Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020824\
Data File : VV034065.D
Acq On : 08 Feb 2024 17:44
Operator : SY/MD
Sample : P1400-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG8

Quant Time: Feb 09 00:44:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 09 00:39:09 2024
Response via : Initial Calibration

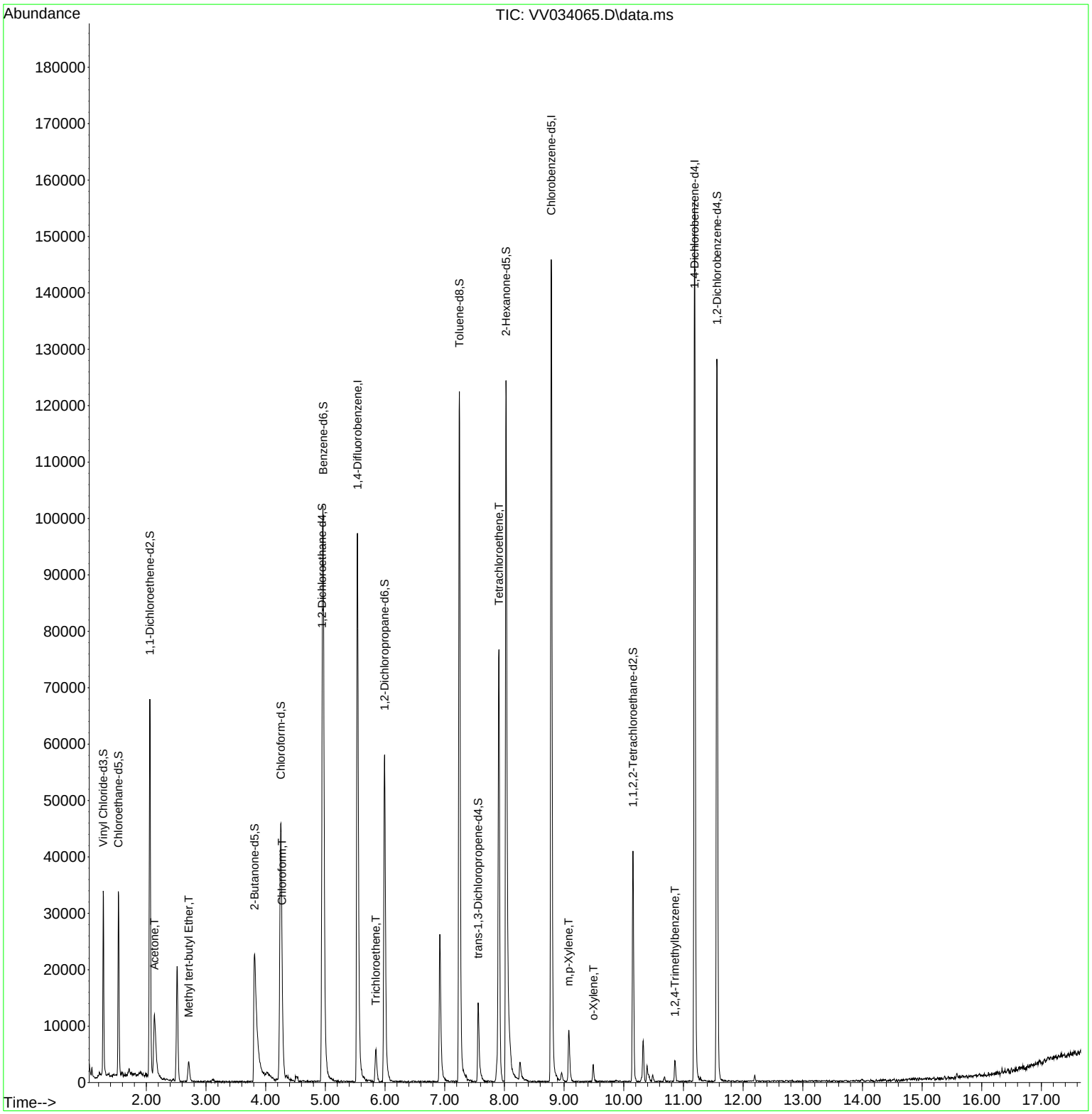
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	83099	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	79647	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	40403	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20253	3.147	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.000%			
7) Chloroethane-d5	1.532	69	20359	3.612	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 72.200%			
11) 1,1-Dichloroethene-d2	2.059	65	11179	3.602	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.000%			
20) 2-Butanone-d5	3.815	46	51350	47.508	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.020%			
24) Chloroform-d	4.256	84	49513	4.234	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.600%			
26) 1,2-Dichloroethane-d4	4.947	65	25012	4.577	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.600%			
32) Benzene-d6	4.963	84	91355	3.823	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.400%			
36) 1,2-Dichloropropane-d6	5.992	67	27403	4.102	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.000%			
41) Toluene-d8	7.246	98	83922	3.821	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.400%			
43) trans-1,3-Dichloroprop...	7.561	79	9522	3.775	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.600%			
46) 2-Hexanone-d5	8.027	63	46287	51.408	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.820%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	19174	4.735	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.600%			
66) 1,2-Dichlorobenzene-d4	11.564	152	31661	4.309	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.200%			
Target Compounds						Qvalue
13) Acetone	2.137	43	20402	24.880	ug/L #	34
17) Methyl tert-butyl Ether	2.712	73	3670	0.308	ug/L #	85
25) Chloroform	4.275	83	2199	0.200	ug/L	95
34) Trichloroethene	5.847	95	1970	0.285	ug/L	87
47) Tetrachloroethene	7.908	164	16600	2.955	ug/L	97
53) m,p-Xylene	9.079	106	2909	0.262	ug/L	95
54) o-Xylene	9.490	106	912	0.085	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	2580	0.105	ug/L	97

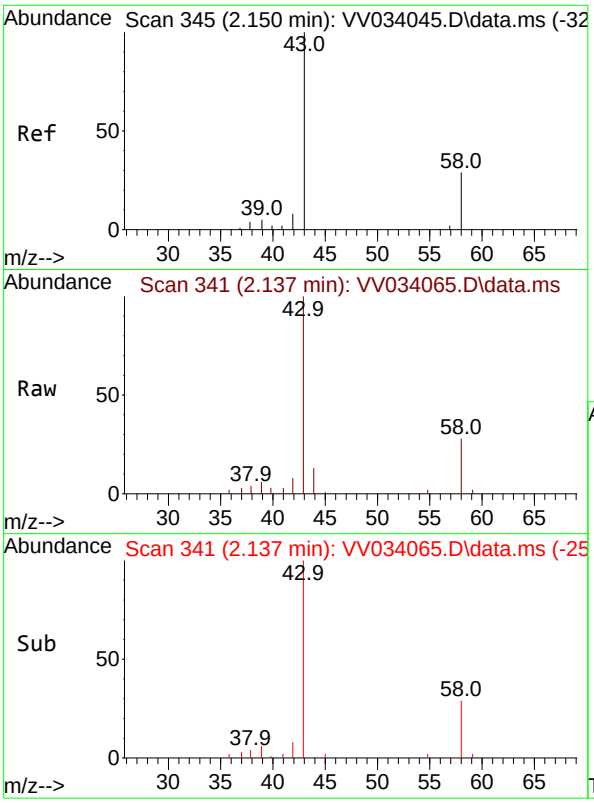
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020824\
Data File : VV034065.D
Acq On : 08 Feb 2024 17:44
Operator : SY/MD
Sample : P1400-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG8

Quant Time: Feb 09 00:44:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 09 00:39:09 2024
Response via : Initial Calibration



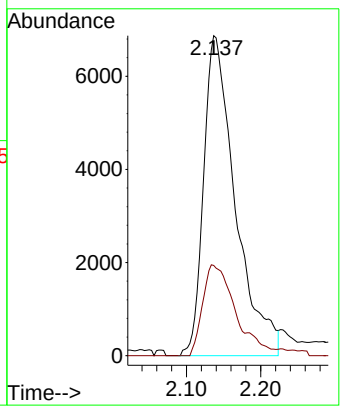


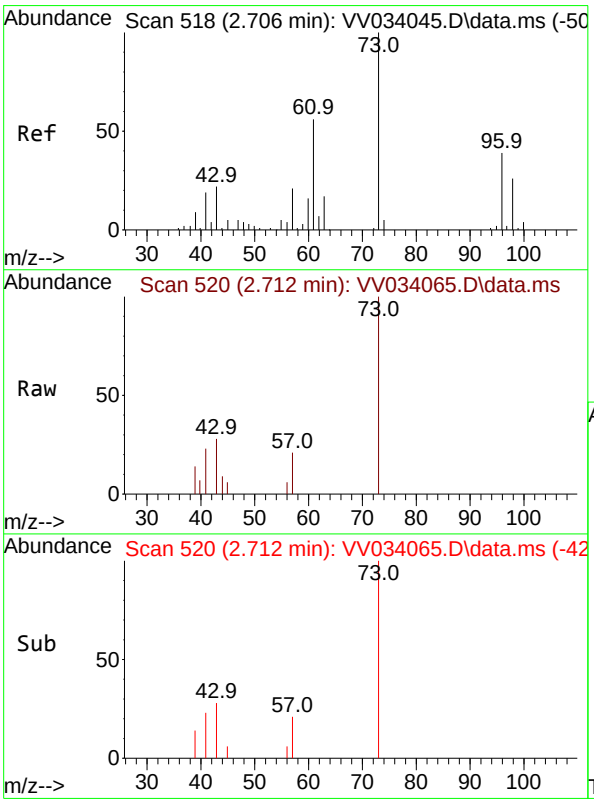
#13
Acetone
Concen: 24.880 ug/L
RT: 2.137 min Scan# 34
Delta R.T. -0.013 min
Lab File: VV034065.D
Acq: 08 Feb 2024 17:44

Instrument :
MSVOA_V
ClientSampleId :
C0AG8

Tgt Ion: 43 Resp: 20402

Ion	Ratio	Lower	Upper
43	100		
58	29.5	0.0	13.8#

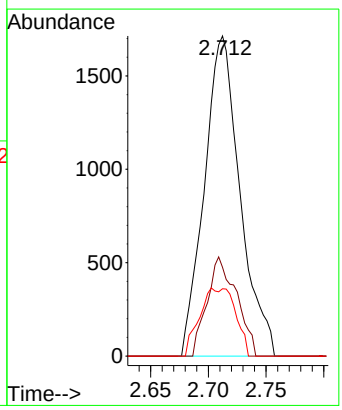


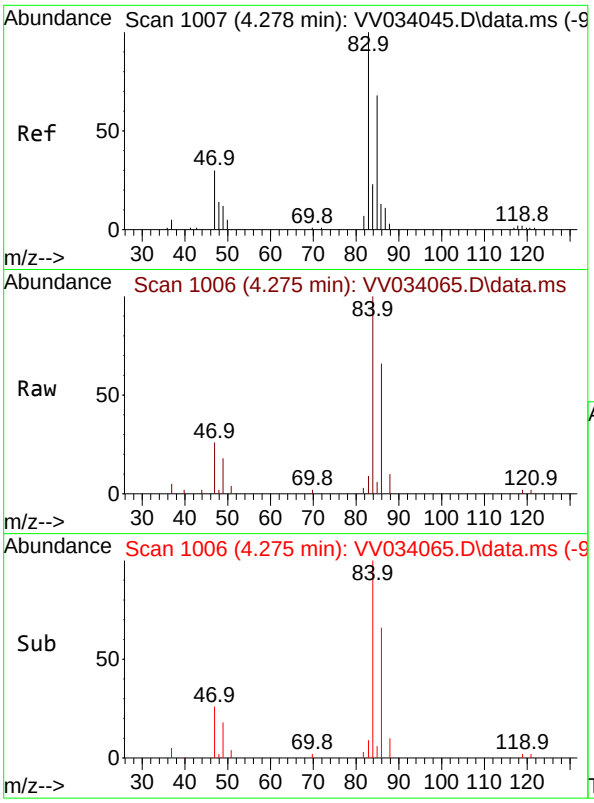


#17
Methyl tert-butyl Ether
Concen: 0.308 ug/L
RT: 2.712 min Scan# 520
Delta R.T. 0.006 min
Lab File: VV034065.D
Acq: 08 Feb 2024 17:44

Tgt Ion: 73 Resp: 3670

Ion	Ratio	Lower	Upper
73	100		
43	25.7	17.7	26.5
57	12.0	17.9	26.9#



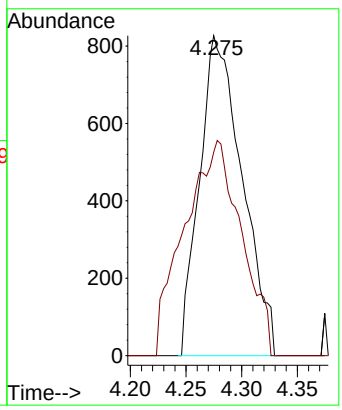


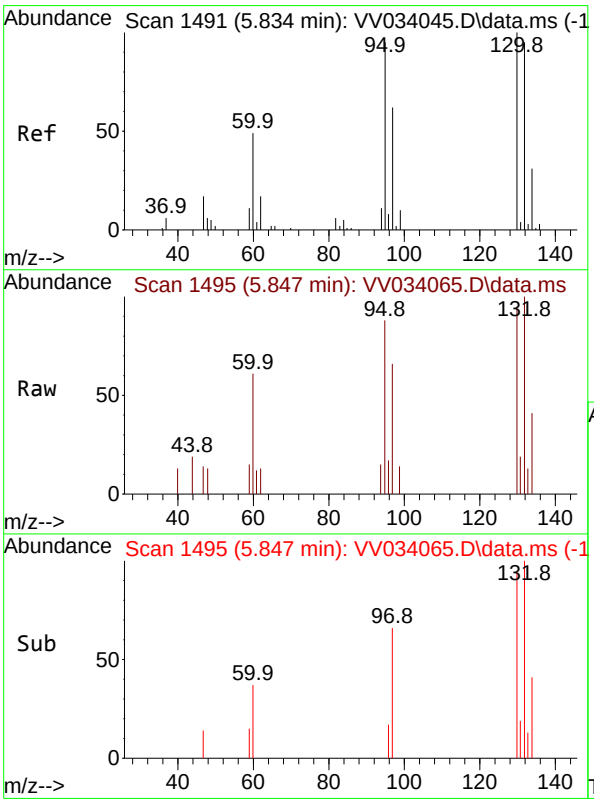
#25
Chloroform
Concen: 0.200 ug/L
RT: 4.275 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV034065.D
Acq: 08 Feb 2024 17:44

Instrument :
MSVOA_V
ClientSampleId :
C0AG8

Tgt Ion: 83 Resp: 2199

Ion	Ratio	Lower	Upper
83	100		
85	63.6	47.5	88.1

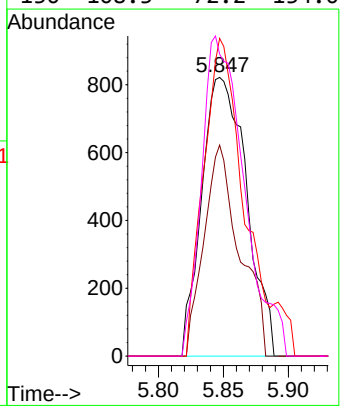


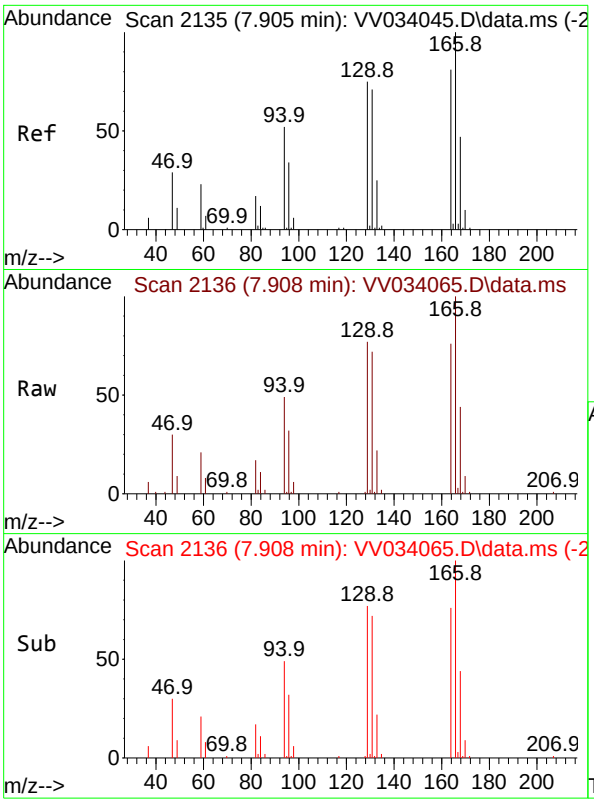


#34
Trichloroethene
Concen: 0.285 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.013 min
Lab File: VV034065.D
Acq: 08 Feb 2024 17:44

Tgt Ion: 95 Resp: 1970

Ion	Ratio	Lower	Upper
95	100		
97	75.7	45.1	83.7
132	114.0	66.0	122.6
130	108.3	72.2	134.0



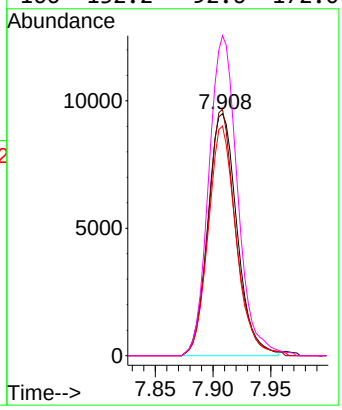


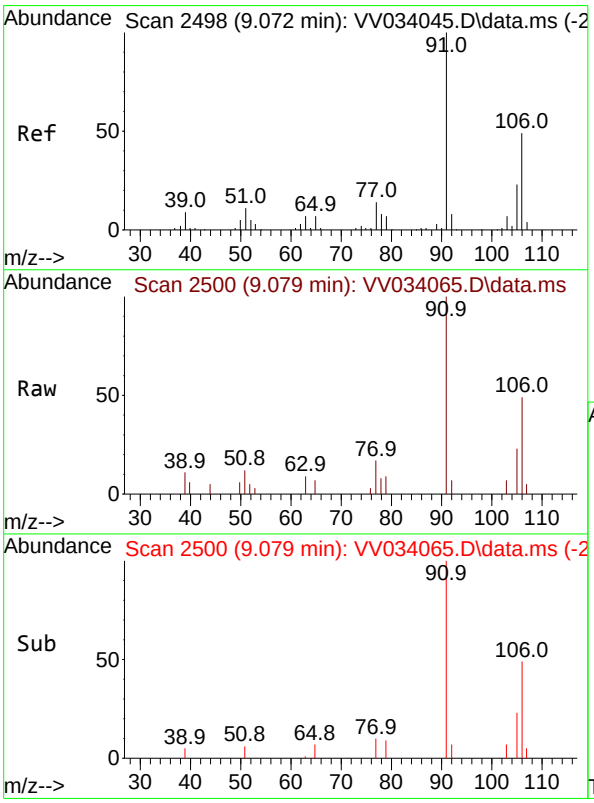
#47
Tetrachloroethene
Concen: 2.955 ug/L
RT: 7.908 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034065.D
Acq: 08 Feb 2024 17:44

Instrument :
MSVOA_V
ClientSampleId :
C0AG8

Tgt Ion:164 Resp: 16600

Ion	Ratio	Lower	Upper
164	100		
129	101.8	67.8	125.8
131	94.9	63.0	117.0
166	132.2	92.6	172.0

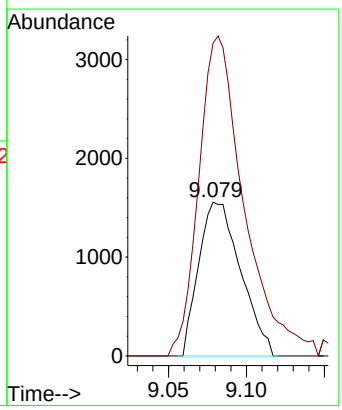


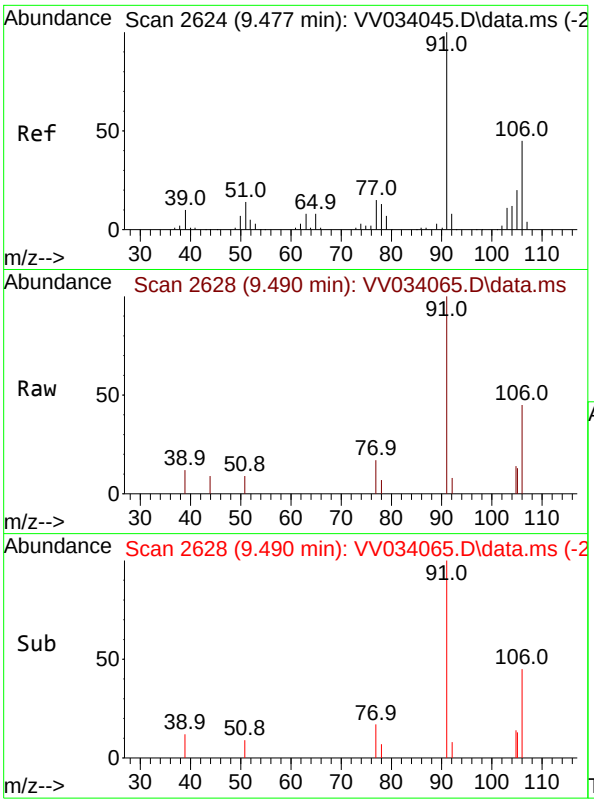


#53
m,p-Xylene
Concen: 0.262 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.006 min
Lab File: VV034065.D
Acq: 08 Feb 2024 17:44

Tgt Ion:106 Resp: 2909

Ion	Ratio	Lower	Upper
106	100		
91	203.4	147.5	273.9



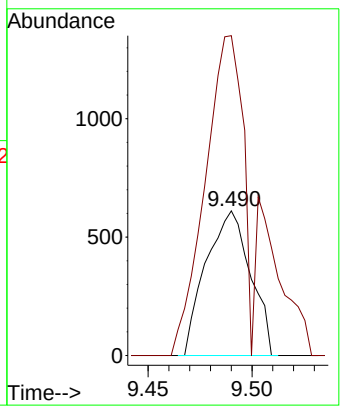


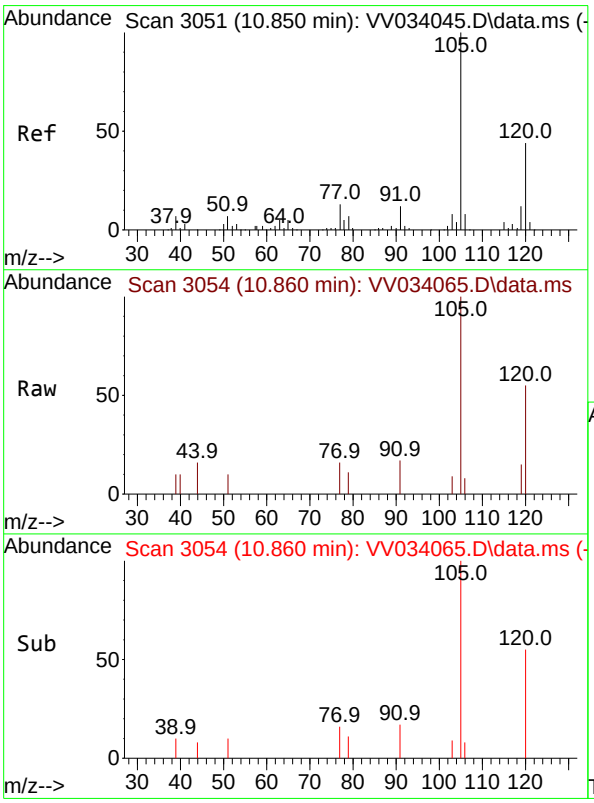
#54
o-Xylene
Concen: 0.085 ug/L
RT: 9.490 min Scan# 2
Delta R.T. 0.013 min
Lab File: VV034065.D
Acq: 08 Feb 2024 17:44

Instrument :
MSVOA_V
ClientSampleId :
C0AG8

Tgt Ion:106 Resp: 912

Ion	Ratio	Lower	Upper
106	100		
91	221.1	156.2	290.0





#63
1,2,4-Trimethylbenzene
Concen: 0.105 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.010 min
Lab File: VV034065.D
Acq: 08 Feb 2024 17:44

Tgt Ion:105 Resp: 2580

Ion	Ratio	Lower	Upper
105	100		
120	47.0	36.2	54.2