

Data File : VU025896.D
Acq On : 06 Aug 2018 19:15
Operator : MD/SY
Sample : J4263-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0521

Quant Time: Aug 07 00:59:19 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	178856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	293920	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	289756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	177055	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	145211	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
35) Dibromofluoromethane	4.89	113	123451	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
50) Toluene-d8	7.57	98	432722	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
62) 4-Bromofluorobenzene	10.31	95	162921	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	

Target Compounds						Qvalue
3) Chloromethane	1.33	50	673	0.260	ug/l #	71
11) Tert butyl alcohol	2.82	59	177	0.290	ug/l #	73
13) Acrolein	2.31	56	7696	33.066	ug/l	84
14) Allyl chloride	2.71	41	22710	6.581	ug/l #	55
15) Acrylonitrile	3.00	53	5753	4.723	ug/l #	41
16) Acetone	2.30	43	24943	18.358	ug/l #	56
18) Methyl Acetate	2.71	43	52085	15.927	ug/l #	52
20) Methylene Chloride	2.71	84	957	0.397	ug/l #	1
25) 2-Butanone	4.23	43	1057	0.571	ug/l #	49
26) 2,2-Dichloropropane	4.10	77	1978	0.533	ug/l #	53
29) Tetrahydrofuran	4.74	42	511	0.461	ug/l #	1
31) Cyclohexane	5.00	56	85755	23.430	ug/l	98
36) 1,1-Dichloropropene	4.99	75	12769	3.717	ug/l #	58
37) Ethyl Acetate	4.23	43	1057	0.297	ug/l #	69
38) Carbon Tetrachloride	4.99	117	17608	4.526	ug/l #	16
39) Methylcyclohexane	6.42	83	193645	49.202	ug/l	96
43) Isopropyl Acetate	5.56	43	2018	0.343	ug/l #	61
45) 1,2-Dichloropropane	6.42	63	2043	0.780	ug/l #	1
48) Methyl methacrylate	6.64	41	8674	3.007	ug/l #	53
51) 4-Methyl-2-Pentanone	7.47	43	896	0.243	ug/l #	64
55) 1,1,2-Trichloroethane	8.05	97	12172	4.696	ug/l #	19
56) Ethyl methacrylate	8.05	69	2979	0.804	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.26	63	21	7.089	ug/l #	47
67) Ethyl Benzene	9.26	91	36208	2.926	ug/l	99
68) m/p-Xylenes	9.38	106	17915	3.771	ug/l	95
73) Isopropylbenzene	10.17	105	46084	3.814	ug/l	99
76) 1,2,3-Trichloropropane	10.31	75	84727	21.719	ug/l #	36
78) n-propylbenzene	10.59	91	128882	9.138	ug/l	100
79) 2-Chlorotoluene	10.71	91	10351	1.253	ug/l #	40
80) 1,3,5-Trimethylbenzene	10.78	105	81363	7.928	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.31	75	84727	54.460	ug/l #	100
82) 4-Chlorotoluene	10.78	91	9522	0.978	ug/l #	44
83) tert-Butylbenzene	11.10	119	3631	0.356	ug/l	91
84) 1,2,4-Trimethylbenzene	11.15	105	215696	20.740	ug/l	98

Data File : VU025896.D
Acq On : 06 Aug 2018 19:15
Operator : MD/SY
Sample : J4263-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0521

Quant Time: Aug 07 00:59:19 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

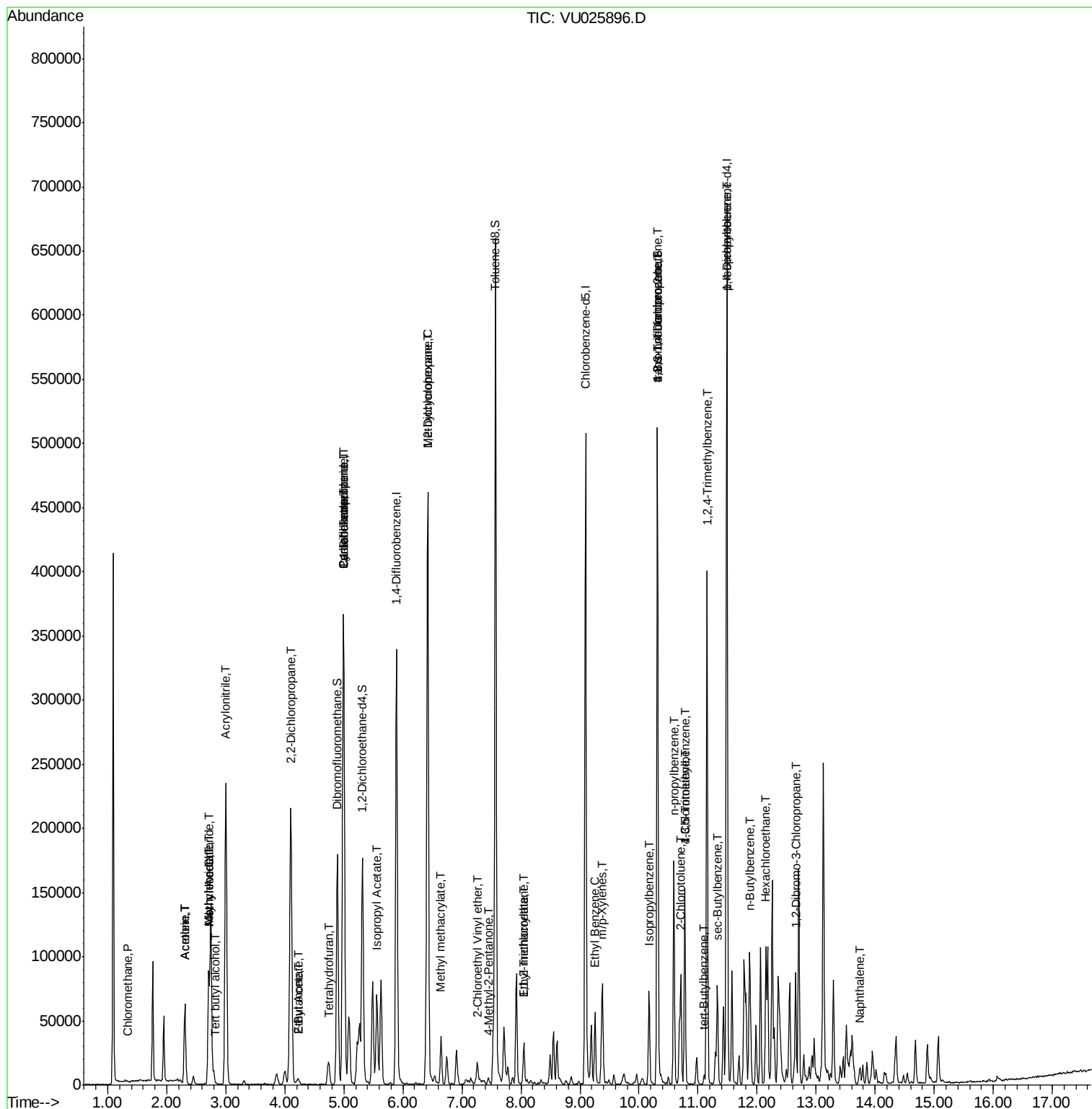
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.33	105	49978	4.014	ug/l	98
86) p-Isopropyltoluene	11.48	119	12178	1.092	ug/l	94
89) n-Butylbenzene	11.89	91	22947	2.231	ug/l #	36
90) Hexachloroethane	12.15	117	5377	2.713	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.66	75	355	0.358	ug/l #	1
95) Naphthalene	13.75	128	8491	1.880	ug/l #	93

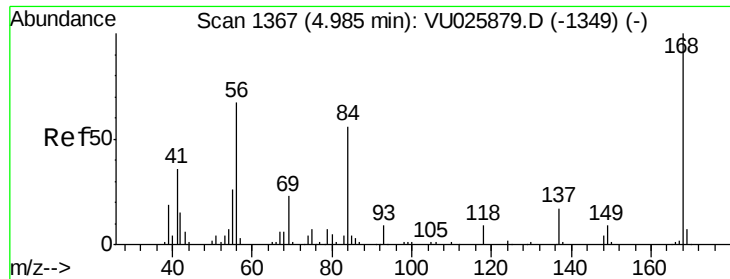
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU025896.D
Acq On : 06 Aug 2018 19:15
Operator : MD/SY
Sample : J4263-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0521

Quant Time: Aug 07 00:59:19 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025896.D

Acq: 06 Aug 2018 19:15

Instrument :

MSVOA_U

ClientSampleId :

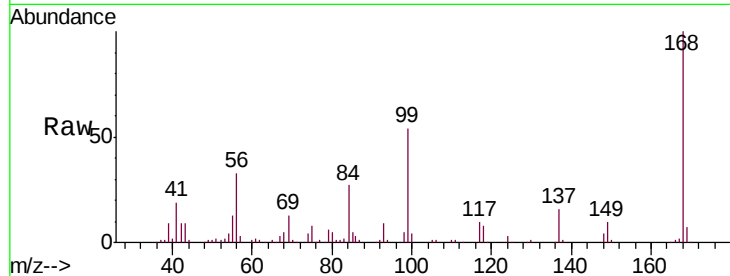
FL-0521

Tgt Ion:168 Resp: 178856

Ion Ratio Lower Upper

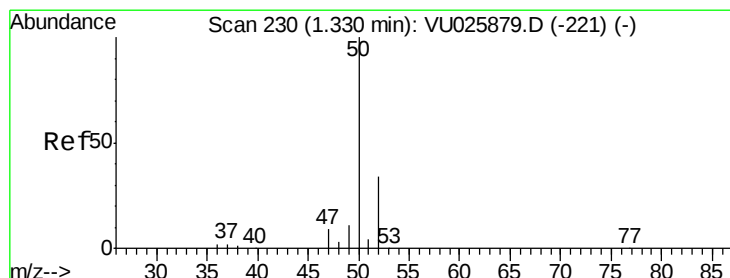
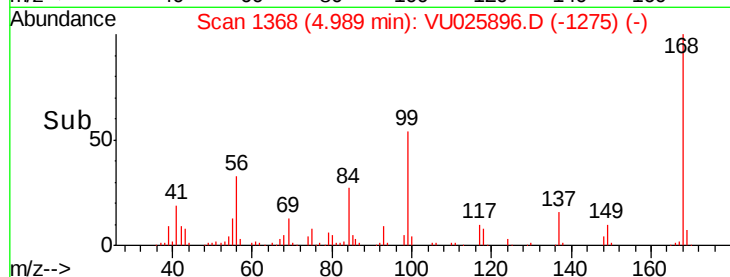
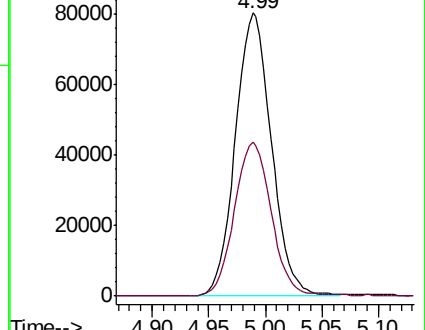
168 100

99 54.2 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) (-)



#3

Chloromethane

Concen: 0.260 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025896.D

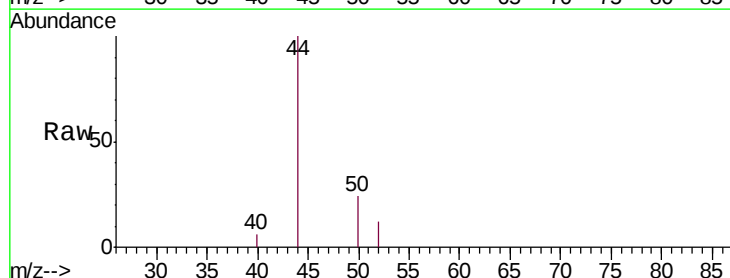
Acq: 06 Aug 2018 19:15

Tgt Ion: 50 Resp: 673

Ion Ratio Lower Upper

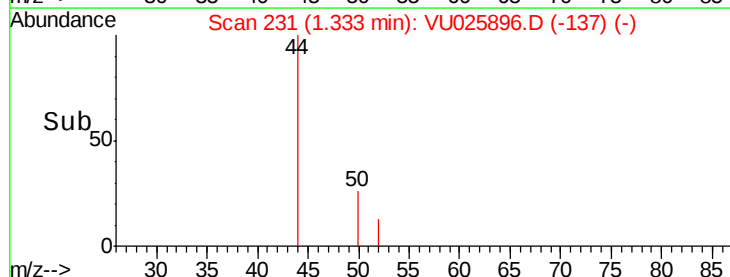
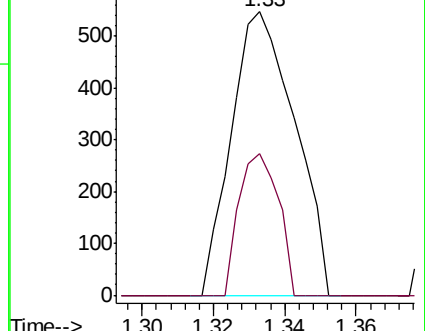
50 100

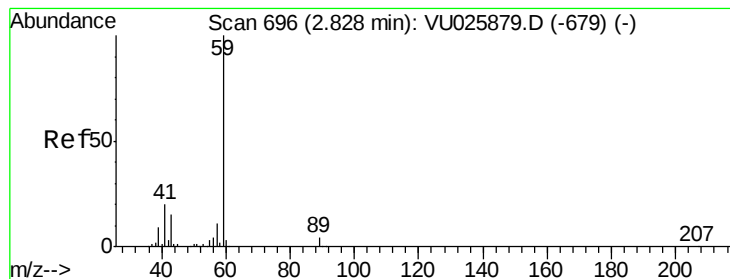
52 49.7 26.5 39.7#



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

Ion 51.90 (51.60 to 52.60): VU025879.D (-221) (-)





#11

Tert butyl alcohol

Concen: 0.290 ug/l

RT: 2.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VU025896.D

Acq: 06 Aug 2018 19:15

Instrument :

MSVOA_U

ClientSampleId :

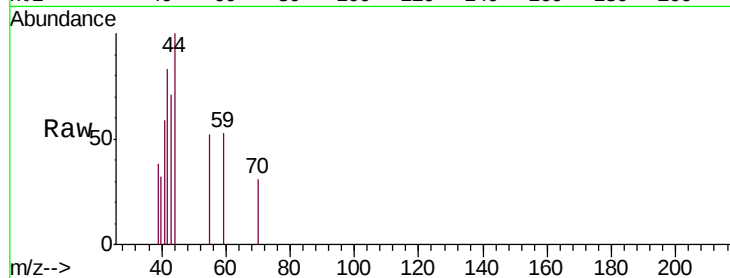
FL-0521

Tgt Ion: 59 Resp: 177

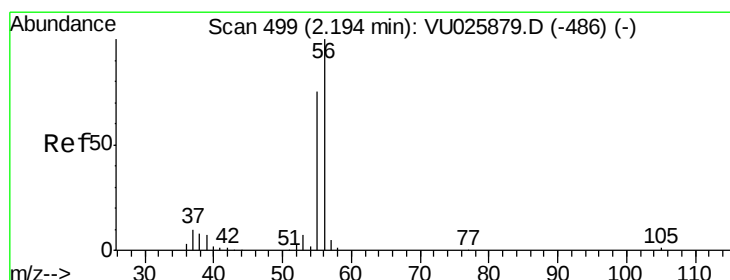
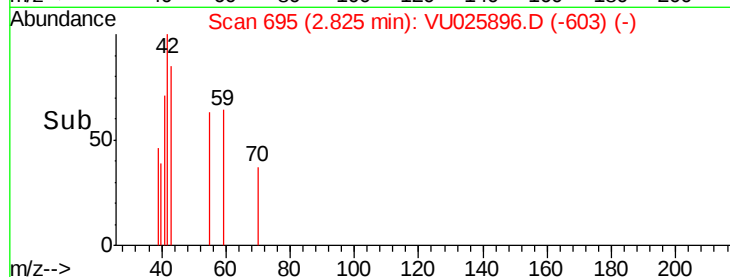
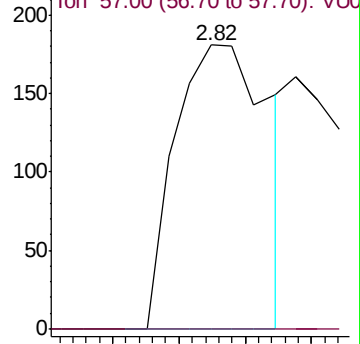
Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



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



#13

Acrolein

Concen: 33.066 ug/l

RT: 2.31 min Scan# 534

Delta R.T. 0.11 min

Lab File: VU025896.D

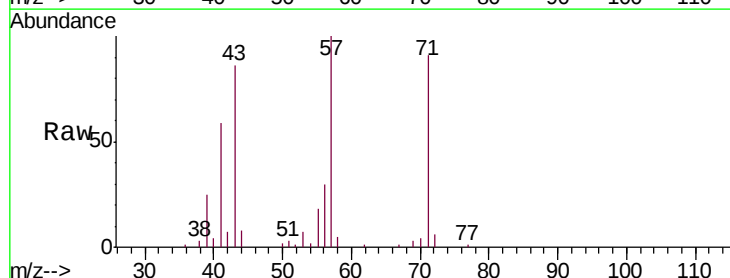
Acq: 06 Aug 2018 19:15

Tgt Ion: 56 Resp: 7696

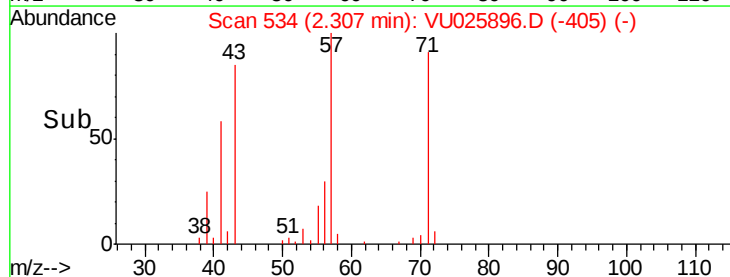
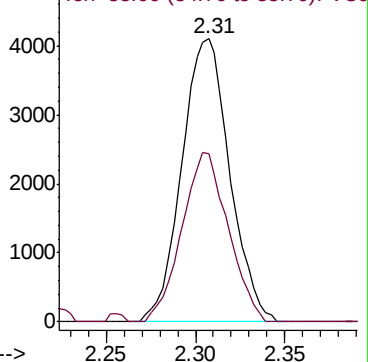
Ion Ratio Lower Upper

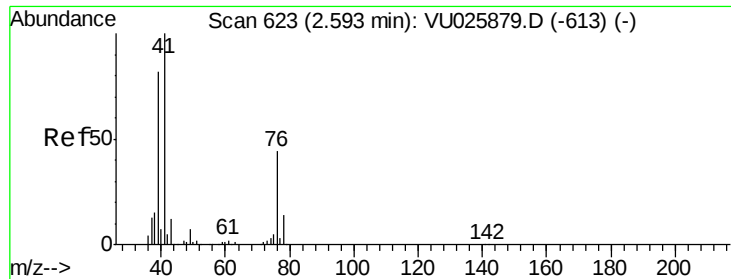
56 100

55 58.0 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VU025879.D (-486) (-)

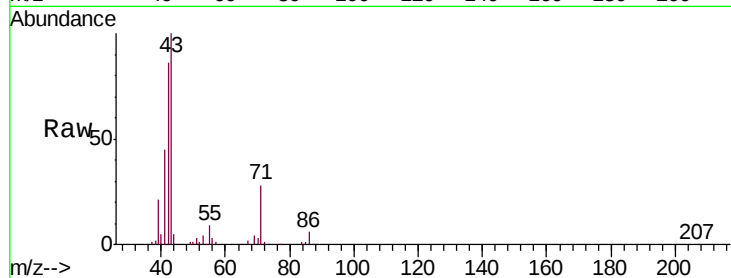




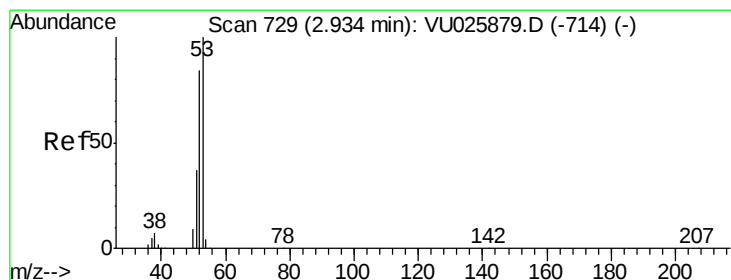
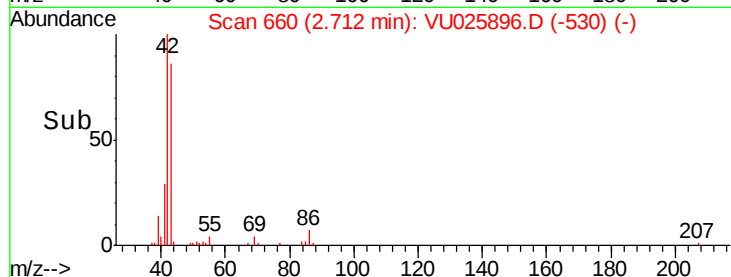
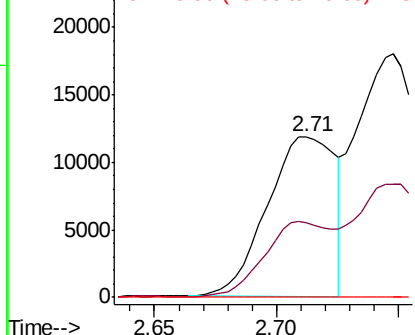
#14
 Allyl chloride
 Concen: 6.581 ug/l
 RT: 2.71 min Scan# 660
 Delta R.T. 0.12 min
 Lab File: VU025896.D
 Acq: 06 Aug 2018 19:15

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0521

Tgt Ion: 41 Resp: 22710
 Ion Ratio Lower Upper
 41 100
 39 44.6 60.6 91.0#
 76 0.0 30.5 45.7#

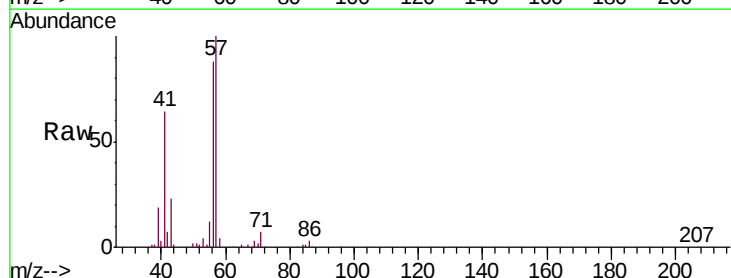


Abundance Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0
 Ion 75.90 (75.60 to 76.60): VU0

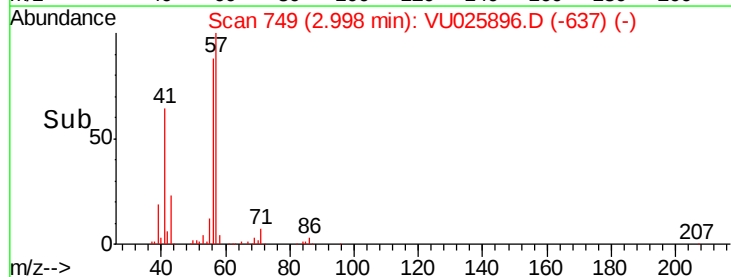
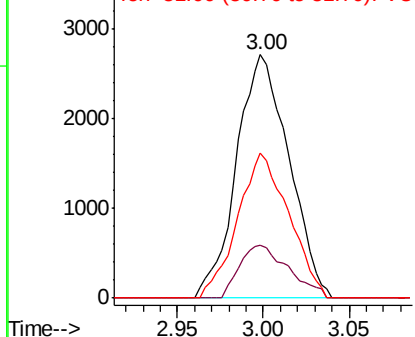


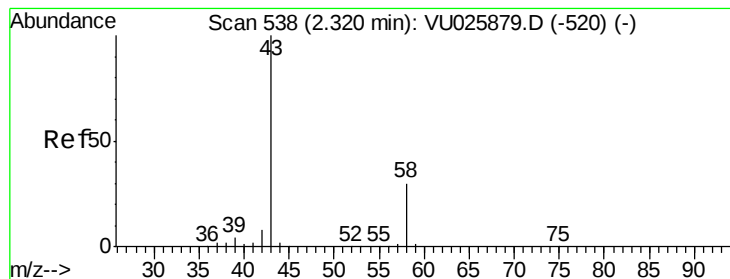
#15
 Acrylonitrile
 Concen: 4.723 ug/l
 RT: 3.00 min Scan# 749
 Delta R.T. 0.06 min
 Lab File: VU025896.D
 Acq: 06 Aug 2018 19:15

Tgt Ion: 53 Resp: 5753
 Ion Ratio Lower Upper
 53 100
 52 20.4 66.6 99.8#
 51 58.1 29.4 44.2#



Abundance Ion 53.00 (52.70 to 53.70): VU0
 Ion 52.00 (51.70 to 52.70): VU0
 Ion 51.00 (50.70 to 51.70): VU0





#16

Acetone

Concen: 18.358 ug/l

RT: 2.30 min Scan# 533

Delta R.T. -0.02 min

Lab File: VU025896.D

Acq: 06 Aug 2018 19:15

Instrument :

MSVOA_U

ClientSampleId :

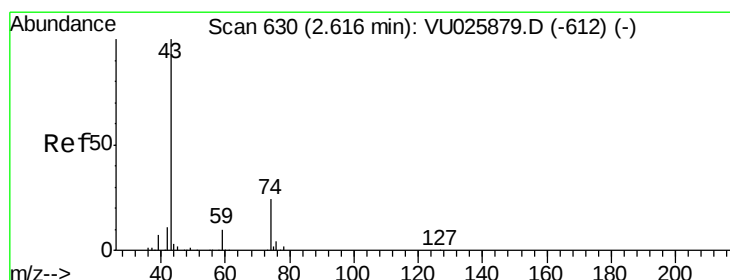
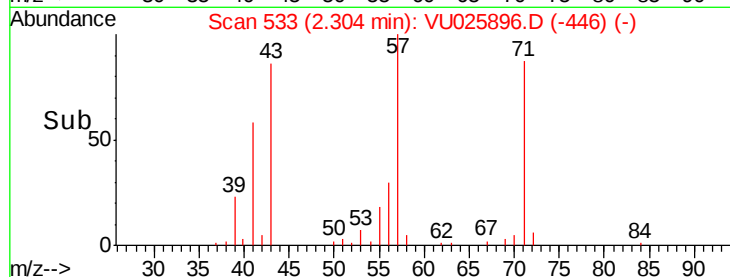
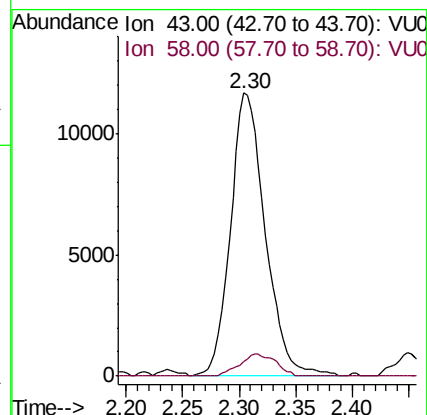
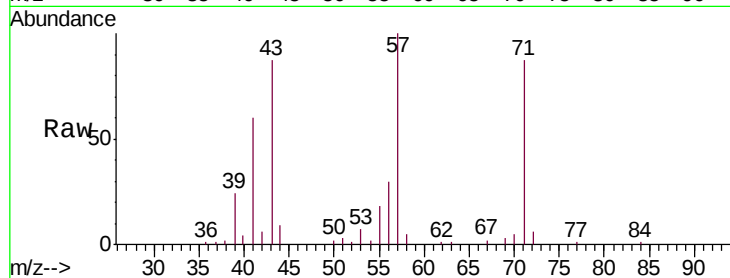
FL-0521

Tgt Ion: 43 Resp: 24943

Ion Ratio Lower Upper

43 100

58 5.2 23.1 34.7#



#18

Methyl Acetate

Concen: 15.927 ug/l

RT: 2.71 min Scan# 659

Delta R.T. 0.09 min

Lab File: VU025896.D

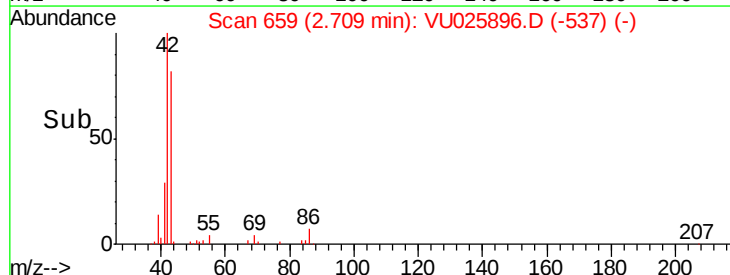
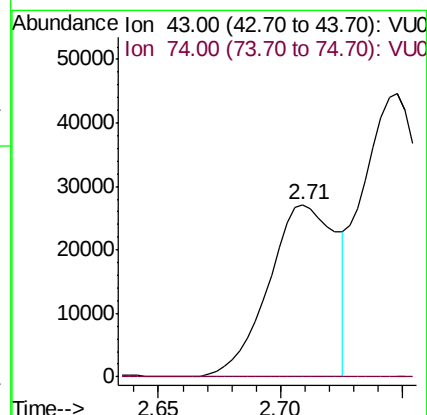
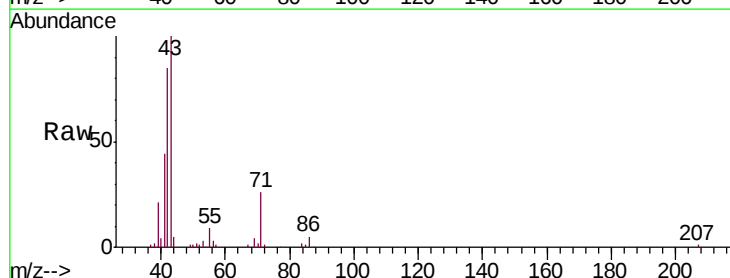
Acq: 06 Aug 2018 19:15

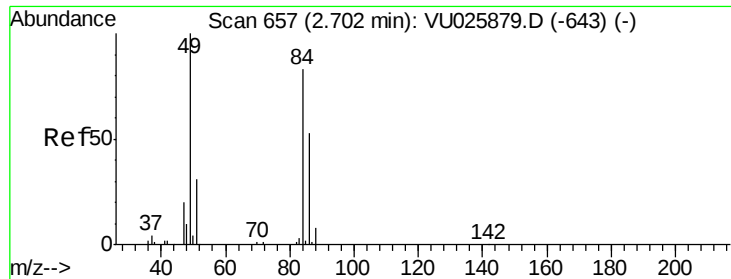
Tgt Ion: 43 Resp: 52085

Ion Ratio Lower Upper

43 100

74 0.0 18.5 27.7#





#20

Methylene Chloride

Concen: 0.397 ug/l

RT: 2.71 min Scan# 659

Delta R.T. 0.01 min

Lab File: VU025896.D

Acq: 06 Aug 2018 19:15

Instrument :

MSVOA_U

ClientSampled :

FL-0521

Tgt Ion: 84 Resp: 957

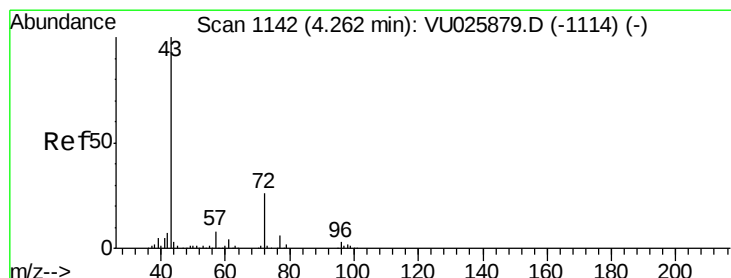
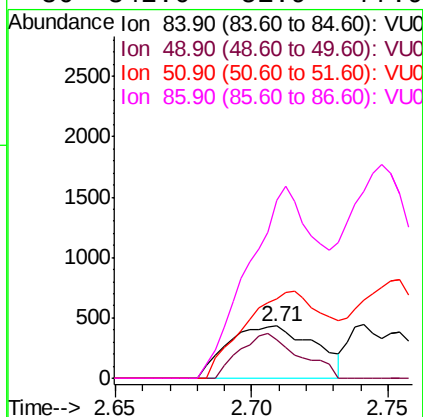
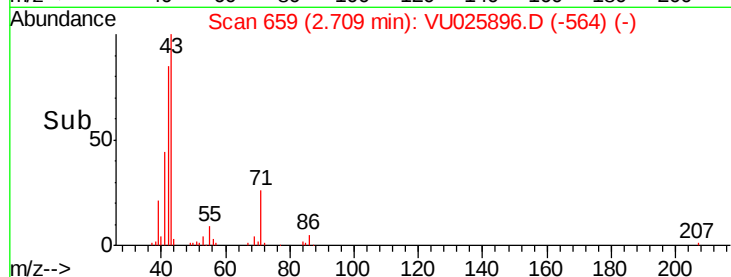
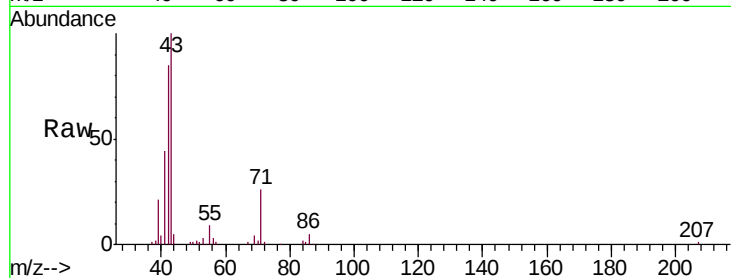
Ion Ratio Lower Upper

84 100

49 74.9 101.8 152.6#

51 152.4 30.8 46.2#

86 342.0 51.9 77.9#



#25

2-Butanone

Concen: 0.571 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.03 min

Lab File: VU025896.D

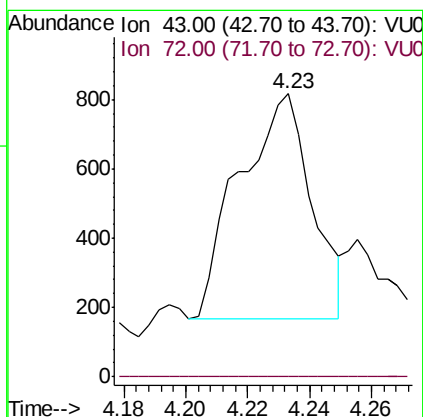
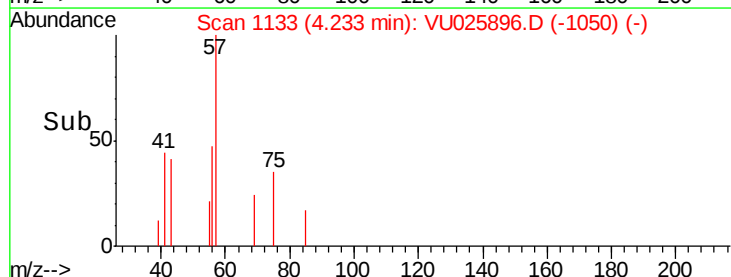
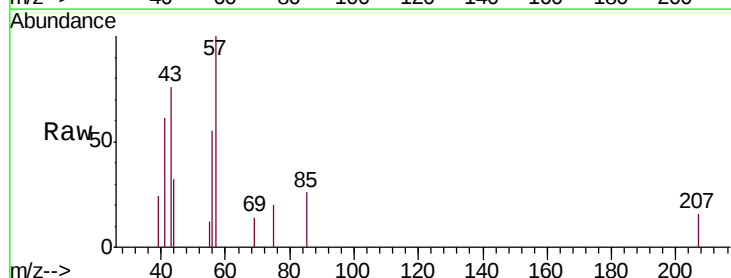
Acq: 06 Aug 2018 19:15

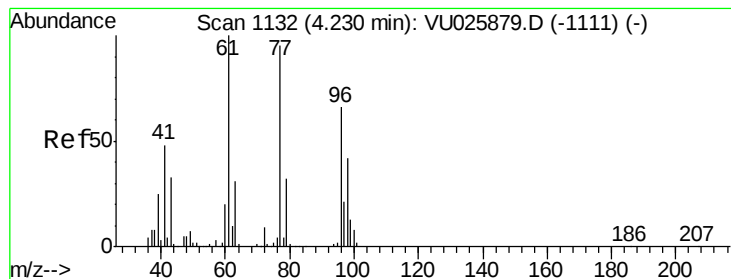
Tgt Ion: 43 Resp: 1057

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#





#26

2,2-Dichloropropane

Concen: 0.533 ug/l

RT: 4.10 min Scan# 1091

Delta R.T. -0.13 min

Lab File: VU025896.D

Acq: 06 Aug 2018 19:15

Instrument :

MSVOA_U

ClientSampleId :

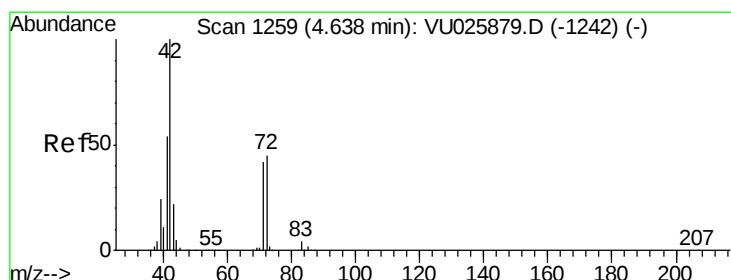
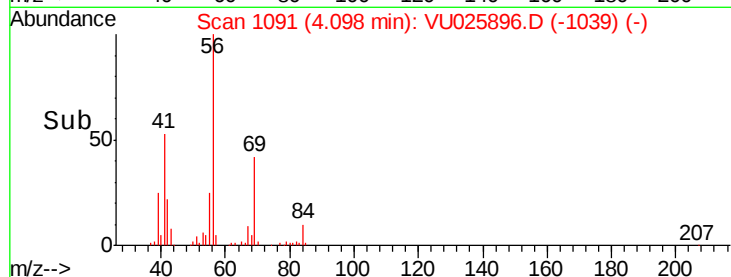
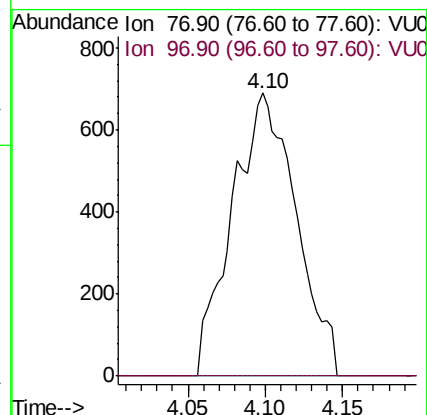
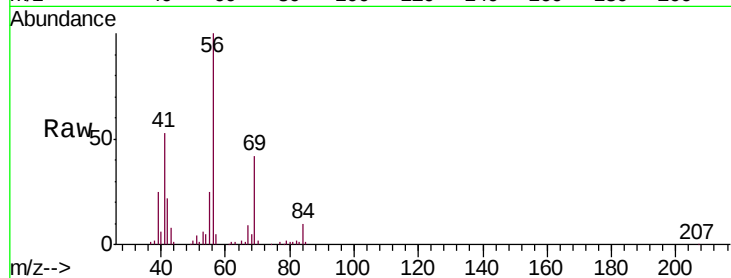
FL-0521

Tgt Ion: 77 Resp: 1978

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.5#



#29

Tetrahydrofuran

Concen: 0.461 ug/l

RT: 4.74 min Scan# 1292

Delta R.T. 0.11 min

Lab File: VU025896.D

Acq: 06 Aug 2018 19:15

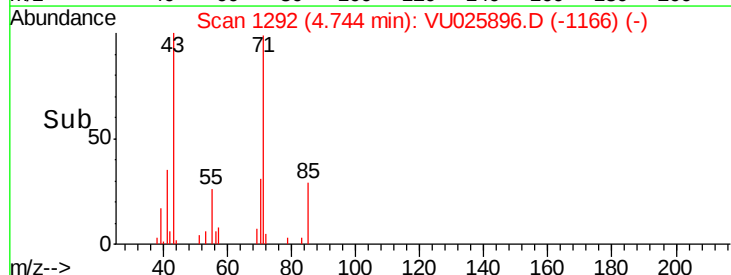
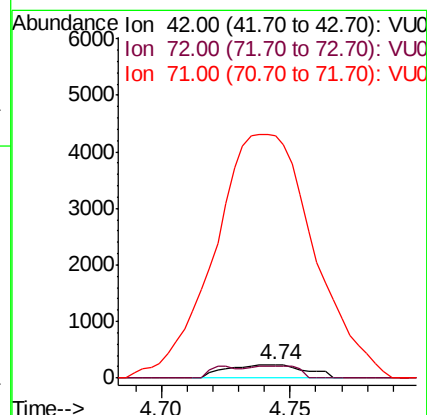
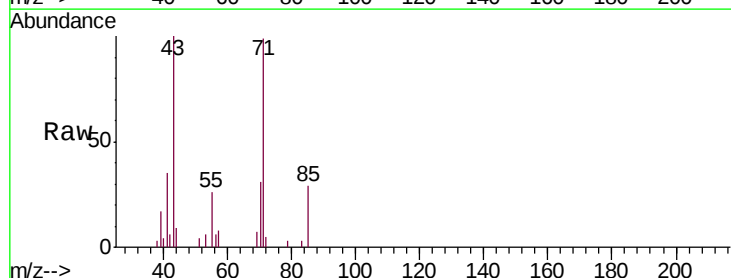
Tgt Ion: 42 Resp: 511

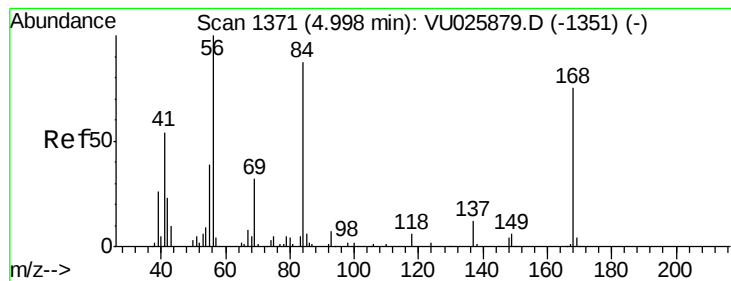
Ion Ratio Lower Upper

42 100

72 54.0 36.7 55.1

71 2260.1 33.9 50.9#





#31

Cyclohexane

Concen: 23.430 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025896.D

Acq: 06 Aug 2018 19:15

Instrument :

MSVOA_U

ClientSampled :

FL-0521

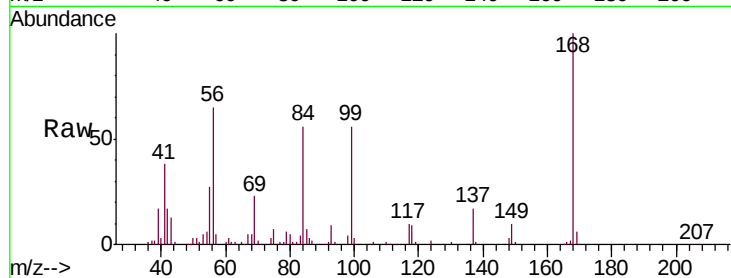
Tgt Ion: 56 Resp: 85755

Ion Ratio Lower Upper

56 100

69 35.3 26.8 40.2

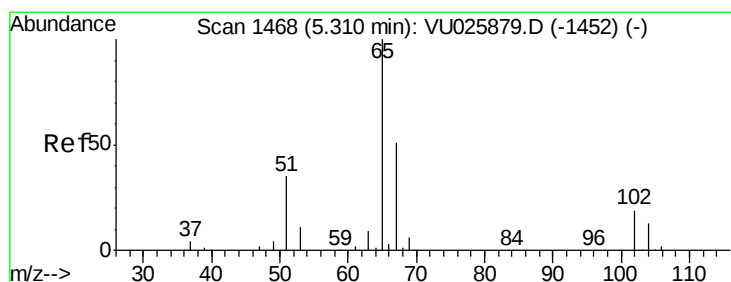
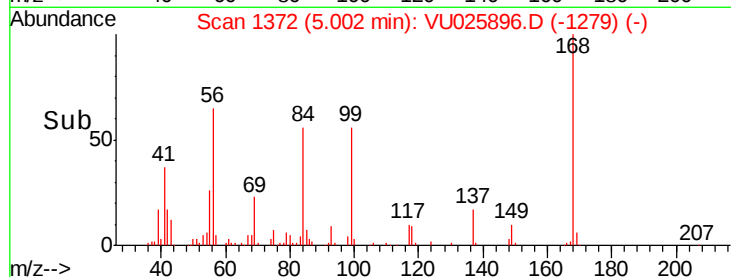
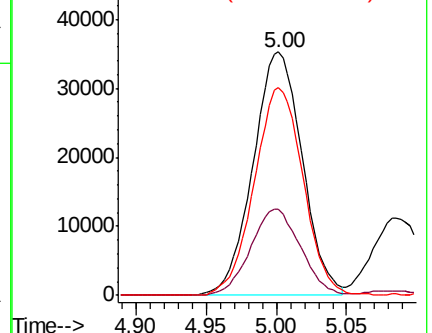
84 85.5 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 52.107 ug/l

RT: 5.32 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VU025896.D

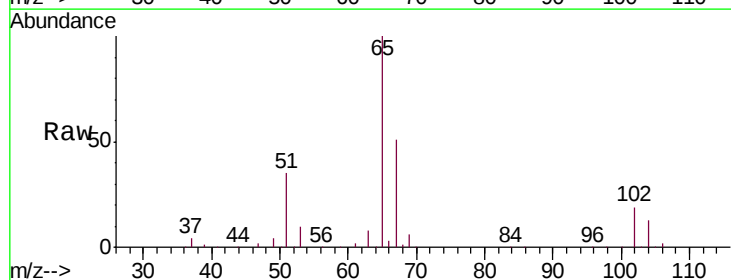
Acq: 06 Aug 2018 19:15

Tgt Ion: 65 Resp: 145211

Ion Ratio Lower Upper

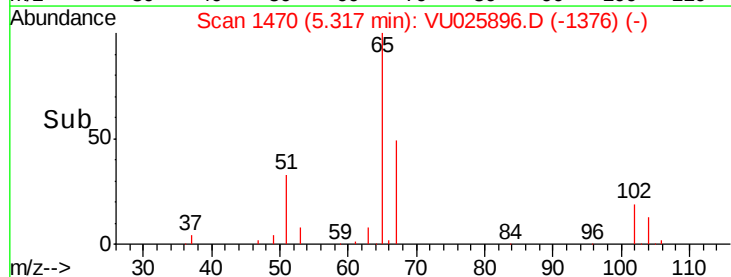
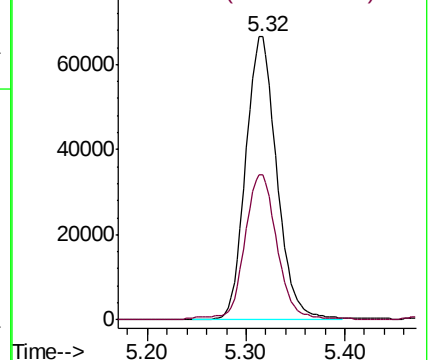
65 100

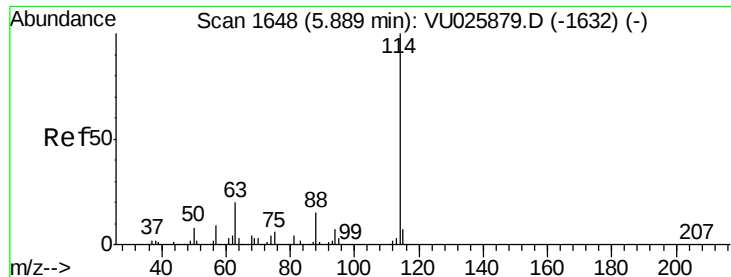
67 51.1 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

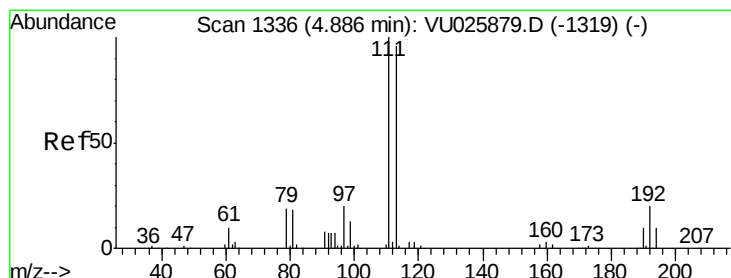
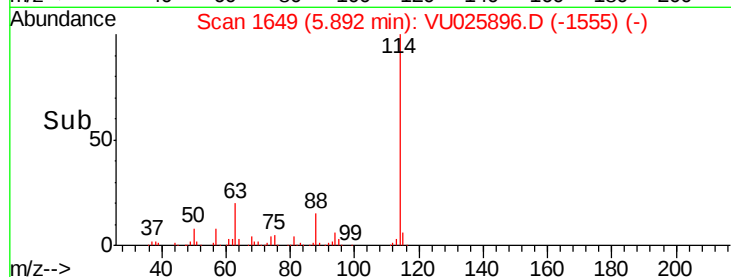
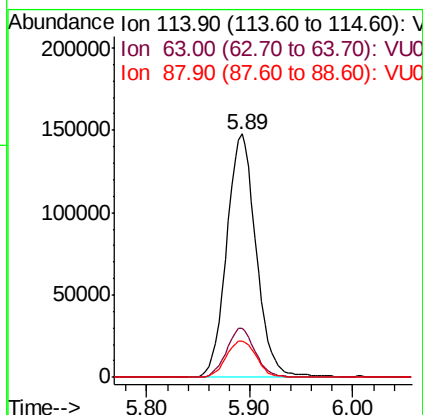
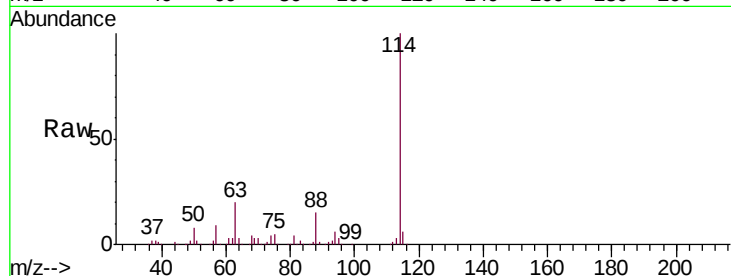




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025896.D
 Acq: 06 Aug 2018 19:15

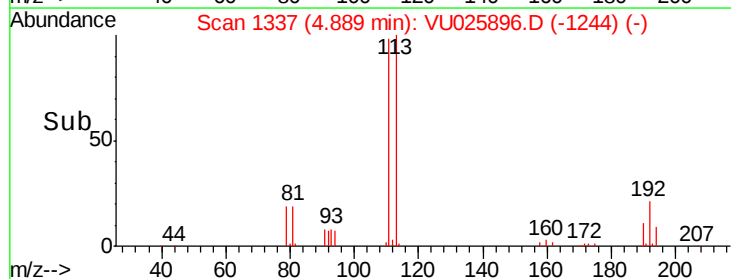
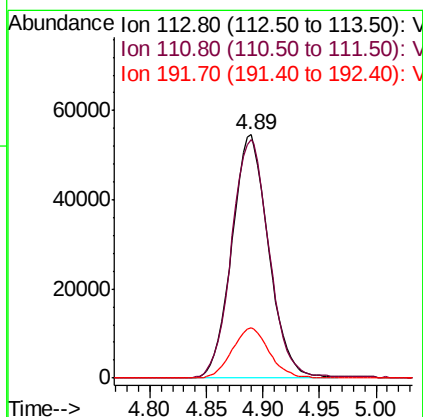
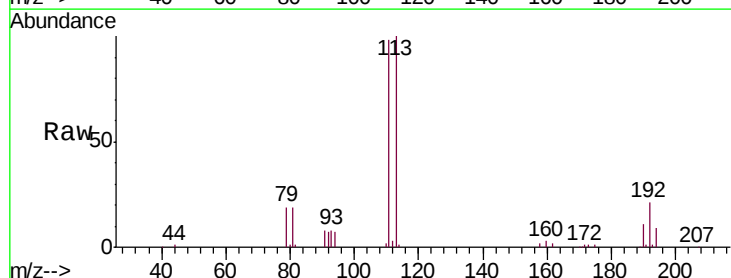
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0521

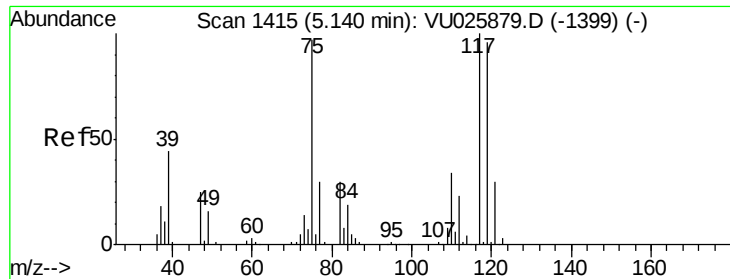
Tgt Ion:	114	Resp:	293920
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.6
88	14.9	0.0	32.4



#35
 Dibromofluoromethane
 Concen: 48.291 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025896.D
 Acq: 06 Aug 2018 19:15

Tgt Ion:	113	Resp:	123451
Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.7	122.5
192	20.7	17.1	25.7

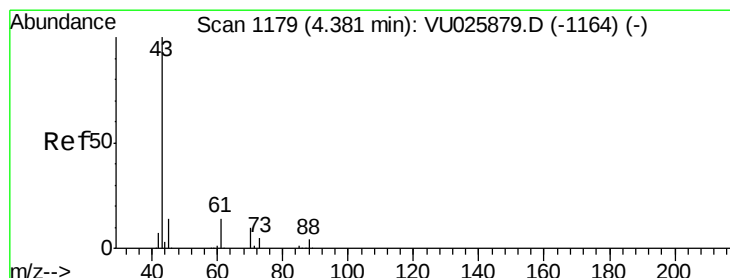
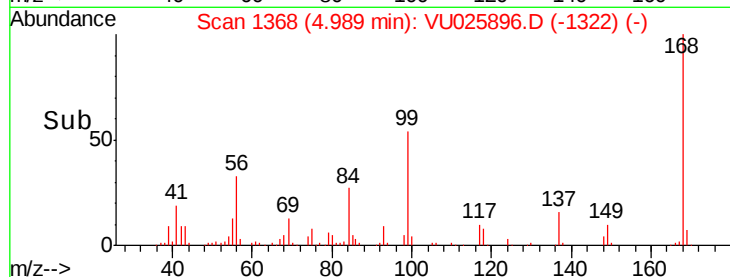
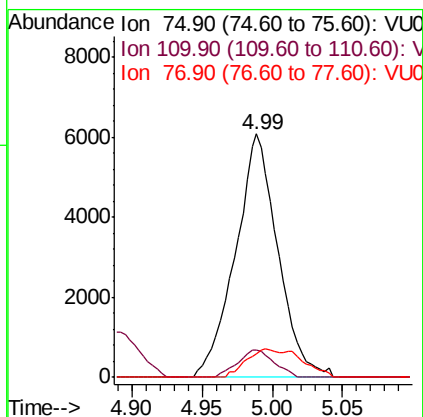
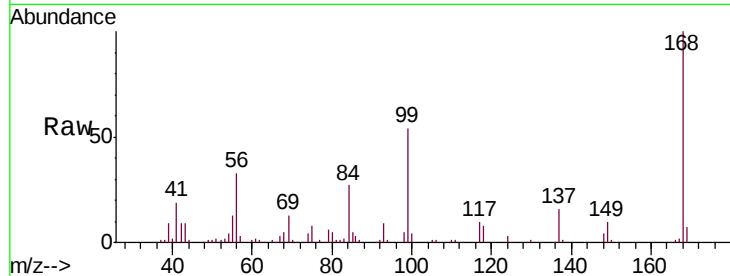




#36
 1,1-Dichloropropene
 Concen: 3.717 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025896.D
 Acq: 06 Aug 2018 19:15

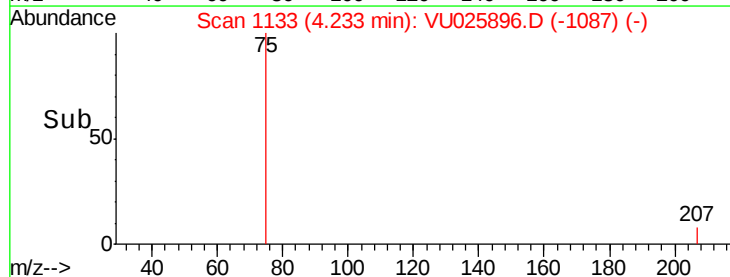
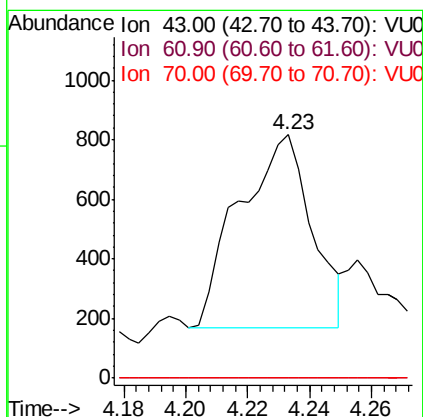
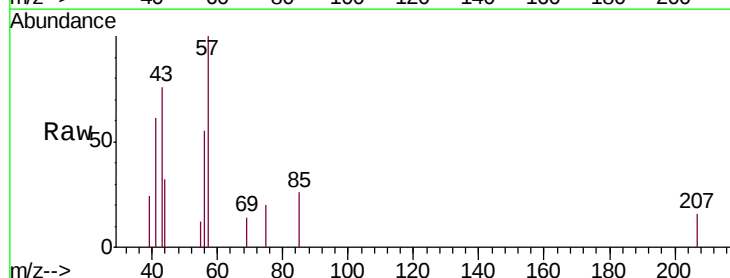
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0521

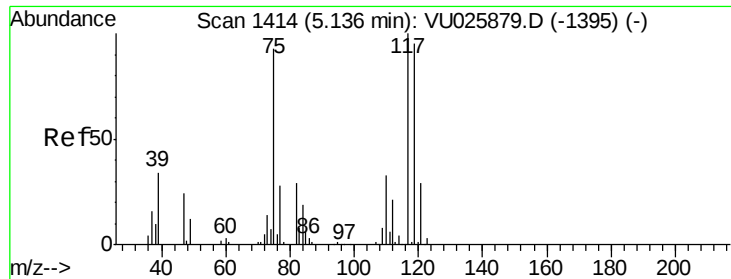
Tgt Ion: 75 Resp: 12769
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.6 52.9#
 77 8.8 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 0.297 ug/l
 RT: 4.23 min Scan# 1133
 Delta R.T. -0.15 min
 Lab File: VU025896.D
 Acq: 06 Aug 2018 19:15

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#





#38

Carbon Tetrachloride

Concen: 4.526 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU025896.D

Acq: 06 Aug 2018 19:15

Instrument :

MSVOA_U

ClientSampleId :

FL-0521

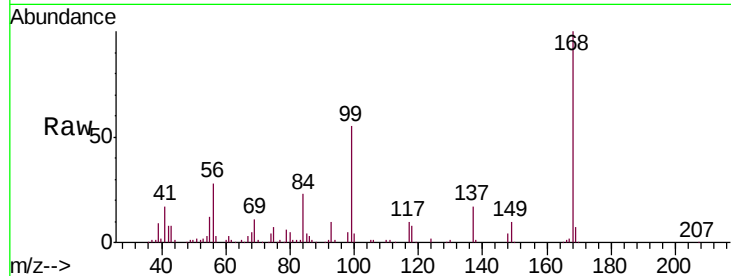
Tgt Ion:117 Resp: 17608

Ion Ratio Lower Upper

117 100

119 4.2 75.7 113.5#

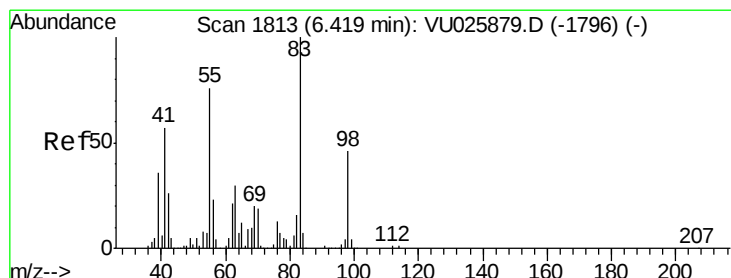
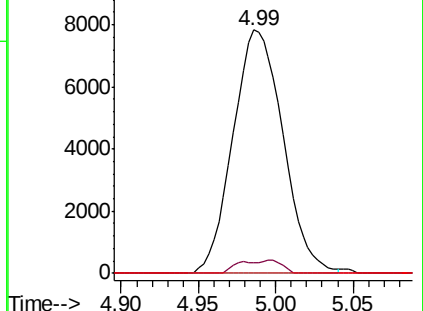
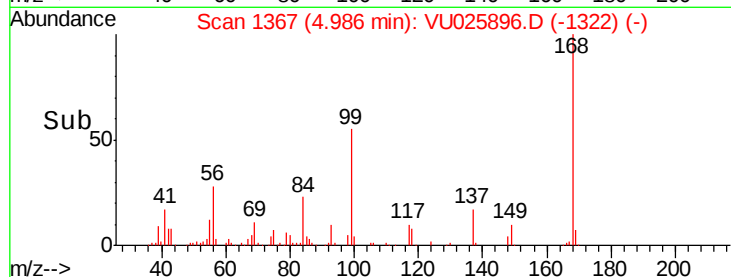
121 0.0 24.6 36.8#



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: 49.202 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU025896.D

Acq: 06 Aug 2018 19:15

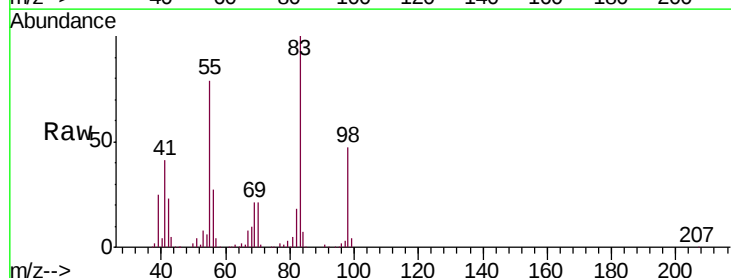
Tgt Ion: 83 Resp: 193645

Ion Ratio Lower Upper

83 100

55 78.7 60.0 90.0

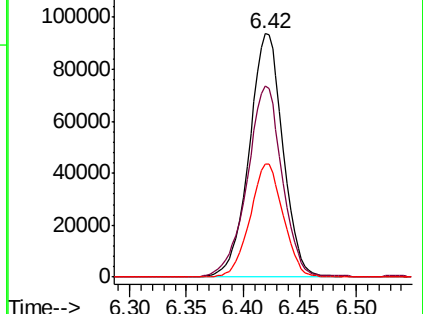
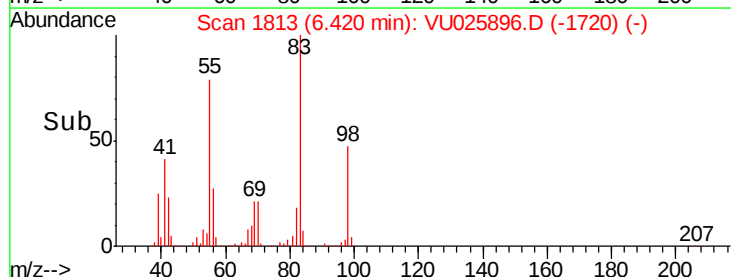
98 46.7 36.1 54.1

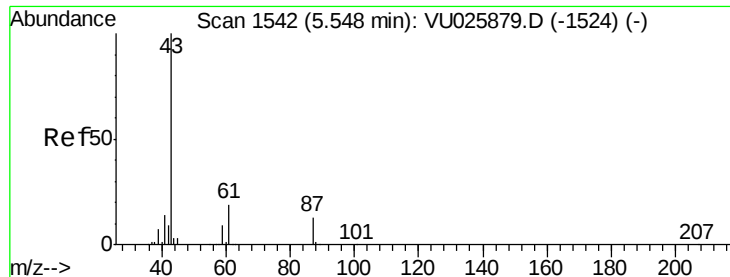


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#43

Isopropyl Acetate

Concen: 0.343 ug/l

RT: 5.56 min Scan# 1546

Delta R.T. 0.01 min

Lab File: VU025896.D

Acq: 06 Aug 2018 19:15

Instrument :

MSVOA_U

ClientSampleId :

FL-0521

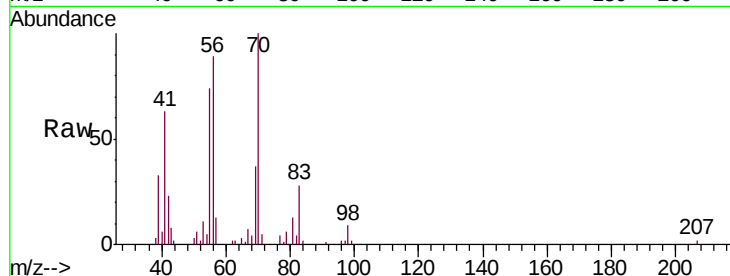
Tgt Ion: 43 Resp: 2018

Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

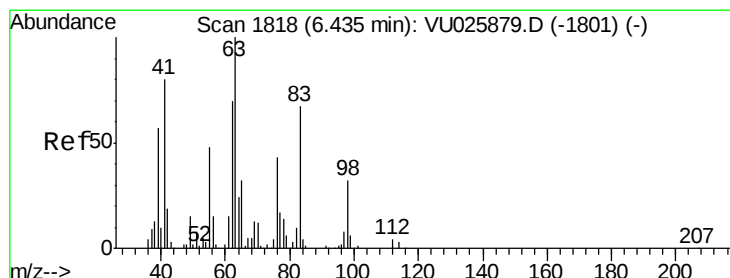
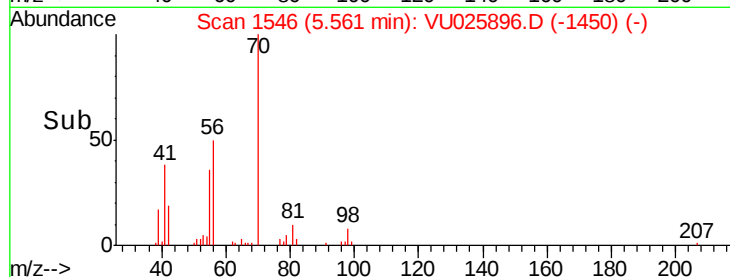
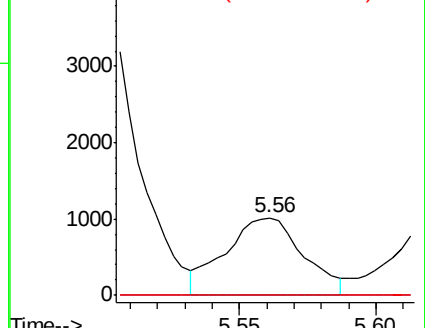
87 0.0 10.6 16.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#45

1,2-Dichloropropane

Concen: 0.780 ug/l

RT: 6.42 min Scan# 1814

Delta R.T. -0.01 min

Lab File: VU025896.D

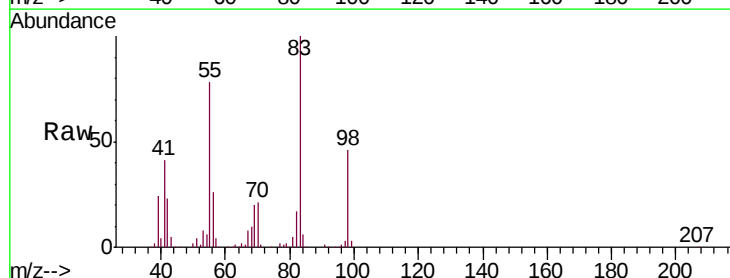
Acq: 06 Aug 2018 19:15

Tgt Ion: 63 Resp: 2043

Ion Ratio Lower Upper

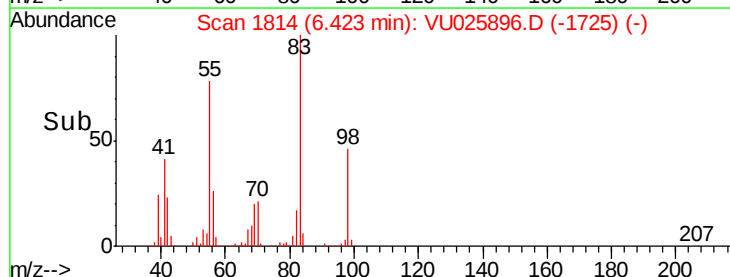
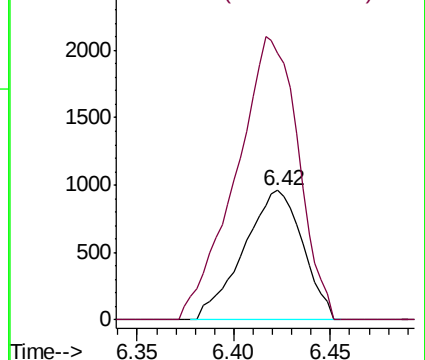
63 100

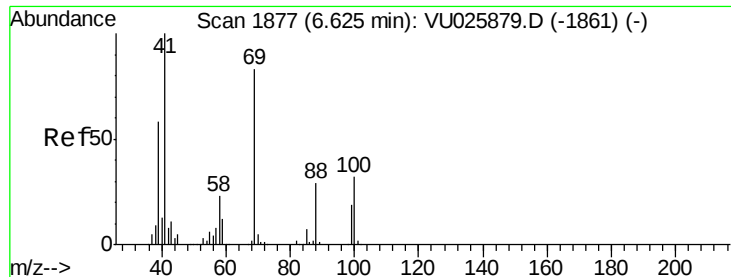
65 205.7 26.1 39.1#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0

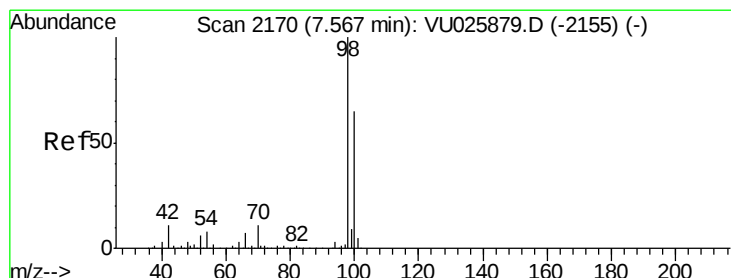
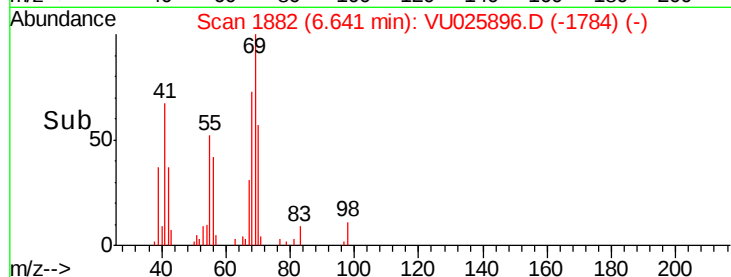
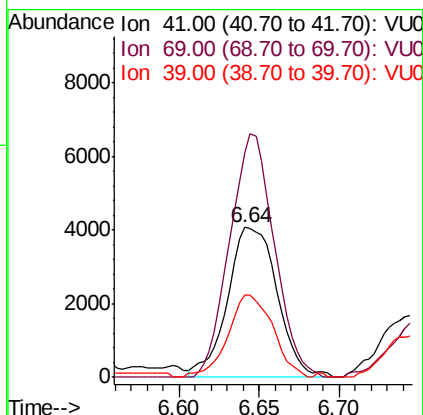
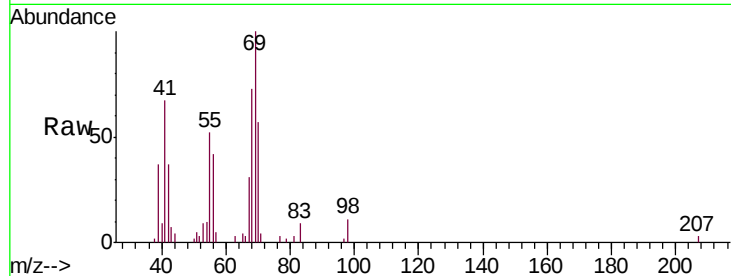




#48
Methyl methacrylate
Concen: 3.007 ug/l
RT: 6.64 min Scan# 1882
Delta R.T. 0.02 min
Lab File: VU025896.D
Acq: 06 Aug 2018 19:15

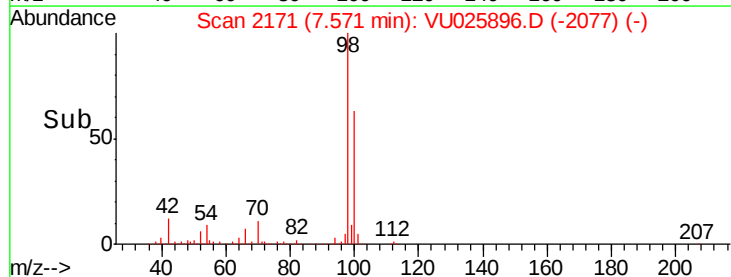
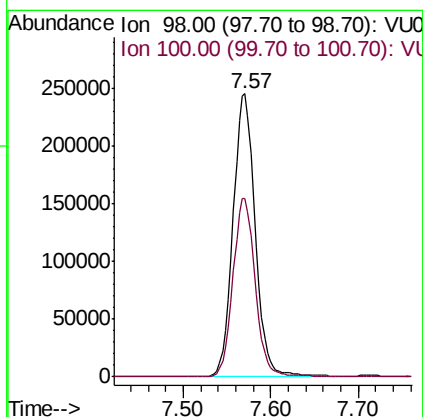
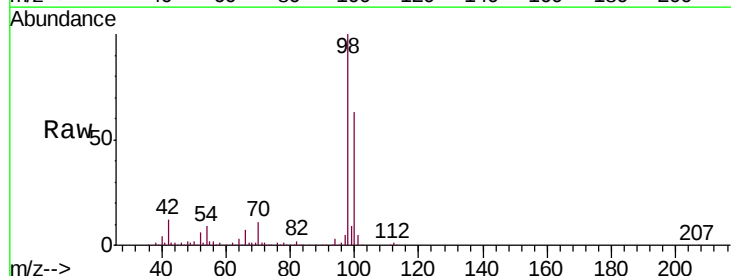
Instrument :
MSVOA_U
ClientSampleId :
FL-0521

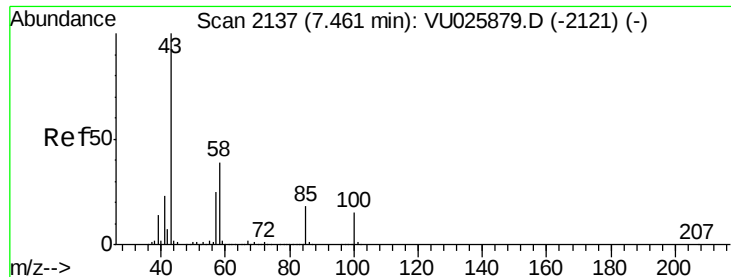
Tgt Ion: 41 Resp: 8674
Ion Ratio Lower Upper
41 100
69 144.8 65.0 97.4#
39 49.2 46.4 69.6



#50
Toluene-d8
Concen: 48.372 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025896.D
Acq: 06 Aug 2018 19:15

Tgt Ion: 98 Resp: 432722
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 0.243 ug/l

RT: 7.47 min Scan# 2139

Delta R.T. 0.00 min

Lab File: VU025896.D

Acq: 06 Aug 2018 19:15

Instrument :

MSVOA_U

ClientSampleId :

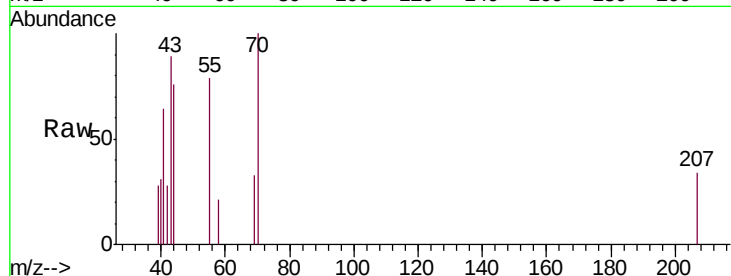
FL-0521

Tgt Ion: 43 Resp: 896

Ion Ratio Lower Upper

43 100

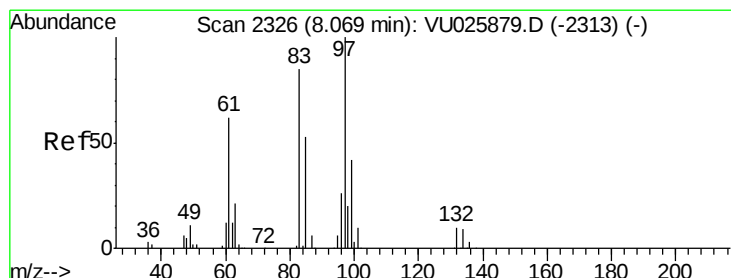
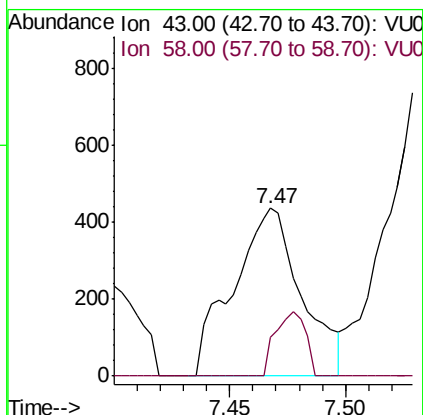
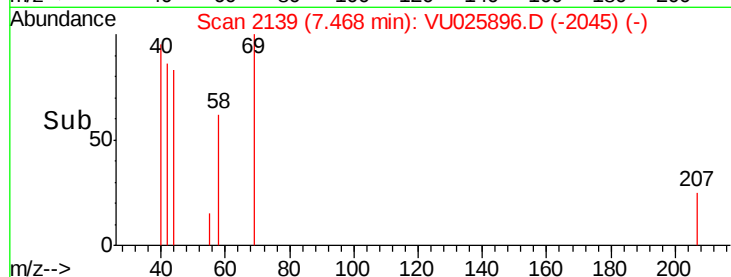
58 16.9 31.0 46.4#



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

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

Time-->



#55

1,1,2-Trichloroethane

Concen: 4.696 ug/l

RT: 8.05 min Scan# 2320

Delta R.T. -0.02 min

Lab File: VU025896.D

Acq: 06 Aug 2018 19:15

Tgt Ion: 97 Resp: 12172

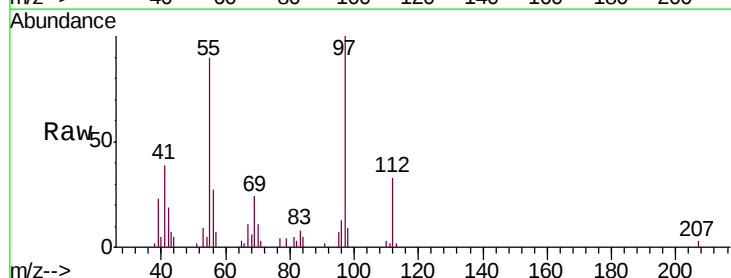
Ion Ratio Lower Upper

97 100

83 8.4 68.9 103.3#

85 0.0 44.4 66.6#

99 0.0 51.0 76.4#



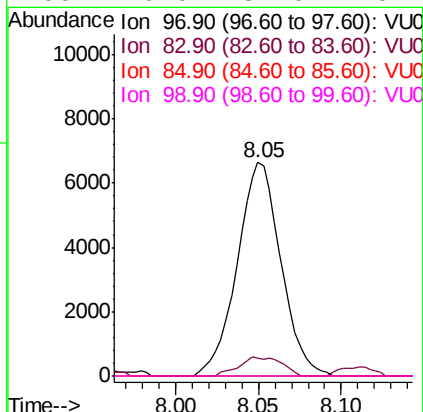
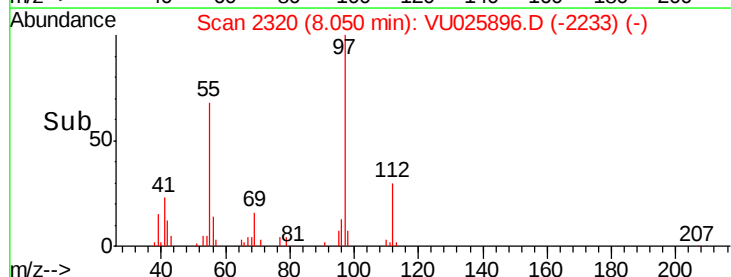
Abundance Ion 96.90 (96.60 to 97.60): VU025879.D (-2313) (-)

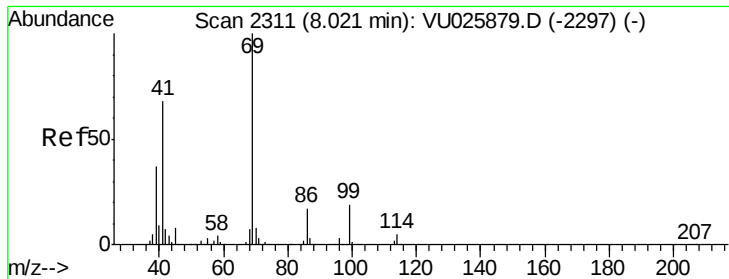
Ion 82.90 (82.60 to 83.60): VU025879.D (-2313) (-)

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

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

Time-->

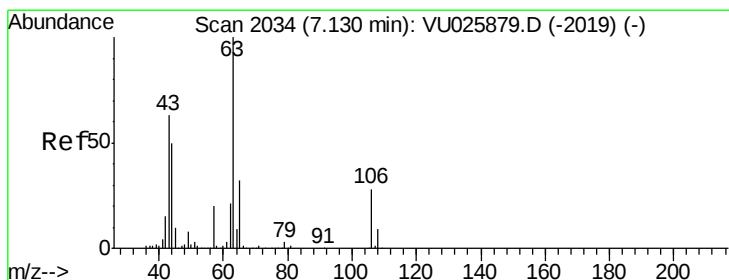
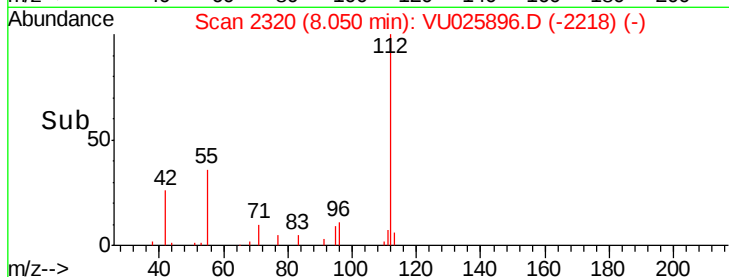
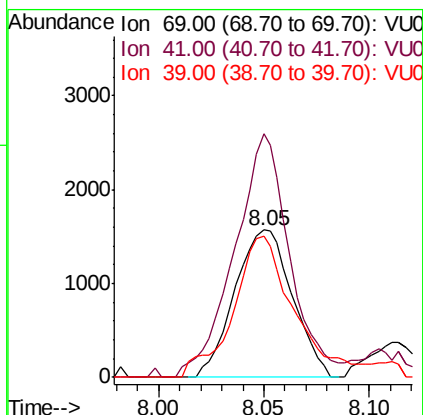
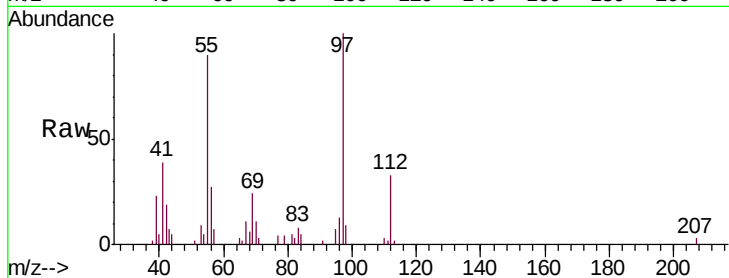




#56
Ethyl methacrylate
Concen: 0.804 ug/l
RT: 8.05 min Scan# 2320
Delta R.T. 0.03 min
Lab File: VU025896.D
Acq: 06 Aug 2018 19:15

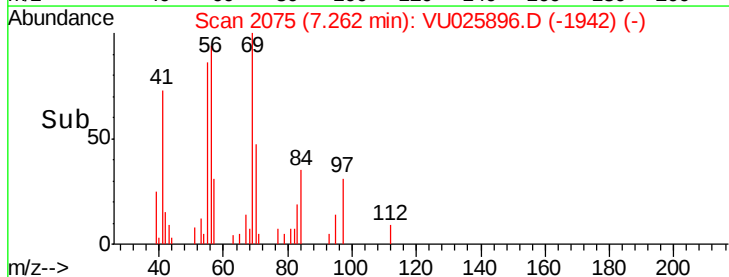
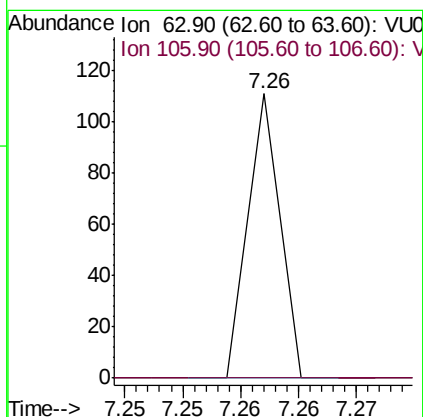
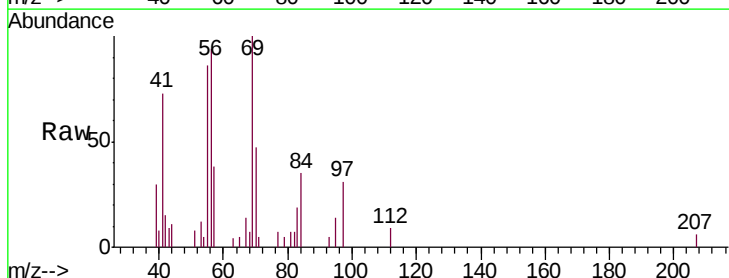
Instrument :
MSVOA_U
ClientSampleId :
FL-0521

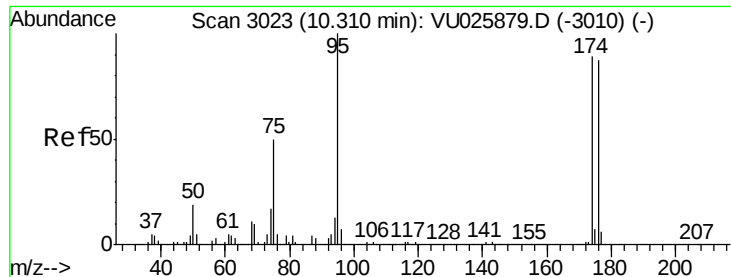
Tgt Ion: 69 Resp: 2979
Ion Ratio Lower Upper
69 100
41 157.8 54.8 82.2#
39 100.7 31.1 46.7#



#58
2-Chloroethyl Vinyl ether
Concen: 7.089 ug/l
RT: 7.26 min Scan# 2075
Delta R.T. 0.13 min
Lab File: VU025896.D
Acq: 06 Aug 2018 19:15

Tgt Ion: 63 Resp: 21
Ion Ratio Lower Upper
63 100
106 0.0 22.3 33.5#





#62

4-Bromofluorobenzene

Concen: 46.922 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025896.D

Acq: 06 Aug 2018 19:15

Instrument :

MSVOA_U

ClientSampleId :

FL-0521

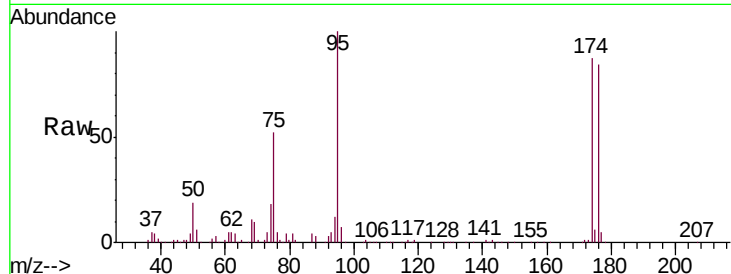
Tgt Ion: 95 Resp: 162921

Ion Ratio Lower Upper

95 100

174 87.8 0.0 172.2

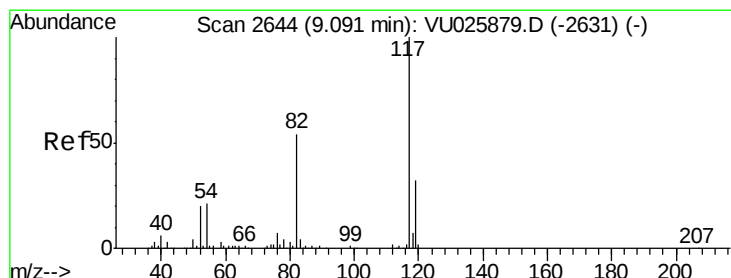
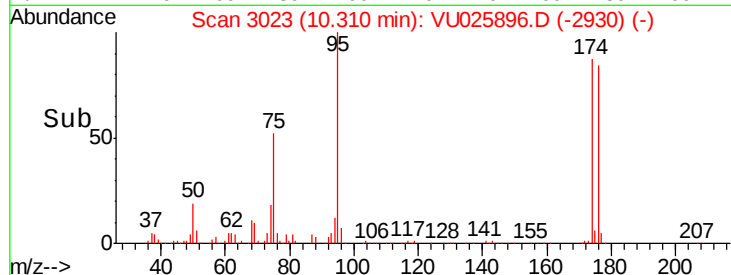
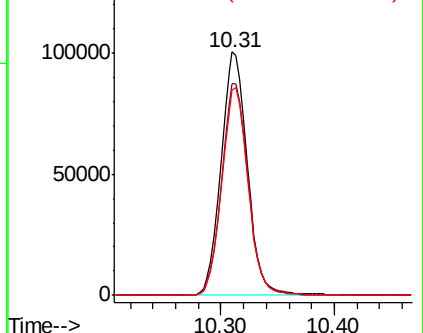
176 85.1 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025896.D

Acq: 06 Aug 2018 19:15

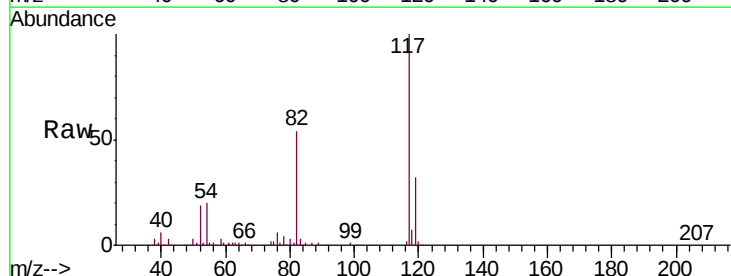
Tgt Ion: 117 Resp: 289756

Ion Ratio Lower Upper

117 100

82 54.1 46.0 69.0

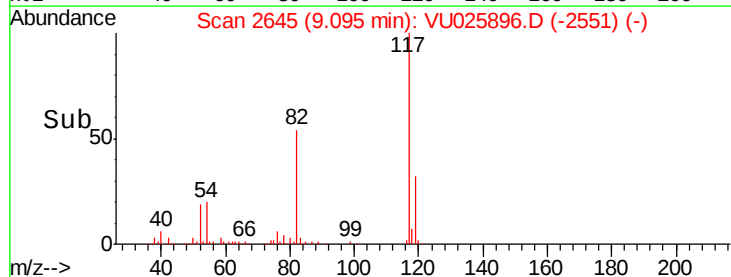
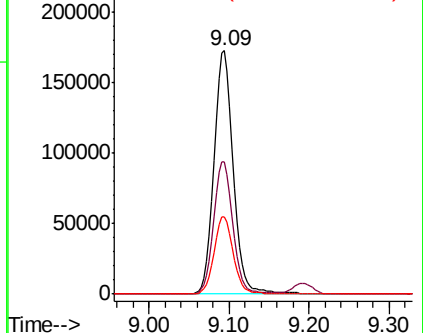
119 31.7 26.0 39.0

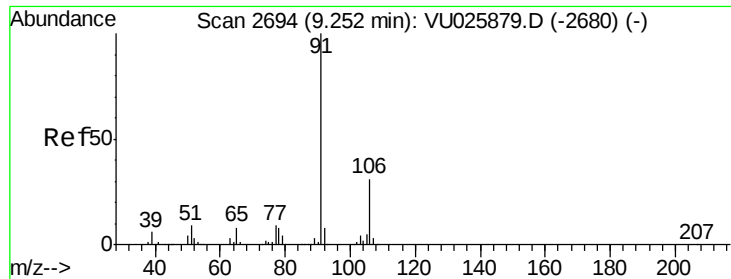


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V

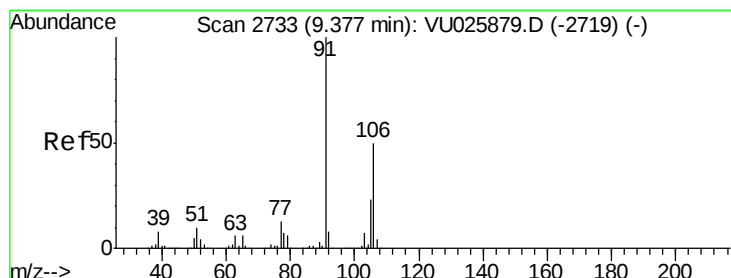
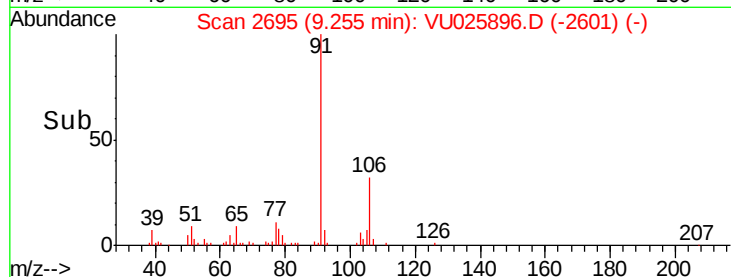
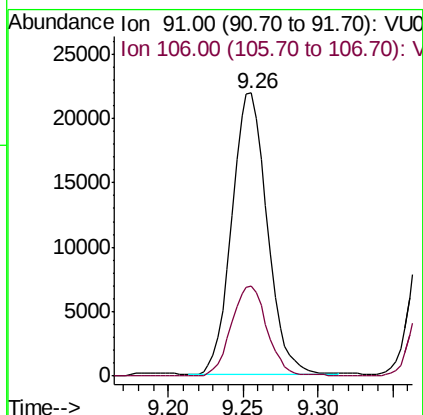
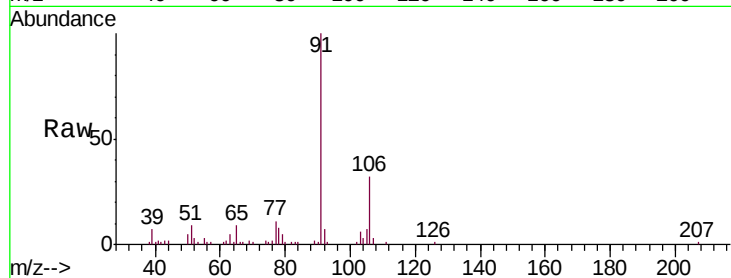




#67
Ethyl Benzene
Concen: 2.926 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025896.D
Acq: 06 Aug 2018 19:15

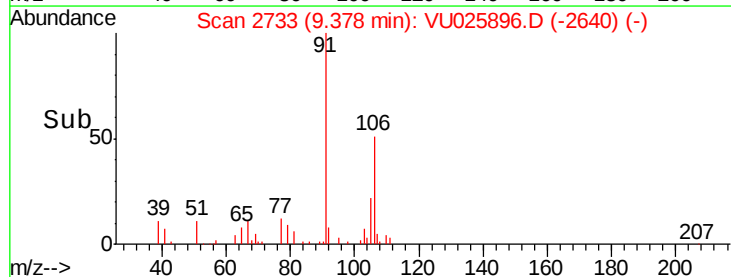
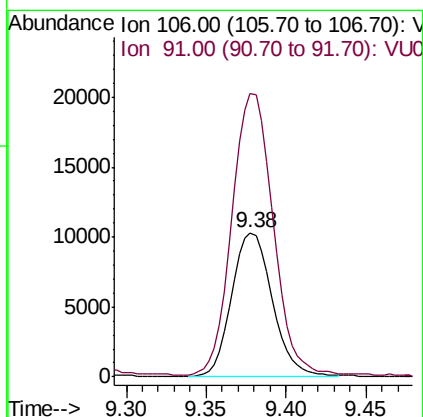
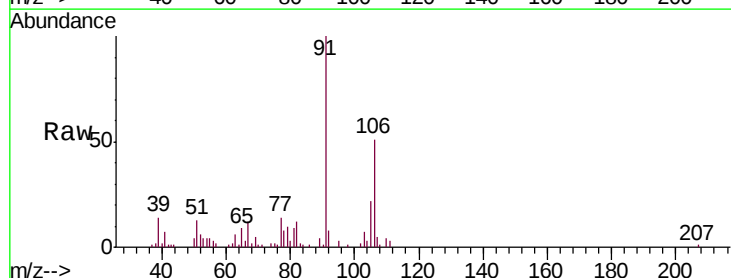
Instrument :
MSVOA_U
ClientSampleId :
FL-0521

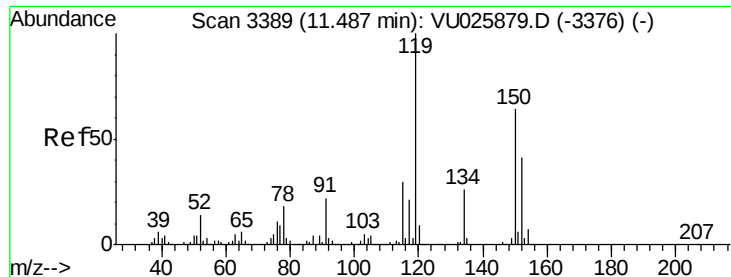
Tgt Ion: 91 Resp: 36208
Ion Ratio Lower Upper
91 100
106 31.9 25.3 37.9



#68
m/p-Xylenes
Concen: 3.771 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025896.D
Acq: 06 Aug 2018 19:15

Tgt Ion: 106 Resp: 17915
Ion Ratio Lower Upper
106 100
91 195.6 162.3 243.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025896.D

Acq: 06 Aug 2018 19:15

Instrument :

MSVOA_U

ClientSampleId :

FL-0521

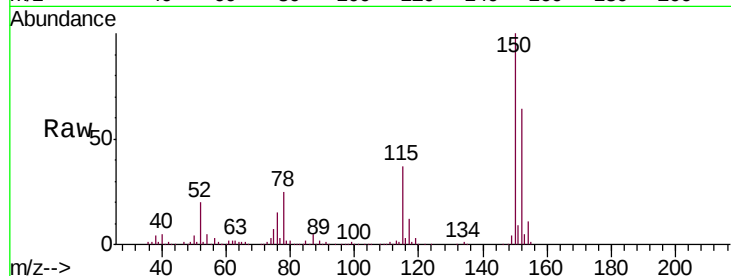
Tgt Ion:152 Resp: 177055

Ion Ratio Lower Upper

152 100

115 56.0 40.1 120.3

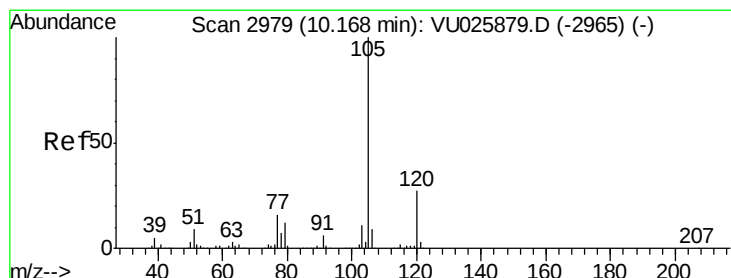
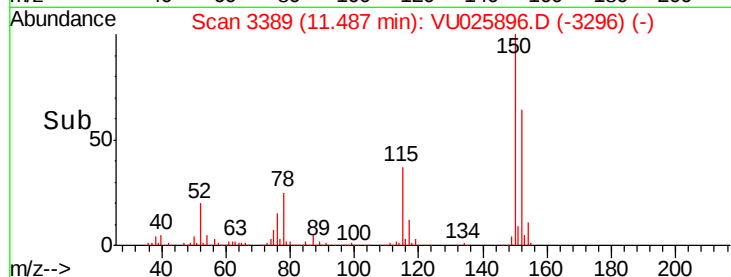
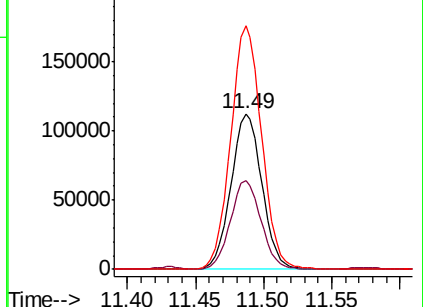
150 156.1 0.0 351.4



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: 3.814 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025896.D

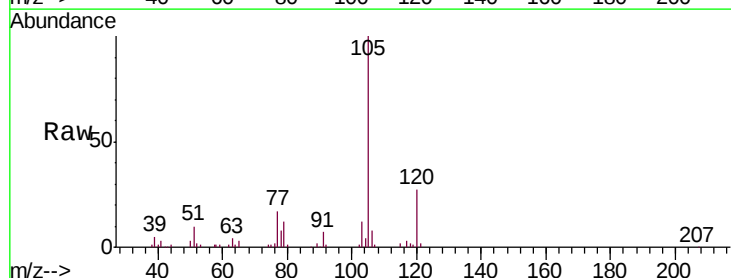
Acq: 06 Aug 2018 19:15

Tgt Ion:105 Resp: 46084

Ion Ratio Lower Upper

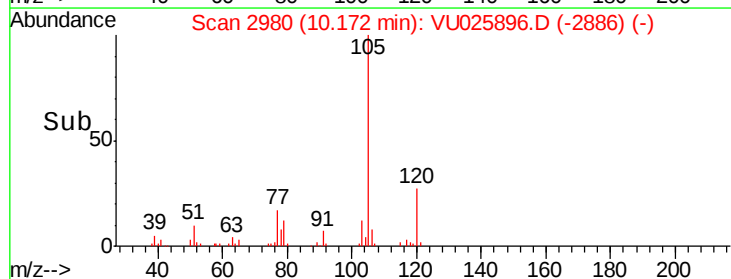
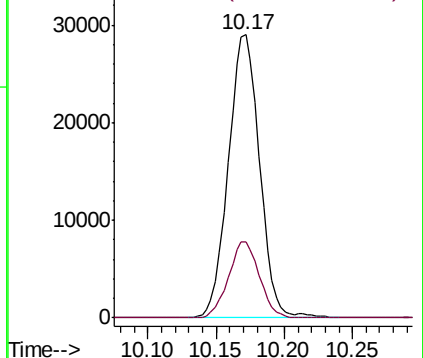
105 100

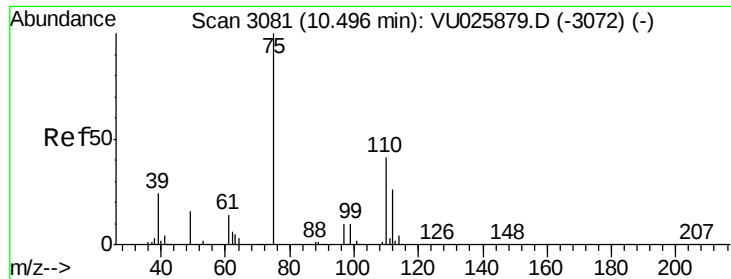
120 26.6 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 21.719 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025896.D

Acq: 06 Aug 2018 19:15

Instrument :

MSVOA_U

ClientSampleId :

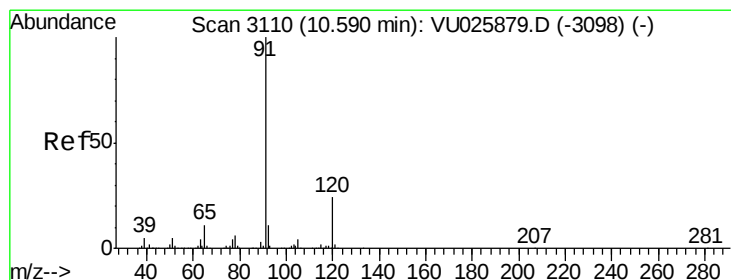
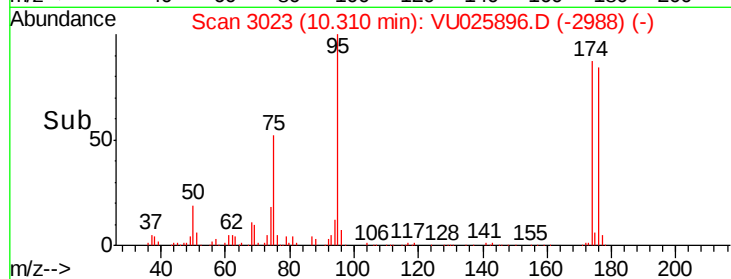
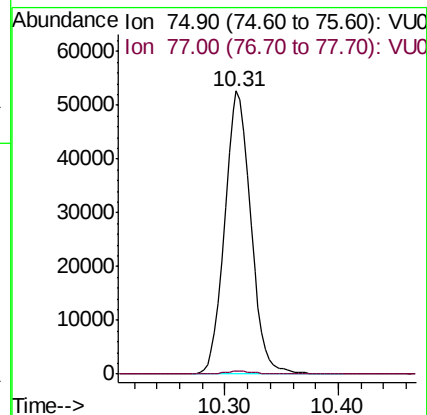
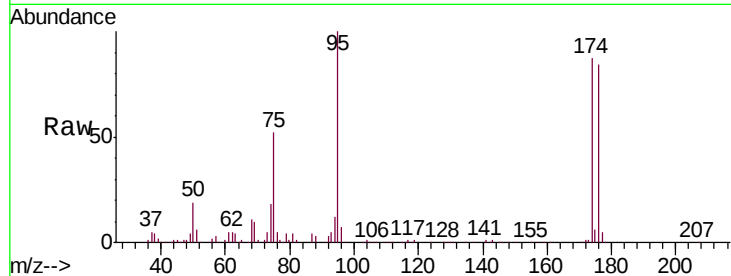
FL-0521

Tgt Ion: 75 Resp: 84727

Ion Ratio Lower Upper

75 100

77 1.1 20.4 61.3#



#78

n-propylbenzene

Concen: 9.138 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025896.D

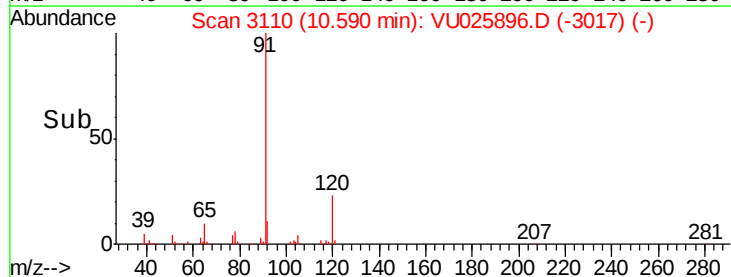
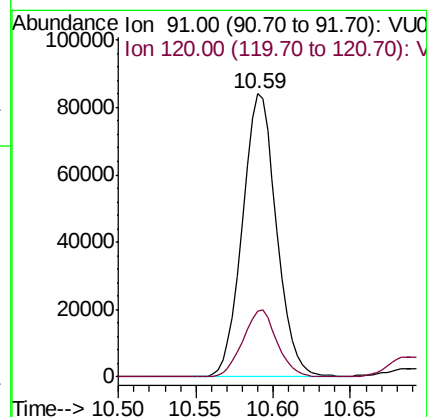
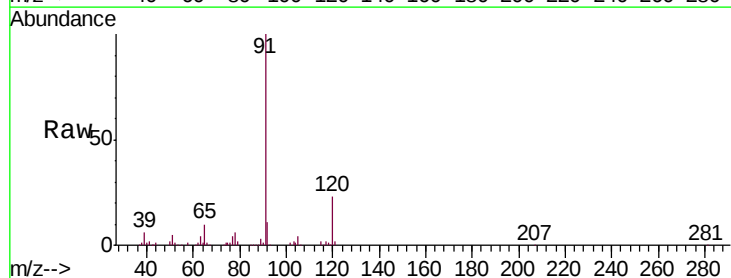
Acq: 06 Aug 2018 19:15

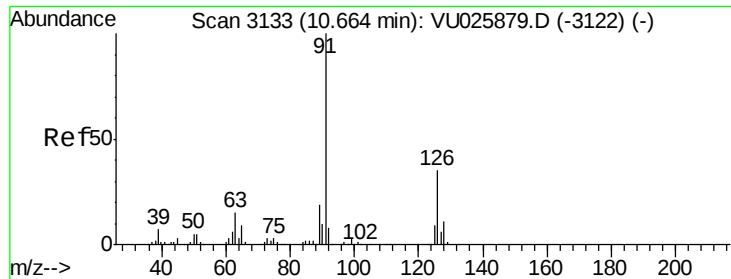
Tgt Ion: 91 Resp: 128882

Ion Ratio Lower Upper

91 100

120 23.6 11.8 35.3

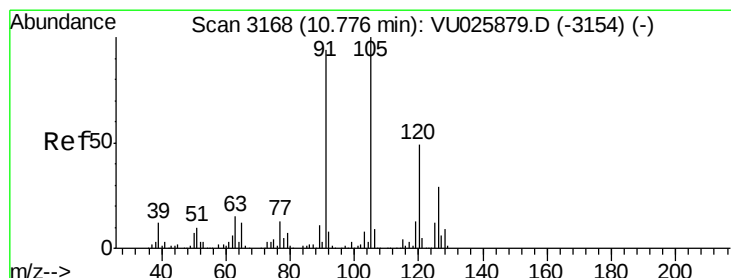
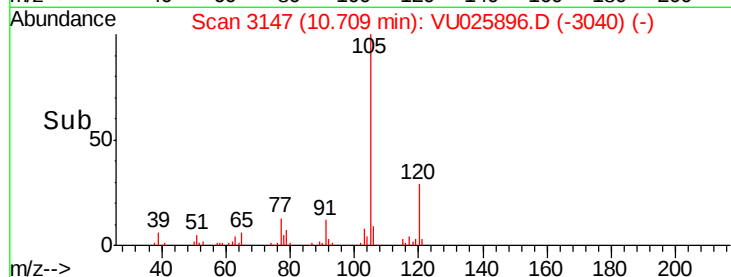
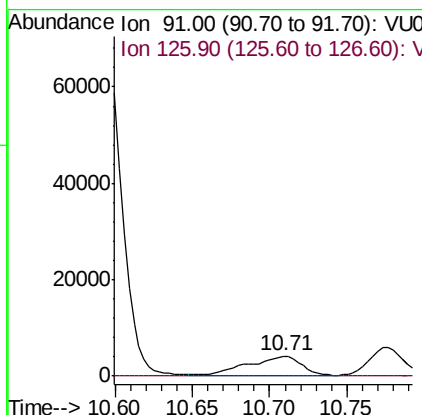
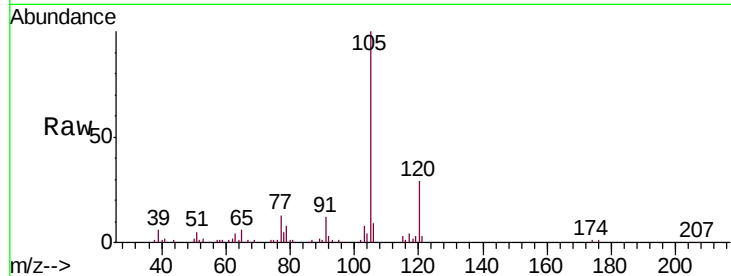




#79
 2-Chlorotoluene
 Concen: 1.253 ug/l
 RT: 10.71 min Scan# 3147
 Delta R.T. 0.05 min
 Lab File: VU025896.D
 Acq: 06 Aug 2018 19:15

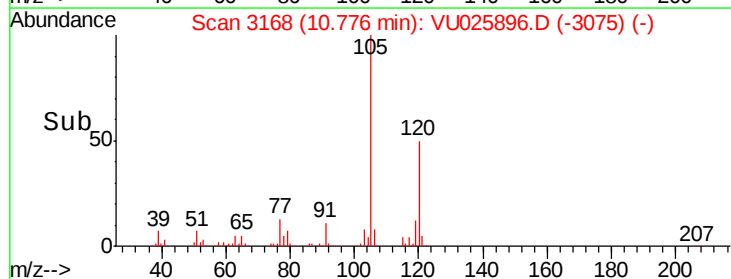
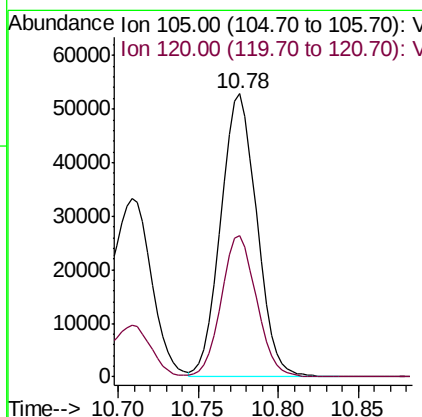
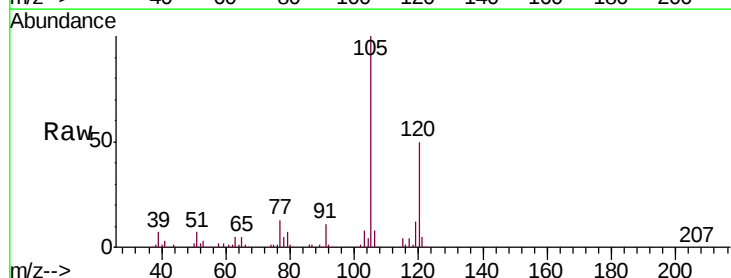
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0521

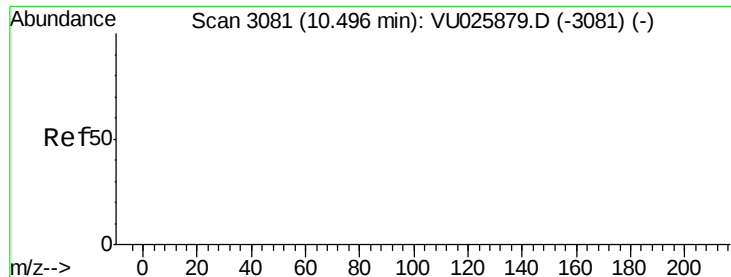
Tgt Ion: 91 Resp: 10351
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.5 52.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 7.928 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025896.D
 Acq: 06 Aug 2018 19:15

Tgt Ion: 105 Resp: 81363
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 54.460 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025896.D

Acq: 06 Aug 2018 19:15

Instrument :

MSVOA_U

ClientSampleId :

FL-0521

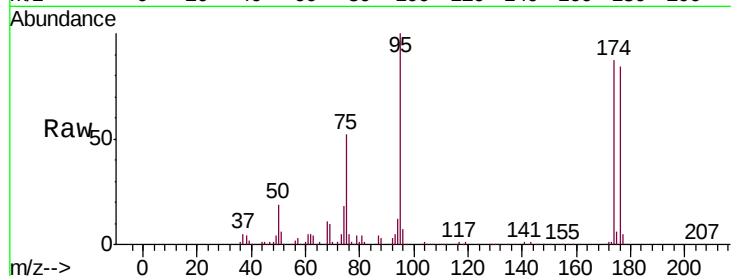
Tgt Ion: 75 Resp: 84727

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

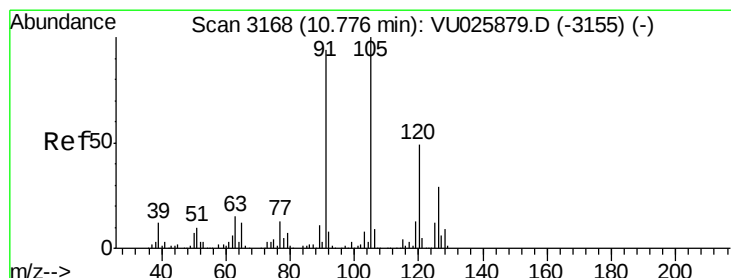
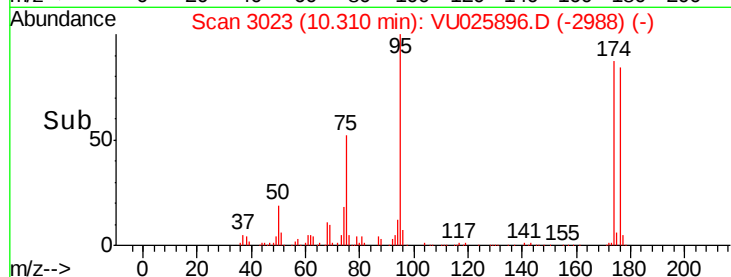
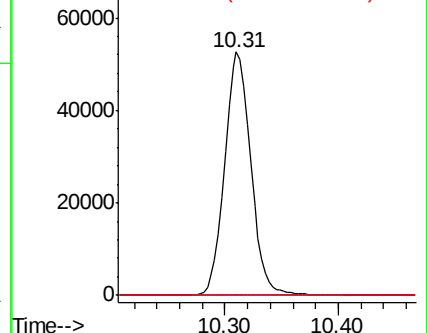
89 0.0 0.0 0.0



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: 0.978 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025896.D

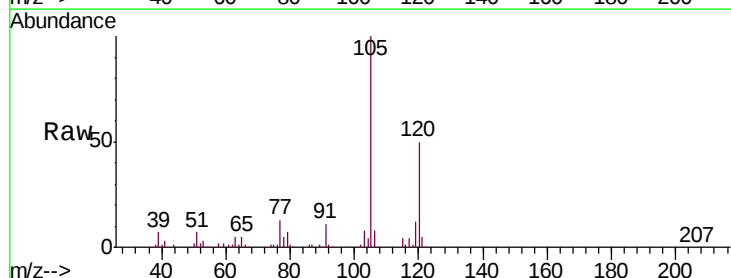
Acq: 06 Aug 2018 19:15

Tgt Ion: 91 Resp: 9522

Ion Ratio Lower Upper

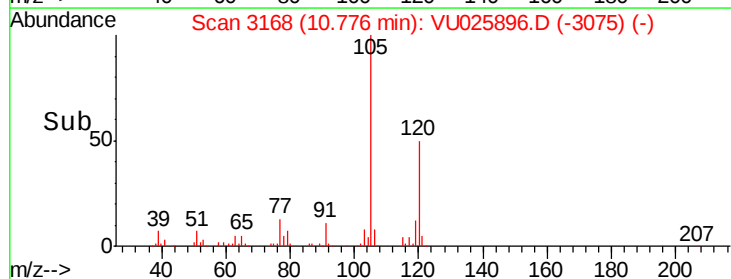
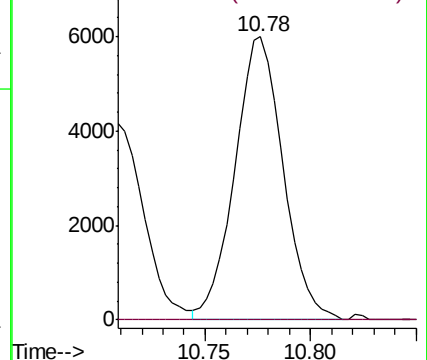
91 100

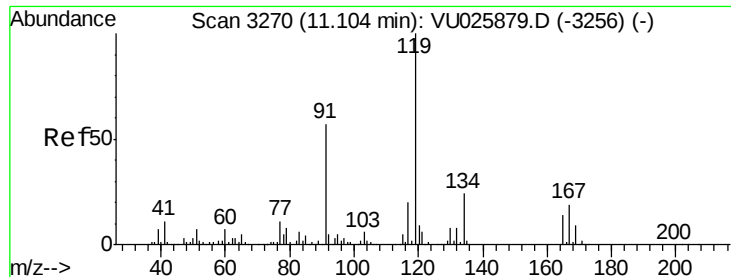
126 0.0 15.3 45.9#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

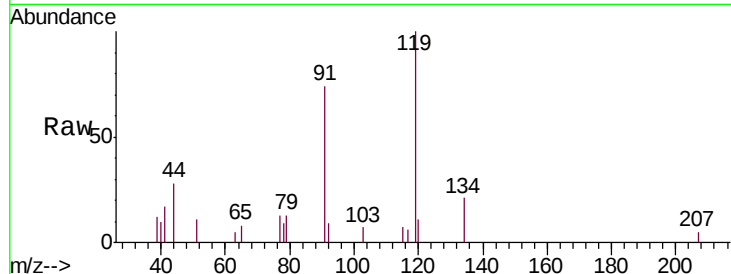




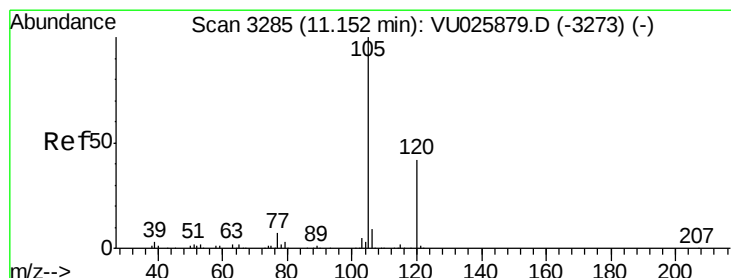
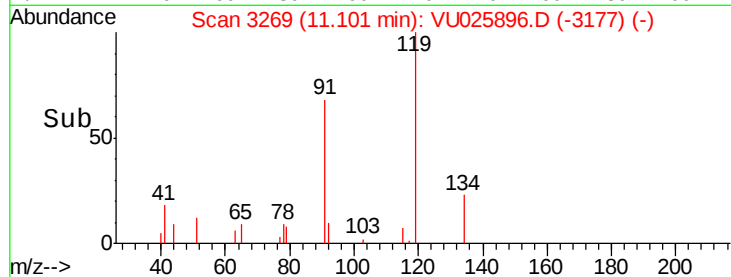
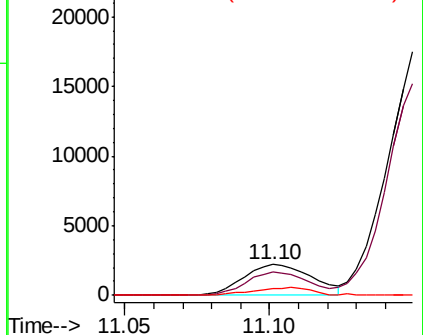
#83
tert-Butylbenzene
Concen: 0.356 ug/l
RT: 11.10 min Scan# 3269
Delta R.T. -0.00 min
Lab File: VU025896.D
Acq: 06 Aug 2018 19:15

Instrument :
MSVOA_U
ClientSampleId :
FL-0521

Tgt Ion:119 Resp: 3631
Ion Ratio Lower Upper
119 100
91 67.3 29.7 89.1
134 20.2 11.5 34.5

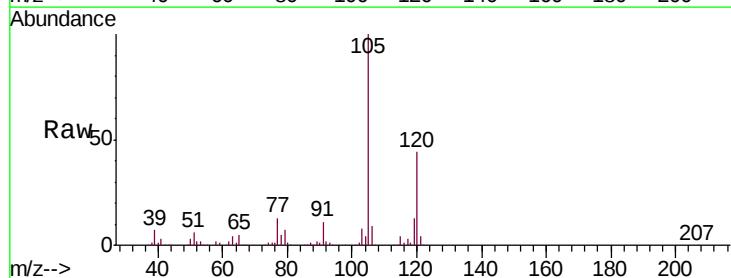


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VU0
Ion 134.00 (133.70 to 134.70): V

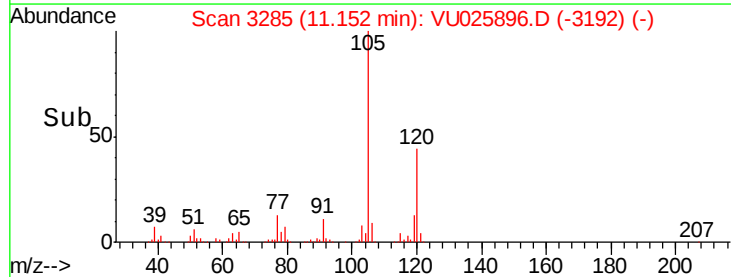
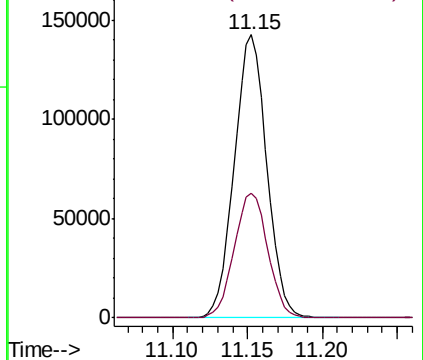


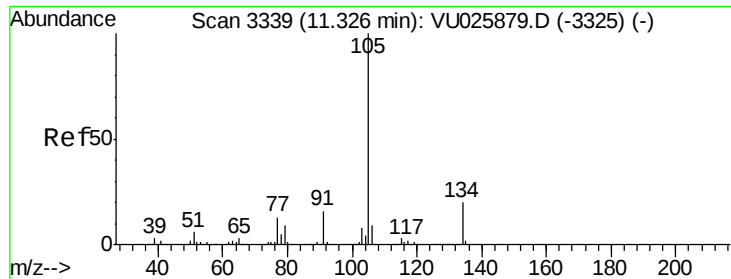
#84
1,2,4-Trimethylbenzene
Concen: 20.740 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025896.D
Acq: 06 Aug 2018 19:15

Tgt Ion:105 Resp: 215696
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

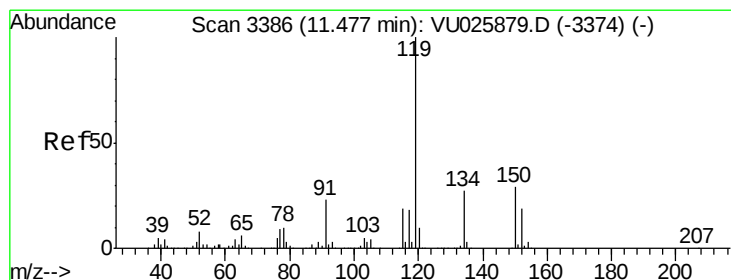
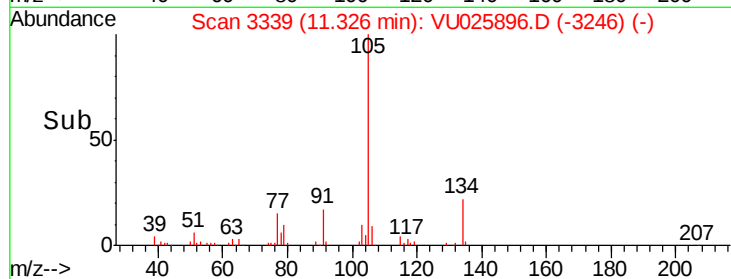
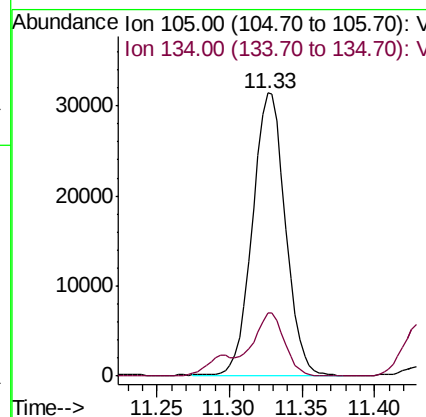
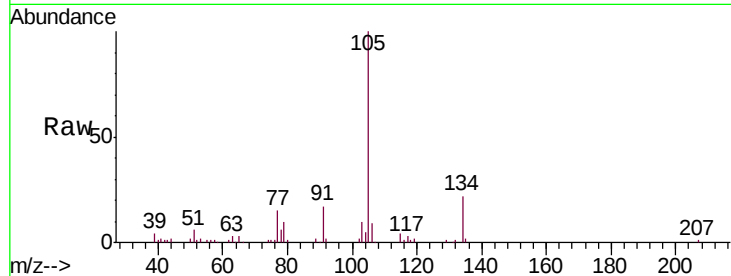




#85
 sec-Butylbenzene
 Concen: 4.014 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025896.D
 Acq: 06 Aug 2018 19:15

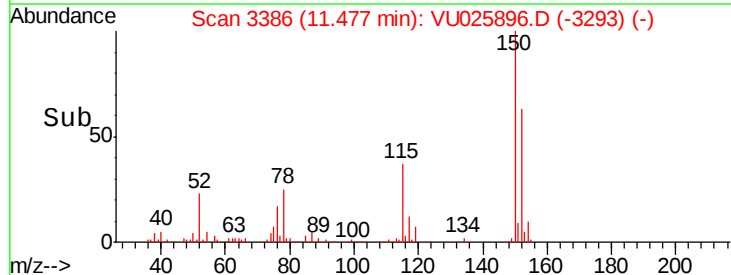
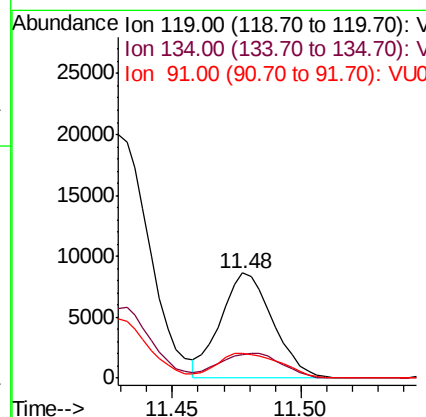
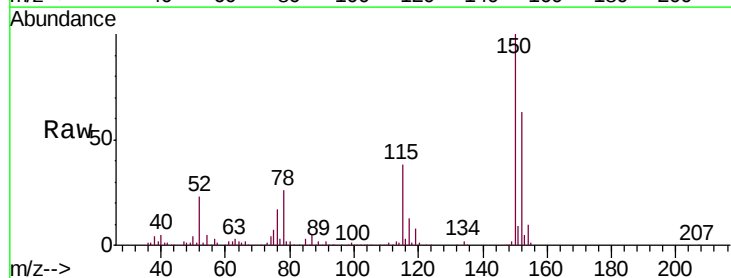
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0521

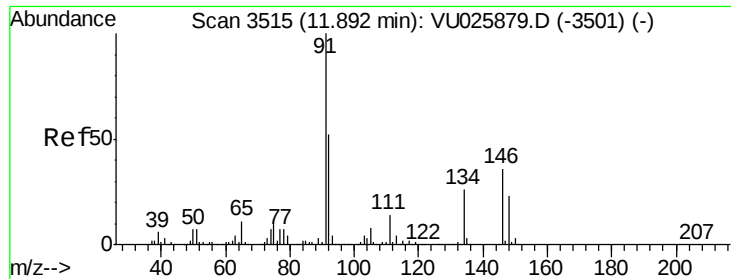
Tgt Ion:105 Resp: 49978
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 1.092 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU025896.D
 Acq: 06 Aug 2018 19:15

Tgt Ion:119 Resp: 12178
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.2 39.5
 91 28.5 12.0 36.1

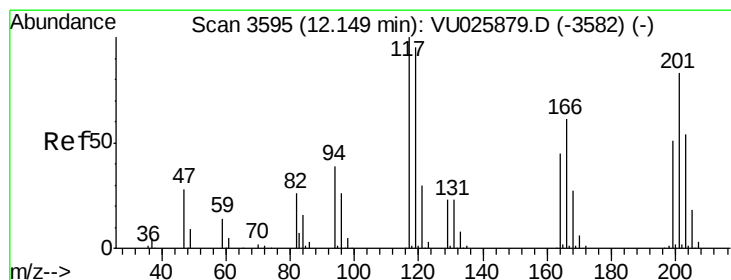
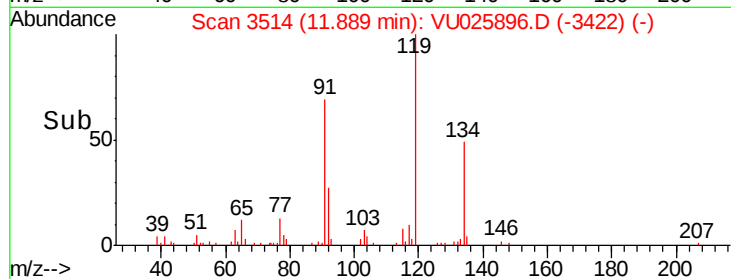
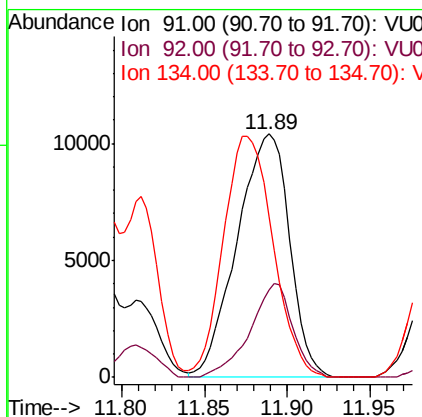
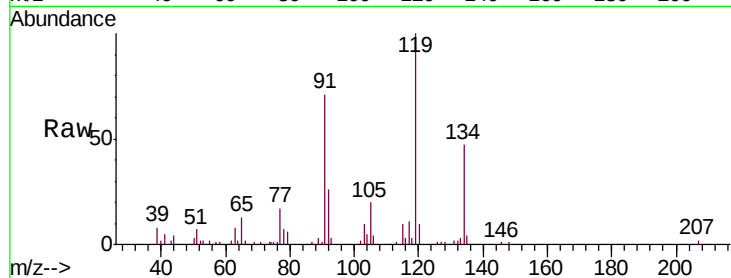




#89
n-Butylbenzene
Concen: 2.231 ug/l
RT: 11.89 min Scan# 3514
Delta R.T. -0.00 min
Lab File: VU025896.D
Acq: 06 Aug 2018 19:15

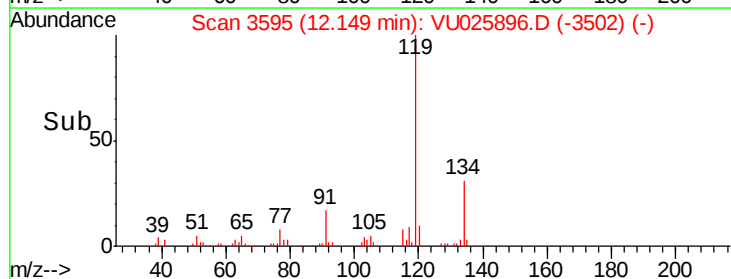
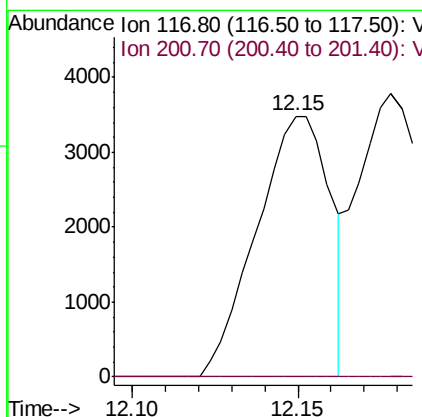
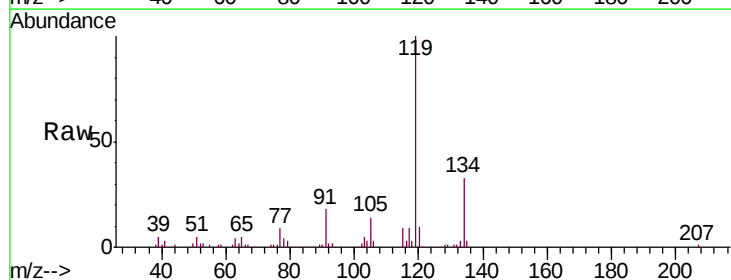
Instrument :
MSVOA_U
ClientSampleId :
FL-0521

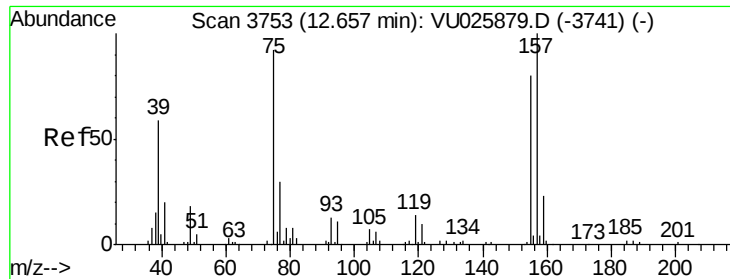
Tgt Ion: 91 Resp: 22947
Ion Ratio Lower Upper
91 100
92 31.2 26.5 79.5
134 93.5 13.6 40.7#



#90
Hexachloroethane
Concen: 2.713 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025896.D
Acq: 06 Aug 2018 19:15

Tgt Ion: 117 Resp: 5377
Ion Ratio Lower Upper
117 100
201 0.0 42.5 127.6#

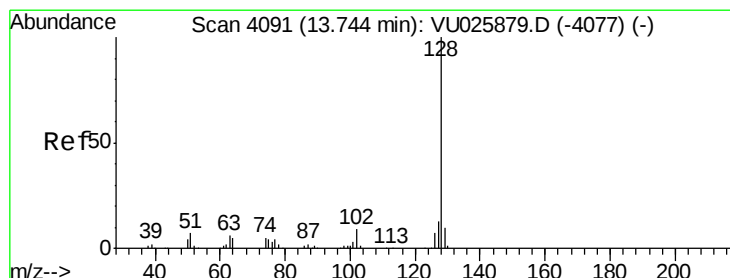
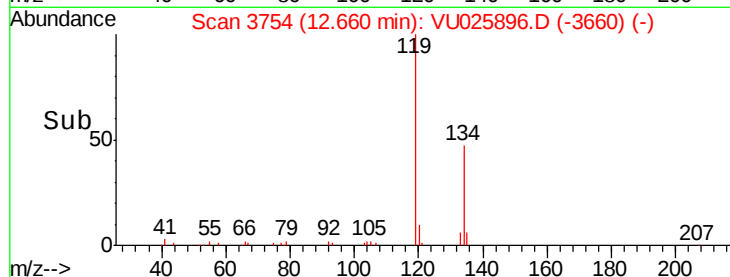
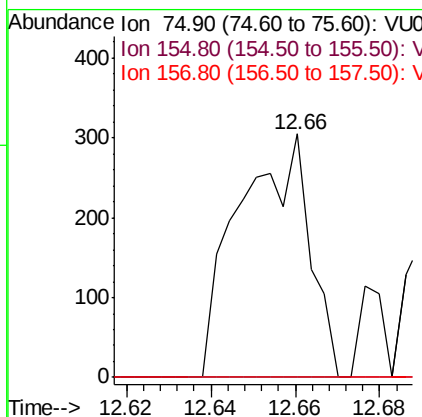
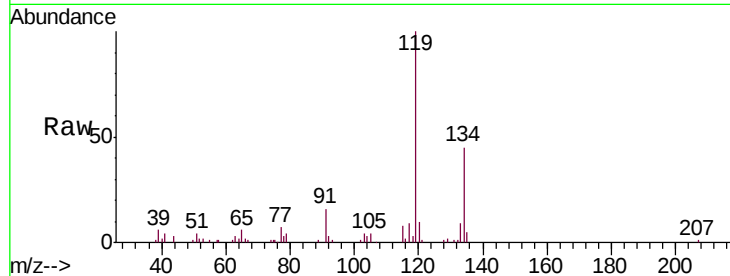




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.358 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025896.D
 Acq: 06 Aug 2018 19:15

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0521

Tgt Ion: 75 Resp: 355
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.5 133.3#
 157 0.0 57.0 170.8#



#95
 Naphthalene
 Concen: 1.880 ug/l
 RT: 13.75 min Scan# 4092
 Delta R.T. 0.00 min
 Lab File: VU025896.D
 Acq: 06 Aug 2018 19:15

Tgt Ion: 128 Resp: 8491
 Ion Ratio Lower Upper
 128 100
 127 14.9 10.5 15.7
 129 14.6 8.3 12.5#

