Quantitation Report (QT Reviewed)

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
16) Acetone	2.633	43	3589	1.830	ug/l	95
21) trans-1,2-Dichloroethene	3.353	96	2646	1.030	ug/l	88
27) cis-1,2-Dichloroethene	4.668	96	42597	13.639	ug/l	88
44) Trichloroethene	6.546	130	39910	14.781	ug/l	97
64) Tetrachloroethene	8.555	164	113516	52.410	ug/l	96

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

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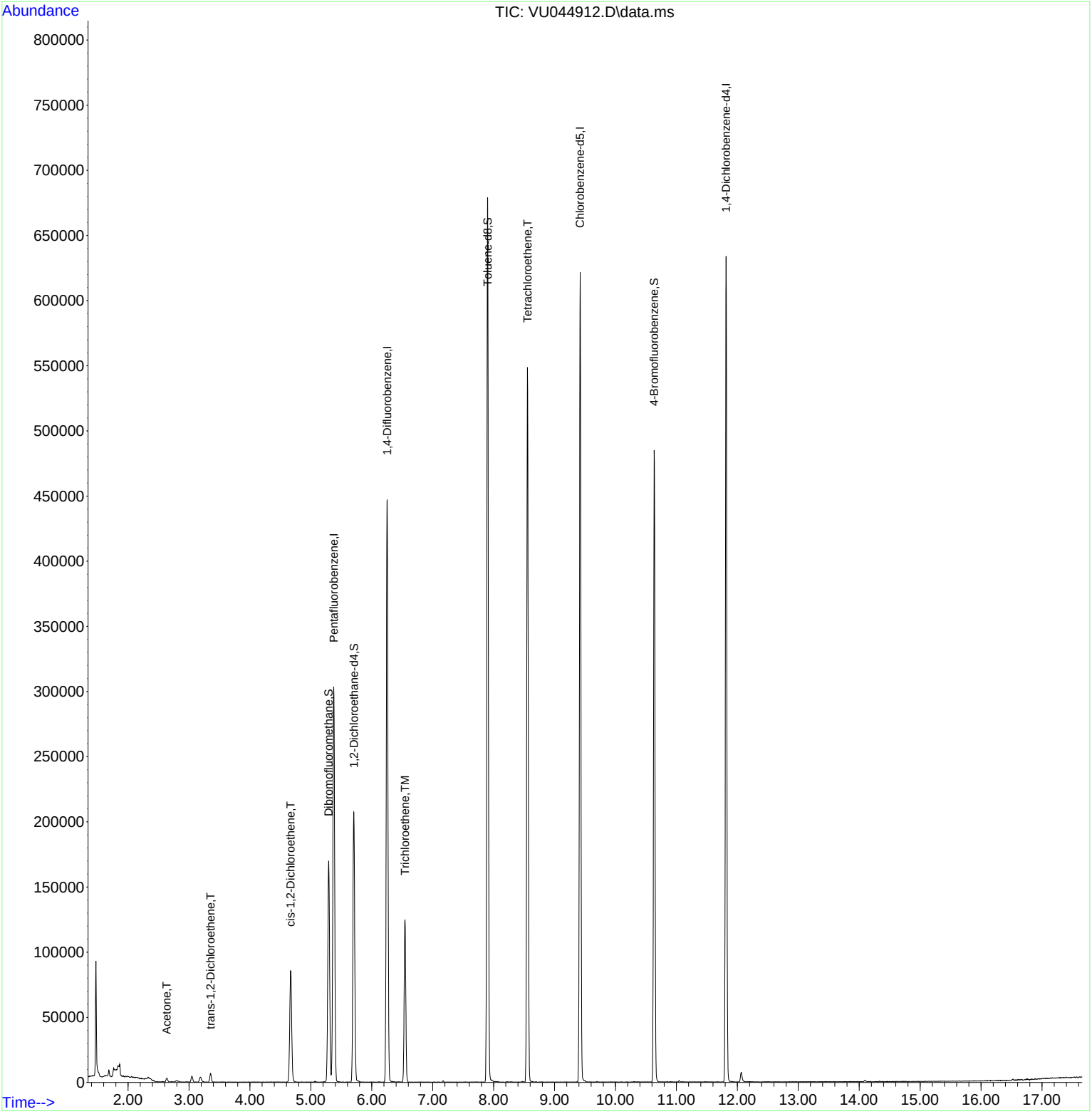
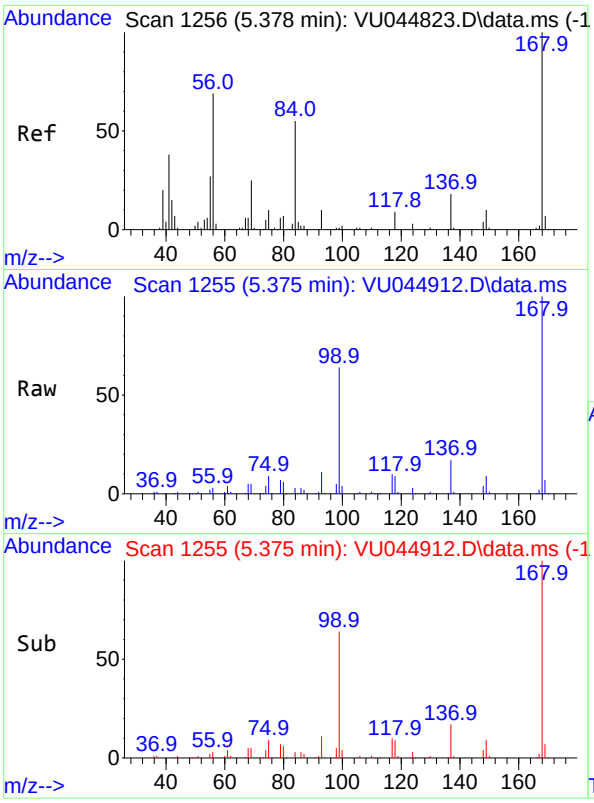
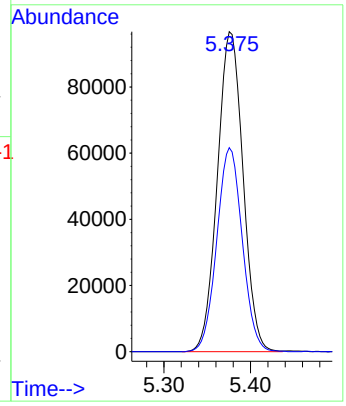




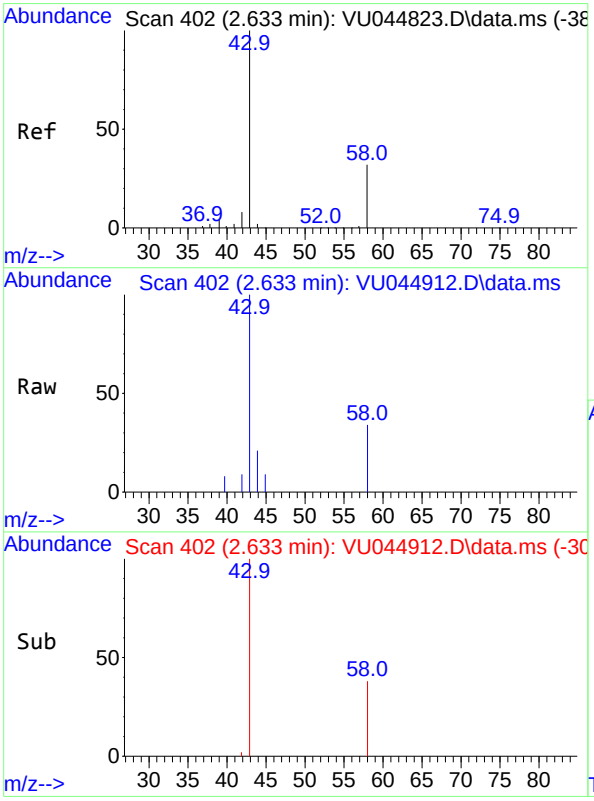
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

Tgt Ion:168 Resp: 199198

Ion	Ratio	Lower	Upper
168	100		
99	63.7	51.4	77.0



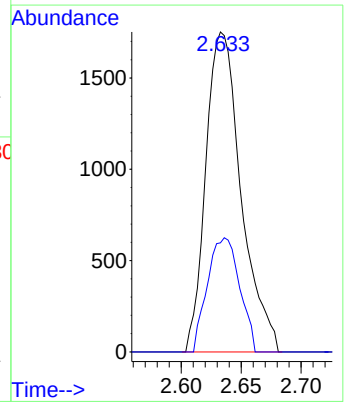
Instrument :
MSVOA_U
ClientSampleId :
1029-MW-03ADL



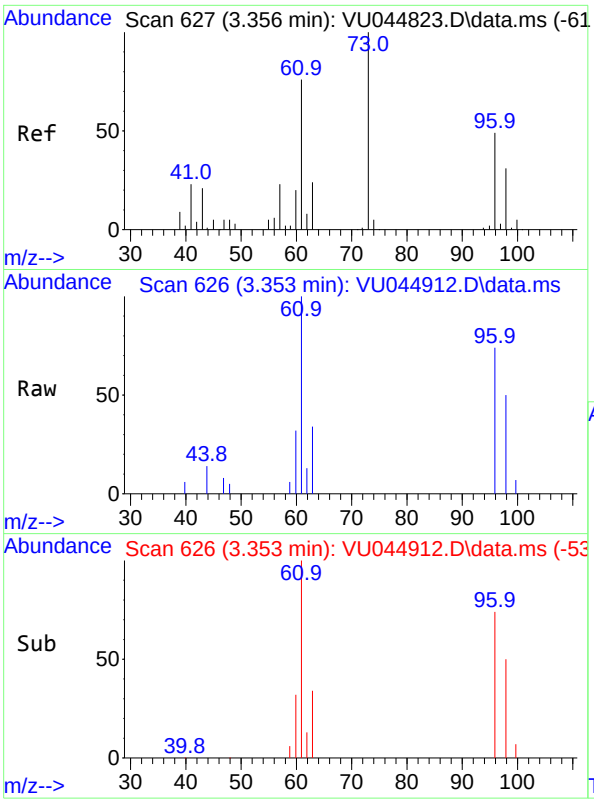
#16
Acetone
Concen: 1.830 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

Tgt Ion: 43 Resp: 3589

Ion	Ratio	Lower	Upper
43	100		
58	34.1	25.2	37.8



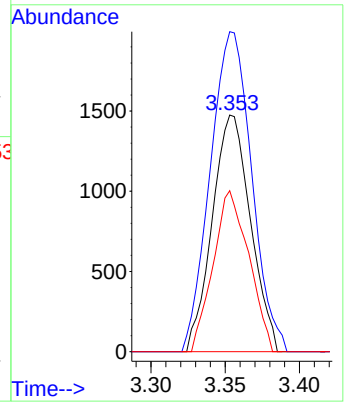
Instrument :
MSVOA_U
ClientSampleId :
1029-MW-03ADL

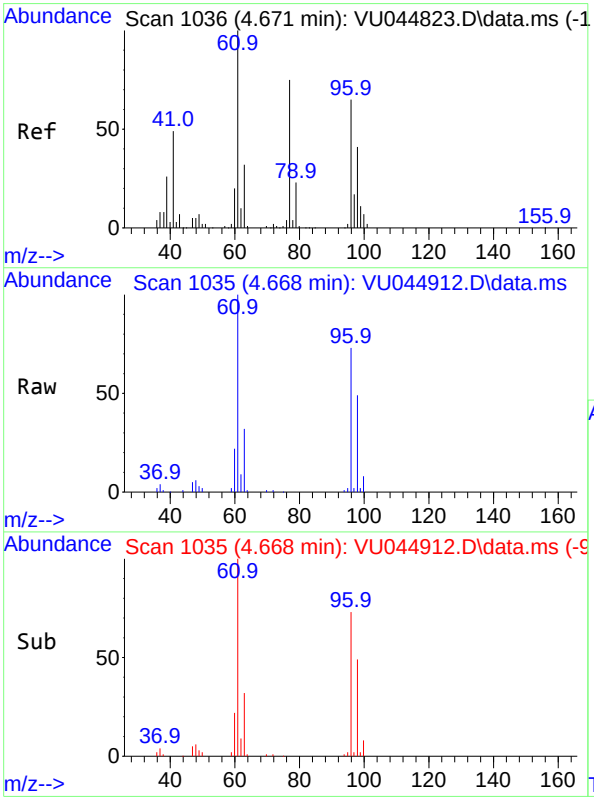


#21
trans-1,2-Dichloroethene
Concen: 1.030 ug/l
RT: 3.353 min Scan# 626
Delta R.T. -0.003 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

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

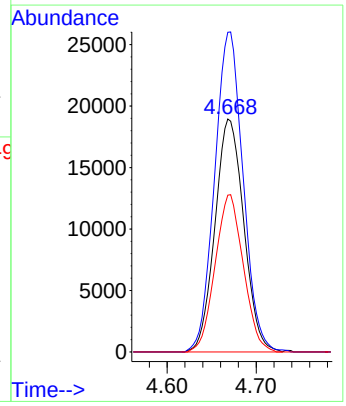


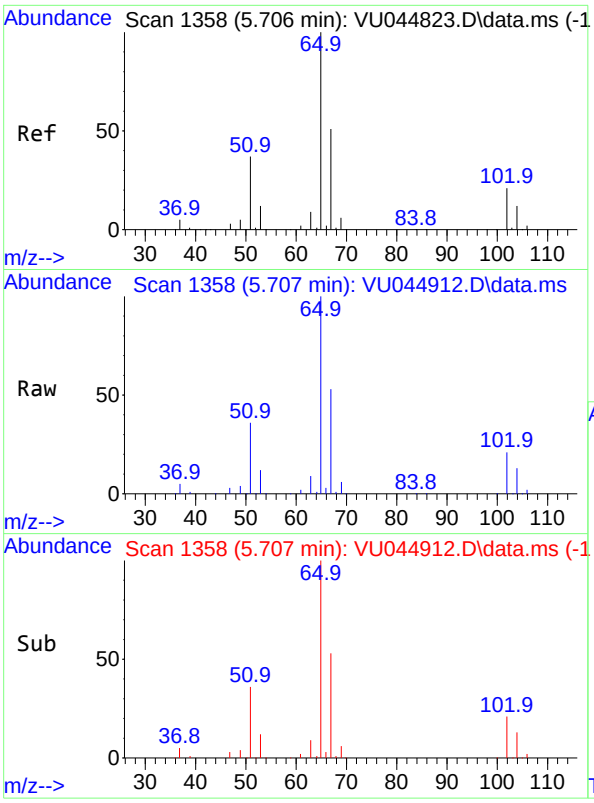


#27
cis-1,2-Dichloroethene
Concen: 13.639 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

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

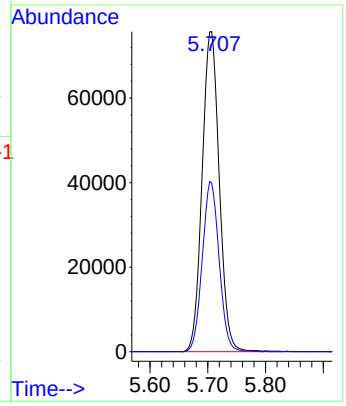




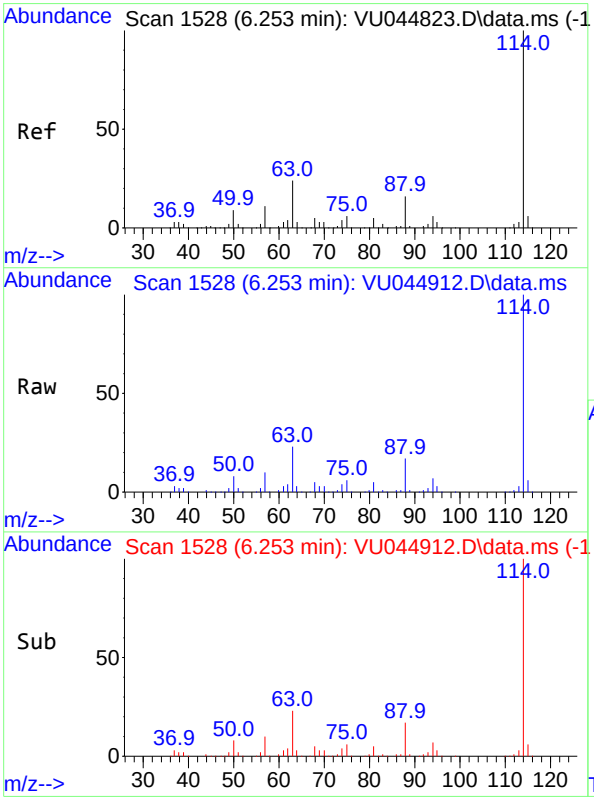
#33
1,2-Dichloroethane-d4
Concen: 44.912 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

Tgt Ion: 65 Resp: 156139

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.8



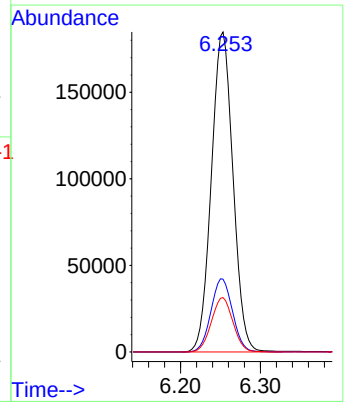
Instrument :
MSVOA_U
ClientSampleId :
1029-MW-03ADL

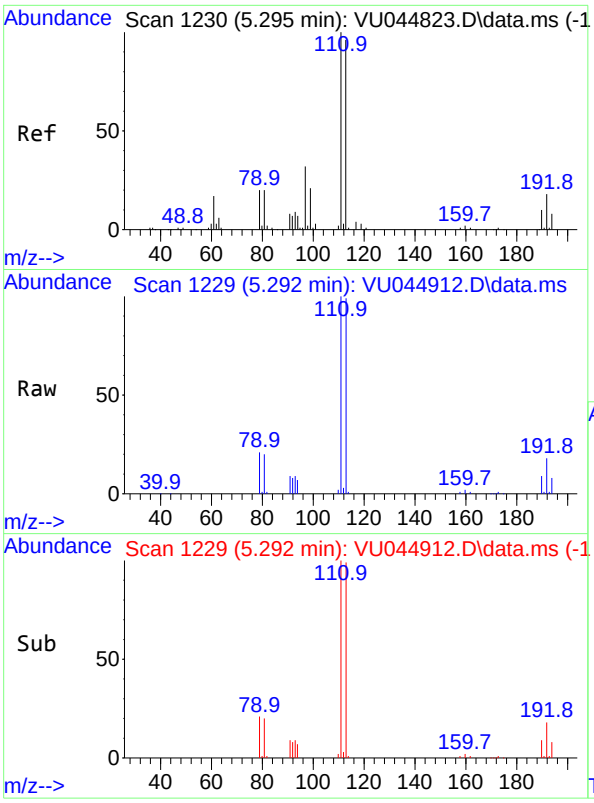


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

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

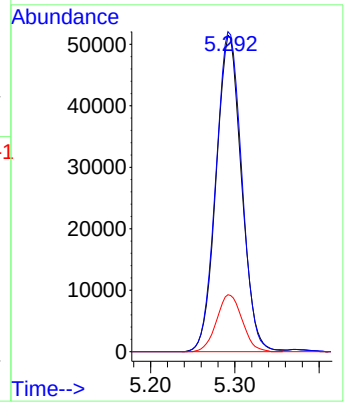




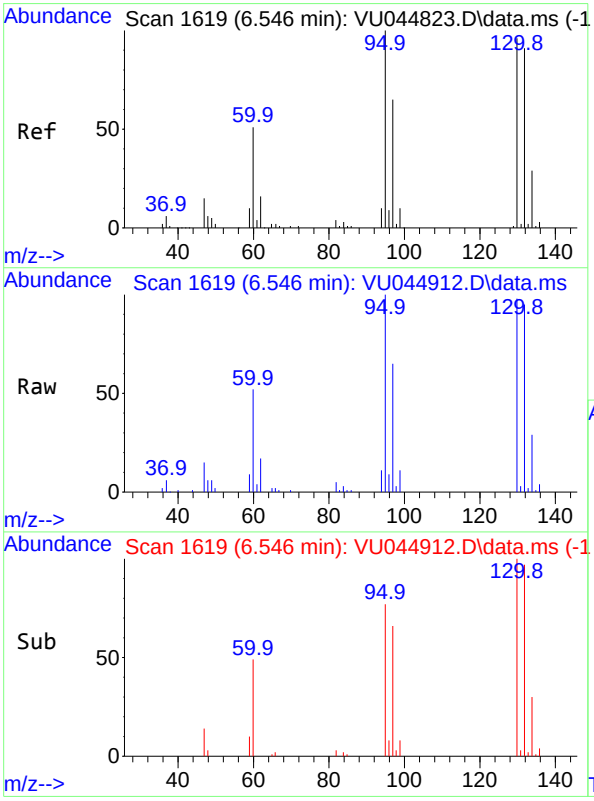
#35
Dibromofluoromethane
Concen: 45.135 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.003 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

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



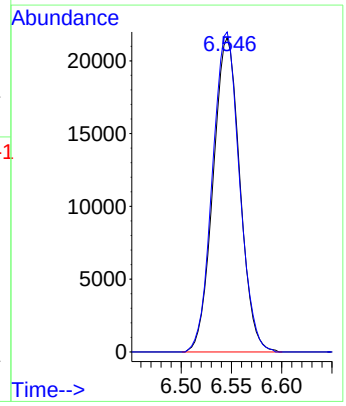
Instrument :
MSVOA_U
ClientSampleId :
1029-MW-03ADL

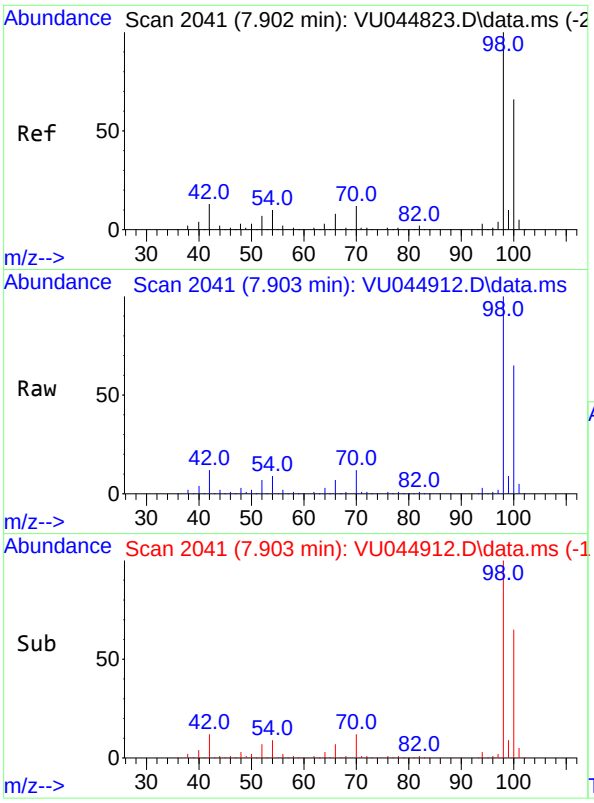


#44
Trichloroethene
Concen: 14.781 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

Tgt Ion:130 Resp: 39910

Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	209.0

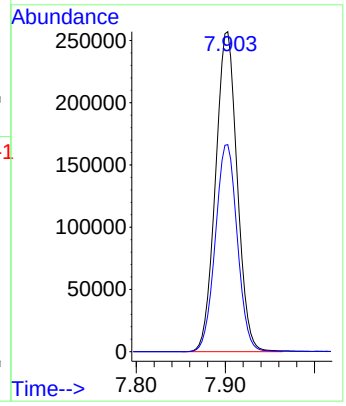




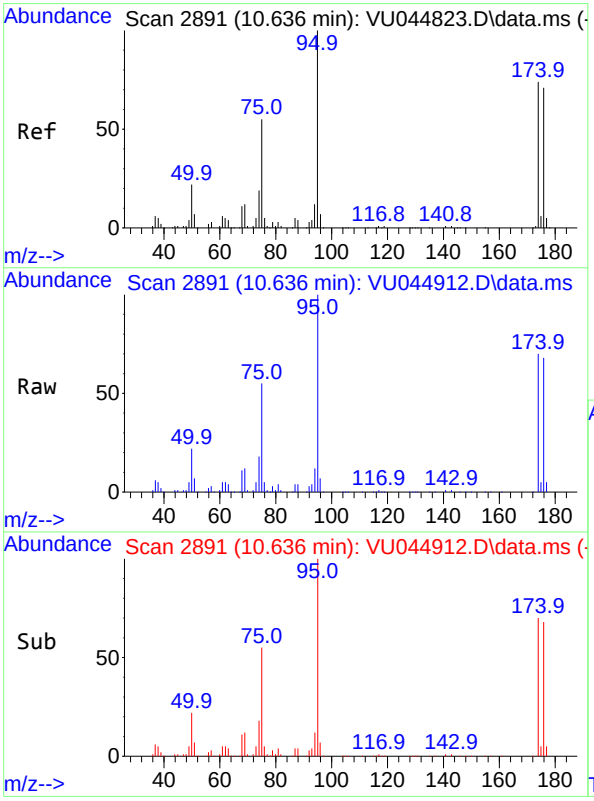
#50
Toluene-d8
Concen: 48.279 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

Tgt Ion: 98 Resp: 434422

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.5	78.7



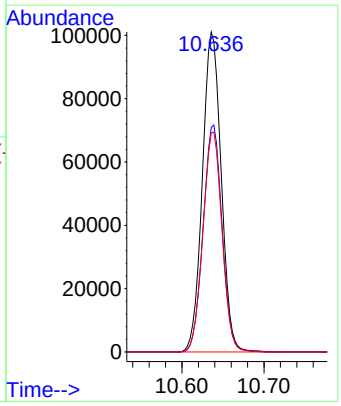
Instrument :
MSVOA_U
ClientSampleId :
1029-MW-03ADL

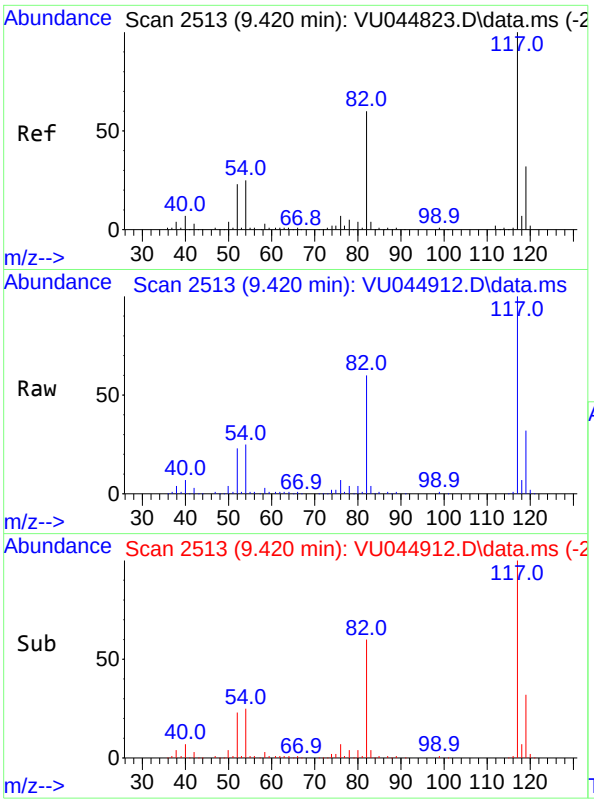


#62
4-Bromofluorobenzene
Concen: 48.136 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

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

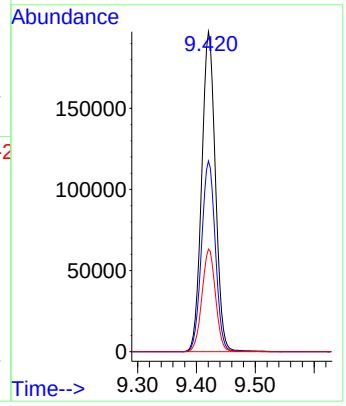




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

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



Instrument :
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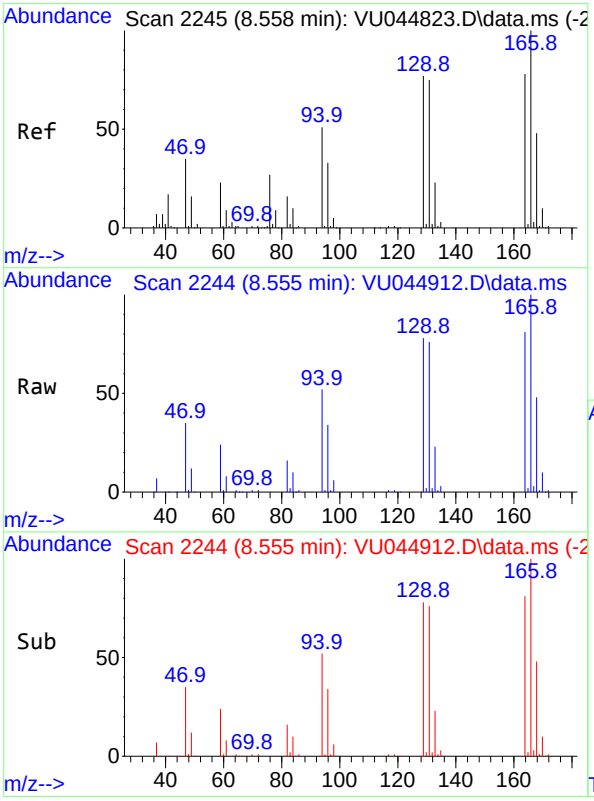
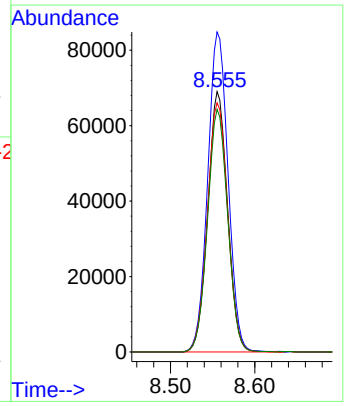
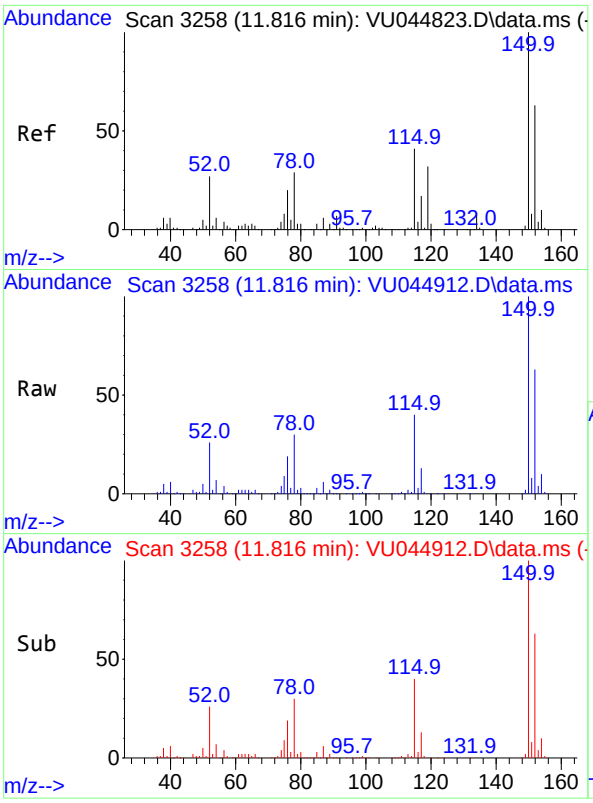


#64
Tetrachloroethene
Concen: 52.410 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

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

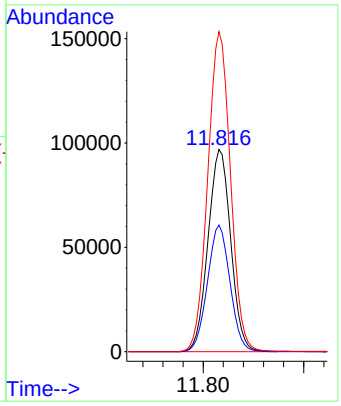




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044912.D
Acq: 28 Sep 2021 01:31

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



Instrument :
MSVOA_U
ClientSampleId :
1029-MW-03ADL