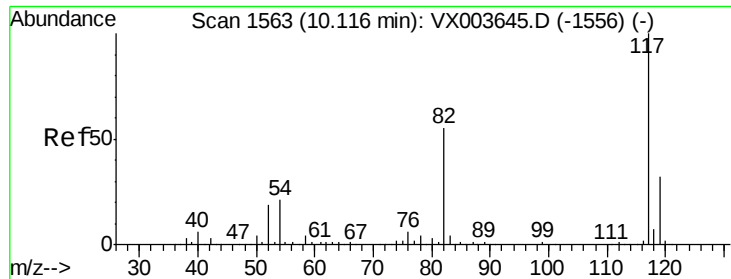
#62
4-Bromofluorobenzene
Concen: 55.19 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003694.D
Acq: 27 Jul 2018 03:20

Tgt Ion: 95 Resp: 81864
Ion Ratio Lower Upper
95 100
174 87.9 0.0 179.0
176 85.6 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

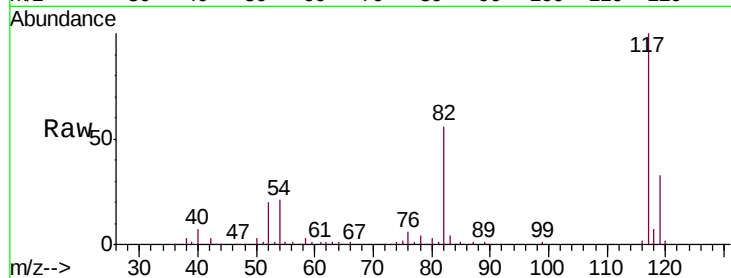




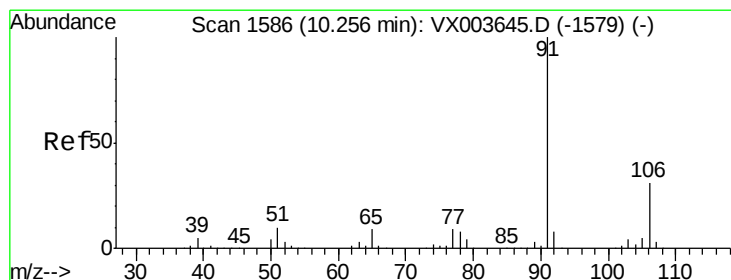
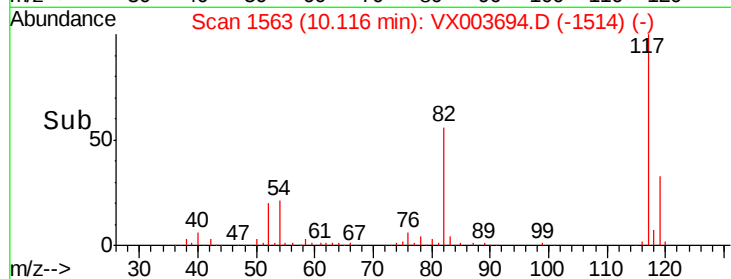
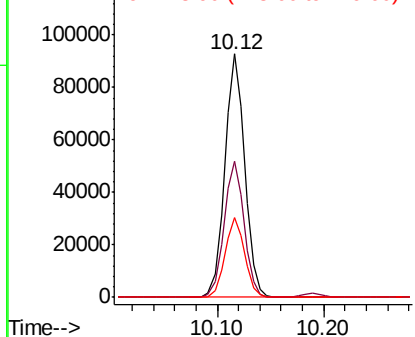
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003694.D
Acq: 27 Jul 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
FL-0505

Tot Ion:117 Resp: 121284
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.7 25.6 38.4

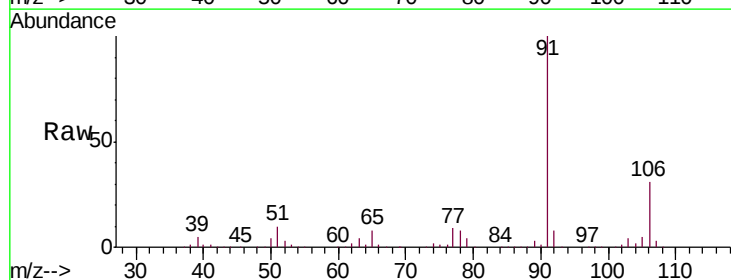


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

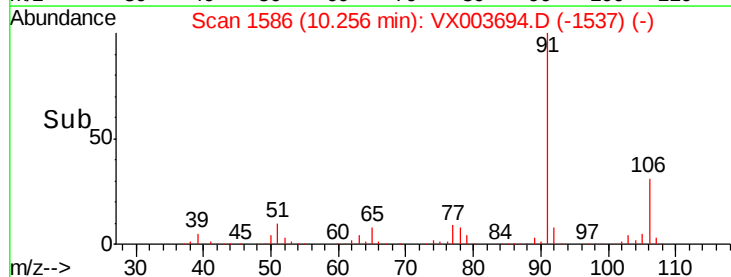
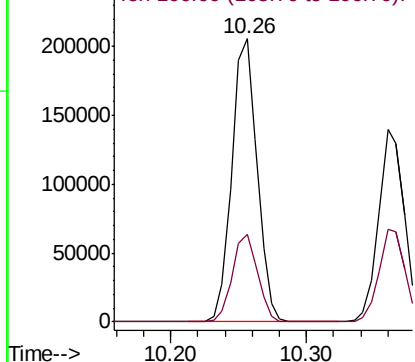


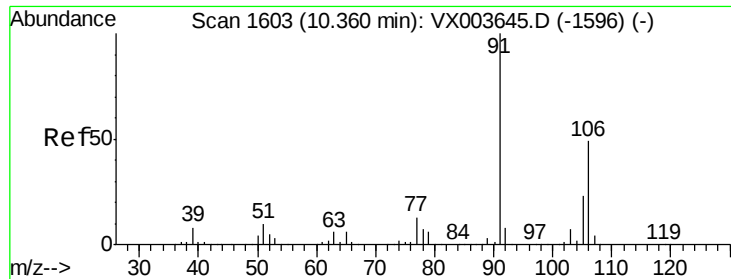
#67
Ethyl Benzene
Concen: 52.06 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003694.D
Acq: 27 Jul 2018 03:20

Tgt Ion: 91 Resp: 265999
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6



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

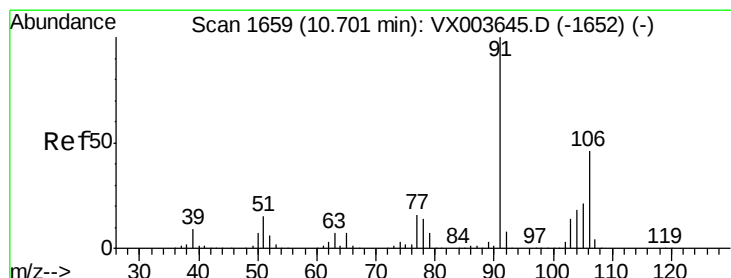
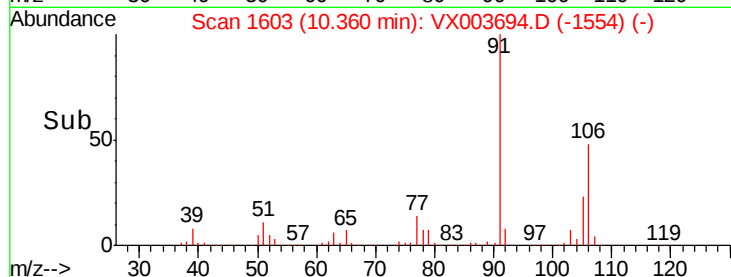
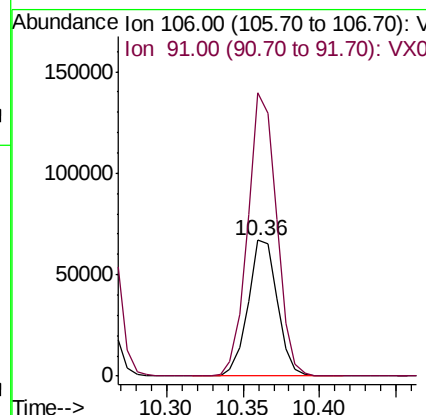
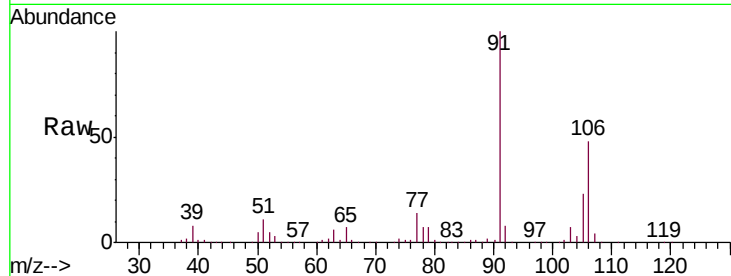




#68
m/p-Xylenes
Concen: 45.36 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003694.D
Acq: 27 Jul 2018 03:20

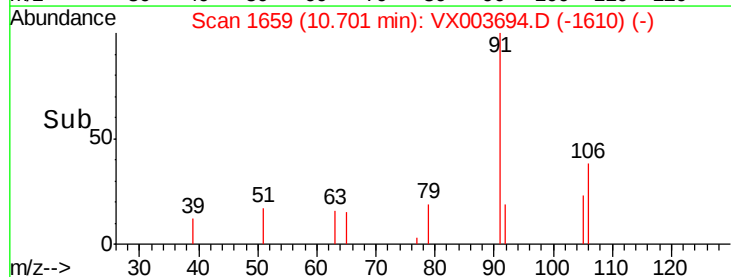
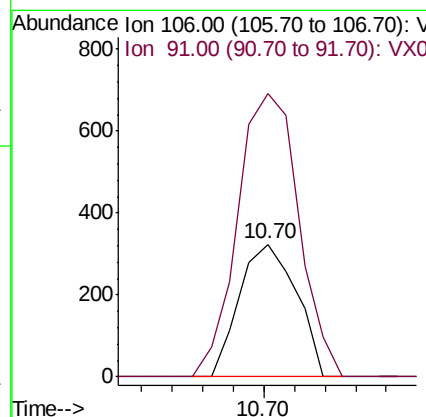
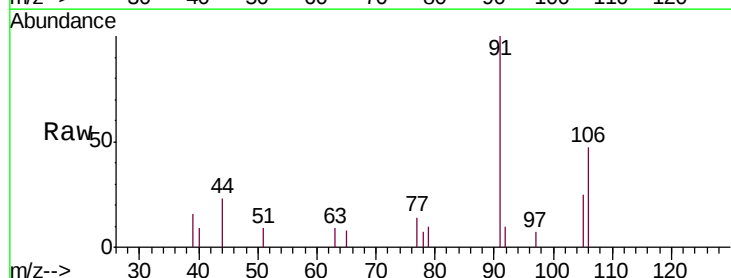
Instrument :
MSVOA_X
ClientSampled :
FL-0505

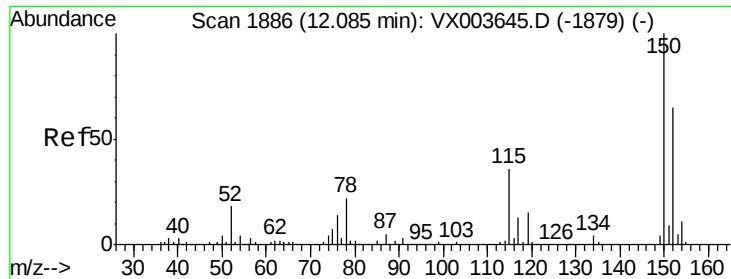
Tot Ion:106 Resp: 88913
Ion Ratio Lower Upper
106 100
91 205.6 162.2 243.2



#69
o-Xylene
Concen: 0.22 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003694.D
Acq: 27 Jul 2018 03:20

Tgt Ion:106 Resp: 417
Ion Ratio Lower Upper
106 100
91 230.0 107.1 321.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003694.D

Acq: 27 Jul 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

FL-0505

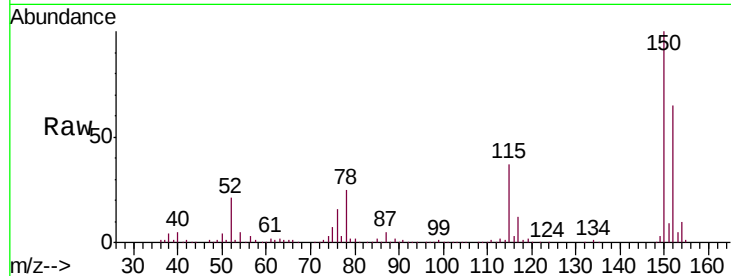
Tot Ion:152 Resp: 74344

Ion Ratio Lower Upper

152 100

115 56.7 40.0 119.9

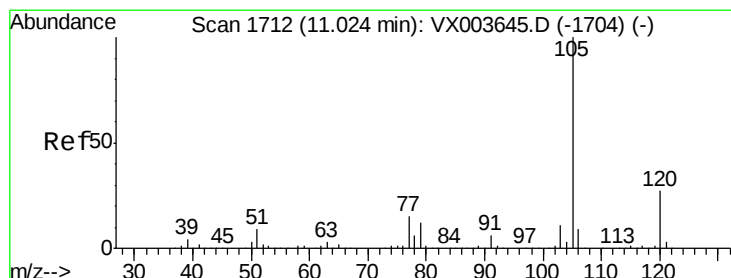
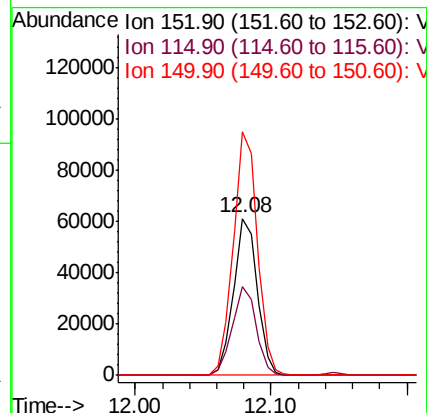
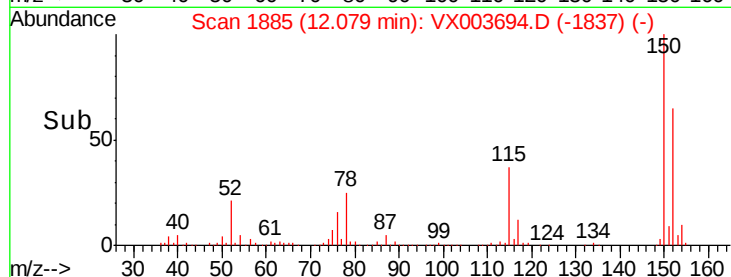
150 157.1 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 6.78 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003694.D

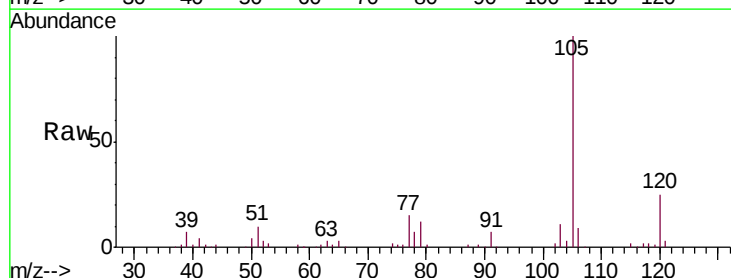
Acq: 27 Jul 2018 03:20

Tgt Ion:105 Resp: 34439

Ion Ratio Lower Upper

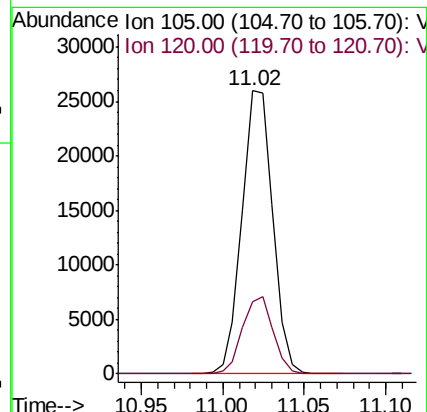
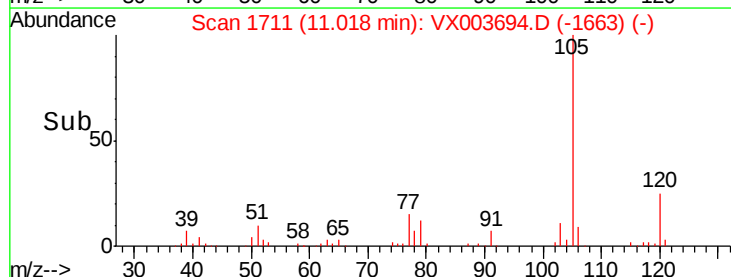
105 100

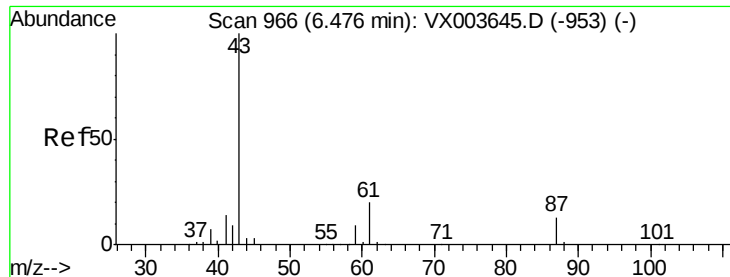
120 27.1 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.57 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.02 min

Lab File: VX003694.D

Acq: 27 Jul 2018 03:20

Instrument :

MSVOA_X

ClientSampled :

FL-0505

Tot Ion: 43 Resp: 1500

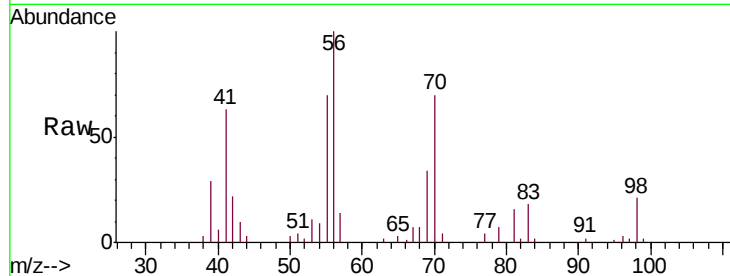
Ion Ratio Lower Upper

43 100

70 680.9 0.0 0.0#

55 711.6 0.0 0.0#

61 0.0 15.9 23.9#

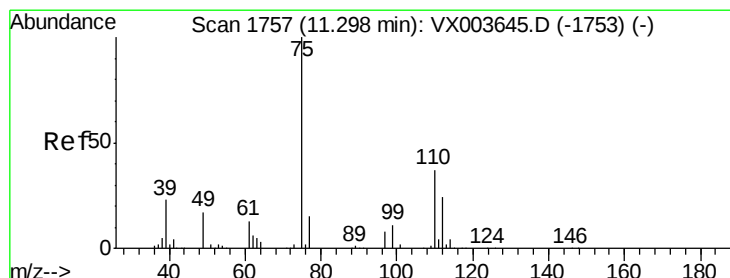
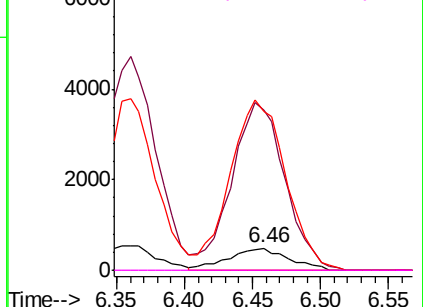
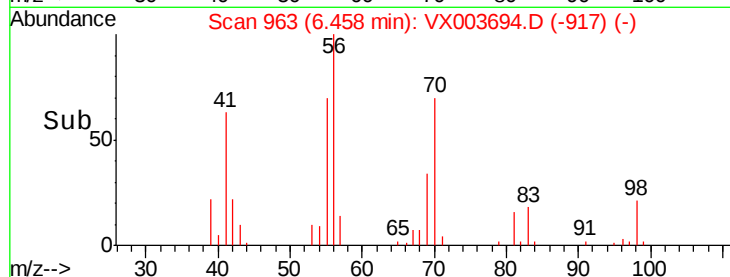


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 26.71 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003694.D

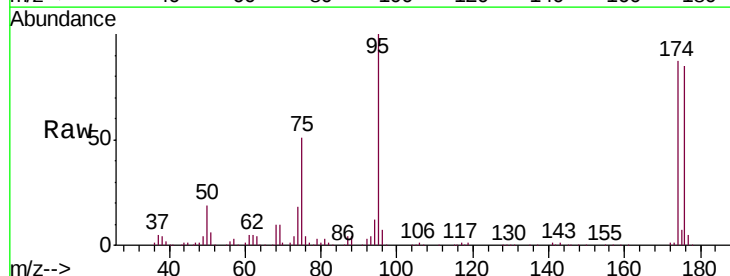
Acq: 27 Jul 2018 03:20

Tgt Ion: 75 Resp: 41656

Ion Ratio Lower Upper

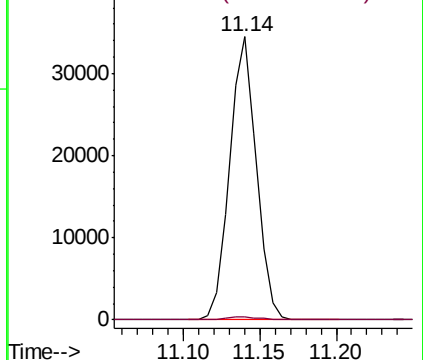
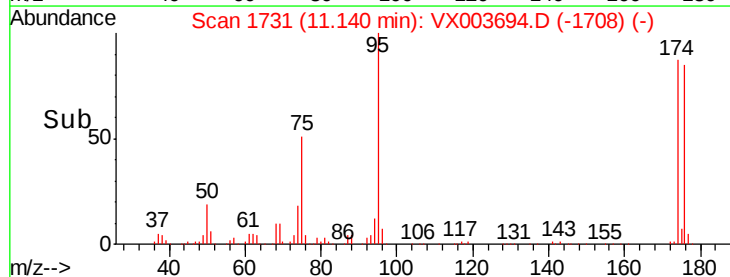
75 100

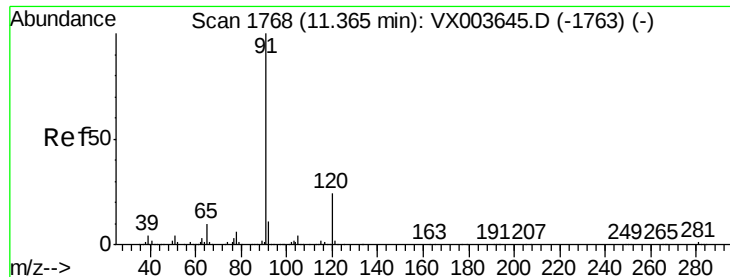
77 1.3 21.6 64.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 10.00 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003694.D

Acq: 27 Jul 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

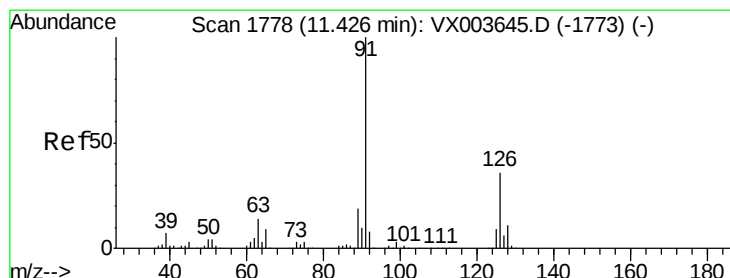
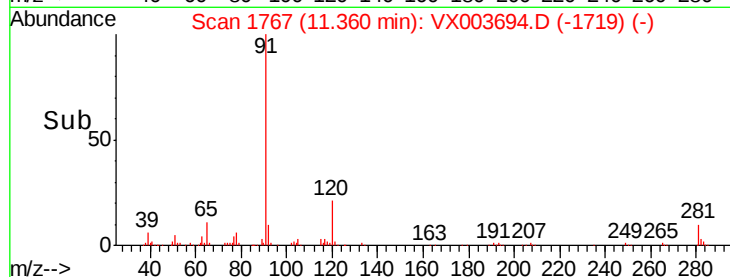
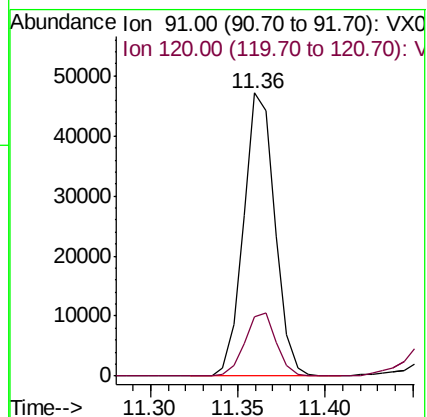
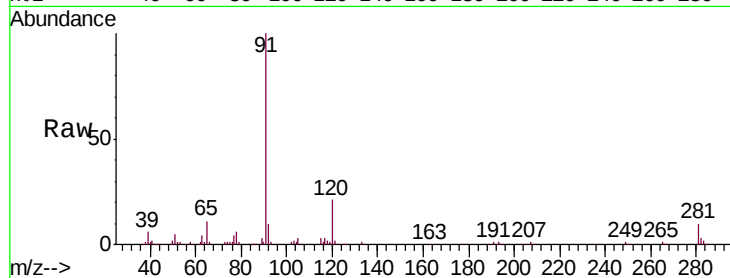
FL-0505

Tot Ion: 91 Resp: 58661

Ion Ratio Lower Upper

91 100

120 22.3 11.8 35.3



#79

2-Chlorotoluene

Concen: 0.99 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. 0.03 min

Lab File: VX003694.D

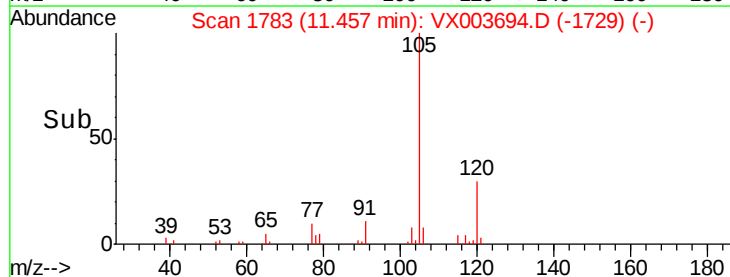
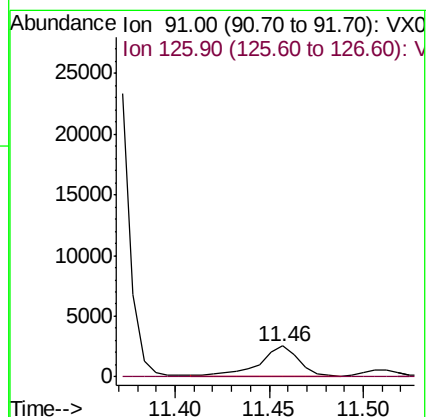
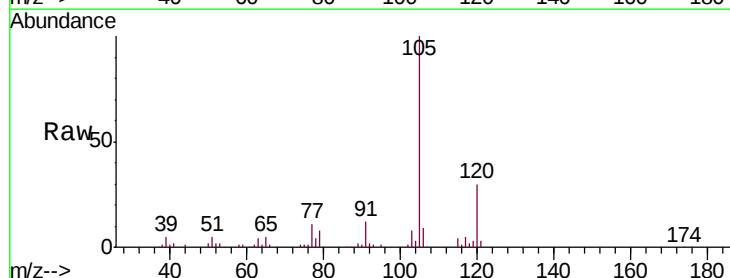
Acq: 27 Jul 2018 03:20

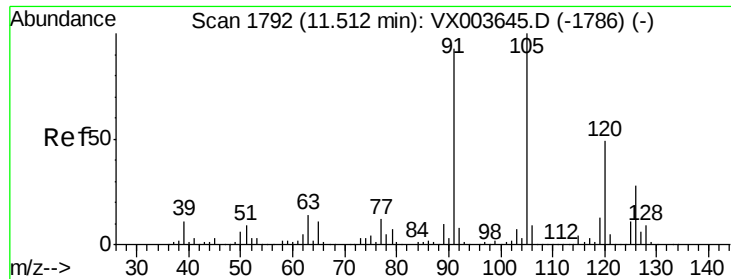
Tgt Ion: 91 Resp: 3540

Ion Ratio Lower Upper

91 100

126 0.0 17.3 52.0#

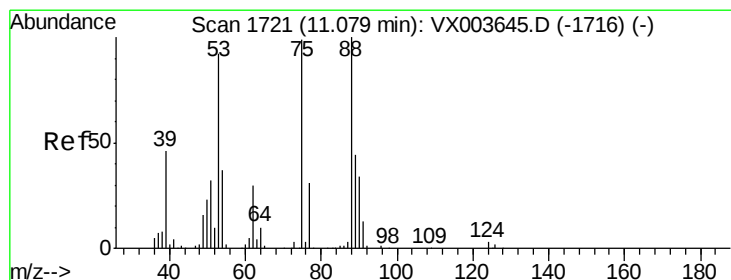
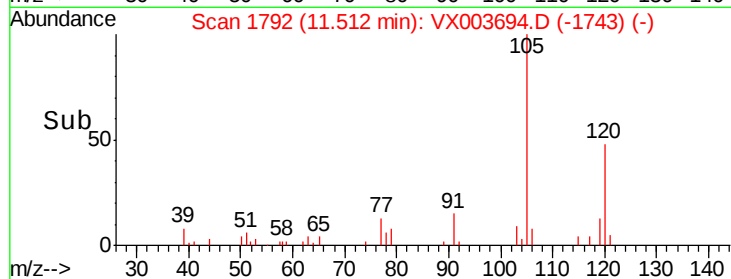
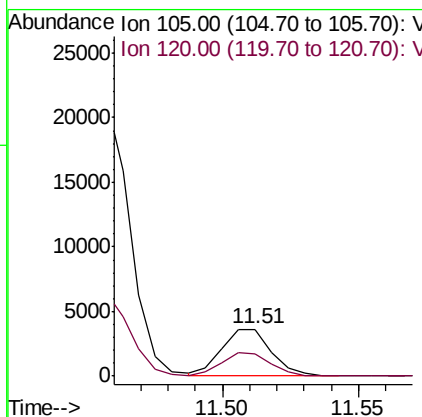
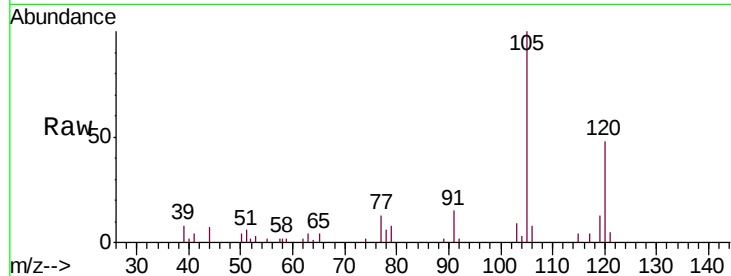




#80
 1,3,5-Trimethylbenzene
 Concen: 1.07 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003694.D
 Acq: 27 Jul 2018 03:20

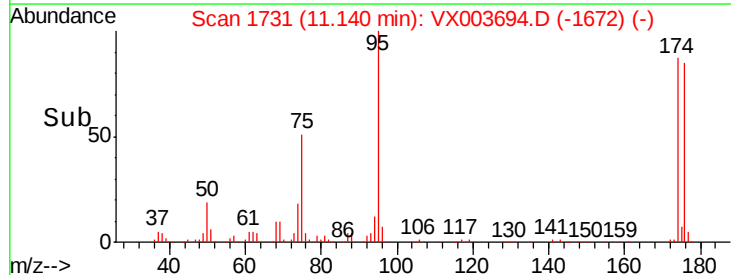
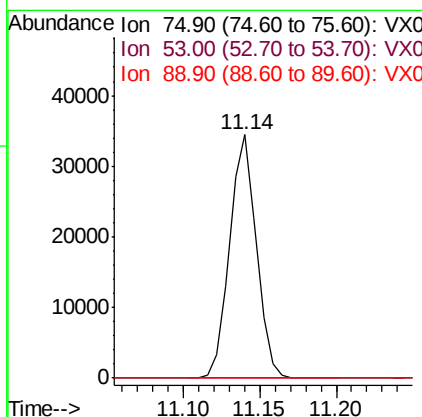
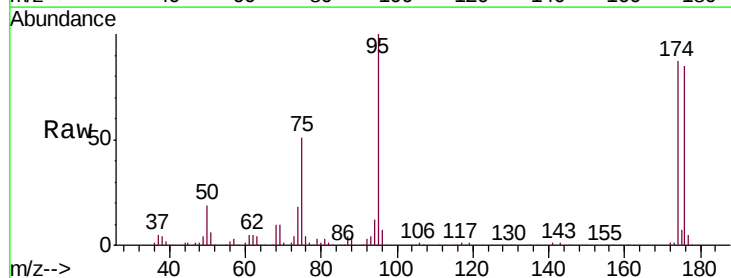
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0505

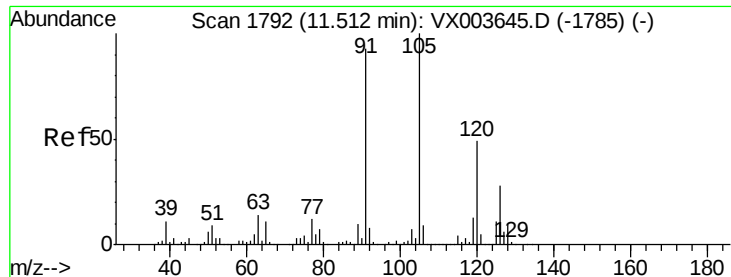
Tot Ion:105 Resp: 4604
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.77 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003694.D
 Acq: 27 Jul 2018 03:20

Tgt Ion: 75 Resp: 41656
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 36.6 54.8#

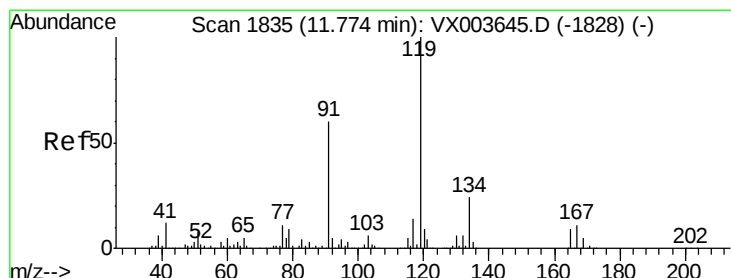
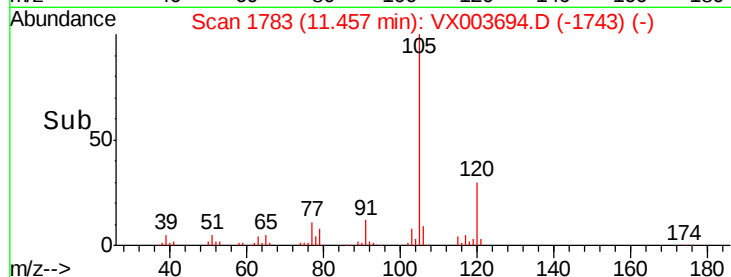
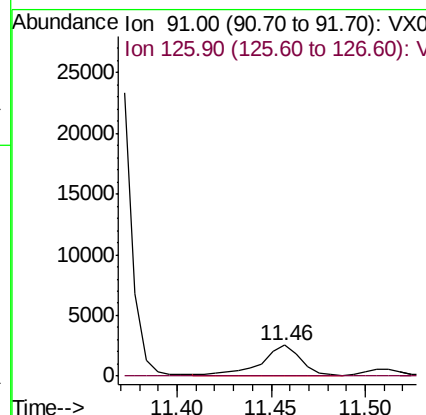
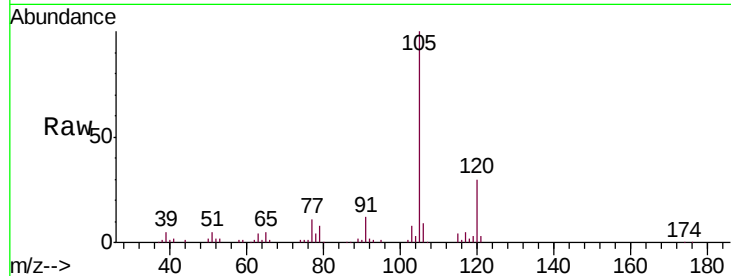




#82
4-Chlorotoluene
Concen: 0.84 ug/l
RT: 11.46 min Scan# 1783
Delta R.T. -0.05 min
Lab File: VX003694.D
Acq: 27 Jul 2018 03:20

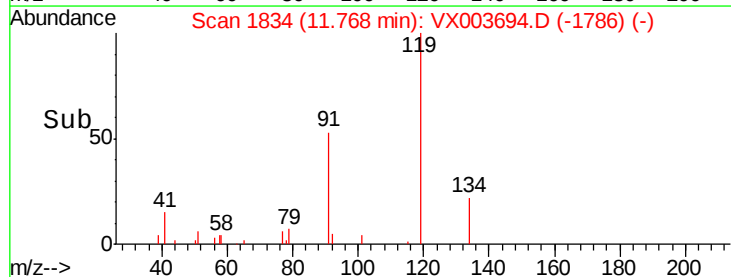
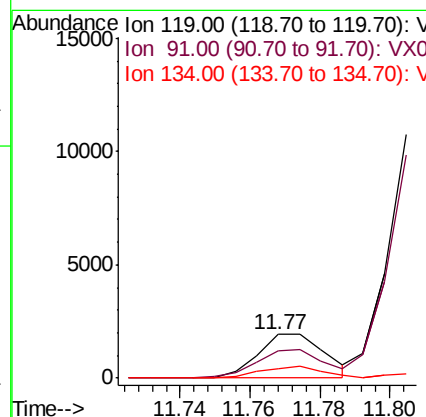
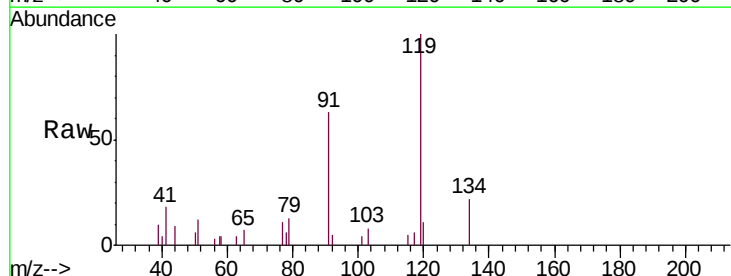
Instrument :
MSVOA_X
ClientSampled :
FL-0505

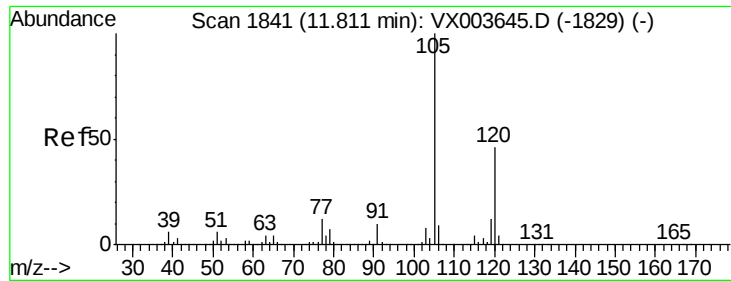
Tot Ion: 91 Resp: 3540
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.1#



#83
tert-Butylbenzene
Concen: 0.60 ug/l
RT: 11.77 min Scan# 1834
Delta R.T. -0.01 min
Lab File: VX003694.D
Acq: 27 Jul 2018 03:20

Tgt Ion: 119 Resp: 2541
Ion Ratio Lower Upper
119 100
91 67.5 28.4 85.2
134 24.9 11.6 34.8

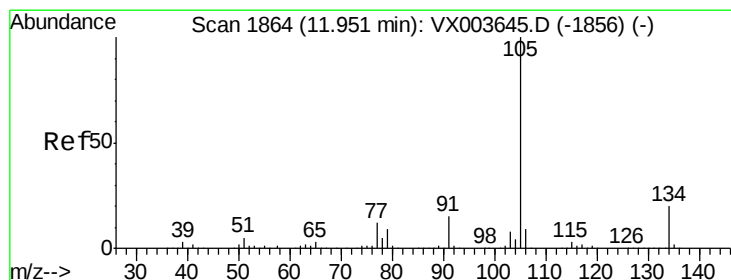
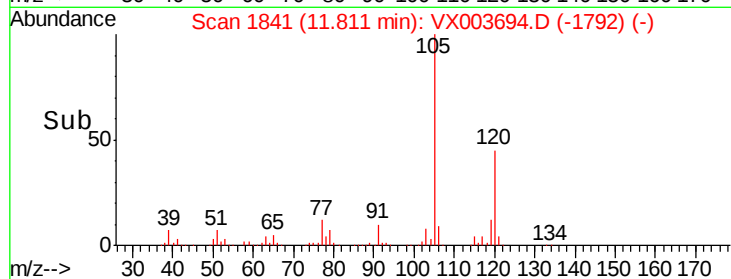
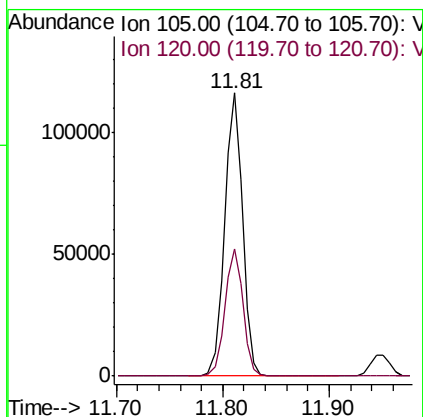
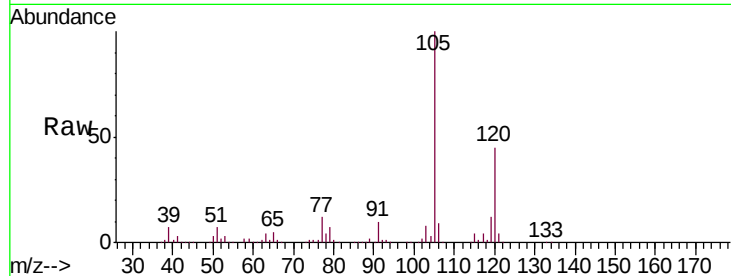




#84
 1,2,4-Trimethylbenzene
 Concen: 30.88 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003694.D
 Acq: 27 Jul 2018 03:20

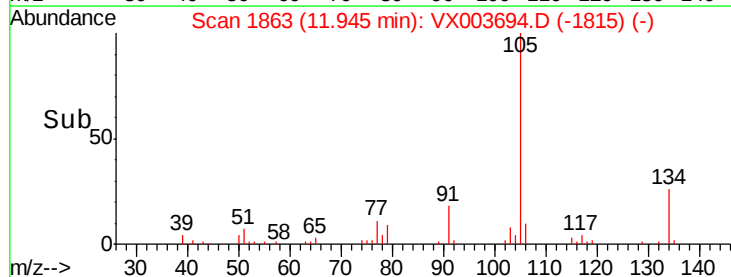
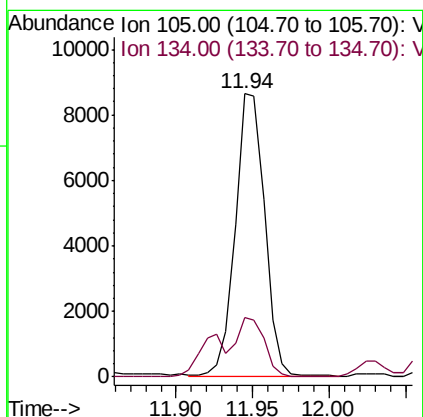
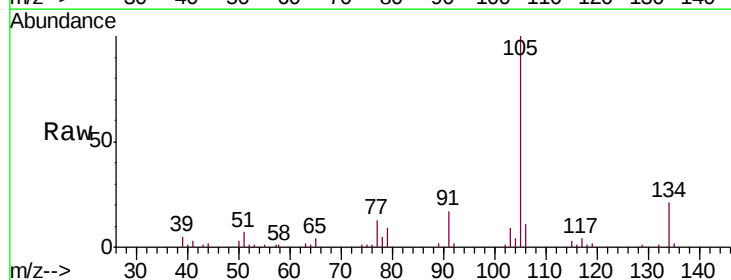
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0505

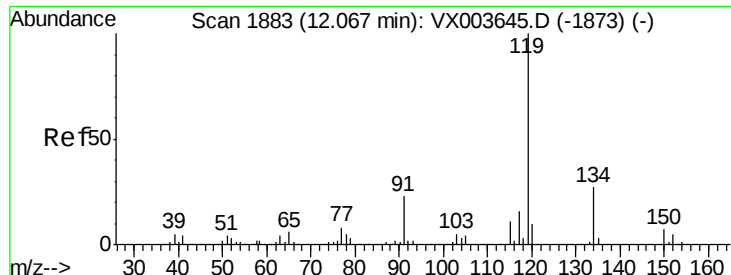
Tot Ion:105 Resp: 136401
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 2.31 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX003694.D
 Acq: 27 Jul 2018 03:20

Tgt Ion:105 Resp: 11596
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.1 30.1

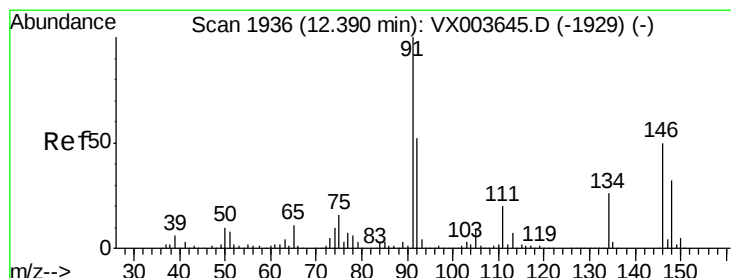
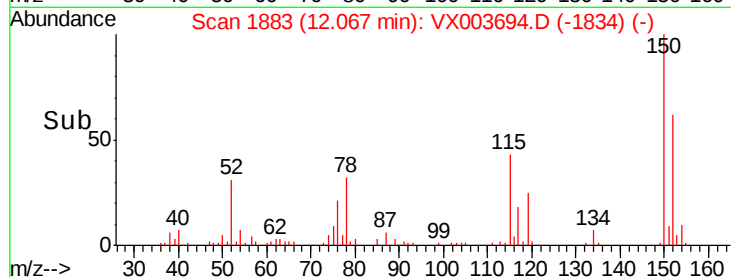
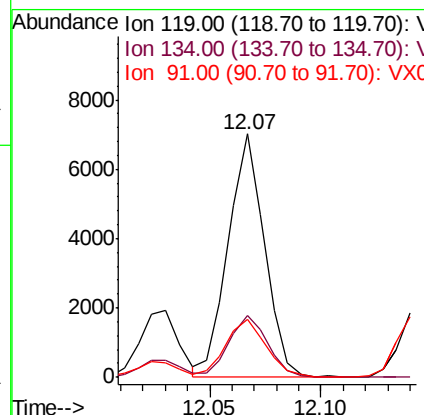
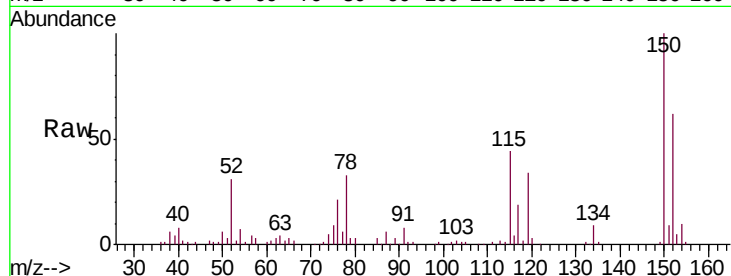




#86
p-Isopropyltoluene
Concen: 1.78 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003694.D
Acq: 27 Jul 2018 03:20

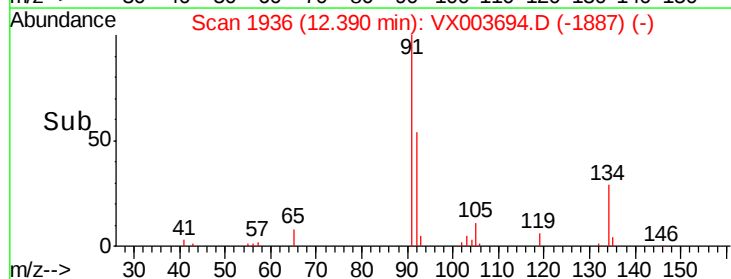
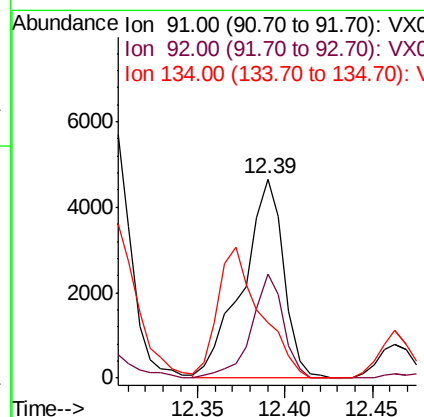
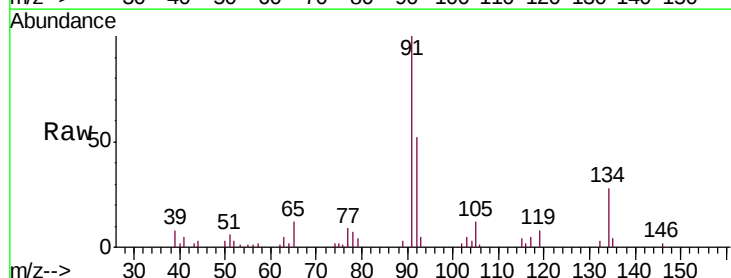
Instrument :
MSVOA_X
ClientSampleId :
FL-0505

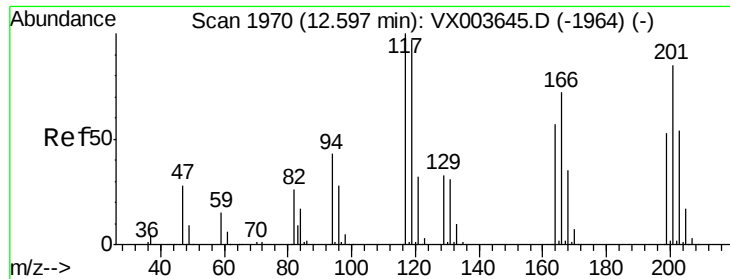
Tot Ion:119 Resp: 7997
Ion Ratio Lower Upper
119 100
134 27.0 13.3 39.9
91 26.6 11.5 34.5



#89
n-Butylbenzene
Concen: 1.87 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003694.D
Acq: 27 Jul 2018 03:20

Tgt Ion: 91 Resp: 7592
Ion Ratio Lower Upper
91 100
92 41.0 26.3 78.9
134 68.8 13.3 39.8#





#90

Hexachloroethane

Concen: 3.24 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX003694.D

Acq: 27 Jul 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

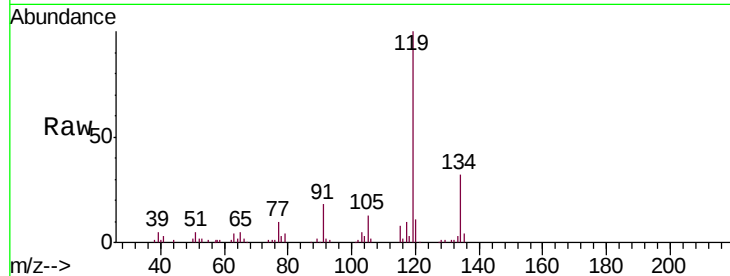
FL-0505

Tot Ion:117 Resp: 2209

Ion Ratio Lower Upper

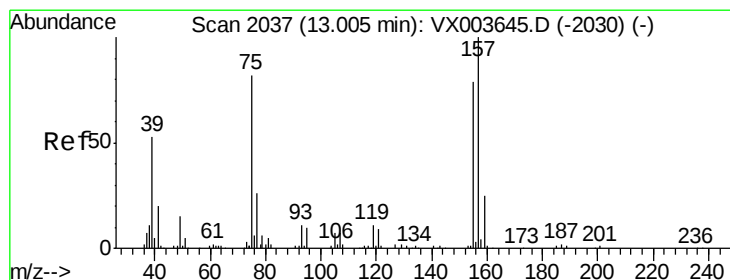
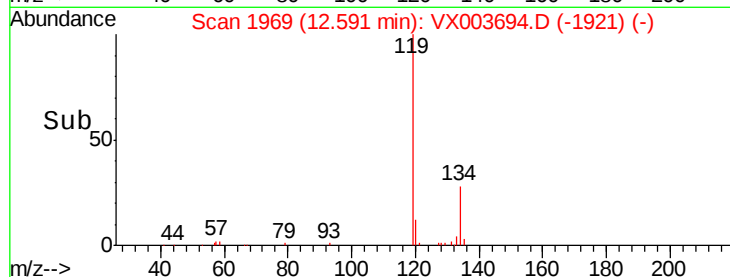
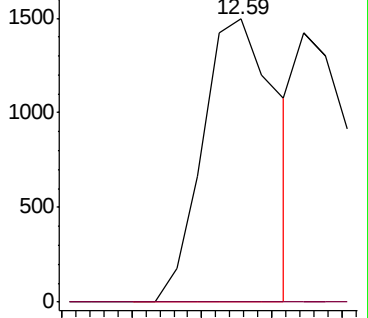
117 100

201 0.0 46.2 138.5#



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: 0.91 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.01 min

Lab File: VX003694.D

Acq: 27 Jul 2018 03:20

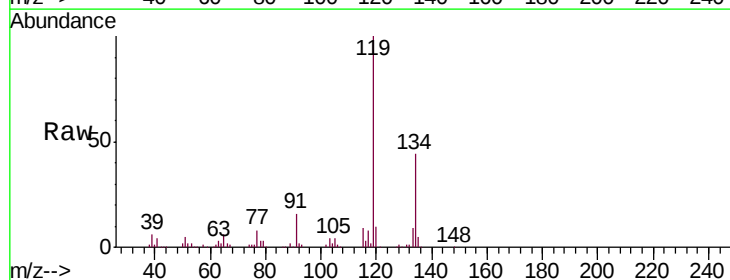
Tgt Ion: 75 Resp: 355

Ion Ratio Lower Upper

75 100

155 0.0 46.1 138.3#

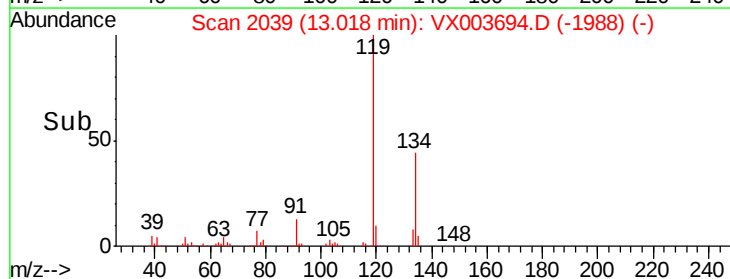
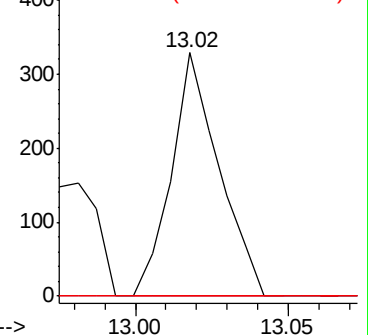
157 0.0 59.7 179.0#

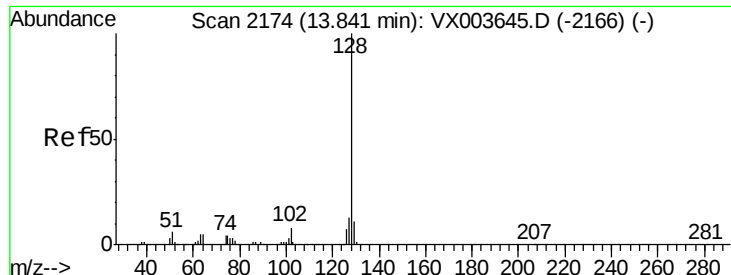


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

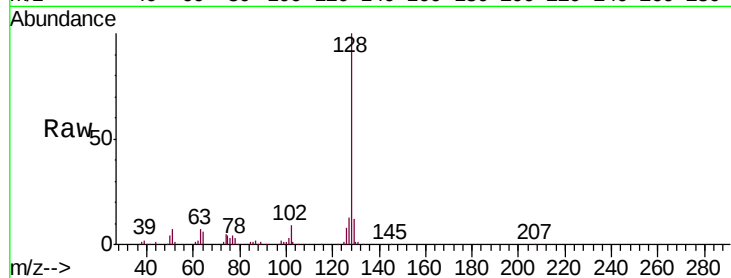




#95
Naphthalene
Concen: 6.25 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003694.D
Acq: 27 Jul 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
FL-0505

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	12.3	8.7	13.1



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

