Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 03 04:11:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 03 04:07:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162562	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	166379	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	80741	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	56741	5.020	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.400%			
7) Chloroethane-d5	1.907	69	49709	4.570	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.400%			
11) 1,1-Dichloroethene-d2	2.560	65	20909	4.459	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.200%			
20) 2-Butanone-d5	4.618	46	107838	46.314	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.620%			
24) Chloroform-d	5.055	84	99968	4.309	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.200%			
26) 1,2-Dichloroethane-d4	5.695	65	50195	4.491	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.800%			
32) Benzene-d6	5.721	84	207433	4.530	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.600%			
36) 1,2-Dichloropropane-d6	6.682	67	66239	4.721	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.400%			
41) Toluene-d8	7.891	98	177951	4.180	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.600%			
43) trans-1,3-Dichloroprop...	8.177	79	20402	4.644	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.800%			
46) 2-Hexanone-d5	8.627	63	89531	49.043	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.080%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52495	4.528	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	71776	4.995	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.800%			
Target Compounds						Qvalue
15) Methyl Acetate	2.952	43	922	0.231	ug/L #	51
16) Methylene chloride	3.039	84	5745	0.421	ug/L	88
22) cis-1,2-Dichloroethene	4.656	96	67618	5.116	ug/L	97
30) Cyclohexane	5.380	56	15714	0.926	ug/L	92
35) Methylcyclohexane	6.753	83	4042	0.208	ug/L	93
37) 1,2-Dichloropropane	6.679	63	6612	0.506	ug/L #	90
42) Toluene	7.965	91	51857	0.969	ug/L	99
52) Ethylbenzene	9.563	91	125424	2.286	ug/L	96
53) m,p-Xylene	9.685	106	167125	7.930	ug/L	99
54) o-Xylene	10.094	106	38101	1.905	ug/L	100
55) Styrene	10.094	104	2584	0.076	ug/L #	1
60) Isopropylbenzene	10.479	105	10064	0.202	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	39967	1.011	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	132649	3.511	ug/L	98
71) Naphthalene	14.084	128	30815	1.495	ug/L	97

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

Quantitation Report (Not Reviewed)

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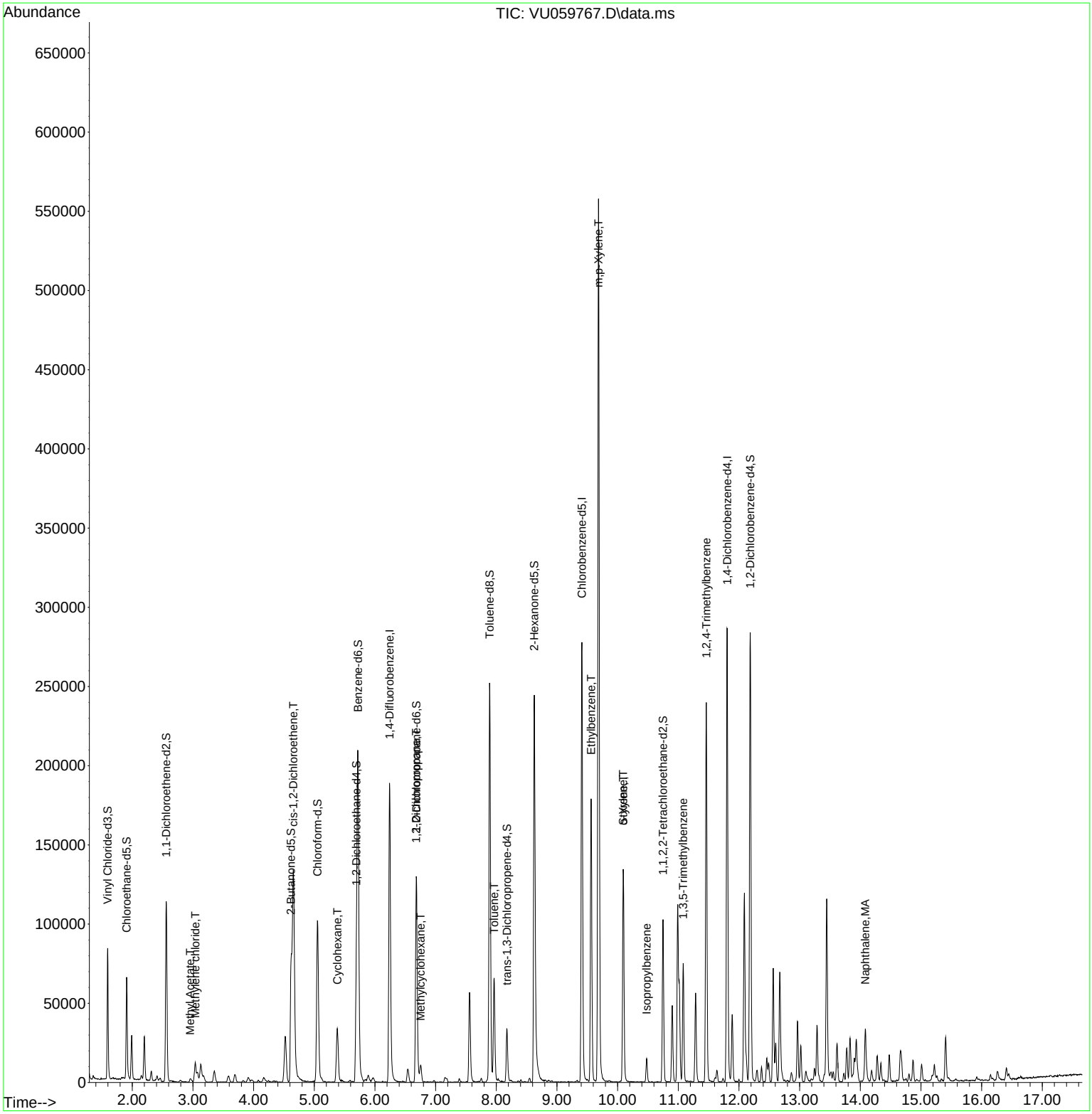
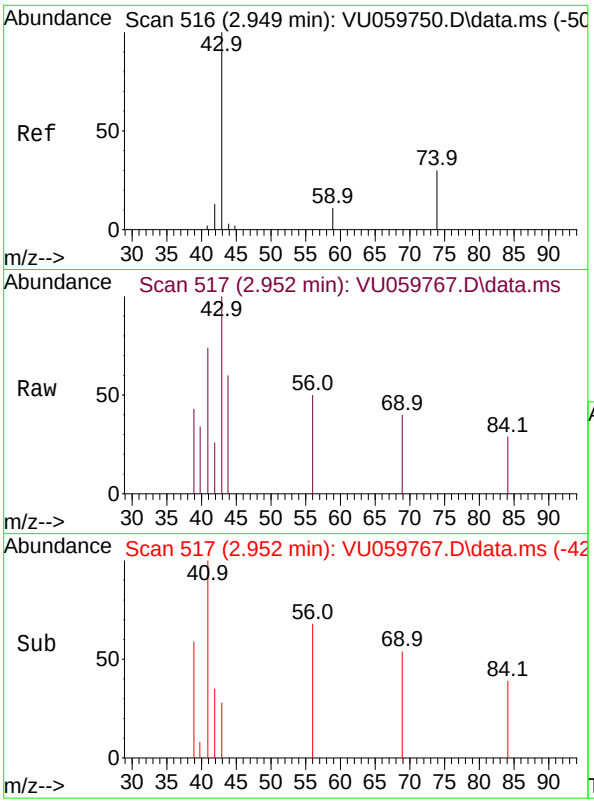
Quant Time: Jul 03 04:11:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 03 04:07:12 2024
Response via : Initial Calibration



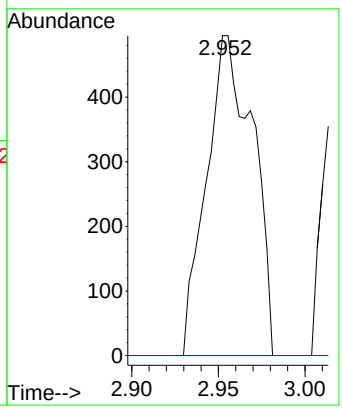


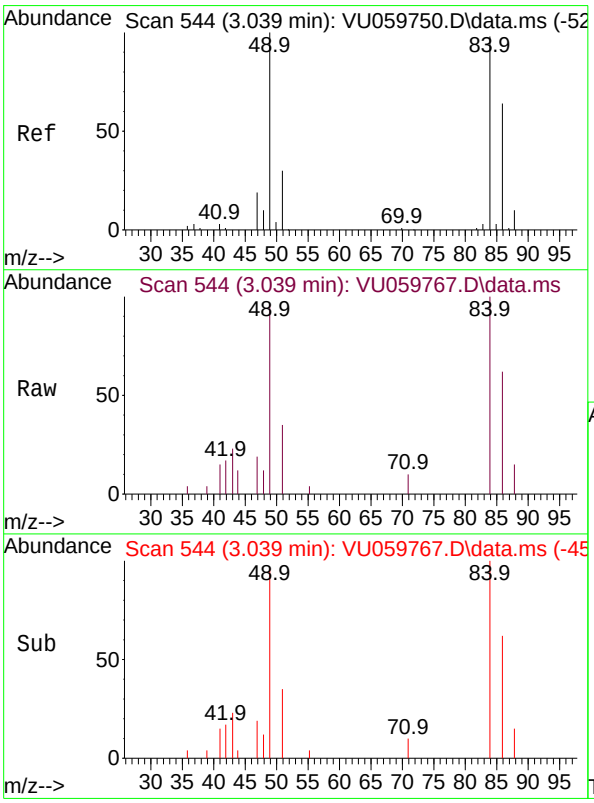
#15
Methyl Acetate
Concen: 0.231 ug/L
RT: 2.952 min Scan# 5
Delta R.T. 0.003 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 922

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.2	28.8#

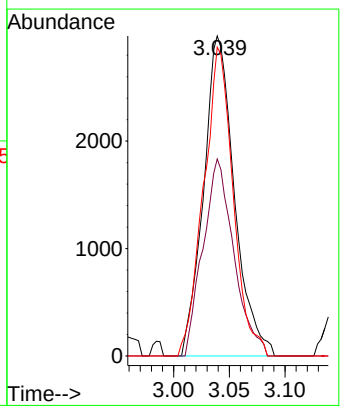


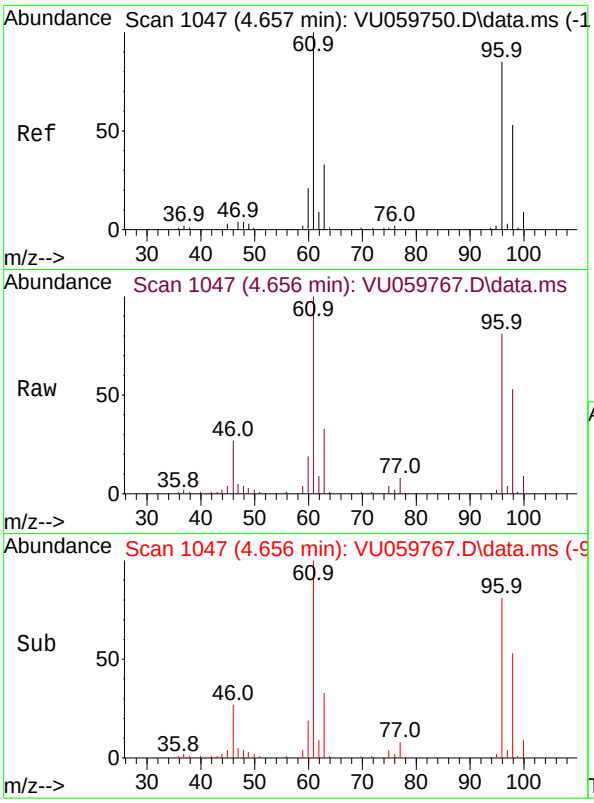


#16
Methylene chloride
Concen: 0.421 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

Tgt Ion: 84 Resp: 5745

Ion	Ratio	Lower	Upper
84	100		
86	61.6	42.1	78.1
49	96.5	80.6	149.8



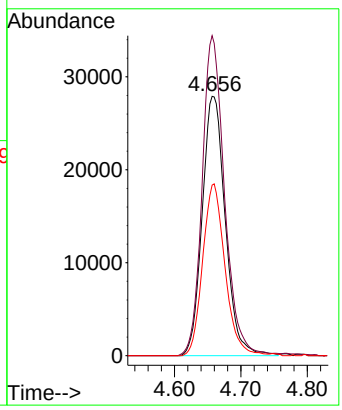


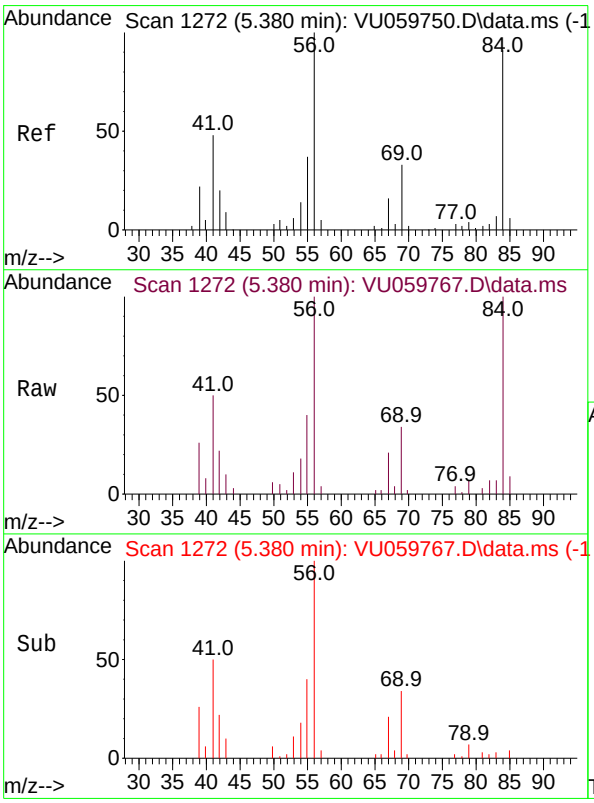
#22
cis-1,2-Dichloroethene
Concen: 5.116 ug/L
RT: 4.656 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 67618

Ion	Ratio	Lower	Upper
96	100		
61	123.4	87.4	162.2
98	65.8	42.3	78.5

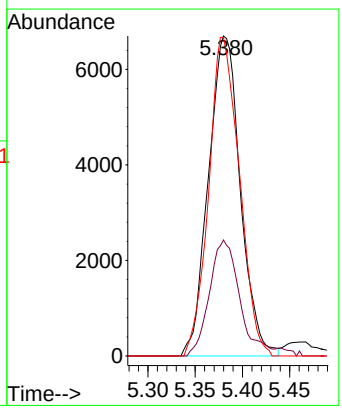


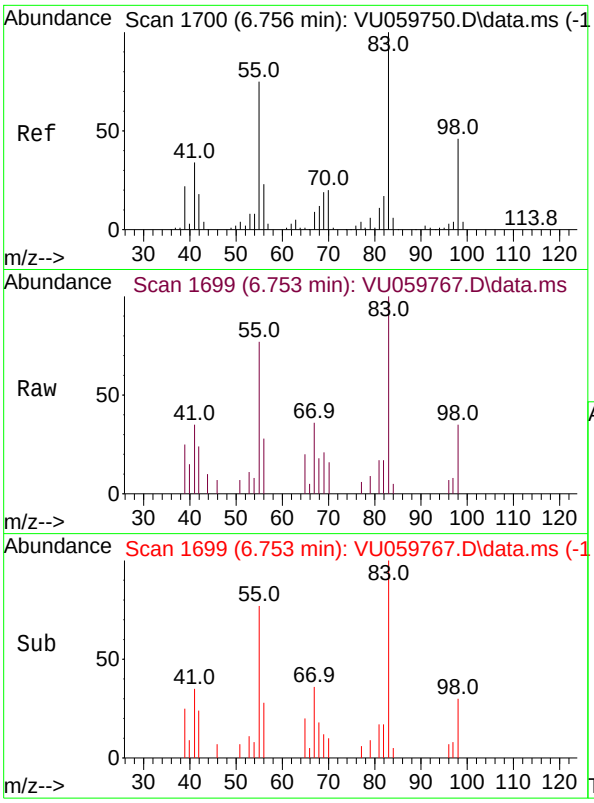


#30
Cyclohexane
Concen: 0.926 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

Tgt Ion: 56 Resp: 15714

Ion	Ratio	Lower	Upper
56	100		
69	34.2	24.8	37.2
84	95.7	69.8	104.8



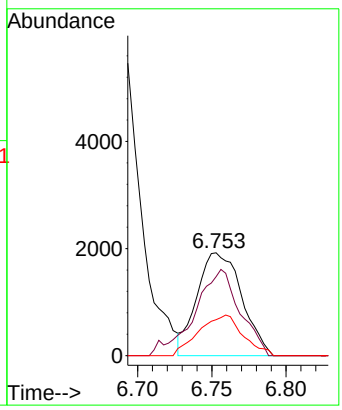


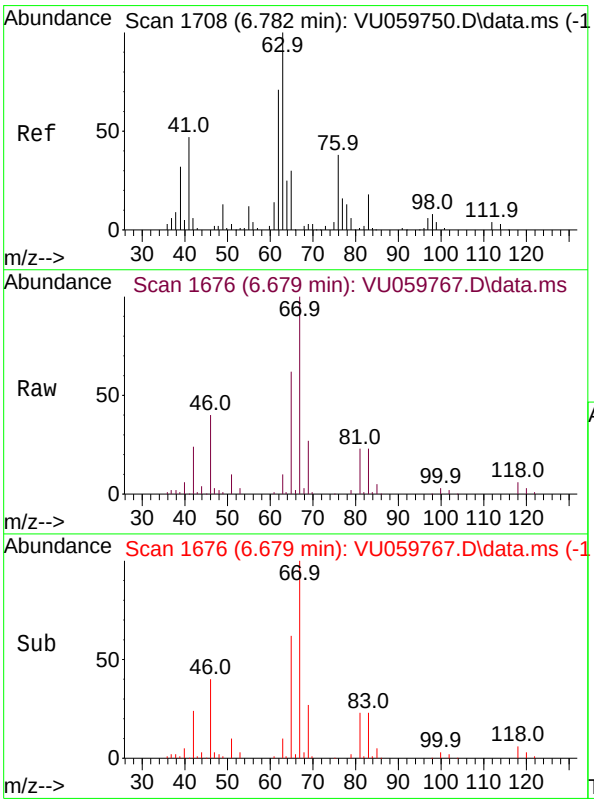
#35
Methylcyclohexane
Concen: 0.208 ug/L
RT: 6.753 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 4042

Ion	Ratio	Lower	Upper
83	100		
55	84.5	62.7	94.1
98	38.8	35.4	53.0

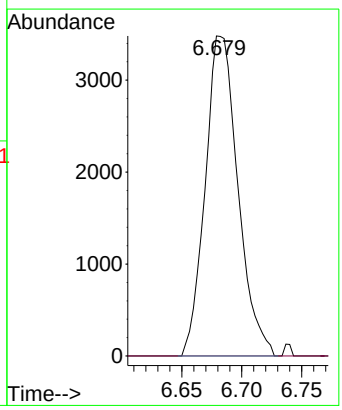


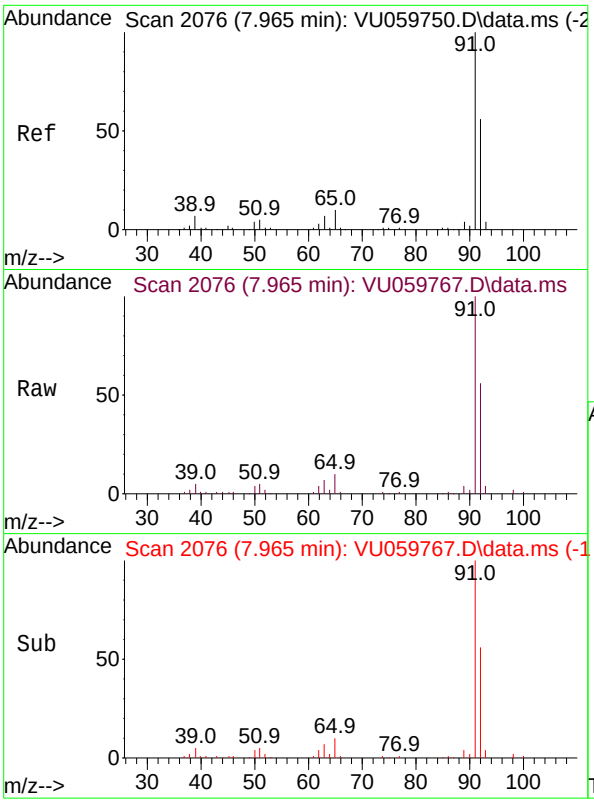


#37
1,2-Dichloropropane
Concen: 0.506 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

Tgt Ion: 63 Resp: 6612

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#



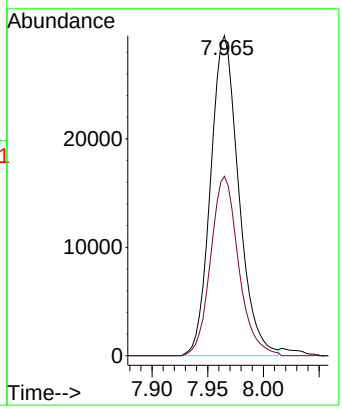


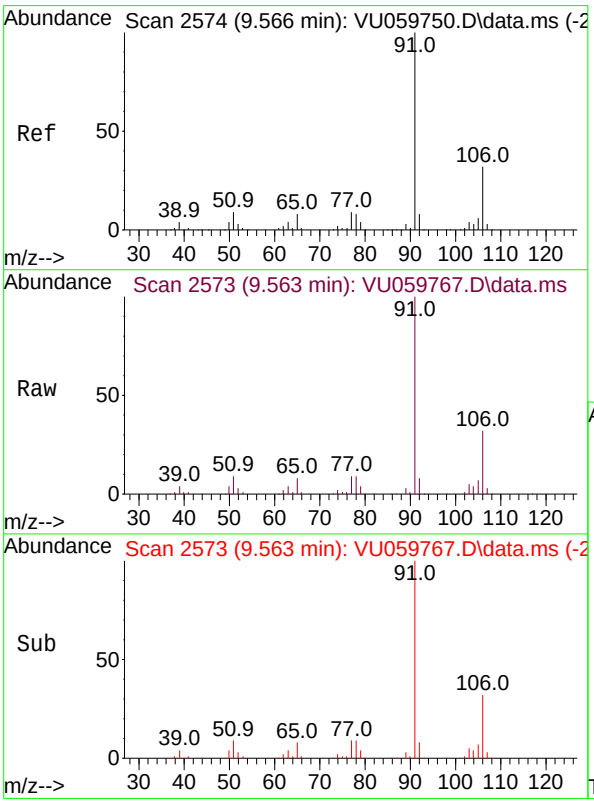
#42
Toluene
Concen: 0.969 ug/L
RT: 7.965 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 51857

Ion	Ratio	Lower	Upper
91	100		
92	56.0	39.7	73.7

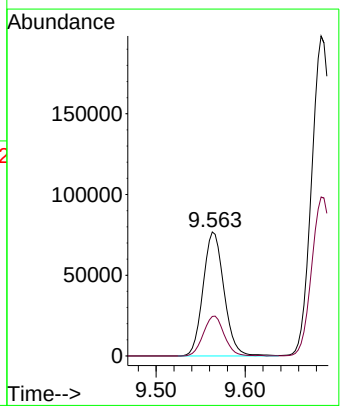


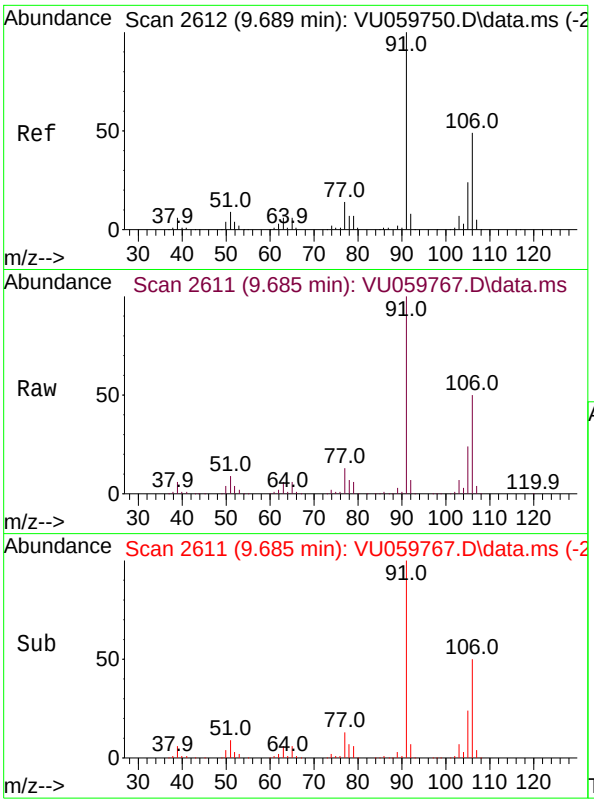


#52
Ethylbenzene
Concen: 2.286 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

Tgt Ion: 91 Resp: 125424

Ion	Ratio	Lower	Upper
91	100		
106	31.9	20.9	38.7



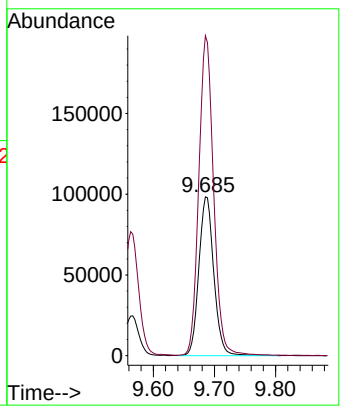


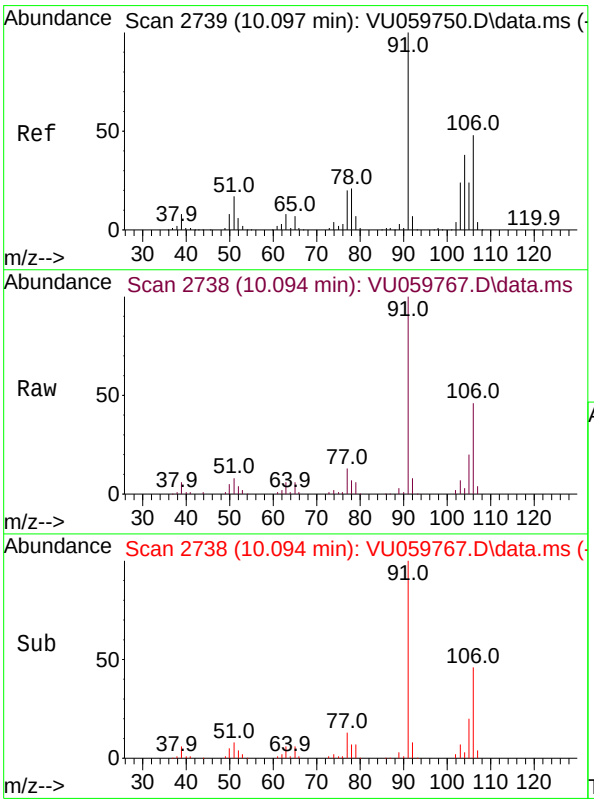
#53
m,p-Xylene
Concen: 7.930 ug/L
RT: 9.685 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 167125

Ion	Ratio	Lower	Upper
106	100		
91	201.5	142.0	263.8

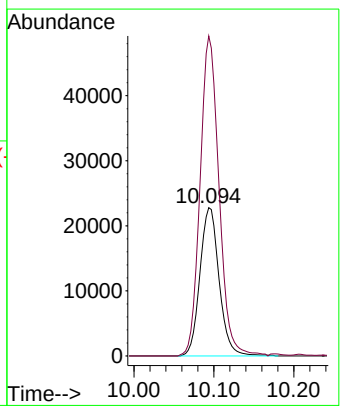


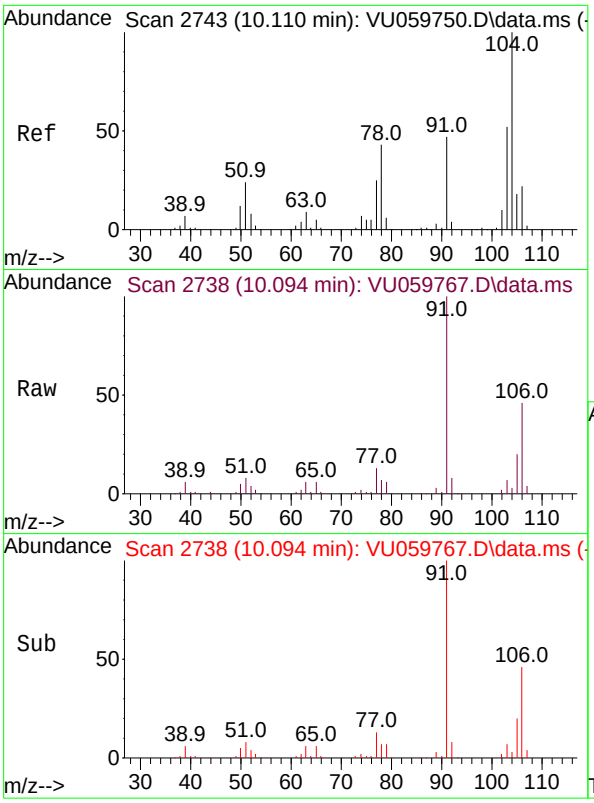


#54
o-Xylene
Concen: 1.905 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

Tgt Ion:106 Resp: 38101

Ion	Ratio	Lower	Upper
106	100		
91	215.8	151.6	281.6



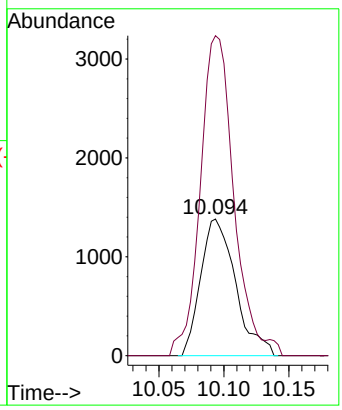


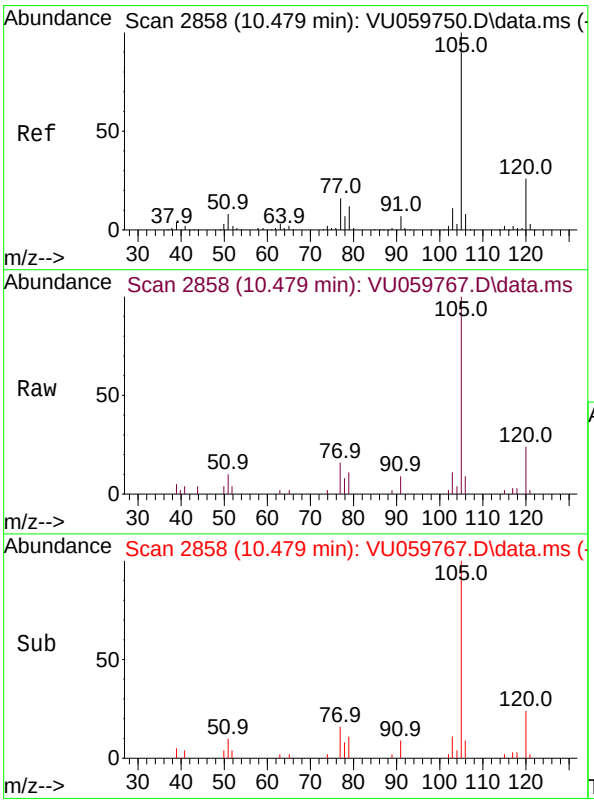
#55
Styrene
Concen: 0.076 ug/L
RT: 10.094 min Scan# 2
Delta R.T. -0.016 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:104 Resp: 2584

Ion	Ratio	Lower	Upper
104	100		
78	234.2	32.3	60.1#

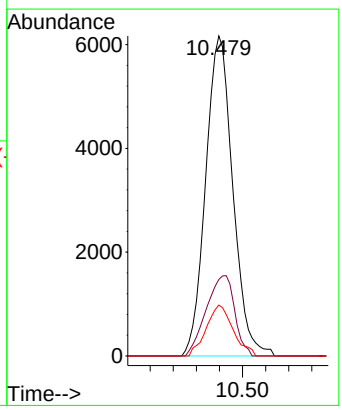


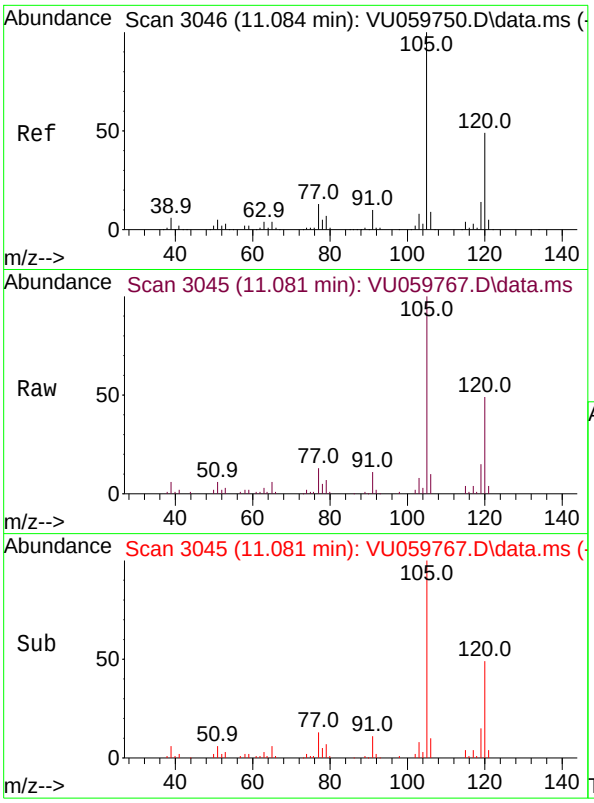


#60
Isopropylbenzene
Concen: 0.202 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

Tgt Ion:105 Resp: 10064

Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.6	31.0
77	15.6	12.8	19.2



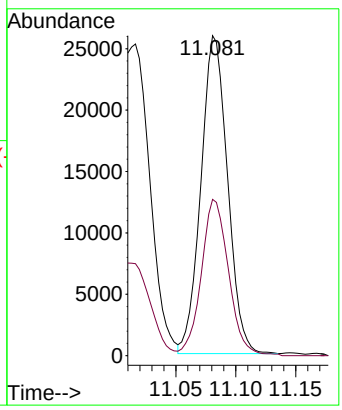


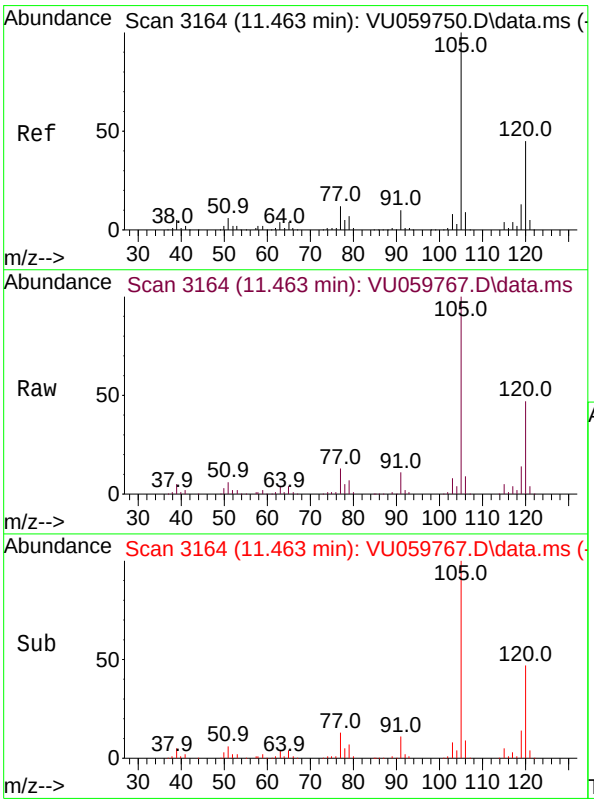
#62
1,3,5-Trimethylbenzene
Concen: 1.011 ug/L
RT: 11.081 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 39967

Ion	Ratio	Lower	Upper
105	100		
120	50.4	38.2	57.4

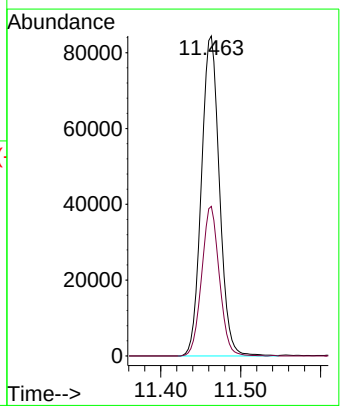


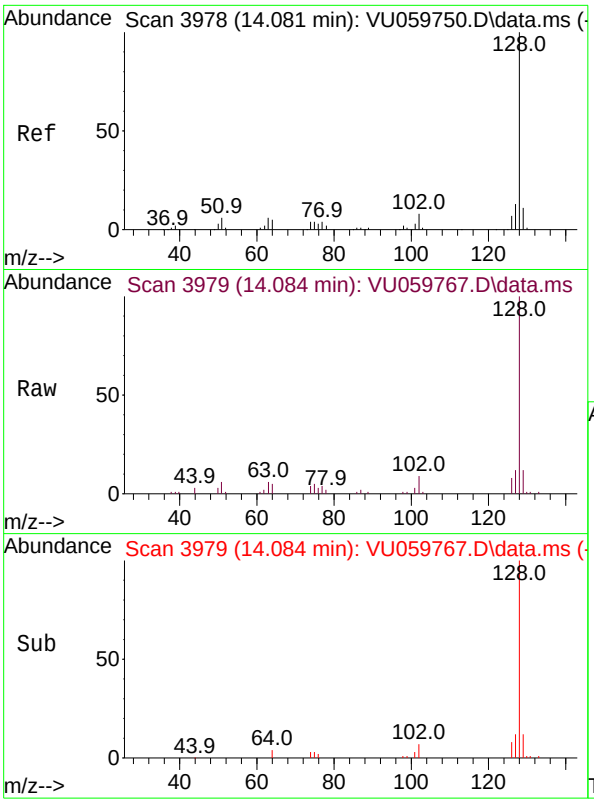


#63
1,2,4-Trimethylbenzene
Concen: 3.511 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

Tgt Ion:105 Resp: 132649

Ion	Ratio	Lower	Upper
105	100		
120	45.7	35.4	53.0





#71
Naphthalene
Concen: 1.495 ug/L
RT: 14.084 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 30815

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.2	12.4
127	12.5	10.2	15.4