Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
Data File : VU056475.D
Acq On : 18 Nov 2023 12:51
Operator : MD/SY
Sample : 05436-12
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 18 23:12:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 18 00:12:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	264427	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	238425	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88789	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	69209	3.499	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.000%			
7) Chloroethane-d5	1.904	69	70797	4.669	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.400%			
11) 1,1-Dichloroethene-d2	2.560	65	31730	3.635	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.800%			
20) 2-Butanone-d5	4.618	46	241739	61.296	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.600%			
24) Chloroform-d	5.055	84	184289	4.817	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.400%			
26) 1,2-Dichloroethane-d4	5.695	65	96381	5.452	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.000%			
32) Benzene-d6	5.721	84	326616	4.598	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.000%			
36) 1,2-Dichloropropane-d6	6.685	67	108682	5.076	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.600%			
41) Toluene-d8	7.894	98	249185	3.972	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.400%			
43) trans-1,3-Dichloroprop...	8.177	79	37676	4.588	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.800%			
46) 2-Hexanone-d5	8.627	63	188239	58.337	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.680%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86414	5.649	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.000%			
66) 1,2-Dichlorobenzene-d4	12.190	152	82194	5.011	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.200%			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	7832	0.366	ug/L	96
8) Chloroethane	1.920	64	1812	0.144	ug/L	87
13) Acetone	2.628	43	19225	5.723	ug/L	94
14) Carbon disulfide	2.785	76	26030	0.494	ug/L	99
30) Cyclohexane	5.386	56	6490	0.250	ug/L #	91
33) Benzene	5.775	78	14042	0.206	ug/L	100
34) Trichloroethene	6.538	95	70831	3.821	ug/L	96
35) Methylcyclohexane	6.756	83	7578	0.283	ug/L #	80
42) Toluene	7.968	91	44968	0.638	ug/L	95
48) 2-Hexanone	8.685	43	10862	1.585	ug/L #	78
52) Ethylbenzene	9.566	91	11664	0.149	ug/L	94
53) m,p-Xylene	9.698	106	8485	0.295	ug/L	93
54) o-Xylene	10.100	106	4039	0.145	ug/L	71
61) 1,2,3-Trichloropropane	11.807	75	10314	1.354	ug/L #	67
63) 1,2,4-Trimethylbenzene	11.467	105	8068	0.174	ug/L	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
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Acq On : 18 Nov 2023 12:51
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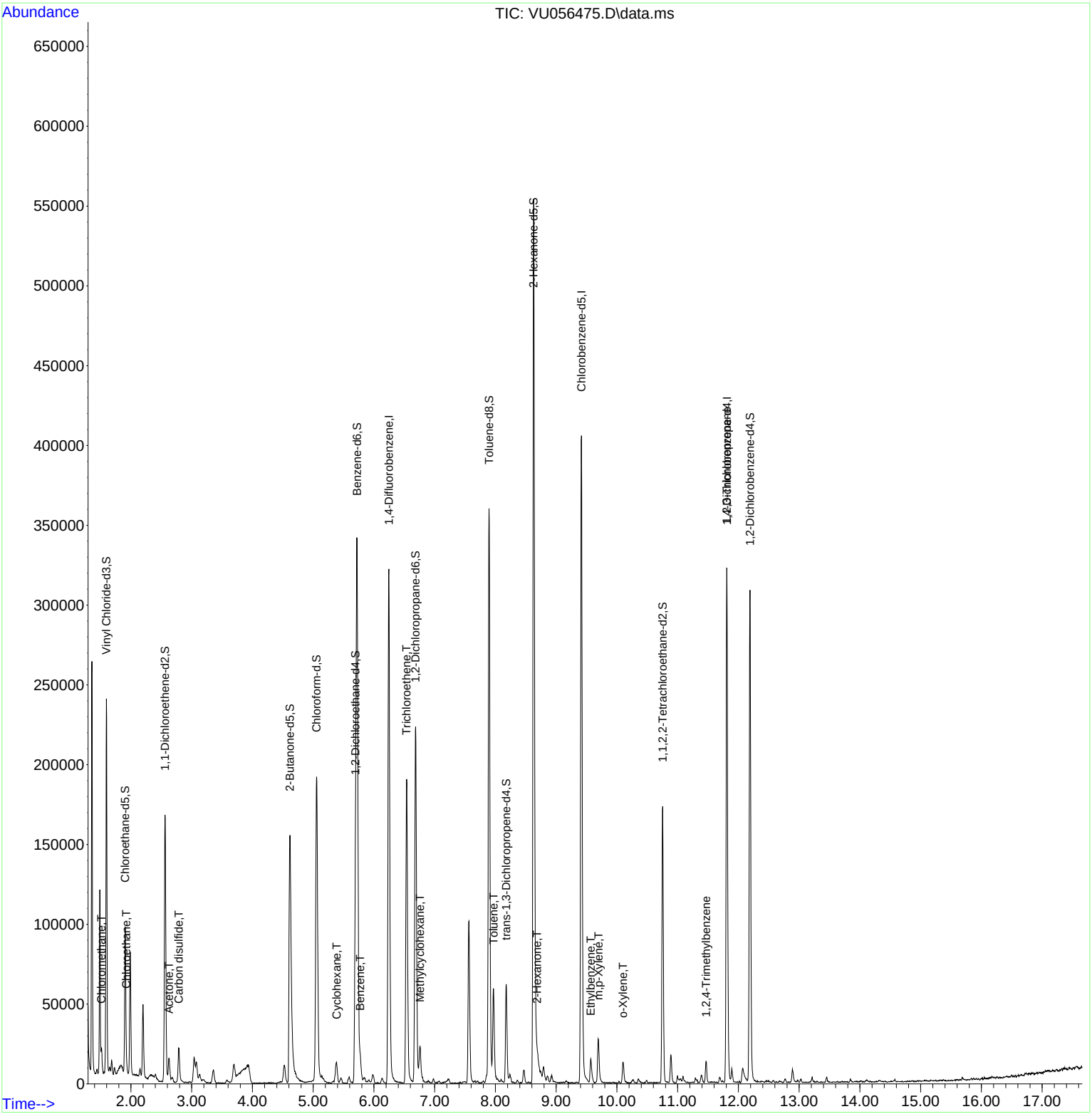
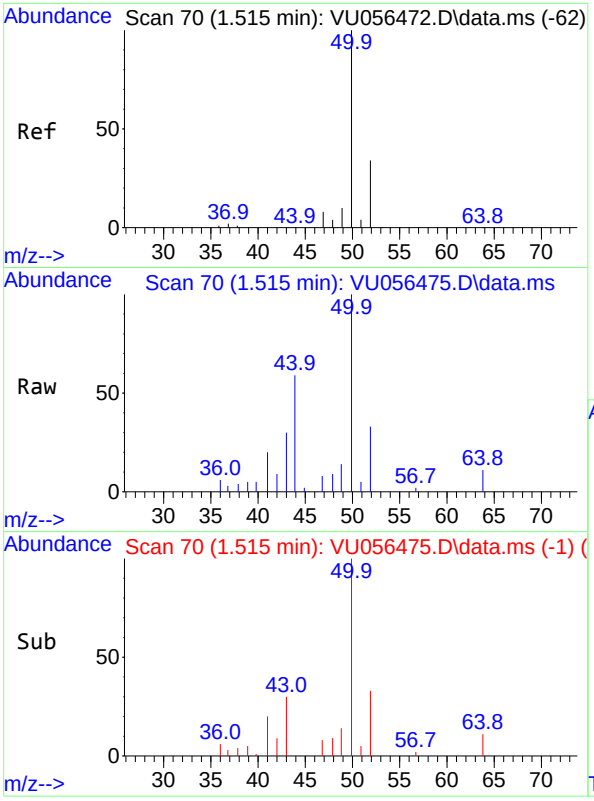
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 18 00:12:04 2023
Response via : Initial Calibration



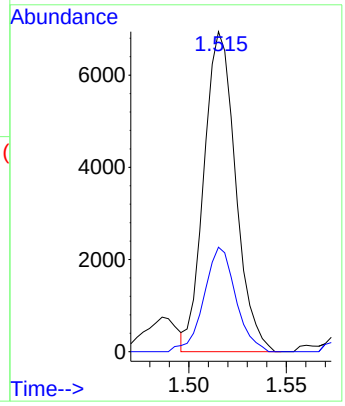


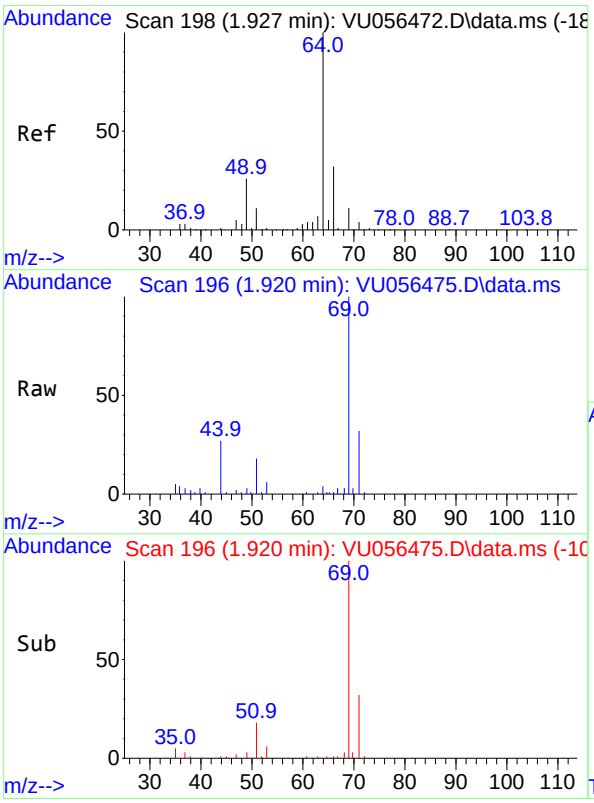
#3
Chloromethane
Concen: 0.366 ug/L
RT: 1.515 min Scan# 7
Delta R.T. 0.000 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 7832

Ion	Ratio	Lower	Upper
50	100		
52	32.7	24.3	45.1

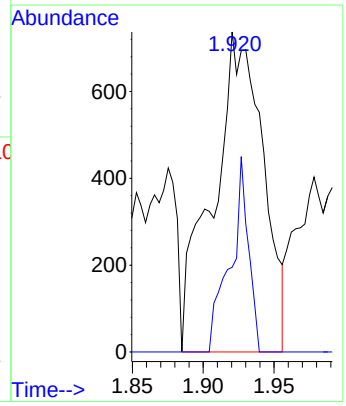


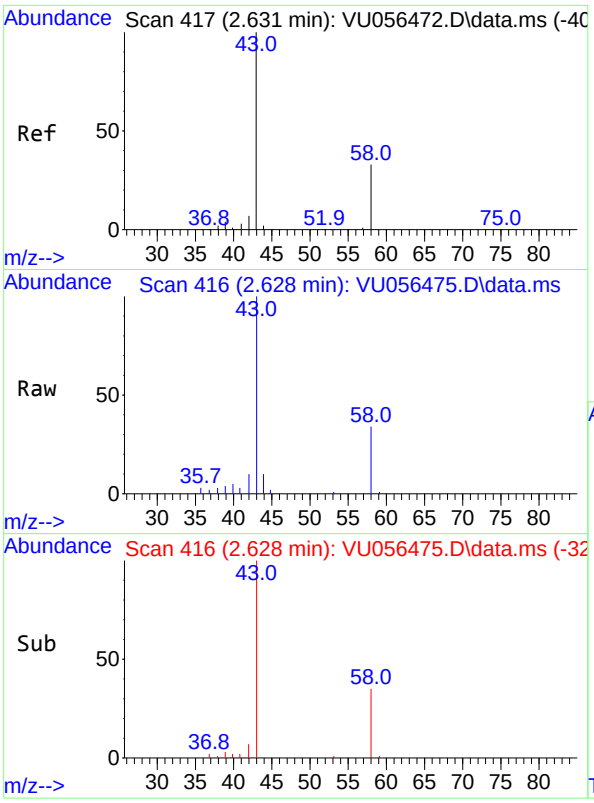


#8
Chloroethane
Concen: 0.144 ug/L
RT: 1.920 min Scan# 196
Delta R.T. -0.006 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Tgt Ion: 64 Resp: 1812

Ion	Ratio	Lower	Upper
64	100		
66	26.5	23.9	44.5



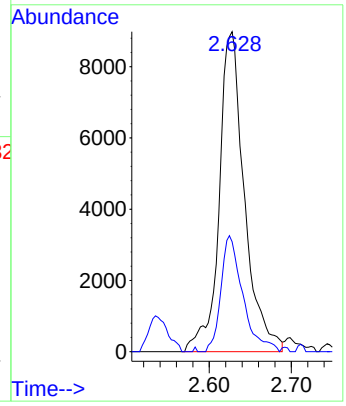


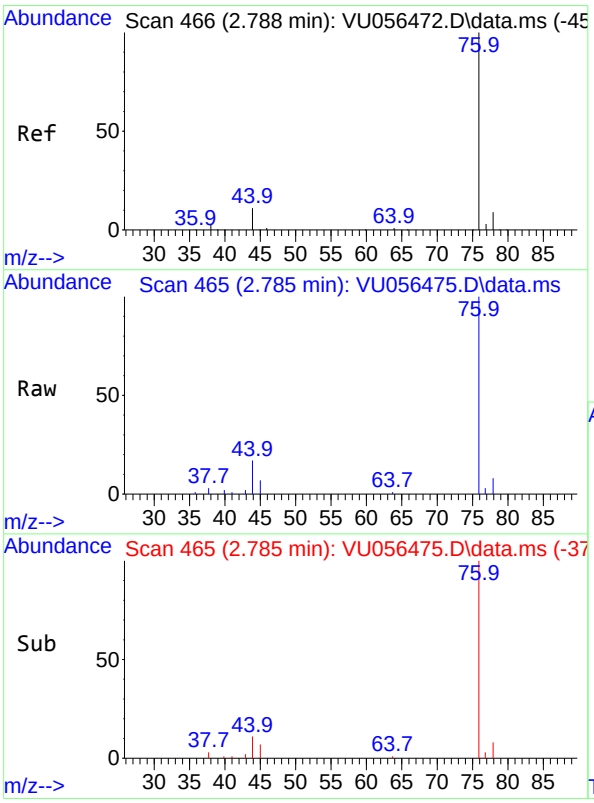
#13
Acetone
Concen: 5.723 ug/L
RT: 2.628 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 19225

Ion	Ratio	Lower	Upper
43	100		
58	31.3	0.0	70.0

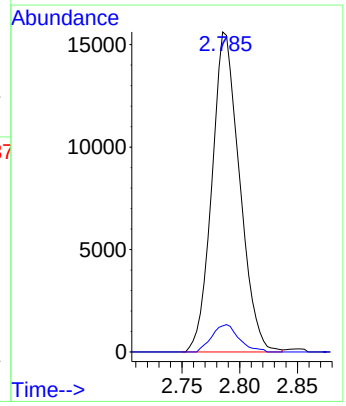


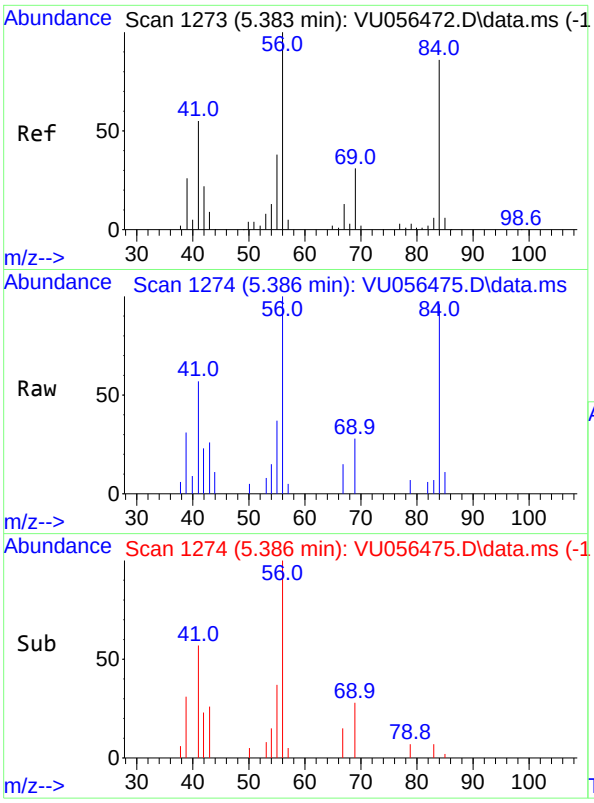


#14
Carbon disulfide
Concen: 0.494 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.003 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Tgt Ion: 76 Resp: 26030

Ion	Ratio	Lower	Upper
76	100		
78	8.2	6.8	10.2



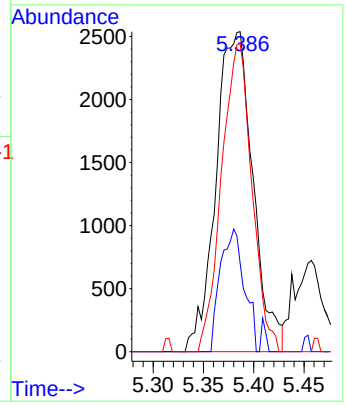


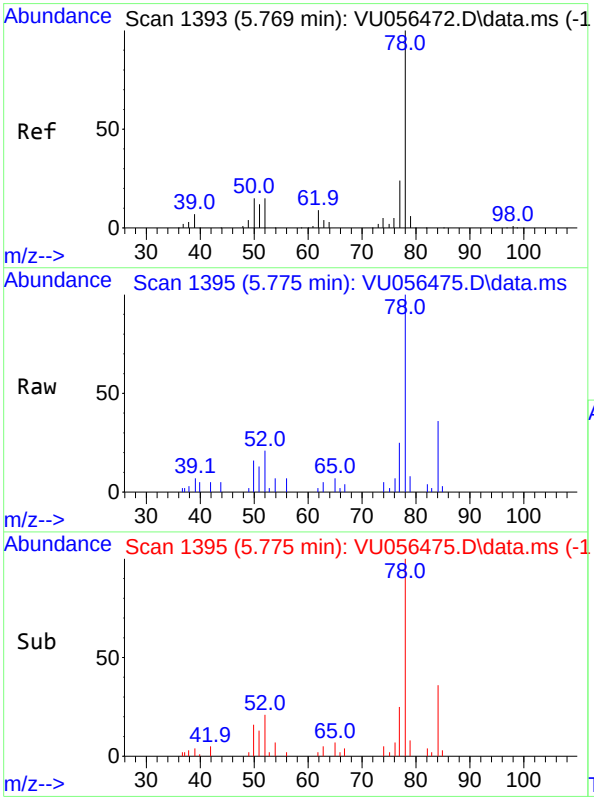
#30
Cyclohexane
Concen: 0.250 ug/L
RT: 5.386 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 6490

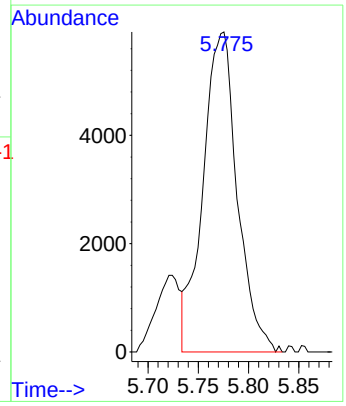
Ion	Ratio	Lower	Upper
56	100		
69	24.8	25.4	38.2#
84	78.8	68.6	103.0

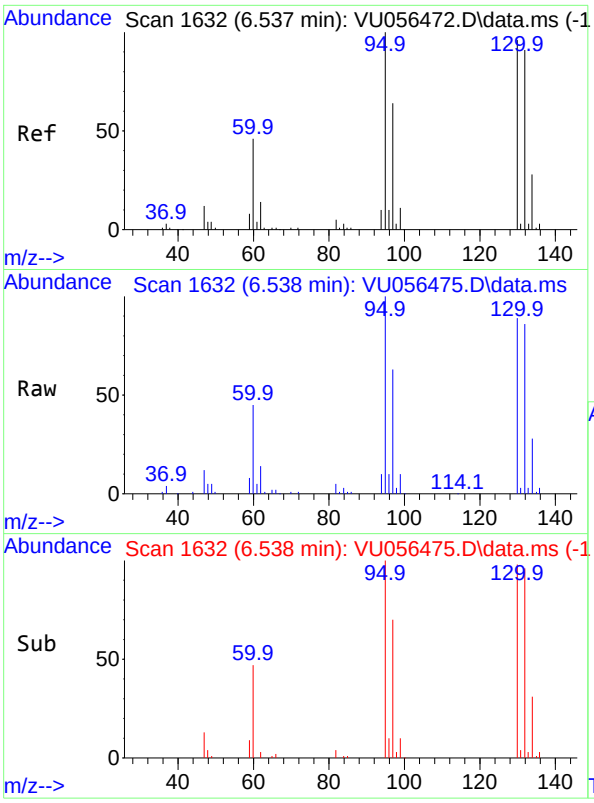




#33
Benzene
Concen: 0.206 ug/L
RT: 5.775 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Tgt Ion: 78 Resp: 14042



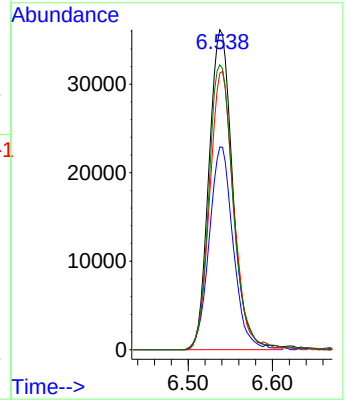


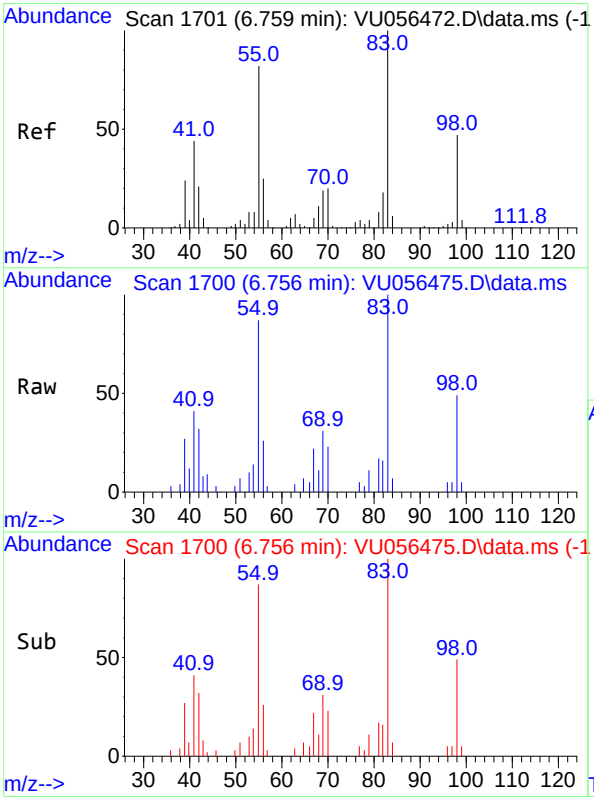
#34
Trichloroethene
Concen: 3.821 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 70831

Ion	Ratio	Lower	Upper
95	100		
97	63.3	46.5	86.3
132	86.4	62.0	115.2
130	89.0	66.3	123.1

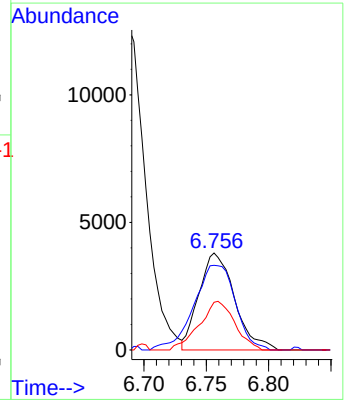


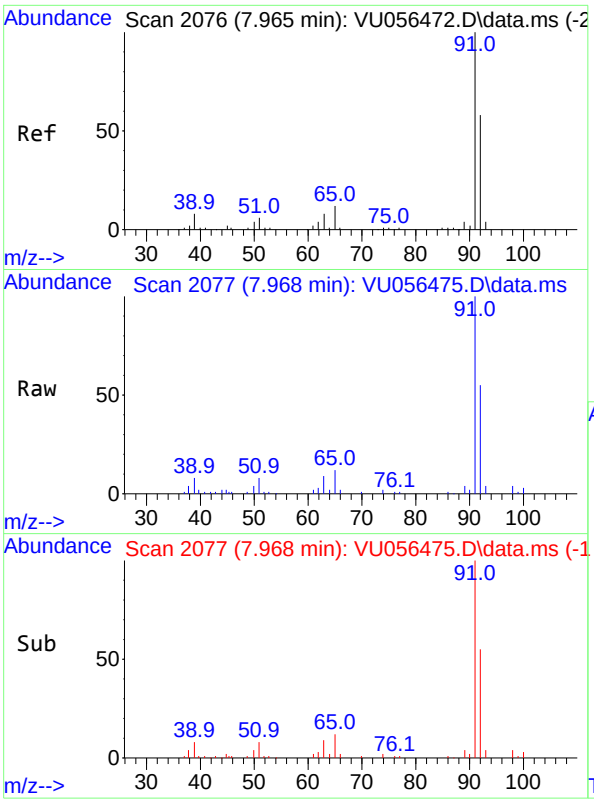


#35
Methylcyclohexane
Concen: 0.283 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Tgt Ion: 83 Resp: 7578

Ion	Ratio	Lower	Upper
83	100		
55	101.4	62.9	94.3#
98	49.6	35.3	52.9



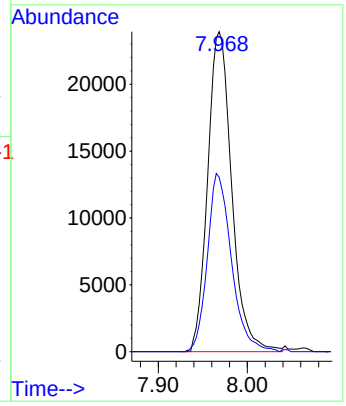


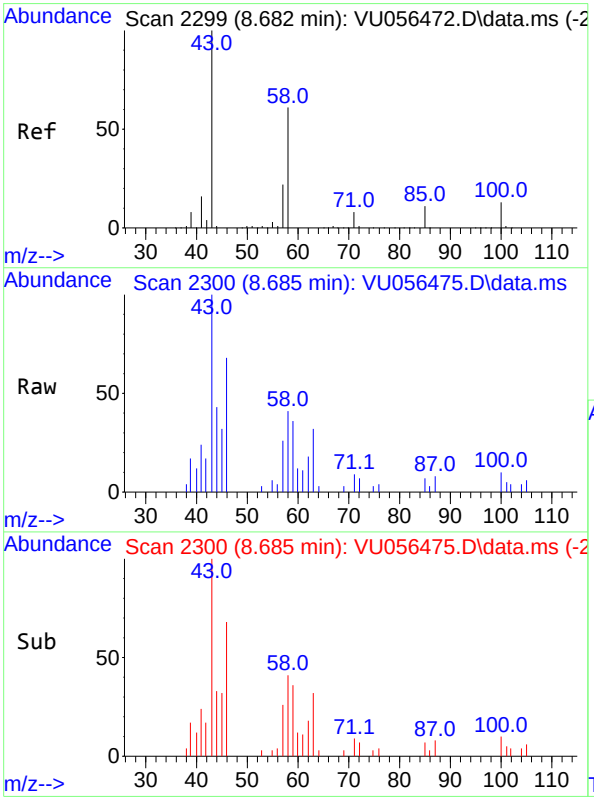
#42
Toluene
Concen: 0.638 ug/L
RT: 7.968 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 44968

Ion	Ratio	Lower	Upper
91	100		
92	54.5	40.6	75.4

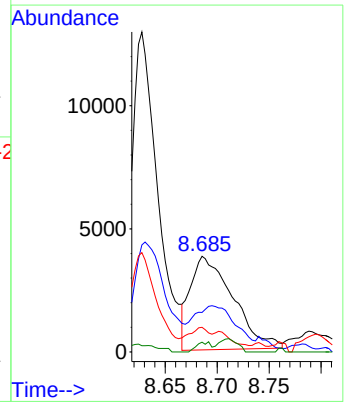


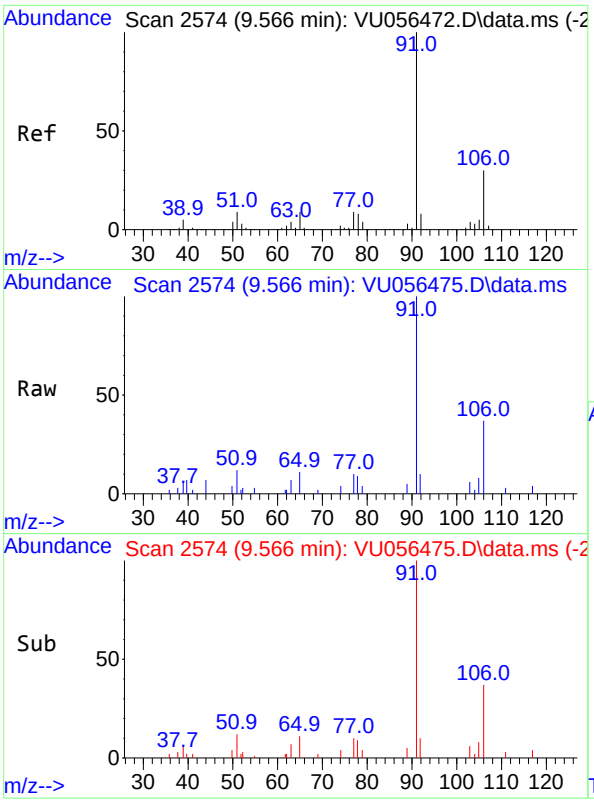


#48
2-Hexanone
Concen: 1.585 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.006 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Tgt Ion: 43 Resp: 10862

Ion	Ratio	Lower	Upper
43	100		
58	47.2	48.7	73.1#
57	5.1	16.8	25.2#
100	3.5	9.9	14.9#



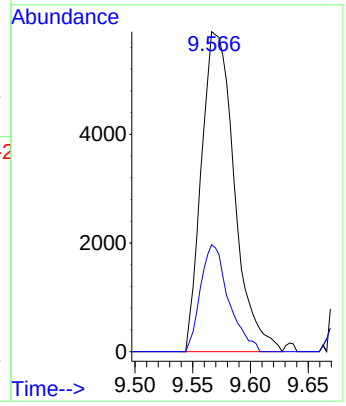


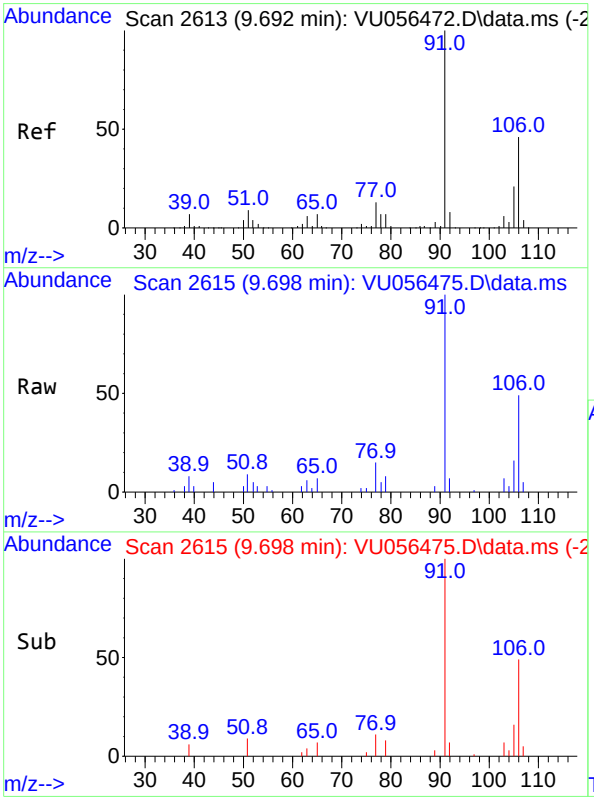
#52
Ethylbenzene
Concen: 0.149 ug/L
RT: 9.566 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 11664

Ion	Ratio	Lower	Upper
91	100		
106	33.4	21.1	39.1

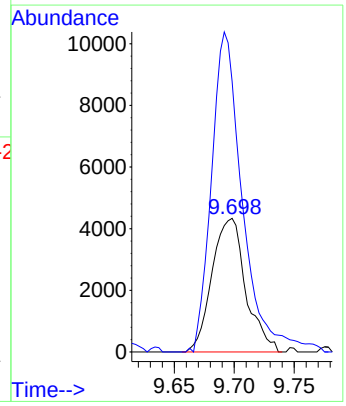


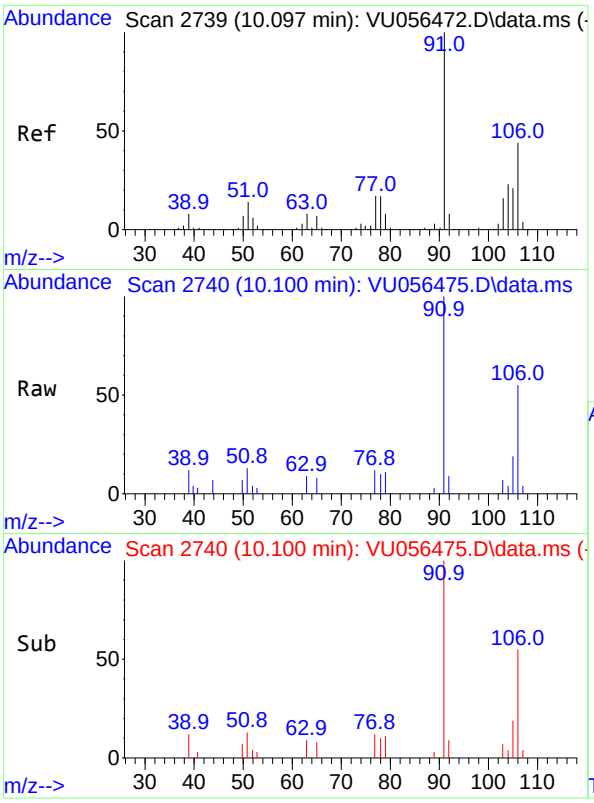


#53
m,p-Xylene
Concen: 0.295 ug/L
RT: 9.698 min Scan# 2615
Delta R.T. 0.006 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Tgt Ion:106 Resp: 8485

Ion	Ratio	Lower	Upper
106	100		
91	202.5	149.6	277.8



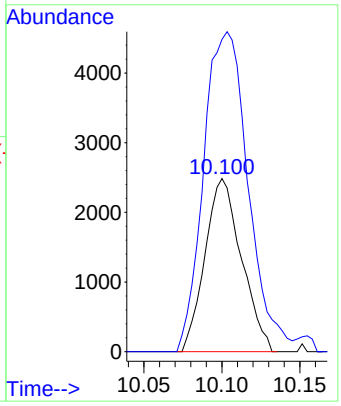


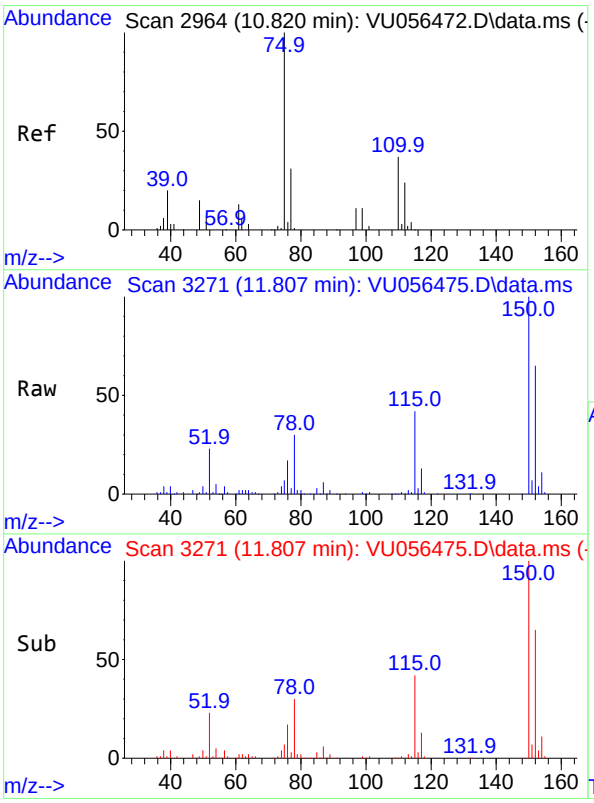
#54
o-Xylene
Concen: 0.145 ug/L
RT: 10.100 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 4039

Ion	Ratio	Lower	Upper
106	100		
91	180.3	159.3	295.9

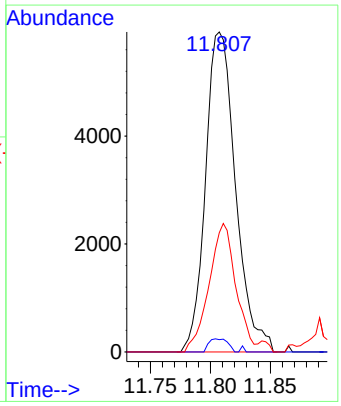


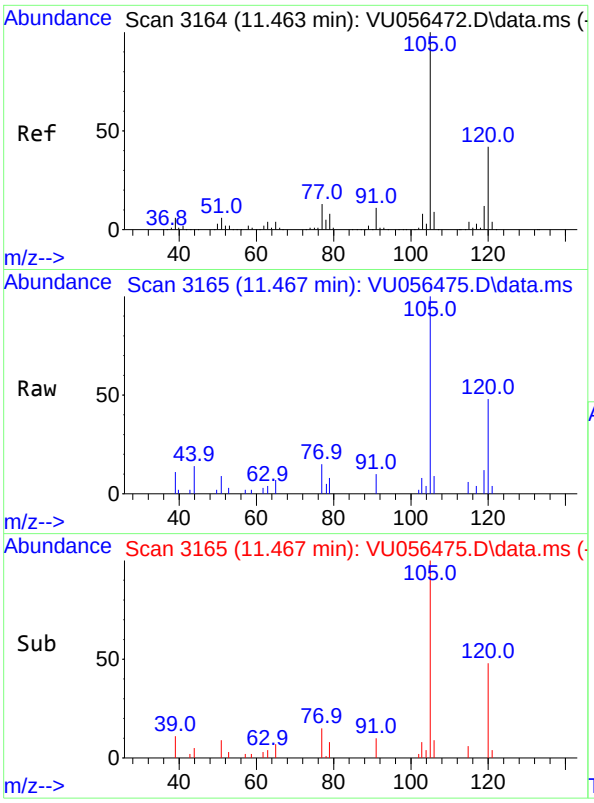


#61
1,2,3-Trichloropropane
Concen: 1.354 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Tgt Ion: 75 Resp: 10314

Ion	Ratio	Lower	Upper
75	100		
110	2.6	30.4	45.6#
77	36.0	27.0	40.6





#63
1,2,4-Trimethylbenzene
Concen: 0.174 ug/L
RT: 11.467 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 8068

Ion	Ratio	Lower	Upper
105	100		
120	43.5	34.0	51.0