Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023734.D
Acq On : 26 Nov 2021 18:33
Operator : SY/MD
Sample : M4821-16DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 27 03:55:40 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	125065	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124268	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58027	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31736	3.091	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 61.800%			
7) Chloroethane-d5	1.568	69	29522	3.658	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.200%			
11) 1,1-Dichloroethene-d2	2.111	63	45280	2.503	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 50.000%#			
20) 2-Butanone-d5	3.892	46	83117	67.343	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 134.680%#			
24) Chloroform-d	4.349	84	68932	3.856	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.200%			
26) 1,2-Dichloroethane-d4	5.034	65	37608	4.503	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.000%			
32) Benzene-d6	5.050	84	132062	3.901	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.000%			
36) 1,2-Dichloropropane-d6	6.072	67	40909	4.311	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.200%			
41) Toluene-d8	7.317	98	110492	3.493	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.800%#			
43) trans-1,3-Dichloroprop...	7.625	79	14882	3.890	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.800%			
46) 2-Hexanone-d5	8.092	63	62474	49.155	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.300%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31147	4.561	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.200%			
66) 1,2-Dichlorobenzene-d4	11.625	152	47141	4.595	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	3880	0.358	ug/L #	80
6) Bromomethane	1.526	94	385	0.063	ug/L	77
12) 1,1-Dichloroethene	2.114	96	840	0.100	ug/L #	1
16) Methylene chloride	2.510	84	6455	0.540	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	14808	0.862	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	4268	0.447	ug/L	96
19) 1,1-Dichloroethane	3.198	63	1693	0.105	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	73639	8.045	ug/L	99
27) 1,2-Dichloroethane	5.050	62	900	0.095	ug/L #	73
34) Trichloroethene	5.915	95	45377	4.781	ug/L	98
35) Methylcyclohexane	6.069	83	10862	0.734	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5101	0.606	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1212	0.101	ug/L #	55
61) 1,2,3-Trichloropropane	11.246	75	5743	1.396	ug/L #	60

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

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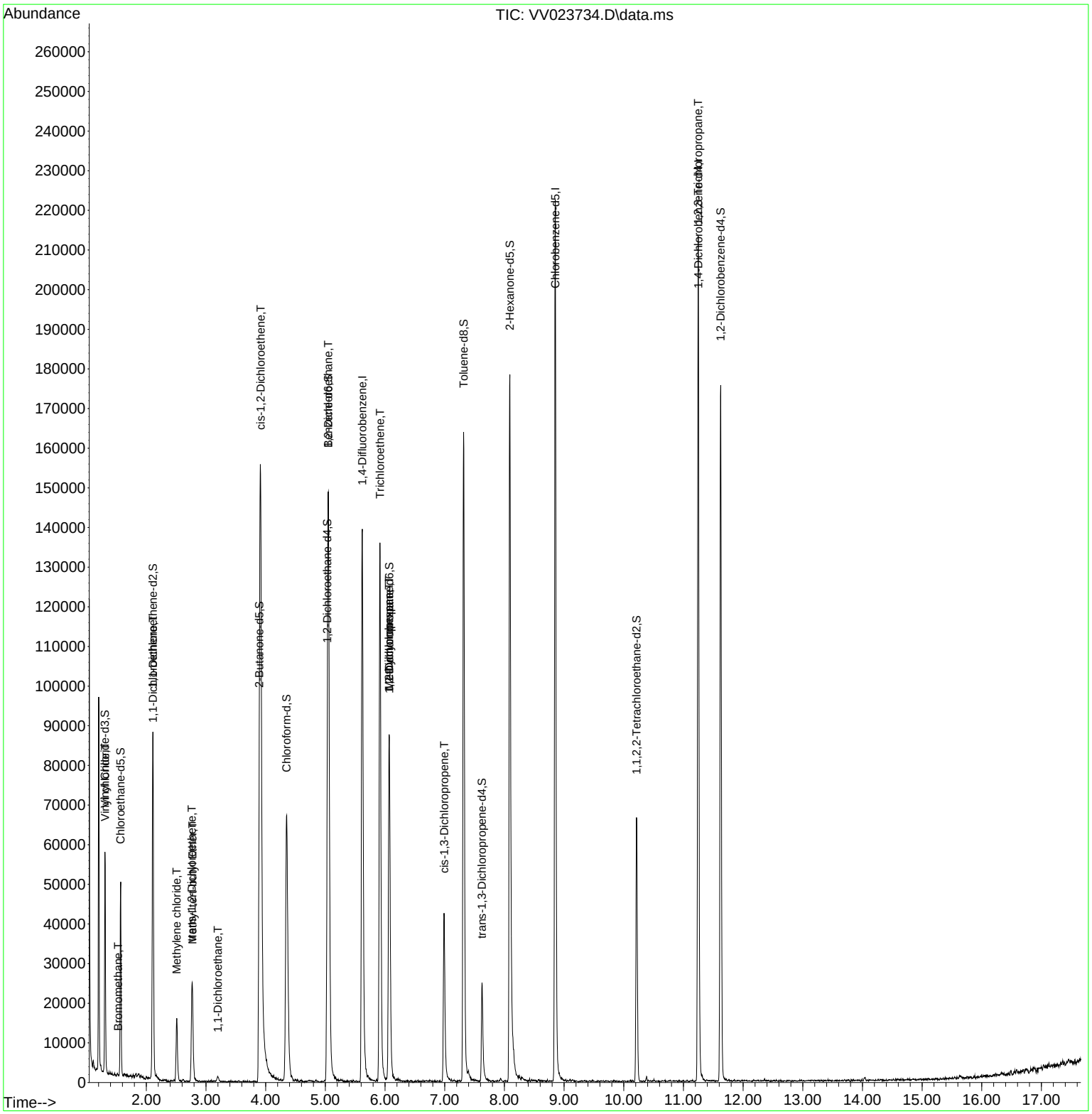
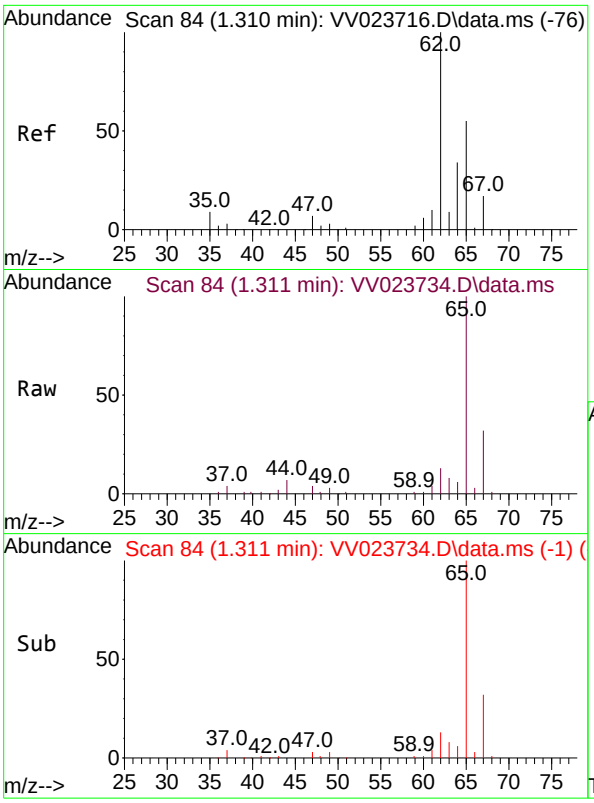
Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 27 03:55:40 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



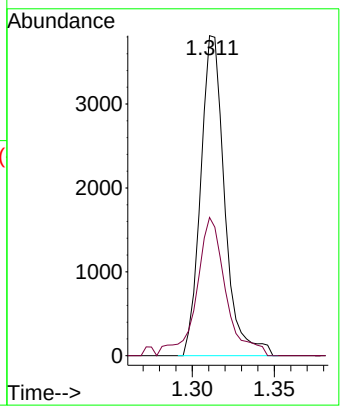


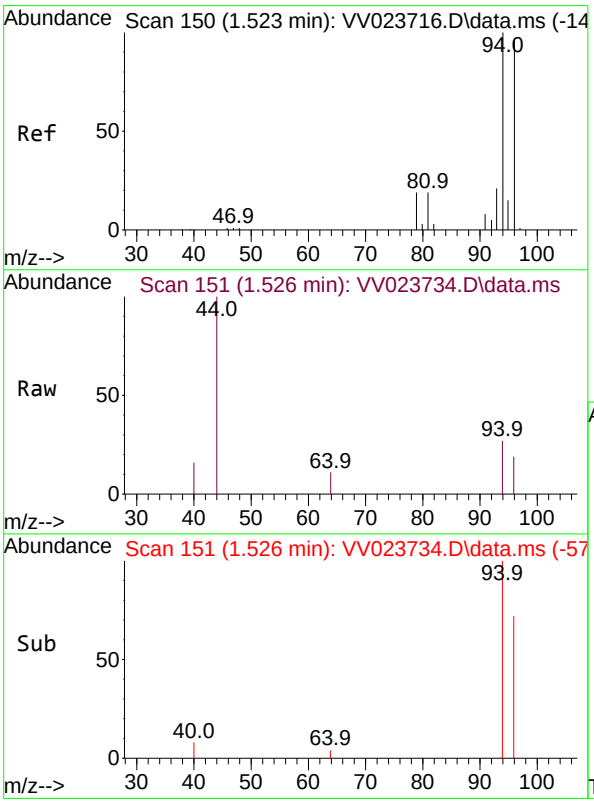
#5
Vinyl chloride
Concen: 0.358 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV023734.D
Acq: 26 Nov 2021 18:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 3880

Ion	Ratio	Lower	Upper
62	100		
64	43.2	22.4	41.6#

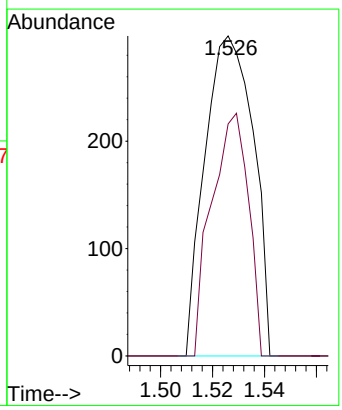


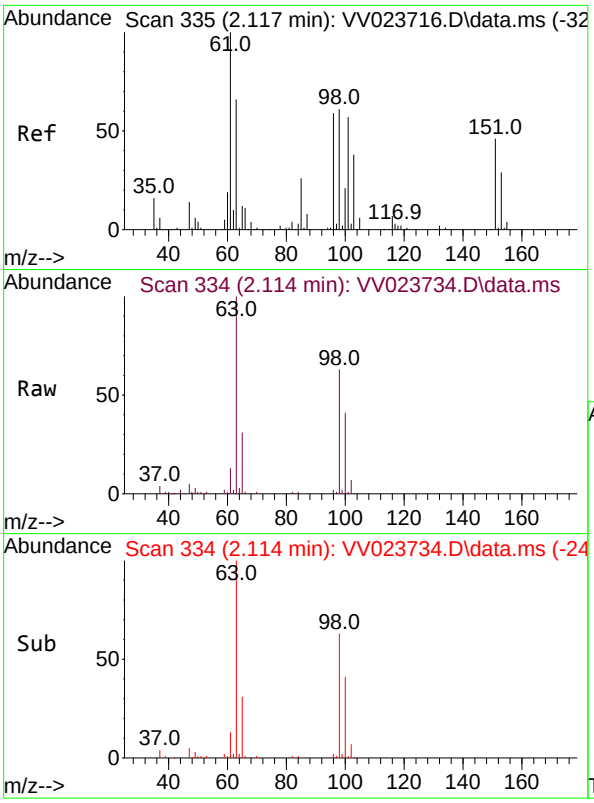


#6
Bromomethane
Concen: 0.063 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV023734.D
Acq: 26 Nov 2021 18:33

Tgt Ion: 94 Resp: 385

Ion	Ratio	Lower	Upper
94	100		
96	72.5	66.2	123.0



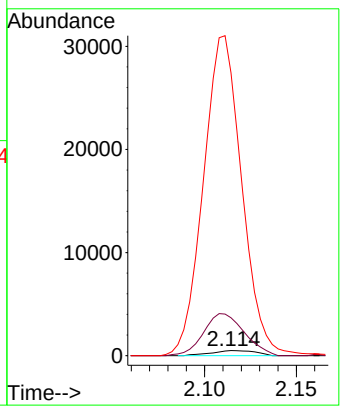


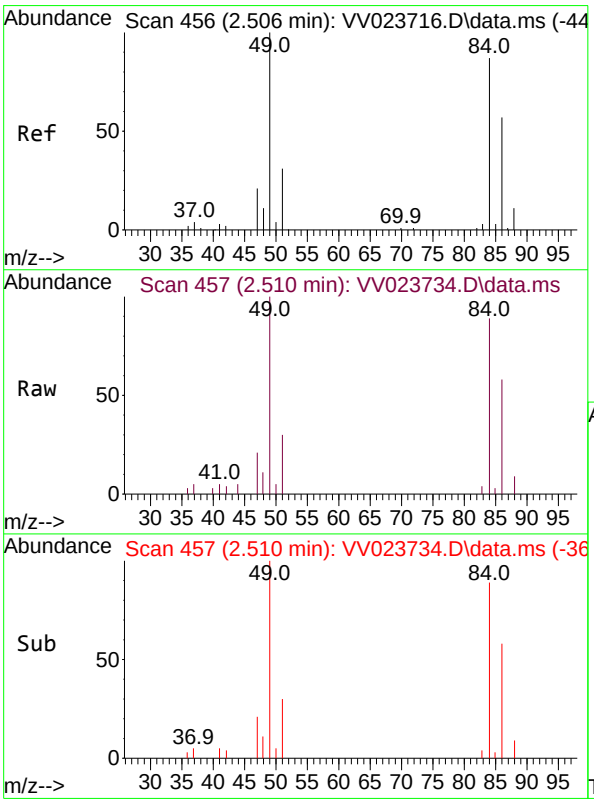
#12
1,1-Dichloroethene
Concen: 0.100 ug/L
RT: 2.114 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV023734.D
Acq: 26 Nov 2021 18:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 840

Ion	Ratio	Lower	Upper
96	100		
61	731.3	116.1	215.5#
63	5466.1	79.4	147.4#

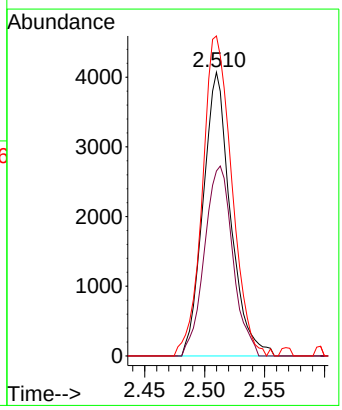


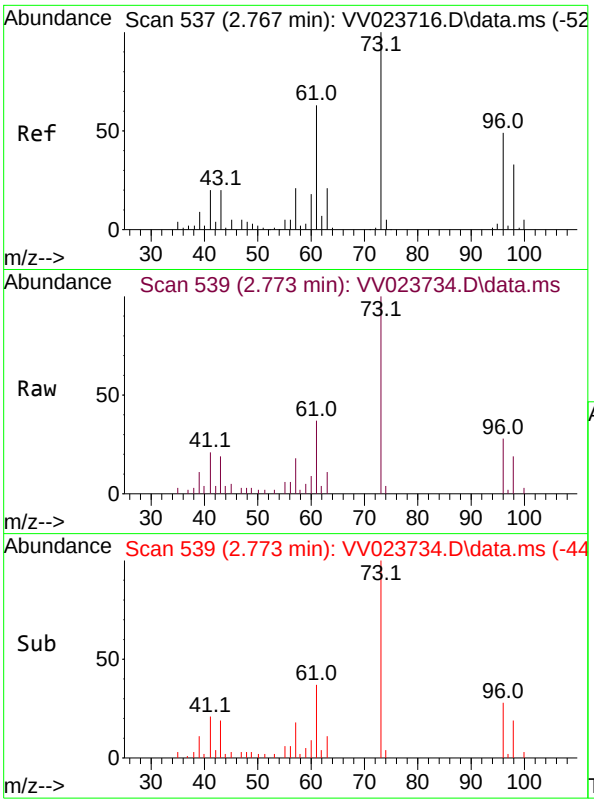


#16
Methylene chloride
Concen: 0.540 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023734.D
Acq: 26 Nov 2021 18:33

Tgt Ion: 84 Resp: 6455

Ion	Ratio	Lower	Upper
84	100		
86	65.2	42.6	79.0
49	112.8	79.7	147.9



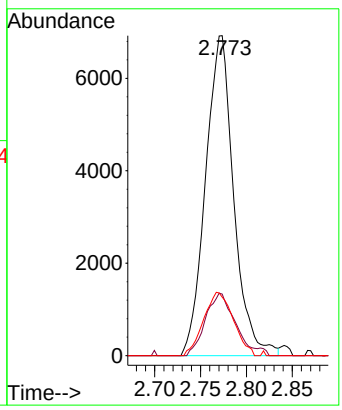


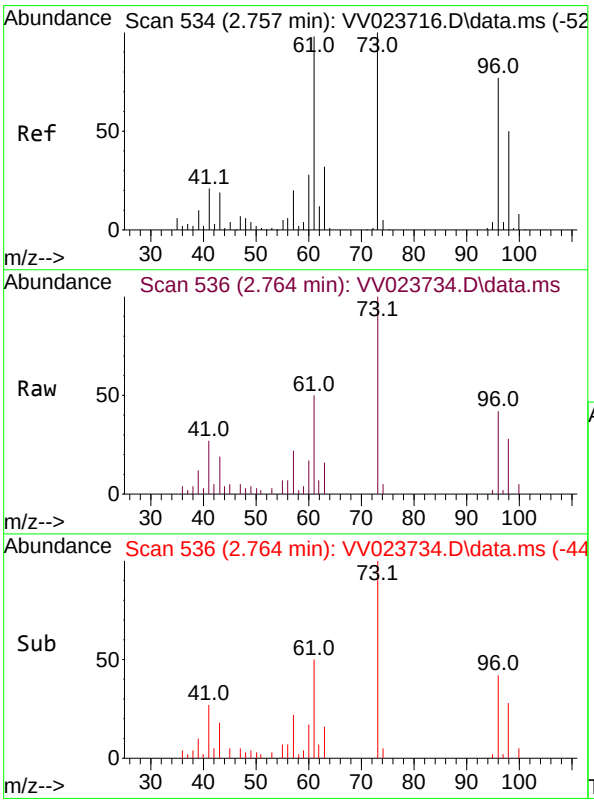
#17
Methyl tert-butyl Ether
Concen: 0.862 ug/L
RT: 2.773 min Scan# 5
Delta R.T. 0.007 min
Lab File: VV023734.D
Acq: 26 Nov 2021 18:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 14808

Ion	Ratio	Lower	Upper
73	100		
43	20.9	15.5	23.3
57	20.8	17.1	25.7

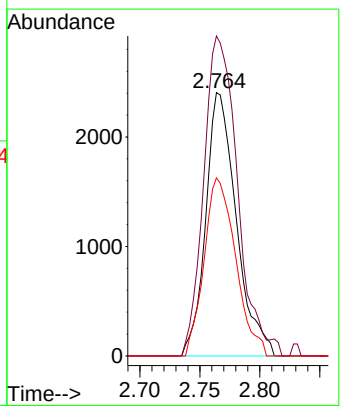


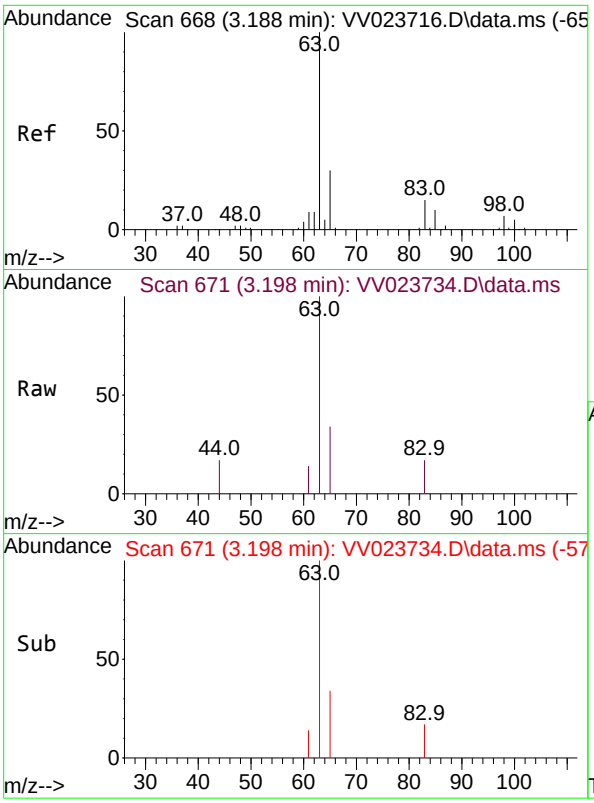


#18
trans-1,2-Dichloroethene
Concen: 0.447 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.007 min
Lab File: VV023734.D
Acq: 26 Nov 2021 18:33

Tgt Ion: 96 Resp: 4268

Ion	Ratio	Lower	Upper
96	100		
61	121.5	88.2	163.8
98	67.6	44.9	83.5



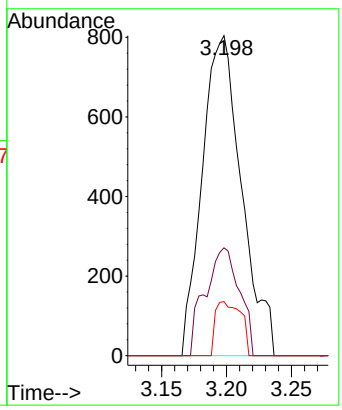


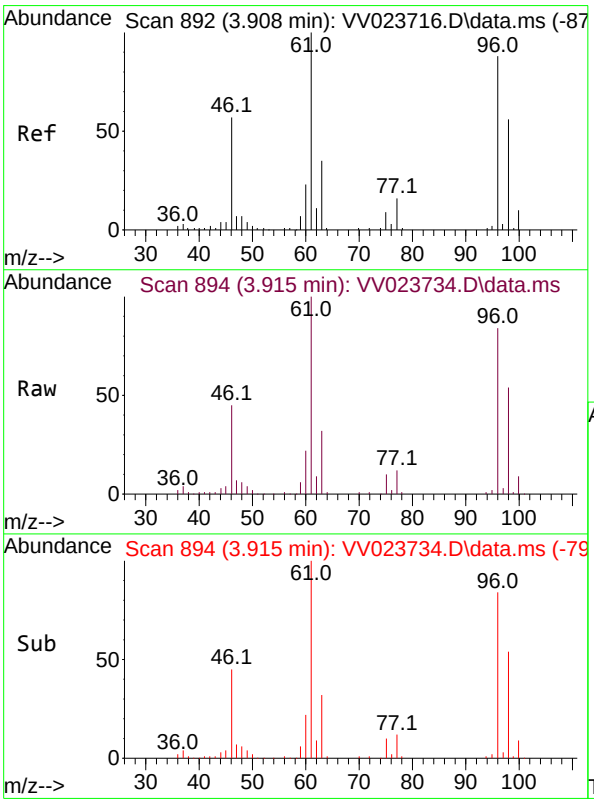
#19
1,1-Dichloroethane
Concen: 0.105 ug/L
RT: 3.198 min Scan# 6
Delta R.T. 0.010 min
Lab File: VV023734.D
Acq: 26 Nov 2021 18:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 1693

Ion	Ratio	Lower	Upper
63	100		
65	33.7	22.3	41.3
83	16.9	10.7	19.9

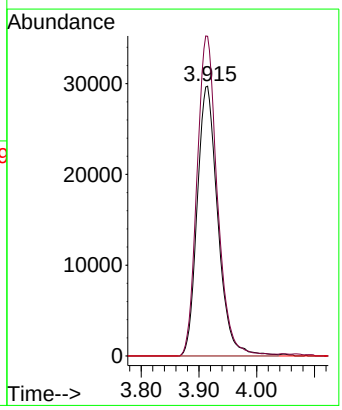


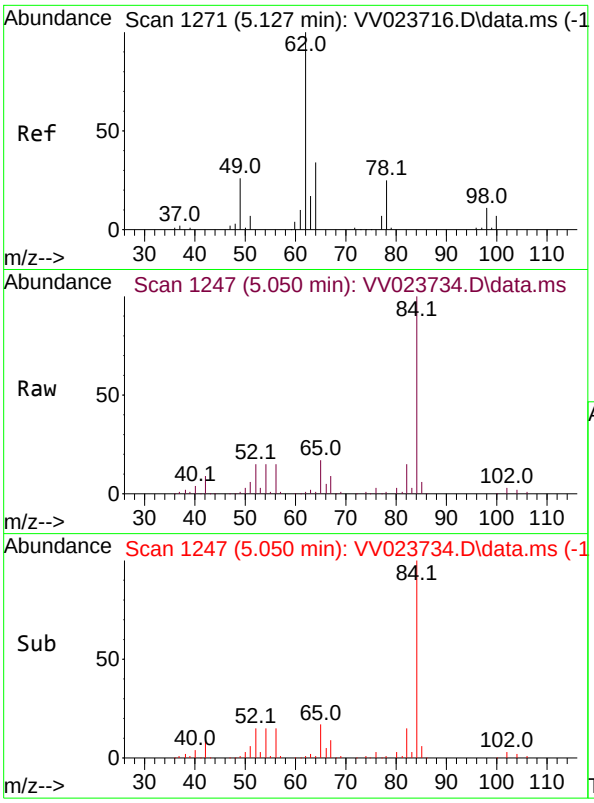


#22
cis-1,2-Dichloroethene
Concen: 8.045 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV023734.D
Acq: 26 Nov 2021 18:33

Tgt Ion: 96 Resp: 73639

Ion	Ratio	Lower	Upper
96	100		
61	118.5	83.4	154.8
68	0.0	0.0	0.0



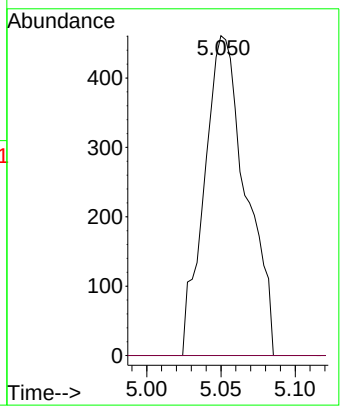


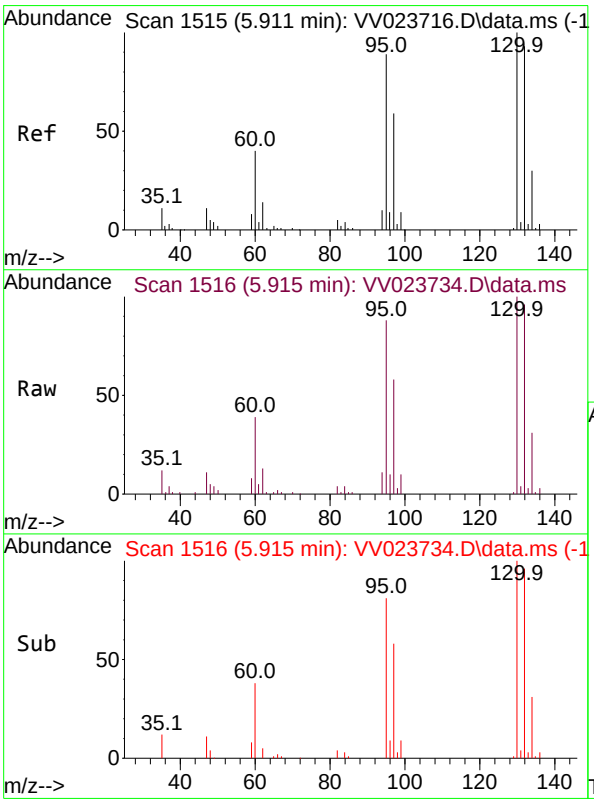
#27
1,2-Dichloroethane
Concen: 0.095 ug/L
RT: 5.050 min Scan# 1
Delta R.T. -0.077 min
Lab File: VV023734.D
Acq: 26 Nov 2021 18:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 900

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.1	12.1#

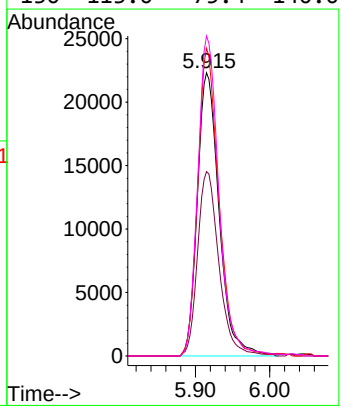


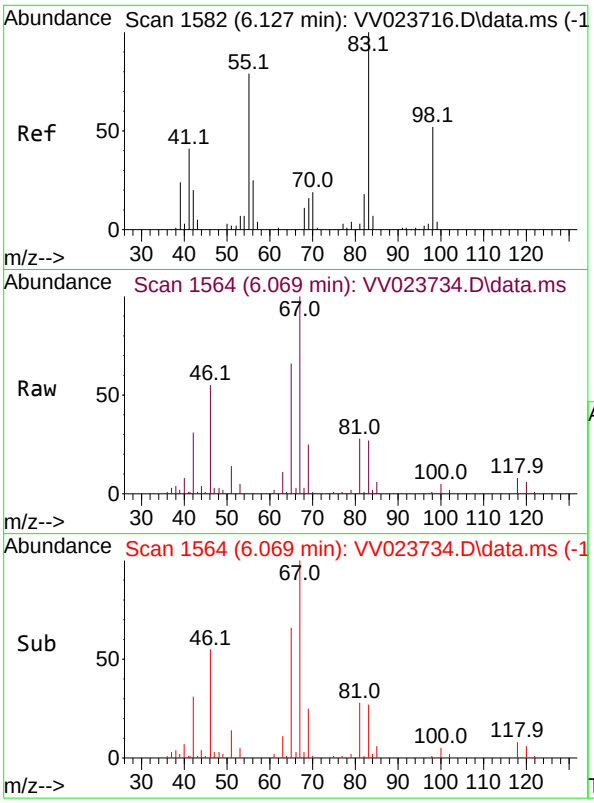


#34
Trichloroethene
Concen: 4.781 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023734.D
Acq: 26 Nov 2021 18:33

Tgt Ion: 95 Resp: 45377

Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.2	84.0
132	108.6	76.1	141.3
130	113.0	75.4	140.0



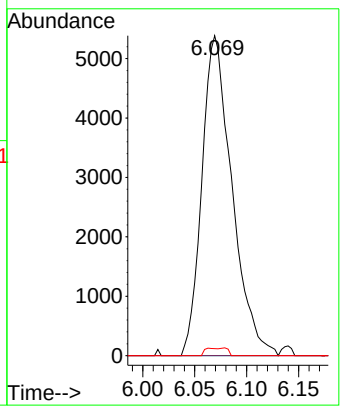


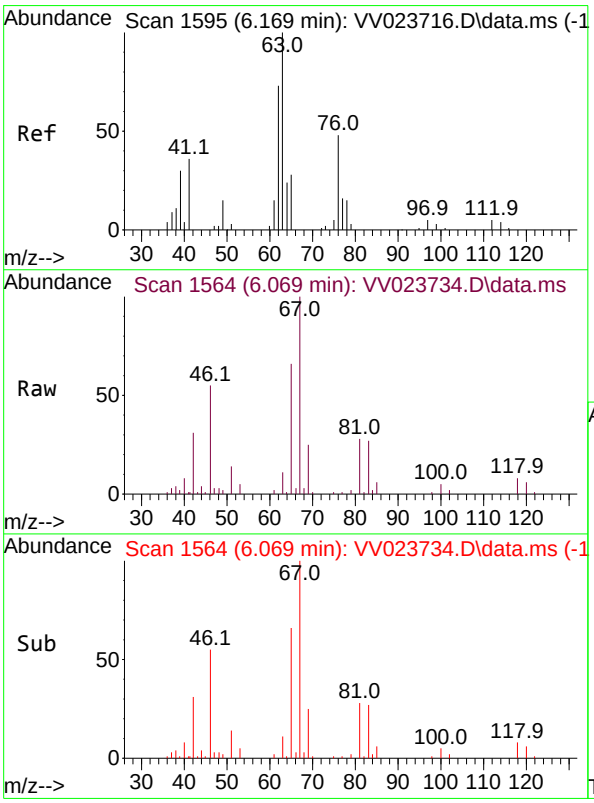
#35
Methylcyclohexane
Concen: 0.734 ug/L
RT: 6.069 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV023734.D
Acq: 26 Nov 2021 18:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 10862

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.2#
98	1.0	41.0	61.4#

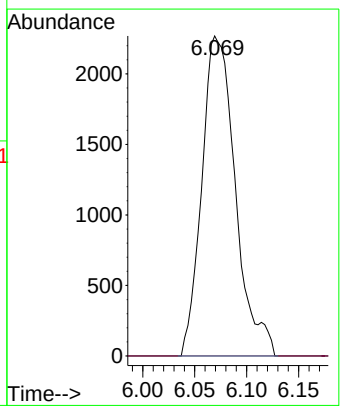


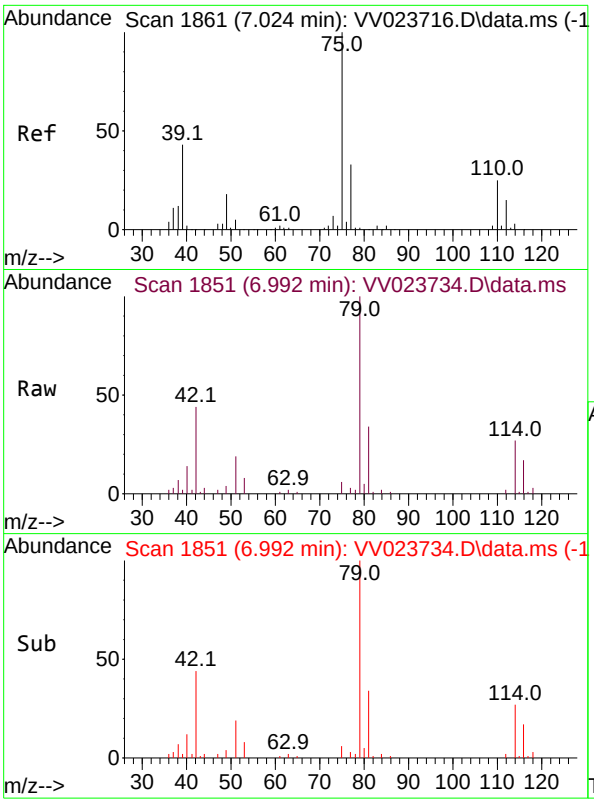


#37
1,2-Dichloropropane
Concen: 0.606 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV023734.D
Acq: 26 Nov 2021 18:33

Tgt Ion: 63 Resp: 5101

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#



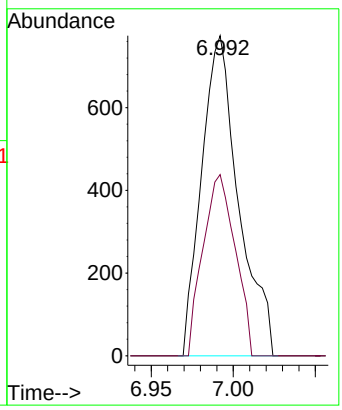


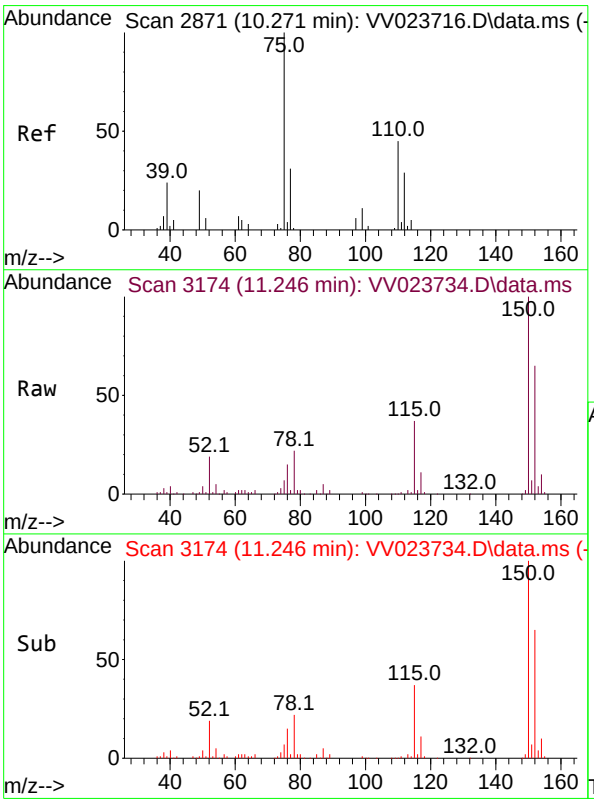
#39
cis-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 6.992 min Scan# 1
Delta R.T. -0.032 min
Lab File: VV023734.D
Acq: 26 Nov 2021 18:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1212

Ion	Ratio	Lower	Upper
75	100		
77	56.6	22.0	41.0#





#61
1,2,3-Trichloropropane
Concen: 1.396 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV023734.D
Acq: 26 Nov 2021 18:33

Tgt Ion: 75 Resp: 5743

Ion	Ratio	Lower	Upper
75	100		
77	37.2	26.4	39.6
110	1.4	34.2	51.2#