Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059756.D
Acq On : 02 Jul 2024 22:45
Operator : MD/SY
Sample : P3121-04DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 03 04:09:09 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	179946	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	176887	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84479	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	59861	4.784	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.600%			
7) Chloroethane-d5	1.907	69	48526	4.031	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.600%			
11) 1,1-Dichloroethene-d2	2.554	65	24216	4.665	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.200%			
20) 2-Butanone-d5	4.634	46	89939	34.895	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 69.800%			
24) Chloroform-d	5.052	84	102400	3.987	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.800%			
26) 1,2-Dichloroethane-d4	5.695	65	49097	3.969	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.400%			
32) Benzene-d6	5.718	84	214851	4.413	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.200%			
36) 1,2-Dichloropropane-d6	6.682	67	66730	4.473	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.400%			
41) Toluene-d8	7.891	98	185789	4.105	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.200%			
43) trans-1,3-Dichloroprop...	8.174	79	21089	4.515	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.200%			
46) 2-Hexanone-d5	8.631	63	87450	45.057	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.120%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	51327	4.164	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	70690	4.701	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	7869	0.434	ug/L #	78
15) Methyl Acetate	2.956	43	1120	0.254	ug/L #	63
16) Methylene chloride	3.036	84	7903	0.523	ug/L	86
22) cis-1,2-Dichloroethene	4.653	96	126238	8.629	ug/L	95
35) Methylcyclohexane	6.682	83	15328	0.741	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	6710	0.483	ug/L #	90
53) m,p-Xylene	9.695	106	2819	0.126	ug/L	91
61) 1,2,3-Trichloropropane	11.807	75	10303	1.320	ug/L #	68
63) 1,2,4-Trimethylbenzene	11.467	105	2361	0.060	ug/L	97
71) Naphthalene	14.087	128	11070	0.513	ug/L #	96

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

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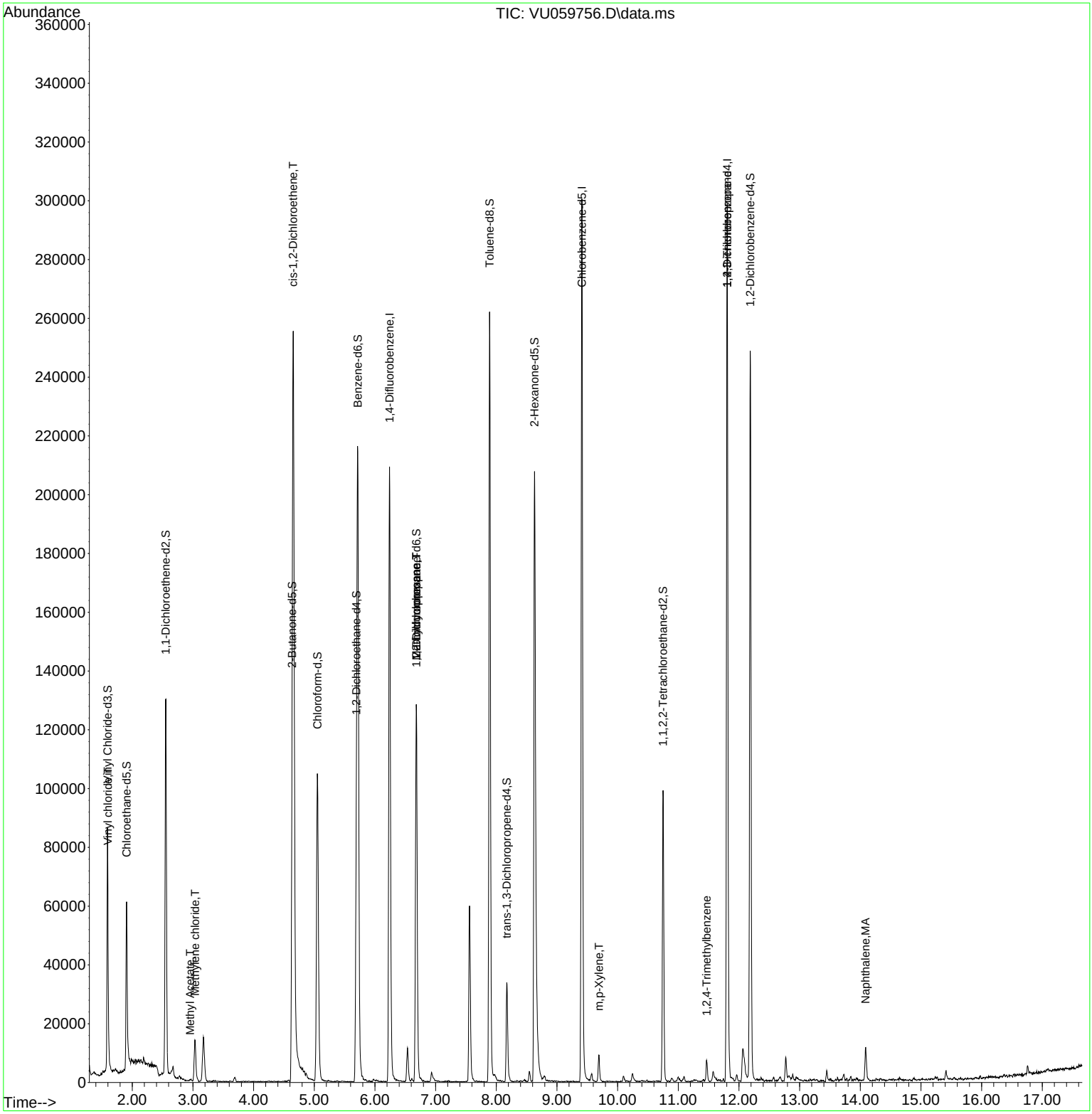
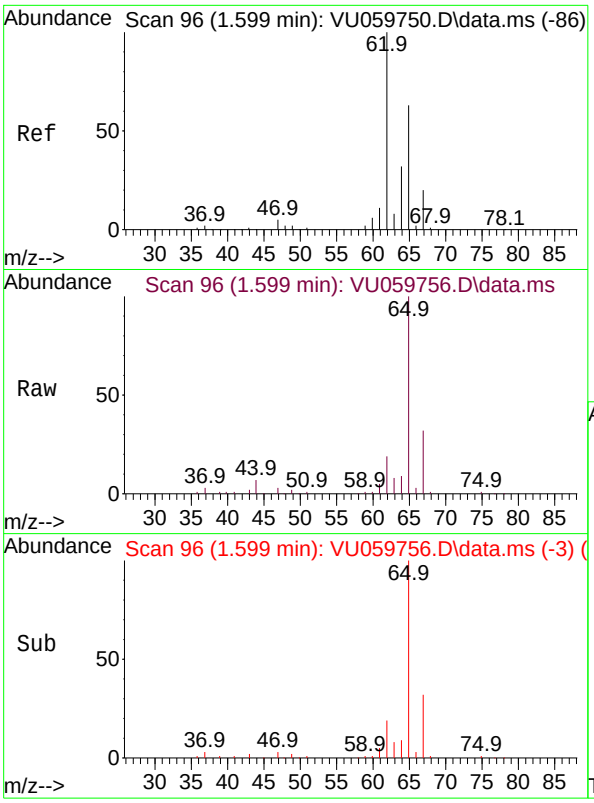
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 03 04:07:12 2024
Response via : Initial Calibration



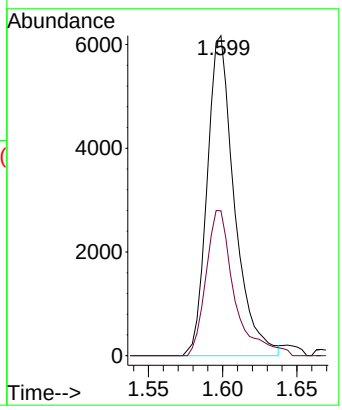


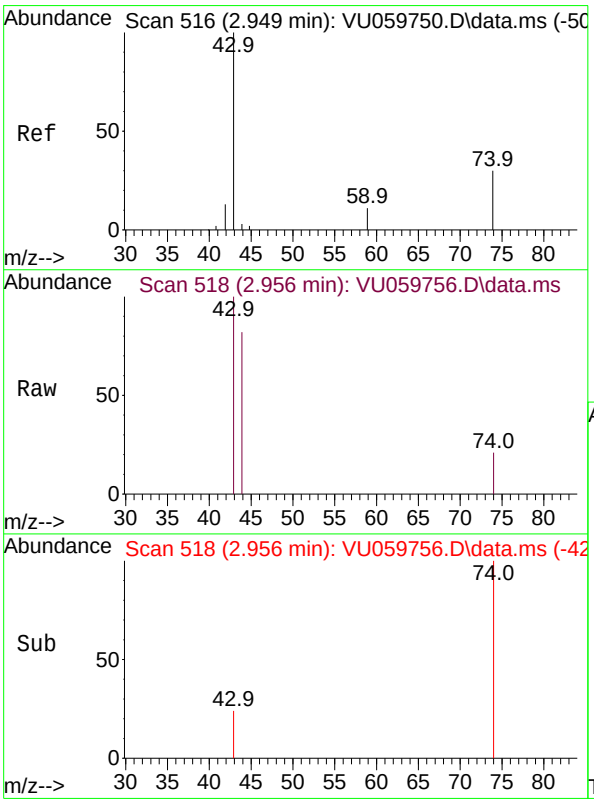
#5
Vinyl chloride
Concen: 0.434 ug/L
RT: 1.599 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU059756.D
Acq: 02 Jul 2024 22:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 7869

Ion	Ratio	Lower	Upper
62	100		
64	45.3	23.1	42.9#

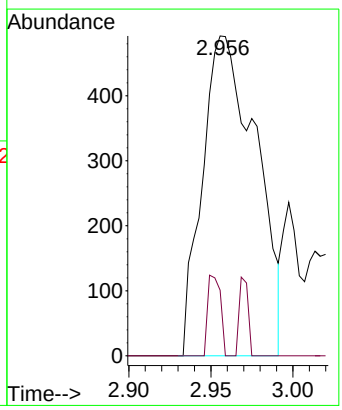


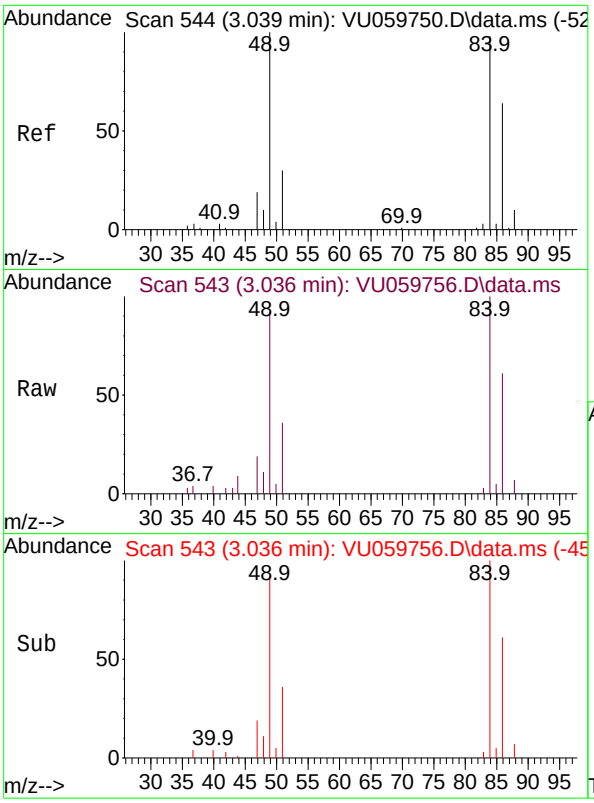


#15
Methyl Acetate
Concen: 0.254 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.006 min
Lab File: VU059756.D
Acq: 02 Jul 2024 22:45

Tgt Ion: 43 Resp: 1120

Ion	Ratio	Lower	Upper
43	100		
74	6.0	19.2	28.8#



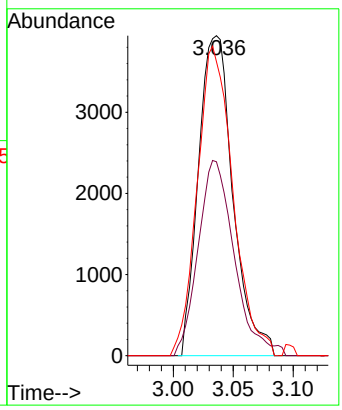


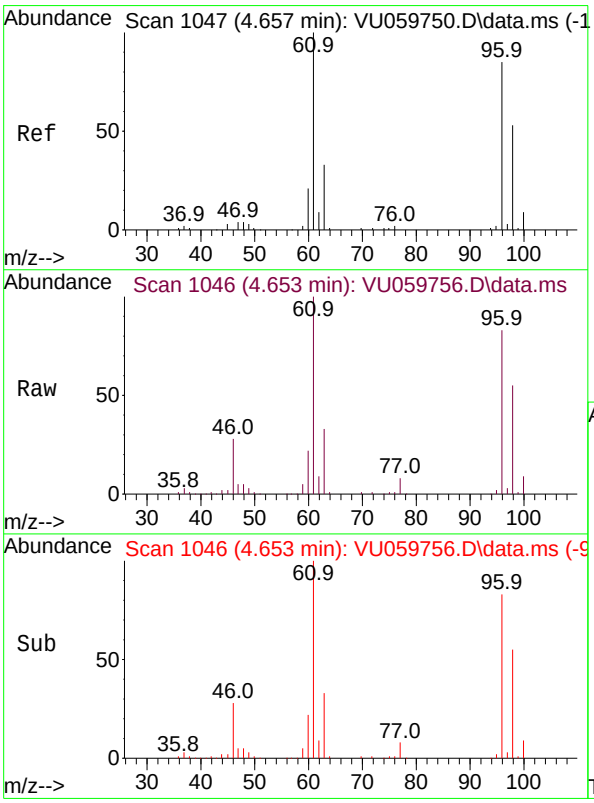
#16
Methylene chloride
Concen: 0.523 ug/L
RT: 3.036 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU059756.D
Acq: 02 Jul 2024 22:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 7903

Ion	Ratio	Lower	Upper
84	100		
86	60.6	42.1	78.1
49	91.9	80.6	149.8

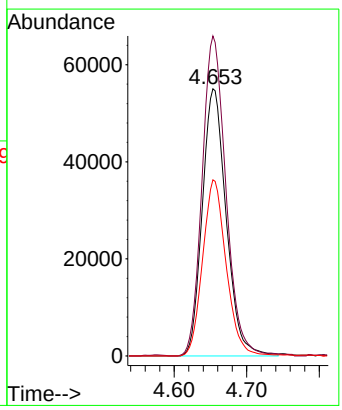


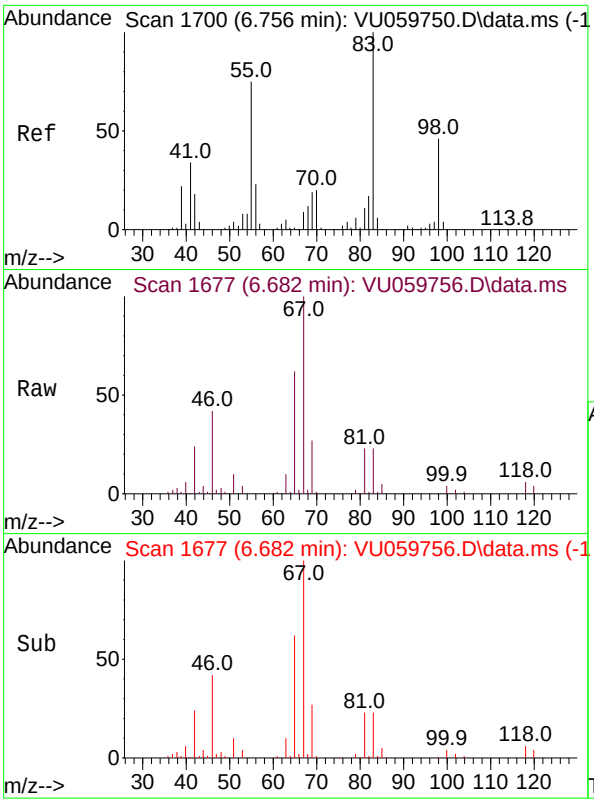


#22
cis-1,2-Dichloroethene
Concen: 8.629 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU059756.D
Acq: 02 Jul 2024 22:45

Tgt Ion: 96 Resp: 126238

Ion	Ratio	Lower	Upper
96	100		
61	119.8	87.4	162.2
98	65.9	42.3	78.5



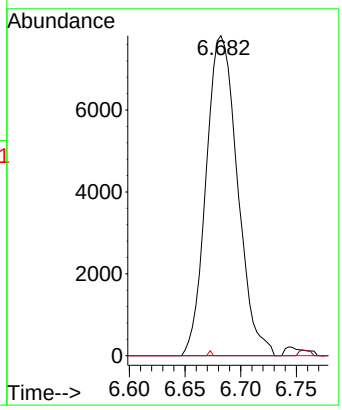


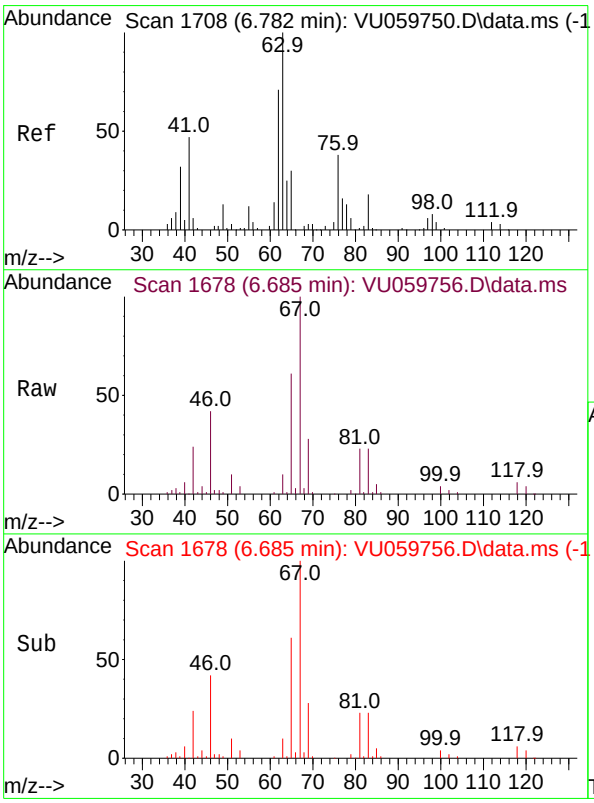
#35
Methylcyclohexane
Concen: 0.741 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU059756.D
Acq: 02 Jul 2024 22:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 15328

Ion	Ratio	Lower	Upper
83	100		
55	0.6	62.7	94.1#
98	0.2	35.4	53.0#

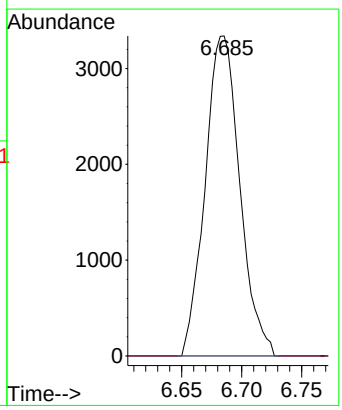


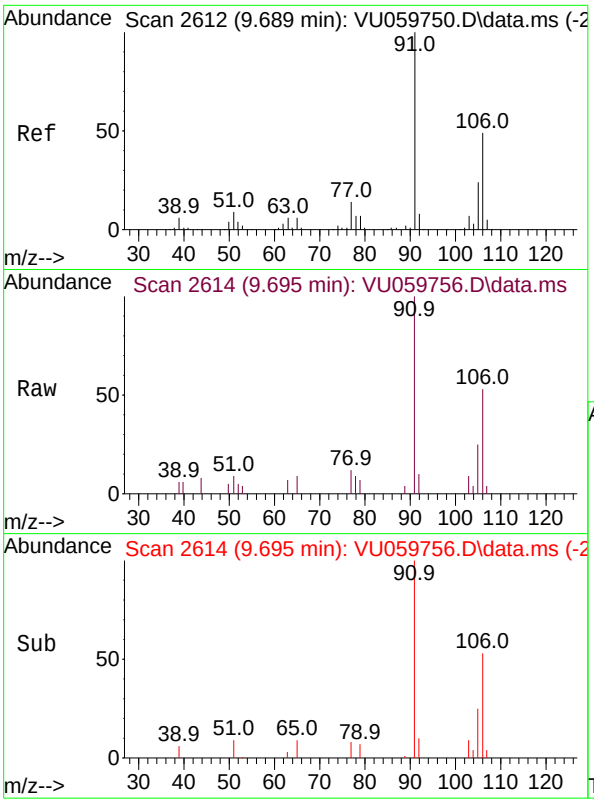


#37
1,2-Dichloropropane
Concen: 0.483 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.097 min
Lab File: VU059756.D
Acq: 02 Jul 2024 22:45

Tgt Ion: 63 Resp: 6710

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#



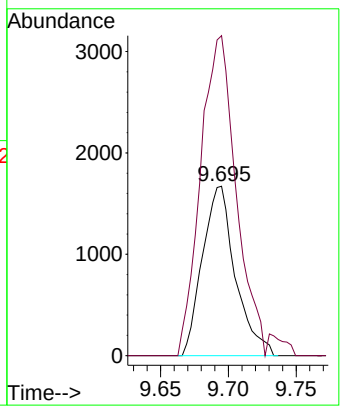


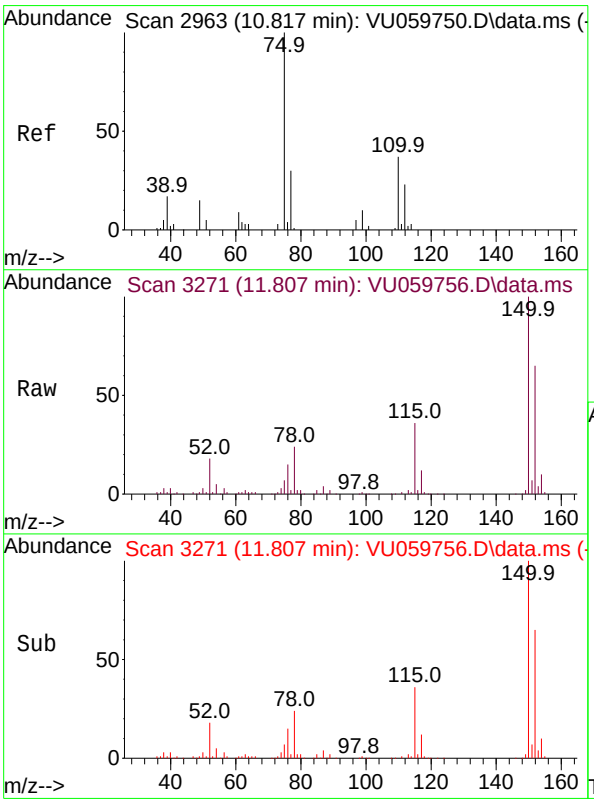
#53
m,p-Xylene
Concen: 0.126 ug/L
RT: 9.695 min Scan# 2
Delta R.T. 0.006 min
Lab File: VU059756.D
Acq: 02 Jul 2024 22:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 2819

Ion	Ratio	Lower	Upper
106	100		
91	188.9	142.0	263.8

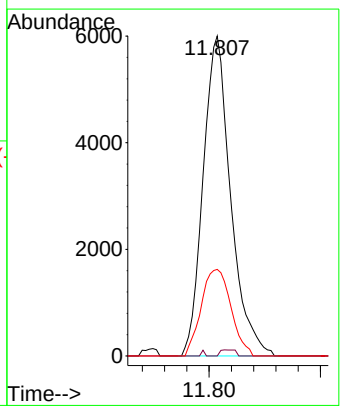


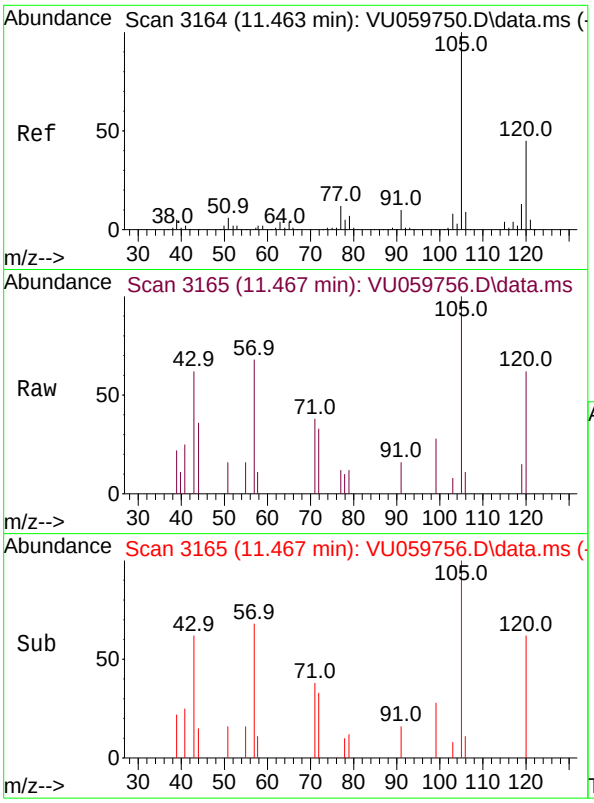


#61
1,2,3-Trichloropropane
Concen: 1.320 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU059756.D
Acq: 02 Jul 2024 22:45

Tgt Ion: 75 Resp: 10303

Ion	Ratio	Lower	Upper
75	100		
110	1.0	27.1	40.7#
77	29.2	25.4	38.2



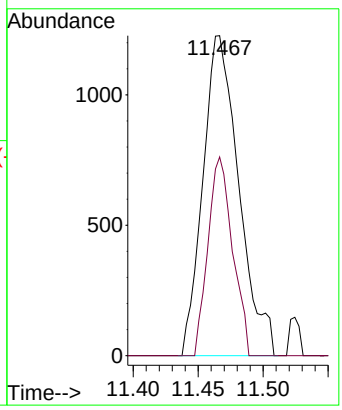


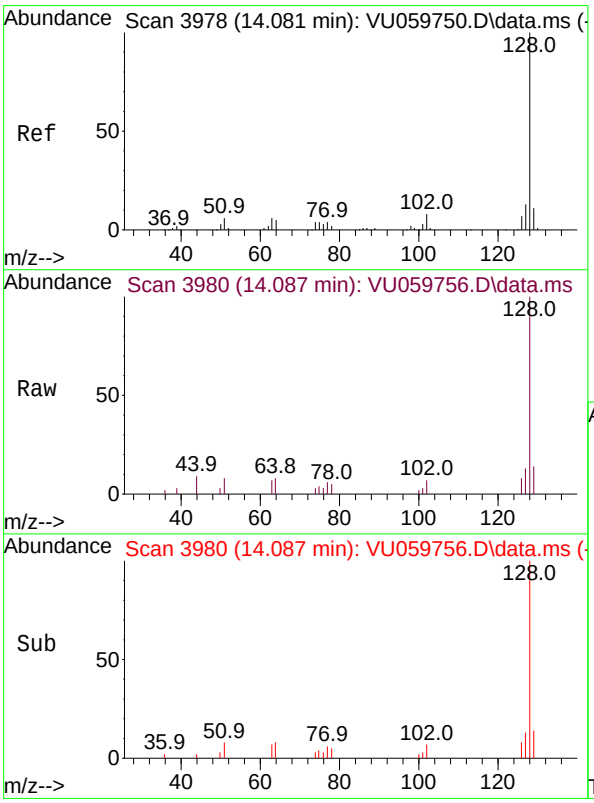
#63
1,2,4-Trimethylbenzene
Concen: 0.060 ug/L
RT: 11.467 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU059756.D
Acq: 02 Jul 2024 22:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 2361

Ion	Ratio	Lower	Upper
105	100		
120	42.3	35.4	53.0





#71
Naphthalene
Concen: 0.513 ug/L
RT: 14.087 min Scan# 3980
Delta R.T. 0.006 min
Lab File: VU059756.D
Acq: 02 Jul 2024 22:45

Tgt Ion:128 Resp: 11070

Ion	Ratio	Lower	Upper
128	100		
129	13.4	8.2	12.4#
127	12.7	10.2	15.4