

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044912.D
 Acq On : 28 Sep 2021 01:31
 Operator : SY/MD
 Sample : M3859-03DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 1029-MW-03ADL

Quant Time: Sep 28 06:30:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

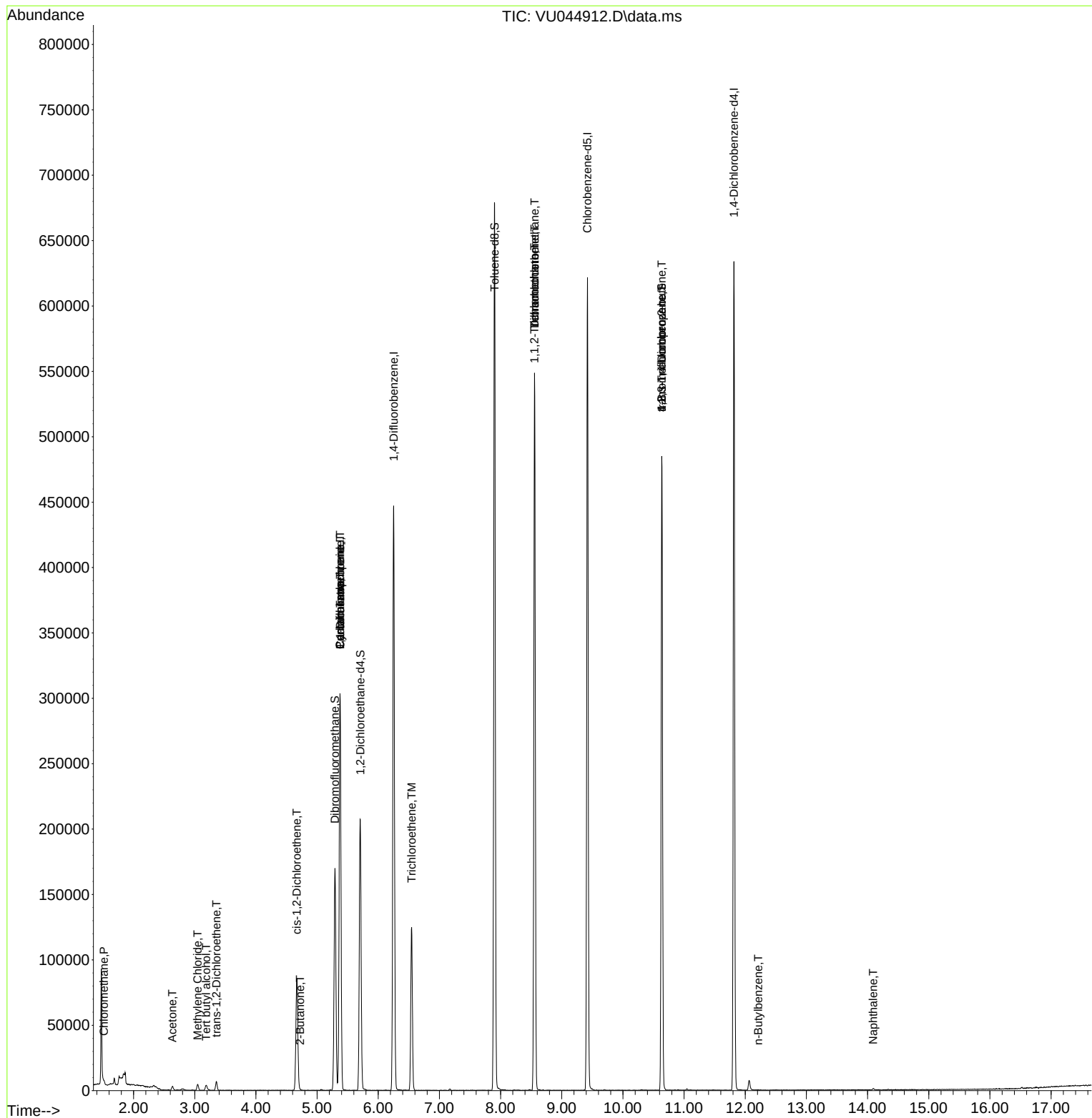
Internal Standards						
1) Pentafluorobenzene	5.375	168	199198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	347297	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	319540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	152312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	156139	44.912	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.820%	
35) Dibromofluoromethane	5.292	113	107536	45.135	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.280%	
50) Toluene-d8	7.903	98	434422	48.279	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.560%	
62) 4-Bromofluorobenzene	10.636	95	160878	48.136	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	834	0.230	ug/l #	81
5) Bromomethane	1.839	94	664	Below Cal		84
6) Chloroethane	1.919	64	121	Below Cal	#	42
11) Tert butyl alcohol	3.186	59	2876	2.834	ug/l #	72
16) Acetone	2.633	43	3589	1.830	ug/l	95
20) Methylene Chloride	3.047	84	2207	0.695	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	2646	1.030	ug/l	88
25) 2-Butanone	4.723	43	644	0.216	ug/l #	48
27) cis-1,2-Dichloroethene	4.668	96	42597	13.639	ug/l	88
31) Cyclohexane	5.375	56	5398	1.081	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	18181	4.934	ug/l #	50
38) Carbon Tetrachloride	5.375	117	20689	6.280	ug/l #	15
44) Trichloroethene	6.546	130	39910	14.781	ug/l	97
55) 1,1,2-Trichloroethane	8.552	97	1145	0.399	ug/l #	1
60) Dibromochloromethane	8.555	129	110937	40.341	ug/l #	10
64) Tetrachloroethene	8.555	164	113516	52.410	ug/l	96
76) 1,2,3-Trichloropropane	10.636	75	87952	19.069	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	87952	61.774	ug/l #	9
89) n-Butylbenzene	12.211	91	118	1.288	ug/l #	33
95) Naphthalene	14.092	128	1501	1.069	ug/l #	75

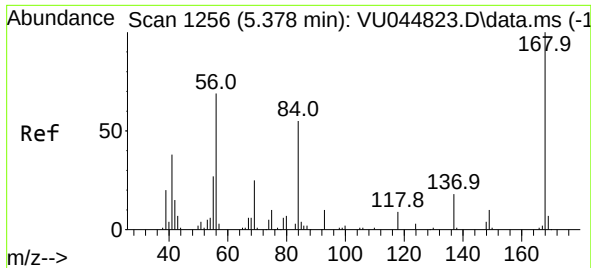
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 25 09:30:46 2021
Response via : Initial Calibration

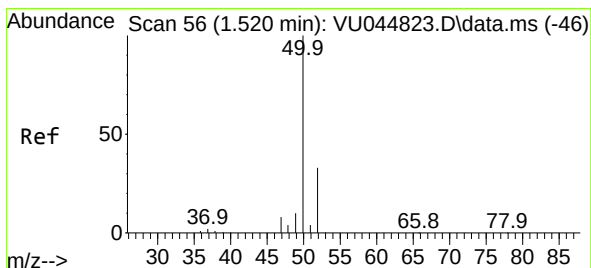
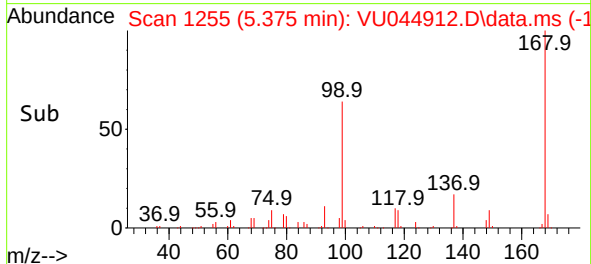
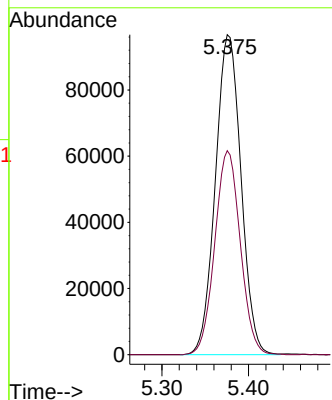
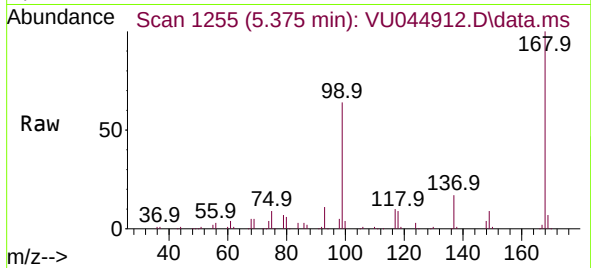




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

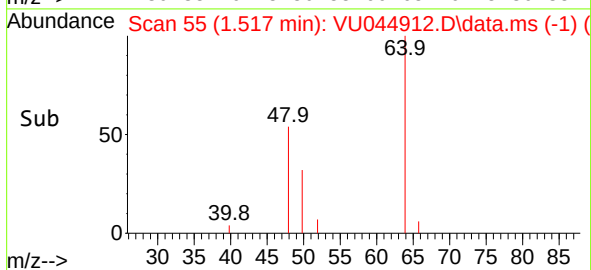
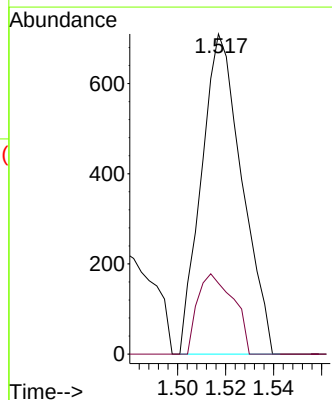
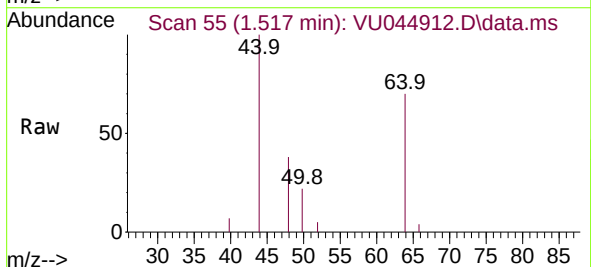
Instrument :
MSVOA_U
ClientSampleId :
1029-MW-03ADL

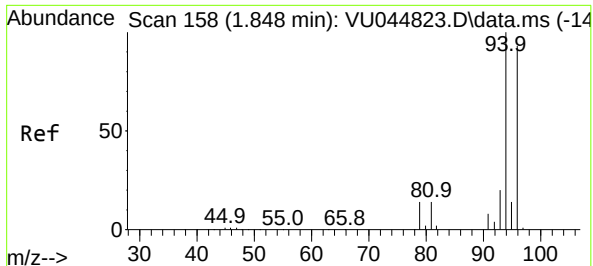
Tgt Ion:168 Resp: 199198
Ion Ratio Lower Upper
168 100
99 63.7 51.4 77.0



#3
Chloromethane
Concen: 0.230 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

Tgt Ion: 50 Resp: 834
Ion Ratio Lower Upper
50 100
52 22.1 26.3 39.5#

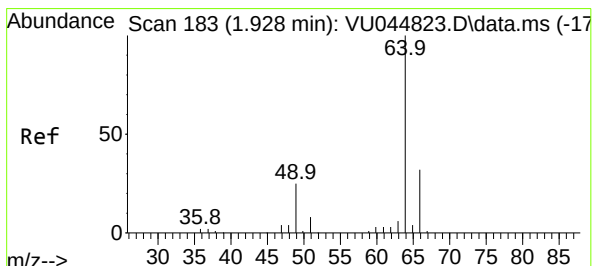
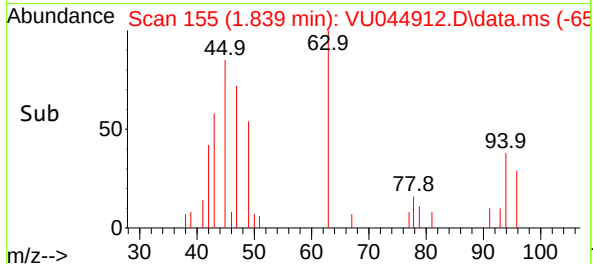
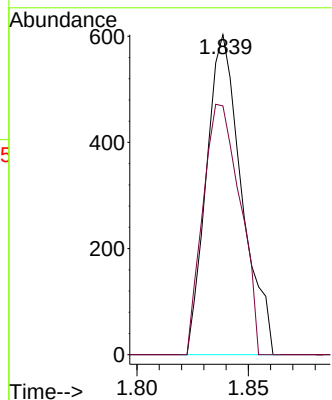
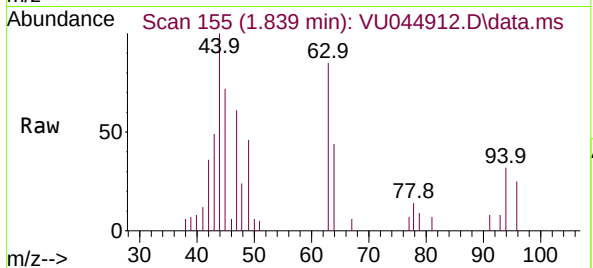




#5
Bromomethane
Concen: Below Cal
RT: 1.839 min Scan# 155
Delta R.T. -0.009 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

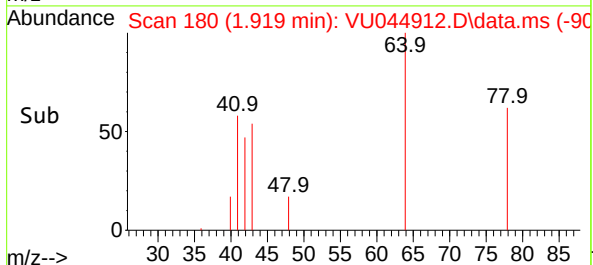
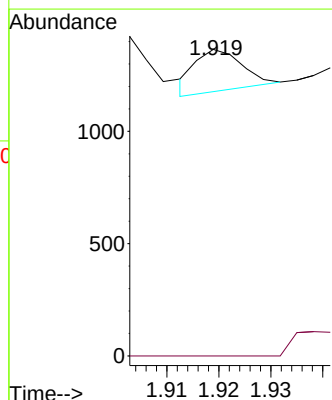
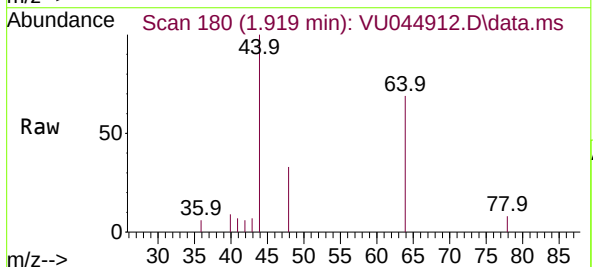
Instrument :
MSVOA_U
ClientSampleId :
1029-MW-03ADL

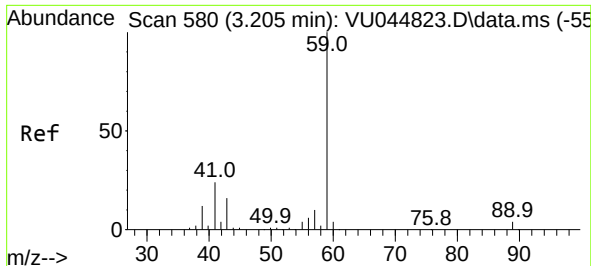
Tgt Ion: 94 Resp: 664
Ion Ratio Lower Upper
94 100
96 77.8 74.5 111.7



#6
Chloroethane
Concen: Below Cal
RT: 1.919 min Scan# 180
Delta R.T. -0.009 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

Tgt Ion: 64 Resp: 121
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#



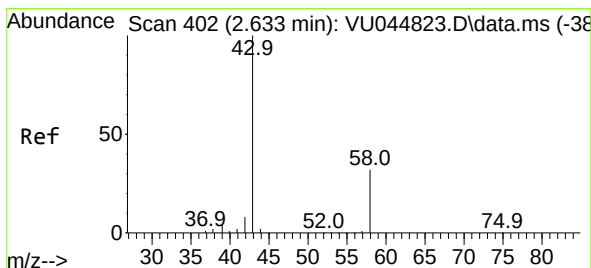
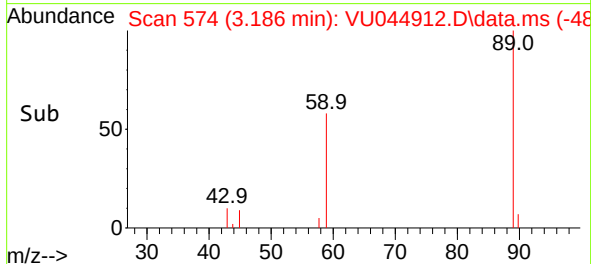
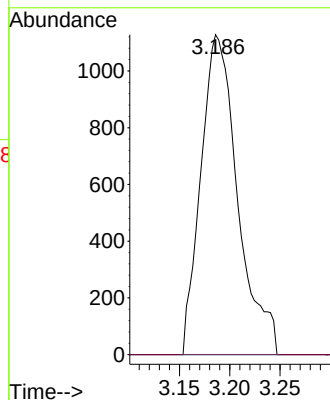
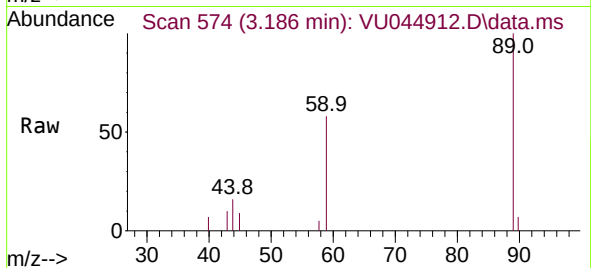


#11

Tert butyl alcohol
Concen: 2.834 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.019 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

Instrument :
MSVOA_U
ClientSampleId :
1029-MW-03ADL

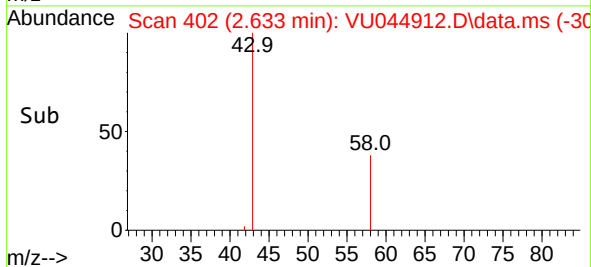
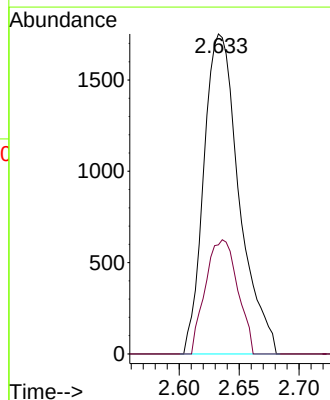
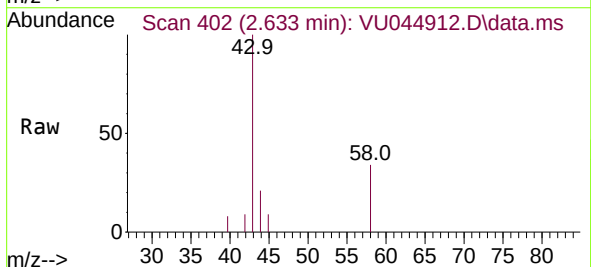
Tgt Ion: 59 Resp: 2876
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

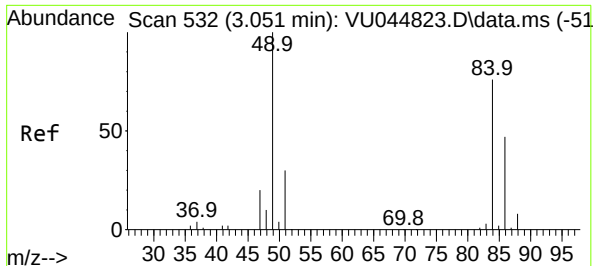


#16

Acetone
Concen: 1.830 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

Tgt Ion: 43 Resp: 3589
Ion Ratio Lower Upper
43 100
58 34.1 25.2 37.8



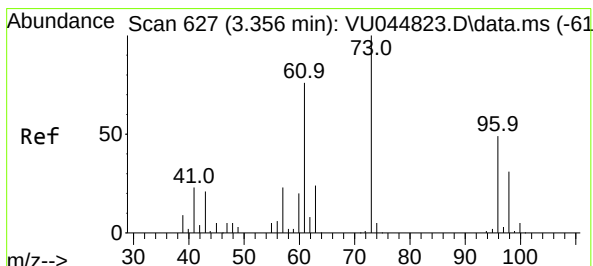
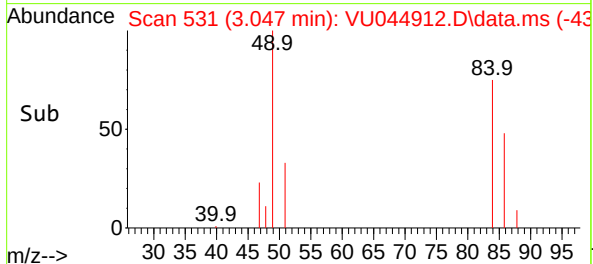
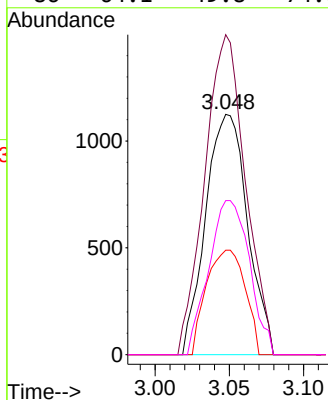
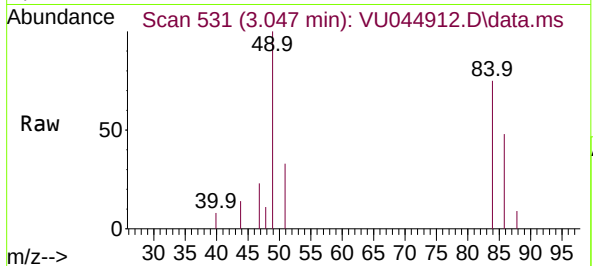


#20
Methylene Chloride
Concen: 0.695 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

Instrument :
MSVOA_U
ClientSampleId :
1029-MW-03ADL

Tgt Ion: 84 Resp: 2207

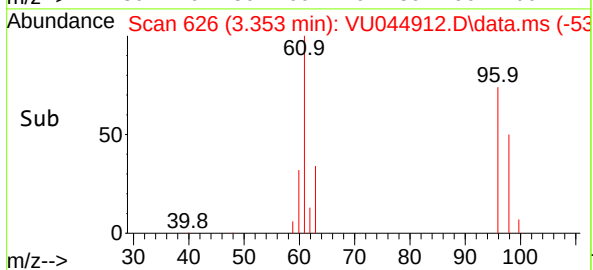
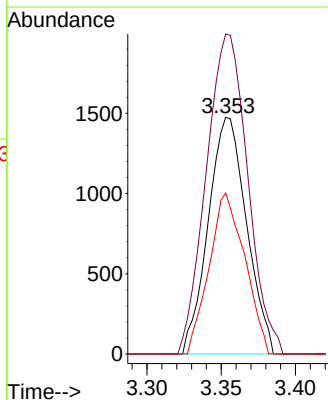
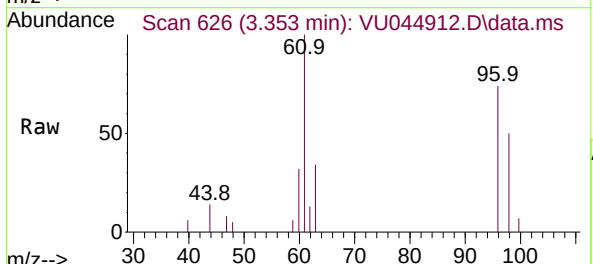
Ion	Ratio	Lower	Upper
84	100		
49	133.2	104.9	157.3
51	43.5	31.8	47.8
86	64.1	49.8	74.6

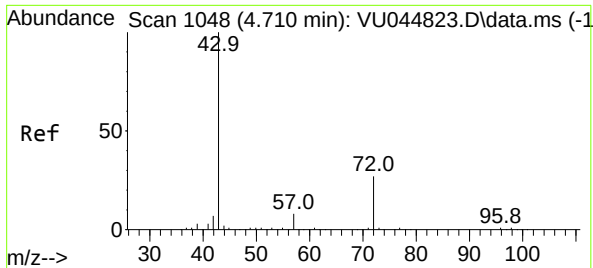


#21
trans-1,2-Dichloroethene
Concen: 1.030 ug/l
RT: 3.353 min Scan# 626
Delta R.T. -0.003 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

Tgt Ion: 96 Resp: 2646

Ion	Ratio	Lower	Upper
96	100		
61	135.3	123.2	184.8
98	68.0	51.0	76.6

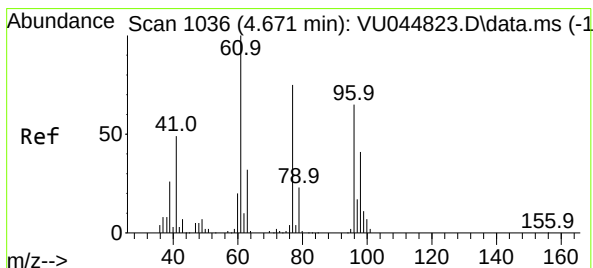
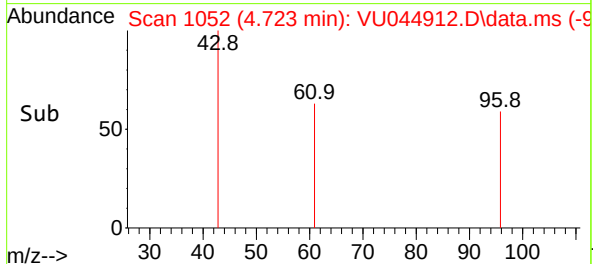
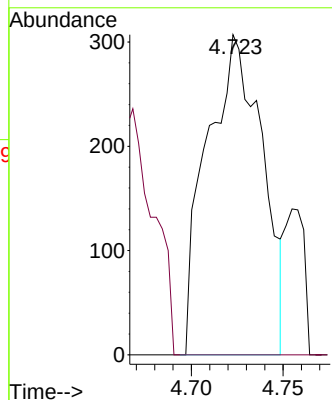
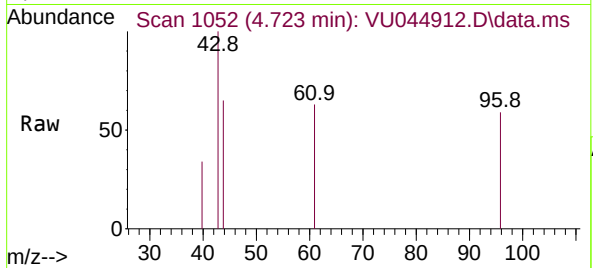




#25
2-Butanone
Concen: 0.216 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.013 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

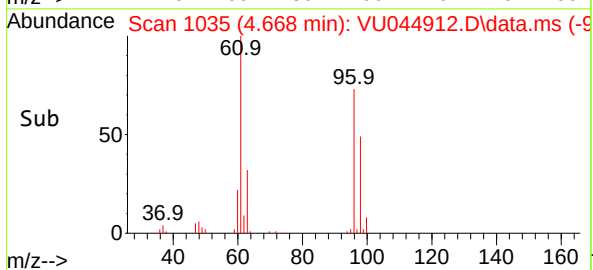
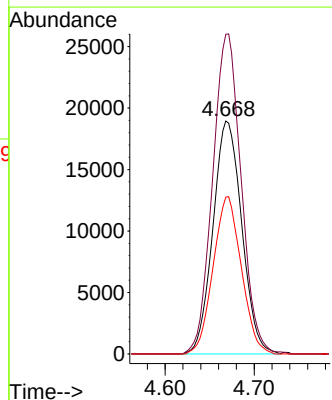
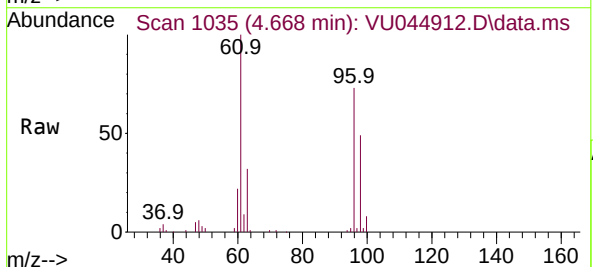
Instrument :
MSVOA_U
ClientSampleId :
1029-MW-03ADL

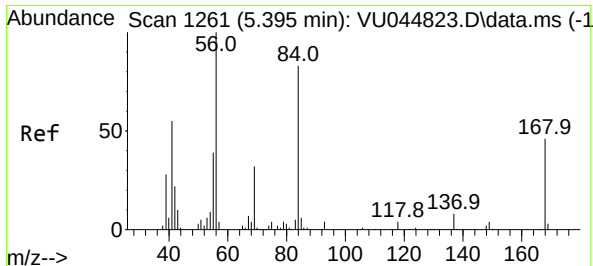
Tgt Ion: 43 Resp: 644
Ion Ratio Lower Upper
43 100
72 0.0 21.3 31.9#



#27
cis-1,2-Dichloroethene
Concen: 13.639 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

Tgt Ion: 96 Resp: 42597
Ion Ratio Lower Upper
96 100
61 135.7 0.0 313.4
98 66.1 0.0 127.0





#31

Cyclohexane

Concen: 1.081 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.019 min

Lab File: VU044912.D

Acq: 28 Sep 2021 01:31

Tgt Ion: 56 Resp: 5398

Ion Ratio Lower Upper

56 100

69 166.4 25.2 37.8#

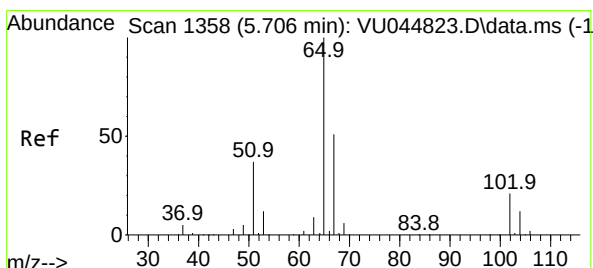
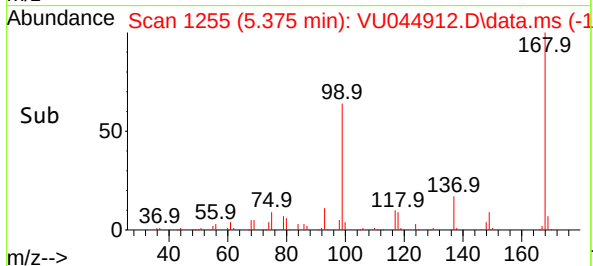
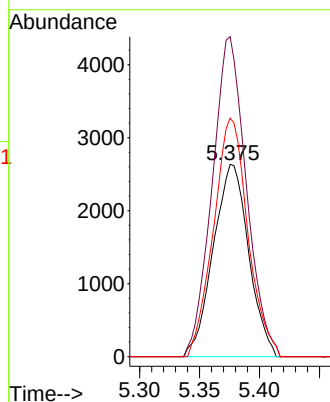
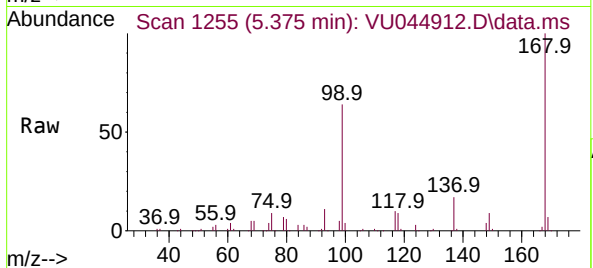
84 124.1 66.4 99.6#

Instrument :

MSVOA_U

ClientSampleId :

1029-MW-03ADL



#33

1,2-Dichloroethane-d4

Concen: 44.912 ug/l

RT: 5.707 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU044912.D

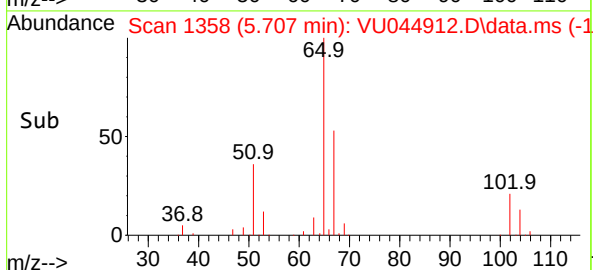
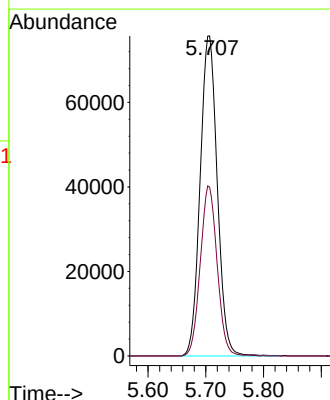
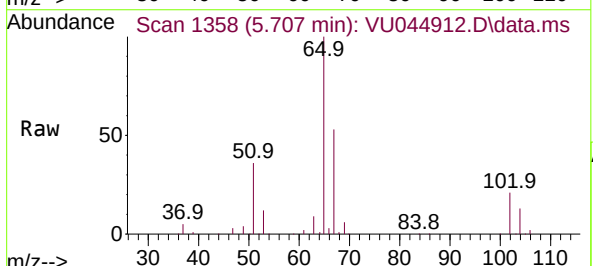
Acq: 28 Sep 2021 01:31

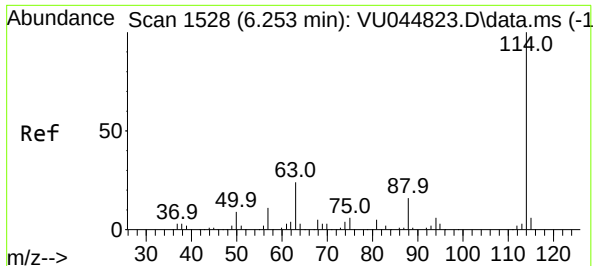
Tgt Ion: 65 Resp: 156139

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU044912.D

Acq: 28 Sep 2021 01:31

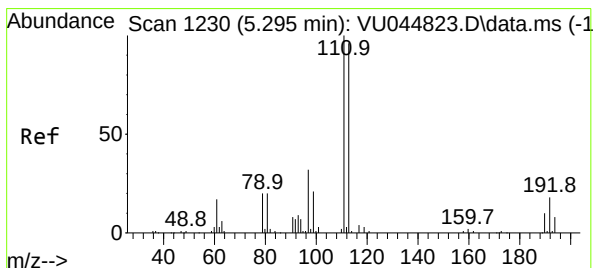
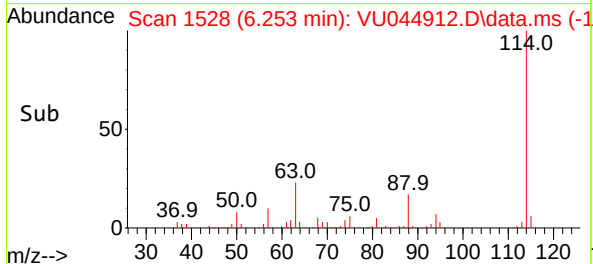
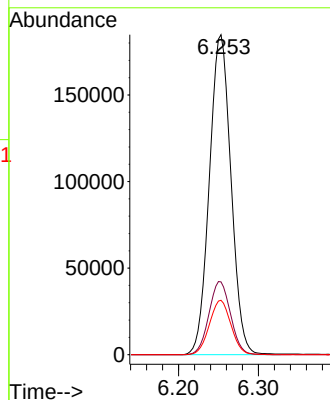
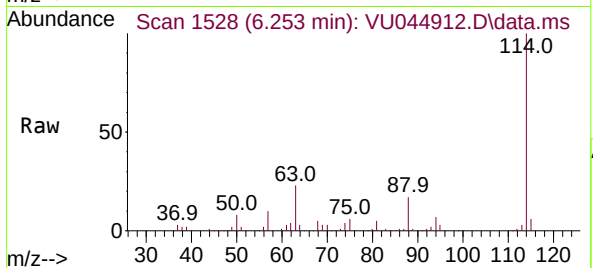
Tgt Ion:114 Resp: 347297

Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.8

88 17.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.135 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.003 min

Lab File: VU044912.D

Acq: 28 Sep 2021 01:31

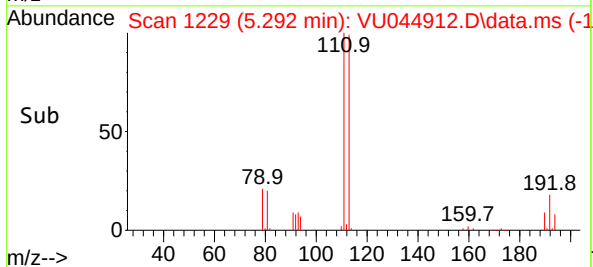
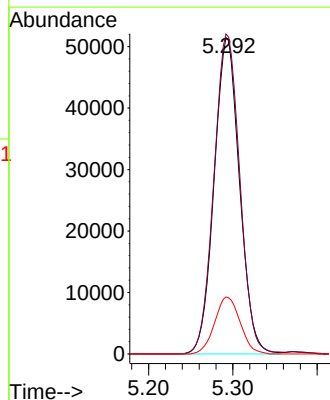
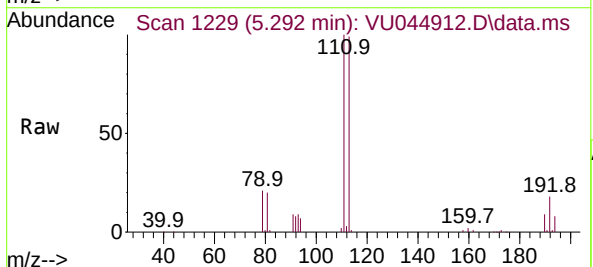
Tgt Ion:113 Resp: 107536

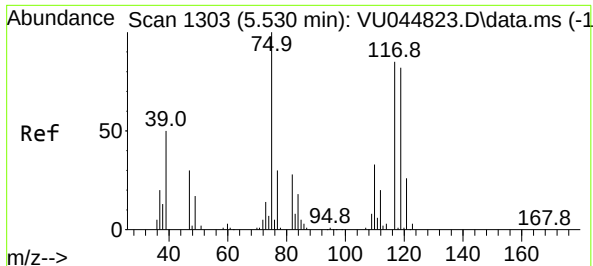
Ion Ratio Lower Upper

113 100

111 103.1 84.1 126.1

192 18.1 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.934 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU044912.D

Acq: 28 Sep 2021 01:31

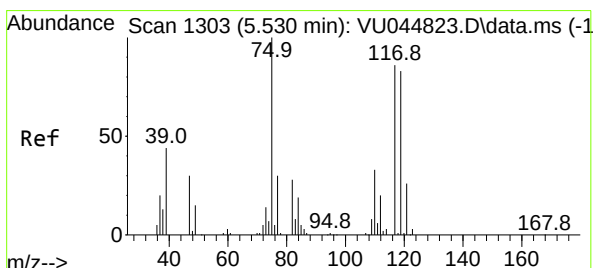
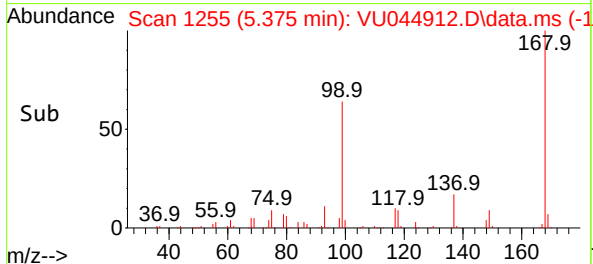
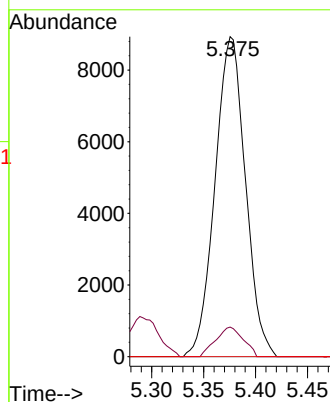
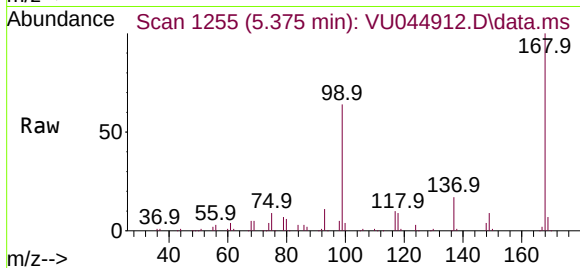
Instrument :

MSVOA_U

ClientSampleId :

1029-MW-03ADL

Tgt Ion:	75	Resp:	18181
Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.3	48.9#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 6.280 ug/l

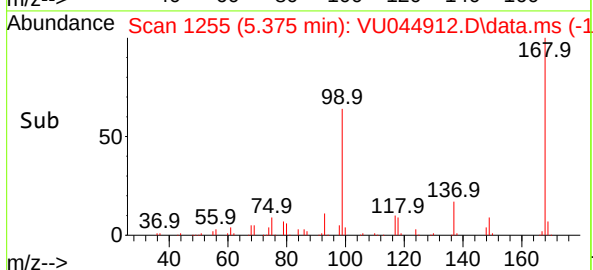
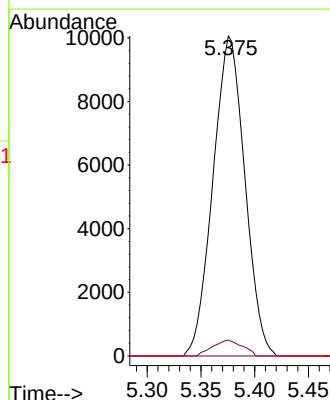
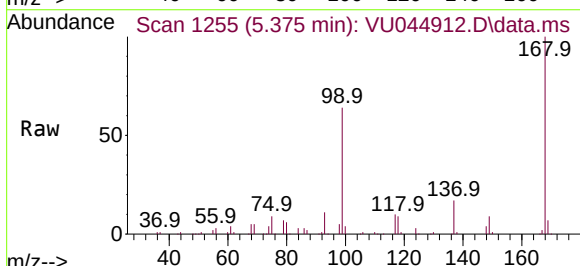
RT: 5.375 min Scan# 1255

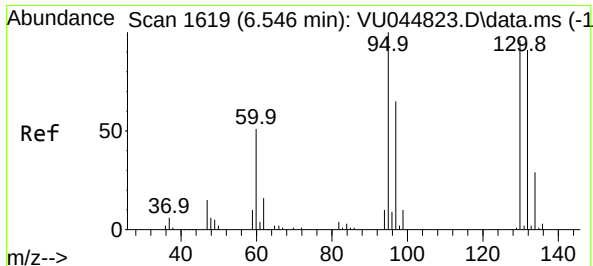
Delta R.T. -0.154 min

Lab File: VU044912.D

Acq: 28 Sep 2021 01:31

Tgt Ion:	117	Resp:	20689
Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.4	116.2#
121	0.0	24.5	36.7#

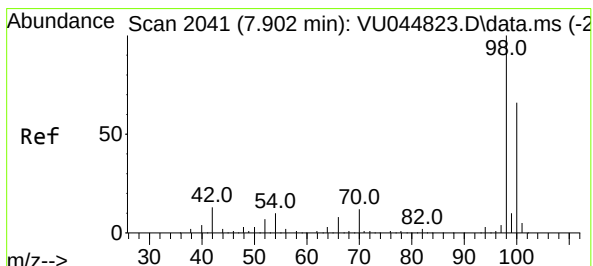
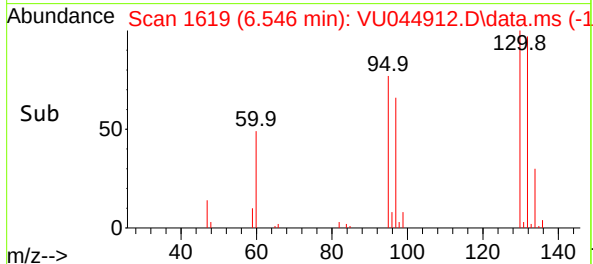
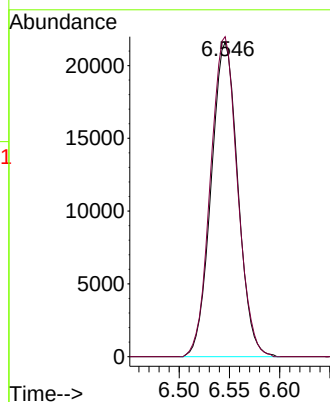
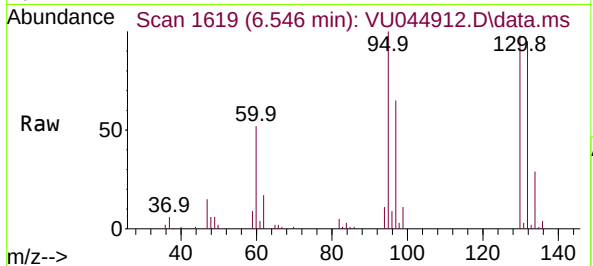




#44
Trichloroethene
Concen: 14.781 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

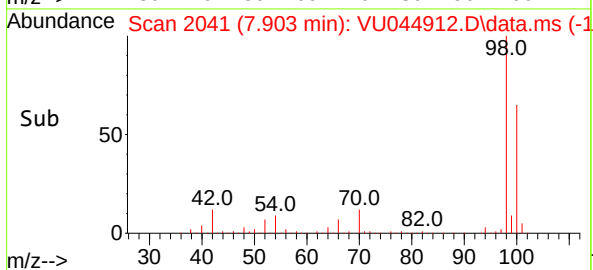
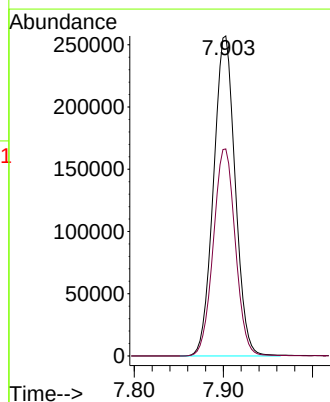
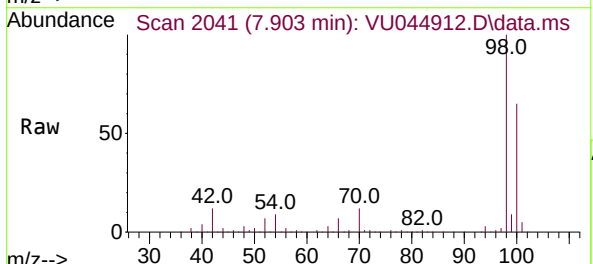
Instrument :
MSVOA_U
ClientSampleId :
1029-MW-03ADL

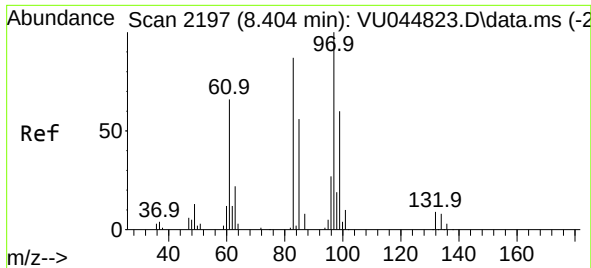
Tgt Ion:130 Resp: 39910
Ion Ratio Lower Upper
130 100
95 101.9 0.0 209.0



#50
Toluene-d8
Concen: 48.279 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

Tgt Ion: 98 Resp: 434422
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

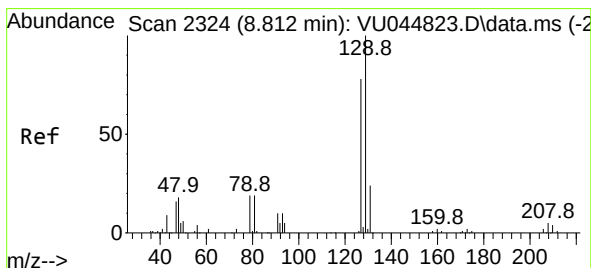
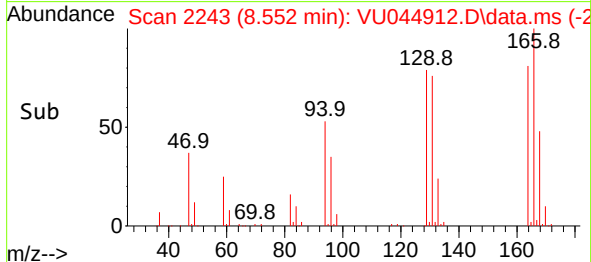
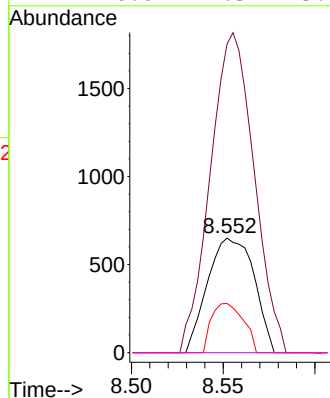
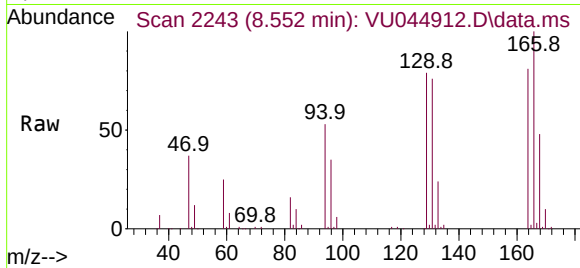




#55
1,1,2-Trichloroethane
Concen: 0.399 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.148 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

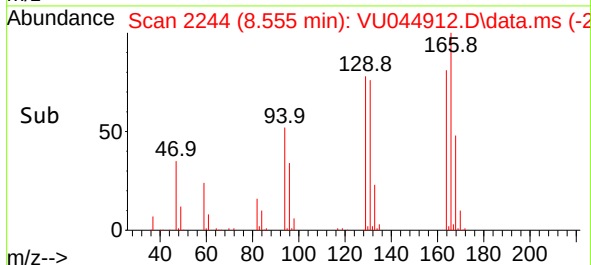
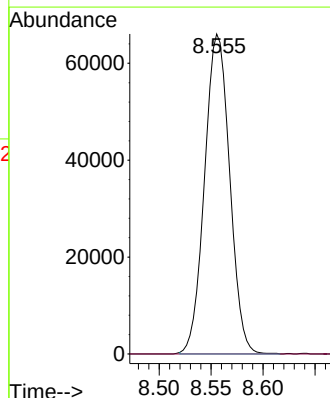
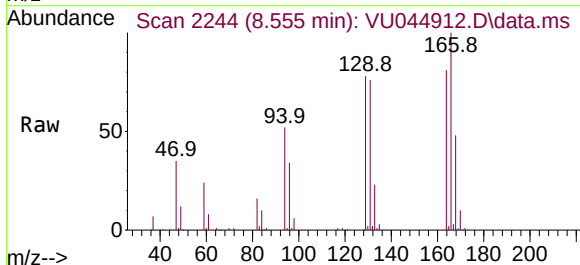
Instrument :
MSVOA_U
ClientSampleId :
1029-MW-03ADL

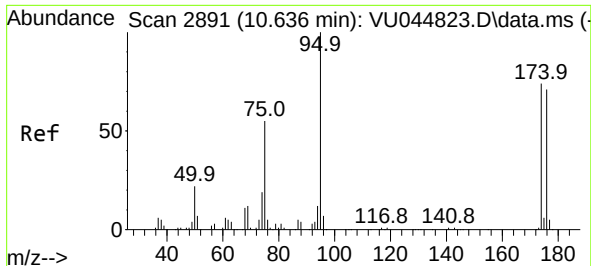
Tgt Ion:	97	Resp:	1145
Ion	Ratio	Lower	Upper
97	100		
83	269.7	69.7	104.5#
85	42.9	44.8	67.2#
99	0.0	49.3	73.9#



#60
Dibromochloromethane
Concen: 40.341 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

Tgt Ion:	129	Resp:	110937
Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.0	117.0#

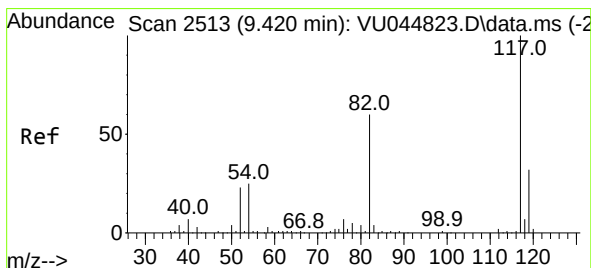
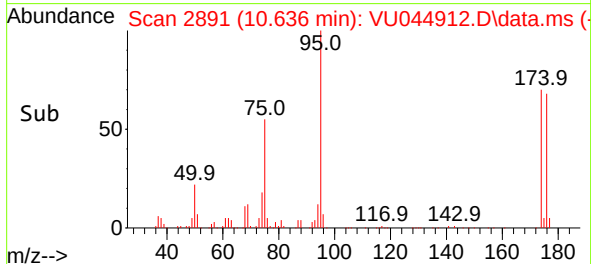
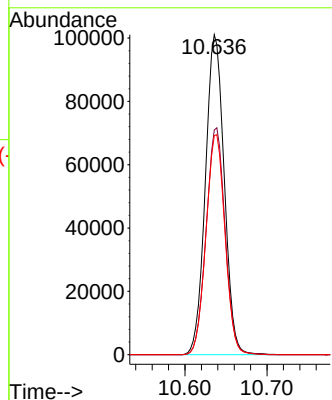
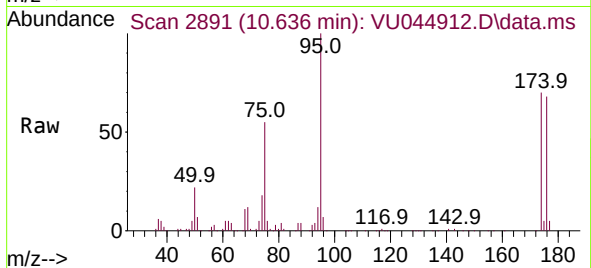




#62
4-Bromofluorobenzene
Concen: 48.136 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

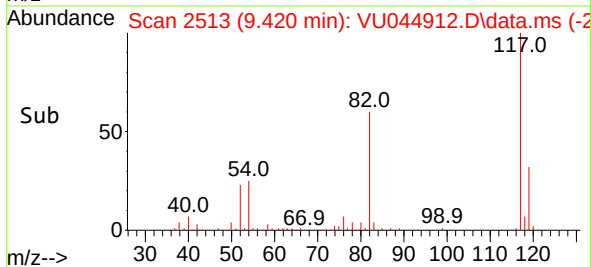
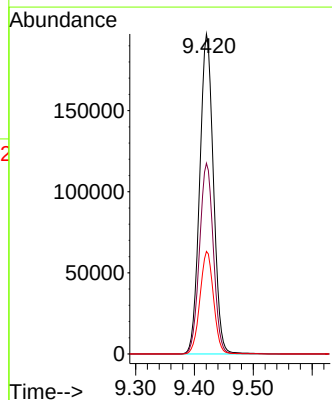
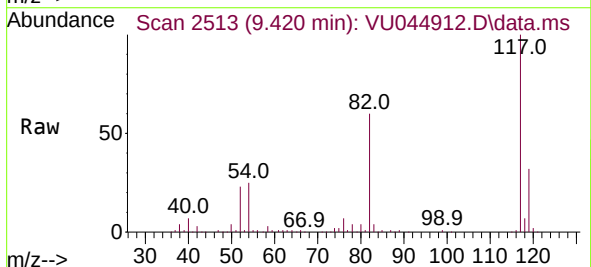
Instrument :
MSVOA_U
ClientSampleId :
1029-MW-03ADL

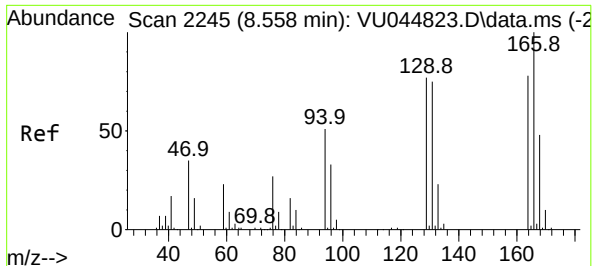
Tgt Ion: 95 Resp: 160878
Ion Ratio Lower Upper
95 100
174 71.5 0.0 146.6
176 69.5 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

Tgt Ion: 117 Resp: 319540
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 32.0 25.8 38.6

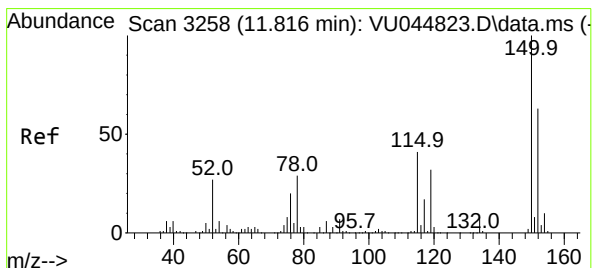
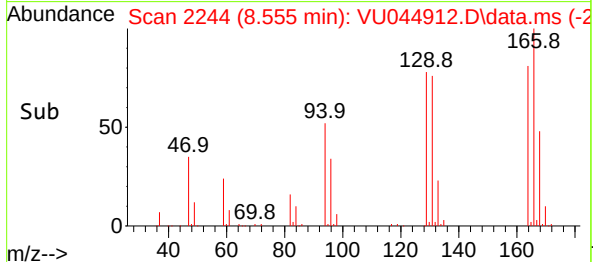
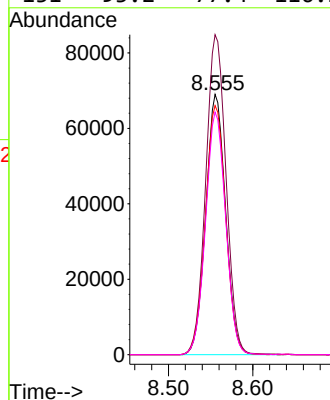
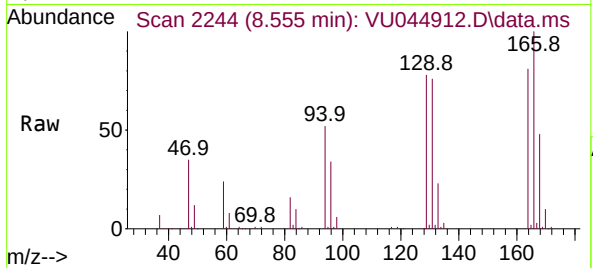




#64
Tetrachloroethene
Concen: 52.410 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

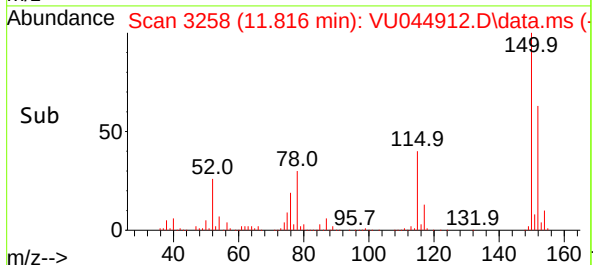
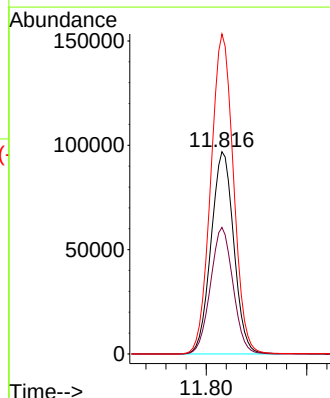
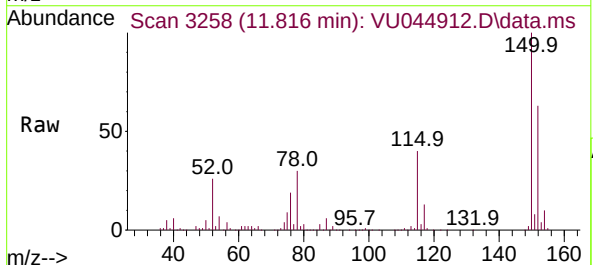
Instrument :
MSVOA_U
ClientSampleId :
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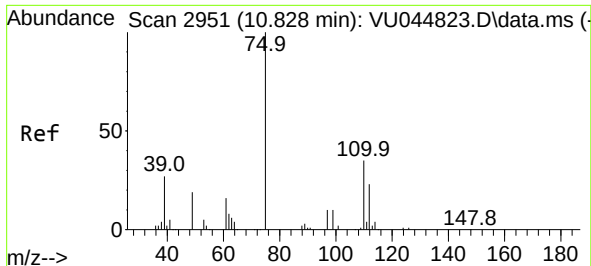
Tgt Ion:164 Resp: 113516
Ion Ratio Lower Upper
164 100
166 123.0 102.8 154.2
129 95.7 79.4 119.2
131 93.2 77.4 116.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

Tgt Ion:152 Resp: 152312
Ion Ratio Lower Upper
152 100
115 62.0 43.5 130.7
150 158.1 0.0 350.0

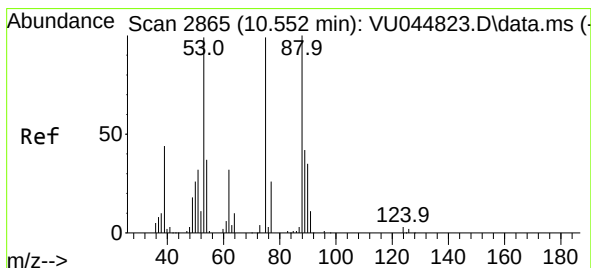
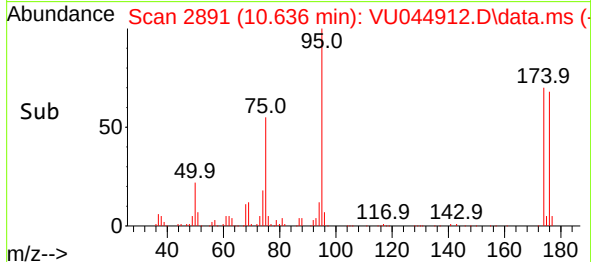
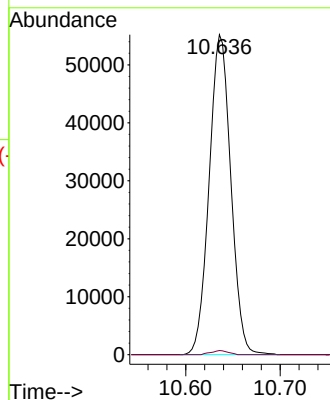
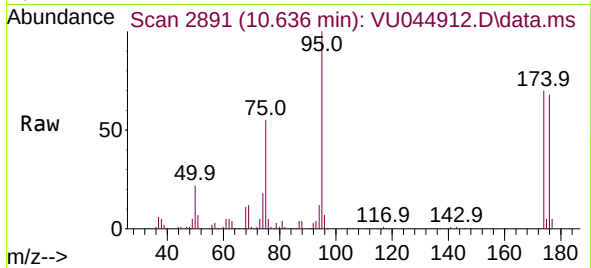




#76
1,2,3-Trichloropropane
Concen: 19.069 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

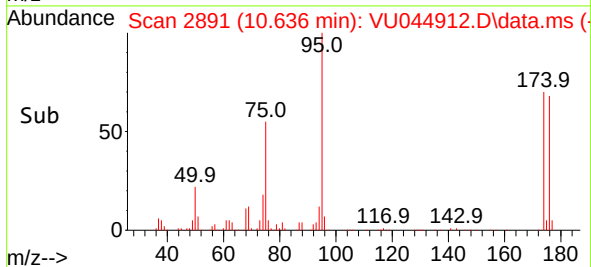
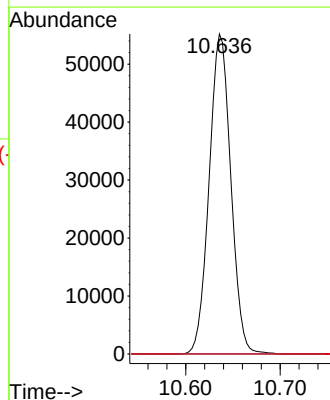
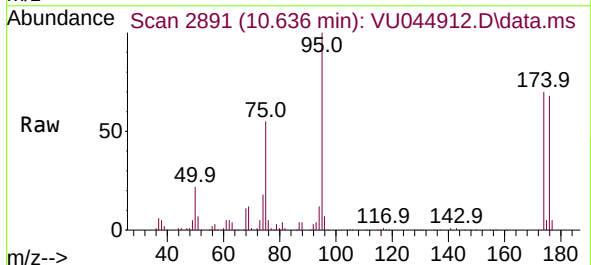
Instrument :
MSVOA_U
ClientSampleId :
1029-MW-03ADL

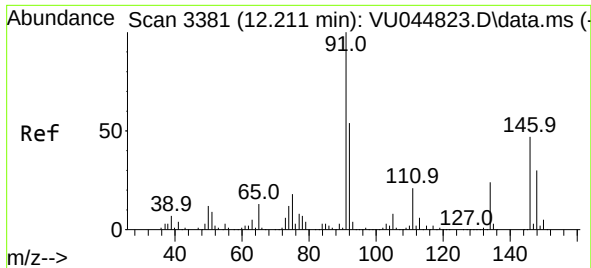
Tgt Ion: 75 Resp: 87952
Ion Ratio Lower Upper
75 100
77 1.0 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.774 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

Tgt Ion: 75 Resp: 87952
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

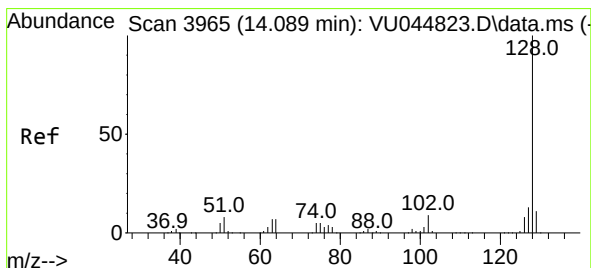
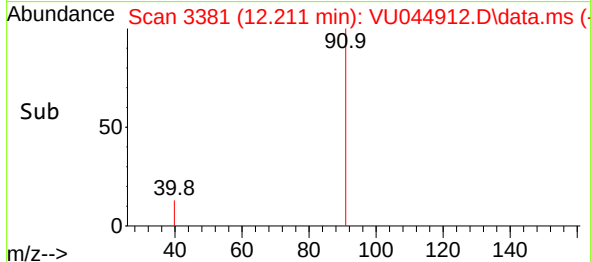
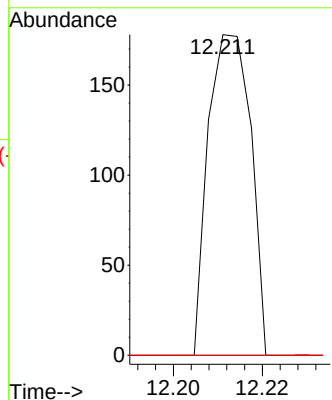
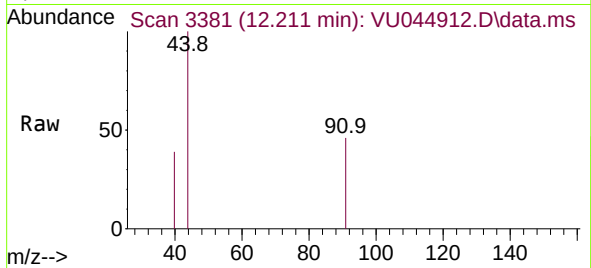




#89
n-Butylbenzene
Concen: 1.288 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

Instrument :
MSVOA_U
ClientSampleId :
1029-MW-03ADL

Tgt Ion:	91	Resp:	118
Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.8	80.4#
134	0.0	11.8	35.4#



#95
Naphthalene
Concen: 1.069 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

Tgt Ion:	128	Resp:	1501
Ion	Ratio	Lower	Upper
128	100		
127	1.3	10.4	15.6#
129	3.1	8.6	13.0#

