

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044845.D
 Acq On : 25 Sep 2021 18:31
 Operator : SY/MD
 Sample : M3829-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE125D2-20210917

Quant Time: Sep 27 01:34:06 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)

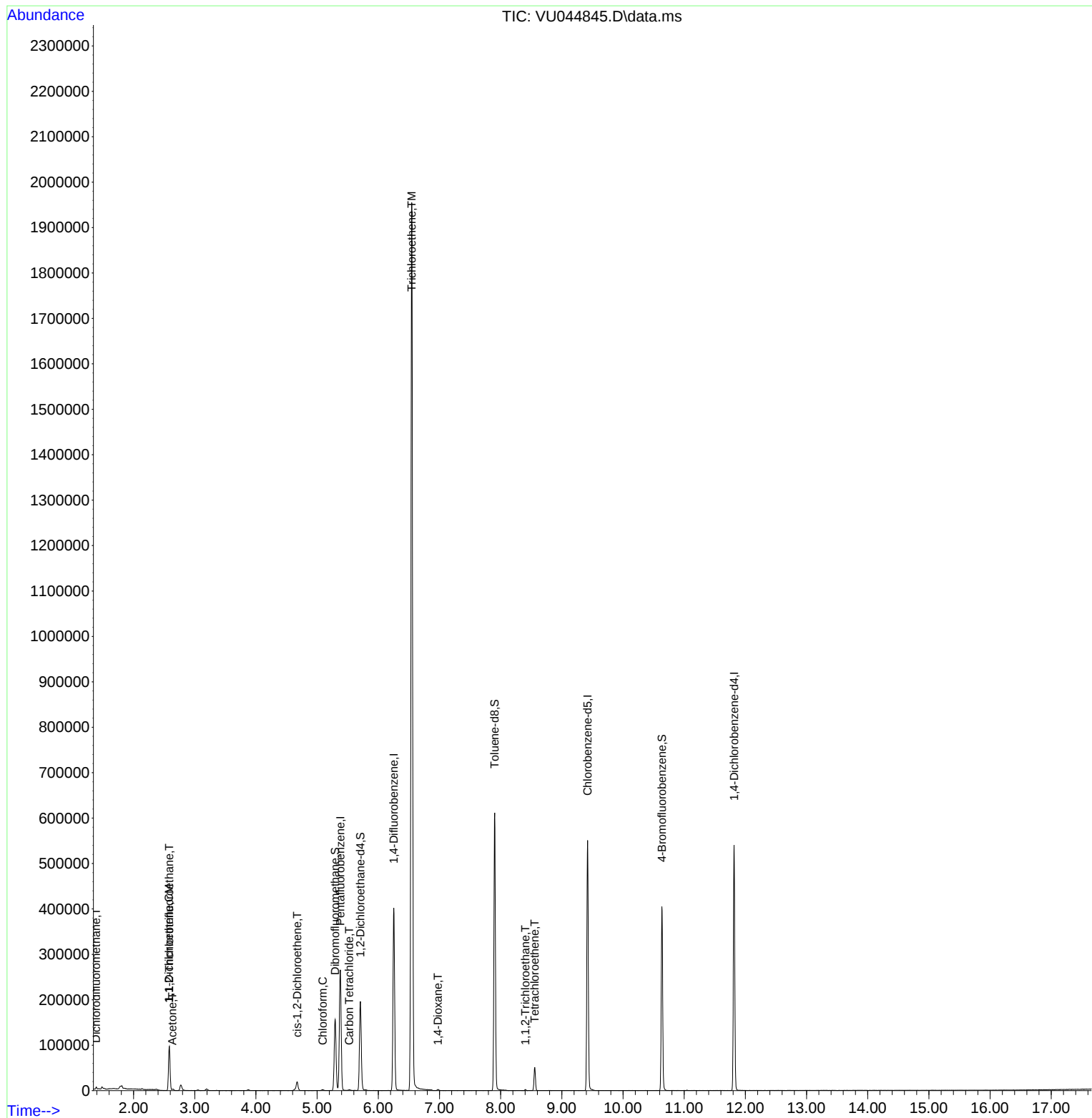
Internal Standards						
1) Pentafluorobenzene	5.379	168	169440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	302900	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	285147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	128545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	147029	49.719	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.440%	
35) Dibromofluoromethane	5.295	113	101084	48.646	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.300%	
50) Toluene-d8	7.903	98	387735	49.406	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.820%	
62) 4-Bromofluorobenzene	10.636	95	133821	45.909	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.820%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	818	0.403	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.585	101	28784	13.964	ug/l	98
12) 1,1-Dichloroethene	2.581	96	8216	4.027	ug/l	97
16) Acetone	2.633	43	2673	1.602	ug/l	97
27) cis-1,2-Dichloroethene	4.674	96	9437	3.552	ug/l	88
30) Chloroform	5.092	83	1671	0.366	ug/l	92
38) Carbon Tetrachloride	5.523	117	1028	0.358	ug/l #	84
44) Trichloroethene	6.546	130	613385	260.469	ug/l	98
49) 1,4-Dioxane	6.977	88	1942	24.402	ug/l #	77
55) 1,1,2-Trichloroethane	8.404	97	783	0.313	ug/l #	88
64) Tetrachloroethene	8.555	164	10691	5.531	ug/l	98

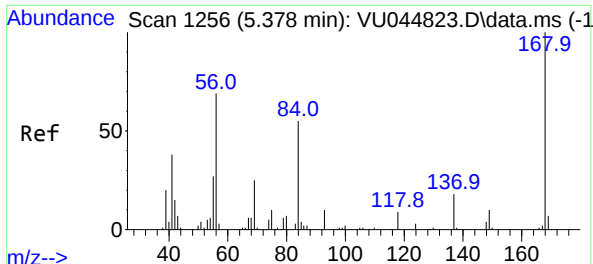
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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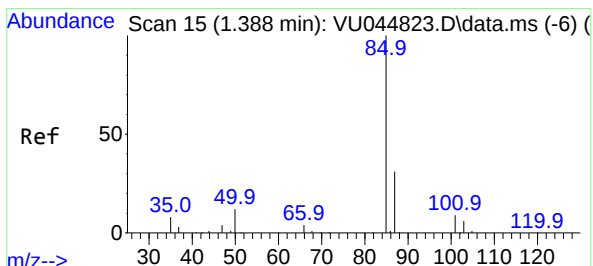
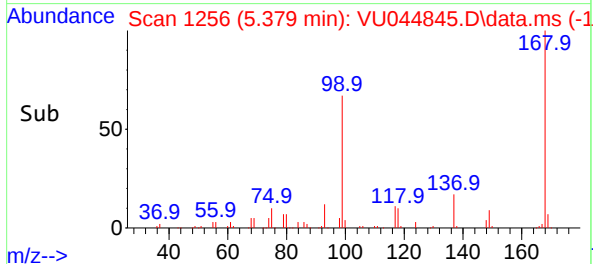
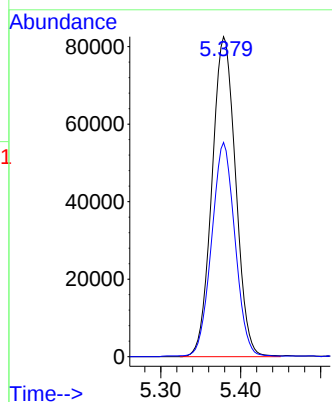
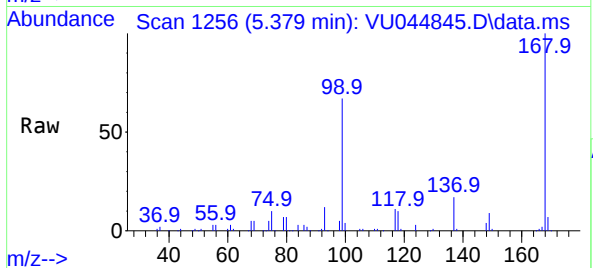




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.001 min
Lab File: VU044845.D
Acq: 25 Sep 2021 18:31

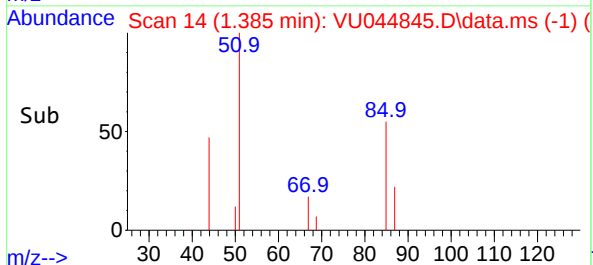
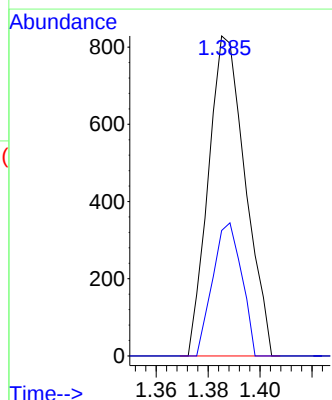
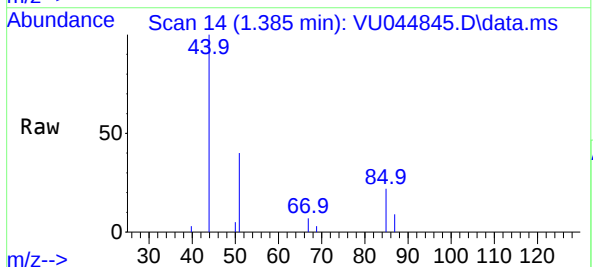
Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20210917

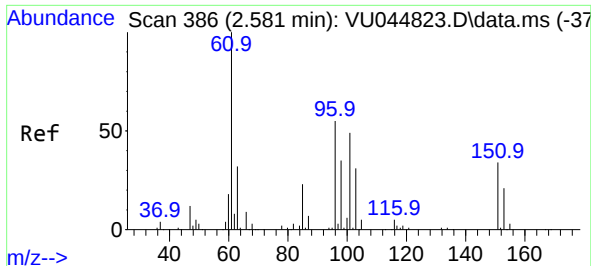
Tgt Ion:168 Resp: 169440
Ion Ratio Lower Upper
168 100
99 66.7 51.4 77.0



#2
Dichlorodifluoromethane
Concen: 0.403 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU044845.D
Acq: 25 Sep 2021 18:31

Tgt Ion: 85 Resp: 818
Ion Ratio Lower Upper
85 100
87 39.2 15.7 47.0

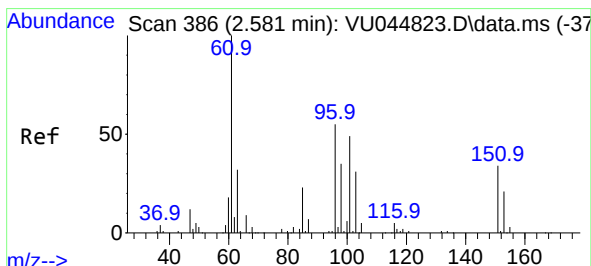
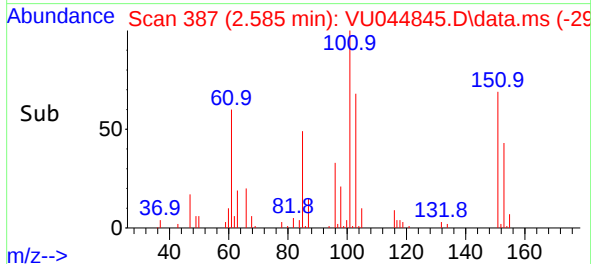
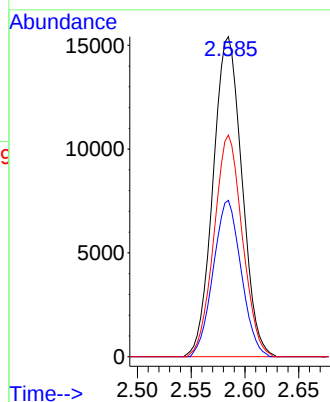
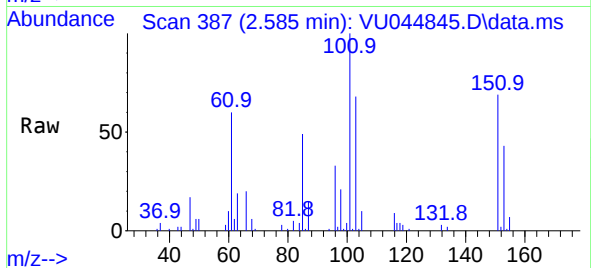




#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.964 ug/l
RT: 2.585 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU044845.D
Acq: 25 Sep 2021 18:31

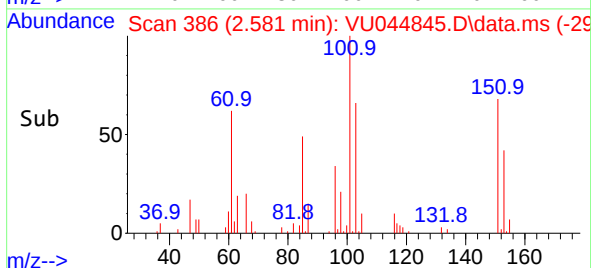
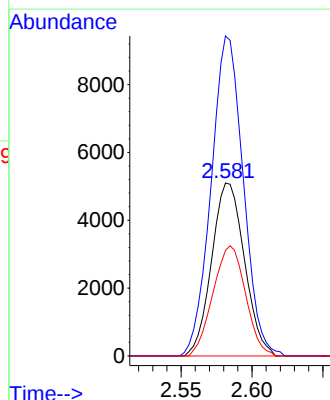
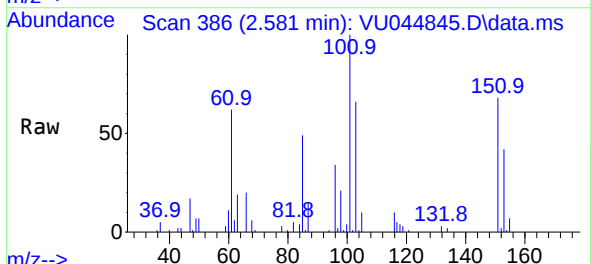
Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20210917

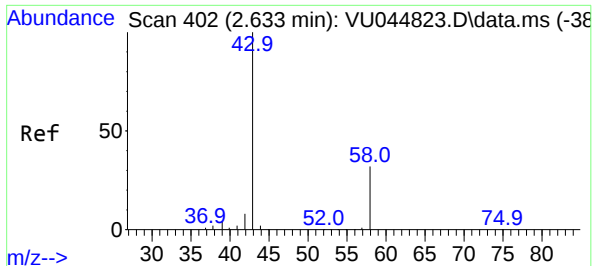
Tgt Ion:101 Resp: 28784
Ion Ratio Lower Upper
101 100
85 47.3 37.2 55.8
151 68.2 55.8 83.8



#12
1,1-Dichloroethene
Concen: 4.027 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU044845.D
Acq: 25 Sep 2021 18:31

Tgt Ion: 96 Resp: 8216
Ion Ratio Lower Upper
96 100
61 185.1 145.4 218.0
98 61.0 50.9 76.3

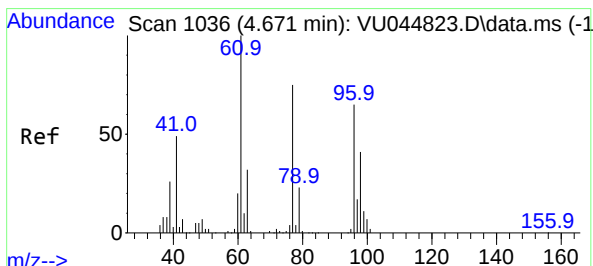
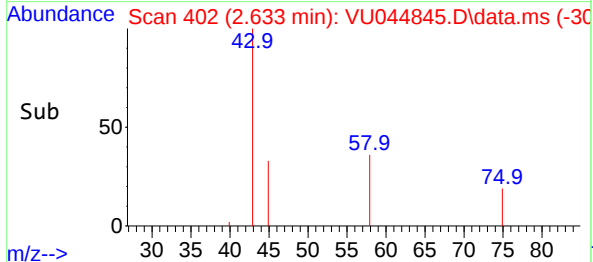
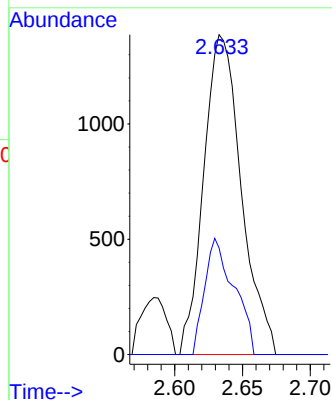
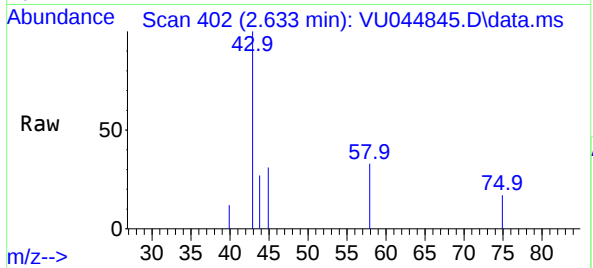




#16
Acetone
Concen: 1.602 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU044845.D
Acq: 25 Sep 2021 18:31

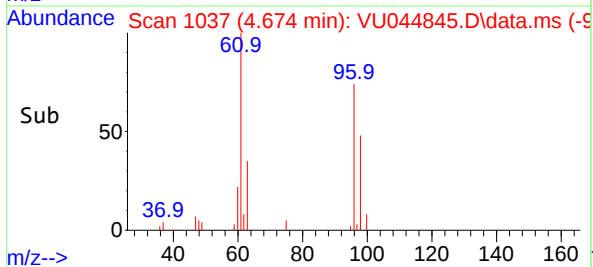
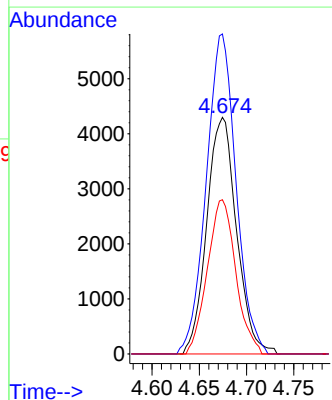
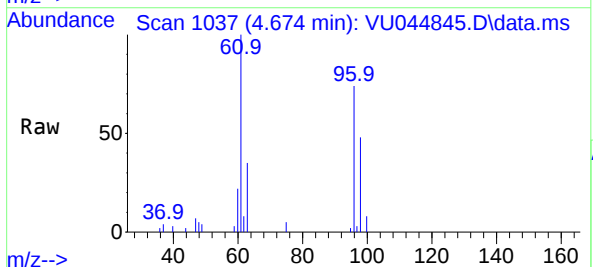
Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20210917

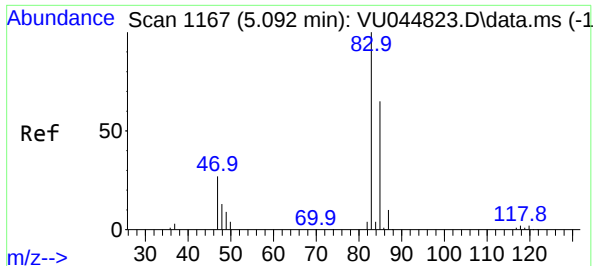
Tgt Ion: 43 Resp: 2673
Ion Ratio Lower Upper
43 100
58 33.3 25.2 37.8



#27
cis-1,2-Dichloroethene
Concen: 3.552 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU044845.D
Acq: 25 Sep 2021 18:31

Tgt Ion: 96 Resp: 9437
Ion Ratio Lower Upper
96 100
61 135.0 0.0 313.4
98 62.0 0.0 127.0



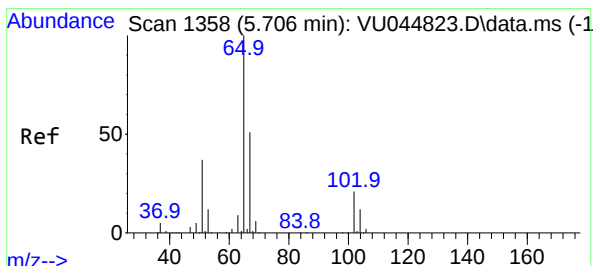
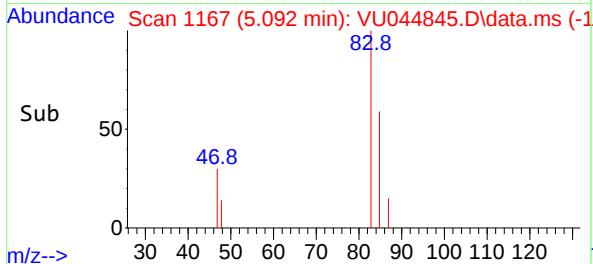
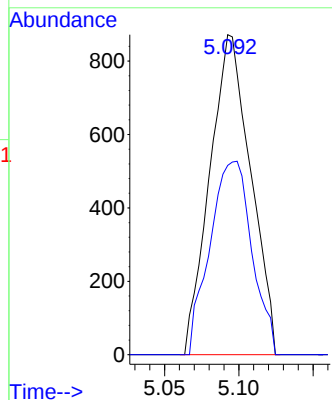
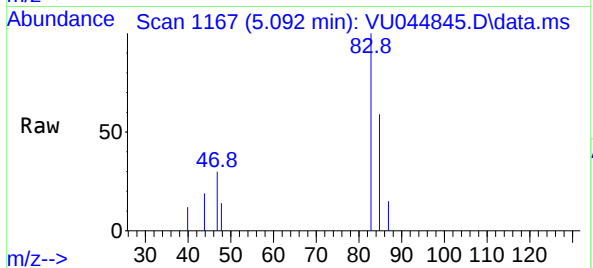


#30

Chloroform
Concen: 0.366 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU044845.D
Acq: 25 Sep 2021 18:31

Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20210917

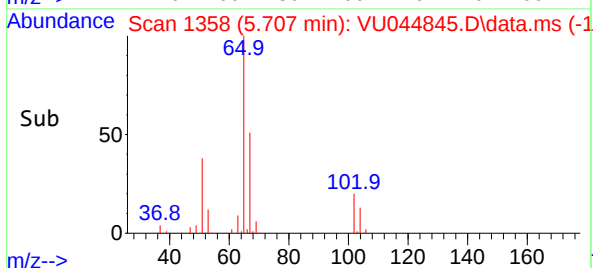
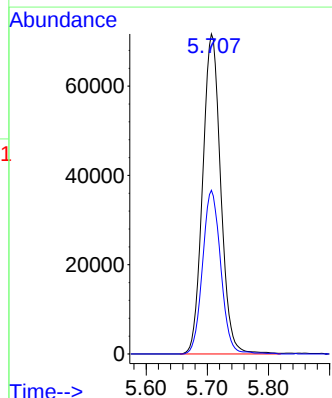
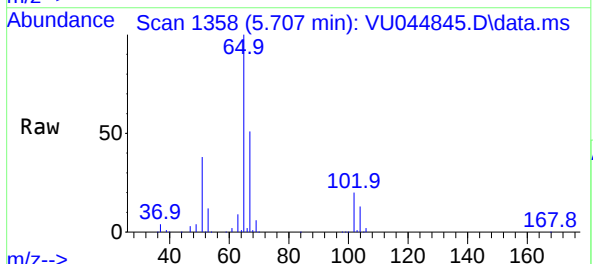
Tgt Ion: 83 Resp: 1671
Ion Ratio Lower Upper
83 100
85 59.2 52.1 78.1

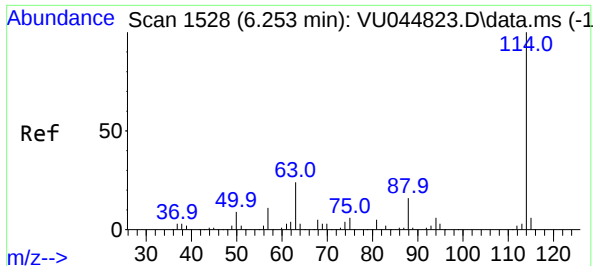


#33

1,2-Dichloroethane-d4
Concen: 49.719 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044845.D
Acq: 25 Sep 2021 18:31

Tgt Ion: 65 Resp: 147029
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.8

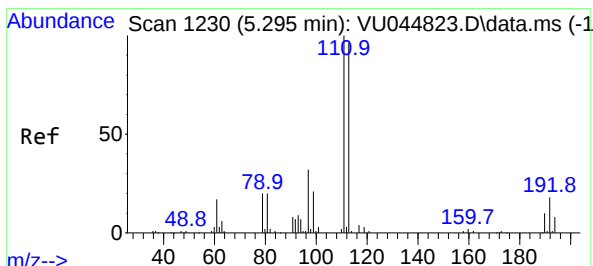
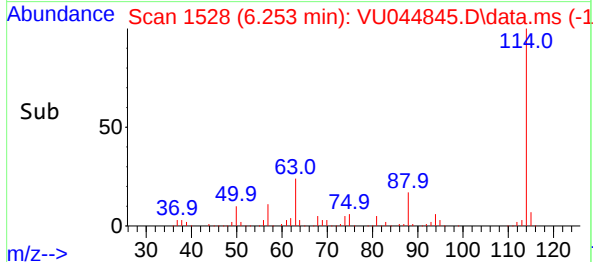
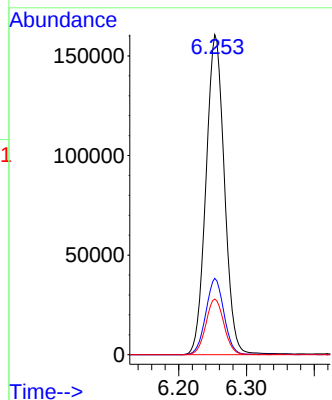
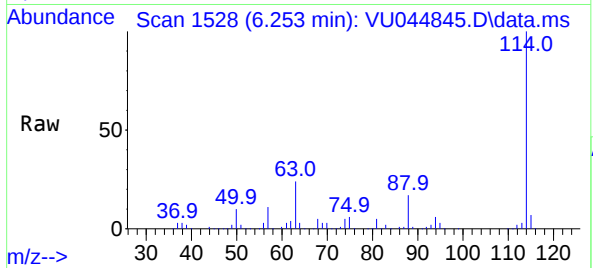




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU044845.D
Acq: 25 Sep 2021 18:31

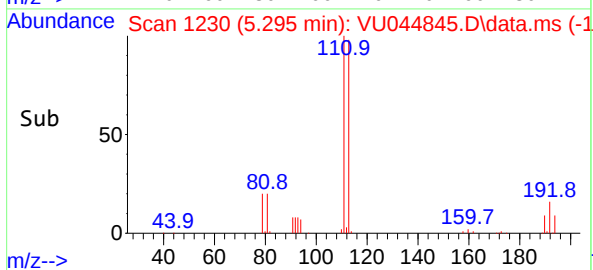
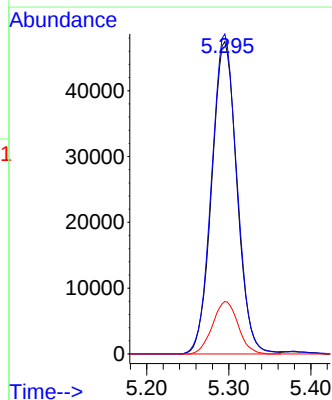
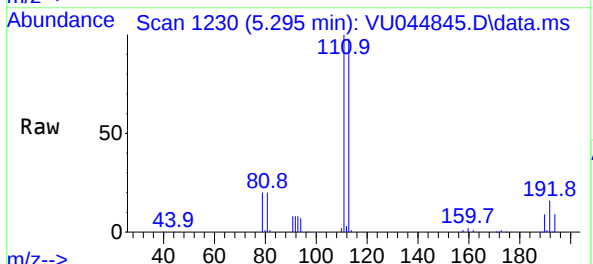
Instrument :
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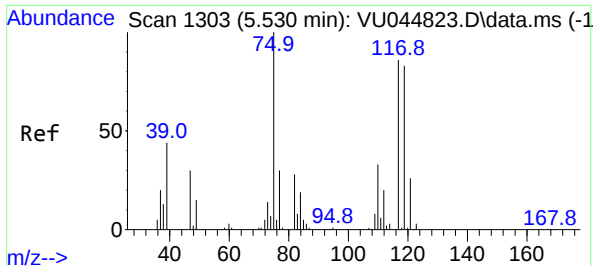
Tgt Ion:114 Resp: 302900
Ion Ratio Lower Upper
114 100
63 23.8 0.0 47.8
88 17.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.646 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VU044845.D
Acq: 25 Sep 2021 18:31

Tgt Ion:113 Resp: 101084
Ion Ratio Lower Upper
113 100
111 102.9 84.1 126.1
192 17.1 14.8 22.2

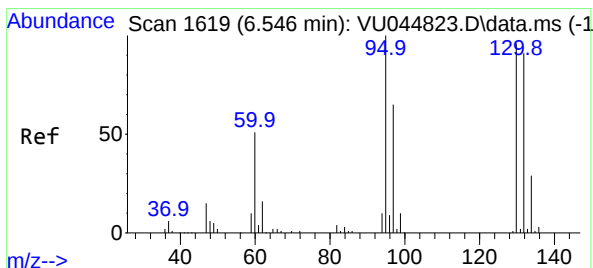
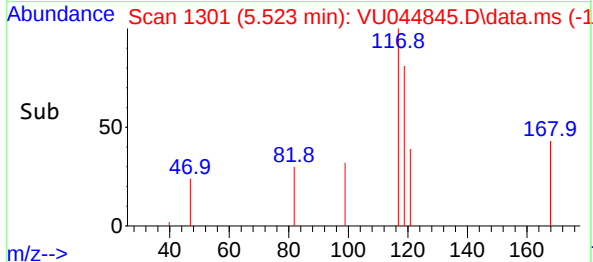
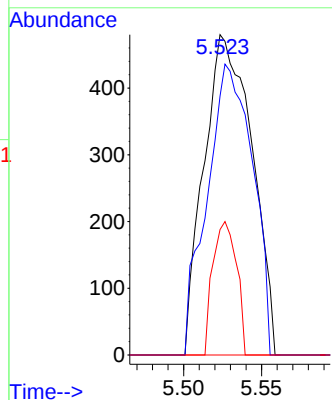
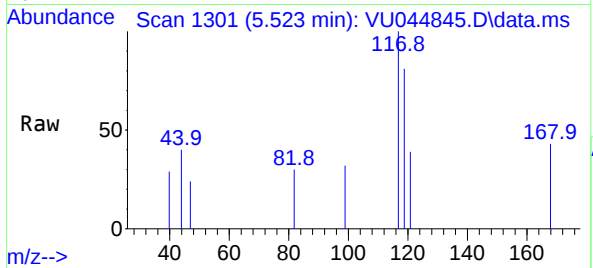




#38
Carbon Tetrachloride
Concen: 0.358 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. -0.006 min
Lab File: VU044845.D
Acq: 25 Sep 2021 18:31

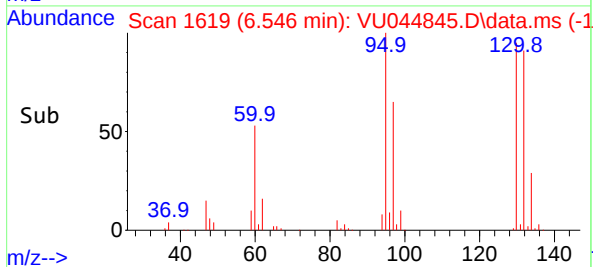
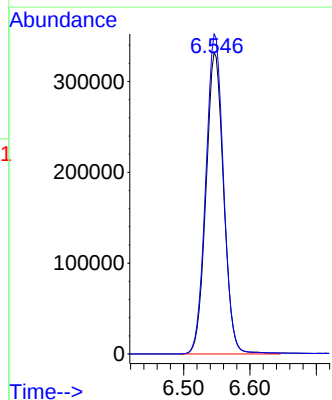
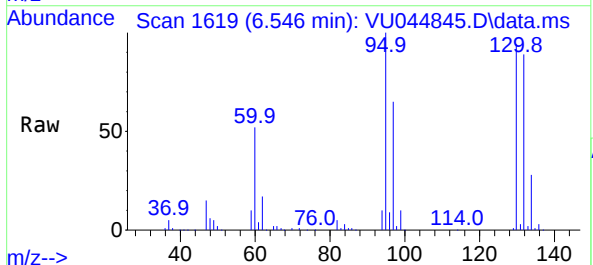
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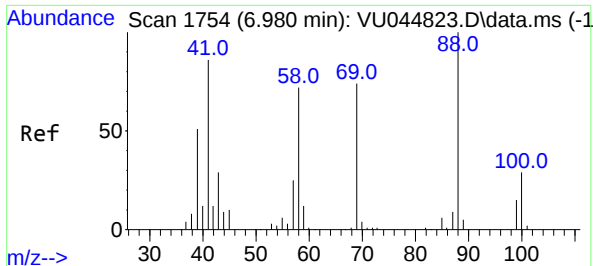
Tgt Ion:117 Resp: 1028
Ion Ratio Lower Upper
117 100
119 80.8 77.4 116.2
121 39.2 24.5 36.7#



#44
Trichloroethene
Concen: 260.469 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU044845.D
Acq: 25 Sep 2021 18:31

Tgt Ion:130 Resp: 613385
Ion Ratio Lower Upper
130 100
95 106.1 0.0 209.0

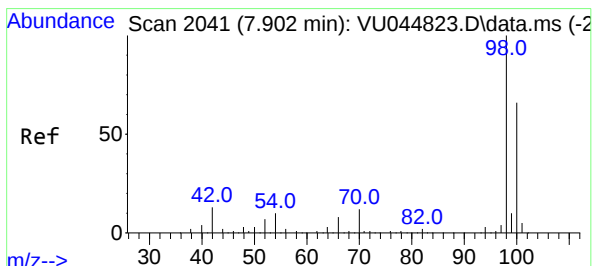
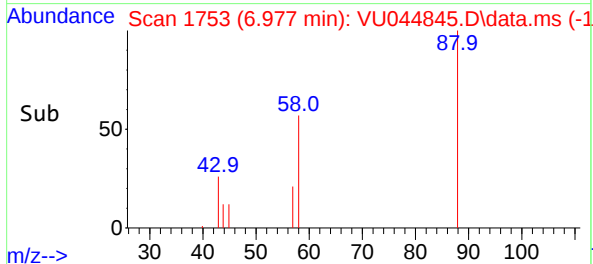
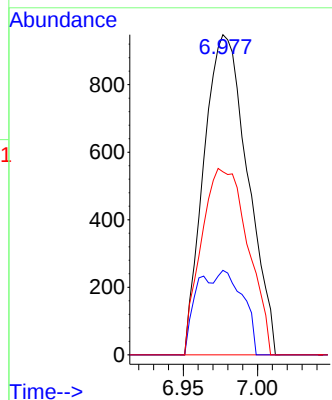
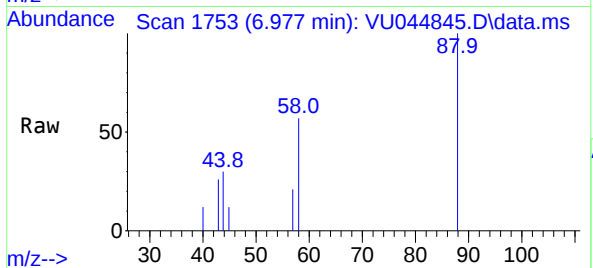




#49
1,4-Dioxane
Concen: 24.402 ug/l
RT: 6.977 min Scan# 1753
Delta R.T. -0.003 min
Lab File: VU044845.D
Acq: 25 Sep 2021 18:31

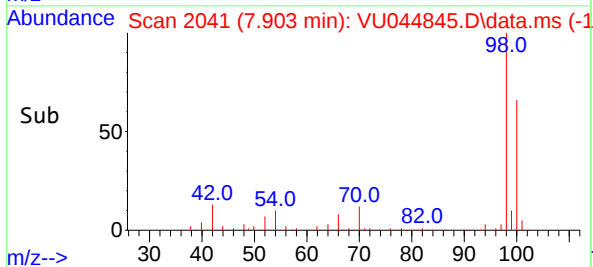
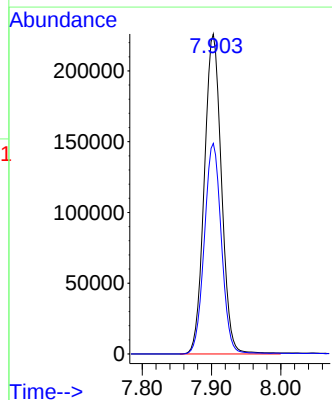
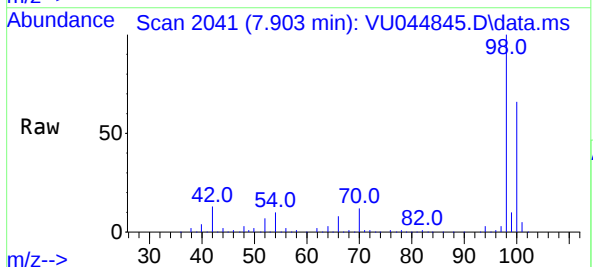
Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20210917

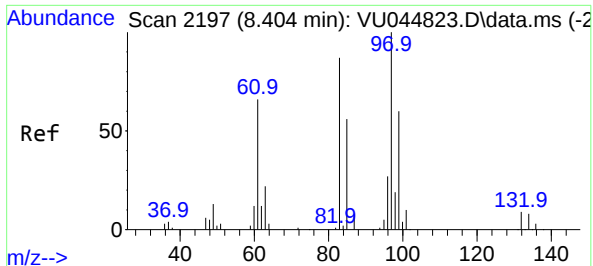
Tgt Ion: 88 Resp: 1942
Ion Ratio Lower Upper
88 100
43 11.5 25.8 38.6#
58 61.9 61.3 91.9



#50
Toluene-d8
Concen: 49.406 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044845.D
Acq: 25 Sep 2021 18:31

Tgt Ion: 98 Resp: 387735
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



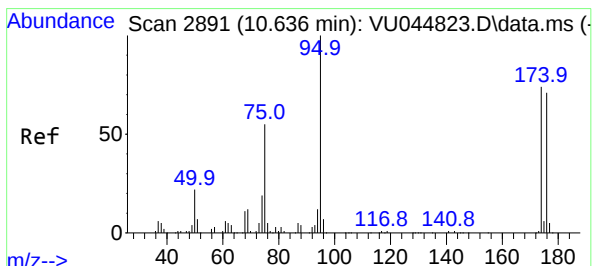
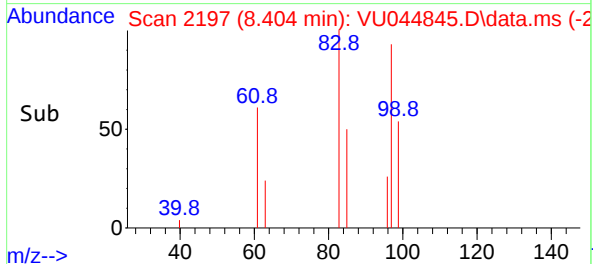
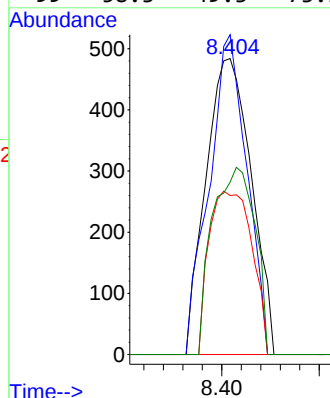
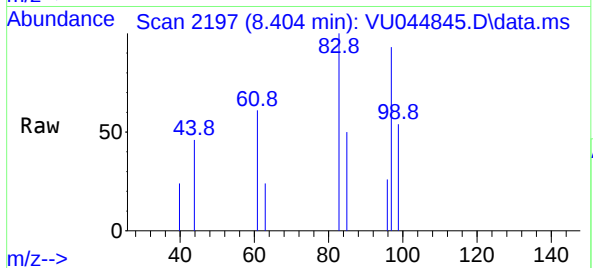


#55
1,1,2-Trichloroethane
Concen: 0.313 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU044845.D
Acq: 25 Sep 2021 18:31

Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20210917

Tgt Ion: 97 Resp: 783

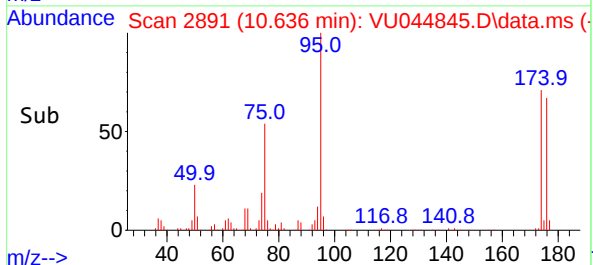
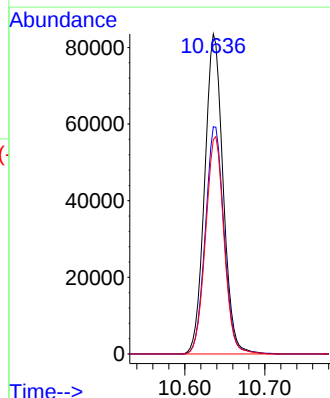
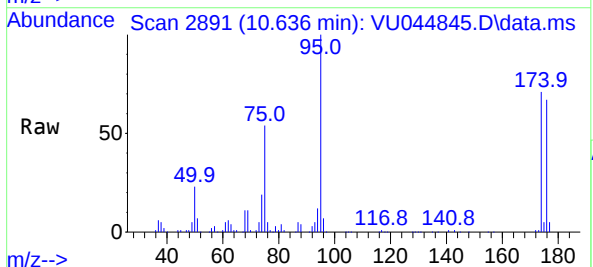
Ion	Ratio	Lower	Upper
97	100		
83	108.1	69.7	104.5#
85	53.7	44.8	67.2
99	58.3	49.3	73.9

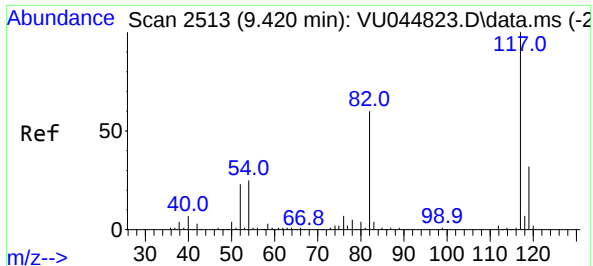


#62
4-Bromofluorobenzene
Concen: 45.909 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044845.D
Acq: 25 Sep 2021 18:31

Tgt Ion: 95 Resp: 133821

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	146.6
176	68.0	0.0	141.2

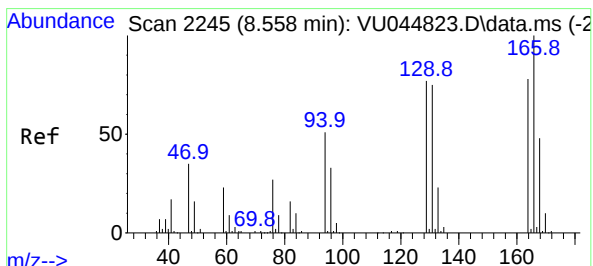
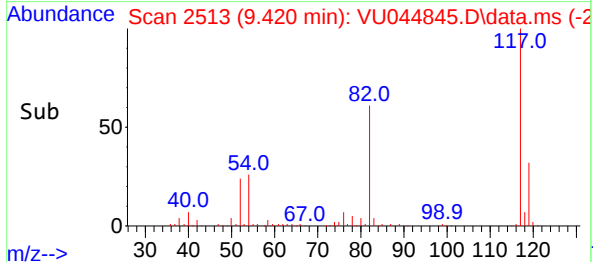
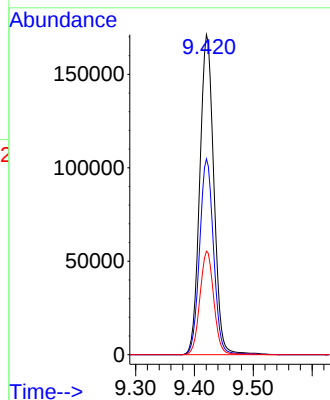
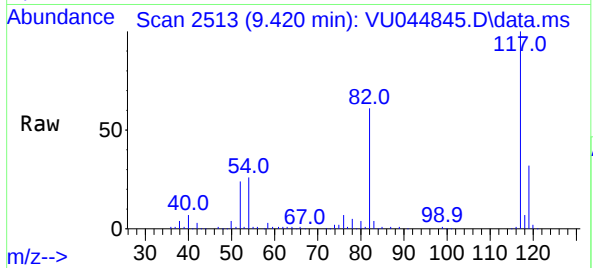




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044845.D
Acq: 25 Sep 2021 18:31

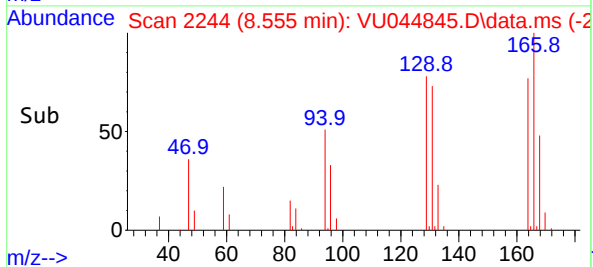
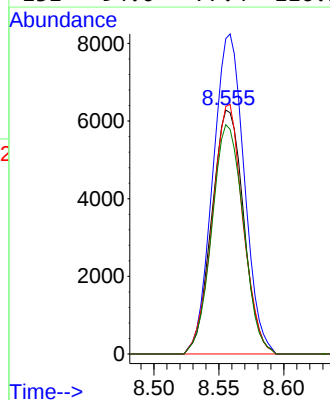
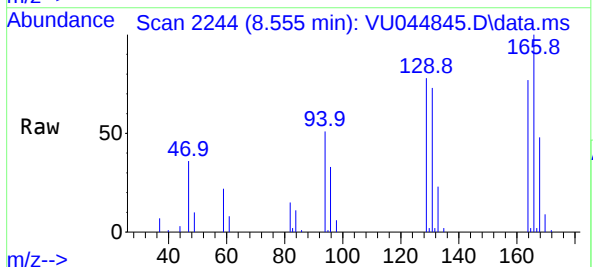
Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20210917

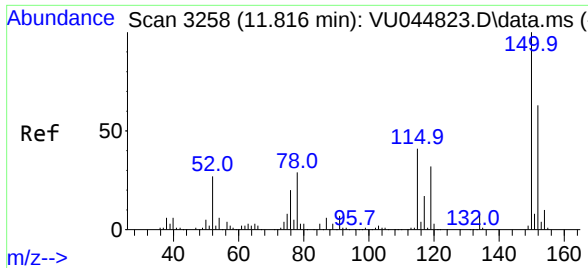
Tgt Ion:117 Resp: 285147
Ion Ratio Lower Upper
117 100
82 61.2 47.8 71.8
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 5.531 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU044845.D
Acq: 25 Sep 2021 18:31

Tgt Ion:164 Resp: 10691
Ion Ratio Lower Upper
164 100
166 129.4 102.8 154.2
129 101.5 79.4 119.2
131 94.0 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: VU044845.D
 Acq: 25 Sep 2021 18:31

Instrument :
 MSVOA_U
 ClientSampleId :
 RE125D2-20210917

Tgt Ion:152 Resp: 128545
 Ion Ratio Lower Upper
 152 100
 115 61.8 43.5 130.7
 150 158.7 0.0 350.0

