

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045044.D
 Acq On : 30 Sep 2021 14:06
 Operator : SY/MD
 Sample : M3908-03
 Misc : 5.85g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 16:08:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

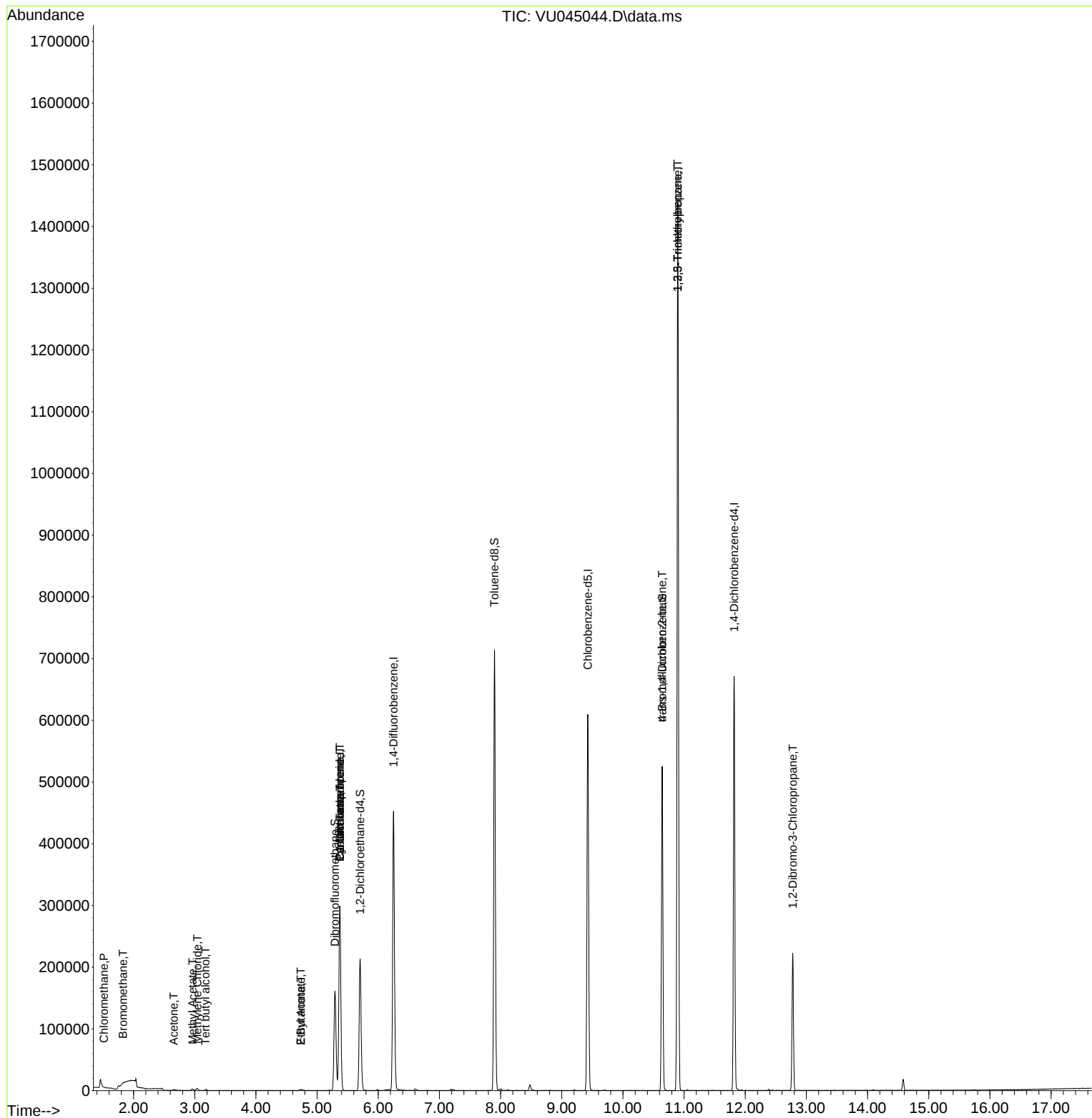
Internal Standards						
1) Pentafluorobenzene	5.372	168	209893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	378792	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	356296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	164183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	169105	48.400	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.800%		
35) Dibromofluoromethane	5.292	113	115591	48.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.740%		
50) Toluene-d8	7.899	98	481509	50.999	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.000%		
62) 4-Bromofluorobenzene	10.642	95	179604	46.076	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.160%		
Target Compounds						Qvalue
3) Chloromethane	1.517	50	973	0.289	ug/l #	87
5) Bromomethane	1.826	94	385	0.292	ug/l	95
11) Tert butyl alcohol	3.176	59	1115	1.112	ug/l #	72
16) Acetone	2.655	43	1136	0.548	ug/l #	83
18) Methyl Acetate	2.964	43	3948	0.651	ug/l #	87
20) Methylene Chloride	3.041	84	1863	0.596	ug/l	97
25) 2-Butanone	4.735	43	3227	1.095	ug/l	93
31) Cyclohexane	5.372	56	5235	0.986	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	20533	5.183	ug/l #	49
37) Ethyl Acetate	4.735	43	3227	0.616	ug/l #	69
38) Carbon Tetrachloride	5.372	117	21271	6.206	ug/l #	16
76) 1,2,3-Trichloropropane	10.896	75	20862	4.356	ug/l #	49
80) 1,3,5-Trimethylbenzene	10.896	105	5912	0.552	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.642	75	97446	56.470	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	12.777	75	8206	6.574	ug/l #	9

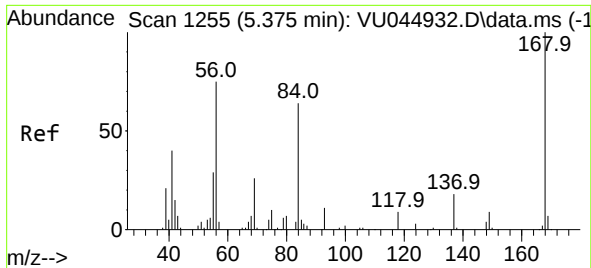
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 30 16:08:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

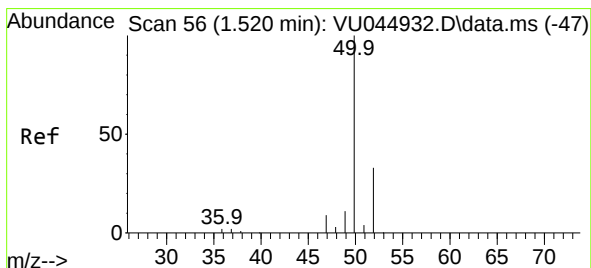
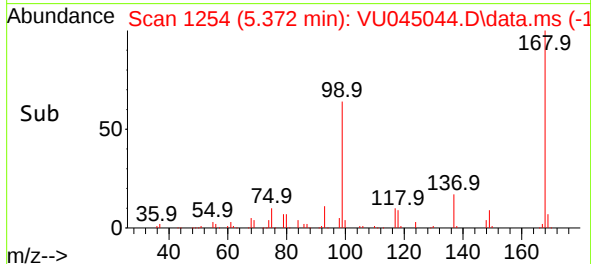
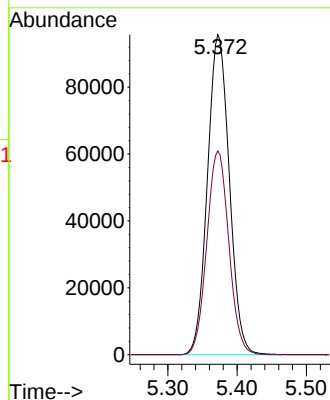
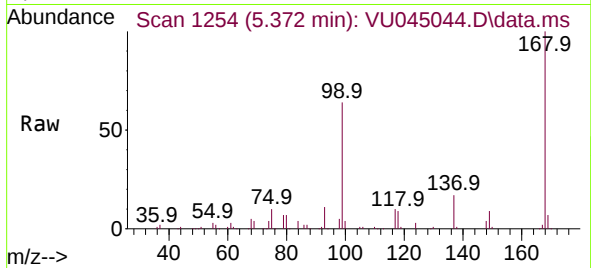




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.003 min
Lab File: VU045044.D
Acq: 30 Sep 2021 14:06

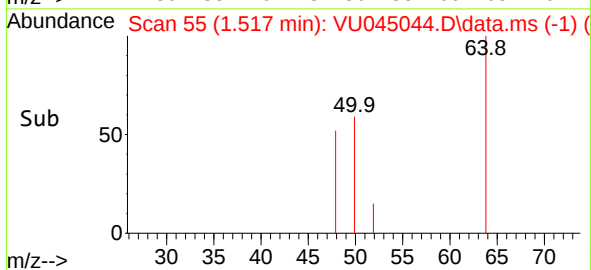
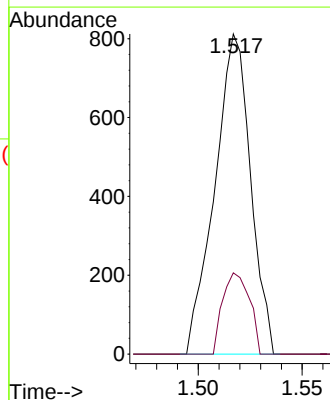
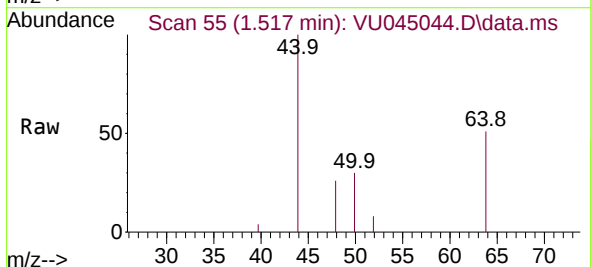
Instrument :
MSVOA_U
ClientSampled :

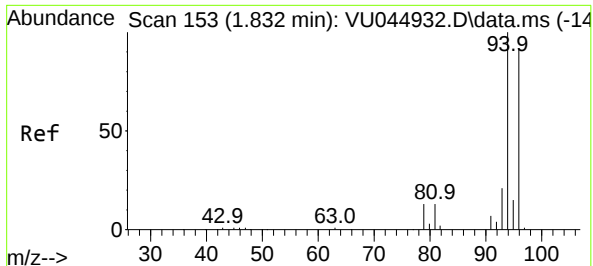
Tgt Ion:168 Resp: 209893
Ion Ratio Lower Upper
168 100
99 63.7 51.4 77.0



#3
Chloromethane
Concen: 0.289 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU045044.D
Acq: 30 Sep 2021 14:06

Tgt Ion: 50 Resp: 973
Ion Ratio Lower Upper
50 100
52 25.4 26.3 39.5#

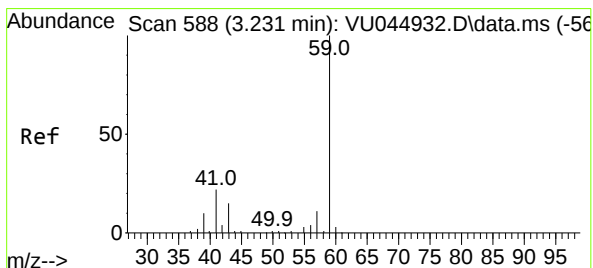
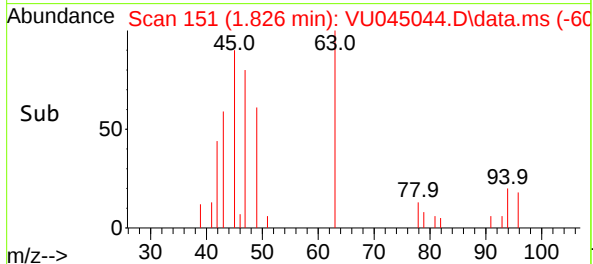
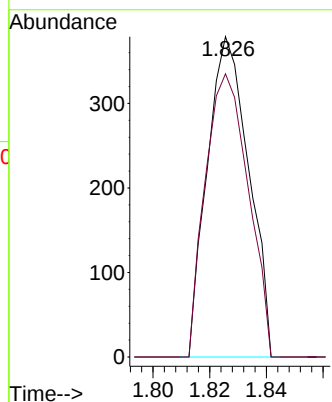
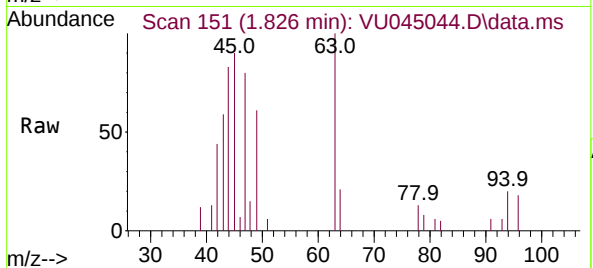




#5
Bromomethane
Concen: 0.292 ug/l
RT: 1.826 min Scan# 151
Delta R.T. -0.006 min
Lab File: VU045044.D
Acq: 30 Sep 2021 14:06

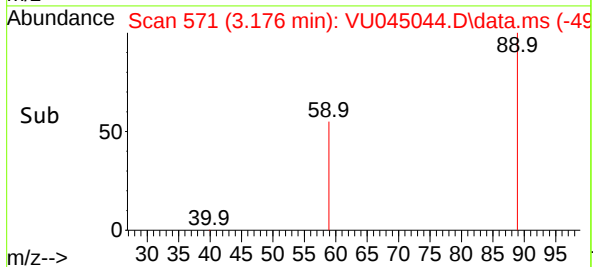
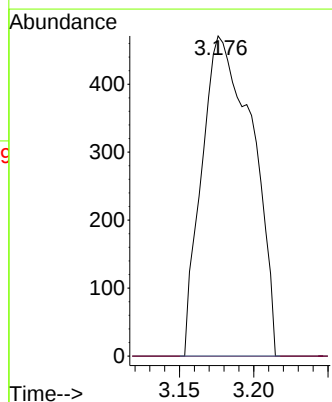
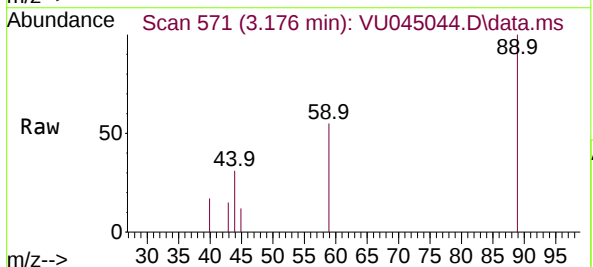
Instrument :
MSVOA_U
ClientSampled :

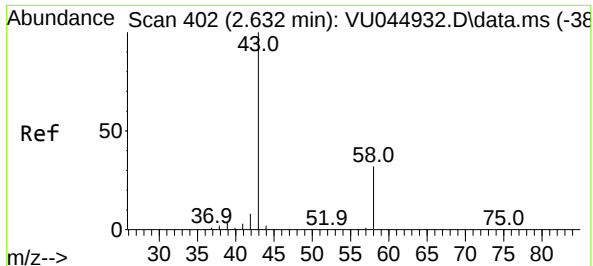
Tgt Ion: 94 Resp: 385
Ion Ratio Lower Upper
94 100
96 88.4 74.5 111.7



#11
Tert butyl alcohol
Concen: 1.112 ug/l
RT: 3.176 min Scan# 571
Delta R.T. -0.055 min
Lab File: VU045044.D
Acq: 30 Sep 2021 14:06

Tgt Ion: 59 Resp: 1115
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

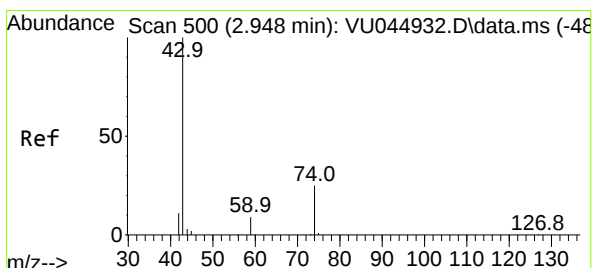
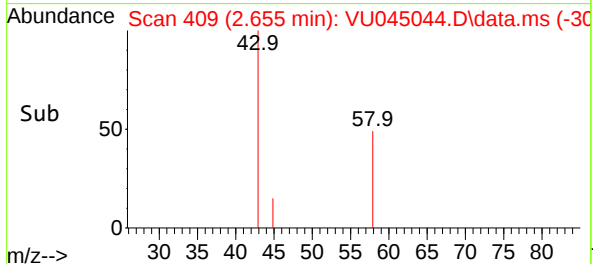
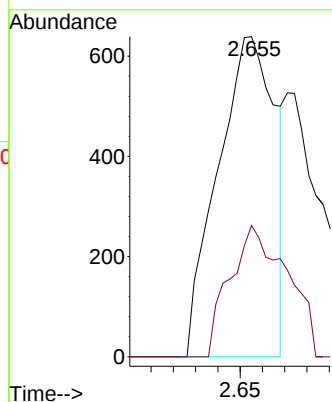
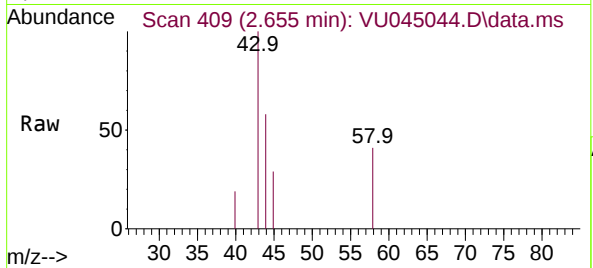




#16
Acetone
Concen: 0.548 ug/l
RT: 2.655 min Scan# 409
Delta R.T. 0.023 min
Lab File: VU045044.D
Acq: 30 Sep 2021 14:06

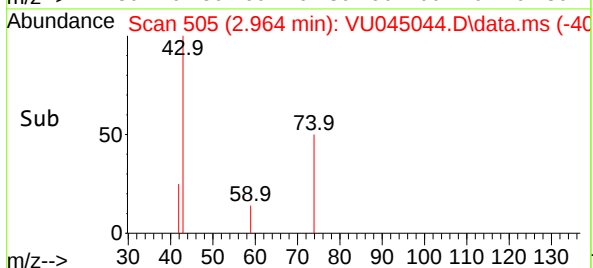
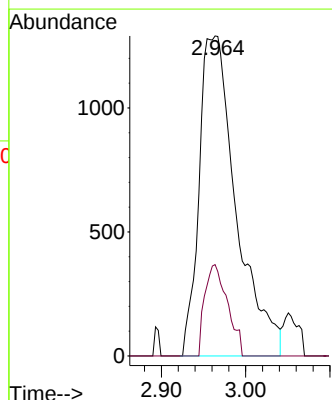
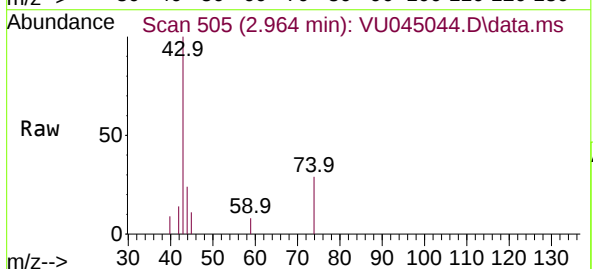
Instrument :
MSVOA_U
ClientSampled :

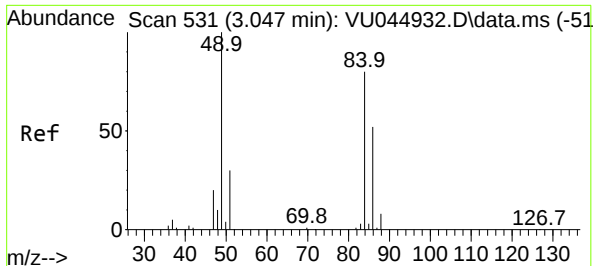
Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
58 41.0 25.2 37.8#



#18
Methyl Acetate
Concen: 0.651 ug/l
RT: 2.964 min Scan# 505
Delta R.T. 0.016 min
Lab File: VU045044.D
Acq: 30 Sep 2021 14:06

Tgt Ion: 43 Resp: 3948
Ion Ratio Lower Upper
43 100
74 17.4 19.0 28.6#

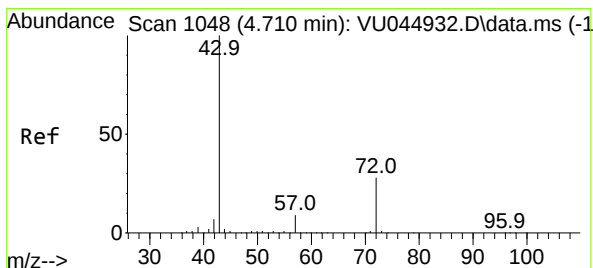
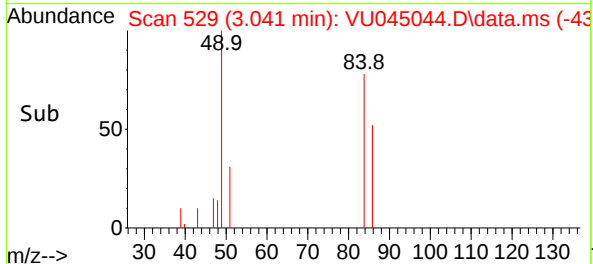
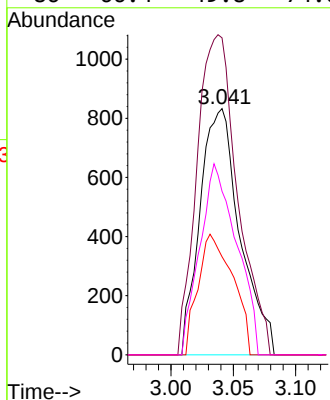
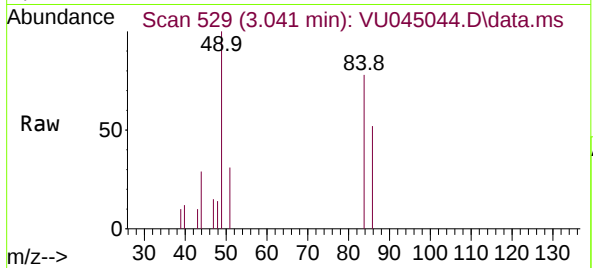




#20
Methylene Chloride
Concen: 0.596 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.006 min
Lab File: VU045044.D
Acq: 30 Sep 2021 14:06

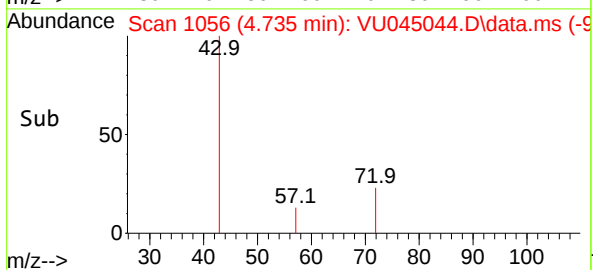
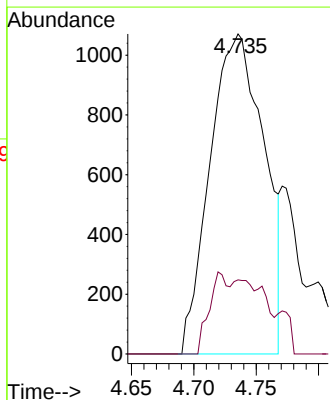
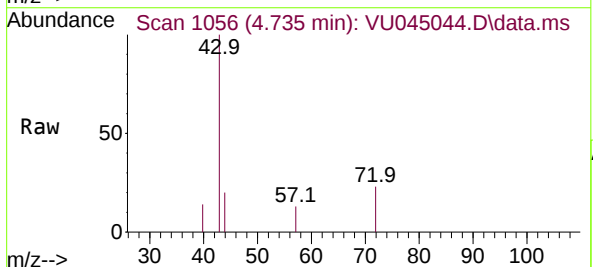
Instrument :
MSVOA_U
ClientSampled :

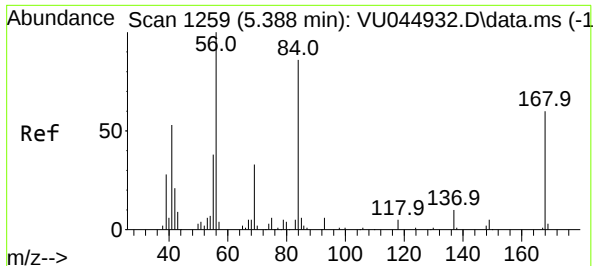
Tgt Ion:	84	Resp:	1863
Ion	Ratio	Lower	Upper
84	100		
49	128.7	104.9	157.3
51	39.9	31.8	47.8
86	66.4	49.8	74.6



#25
2-Butanone
Concen: 1.095 ug/l
RT: 4.735 min Scan# 1056
Delta R.T. 0.025 min
Lab File: VU045044.D
Acq: 30 Sep 2021 14:06

Tgt Ion:	43	Resp:	3227
Ion	Ratio	Lower	Upper
43	100		
72	23.2	21.3	31.9





#31

Cyclohexane

Concen: 0.986 ug/l

RT: 5.372 min Scan# 1254

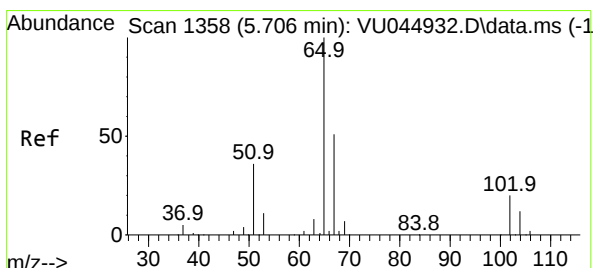
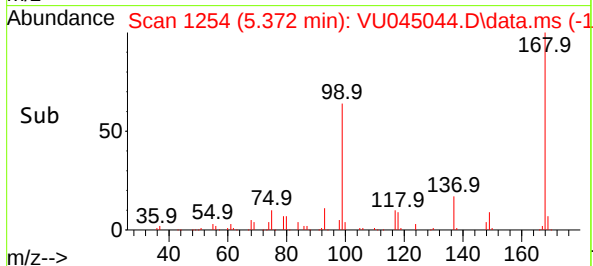
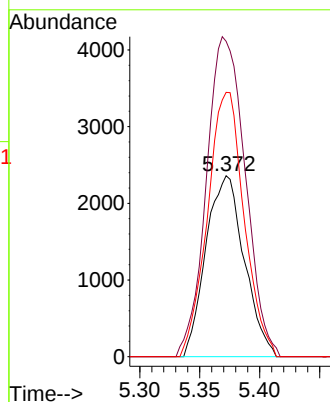
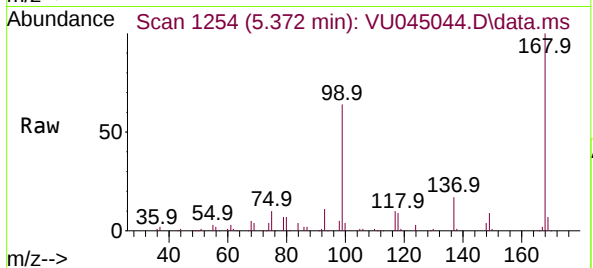
Delta R.T. -0.016 min

Lab File: VU045044.D

Acq: 30 Sep 2021 14:06

Tgt Ion:	56	Resp:	5235
Ion	Ratio	Lower	Upper
56	100		
69	174.3	25.2	37.8#
84	146.0	66.4	99.6#

Instrument :
MSVOA_U
ClientSampled :



#33

1,2-Dichloroethane-d4

Concen: 48.400 ug/l

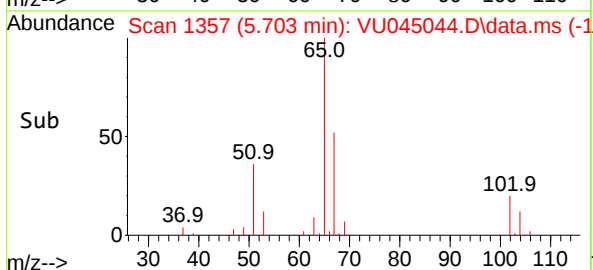
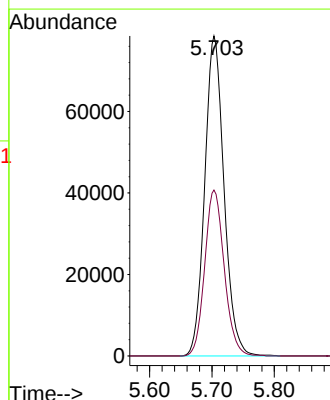
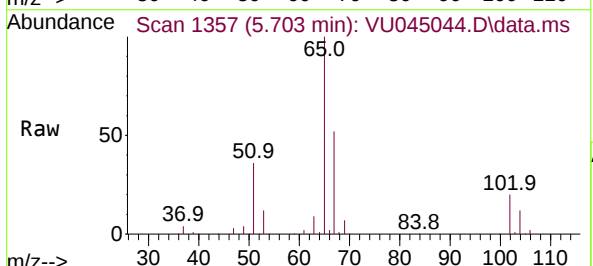
RT: 5.703 min Scan# 1357

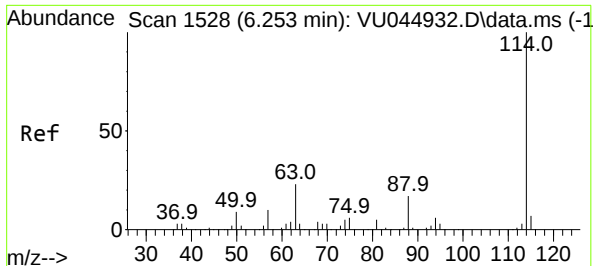
Delta R.T. -0.003 min

Lab File: VU045044.D

Acq: 30 Sep 2021 14:06

Tgt Ion:	65	Resp:	169105
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045044.D

Acq: 30 Sep 2021 14:06

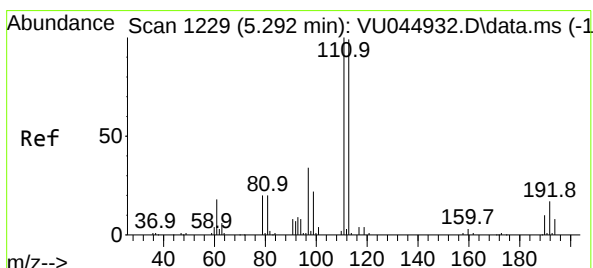
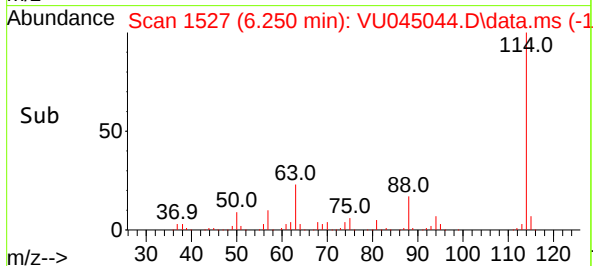
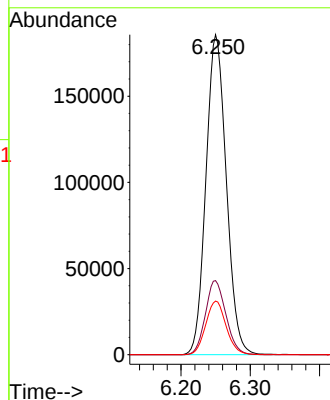
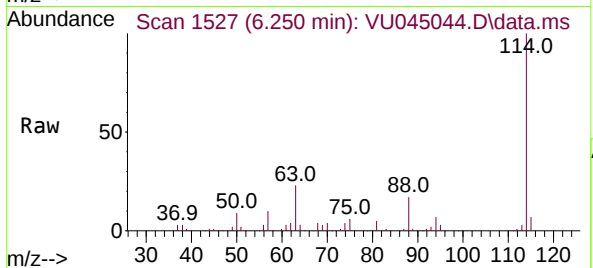
Tgt Ion:114 Resp: 378792

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.8

88 16.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.374 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045044.D

Acq: 30 Sep 2021 14:06

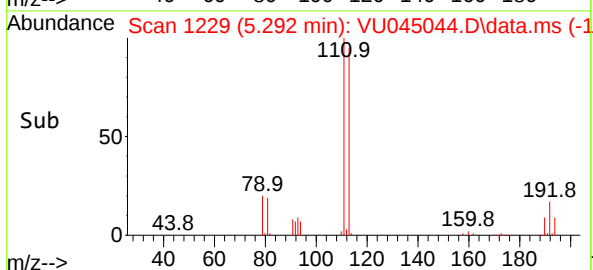
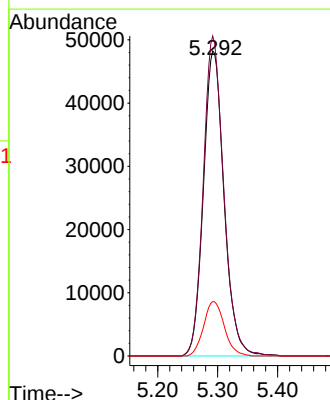
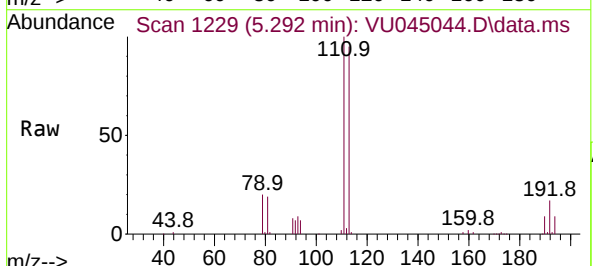
Tgt Ion:113 Resp: 115591

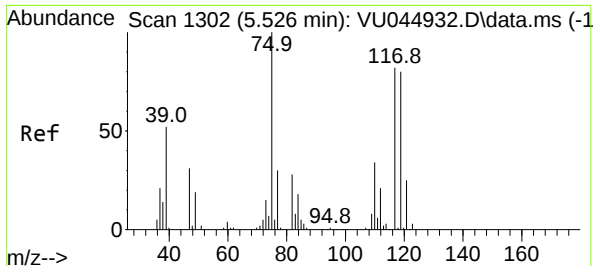
Ion Ratio Lower Upper

113 100

111 103.8 84.1 126.1

192 18.0 14.8 22.2

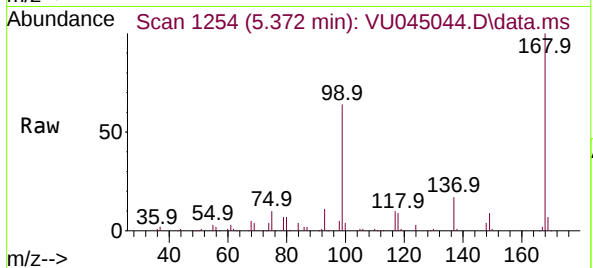




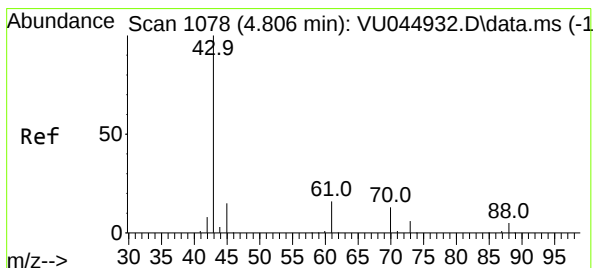
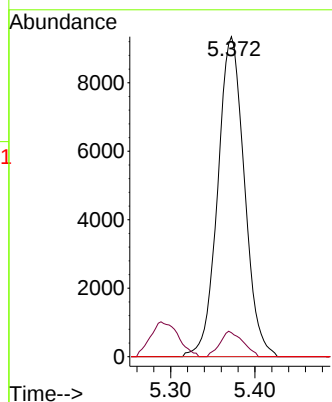
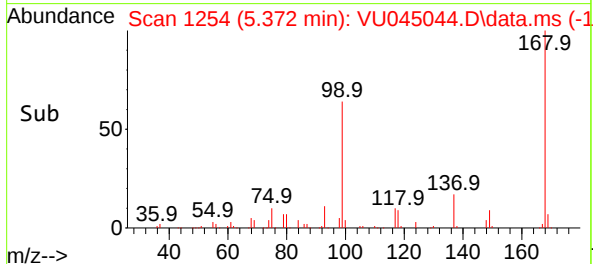
#36

1,1-Dichloropropene
Concen: 5.183 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU045044.D
Acq: 30 Sep 2021 14:06

Instrument :
MSVOA_U
ClientSampled :

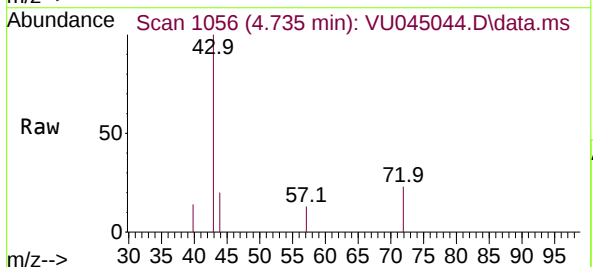


Tgt Ion: 75	Resp: 20533
Ion Ratio	Lower Upper
75 100	
110 6.8	16.3 48.9#
77 0.0	25.0 37.4#

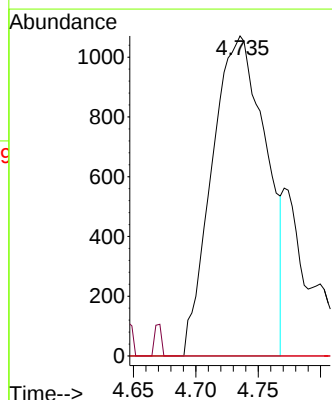
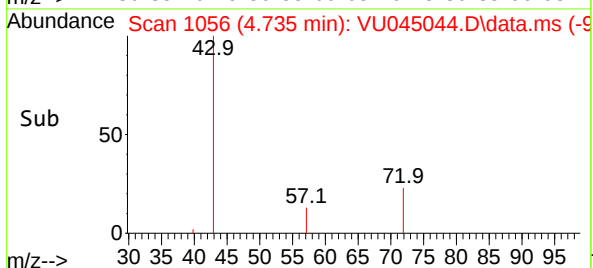


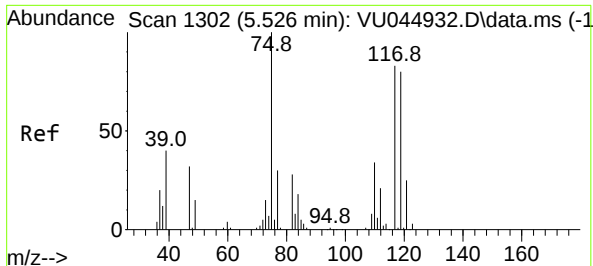
#37

Ethyl Acetate
Concen: 0.616 ug/l
RT: 4.735 min Scan# 1056
Delta R.T. -0.071 min
Lab File: VU045044.D
Acq: 30 Sep 2021 14:06



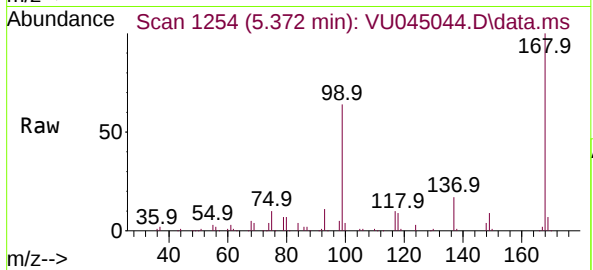
Tgt Ion: 43	Resp: 3227
Ion Ratio	Lower Upper
43 100	
61 0.0	10.9 16.3#
70 0.0	8.2 12.4#



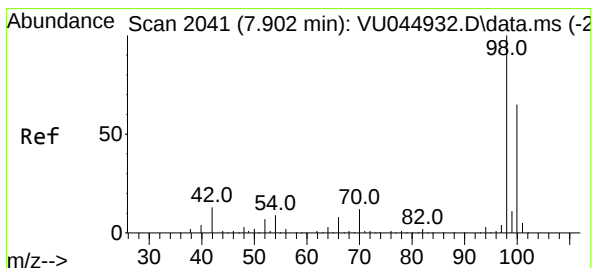
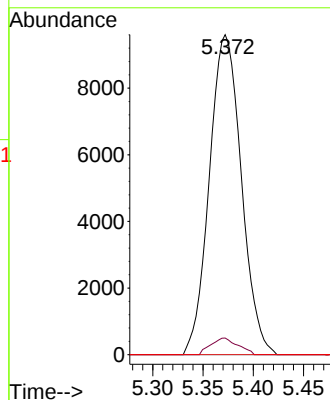
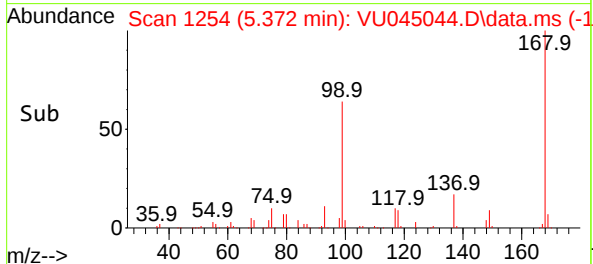


#38
Carbon Tetrachloride
Concen: 6.206 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU045044.D
Acq: 30 Sep 2021 14:06

Instrument :
MSVOA_U
ClientSampleId :

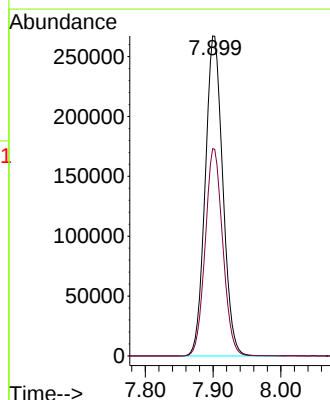
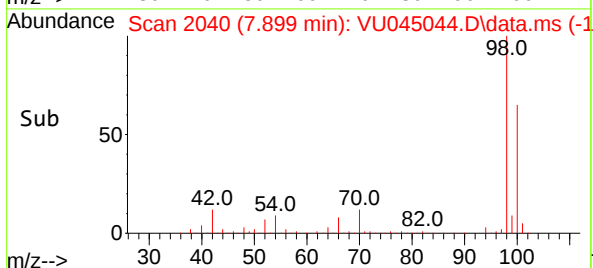
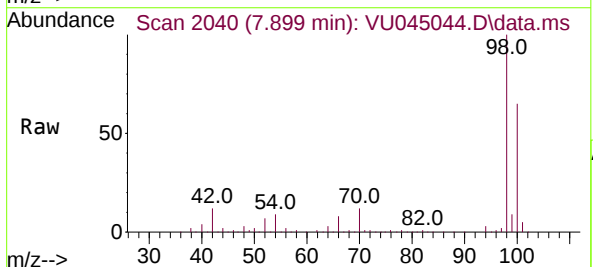


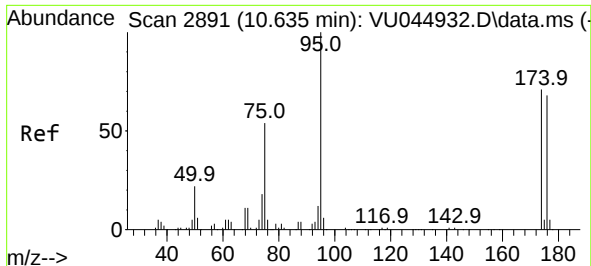
Tgt Ion:117 Resp: 21271
Ion Ratio Lower Upper
117 100
119 5.2 77.4 116.2#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.999 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045044.D
Acq: 30 Sep 2021 14:06

Tgt Ion: 98 Resp: 481509
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7

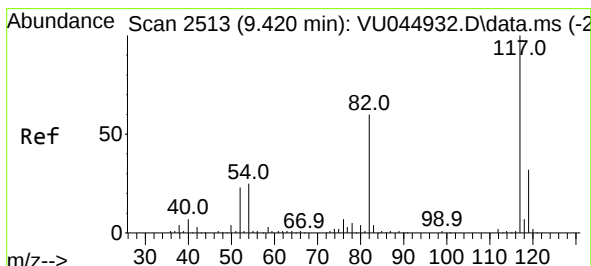
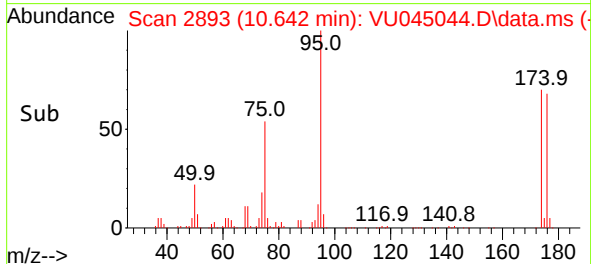
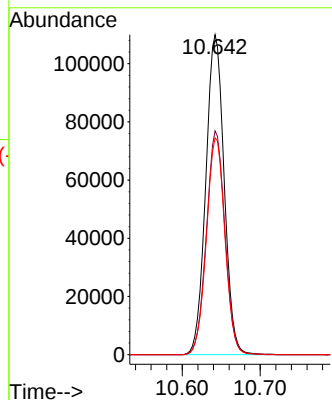
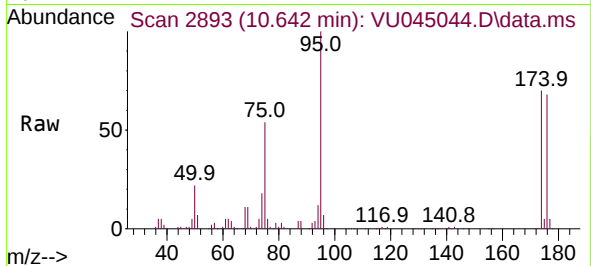




#62
4-Bromofluorobenzene
Concen: 46.076 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.007 min
Lab File: VU045044.D
Acq: 30 Sep 2021 14:06

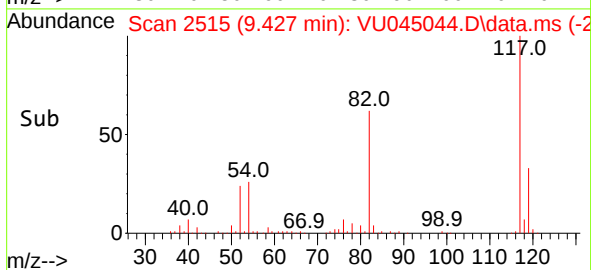
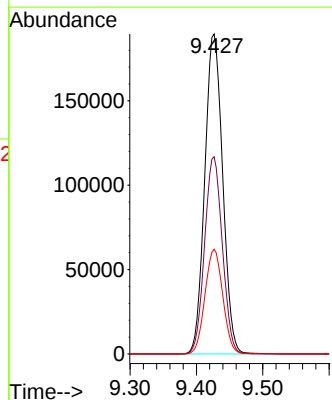
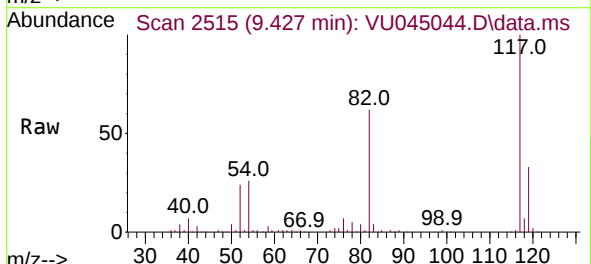
Instrument :
MSVOA_U
ClientSampled :

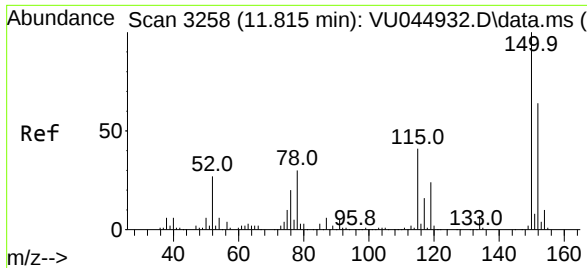
Tgt Ion: 95 Resp: 179604
Ion Ratio Lower Upper
95 100
174 70.8 0.0 146.6
176 68.3 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.007 min
Lab File: VU045044.D
Acq: 30 Sep 2021 14:06

Tgt Ion: 117 Resp: 356296
Ion Ratio Lower Upper
117 100
82 61.6 47.8 71.8
119 32.8 25.8 38.6

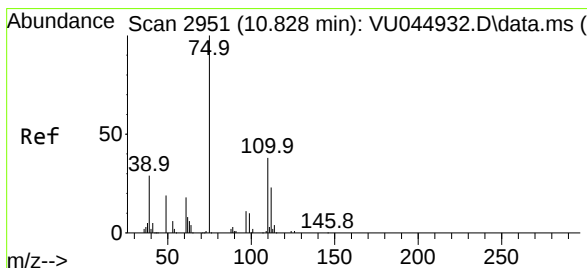
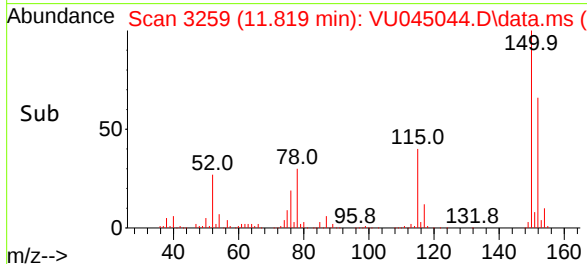
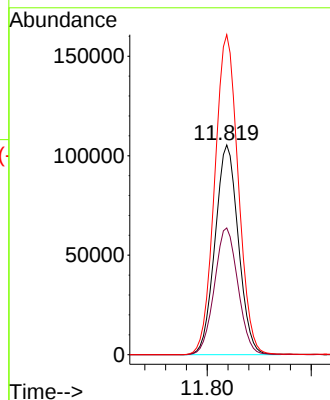
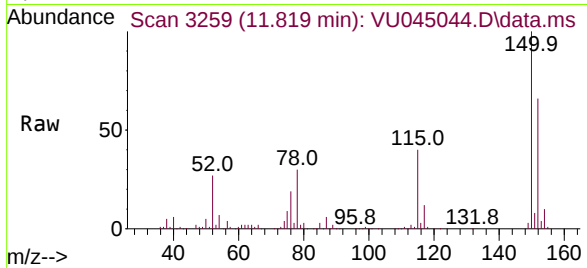




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.004 min
 Lab File: VU045044.D
 Acq: 30 Sep 2021 14:06

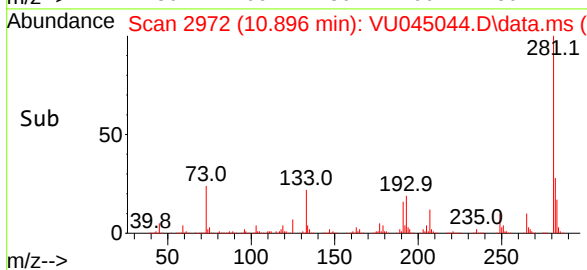
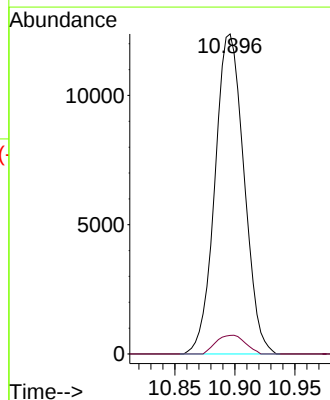
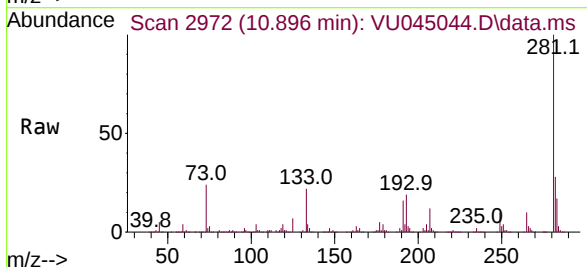
Instrument :
 MSVOA_U
 ClientSampled :

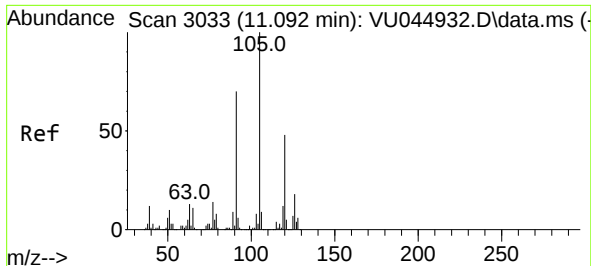
Tgt Ion:152 Resp: 164183
 Ion Ratio Lower Upper
 152 100
 115 61.1 43.5 130.7
 150 154.3 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 4.356 ug/l
 RT: 10.896 min Scan# 2972
 Delta R.T. 0.068 min
 Lab File: VU045044.D
 Acq: 30 Sep 2021 14:06

Tgt Ion: 75 Resp: 20862
 Ion Ratio Lower Upper
 75 100
 77 5.9 17.9 53.7#

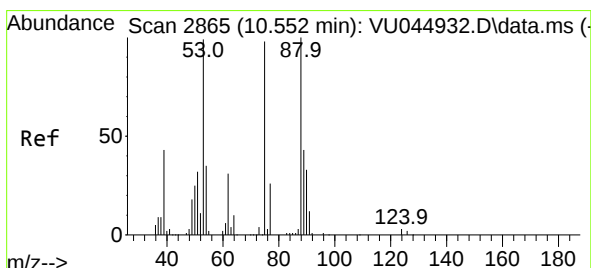
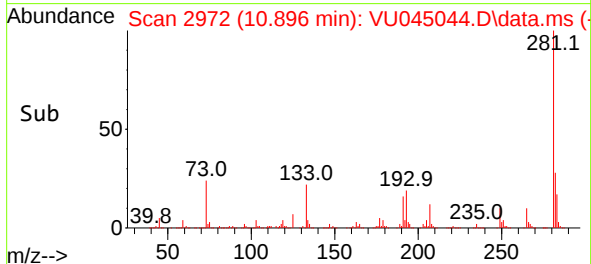
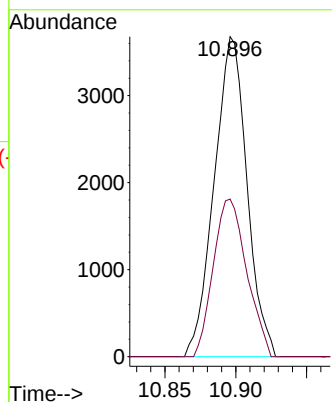
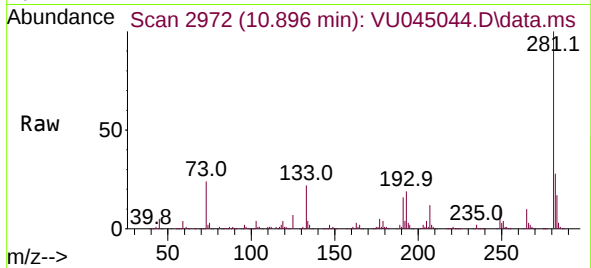




#80
1,3,5-Trimethylbenzene
Concen: 0.552 ug/l
RT: 10.896 min Scan# 2972
Delta R.T. -0.196 min
Lab File: VU045044.D
Acq: 30 Sep 2021 14:06

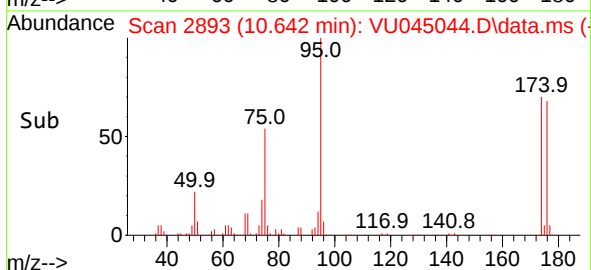
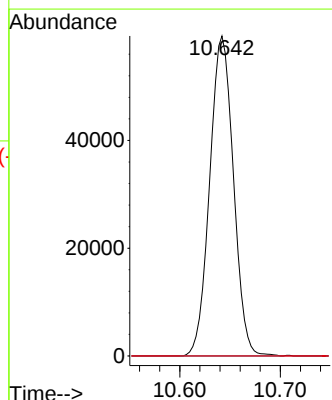
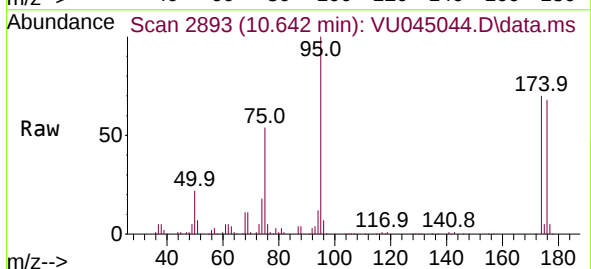
Instrument :
MSVOA_U
ClientSampled :

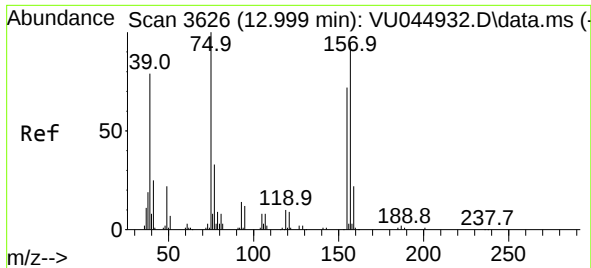
Tgt Ion:105 Resp: 5912
Ion Ratio Lower Upper
105 100
120 50.2 24.1 72.2



#81
trans-1,4-Dichloro-2-butene
Concen: 56.470 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.090 min
Lab File: VU045044.D
Acq: 30 Sep 2021 14:06

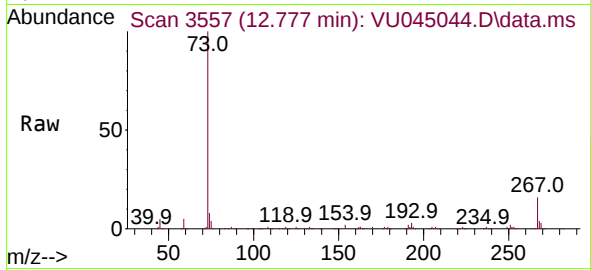
Tgt Ion: 75 Resp: 97446
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.574 ug/l
 RT: 12.777 min Scan# 3557
 Delta R.T. -0.222 min
 Lab File: VU045044.D
 Acq: 30 Sep 2021 14:06

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	8206
Ion	Ratio	Lower	Upper
75	100		
155	5.4	36.9	110.6#
157	0.0	47.8	143.3#

