Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023726.D
Acq On : 26 Nov 2021 15:23
Operator : SY/MD
Sample : M4821-04DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 27 03:54:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 27 03:48:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132080	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	127401	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60691	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	34359	3.169	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.400%			
7) Chloroethane-d5	1.568	69	30882	3.623	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 72.400%			
11) 1,1-Dichloroethene-d2	2.108	63	48625	2.545	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 50.800%#			
20) 2-Butanone-d5	3.889	46	86249	66.169	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 132.340%#			
24) Chloroform-d	4.349	84	79105	4.190	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.800%			
26) 1,2-Dichloroethane-d4	5.037	65	39916	4.525	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.600%			
32) Benzene-d6	5.053	84	141282	4.071	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.400%			
36) 1,2-Dichloropropane-d6	6.072	67	44442	4.568	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.400%			
41) Toluene-d8	7.317	98	119030	3.671	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.400%			
43) trans-1,3-Dichloroprop...	7.625	79	15803	4.030	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.600%			
46) 2-Hexanone-d5	8.088	63	66847	51.302	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.600%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32421	4.631	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.600%			
66) 1,2-Dichlorobenzene-d4	11.625	152	51270	4.778	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	9777	0.855	ug/L	89
6) Bromomethane	1.523	94	447	0.069	ug/L	91
8) Chloroethane	1.311	64	3419	0.472	ug/L	87
12) 1,1-Dichloroethene	2.114	96	565	0.064	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	107687	5.938	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	14731	1.462	ug/L	96
19) 1,1-Dichloroethane	3.191	63	3831	0.226	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	83923	8.682	ug/L	98
27) 1,2-Dichloroethane	5.050	62	968	0.096	ug/L #	73
34) Trichloroethene	5.915	95	21357	2.195	ug/L	95
35) Methylcyclohexane	6.069	83	10905	0.719	ug/L #	19
37) 1,2-Dichloropropane	6.063	63	5227	0.605	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1386	0.113	ug/L #	28
48) 2-Hexanone	8.137	43	2905	0.954	ug/L #	47
61) 1,2,3-Trichloropropane	11.249	75	6009	1.396	ug/L #	63

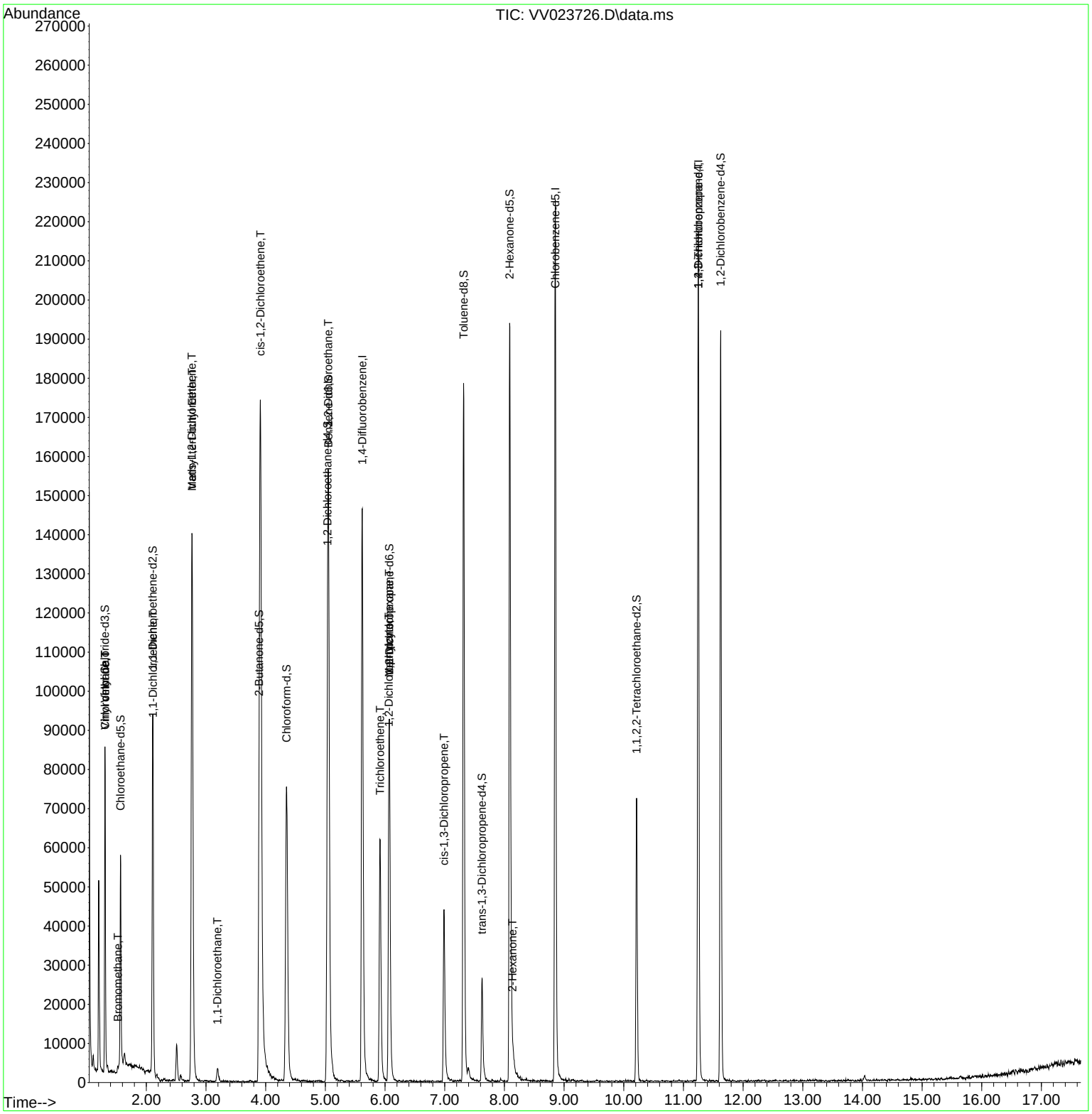
(#) = qualifier out of range (m) = manual integration (+) = signals summed

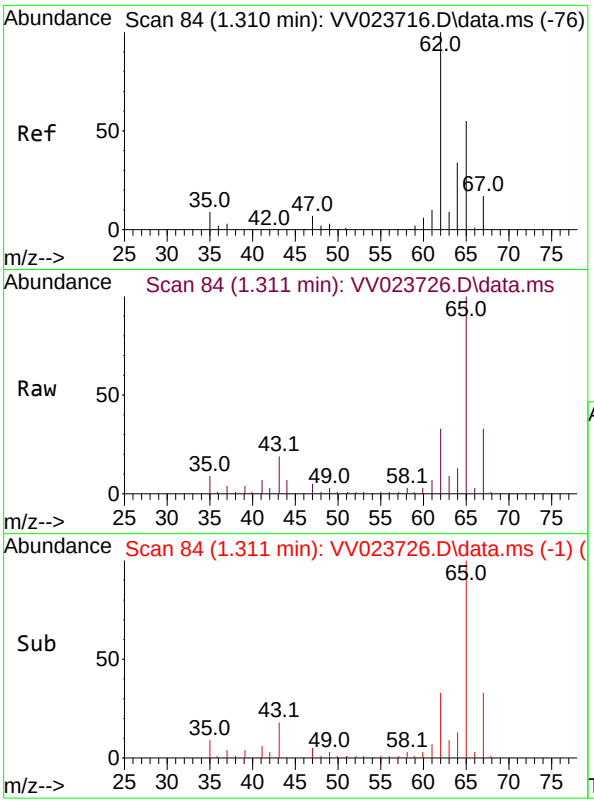
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023726.D
Acq On : 26 Nov 2021 15:23
Operator : SY/MD
Sample : M4821-04DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 27 03:54:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 27 03:48:32 2021
Response via : Initial Calibration



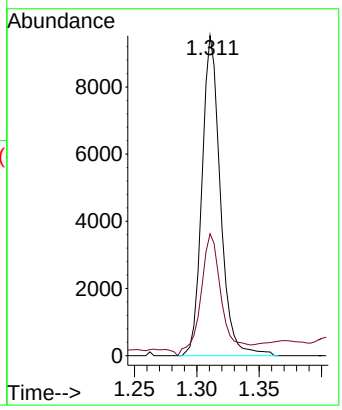


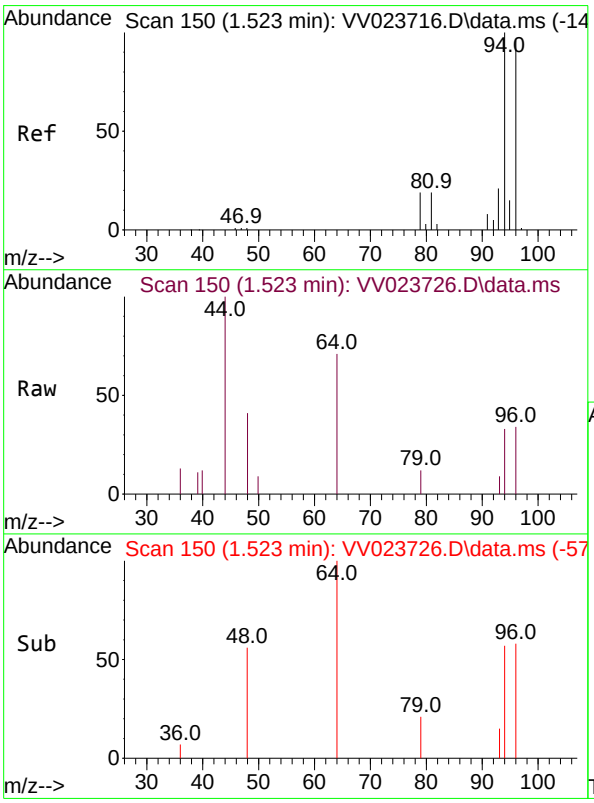
#5
Vinyl chloride
Concen: 0.855 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV023726.D
Acq: 26 Nov 2021 15:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 9777

Ion	Ratio	Lower	Upper
62	100		
64	38.1	22.4	41.6

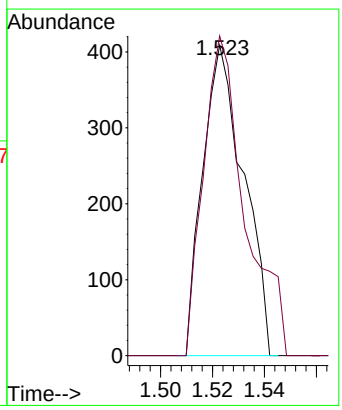


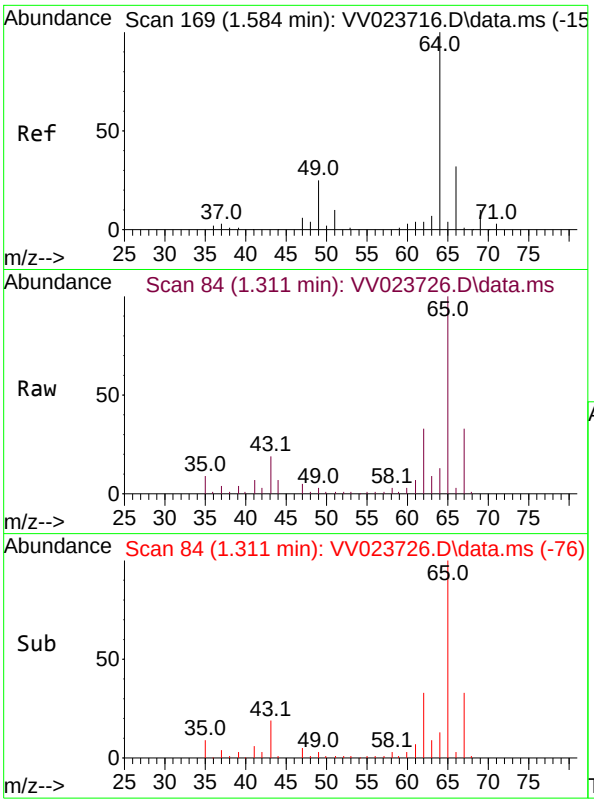


#6
Bromomethane
Concen: 0.069 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV023726.D
Acq: 26 Nov 2021 15:23

Tgt Ion: 94 Resp: 447

Ion	Ratio	Lower	Upper
94	100		
96	102.9	66.2	123.0



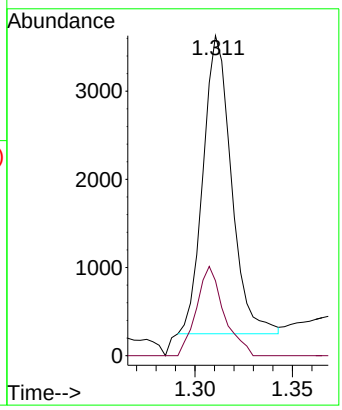


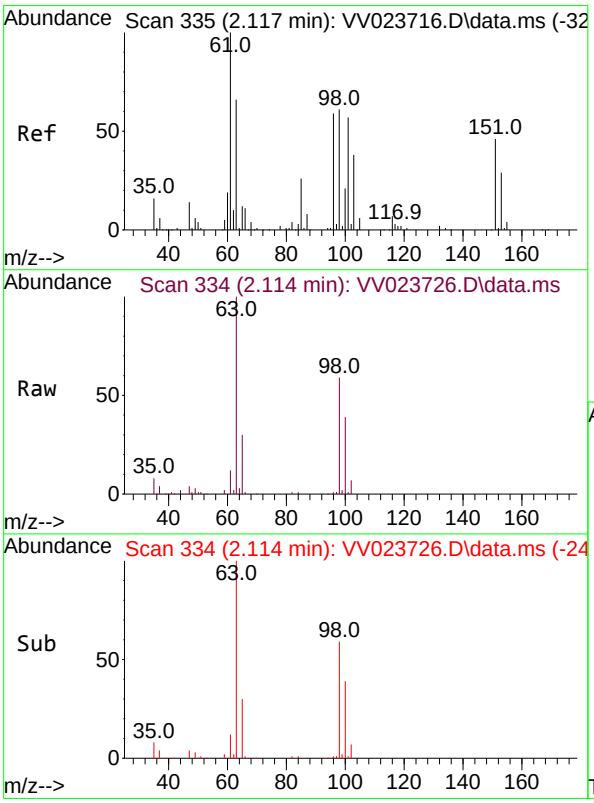
#8
Chloroethane
Concen: 0.472 ug/L
RT: 1.311 min Scan# 8
Delta R.T. -0.273 min
Lab File: VV023726.D
Acq: 26 Nov 2021 15:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 3419

Ion	Ratio	Lower	Upper
64	100		
66	23.4	21.4	39.8

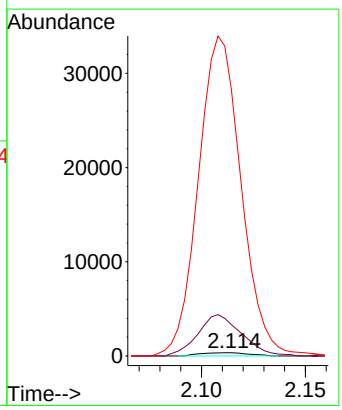


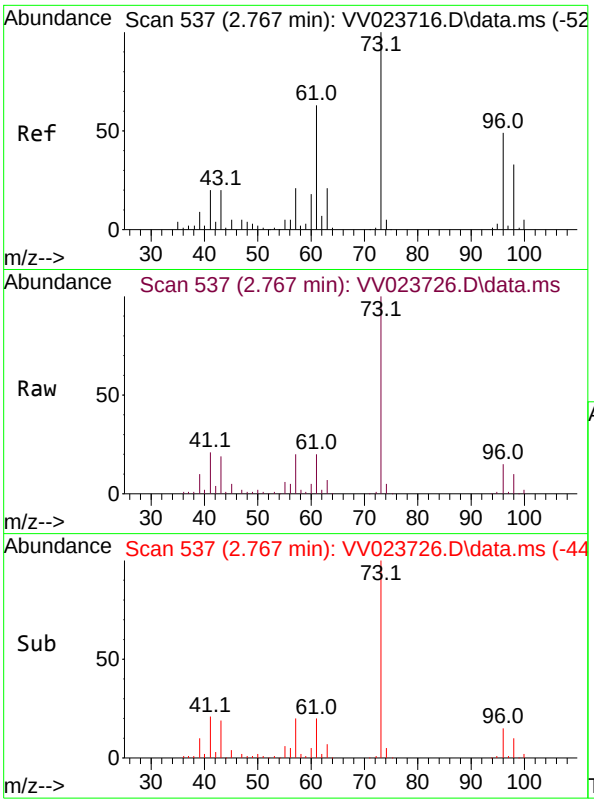


#12
1,1-Dichloroethene
Concen: 0.064 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023726.D
Acq: 26 Nov 2021 15:23

Tgt Ion: 96 Resp: 565

Ion	Ratio	Lower	Upper
96	100		
61	970.3	116.1	215.5#
63	8265.9	79.4	147.4#



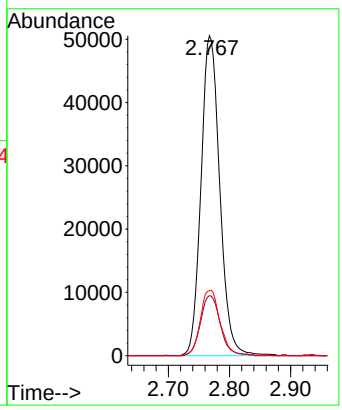


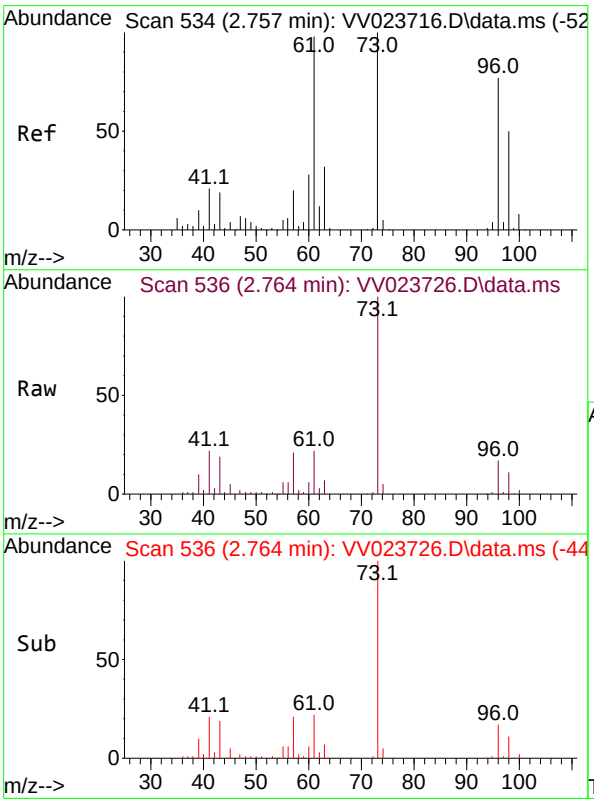
#17
Methyl tert-butyl Ether
Concen: 5.938 ug/L
RT: 2.767 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV023726.D
Acq: 26 Nov 2021 15:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 107687

Ion	Ratio	Lower	Upper
73	100		
43	19.9	15.5	23.3
57	21.5	17.1	25.7

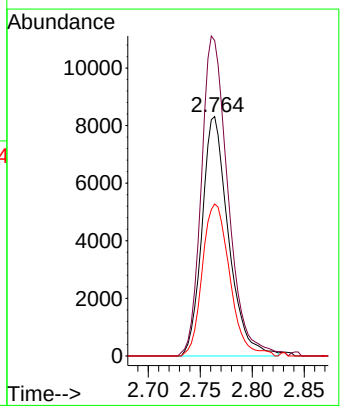


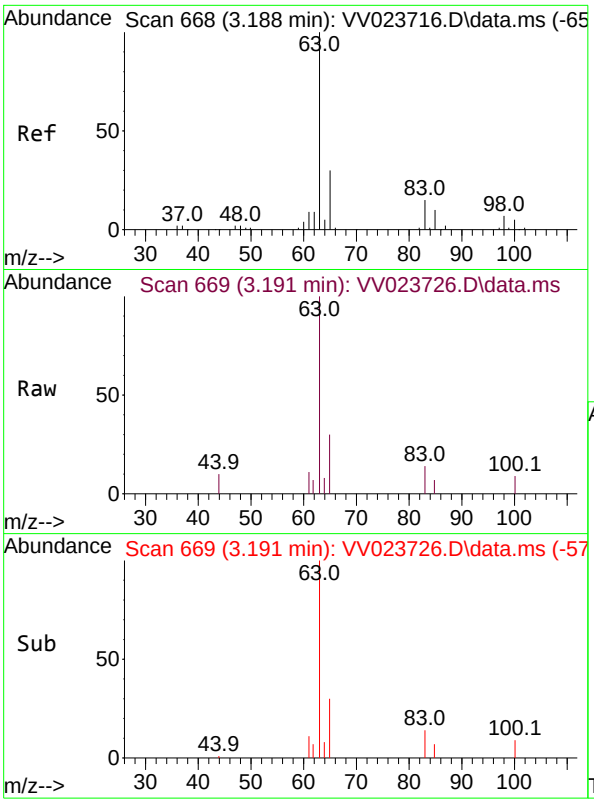


#18
trans-1,2-Dichloroethene
Concen: 1.462 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.007 min
Lab File: VV023726.D
Acq: 26 Nov 2021 15:23

Tgt Ion: 96 Resp: 14731

Ion	Ratio	Lower	Upper
96	100		
61	131.7	88.2	163.8
98	63.5	44.9	83.5



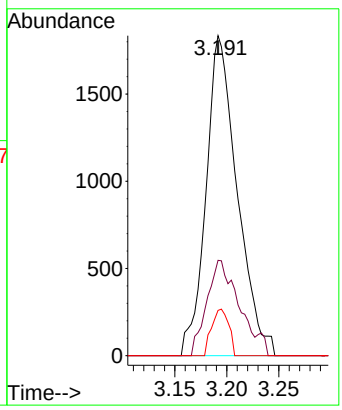


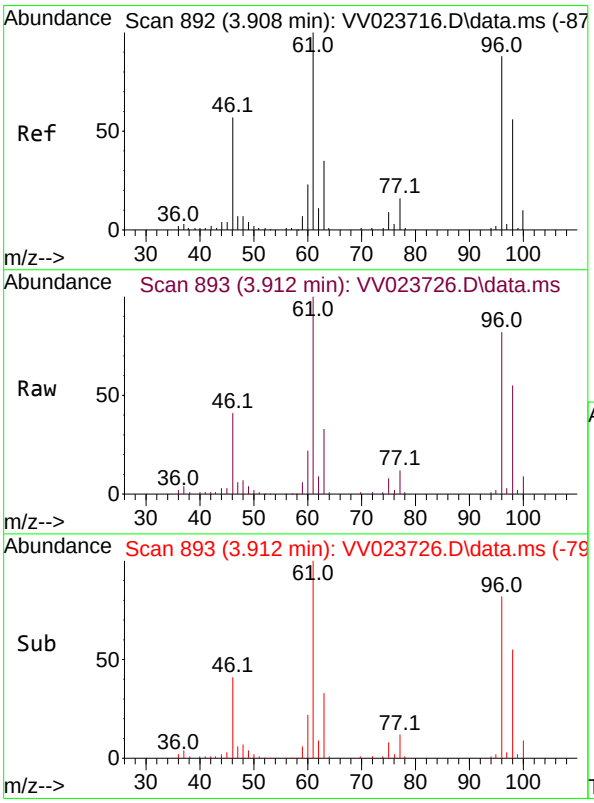
#19
1,1-Dichloroethane
Concen: 0.226 ug/L
RT: 3.191 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV023726.D
Acq: 26 Nov 2021 15:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 3831

Ion	Ratio	Lower	Upper
63	100		
65	29.8	22.3	41.3
83	14.2	10.7	19.9

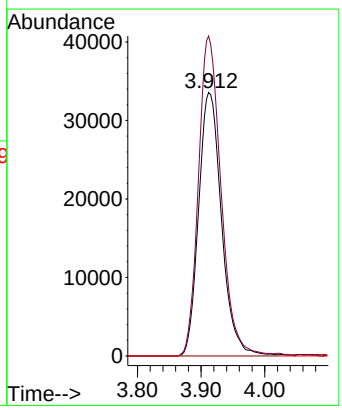


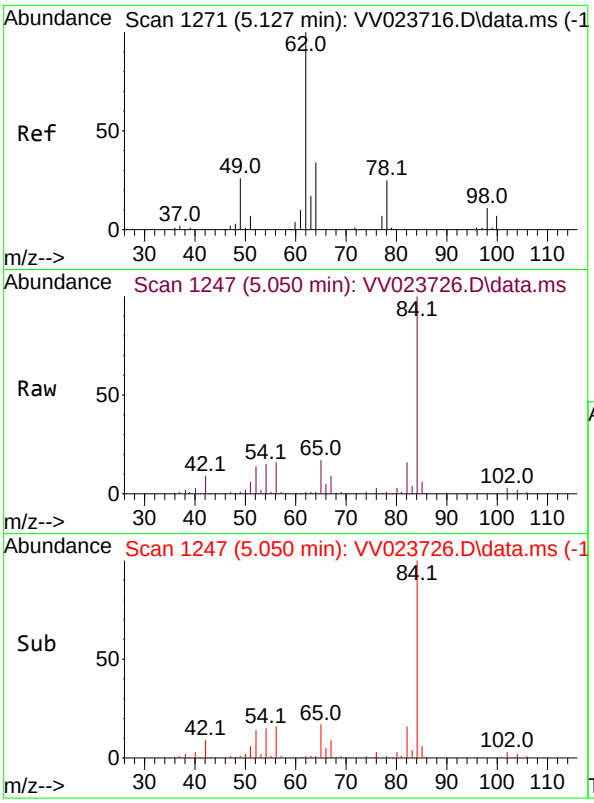


#22
cis-1,2-Dichloroethene
Concen: 8.682 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV023726.D
Acq: 26 Nov 2021 15:23

Tgt Ion: 96 Resp: 83923

Ion	Ratio	Lower	Upper
96	100		
61	121.4	83.4	154.8
68	0.0	0.0	0.0



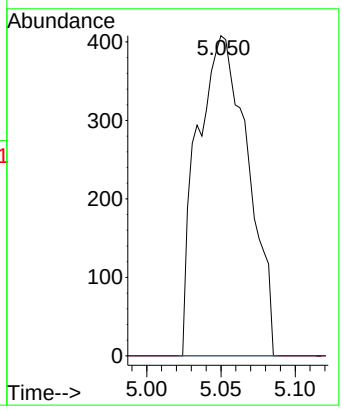


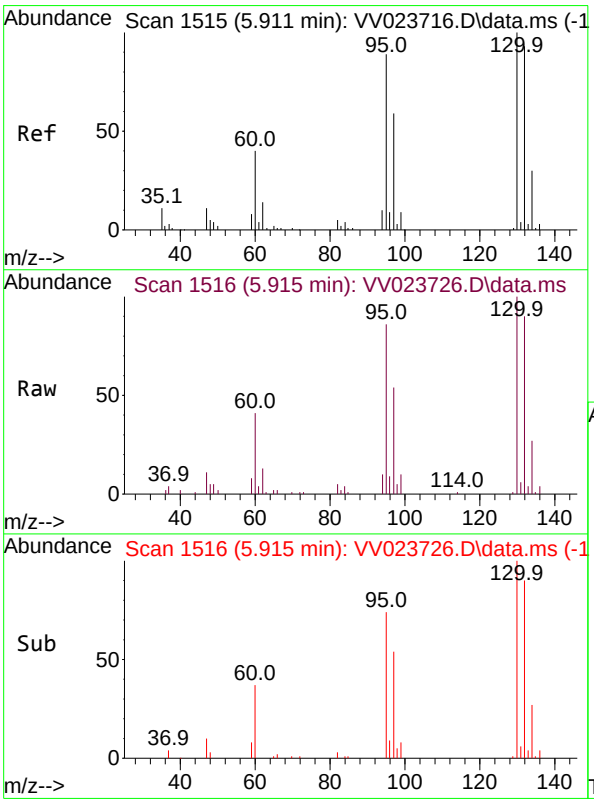
#27
1,2-Dichloroethane
Concen: 0.096 ug/L
RT: 5.050 min Scan# 1
Delta R.T. -0.077 min
Lab File: VV023726.D
Acq: 26 Nov 2021 15:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 968

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.1	12.1#

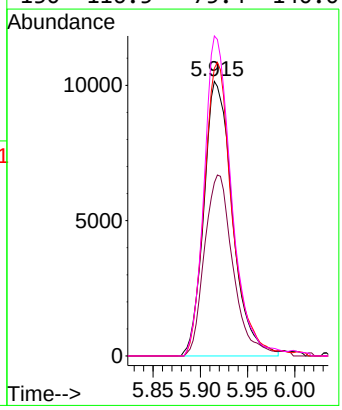


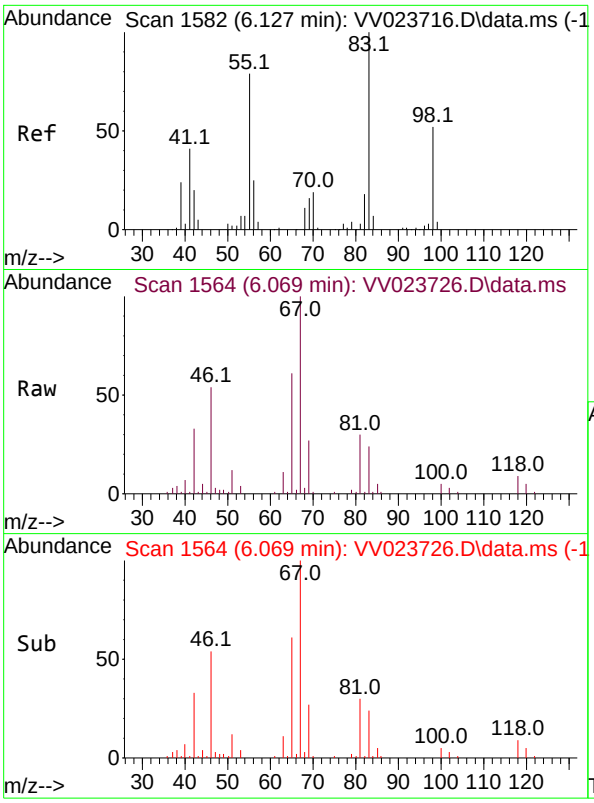


#34
Trichloroethene
Concen: 2.195 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023726.D
Acq: 26 Nov 2021 15:23

Tgt Ion: 95 Resp: 21357

Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.2	84.0
132	104.7	76.1	141.3
130	116.5	75.4	140.0



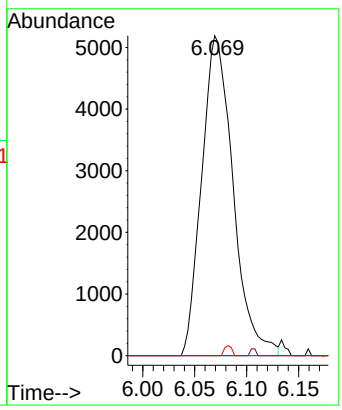


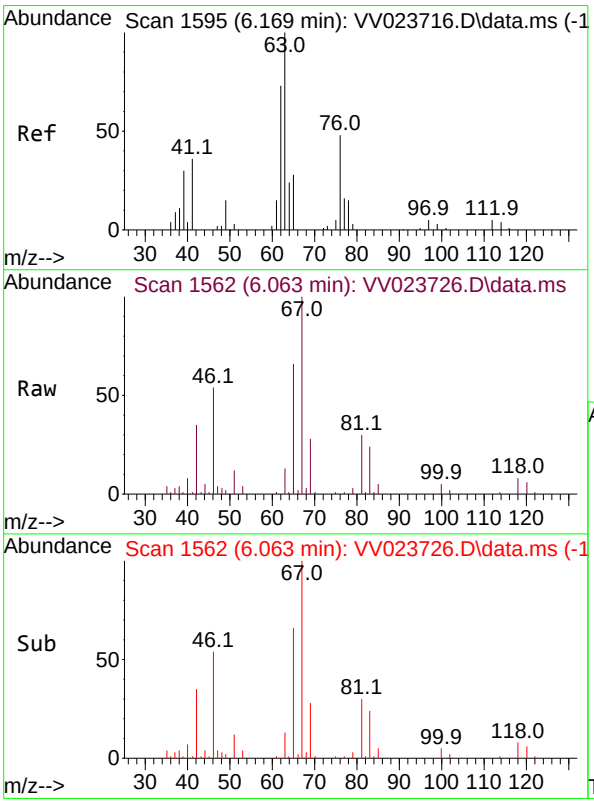
#35
Methylcyclohexane
Concen: 0.719 ug/L
RT: 6.069 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV023726.D
Acq: 26 Nov 2021 15:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 10905

Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.2	90.2#
98	0.7	41.0	61.4#

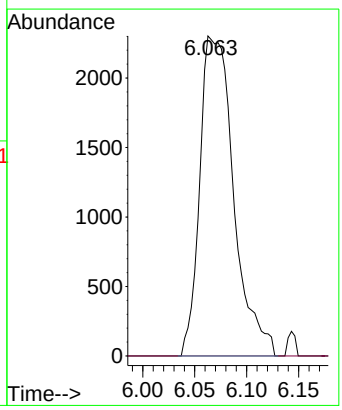


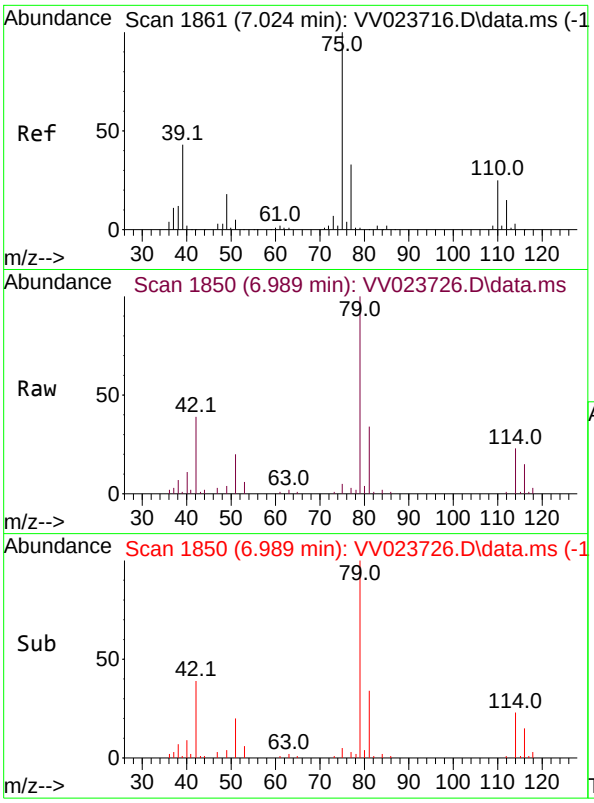


#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.106 min
Lab File: VV023726.D
Acq: 26 Nov 2021 15:23

Tgt Ion: 63 Resp: 5227

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#



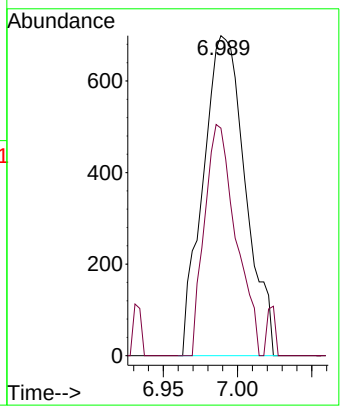


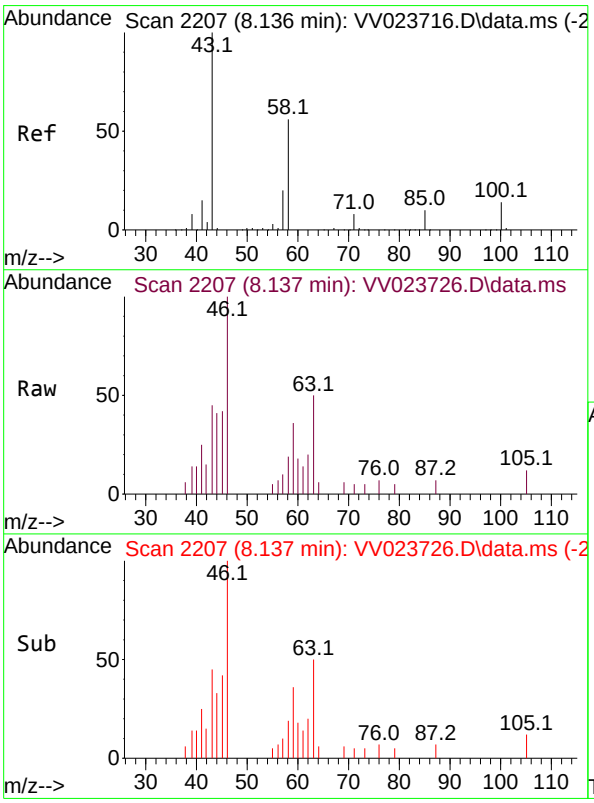
#39
cis-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 6.989 min Scan# 1
Delta R.T. -0.035 min
Lab File: VV023726.D
Acq: 26 Nov 2021 15:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1386

Ion	Ratio	Lower	Upper
75	100		
77	71.1	22.0	41.0#

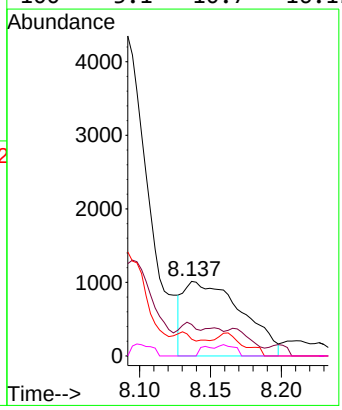


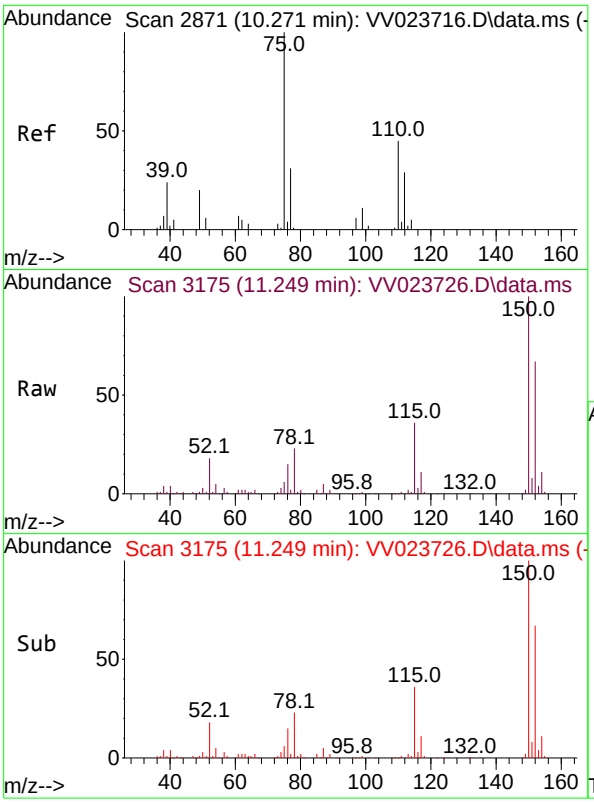


#48
2-Hexanone
Concen: 0.954 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VV023726.D
Acq: 26 Nov 2021 15:23

Tgt Ion: 43 Resp: 2905

Ion	Ratio	Lower	Upper
43	100		
58	4.2	44.5	66.7#
57	9.0	15.1	22.7#
100	3.1	10.7	16.1#





#61
1,2,3-Trichloropropane
Concen: 1.396 ug/L
RT: 11.249 min Scan# 3
Delta R.T. 0.978 min
Lab File: VV023726.D
Acq: 26 Nov 2021 15:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 6009

Ion	Ratio	Lower	Upper
75	100		
77	34.1	26.4	39.6
110	2.2	34.2	51.2#