Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059820.D
Acq On : 04 Jul 2024 00:29
Operator : MD/SY
Sample : P3136-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM4

Quant Time: Jul 04 02:14:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 04 02:08:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	188207	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	192027	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	90844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	55203	4.218	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.400%			
7) Chloroethane-d5	1.907	69	48760	3.872	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.400%			
11) 1,1-Dichloroethene-d2	2.560	65	23154	4.265	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.200%			
20) 2-Butanone-d5	4.624	46	145639	54.026	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.060%			
24) Chloroform-d	5.055	84	111564	4.153	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.000%			
26) 1,2-Dichloroethane-d4	5.695	65	57272	4.426	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.600%			
32) Benzene-d6	5.718	84	227492	4.305	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.000%			
36) 1,2-Dichloropropane-d6	6.682	67	71028	4.386	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.800%			
41) Toluene-d8	7.891	98	197582	4.022	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.400%			
43) trans-1,3-Dichloroprop...	8.174	79	24112	4.755	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.000%			
46) 2-Hexanone-d5	8.627	63	116270	55.183	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.360%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	62027	4.636	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	81095	5.016	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.400%			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	5836	0.340	ug/L	100
13) Acetone	2.641	43	7450	4.260	ug/L	96
16) Methylene chloride	3.039	84	2838	0.179	ug/L	84
17) Methyl tert-butyl Ether	3.354	73	47651	1.657	ug/L	99
30) Cyclohexane	5.380	56	2303	0.118	ug/L	98
33) Benzene	5.769	78	16180	0.277	ug/L	100
35) Methylcyclohexane	6.756	83	2008	0.089	ug/L #	65
47) Tetrachloroethene	8.547	164	14588	1.190	ug/L	90
52) Ethylbenzene	9.566	91	7141	0.113	ug/L	99
53) m,p-Xylene	9.688	106	5616	0.231	ug/L	87

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

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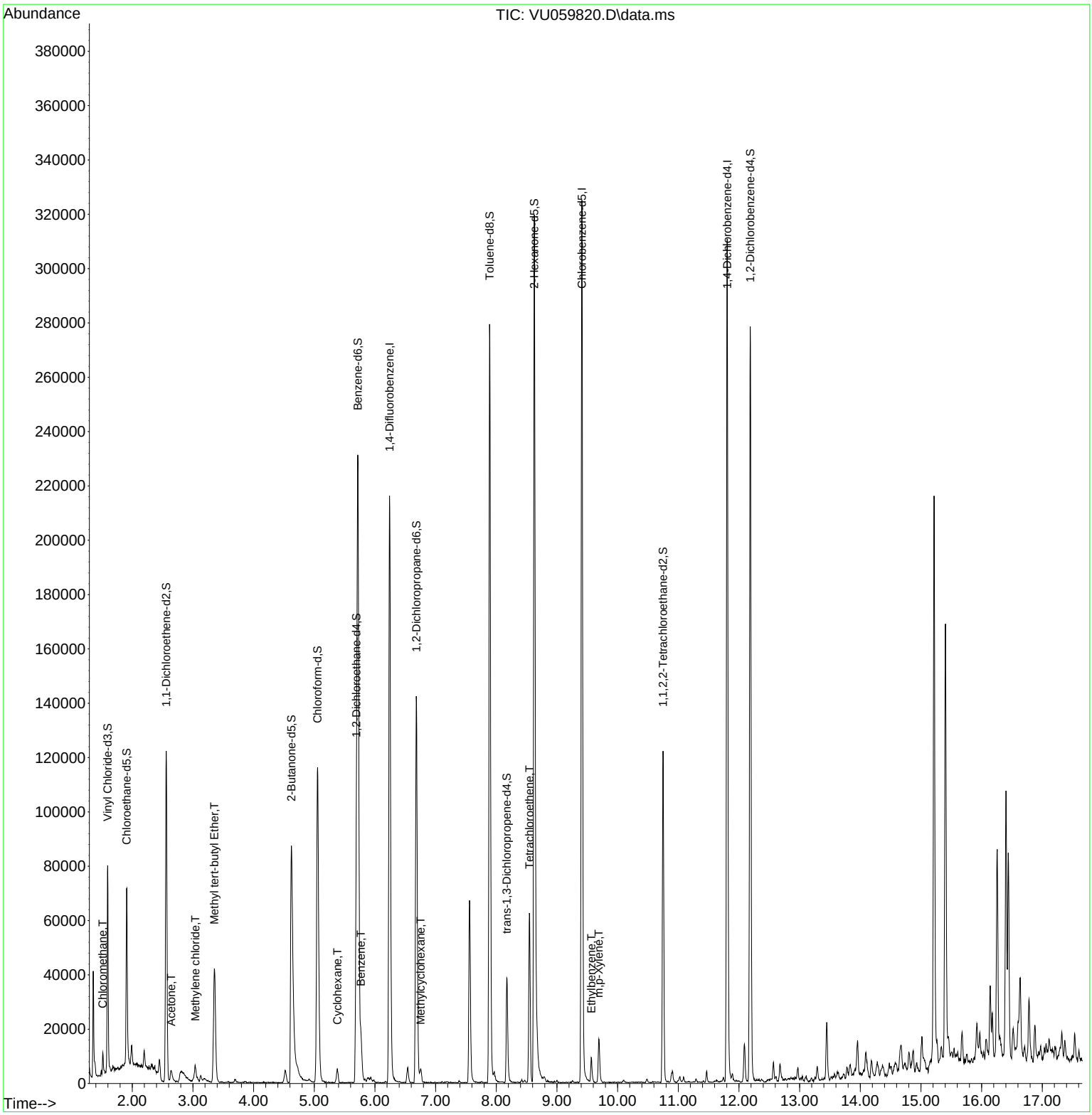
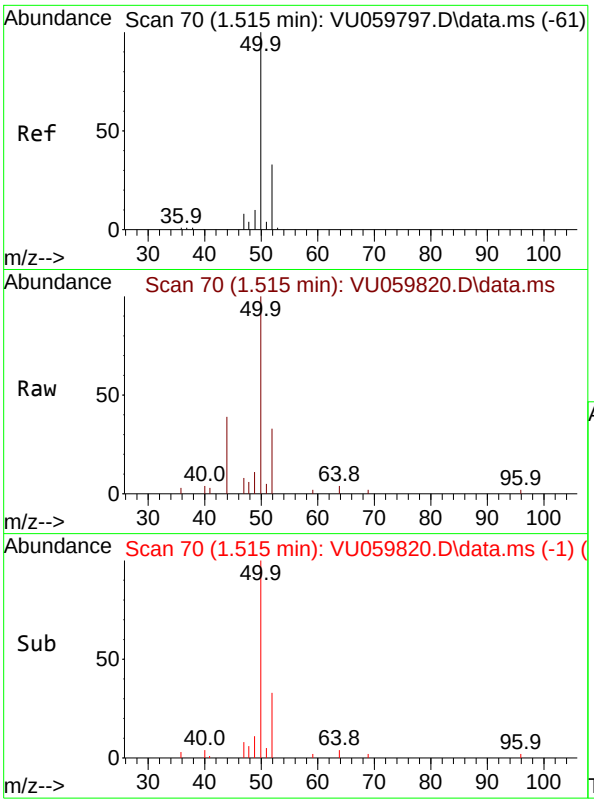


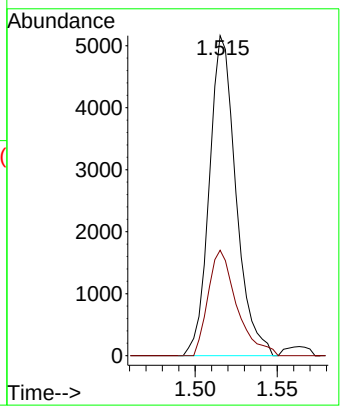


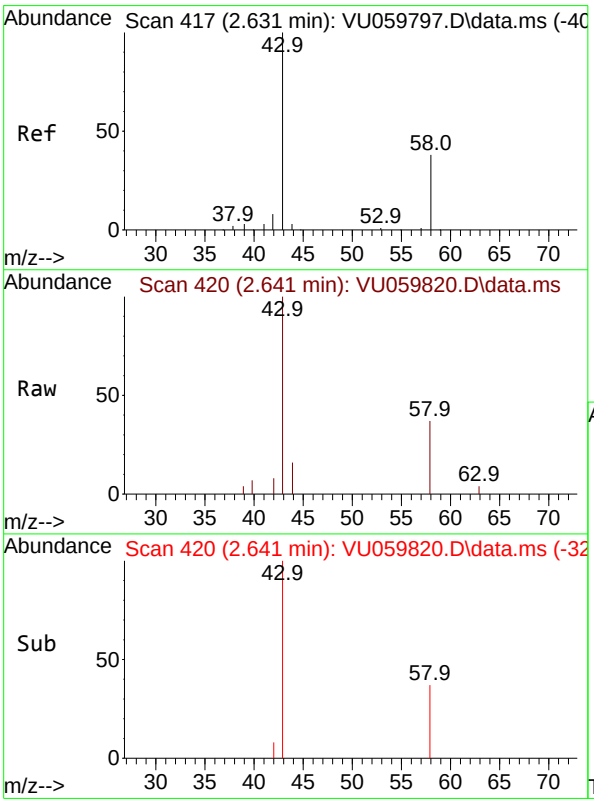
#3
Chloromethane
Concen: 0.340 ug/L
RT: 1.515 min Scan# 7(
Delta R.T. -0.000 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

Instrument :
MSVOA_U
ClientSampleId :
C0BM4

Tgt Ion: 50 Resp: 5836

Ion	Ratio	Lower	Upper
50	100		
52	33.0	23.2	43.0

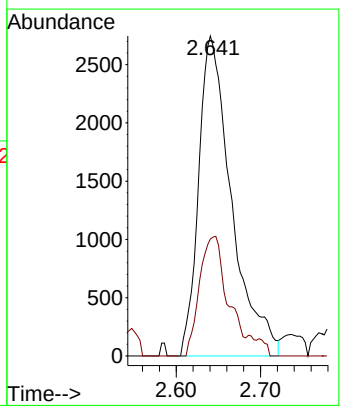


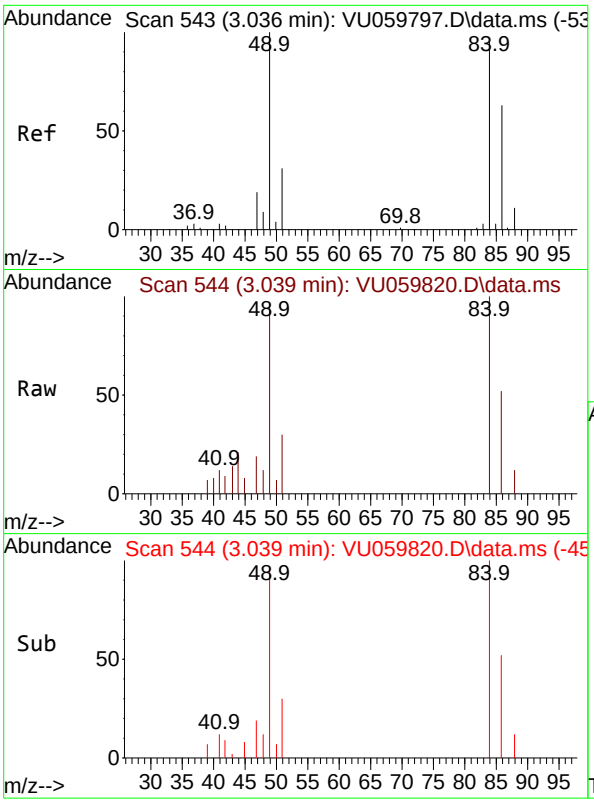


#13
Acetone
Concen: 4.260 ug/L
RT: 2.641 min Scan# 420
Delta R.T. 0.010 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

Tgt Ion: 43 Resp: 7450

Ion	Ratio	Lower	Upper
43	100		
58	31.8	0.0	68.0



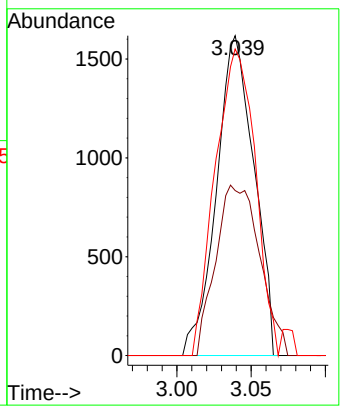


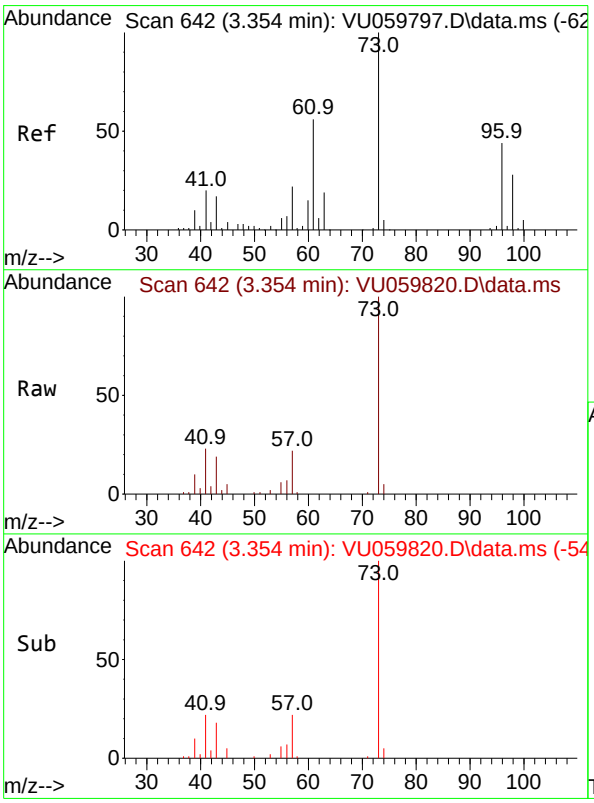
#16
Methylene chloride
Concen: 0.179 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

Instrument :
MSVOA_U
ClientSampleId :
C0BM4

Tgt Ion: 84 Resp: 2838

Ion	Ratio	Lower	Upper
84	100		
86	51.6	42.1	78.1
49	95.9	80.6	149.8

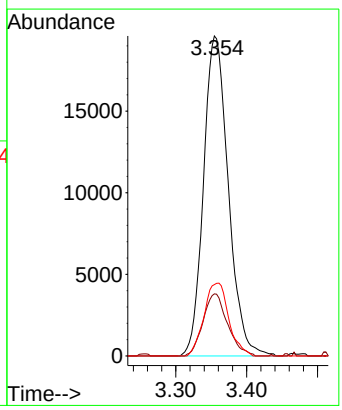


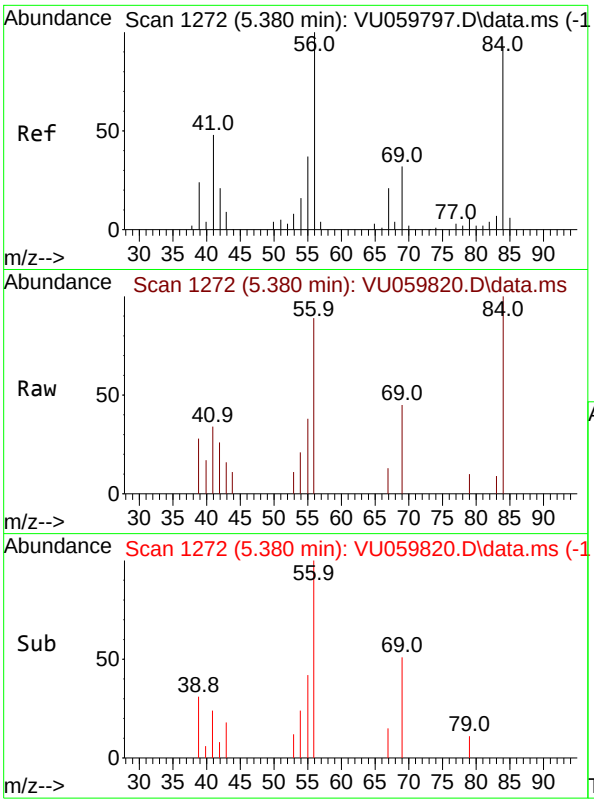


#17
Methyl tert-butyl Ether
Concen: 1.657 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

Tgt Ion: 73 Resp: 47651

Ion	Ratio	Lower	Upper
73	100		
43	19.2	14.9	22.3
57	22.7	18.0	27.0



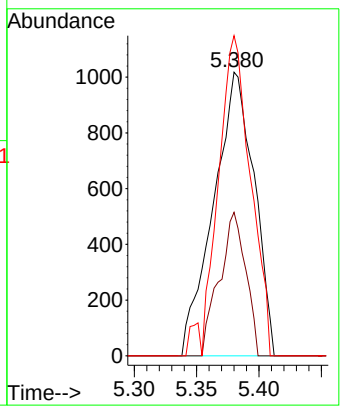


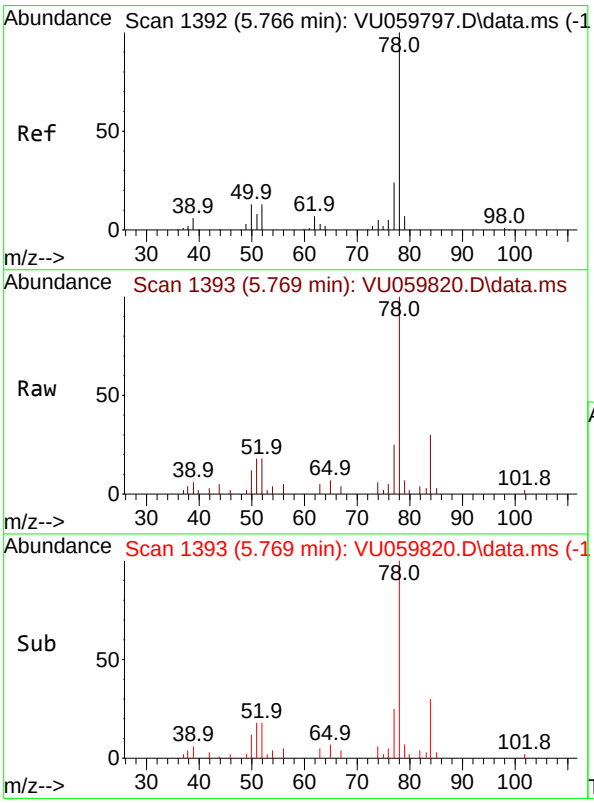
#30
Cyclohexane
Concen: 0.118 ug/L
RT: 5.380 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

Instrument :
MSVOA_U
ClientSampleId :
C0BM4

Tgt Ion: 56 Resp: 2303

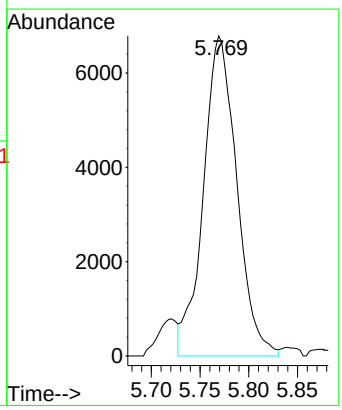
Ion	Ratio	Lower	Upper
56	100		
69	33.0	24.8	37.2
84	88.3	69.8	104.8

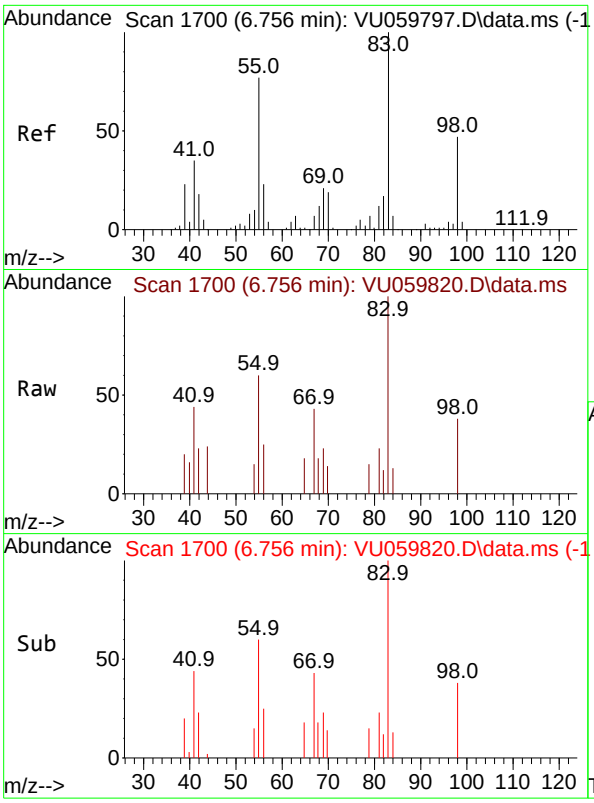




#33
Benzene
Concen: 0.277 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

Tgt Ion: 78 Resp: 16180



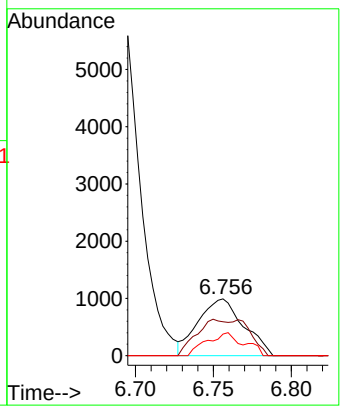


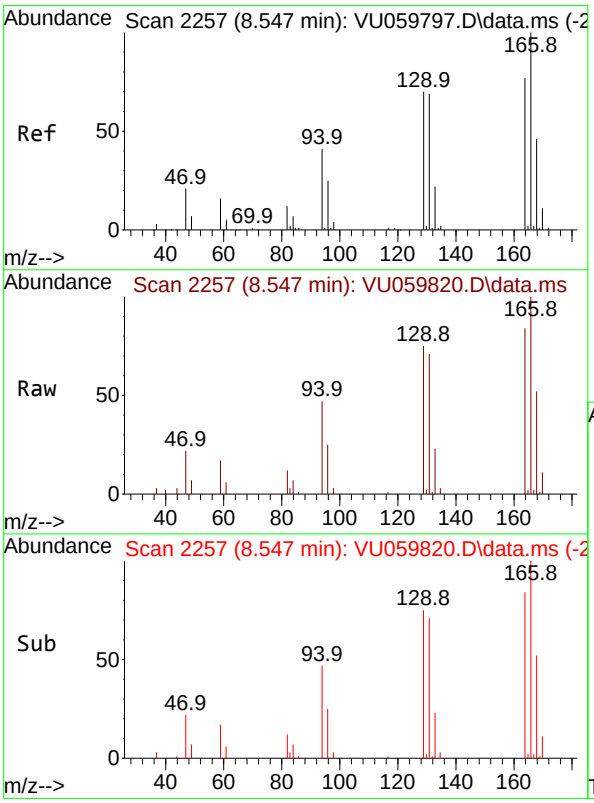
#35
Methylcyclohexane
Concen: 0.089 ug/L
RT: 6.756 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

Instrument :
MSVOA_U
ClientSampleId :
C0BM4

Tgt Ion: 83 Resp: 2008

Ion	Ratio	Lower	Upper
83	100		
55	44.0	62.7	94.1#
98	27.3	35.4	53.0#

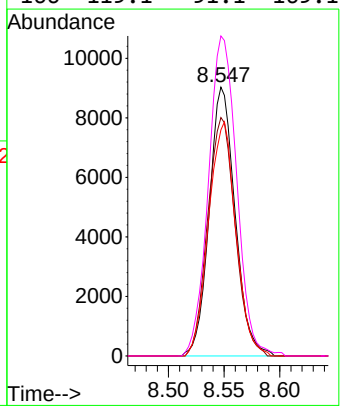


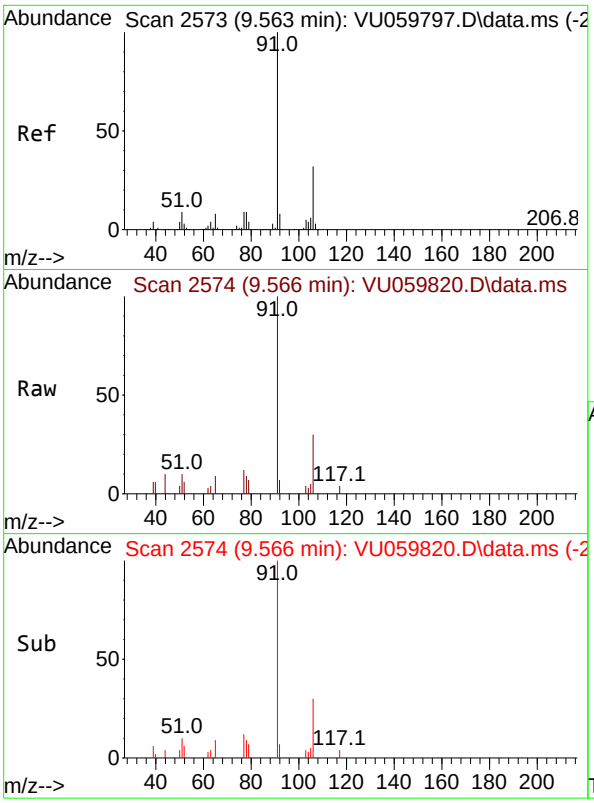


#47
Tetrachloroethene
Concen: 1.190 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

Tgt Ion:164 Resp: 14588

Ion	Ratio	Lower	Upper
164	100		
129	88.7	70.8	131.4
131	84.1	64.8	120.3
166	119.1	91.1	169.1



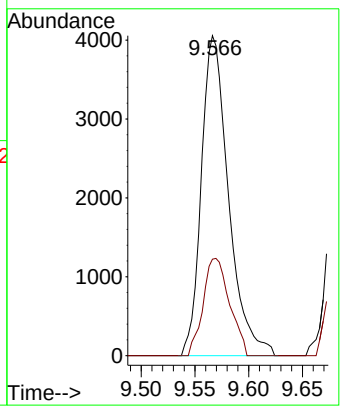


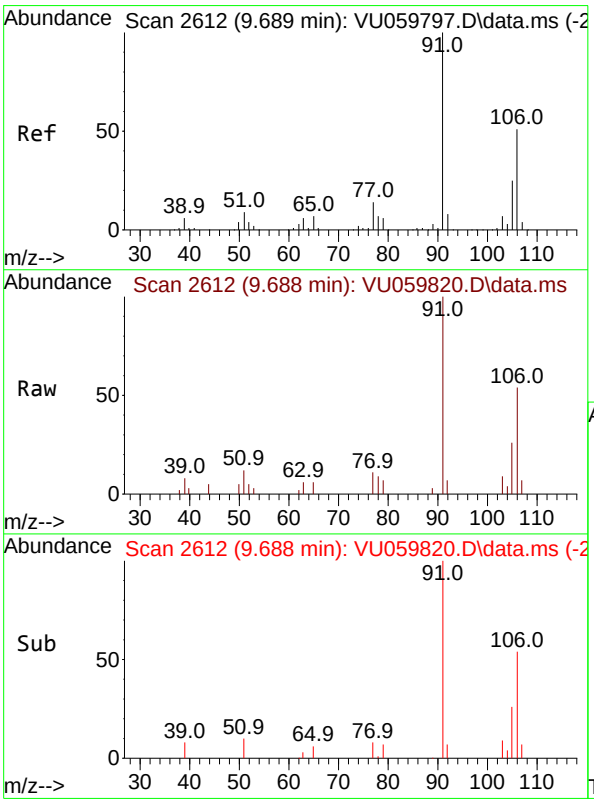
#52
Ethylbenzene
Concen: 0.113 ug/L
RT: 9.566 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

Instrument :
MSVOA_U
ClientSampleId :
C0BM4

Tgt Ion: 91 Resp: 7141

Ion	Ratio	Lower	Upper
91	100		
106	30.2	20.9	38.7





#53
m,p-Xylene
Concen: 0.231 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

Tgt Ion:106 Resp: 5616

Ion	Ratio	Lower	Upper
106	100		
91	183.8	142.0	263.8