

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120518\
 Data File : VU028478.D
 Acq On : 05 Dec 2018 14:25
 Operator : MD/SY
 Sample : J6194-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OK-02-120418-A

Quant Time: Dec 06 01:33:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	392232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	718712	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	671797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	330117	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	301927	46.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.12%	
35) Dibromofluoromethane	4.88	113	89736	18.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.56%	
50) Toluene-d8	7.57	98	932609	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
62) 4-Bromofluorobenzene	10.30	95	348098	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

					Qvalue	
8) Diethyl Ether	2.11	74	1191	0.346	ug/l	91
11) Tert butyl alcohol	2.83	59	3111	2.089	ug/l	95
13) Acrolein	2.19	56	460	0.347	ug/l #	1
14) Allyl chloride	2.70	41	34772	3.176	ug/l #	31
16) Acetone	2.32	43	225066	56.127	ug/l	95
18) Methyl Acetate	2.70	43	11239	1.007	ug/l #	65
20) Methylene Chloride	2.70	84	645441	114.213	ug/l	90
25) 2-Butanone	4.28	43	8100	1.409	ug/l	96
31) Cyclohexane	4.98	56	12039	0.723	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	33415	4.249	ug/l #	50
37) Ethyl Acetate	4.28	43	8100	0.756	ug/l #	71
38) Carbon Tetrachloride	4.98	117	38462	5.955	ug/l #	16
39) Methylcyclohexane	6.42	83	4154	0.448	ug/l #	89
40) Benzene	5.39	78	13402	0.575	ug/l	99
51) 4-Methyl-2-Pentanone	7.47	43	7319	0.675	ug/l	98
52) Toluene	7.64	92	334519	24.939	ug/l	98
59) 2-Hexanone	8.31	43	26699	3.178	ug/l #	27
67) Ethyl Benzene	9.25	91	243987	9.287	ug/l	97
68) m/p-Xylenes	9.37	106	374845	39.639	ug/l	98
69) o-Xylene	9.78	106	142305	15.138	ug/l	95
70) Styrene	9.78	104	7438	0.491	ug/l #	1
73) Isopropylbenzene	10.16	105	18743	0.730	ug/l	100
76) 1,2,3-Trichloropropane	10.30	75	172979	18.896	ug/l #	33
78) n-propylbenzene	10.59	91	104733	3.307	ug/l	99
79) 2-Chlorotoluene	10.68	91	57121	3.059	ug/l #	44
80) 1,3,5-Trimethylbenzene	10.77	105	151250	6.991	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.30	75	172979	50.158	ug/l #	100
82) 4-Chlorotoluene	10.77	91	17161	0.798	ug/l #	51
83) tert-Butylbenzene	11.15	119	67022	3.323	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.15	105	566353	25.843	ug/l	99
85) sec-Butylbenzene	11.15	105	566353	21.619	ug/l #	59
86) p-Isopropyltoluene	11.42	119	6849	0.318	ug/l	97
89) n-Butylbenzene	11.88	91	18969	0.892	ug/l #	26
90) Hexachloroethane	12.14	117	2931	0.872	ug/l #	12

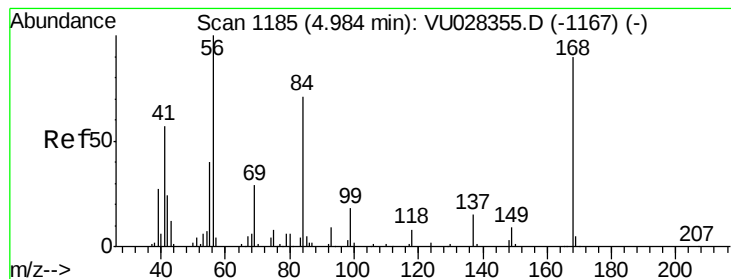
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU120518\
Data File : VU028478.D
Acq On : 05 Dec 2018 14:25
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Quant Time: Dec 06 01:33:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	1703	0.236	ug/l #	82
95) Naphthalene	13.74	128	189717	9.276	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

Instrument :

MSVOA_U

ClientSampleId :

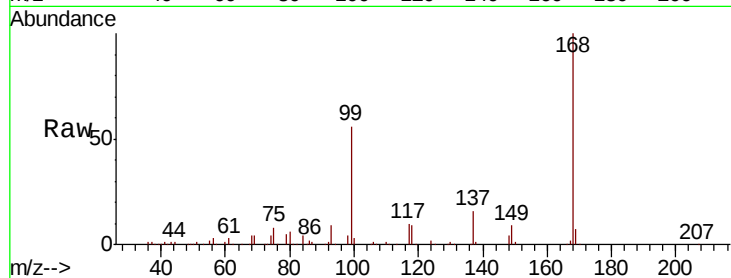
OK-02-120418-A

Tot Ion:168 Resp: 392232

Ion Ratio Lower Upper

168 100

99 56.0 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D

Ion 98.90 (98.60 to 99.60): VU028355.D

4.98

200000

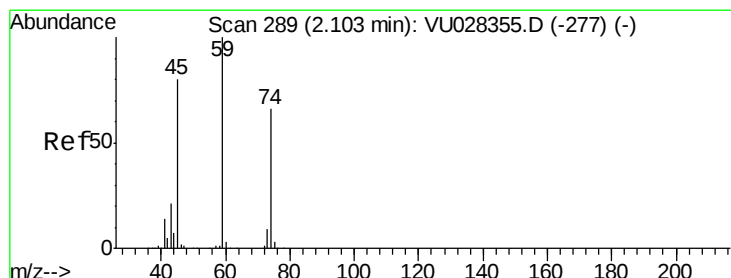
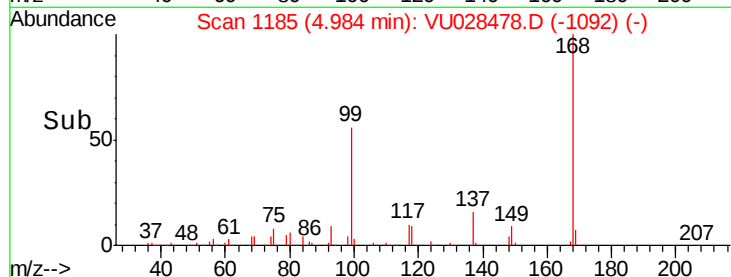
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 0.346 ug/l

RT: 2.11 min Scan# 290

Delta R.T. 0.00 min

Lab File: VU028478.D

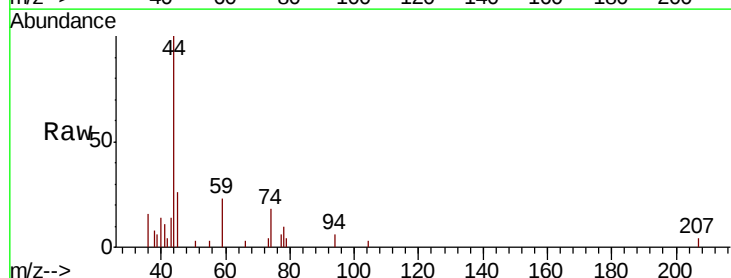
Acq: 05 Dec 2018 14:25

Tgt Ion: 74 Resp: 1191

Ion Ratio Lower Upper

74 100

45 115.4 63.0 189.1



Abundance Ion 74.00 (73.70 to 74.70): VU028355.D

Ion 45.00 (44.70 to 45.70): VU028355.D

2.11

1200

1000

800

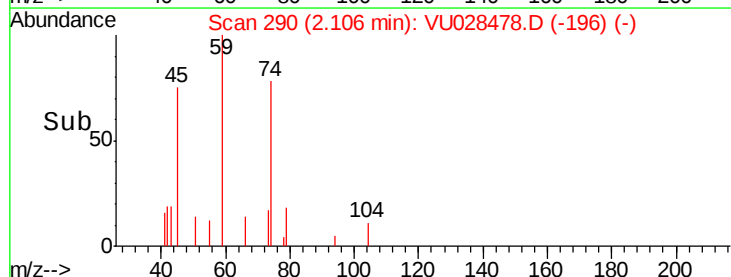
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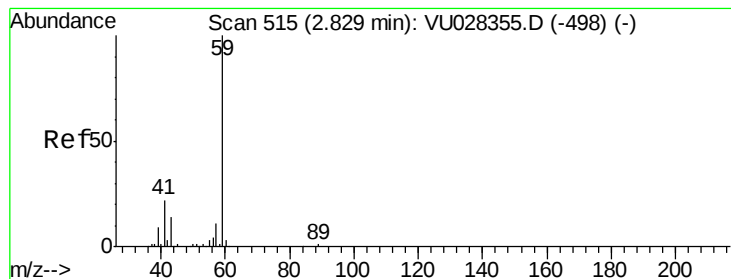
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200

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Time-->



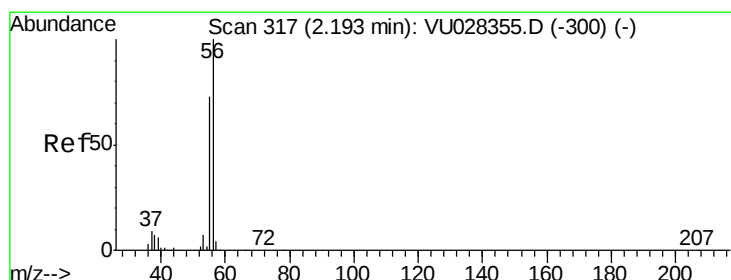
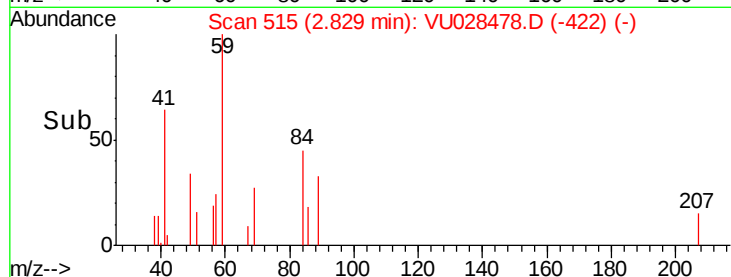
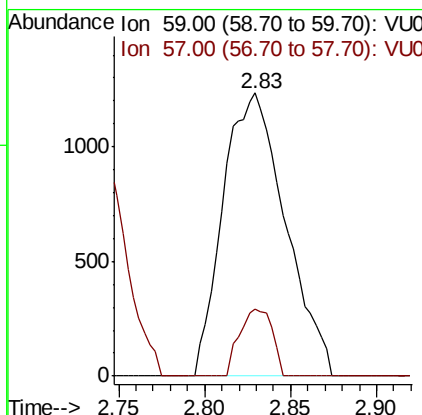
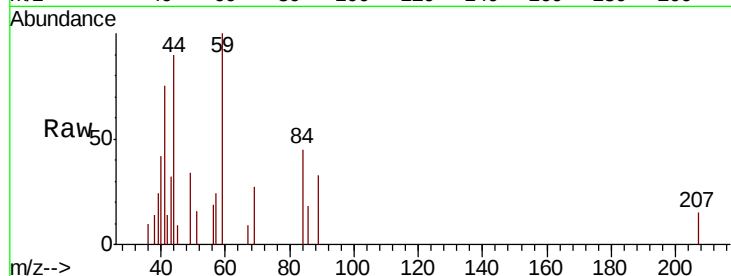


#11

Tert butyl alcohol
 Concen: 2.089 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: VU028478.D
 Acq: 05 Dec 2018 14:25

Instrument :
 MSVOA_U
 ClientSampleId :
 OK-02-120418-A

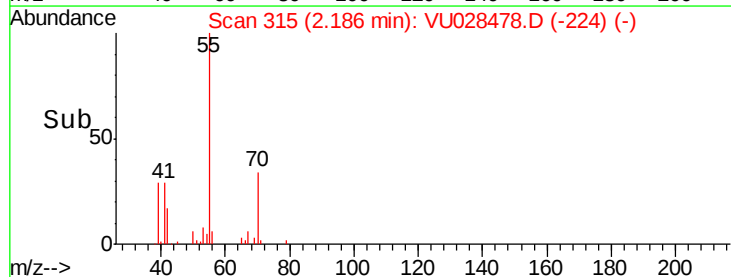
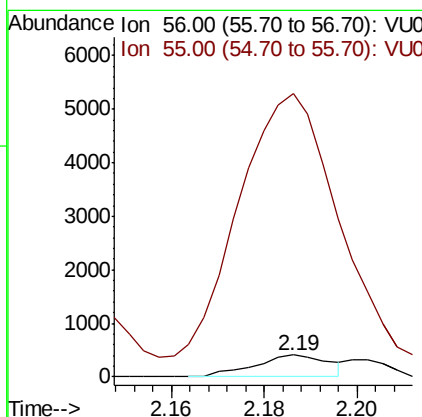
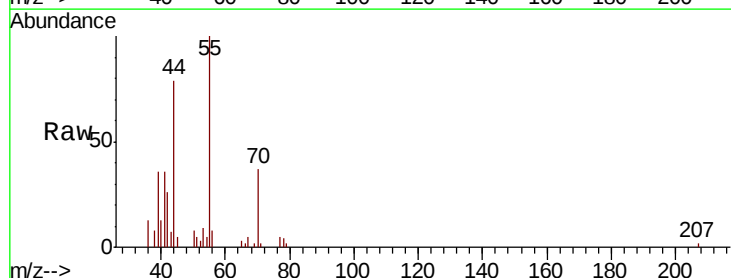
Tot Ion: 59 Resp: 3111
 Ion Ratio Lower Upper
 59 100
 57 12.4 8.3 12.5

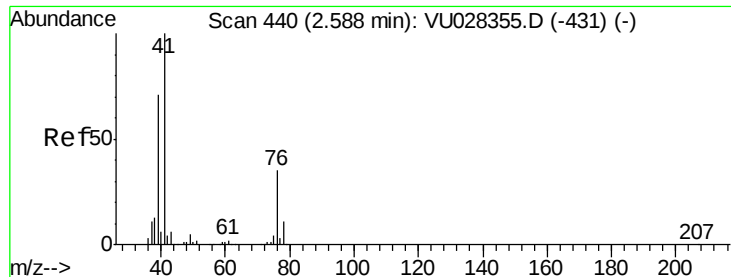


#13

Acrolein
 Concen: 0.347 ug/l
 RT: 2.19 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VU028478.D
 Acq: 05 Dec 2018 14:25

Tgt Ion: 56 Resp: 460
 Ion Ratio Lower Upper
 56 100
 55 1890.4 56.6 85.0#





#14

Allvl chloride

Concen: 3.176 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.12 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

Instrument :

MSVOA_U

ClientSampleId :

OK-02-120418-A

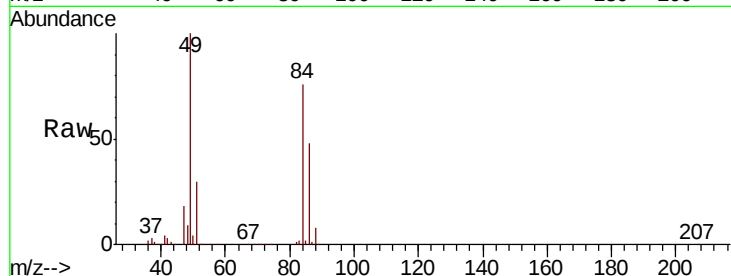
Tot Ion: 41 Resp: 34772

Ion Ratio Lower Upper

41 100

39 4.8 51.6 77.4#

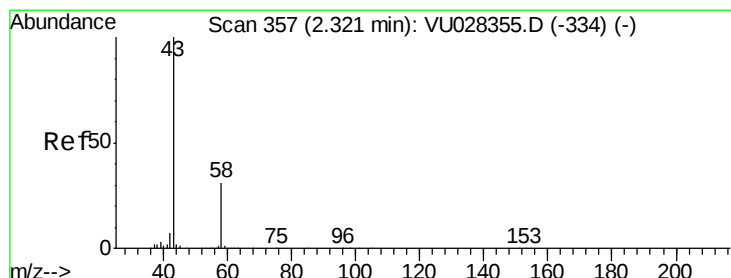
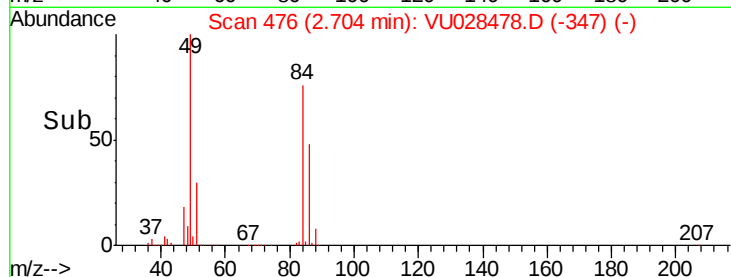
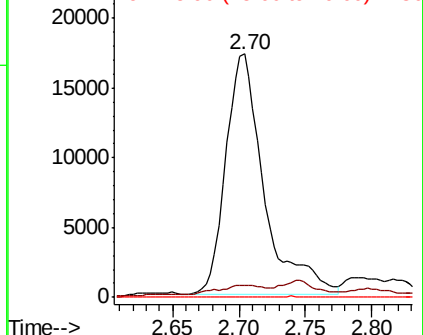
76 0.0 24.4 36.6#



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



#16

Acetone

Concen: 56.127 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028478.D

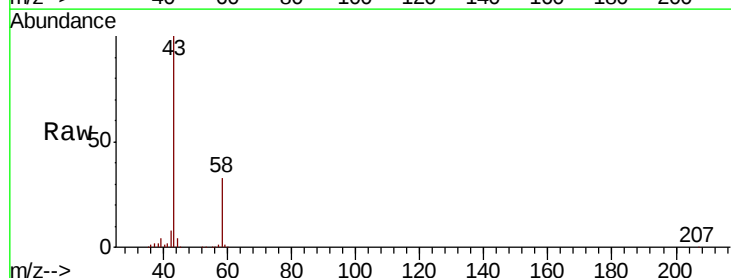
Acq: 05 Dec 2018 14:25

Tgt Ion: 43 Resp: 225066

Ion Ratio Lower Upper

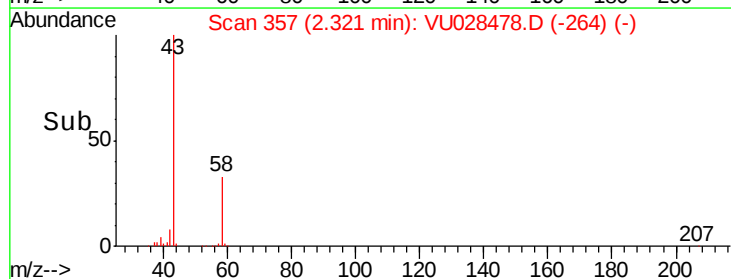
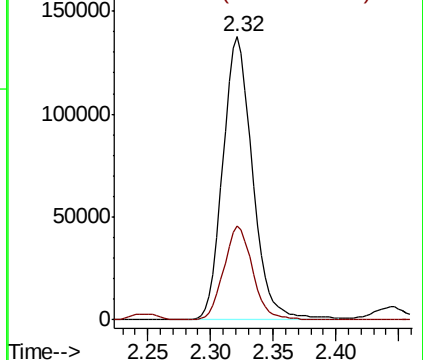
43 100

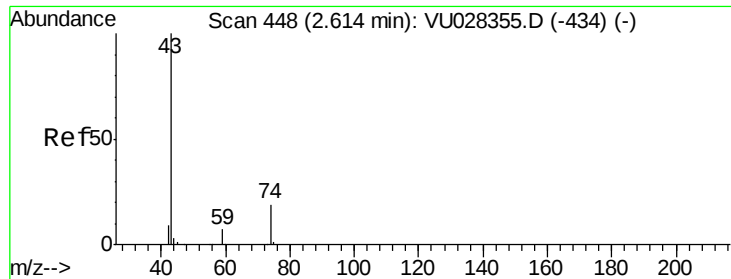
58 33.1 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

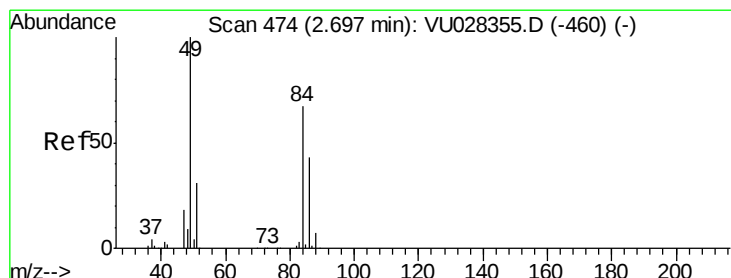
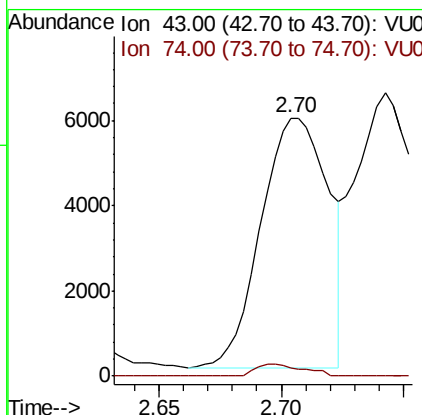
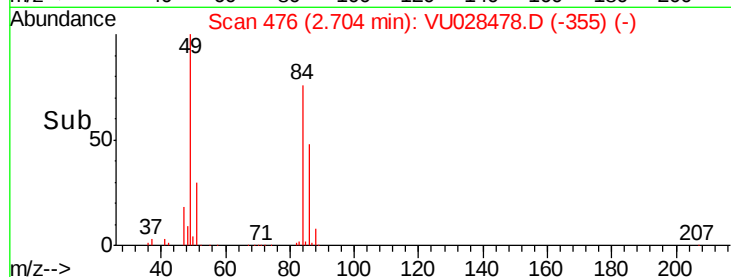
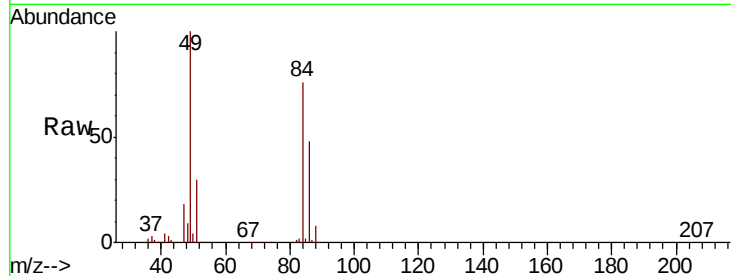




#18
Methyl Acetate
Concen: 1.007 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.09 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

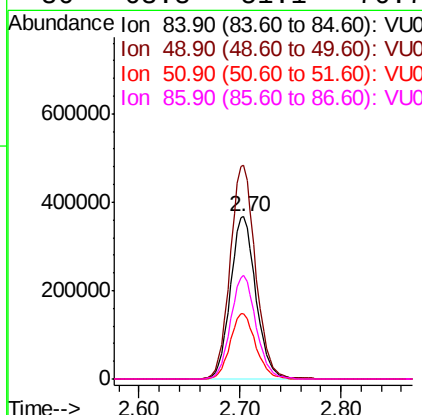
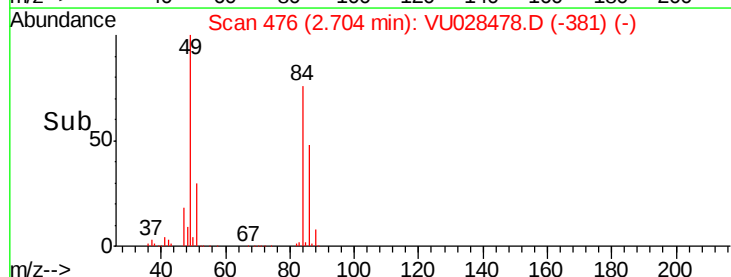
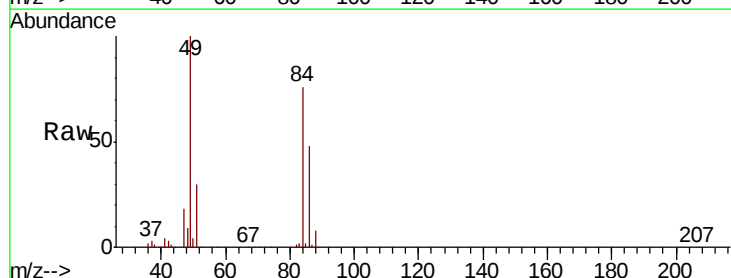
Instrument :
MSVOA_U
ClientSampleId :
OK-02-120418-A

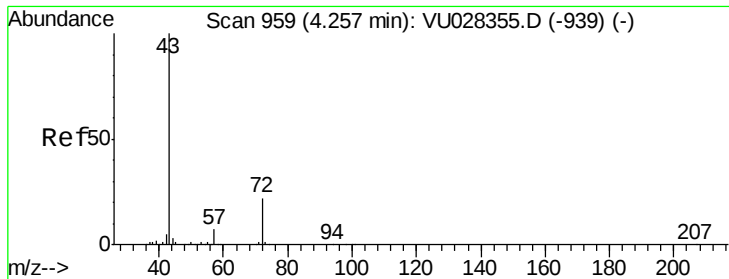
Tot Ion: 43 Resp: 11239
Ion Ratio Lower Upper
43 100
74 3.3 15.3 22.9#



#20
Methylene Chloride
Concen: 114.213 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

Tgt Ion: 84 Resp: 645441
Ion Ratio Lower Upper
84 100
49 131.9 120.0 180.0
51 40.1 36.9 55.3
86 63.8 51.1 76.7

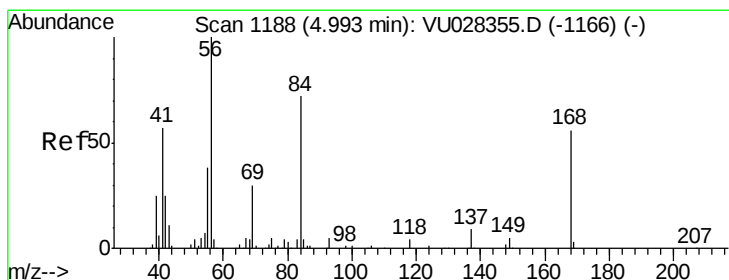
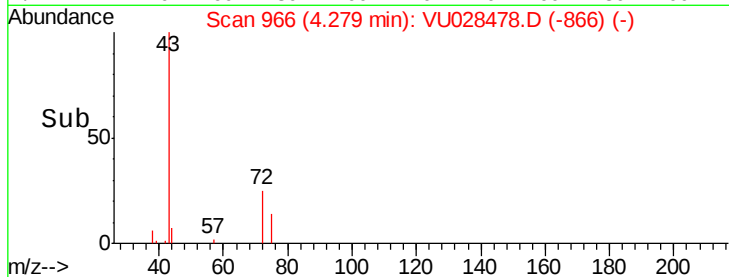
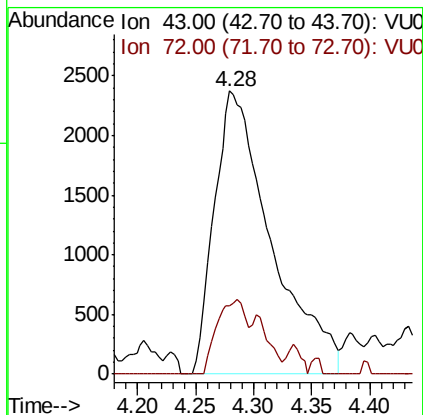
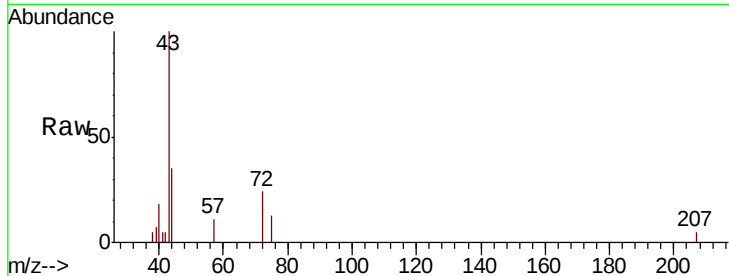




#25
2-Butanone
Concen: 1.409 ug/l
RT: 4.28 min Scan# 966
Delta R.T. 0.02 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

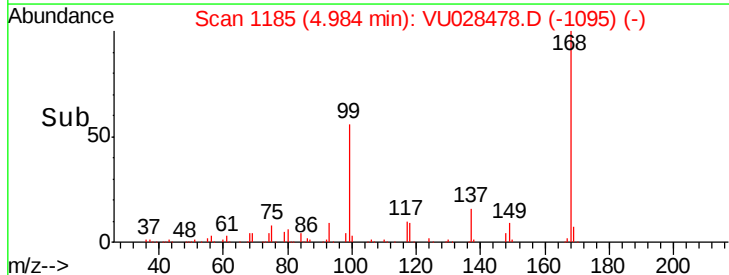
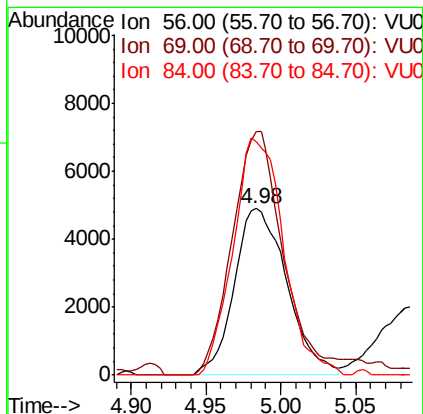
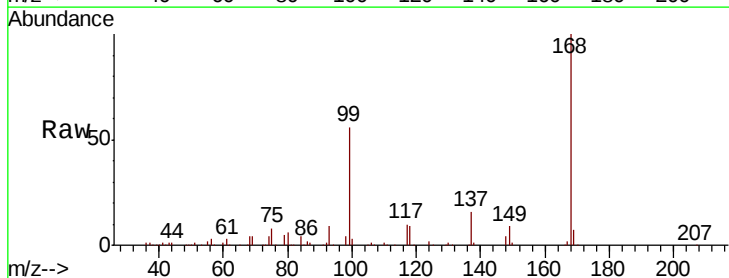
Instrument :
MSVOA_U
ClientSampleId :
OK-02-120418-A

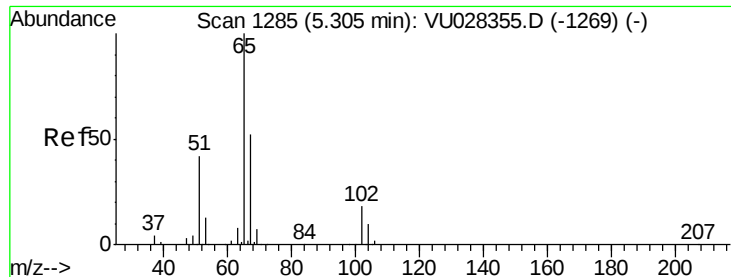
Tot Ion: 43 Resp: 8100
Ion Ratio Lower Upper
43 100
72 24.1 17.7 26.5



#31
Cyclohexane
Concen: 0.723 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

Tgt Ion: 56 Resp: 12039
Ion Ratio Lower Upper
56 100
69 146.2 23.7 35.5#
84 140.4 57.3 85.9#





#33

1,2-Dichloroethane-d4

Concen: 46.059 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

Instrument :

MSVOA_U

ClientSampleId :

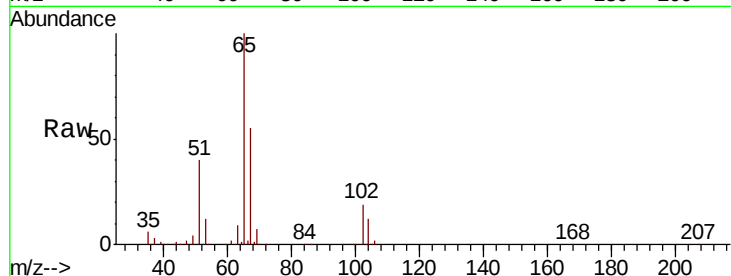
OK-02-120418-A

Tot Ion: 65 Resp: 301927

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VU028355.D (-1269) (-)

Ion 66.90 (66.60 to 67.60): VU028355.D (-1269) (-)

5.31

150000

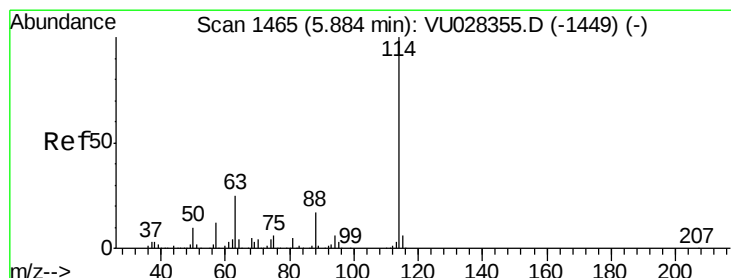
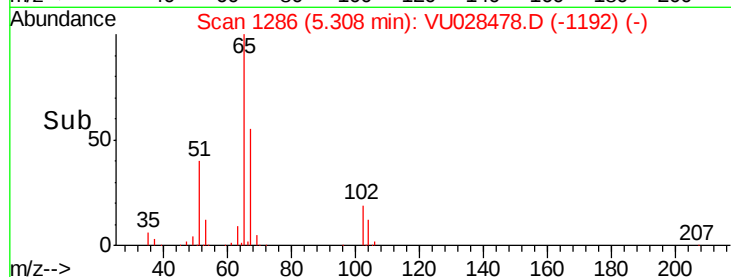
100000

50000

0

Time-->

5.20 5.30 5.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

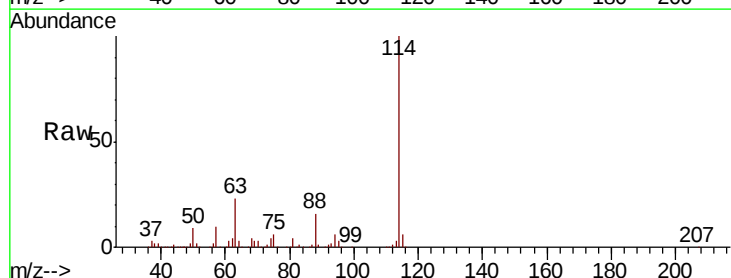
Tgt Ion: 114 Resp: 718712

Ion Ratio Lower Upper

114 100

63 22.9 0.0 50.0

88 16.5 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): VU028355.D (-1449) (-)

Ion 63.00 (62.70 to 63.70): VU028355.D (-1449) (-)

Ion 87.90 (87.60 to 88.60): VU028355.D (-1449) (-)

5.89

500000

400000

300000

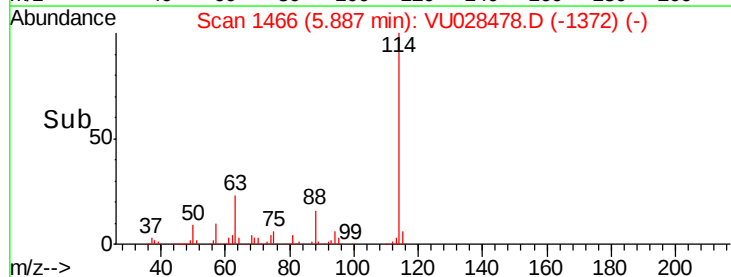
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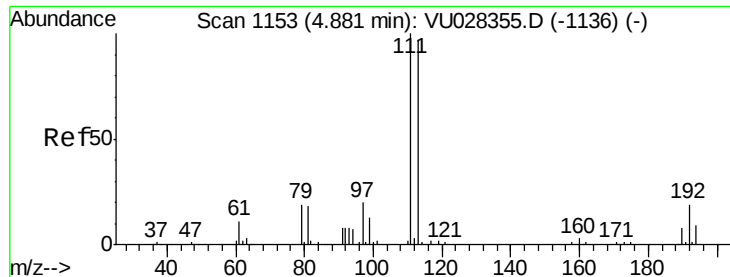
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0

Time-->

5.80 5.90 6.00

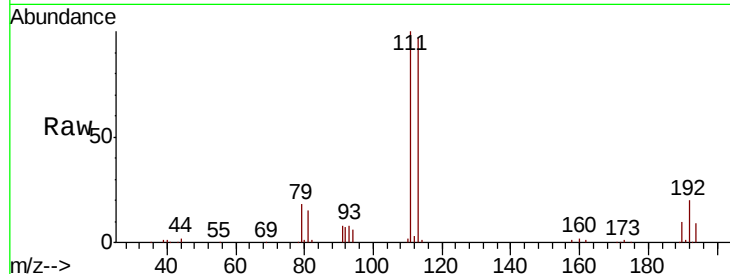




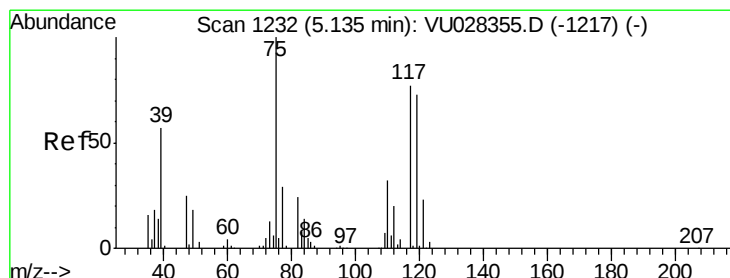
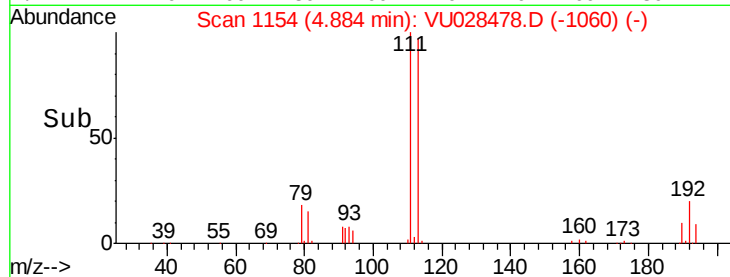
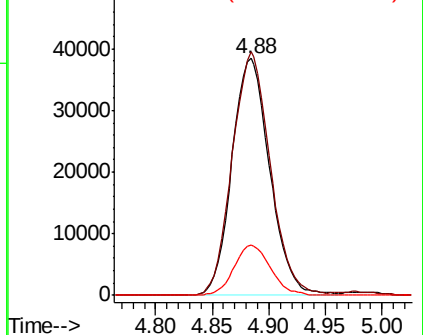
#35
Dibromofluoromethane
Concen: 18.777 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

Instrument :
MSVOA_U
ClientSampleId :
OK-02-120418-A

Tot Ion:113 Resp: 89736
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 20.4 15.4 23.0

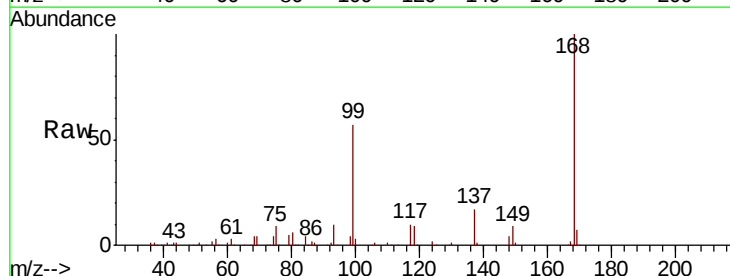


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

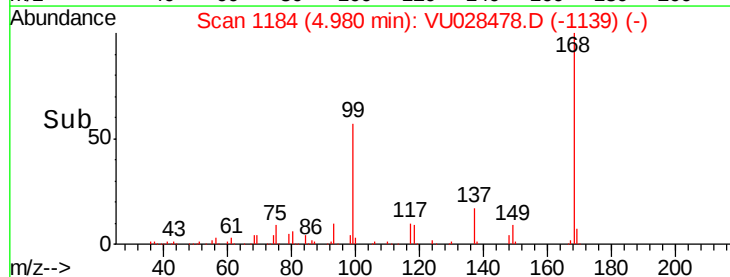
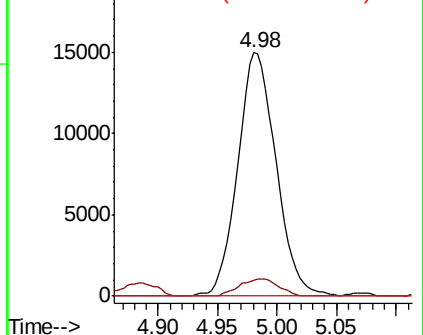


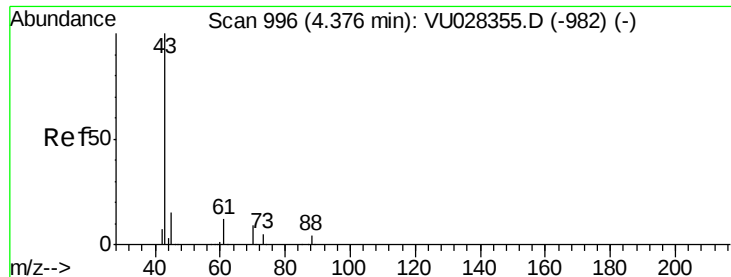
#36
1,1-Dichloropropene
Concen: 4.249 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

Tgt Ion: 75 Resp: 33415
Ion Ratio Lower Upper
75 100
110 7.2 15.8 47.4#
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VU0

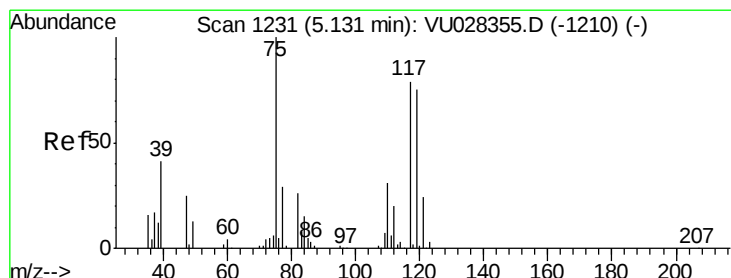
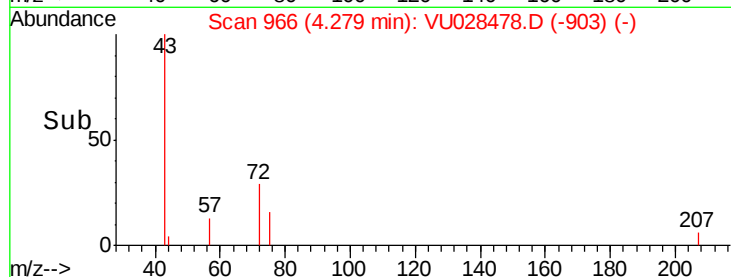
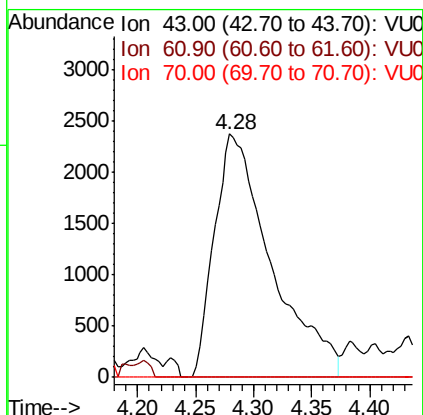
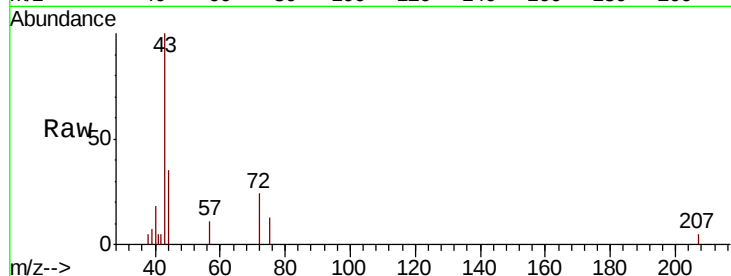




#37
Ethyl Acetate
Concen: 0.756 ug/l
RT: 4.28 min Scan# 966
Delta R.T. -0.10 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

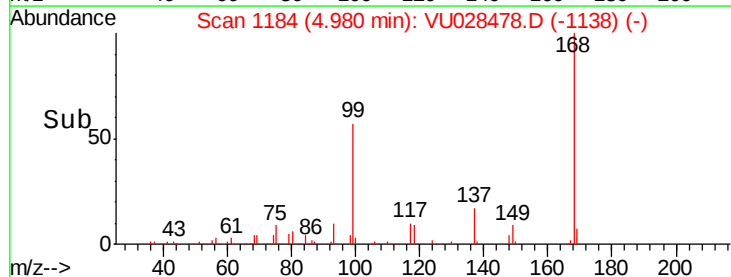
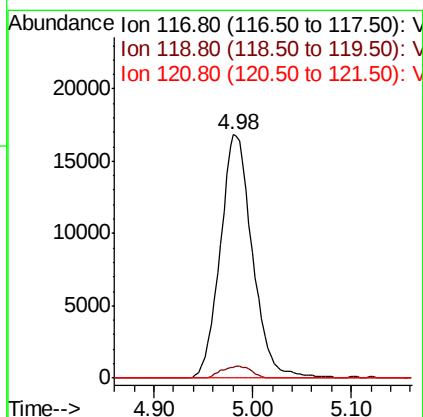
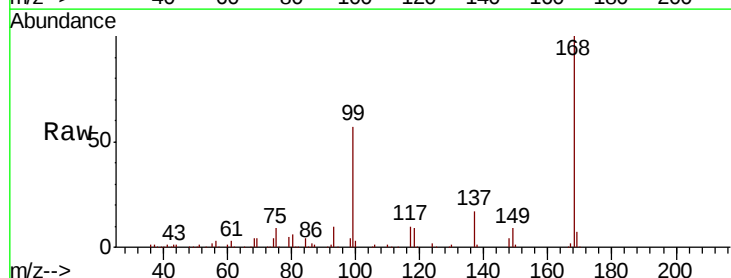
Instrument :
MSVOA_U
ClientSampleId :
OK-02-120418-A

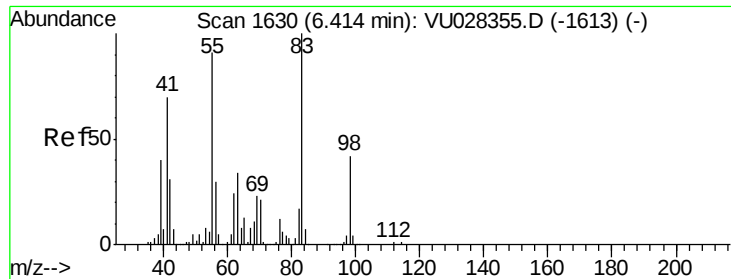
Tot Ion: 43 Resp: 8100
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 0.0 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 5.955 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

Tgt Ion: 117 Resp: 38462
Ion Ratio Lower Upper
117 100
119 4.4 76.3 114.5#
121 0.0 24.7 37.1#

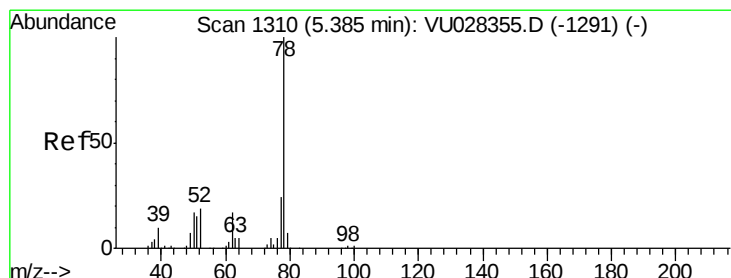
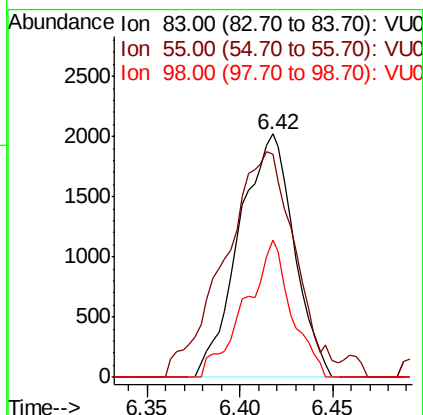
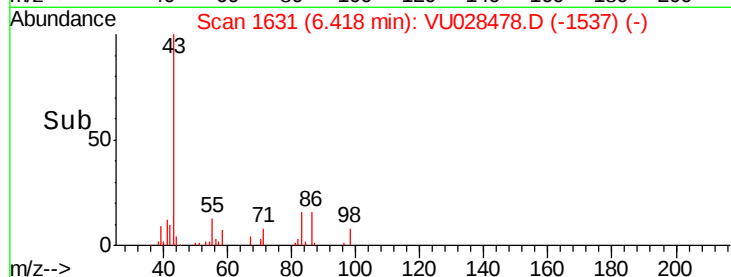
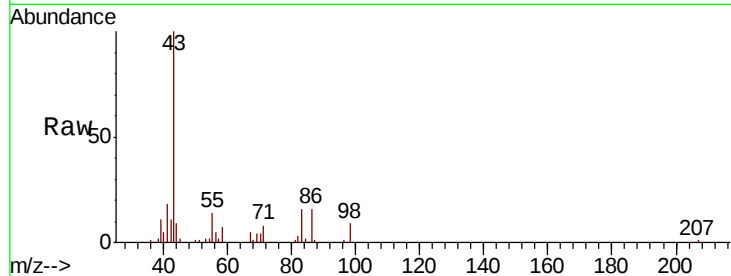




#39
Methvlcvclohexane
Concen: 0.448 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

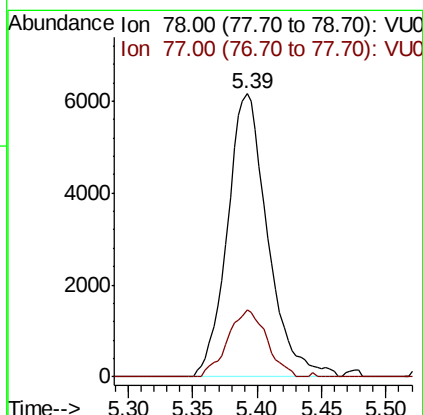
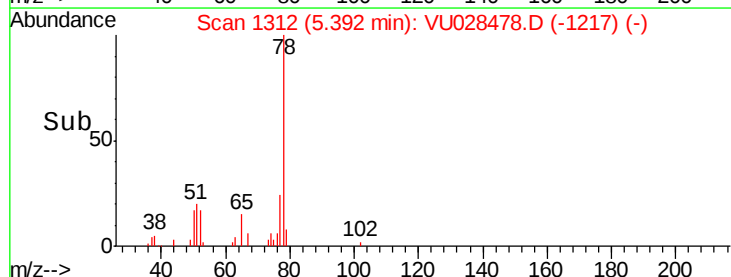
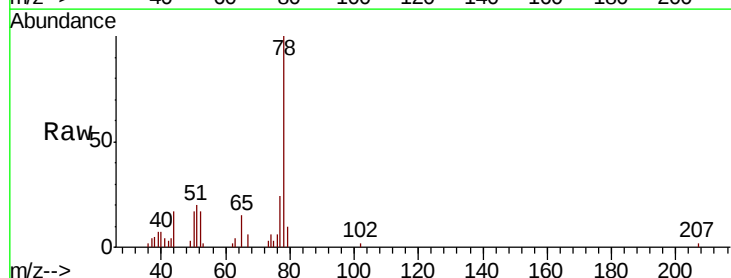
Instrument :
MSVOA_U
ClientSampleId :
OK-02-120418-A

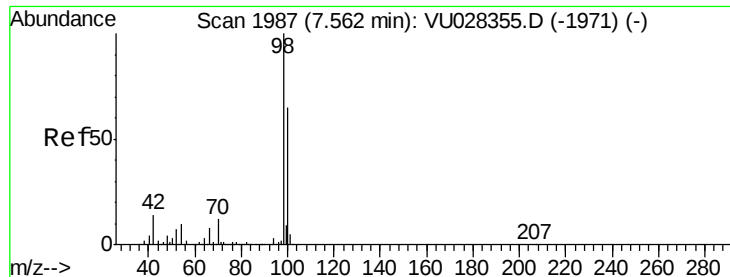
Tot Ion: 83 Resp: 4154
Ion Ratio Lower Upper
83 100
55 85.7 73.1 109.7
98 56.3 33.9 50.9#



#40
Benzene
Concen: 0.575 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.01 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

Tgt Ion: 78 Resp: 13402
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#50

Toluene-d8

Concen: 48.794 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

Instrument :

MSVOA_U

ClientSampleId :

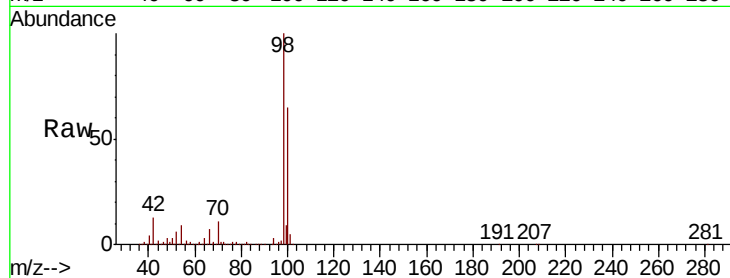
OK-02-120418-A

Tot Ion: 98 Resp: 932609

Ion Ratio Lower Upper

98 100

100 63.8 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU028355.D (-1971) (-)

Ion 100.00 (99.70 to 100.70): VU028355.D (-1971) (-)

7.57

600000

500000

400000

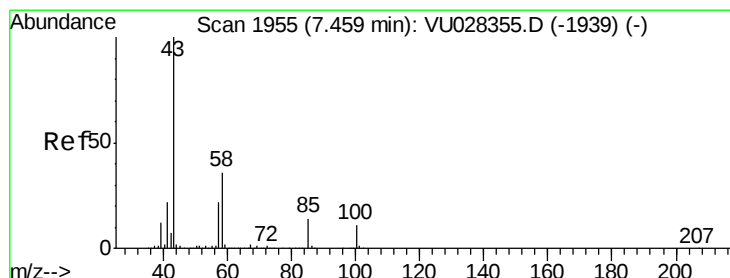
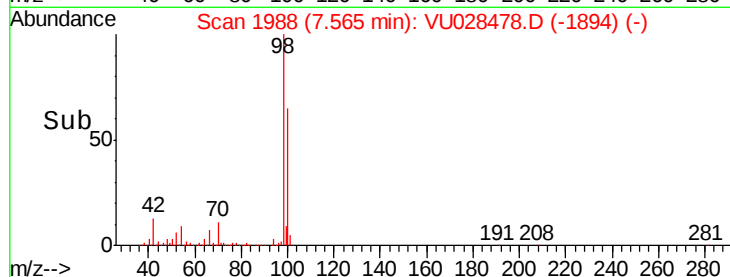
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.675 ug/l

RT: 7.47 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VU028478.D

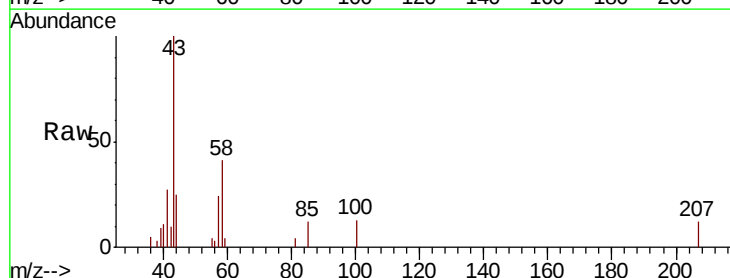
Acq: 05 Dec 2018 14:25

Tgt Ion: 43 Resp: 7319

Ion Ratio Lower Upper

43 100

58 37.2 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU028355.D (-1939) (-)

7.47

4000

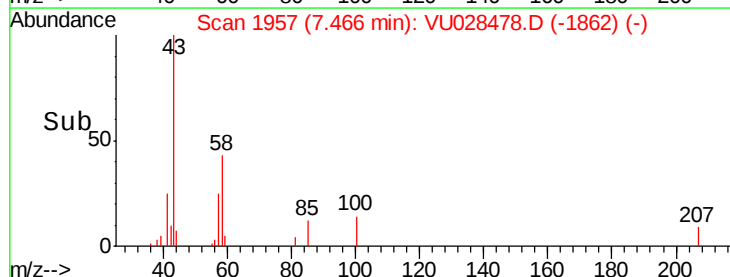
3000

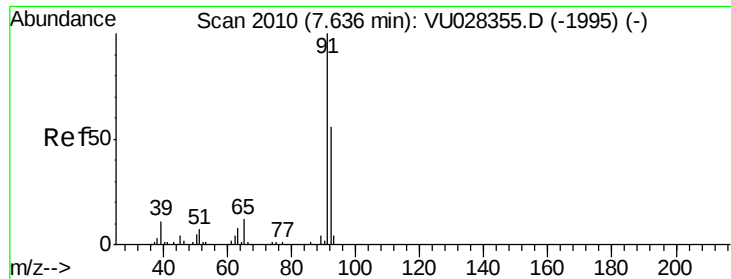
2000

1000

0

Time-->





#52

Toluene

Concen: 24.939 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

Instrument :

MSVOA_U

ClientSampleId :

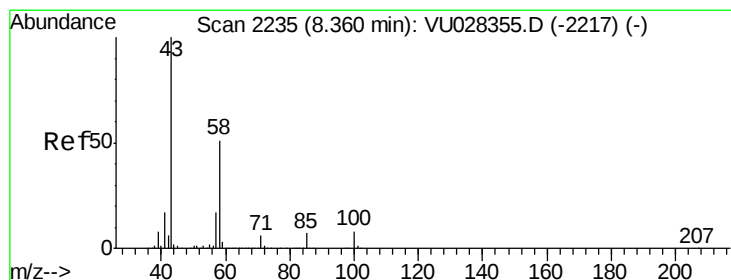
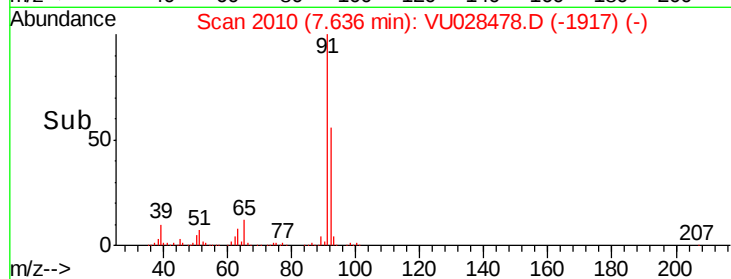
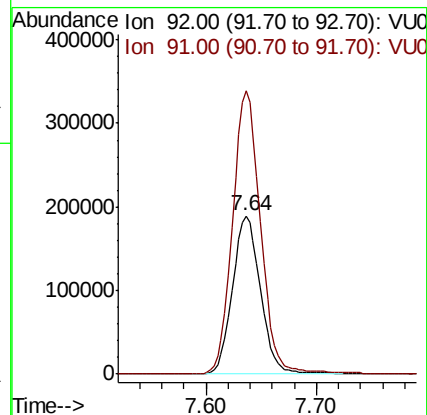
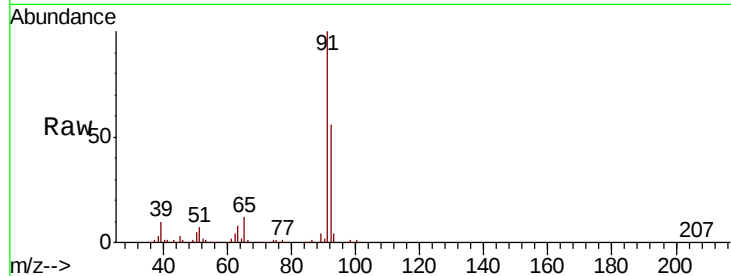
OK-02-120418-A

Tot Ion: 92 Resp: 334519

Ion Ratio Lower Upper

92 100

91 179.6 141.8 212.6



#59

2-Hexanone

Concen: 3.178 ug/l

RT: 8.31 min Scan# 2220

Delta R.T. -0.05 min

Lab File: VU028478.D

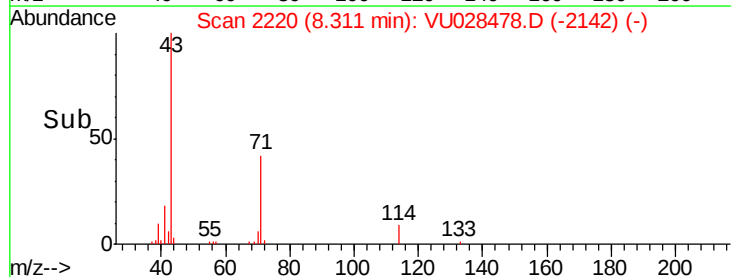
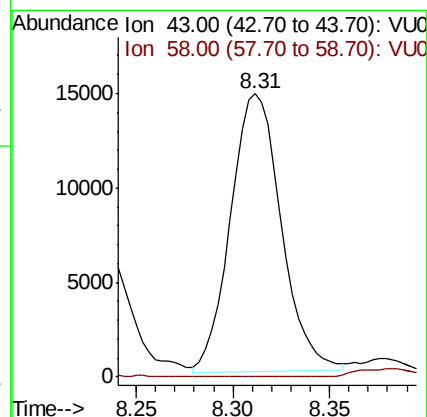
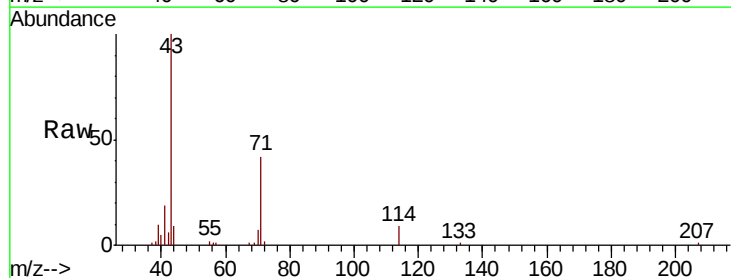
Acq: 05 Dec 2018 14:25

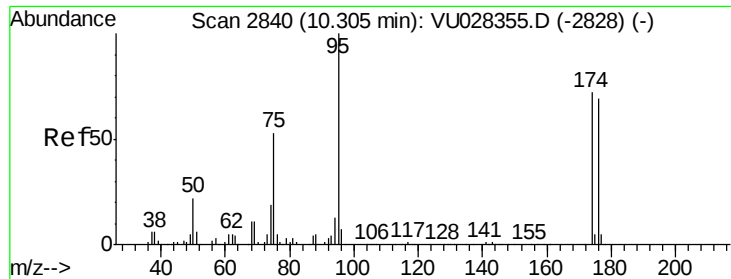
Tgt Ion: 43 Resp: 26699

Ion Ratio Lower Upper

43 100

58 0.0 25.5 76.5#





#62

4-Bromofluorobenzene

Concen: 50.530 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

Instrument :

MSVOA_U

ClientSampleId :

OK-02-120418-A

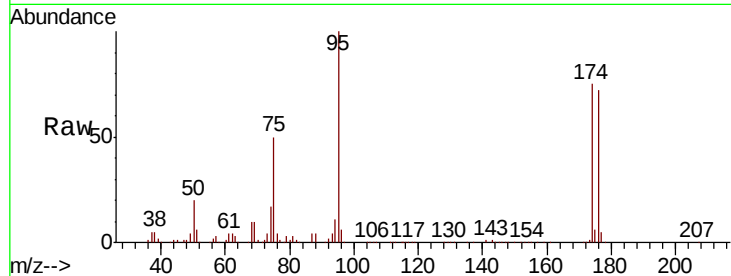
Tot Ion: 95 Resp: 348098

Ion Ratio Lower Upper

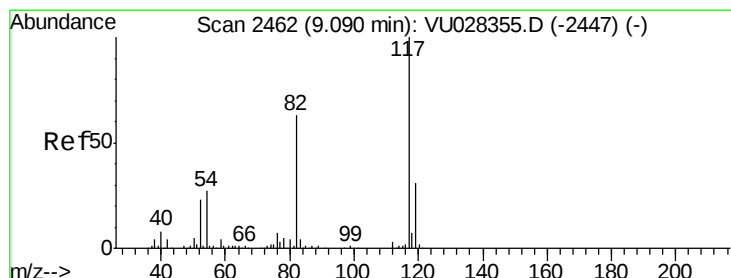
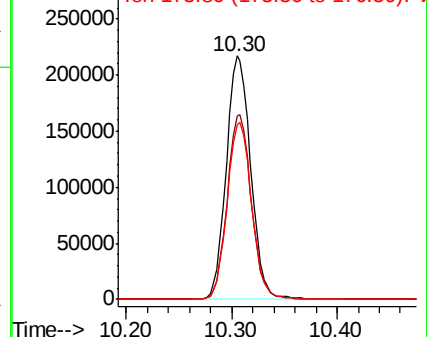
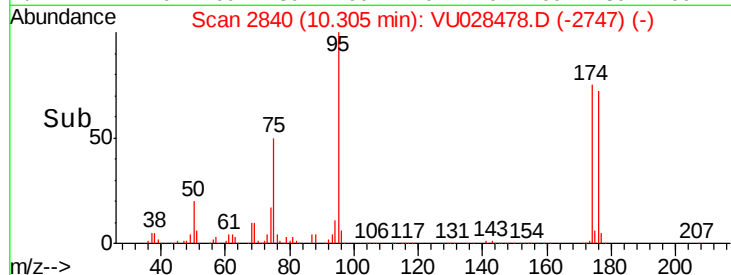
95 100

174 75.0 0.0 145.4

176 72.7 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU028478.D (-2747) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

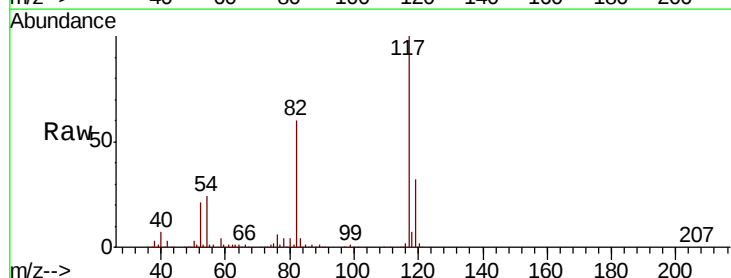
Tgt Ion: 117 Resp: 671797

Ion Ratio Lower Upper

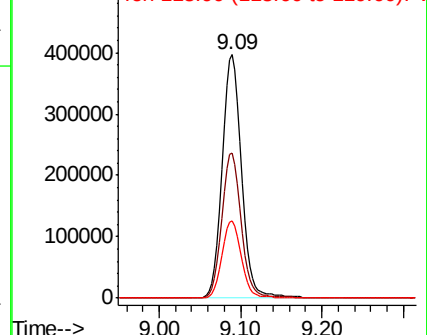
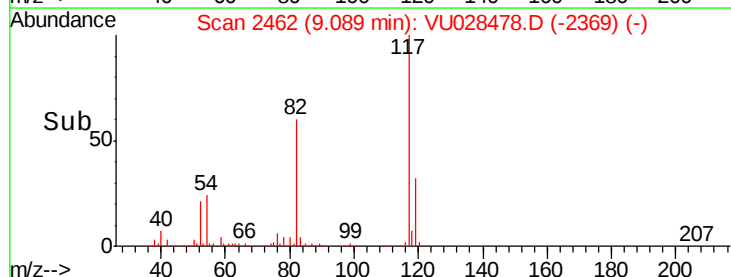
117 100

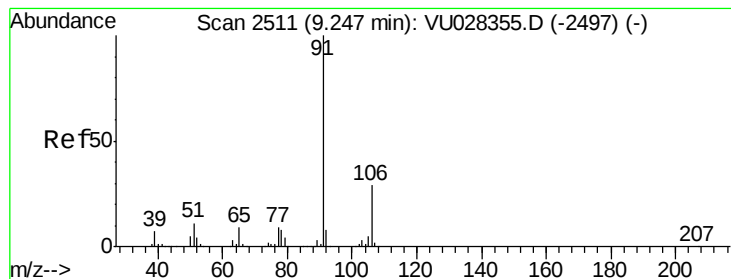
82 59.6 50.3 75.5

119 31.7 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): VU028478.D (-2369) (-)





#67

Ethyl Benzene

Concen: 9.287 ug/l

RT: 9.25 min Scan# 2511

Delta R.T. -0.00 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

Instrument :

MSVOA_U

ClientSampleID :

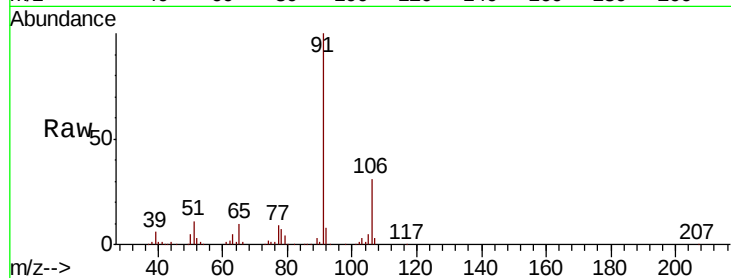
OK-02-120418-A

Tot Ion: 91 Resp: 243987

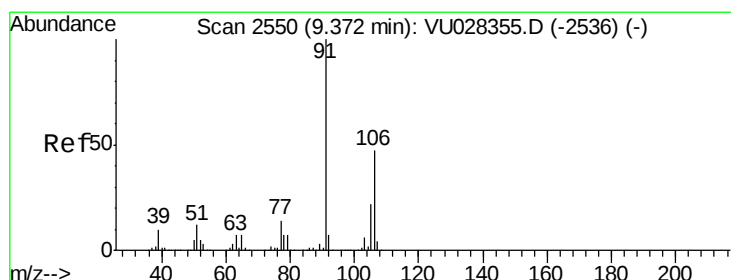
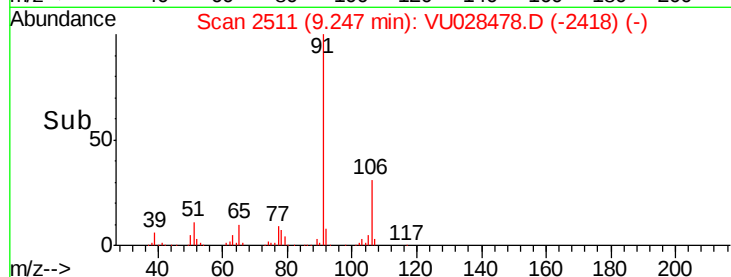
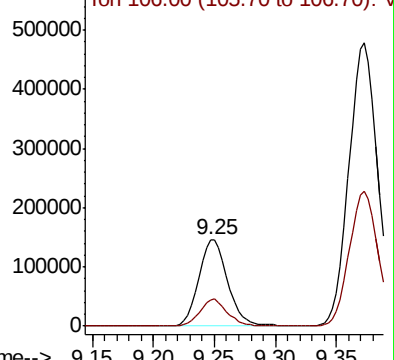
Ion Ratio Lower Upper

91 100

106 30.6 23.3 34.9



Abundance Ion 91.00 (90.70 to 91.70): VU028355.D (-2497) (-)



#68

m/p-Xylenes

Concen: 39.639 ug/l

RT: 9.37 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU028478.D

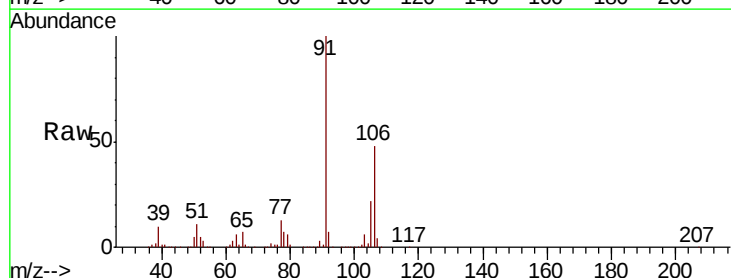
Acq: 05 Dec 2018 14:25

Tgt Ion: 106 Resp: 374845

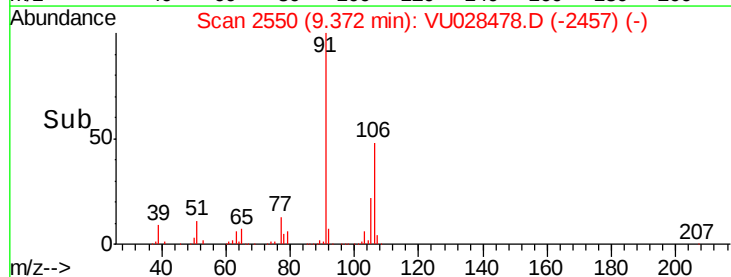
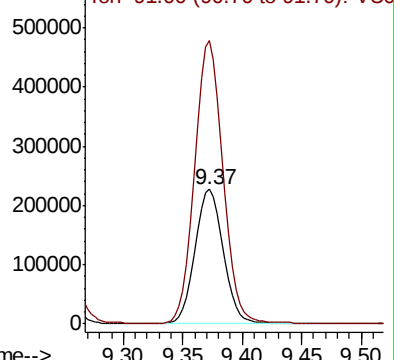
Ion Ratio Lower Upper

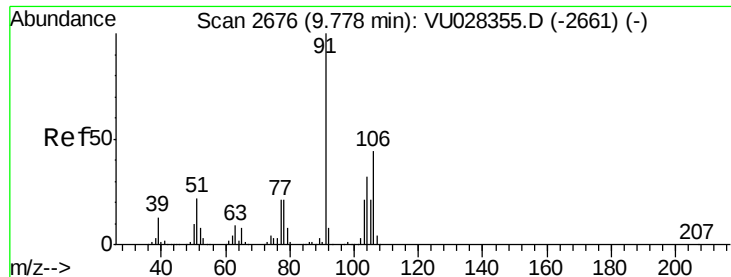
106 100

91 211.3 171.0 256.6



Abundance Ion 106.00 (105.70 to 106.70): VU028355.D (-2536) (-)

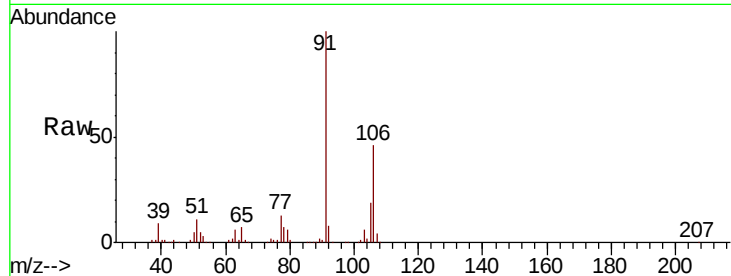




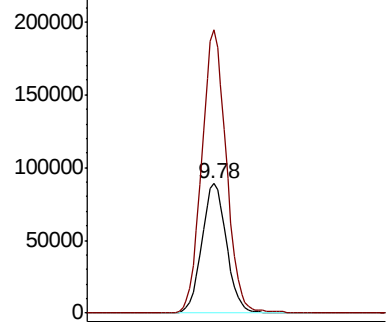
#69
o-Xylene
Concen: 15.138 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

Instrument :
MSVOA_U
ClientSampleId :
OK-02-120418-A

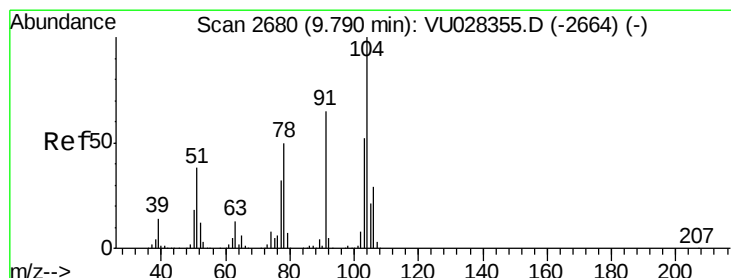
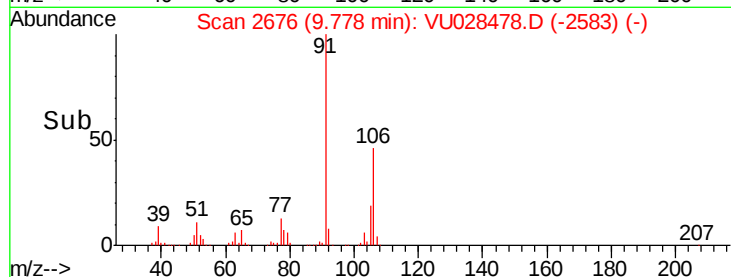
Tot Ion:106 Resp: 142305
Ion Ratio Lower Upper
106 100
91 217.4 112.7 338.0



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

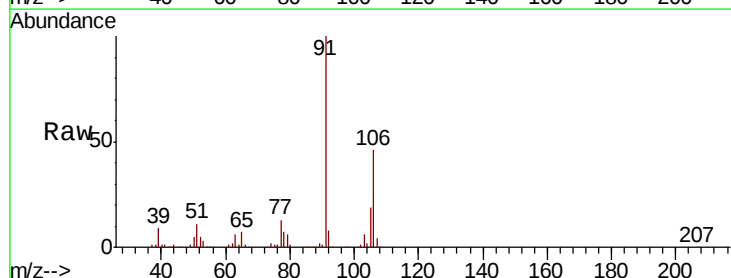


Time-->

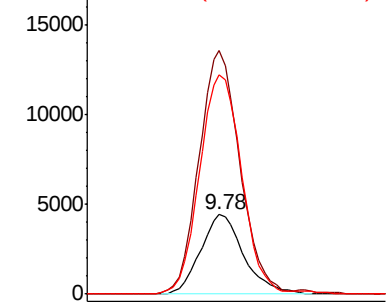


#70
Styrene
Concen: 0.491 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.01 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

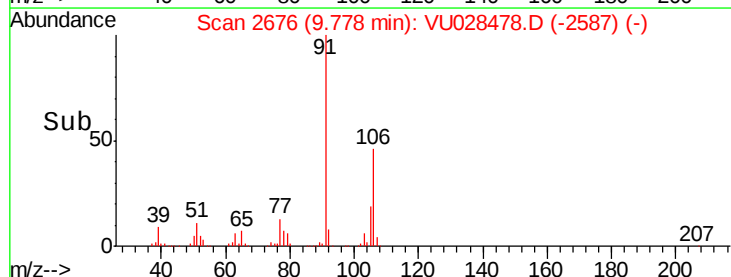
Tgt Ion:104 Resp: 7438
Ion Ratio Lower Upper
104 100
78 290.3 43.3 64.9#
103 270.5 44.8 67.2#

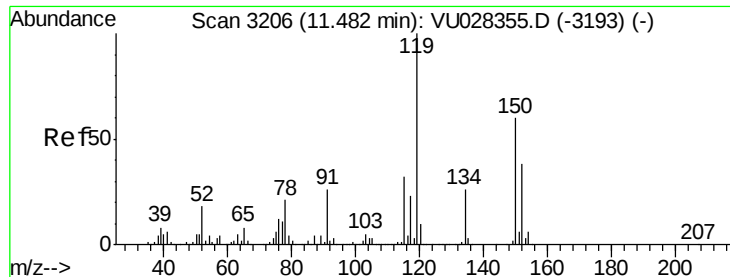


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

Instrument :

MSVOA_U

ClientSampleId :

OK-02-120418-A

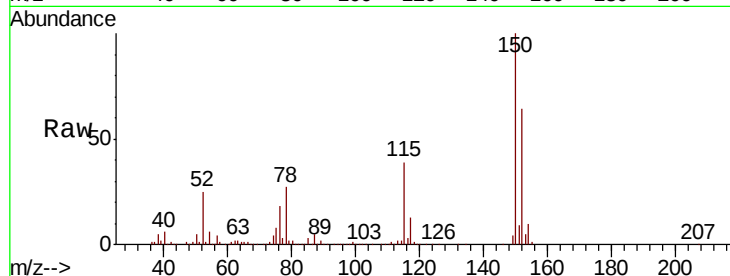
Tot Ion:152 Resp: 330117

Ion Ratio Lower Upper

152 100

115 59.2 45.0 134.8

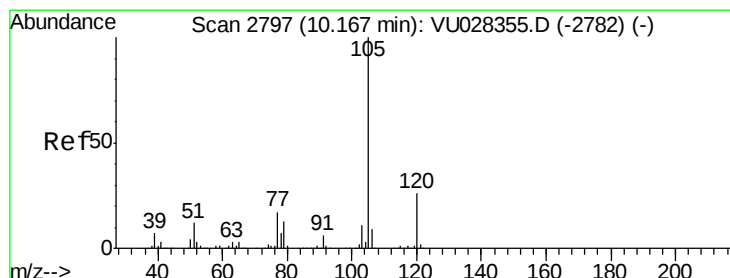
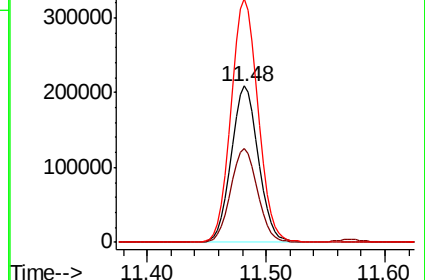
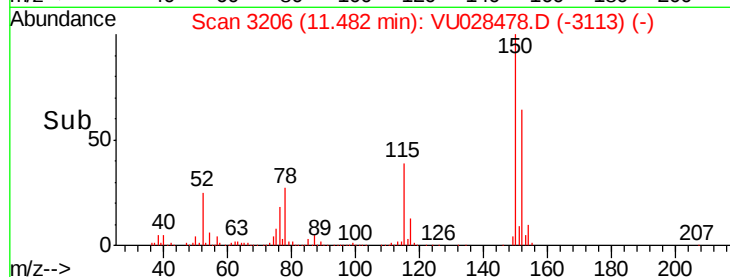
150 155.2 0.0 349.2



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: 0.730 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU028478.D

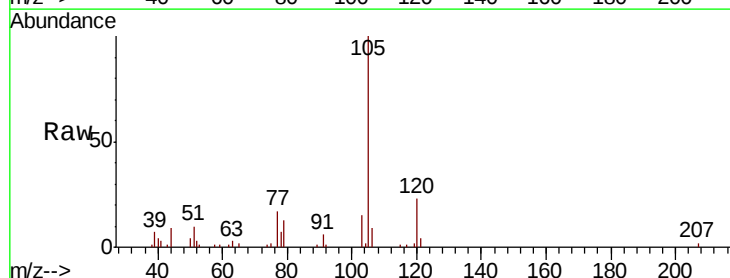
Acq: 05 Dec 2018 14:25

Tgt Ion:105 Resp: 18743

Ion Ratio Lower Upper

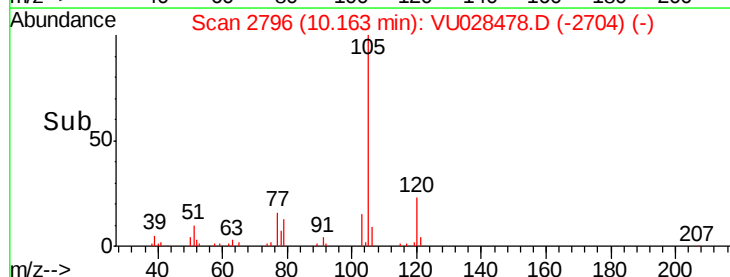
105 100

120 25.7 12.8 38.3

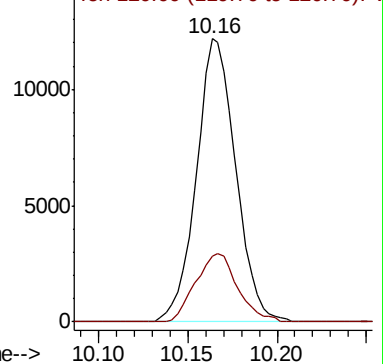


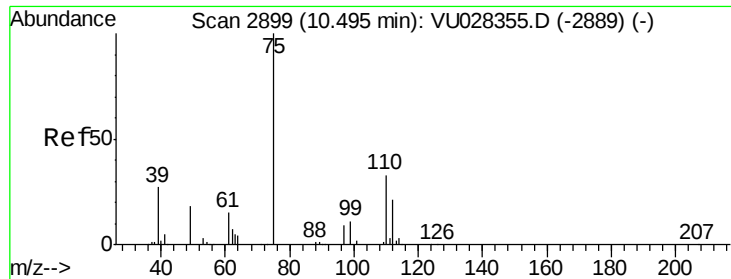
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->

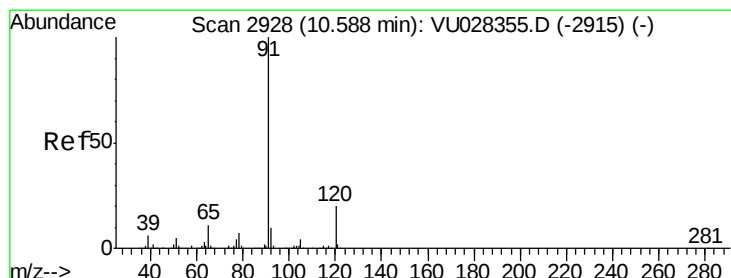
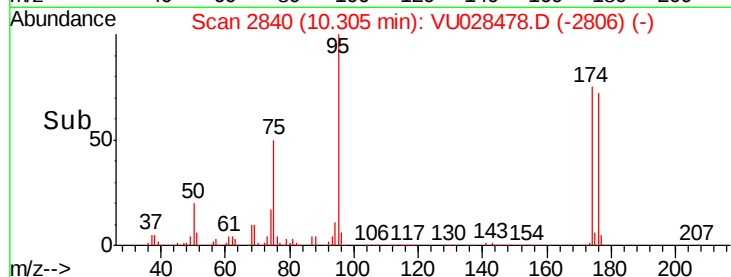
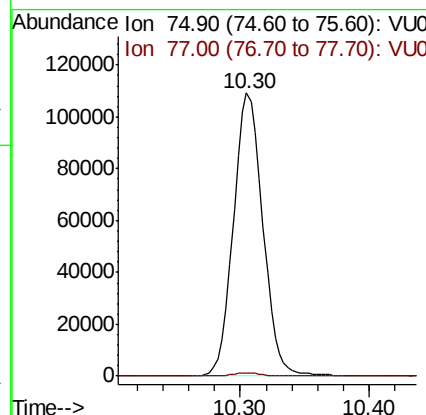
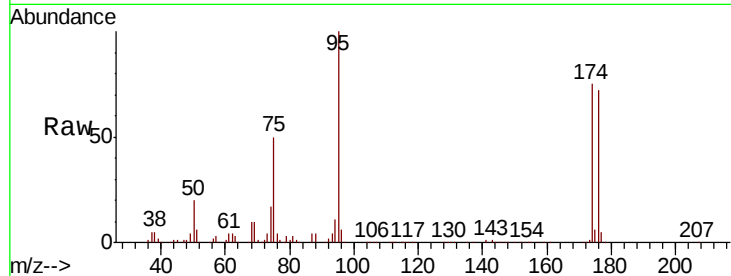




#76
 1,2,3-Trichloropropane
 Concen: 18.896 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028478.D
 Acq: 05 Dec 2018 14:25

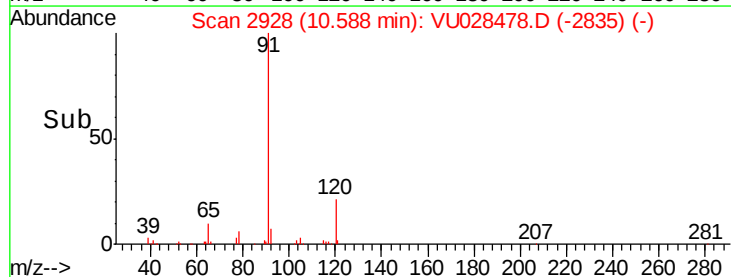
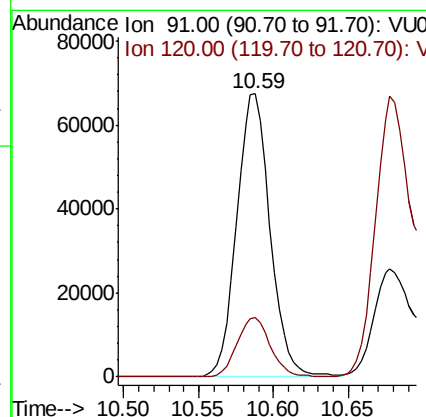
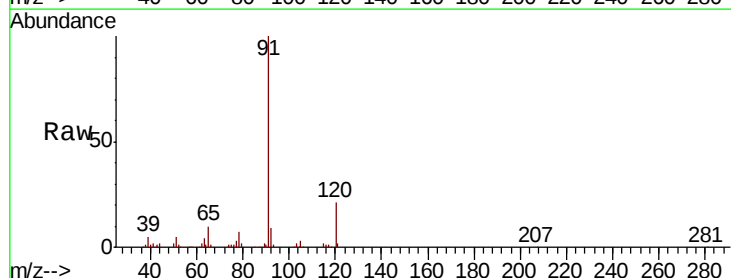
Instrument :
 MSVOA_U
 ClientSampleId :
 OK-02-120418-A

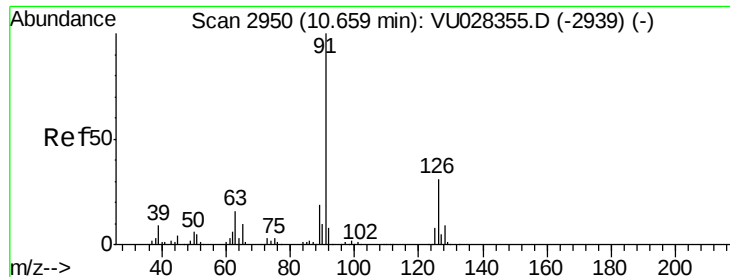
Tot Ion: 75 Resp: 172979
 Ion Ratio Lower Upper
 75 100
 77 1.1 22.4 67.0#



#78
 n-propylbenzene
 Concen: 3.307 ug/l
 RT: 10.59 min Scan# 2928
 Delta R.T. -0.00 min
 Lab File: VU028478.D
 Acq: 05 Dec 2018 14:25

Tgt Ion: 91 Resp: 104733
 Ion Ratio Lower Upper
 91 100
 120 21.0 10.3 30.8

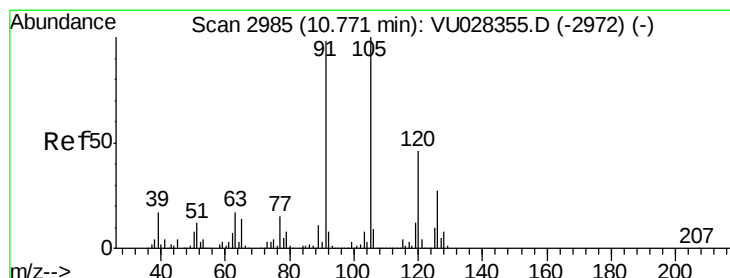
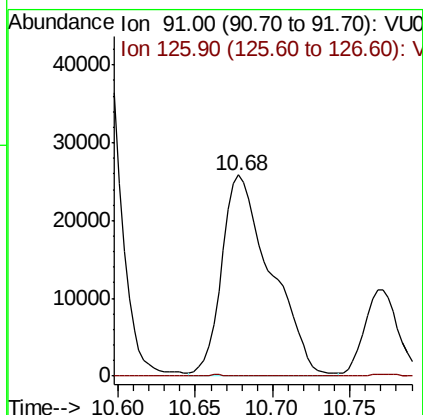
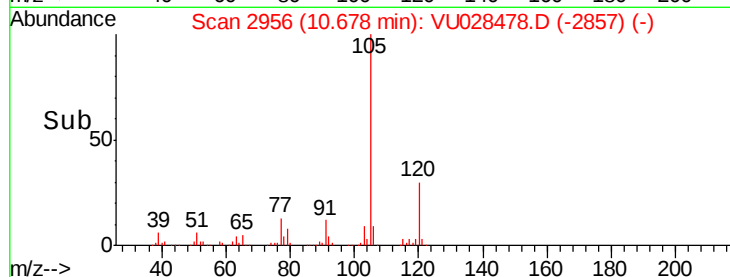
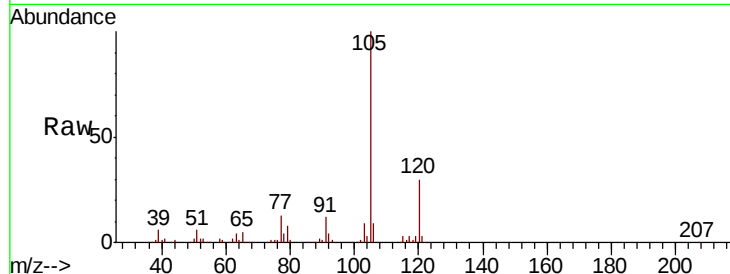




#79
 2-Chlorotoluene
 Concen: 3.059 ug/l
 RT: 10.68 min Scan# 2956
 Delta R.T. 0.02 min
 Lab File: VU028478.D
 Acq: 05 Dec 2018 14:25

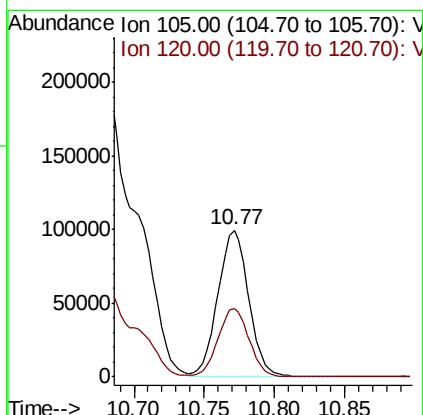
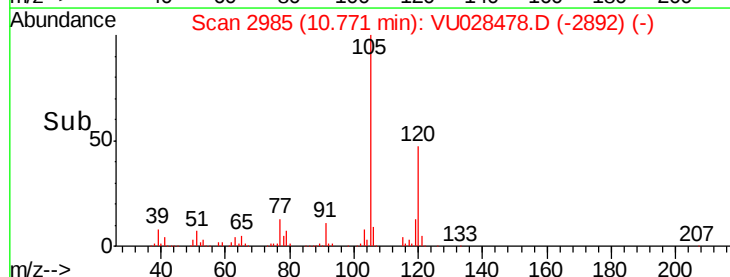
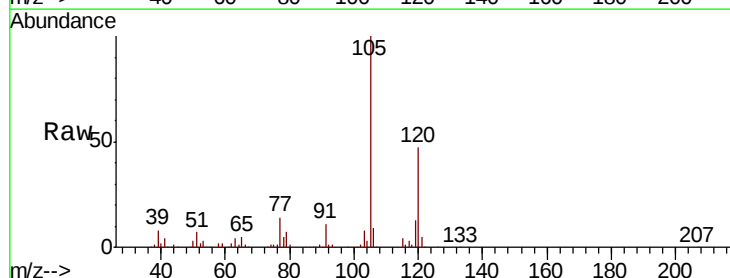
Instrument :
 MSVOA_U
 ClientSampleId :
 OK-02-120418-A

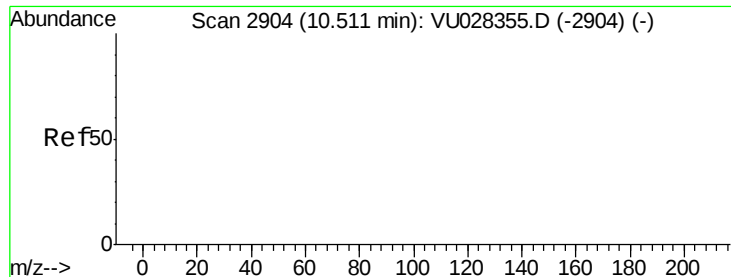
Tot Ion: 91 Resp: 57121
 Ion Ratio Lower Upper
 91 100
 126 0.2 15.4 46.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 6.991 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU028478.D
 Acq: 05 Dec 2018 14:25

Tgt Ion: 105 Resp: 151250
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 50.158 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.20 min

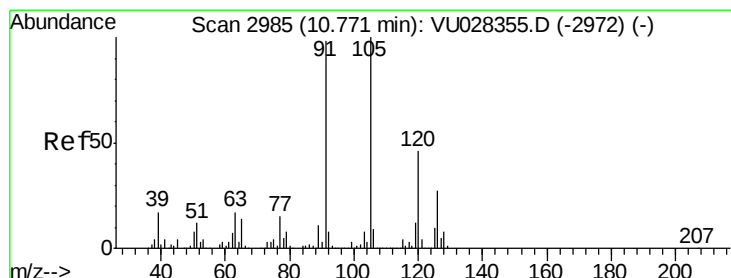
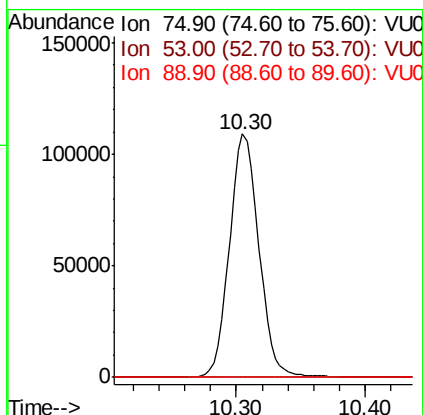
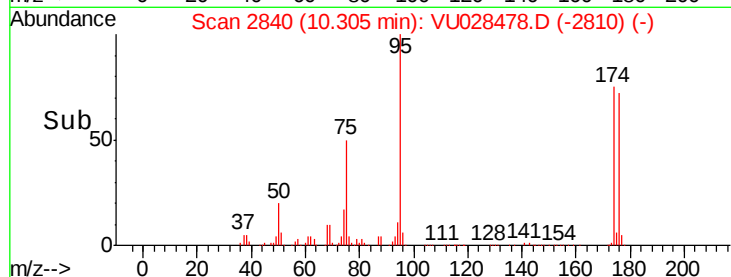
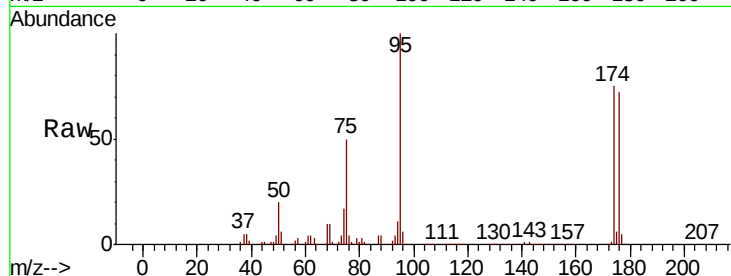
Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

Instrument :
MSVOA_U
ClientSampleId :
OK-02-120418-A

Tot Ion: 75 Resp: 172979

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



#82

4-Chlorotoluene

Concen: 0.798 ug/l

RT: 10.77 min Scan# 2985

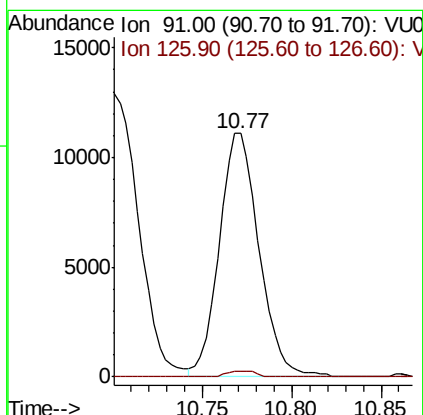
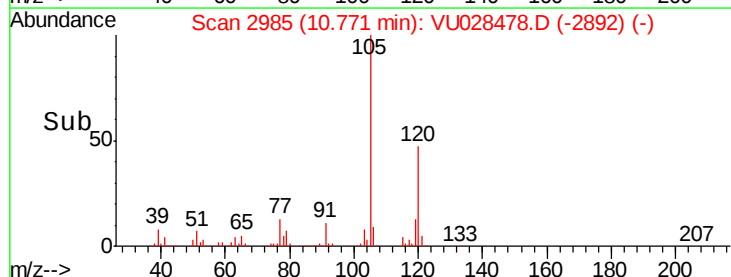
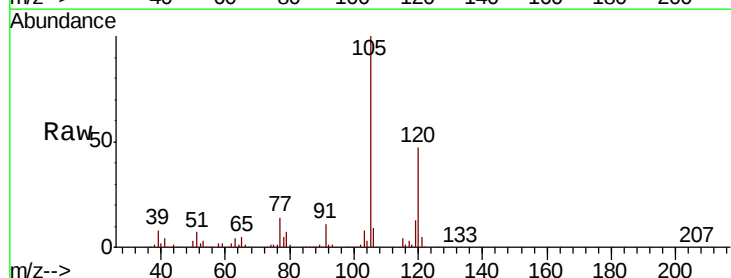
Delta R.T. 0.00 min

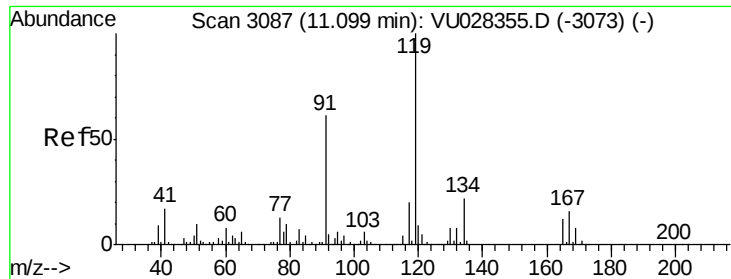
Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

Tgt Ion: 91 Resp: 17161

Ion	Ratio	Lower	Upper
91	100		
126	1.8	13.9	41.6#

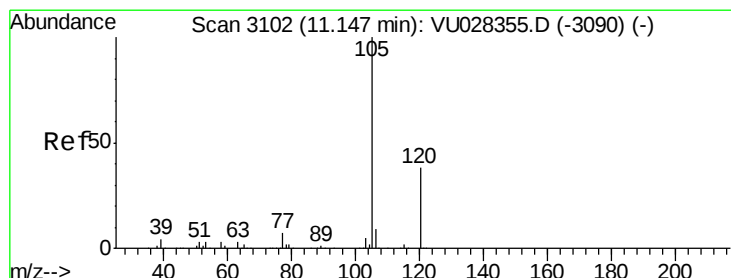
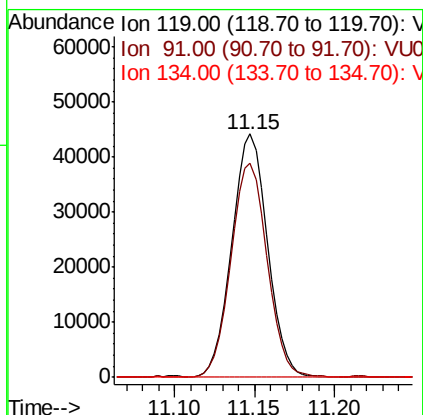
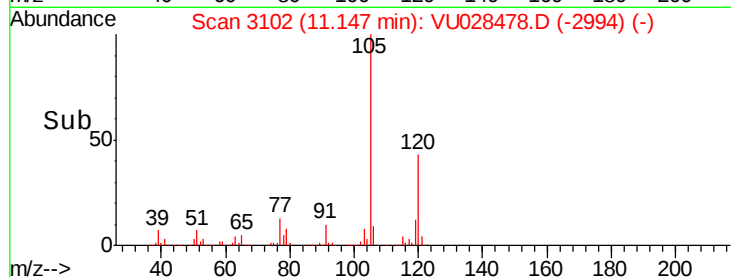
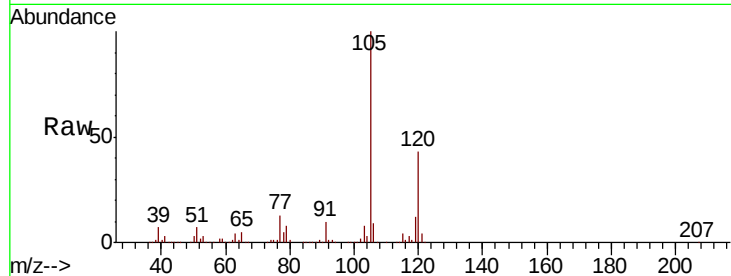




#83
tert-Butylbenzene
Concen: 3.323 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.05 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

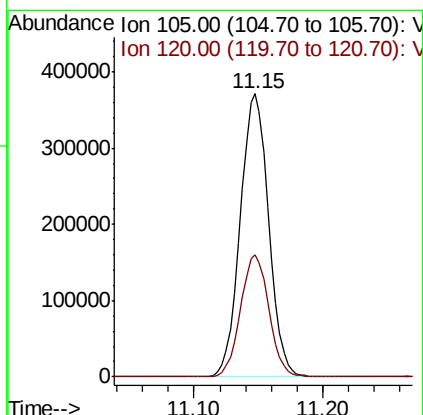
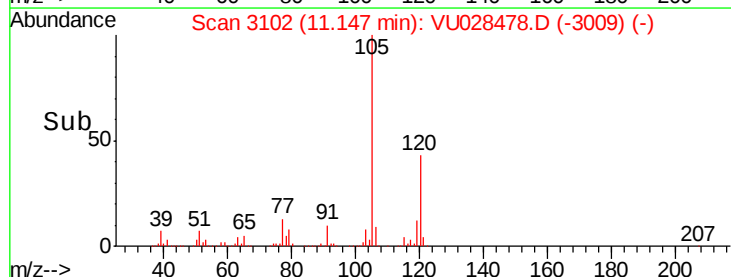
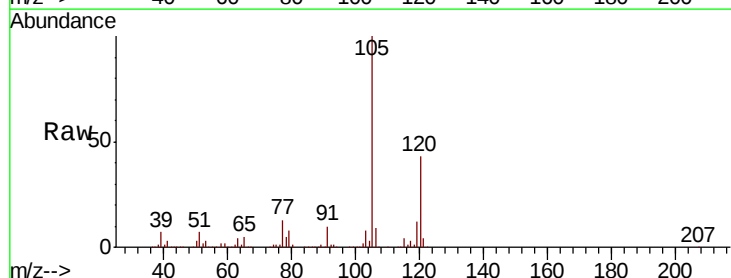
Instrument :
MSVOA_U
ClientSampleId :
OK-02-120418-A

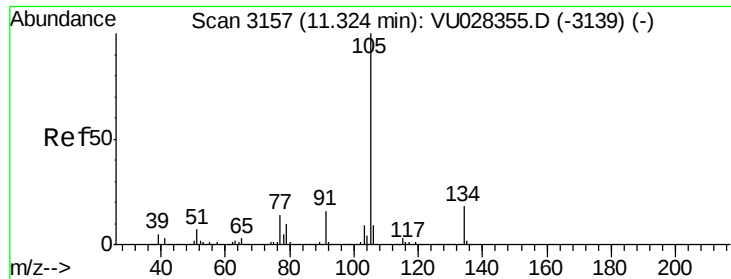
Tot Ion:119 Resp: 67022
Ion Ratio Lower Upper
119 100
91 88.5 30.8 92.4
134 0.0 11.1 33.1#



#84
1,2,4-Trimethylbenzene
Concen: 25.843 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU028478.D
Acq: 05 Dec 2018 14:25

Tgt Ion:105 Resp: 566353
Ion Ratio Lower Upper
105 100
120 43.2 21.4 64.3





#85

sec-Butylbenzene

Concen: 21.619 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.18 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

Instrument :

MSVOA_U

ClientSampleId :

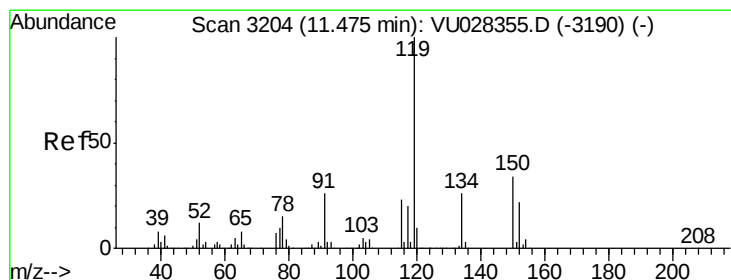
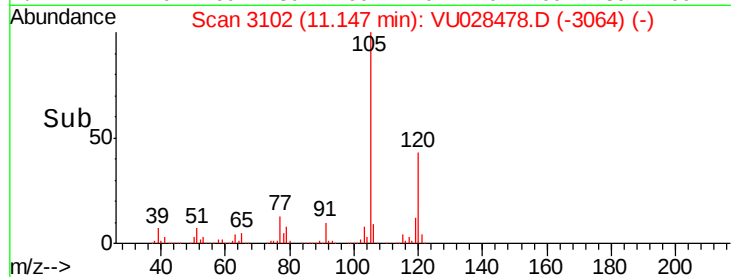
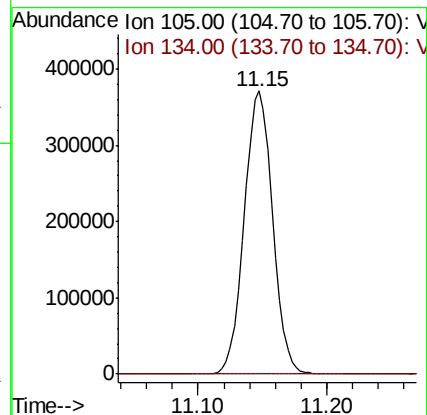
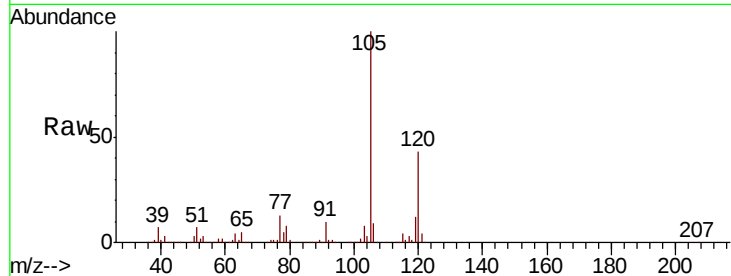
OK-02-120418-A

Tot Ion:105 Resp: 566353

Ion Ratio Lower Upper

105 100

134 0.0 9.3 27.7#



#86

p-Isopropyltoluene

Concen: 0.318 ug/l

RT: 11.42 min Scan# 3188

Delta R.T. -0.05 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

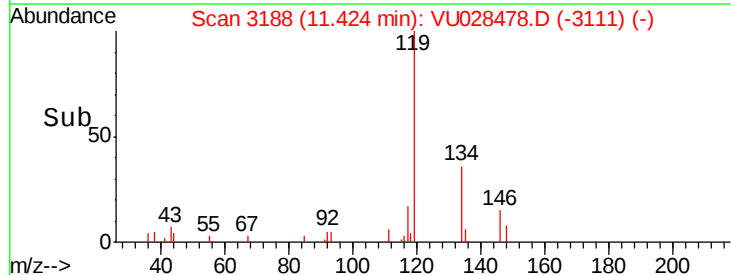
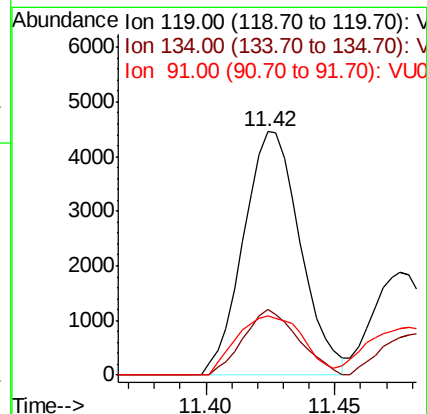
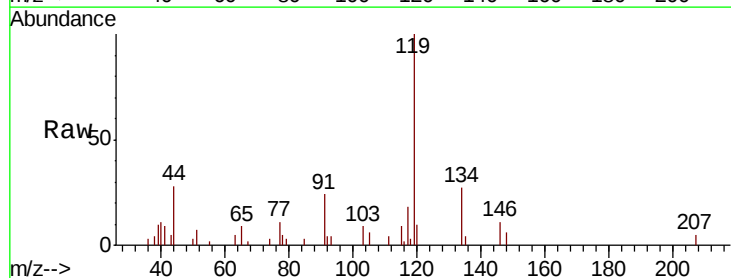
Tgt Ion:119 Resp: 6849

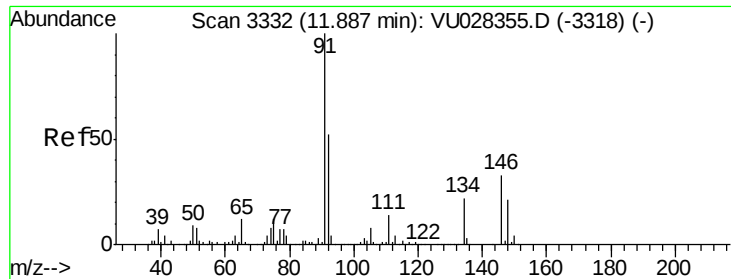
Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.3

91 28.6 13.1 39.1





#89

n-Butylbenzene

Concen: 0.892 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. -0.01 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

Instrument :

MSVOA_U

ClientSampleId :

OK-02-120418-A

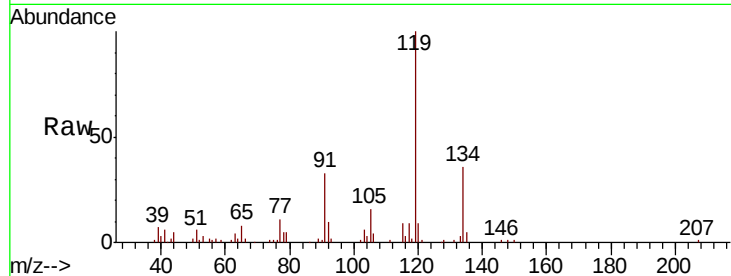
Tot Ion: 91 Resp: 18969

Ion Ratio Lower Upper

91 100

92 29.8 26.2 78.5

134 105.6 11.1 33.1#

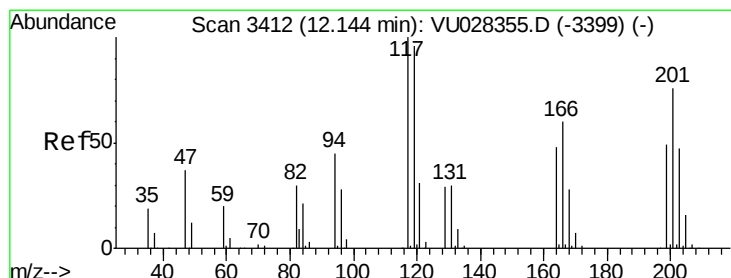
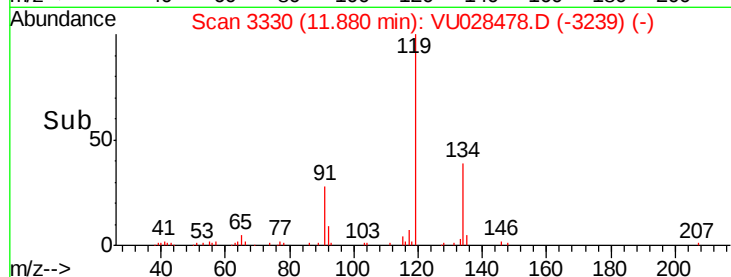
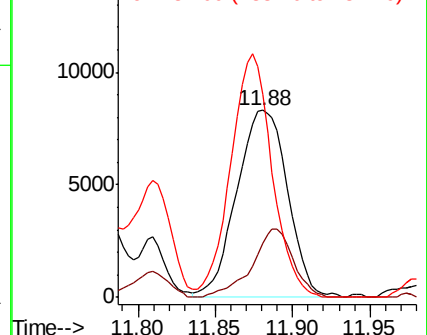


Abundance

Ion 91.00 (90.70 to 91.70): VU028478.D (-3330) (-)

Ion 92.00 (91.70 to 92.70): VU028478.D (-3330) (-)

Ion 134.00 (133.70 to 134.70): VU028478.D (-3330) (-)



#90

Hexachloroethane

Concen: 0.872 ug/l

RT: 12.14 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VU028478.D

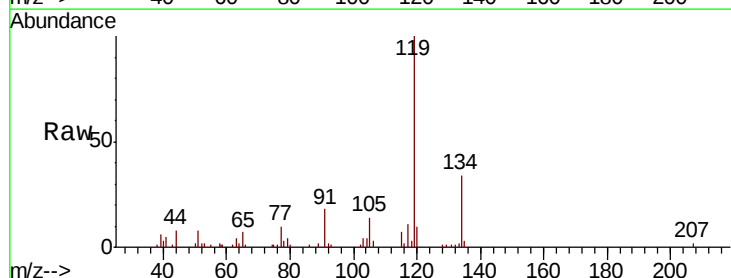
Acq: 05 Dec 2018 14:25

Tgt Ion: 117 Resp: 2931

Ion Ratio Lower Upper

117 100

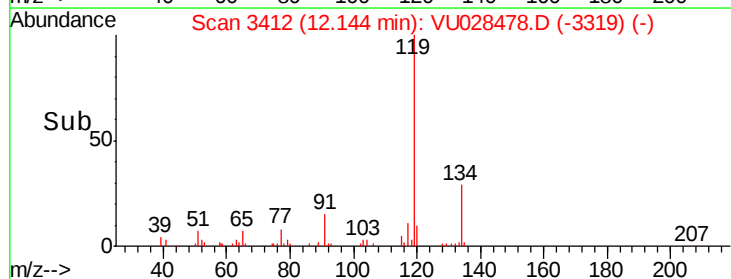
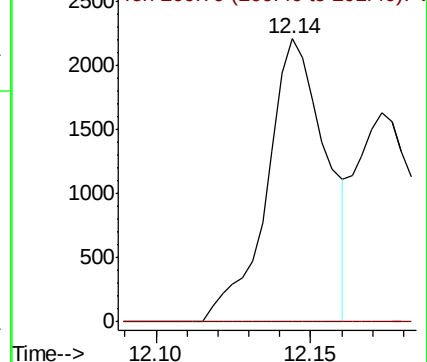
201 0.0 37.7 113.1#

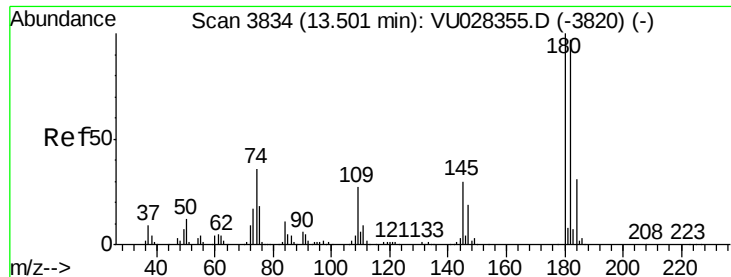


Abundance

Ion 116.80 (116.50 to 117.50): VU028478.D (-3412) (-)

Ion 200.70 (200.40 to 201.40): VU028478.D (-3412) (-)





#93

1,2,4-Trichlorobenzene

Concen: 0.236 ug/l

RT: 13.51 min Scan# 3836

Delta R.T. 0.01 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

Instrument :

MSVOA_U

ClientSampleId :

OK-02-120418-A

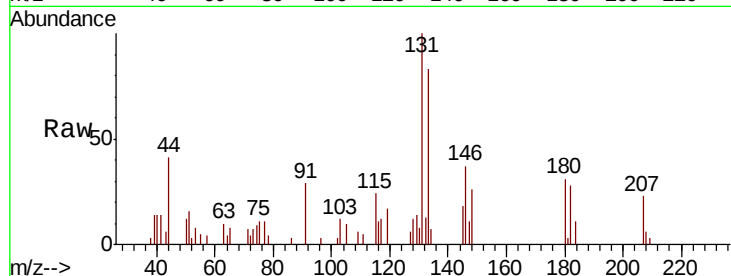
Tot Ion:180 Resp: 1703

Ion Ratio Lower Upper

180 100

182 92.2 48.3 144.9

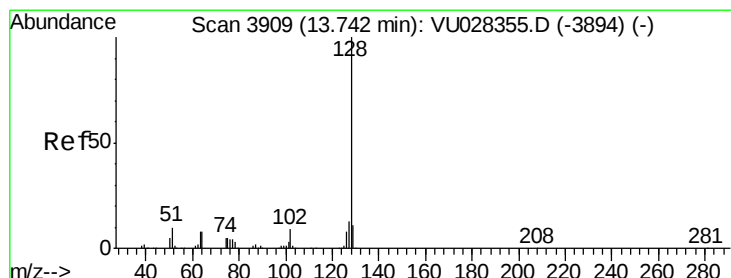
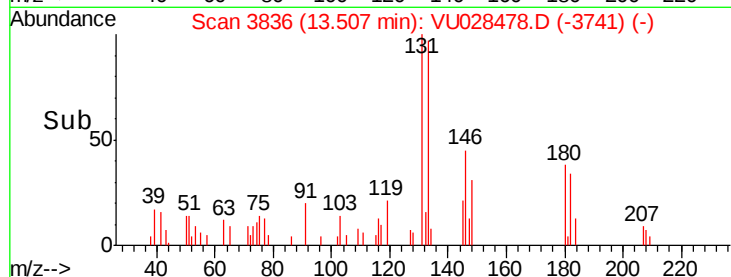
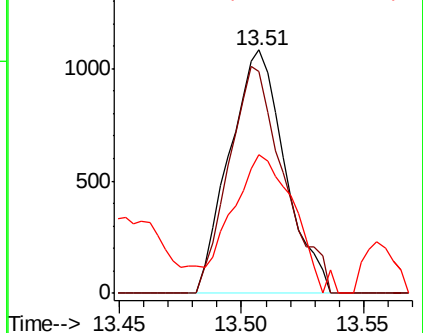
145 63.9 15.2 45.5#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 9.276 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU028478.D

Acq: 05 Dec 2018 14:25

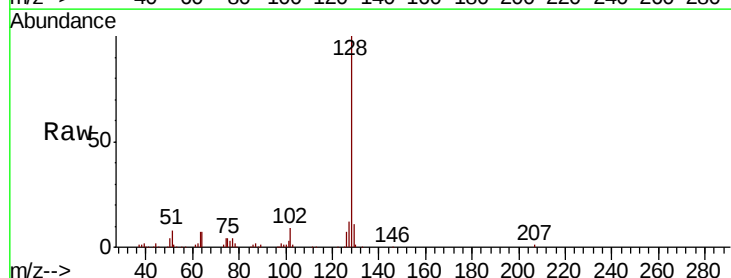
Tgt Ion:128 Resp: 189717

Ion Ratio Lower Upper

128 100

127 12.4 10.6 15.8

129 11.1 8.6 12.8



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

