

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044882.D
 Acq On : 26 Sep 2021 09:46
 Operator : SY/MD
 Sample : M3893-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-1

Quant Time: Sep 27 03:21:23 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)

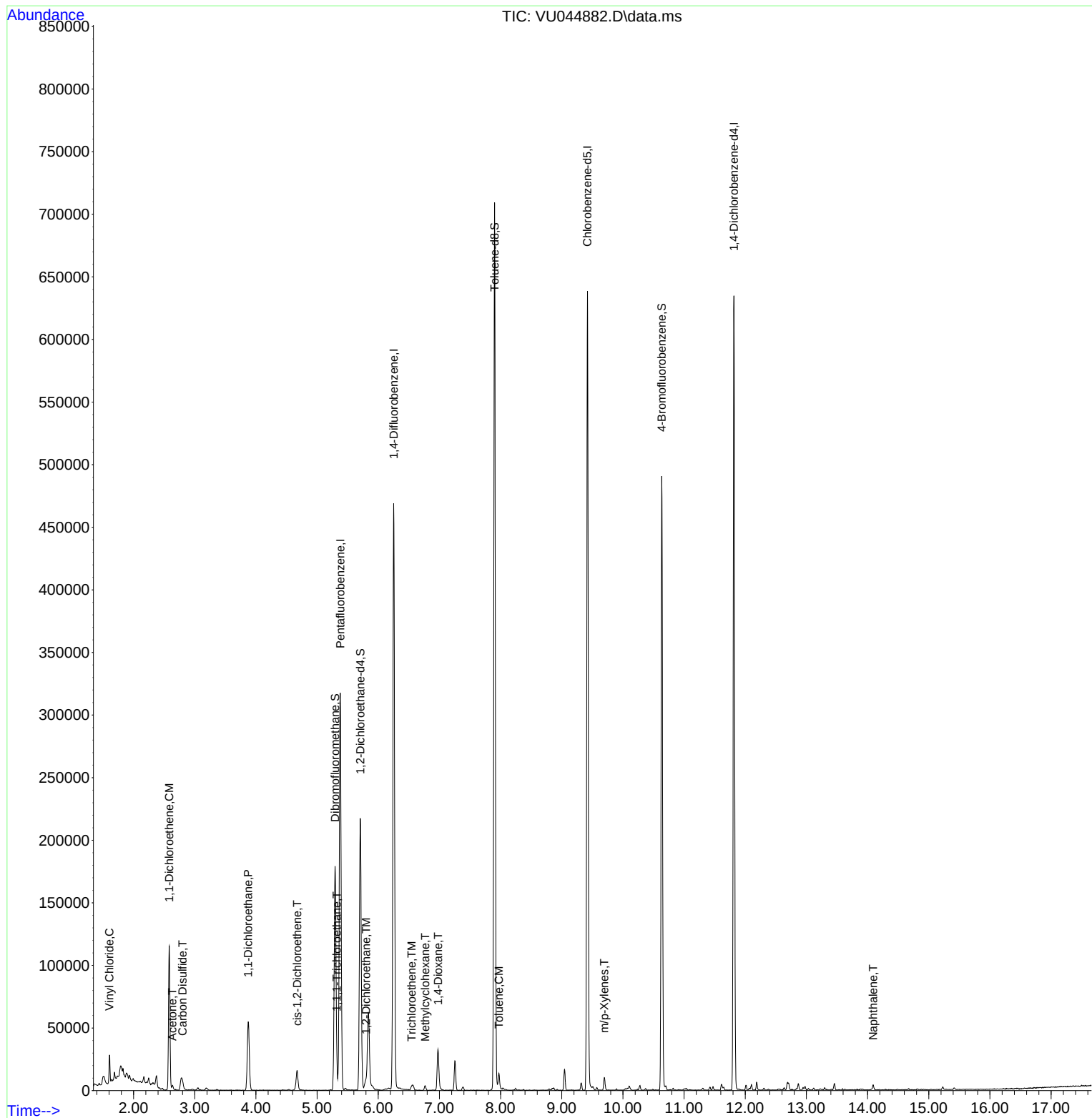
Internal Standards						
1) Pentafluorobenzene	5.379	168	205067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	362104	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	331654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	154196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	163626	45.719	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.440%	
35) Dibromofluoromethane	5.295	113	114516	46.100	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.200%	
50) Toluene-d8	7.903	98	452807	48.264	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.520%	
62) 4-Bromofluorobenzene	10.636	95	161193	46.258	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.520%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.607	62	14352	4.126	ug/l	98
12) 1,1-Dichloroethene	2.584	96	38148	15.450	ug/l	95
16) Acetone	2.636	43	4501	2.230	ug/l	98
17) Carbon Disulfide	2.800	76	2254	0.325	ug/l	98
24) 1,1-Dichloroethane	3.874	63	61998	11.280	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	7604	2.365	ug/l	92
32) 1,1,1-Trichloroethane	5.324	97	4563	1.022	ug/l #	52
39) Methylcyclohexane	6.768	83	1580	0.364	ug/l #	83
42) 1,2-Dichloroethane	5.800	62	6193	1.344	ug/l	88
44) Trichloroethene	6.546	130	1089	0.387	ug/l	86
49) 1,4-Dioxane	6.977	88	25805	271.234	ug/l	93
52) Toluene	7.973	92	4778	0.682	ug/l	99
68) m/p-Xylenes	9.697	106	2711	0.577	ug/l	93
95) Naphthalene	14.092	128	4019	1.276	ug/l #	93

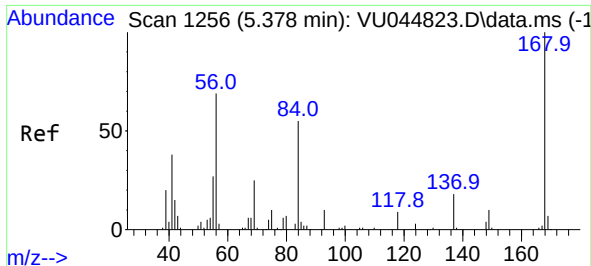
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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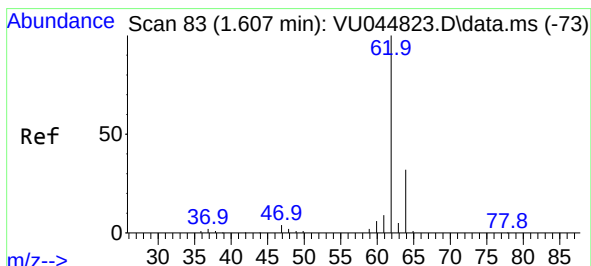
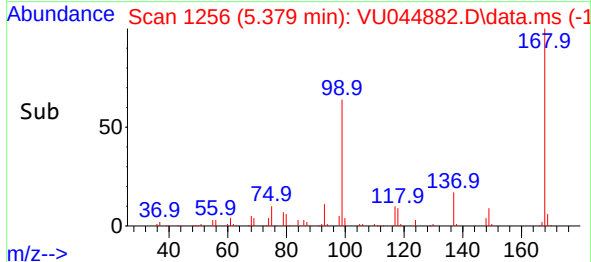
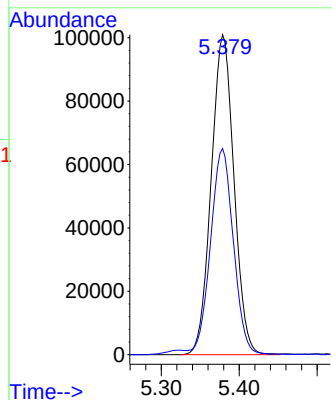
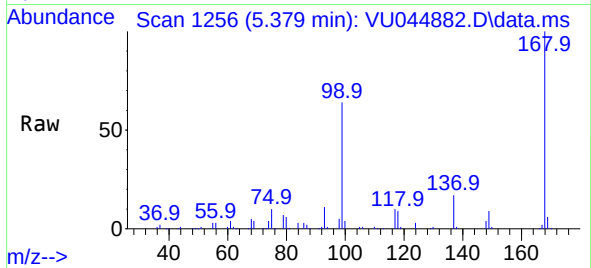




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.001 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

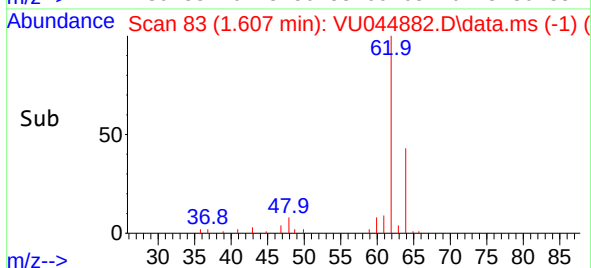
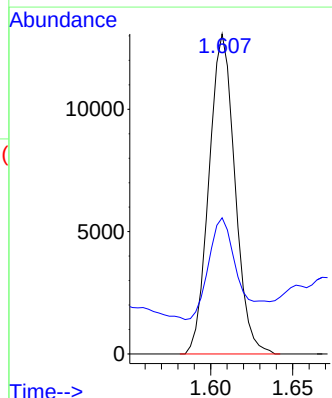
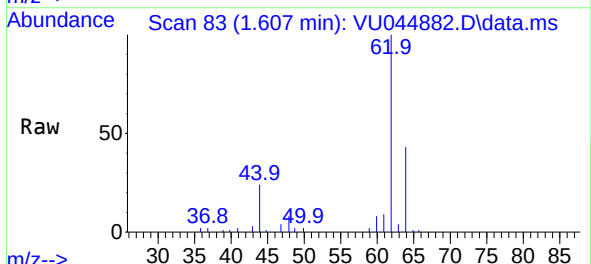
Instrument :
MSVOA_U
ClientSampled :
DUP-1

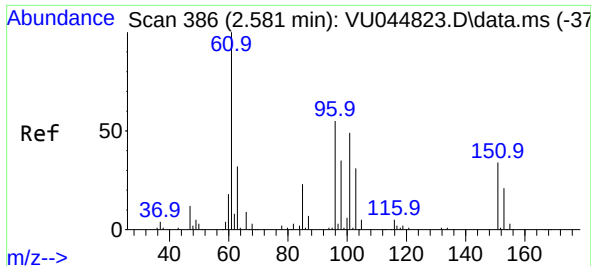
Tgt Ion:168 Resp: 205067
Ion Ratio Lower Upper
168 100
99 64.2 51.4 77.0



#4
Vinyl Chloride
Concen: 4.126 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

Tgt Ion: 62 Resp: 14352
Ion Ratio Lower Upper
62 100
64 31.1 25.6 38.4

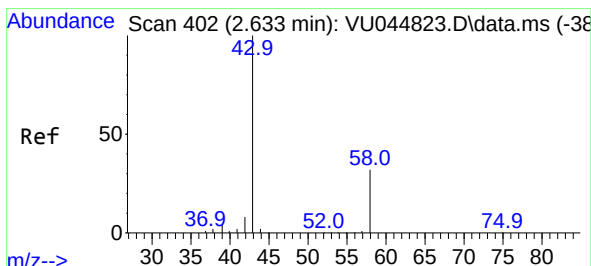
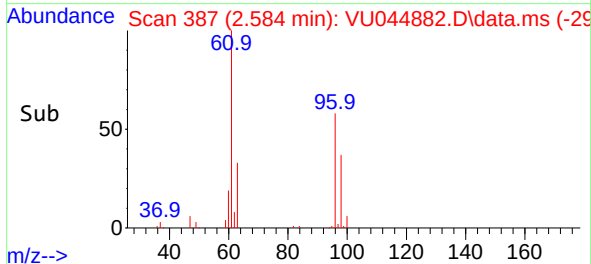
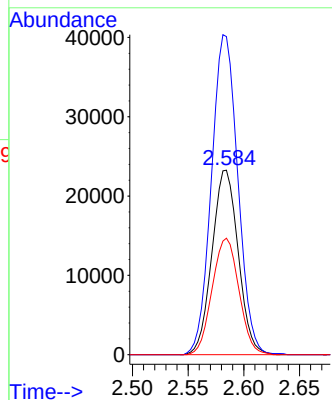
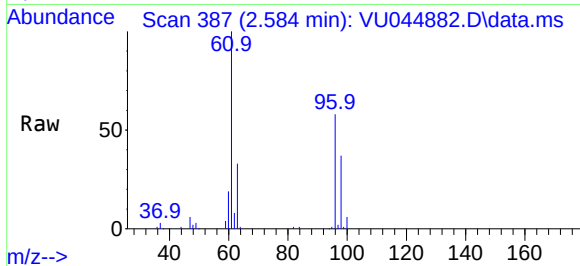




#12
1,1-Dichloroethene
Concen: 15.450 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

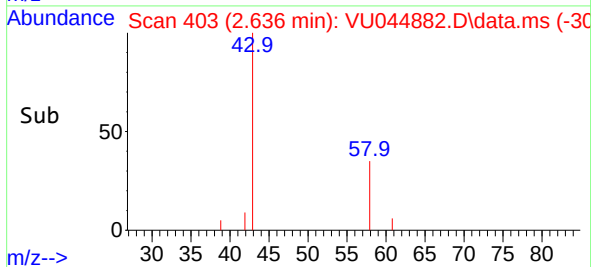
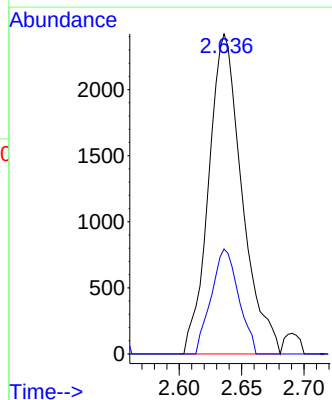
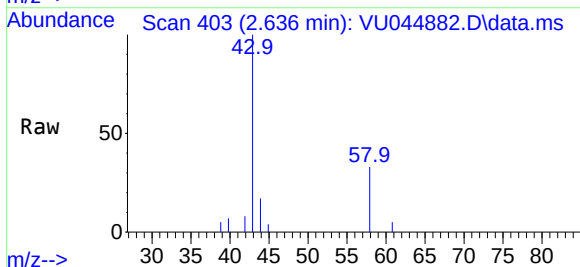
Instrument :
MSVOA_U
ClientSampleId :
DUP-1

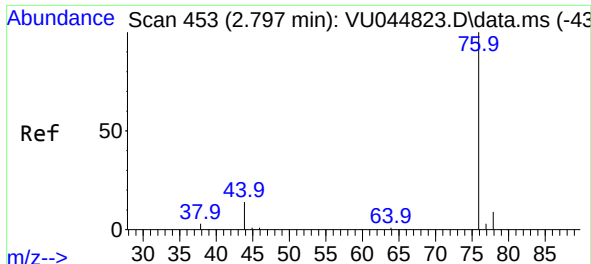
Tgt Ion: 96 Resp: 38148
Ion Ratio Lower Upper
96 100
61 172.5 145.4 218.0
98 63.2 50.9 76.3



#16
Acetone
Concen: 2.230 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.003 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

Tgt Ion: 43 Resp: 4501
Ion Ratio Lower Upper
43 100
58 32.8 25.2 37.8

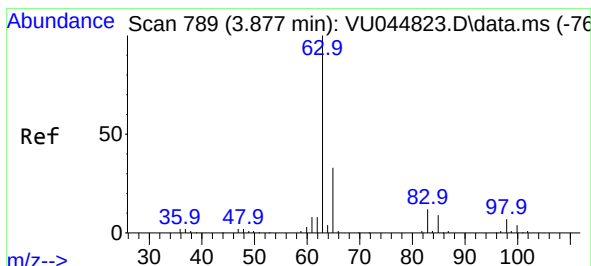
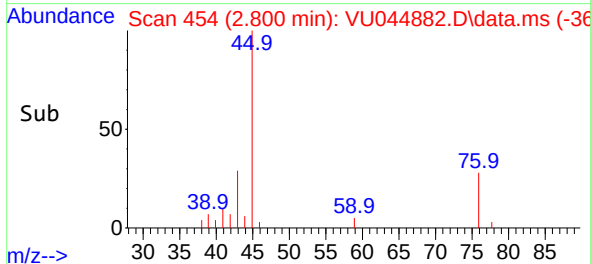
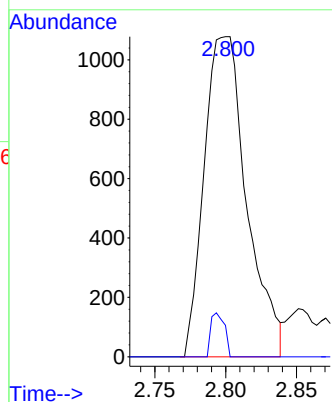
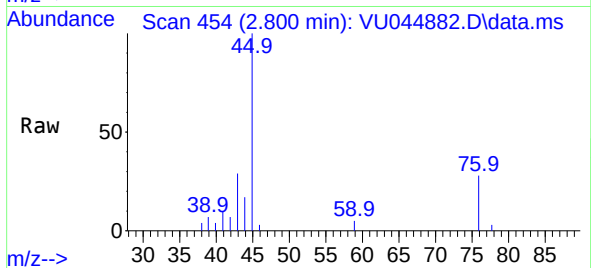




#17
Carbon Disulfide
Concen: 0.325 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

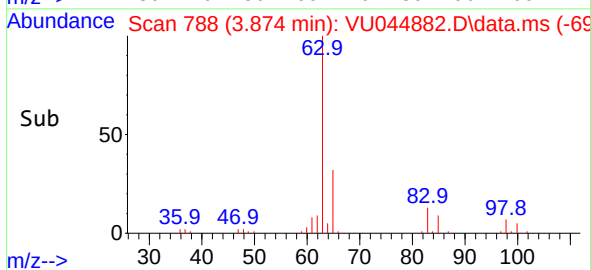
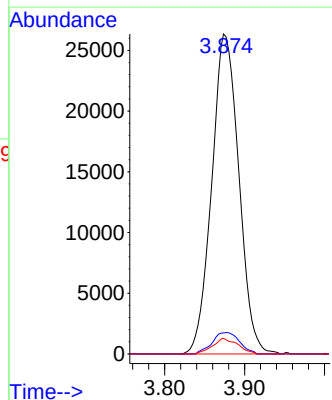
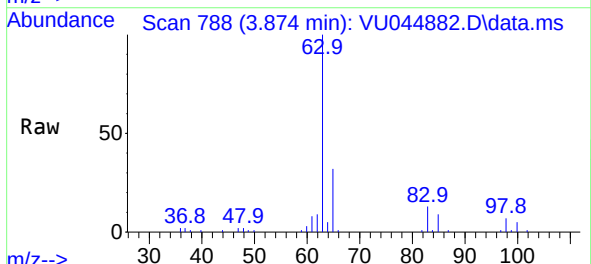
Instrument :
MSVOA_U
ClientSampled :
DUP-1

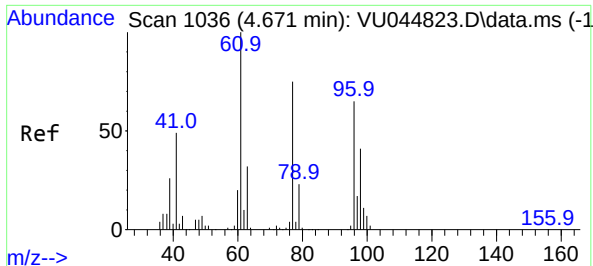
Tgt Ion: 76 Resp: 2254
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#24
1,1-Dichloroethane
Concen: 11.280 ug/l
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

Tgt Ion: 63 Resp: 61998
Ion Ratio Lower Upper
63 100
98 6.5 3.5 10.4
100 4.9 2.1 6.3

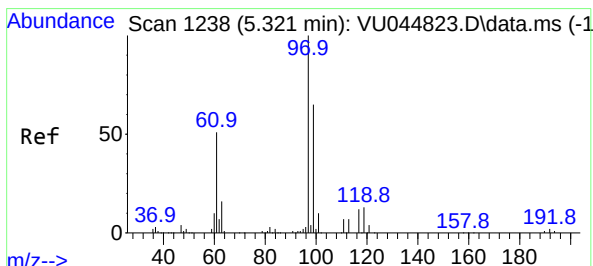
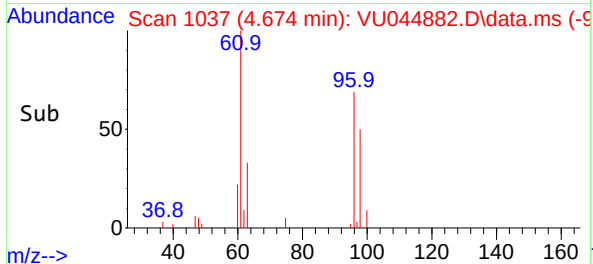
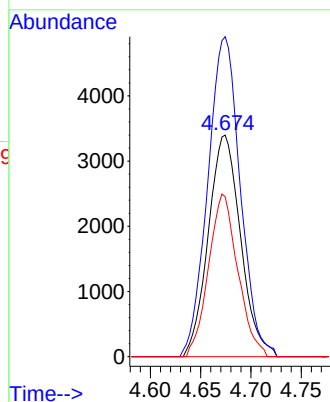
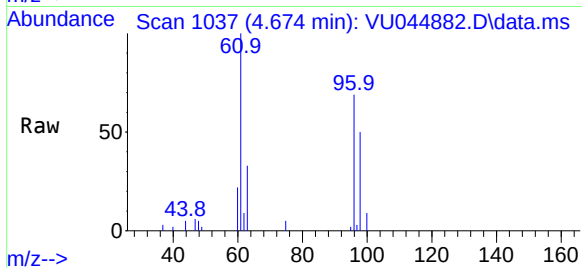




#27
cis-1,2-Dichloroethene
Concen: 2.365 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

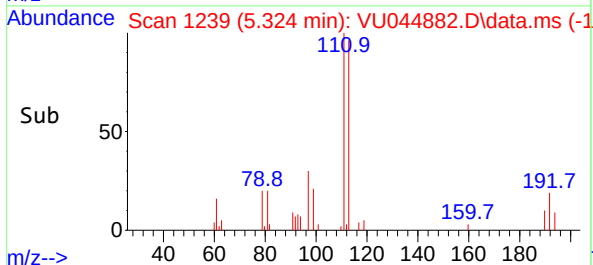
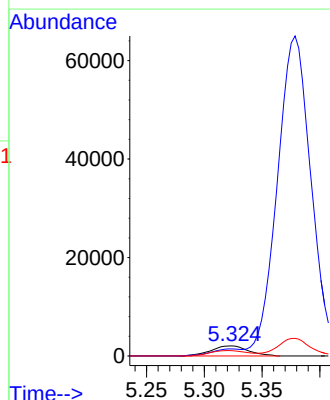
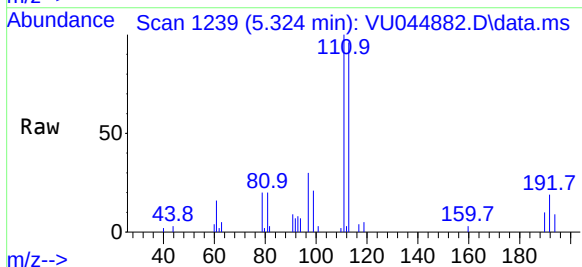
Instrument :
MSVOA_U
ClientSampled :
DUP-1

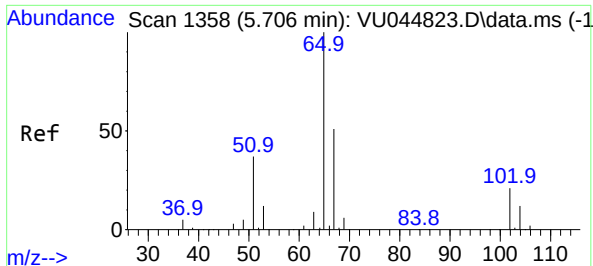
Tgt Ion:	96	Resp:	7604
Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	313.4
98	66.4	0.0	127.0



#32
1,1,1-Trichloroethane
Concen: 1.022 ug/l
RT: 5.324 min Scan# 1239
Delta R.T. 0.003 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

Tgt Ion:	97	Resp:	4563
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.9	76.3#
61	55.2	40.7	61.1



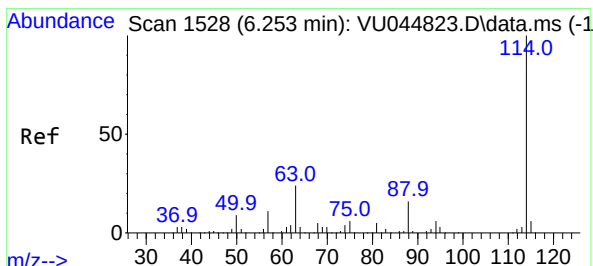
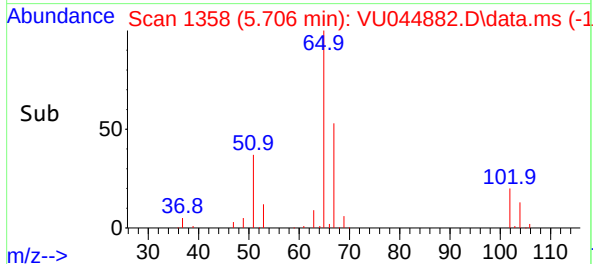
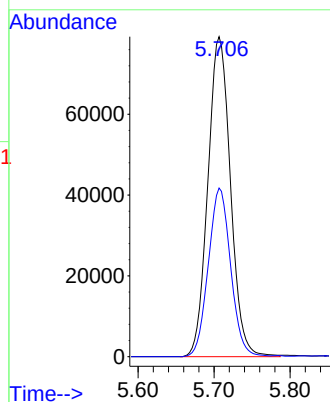
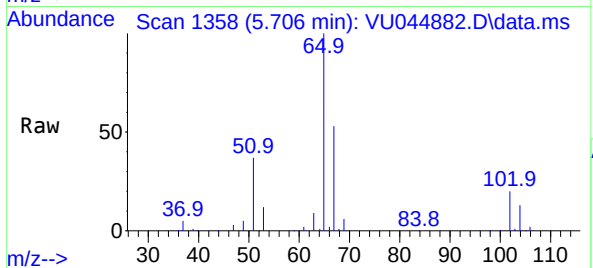


#33

1,2-Dichloroethane-d4
Concen: 45.719 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

Instrument :
MSVOA_U
ClientSampled :
DUP-1

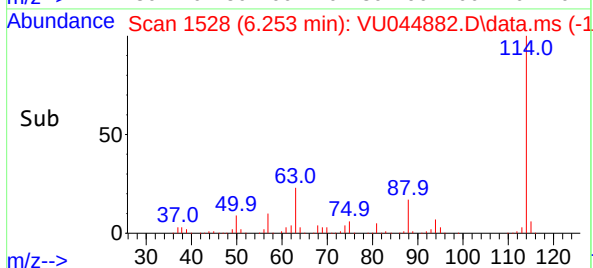
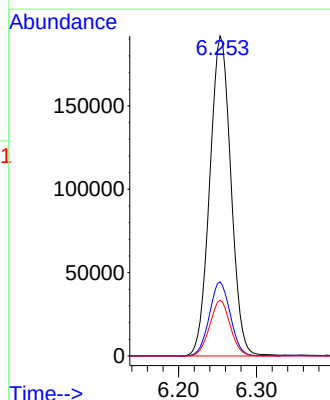
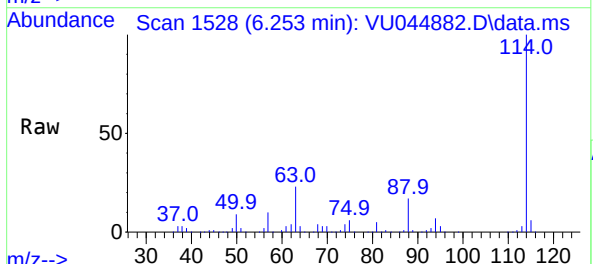
Tgt Ion: 65 Resp: 163626
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8

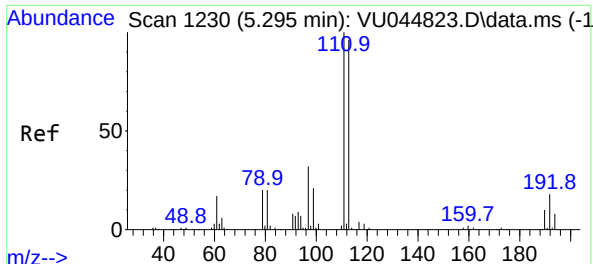


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

Tgt Ion: 114 Resp: 362104
Ion Ratio Lower Upper
114 100
63 23.1 0.0 47.8
88 17.4 0.0 32.8

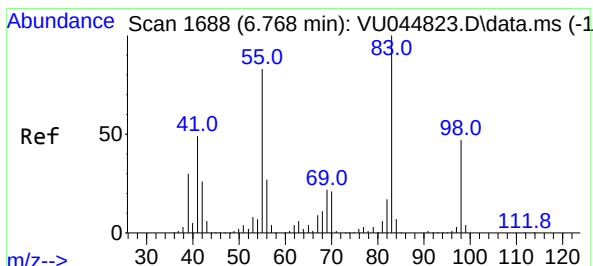
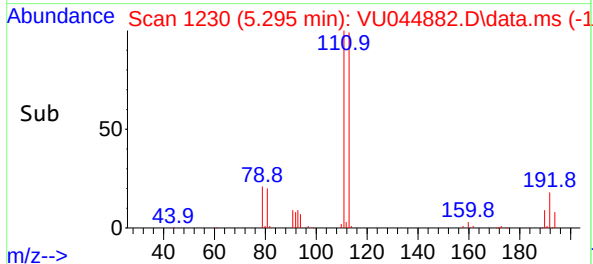
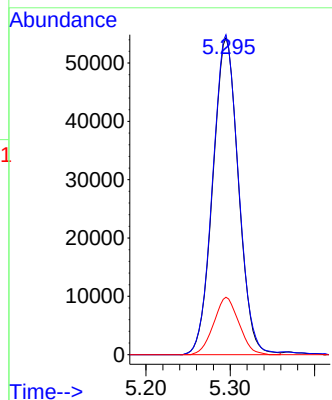
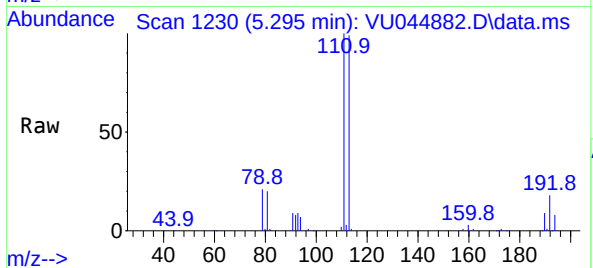




#35
Dibromofluoromethane
Concen: 46.100 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

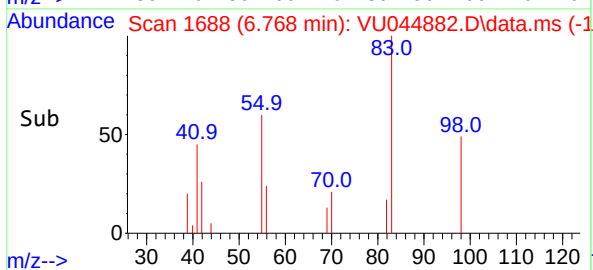
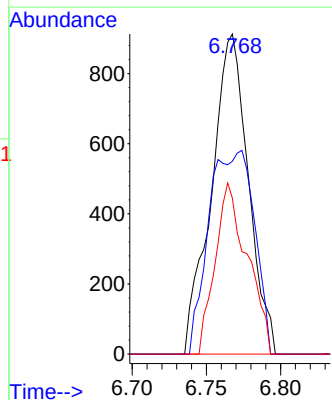
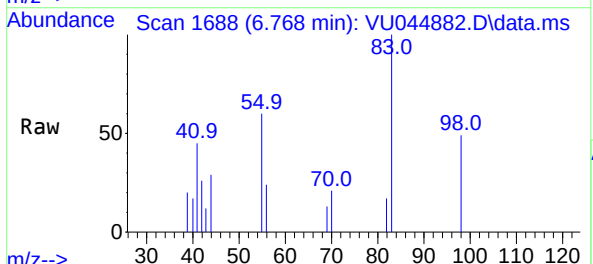
Instrument :
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ClientSampled :
DUP-1

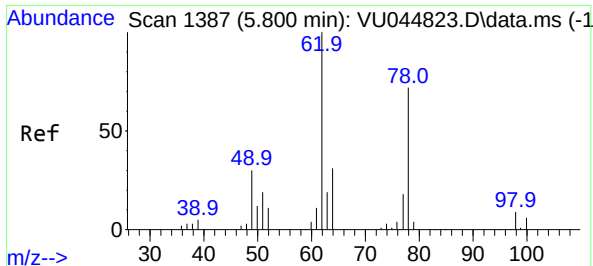
Tgt Ion:113 Resp: 114516
Ion Ratio Lower Upper
113 100
111 101.4 84.1 126.1
192 17.9 14.8 22.2



#39
Methylcyclohexane
Concen: 0.364 ug/l
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

Tgt Ion: 83 Resp: 1580
Ion Ratio Lower Upper
83 100
55 60.2 66.2 99.4#
98 48.7 37.5 56.3





#42

1,2-Dichloroethane

Concen: 1.344 ug/l

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU044882.D

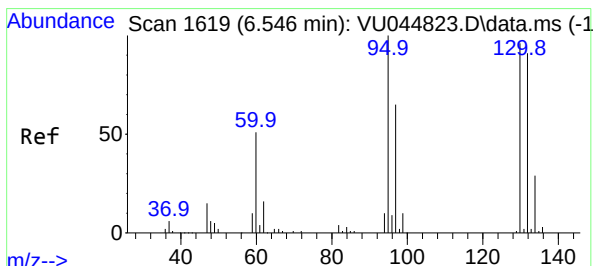
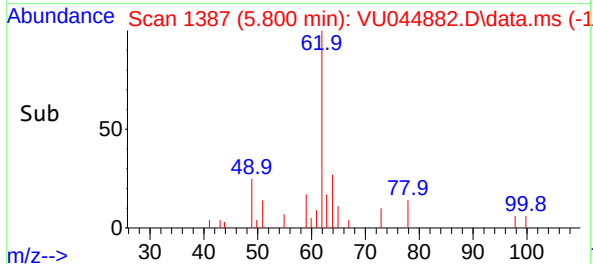
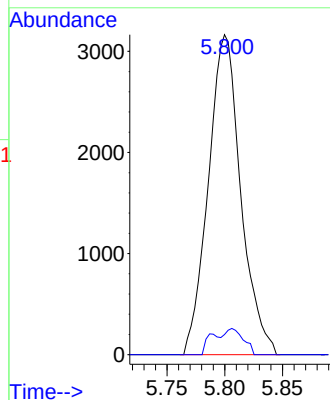
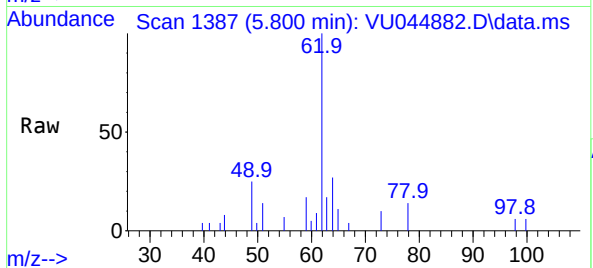
Acq: 26 Sep 2021 09:46

Tgt Ion: 62 Resp: 6193

Ion Ratio Lower Upper

62 100

98 4.7 0.0 17.8



#44

Trichloroethene

Concen: 0.387 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU044882.D

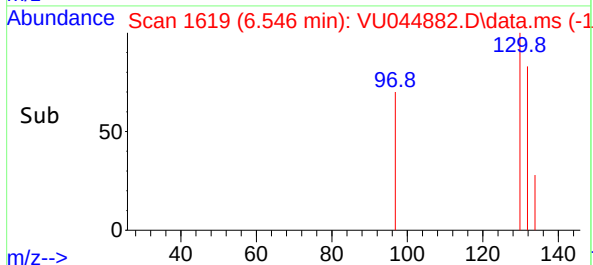
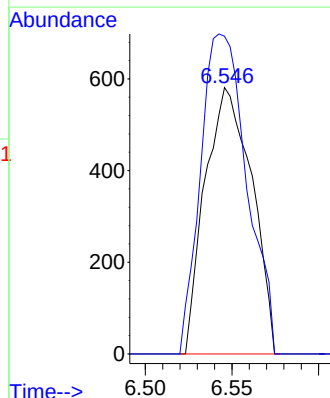
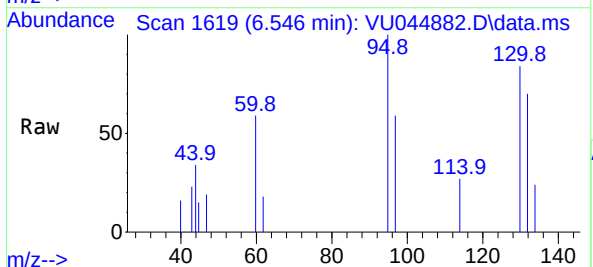
Acq: 26 Sep 2021 09:46

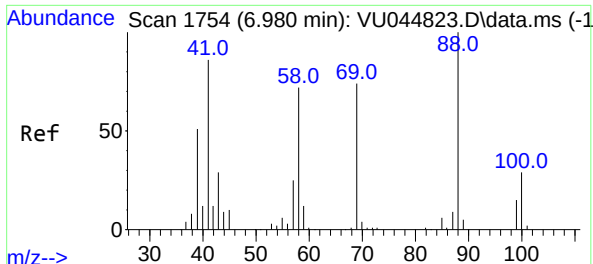
Tgt Ion: 130 Resp: 1089

Ion Ratio Lower Upper

130 100

95 119.3 0.0 209.0



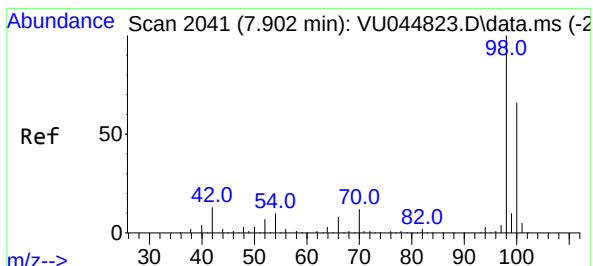
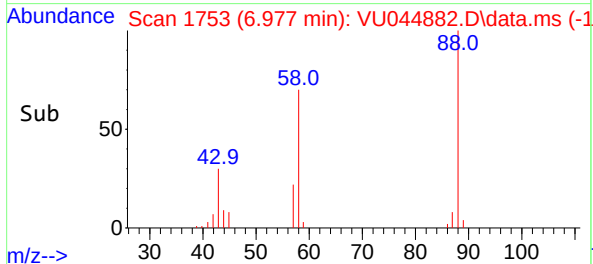
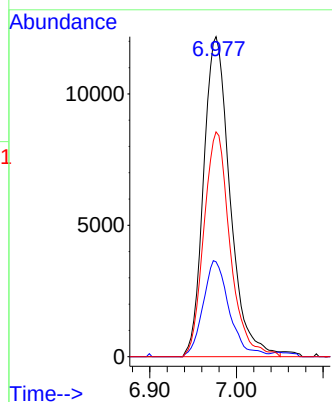
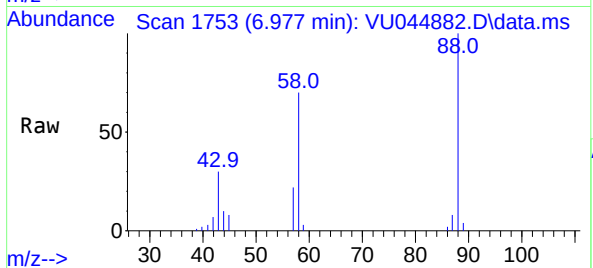


#49
1,4-Dioxane
Concen: 271.234 ug/l
RT: 6.977 min Scan# 1753
Delta R.T. -0.003 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

Instrument :
MSVOA_U
ClientSampled :
DUP-1

Tgt Ion: 88 Resp: 25805

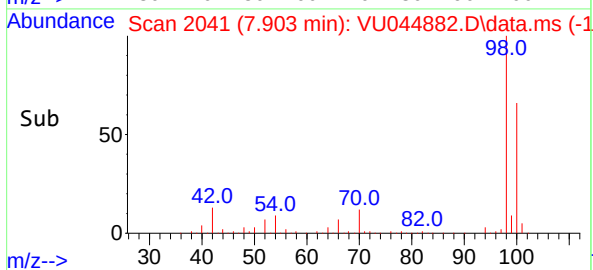
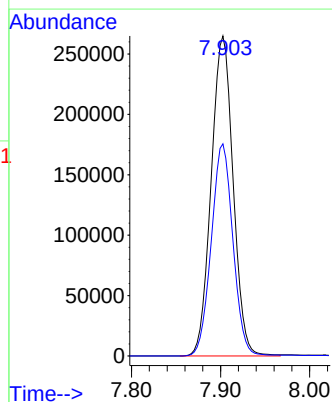
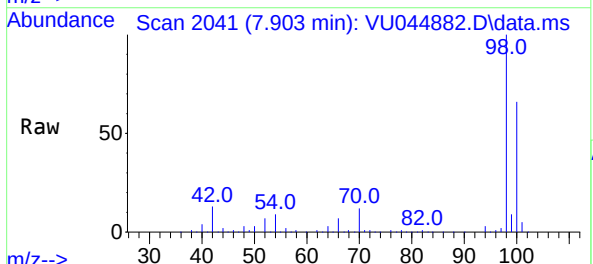
Ion	Ratio	Lower	Upper
88	100		
43	29.9	25.8	38.6
58	69.8	61.3	91.9

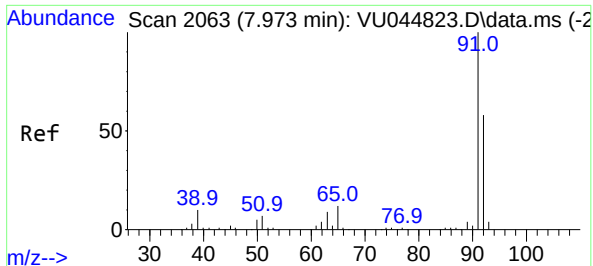


#50
Toluene-d8
Concen: 48.264 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

Tgt Ion: 98 Resp: 452807

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.5	78.7

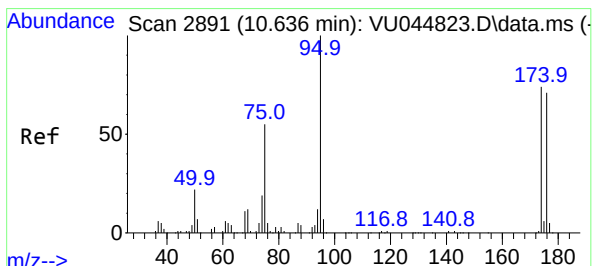
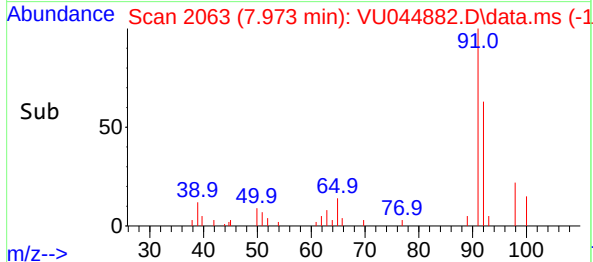
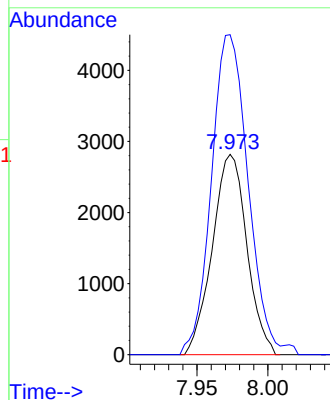
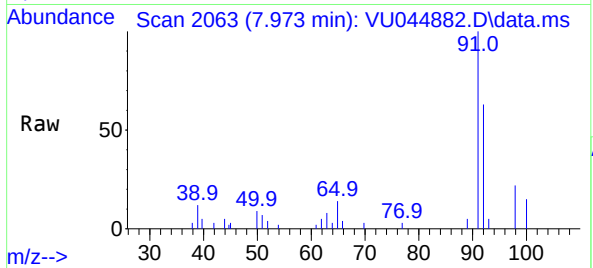




#52
Toluene
Concen: 0.682 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

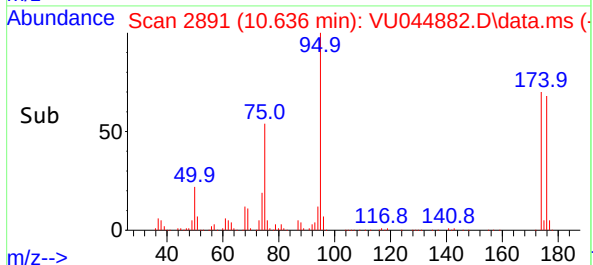
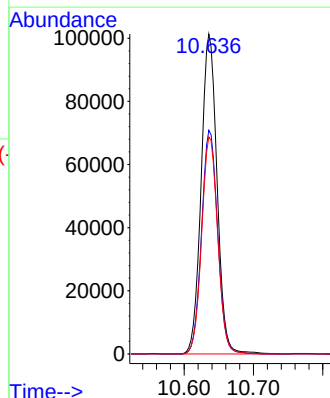
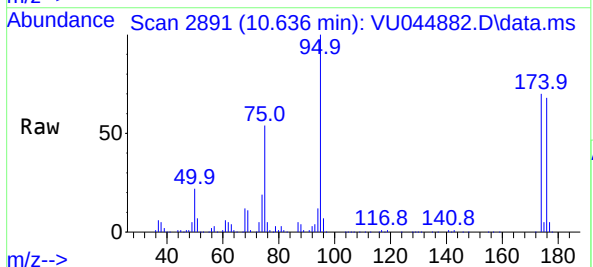
Instrument :
MSVOA_U
ClientSampled :
DUP-1

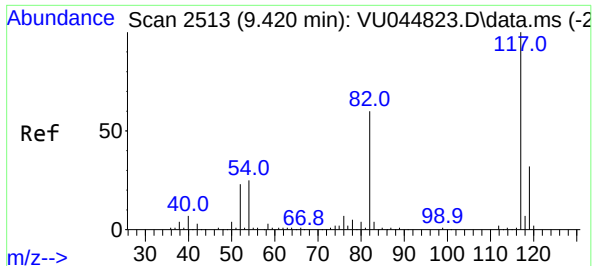
Tgt Ion: 92 Resp: 4778
Ion Ratio Lower Upper
92 100
91 170.0 136.9 205.3



#62
4-Bromofluorobenzene
Concen: 46.258 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

Tgt Ion: 95 Resp: 161193
Ion Ratio Lower Upper
95 100
174 70.8 0.0 146.6
176 68.3 0.0 141.2

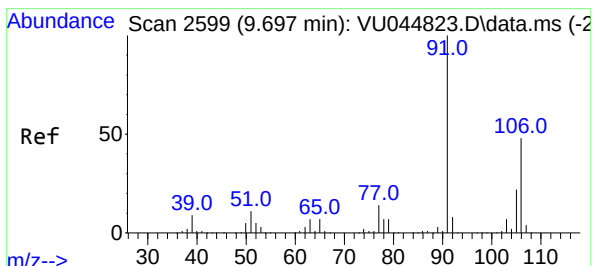
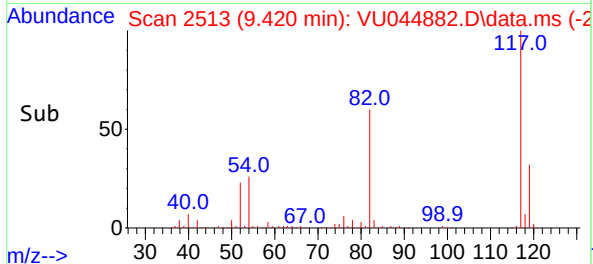
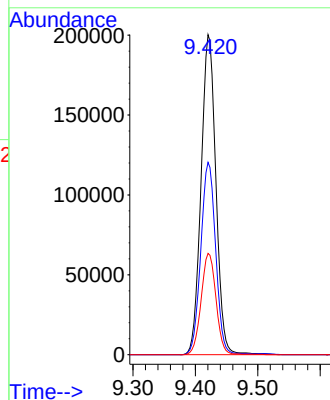
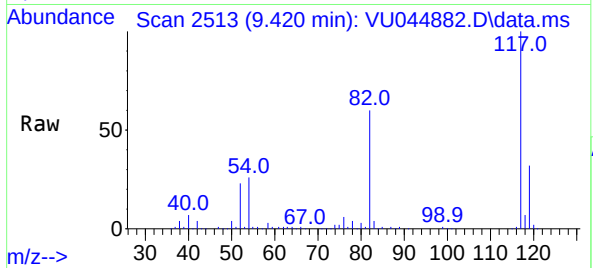




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

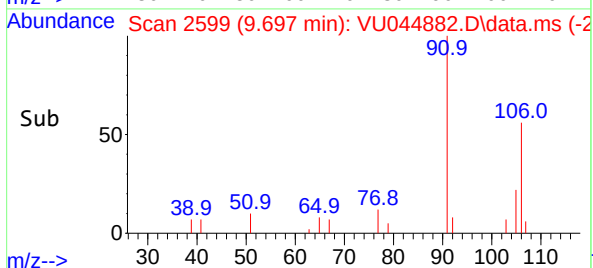
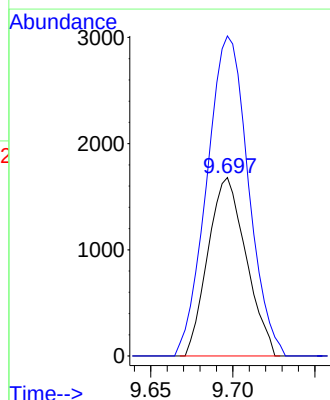
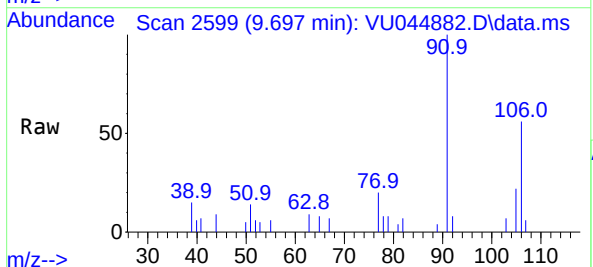
Instrument :
MSVOA_U
ClientSampled :
DUP-1

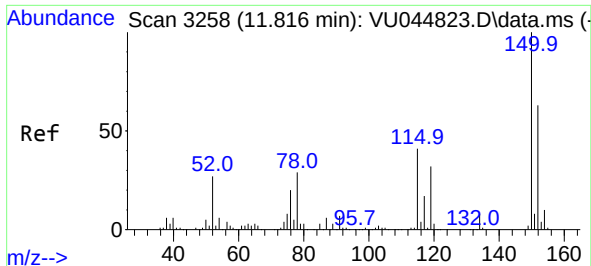
Tgt Ion:117 Resp: 331654
Ion Ratio Lower Upper
117 100
82 60.1 47.8 71.8
119 31.6 25.8 38.6



#68
m/p-Xylenes
Concen: 0.577 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

Tgt Ion:106 Resp: 2711
Ion Ratio Lower Upper
106 100
91 195.1 164.2 246.2

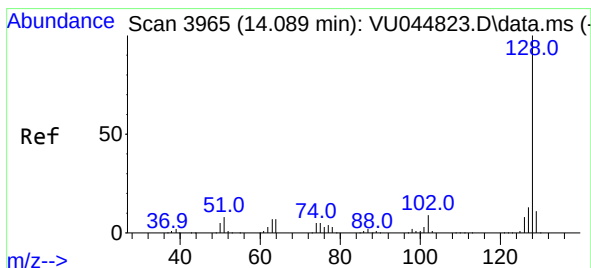
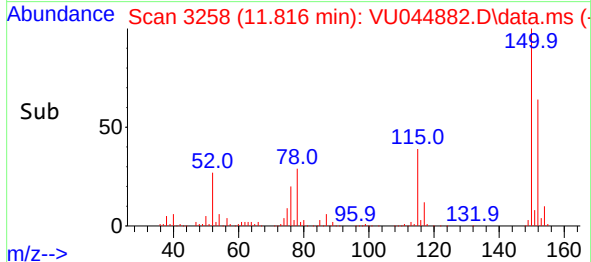
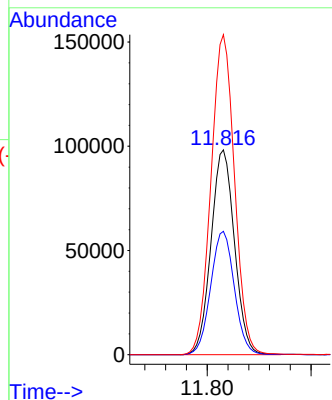
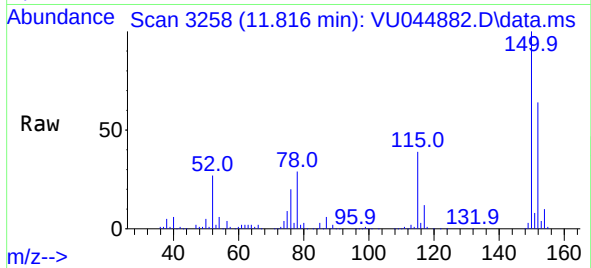




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

Instrument :
MSVOA_U
ClientSampled :
DUP-1

Tgt Ion:152 Resp: 154196
Ion Ratio Lower Upper
152 100
115 60.7 43.5 130.7
150 156.7 0.0 350.0



#95
Naphthalene
Concen: 1.276 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044882.D
Acq: 26 Sep 2021 09:46

Tgt Ion:128 Resp: 4019
Ion Ratio Lower Upper
128 100
127 9.5 10.4 15.6#
129 9.1 8.6 13.0

