Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070323\
Data File : VU054752.D
Acq On : 03 Jul 2023 16:29
Operator : MD/SY
Sample : 03505-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A46R9

Quant Time: Jul 05 04:43:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 05 04:39:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	248609	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	243881	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	114770	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	66246	4.187	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.800%			
7) Chloroethane-d5	1.907	69	63401	4.280	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.600%			
11) 1,1-Dichloroethene-d2	2.560	65	28005	3.963	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.200%			
20) 2-Butanone-d5	4.624	46	255655	57.471	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.940%			
24) Chloroform-d	5.058	84	142942	4.322	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.400%			
26) 1,2-Dichloroethane-d4	5.698	65	74314	4.610	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.200%			
32) Benzene-d6	5.724	84	259747	3.831	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.600%			
36) 1,2-Dichloropropane-d6	6.689	67	94392	4.169	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.400%			
41) Toluene-d8	7.894	98	219476	3.648	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.000%			
43) trans-1,3-Dichloroprop...	8.177	79	34288	4.355	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.200%			
46) 2-Hexanone-d5	8.631	63	172679	52.278	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.560%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	81294	4.815	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.400%			
66) 1,2-Dichlorobenzene-d4	12.190	152	87640	4.527	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.600%			
Target Compounds						Qvalue
13) Acetone	2.631	43	96049	22.900	ug/L	99
16) Methylene chloride	3.042	84	27594	1.088	ug/L	96
21) 2-Butanone	4.721	43	17422	3.201	ug/L	98
33) Benzene	5.776	78	16465	0.188	ug/L	100
42) Toluene	7.968	91	267058	2.959	ug/L	99
47) Tetrachloroethene	8.554	164	4837	0.273	ug/L	96
53) m,p-Xylene	9.689	106	10206	0.282	ug/L	93
54) o-Xylene	10.103	106	5635	0.161	ug/L	96

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

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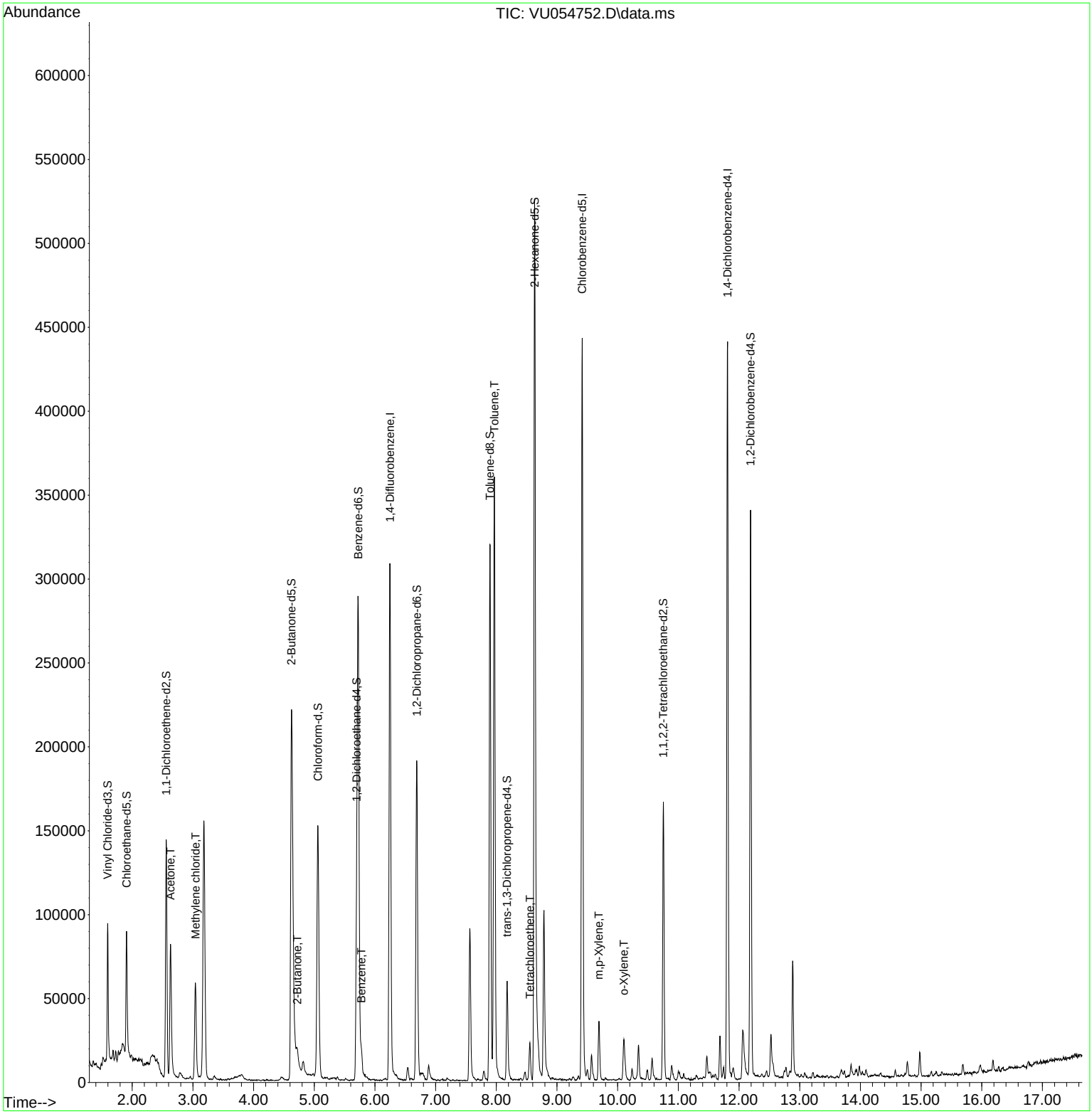
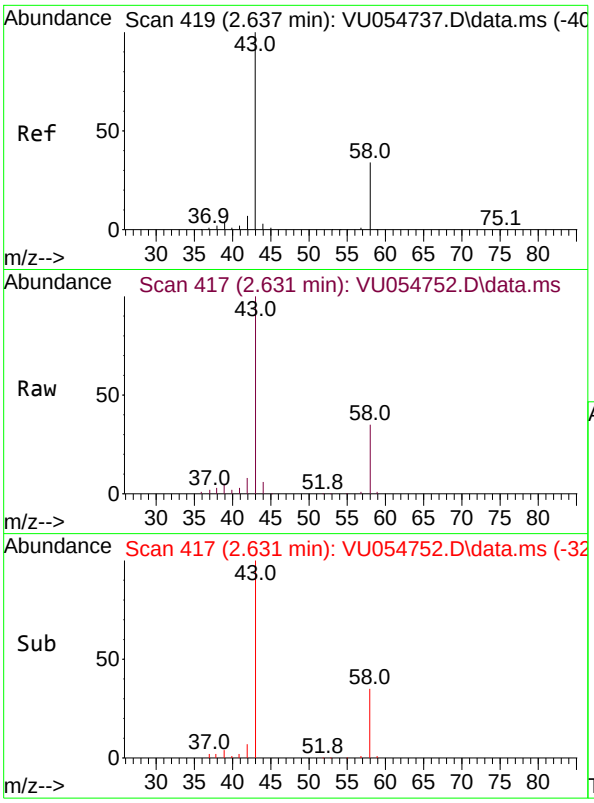


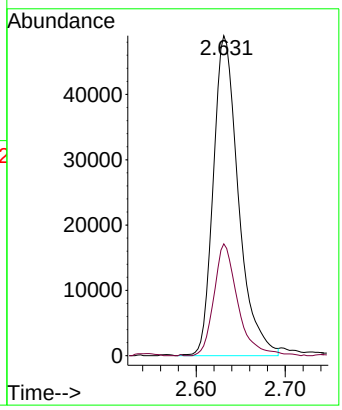


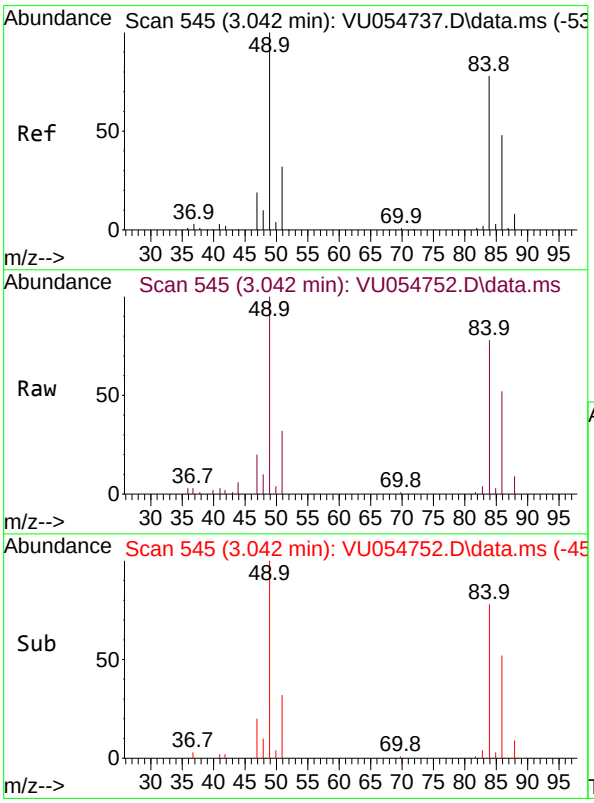
#13
Acetone
Concen: 22.900 ug/L
RT: 2.631 min Scan# 4
Delta R.T. -0.006 min
Lab File: VU054752.D
Acq: 03 Jul 2023 16:29

Instrument :
MSVOA_U
ClientSampleId :
A46R9

Tgt Ion: 43 Resp: 96049

Ion	Ratio	Lower	Upper
43	100		
58	33.2	0.0	67.2

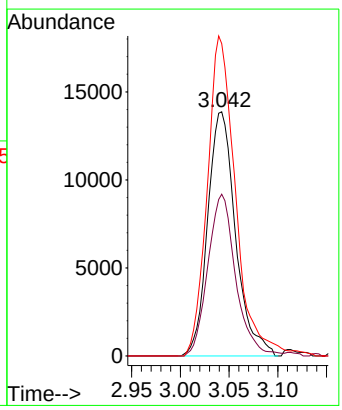


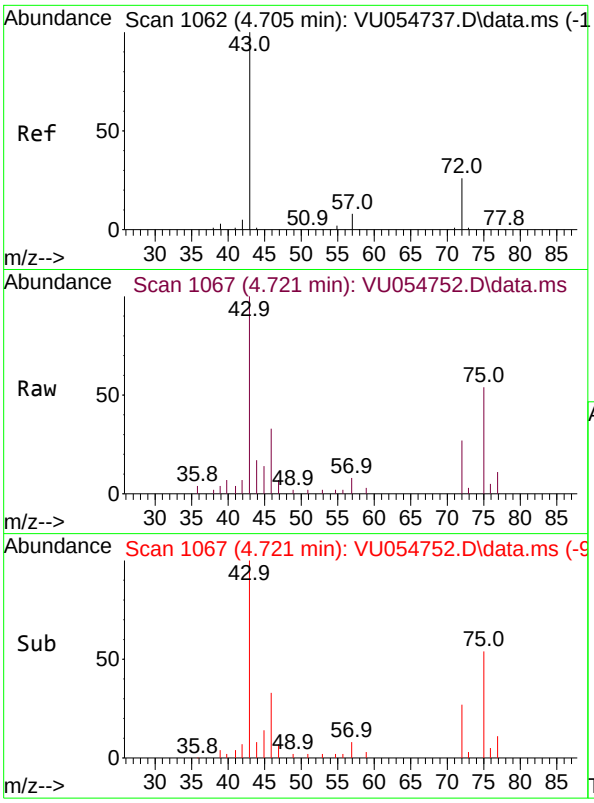


#16
Methylene chloride
Concen: 1.088 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU054752.D
Acq: 03 Jul 2023 16:29

Tgt Ion: 84 Resp: 27594

Ion	Ratio	Lower	Upper
84	100		
86	66.3	43.9	81.5
49	127.9	86.1	159.9



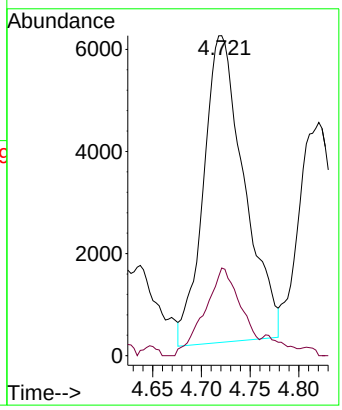


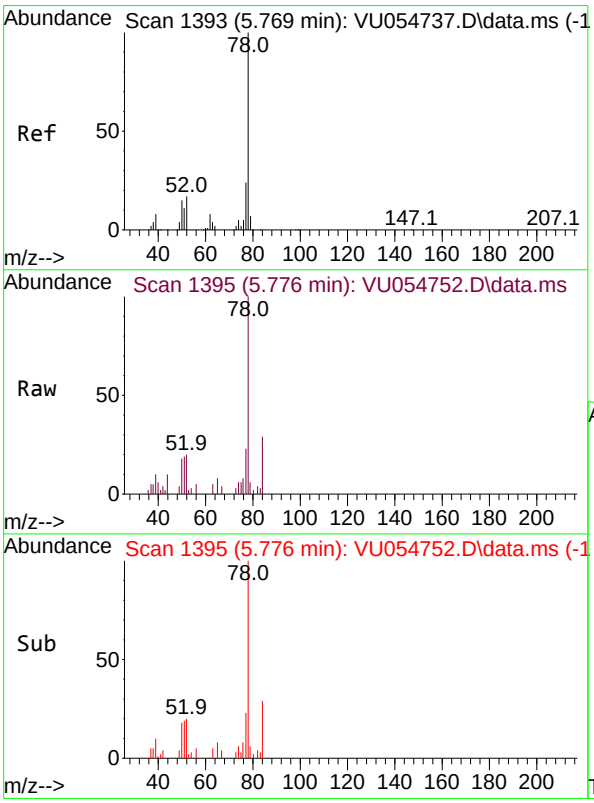
#21
2-Butanone
Concen: 3.201 ug/L
RT: 4.721 min Scan# 1
Delta R.T. 0.016 min
Lab File: VU054752.D
Acq: 03 Jul 2023 16:29

Instrument :
MSVOA_U
ClientSampleId :
A46R9

Tgt Ion: 43 Resp: 17422

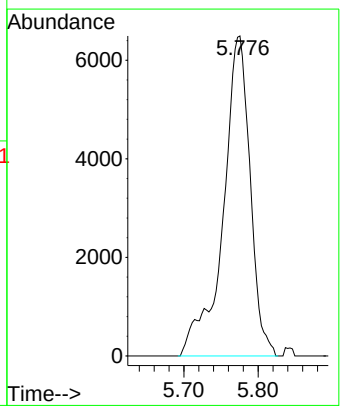
Ion	Ratio	Lower	Upper
43	100		
72	25.5	13.4	40.1

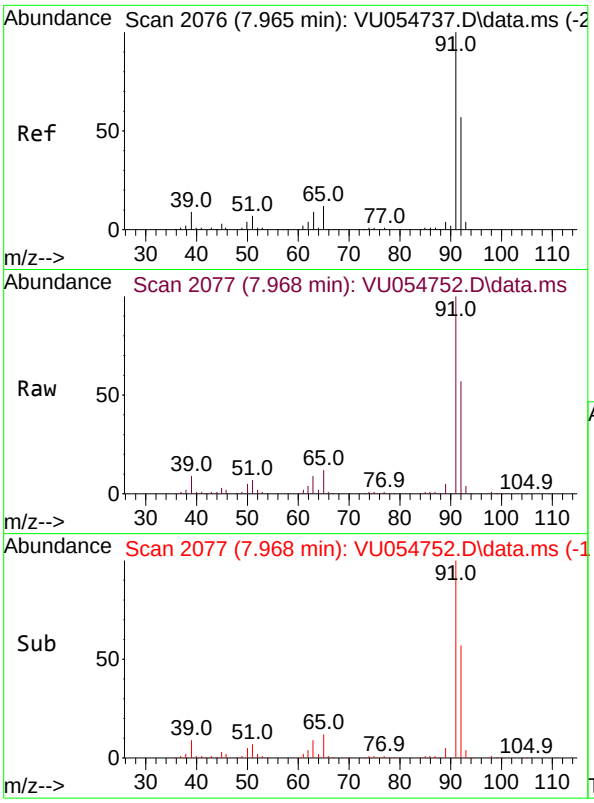




#33
Benzene
Concen: 0.188 ug/L
RT: 5.776 min Scan# 1395
Delta R.T. 0.007 min
Lab File: VU054752.D
Acq: 03 Jul 2023 16:29

Tgt Ion: 78 Resp: 16465



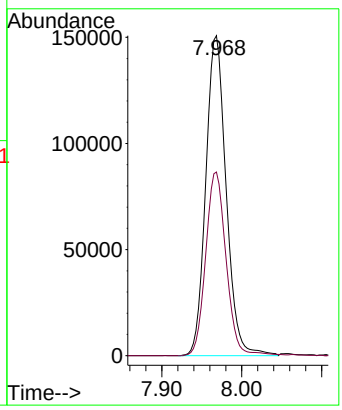


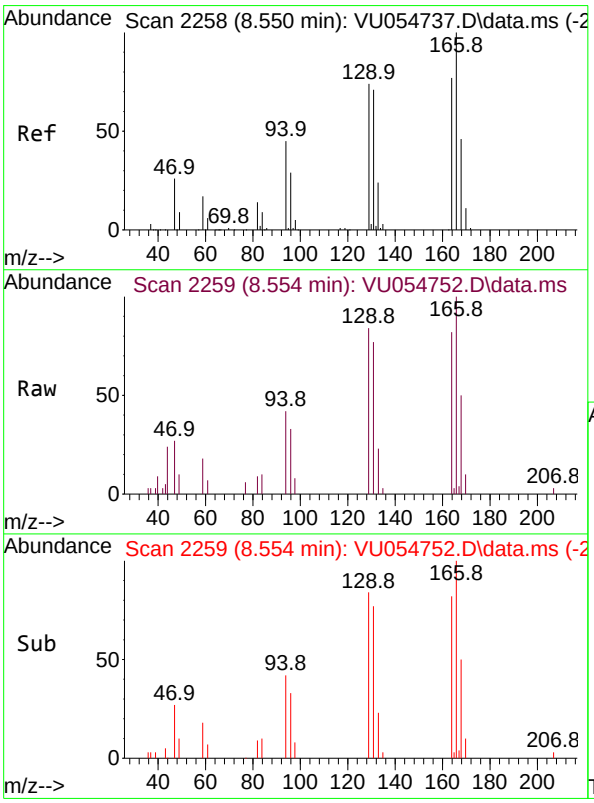
#42
Toluene
Concen: 2.959 ug/L
RT: 7.968 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU054752.D
Acq: 03 Jul 2023 16:29

Instrument :
MSVOA_U
ClientSampleId :
A46R9

Tgt Ion: 91 Resp: 267058

Ion	Ratio	Lower	Upper
91	100		
92	57.4	39.5	73.4

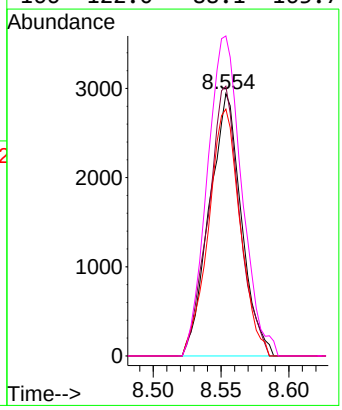


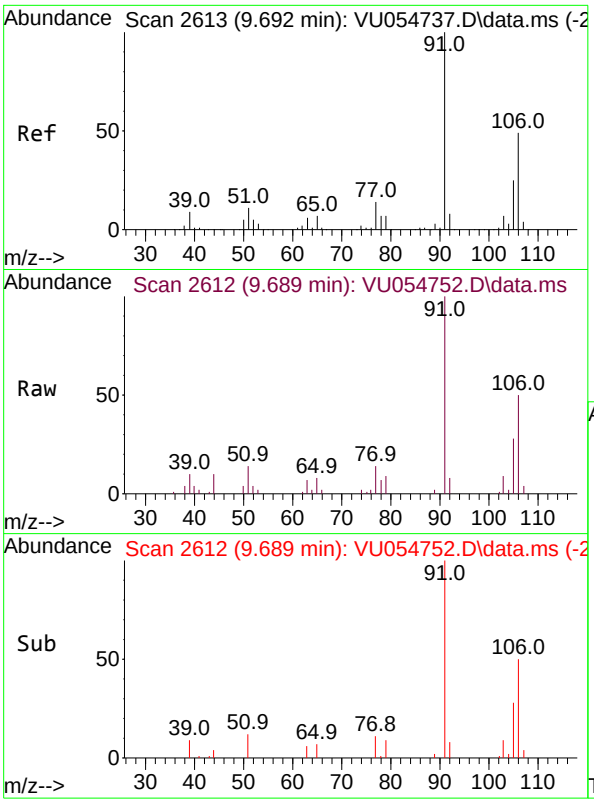


#47
Tetrachloroethene
Concen: 0.273 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU054752.D
Acq: 03 Jul 2023 16:29

Tgt Ion:164 Resp: 4837

Ion	Ratio	Lower	Upper
164	100		
129	102.8	67.7	125.7
131	94.1	64.6	120.0
166	122.0	88.1	163.7



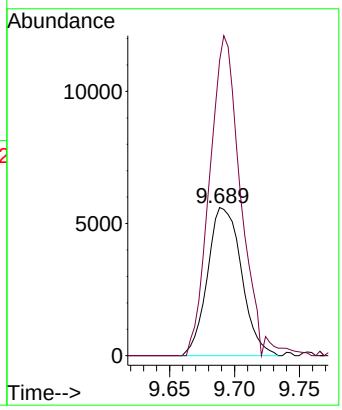


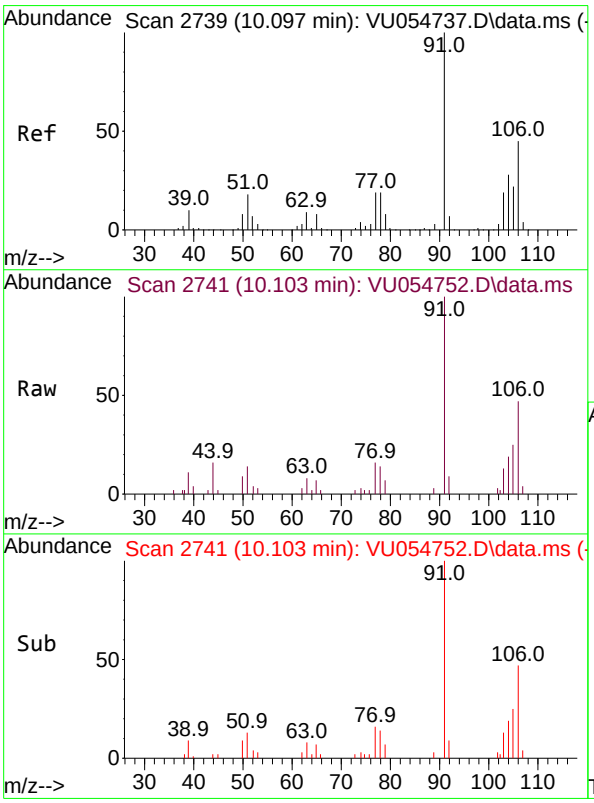
#53
m,p-Xylene
Concen: 0.282 ug/L
RT: 9.689 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU054752.D
Acq: 03 Jul 2023 16:29

Instrument :
MSVOA_U
ClientSampleId :
A46R9

Tgt Ion:106 Resp: 10206

Ion	Ratio	Lower	Upper
106	100		
91	199.3	147.0	273.0





#54
o-Xylene
Concen: 0.161 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.007 min
Lab File: VU054752.D
Acq: 03 Jul 2023 16:29

Tgt Ion:106 Resp: 5635

Ion	Ratio	Lower	Upper
106	100		
91	214.7	154.5	286.9