

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044850.D
 Acq On : 25 Sep 2021 20:28
 Operator : SY/MD
 Sample : M3875-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 20882

Quant Time: Sep 27 01:35:49 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)

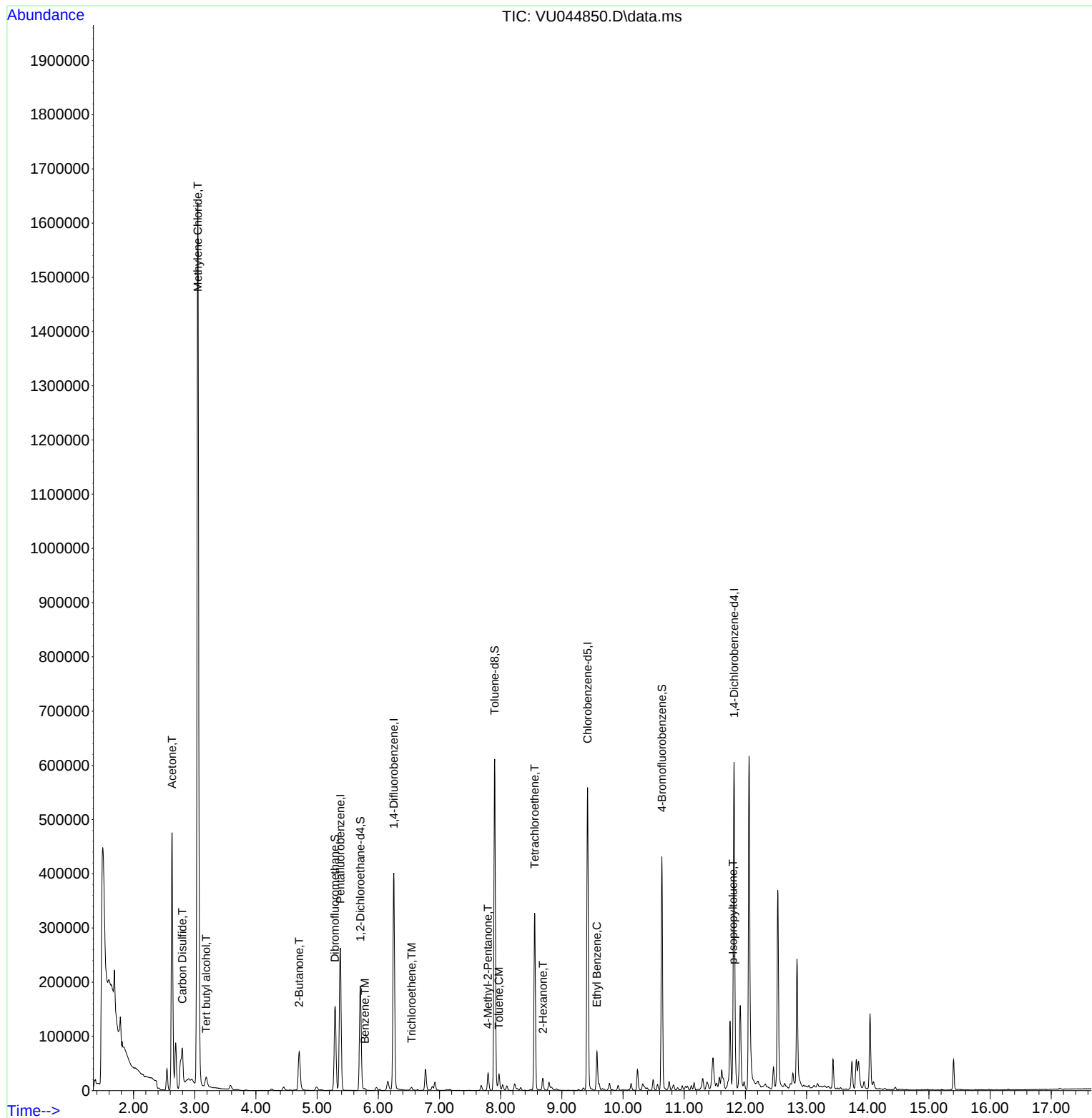
Internal Standards						
1) Pentafluorobenzene	5.379	168	168276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	299100	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	284279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	141004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	145002	49.373	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.740%	
35) Dibromofluoromethane	5.292	113	100711	49.082	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.160%	
50) Toluene-d8	7.903	98	390303	50.365	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.740%	
62) 4-Bromofluorobenzene	10.636	95	140231	48.720	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.440%	
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.189	59	20451	23.858	ug/l	99
16) Acetone	2.630	43	526799	318.000	ug/l	100
17) Carbon Disulfide	2.797	76	96512	16.933	ug/l	98
20) Methylene Chloride	3.051	84	760556	283.615	ug/l	97
25) 2-Butanone	4.707	43	104847	41.712	ug/l	99
40) Benzene	5.781	78	2959	0.306	ug/l	97
44) Trichloroethene	6.546	130	1384	0.595	ug/l	98
51) 4-Methyl-2-Pentanone	7.793	43	21073	4.539	ug/l	98
52) Toluene	7.973	92	11318	1.957	ug/l	95
59) 2-Hexanone	8.690	43	14016	3.761	ug/l	99
64) Tetrachloroethene	8.555	164	66492	34.507	ug/l	99
67) Ethyl Benzene	9.575	91	40145	3.811	ug/l	99
86) p-Isopropyltoluene	11.796	119	13464	1.565	ug/l	92

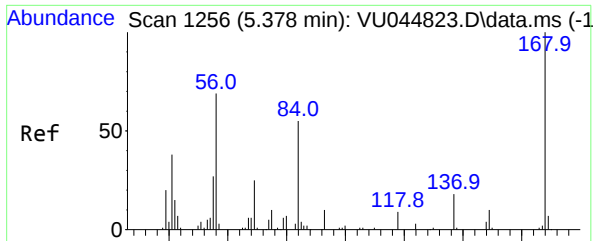
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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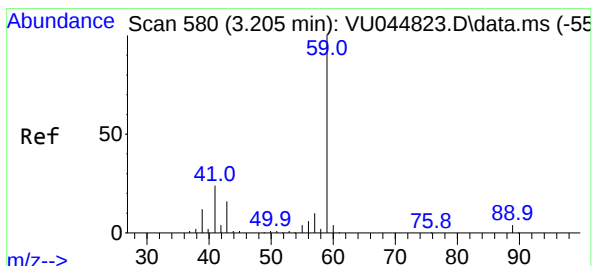
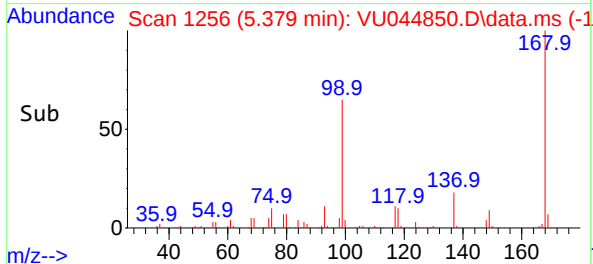
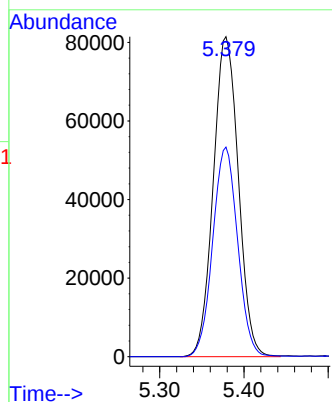
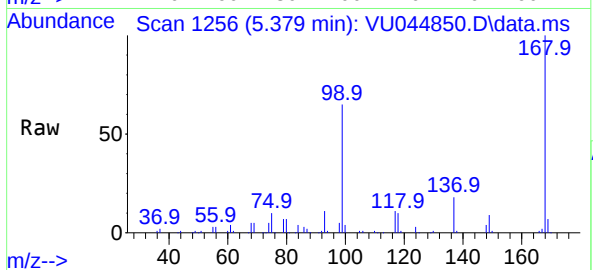




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.001 min
Lab File: VU044850.D
Acq: 25 Sep 2021 20:28

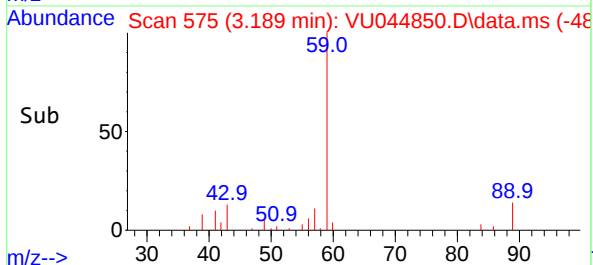
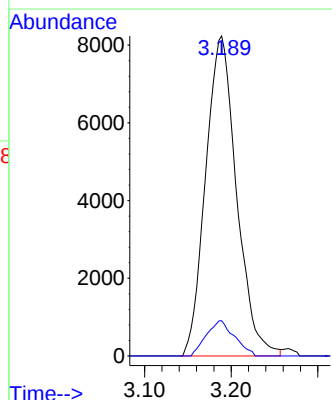
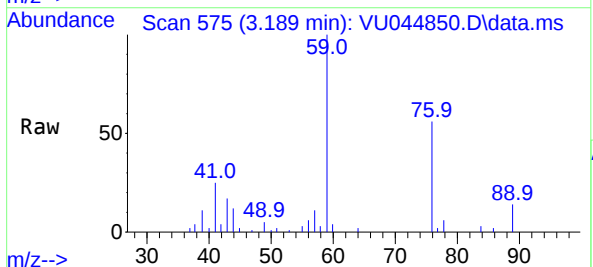
Instrument :
MSVOA_U
ClientSampleId :
20882

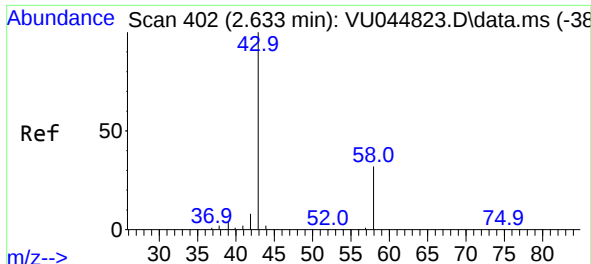
Tgt Ion:168 Resp: 168276
Ion Ratio Lower Upper
168 100
99 65.5 51.4 77.0



#11
Tert butyl alcohol
Concen: 23.858 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.016 min
Lab File: VU044850.D
Acq: 25 Sep 2021 20:28

Tgt Ion: 59 Resp: 20451
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

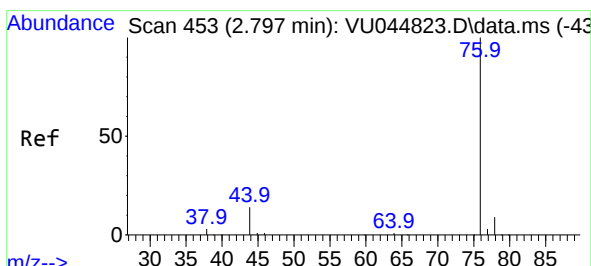
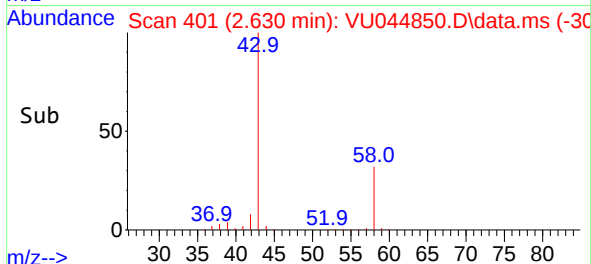
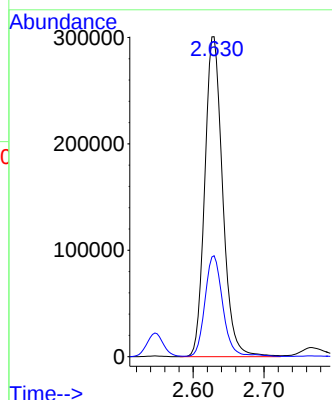
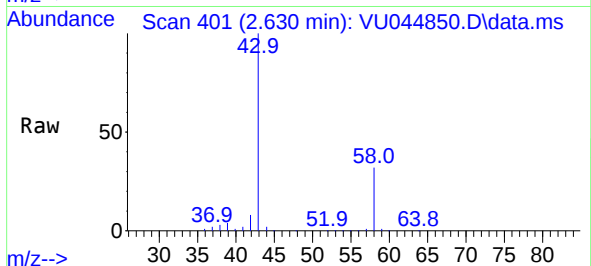




#16
Acetone
Concen: 318.000 ug/l
RT: 2.630 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU044850.D
Acq: 25 Sep 2021 20:28

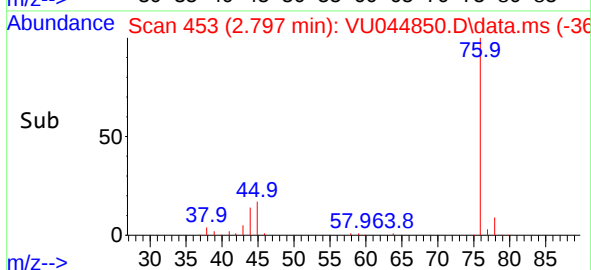
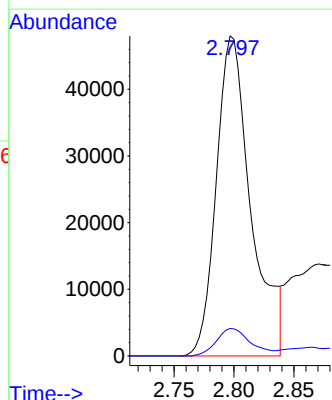
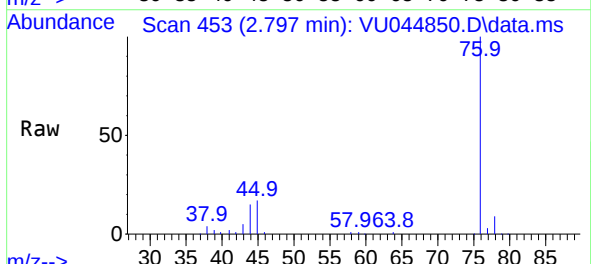
Instrument :
MSVOA_U
ClientSampleId :
20882

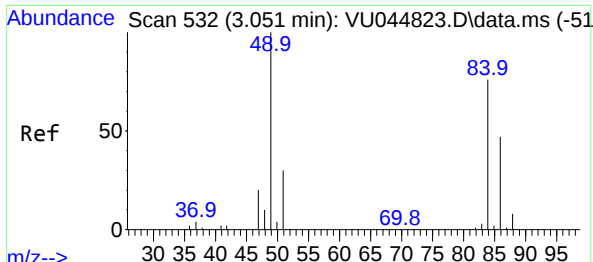
Tgt Ion: 43 Resp: 526799
Ion Ratio Lower Upper
43 100
58 31.4 25.2 37.8



#17
Carbon Disulfide
Concen: 16.933 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU044850.D
Acq: 25 Sep 2021 20:28

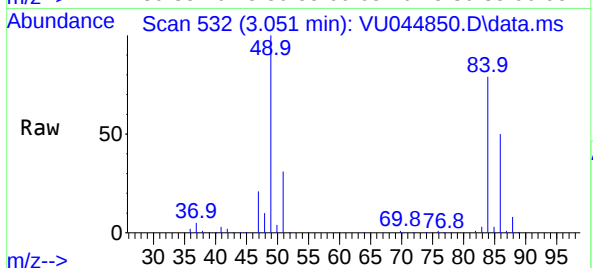
Tgt Ion: 76 Resp: 96512
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0





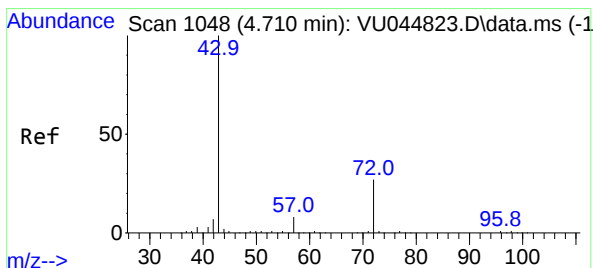
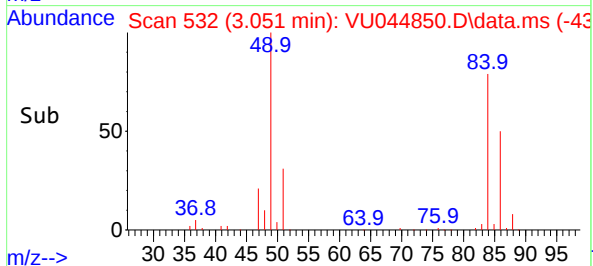
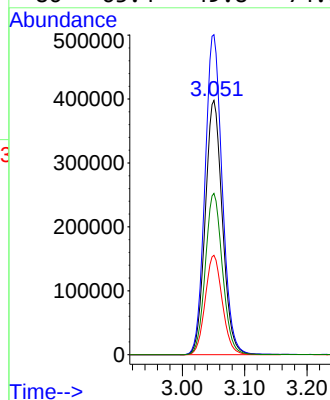
#20
Methylene Chloride
Concen: 283.615 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU044850.D
Acq: 25 Sep 2021 20:28

Instrument :
MSVOA_U
ClientSampleId :
20882



Tgt Ion: 84 Resp: 760556

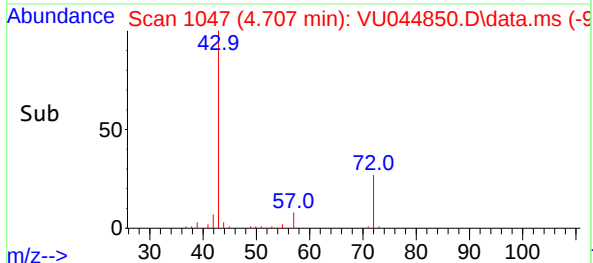
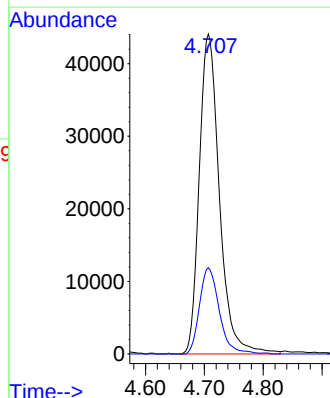
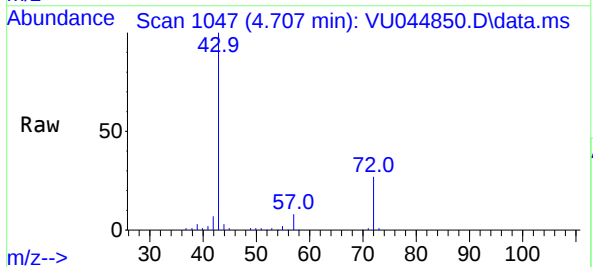
Ion	Ratio	Lower	Upper
84	100		
49	125.9	104.9	157.3
51	39.1	31.8	47.8
86	63.4	49.8	74.6

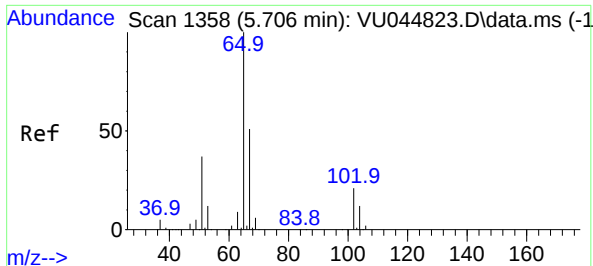


#25
2-Butanone
Concen: 41.712 ug/l
RT: 4.707 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU044850.D
Acq: 25 Sep 2021 20:28

Tgt Ion: 43 Resp: 104847

Ion	Ratio	Lower	Upper
43	100		
72	27.0	21.3	31.9



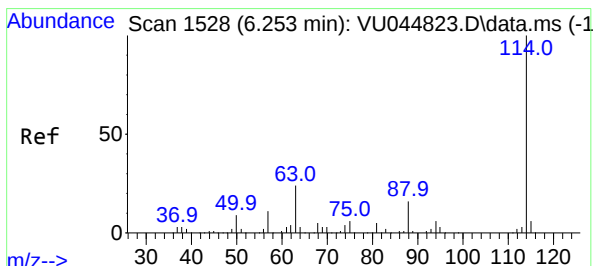
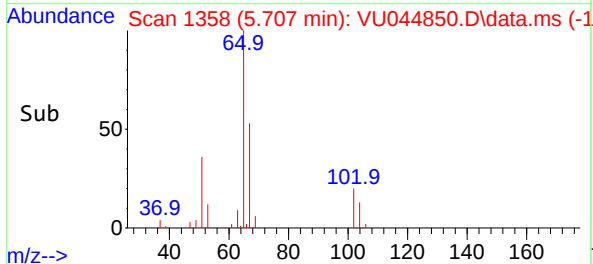
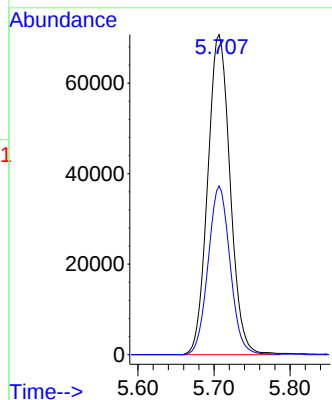
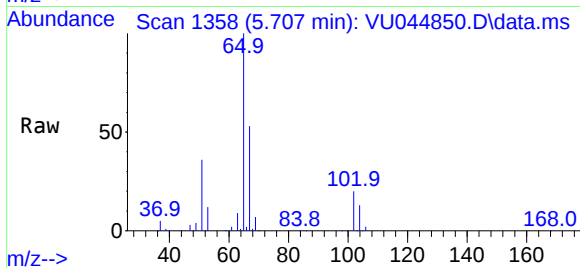


#33

1,2-Dichloroethane-d4
Concen: 49.373 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044850.D
Acq: 25 Sep 2021 20:28

Instrument :
MSVOA_U
ClientSampled :
20882

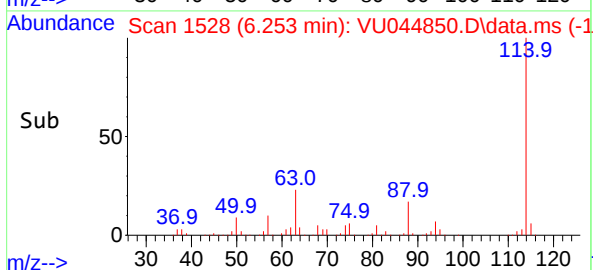
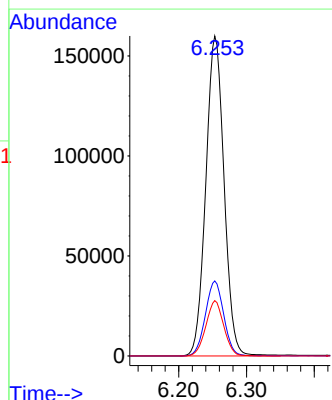
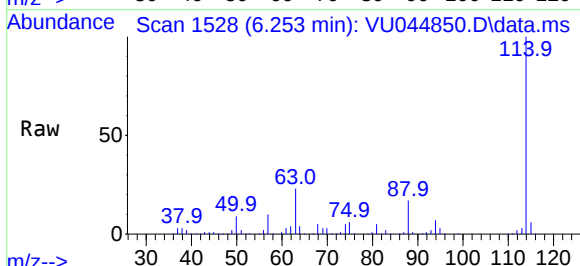
Tgt Ion: 65 Resp: 145002
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8

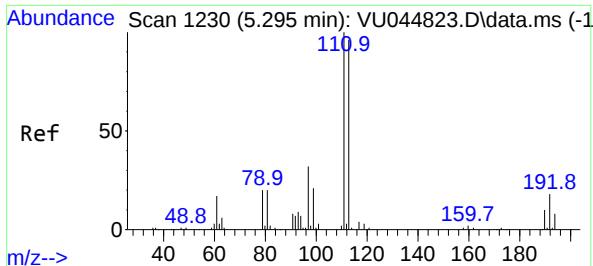


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU044850.D
Acq: 25 Sep 2021 20:28

Tgt Ion: 114 Resp: 299100
Ion Ratio Lower Upper
114 100
63 23.5 0.0 47.8
88 17.3 0.0 32.8

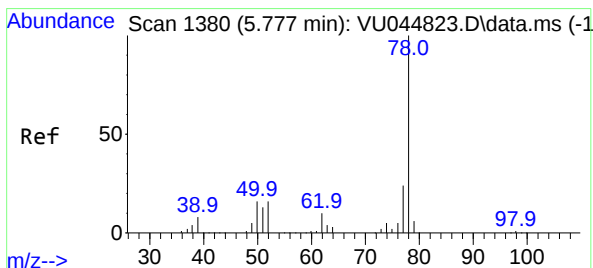
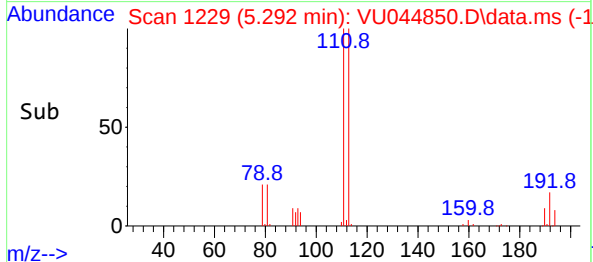
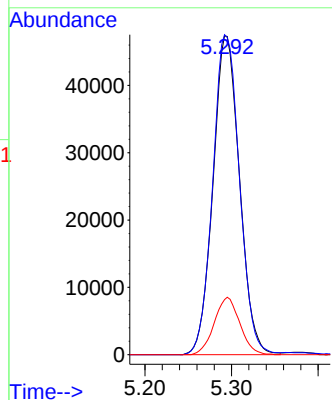
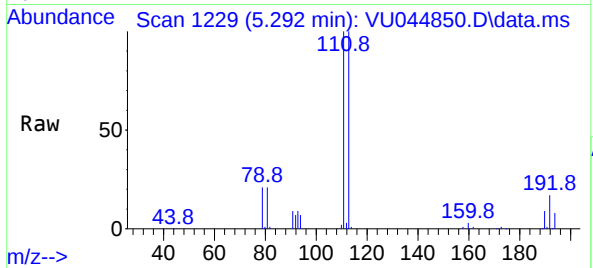




#35
Dibromofluoromethane
Concen: 49.082 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.003 min
Lab File: VU044850.D
Acq: 25 Sep 2021 20:28

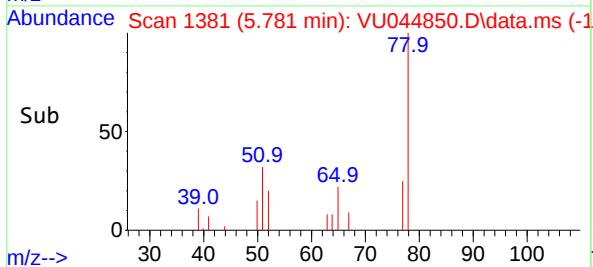
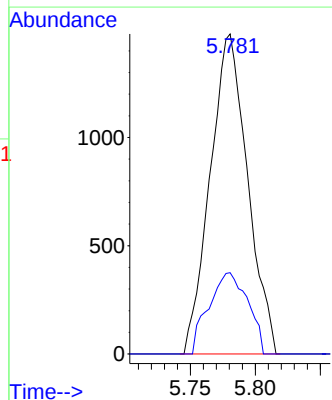
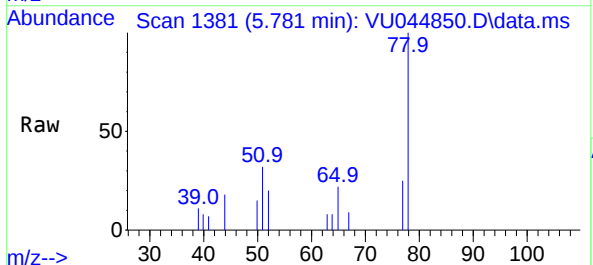
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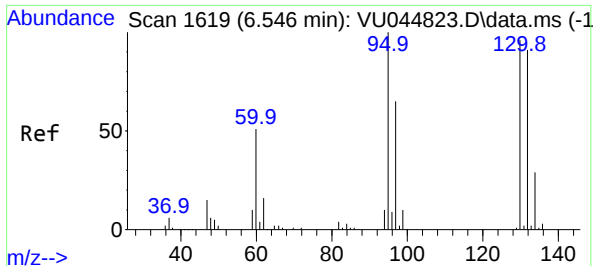
Tgt Ion:113 Resp: 100711
Ion Ratio Lower Upper
113 100
111 101.2 84.1 126.1
192 17.4 14.8 22.2



#40
Benzene
Concen: 0.306 ug/l
RT: 5.781 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU044850.D
Acq: 25 Sep 2021 20:28

Tgt Ion: 78 Resp: 2959
Ion Ratio Lower Upper
78 100
77 25.4 19.1 28.7

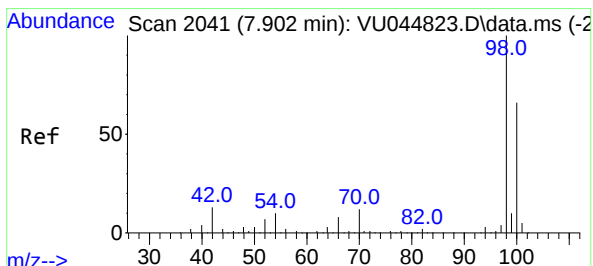
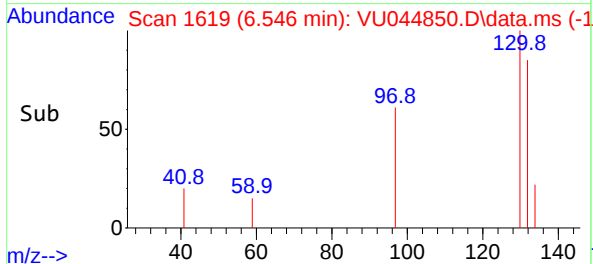
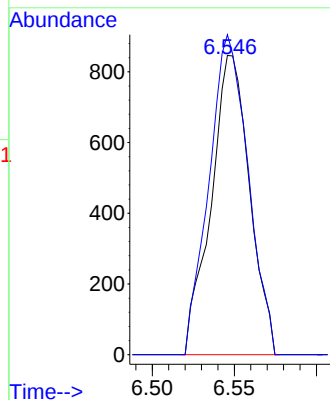
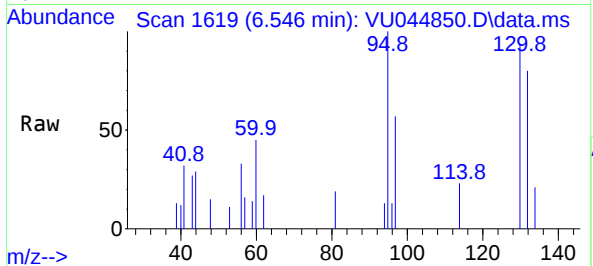




#44
Trichloroethene
Concen: 0.595 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU044850.D
Acq: 25 Sep 2021 20:28

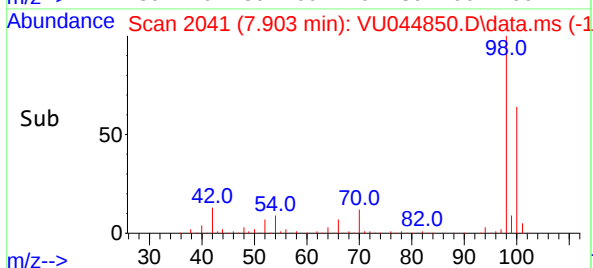
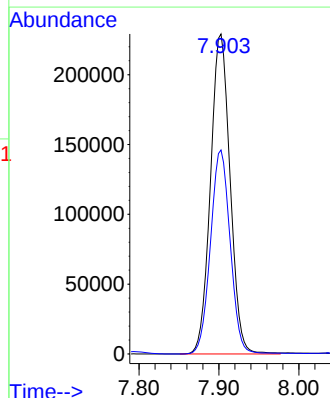
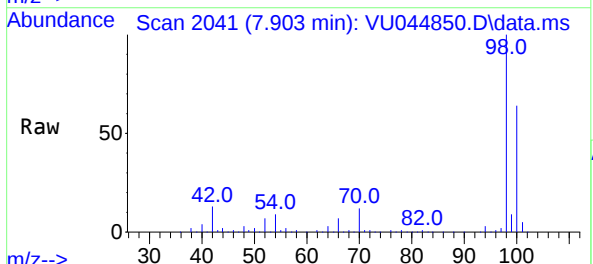
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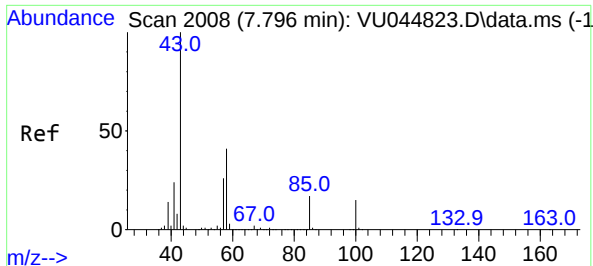
Tgt Ion:130 Resp: 1384
Ion Ratio Lower Upper
130 100
95 107.0 0.0 209.0



#50
Toluene-d8
Concen: 50.365 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044850.D
Acq: 25 Sep 2021 20:28

Tgt Ion: 98 Resp: 390303
Ion Ratio Lower Upper
98 100
100 64.2 52.5 78.7

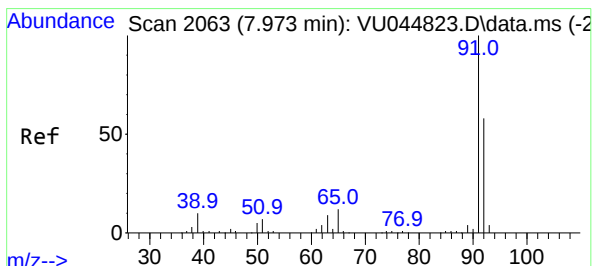
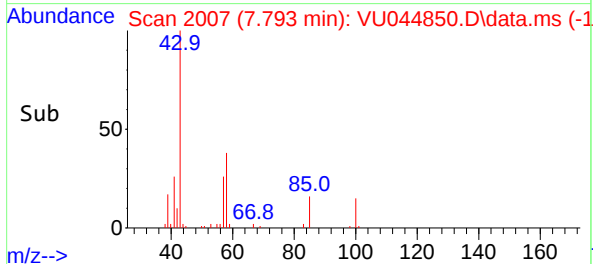
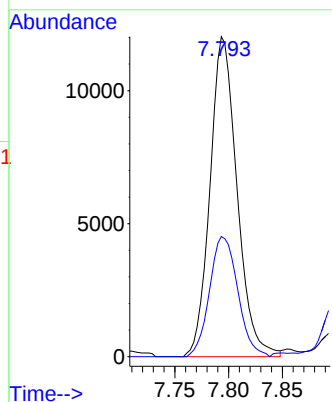
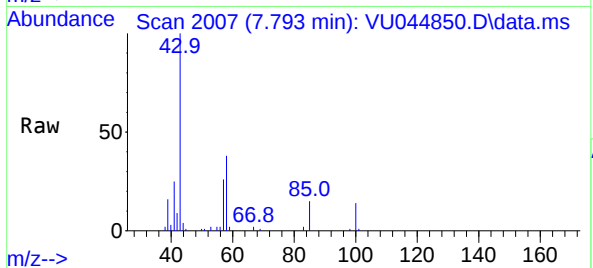




#51
4-Methyl-2-Pentanone
Concen: 4.539 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.003 min
Lab File: VU044850.D
Acq: 25 Sep 2021 20:28

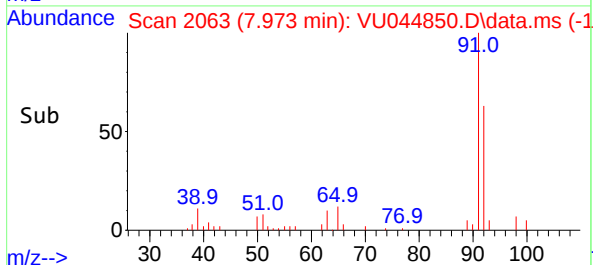
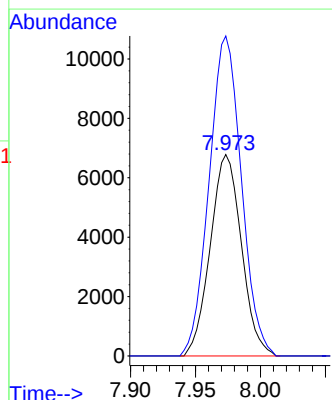
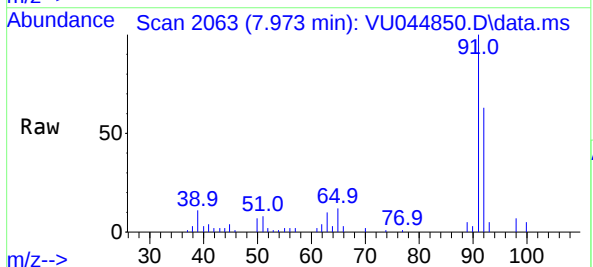
Instrument :
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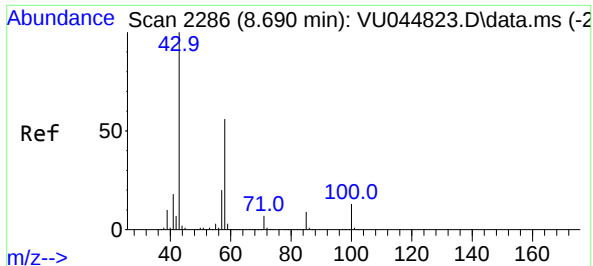
Tgt Ion: 43 Resp: 21073
Ion Ratio Lower Upper
43 100
58 39.1 32.4 48.6



#52
Toluene
Concen: 1.957 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044850.D
Acq: 25 Sep 2021 20:28

Tgt Ion: 92 Resp: 11318
Ion Ratio Lower Upper
92 100
91 164.2 136.9 205.3





#59

2-Hexanone

Concen: 3.761 ug/l

RT: 8.690 min Scan# 2286

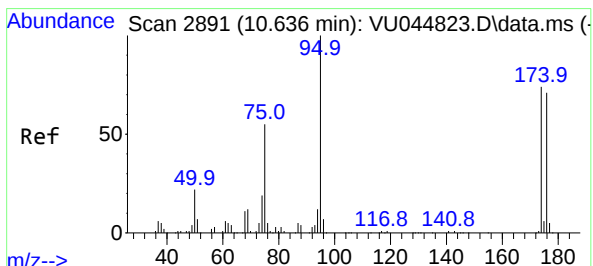
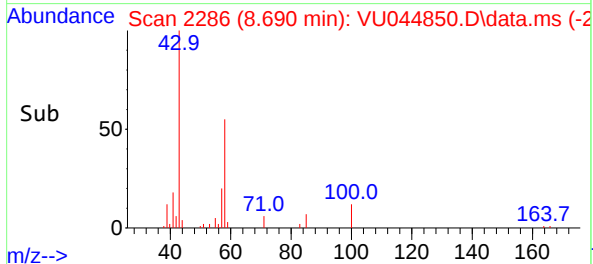
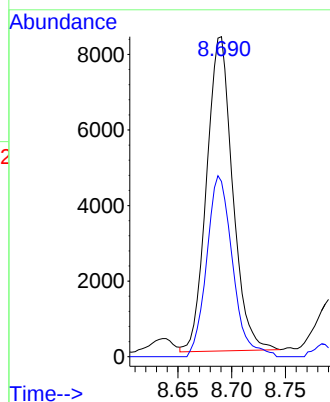
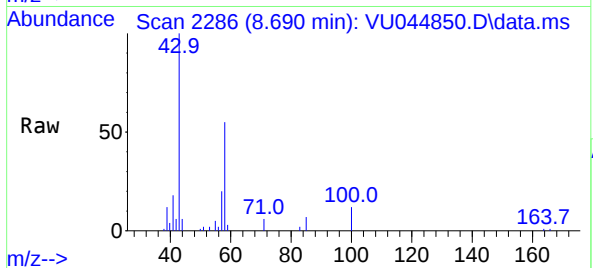
Delta R.T. 0.000 min

Lab File: VU044850.D

Acq: 25 Sep 2021 20:28

Instrument :
MSVOA_U
ClientSampled :
20882

Tgt Ion: 43 Resp: 14016
Ion Ratio Lower Upper
43 100
58 57.0 28.0 84.0



#62

4-Bromofluorobenzene

Concen: 48.720 ug/l

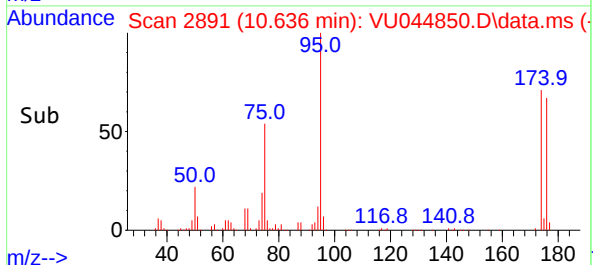
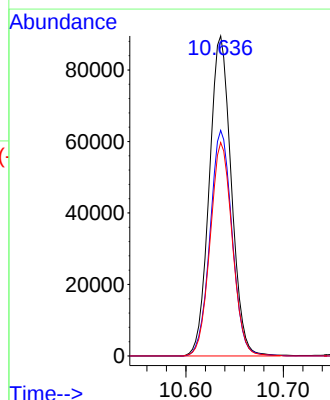
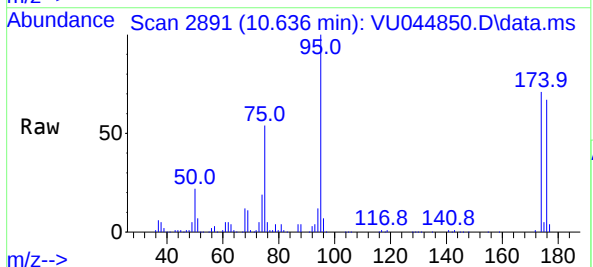
RT: 10.636 min Scan# 2891

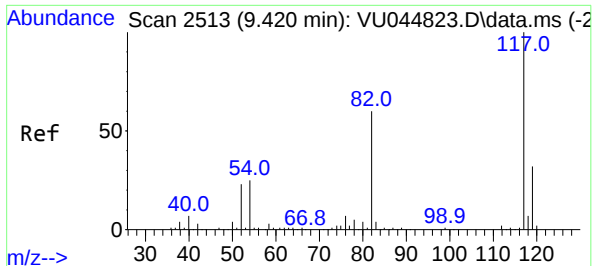
Delta R.T. 0.000 min

Lab File: VU044850.D

Acq: 25 Sep 2021 20:28

Tgt Ion: 95 Resp: 140231
Ion Ratio Lower Upper
95 100
174 70.7 0.0 146.6
176 67.0 0.0 141.2



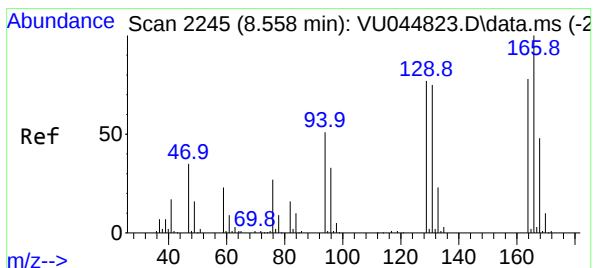
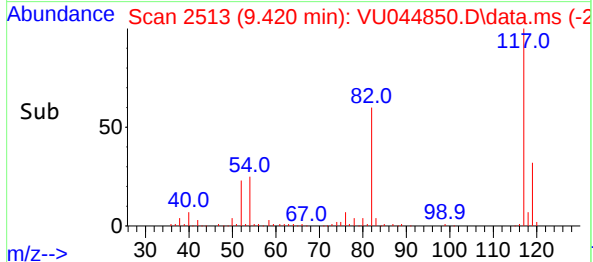
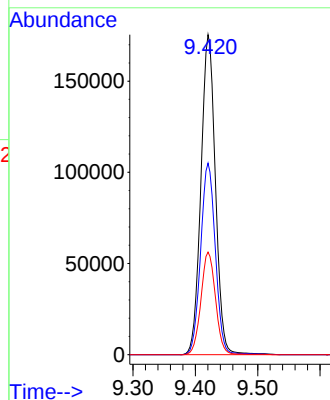
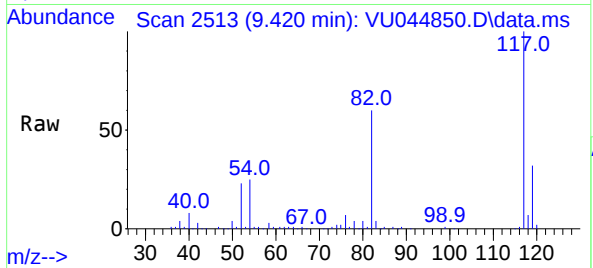


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044850.D
Acq: 25 Sep 2021 20:28

Instrument :
MSVOA_U
ClientSampled :
20882

Tgt Ion:117 Resp: 284279

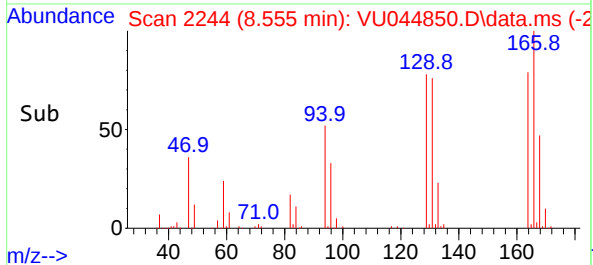
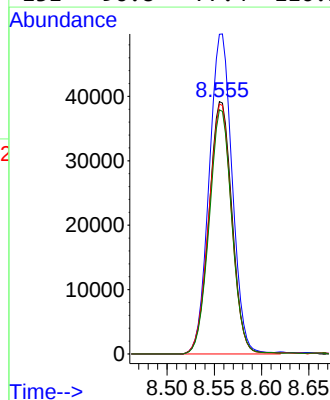
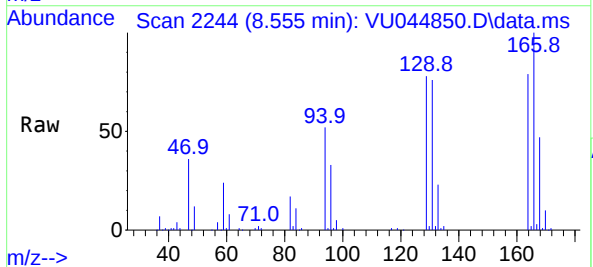
Ion	Ratio	Lower	Upper
117	100		
82	59.9	47.8	71.8
119	32.1	25.8	38.6

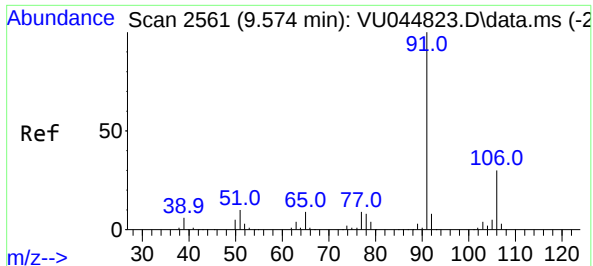


#64
Tetrachloroethene
Concen: 34.507 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU044850.D
Acq: 25 Sep 2021 20:28

Tgt Ion:164 Resp: 66492

Ion	Ratio	Lower	Upper
164	100		
166	126.7	102.8	154.2
129	99.1	79.4	119.2
131	96.8	77.4	116.2

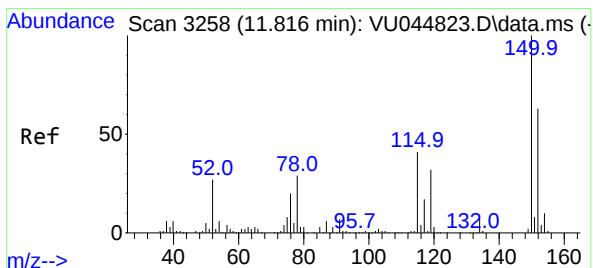
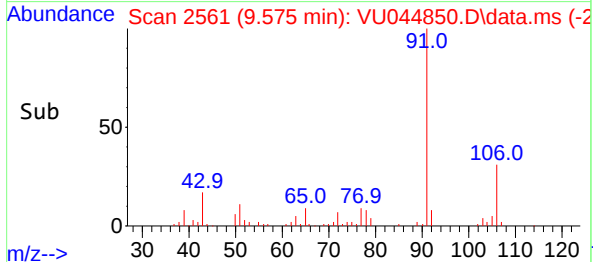
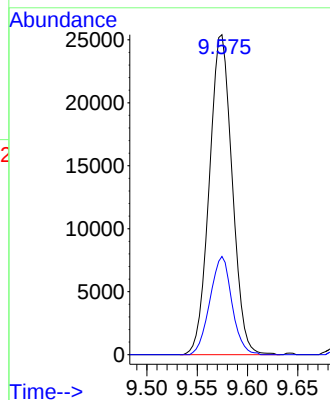
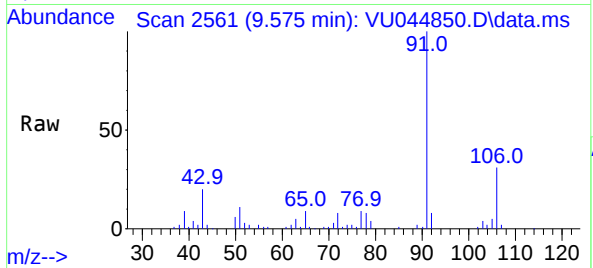




#67
Ethyl Benzene
Concen: 3.811 ug/l
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU044850.D
Acq: 25 Sep 2021 20:28

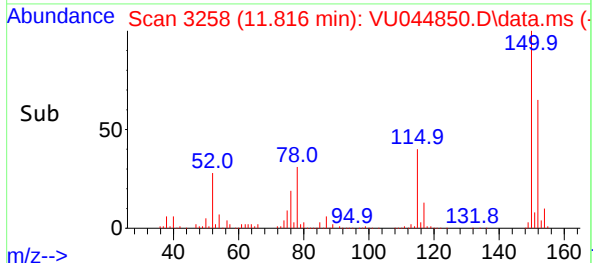
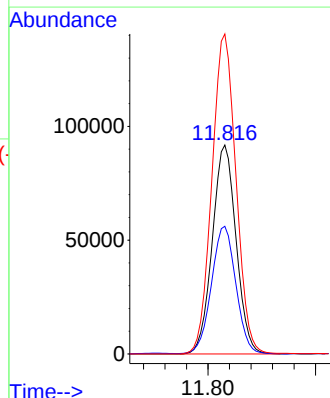
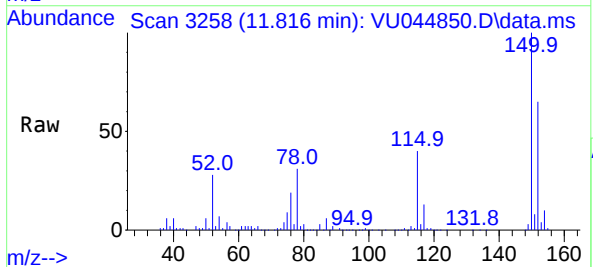
Instrument :
MSVOA_U
ClientSampled :
20882

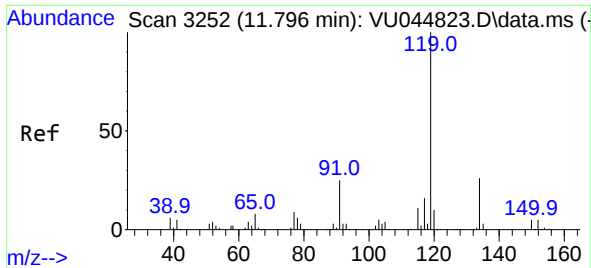
Tgt Ion: 91 Resp: 40145
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044850.D
Acq: 25 Sep 2021 20:28

Tgt Ion:152 Resp: 141004
Ion Ratio Lower Upper
152 100
115 63.0 43.5 130.7
150 155.3 0.0 350.0





#86
 p-Isopropyltoluene
 Concen: 1.565 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU044850.D
 Acq: 25 Sep 2021 20:28

Instrument :
 MSVOA_U
 ClientSampleId :
 20882

Tgt Ion:119	Resp:	13464
Ion	Ratio	Lower Upper
119	100	
134	27.3	12.8 38.3
91	17.7	12.2 36.6

