

Data File : VU025912.D
Acq On : 07 Aug 2018 02:17
Operator : MD/SY
Sample : J4263-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0517

Quant Time: Aug 07 04:42:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	191227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	303806	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	296882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	195172	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	147108	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	4.89	113	124063	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
50) Toluene-d8	7.57	98	452000	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	10.31	95	174217	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	

Target Compounds

						Qvalue
3) Chloromethane	1.34	50	580	0.210	ug/l #	81
11) Tert butyl alcohol	2.83	59	2391	3.665	ug/l #	73
13) Acrolein	2.31	56	4758	18.256	ug/l	89
14) Allyl chloride	2.71	41	11790	3.195	ug/l #	69
15) Acrylonitrile	3.00	53	5346	4.105	ug/l #	42
16) Acetone	2.31	43	20214	13.915	ug/l #	70
17) Carbon Disulfide	2.48	76	1978	0.298	ug/l	100
18) Methyl Acetate	2.75	43	151315	43.278	ug/l #	52
20) Methylene Chloride	2.71	84	786	0.305	ug/l #	1
23) Vinyl Acetate	3.31	43	33430	5.276	ug/l #	55
25) 2-Butanone	4.22	43	1755	0.888	ug/l #	49
29) Tetrahydrofuran	4.74	42	494	0.417	ug/l #	1
31) Cyclohexane	5.00	56	288992	76.843	ug/l	98
36) 1,1-Dichloropropene	4.99	75	14018	3.948	ug/l #	74
37) Ethyl Acetate	4.22	43	1755	0.477	ug/l #	68
38) Carbon Tetrachloride	4.99	117	18308	4.553	ug/l #	16
39) Methylcyclohexane	6.42	83	313923	77.168	ug/l	98
40) Benzene	5.40	78	16938	1.632	ug/l	100
43) Isopropyl Acetate	5.55	43	2285	0.376	ug/l #	61
45) 1,2-Dichloropropane	6.42	63	3425	1.265	ug/l #	1
48) Methyl methacrylate	6.65	41	15449	5.181	ug/l #	54
51) 4-Methyl-2-Pentanone	7.47	43	881	0.231	ug/l #	70
55) 1,1,2-Trichloroethane	8.05	97	14549	5.430	ug/l #	18
56) Ethyl methacrylate	8.05	69	3947	1.031	ug/l #	8
58) 2-Chloroethyl Vinyl ether	6.90	63	65	7.113	ug/l #	47
59) 2-Hexanone	8.38	43	683	0.229	ug/l #	40
67) Ethyl Benzene	9.25	91	866270	68.324	ug/l	99
68) m/p-Xylenes	9.38	106	1109675	227.968	ug/l	99
69) o-Xylene	9.78	106	104213	21.906	ug/l	98
70) Styrene	9.78	104	5960	0.776	ug/l #	1
73) Isopropylbenzene	10.17	105	91151	6.843	ug/l	99
76) 1,2,3-Trichloropropane	10.31	75	92933	21.611	ug/l #	34
78) n-propylbenzene	10.59	91	101599	6.535	ug/l	100
79) 2-Chlorotoluene	10.69	91	99335	10.908	ug/l #	40

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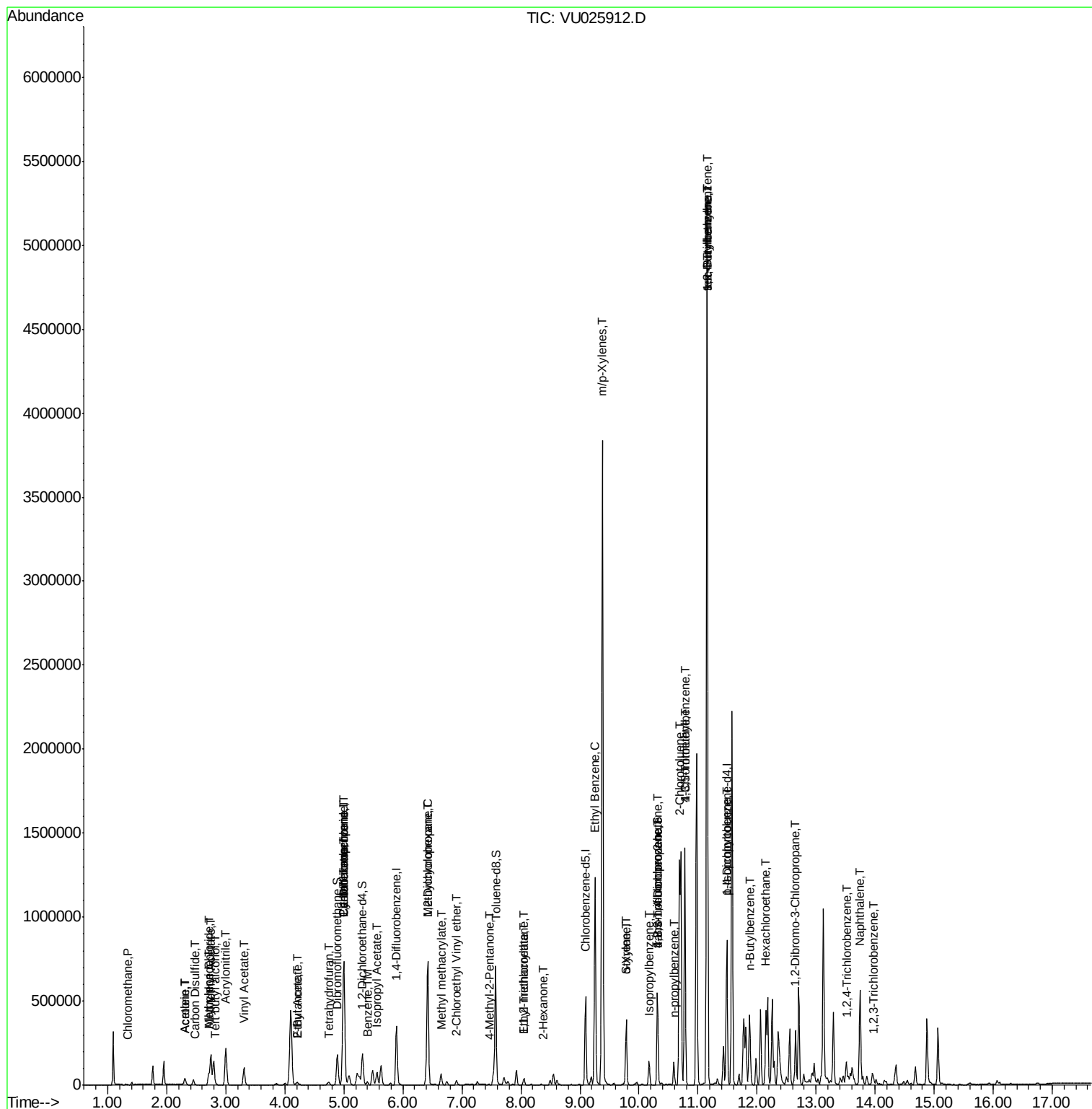
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	10.78	105	759315	67.118	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.31	75	92933	54.189	ug/l #	100
82) 4-Chlorotoluene	10.78	91	81465	7.589	ug/l #	45
83) tert-Butylbenzene	11.15	119	344930	30.687	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.15	105	2829337	246.797	ug/l	98
85) sec-Butylbenzene	11.15	105	2829337	206.168	ug/l #	56
86) p-Isopropyltoluene	11.48	119	84645	6.888	ug/l	100
89) n-Butylbenzene	11.88	91	54072	4.768	ug/l #	1
90) Hexachloroethane	12.15	117	21774	9.966	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.65	75	1615	1.479	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.51	180	1521	0.337	ug/l #	1
95) Naphthalene	13.74	128	446976	31.322	ug/l	98
96) 1,2,3-Trichlorobenzene	13.99	180	1324	0.294	ug/l #	85

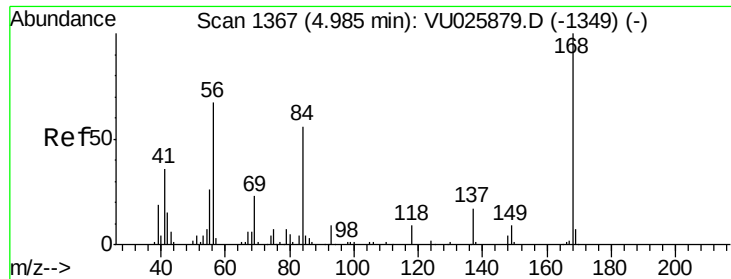
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025912.D

Acq: 07 Aug 2018 02:17

Instrument :

MSVOA_U

ClientSampleId :

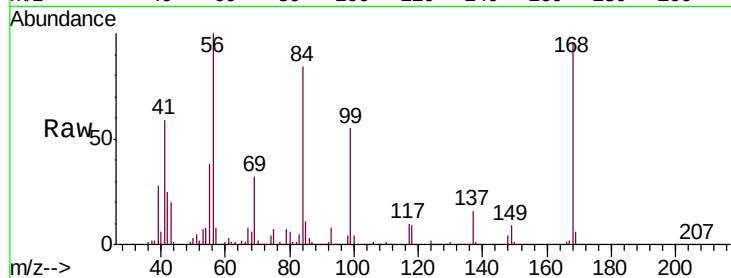
FL-0517

Tgt Ion:168 Resp: 191227

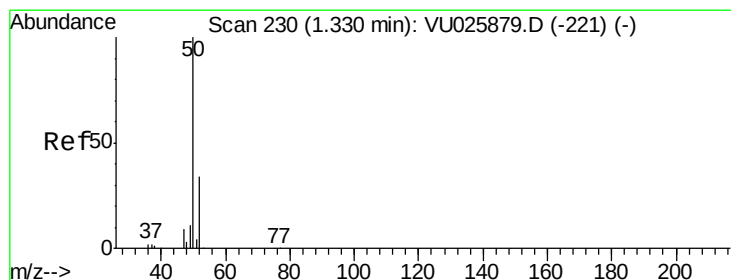
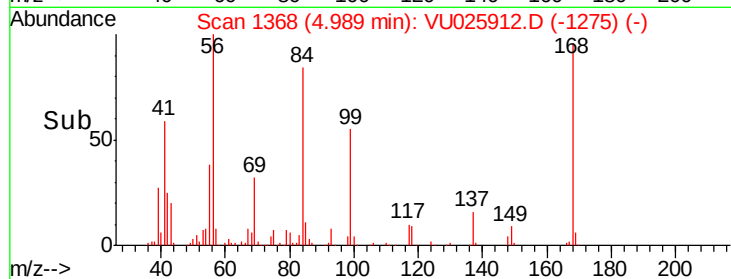
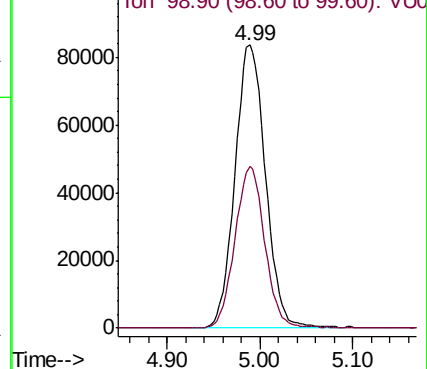
Ion Ratio Lower Upper

168 100

99 57.1 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025879.D (-1349) (-)



#3

Chloromethane

Concen: 0.210 ug/l

RT: 1.34 min Scan# 232

Delta R.T. 0.01 min

Lab File: VU025912.D

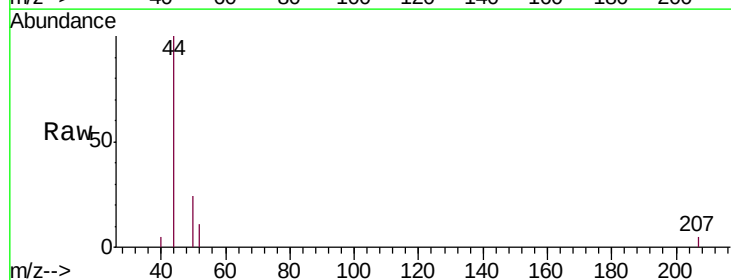
Acq: 07 Aug 2018 02:17

Tgt Ion: 50 Resp: 580

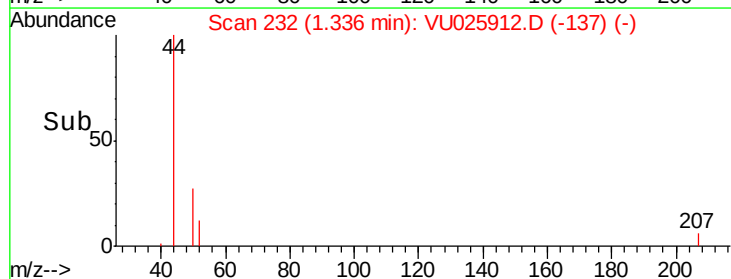
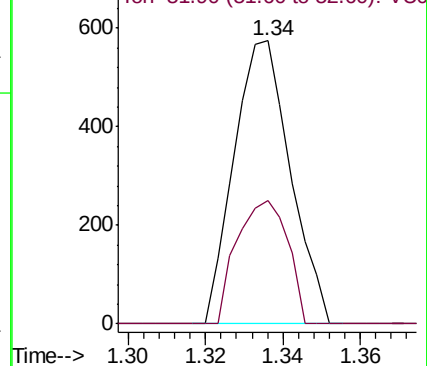
Ion Ratio Lower Upper

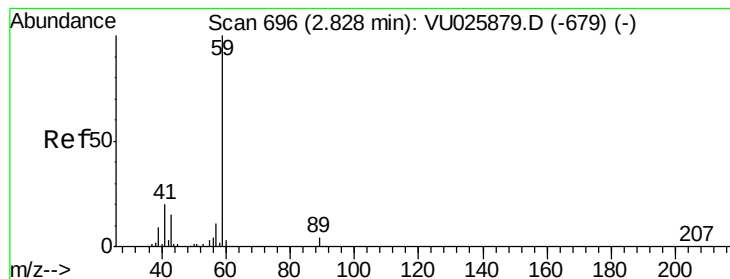
50 100

52 43.7 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VU025879.D (-221) (-)





#11

Tert butyl alcohol

Concen: 3.665 ug/l

RT: 2.83 min Scan# 698

Delta R.T. 0.01 min

Lab File: VU025912.D

Acq: 07 Aug 2018 02:17

Instrument :

MSVOA_U

ClientSampleId :

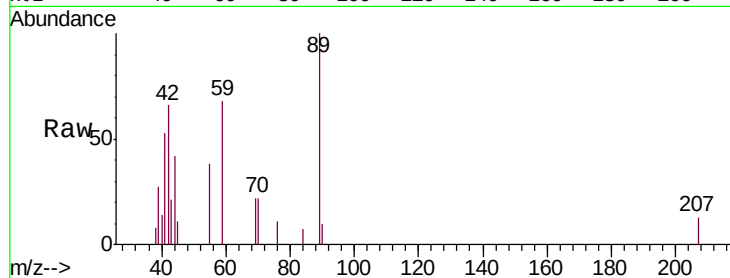
FL-0517

Tgt Ion: 59 Resp: 2391

Ion Ratio Lower Upper

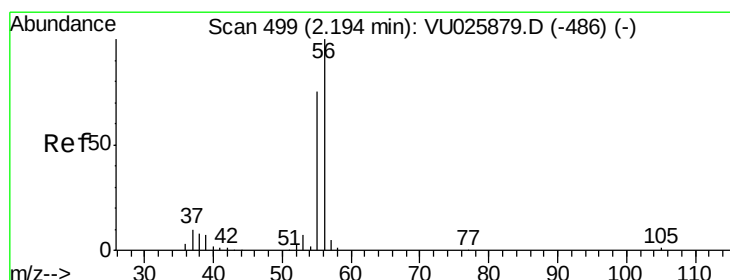
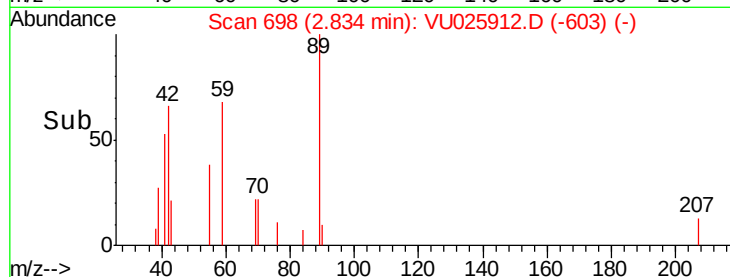
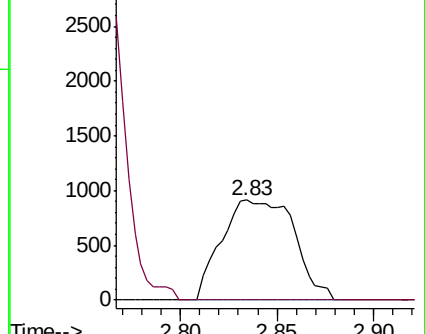
59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VU025912.D (-603) (-)

Ion 57.00 (56.70 to 57.70): VU025912.D (-603) (-)



#13

Acrolein

Concen: 18.256 ug/l

RT: 2.31 min Scan# 534

Delta R.T. 0.11 min

Lab File: VU025912.D

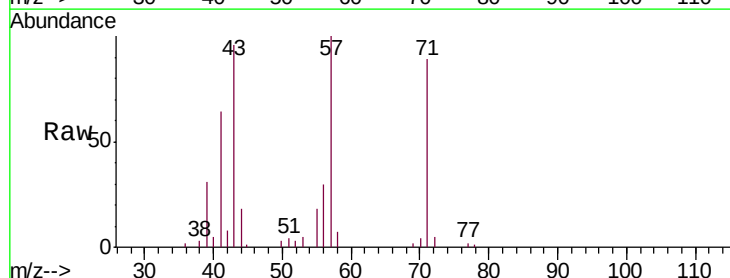
Acq: 07 Aug 2018 02:17

Tgt Ion: 56 Resp: 4758

Ion Ratio Lower Upper

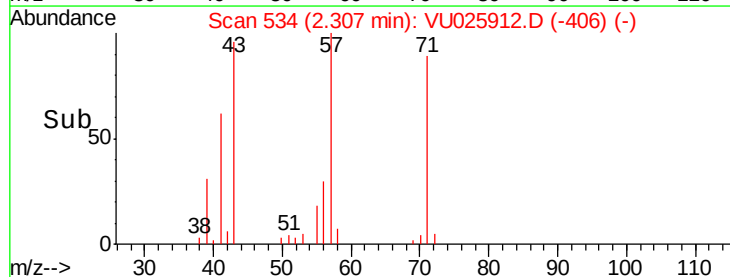
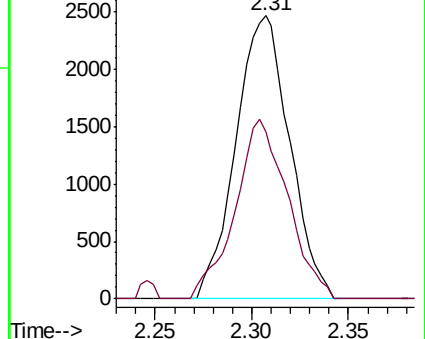
56 100

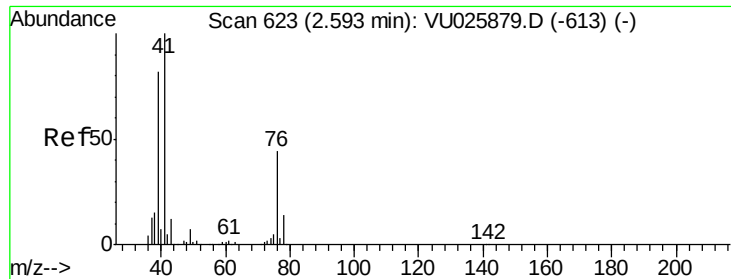
55 62.0 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VU025912.D (-406) (-)

Ion 55.00 (54.70 to 55.70): VU025912.D (-406) (-)

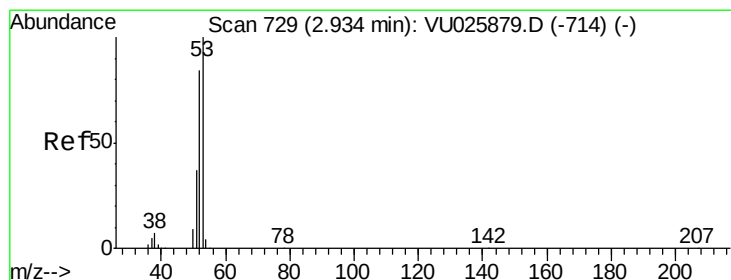
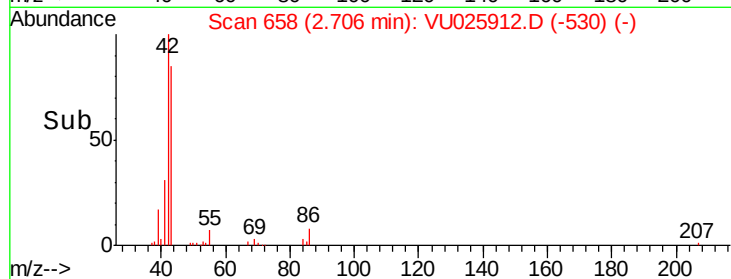
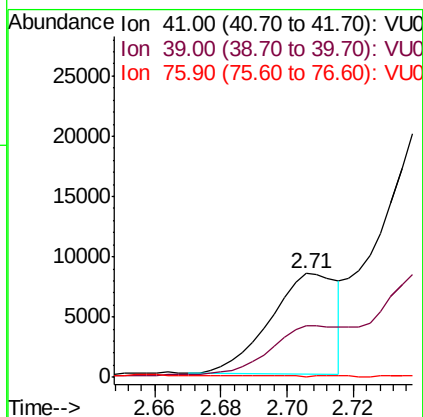
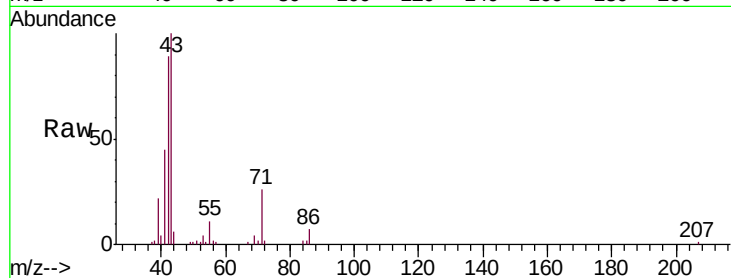




#14
 Allyl chloride
 Concen: 3.195 ug/l
 RT: 2.71 min Scan# 658
 Delta R.T. 0.11 min
 Lab File: VU025912.D
 Acq: 07 Aug 2018 02:17

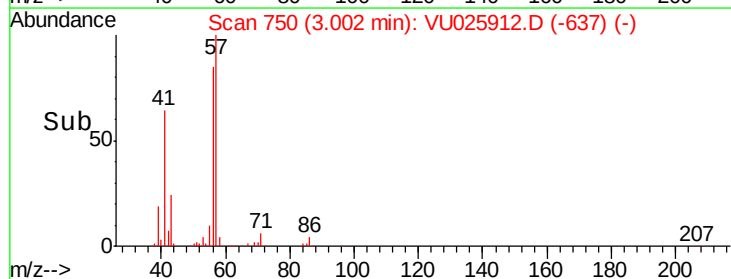
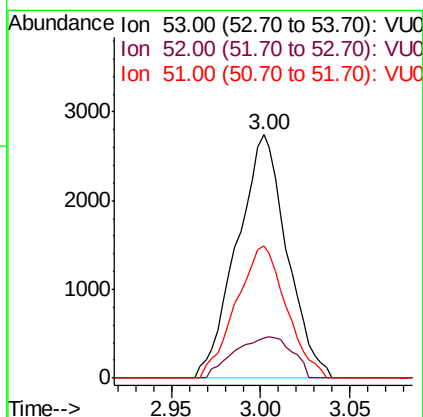
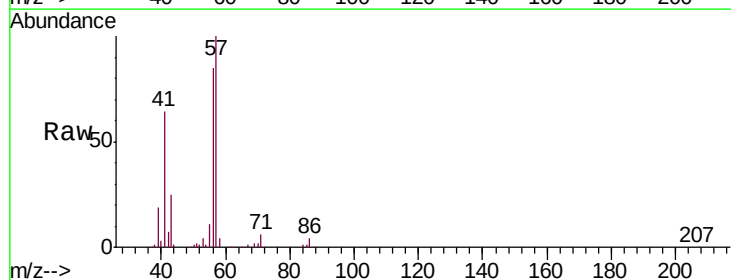
Instrument :
 MSVOA_U
 ClientSampled :
 FL-0517

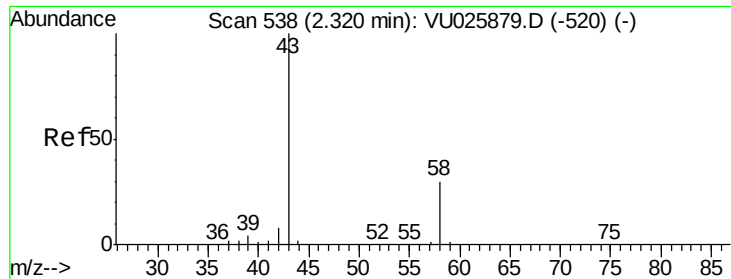
Tgt Ion: 41 Resp: 11790
 Ion Ratio Lower Upper
 41 100
 39 62.2 60.6 91.0
 76 0.8 30.5 45.7#



#15
 Acrylonitrile
 Concen: 4.105 ug/l
 RT: 3.00 min Scan# 750
 Delta R.T. 0.06 min
 Lab File: VU025912.D
 Acq: 07 Aug 2018 02:17

Tgt Ion: 53 Resp: 5346
 Ion Ratio Lower Upper
 53 100
 52 19.7 66.6 99.8#
 51 54.7 29.4 44.2#





#16

Acetone

Concen: 13.915 ug/l

RT: 2.31 min Scan# 536

Delta R.T. -0.01 min

Lab File: VU025912.D

Acq: 07 Aug 2018 02:17

Instrument :

MSVOA_U

ClientSampleId :

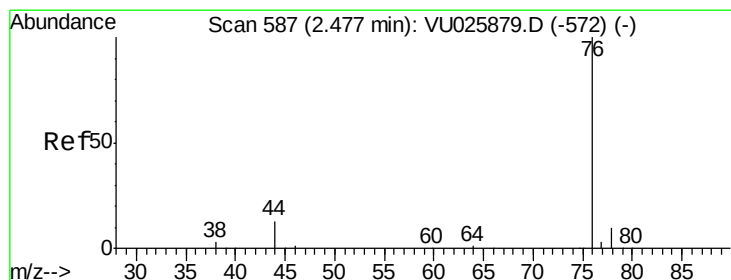
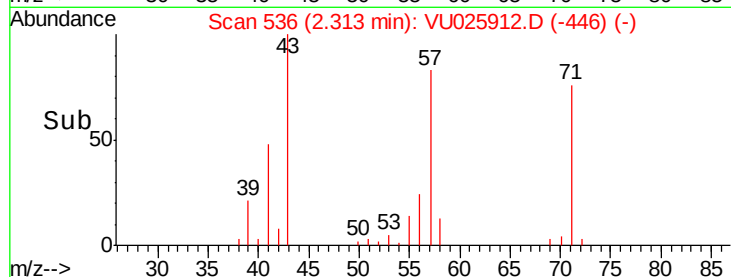
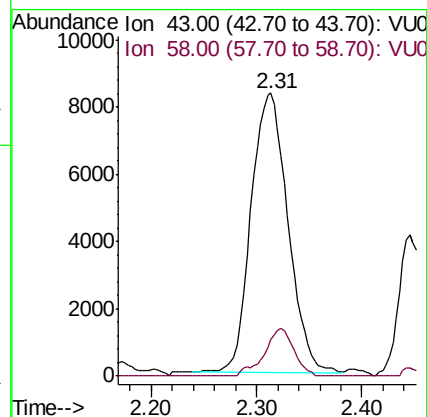
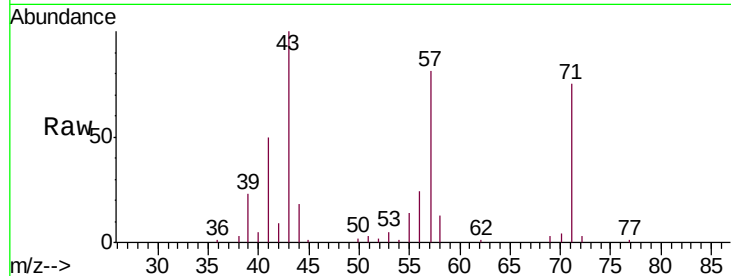
FL-0517

Tgt Ion: 43 Resp: 20214

Ion Ratio Lower Upper

43 100

58 12.9 23.1 34.7#



#17

Carbon Disulfide

Concen: 0.298 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025912.D

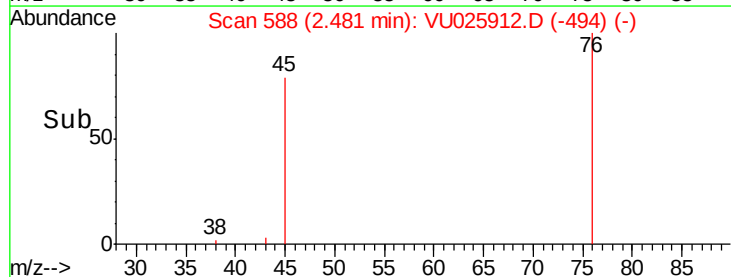
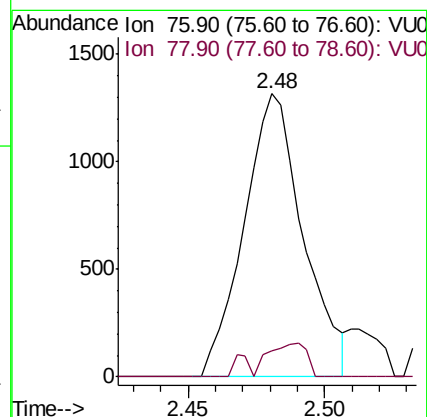
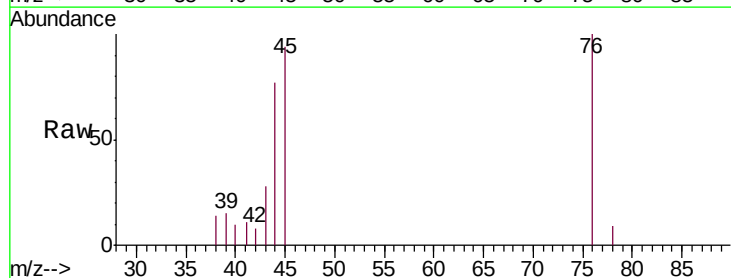
Acq: 07 Aug 2018 02:17

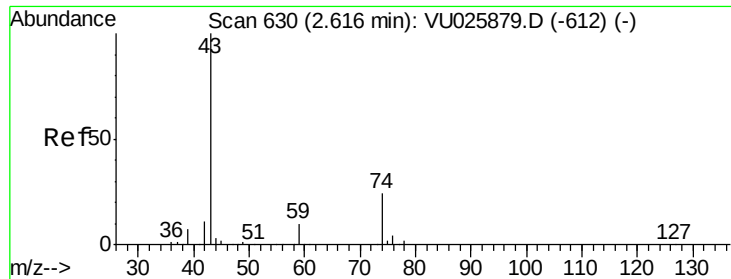
Tgt Ion: 76 Resp: 1978

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

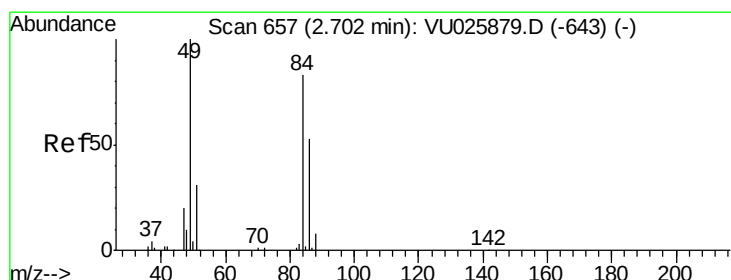
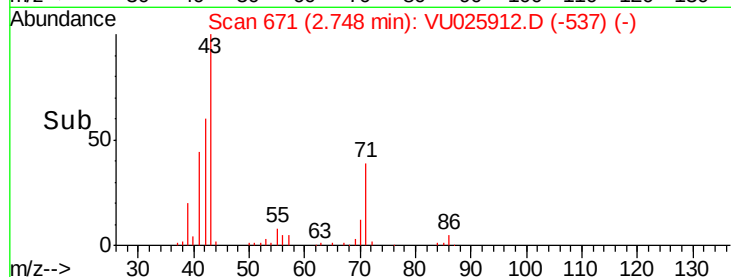
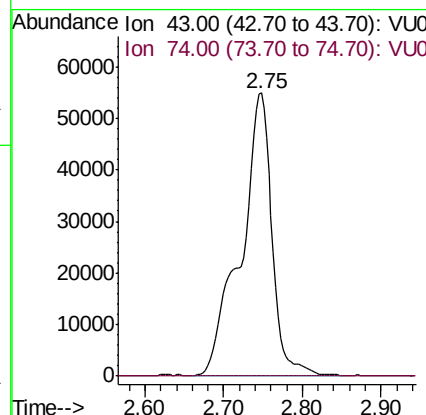
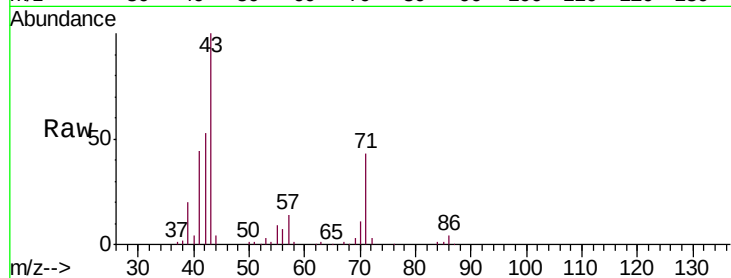




#18
Methyl Acetate
Concen: 43.278 ug/l
RT: 2.75 min Scan# 671
Delta R.T. 0.13 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

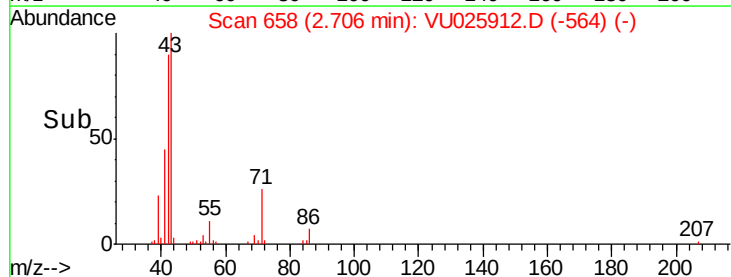
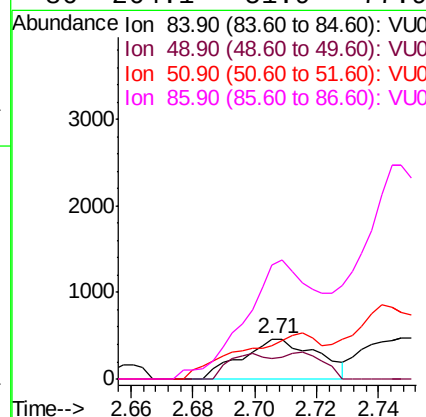
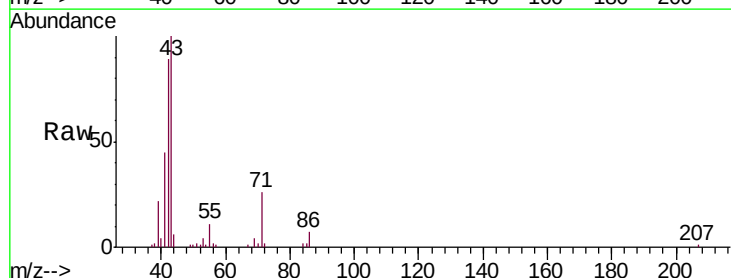
Instrument :
MSVOA_U
ClientSampleId :
FL-0517

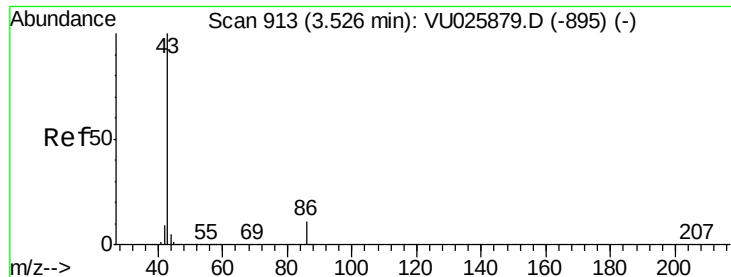
Tgt Ion: 43 Resp: 151315
Ion Ratio Lower Upper
43 100
74 0.0 18.5 27.7#



#20
Methylene Chloride
Concen: 0.305 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion: 84 Resp: 786
Ion Ratio Lower Upper
84 100
49 50.0 101.8 152.6#
51 60.4 30.8 46.2#
86 264.1 51.9 77.9#





#23

Vinyl Acetate

Concen: 5.276 ug/l

RT: 3.31 min Scan# 845

Delta R.T. -0.22 min

Lab File: VU025912.D

Acq: 07 Aug 2018 02:17

Instrument :

MSVOA_U

ClientSampleId :

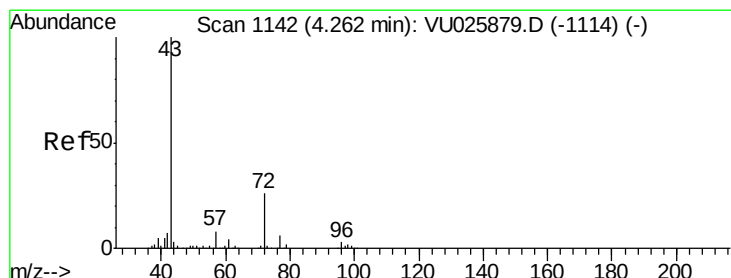
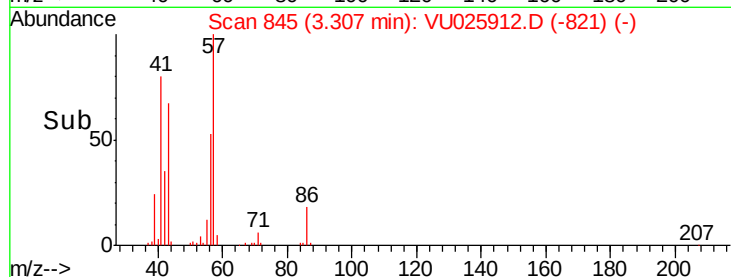
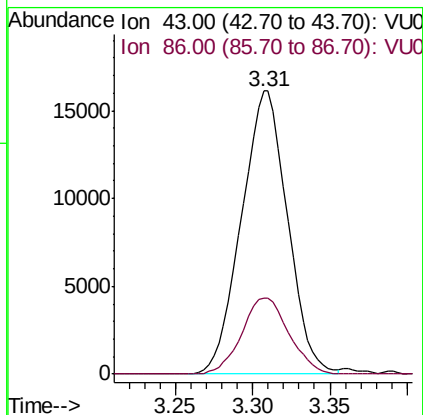
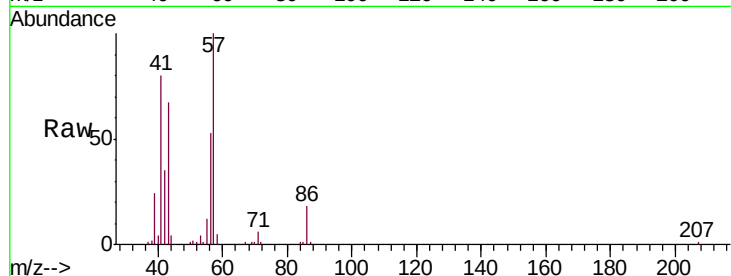
FL-0517

Tgt Ion: 43 Resp: 33430

Ion Ratio Lower Upper

43 100

86 26.9 8.2 12.2#



#25

2-Butanone

Concen: 0.888 ug/l

RT: 4.22 min Scan# 1129

Delta R.T. -0.04 min

Lab File: VU025912.D

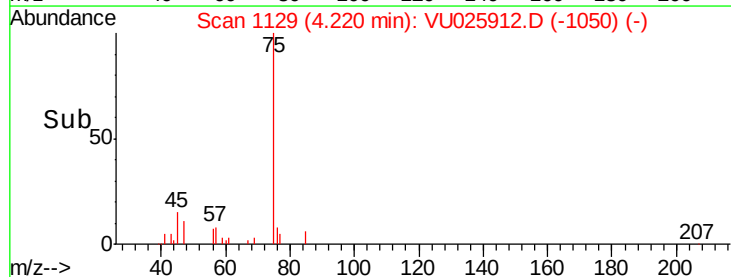
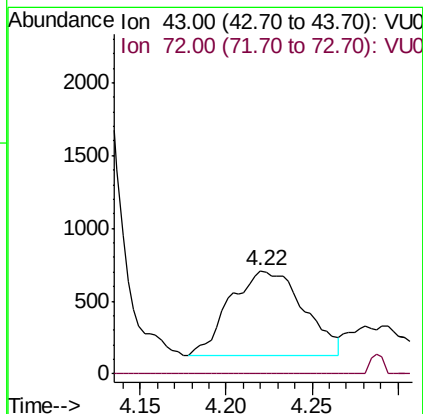
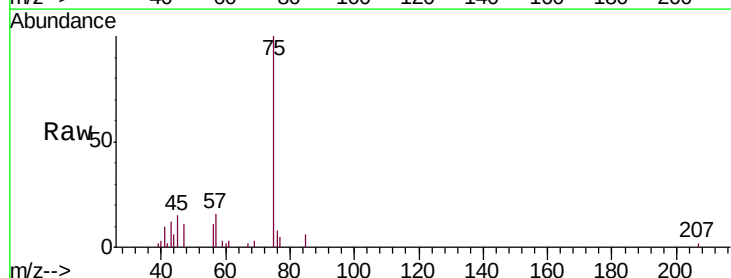
Acq: 07 Aug 2018 02:17

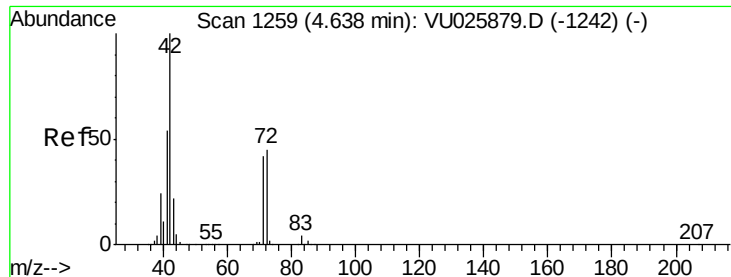
Tgt Ion: 43 Resp: 1755

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#





#29

Tetrahydrofuran

Concen: 0.417 ug/l

RT: 4.74 min Scan# 1291

Delta R.T. 0.10 min

Lab File: VU025912.D

Acq: 07 Aug 2018 02:17

Instrument :

MSVOA_U

ClientSampleId :

FL-0517

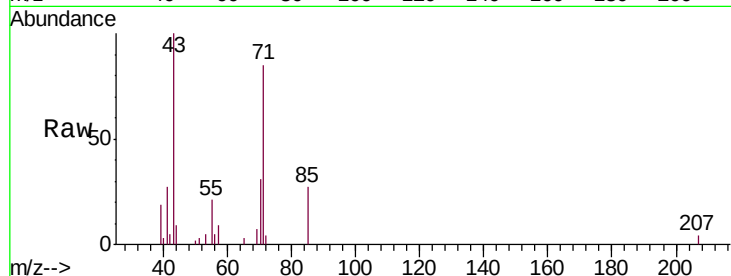
Tgt Ion: 42 Resp: 494

Ion Ratio Lower Upper

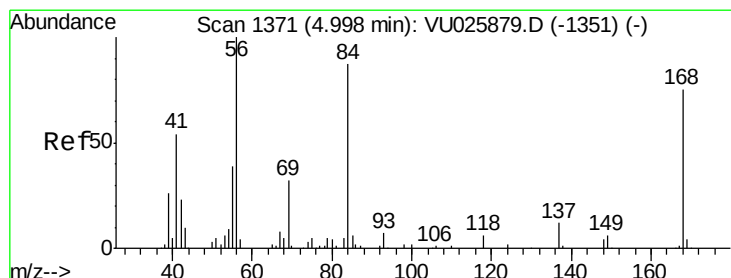
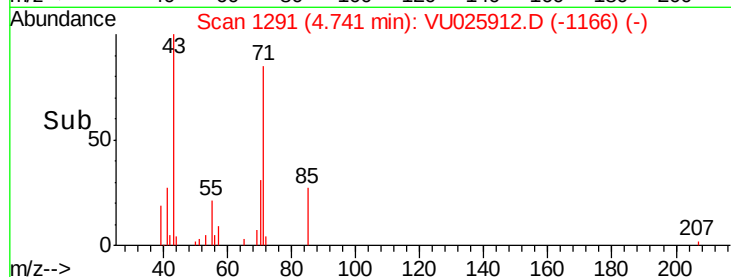
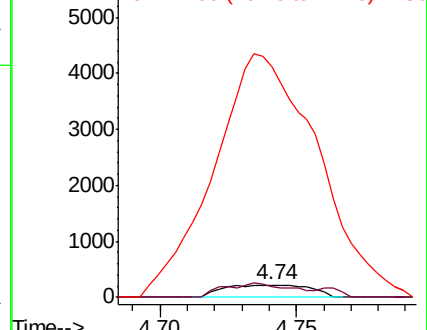
42 100

72 90.9 36.7 55.1#

71 2341.5 33.9 50.9#



Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0



#31

Cyclohexane

Concen: 76.843 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025912.D

Acq: 07 Aug 2018 02:17

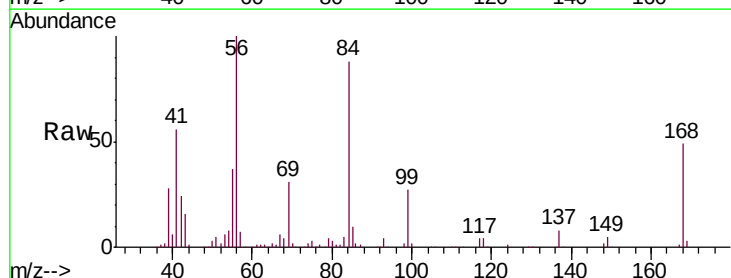
Tgt Ion: 56 Resp: 288992

Ion Ratio Lower Upper

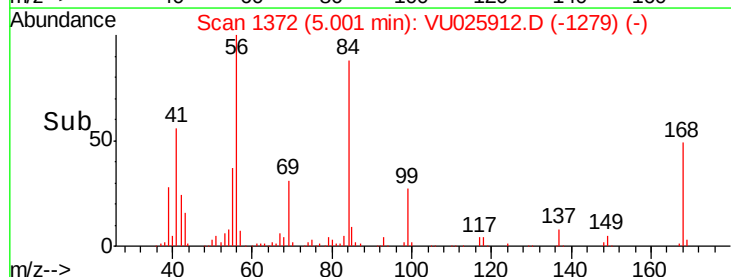
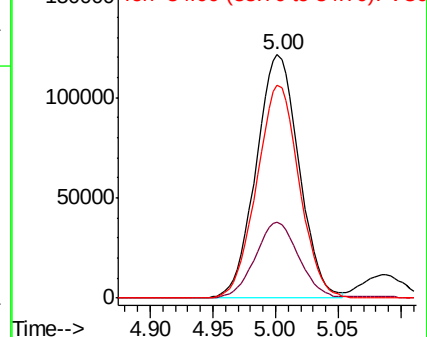
56 100

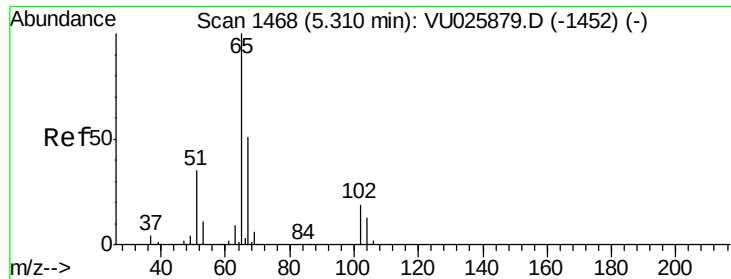
69 31.0 26.8 40.2

84 87.6 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

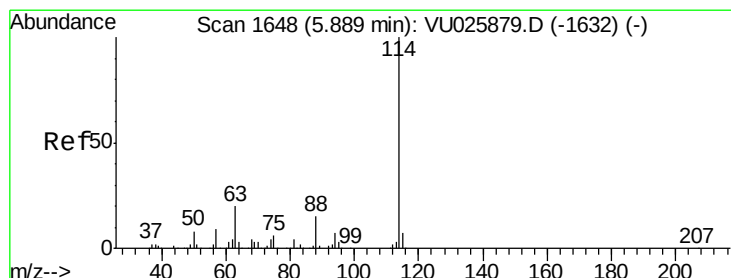
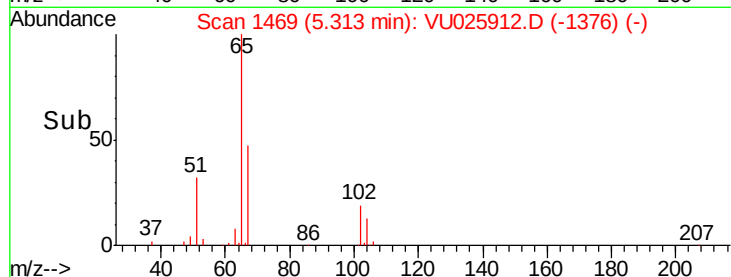
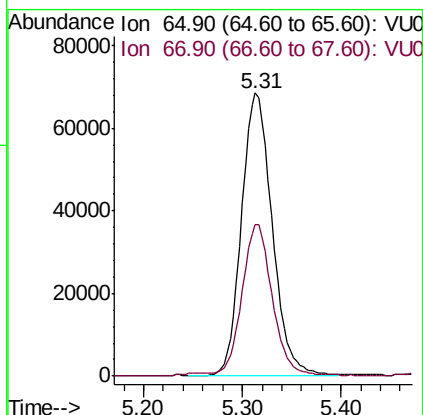
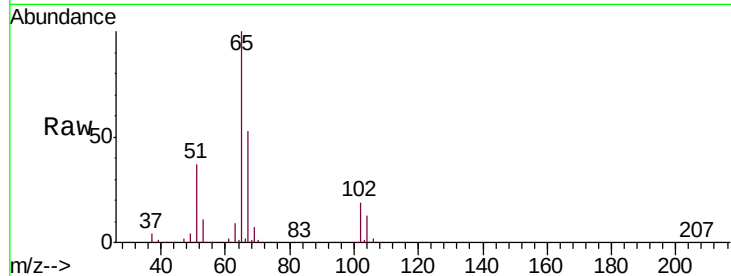




#33
 1,2-Dichloroethane-d4
 Concen: 49.373 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025912.D
 Acq: 07 Aug 2018 02:17

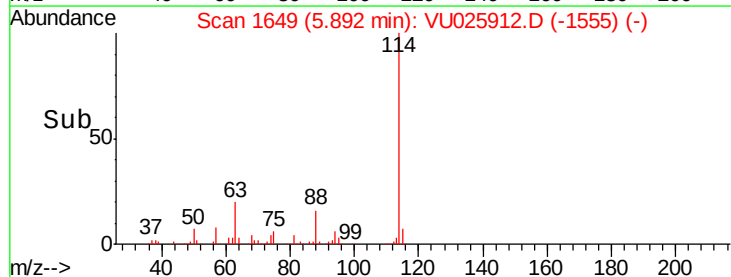
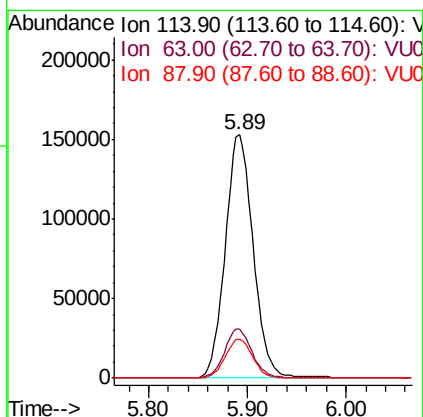
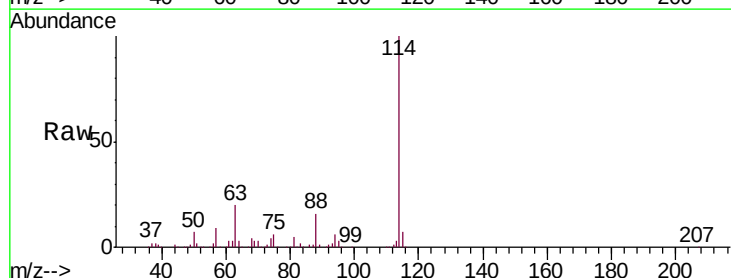
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0517

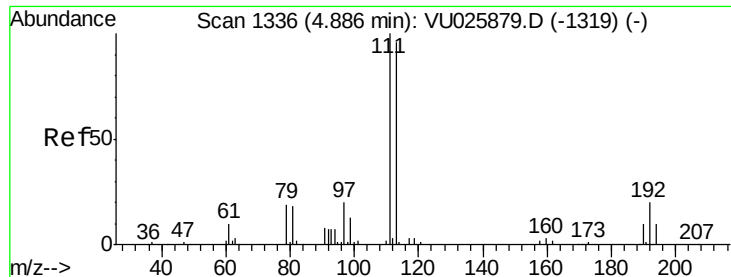
Tgt Ion: 65 Resp: 147108
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025912.D
 Acq: 07 Aug 2018 02:17

Tgt Ion: 114 Resp: 303806
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.6
 88 16.1 0.0 32.4

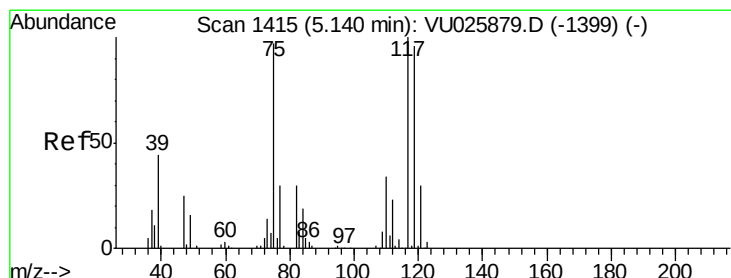
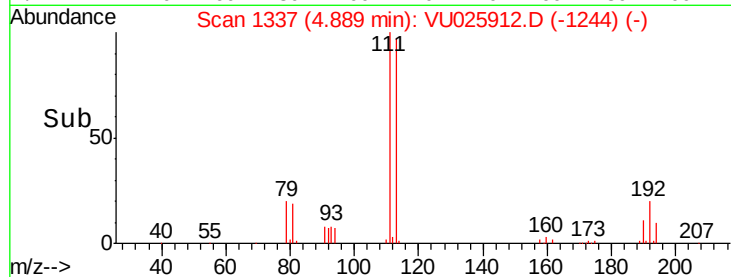
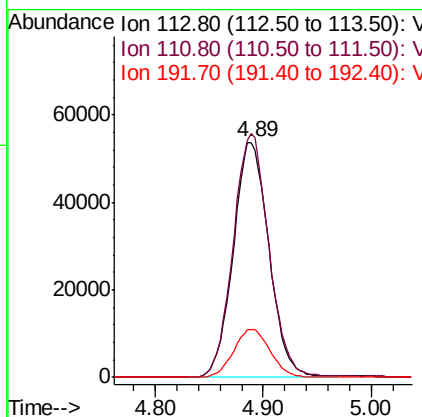
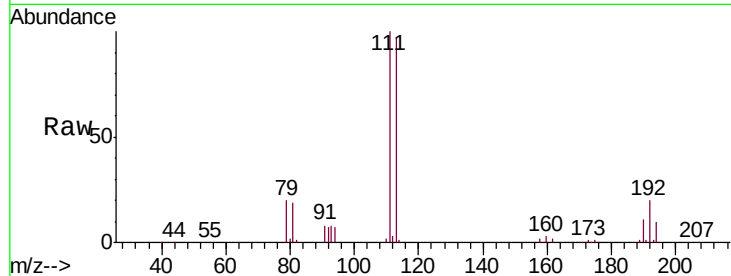




#35
 Dibromofluoromethane
 Concen: 46.952 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025912.D
 Acq: 07 Aug 2018 02:17

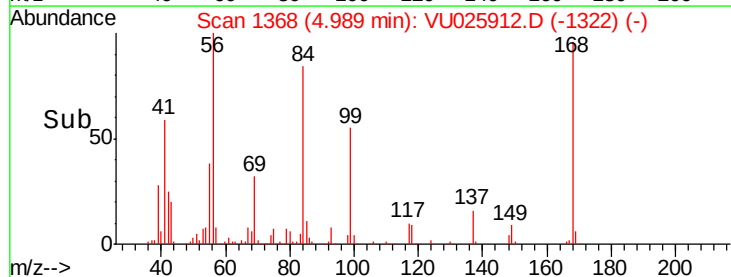
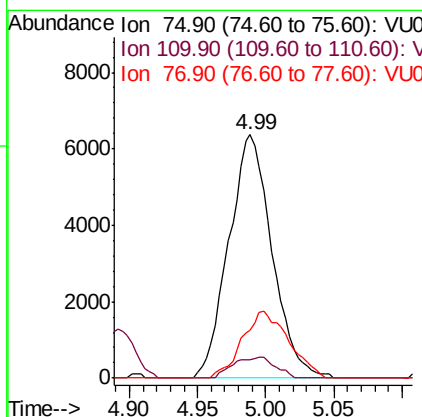
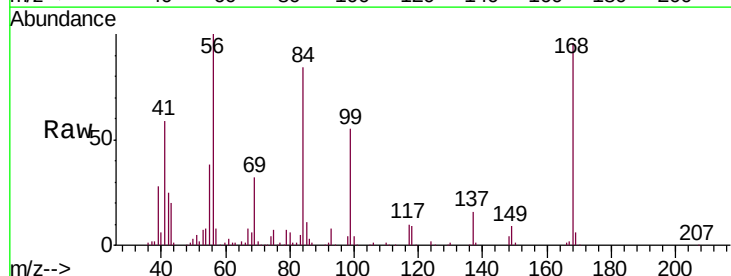
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0517

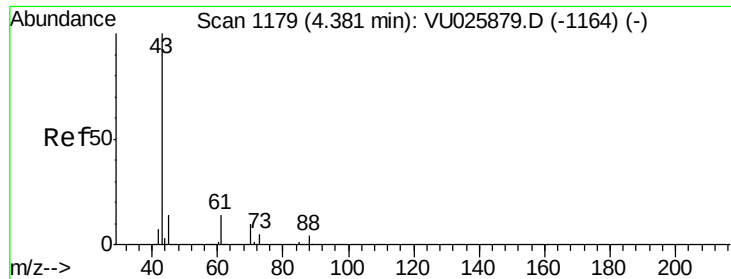
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.7	122.5
192	20.9	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 3.948 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025912.D
 Acq: 07 Aug 2018 02:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.6	52.9#
77	29.5	24.4	36.6

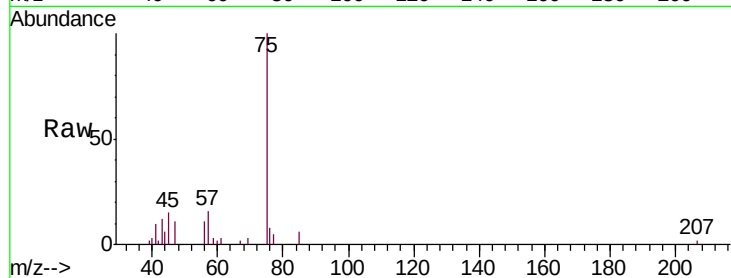




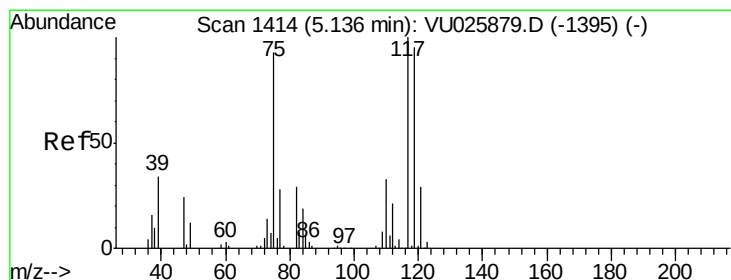
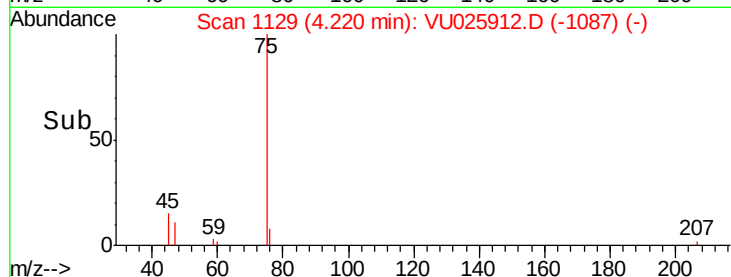
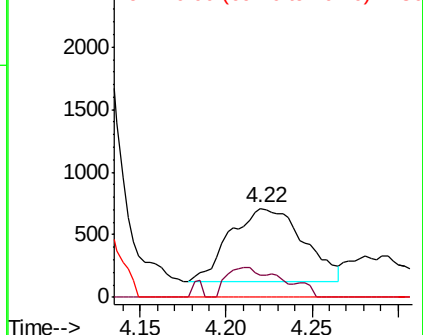
#37
Ethyl Acetate
Concen: 0.477 ug/l
RT: 4.22 min Scan# 1129
Delta R.T. -0.16 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Instrument :
MSVOA_U
ClientSampleId :
FL-0517

Tgt Ion: 43 Resp: 1755
Ion Ratio Lower Upper
43 100
61 27.7 10.7 16.1#
70 0.0 8.4 12.6#

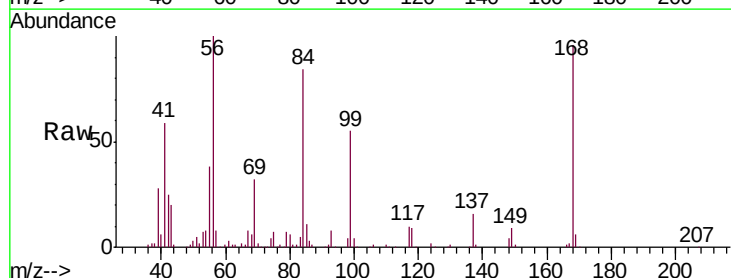


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

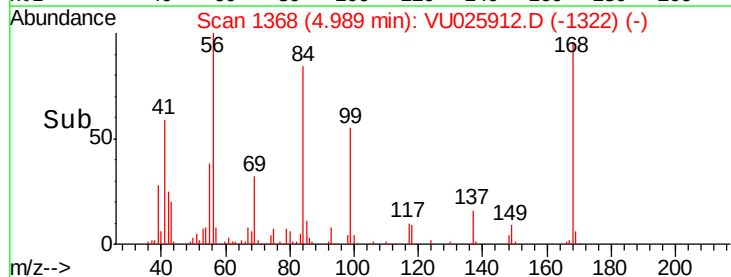
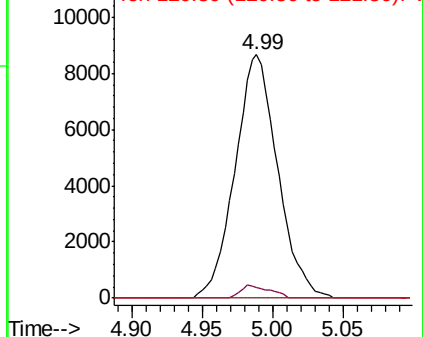


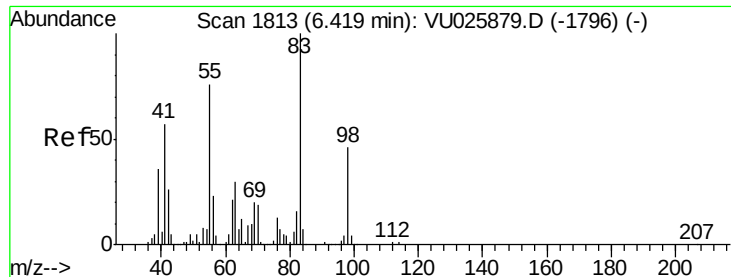
#38
Carbon Tetrachloride
Concen: 4.553 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion: 117 Resp: 18308
Ion Ratio Lower Upper
117 100
119 4.3 75.7 113.5#
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

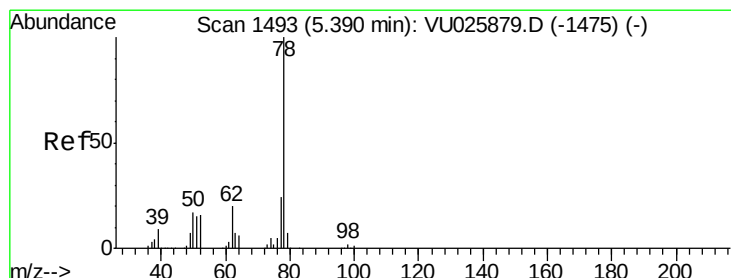
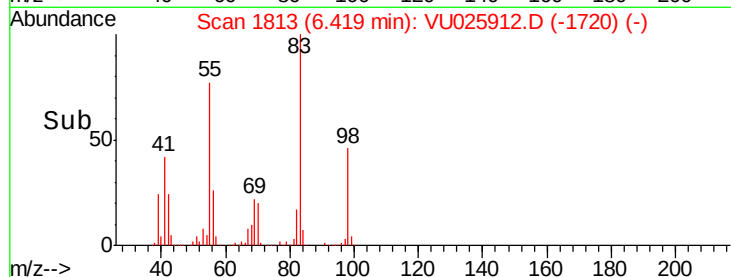
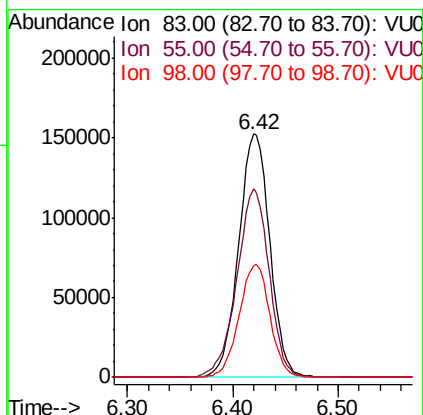
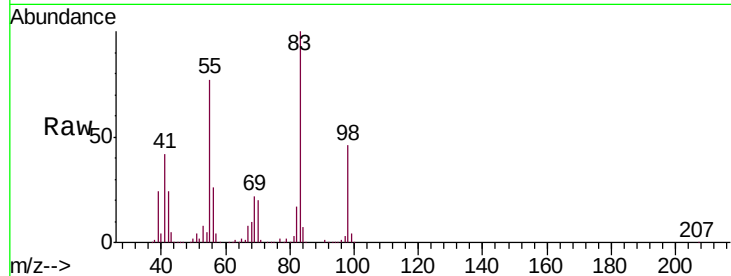




#39
Methylcyclohexane
Concen: 77.168 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

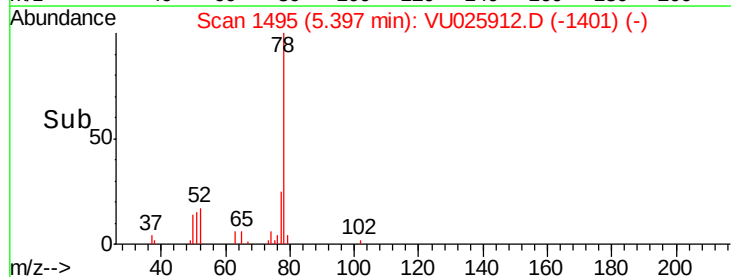
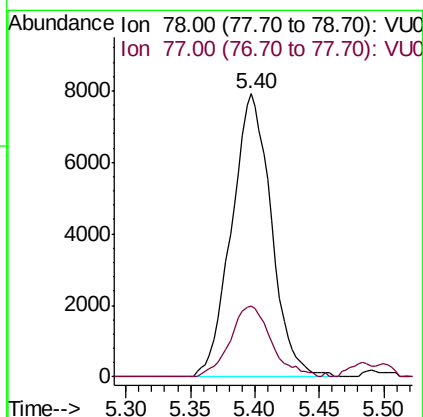
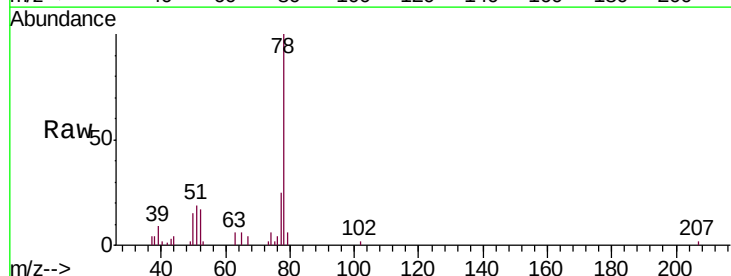
Instrument :
MSVOA_U
ClientSampleId :
FL-0517

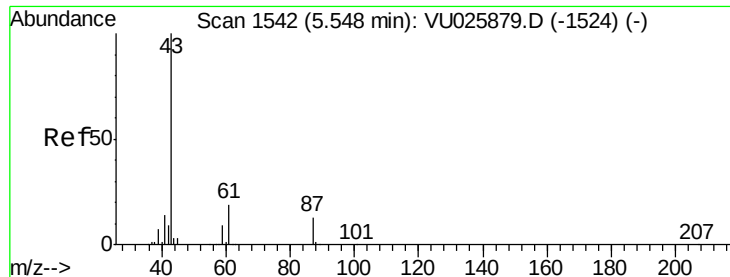
Tgt Ion: 83 Resp: 313923
Ion Ratio Lower Upper
83 100
55 77.2 60.0 90.0
98 45.8 36.1 54.1



#40
Benzene
Concen: 1.632 ug/l
RT: 5.40 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion: 78 Resp: 16938
Ion Ratio Lower Upper
78 100
77 24.8 19.8 29.6





#43

Isopropyl Acetate

Concen: 0.376 ug/l

RT: 5.55 min Scan# 1544

Delta R.T. 0.00 min

Lab File: VU025912.D

Acq: 07 Aug 2018 02:17

Instrument :

MSVOA_U

ClientSampleId :

FL-0517

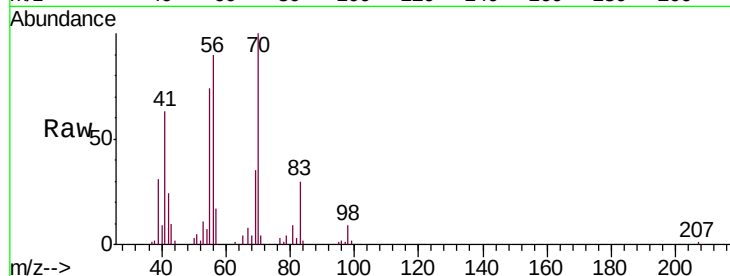
Tgt Ion: 43 Resp: 2285

Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

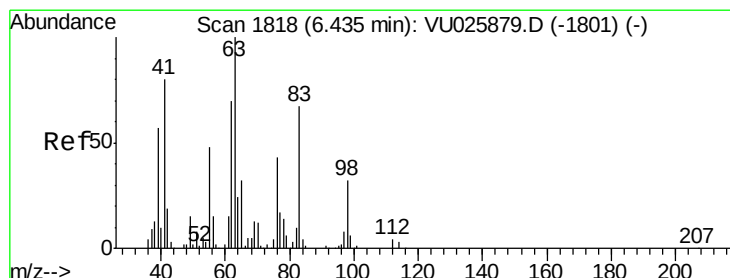
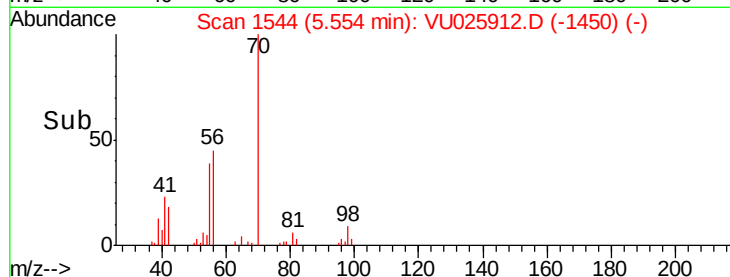
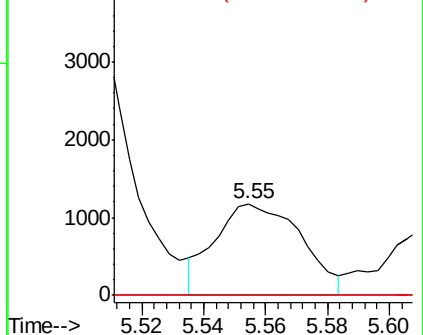
87 0.0 10.6 16.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#45

1,2-Dichloropropane

Concen: 1.265 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. -0.02 min

Lab File: VU025912.D

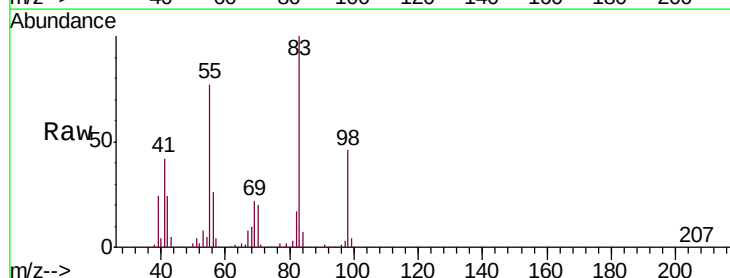
Acq: 07 Aug 2018 02:17

Tgt Ion: 63 Resp: 3425

Ion Ratio Lower Upper

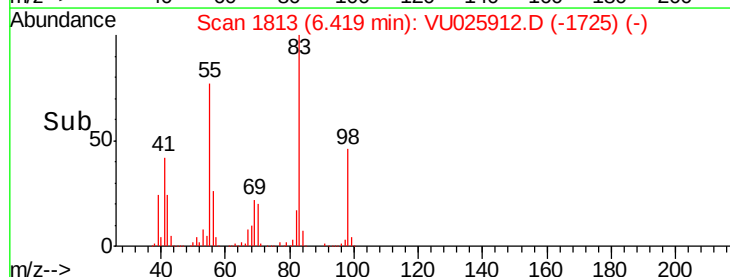
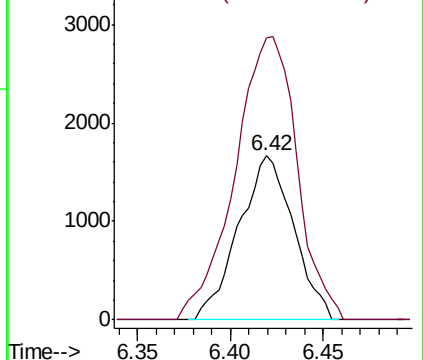
63 100

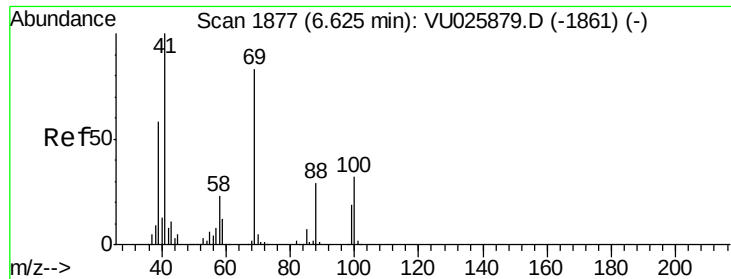
65 164.8 26.1 39.1#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0

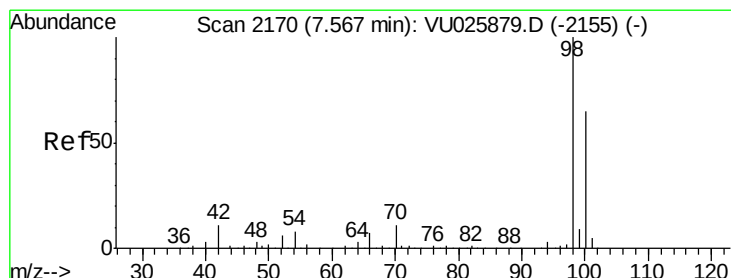
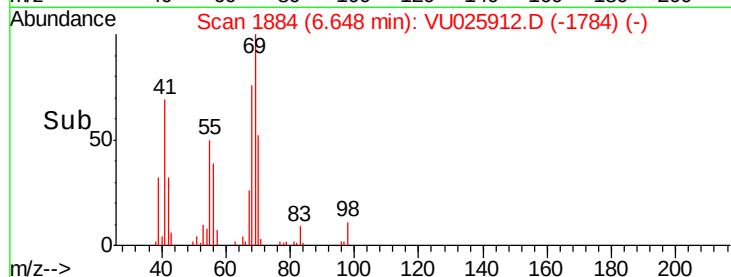
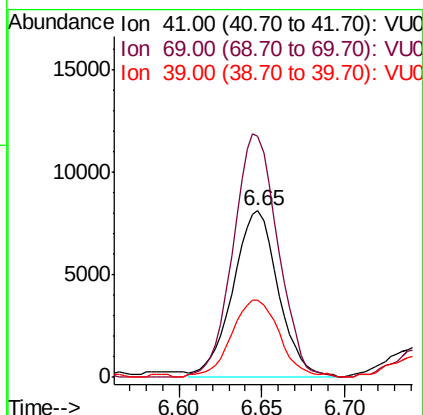
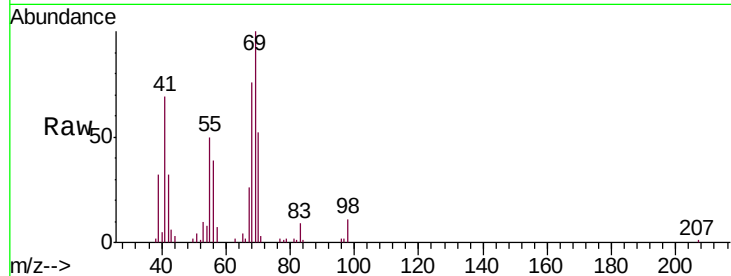




#48
Methyl methacrylate
Concen: 5.181 ug/l
RT: 6.65 min Scan# 1884
Delta R.T. 0.02 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

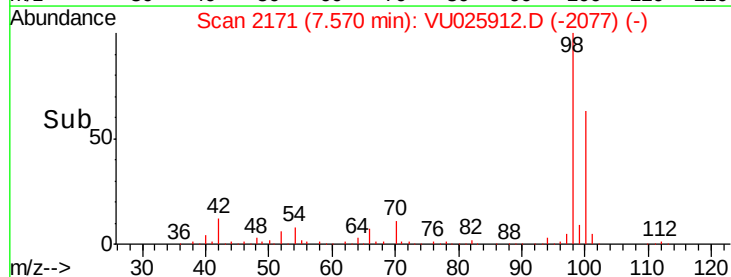
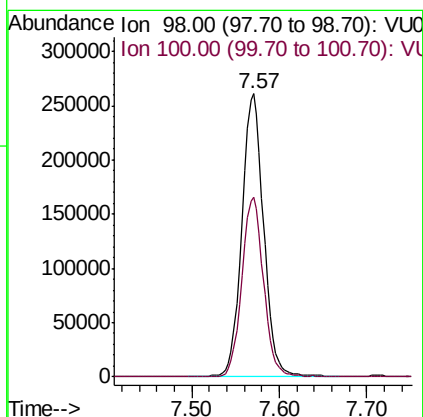
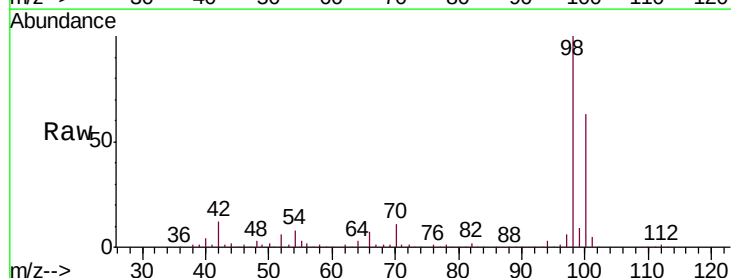
Instrument :
MSVOA_U
ClientSampleId :
FL-0517

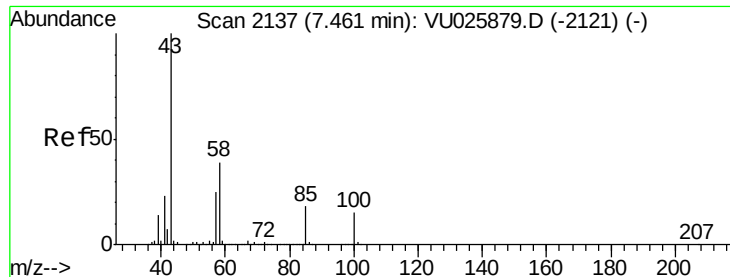
Tgt Ion: 41 Resp: 15449
Ion Ratio Lower Upper
41 100
69 144.1 65.0 97.4#
39 49.3 46.4 69.6



#50
Toluene-d8
Concen: 48.883 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion: 98 Resp: 452000
Ion Ratio Lower Upper
98 100
100 62.9 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 0.231 ug/l

RT: 7.47 min Scan# 2140

Delta R.T. 0.01 min

Lab File: VU025912.D

Acq: 07 Aug 2018 02:17

Instrument :

MSVOA_U

ClientSampleId :

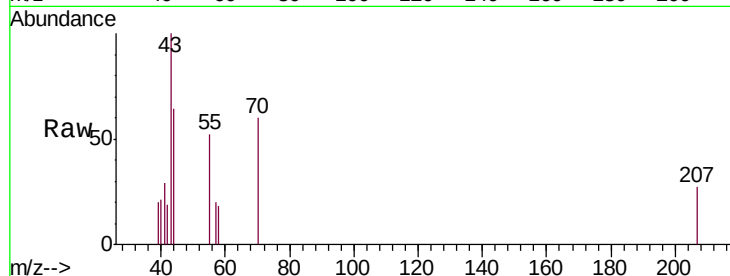
FL-0517

Tgt Ion: 43 Resp: 881

Ion Ratio Lower Upper

43 100

58 20.7 31.0 46.4#



Abundance Ion 43.00 (42.70 to 43.70): VU025879.D (-2121) (-)

Ion 58.00 (57.70 to 58.70): VU025879.D (-2121) (-)

7.47

600

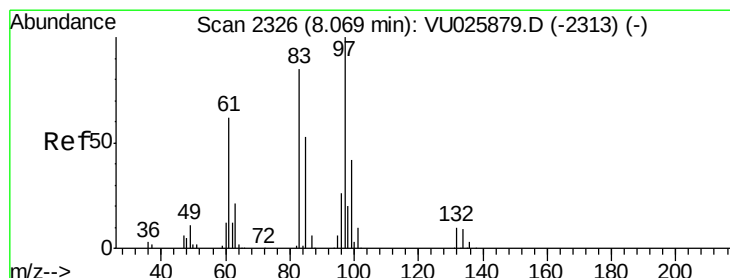
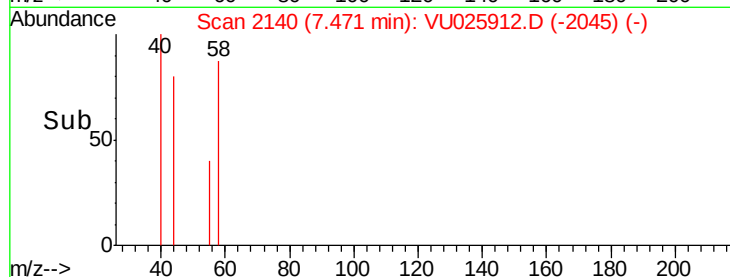
400

200

0

7.45 7.50

Time-->



#55

1,1,2-Trichloroethane

Concen: 5.430 ug/l

RT: 8.05 min Scan# 2320

Delta R.T. -0.02 min

Lab File: VU025912.D

Acq: 07 Aug 2018 02:17

Tgt Ion: 97 Resp: 14549

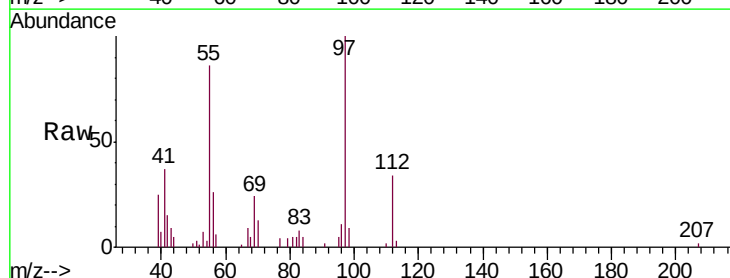
Ion Ratio Lower Upper

97 100

83 7.6 68.9 103.3#

85 0.0 44.4 66.6#

99 0.0 51.0 76.4#



Abundance Ion 96.90 (96.60 to 97.60): VU025879.D (-2313) (-)

Ion 82.90 (82.60 to 83.60): VU025879.D (-2313) (-)

Ion 84.90 (84.60 to 85.60): VU025879.D (-2313) (-)

Ion 98.90 (98.60 to 99.60): VU025879.D (-2313) (-)

8.05

12000

10000

8000

6000

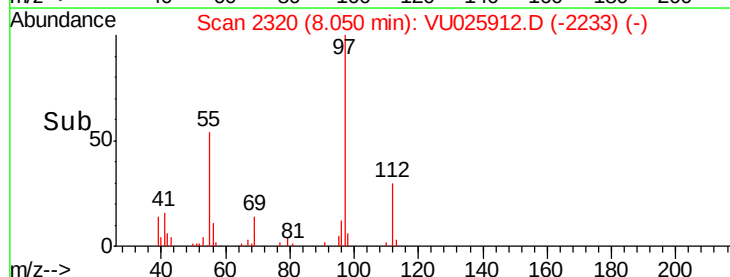
4000

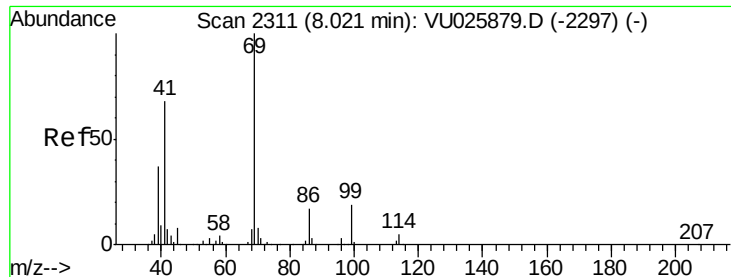
2000

0

8.00 8.05 8.10

Time-->

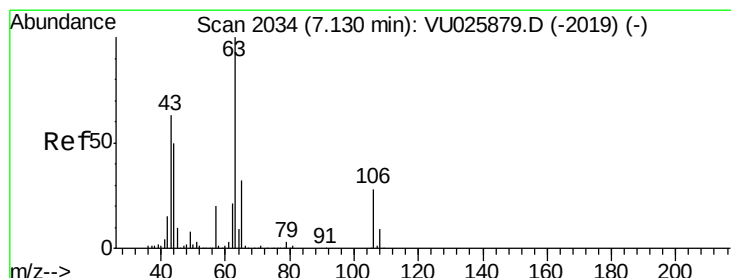
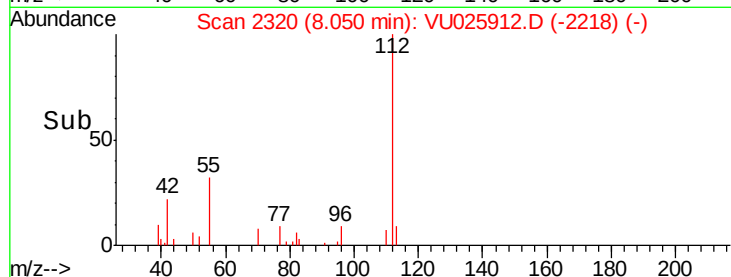
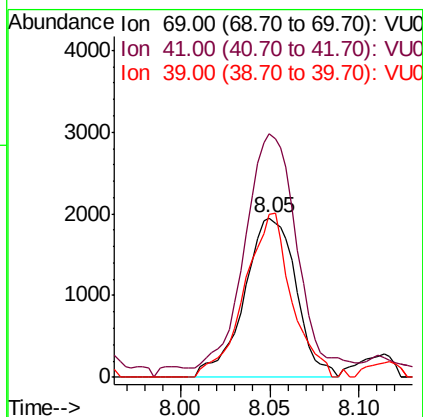
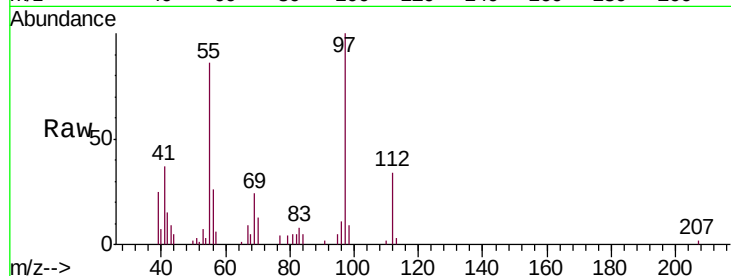




#56
Ethyl methacrylate
Concen: 1.031 ug/l
RT: 8.05 min Scan# 2320
Delta R.T. 0.03 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

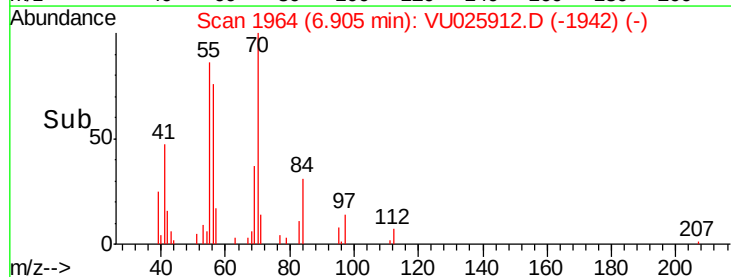
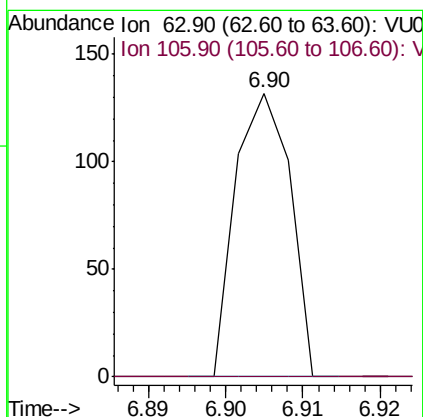
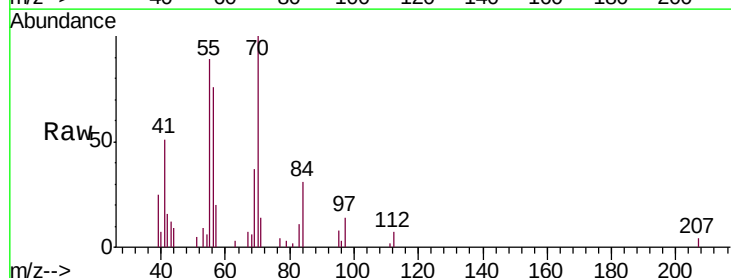
Instrument :
MSVOA_U
ClientSampleId :
FL-0517

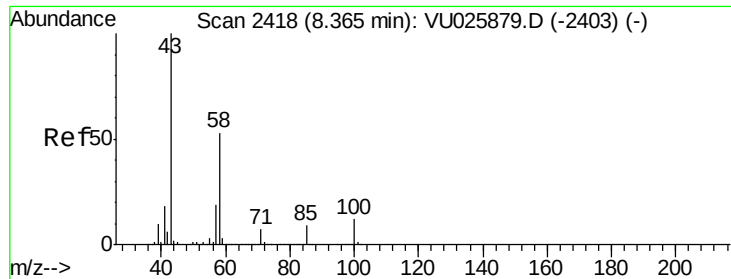
Tgt Ion: 69 Resp: 3947
Ion Ratio Lower Upper
69 100
41 144.9 54.8 82.2#
39 93.5 31.1 46.7#



#58
2-Chloroethyl Vinyl ether
Concen: 7.113 ug/l
RT: 6.90 min Scan# 1964
Delta R.T. -0.23 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion: 63 Resp: 65
Ion Ratio Lower Upper
63 100
106 0.0 22.3 33.5#

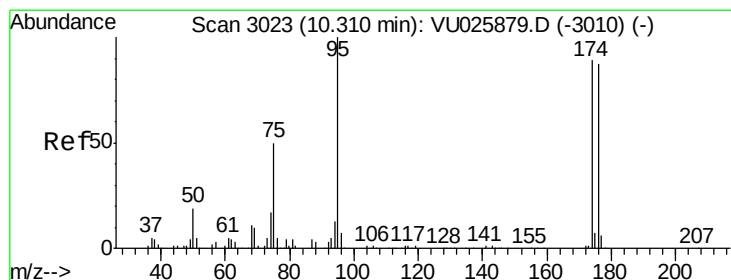
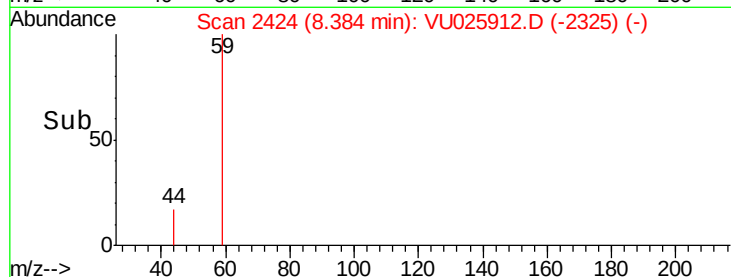
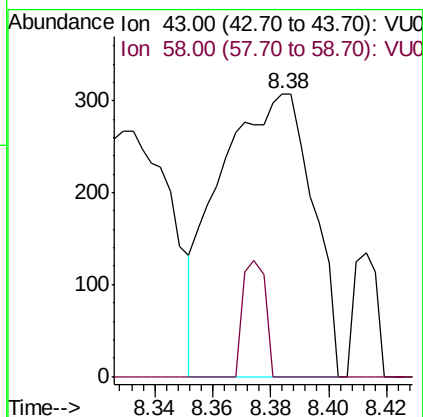
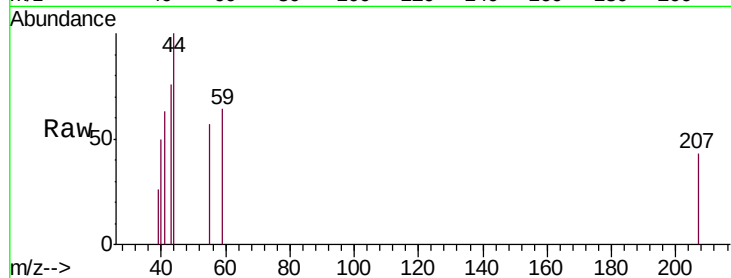




#59
2-Hexanone
Concen: 0.229 ug/l
RT: 8.38 min Scan# 2424
Delta R.T. 0.02 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

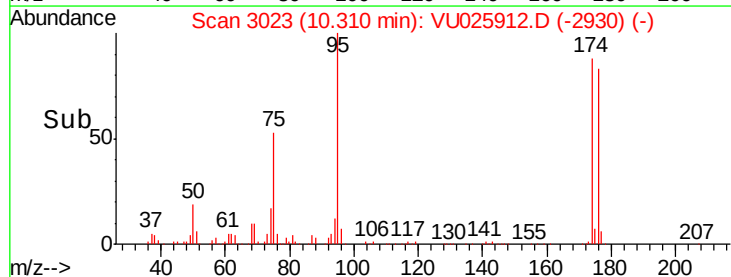
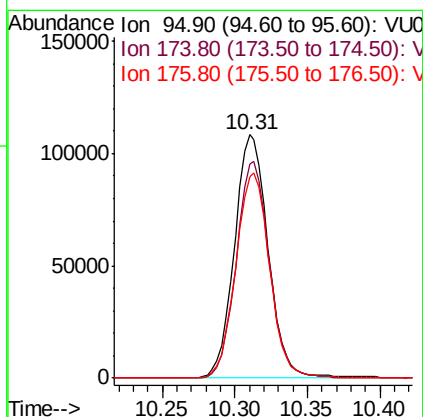
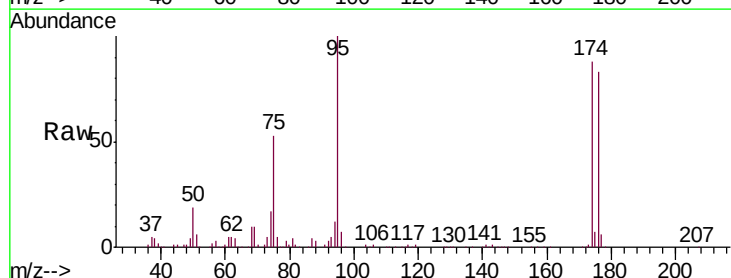
Instrument :
MSVOA_U
ClientSampleId :
FL-0517

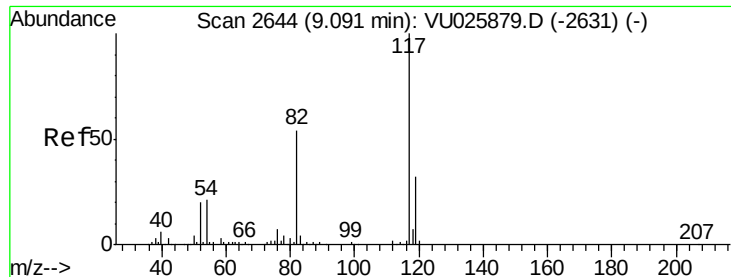
Tgt Ion: 43 Resp: 683
Ion Ratio Lower Upper
43 100
58 10.0 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 48.542 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion: 95 Resp: 174217
Ion Ratio Lower Upper
95 100
174 87.7 0.0 172.2
176 85.2 0.0 162.6

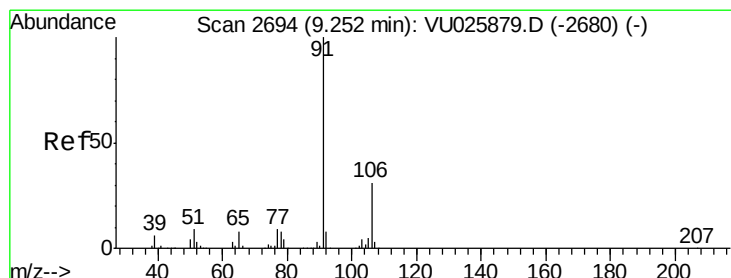
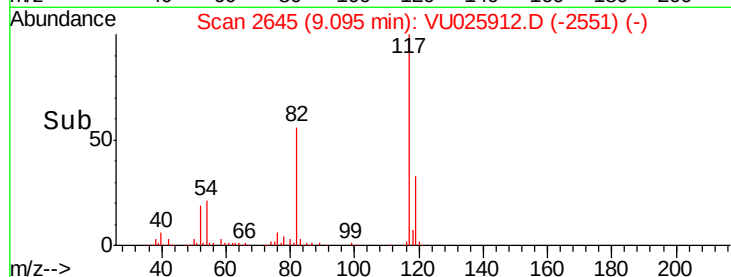
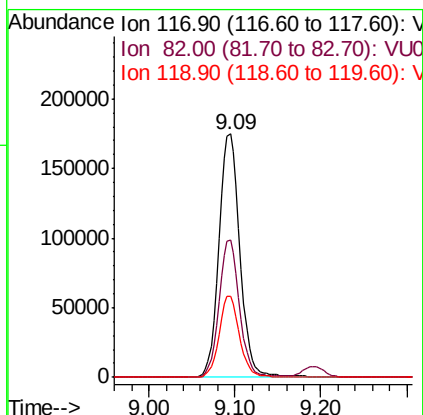
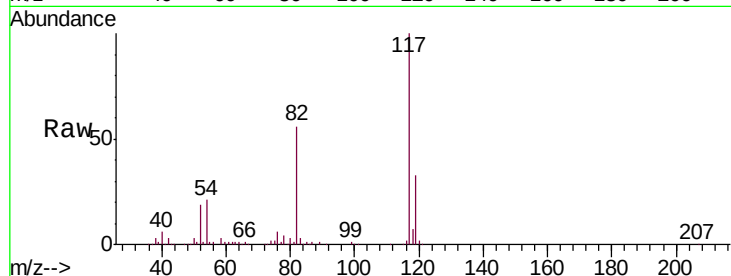




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

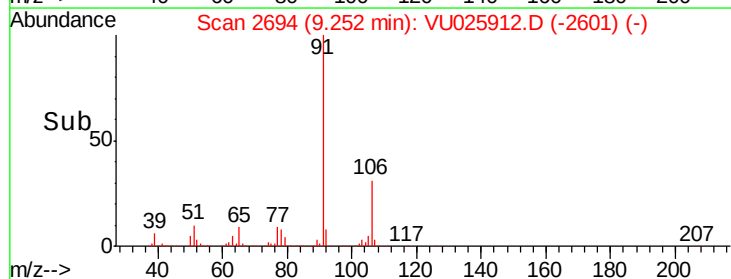
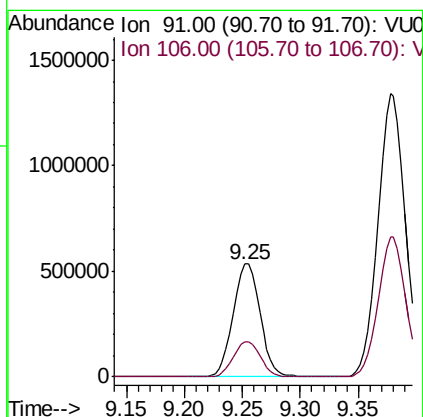
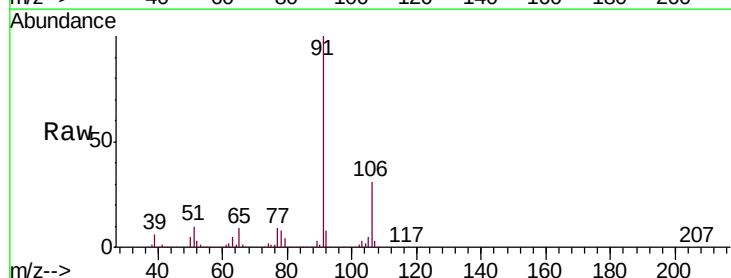
Instrument :
MSVOA_U
ClientSampleId :
FL-0517

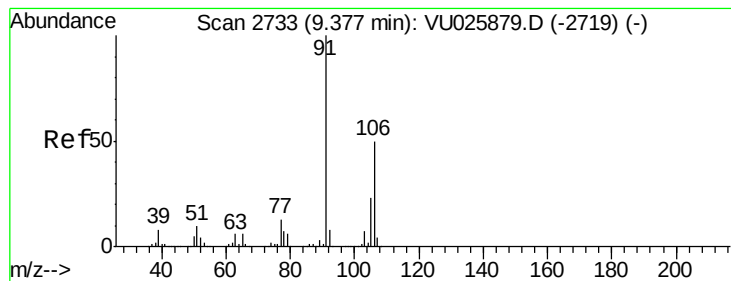
Tgt Ion: 117 Resp: 296882
Ion Ratio Lower Upper
117 100
82 56.3 46.0 69.0
119 33.1 26.0 39.0



#67
Ethyl Benzene
Concen: 68.324 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025912.D
Acq: 07 Aug 2018 02:17

Tgt Ion: 91 Resp: 866270
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9





#68

m/p-Xylenes

Concen: 227.968 ug/l

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU025912.D

Acq: 07 Aug 2018 02:17

Instrument :

MSVOA_U

ClientSampleId :

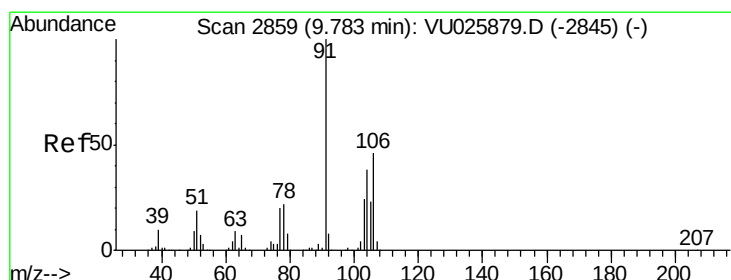
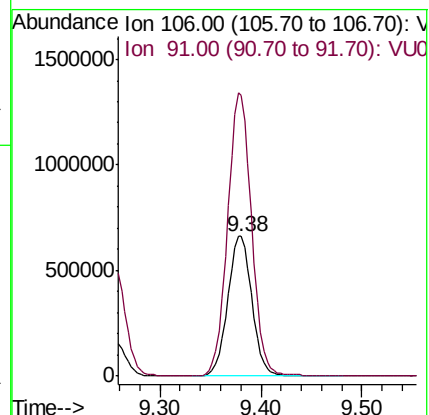
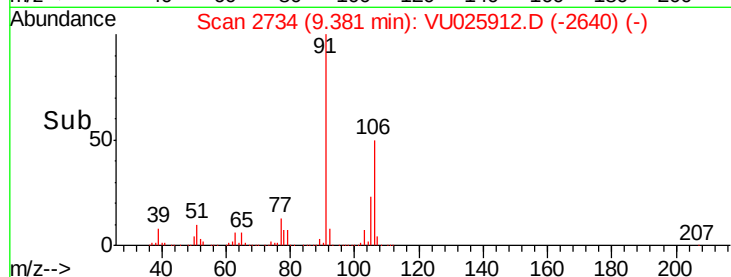
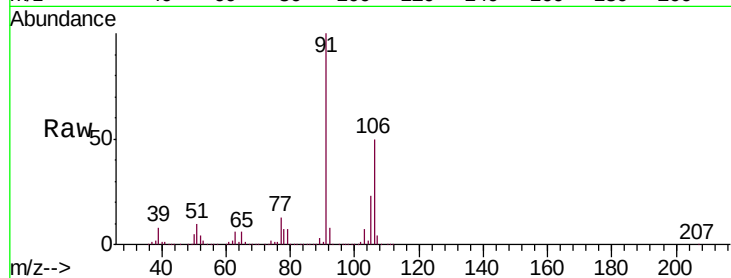
FL-0517

Tgt Ion:106 Resp: 1109675

Ion Ratio Lower Upper

106 100

91 200.9 162.3 243.5



#69

o-Xylene

Concen: 21.906 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU025912.D

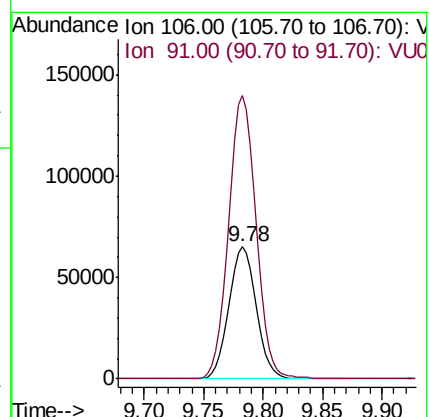
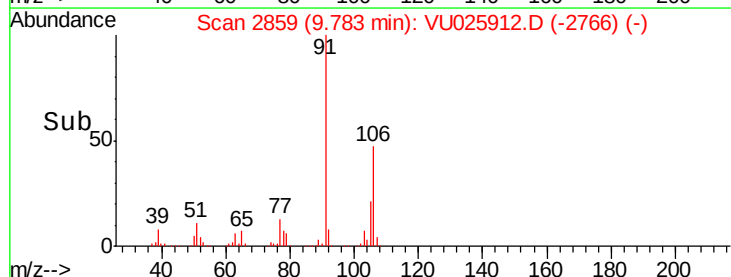
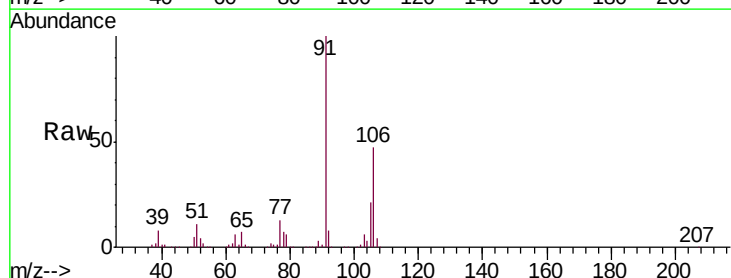
Acq: 07 Aug 2018 02:17

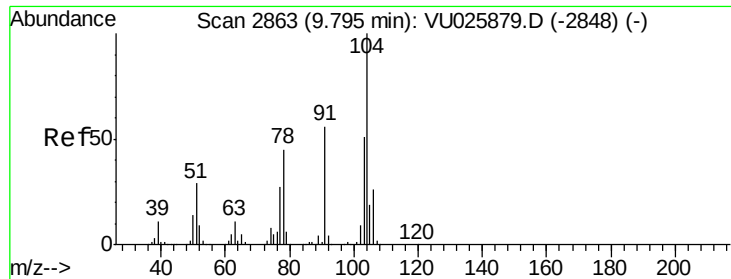
Tgt Ion:106 Resp: 104213

Ion Ratio Lower Upper

106 100

91 214.2 105.3 315.8





#70

Styrene

Concen: 0.776 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. -0.01 min

Lab File: VU025912.D

Acq: 07 Aug 2018 02:17

Instrument :

MSVOA_U

ClientSampled :

FL-0517

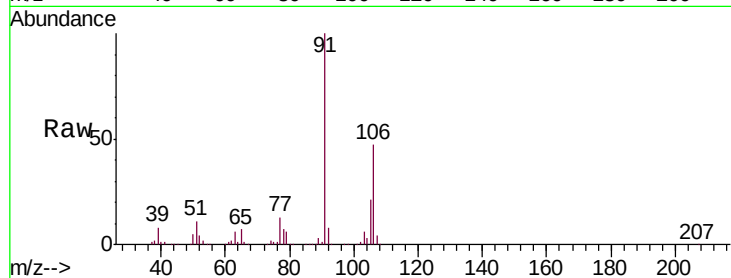
Tgt Ion:104 Resp: 5960

Ion Ratio Lower Upper

104 100

78 271.1 41.6 62.4#

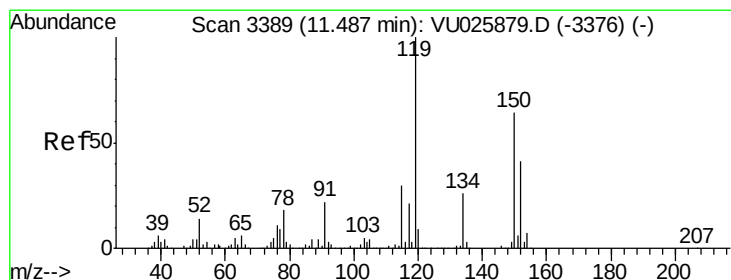
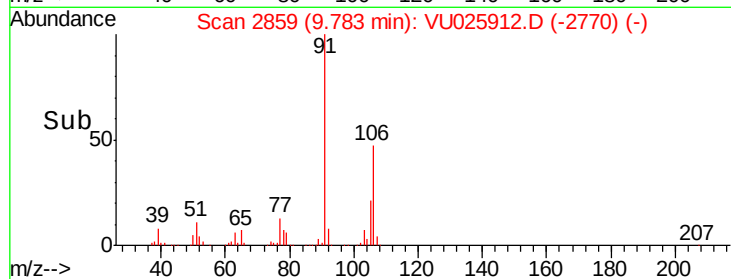
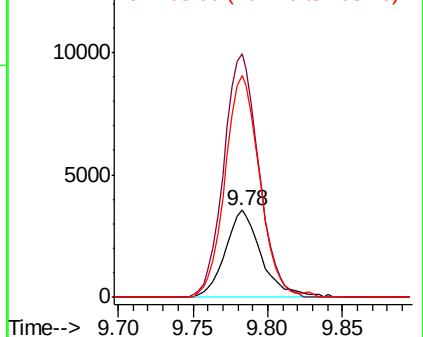
103 243.3 44.6 66.8#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025912.D

Acq: 07 Aug 2018 02:17

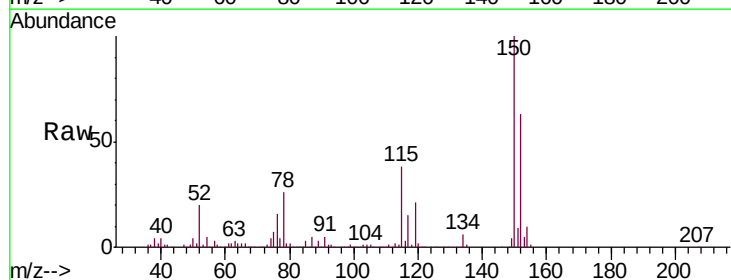
Tgt Ion:152 Resp: 195172

Ion Ratio Lower Upper

152 100

115 60.3 40.1 120.3

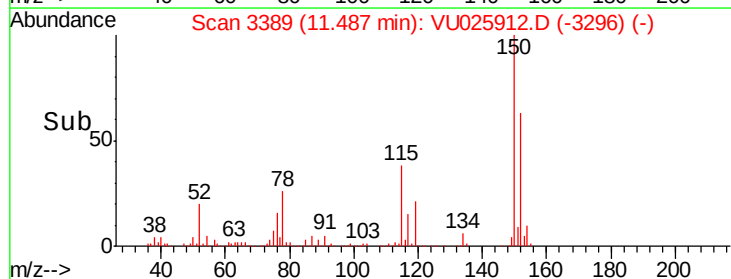
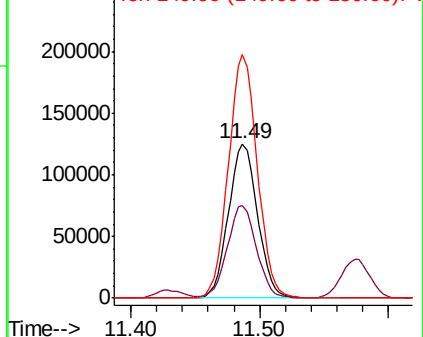
150 156.9 0.0 351.4

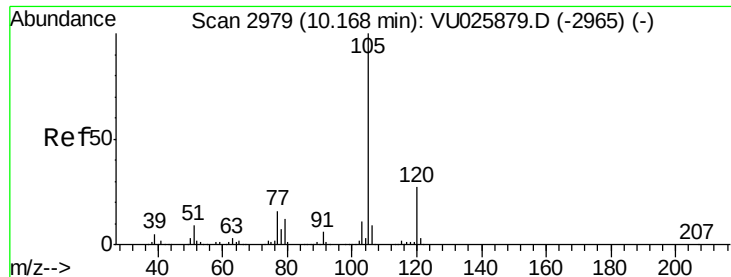


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 6.843 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025912.D

Acq: 07 Aug 2018 02:17

Instrument :

MSVOA_U

ClientSampleId :

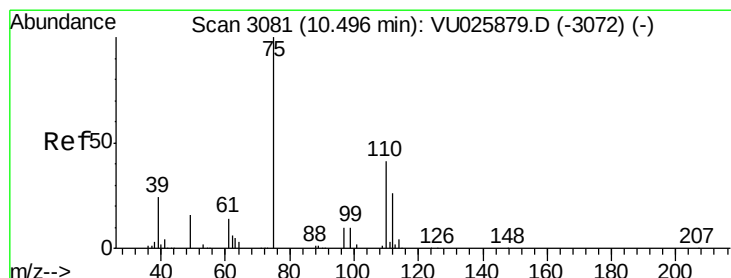
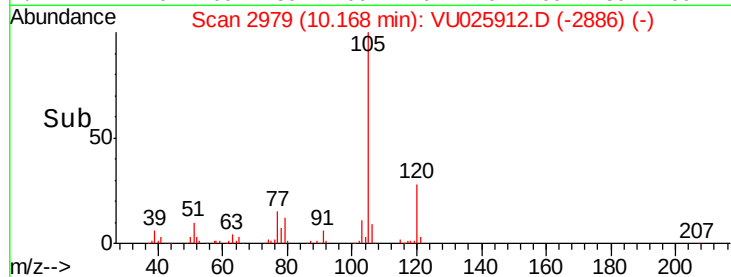
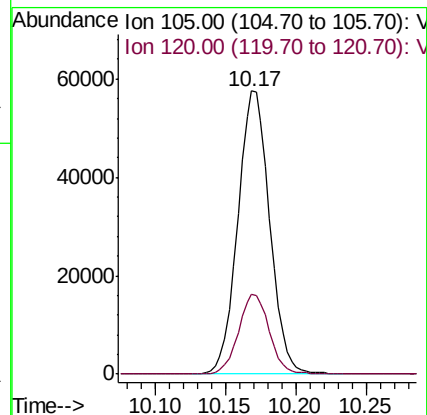
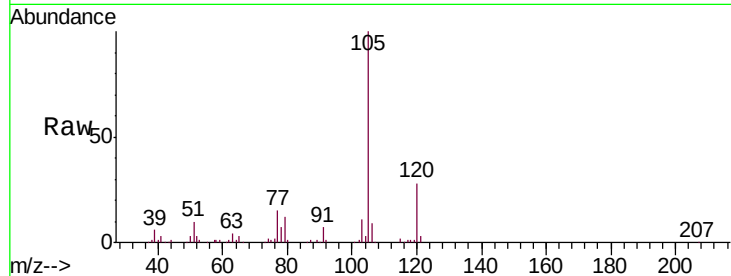
FL-0517

Tgt Ion:105 Resp: 91151

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5



#76

1,2,3-Trichloropropane

Concen: 21.611 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025912.D

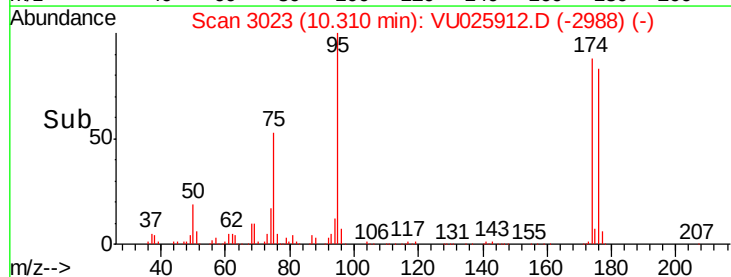
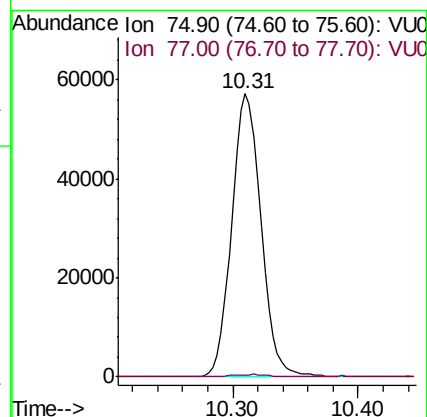
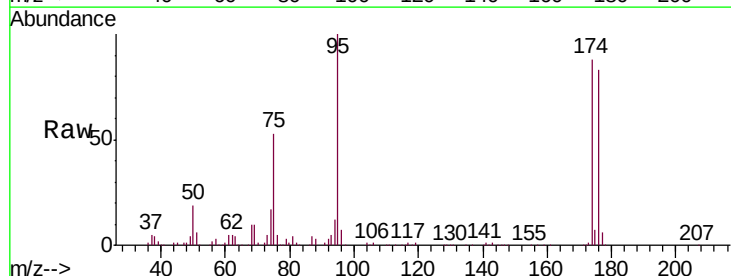
Acq: 07 Aug 2018 02:17

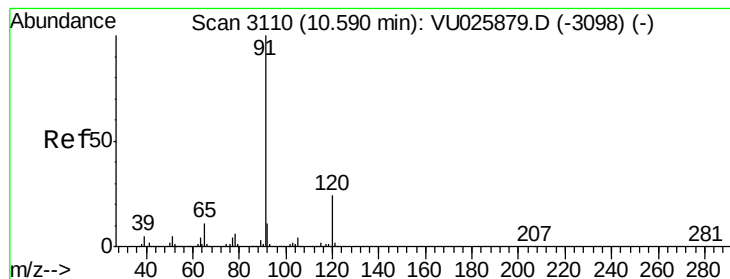
Tgt Ion: 75 Resp: 92933

Ion Ratio Lower Upper

75 100

77 0.0 20.4 61.3#





#78

n-propylbenzene

Concen: 6.535 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025912.D

Acq: 07 Aug 2018 02:17

Instrument :

MSVOA_U

ClientSampled :

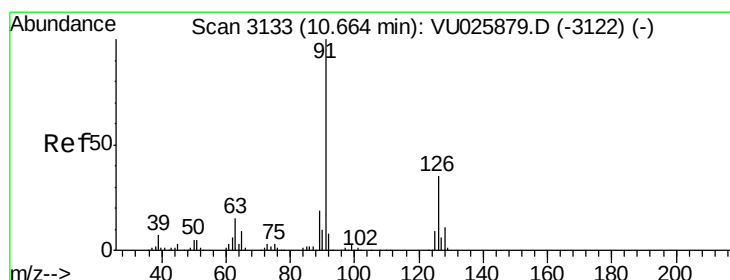
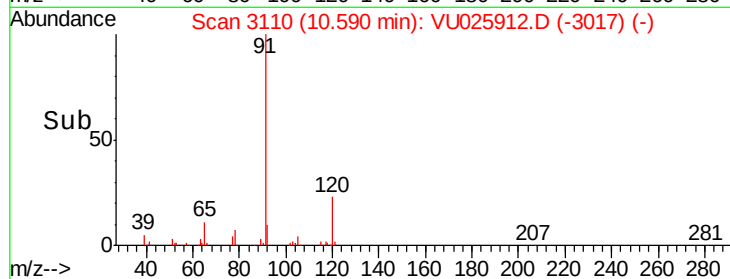
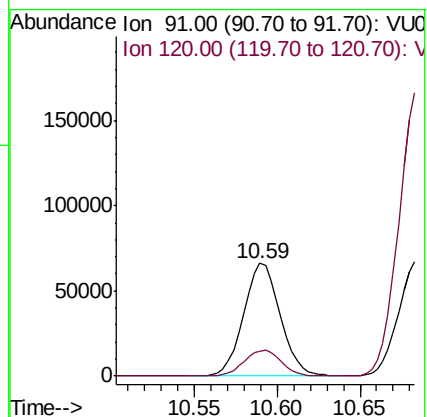
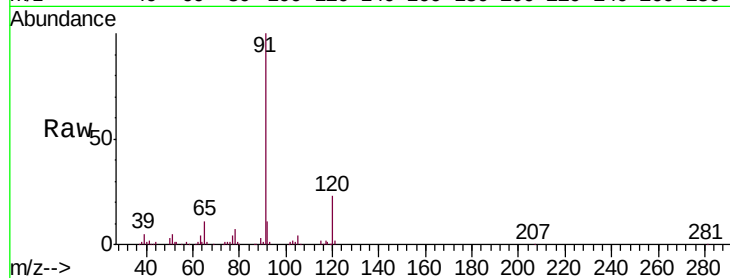
FL-0517

Tgt Ion: 91 Resp: 101599

Ion Ratio Lower Upper

91 100

120 23.4 11.8 35.3



#79

2-Chlorotoluene

Concen: 10.908 ug/l

RT: 10.69 min Scan# 3140

Delta R.T. 0.02 min

Lab File: VU025912.D

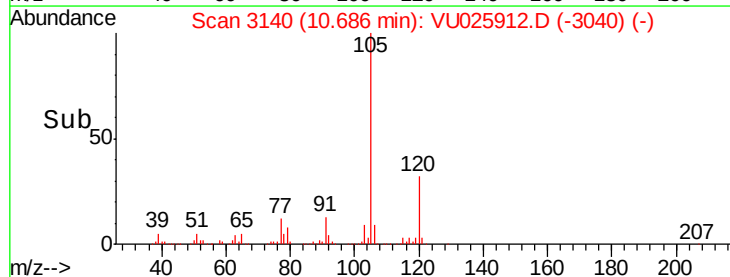
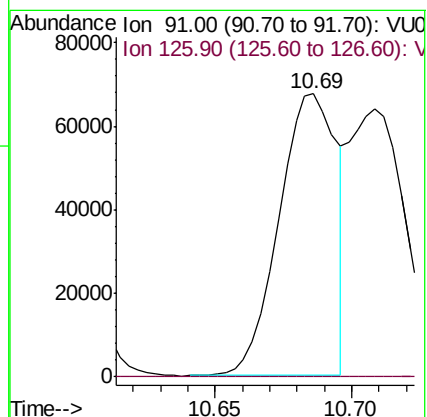
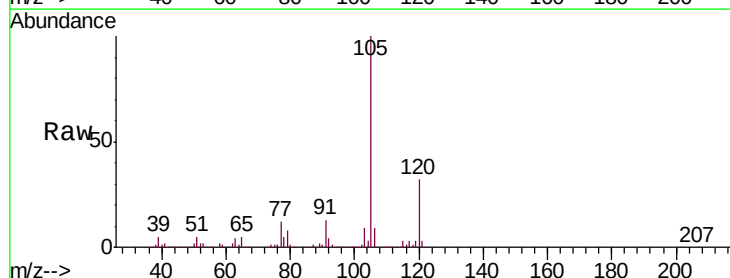
Acq: 07 Aug 2018 02:17

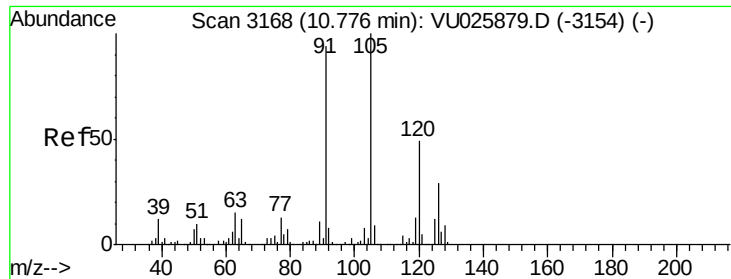
Tgt Ion: 91 Resp: 99335

Ion Ratio Lower Upper

91 100

126 0.1 17.5 52.6#

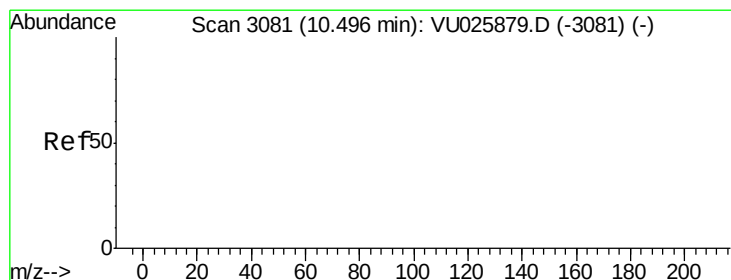
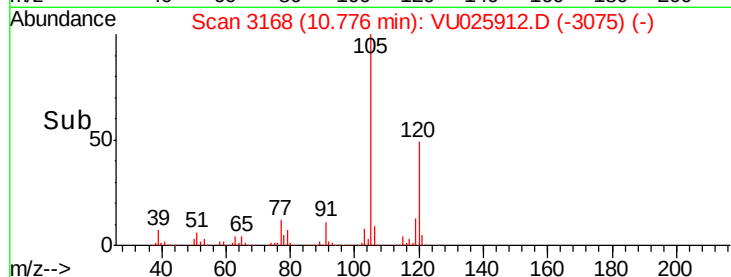
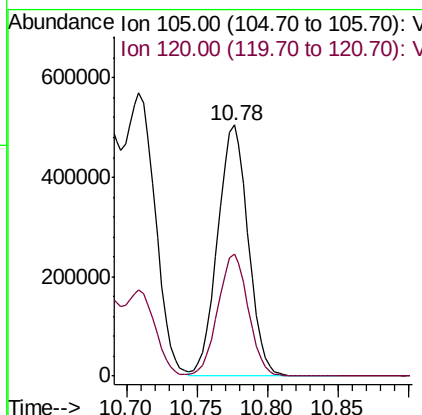
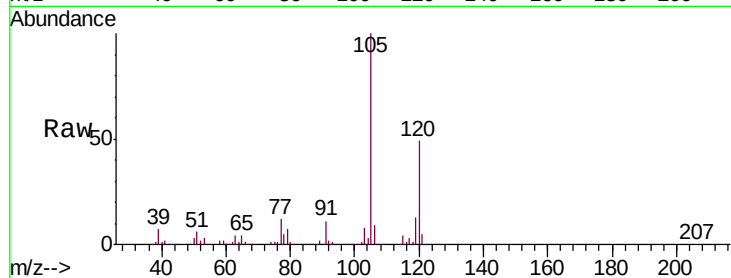




#80
 1,3,5-Trimethylbenzene
 Concen: 67.118 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025912.D
 Acq: 07 Aug 2018 02:17

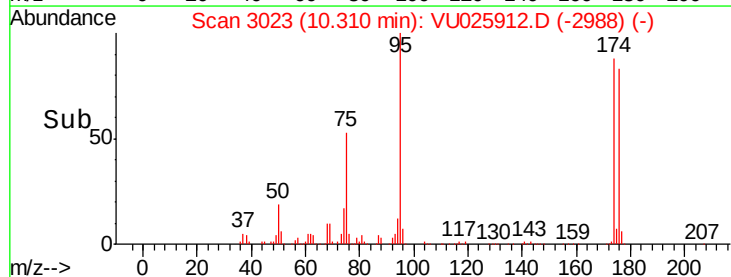
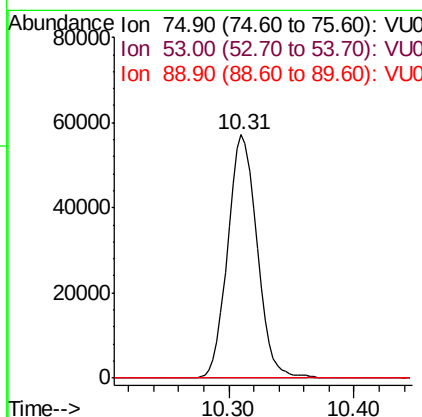
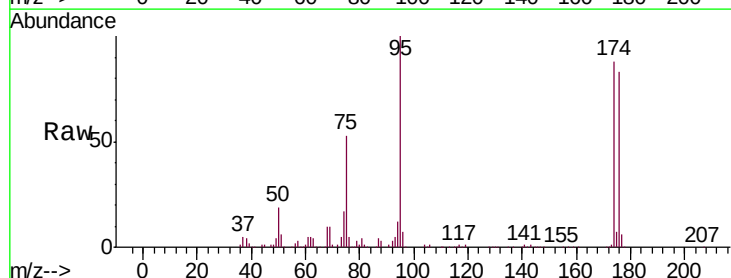
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0517

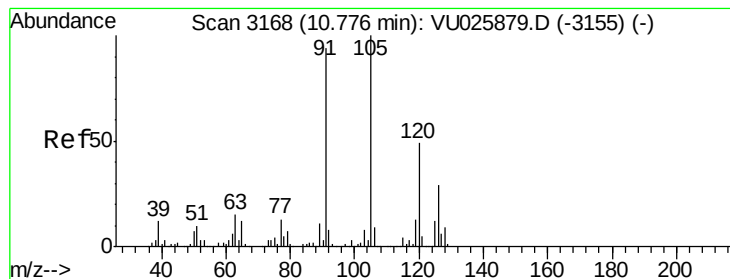
Tgt Ion:105 Resp: 759315
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.189 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU025912.D
 Acq: 07 Aug 2018 02:17

Tgt Ion: 75 Resp: 92933
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 7.589 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025912.D

Acq: 07 Aug 2018 02:17

Instrument :

MSVOA_U

ClientSampled :

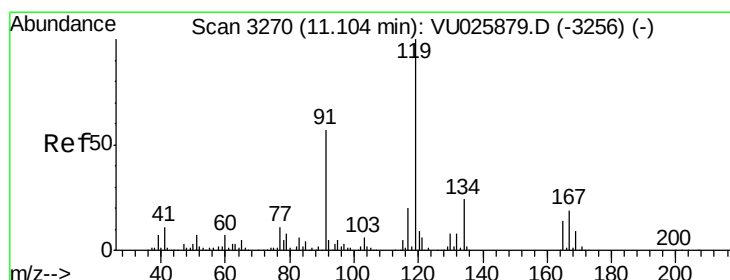
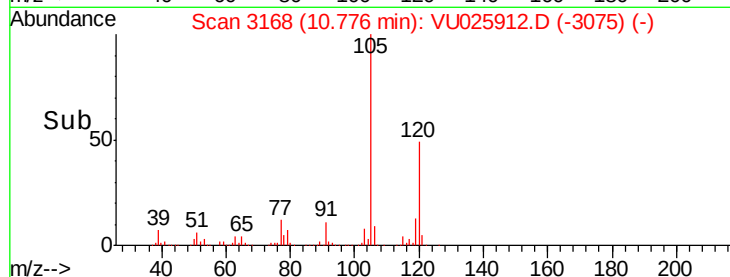
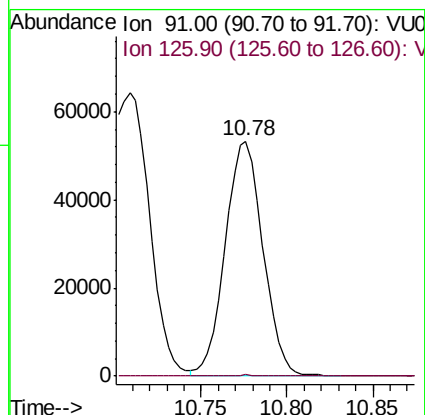
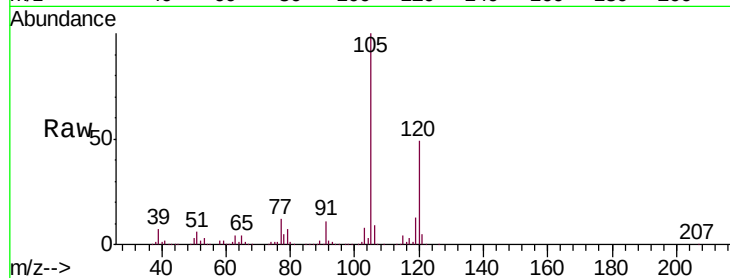
FL-0517

Tgt Ion: 91 Resp: 81465

Ion Ratio Lower Upper

91 100

126 0.3 15.3 45.9#



#83

tert-Butylbenzene

Concen: 30.687 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.05 min

Lab File: VU025912.D

Acq: 07 Aug 2018 02:17

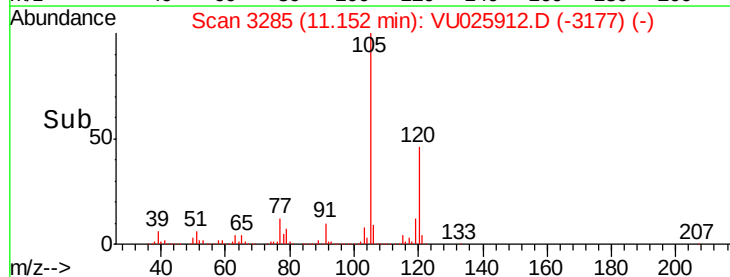
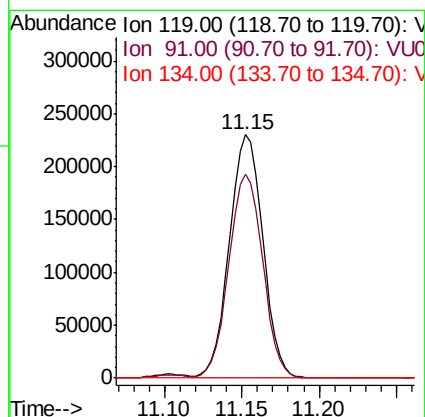
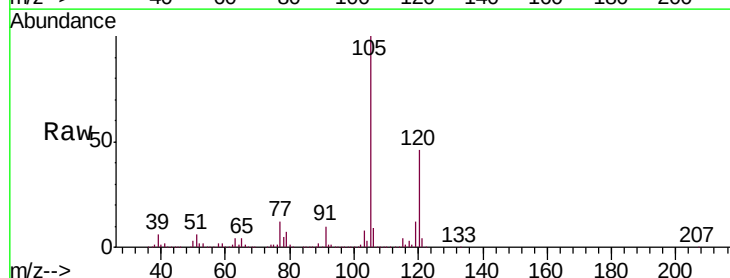
Tgt Ion: 119 Resp: 344930

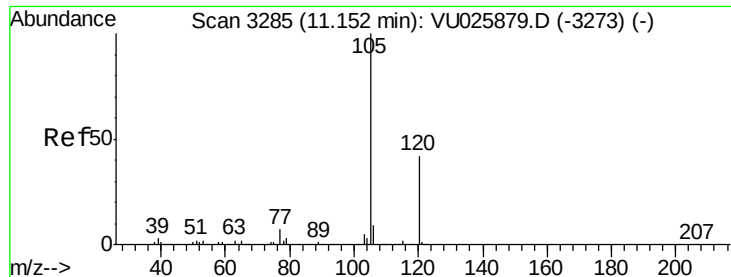
Ion Ratio Lower Upper

119 100

91 84.7 29.7 89.1

134 0.0 11.5 34.5#

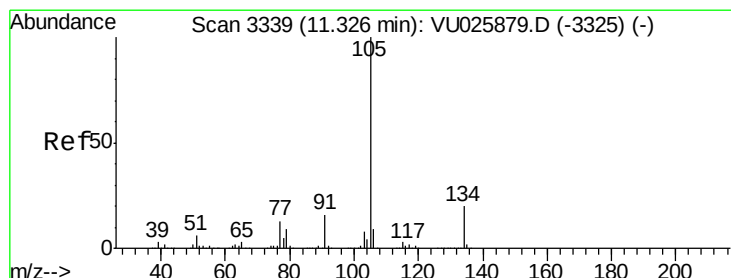
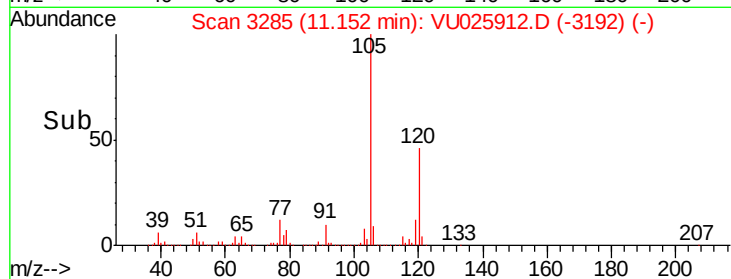
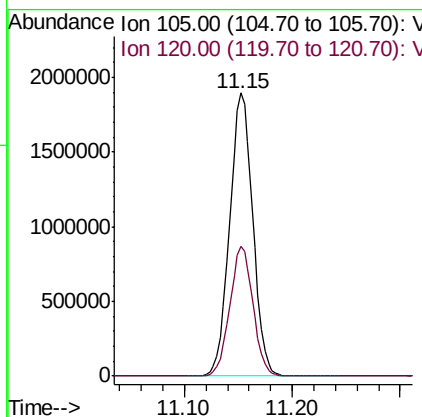
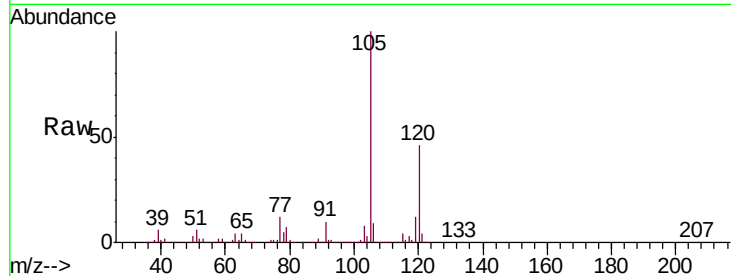




#84
 1,2,4-Trimethylbenzene
 Concen: 246.797 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025912.D
 Acq: 07 Aug 2018 02:17

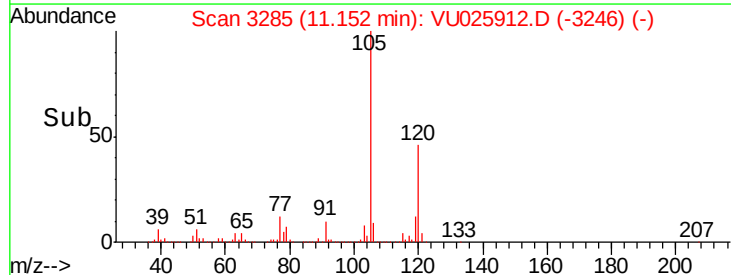
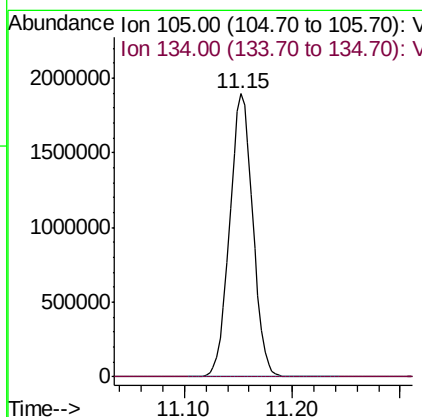
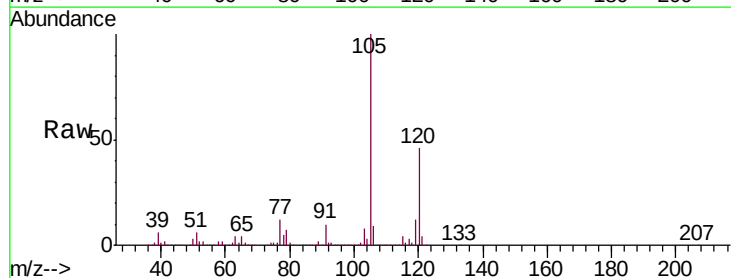
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0517

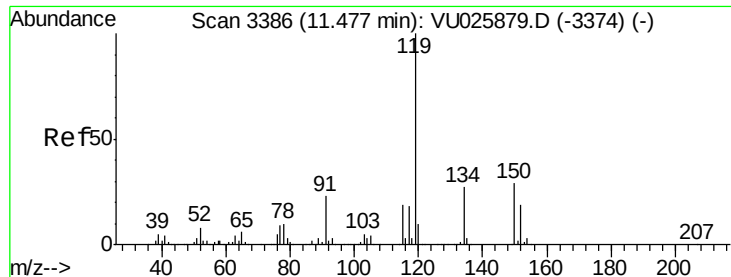
Tgt Ion:105 Resp: 2829337
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 206.168 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. -0.17 min
 Lab File: VU025912.D
 Acq: 07 Aug 2018 02:17

Tgt Ion:105 Resp: 2829337
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#

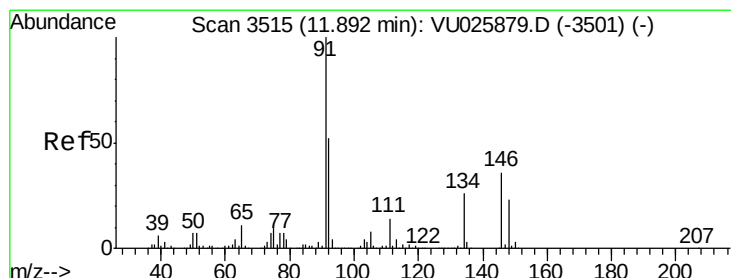
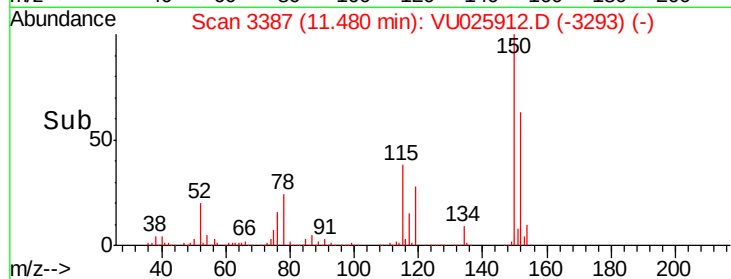
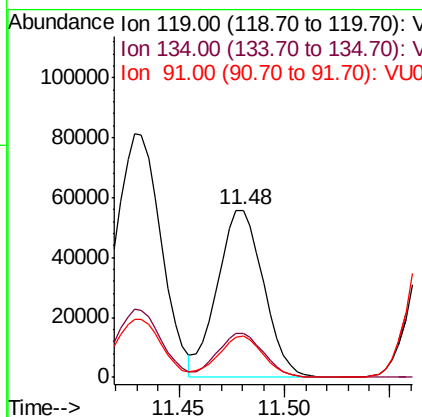
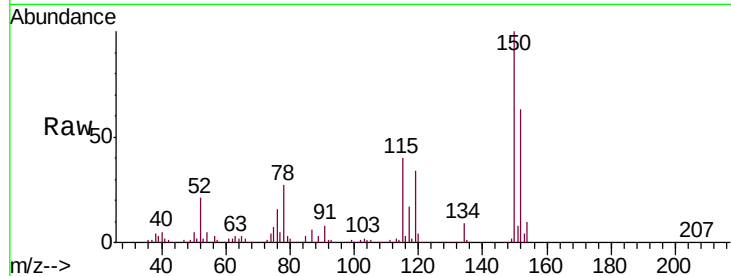




#86
 p-Isopropyltoluene
 Concen: 6.888 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025912.D
 Acq: 07 Aug 2018 02:17

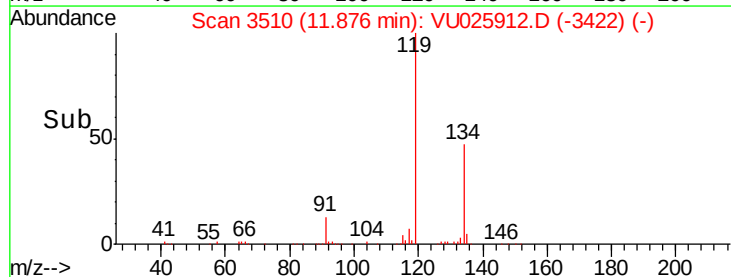
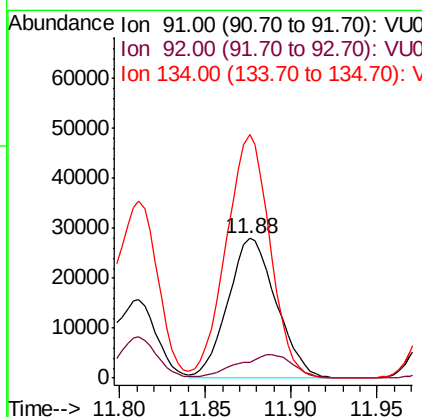
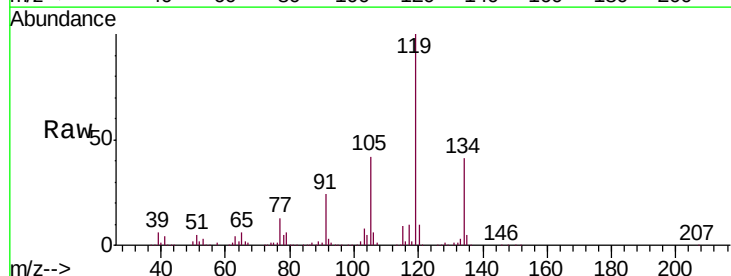
Instrument :
 MSVOA_U
 ClientSampled :
 FL-0517

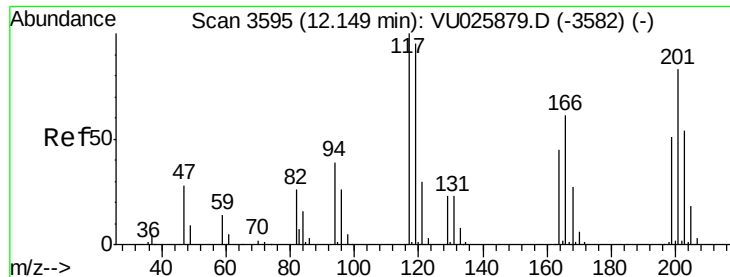
Tgt Ion: 119 Resp: 84645
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 24.2 12.0 36.1



#89
 n-Butylbenzene
 Concen: 4.768 ug/l
 RT: 11.88 min Scan# 3510
 Delta R.T. -0.02 min
 Lab File: VU025912.D
 Acq: 07 Aug 2018 02:17

Tgt Ion: 91 Resp: 54072
 Ion Ratio Lower Upper
 91 100
 92 19.7 26.5 79.5#
 134 159.7 13.6 40.7#





#90

Hexachloroethane

Concen: 9.966 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025912.D

Acq: 07 Aug 2018 02:17

Instrument :

MSVOA_U

ClientSampled :

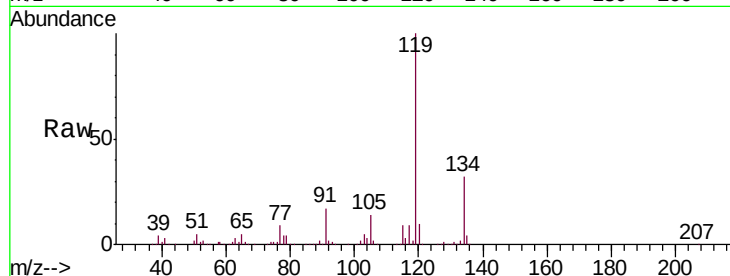
FL-0517

Tgt Ion:117 Resp: 21774

Ion Ratio Lower Upper

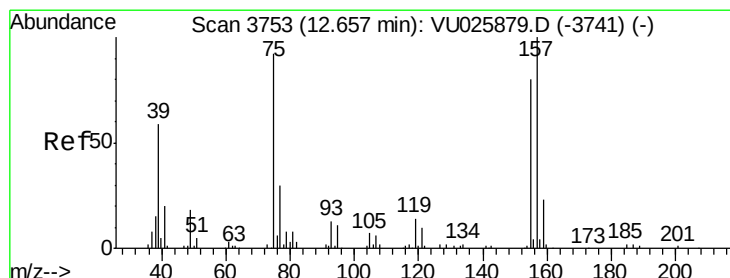
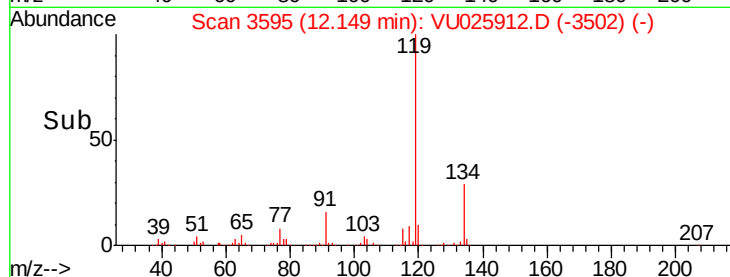
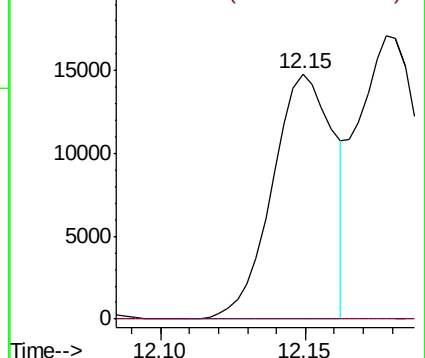
117 100

201 0.0 42.5 127.6#



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: 1.479 ug/l

RT: 12.65 min Scan# 3751

Delta R.T. -0.01 min

Lab File: VU025912.D

Acq: 07 Aug 2018 02:17

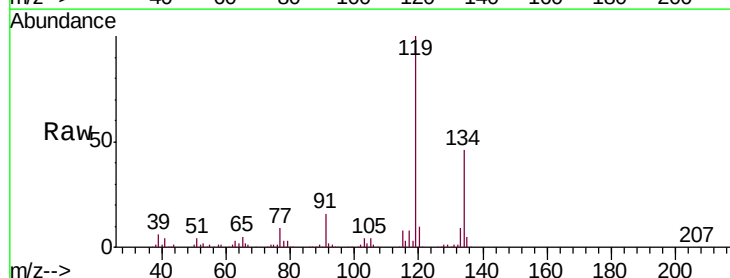
Tgt Ion: 75 Resp: 1615

Ion Ratio Lower Upper

75 100

155 0.0 44.5 133.3#

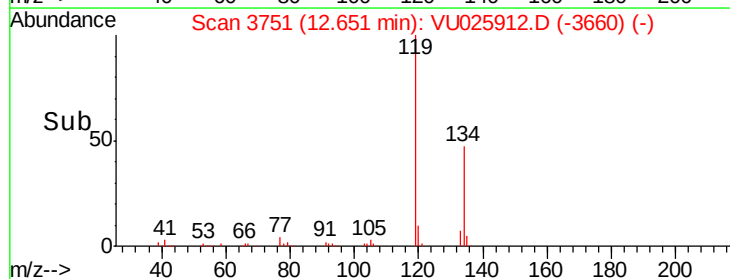
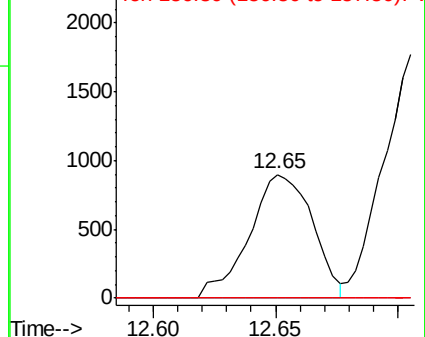
157 0.0 57.0 170.8#

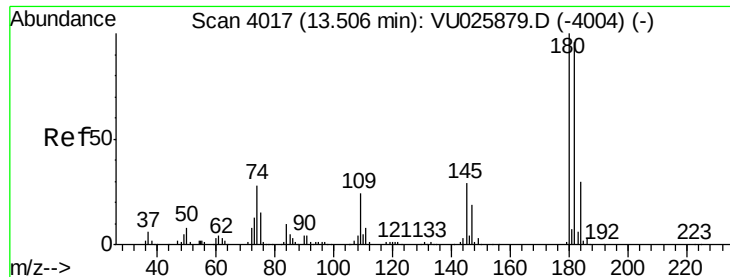


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

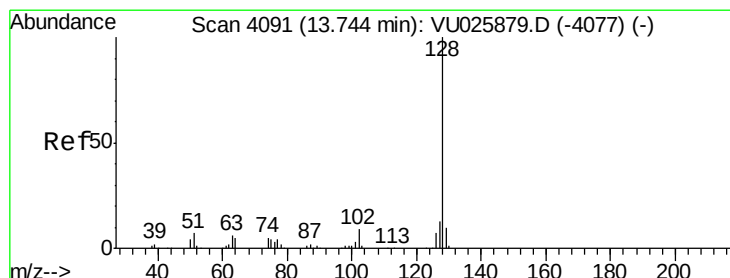
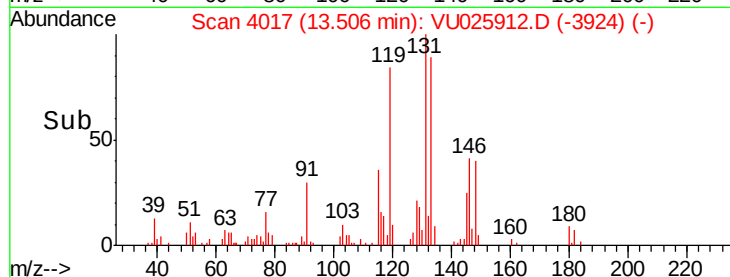
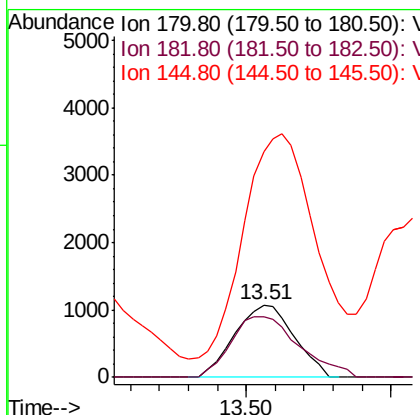
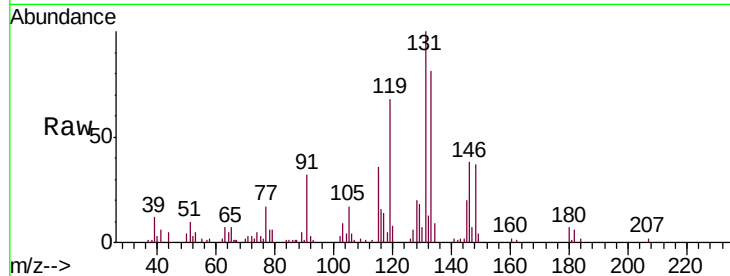




#93
 1,2,4-Trichlorobenzene
 Concen: 0.337 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025912.D
 Acq: 07 Aug 2018 02:17

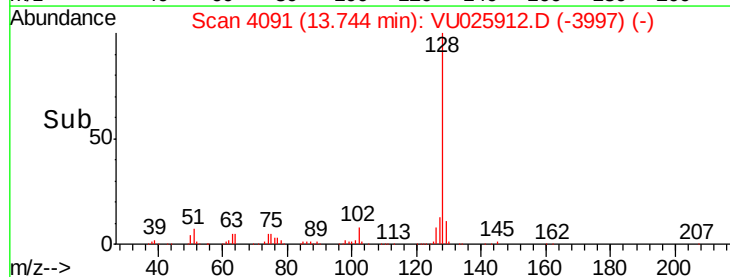
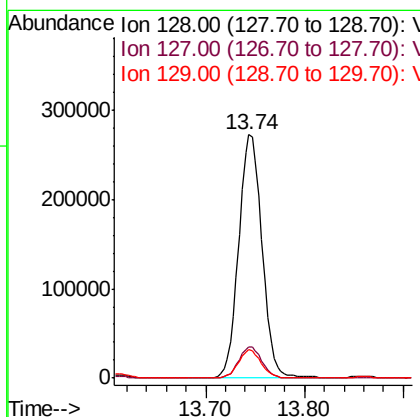
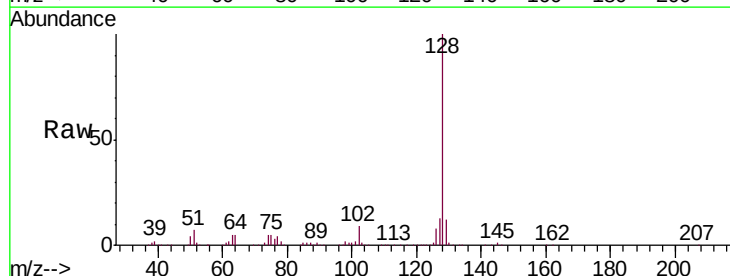
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0517

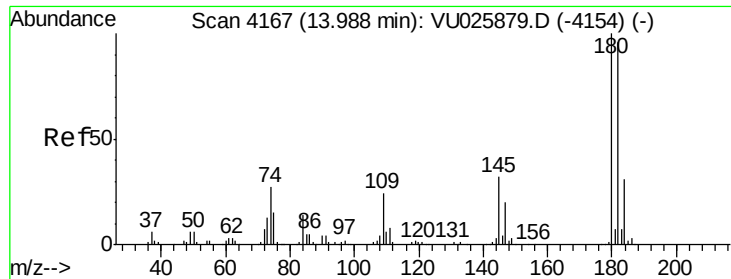
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	47.3	141.9
145	379.7	14.9	44.7#



#95
 Naphthalene
 Concen: 31.322 ug/l
 RT: 13.74 min Scan# 4091
 Delta R.T. 0.00 min
 Lab File: VU025912.D
 Acq: 07 Aug 2018 02:17

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.4	8.3	12.5





#96
 1,2,3-Trichlorobenzene
 Concen: 0.294 ug/l
 RT: 13.99 min Scan# 4167
 Delta R.T. -0.00 min
 Lab File: VU025912.D
 Acq: 07 Aug 2018 02:17

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0517

Tgt Ion:180 Resp: 1324
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.8 143.3
 145 0.0 15.6 46.8#

