Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
Data File : VU056912.D
Acq On : 16 Dec 2023 04:55
Operator : MD/SY
Sample : 05771-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 16 05:14:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 01:53:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	215780	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	220131	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93176	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	56807	3.071	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 61.400%			
7) Chloroethane-d5	1.908	69	50996	3.684	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.600%			
11) 1,1-Dichloroethene-d2	2.563	65	25121	3.174	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.400%			
20) 2-Butanone-d5	4.621	46	213345	58.408	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.820%			
24) Chloroform-d	5.055	84	155907	4.451	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.000%			
26) 1,2-Dichloroethane-d4	5.695	65	78061	4.710	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.200%			
32) Benzene-d6	5.721	84	274688	4.023	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.400%			
36) 1,2-Dichloropropane-d6	6.685	67	92848	4.345	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.800%			
41) Toluene-d8	7.894	98	209109	3.427	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.600%#			
43) trans-1,3-Dichloroprop...	8.177	79	30745	3.710	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.200%			
46) 2-Hexanone-d5	8.631	63	155335	49.695	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.380%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	78228	5.059	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	84850	4.633	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.600%			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	6606	0.297	ug/L	98
15) Methyl Acetate	3.033	43	2534	0.418	ug/L #	49
30) Cyclohexane	5.380	56	13492	0.452	ug/L	91
33) Benzene	5.776	78	35979	0.465	ug/L	100
34) Trichloroethene	6.541	95	16785	0.791	ug/L	94
35) Methylcyclohexane	6.756	83	14366	0.459	ug/L	97
37) 1,2-Dichloropropane	6.685	63	10285	0.520	ug/L #	88
38) Bromodichloromethane	7.103	83	2789	0.111	ug/L #	91
42) Toluene	7.965	91	98678	1.233	ug/L	95
48) 2-Hexanone	8.631	43	19534	2.919	ug/L #	74
52) Ethylbenzene	9.570	91	29178	0.330	ug/L	94
53) m,p-Xylene	9.689	106	13318	0.405	ug/L	99
54) o-Xylene	10.097	106	5913	0.189	ug/L	97
61) 1,2,3-Trichloropropane	11.807	75	11982	1.198	ug/L #	71

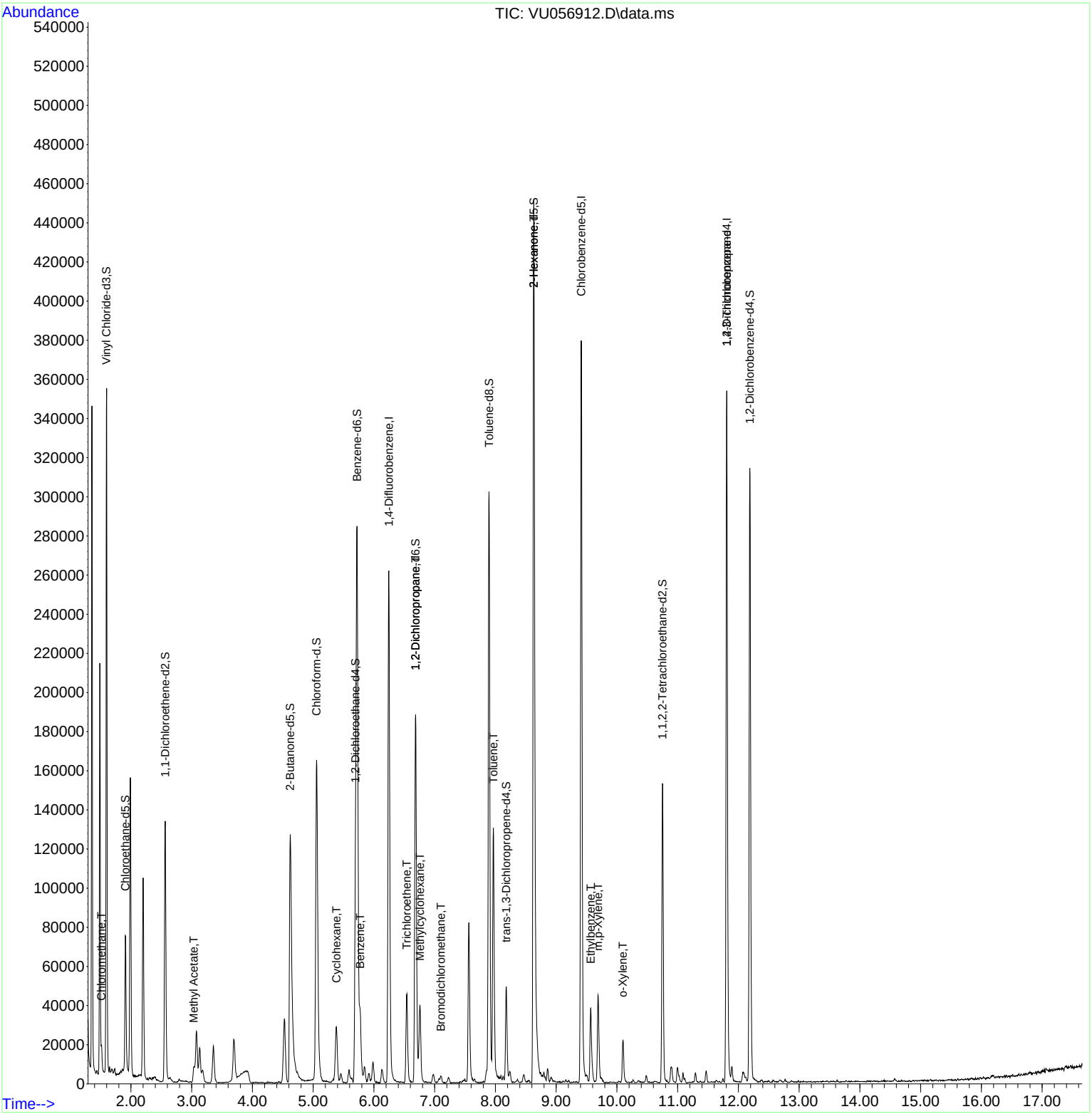
(#) = qualifier out of range (m) = manual integration (+) = signals summed

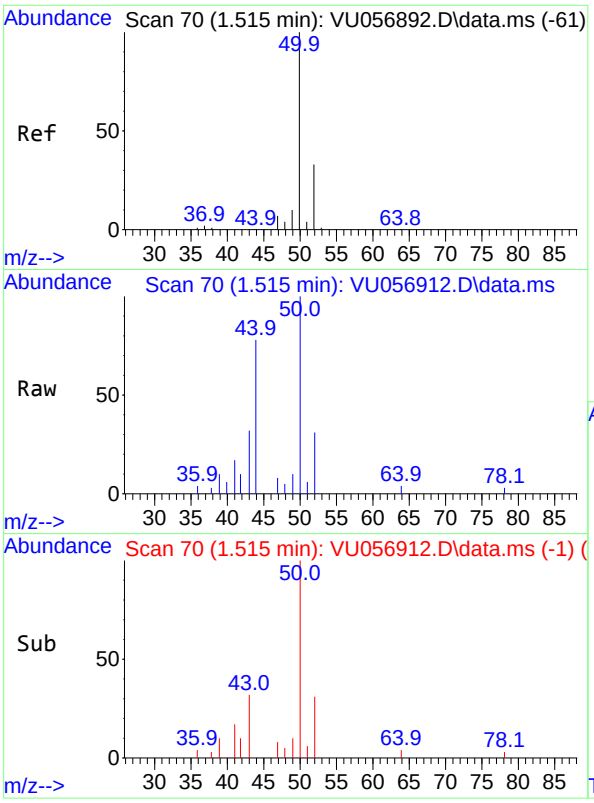
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
Data File : VU056912.D
Acq On : 16 Dec 2023 04:55
Operator : MD/SY
Sample : 05771-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 16 05:14:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 01:53:53 2023
Response via : Initial Calibration



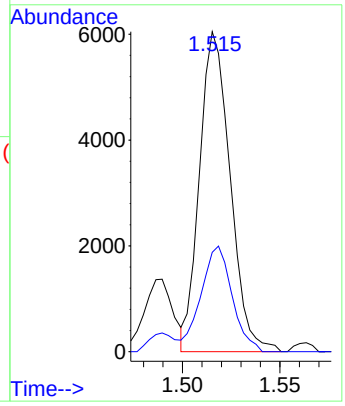


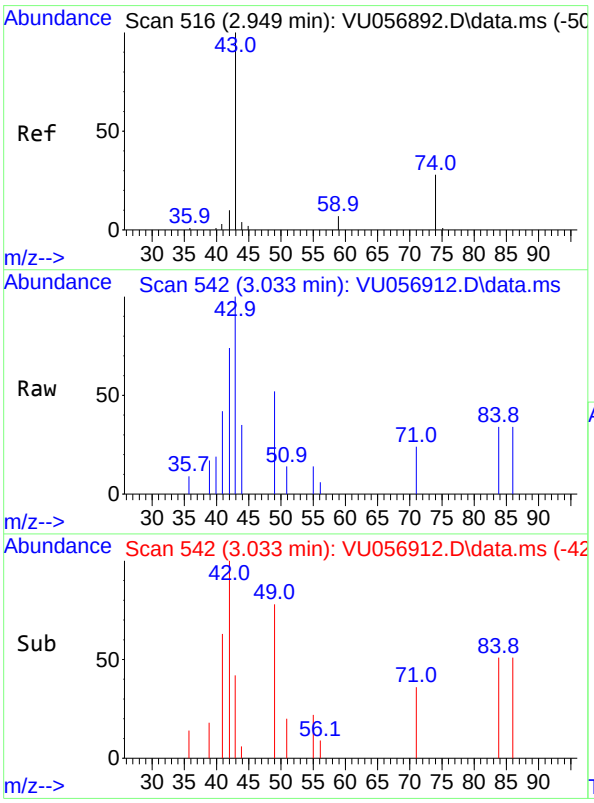
#3
Chloromethane
Concen: 0.297 ug/L
RT: 1.515 min Scan# 7
Delta R.T. 0.000 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 6606

Ion	Ratio	Lower	Upper
50	100		
52	31.1	22.5	41.7

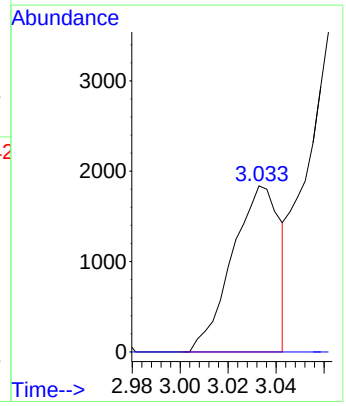


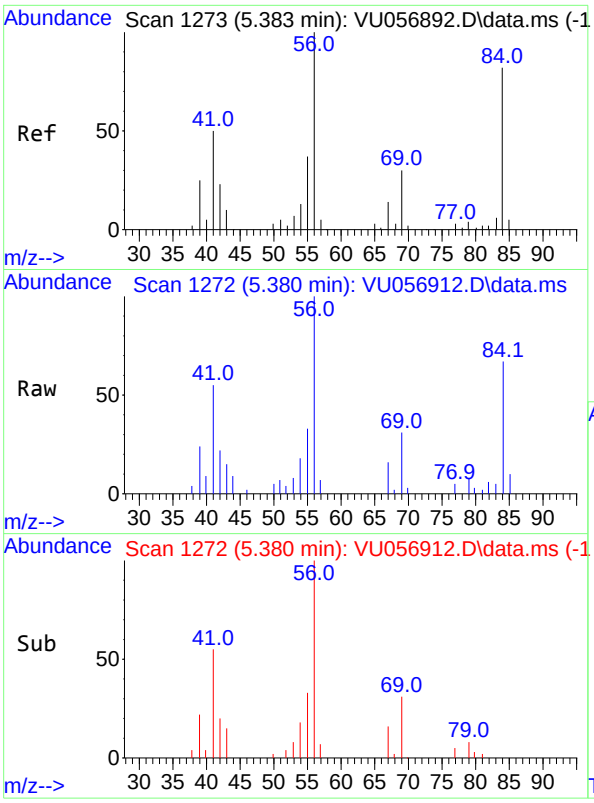


#15
Methyl Acetate
Concen: 0.418 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.087 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Tgt Ion: 43 Resp: 2534

Ion	Ratio	Lower	Upper
43	100		
74	0.0	21.0	31.6#



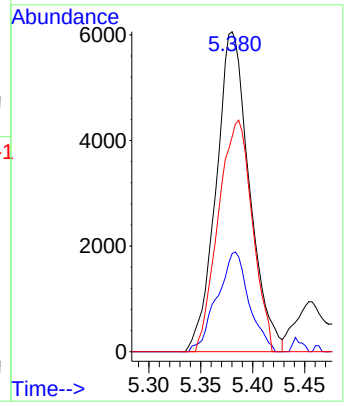


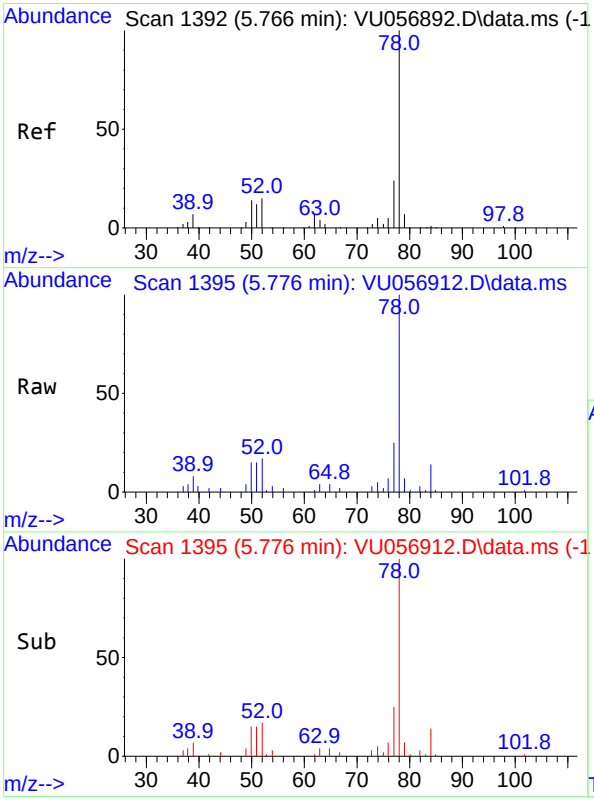
#30
Cyclohexane
Concen: 0.452 ug/L
RT: 5.380 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 13492

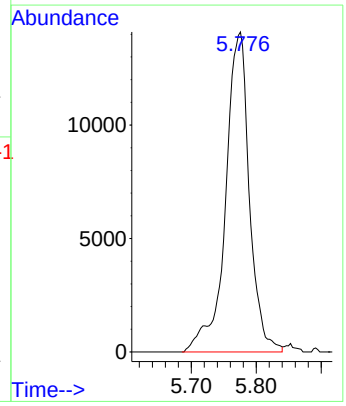
Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.9	37.3
84	74.0	67.6	101.4

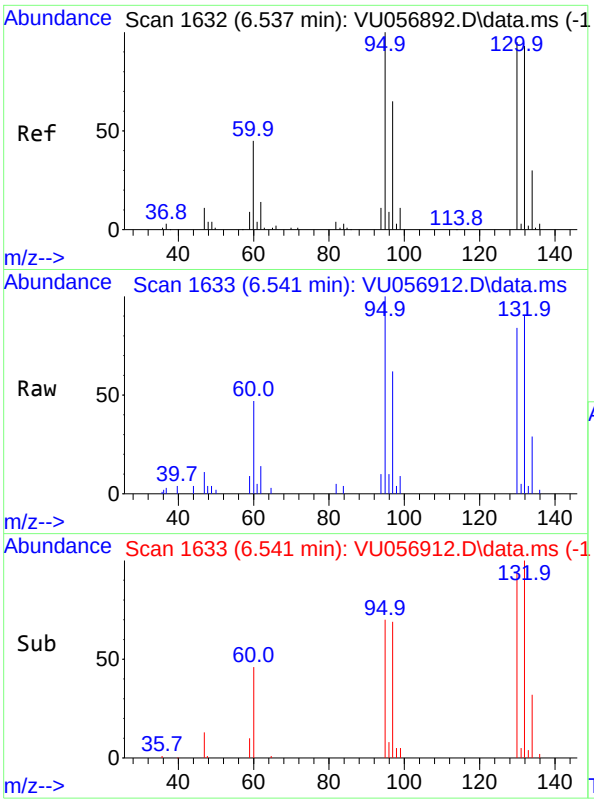




#33
Benzene
Concen: 0.465 ug/L
RT: 5.776 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Tgt Ion: 78 Resp: 35979



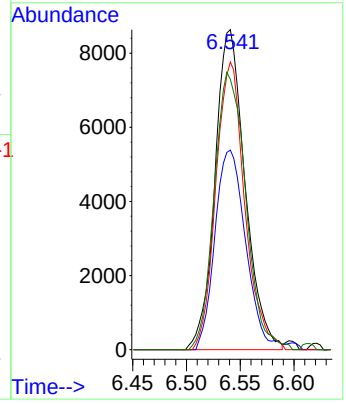


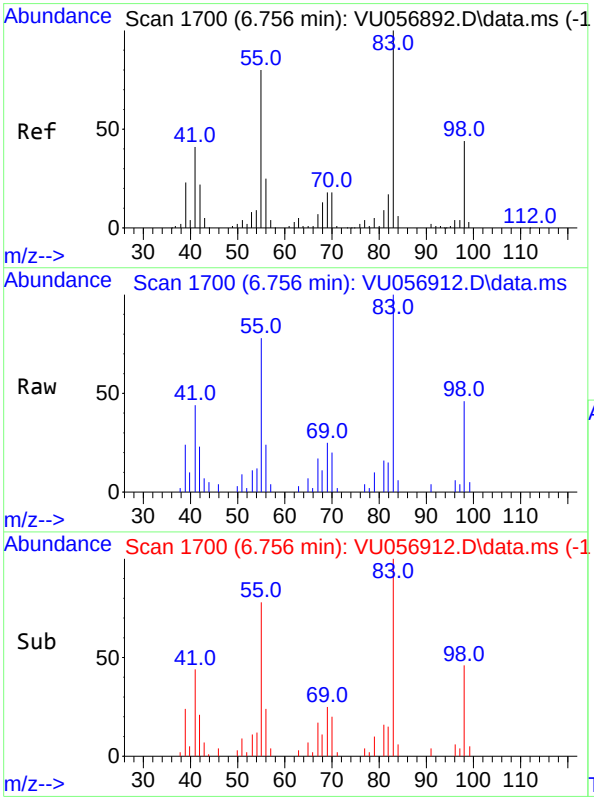
#34
Trichloroethene
Concen: 0.791 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 16785

Ion	Ratio	Lower	Upper
95	100		
97	62.3	46.1	85.5
132	89.9	63.6	118.0
130	84.5	66.4	123.4

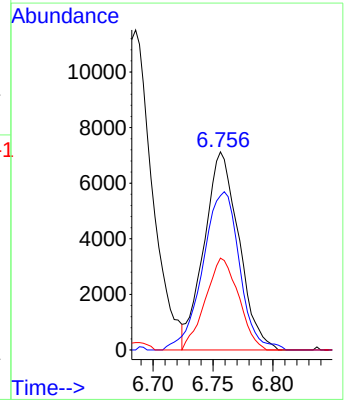


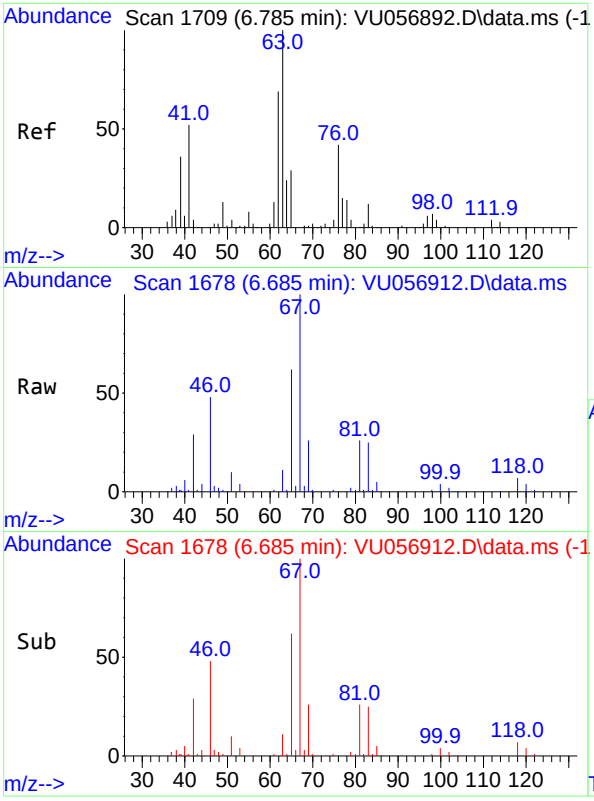


#35
Methylcyclohexane
Concen: 0.459 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Tgt Ion: 83 Resp: 14366

Ion	Ratio	Lower	Upper
83	100		
55	84.6	64.6	97.0
98	44.4	36.1	54.1



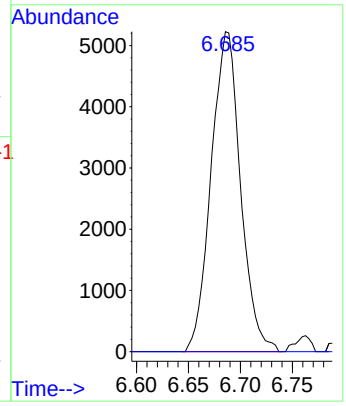


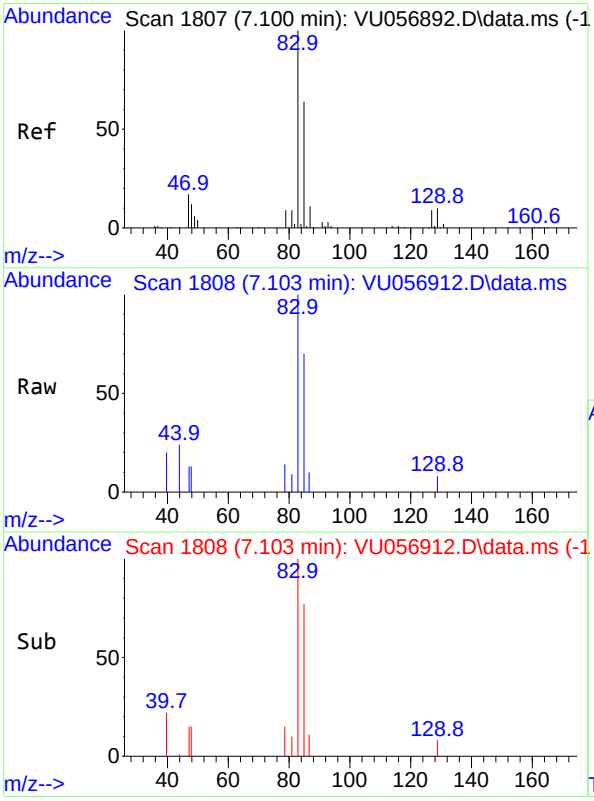
#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 10285

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#

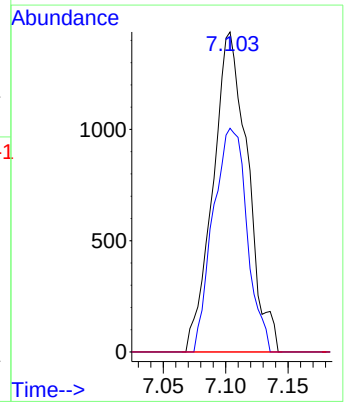


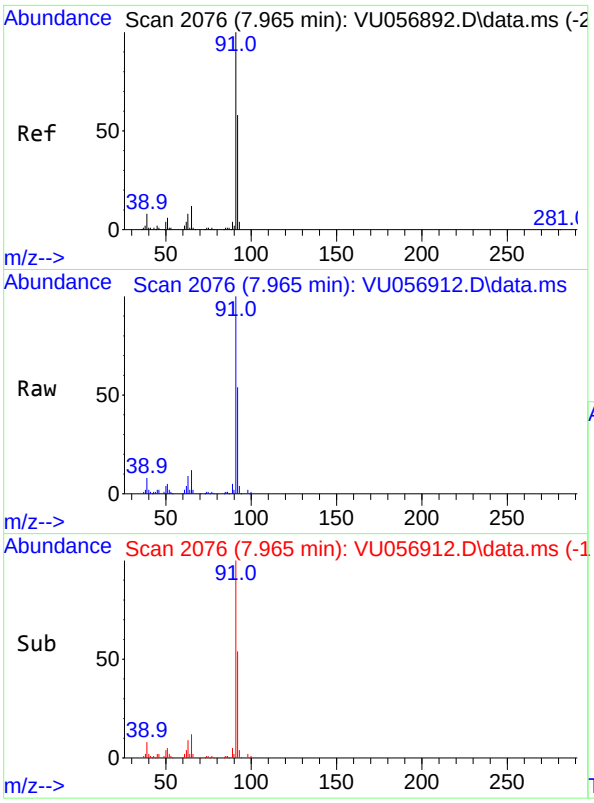


#38
Bromodichloromethane
Concen: 0.111 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Tgt Ion: 83 Resp: 2789

Ion	Ratio	Lower	Upper
83	100		
85	69.9	45.0	83.6
127	0.0	7.0	10.4#



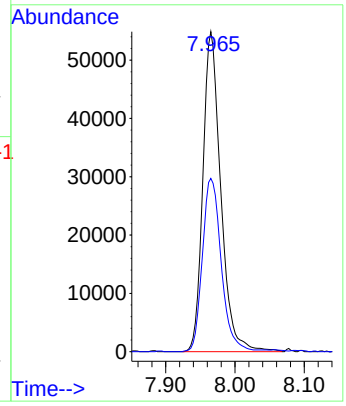


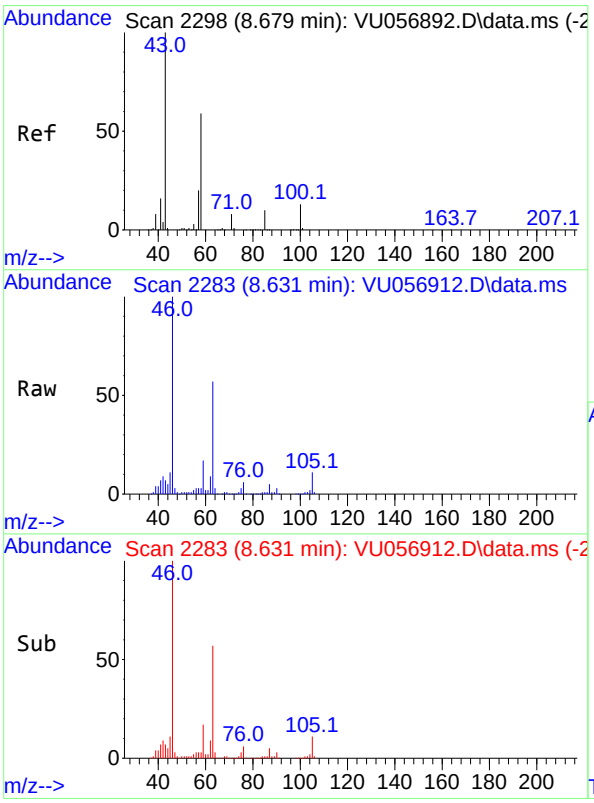
#42
Toluene
Concen: 1.233 ug/L
RT: 7.965 min Scan# 2(
Delta R.T. 0.000 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 98678

Ion	Ratio	Lower	Upper
91	100		
92	54.2	40.4	75.0

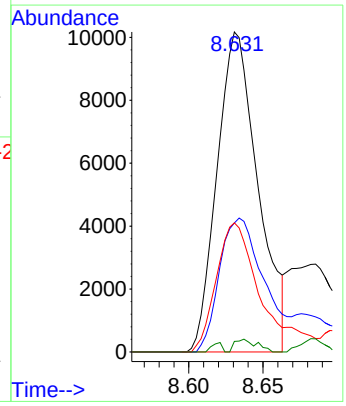


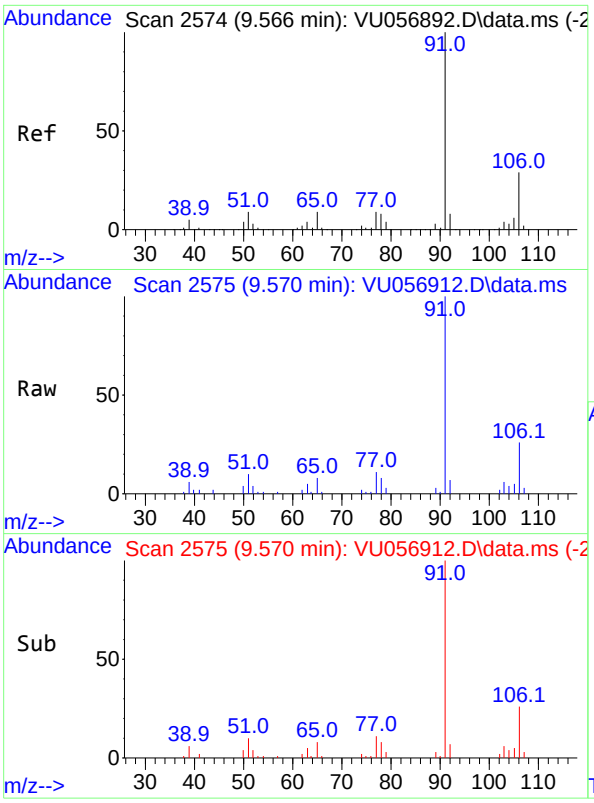


#48
2-Hexanone
Concen: 2.919 ug/L
RT: 8.631 min Scan# 2283
Delta R.T. -0.048 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Tgt Ion: 43 Resp: 19534

Ion	Ratio	Lower	Upper
43	100		
58	46.2	47.5	71.3#
57	43.9	17.0	25.4#
100	2.1	9.8	14.8#



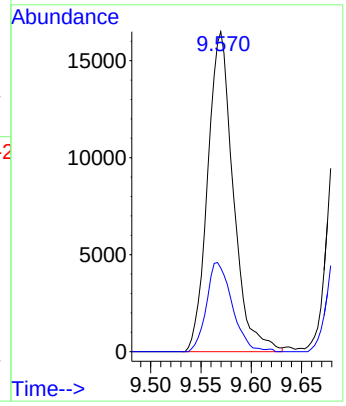


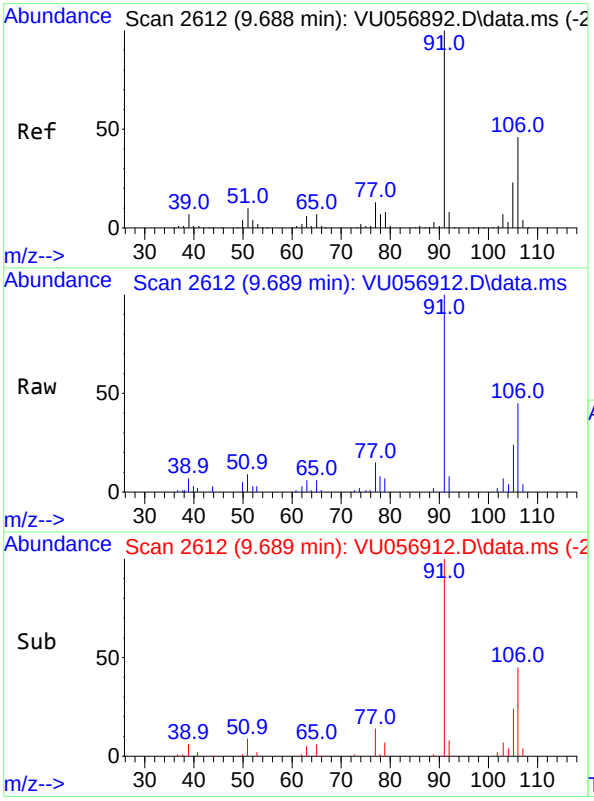
#52
Ethylbenzene
Concen: 0.330 ug/L
RT: 9.570 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 29178

Ion	Ratio	Lower	Upper
91	100		
106	26.1	20.6	38.4

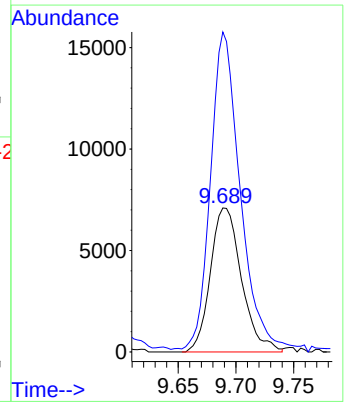


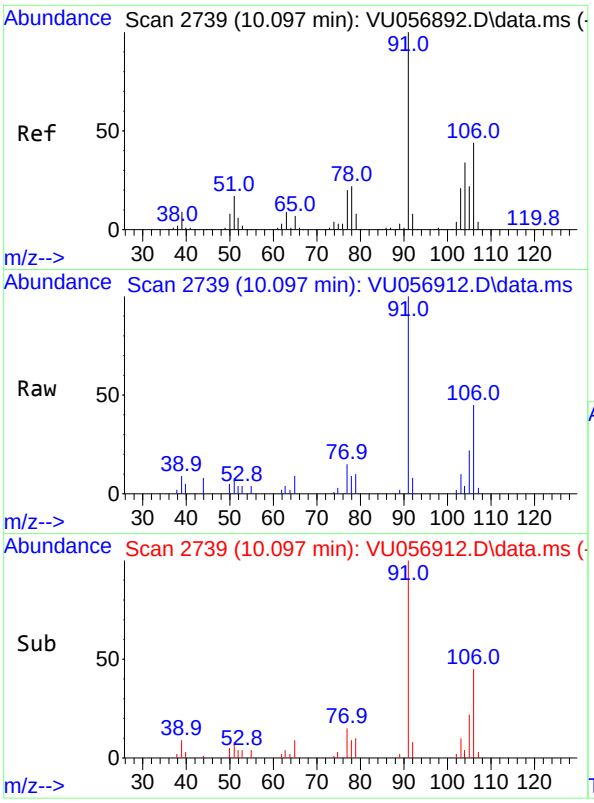


#53
m,p-Xylene
Concen: 0.405 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Tgt Ion:106 Resp: 13318

Ion	Ratio	Lower	Upper
106	100		
91	222.2	154.0	286.0



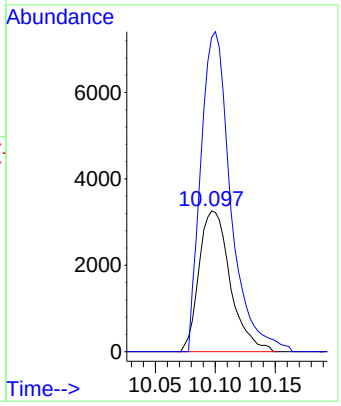


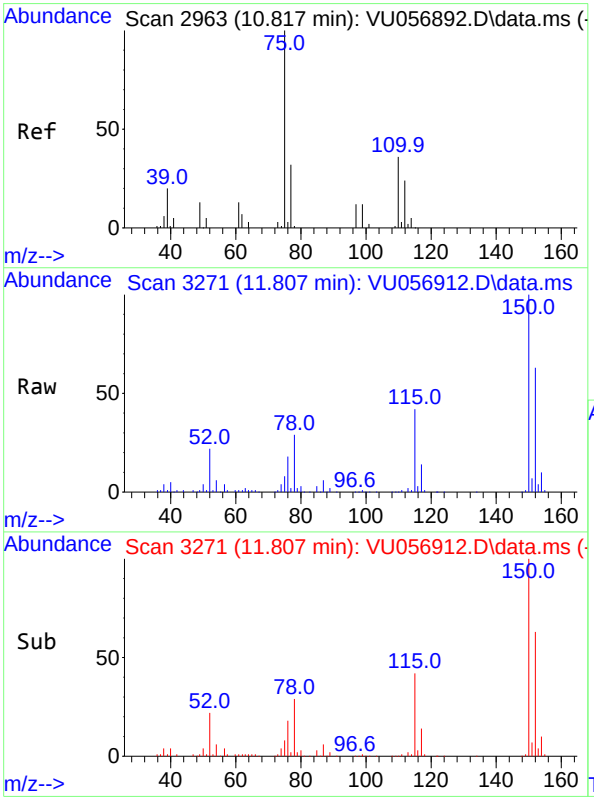
#54
o-Xylene
Concen: 0.189 ug/L
RT: 10.097 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 5913

Ion	Ratio	Lower	Upper
106	100		
91	223.2	160.2	297.6





#61
1,2,3-Trichloropropane
Concen: 1.198 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Tgt Ion: 75 Resp: 11982

Ion	Ratio	Lower	Upper
75	100		
110	3.3	28.4	42.6#
77	32.5	26.3	39.5