

Data File : VU025919.D
Acq On : 07 Aug 2018 05:01
Operator : MD/SY
Sample : J4344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0535

Quant Time: Aug 07 05:24:12 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	204543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	329672	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	330752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	211384	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	157793	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	4.89	113	133041	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
50) Toluene-d8	7.57	98	495123	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	10.31	95	193052	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	

Target Compounds

						Qvalue
6) Chloroethane	1.71	64	787	0.484	ug/l #	43
11) Tert butyl alcohol	2.83	59	601	0.861	ug/l #	73
13) Acrolein	2.31	56	5200	18.698	ug/l	86
14) Allyl chloride	2.71	41	16450	4.168	ug/l #	53
15) Acrylonitrile	3.00	53	5017	3.601	ug/l #	35
16) Acetone	2.31	43	17793	11.451	ug/l #	60
18) Methyl Acetate	2.71	43	42845	11.457	ug/l #	52
20) Methylene Chloride	2.71	84	717	0.260	ug/l #	1
23) Vinyl Acetate	3.31	43	45135	6.659	ug/l #	53
25) 2-Butanone	4.23	43	1846	0.873	ug/l #	49
26) 2,2-Dichloropropane	4.09	77	1049	0.247	ug/l #	53
29) Tetrahydrofuran	4.72	42	286	0.226	ug/l #	32
31) Cyclohexane	5.00	56	124187	30.040	ug/l	98
36) 1,1-Dichloropropene	4.99	75	14976	3.887	ug/l #	61
38) Carbon Tetrachloride	4.99	117	19997	4.582	ug/l #	17
39) Methylcyclohexane	6.42	83	288243	65.296	ug/l	97
41) Methacrylonitrile	4.74	41	5298	2.388	ug/l #	42
43) Isopropyl Acetate	5.55	43	27060	4.099	ug/l #	61
45) 1,2-Dichloropropane	6.41	63	3038	1.034	ug/l #	1
47) Bromodichloromethane	6.74	83	1012	0.249	ug/l #	1
48) Methyl methacrylate	6.65	41	16124	4.983	ug/l #	49
55) 1,1,2-Trichloroethane	8.05	97	25719	8.846	ug/l #	19
56) Ethyl methacrylate	8.05	69	5846	1.407	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.07	63	440	7.304	ug/l #	47
67) Ethyl Benzene	9.26	91	47594	3.369	ug/l	98
68) m/p-Xylenes	9.38	106	108472	20.002	ug/l	97
69) o-Xylene	9.78	106	74044	13.970	ug/l	99
70) Styrene	9.79	104	3916	0.457	ug/l #	1
73) Isopropylbenzene	10.17	105	189322	13.122	ug/l	100
76) 1,2,3-Trichloropropane	10.31	75	99542	21.373	ug/l #	34
78) n-propylbenzene	10.59	91	300371	17.838	ug/l	100
79) 2-Chlorotoluene	10.68	91	112158	11.371	ug/l #	40
80) 1,3,5-Trimethylbenzene	10.78	105	734940	59.981	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.31	75	99542	53.592	ug/l #	100

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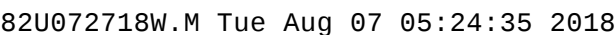
Instrument :
MSVOA_U
ClientSampleId :
FL-0535

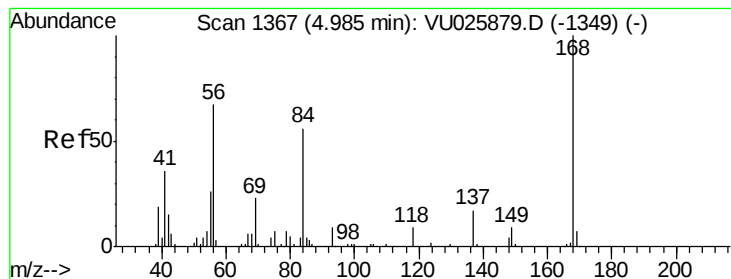
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	10.78	91	76858	6.611	ug/l #	44
83) tert-Butylbenzene	11.10	119	11303	0.928	ug/l	92
84) 1,2,4-Trimethylbenzene	11.15	105	1794960	144.562	ug/l	98
85) sec-Butylbenzene	11.33	105	87427	5.882	ug/l	100
86) p-Isopropyltoluene	11.48	119	88428	6.644	ug/l	99
89) n-Butylbenzene	11.89	91	106301	8.655	ug/l #	15
90) Hexachloroethane	12.15	117	19862	8.394	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.66	75	1616	1.366	ug/l #	1
95) Naphthalene	13.74	128	86968	6.653	ug/l #	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025919.D

Acq: 07 Aug 2018 05:01

Instrument :

MSVOA_U

ClientSampleId :

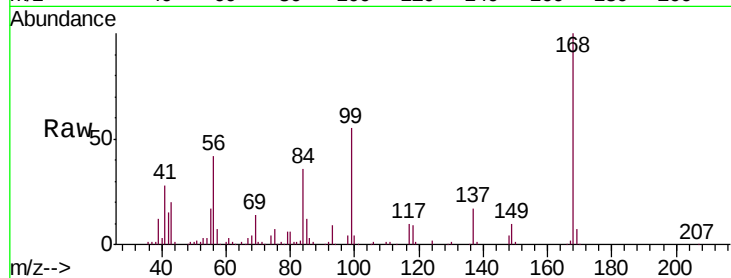
FL-0535

Tgt Ion:168 Resp: 204543

Ion Ratio Lower Upper

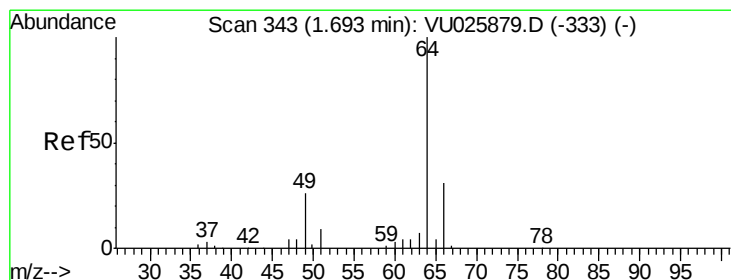
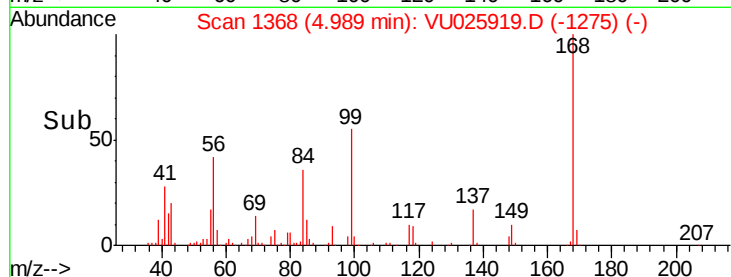
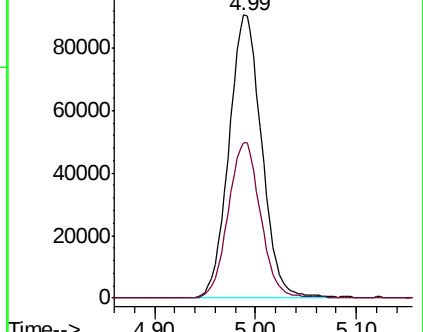
168 100

99 55.0 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) (-)



#6

Chloroethane

Concen: 0.484 ug/l

RT: 1.71 min Scan# 348

Delta R.T. 0.02 min

Lab File: VU025919.D

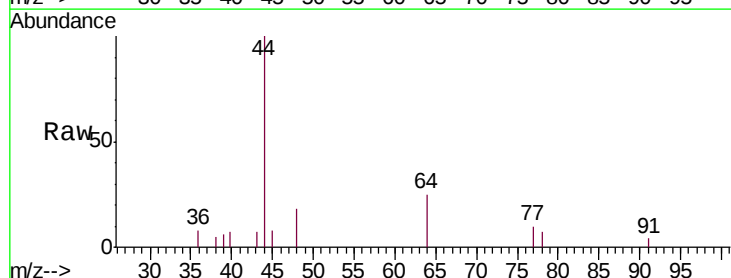
Acq: 07 Aug 2018 05:01

Tgt Ion: 64 Resp: 787

Ion Ratio Lower Upper

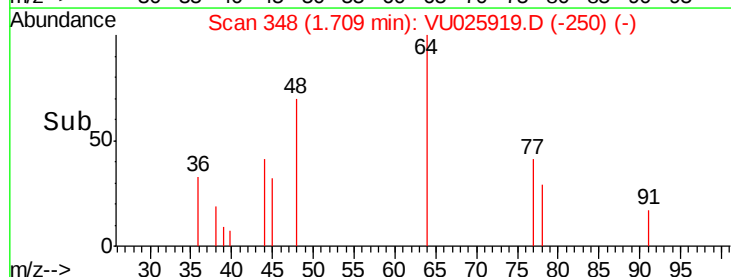
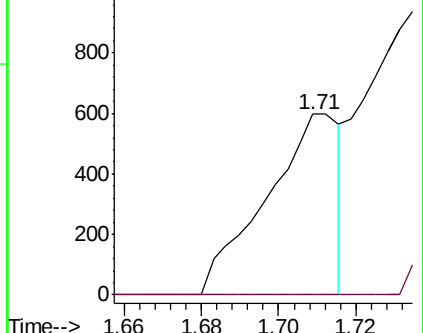
64 100

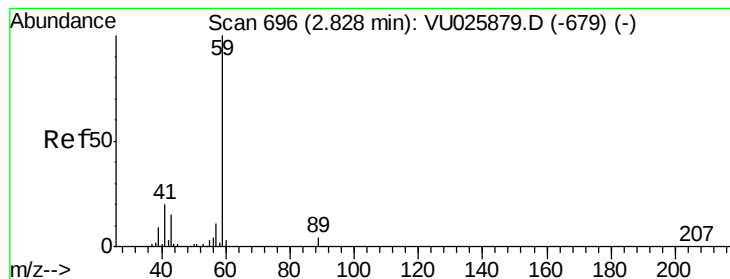
66 0.0 25.0 37.4#



Abundance Ion 63.90 (63.60 to 64.60): VU025879.D (-333) (-)

Ion 65.90 (65.60 to 66.60): VU025879.D (-333) (-)



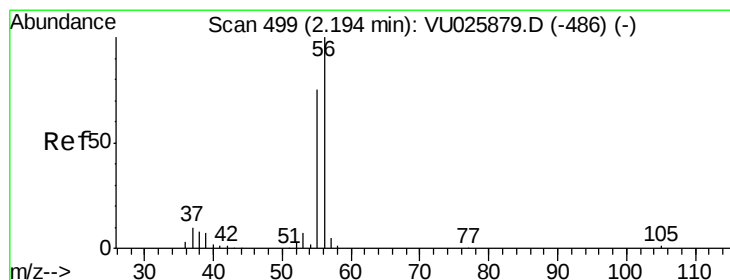
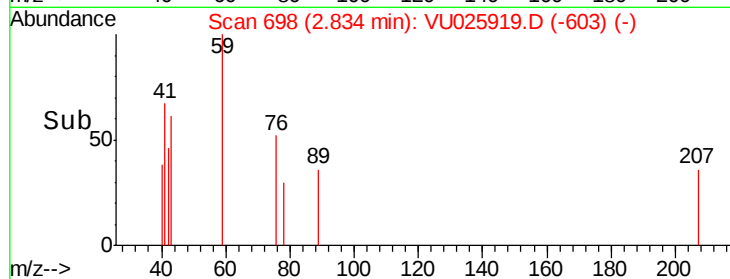
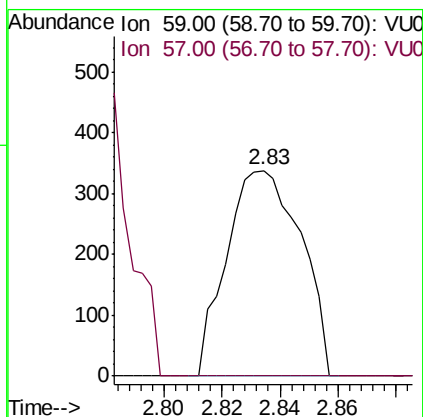
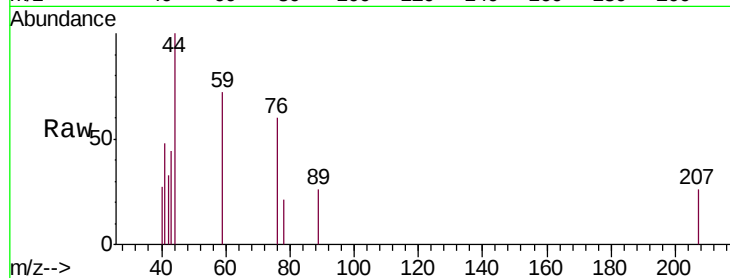


#11

Tert butyl alcohol
 Concen: 0.861 ug/l
 RT: 2.83 min Scan# 698
 Delta R.T. 0.01 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

Instrument :
 MSVOA_U
 ClientSampled :
 FL-0535

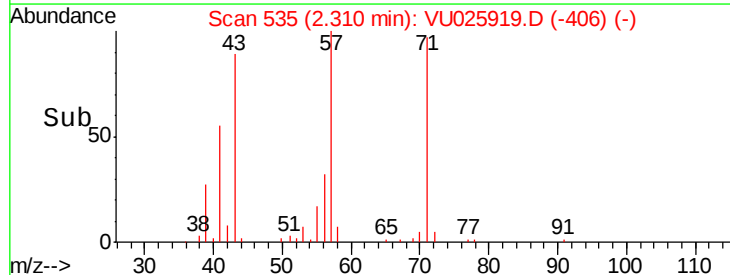
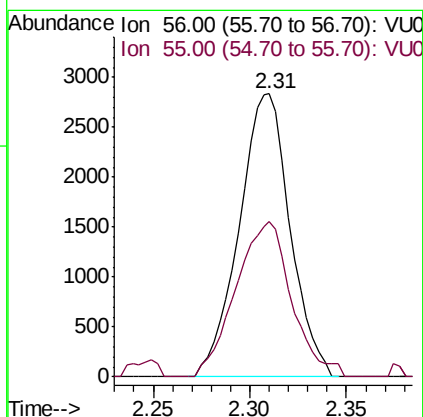
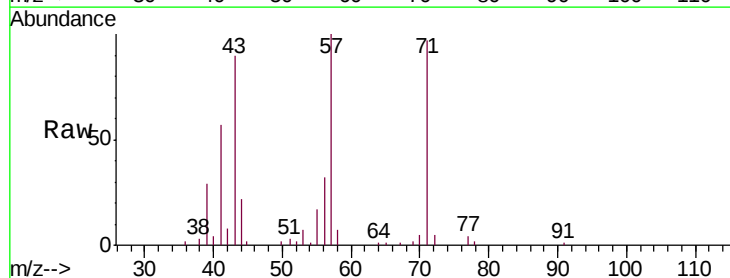
Tgt Ion: 59 Resp: 601
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

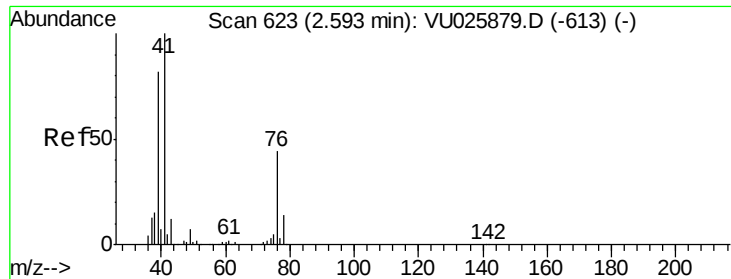


#13

Acrolein
 Concen: 18.698 ug/l
 RT: 2.31 min Scan# 535
 Delta R.T. 0.12 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

Tgt Ion: 56 Resp: 5200
 Ion Ratio Lower Upper
 56 100
 55 60.1 57.2 85.8

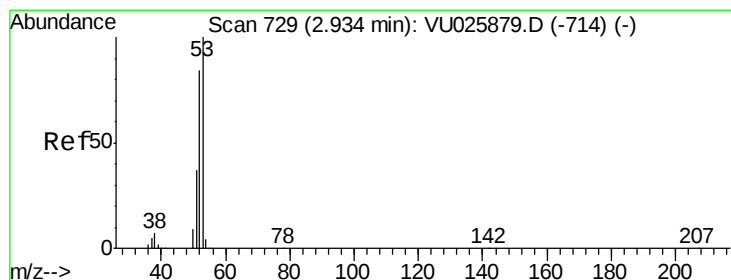
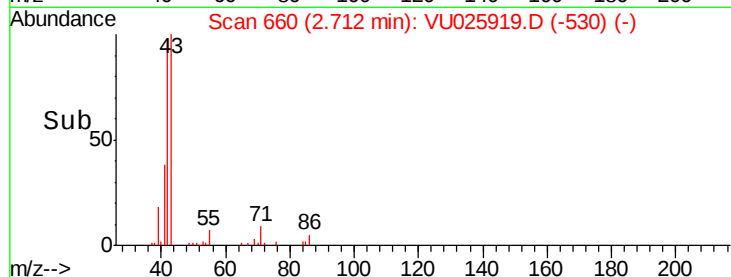
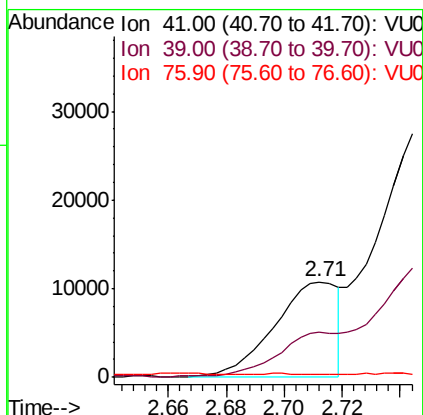
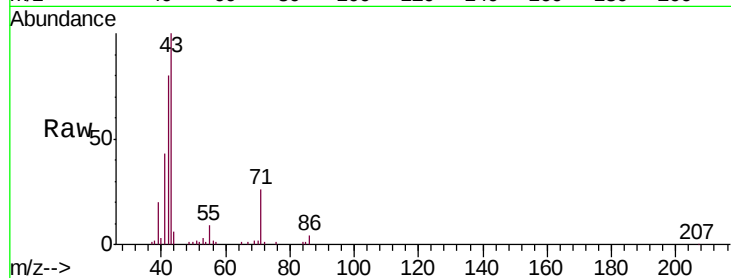




#14
 Allyl chloride
 Concen: 4.168 ug/l
 RT: 2.71 min Scan# 660
 Delta R.T. 0.12 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

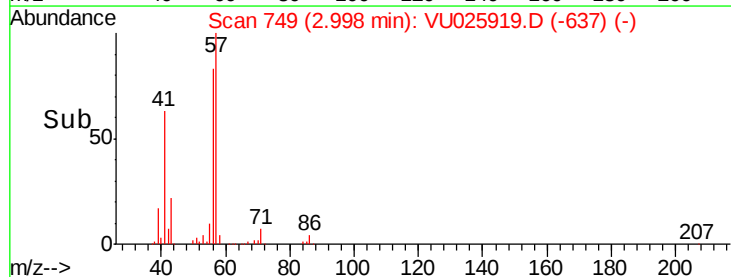
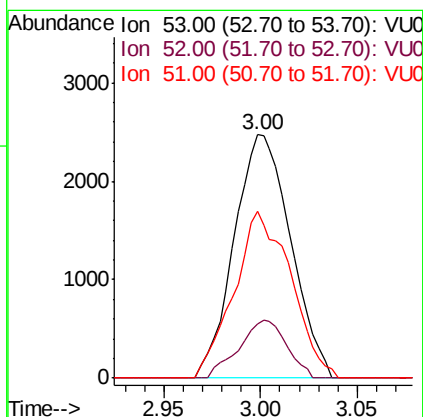
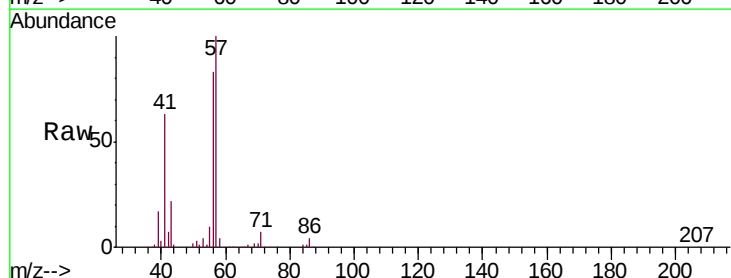
Instrument :
 MSVOA_U
 ClientSampled :
 FL-0535

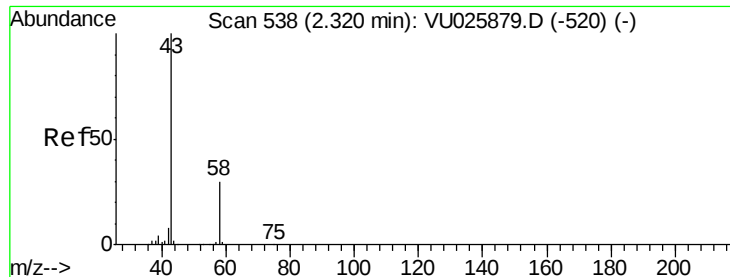
Tgt Ion: 41 Resp: 16450
 Ion Ratio Lower Upper
 41 100
 39 42.6 60.6 91.0#
 76 0.5 30.5 45.7#



#15
 Acrylonitrile
 Concen: 3.601 ug/l
 RT: 3.00 min Scan# 749
 Delta R.T. 0.06 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

Tgt Ion: 53 Resp: 5017
 Ion Ratio Lower Upper
 53 100
 52 20.1 66.6 99.8#
 51 69.1 29.4 44.2#





#16

Acetone

Concen: 11.451 ug/l

RT: 2.31 min Scan# 534

Delta R.T. -0.02 min

Lab File: VU025919.D

Acq: 07 Aug 2018 05:01

Instrument :

MSVOA_U

ClientSampleId :

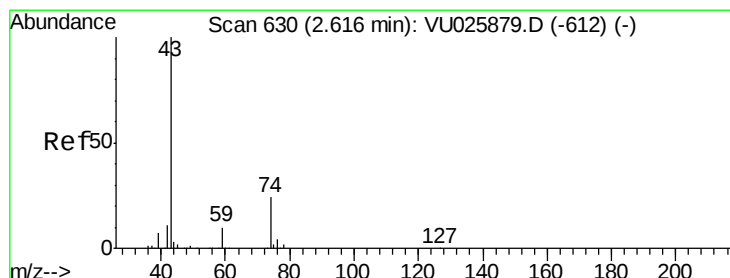
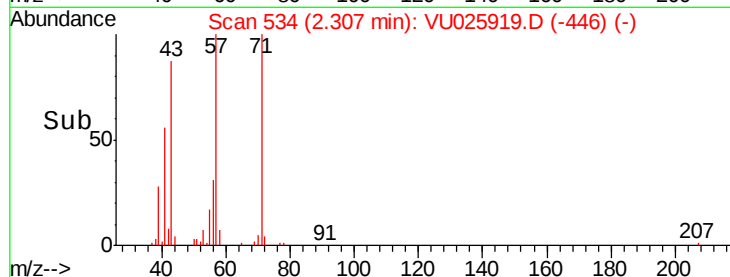
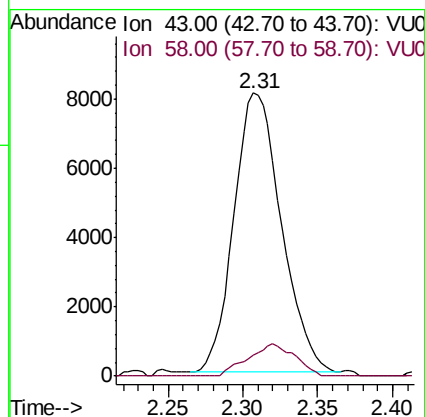
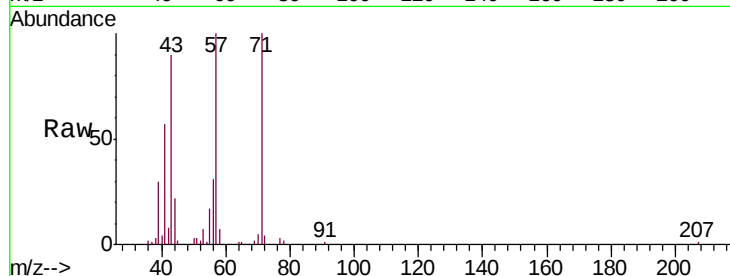
FL-0535

Tgt Ion: 43 Resp: 17793

Ion Ratio Lower Upper

43 100

58 7.5 23.1 34.7#



#18

Methyl Acetate

Concen: 11.457 ug/l

RT: 2.71 min Scan# 660

Delta R.T. 0.10 min

Lab File: VU025919.D

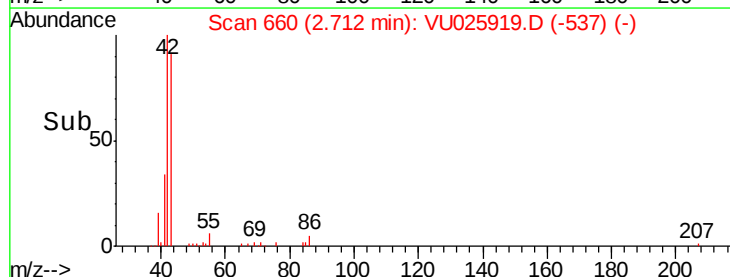
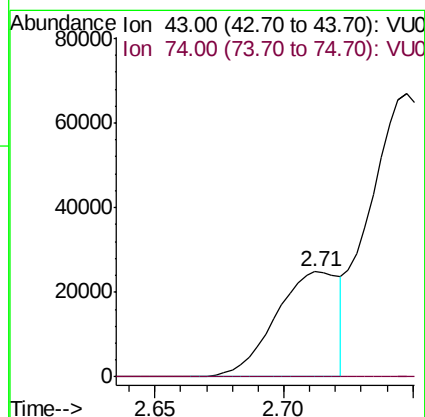
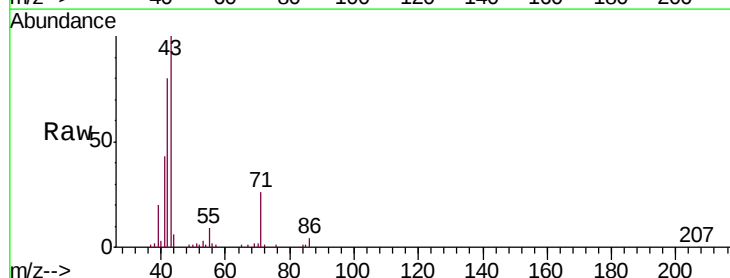
Acq: 07 Aug 2018 05:01

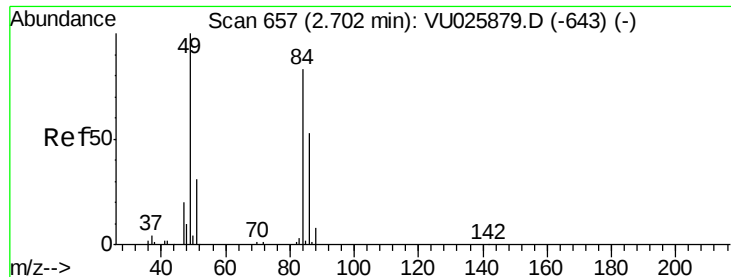
Tgt Ion: 43 Resp: 42845

Ion Ratio Lower Upper

43 100

74 0.0 18.5 27.7#

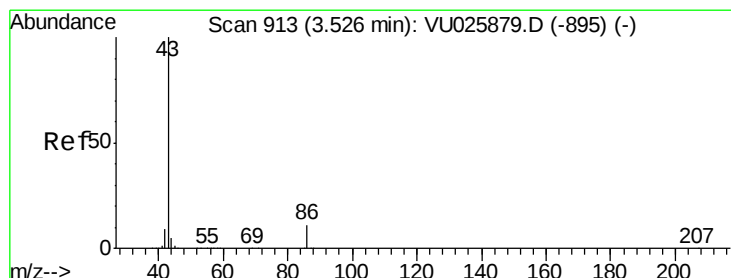
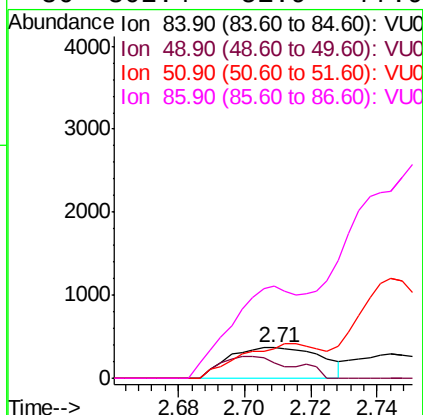
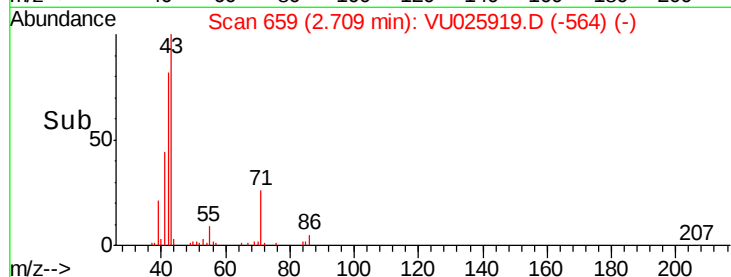
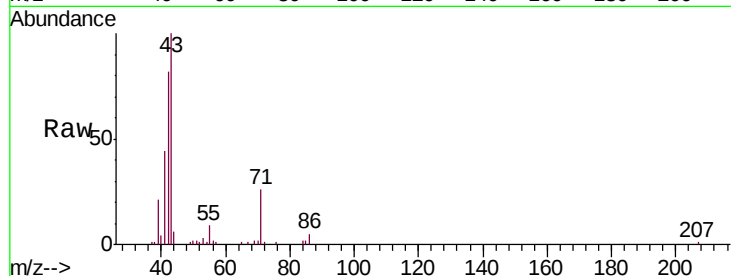




#20
Methylene Chloride
Concen: 0.260 ug/l
RT: 2.71 min Scan# 659
Delta R.T. 0.01 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

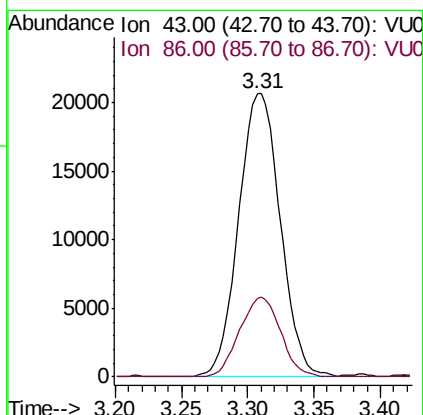
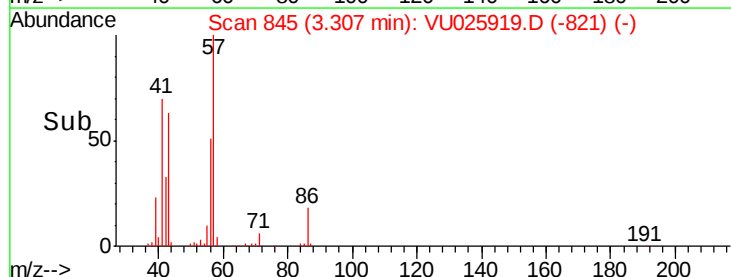
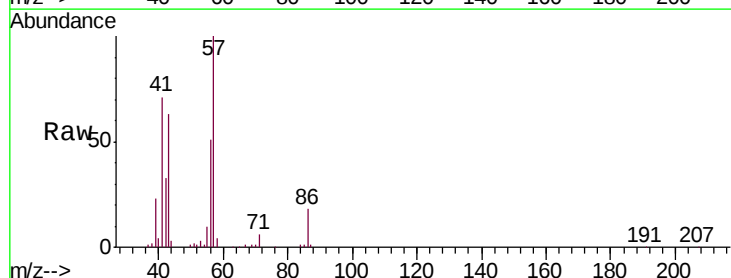
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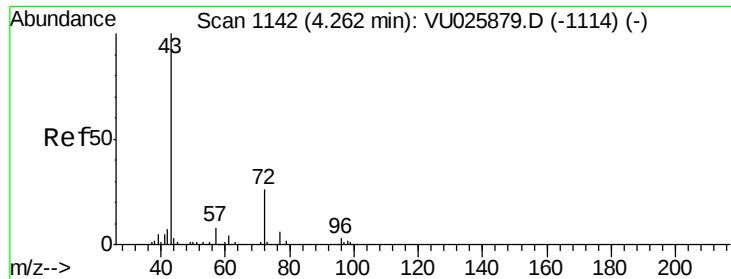
Tgt Ion: 84 Resp: 717
Ion Ratio Lower Upper
84 100
49 52.2 101.8 152.6#
51 98.1 30.8 46.2#
86 302.4 51.9 77.9#



#23
Vinyl Acetate
Concen: 6.659 ug/l
RT: 3.31 min Scan# 845
Delta R.T. -0.22 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

Tgt Ion: 43 Resp: 45135
Ion Ratio Lower Upper
43 100
86 27.6 8.2 12.2#

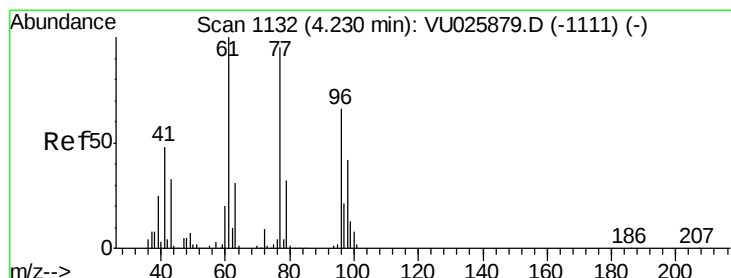
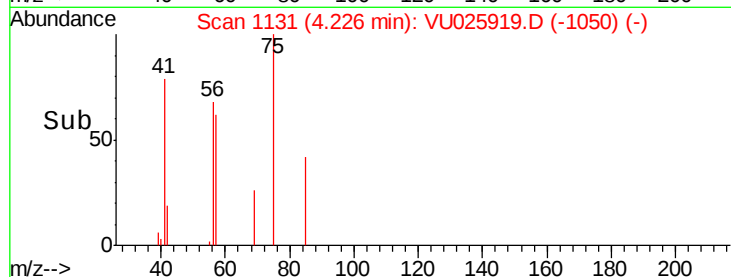
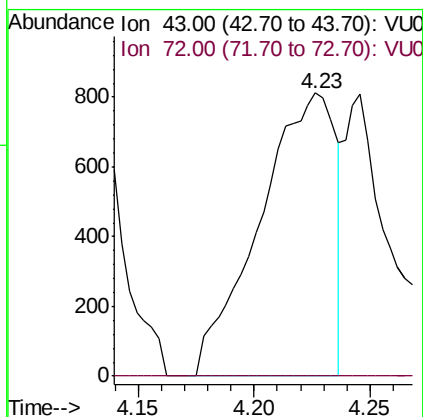
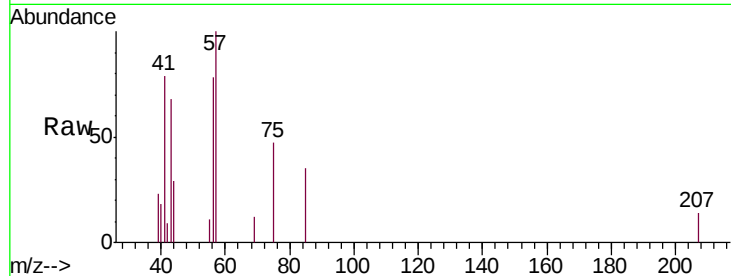




#25
2-Butanone
Concen: 0.873 ug/l
RT: 4.23 min Scan# 1131
Delta R.T. -0.04 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

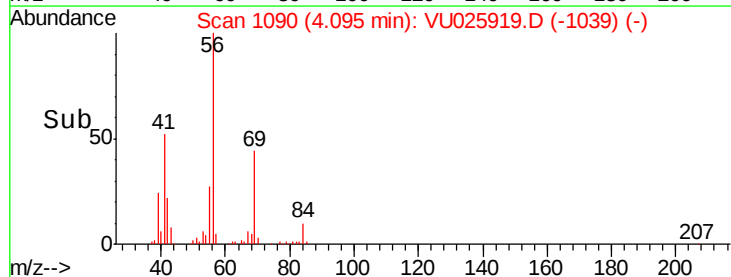
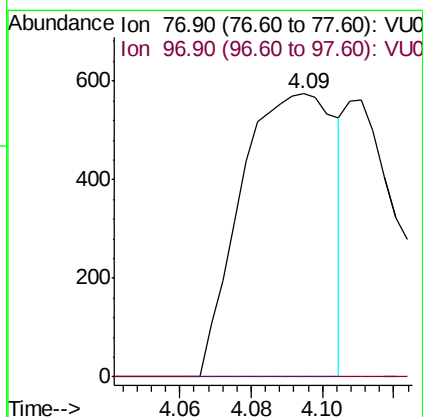
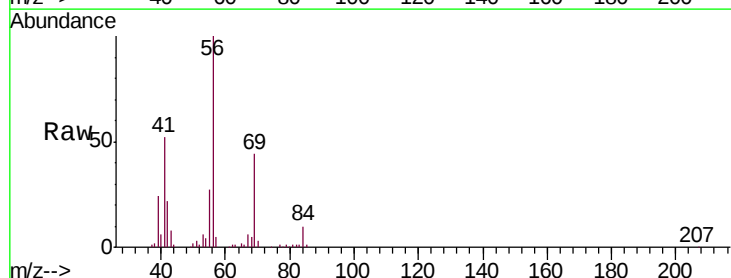
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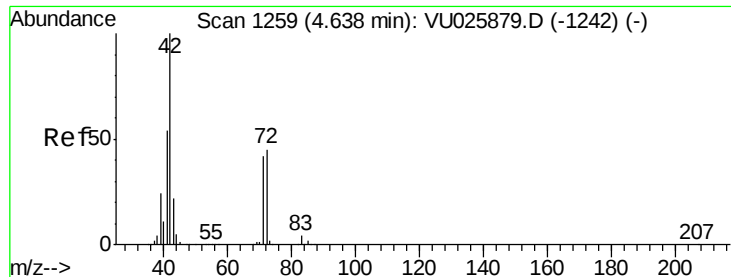
Tgt Ion: 43 Resp: 1846
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#26
2,2-Dichloropropane
Concen: 0.247 ug/l
RT: 4.09 min Scan# 1090
Delta R.T. -0.14 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

Tgt Ion: 77 Resp: 1049
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.5#





#29

Tetrahydrofuran

Concen: 0.226 ug/l

RT: 4.72 min Scan# 1284

Delta R.T. 0.08 min

Lab File: VU025919.D

Acq: 07 Aug 2018 05:01

Instrument :

MSVOA_U

ClientSampleId :

FL-0535

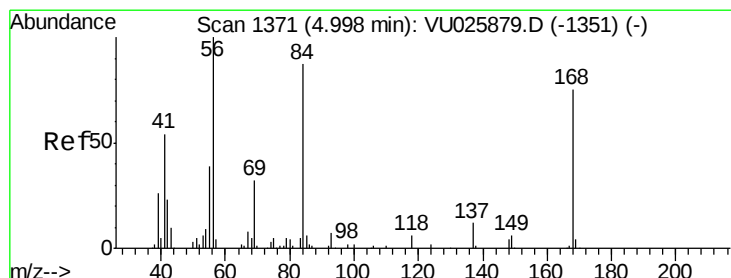
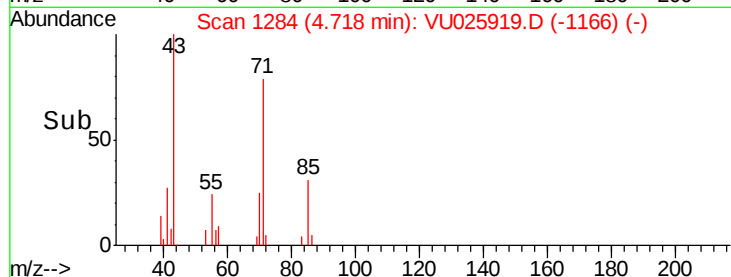
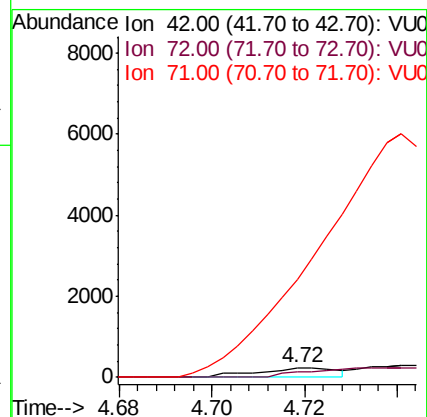
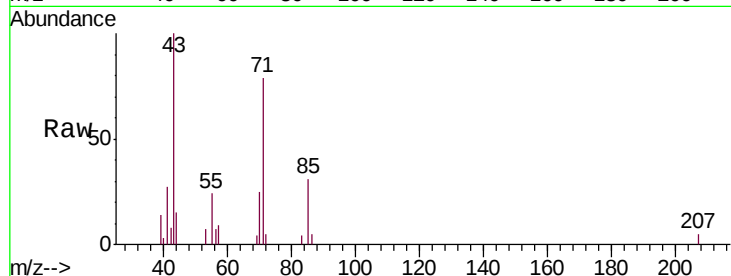
Tgt Ion: 42 Resp: 286

Ion Ratio Lower Upper

42 100

72 0.0 36.7 55.1#

71 0.0 33.9 50.9#



#31

Cyclohexane

Concen: 30.040 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025919.D

Acq: 07 Aug 2018 05:01

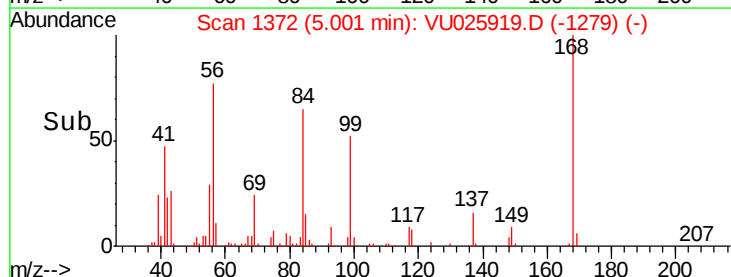
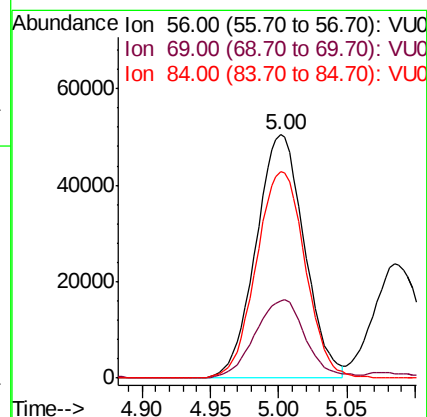
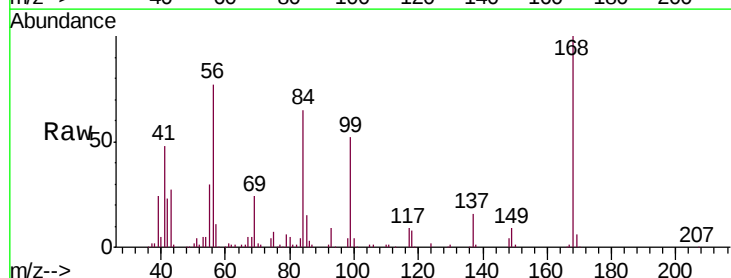
Tgt Ion: 56 Resp: 124187

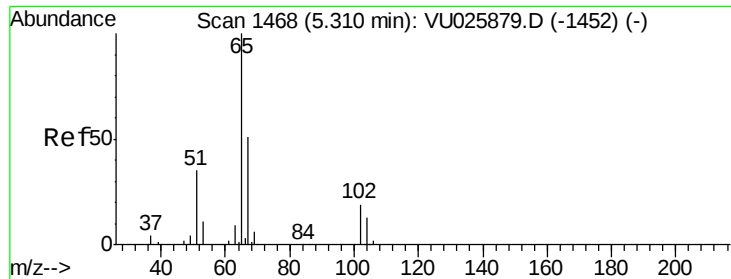
Ion Ratio Lower Upper

56 100

69 31.8 26.8 40.2

84 85.0 69.7 104.5

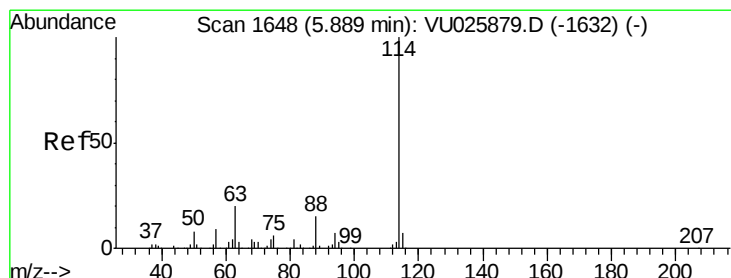
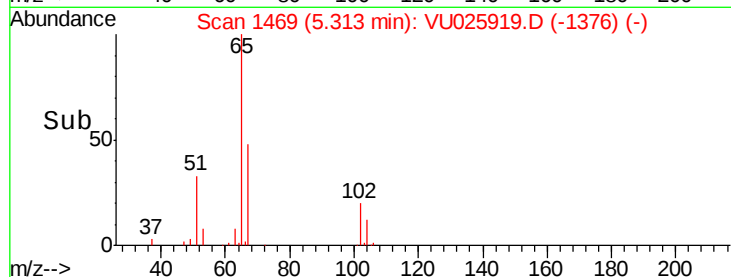
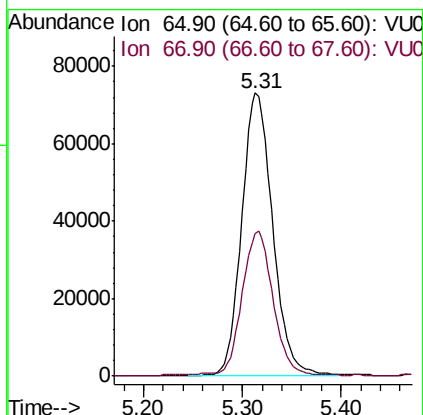
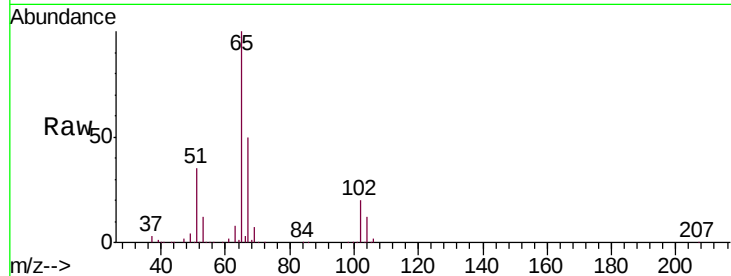




#33
 1,2-Dichloroethane-d4
 Concen: 49.511 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

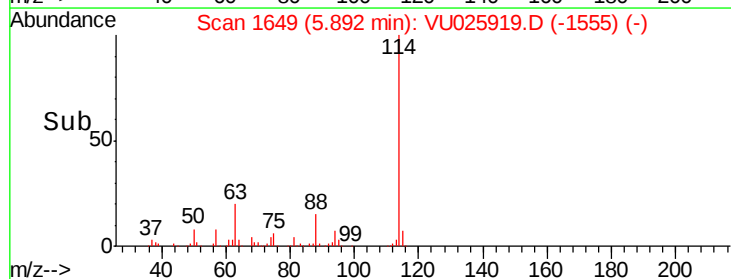
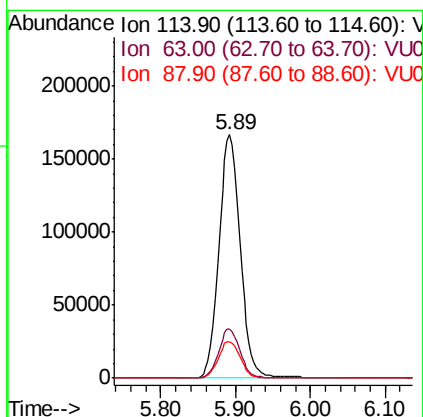
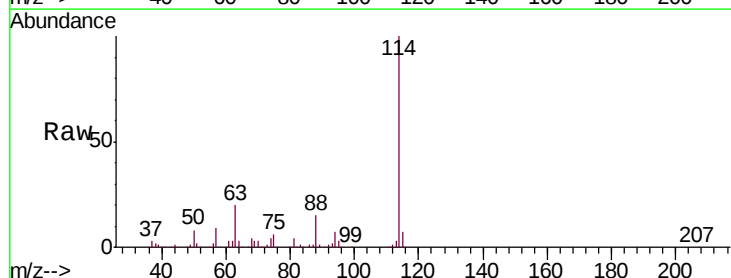
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0535

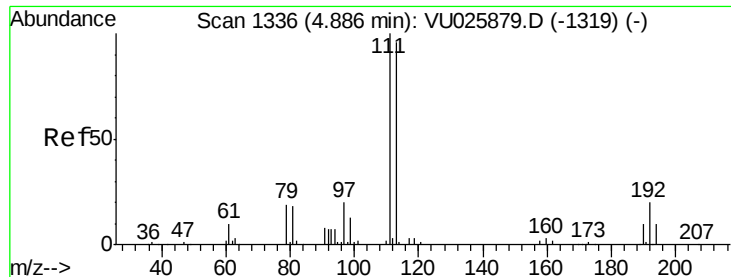
Tgt Ion: 65 Resp: 157793
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

Tgt Ion: 114 Resp: 329672
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.6
 88 14.9 0.0 32.4

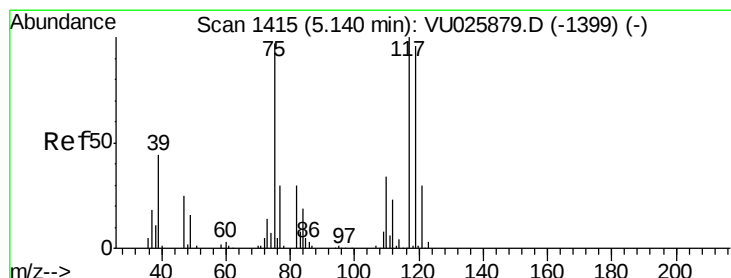
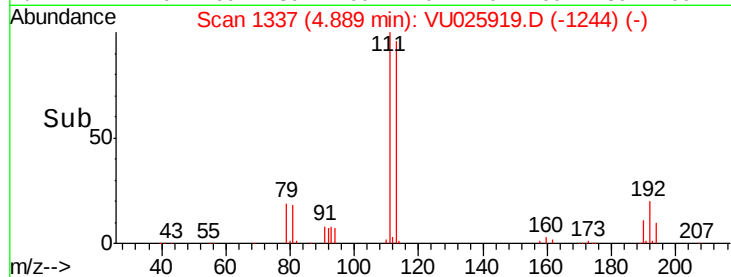
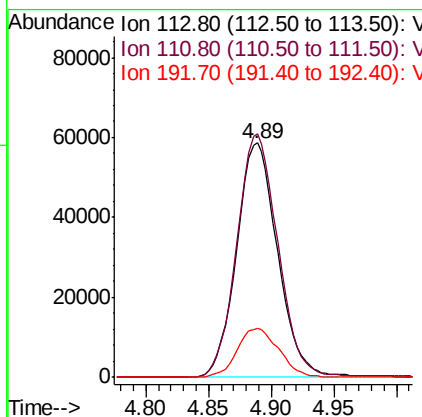
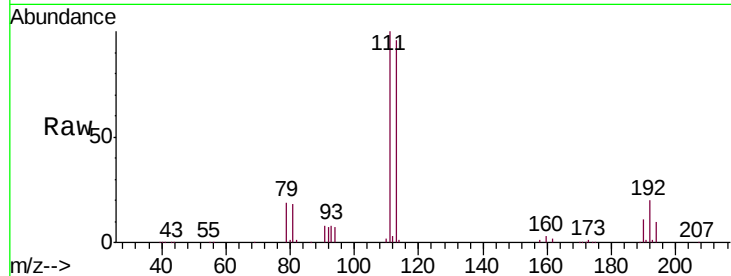




#35
 Dibromofluoromethane
 Concen: 46.399 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

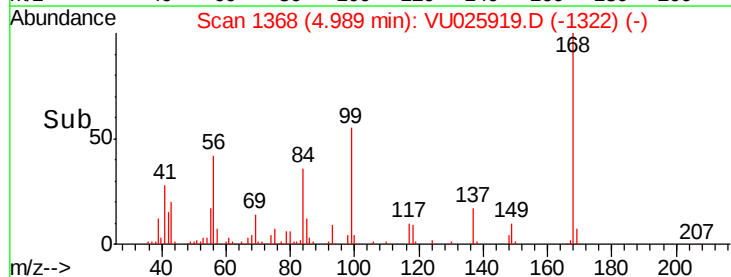
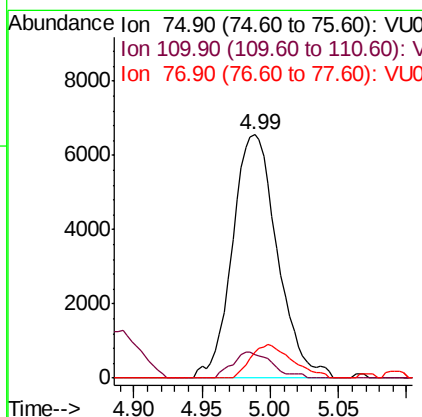
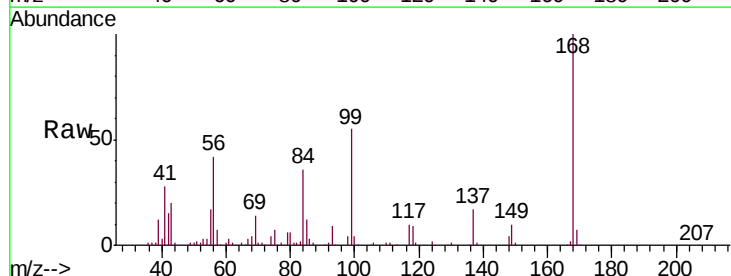
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0535

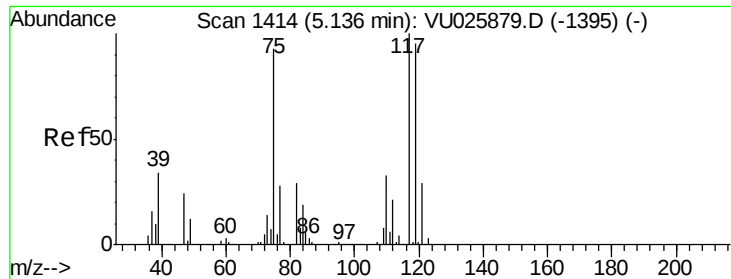
Tgt Ion:113 Resp: 133041
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.7 122.5
 192 21.2 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 3.887 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

Tgt Ion: 75 Resp: 14976
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.6 52.9#
 77 12.7 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 4.582 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU025919.D

Acq: 07 Aug 2018 05:01

Instrument :

MSVOA_U

ClientSampleId :

FL-0535

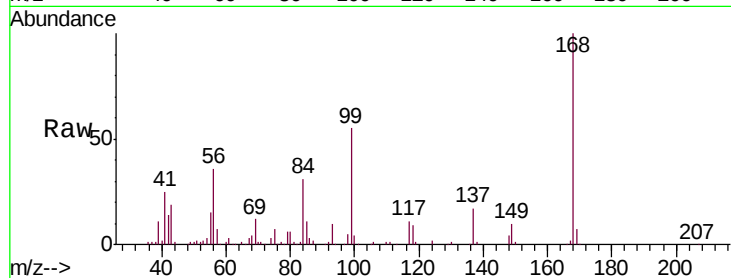
Tgt Ion:117 Resp: 19997

Ion Ratio Lower Upper

117 100

119 5.6 75.7 113.5#

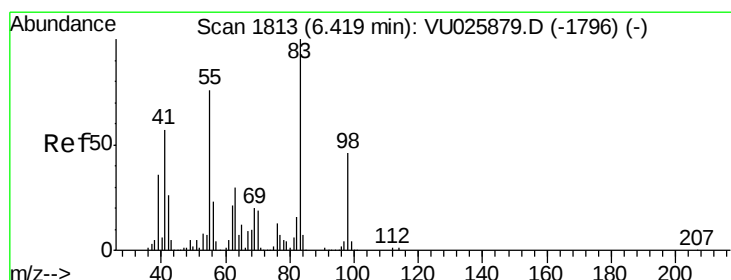
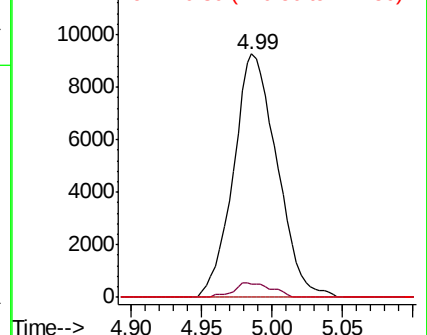
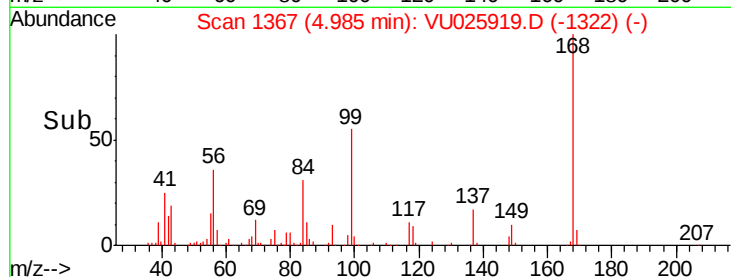
121 0.0 24.6 36.8#



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: 65.296 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU025919.D

Acq: 07 Aug 2018 05:01

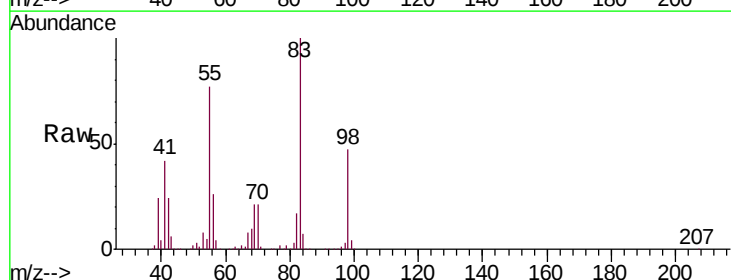
Tgt Ion: 83 Resp: 288243

Ion Ratio Lower Upper

83 100

55 77.3 60.0 90.0

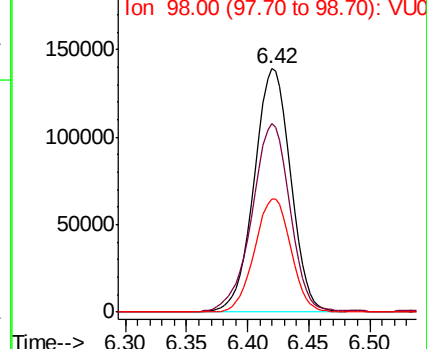
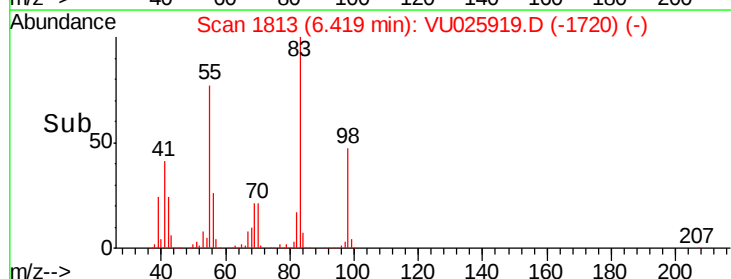
98 46.6 36.1 54.1

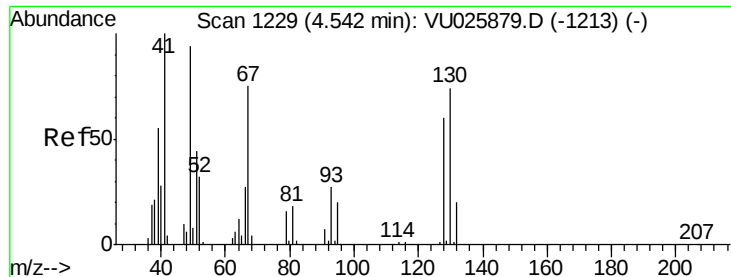


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

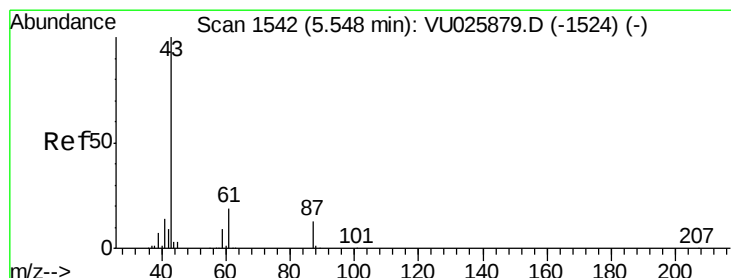
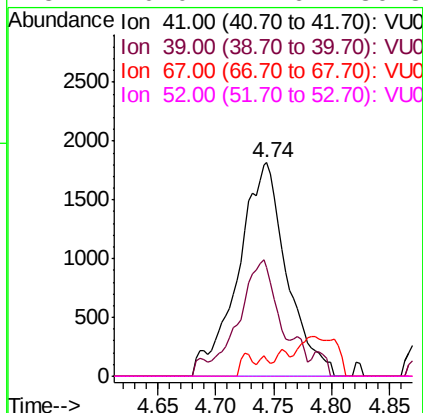
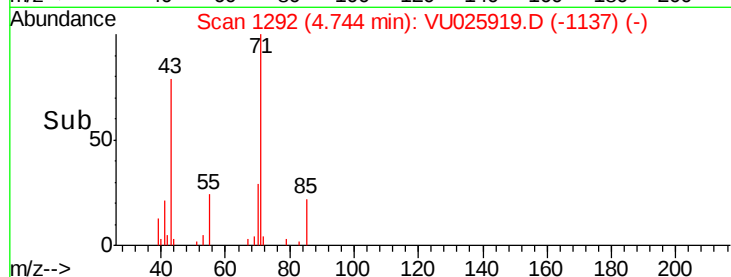
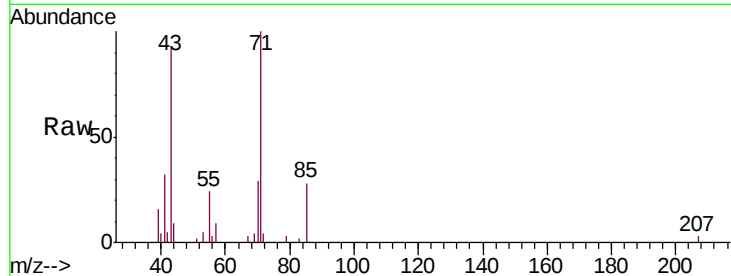




#41
Methacrylonitrile
Concen: 2.388 ug/l
RT: 4.74 min Scan# 1292
Delta R.T. 0.20 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

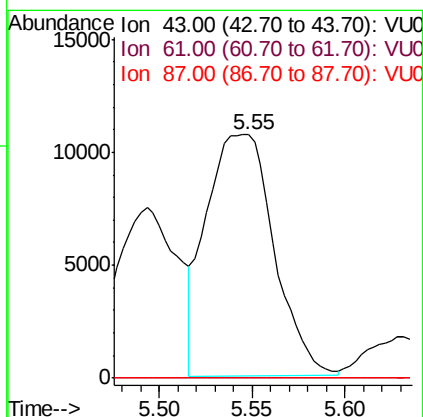
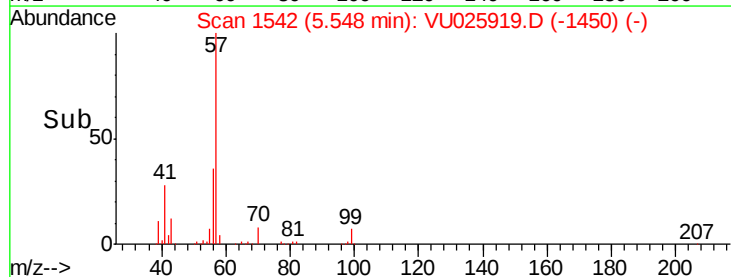
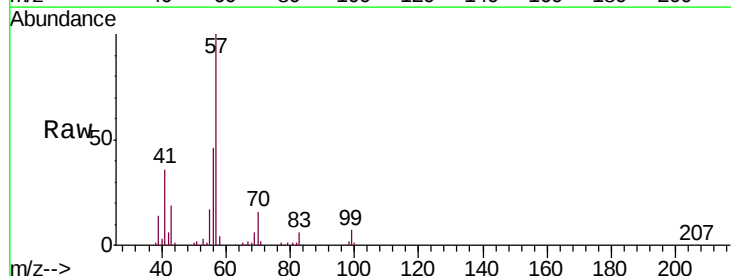
Instrument :
MSVOA_U
ClientSampled :
FL-0535

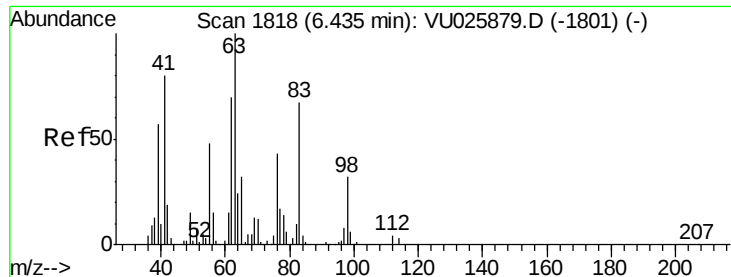
Tgt Ion	Ratio	Lower	Upper
41	100		
39	35.4	44.4	66.6#
67	2.1	56.0	84.0#
52	0.0	24.6	36.8#



#43
Isopropyl Acetate
Concen: 4.099 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

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





#45

1,2-Dichloropropane

Concen: 1.034 ug/l

RT: 6.41 min Scan# 1811

Delta R.T. -0.02 min

Lab File: VU025919.D

Acq: 07 Aug 2018 05:01

Instrument :

MSVOA_U

ClientSampled :

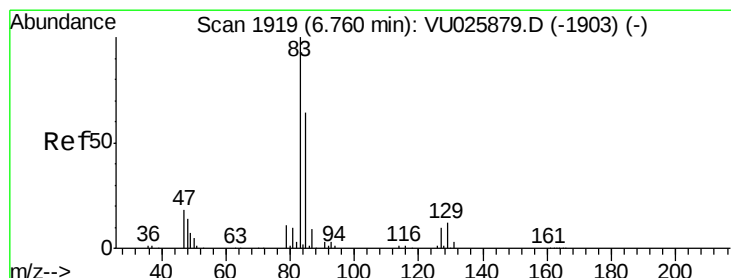
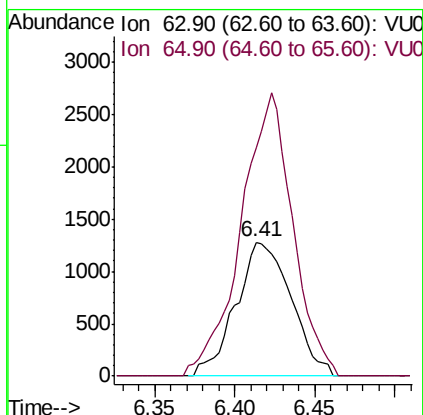
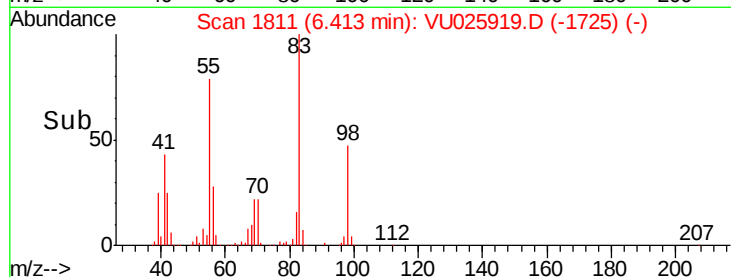
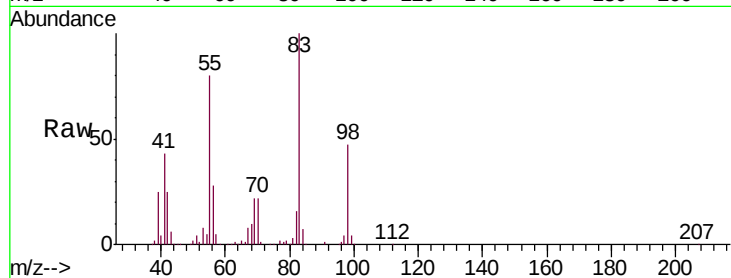
FL-0535

Tgt Ion: 63 Resp: 3038

Ion Ratio Lower Upper

63 100

65 171.1 26.1 39.1#



#47

Bromodichloromethane

Concen: 0.249 ug/l

RT: 6.74 min Scan# 1912

Delta R.T. -0.02 min

Lab File: VU025919.D

Acq: 07 Aug 2018 05:01

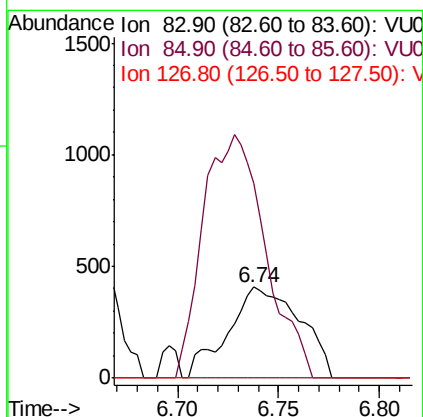
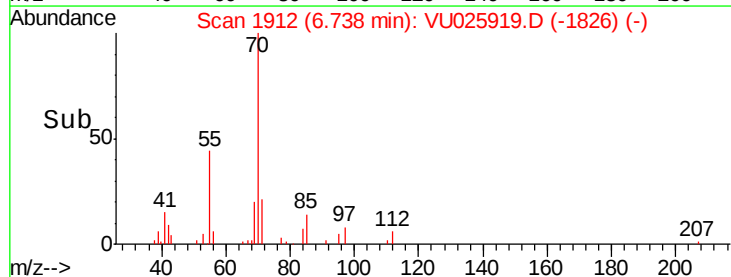
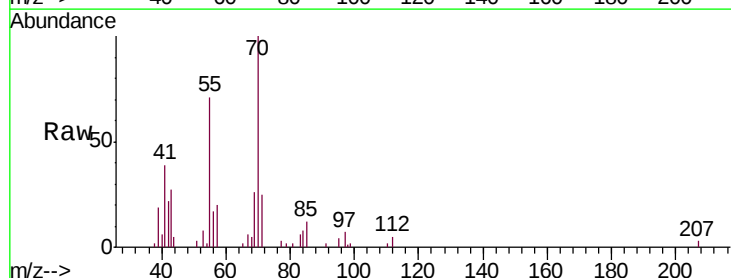
Tgt Ion: 83 Resp: 1012

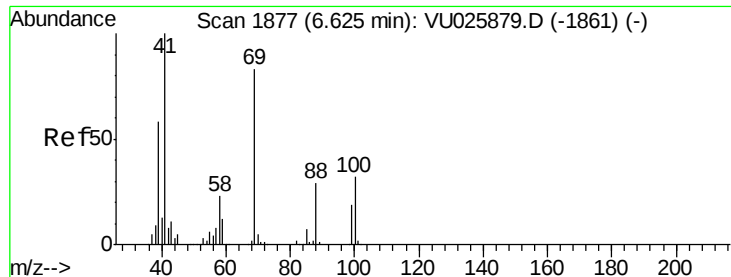
Ion Ratio Lower Upper

83 100

85 214.7 50.2 75.4#

127 0.0 7.2 10.8#

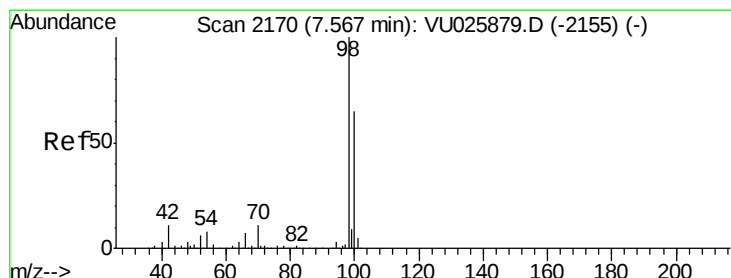
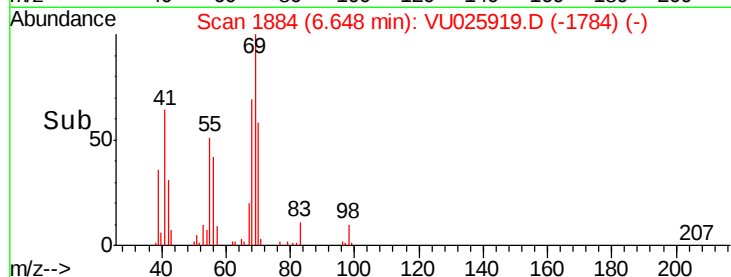
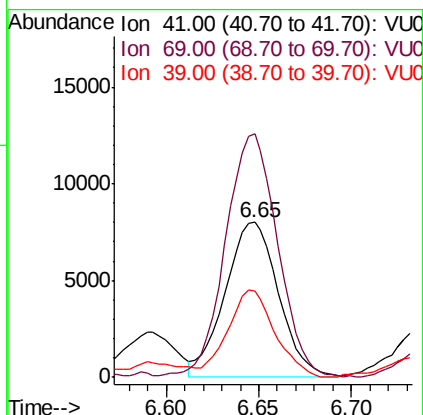
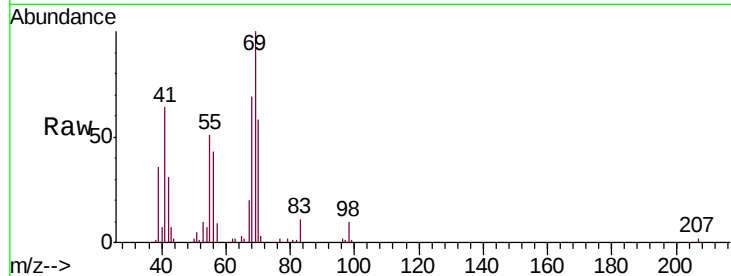




#48
Methyl methacrylate
Concen: 4.983 ug/l
RT: 6.65 min Scan# 1884
Delta R.T. 0.02 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

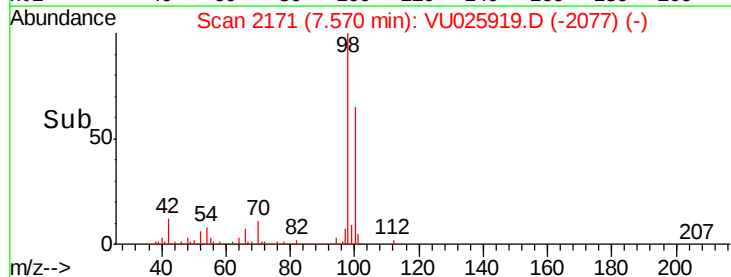
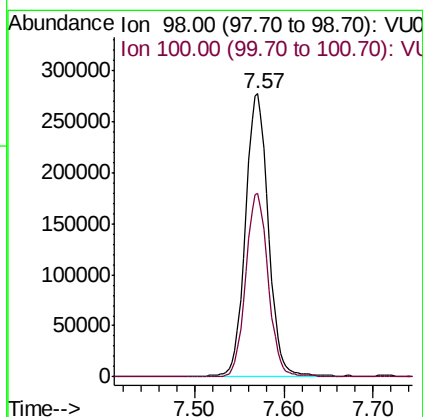
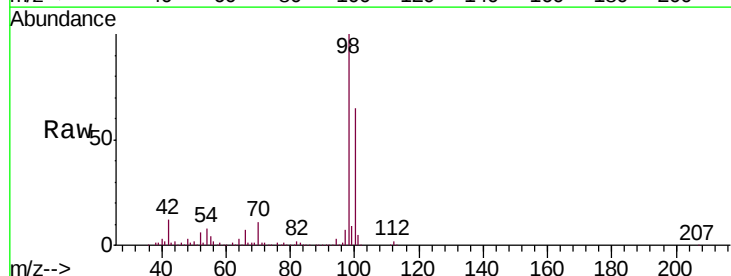
Instrument :
MSVOA_U
ClientSampleId :
FL-0535

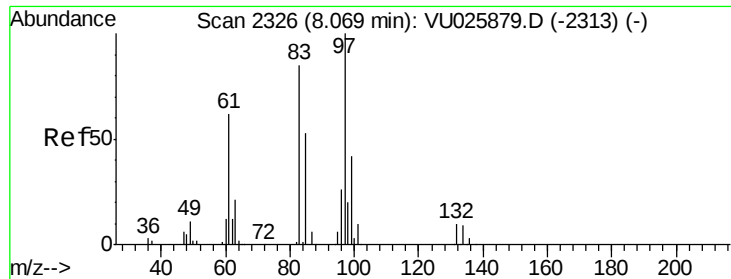
Tgt Ion: 41 Resp: 16124
Ion Ratio Lower Upper
41 100
69 152.4 65.0 97.4#
39 49.7 46.4 69.6



#50
Toluene-d8
Concen: 49.346 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

Tgt Ion: 98 Resp: 495123
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7

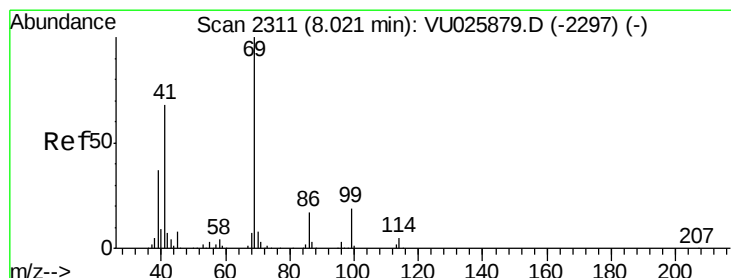
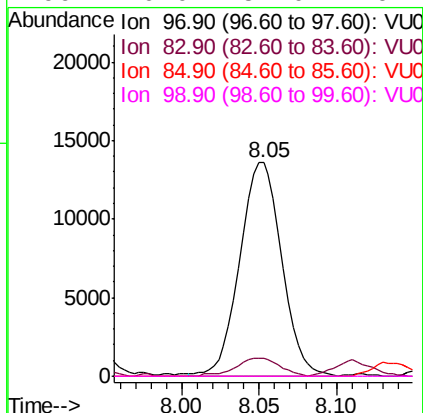
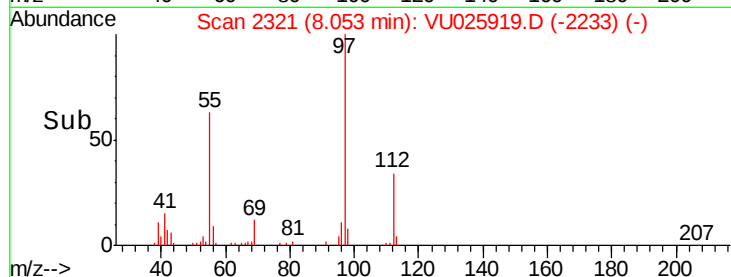
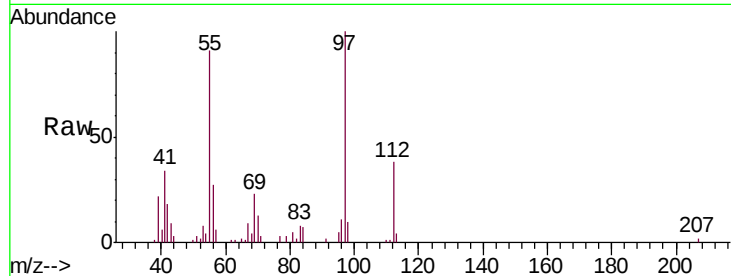




#55
 1,1,2-Trichloroethane
 Concen: 8.846 ug/l
 RT: 8.05 min Scan# 2321
 Delta R.T. -0.02 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

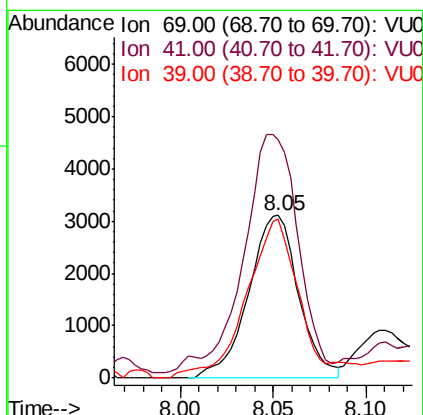
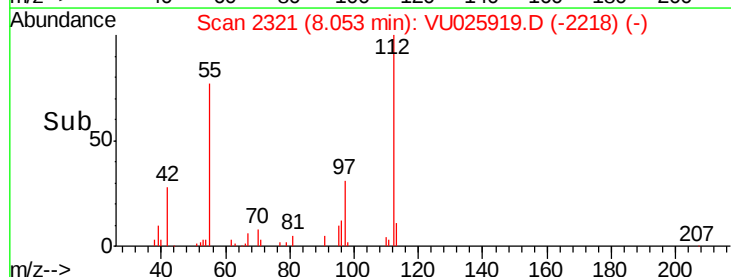
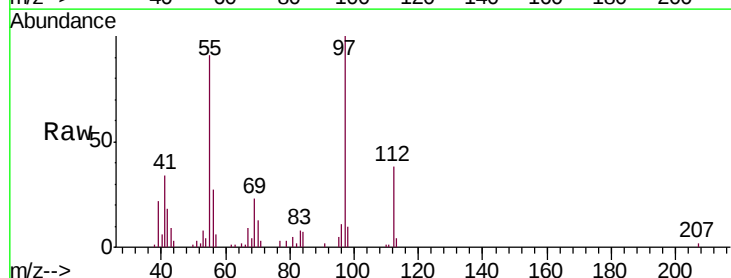
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0535

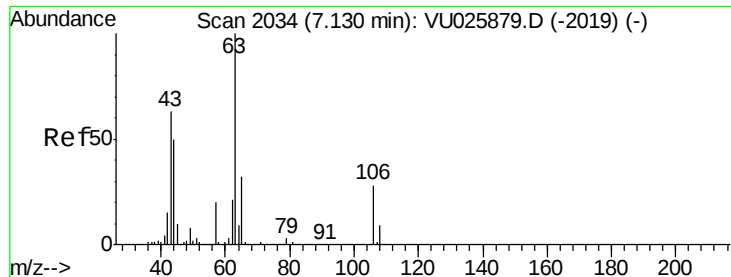
Tgt Ion: 97 Resp: 25719
 Ion Ratio Lower Upper
 97 100
 83 8.5 68.9 103.3#
 85 0.0 44.4 66.6#
 99 0.0 51.0 76.4#



#56
 Ethyl methacrylate
 Concen: 1.407 ug/l
 RT: 8.05 min Scan# 2321
 Delta R.T. 0.03 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

Tgt Ion: 69 Resp: 5846
 Ion Ratio Lower Upper
 69 100
 41 157.5 54.8 82.2#
 39 100.4 31.1 46.7#

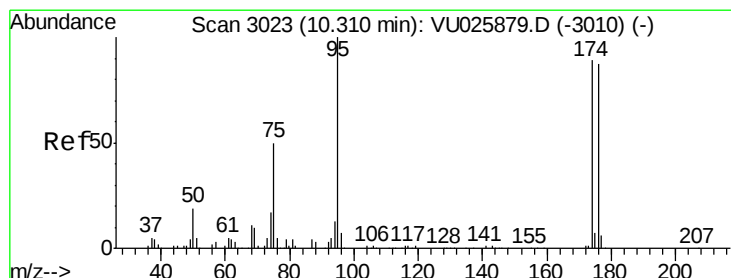
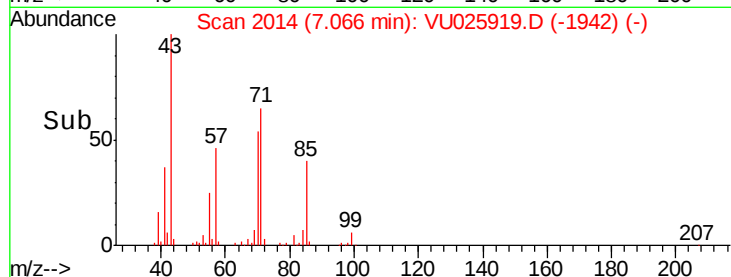
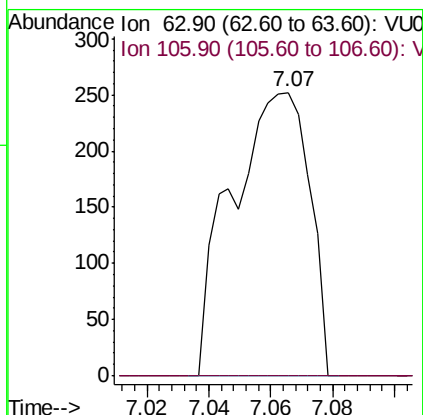
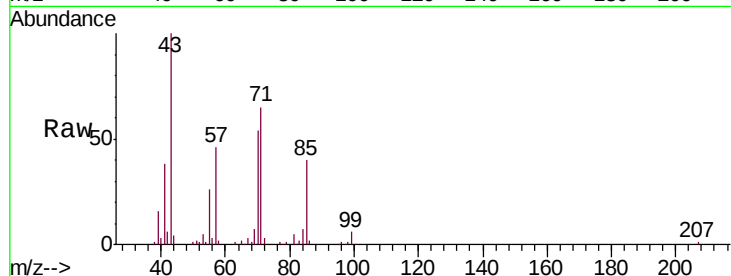




#58
 2-Chloroethyl Vinyl ether
 Concen: 7.304 ug/l
 RT: 7.07 min Scan# 2014
 Delta R.T. -0.07 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

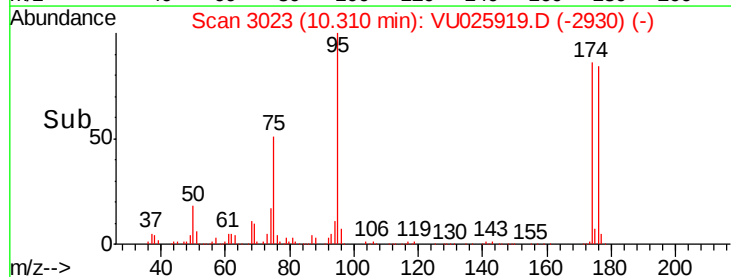
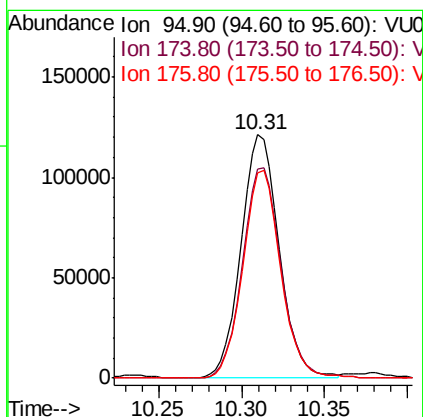
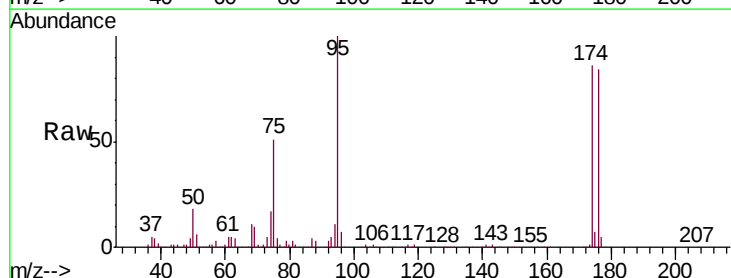
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0535

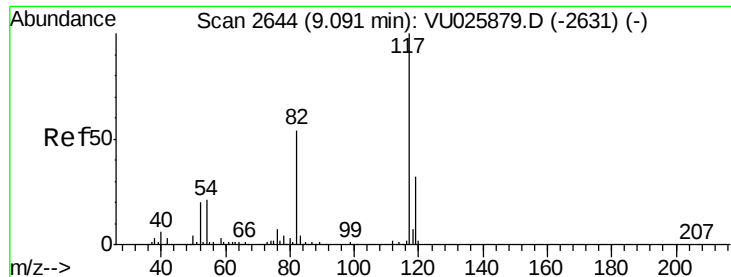
Tgt Ion: 63 Resp: 440
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.3 33.5#



#62
 4-Bromofluorobenzene
 Concen: 49.570 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

Tgt Ion: 95 Resp: 193052
 Ion Ratio Lower Upper
 95 100
 174 87.8 0.0 172.2
 176 85.1 0.0 162.6

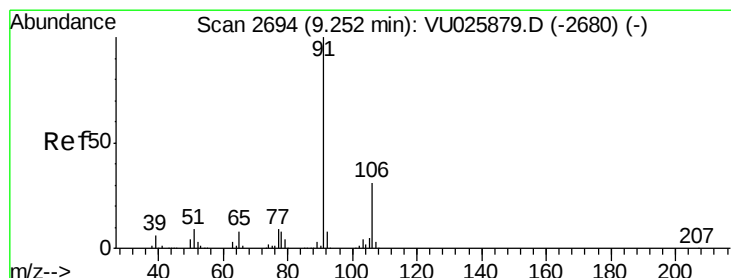
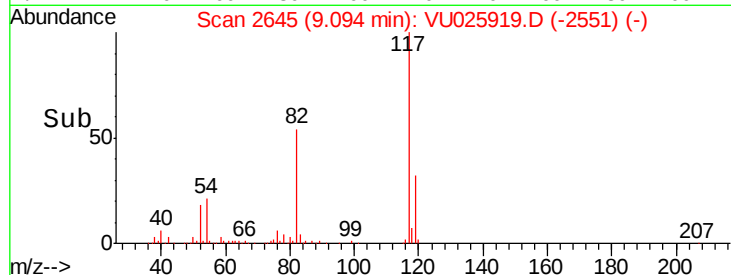
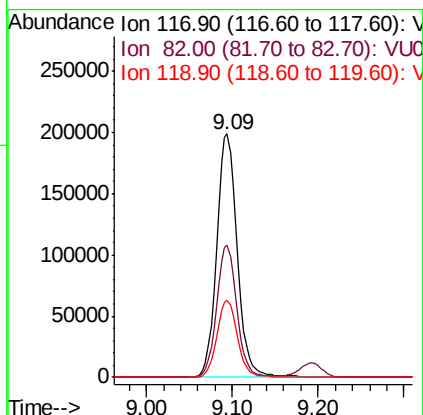
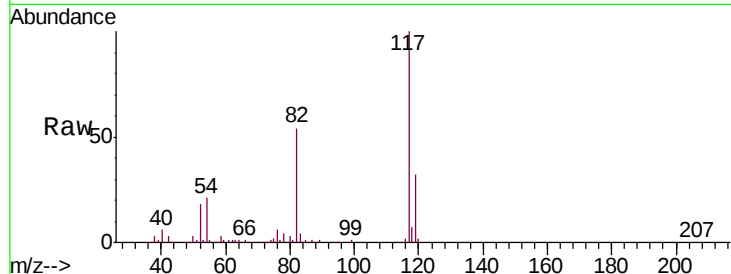




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

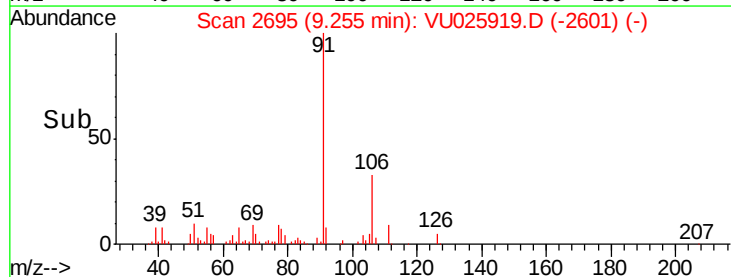
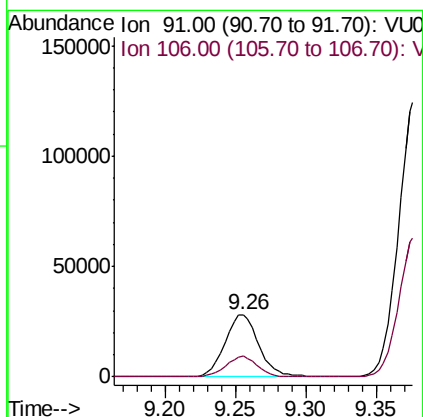
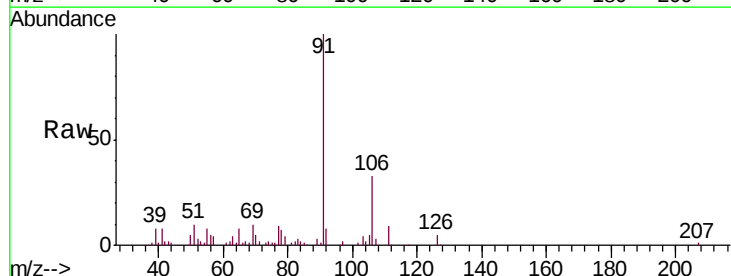
Instrument :
MSVOA_U
ClientSampleId :
FL-0535

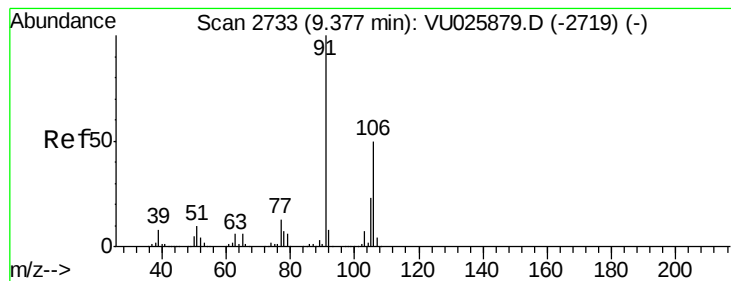
Tgt Ion: 117 Resp: 330752
Ion Ratio Lower Upper
117 100
82 54.0 46.0 69.0
119 31.8 26.0 39.0



#67
Ethyl Benzene
Concen: 3.369 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

Tgt Ion: 91 Resp: 47594
Ion Ratio Lower Upper
91 100
106 32.7 25.3 37.9





#68

m/p-Xylenes

Concen: 20.002 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025919.D

Acq: 07 Aug 2018 05:01

Instrument :

MSVOA_U

ClientSampleId :

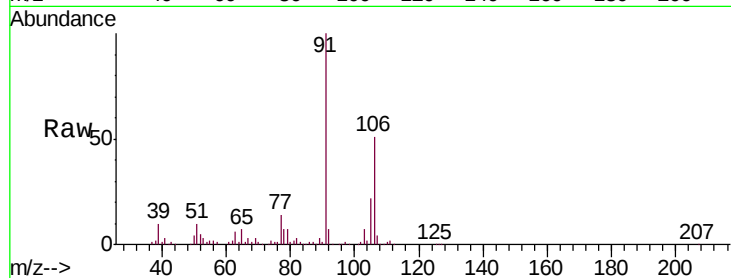
FL-0535

Tgt Ion:106 Resp: 108472

Ion Ratio Lower Upper

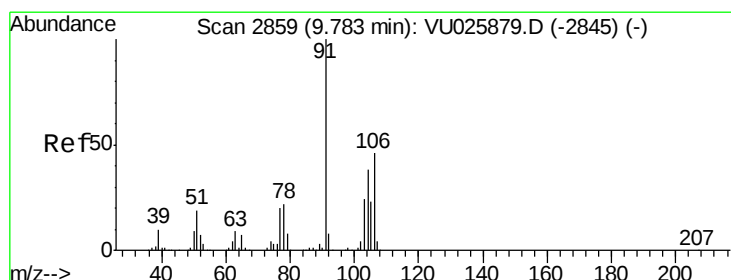
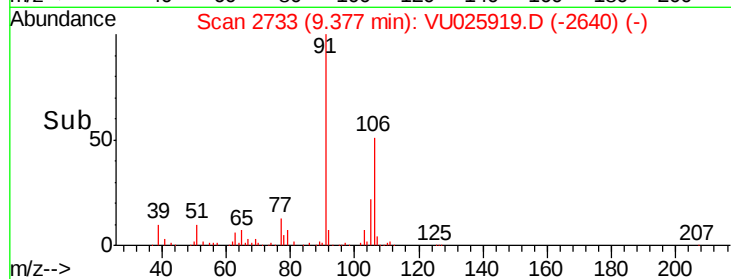
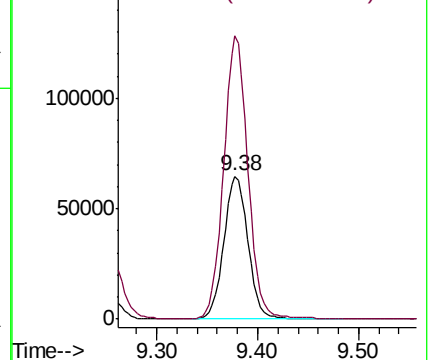
106 100

91 197.7 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#69

o-Xylene

Concen: 13.970 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU025919.D

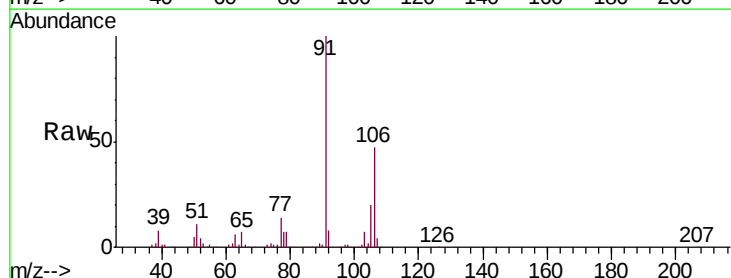
Acq: 07 Aug 2018 05:01

Tgt Ion:106 Resp: 74044

Ion Ratio Lower Upper

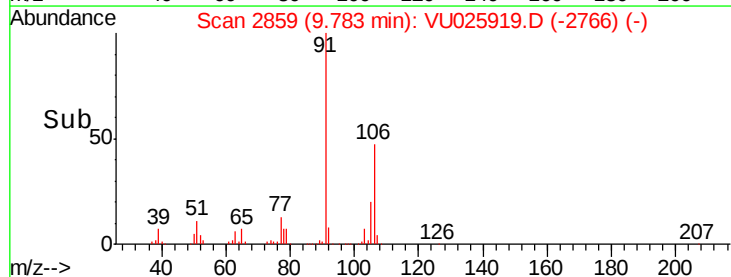
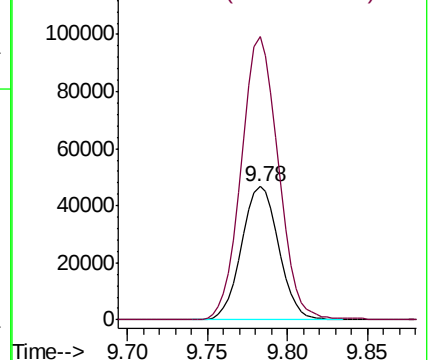
106 100

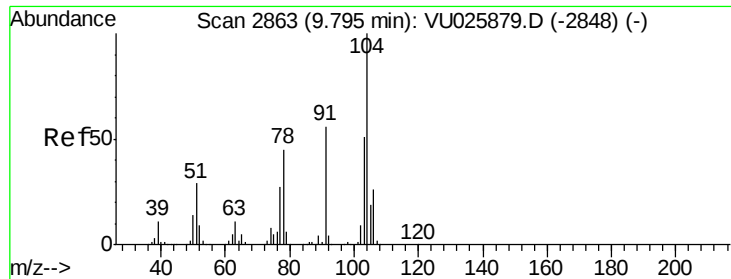
91 209.7 105.3 315.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#70

Styrene

Concen: 0.457 ug/l

RT: 9.79 min Scan# 2860

Delta R.T. -0.01 min

Lab File: VU025919.D

Acq: 07 Aug 2018 05:01

Instrument :

MSVOA_U

ClientSampleId :

FL-0535

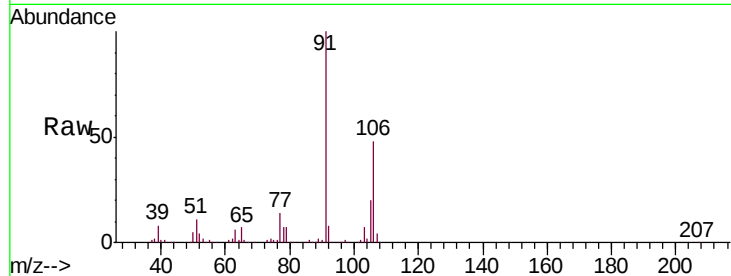
Tgt Ion:104 Resp: 3916

Ion Ratio Lower Upper

104 100

78 293.3 41.6 62.4#

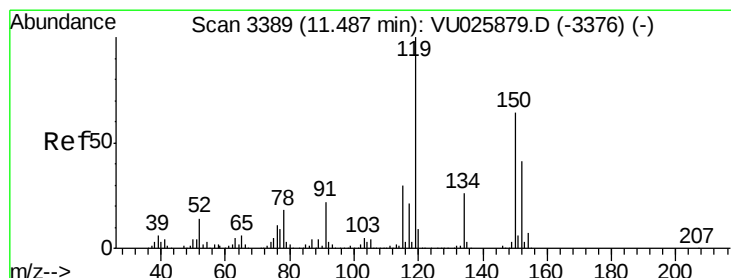
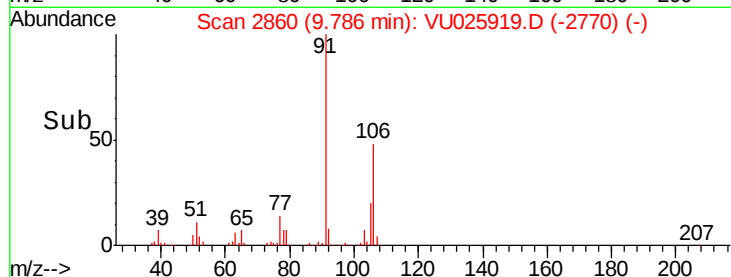
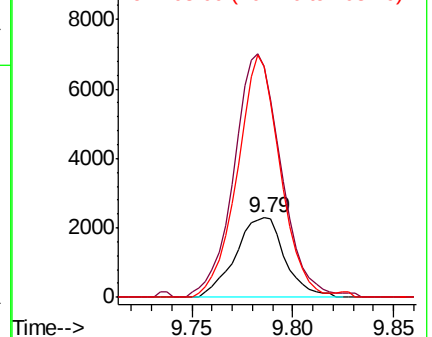
103 265.0 44.6 66.8#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025919.D

Acq: 07 Aug 2018 05:01

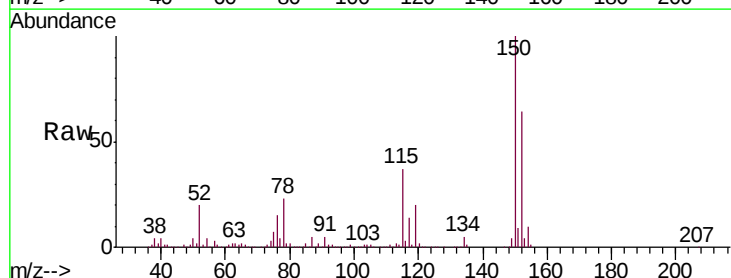
Tgt Ion:152 Resp: 211384

Ion Ratio Lower Upper

152 100

115 59.4 40.1 120.3

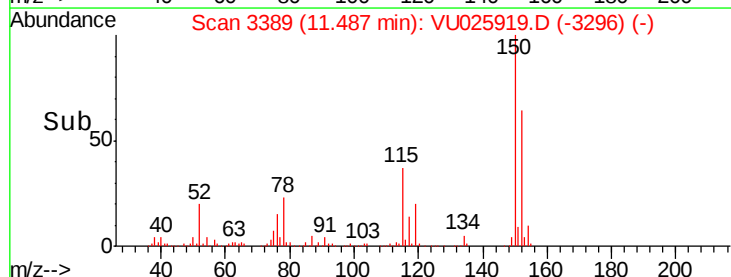
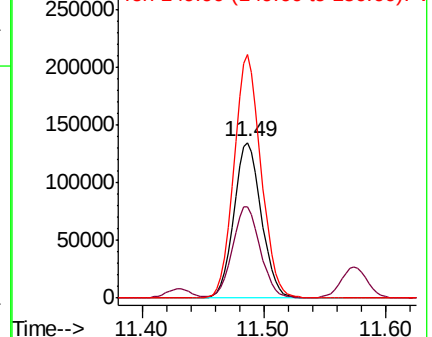
150 154.5 0.0 351.4

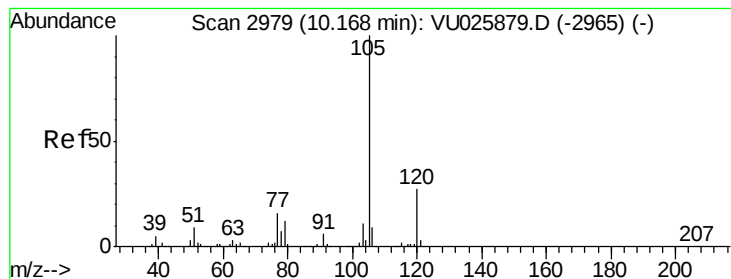


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 13.122 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025919.D

Acq: 07 Aug 2018 05:01

Instrument :

MSVOA_U

ClientSampleId :

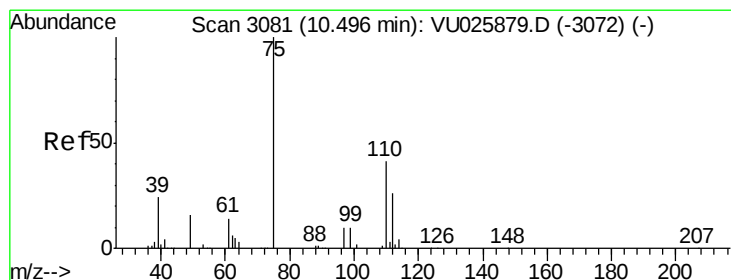
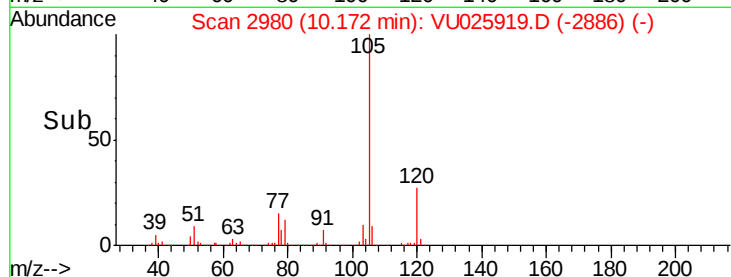
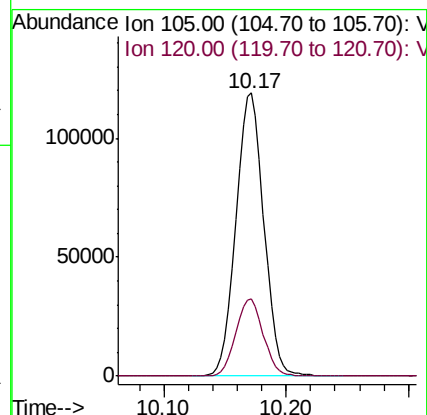
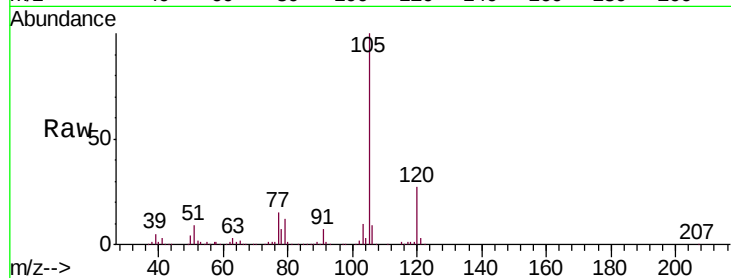
FL-0535

Tgt Ion:105 Resp: 189322

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#76

1,2,3-Trichloropropane

Concen: 21.373 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025919.D

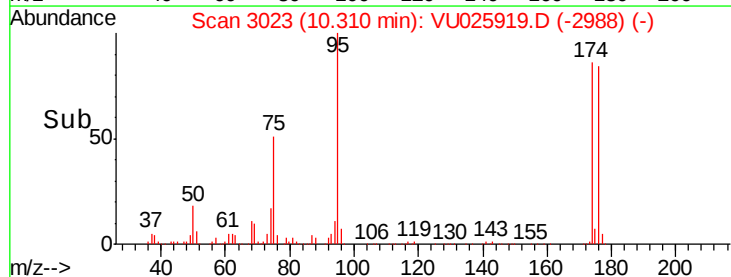
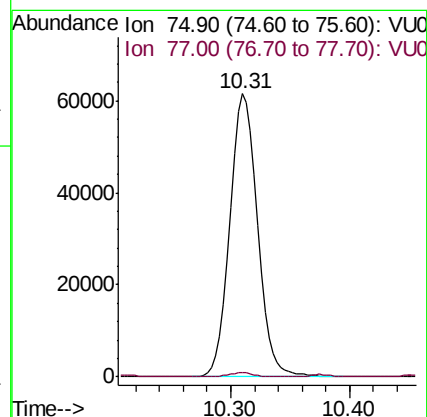
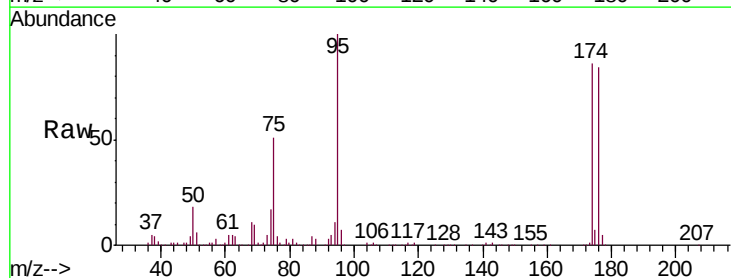
Acq: 07 Aug 2018 05:01

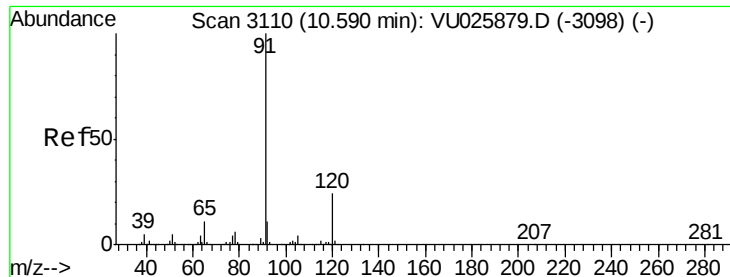
Tgt Ion: 75 Resp: 99542

Ion Ratio Lower Upper

75 100

77 0.0 20.4 61.3#

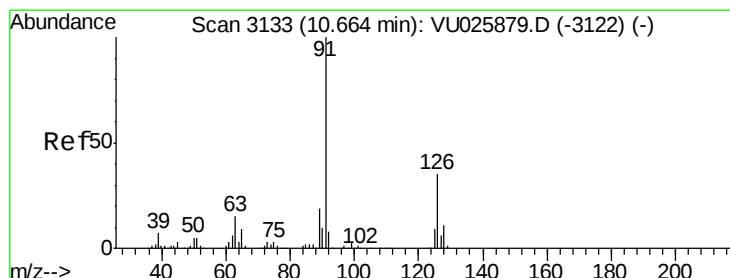
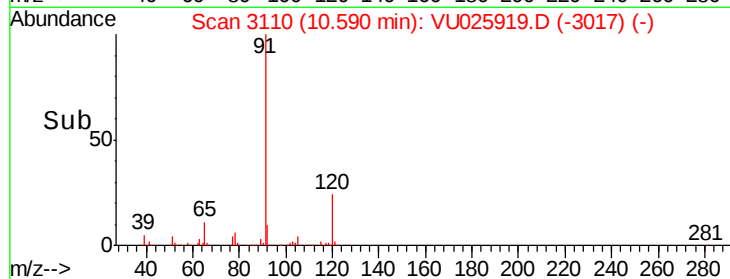
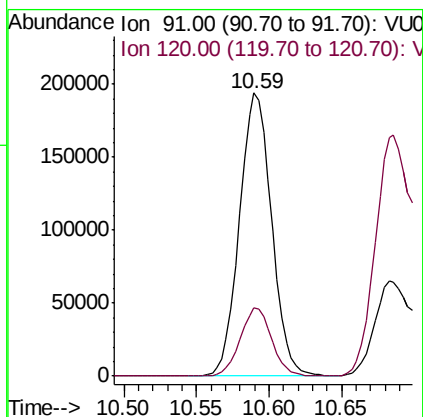
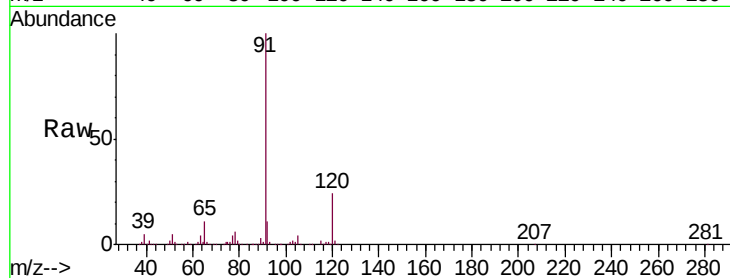




#78
n-propylbenzene
Concen: 17.838 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. 0.00 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

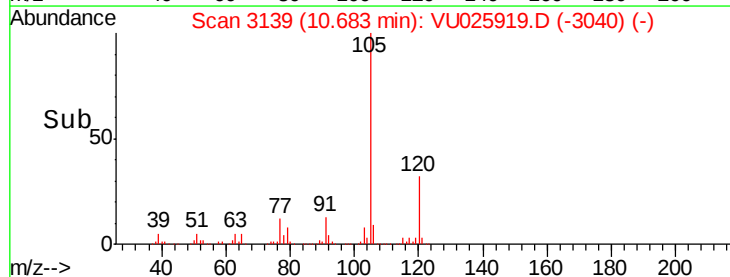
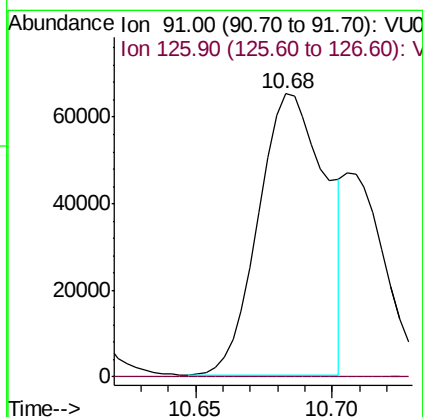
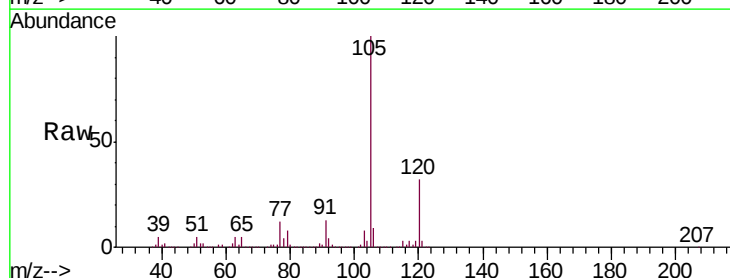
Instrument :
MSVOA_U
ClientSampleId :
FL-0535

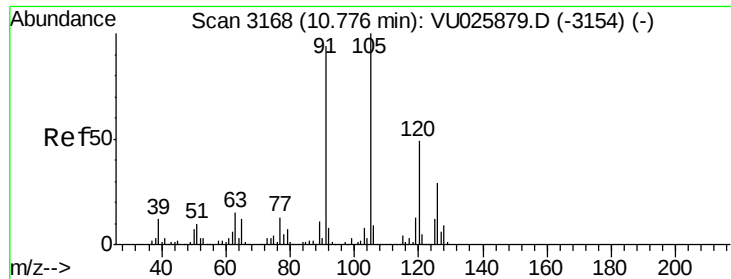
Tgt Ion: 91 Resp: 300371
Ion Ratio Lower Upper
91 100
120 23.6 11.8 35.3



#79
2-Chlorotoluene
Concen: 11.371 ug/l
RT: 10.68 min Scan# 3139
Delta R.T. 0.02 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

Tgt Ion: 91 Resp: 112158
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.6#

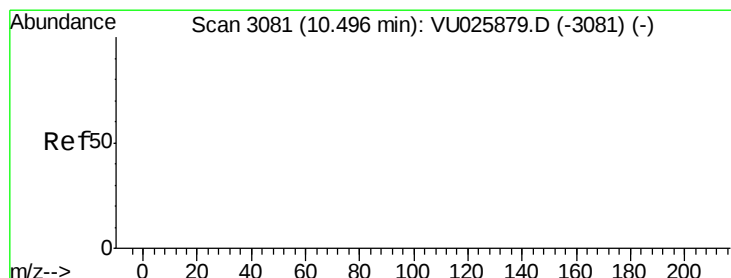
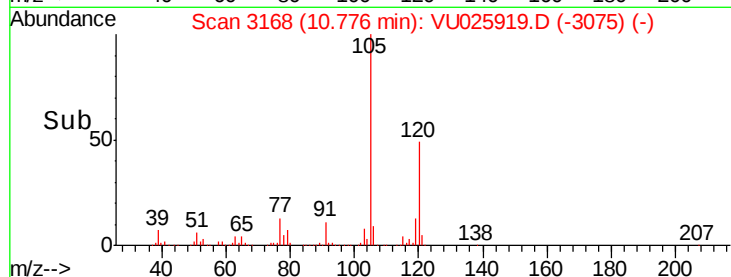
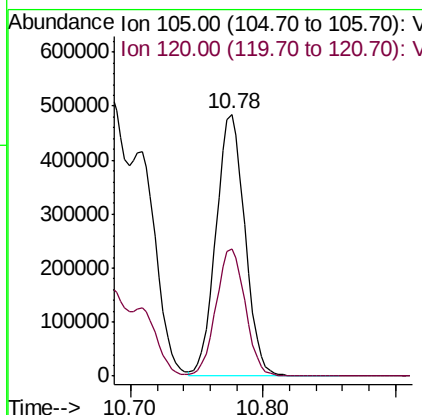
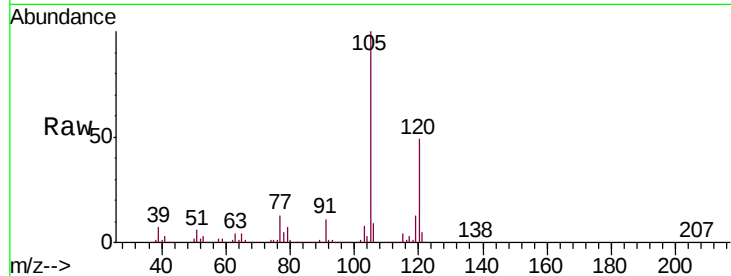




#80
 1,3,5-Trimethylbenzene
 Concen: 59.981 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

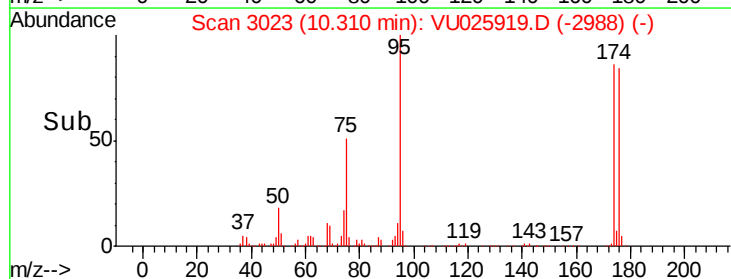
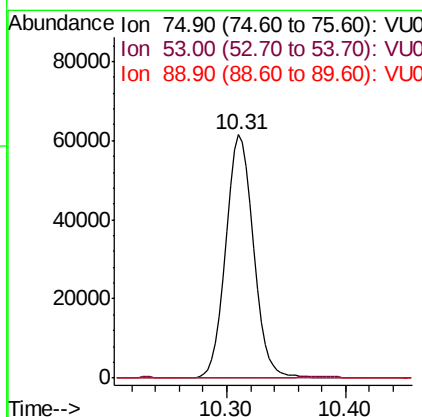
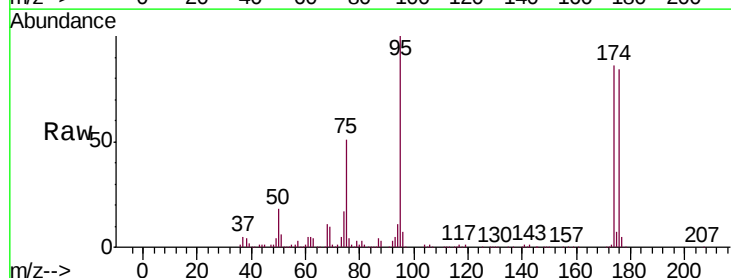
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0535

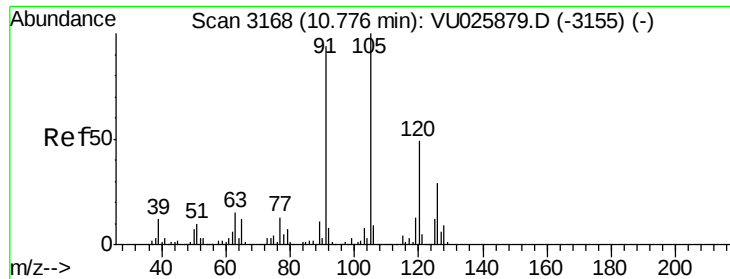
Tgt Ion:105 Resp: 734940
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.592 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

Tgt Ion: 75 Resp: 99542
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

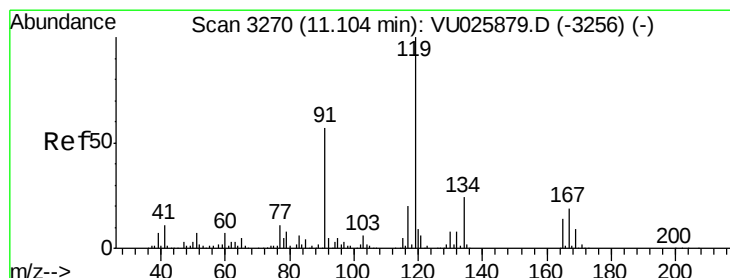
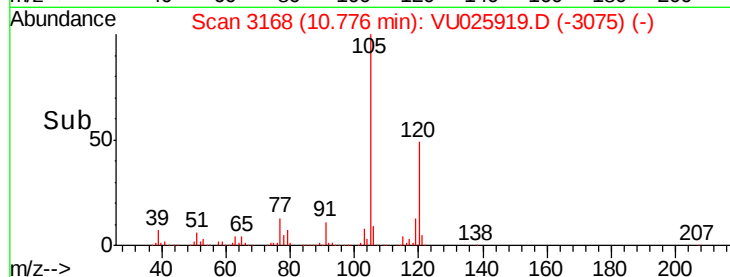
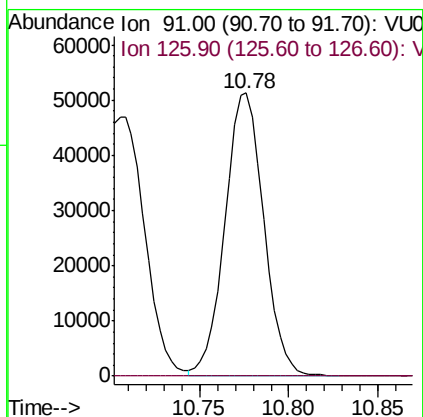
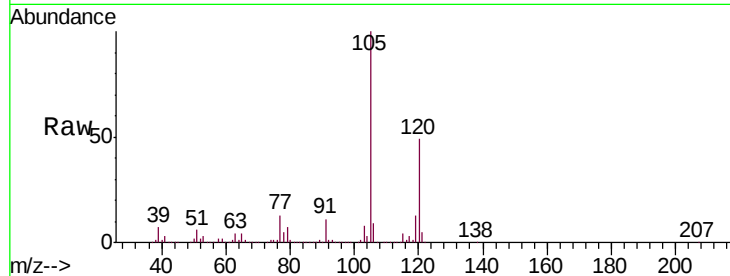




#82
4-Chlorotoluene
Concen: 6.611 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

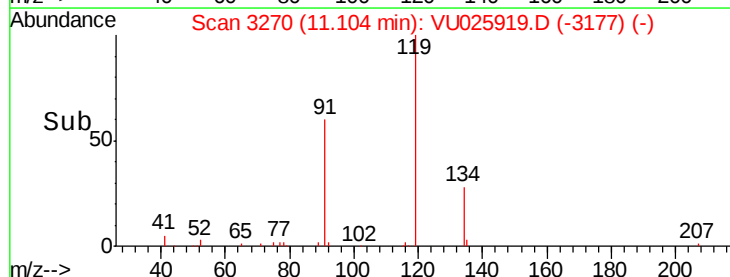
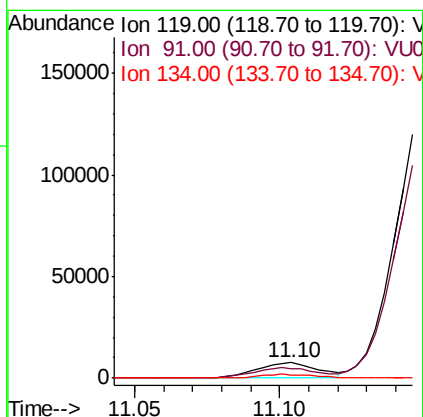
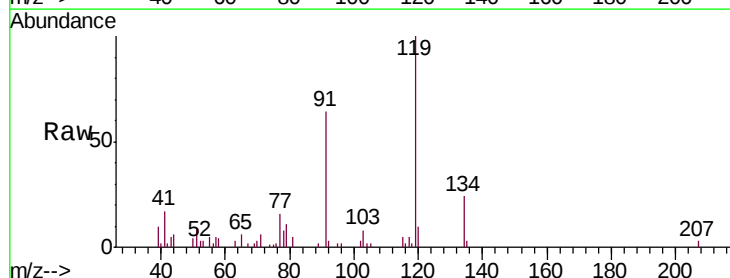
Instrument :
MSVOA_U
ClientSampleId :
FL-0535

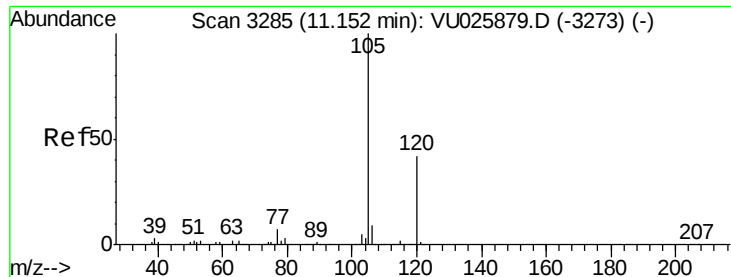
Tgt Ion: 91 Resp: 76858
Ion Ratio Lower Upper
91 100
126 0.0 15.3 45.9#



#83
tert-Butylbenzene
Concen: 0.928 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

Tgt Ion: 119 Resp: 11303
Ion Ratio Lower Upper
119 100
91 67.1 29.7 89.1
134 24.1 11.5 34.5

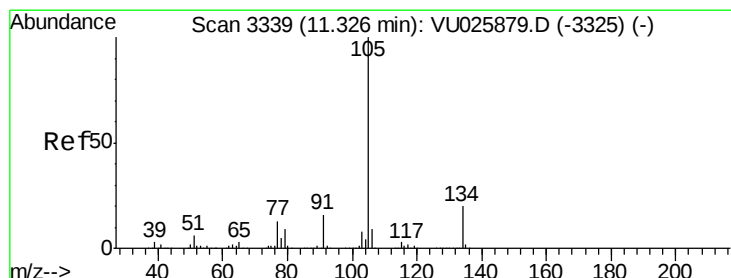
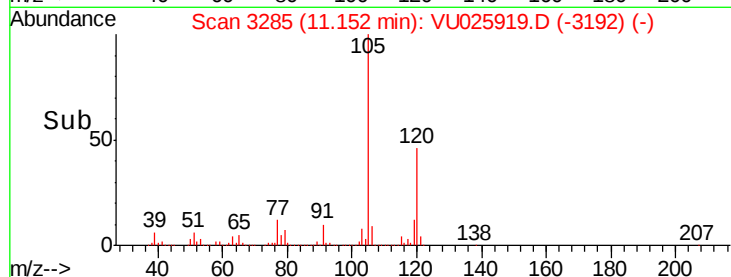
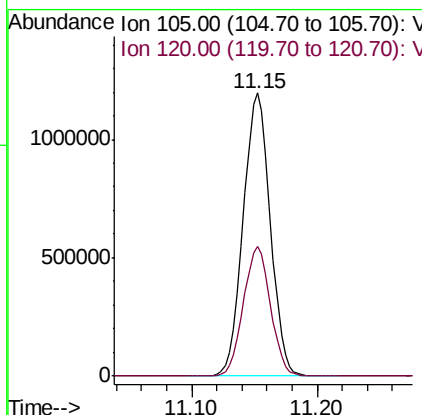
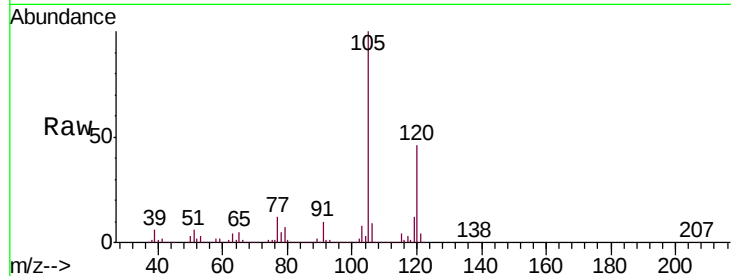




#84
 1,2,4-Trimethylbenzene
 Concen: 144.562 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

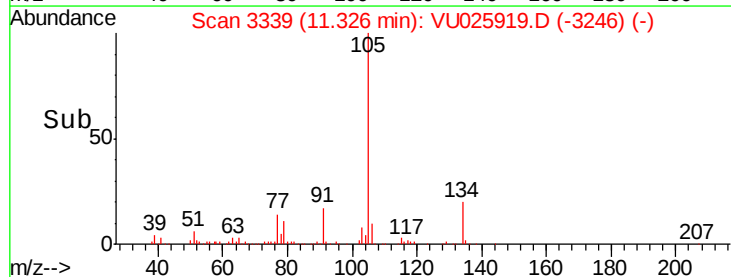
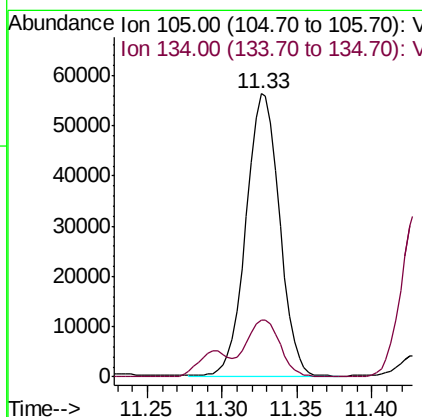
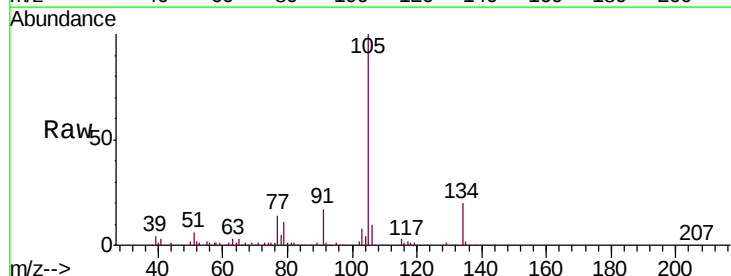
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0535

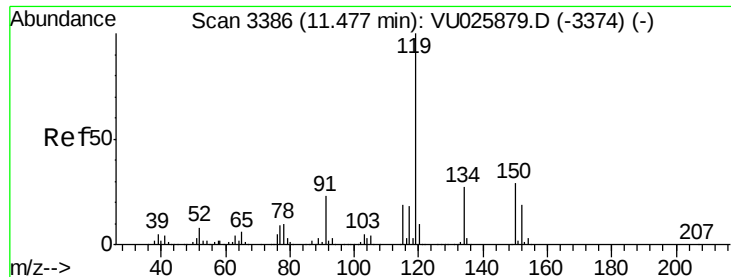
Tgt Ion:105 Resp: 1794960
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 5.882 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

Tgt Ion:105 Resp: 87427
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8

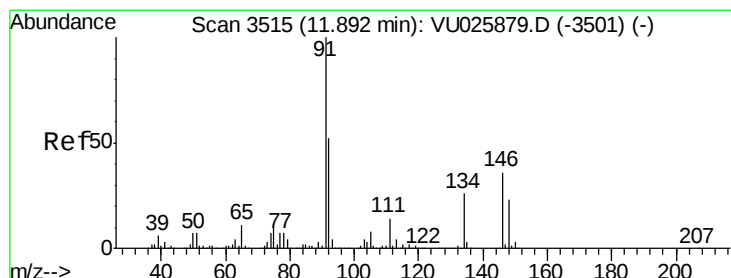
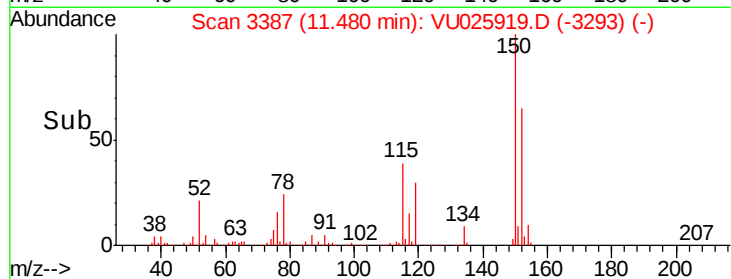
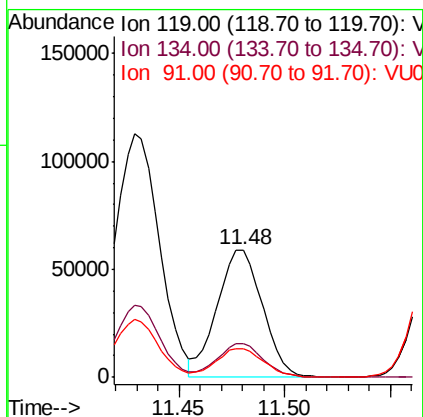
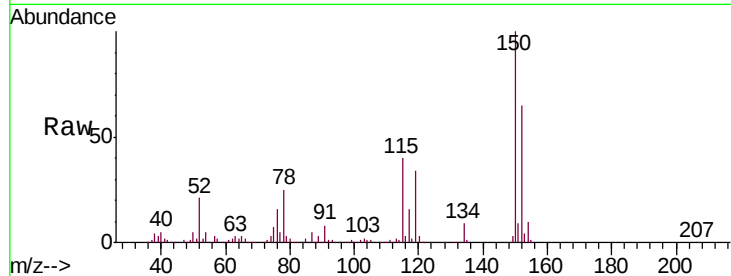




#86
p-Isopropyltoluene
Concen: 6.644 ug/l
RT: 11.48 min Scan# 3387
Delta R.T. 0.00 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

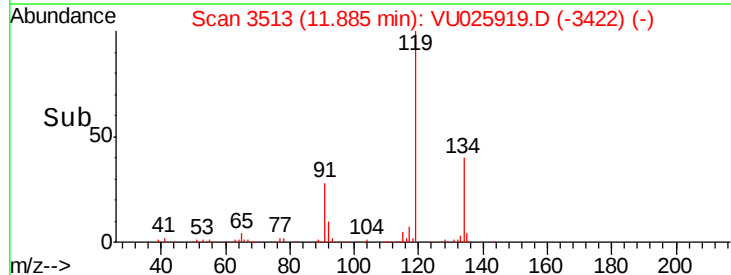
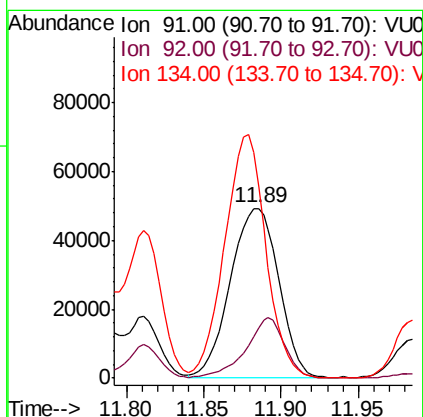
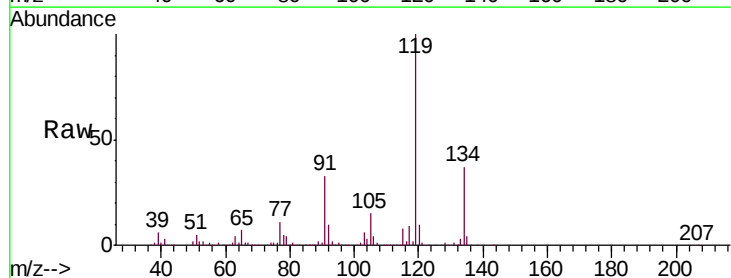
Instrument :
MSVOA_U
ClientSampled :
FL-0535

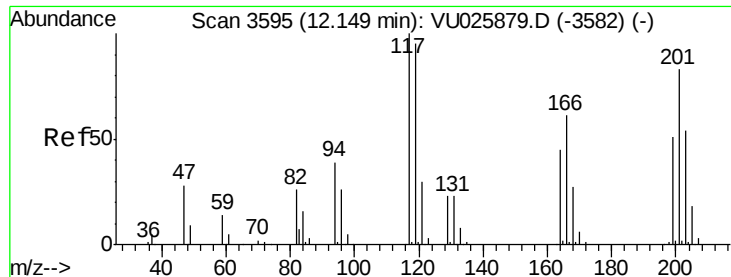
Tgt Ion: 119 Resp: 88428
Ion Ratio Lower Upper
119 100
134 26.7 13.2 39.5
91 23.8 12.0 36.1



#89
n-Butylbenzene
Concen: 8.655 ug/l
RT: 11.89 min Scan# 3513
Delta R.T. -0.01 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

Tgt Ion: 91 Resp: 106301
Ion Ratio Lower Upper
91 100
92 28.9 26.5 79.5
134 123.0 13.6 40.7#

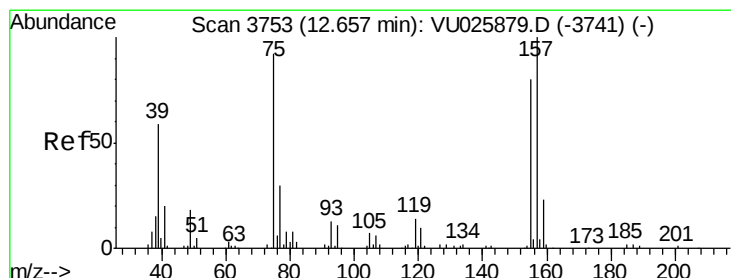
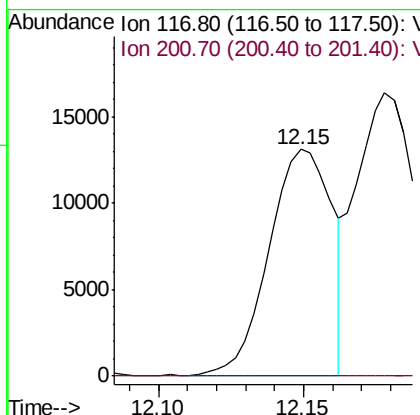
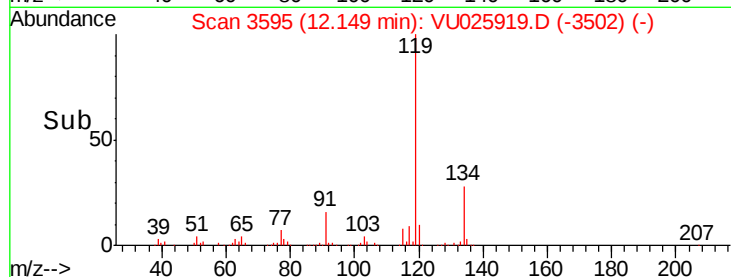
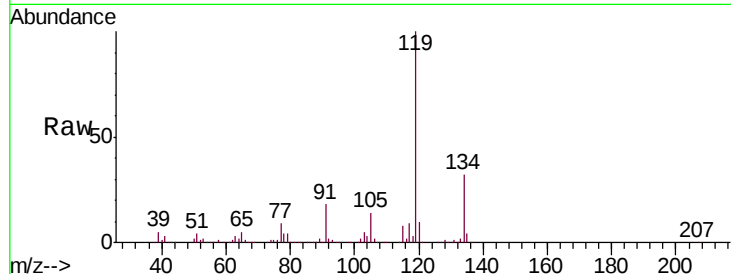




#90
Hexachloroethane
Concen: 8.394 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

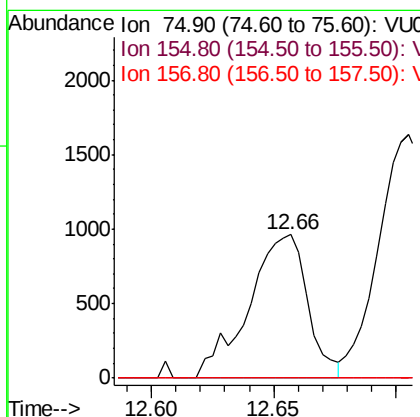
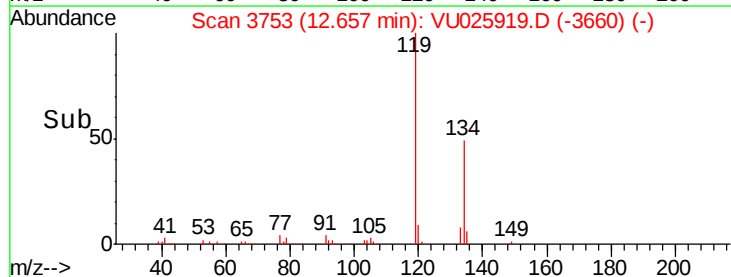
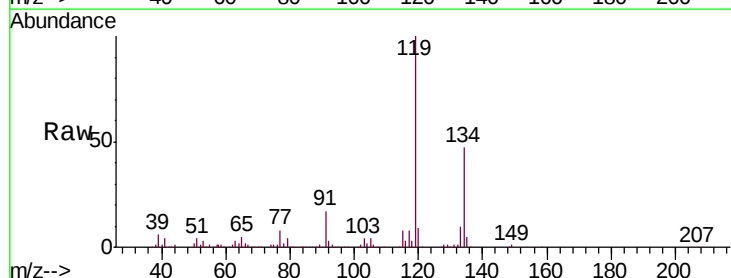
Instrument :
MSVOA_U
ClientSampleId :
FL-0535

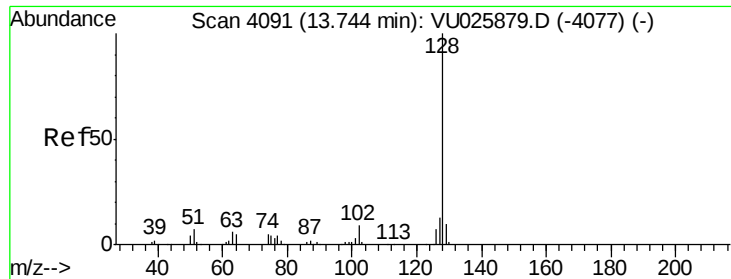
Tgt Ion:117 Resp: 19862
Ion Ratio Lower Upper
117 100
201 0.0 42.5 127.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.366 ug/l
RT: 12.66 min Scan# 3753
Delta R.T. 0.00 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

Tgt Ion: 75 Resp: 1616
Ion Ratio Lower Upper
75 100
155 0.0 44.5 133.3#
157 0.0 57.0 170.8#

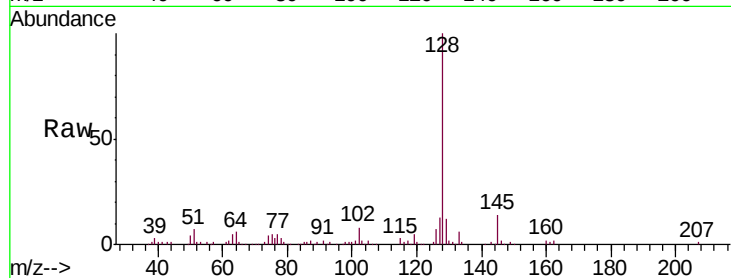




#95
Naphthalene
Concen: 6.653 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

Instrument :
MSVOA_U
ClientSampleId :
FL-0535

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.5	15.7
129	13.3	8.3	12.5



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

