

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072718\
 Data File : VU025707.D
 Acq On : 28 Jul 2018 06:55
 Operator : MD/SY
 Sample : J4208-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0514

Quant Time: Jul 30 00:41:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	180548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	285254	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	282621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	183768	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	138372	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	4.89	113	117174	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
50) Toluene-d8	7.57	98	424473	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	10.31	95	166473	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	646	0.25	ug/l	# 77
11) Tert butyl alcohol	2.84	59	559	0.91	ug/l	# 73
13) Acrolein	2.22	56	48	Below	Cal	# 1
14) Allyl chloride	2.71	41	6003	1.72	ug/l	# 60
15) Acrylonitrile	3.00	53	878	0.71	ug/l	# 21
16) Acetone	2.32	43	7233	5.27	ug/l	89
18) Methyl Acetate	2.71	43	12674	3.84	ug/l	# 52
23) Vinyl Acetate	3.31	43	5577	0.93	ug/l	# 54
25) 2-Butanone	4.28	43	1057	0.57	ug/l	91
31) Cyclohexane	5.00	56	51806	13.46	ug/l	98
36) 1,1-Dichloropropene	4.99	75	13736	4.12	ug/l	# 53
37) Ethyl Acetate	4.28	43	1057	0.31	ug/l	# 69
38) Carbon Tetrachloride	4.99	117	16781	4.44	ug/l	# 16
39) Methylcyclohexane	6.42	83	74394	19.48	ug/l	97
40) Benzene	5.40	78	3468	0.36	ug/l	97
43) Isopropyl Acetate	5.54	43	15721	2.75	ug/l	# 61
45) 1,2-Dichloropropane	6.43	63	796	0.31	ug/l	# 1
48) Methyl methacrylate	6.65	41	4768	1.70	ug/l	# 58
51) 4-Methyl-2-Pentanone	7.46	43	978	0.27	ug/l	# 54
55) 1,1,2-Trichloroethane	8.05	97	18763	7.46	ug/l	# 18
56) Ethyl methacrylate	8.05	69	4231	1.18	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	7.06	63	107	7.14	ug/l	# 47
59) 2-Hexanone	8.16	43	2139	0.76	ug/l	75
67) Ethyl Benzene	9.25	91	711720	58.97	ug/l	99
68) m/p-Xylenes	9.38	106	723171	156.06	ug/l	99
69) o-Xylene	9.79	106	3688	0.81	ug/l	88
73) Isopropylbenzene	10.17	105	135398	10.80	ug/l	99
74) N-amyl acetate	10.05	43	2141	0.42	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	10.49	83	2535	0.58	ug/l	# 31
76) 1,2,3-Trichloropropane	10.31	75	86672	21.41	ug/l	# 34
78) n-propylbenzene	10.59	91	188583	12.88	ug/l	100
79) 2-Chlorotoluene	10.68	91	106122	12.38	ug/l	# 40
80) 1,3,5-Trimethylbenzene	10.78	105	538274	50.53	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.31	75	86672	53.67	ug/l	# 100

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Quant Title : SW846 8260
QLast Update : Fri Jul 27 13:11:52 2018
Response via : Initial Calibration

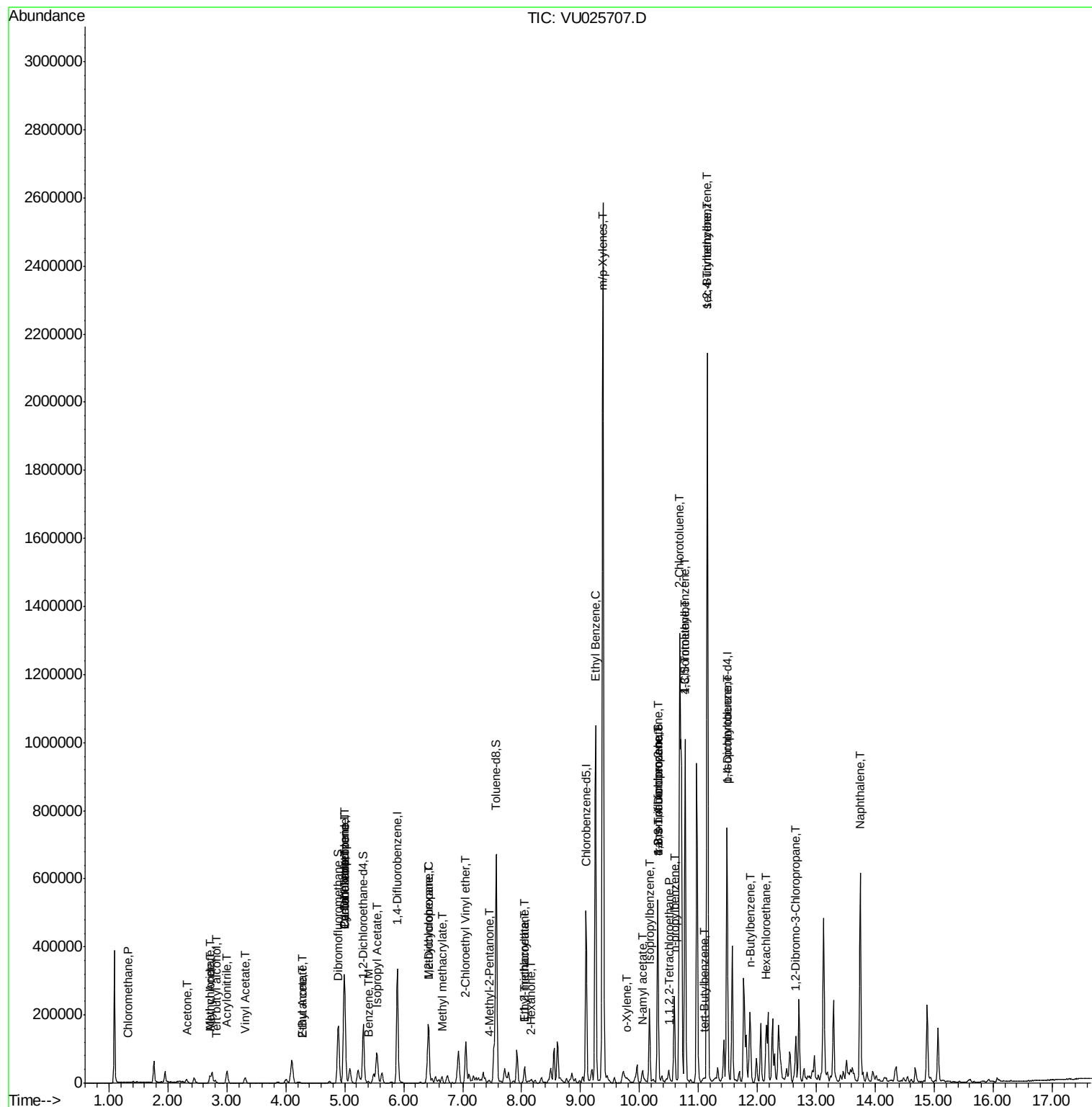
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	10.77	91	57100	5.65	ug/l #	44
83) tert-Butylbenzene	11.10	119	5452	0.52	ug/l	89
84) 1,2,4-Trimethylbenzene	11.15	105	1161308	107.58	ug/l	99
85) sec-Butylbenzene	11.15	105	1161308	89.87	ug/l #	56
86) p-Isopropyltoluene	11.48	119	43342	3.75	ug/l	99
89) n-Butylbenzene	11.88	91	28607	2.68	ug/l #	1
90) Hexachloroethane	12.15	117	8272	4.02	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.65	75	658	0.64	ug/l #	1
95) Naphthalene	13.74	128	470057	34.84	ug/l	99

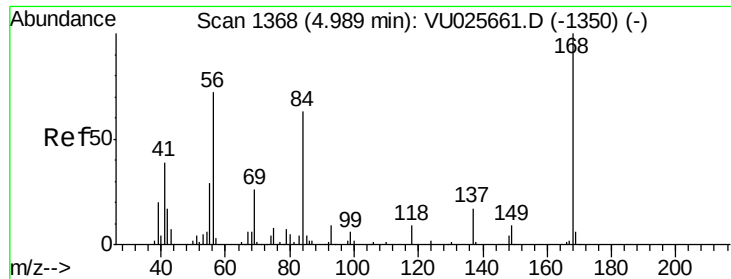
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

Instrument :

MSVOA_U

ClientSampleId :

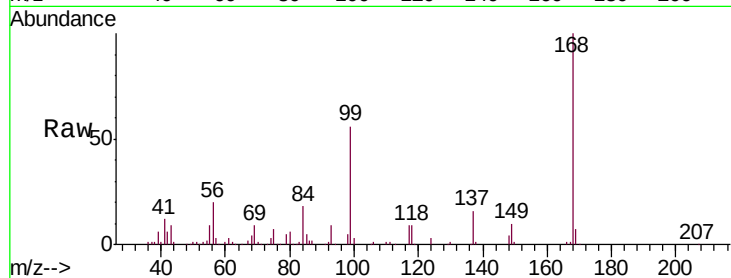
FL-0514

Tot Ion:168 Resp: 180548

Ion Ratio Lower Upper

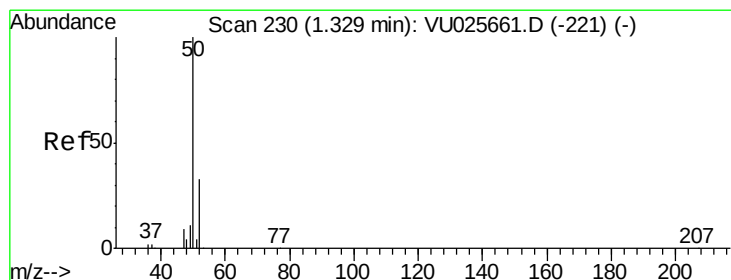
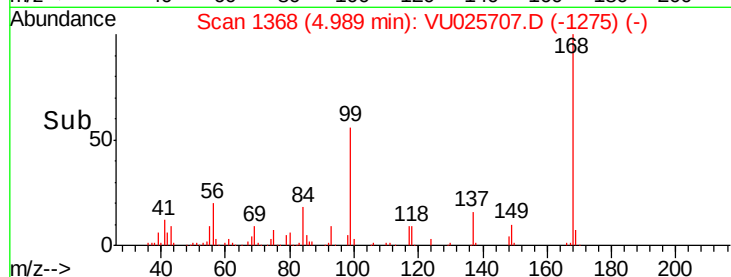
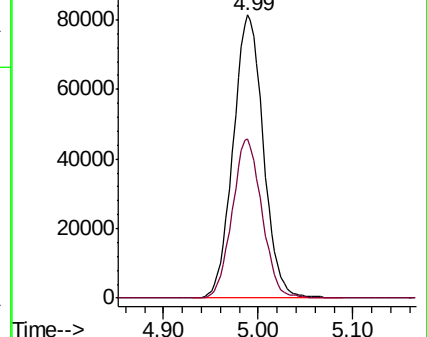
168 100

99 56.4 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)



#3

Chloromethane

Concen: 0.25 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025707.D

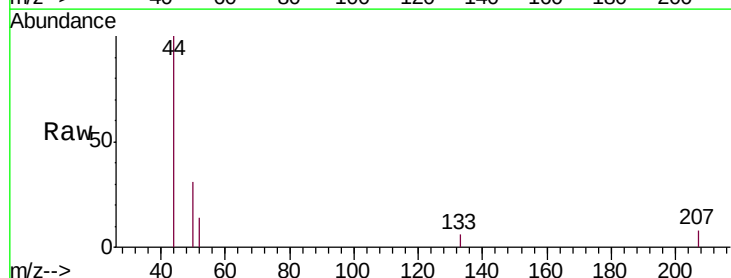
Acq: 28 Jul 2018 06:55

Tgt Ion: 50 Resp: 646

Ion Ratio Lower Upper

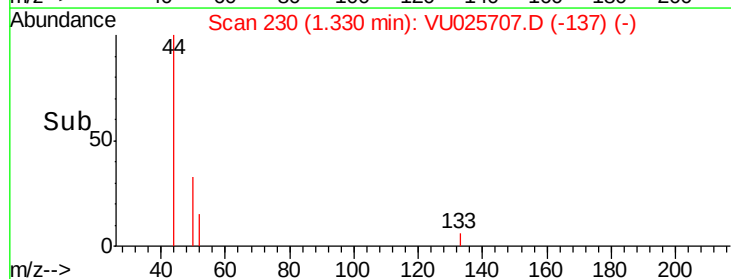
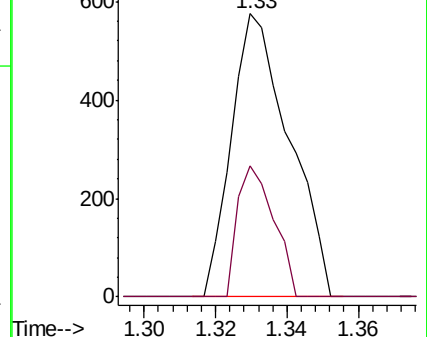
50 100

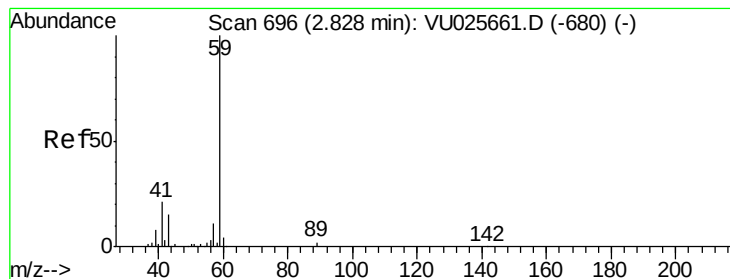
52 46.3 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VU025661.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU025661.D (-221) (-)





#11

Tert butyl alcohol

Concen: 0.91 ug/l

RT: 2.84 min Scan# 699

Delta R.T. 0.01 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

Instrument :

MSVOA_U

ClientSampleId :

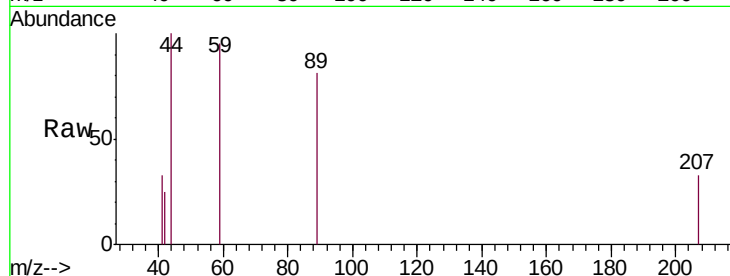
FL-0514

Tot Ion: 59 Resp: 559

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.84

400

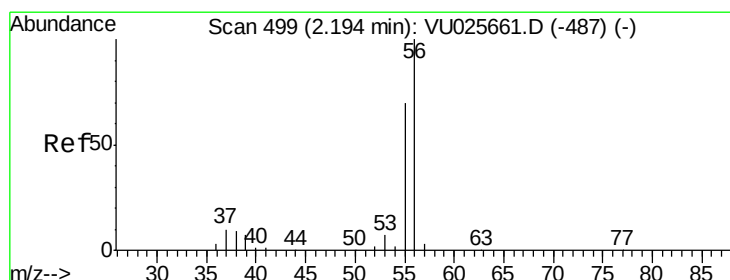
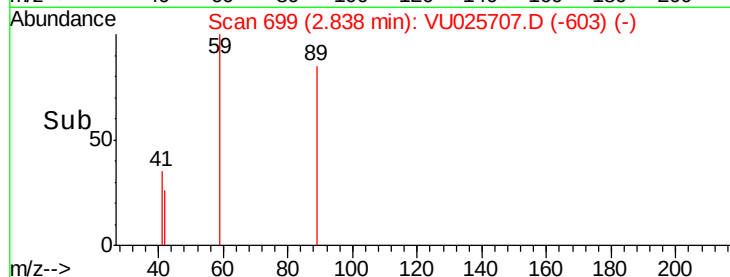
300

200

100

0

Time-->



#13

Acrolein

Concen: Below Cal

RT: 2.22 min Scan# 506

Delta R.T. 0.02 min

Lab File: VU025707.D

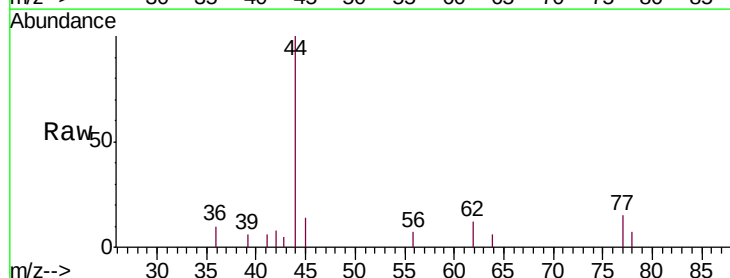
Acq: 28 Jul 2018 06:55

Tgt Ion: 56 Resp: 48

Ion Ratio Lower Upper

56 100

55 231.3 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.22

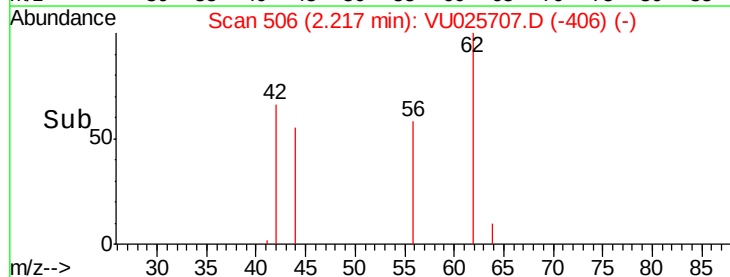
150

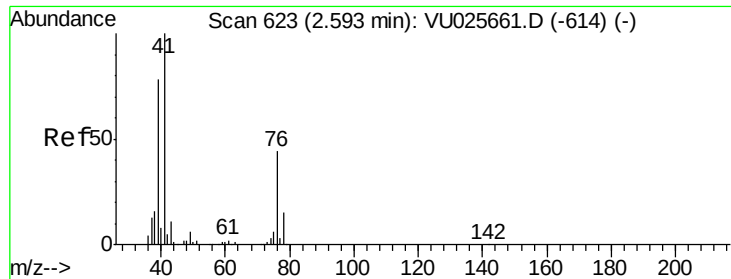
100

50

0

Time-->

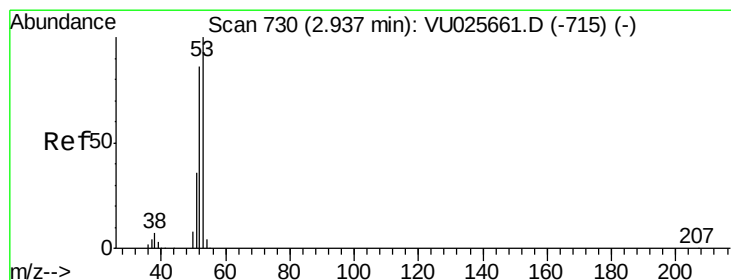
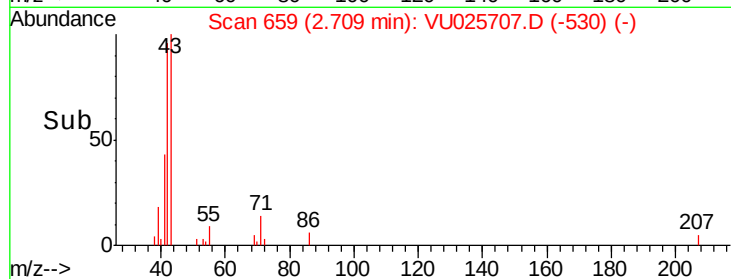
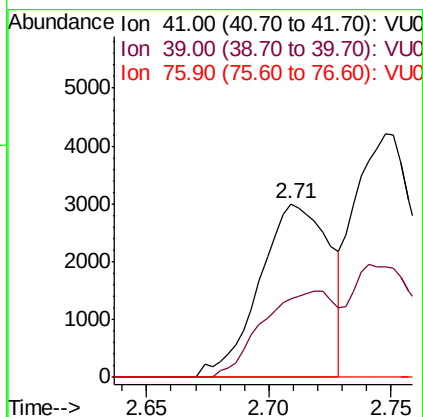
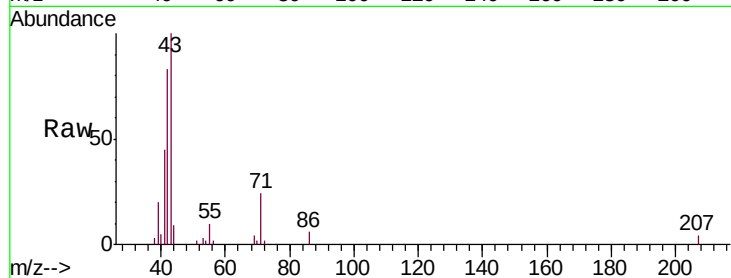




#14
Allvl chloride
Concen: 1.72 ug/l
RT: 2.71 min Scan# 659
Delta R.T. 0.12 min
Lab File: VU025707.D
Acq: 28 Jul 2018 06:55

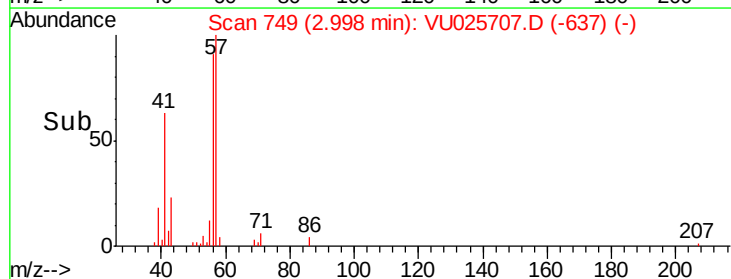
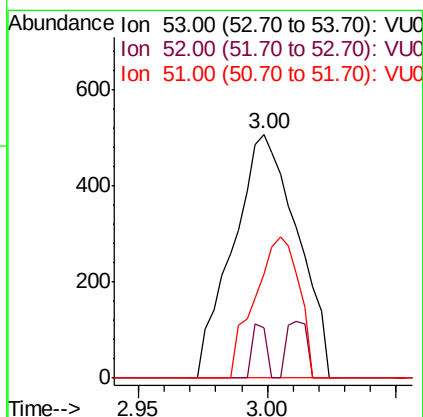
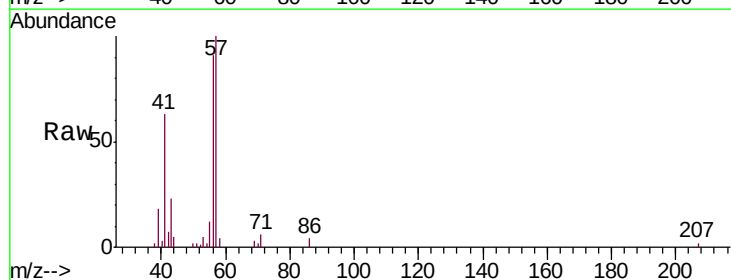
Instrument :
MSVOA_U
ClientSampled :
FL-0514

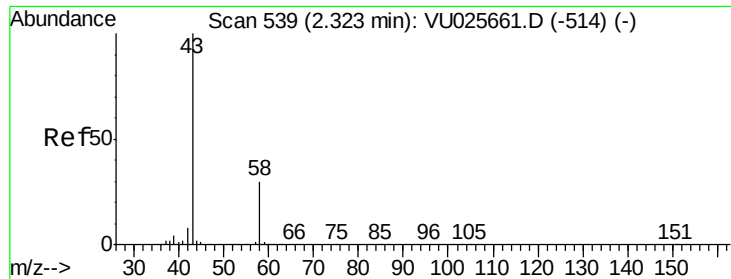
Tot Ion: 41 Resp: 6003
Ion Ratio Lower Upper
41 100
39 50.9 60.6 91.0#
76 0.0 30.5 45.7#



#15
Acrylonitrile
Concen: 0.71 ug/l
RT: 3.00 min Scan# 749
Delta R.T. 0.06 min
Lab File: VU025707.D
Acq: 28 Jul 2018 06:55

Tgt Ion: 53 Resp: 878
Ion Ratio Lower Upper
53 100
52 4.8 66.6 99.8#
51 0.0 29.4 44.2#





#16

Acetone

Concen: 5.27 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

Instrument :

MSVOA_U

ClientSampleId :

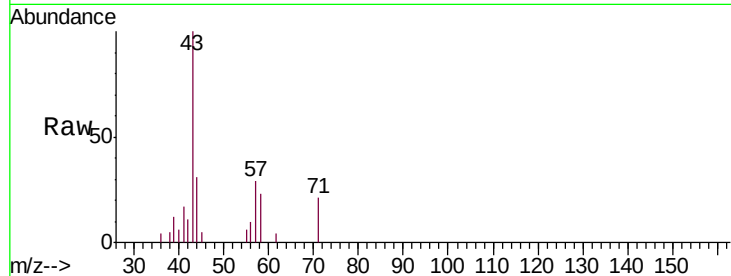
FL-0514

Tot Ion: 43 Resp: 7233

Ion Ratio Lower Upper

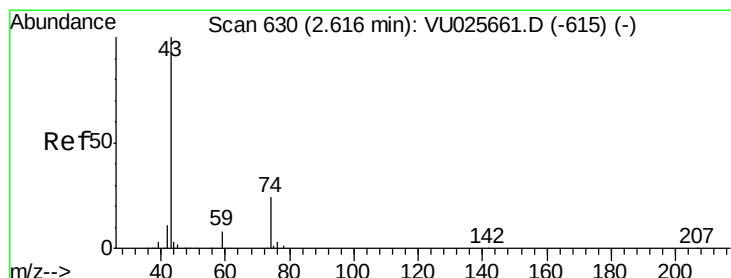
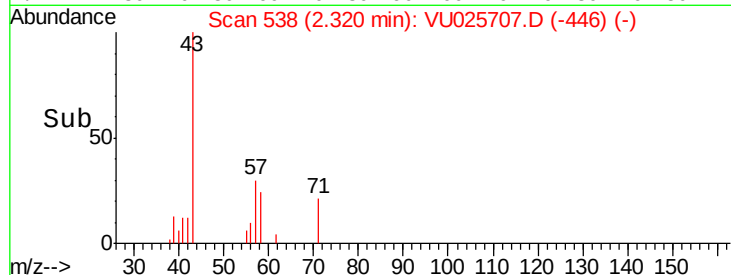
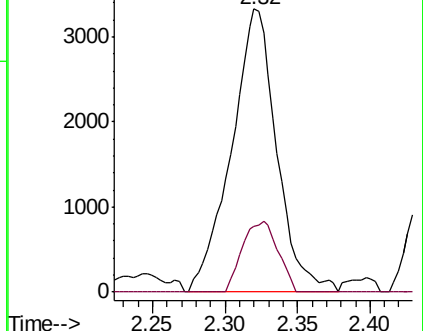
43 100

58 23.2 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl Acetate

Concen: 3.84 ug/l

RT: 2.71 min Scan# 660

Delta R.T. 0.10 min

Lab File: VU025707.D

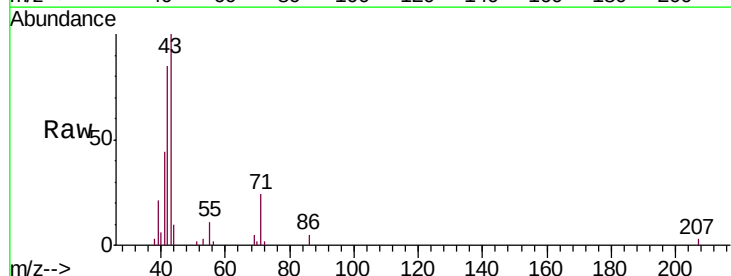
Acq: 28 Jul 2018 06:55

Tgt Ion: 43 Resp: 12674

Ion Ratio Lower Upper

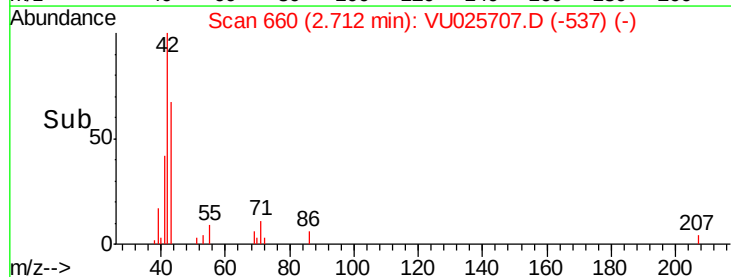
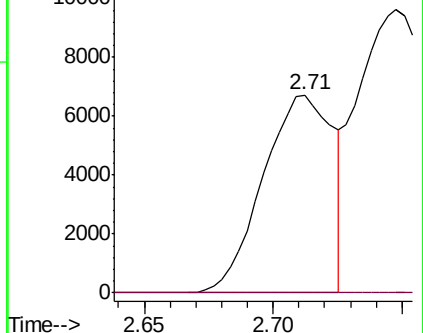
43 100

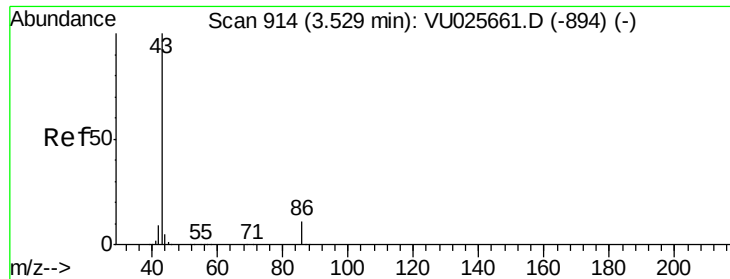
74 0.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#23

Vinyl Acetate

Concen: 0.93 ug/l

RT: 3.31 min Scan# 846

Delta R.T. -0.22 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

Instrument :

MSVOA_U

ClientSampleId :

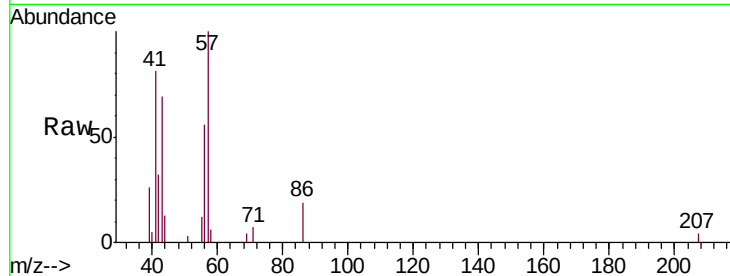
FL-0514

Tot Ion: 43 Resp: 5577

Ion Ratio Lower Upper

43 100

86 27.2 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3000

2500

2000

1500

1000

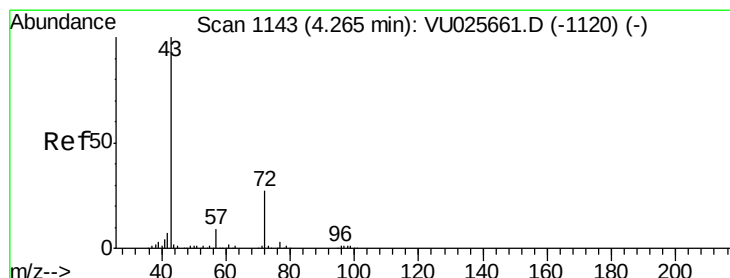
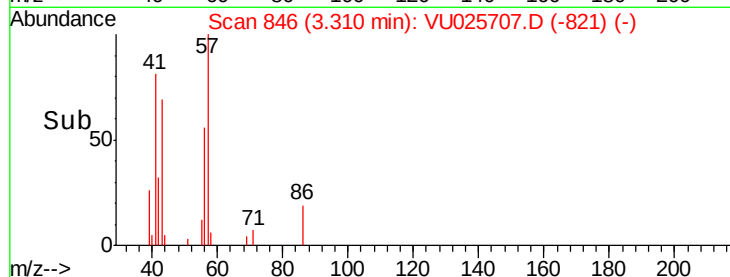
500

0

Time-->

3.25 3.30 3.35

3.31



#25

2-Butanone

Concen: 0.57 ug/l

RT: 4.28 min Scan# 1149

Delta R.T. 0.02 min

Lab File: VU025707.D

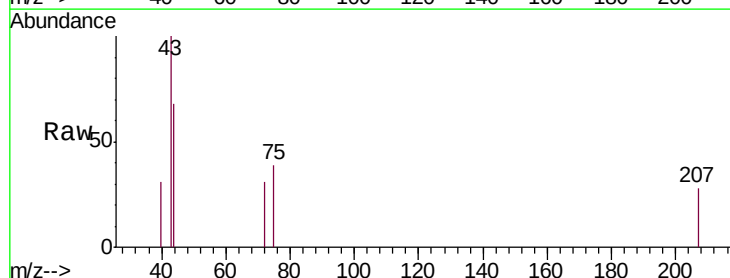
Acq: 28 Jul 2018 06:55

Tgt Ion: 43 Resp: 1057

Ion Ratio Lower Upper

43 100

72 30.6 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

400

300

200

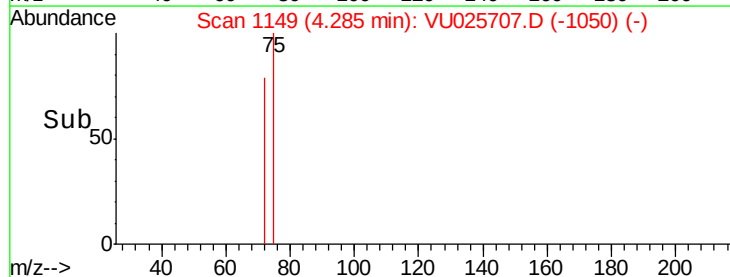
100

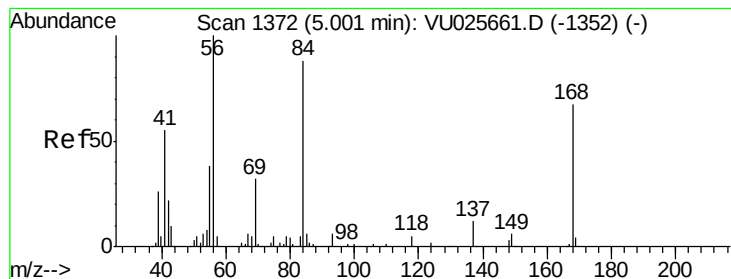
0

Time-->

4.25 4.30 4.35

4.28





#31

Cyclohexane

Concen: 13.46 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

Instrument :

MSVOA_U

ClientSampleId :

FL-0514

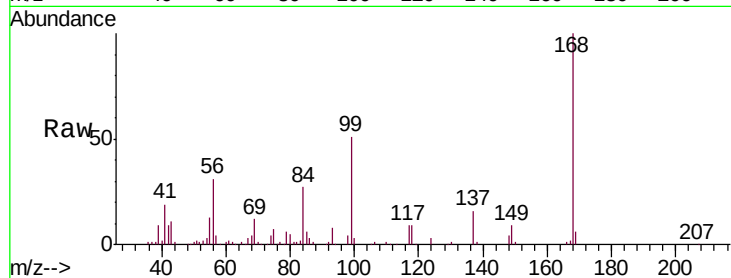
Tot Ion: 56 Resp: 51806

Ion Ratio Lower Upper

56 100

69 38.0 26.8 40.2

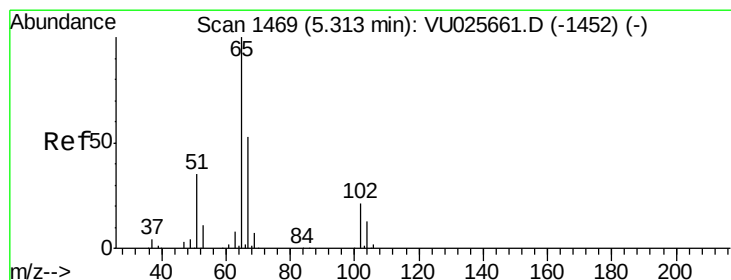
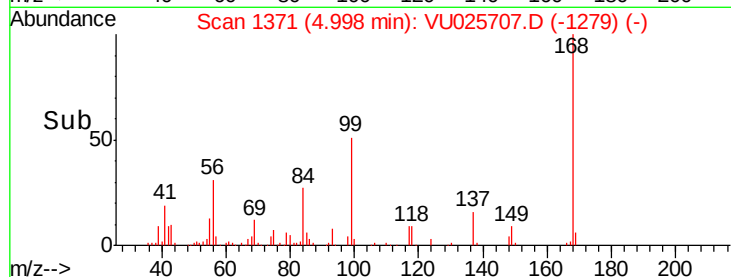
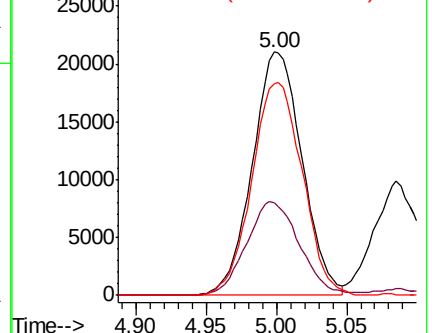
84 87.0 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU025707.D (-1372) (-)

Ion 69.00 (68.70 to 69.70): VU025707.D (-1372) (-)

Ion 84.00 (83.70 to 84.70): VU025707.D (-1372) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.19 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025707.D

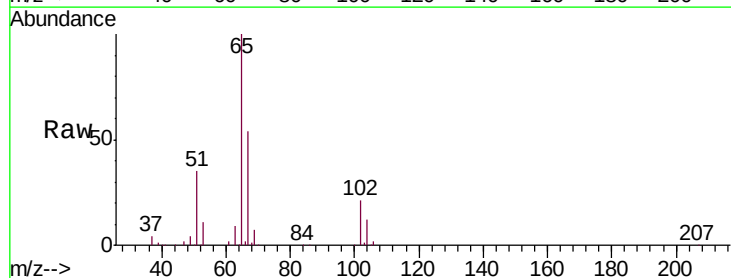
Acq: 28 Jul 2018 06:55

Tgt Ion: 65 Resp: 138372

Ion Ratio Lower Upper

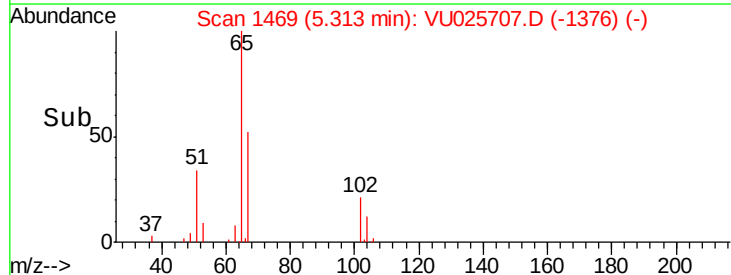
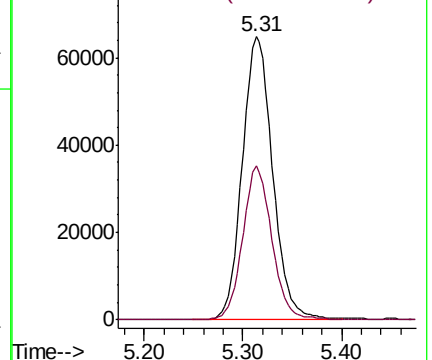
65 100

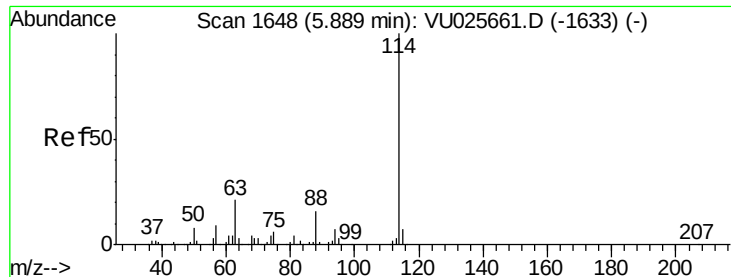
67 51.2 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025707.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025707.D (-1376) (-)

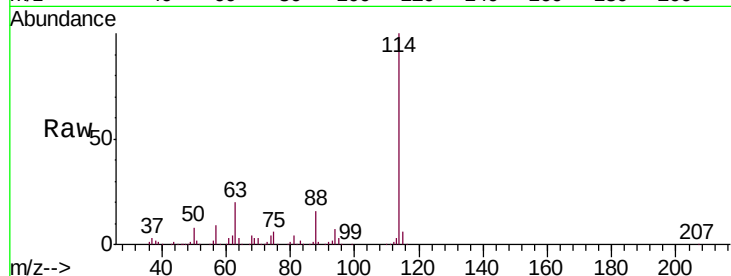




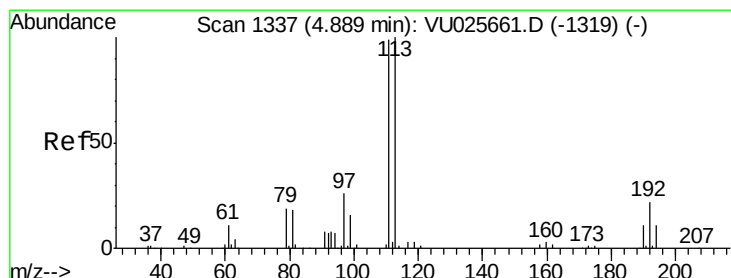
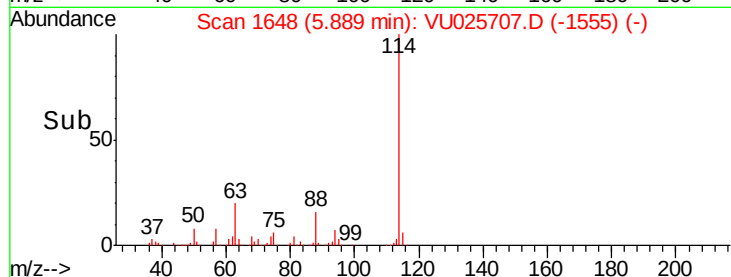
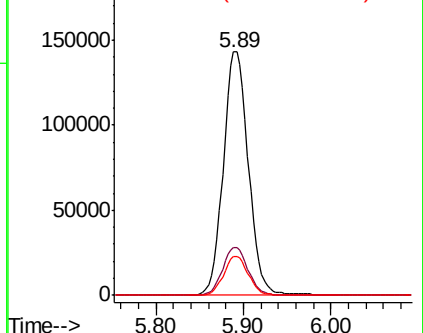
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025707.D
 Acq: 28 Jul 2018 06:55

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0514

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	41.6
88	16.1	0.0	32.4

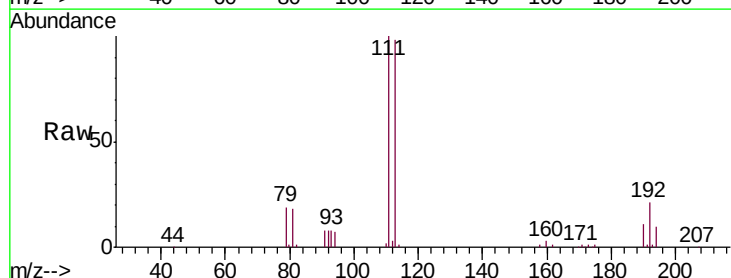


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

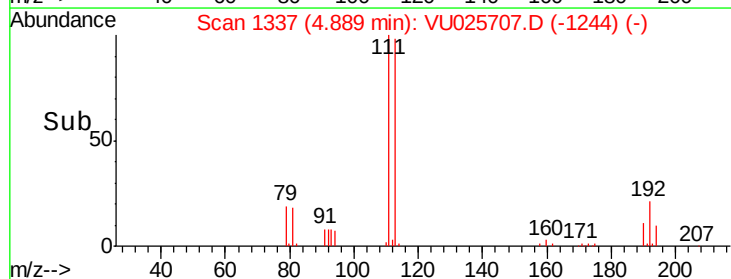
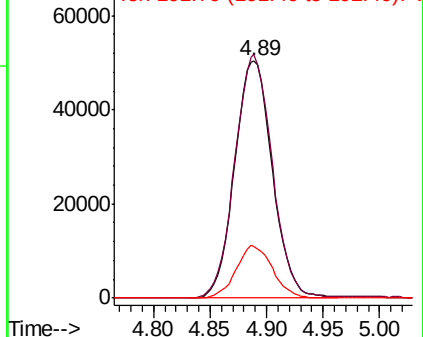


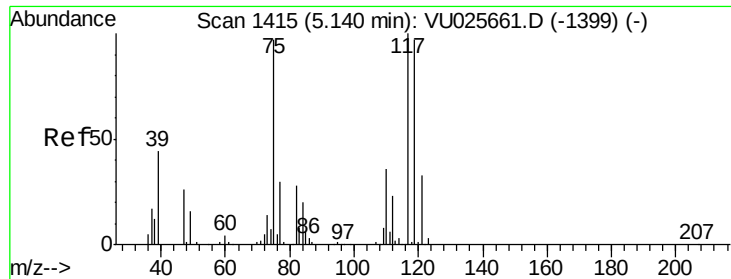
#35
 Dibromofluoromethane
 Concen: 47.23 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025707.D
 Acq: 28 Jul 2018 06:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.7	122.5
192	21.3	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: 4.12 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

Instrument :

MSVOA_U

ClientSampleId :

FL-0514

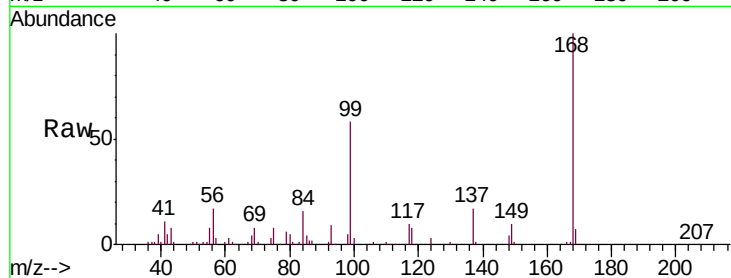
Tot Ion: 75 Resp: 13736

Ion Ratio Lower Upper

75 100

110 7.0 17.6 52.9#

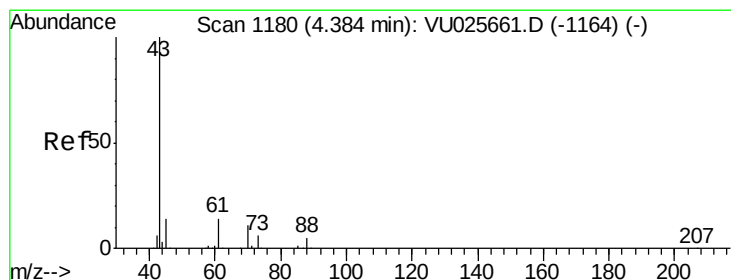
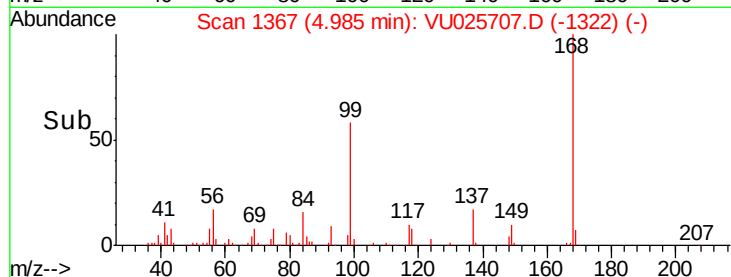
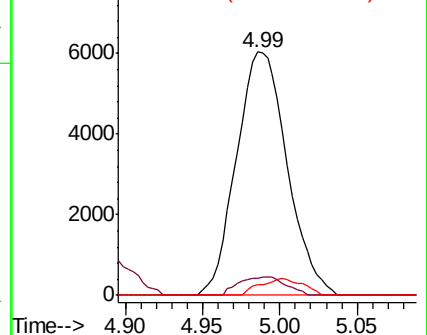
77 5.8 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#37

Ethyl Acetate

Concen: 0.31 ug/l

RT: 4.28 min Scan# 1149

Delta R.T. -0.10 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

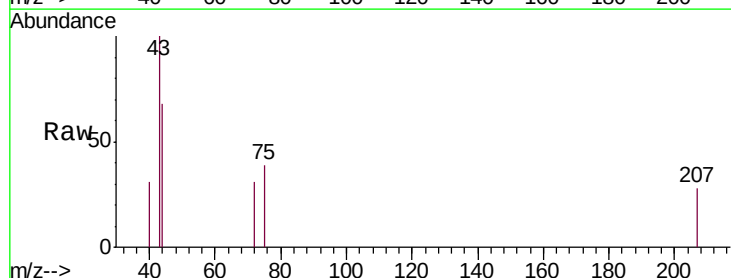
Tgt Ion: 43 Resp: 1057

Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

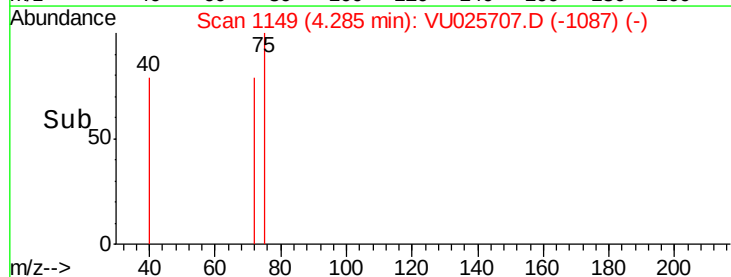
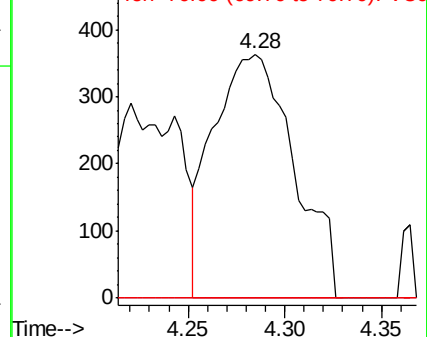
70 0.0 8.4 12.6#

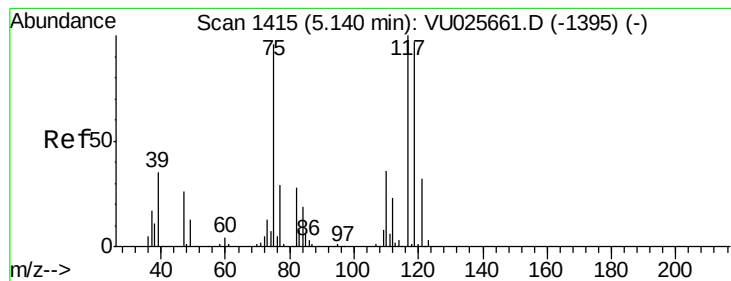


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 70.00 (69.70 to 70.70): VU0





#38

Carbon Tetrachloride

Concen: 4.44 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

Instrument :

MSVOA_U

ClientSampleId :

FL-0514

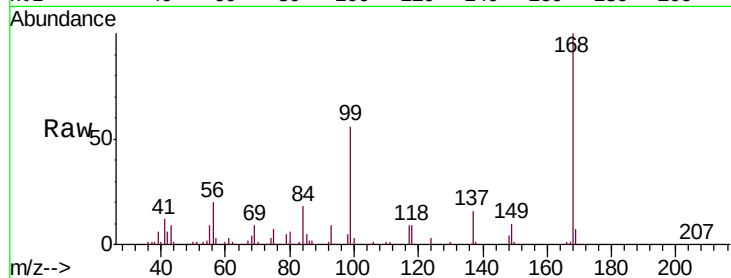
Tot Ion:117 Resp: 16781

Ion Ratio Lower Upper

117 100

119 4.3 75.7 113.5#

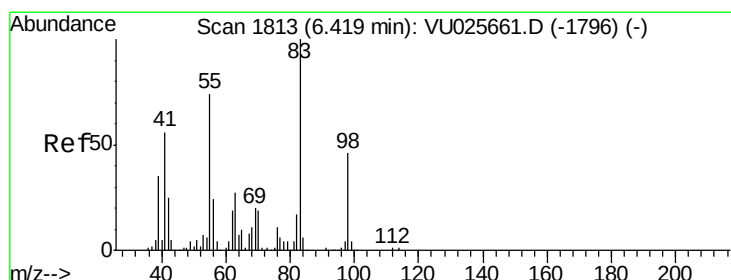
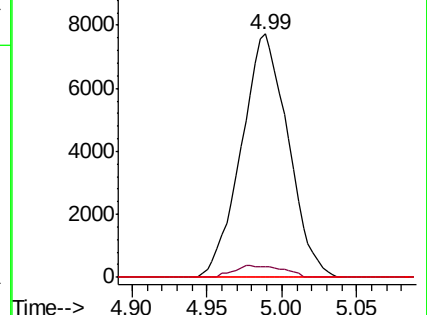
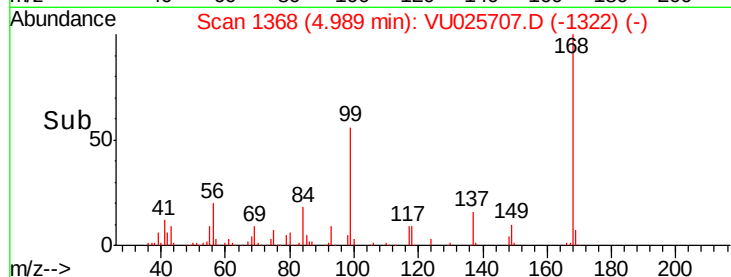
121 0.0 24.6 36.8#



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: 19.48 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

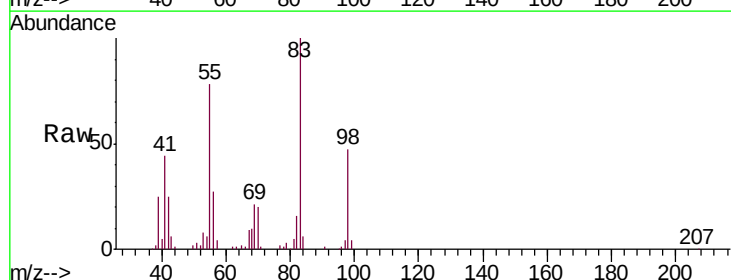
Tgt Ion: 83 Resp: 74394

Ion Ratio Lower Upper

83 100

55 77.6 60.0 90.0

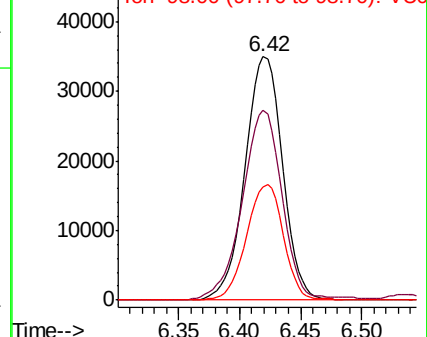
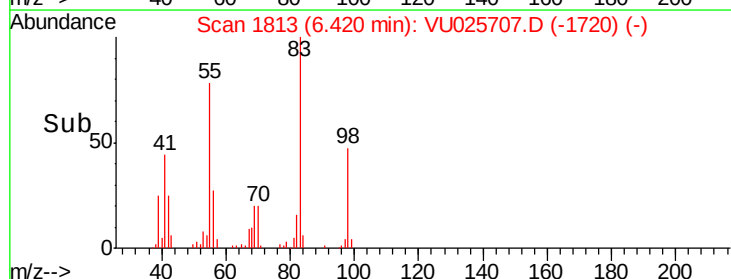
98 46.6 36.1 54.1

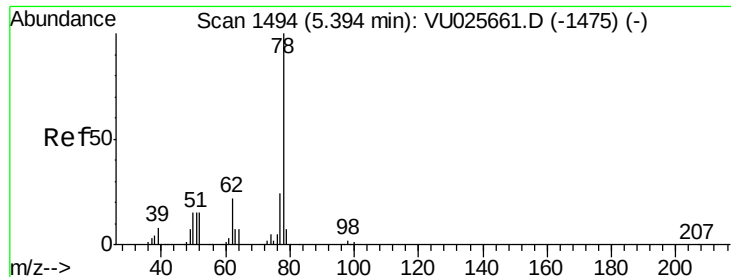


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#40

Benzene

Concen: 0.36 ug/l

RT: 5.40 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

Instrument :

MSVOA_U

ClientSampleId :

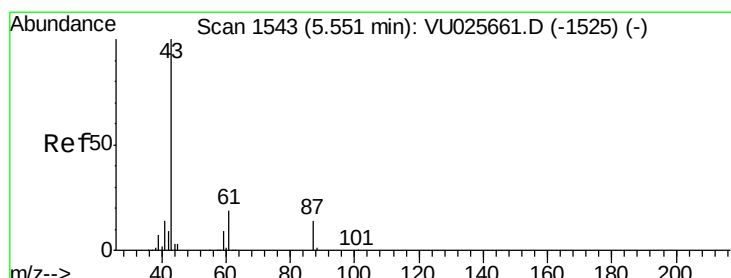
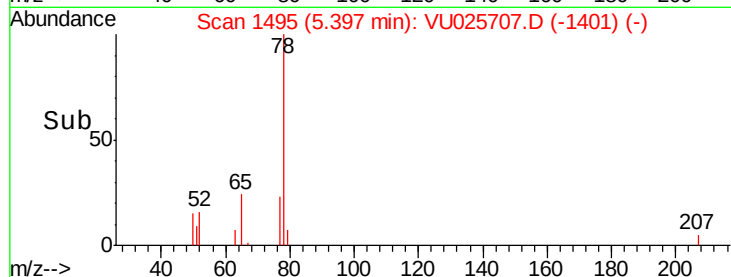
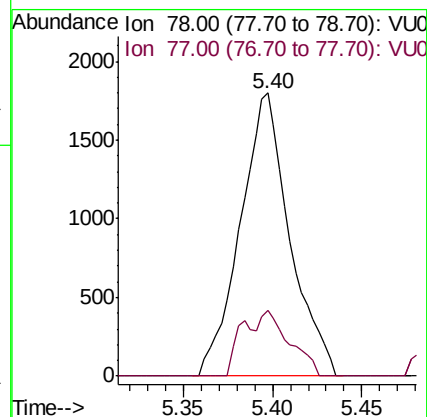
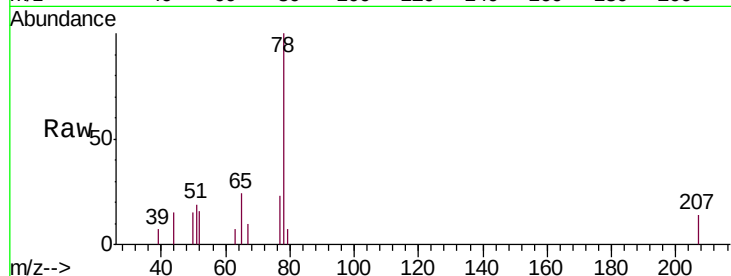
FL-0514

Tot Ion: 78 Resp: 3468

Ion Ratio Lower Upper

78 100

77 23.3 19.8 29.6



#43

Isopropyl Acetate

Concen: 2.75 ug/l

RT: 5.54 min Scan# 1540

Delta R.T. -0.01 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

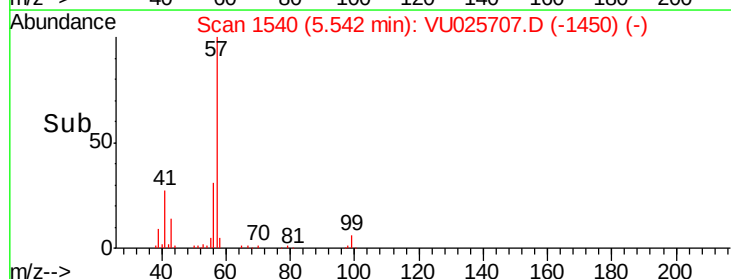
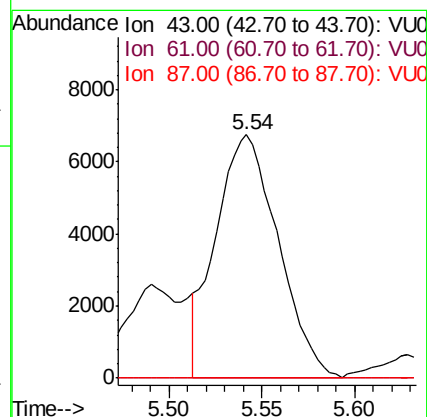
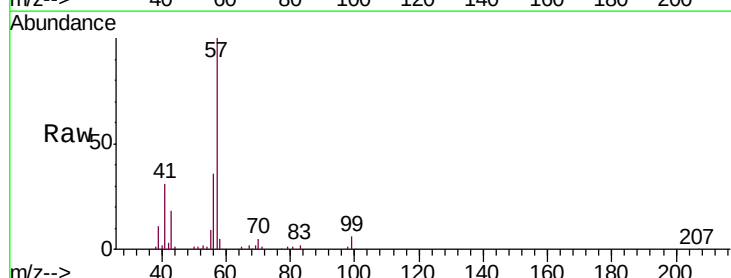
Tgt Ion: 43 Resp: 15721

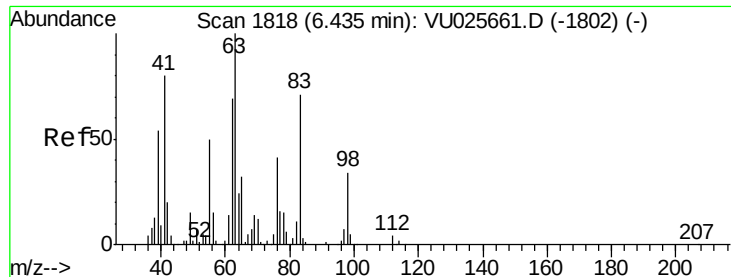
Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

87 0.0 10.6 16.0#

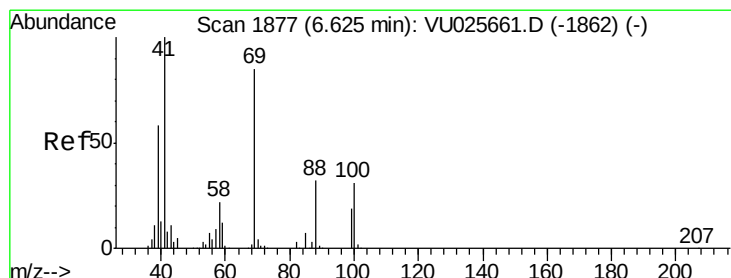
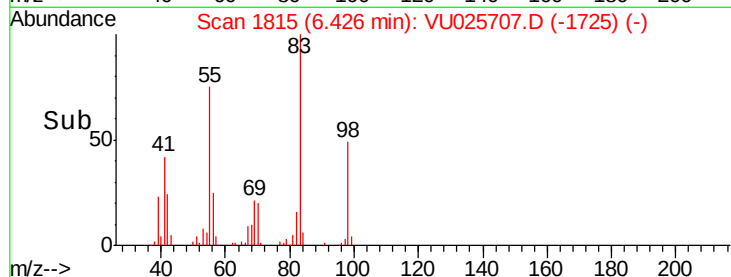
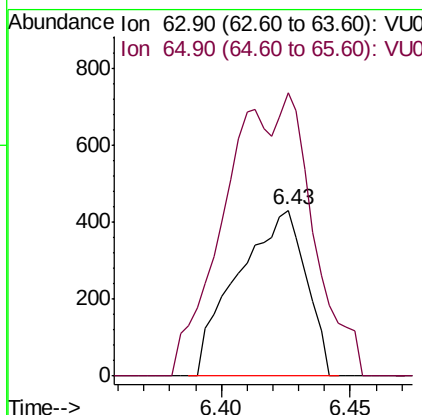
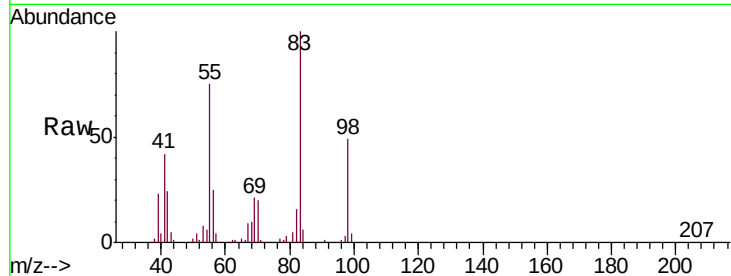




#45
 1,2-Dichloropropane
 Concen: 0.31 ug/l
 RT: 6.43 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: VU025707.D
 Acq: 28 Jul 2018 06:55

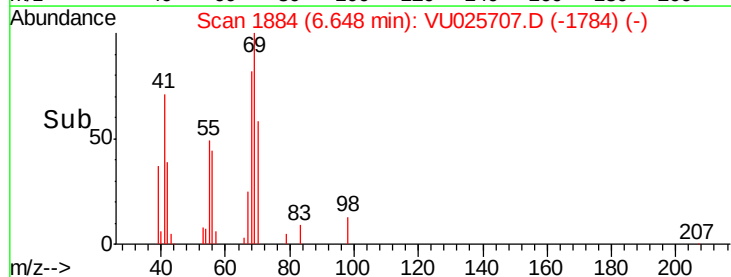
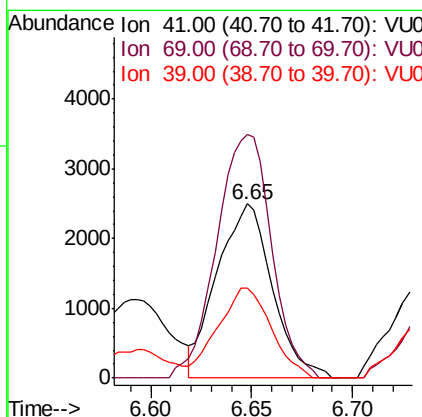
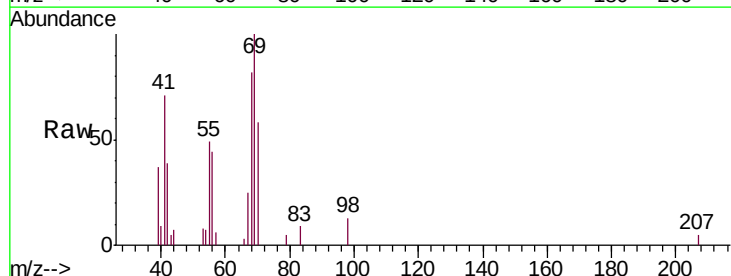
Instrument :
 MSVOA_U
 ClientSampled :
 FL-0514

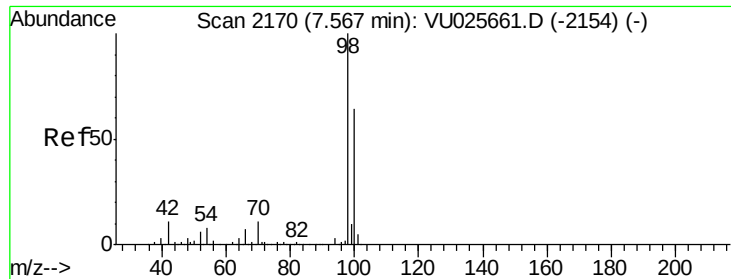
Tot Ion: 63 Resp: 796
 Ion Ratio Lower Upper
 63 100
 65 140.1 26.1 39.1#



#48
 Methyl methacrylate
 Concen: 1.70 ug/l
 RT: 6.65 min Scan# 1884
 Delta R.T. 0.02 min
 Lab File: VU025707.D
 Acq: 28 Jul 2018 06:55

Tgt Ion: 41 Resp: 4768
 Ion Ratio Lower Upper
 41 100
 69 138.6 65.0 97.4#
 39 50.7 46.4 69.6

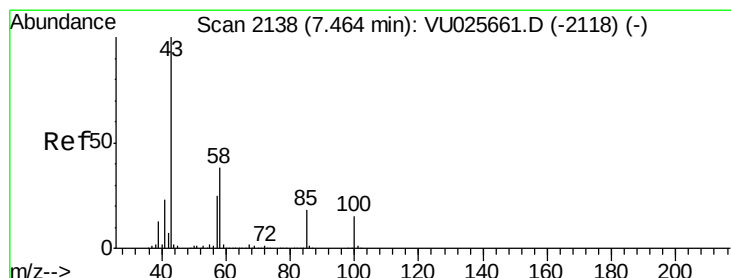
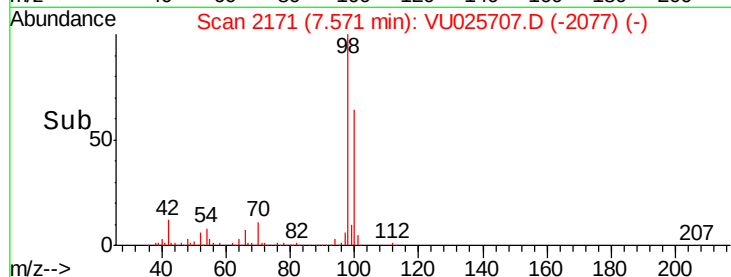
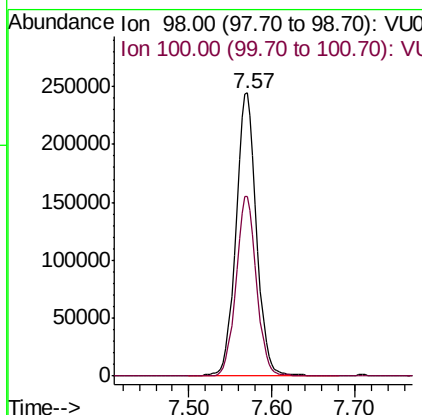
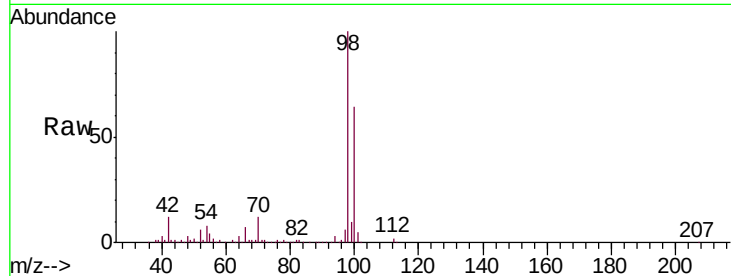




#50
Toluene-d8
Concen: 48.89 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025707.D
Acq: 28 Jul 2018 06:55

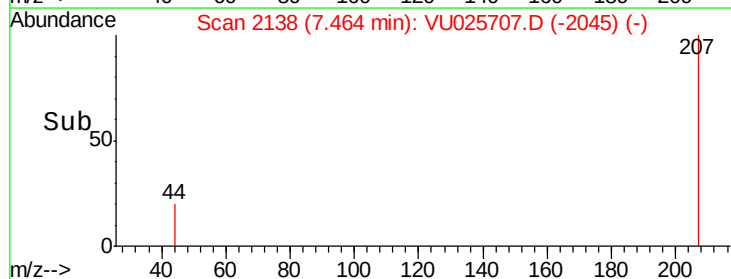
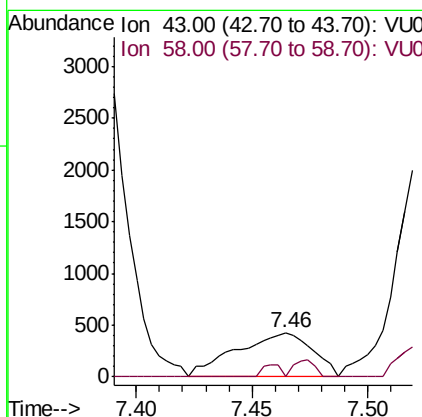
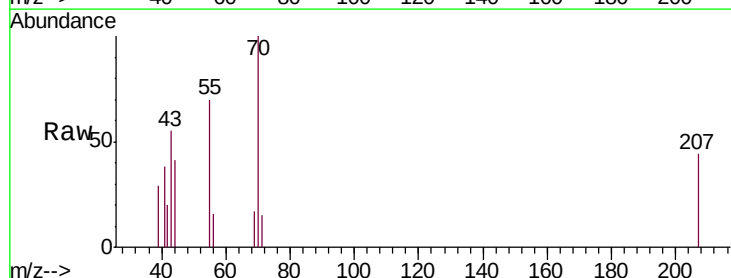
Instrument :
MSVOA_U
ClientSampled :
FL-0514

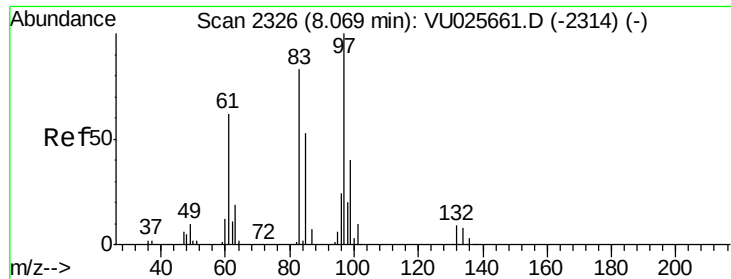
Tot Ion: 98 Resp: 424473
Ion Ratio Lower Upper
98 100
100 63.2 51.1 76.7



#51
4-Methyl-2-Pentanone
Concen: 0.27 ug/l
RT: 7.46 min Scan# 2138
Delta R.T. 0.00 min
Lab File: VU025707.D
Acq: 28 Jul 2018 06:55

Tgt Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
58 10.5 31.0 46.4#

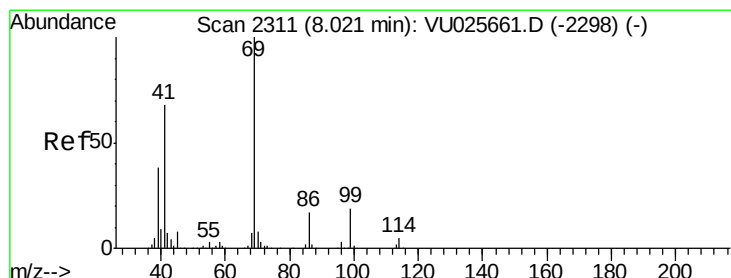
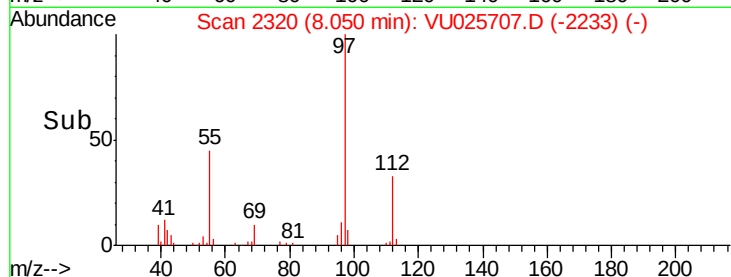
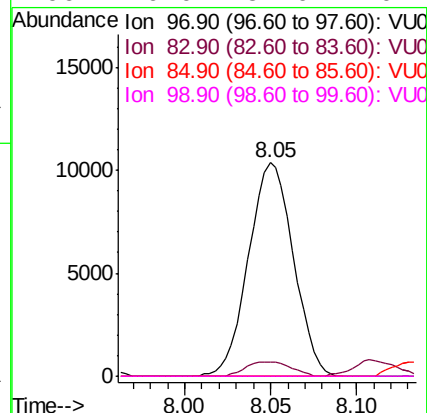
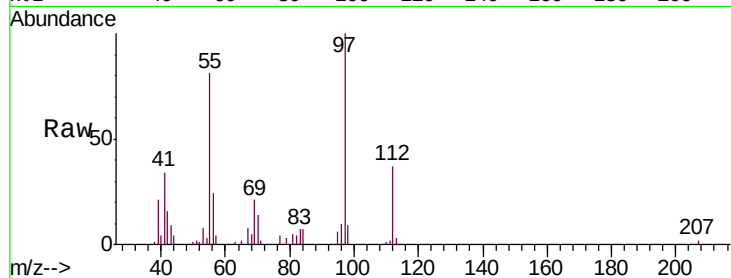




#55
 1,1,2-Trichloroethane
 Concen: 7.46 ug/l
 RT: 8.05 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: VU025707.D
 Acq: 28 Jul 2018 06:55

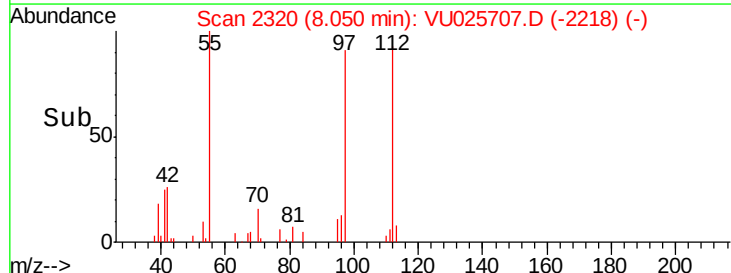
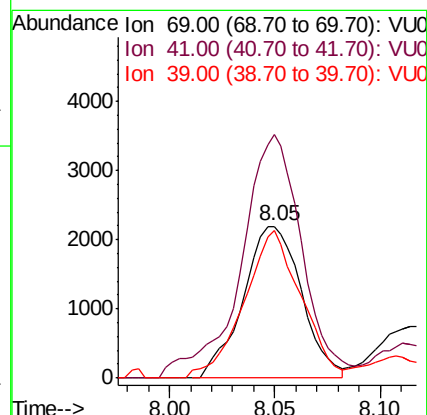
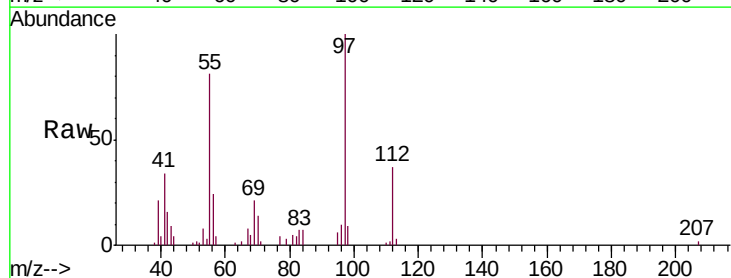
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0514

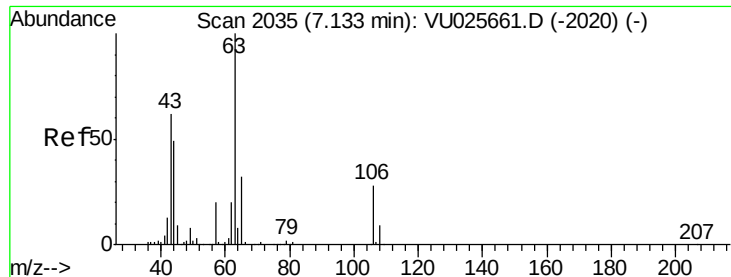
Tot Ion	97	Resp	18763
Ion Ratio	Lower	Upper	
97	100		
83	6.5	68.9	103.3#
85	0.0	44.4	66.6#
99	0.0	51.0	76.4#



#56
 Ethyl methacrylate
 Concen: 1.18 ug/l
 RT: 8.05 min Scan# 2320
 Delta R.T. 0.03 min
 Lab File: VU025707.D
 Acq: 28 Jul 2018 06:55

Tgt Ion	69	Resp	4231
Ion Ratio	Lower	Upper	
69	100		
41	167.0	54.8	82.2#
39	94.3	31.1	46.7#

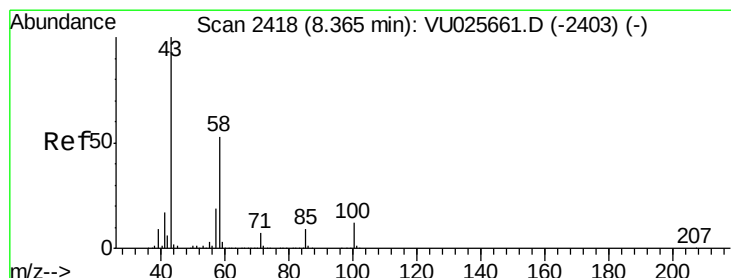
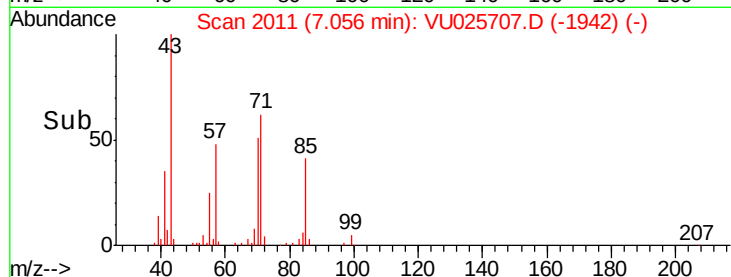
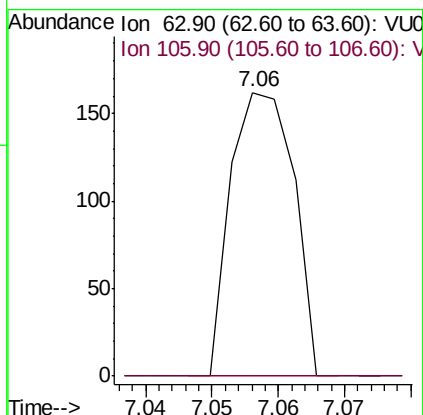
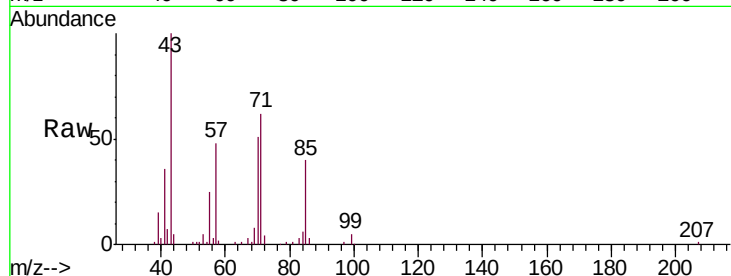




#58
 2-Chloroethyl Vinyl ether
 Concen: 7.14 ug/l
 RT: 7.06 min Scan# 2011
 Delta R.T. -0.08 min
 Lab File: VU025707.D
 Acq: 28 Jul 2018 06:55

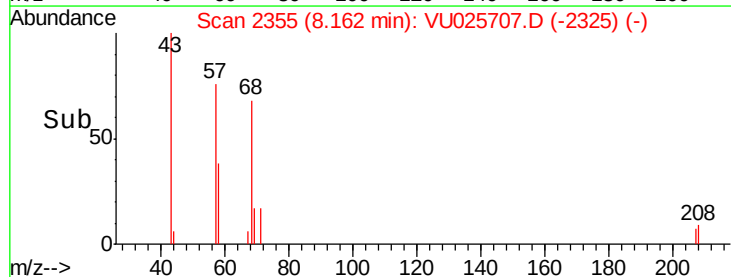
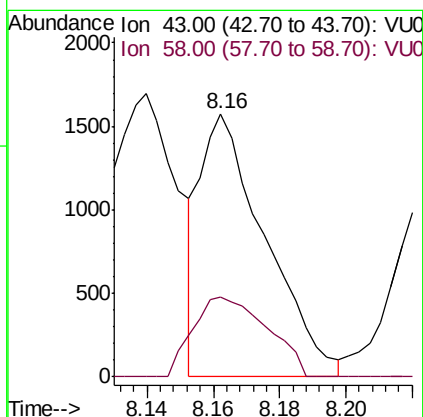
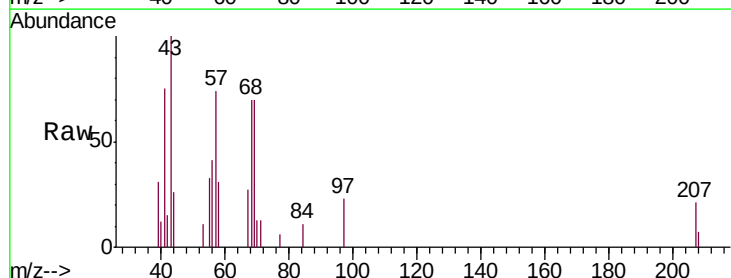
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0514

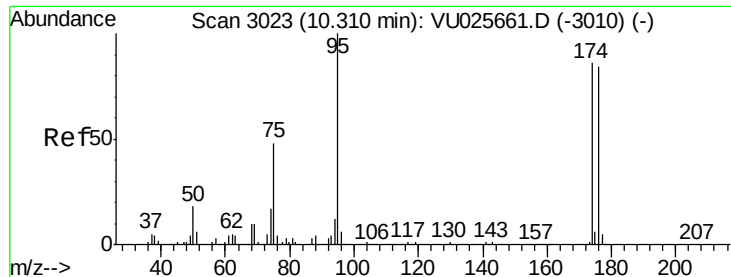
Tot Ion: 63 Resp: 107
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.3 33.5#



#59
 2-Hexanone
 Concen: 0.76 ug/l
 RT: 8.16 min Scan# 2355
 Delta R.T. -0.20 min
 Lab File: VU025707.D
 Acq: 28 Jul 2018 06:55

Tgt Ion: 43 Resp: 2139
 Ion Ratio Lower Upper
 43 100
 58 34.9 26.2 78.5

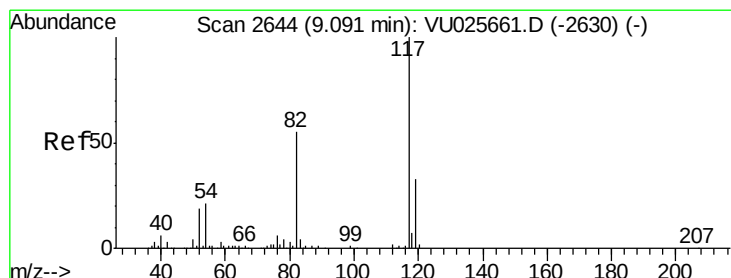
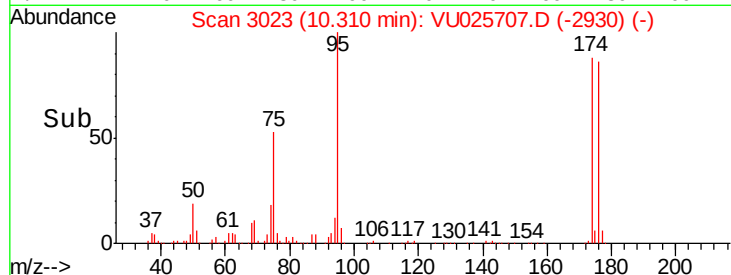
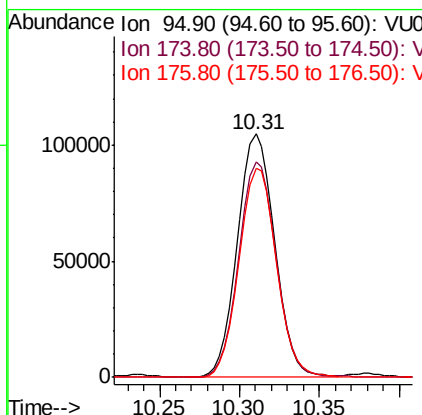
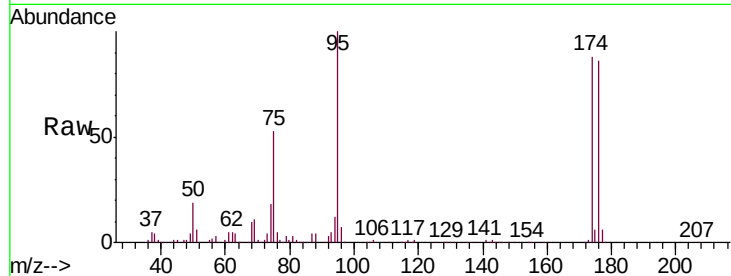




#62
4-Bromofluorobenzene
Concen: 49.40 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025707.D
Acq: 28 Jul 2018 06:55

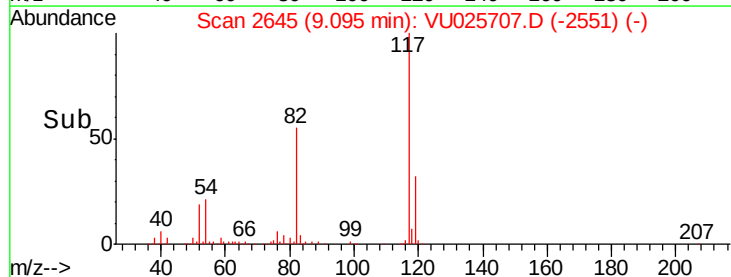
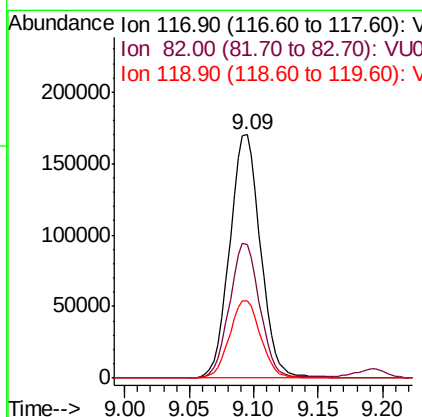
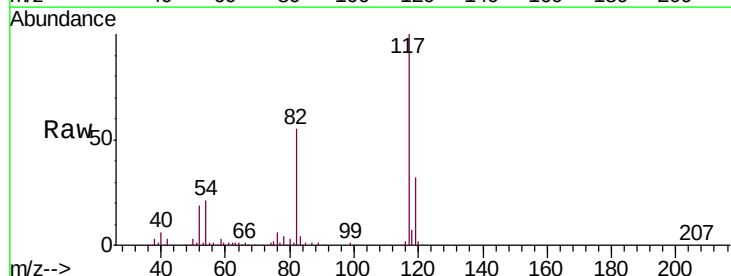
Instrument :
MSVOA_U
ClientSampled :
FL-0514

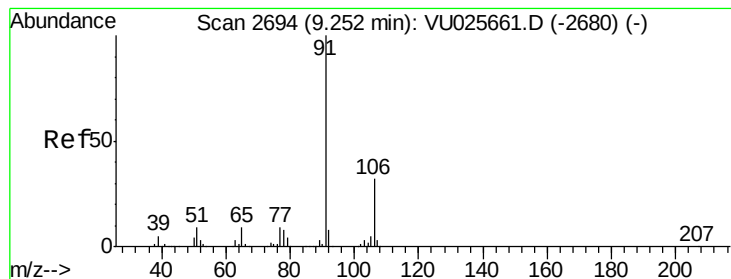
Tot Ion: 95 Resp: 166473
Ion Ratio Lower Upper
95 100
174 89.0 0.0 172.2
176 86.2 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025707.D
Acq: 28 Jul 2018 06:55

Tgt Ion: 117 Resp: 282621
Ion Ratio Lower Upper
117 100
82 54.9 46.0 69.0
119 31.9 26.0 39.0





#67

Ethyl Benzene

Concen: 58.97 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

Instrument :

MSVOA_U

ClientSampleId :

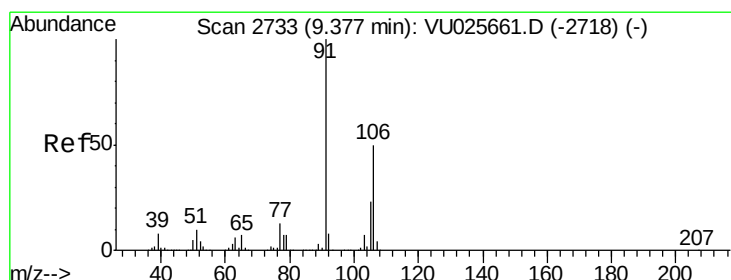
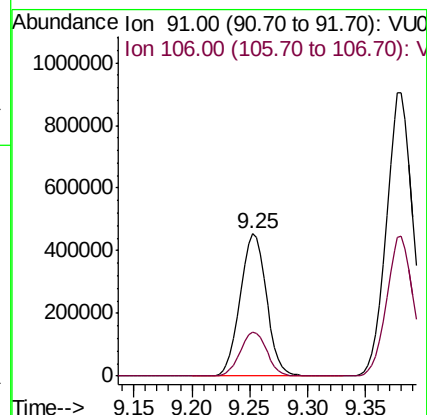
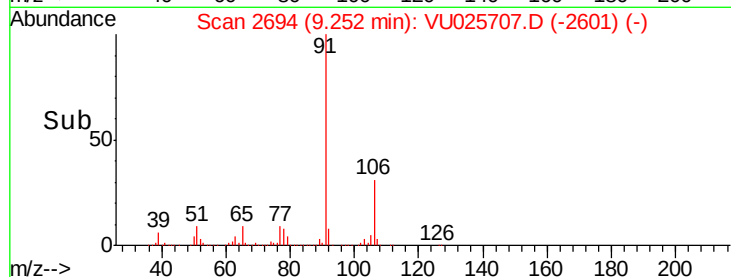
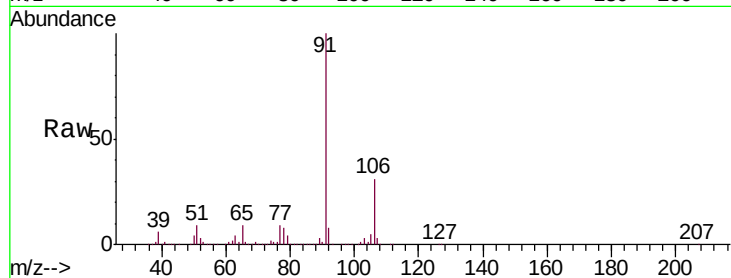
FL-0514

Tot Ion: 91 Resp: 711720

Ion Ratio Lower Upper

91 100

106 31.3 25.3 37.9



#68

m/p-Xylenes

Concen: 156.06 ug/l

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU025707.D

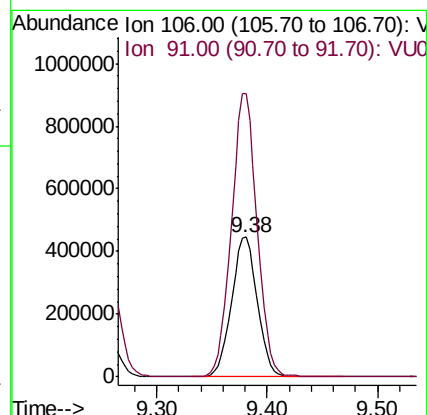
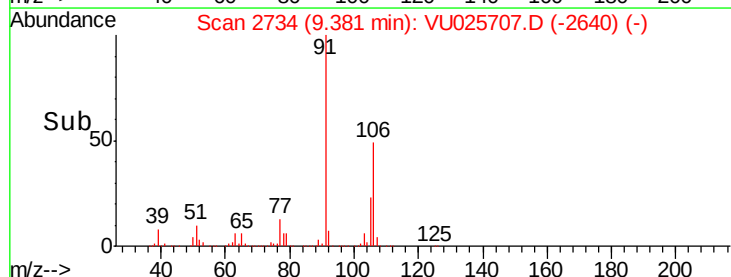
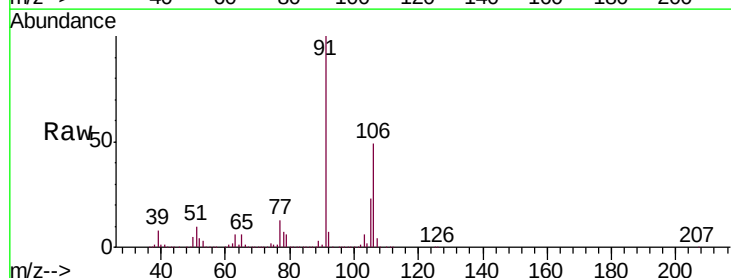
Acq: 28 Jul 2018 06:55

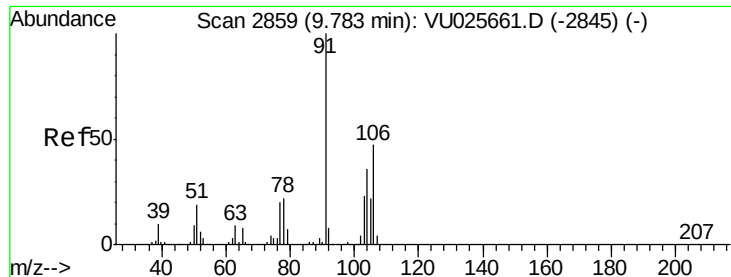
Tgt Ion: 106 Resp: 723171

Ion Ratio Lower Upper

106 100

91 201.7 162.3 243.5

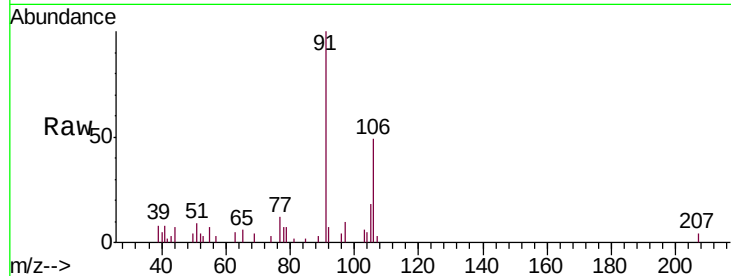




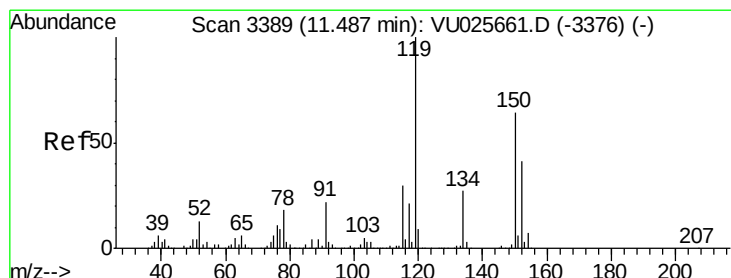
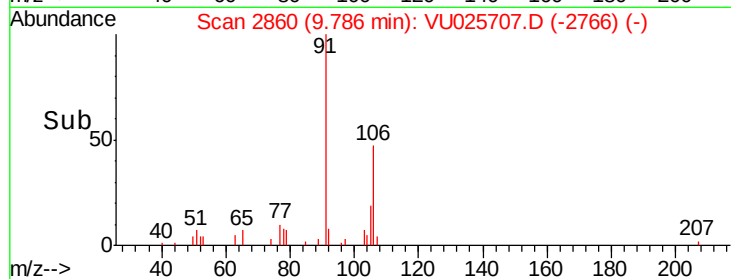
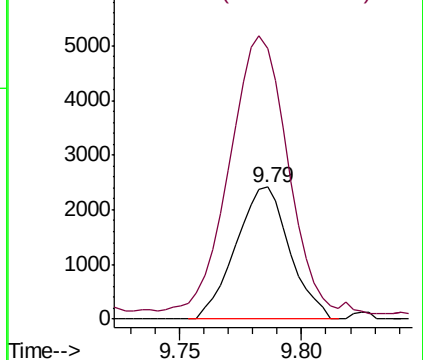
#69
o-Xylene
Concen: 0.81 ug/l
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU025707.D
Acq: 28 Jul 2018 06:55

Instrument :
MSVOA_U
ClientSampleId :
FL-0514

Tot Ion:106 Resp: 3688
Ion Ratio Lower Upper
106 100
91 228.6 105.3 315.8

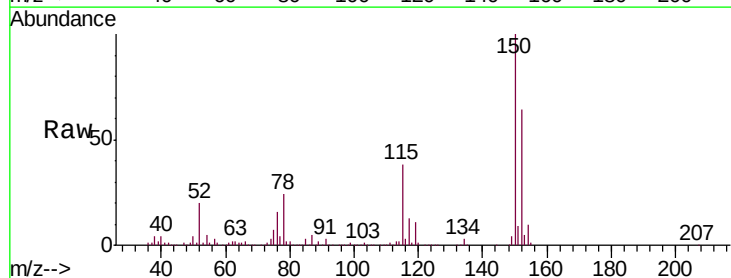


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

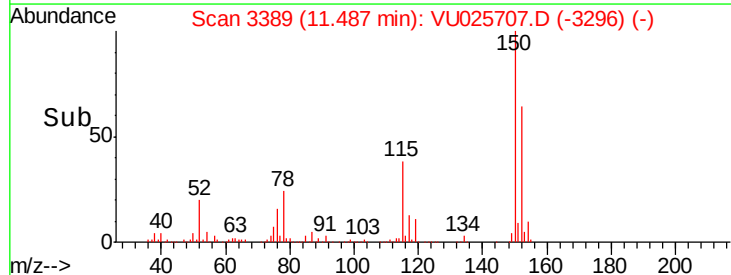
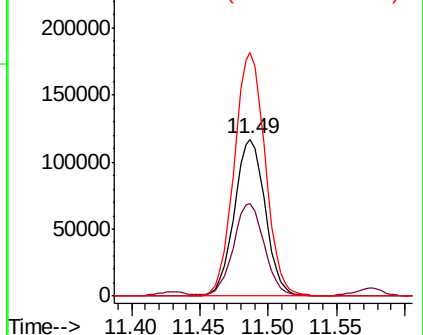


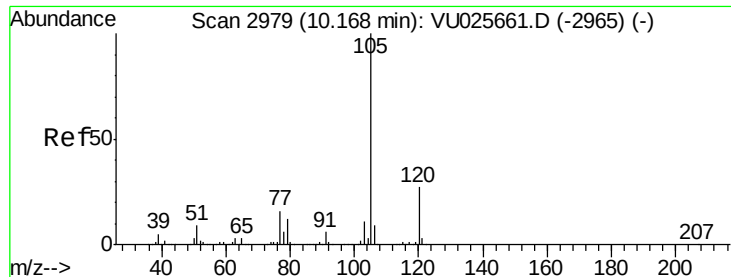
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025707.D
Acq: 28 Jul 2018 06:55

Tgt Ion:152 Resp: 183768
Ion Ratio Lower Upper
152 100
115 59.4 40.1 120.3
150 156.1 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: 10.80 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

Instrument :

MSVOA_U

ClientSampleId :

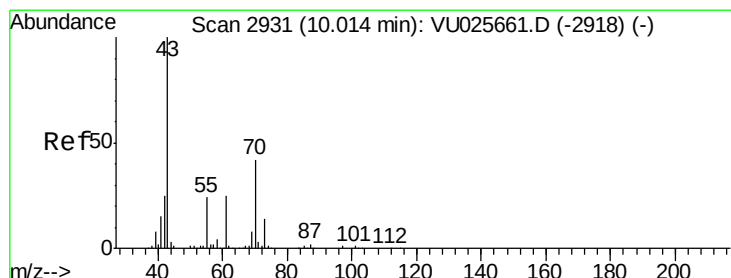
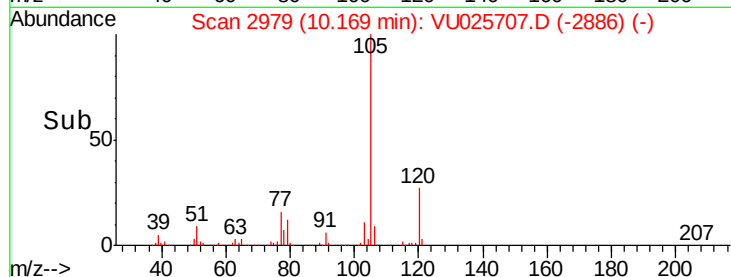
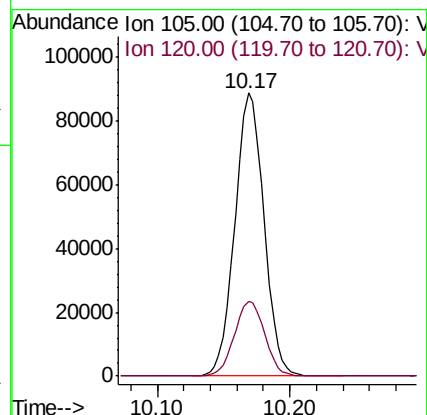
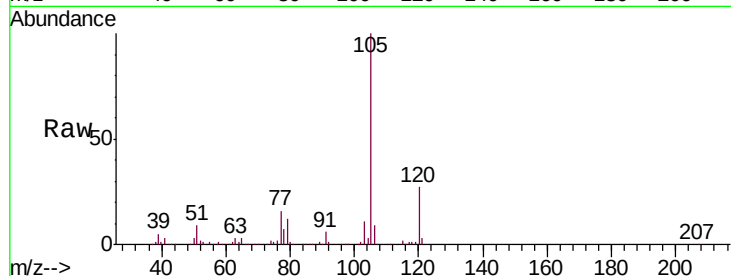
FL-0514

Tot Ion:105 Resp: 135398

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.5



#74

N-ethyl acetate

Concen: 0.42 ug/l

RT: 10.05 min Scan# 2942

Delta R.T. 0.04 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

Tgt Ion: 43 Resp: 2141

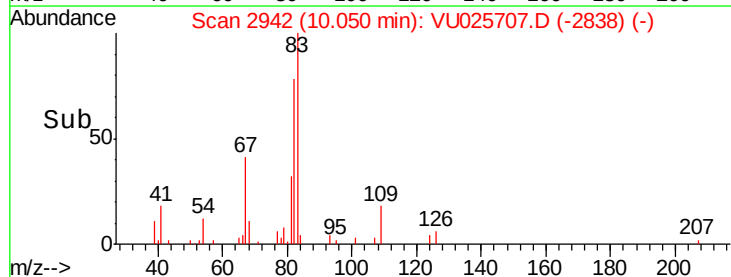
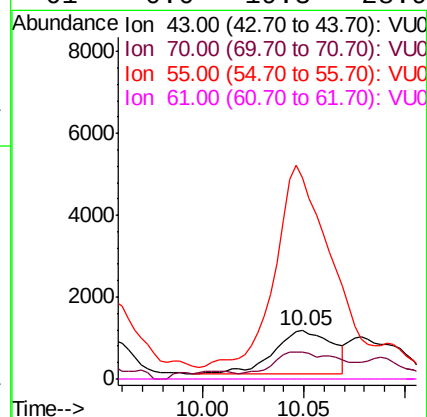
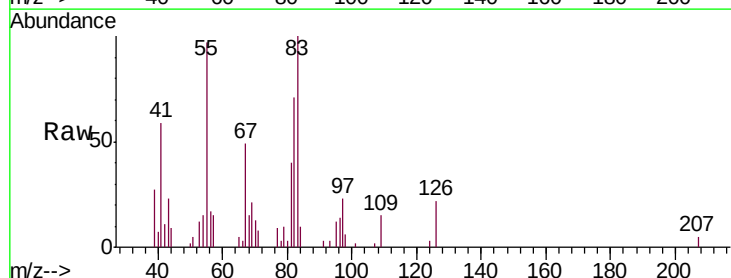
Ion Ratio Lower Upper

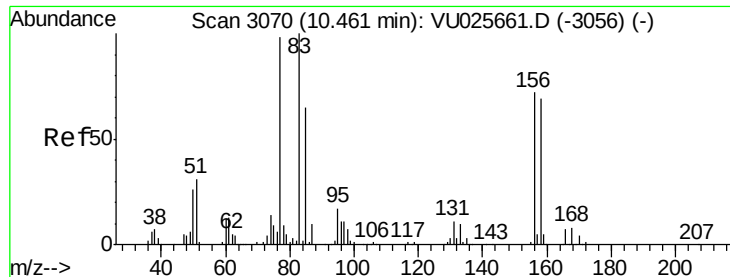
43 100

70 64.3 33.4 50.2#

55 435.5 19.0 28.6#

61 0.0 19.3 28.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.58 ug/l

RT: 10.49 min Scan# 3080

Delta R.T. 0.03 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

Instrument :

MSVOA_U

ClientSampleId :

FL-0514

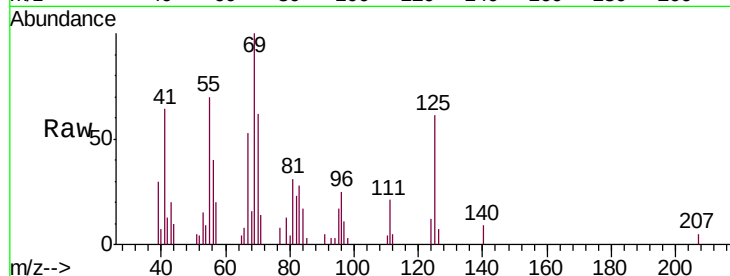
Tot Ion: 83 Resp: 2535

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

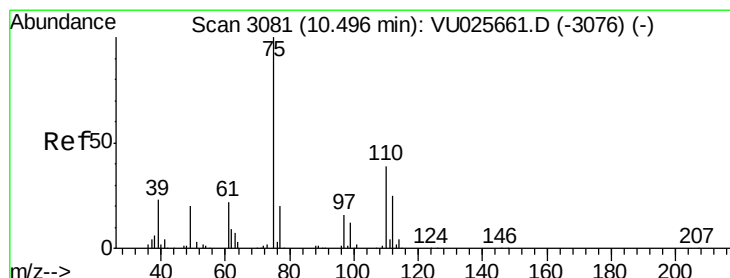
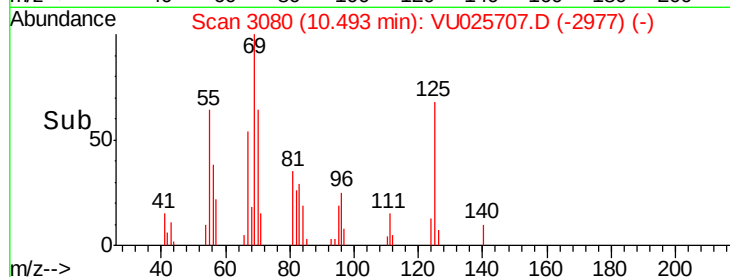
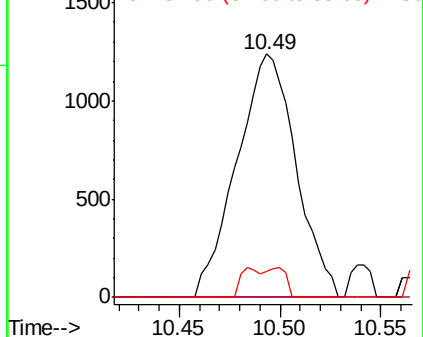
85 4.0 31.6 94.8#



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 21.41 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025707.D

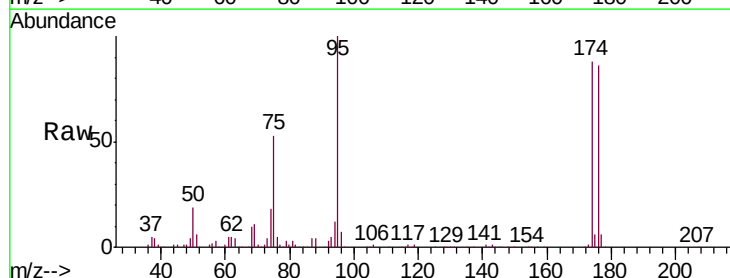
Acq: 28 Jul 2018 06:55

Tgt Ion: 75 Resp: 86672

Ion Ratio Lower Upper

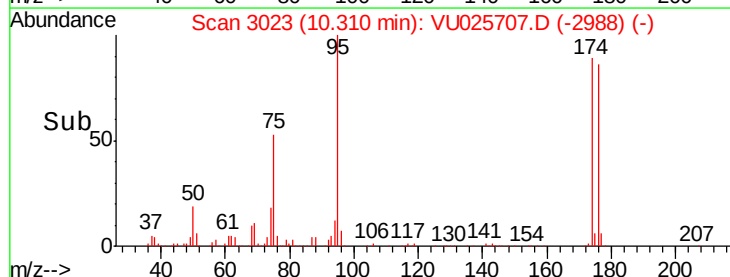
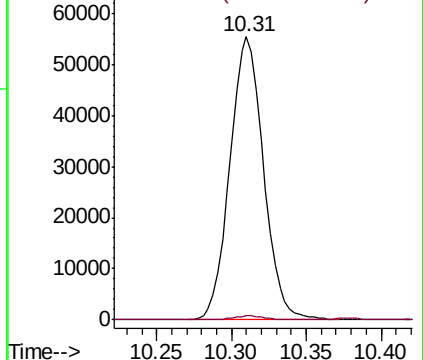
75 100

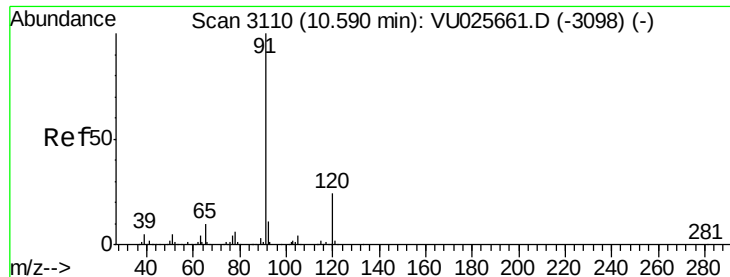
77 0.0 20.4 61.3#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#78

n-propylbenzene

Concen: 12.88 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

Instrument :

MSVOA_U

ClientSampled :

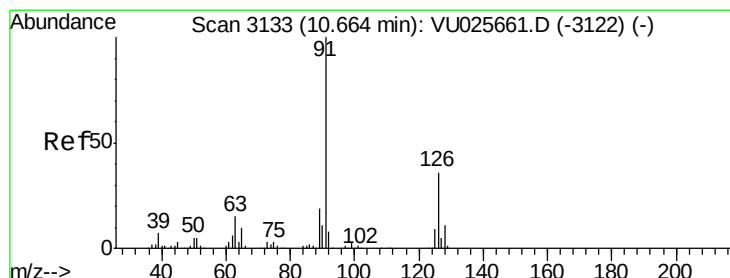
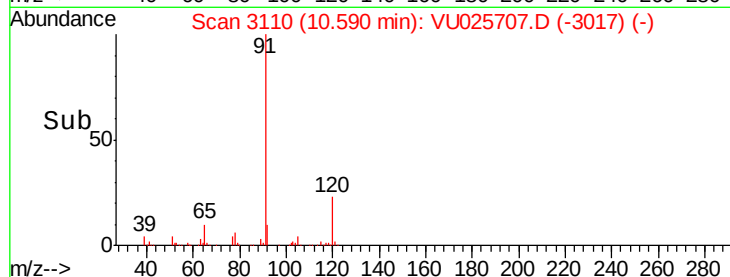
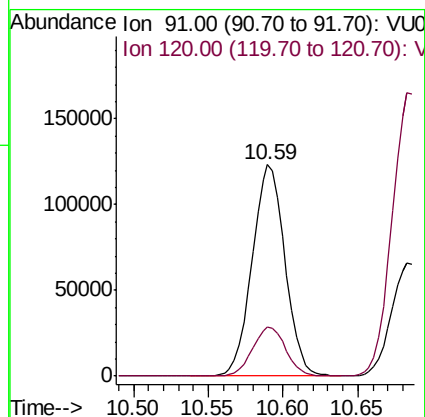
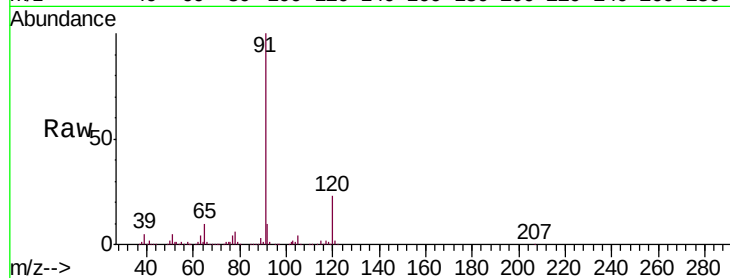
FL-0514

Tot Ion: 91 Resp: 188583

Ion Ratio Lower Upper

91 100

120 23.4 11.8 35.3



#79

2-Chlorotoluene

Concen: 12.38 ug/l

RT: 10.68 min Scan# 3139

Delta R.T. 0.02 min

Lab File: VU025707.D

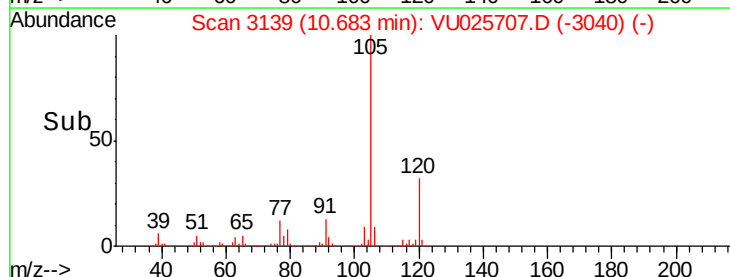
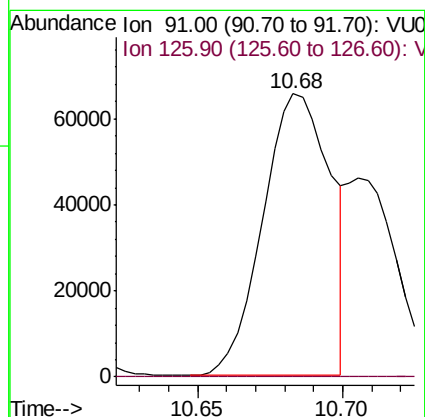
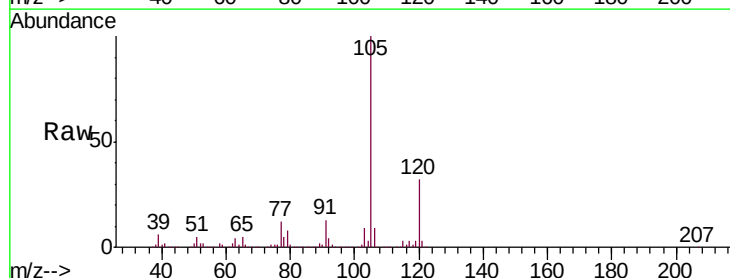
Acq: 28 Jul 2018 06:55

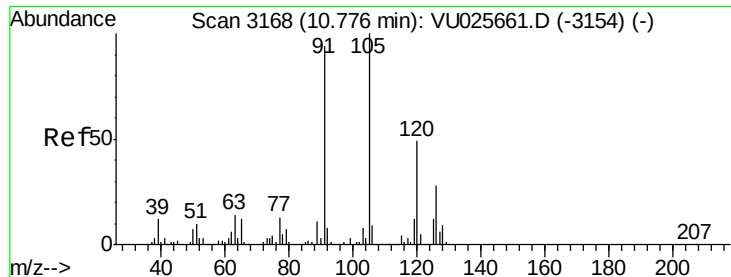
Tgt Ion: 91 Resp: 106122

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.6#

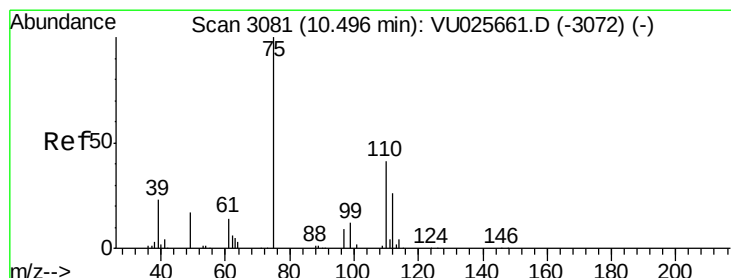
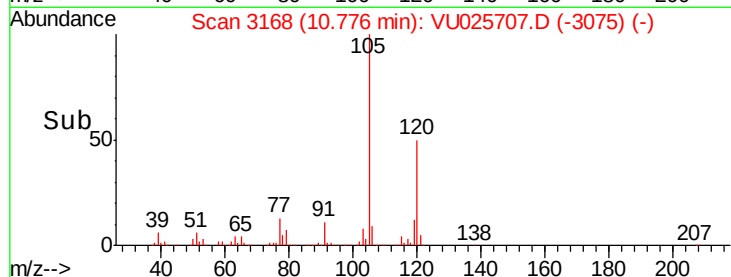
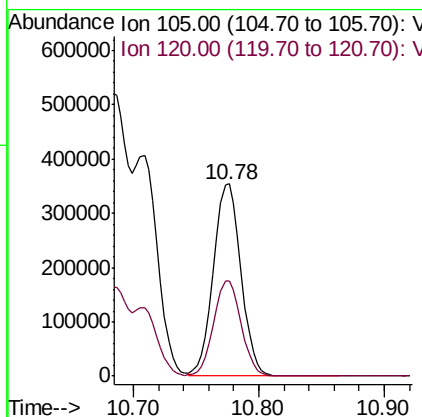
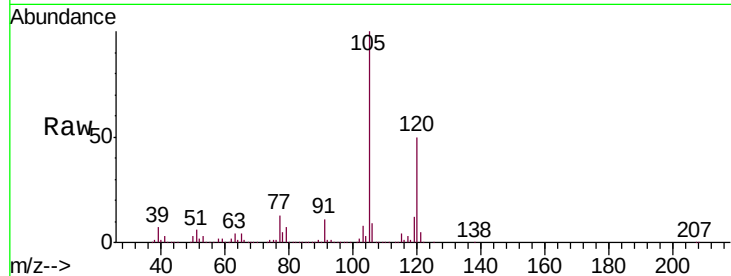




#80
 1,3,5-Trimethylbenzene
 Concen: 50.53 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025707.D
 Acq: 28 Jul 2018 06:55

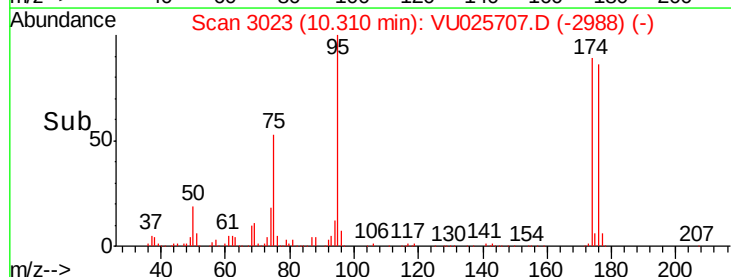
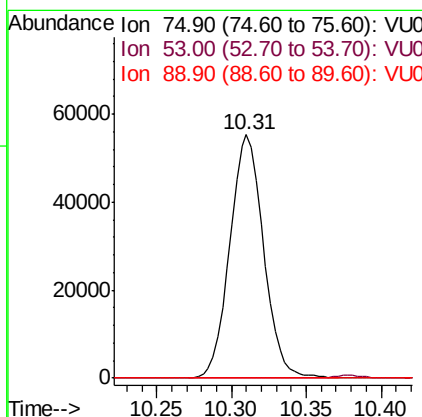
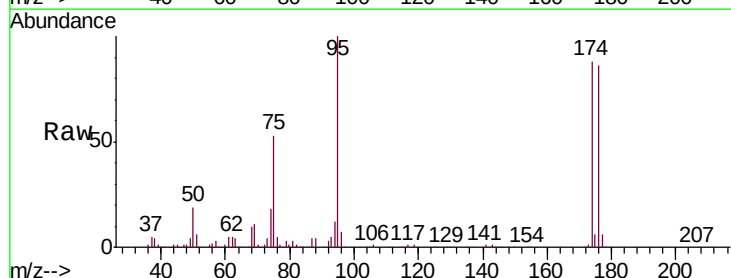
Instrument :
 MSVOA_U
 ClientSampled :
 FL-0514

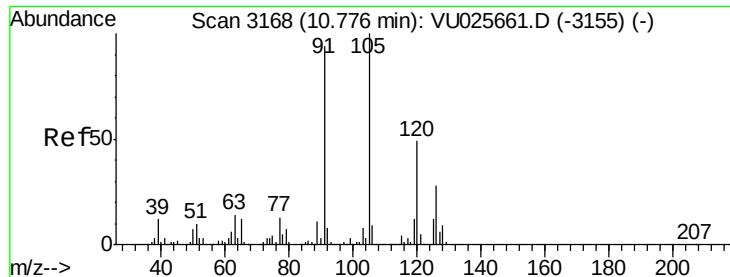
Tot Ion:105 Resp: 538274
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.67 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU025707.D
 Acq: 28 Jul 2018 06:55

Tgt Ion: 75 Resp: 86672
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 5.65 ug/l

RT: 10.77 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

Instrument :

MSVOA_U

ClientSampled :

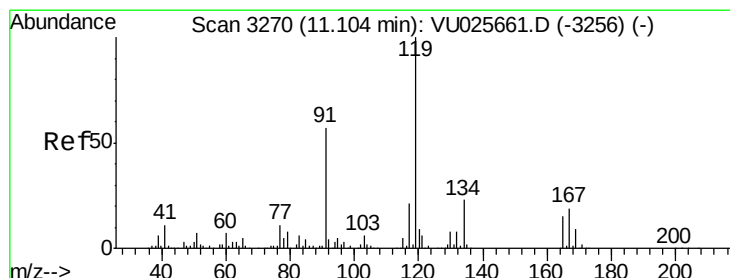
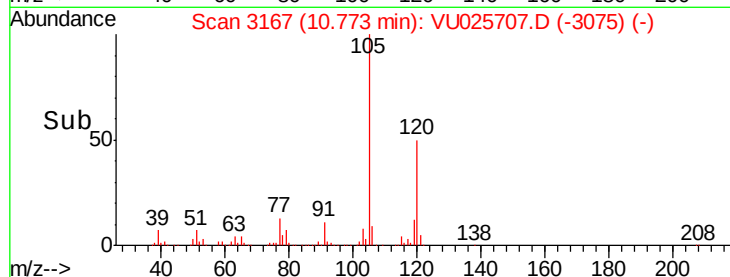
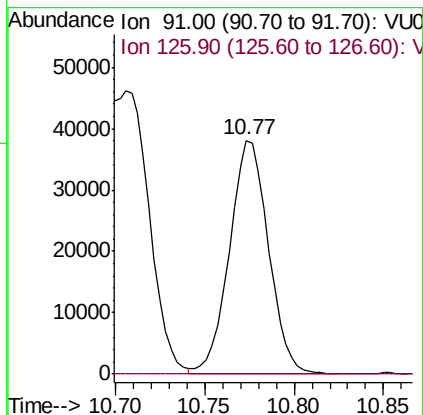
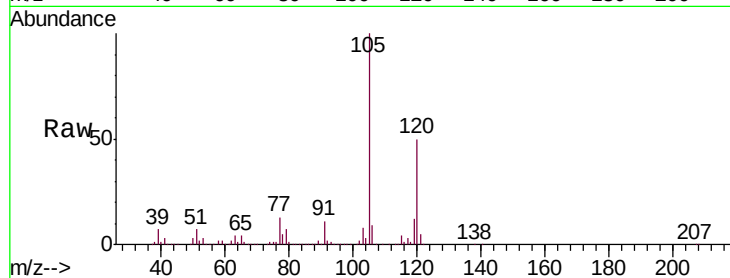
FL-0514

Tot Ion: 91 Resp: 57100

Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.9#



#83

tert-Butylbenzene

Concen: 0.52 ug/l

RT: 11.10 min Scan# 3269

Delta R.T. -0.00 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

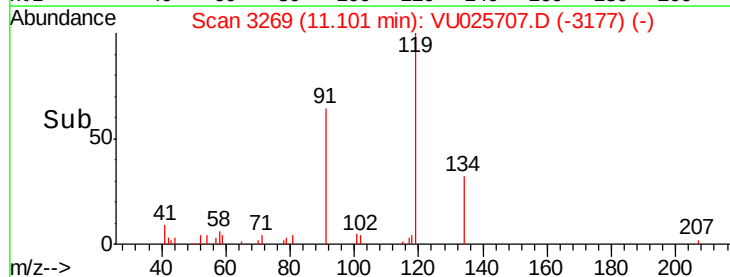
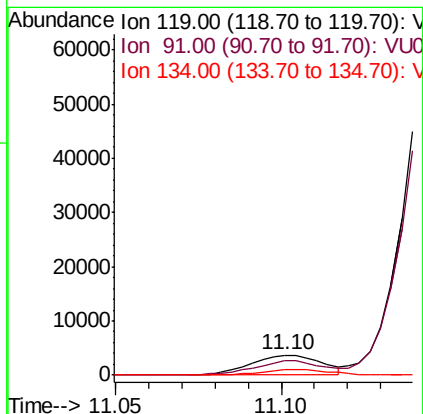
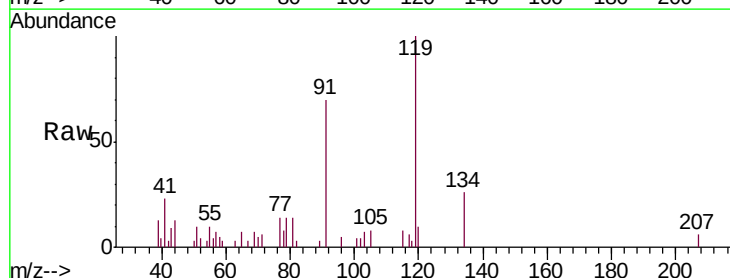
Tgt Ion: 119 Resp: 5452

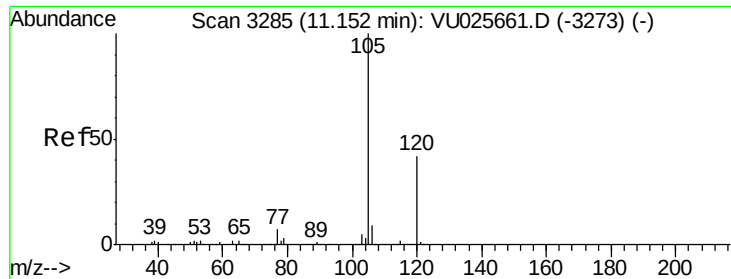
Ion Ratio Lower Upper

119 100

91 69.1 29.7 89.1

134 25.8 11.5 34.5





#84

1,2,4-Trimethylbenzene

Concen: 107.58 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

Instrument :

MSVOA_U

ClientSampleId :

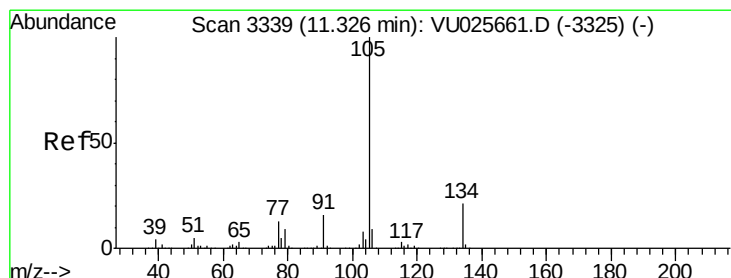
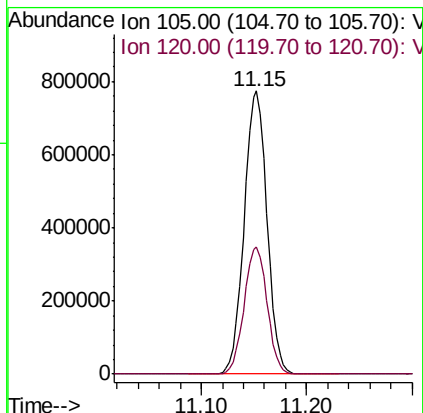
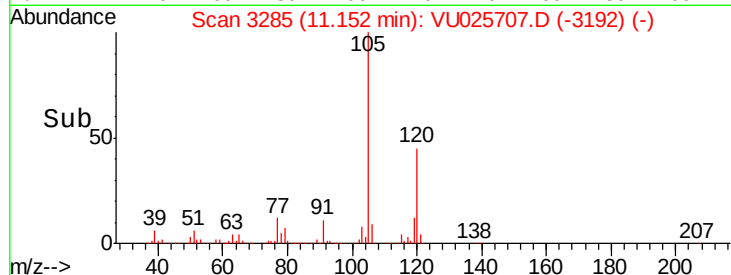
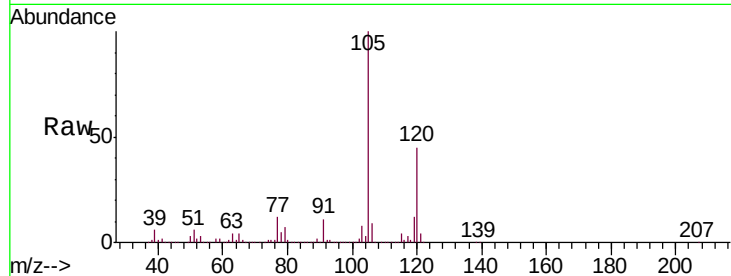
FL-0514

Tot Ion:105 Resp: 1161308

Ion Ratio Lower Upper

105 100

120 45.3 22.3 66.8



#85

sec-Butylbenzene

Concen: 89.87 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. -0.17 min

Lab File: VU025707.D

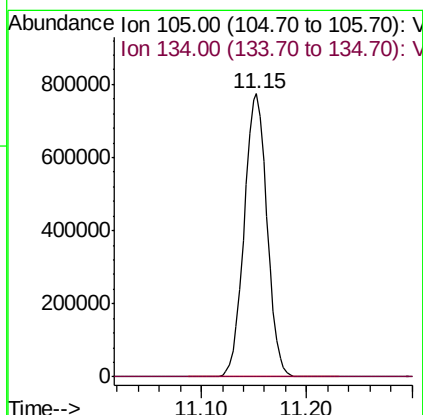
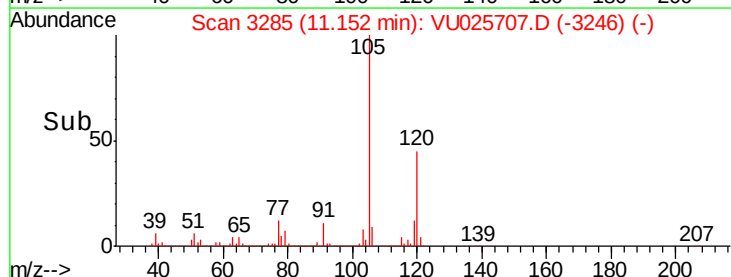
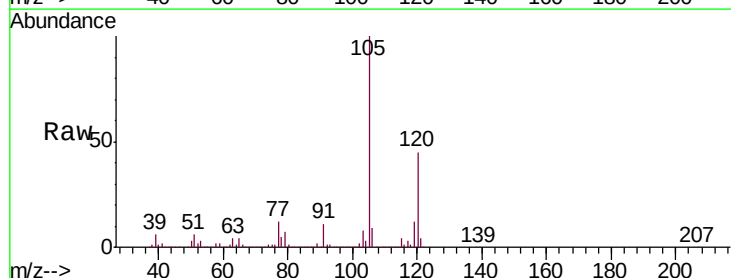
Acq: 28 Jul 2018 06:55

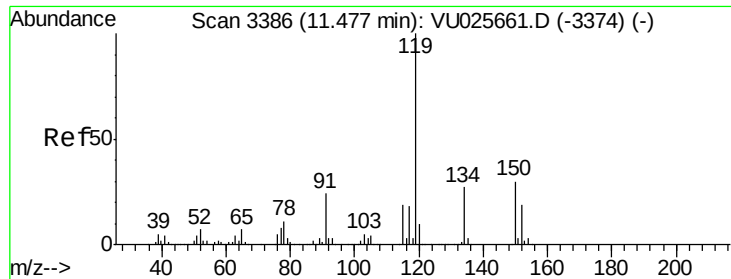
Tgt Ion:105 Resp: 1161308

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.8#

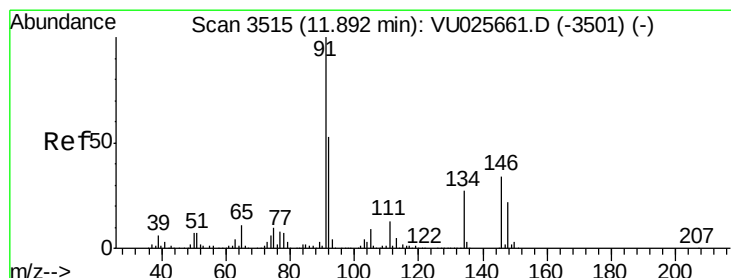
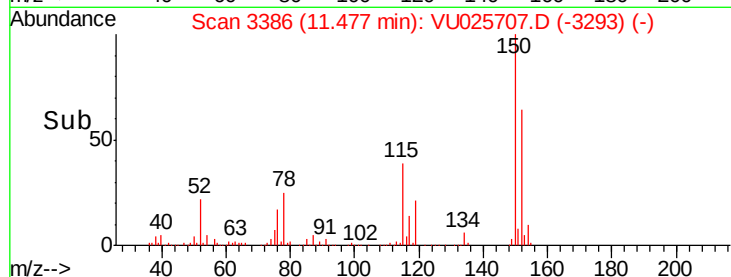
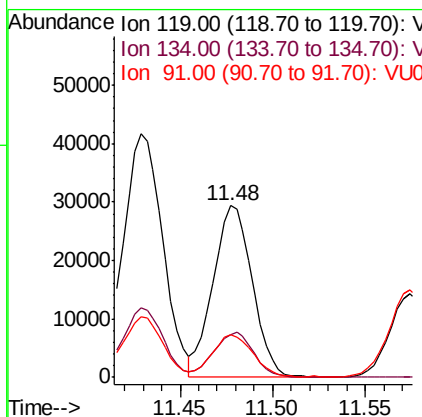
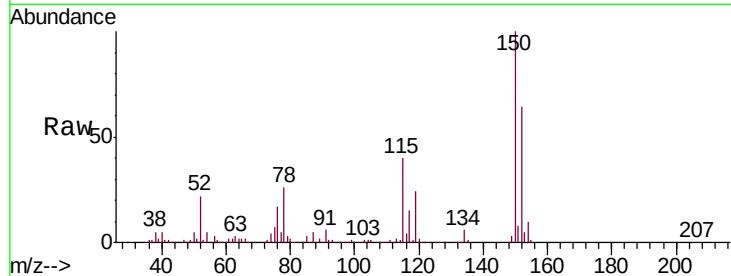




#86
 p-Isopropyltoluene
 Concen: 3.75 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU025707.D
 Acq: 28 Jul 2018 06:55

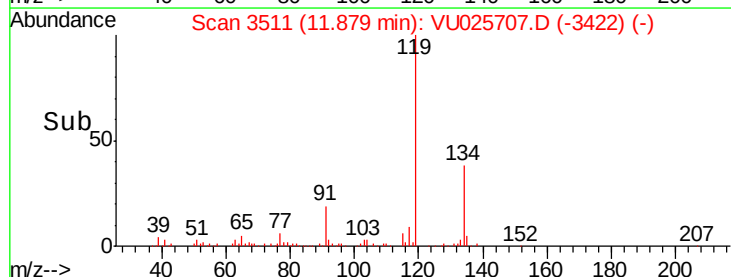
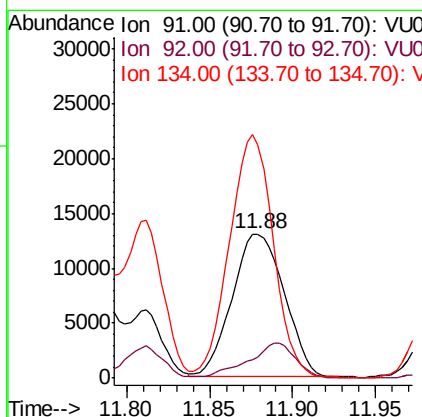
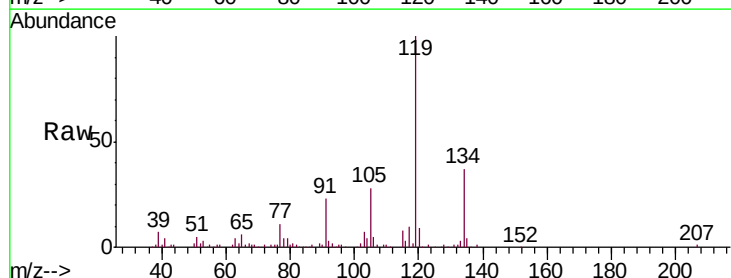
Instrument :
 MSVOA_U
 ClientSampled :
 FL-0514

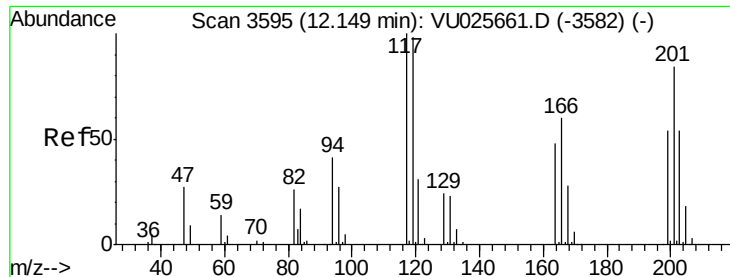
Tot Ion:119 Resp: 43342
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 25.1 12.0 36.1



#89
 n-Butylbenzene
 Concen: 2.68 ug/l
 RT: 11.88 min Scan# 3511
 Delta R.T. -0.01 min
 Lab File: VU025707.D
 Acq: 28 Jul 2018 06:55

Tgt Ion: 91 Resp: 28607
 Ion Ratio Lower Upper
 91 100
 92 22.2 26.5 79.5#
 134 142.3 13.6 40.7#





#90

Hexachloroethane

Concen: 4.02 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

Instrument :

MSVOA_U

ClientSampleId :

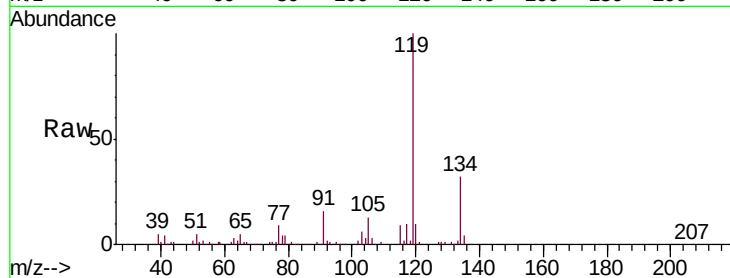
FL-0514

Tot Ion:117 Resp: 8272

Ion Ratio Lower Upper

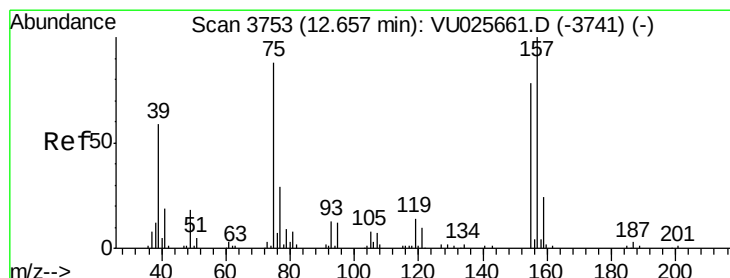
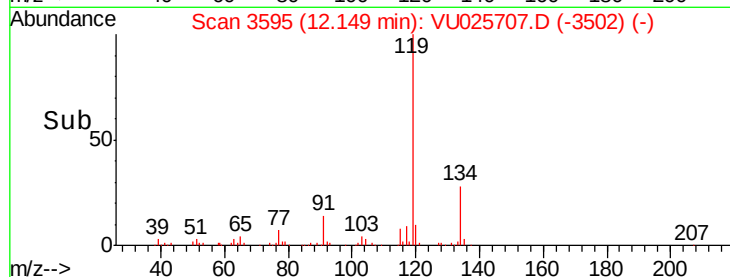
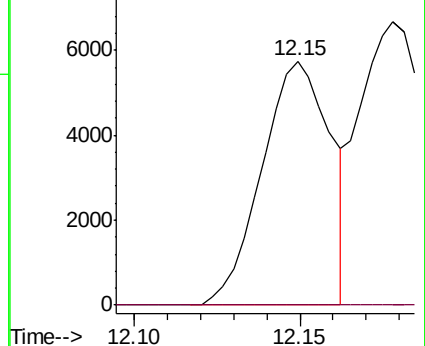
117 100

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: 0.64 ug/l

RT: 12.65 min Scan# 3750

Delta R.T. -0.01 min

Lab File: VU025707.D

Acq: 28 Jul 2018 06:55

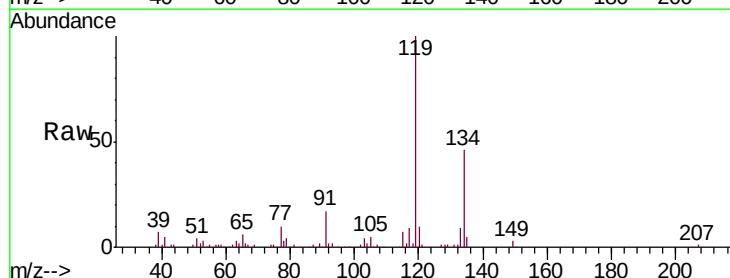
Tgt Ion: 75 Resp: 658

Ion Ratio Lower Upper

75 100

155 0.0 44.5 133.3#

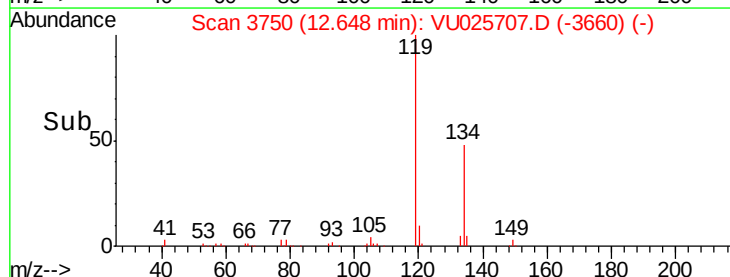
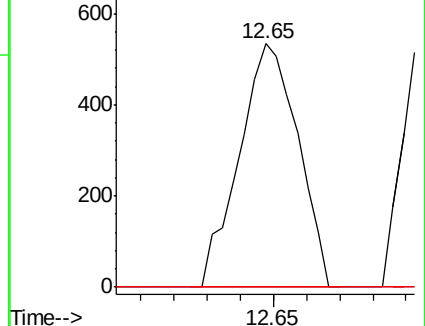
157 0.0 57.0 170.8#

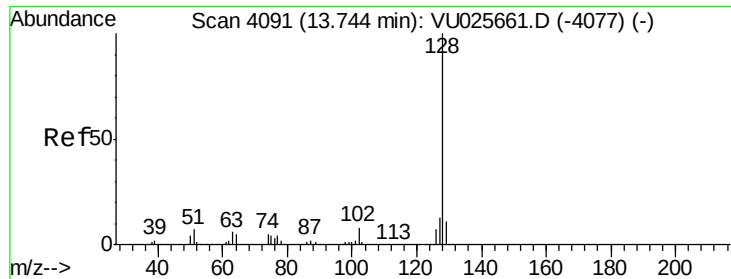


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
 Naphthalene
 Concen: 34.84 ug/l
 RT: 13.74 min Scan# 4091
 Delta R.T. 0.00 min
 Lab File: VU025707.D
 Acq: 28 Jul 2018 06:55

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0514

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.2	8.3	12.5

