Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV013123\
Data File : VV030006.D
Acq On : 31 Jan 2023 11:32
Operator : SY/MD
Sample : 01315-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0B42

Quant Time: Feb 01 00:14:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 01 00:13:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	257954	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	237228	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	120301	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	82366	4.210	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.200%			
7) Chloroethane-d5	1.564	69	77668	4.789	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.800%			
11) 1,1-Dichloroethene-d2	2.101	63	115950	3.251	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.000%			
20) 2-Butanone-d5	3.880	46	160115	46.171	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.340%			
24) Chloroform-d	4.333	84	148817	4.146	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.000%			
26) 1,2-Dichloroethane-d4	5.018	65	66007	4.343	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.800%			
32) Benzene-d6	5.037	84	316137	4.493	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.800%			
36) 1,2-Dichloropropane-d6	6.056	67	99407	4.827	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.600%			
41) Toluene-d8	7.304	98	270469	4.152	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.000%			
43) trans-1,3-Dichloroprop...	7.612	79	31666	4.210	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.200%			
46) 2-Hexanone-d5	8.079	63	148289	48.427	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.860%			
56) 1,1,2,2-Tetrachloroeth...	10.204	84	66445	4.403	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.000%			
66) 1,2-Dichlorobenzene-d4	11.609	152	97077	4.439	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.800%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.111	96	3828	0.174	ug/L #	1
13) Acetone	2.172	43	6334	2.559	ug/L	96
16) Methylene chloride	2.500	84	7781	0.284	ug/L	83
17) Methyl tert-butyl Ether	2.764	73	28664	0.753	ug/L #	84
19) 1,1-Dichloroethane	3.182	63	3447	0.101	ug/L #	95
22) cis-1,2-Dichloroethene	3.899	96	89426	4.099	ug/L	88
33) Benzene	5.092	78	19956	0.254	ug/L	100
34) Trichloroethene	5.902	95	152415	7.668	ug/L	96
37) 1,2-Dichloropropane	6.162	63	10221	0.556	ug/L	98
42) Toluene	7.378	91	408217	4.826	ug/L	100
47) Tetrachloroethene	7.963	164	1050592	62.779	ug/L	98
52) Ethylbenzene	9.005	91	4948	0.056	ug/L	93
53) m,p-Xylene	9.127	106	4774	0.136	ug/L	94
54) o-Xylene	9.535	106	1898	0.057	ug/L	98

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

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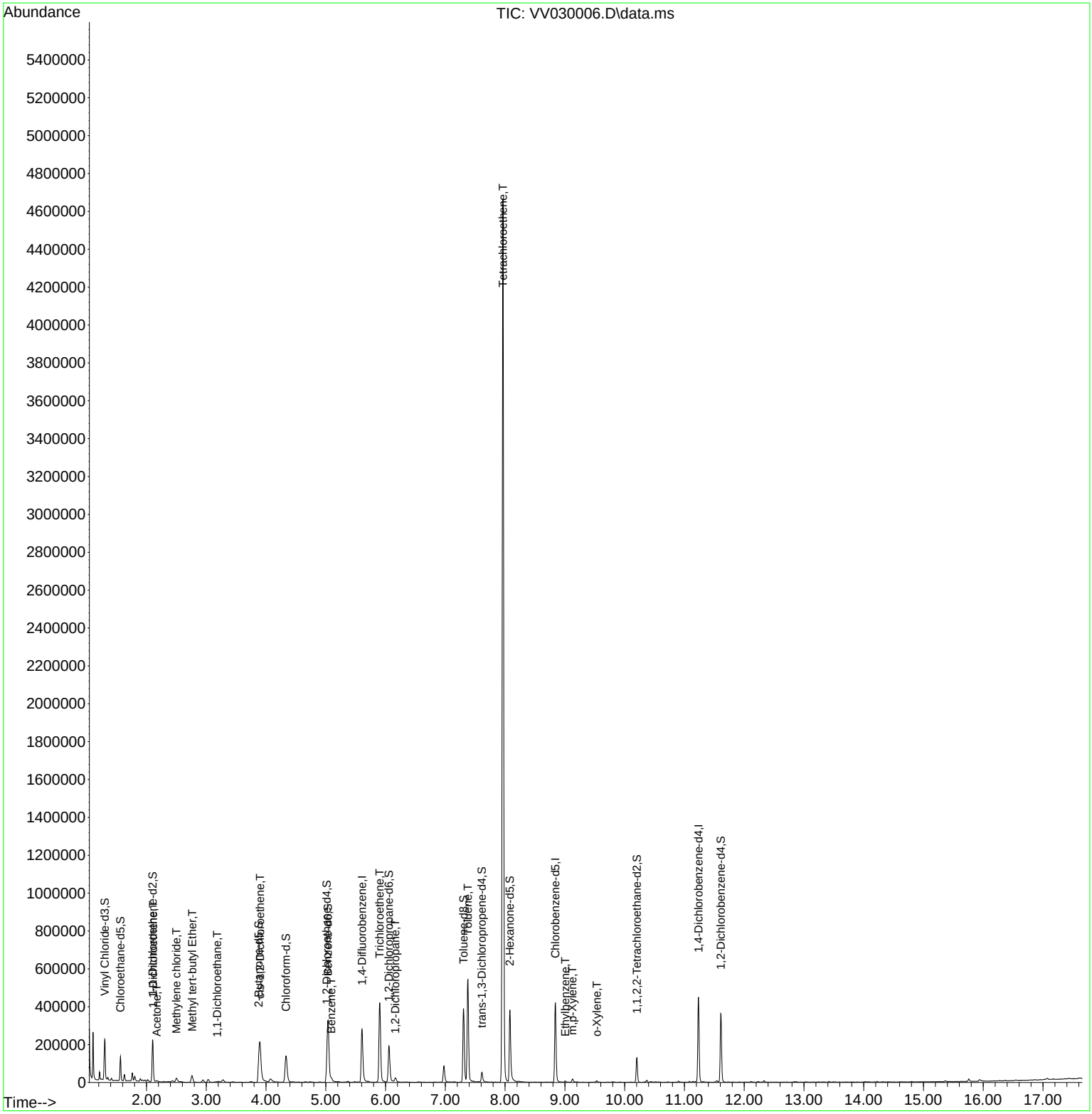
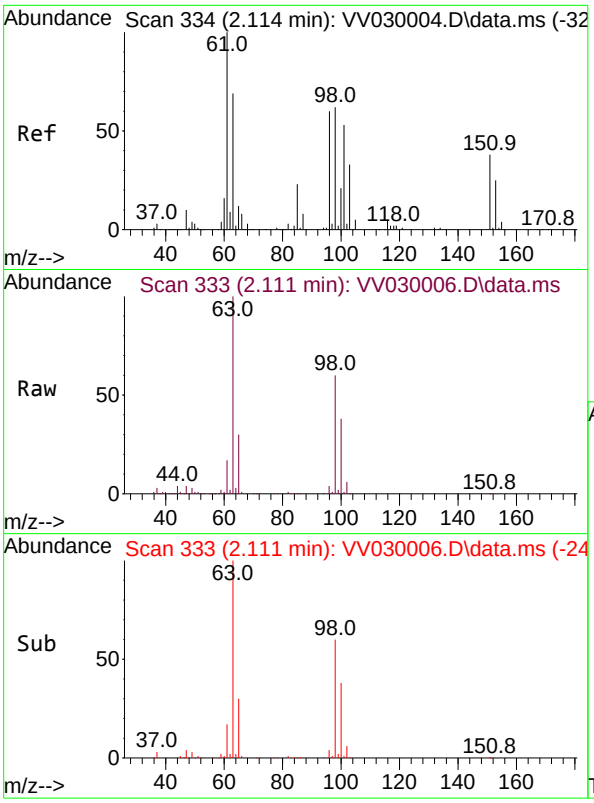
Quant Time: Feb 01 00:14:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 01 00:13:14 2023
Response via : Initial Calibration



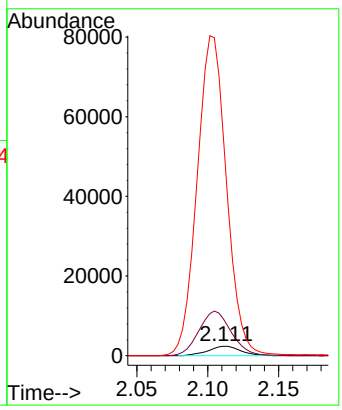


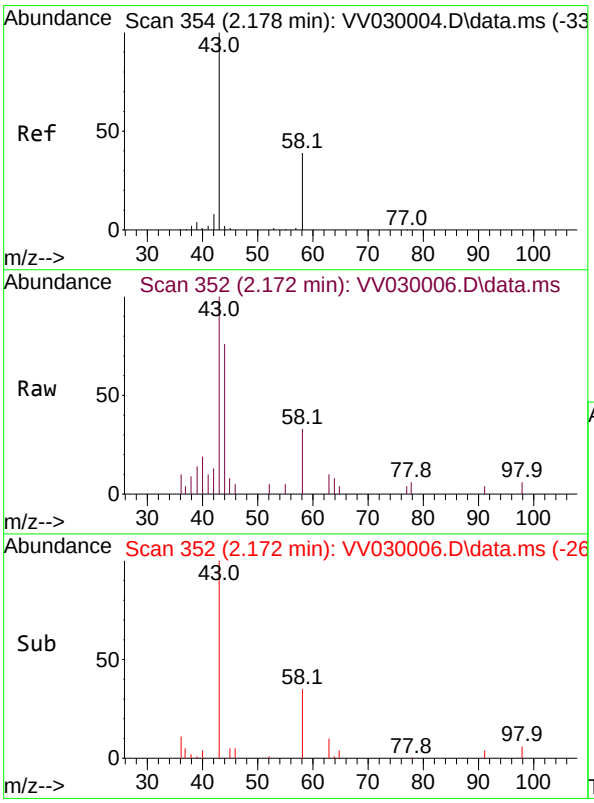
#12
1,1-Dichloroethene
Concen: 0.174 ug/L
RT: 2.111 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV030006.D
Acq: 31 Jan 2023 11:32

Instrument :
MSVOA_V
ClientSampleId :
C0B42

Tgt Ion: 96 Resp: 3828

Ion	Ratio	Lower	Upper
96	100		
61	387.0	106.1	197.1#
63	2290.8	76.4	141.8#

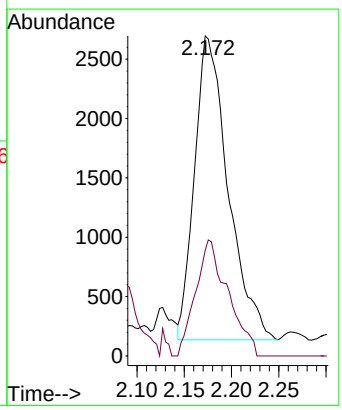


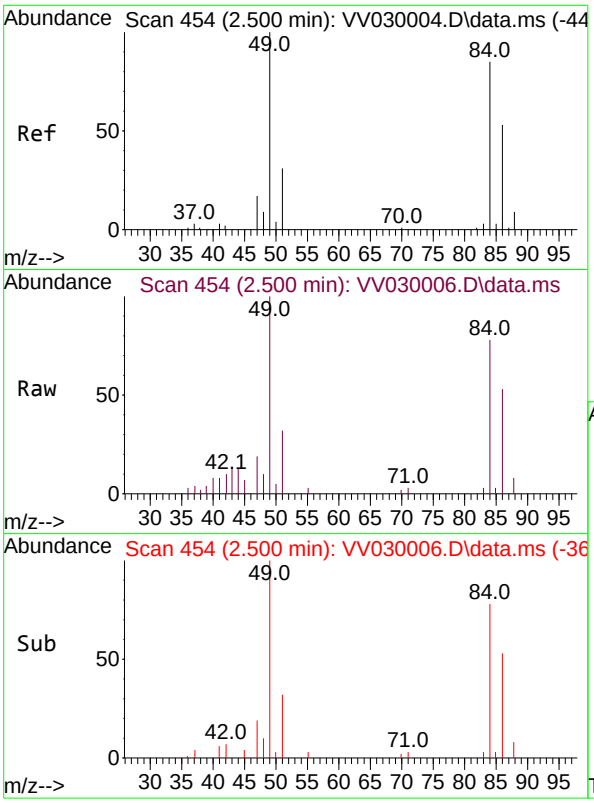


#13
Acetone
Concen: 2.559 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.006 min
Lab File: VV030006.D
Acq: 31 Jan 2023 11:32

Tgt Ion: 43 Resp: 6334

Ion	Ratio	Lower	Upper
43	100		
58	36.8	0.0	68.8



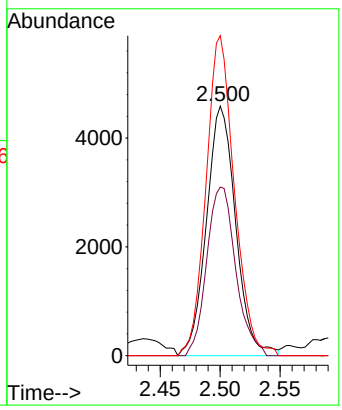


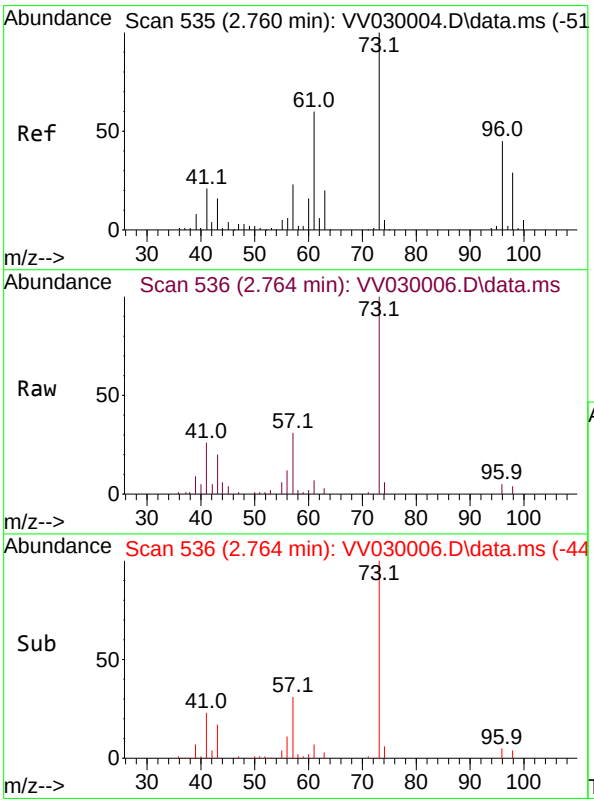
#16
Methylene chloride
Concen: 0.284 ug/L
RT: 2.500 min Scan# 4
Delta R.T. 0.000 min
Lab File: VV030006.D
Acq: 31 Jan 2023 11:32

Instrument :
MSVOA_V
ClientSampleId :
C0B42

Tgt Ion: 84 Resp: 7781

Ion	Ratio	Lower	Upper
84	100		
86	67.6	45.0	83.6
49	128.2	71.5	132.7

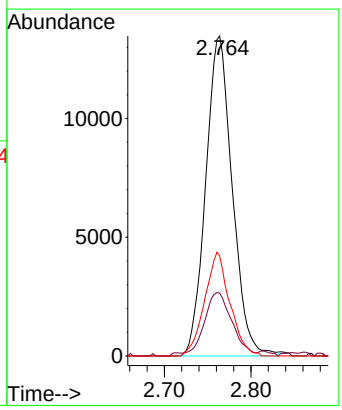


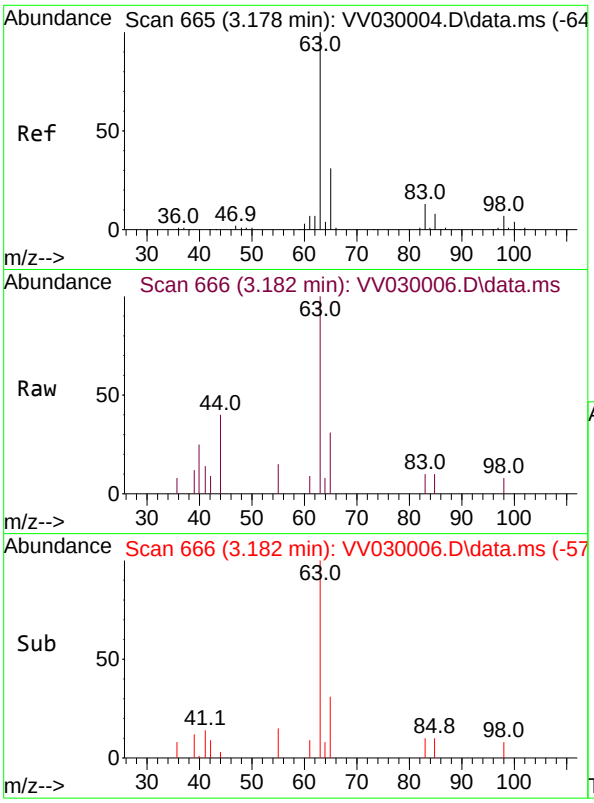


#17
Methyl tert-butyl Ether
Concen: 0.753 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV030006.D
Acq: 31 Jan 2023 11:32

Tgt Ion: 73 Resp: 28664

Ion	Ratio	Lower	Upper
73	100		
43	20.6	13.0	19.4#
57	30.7	17.1	25.7#



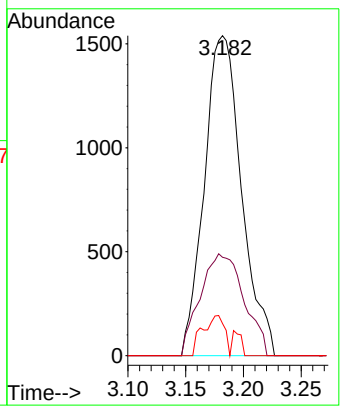


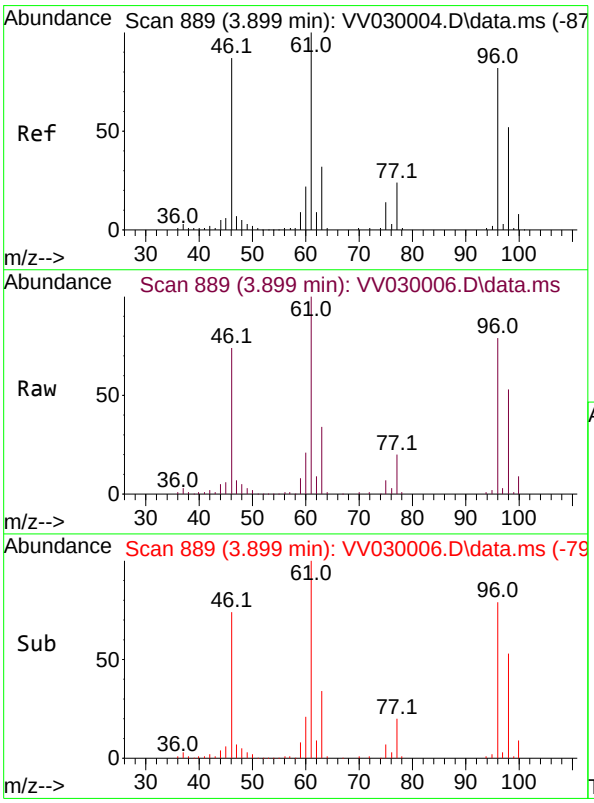
#19
1,1-Dichloroethane
Concen: 0.101 ug/L
RT: 3.182 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV030006.D
Acq: 31 Jan 2023 11:32

Instrument :
MSVOA_V
ClientSampleId :
C0B42

Tgt Ion: 63 Resp: 3447

Ion	Ratio	Lower	Upper
63	100		
65	30.7	22.4	41.6
83	10.1	10.2	19.0#

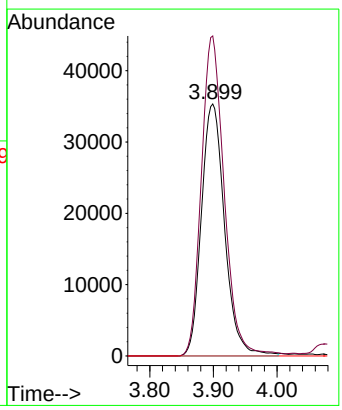


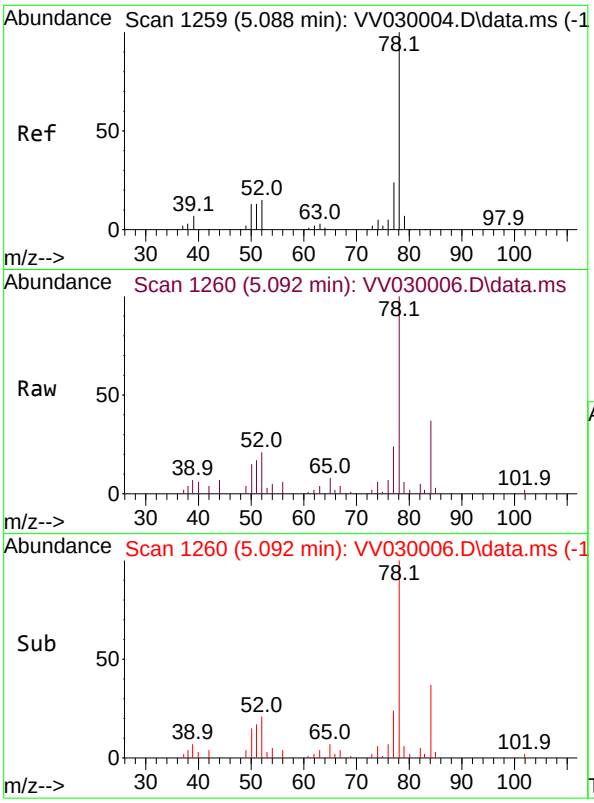


#22
cis-1,2-Dichloroethene
Concen: 4.099 ug/L
RT: 3.899 min Scan# 889
Delta R.T. 0.000 min
Lab File: VV030006.D
Acq: 31 Jan 2023 11:32

Tgt Ion: 96 Resp: 89426

Ion	Ratio	Lower	Upper
96	100		
61	127.0	80.0	148.6
68	0.0	0.0	0.0

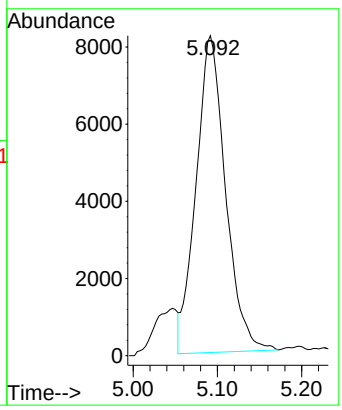


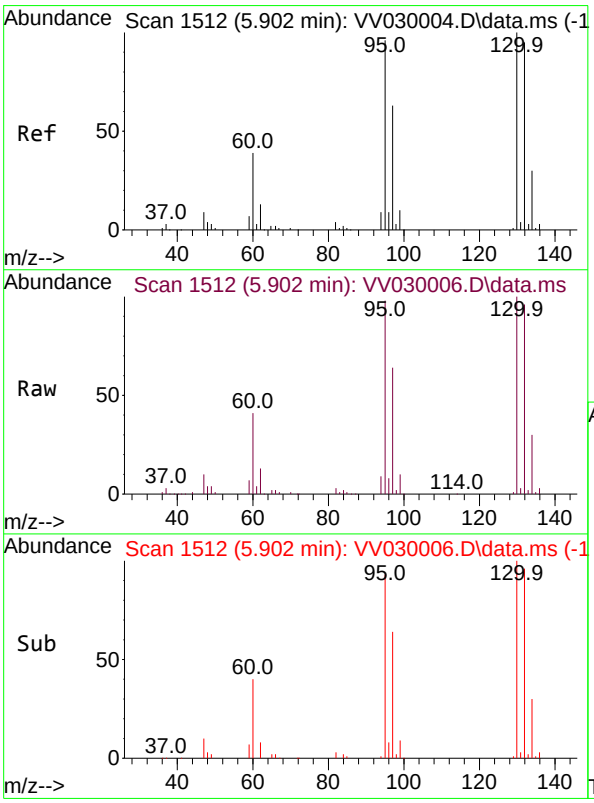


#33
Benzene
Concen: 0.254 ug/L
RT: 5.092 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV030006.D
Acq: 31 Jan 2023 11:32

Instrument :
MSVOA_V
ClientSampleId :
C0B42

Tgt Ion: 78 Resp: 19956

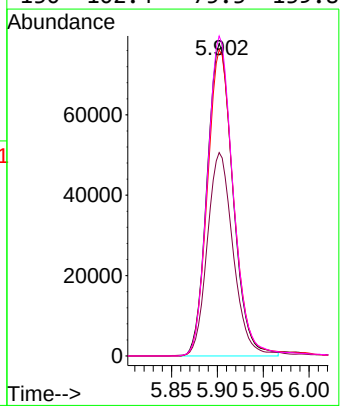


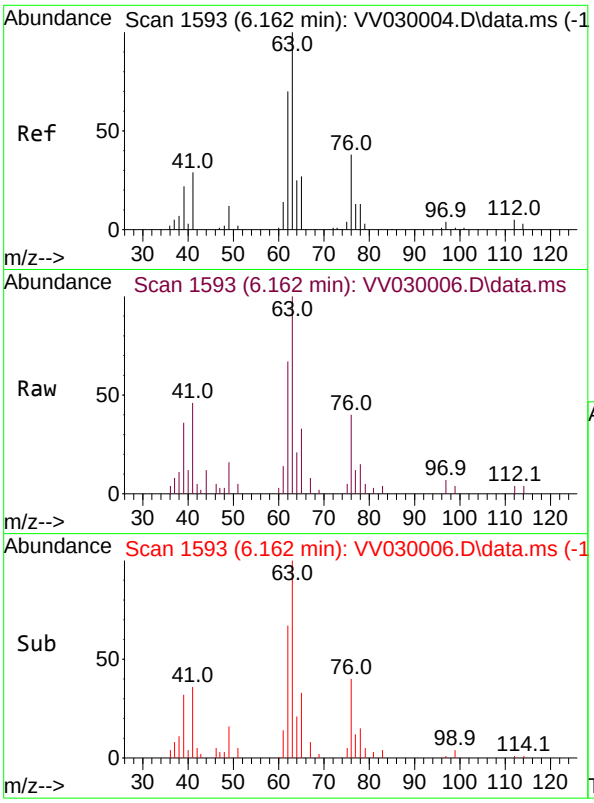


#34
Trichloroethene
Concen: 7.668 ug/L
RT: 5.902 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VV030006.D
Acq: 31 Jan 2023 11:32

Tgt Ion: 95 Resp: 152415

Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.9	83.3
132	98.0	71.8	133.4
130	102.4	75.3	139.8



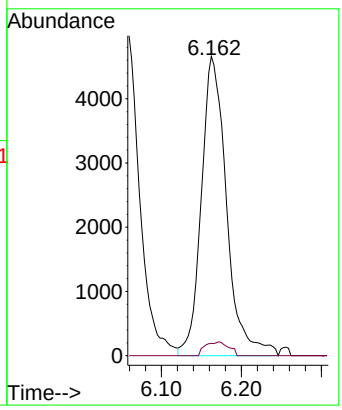


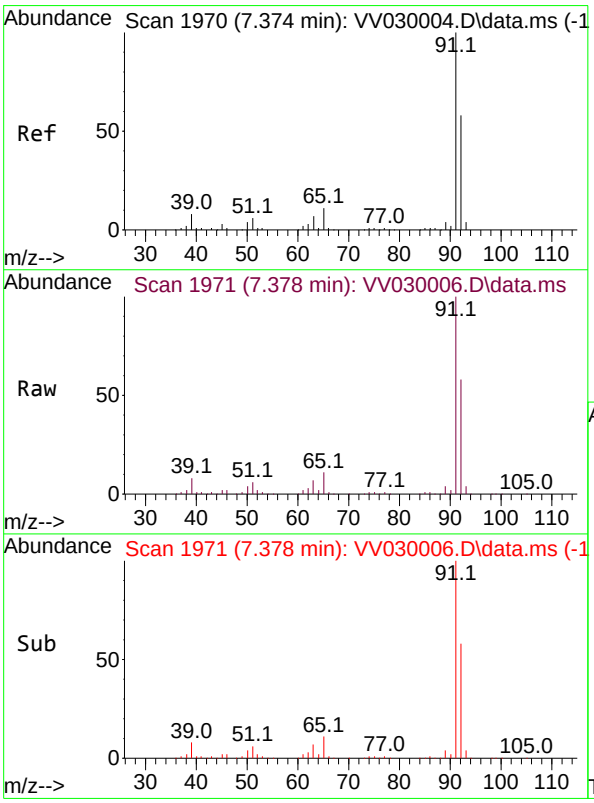
#37
1,2-Dichloropropane
Concen: 0.556 ug/L
RT: 6.162 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV030006.D
Acq: 31 Jan 2023 11:32

Instrument :
MSVOA_V
ClientSampleId :
C0B42

Tgt Ion: 63 Resp: 10221

Ion	Ratio	Lower	Upper
63	100		
112	4.3	3.9	5.9

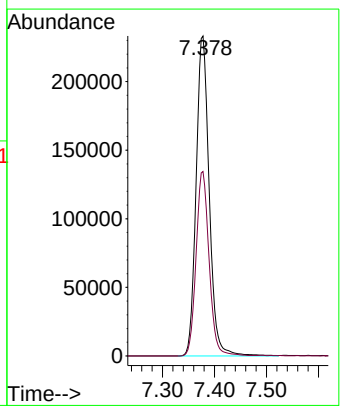


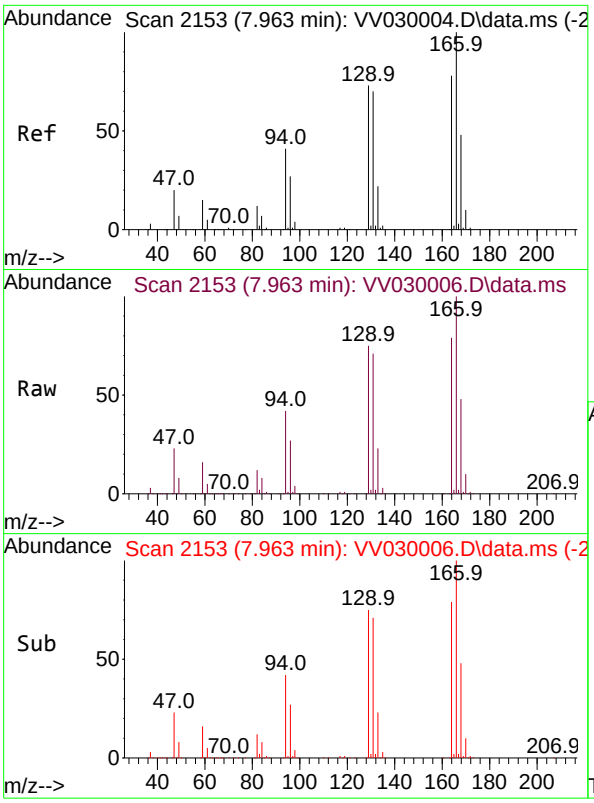


#42
Toluene
Concen: 4.826 ug/L
RT: 7.378 min Scan# 1971
Delta R.T. 0.003 min
Lab File: VV030006.D
Acq: 31 Jan 2023 11:32

Tgt Ion: 91 Resp: 408217

Ion	Ratio	Lower	Upper
91	100		
92	57.6	40.6	75.4



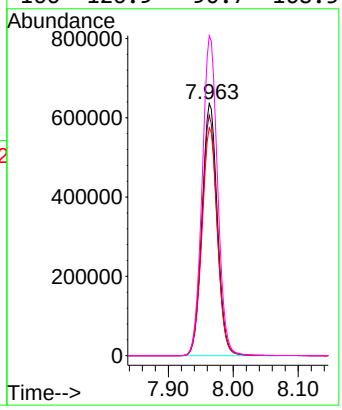


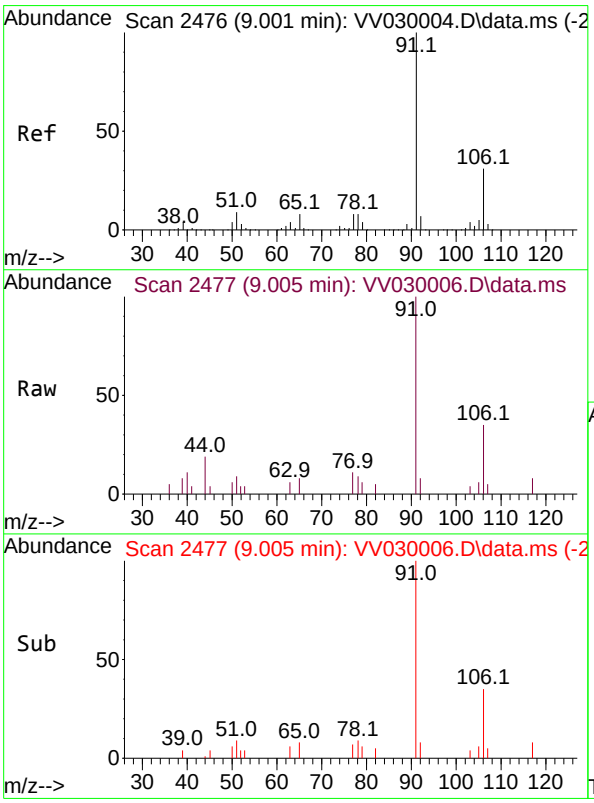
#47
Tetrachloroethene
Concen: 62.779 ug/L
RT: 7.963 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030006.D
Acq: 31 Jan 2023 11:32

Instrument :
MSVOA_V
ClientSampleId :
C0B42

Tgt Ion:164 Resp: 1050592

Ion	Ratio	Lower	Upper
164	100		
129	95.4	64.5	119.7
131	90.4	62.9	116.7
166	126.9	90.7	168.5

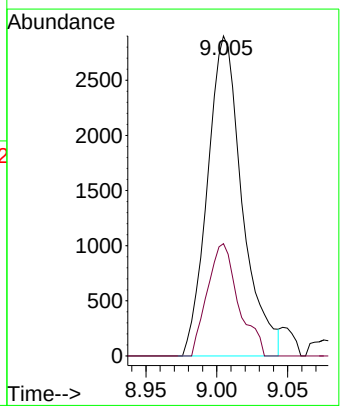


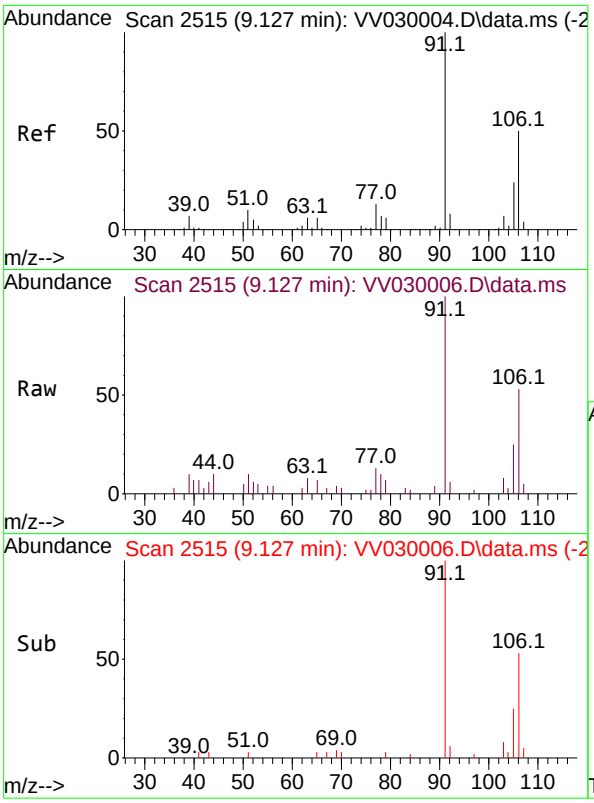


#52
Ethylbenzene
Concen: 0.056 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.003 min
Lab File: VV030006.D
Acq: 31 Jan 2023 11:32

Tgt Ion: 91 Resp: 4948

Ion	Ratio	Lower	Upper
91	100		
106	35.1	21.9	40.7



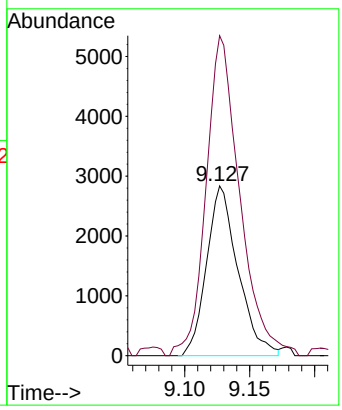


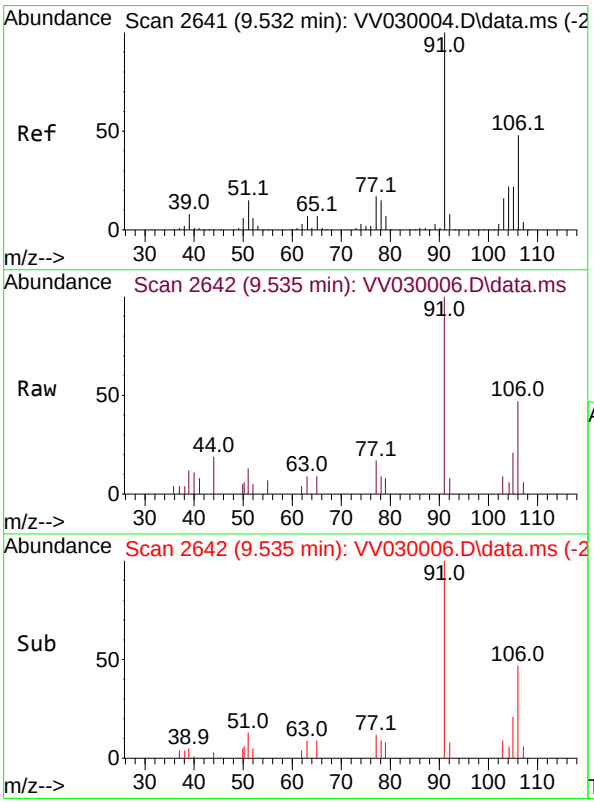
#53
m,p-Xylene
Concen: 0.136 ug/L
RT: 9.127 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV030006.D
Acq: 31 Jan 2023 11:32

Instrument :
MSVOA_V
ClientSampleId :
C0B42

Tgt Ion:106 Resp: 4774

Ion	Ratio	Lower	Upper
106	100		
91	188.5	138.7	257.7





#54
o-Xylene
Concen: 0.057 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV030006.D
Acq: 31 Jan 2023 11:32

Tgt Ion:106 Resp: 1898

Ion	Ratio	Lower	Upper
106	100		
91	213.6	147.7	274.3