

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
 Data File : VU025926.D
 Acq On : 07 Aug 2018 07:45
 Operator : MD/SY
 Sample : J4344-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0538

Quant Time: Aug 07 08:55:08 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	224543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	356286	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	354670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	228171	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	161491	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
35) Dibromofluoromethane	4.89	113	143509	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
50) Toluene-d8	7.57	98	532296	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	10.31	95	206923	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	2.82	59	381	0.497	ug/l #	73
13) Acrolein	2.31	56	9256	31.591	ug/l	86
14) Allyl chloride	2.72	41	32181	7.428	ug/l #	50
15) Acrylonitrile	3.00	53	10376	6.785	ug/l #	40
16) Acetone	2.31	43	30582	17.929	ug/l #	56
18) Methyl Acetate	2.75	43	364279	88.730	ug/l #	52
20) Methylene Chloride	2.71	84	879	0.291	ug/l #	1
23) Vinyl Acetate	3.31	43	125046	16.806	ug/l #	54
25) 2-Butanone	4.23	43	4917	2.118	ug/l #	49
26) 2,2-Dichloropropane	4.11	77	3855	0.828	ug/l #	53
29) Tetrahydrofuran	4.73	42	1722	1.238	ug/l #	1
31) Cyclohexane	5.00	56	345515	78.267	ug/l	97
36) 1,1-Dichloropropene	4.99	75	15130	3.634	ug/l #	75
37) Ethyl Acetate	4.23	43	4917	1.139	ug/l #	69
38) Carbon Tetrachloride	4.99	117	20971	4.447	ug/l #	16
39) Methylcyclohexane	6.42	83	562868	117.982	ug/l	99
41) Methacrylonitrile	4.74	41	11419	4.762	ug/l #	26
43) Isopropyl Acetate	5.54	43	20065	2.812	ug/l #	61
45) 1,2-Dichloropropane	6.42	63	5126	1.615	ug/l #	1
47) Bromodichloromethane	6.74	83	1481	0.338	ug/l #	1
48) Methyl methacrylate	6.65	41	24489	7.003	ug/l #	45
55) 1,1,2-Trichloroethane	8.05	97	37414	11.907	ug/l #	18
56) Ethyl methacrylate	8.05	69	8873	1.976	ug/l #	11
58) 2-Chloroethyl Vinyl ether	7.07	63	385	7.260	ug/l #	47
59) 2-Hexanone	8.37	43	865	0.247	ug/l #	41
67) Ethyl Benzene	9.25	91	83815	5.533	ug/l	98
68) m/p-Xylenes	9.38	106	169407	29.132	ug/l	99
69) o-Xylene	9.78	106	19055	3.353	ug/l	91
73) Isopropylbenzene	10.17	105	378713	24.318	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.50	83	2036	0.378	ug/l #	26
76) 1,2,3-Trichloropropane	10.59	75	4321	0.860	ug/l #	1
78) n-propylbenzene	10.59	91	679667	37.392	ug/l	100
79) 2-Chlorotoluene	10.68	91	155241	14.582	ug/l #	40
80) 1,3,5-Trimethylbenzene	10.78	105	1001747	75.742	ug/l	99

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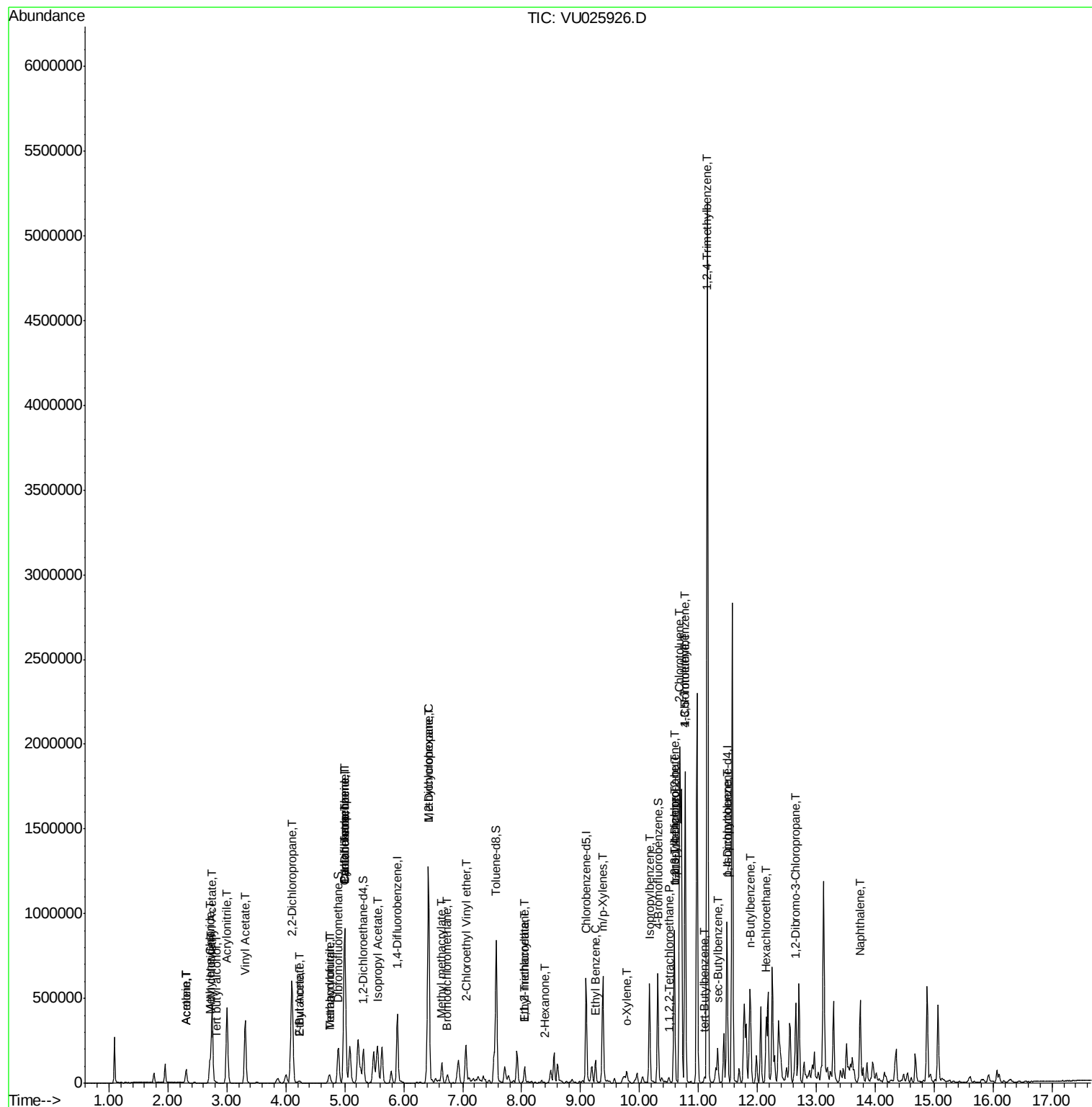
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	10.59	75	4321	2.155	ug/l #	100
82) 4-Chlorotoluene	10.78	91	102580	8.174	ug/l #	44
83) tert-Butylbenzene	11.10	119	16625	1.265	ug/l	94
84) 1,2,4-Trimethylbenzene	11.15	105	2873902	214.429	ug/l	98
85) sec-Butylbenzene	11.33	105	131446	8.193	ug/l	98
86) p-Isopropyltoluene	11.48	119	85685	5.964	ug/l	99
89) n-Butylbenzene	11.89	91	125501	9.467	ug/l #	31
90) Hexachloroethane	12.15	117	19602	7.674	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.65	75	1941	1.520	ug/l #	1
95) Naphthalene	13.74	128	358463	21.879	ug/l	98

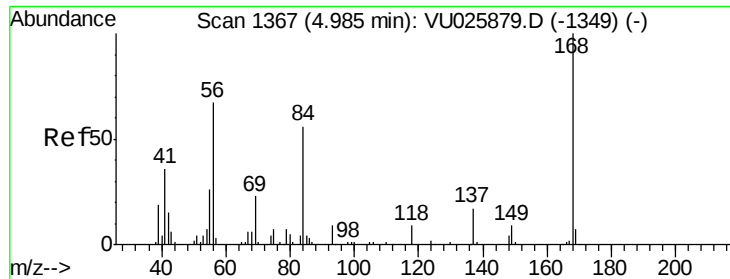
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025926.D

Acq: 07 Aug 2018 07:45

Instrument :

MSVOA_U

ClientSampleId :

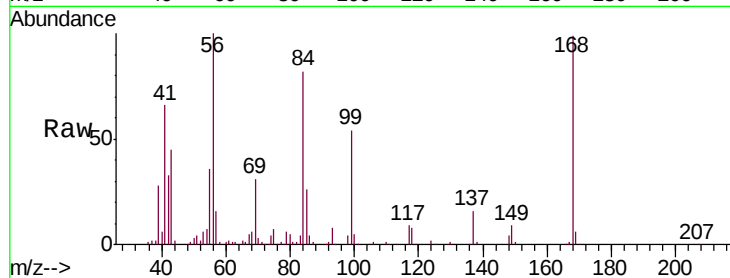
FL-0538

Tgt Ion:168 Resp: 224543

Ion Ratio Lower Upper

168 100

99 54.6 42.8 64.2



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

Ion 98.90 (98.60 to 99.60): VU025879.D (-1349) (-)

120000

100000

80000

60000

40000

20000

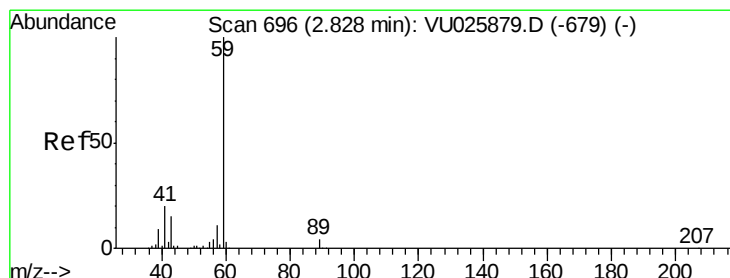
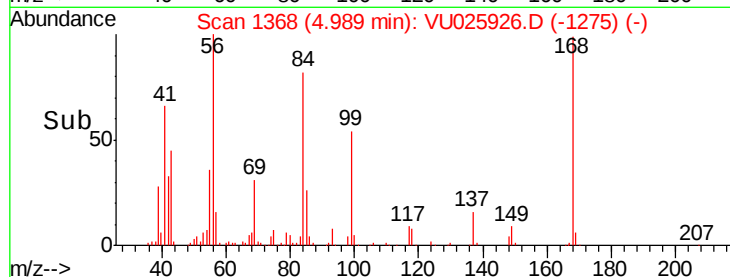
0

4.90

5.00

5.10

Time-->



#11

Tert butyl alcohol

Concen: 0.497 ug/l

RT: 2.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VU025926.D

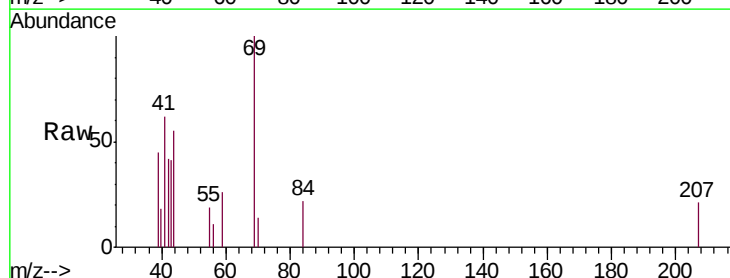
Acq: 07 Aug 2018 07:45

Tgt Ion: 59 Resp: 381

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VU025879.D (-679) (-)

Ion 57.00 (56.70 to 57.70): VU025879.D (-679) (-)

800

600

400

200

0

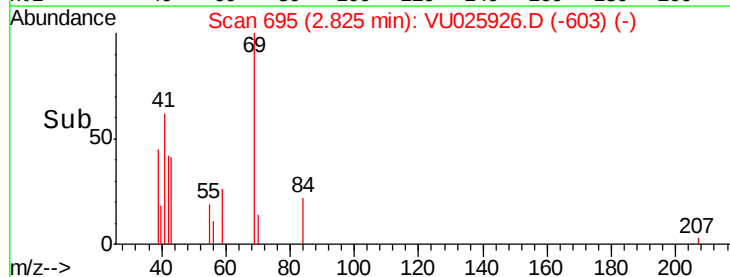
2.80

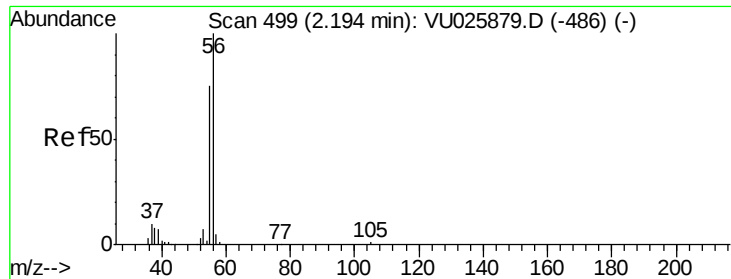
2.82

2.84

2.86

Time-->





#13

Acrolein

Concen: 31.591 ug/l

RT: 2.31 min Scan# 534

Delta R.T. 0.11 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

Instrument :

MSVOA_U

ClientSampleId :

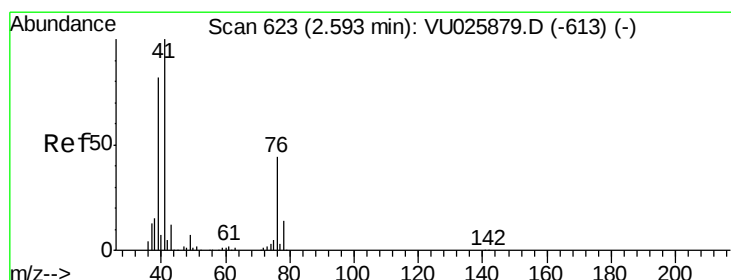
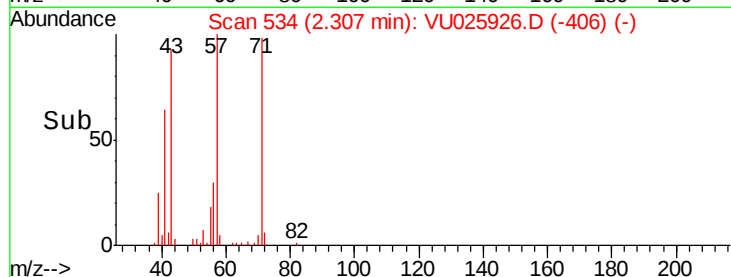
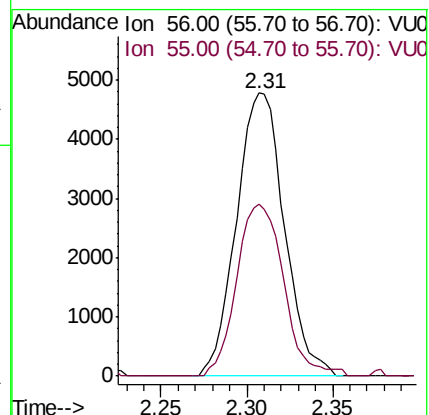
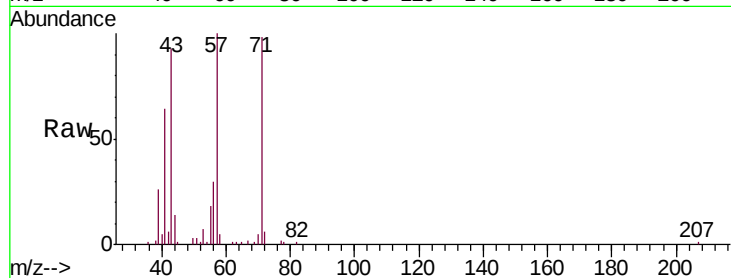
FL-0538

Tgt Ion: 56 Resp: 9256

Ion Ratio Lower Upper

56 100

55 59.6 57.2 85.8



#14

Allyl chloride

Concen: 7.428 ug/l

RT: 2.72 min Scan# 661

Delta R.T. 0.12 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

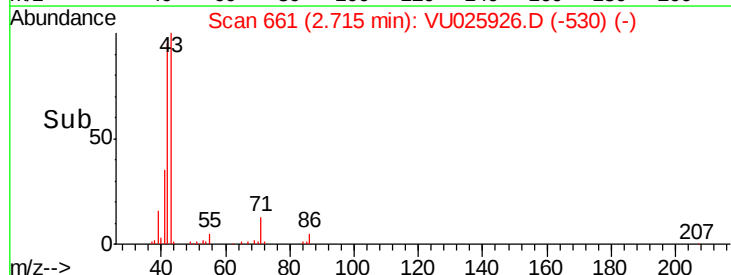
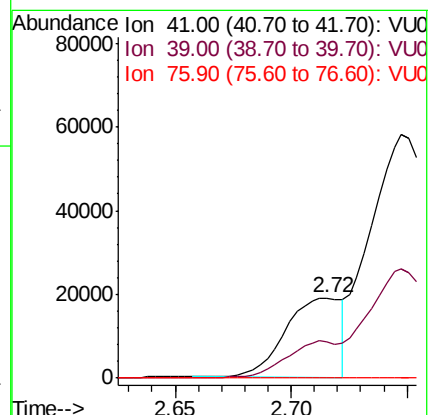
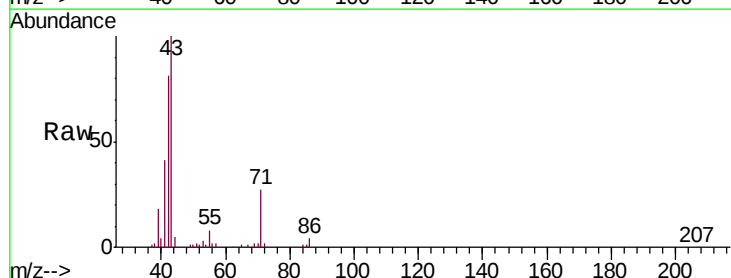
Tgt Ion: 41 Resp: 32181

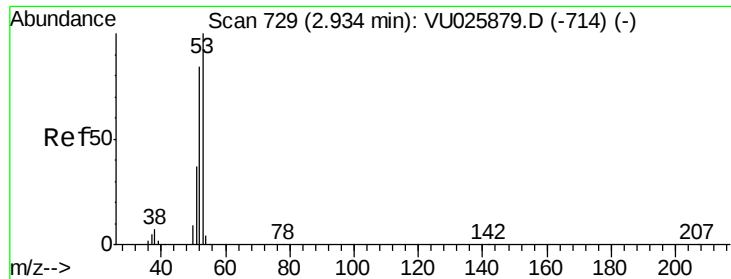
Ion Ratio Lower Upper

41 100

39 38.9 60.6 91.0#

76 0.0 30.5 45.7#





#15

Acrylonitrile

Concen: 6.785 ug/l

RT: 3.00 min Scan# 749

Delta R.T. 0.06 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

Instrument :

MSVOA_U

ClientSampleId :

FL-0538

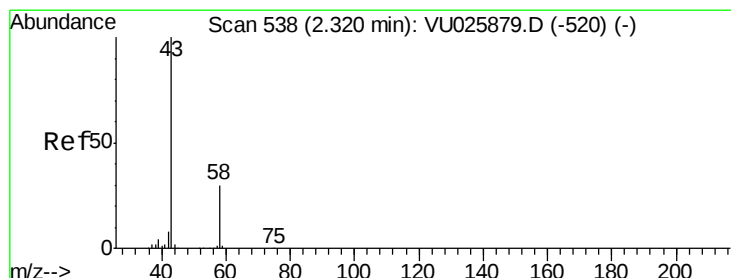
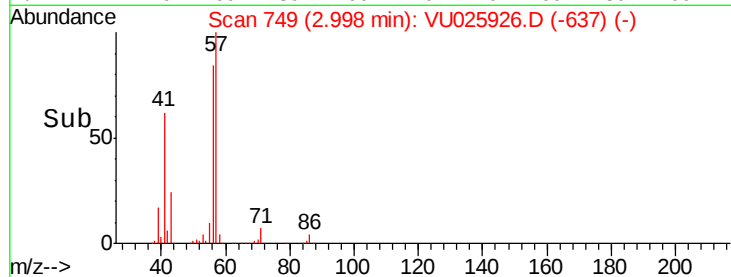
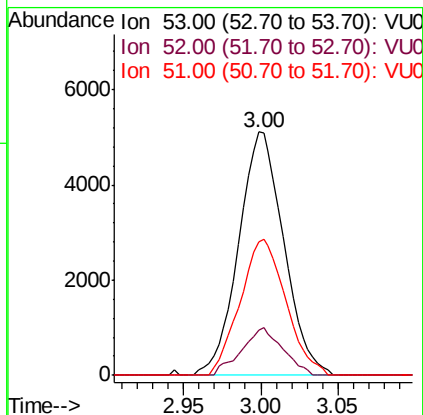
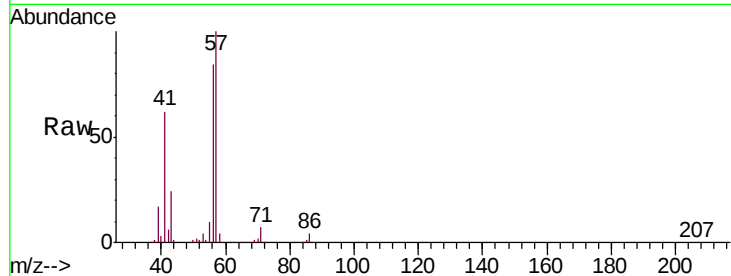
Tgt Ion: 53 Resp: 10376

Ion Ratio Lower Upper

53 100

52 17.9 66.6 99.8#

51 56.5 29.4 44.2#



#16

Acetone

Concen: 17.929 ug/l

RT: 2.31 min Scan# 534

Delta R.T. -0.02 min

Lab File: VU025926.D

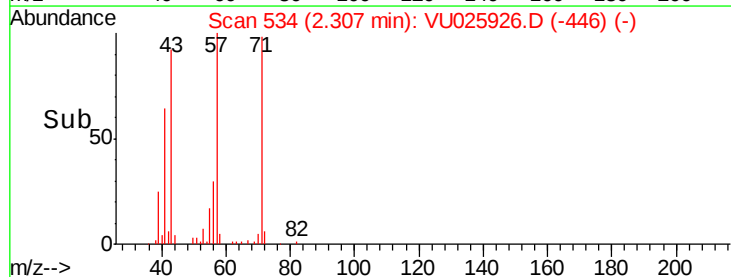
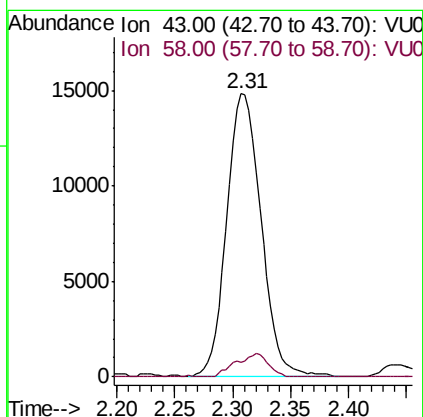
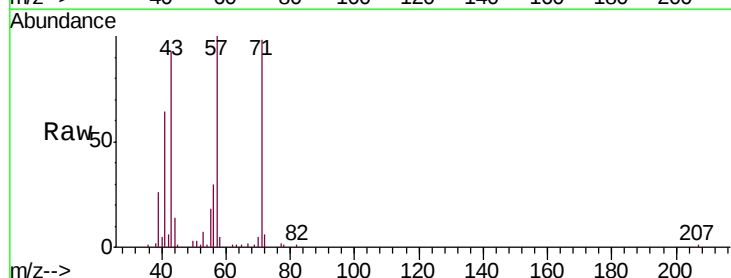
Acq: 07 Aug 2018 07:45

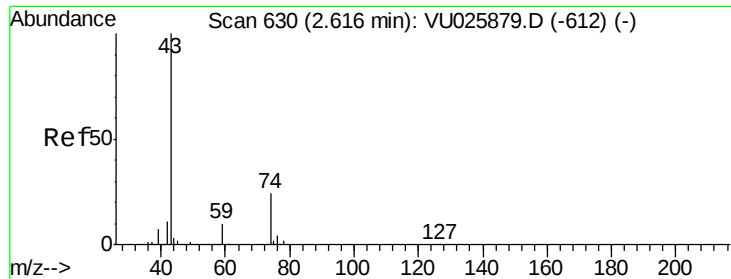
Tgt Ion: 43 Resp: 30582

Ion Ratio Lower Upper

43 100

58 5.3 23.1 34.7#

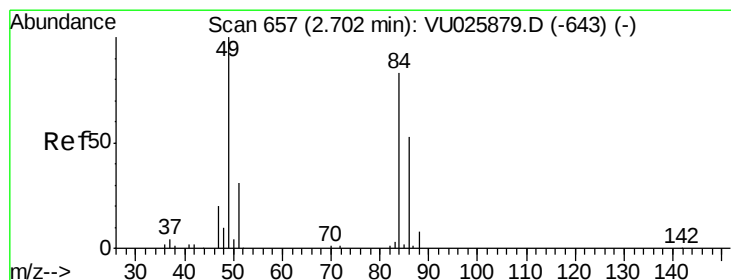
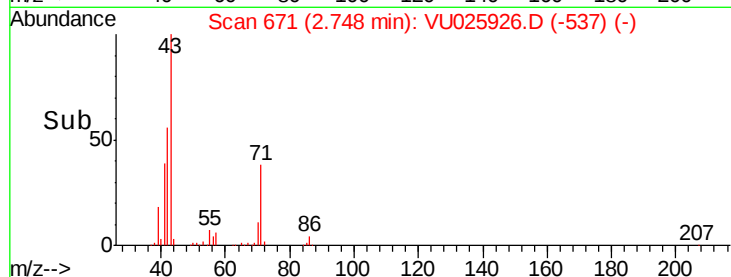
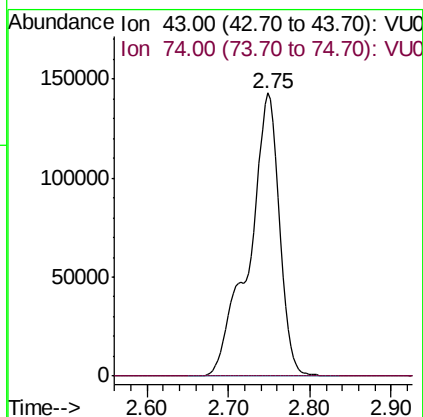
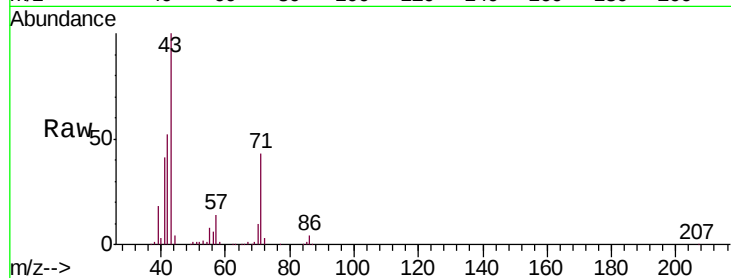




#18
Methyl Acetate
Concen: 88.730 ug/l
RT: 2.75 min Scan# 671
Delta R.T. 0.13 min
Lab File: VU025926.D
Acq: 07 Aug 2018 07:45

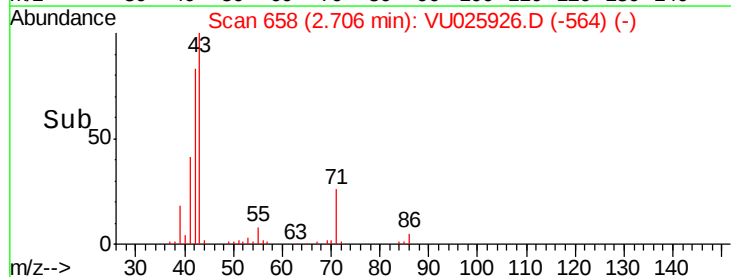
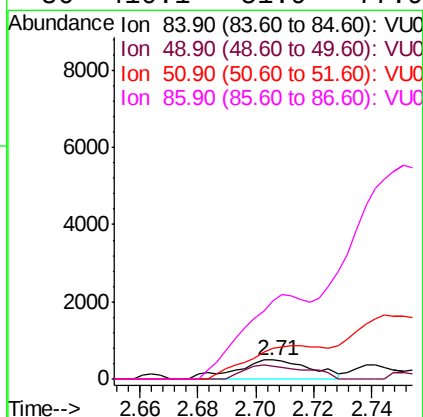
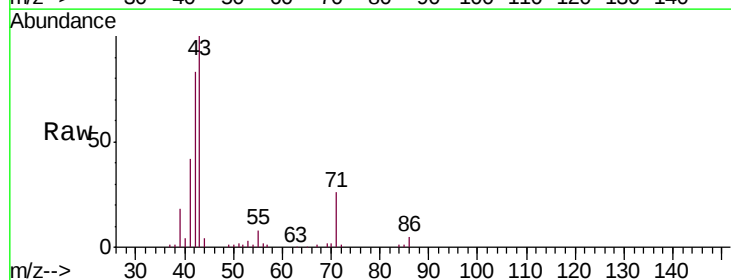
Instrument :
MSVOA_U
ClientSampleId :
FL-0538

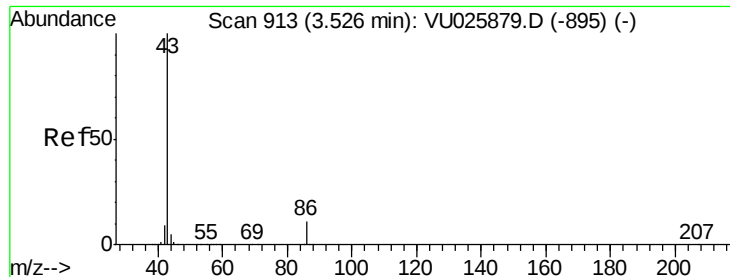
Tgt Ion: 43 Resp: 364279
Ion Ratio Lower Upper
43 100
74 0.0 18.5 27.7#



#20
Methylene Chloride
Concen: 0.291 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025926.D
Acq: 07 Aug 2018 07:45

Tgt Ion: 84 Resp: 879
Ion Ratio Lower Upper
84 100
49 66.9 101.8 152.6#
51 158.6 30.8 46.2#
86 410.1 51.9 77.9#





#23

Vinyl Acetate

Concen: 16.806 ug/l

RT: 3.31 min Scan# 845

Delta R.T. -0.22 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

Instrument :

MSVOA_U

ClientSampleId :

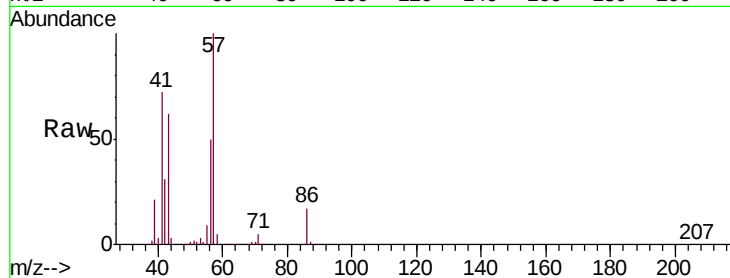
FL-0538

Tgt Ion: 43 Resp: 125046

Ion Ratio Lower Upper

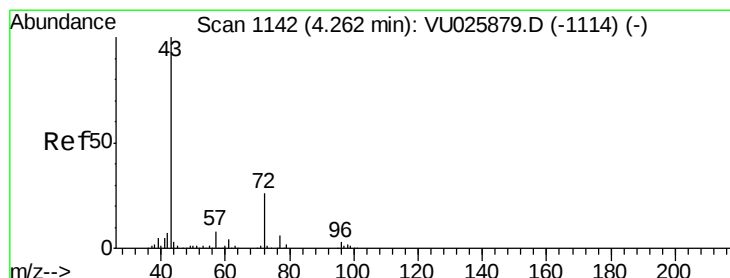
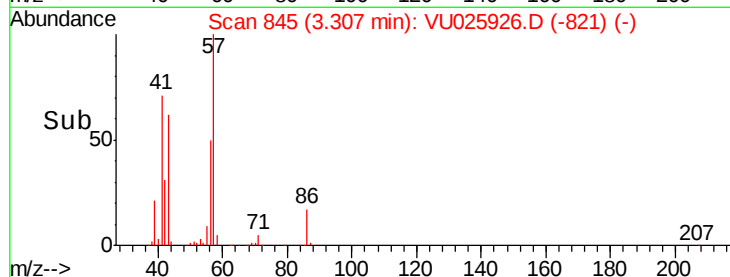
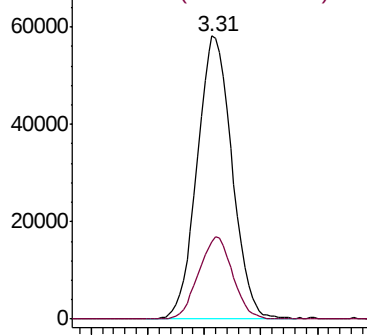
43 100

86 27.4 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#25

2-Butanone

Concen: 2.118 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.04 min

Lab File: VU025926.D

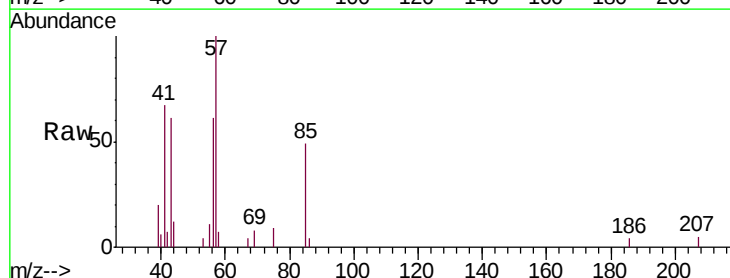
Acq: 07 Aug 2018 07:45

Tgt Ion: 43 Resp: 4917

Ion Ratio Lower Upper

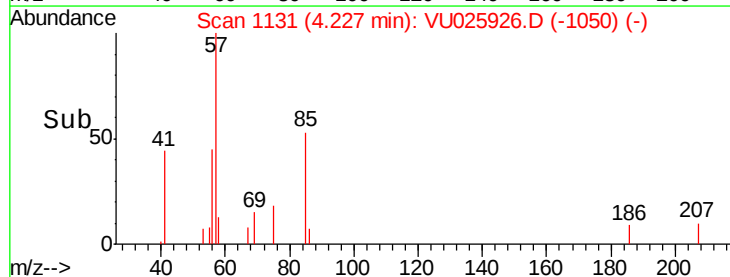
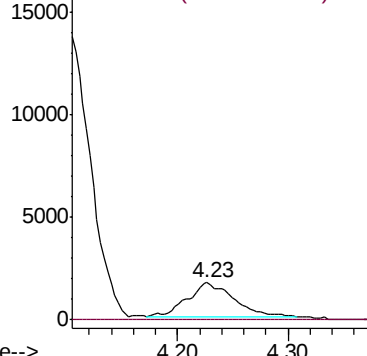
43 100

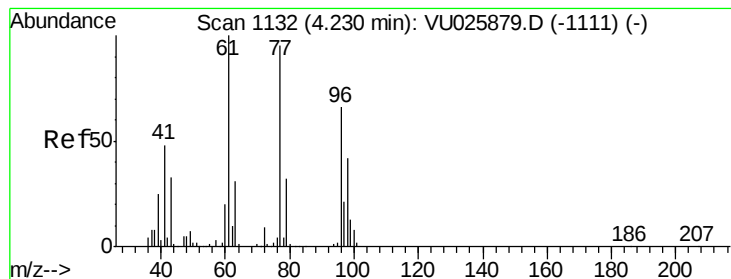
72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0





#26

2,2-Dichloropropane

Concen: 0.828 ug/l

RT: 4.11 min Scan# 1094

Delta R.T. -0.12 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

Instrument :

MSVOA_U

ClientSampled :

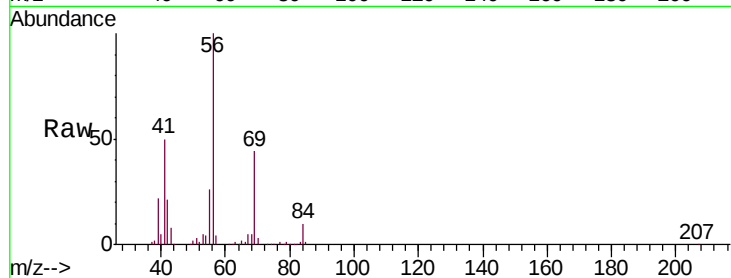
FL-0538

Tgt Ion: 77 Resp: 3855

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.5#



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

4.11

1500

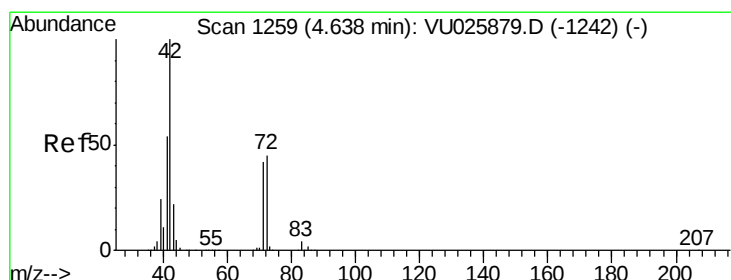
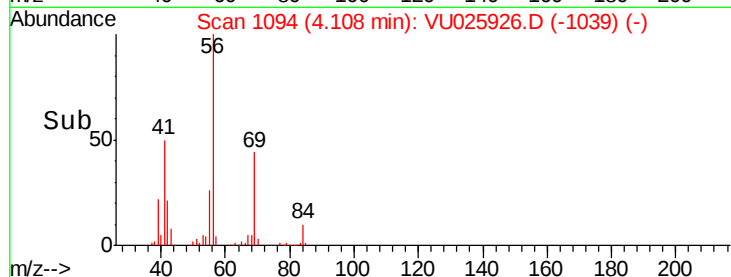
1000

500

0

4.05 4.10 4.15

Time-->



#29

Tetrahydrofuran

Concen: 1.238 ug/l

RT: 4.73 min Scan# 1288

Delta R.T. 0.09 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

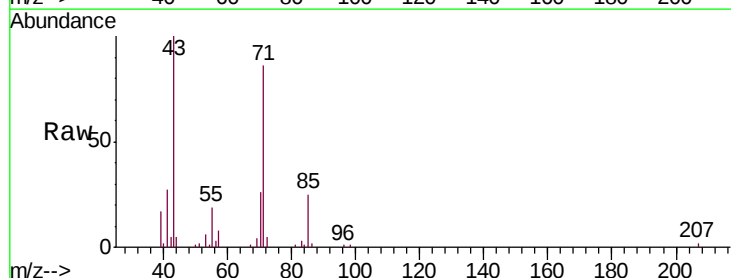
Tgt Ion: 42 Resp: 1722

Ion Ratio Lower Upper

42 100

72 107.7 36.7 55.1#

71 2036.5 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

15000

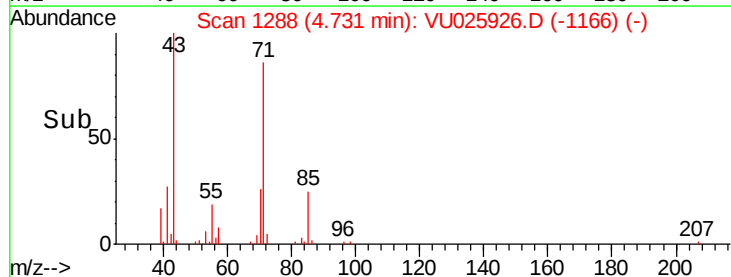
10000

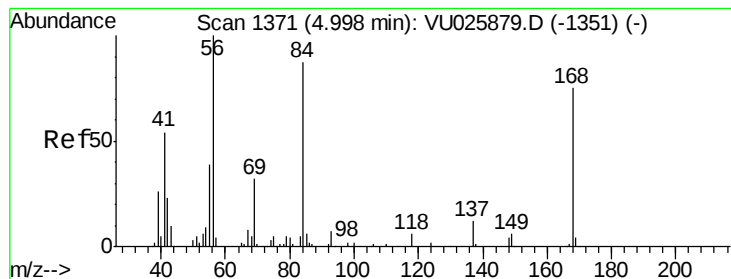
5000

0

4.70 4.75 4.80

Time-->





#31

Cyclohexane

Concen: 78.267 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

Instrument :

MSVOA_U

ClientSampleId :

FL-0538

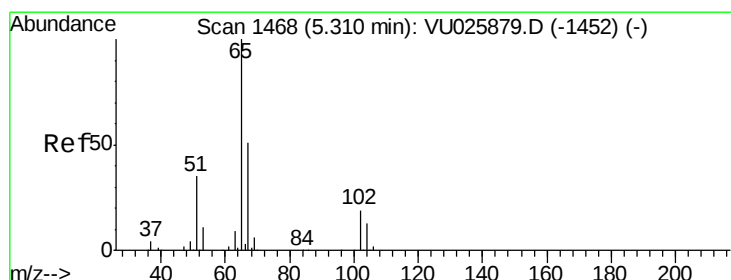
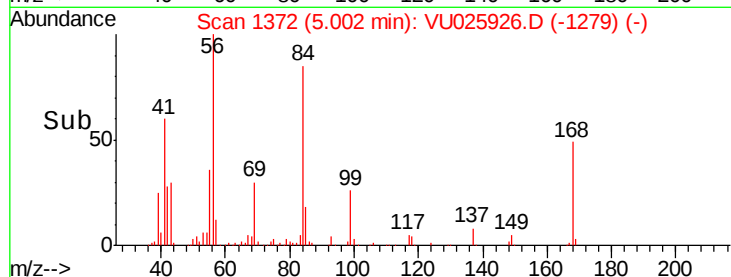
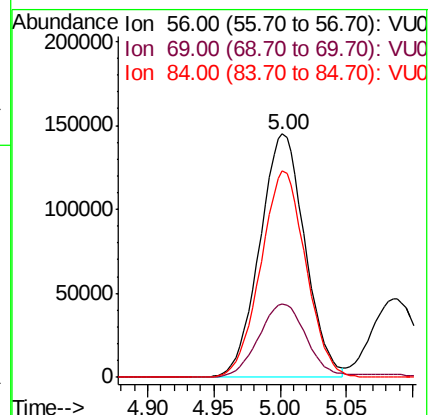
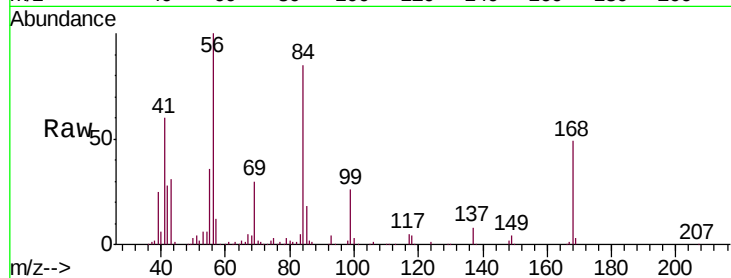
Tgt Ion: 56 Resp: 345515

Ion Ratio Lower Upper

56 100

69 30.1 26.8 40.2

84 84.8 69.7 104.5



#33

1,2-Dichloroethane-d4

Concen: 46.158 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025926.D

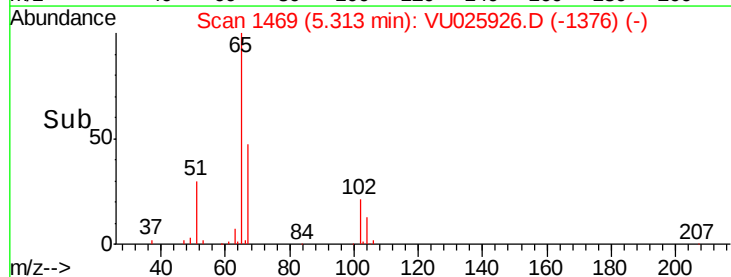
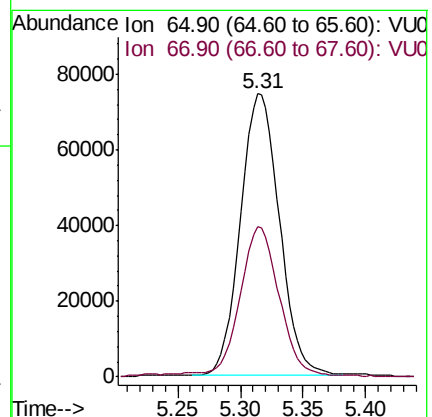
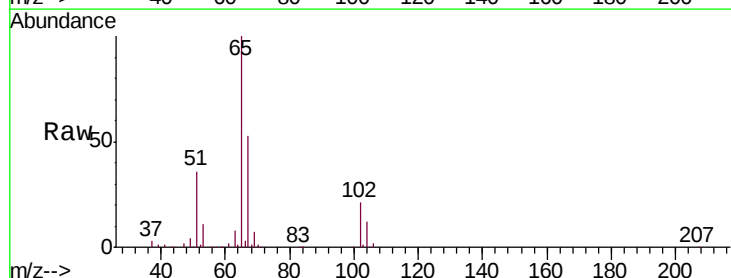
Acq: 07 Aug 2018 07:45

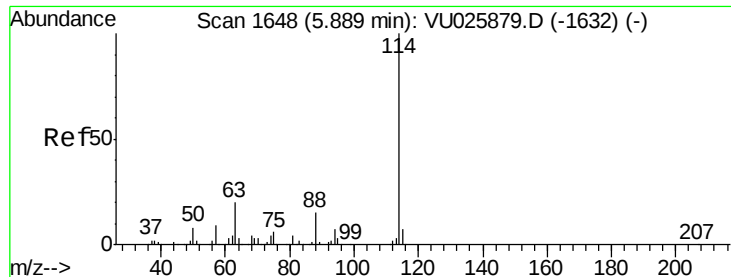
Tgt Ion: 65 Resp: 161491

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.6

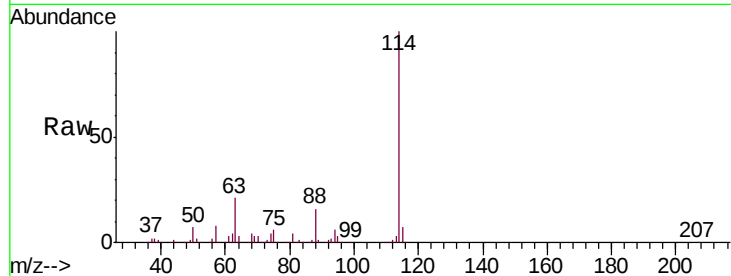




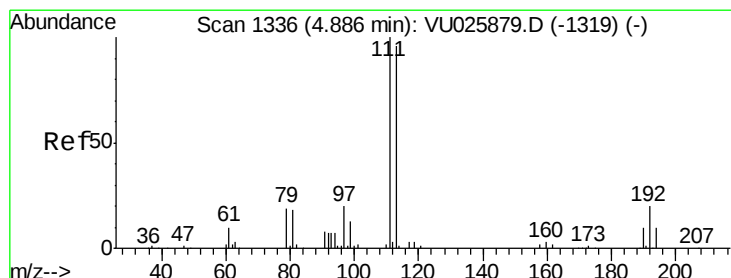
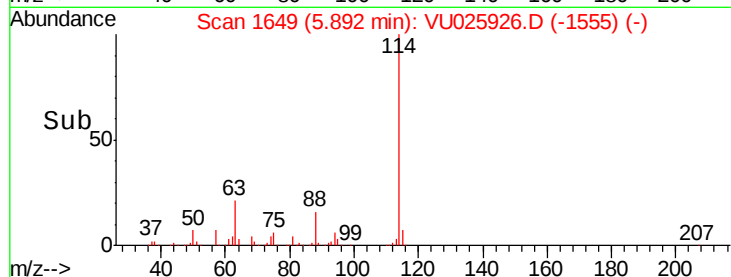
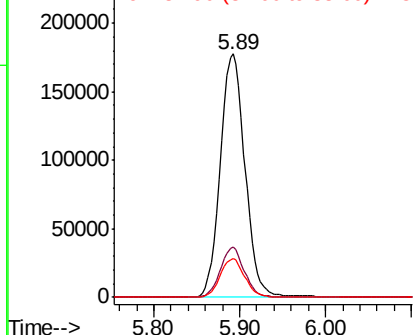
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025926.D
 Acq: 07 Aug 2018 07:45

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0538

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.6
88	16.1	0.0	32.4

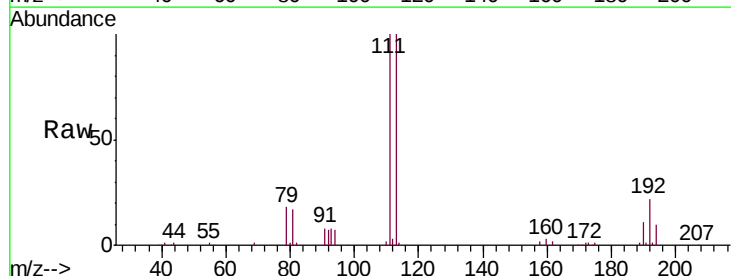


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

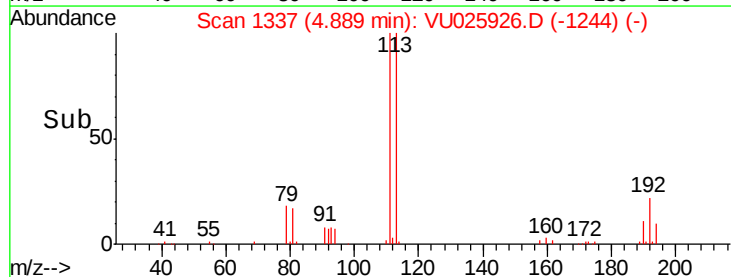
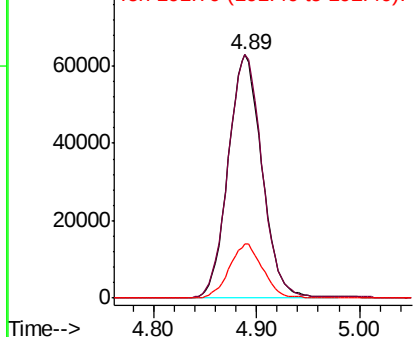


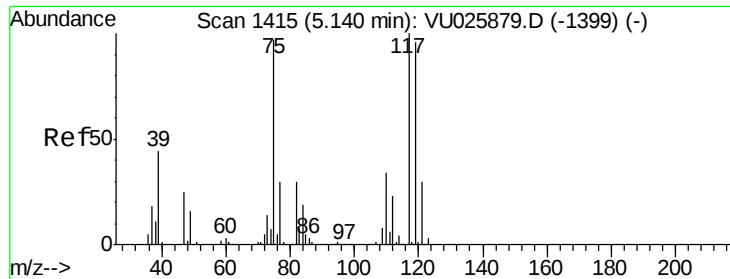
#35
 Dibromofluoromethane
 Concen: 46.311 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025926.D
 Acq: 07 Aug 2018 07:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.7	122.5
192	21.9	17.1	25.7



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: 3.634 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

Instrument :

MSVOA_U

ClientSampleId :

FL-0538

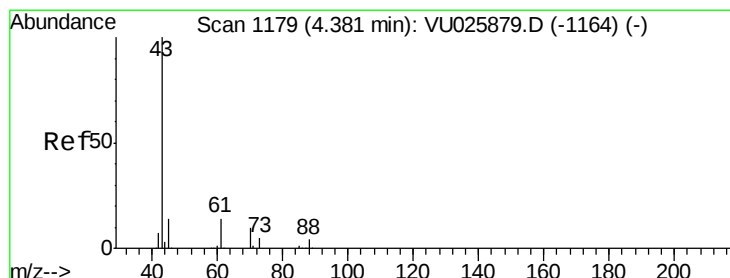
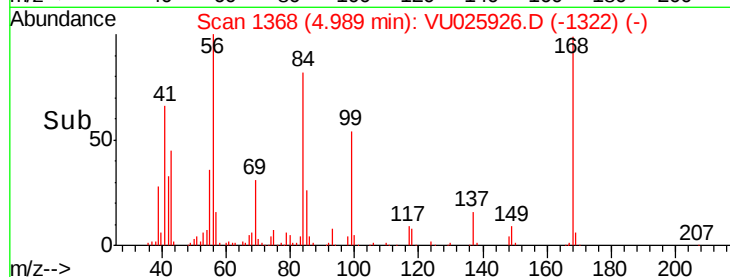
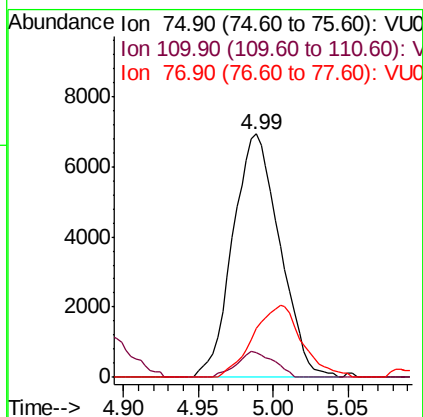
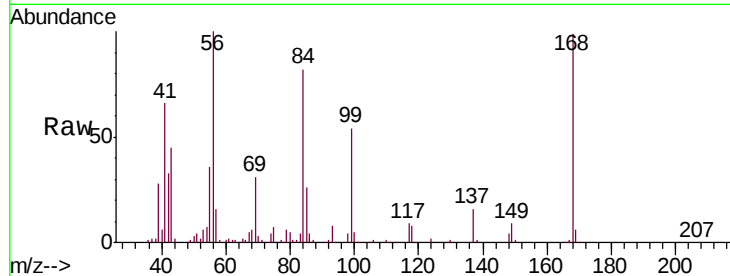
Tgt Ion: 75 Resp: 15130

Ion Ratio Lower Upper

75 100

110 8.5 17.6 52.9#

77 30.9 24.4 36.6



#37

Ethyl Acetate

Concen: 1.139 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.16 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

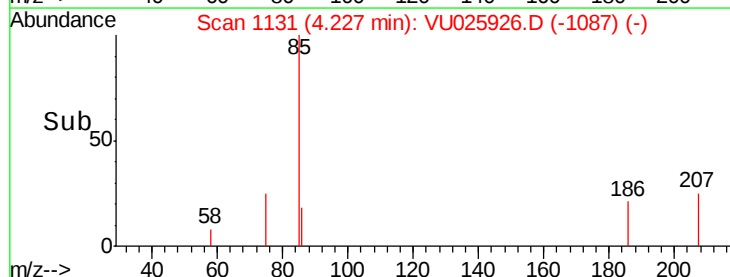
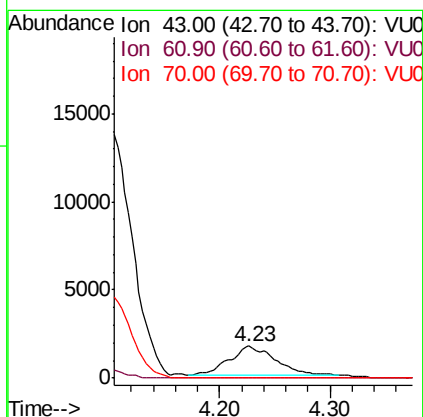
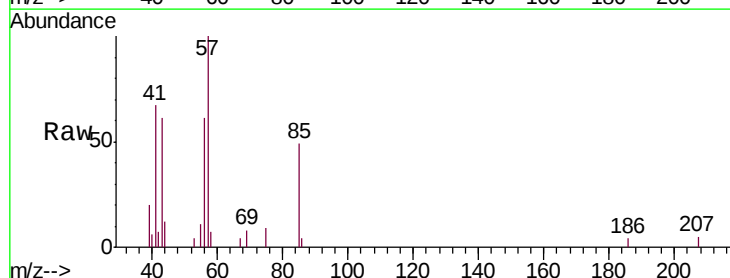
Tgt Ion: 43 Resp: 4917

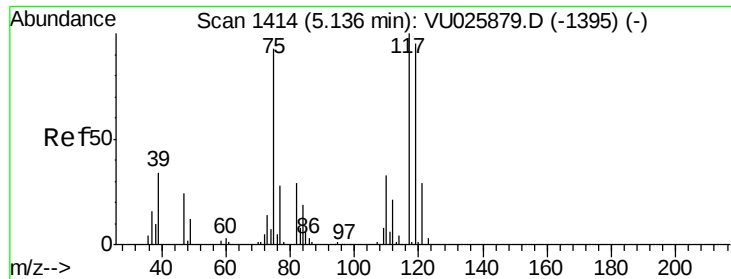
Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

70 0.0 8.4 12.6#





#38

Carbon Tetrachloride

Concen: 4.447 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

Instrument :

MSVOA_U

ClientSampleId :

FL-0538

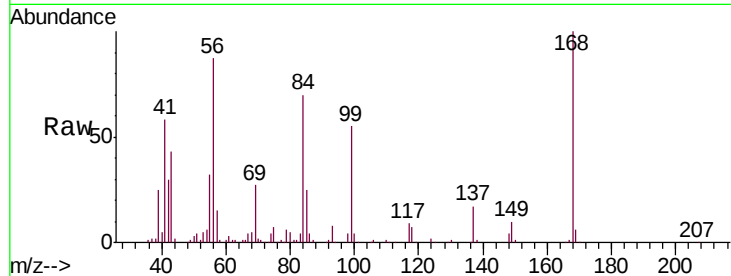
Tgt Ion:117 Resp: 20971

Ion Ratio Lower Upper

117 100

119 5.0 75.7 113.5#

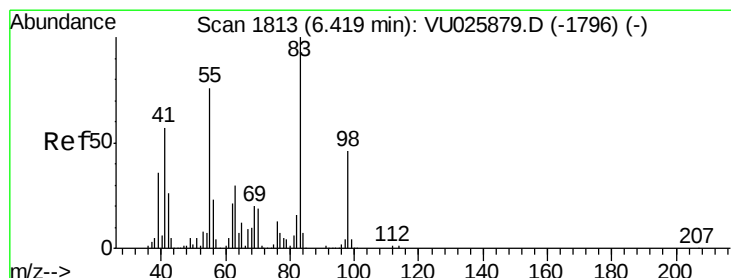
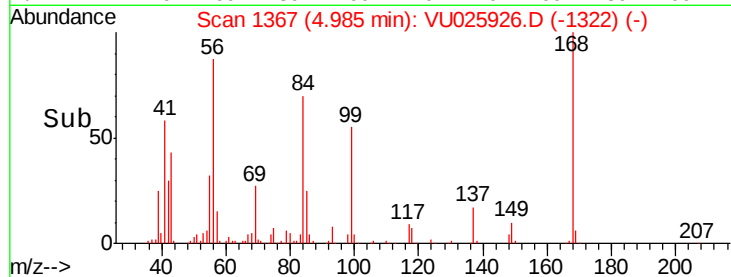
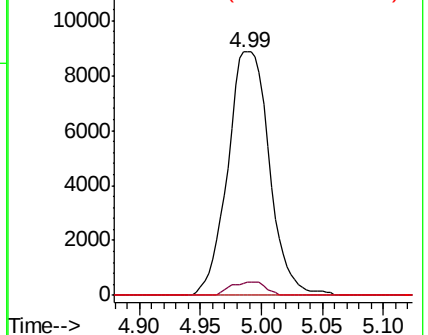
121 0.0 24.6 36.8#



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: 117.982 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

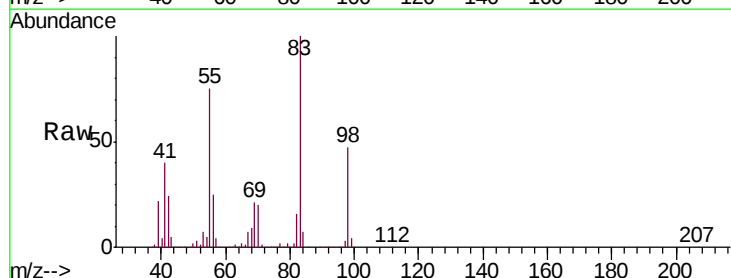
Tgt Ion: 83 Resp: 562868

Ion Ratio Lower Upper

83 100

55 75.5 60.0 90.0

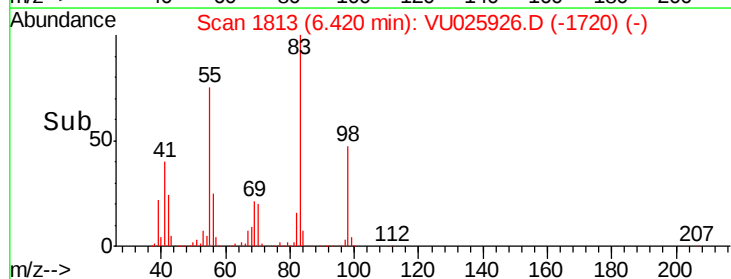
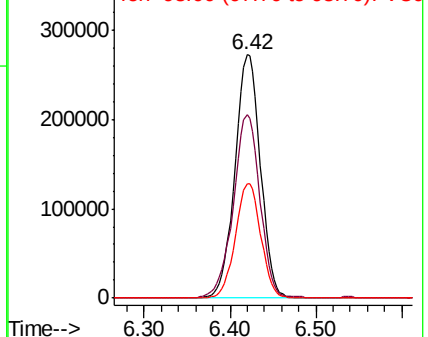
98 46.9 36.1 54.1

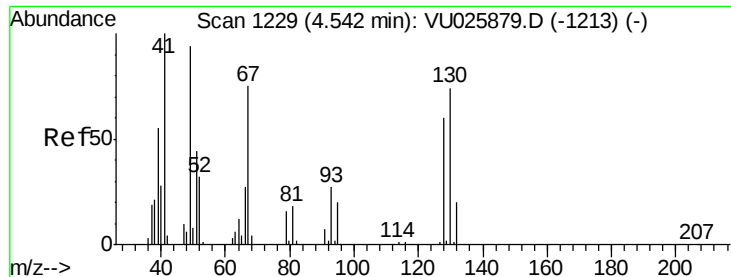


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

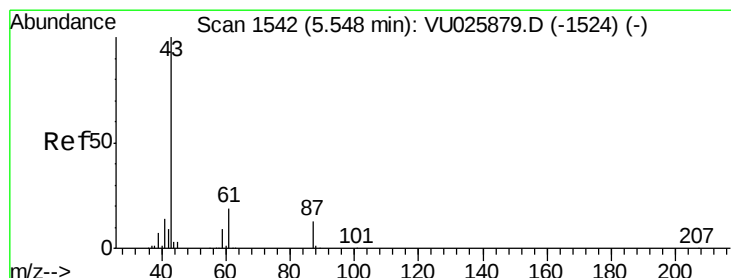
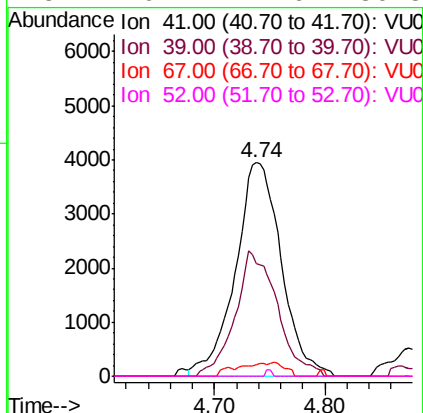
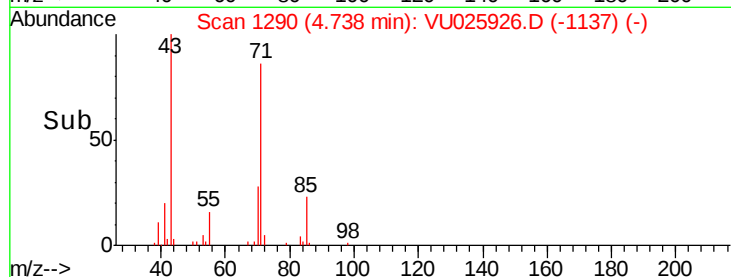
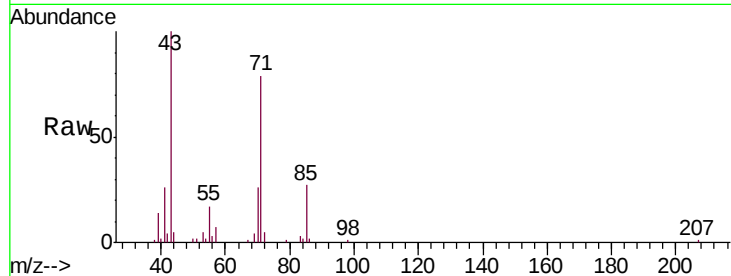




#41
Methacrylonitrile
Concen: 4.762 ug/l
RT: 4.74 min Scan# 1290
Delta R.T. 0.19 min
Lab File: VU025926.D
Acq: 07 Aug 2018 07:45

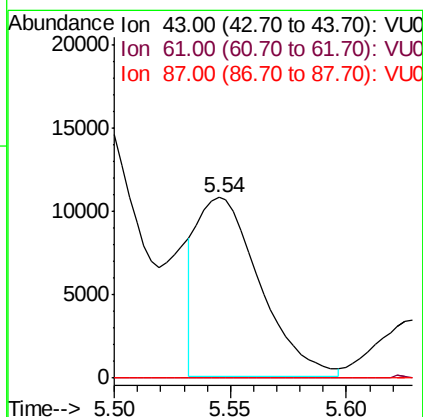
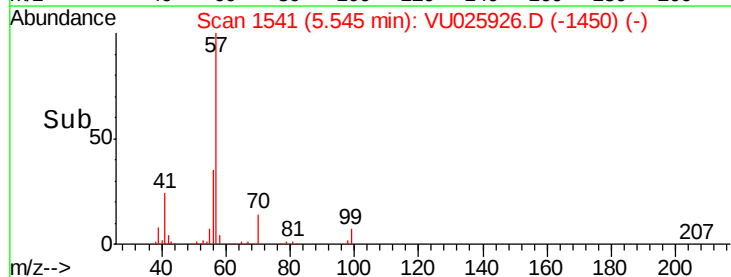
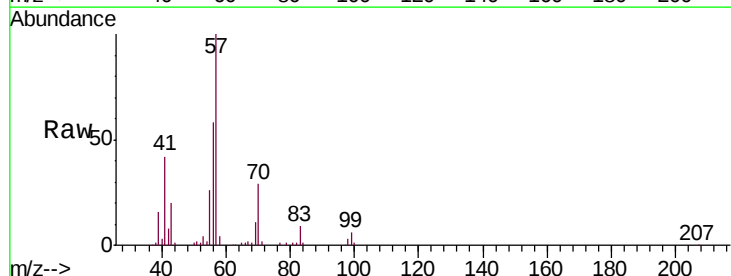
Instrument :
MSVOA_U
ClientSampled :
FL-0538

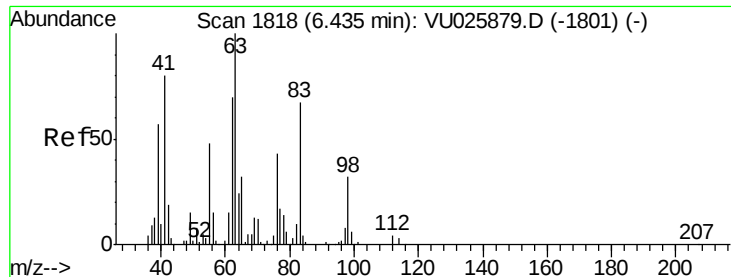
Tgt Ion:	41	Resp:	11419
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.4	66.6#
67	3.8	56.0	84.0#
52	0.4	24.6	36.8#



#43
Isopropyl Acetate
Concen: 2.812 ug/l
RT: 5.54 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VU025926.D
Acq: 07 Aug 2018 07:45

Tgt Ion:	43	Resp:	20065
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.5	23.3#
87	0.0	10.6	16.0#

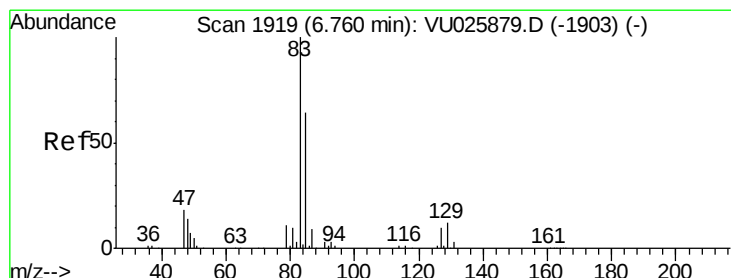
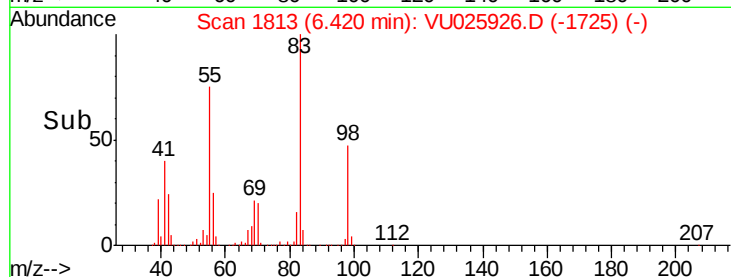
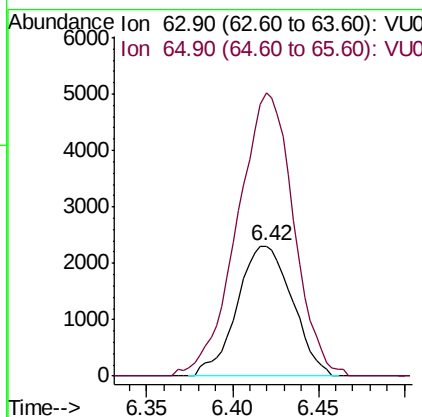
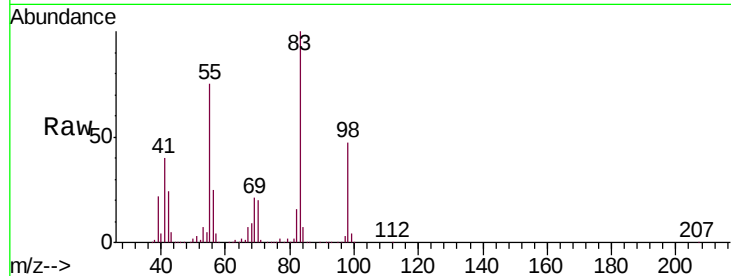




#45
 1,2-Dichloropropane
 Concen: 1.615 ug/l
 RT: 6.42 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: VU025926.D
 Acq: 07 Aug 2018 07:45

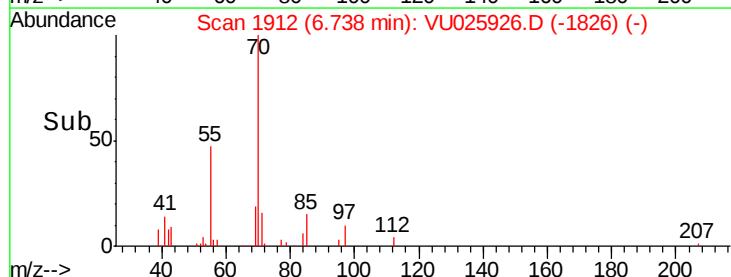
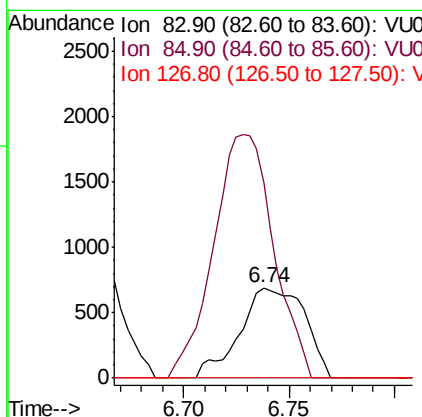
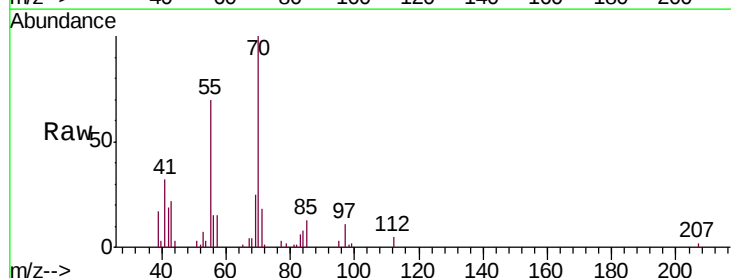
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0538

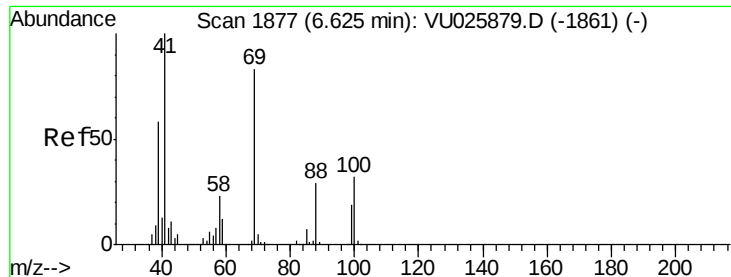
Tgt Ion: 63 Resp: 5126
 Ion Ratio Lower Upper
 63 100
 65 212.1 26.1 39.1#



#47
 Bromodichloromethane
 Concen: 0.338 ug/l
 RT: 6.74 min Scan# 1912
 Delta R.T. -0.02 min
 Lab File: VU025926.D
 Acq: 07 Aug 2018 07:45

Tgt Ion: 83 Resp: 1481
 Ion Ratio Lower Upper
 83 100
 85 216.7 50.2 75.4#
 127 0.0 7.2 10.8#

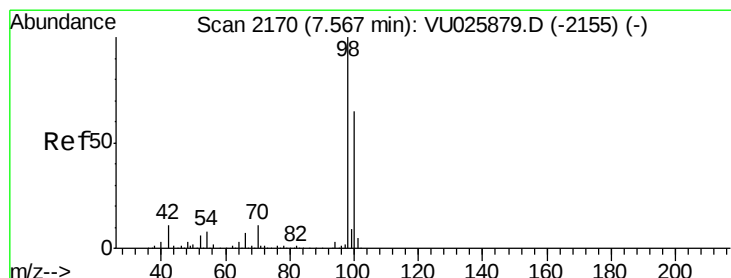
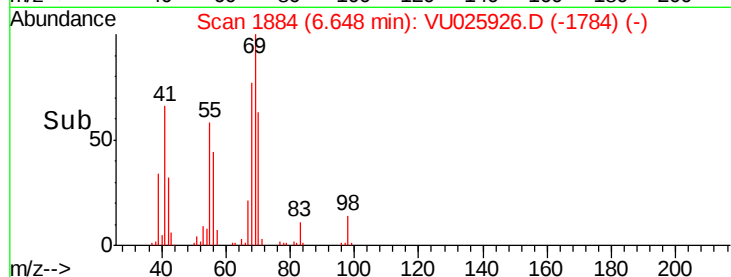
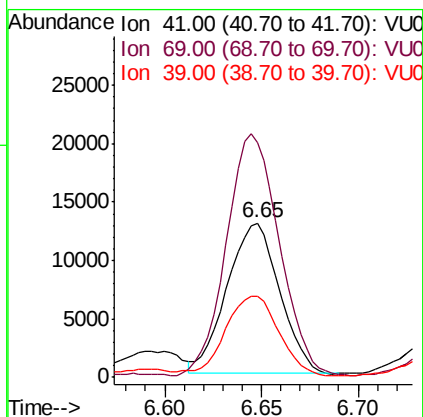
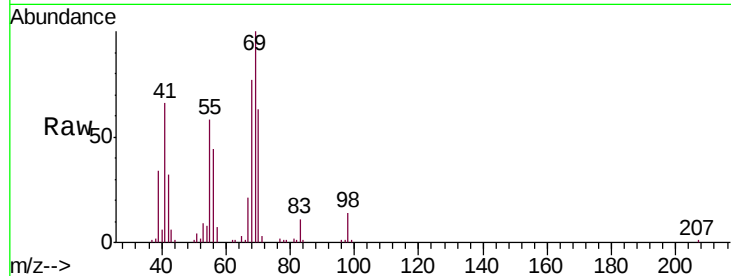




#48
Methyl methacrylate
Concen: 7.003 ug/l
RT: 6.65 min Scan# 1884
Delta R.T. 0.02 min
Lab File: VU025926.D
Acq: 07 Aug 2018 07:45

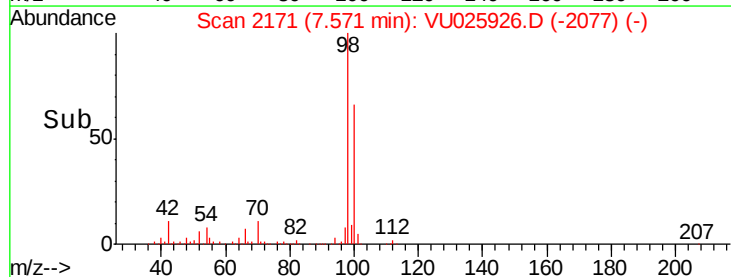
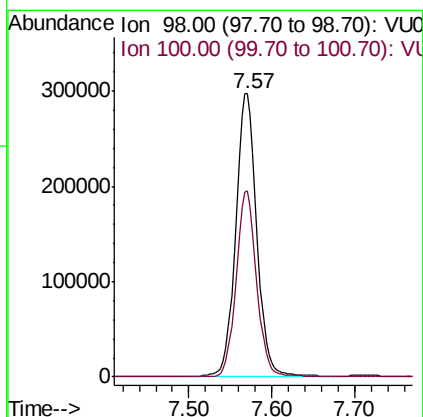
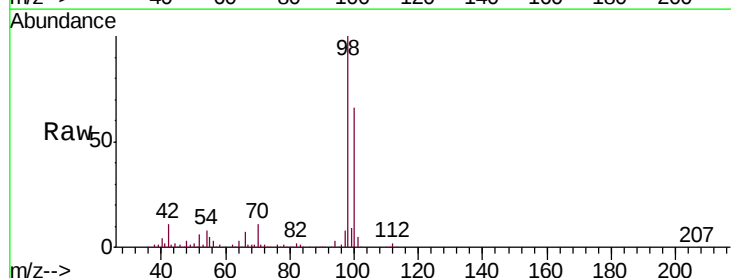
Instrument :
MSVOA_U
ClientSampleId :
FL-0538

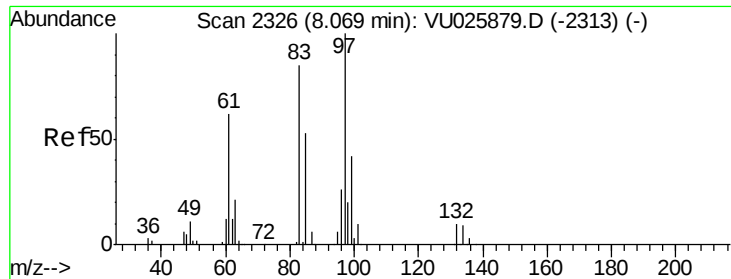
Tgt Ion: 41 Resp: 24489
Ion Ratio Lower Upper
41 100
69 161.2 65.0 97.4#
39 53.1 46.4 69.6



#50
Toluene-d8
Concen: 49.088 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025926.D
Acq: 07 Aug 2018 07:45

Tgt Ion: 98 Resp: 532296
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7

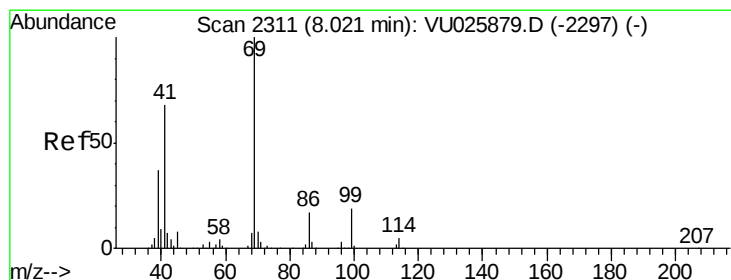
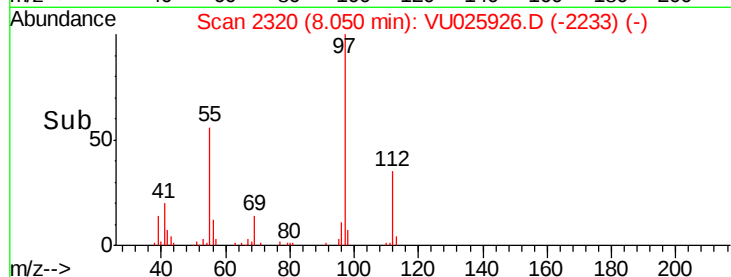
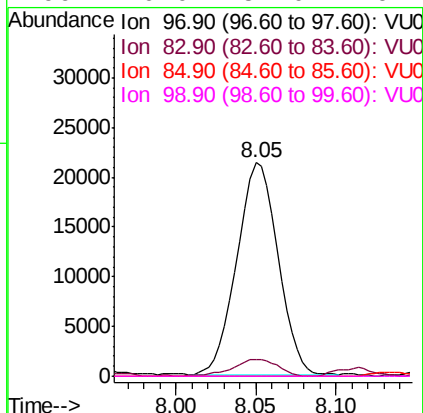
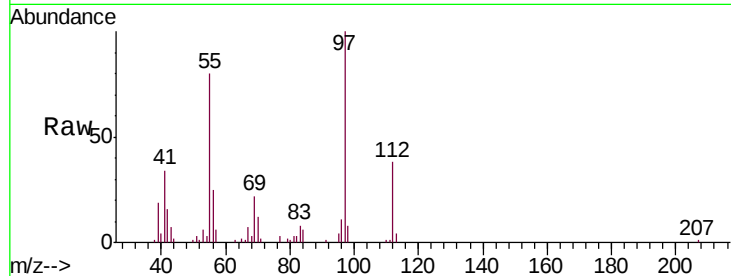




#55
 1,1,2-Trichloroethane
 Concen: 11.907 ug/l
 RT: 8.05 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: VU025926.D
 Acq: 07 Aug 2018 07:45

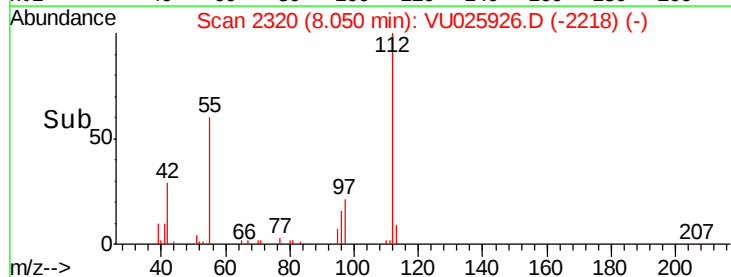
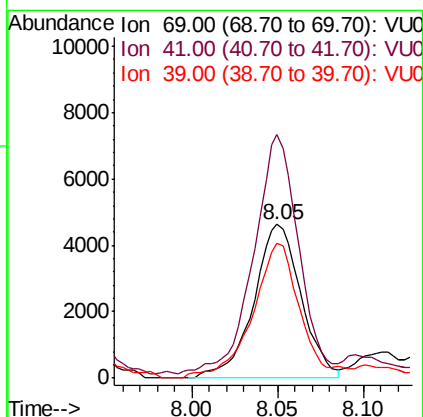
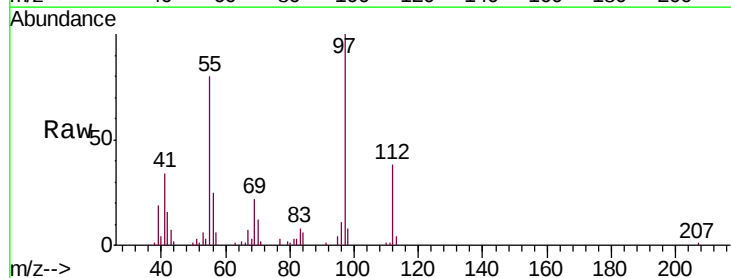
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0538

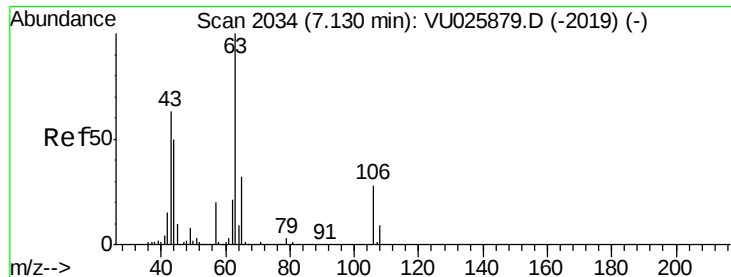
Tgt Ion: 97 Resp: 37414
 Ion Ratio Lower Upper
 97 100
 83 7.4 68.9 103.3#
 85 0.0 44.4 66.6#
 99 0.0 51.0 76.4#



#56
 Ethyl methacrylate
 Concen: 1.976 ug/l
 RT: 8.05 min Scan# 2320
 Delta R.T. 0.03 min
 Lab File: VU025926.D
 Acq: 07 Aug 2018 07:45

Tgt Ion: 69 Resp: 8873
 Ion Ratio Lower Upper
 69 100
 41 144.9 54.8 82.2#
 39 87.8 31.1 46.7#

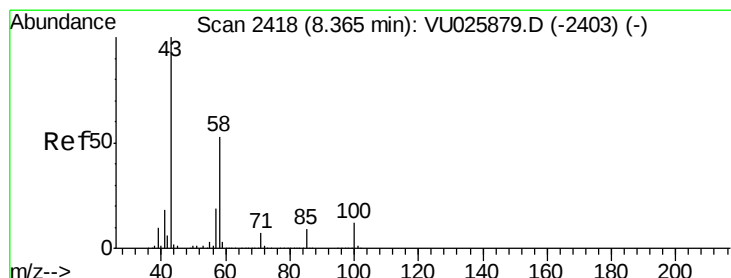
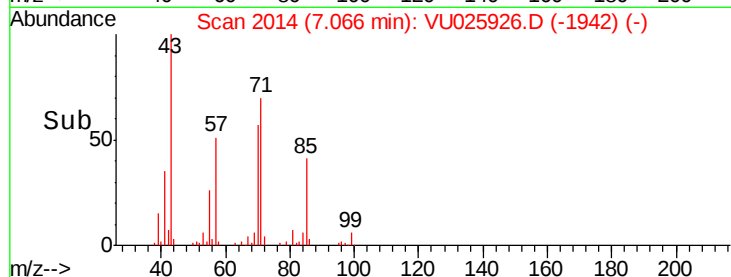
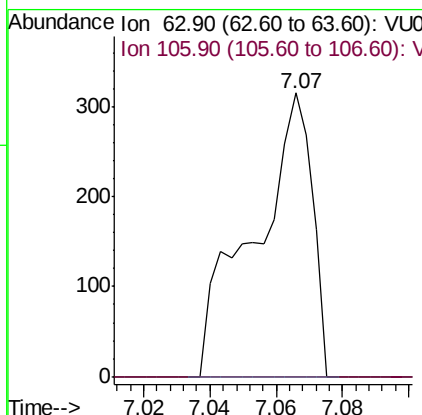
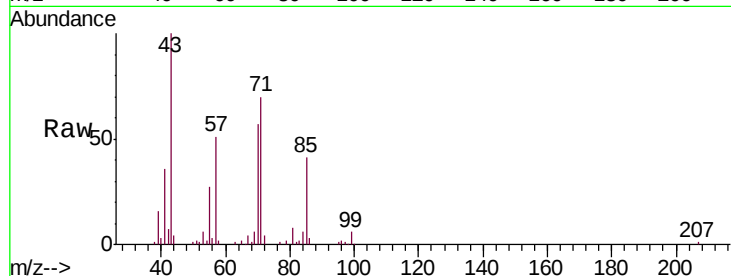




#58
 2-Chloroethyl Vinyl ether
 Concen: 7.260 ug/l
 RT: 7.07 min Scan# 2014
 Delta R.T. -0.07 min
 Lab File: VU025926.D
 Acq: 07 Aug 2018 07:45

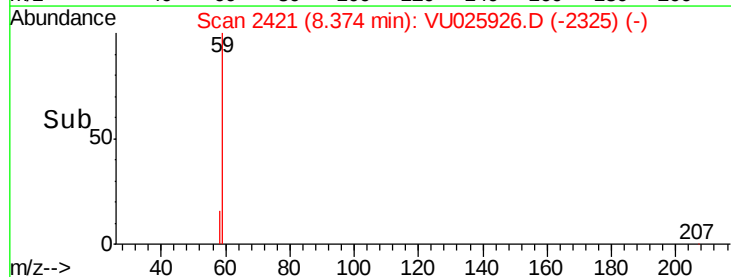
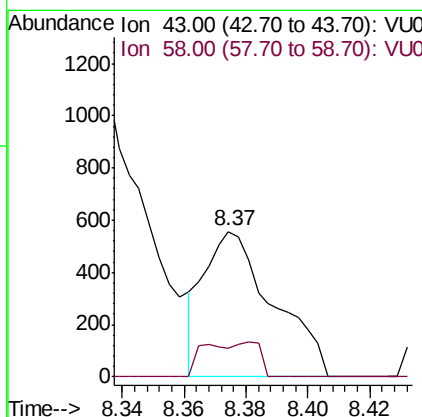
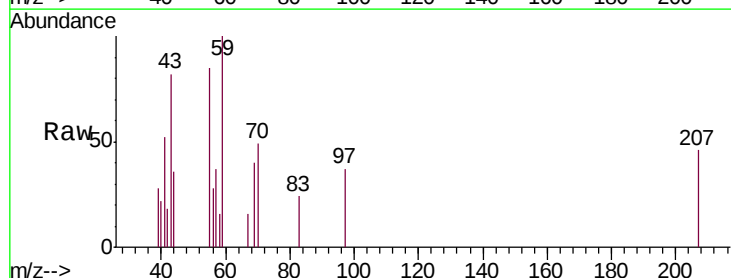
Instrument :
 MSVOA_U
 ClientSampleID :
 FL-0538

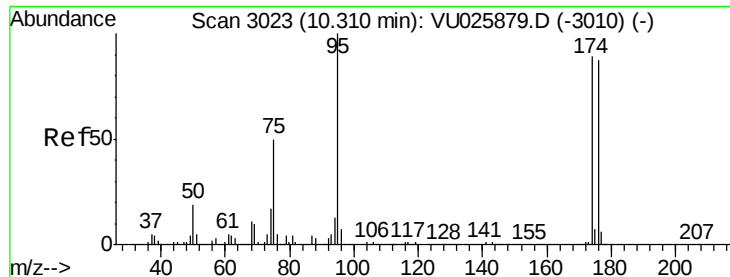
Tgt Ion: 63 Resp: 385
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.3 33.5#



#59
 2-Hexanone
 Concen: 0.247 ug/l
 RT: 8.37 min Scan# 2421
 Delta R.T. 0.01 min
 Lab File: VU025926.D
 Acq: 07 Aug 2018 07:45

Tgt Ion: 43 Resp: 865
 Ion Ratio Lower Upper
 43 100
 58 10.5 26.2 78.5#

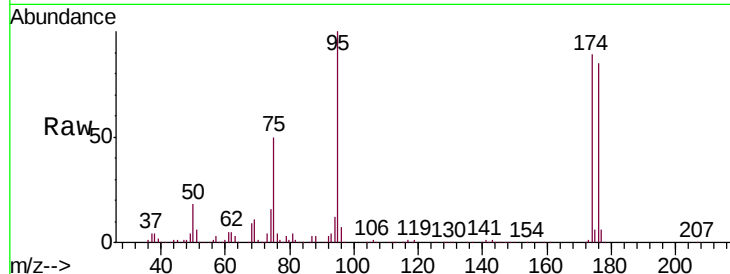




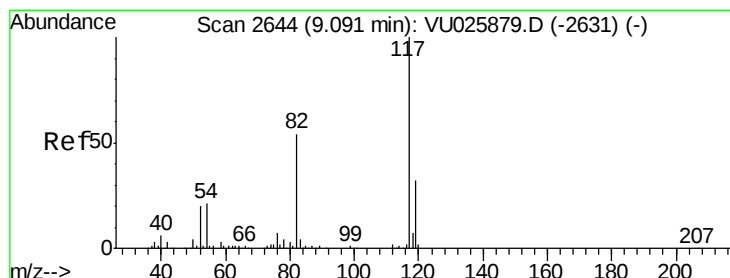
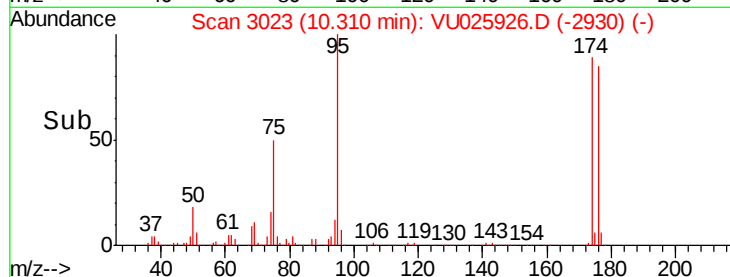
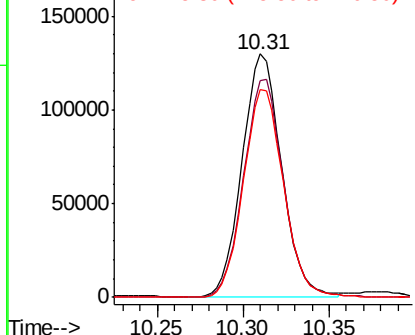
#62
4-Bromofluorobenzene
Concen: 49.163 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025926.D
Acq: 07 Aug 2018 07:45

Instrument :
MSVOA_U
ClientSampleId :
FL-0538

Tgt Ion: 95 Resp: 206923
Ion Ratio Lower Upper
95 100
174 90.4 0.0 172.2
176 87.1 0.0 162.6

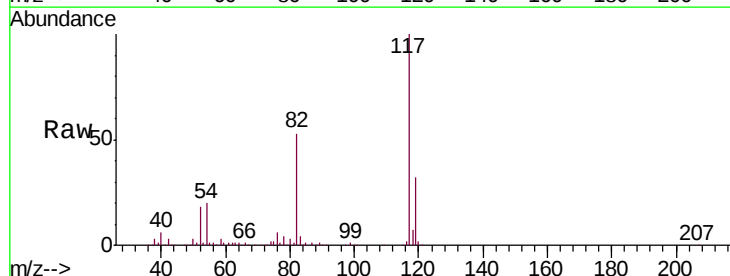


Abundance Ion 94.90 (94.60 to 95.60): VU025879.D (-3010) (-)
Ion 173.80 (173.50 to 174.50): VU025879.D (-3010) (-)
Ion 175.80 (175.50 to 176.50): VU025879.D (-3010) (-)

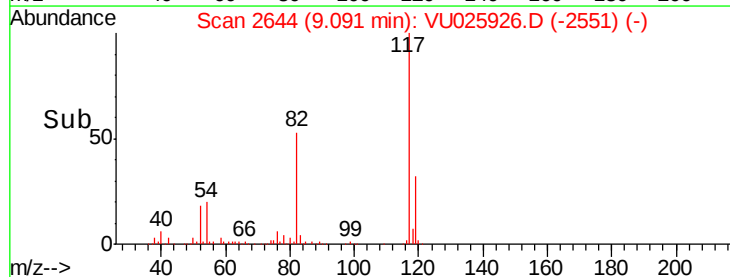
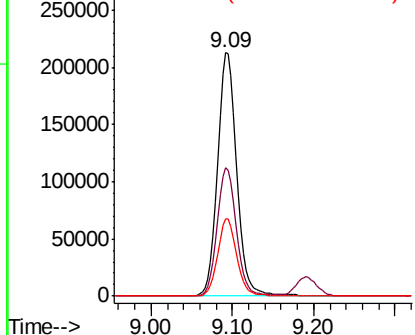


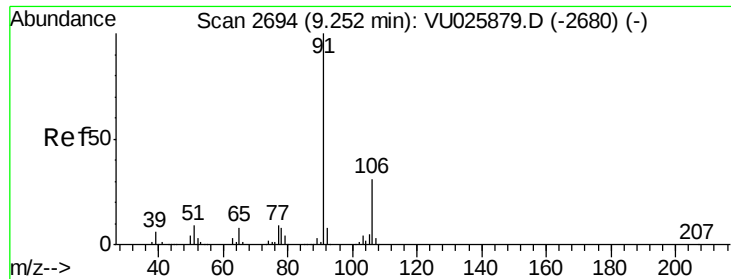
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025926.D
Acq: 07 Aug 2018 07:45

Tgt Ion: 117 Resp: 354670
Ion Ratio Lower Upper
117 100
82 52.5 46.0 69.0
119 31.9 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): VU025879.D (-2631) (-)
Ion 82.00 (81.70 to 82.70): VU025879.D (-2631) (-)
Ion 118.90 (118.60 to 119.60): VU025879.D (-2631) (-)





#67

Ethyl Benzene

Concen: 5.533 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

Instrument :

MSVOA_U

ClientSampleId :

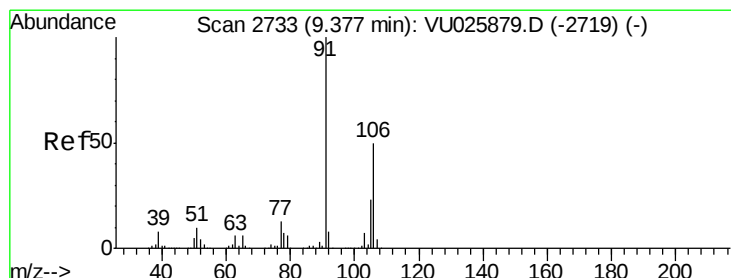
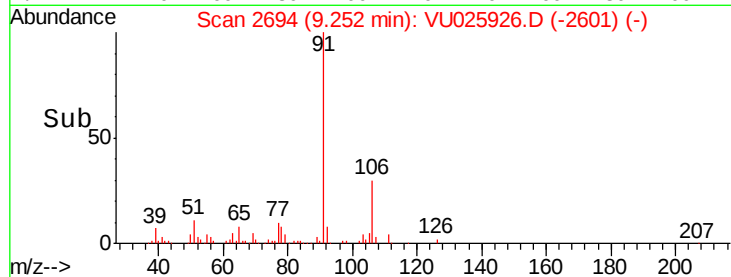
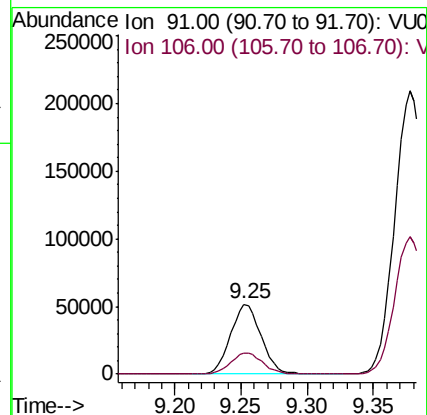
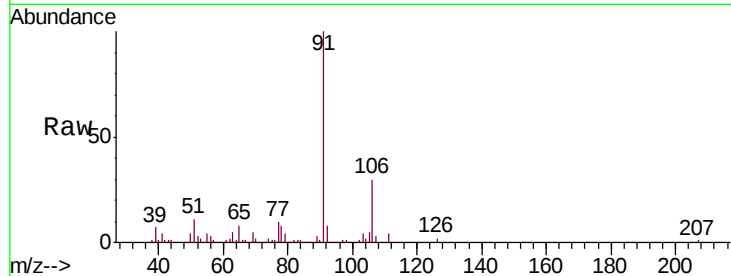
FL-0538

Tgt Ion: 91 Resp: 83815

Ion Ratio Lower Upper

91 100

106 30.4 25.3 37.9



#68

m/p-Xylenes

Concen: 29.132 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025926.D

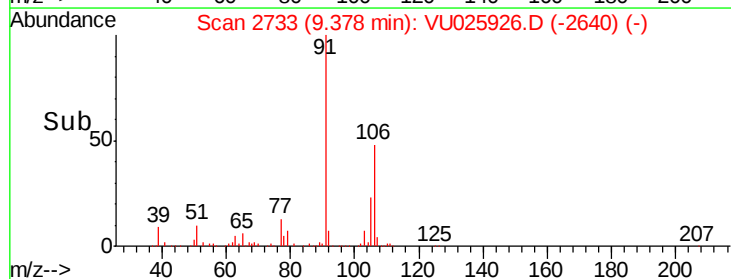
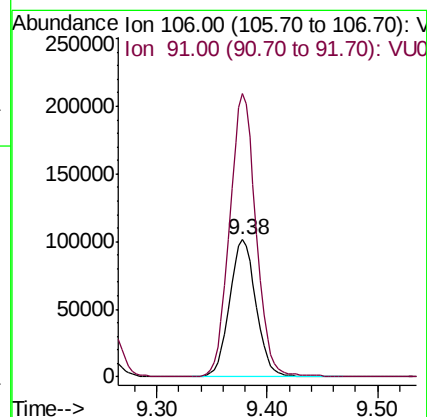
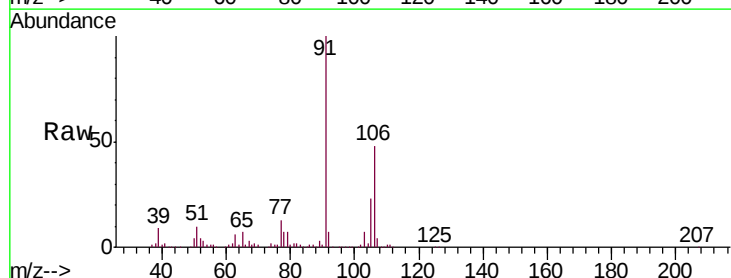
Acq: 07 Aug 2018 07:45

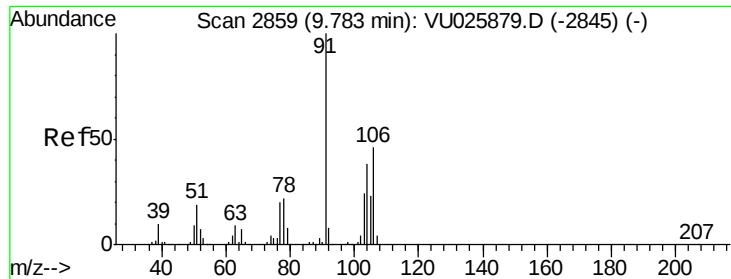
Tgt Ion: 106 Resp: 169407

Ion Ratio Lower Upper

106 100

91 204.9 162.3 243.5

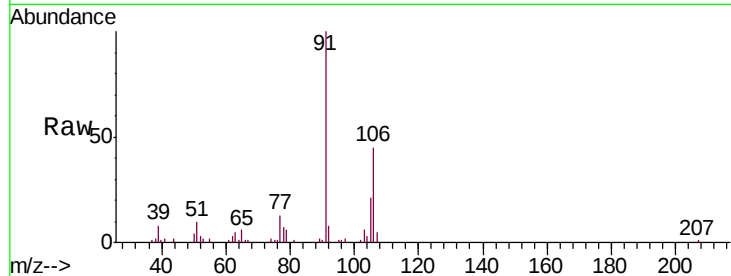




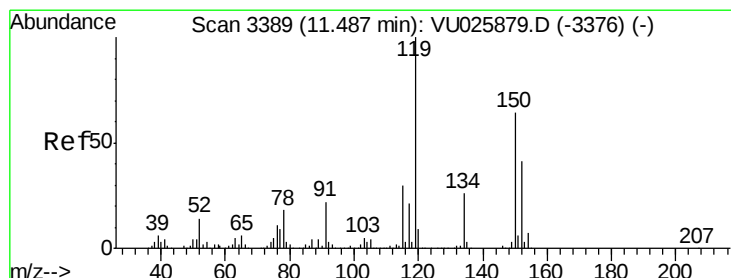
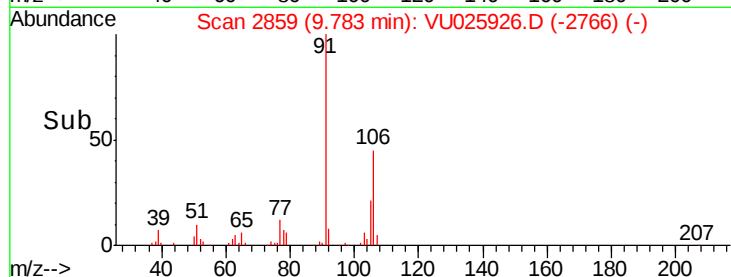
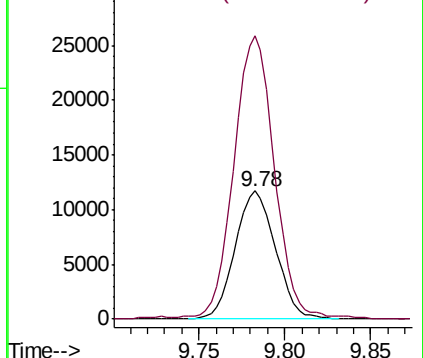
#69
o-Xylene
Concen: 3.353 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025926.D
Acq: 07 Aug 2018 07:45

Instrument :
MSVOA_U
ClientSampleId :
FL-0538

Tgt Ion:106 Resp: 19055
Ion Ratio Lower Upper
106 100
91 223.8 105.3 315.8

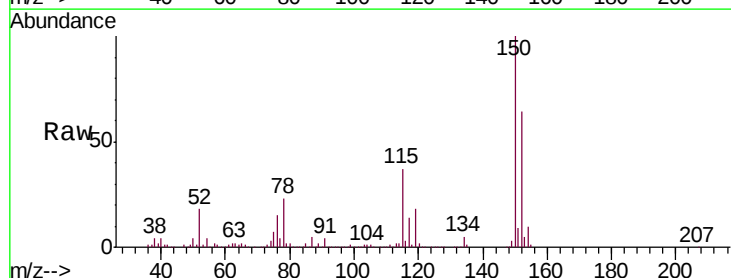


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

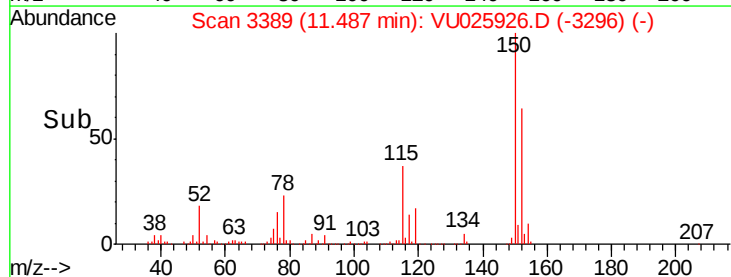
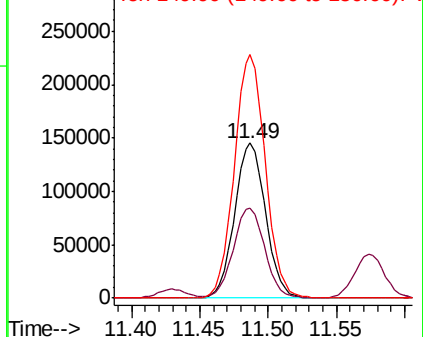


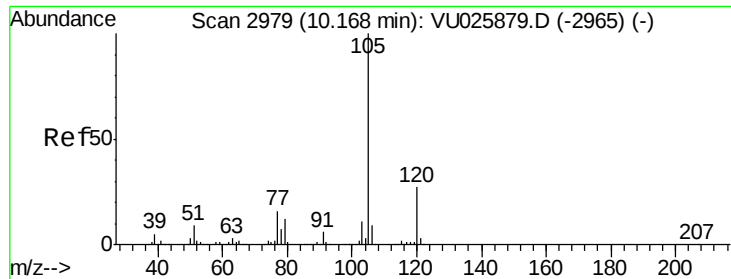
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025926.D
Acq: 07 Aug 2018 07:45

Tgt Ion:152 Resp: 228171
Ion Ratio Lower Upper
152 100
115 58.8 40.1 120.3
150 157.7 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: 24.318 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

Instrument :

MSVOA_U

ClientSampleId :

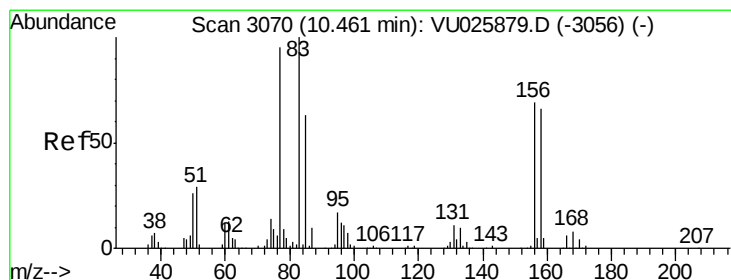
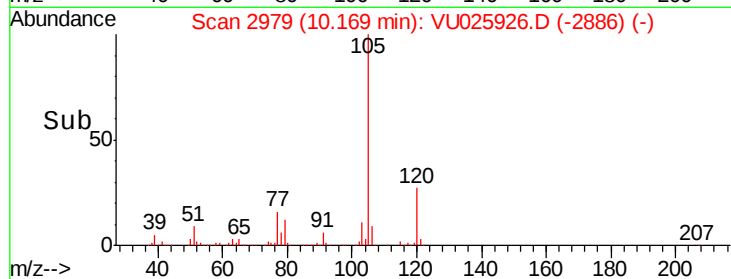
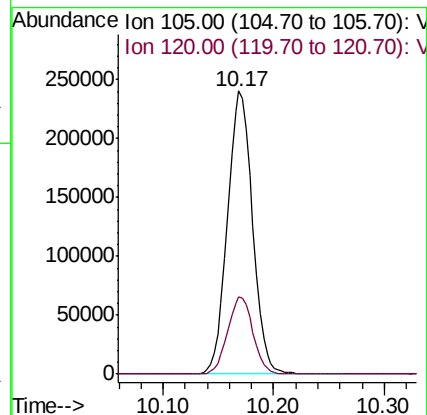
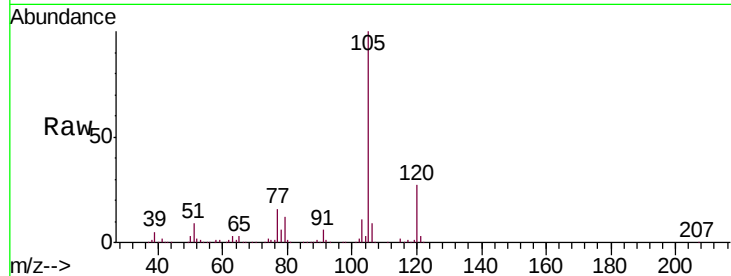
FL-0538

Tgt Ion:105 Resp: 378713

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.5



#75

1,1,2,2-Tetrachloroethane

Concen: 0.378 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.04 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

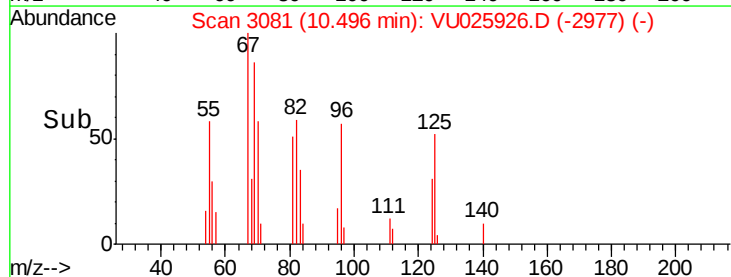
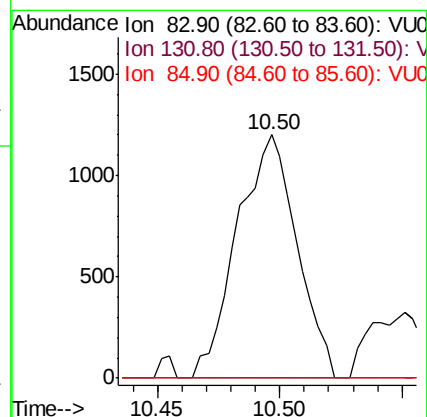
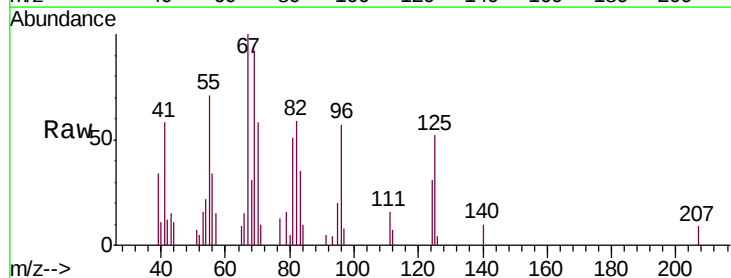
Tgt Ion: 83 Resp: 2036

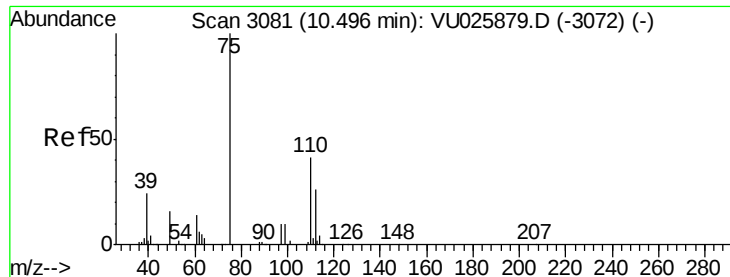
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 0.0 31.6 94.8#





#76

1,2,3-Trichloropropane

Concen: 0.860 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.09 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

Instrument :

MSVOA_U

ClientSampleId :

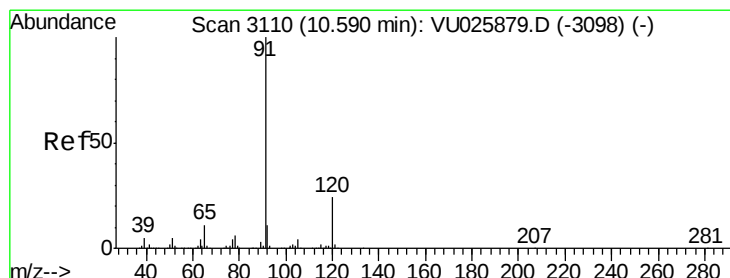
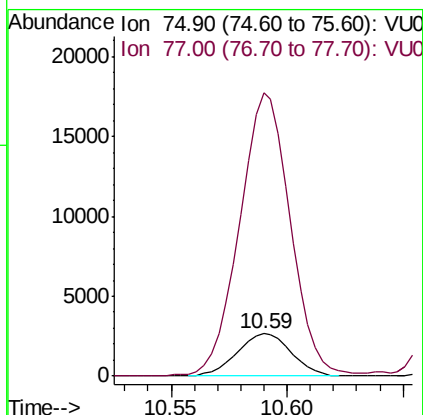
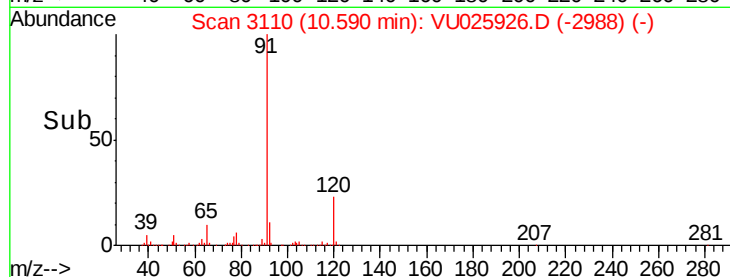
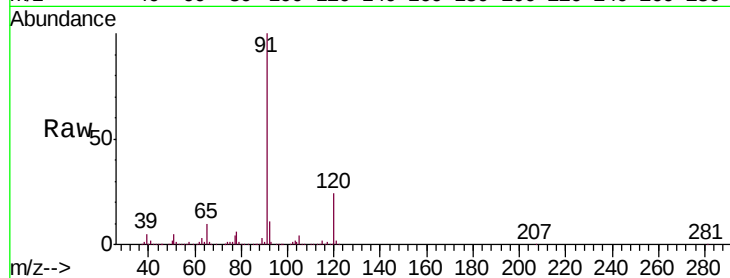
FL-0538

Tgt Ion: 75 Resp: 4321

Ion Ratio Lower Upper

75 100

77 626.2 20.4 61.3#



#78

n-propylbenzene

Concen: 37.392 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025926.D

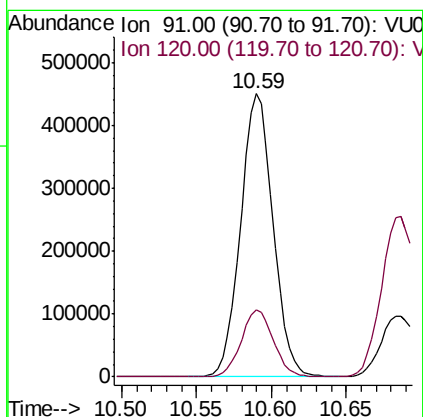
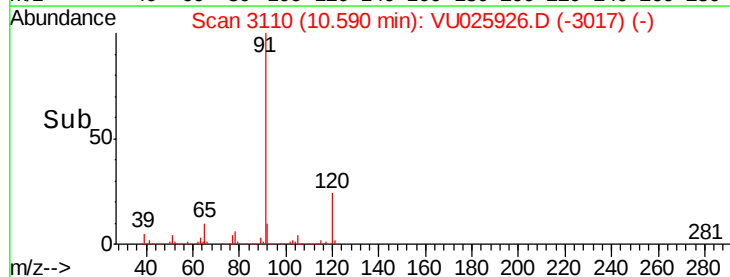
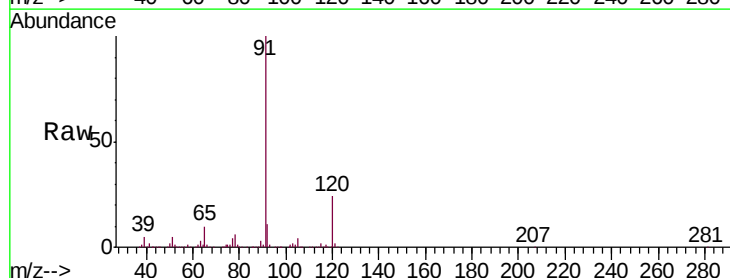
Acq: 07 Aug 2018 07:45

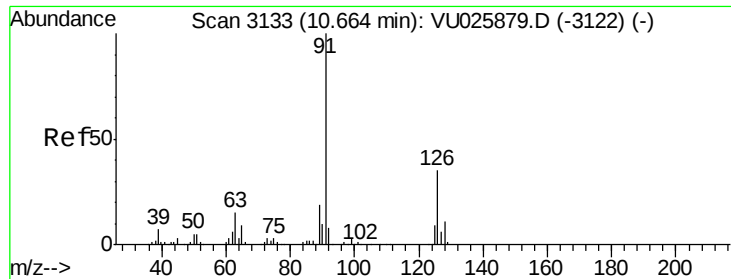
Tgt Ion: 91 Resp: 679667

Ion Ratio Lower Upper

91 100

120 23.6 11.8 35.3

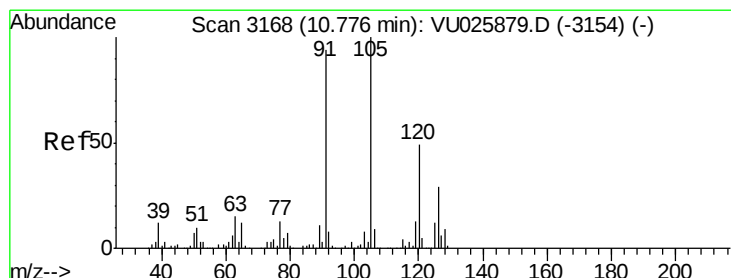
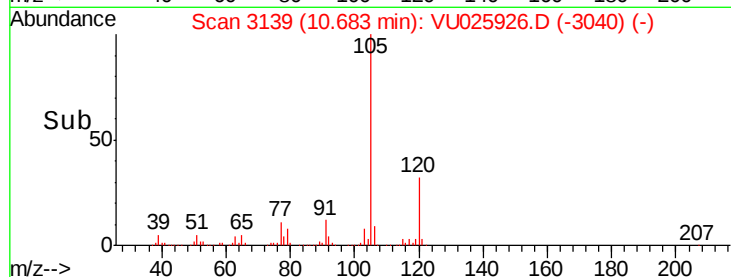
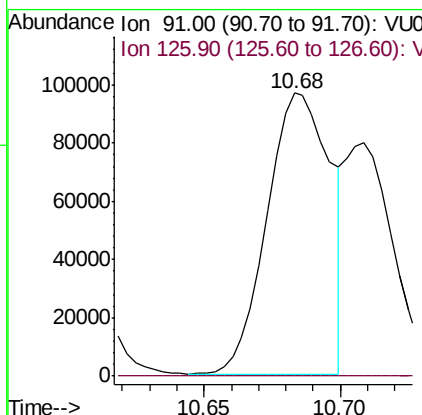
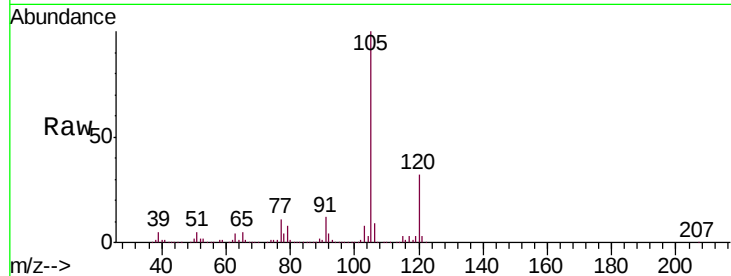




#79
 2-Chlorotoluene
 Concen: 14.582 ug/l
 RT: 10.68 min Scan# 3139
 Delta R.T. 0.02 min
 Lab File: VU025926.D
 Acq: 07 Aug 2018 07:45

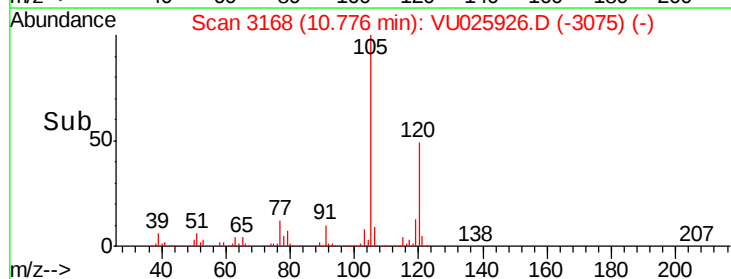
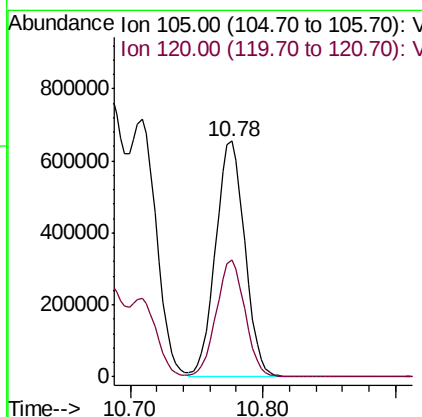
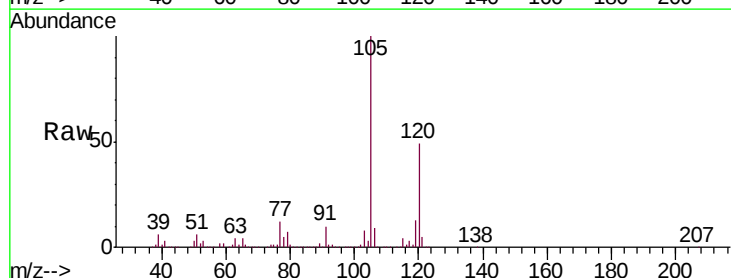
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0538

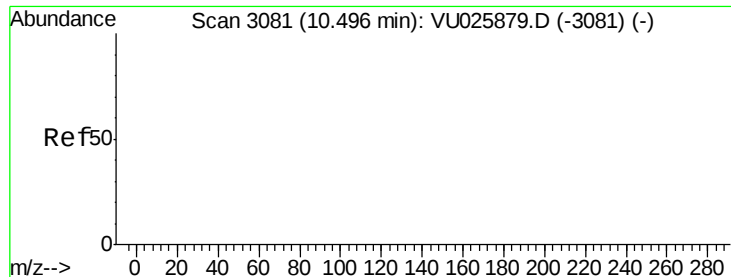
Tgt Ion: 91 Resp: 155241
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.5 52.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 75.742 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025926.D
 Acq: 07 Aug 2018 07:45

Tgt Ion: 105 Resp: 1001747
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 2.155 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.09 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

Instrument :

MSVOA_U

ClientSampleId :

FL-0538

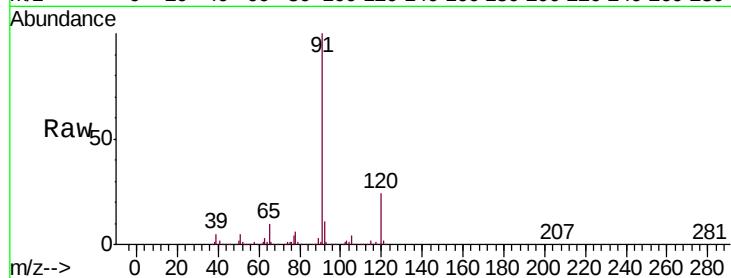
Tgt Ion: 75 Resp: 4321

Ion Ratio Lower Upper

75 100

53 80.6 0.0 0.0#

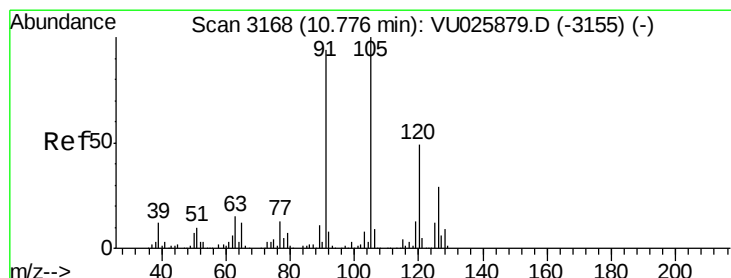
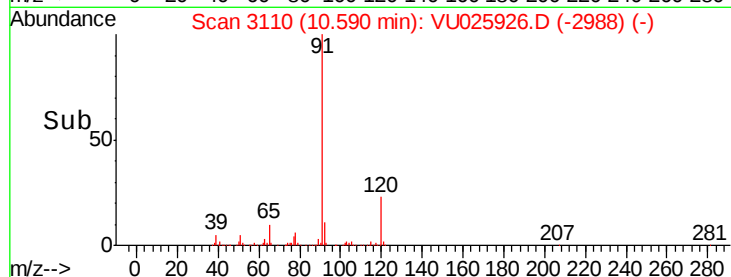
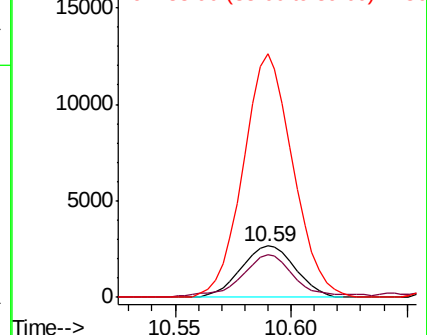
89 434.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 8.174 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025926.D

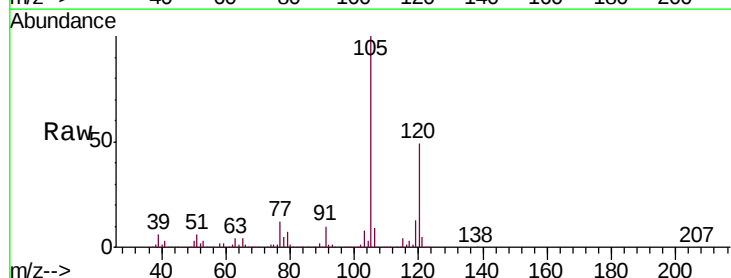
Acq: 07 Aug 2018 07:45

Tgt Ion: 91 Resp: 102580

Ion Ratio Lower Upper

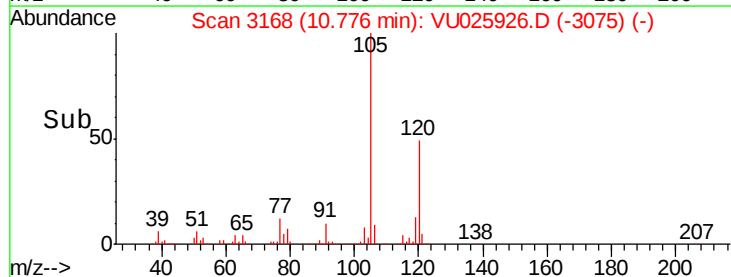
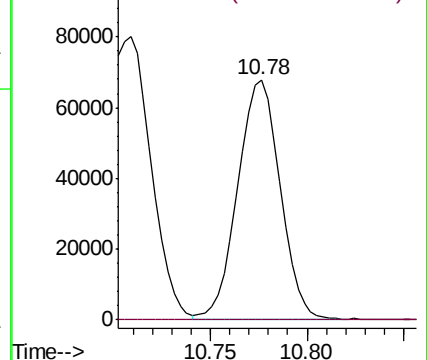
91 100

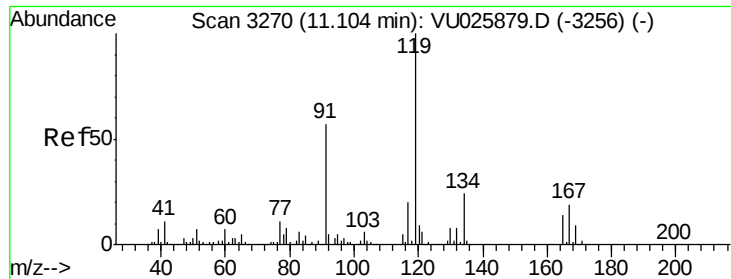
126 0.0 15.3 45.9#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

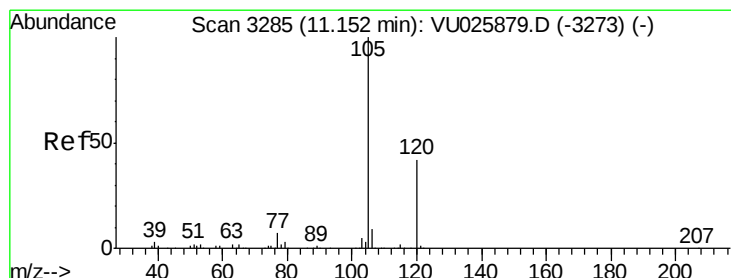
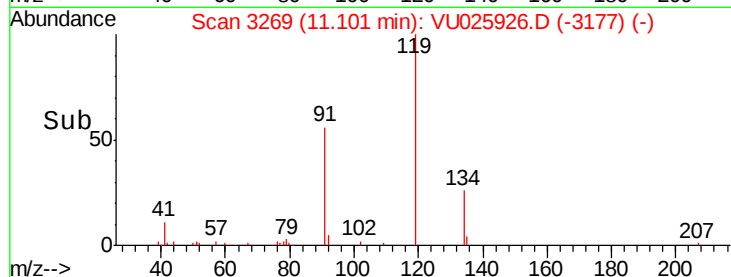
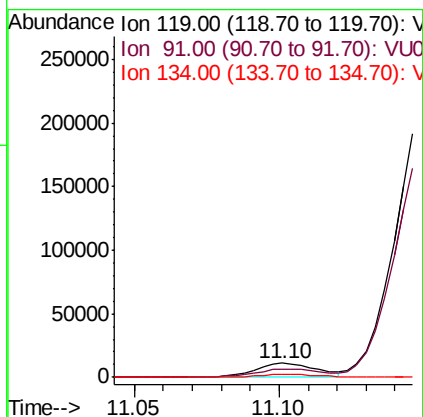
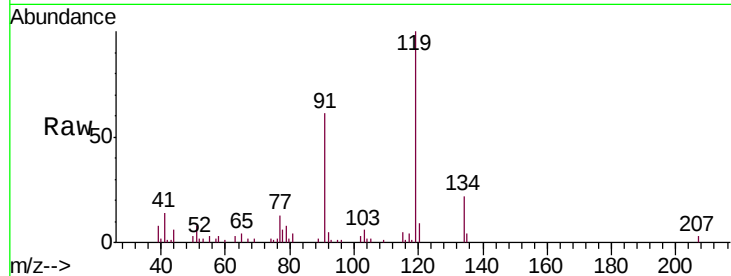




#83
 tert-Butylbenzene
 Concen: 1.265 ug/l
 RT: 11.10 min Scan# 3269
 Delta R.T. -0.00 min
 Lab File: VU025926.D
 Acq: 07 Aug 2018 07:45

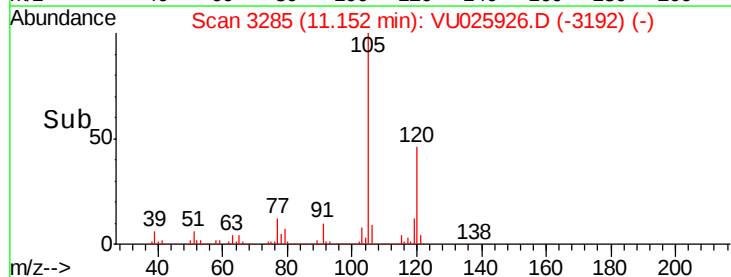
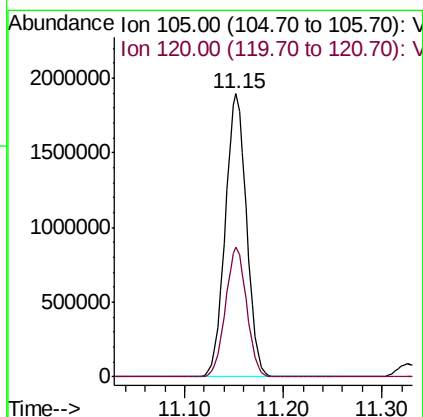
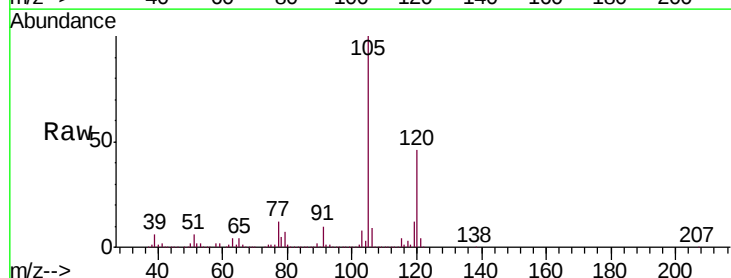
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0538

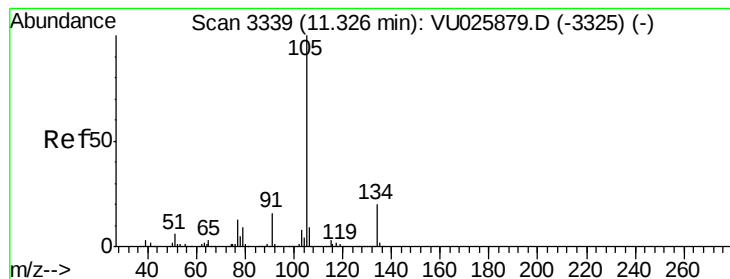
Tgt Ion:119 Resp: 16625
 Ion Ratio Lower Upper
 119 100
 91 65.4 29.7 89.1
 134 22.2 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 214.429 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025926.D
 Acq: 07 Aug 2018 07:45

Tgt Ion:105 Resp: 2873902
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 8.193 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

Instrument :

MSVOA_U

ClientSampleId :

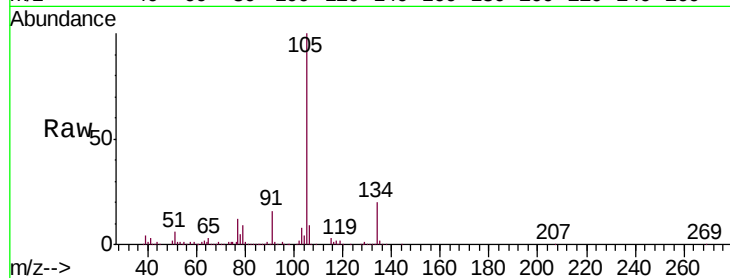
FL-0538

Tgt Ion:105 Resp: 131446

Ion Ratio Lower Upper

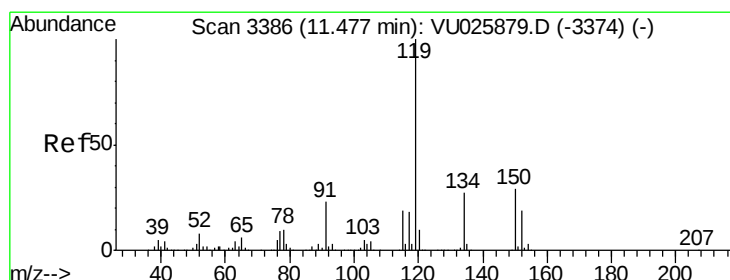
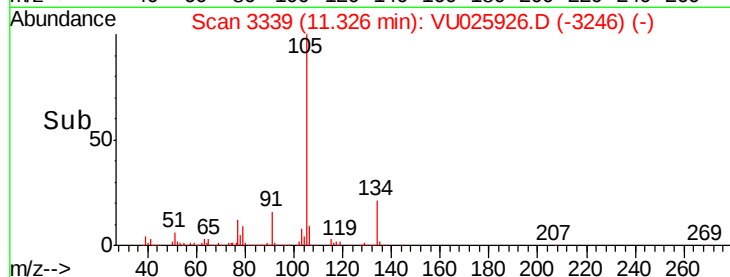
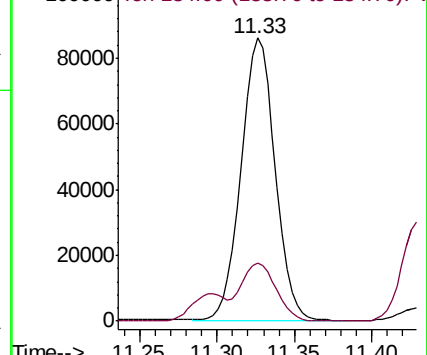
105 100

134 21.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.964 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

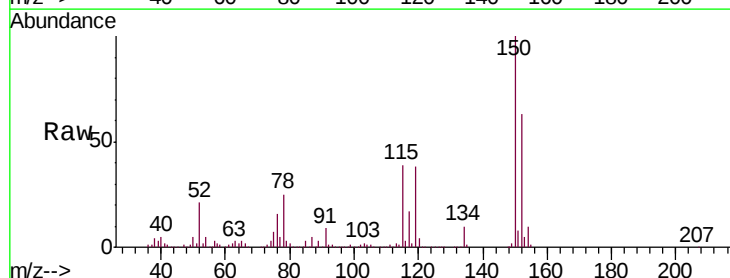
Tgt Ion:119 Resp: 85685

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

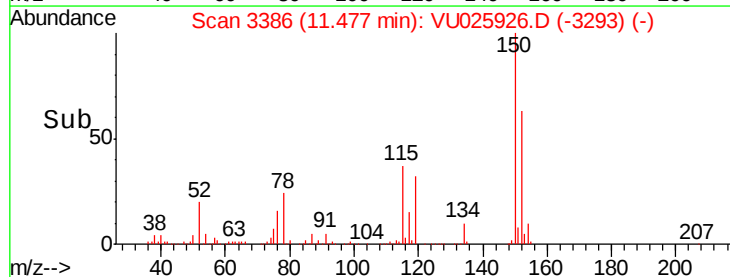
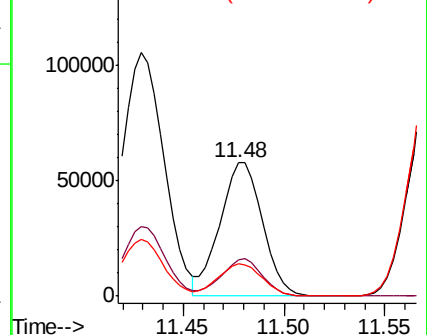
91 24.9 12.0 36.1

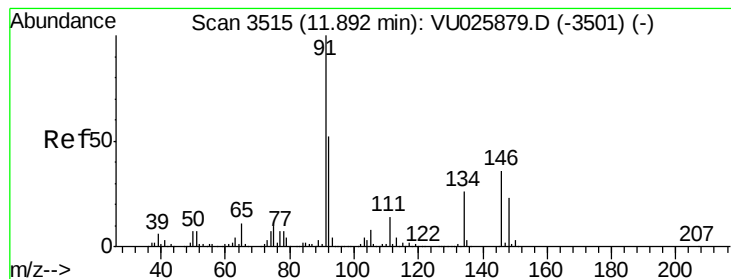


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





#89

n-Butylbenzene

Concen: 9.467 ug/l

RT: 11.89 min Scan# 3514

Delta R.T. -0.00 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

Instrument :

MSVOA_U

ClientSampled :

FL-0538

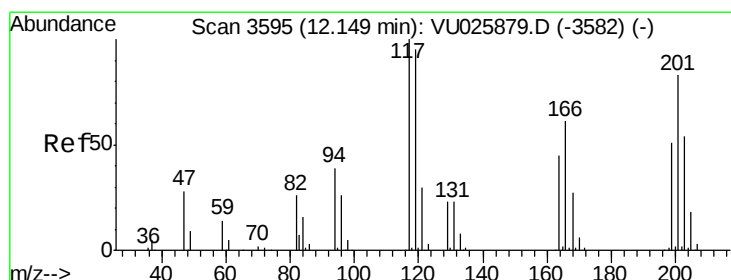
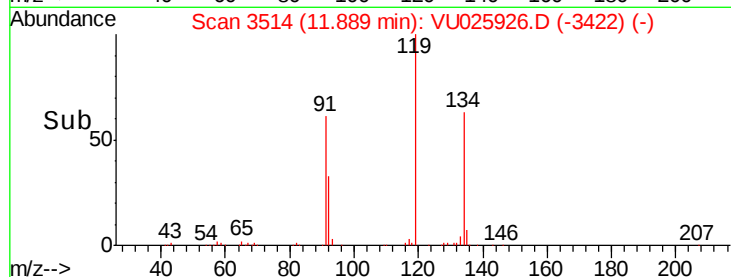
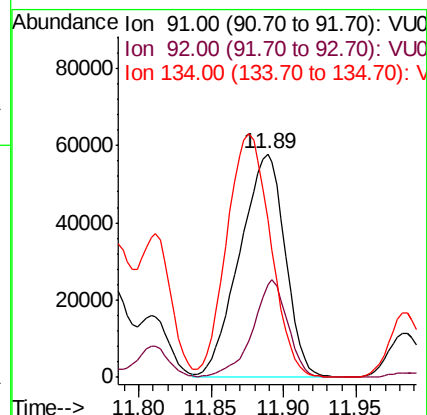
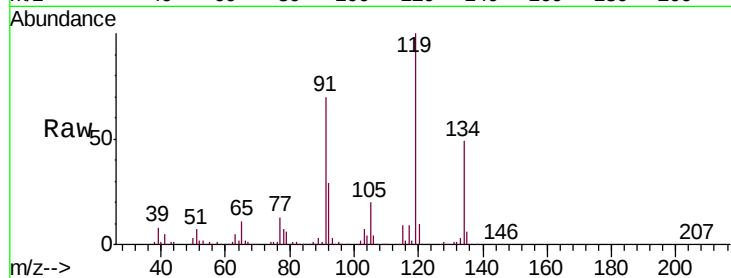
Tgt Ion: 91 Resp: 125501

Ion Ratio Lower Upper

91 100

92 34.0 26.5 79.5

134 105.0 13.6 40.7#



#90

Hexachloroethane

Concen: 7.674 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025926.D

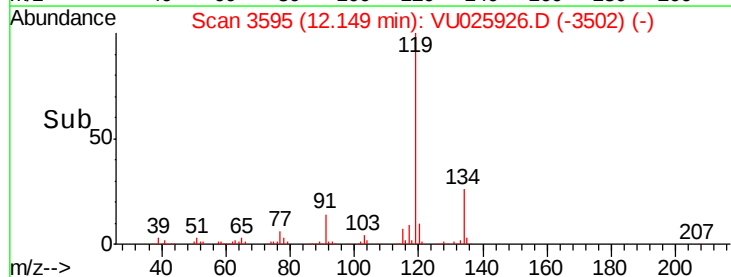
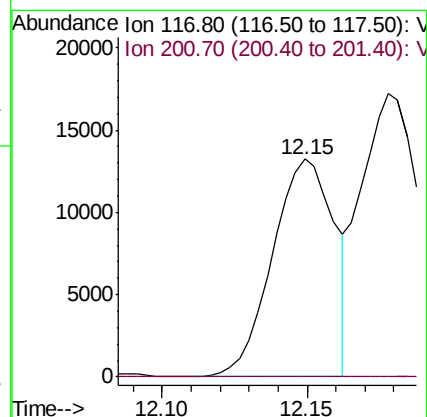
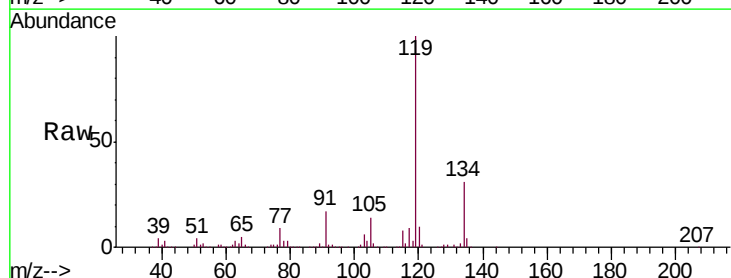
Acq: 07 Aug 2018 07:45

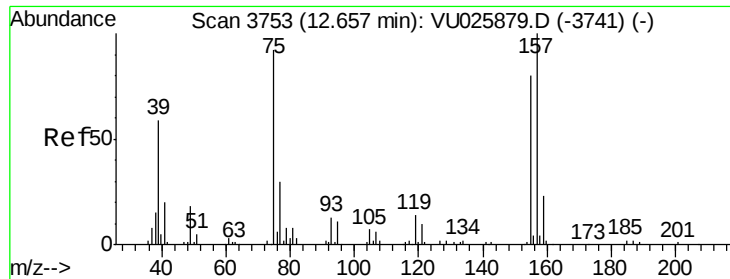
Tgt Ion: 117 Resp: 19602

Ion Ratio Lower Upper

117 100

201 0.0 42.5 127.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.520 ug/l

RT: 12.65 min Scan# 3751

Delta R.T. -0.01 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

Instrument :

MSVOA_U

ClientSampled :

FL-0538

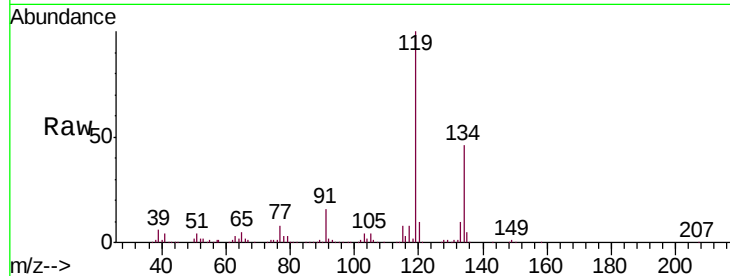
Tgt Ion: 75 Resp: 1941

Ion Ratio Lower Upper

75 100

155 0.0 44.5 133.3#

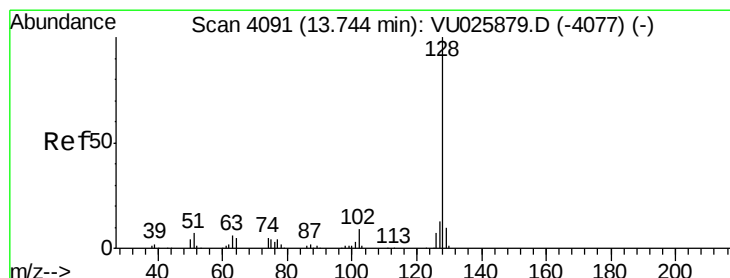
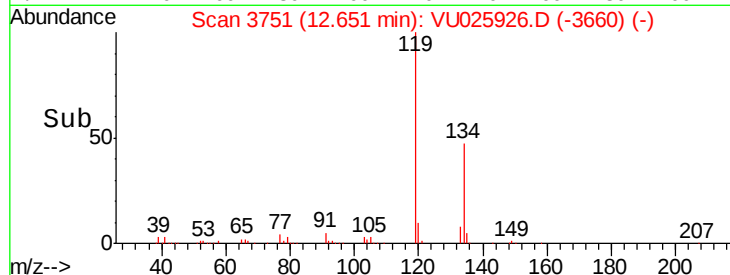
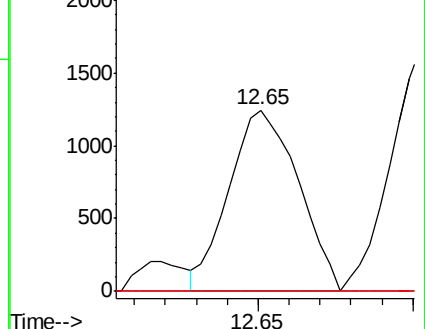
157 0.0 57.0 170.8#



Abundance Ion 74.90 (74.60 to 75.60): VU025879.D (-3741) (-)

Ion 154.80 (154.50 to 155.50): VU025879.D (-3741) (-)

Ion 156.80 (156.50 to 157.50): VU025879.D (-3741) (-)



#95

Naphthalene

Concen: 21.879 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025926.D

Acq: 07 Aug 2018 07:45

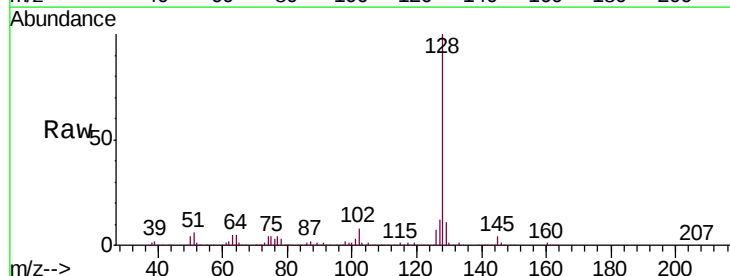
Tgt Ion: 128 Resp: 358463

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 12.0 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): VU025879.D (-4077) (-)

Ion 127.00 (126.70 to 127.70): VU025879.D (-4077) (-)

Ion 129.00 (128.70 to 129.70): VU025879.D (-4077) (-)

