Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020524\
Data File : VV033985.D
Acq On : 05 Feb 2024 14:02
Operator : SY/MD
Sample : P1289-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 06 05:14:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 06 05:11:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	89134	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	85021	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	41891	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	29663	4.297	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.000%			
7) Chloroethane-d5	1.535	69	27279	4.512	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.200%			
11) 1,1-Dichloroethene-d2	2.063	65	14968	4.496	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.000%			
20) 2-Butanone-d5	3.812	46	49847	42.995	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.980%			
24) Chloroform-d	4.252	84	56639	4.515	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.400%			
26) 1,2-Dichloroethane-d4	4.947	65	27288	4.655	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.000%			
32) Benzene-d6	4.963	84	110341	4.326	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.600%			
36) 1,2-Dichloropropane-d6	5.992	67	31021	4.351	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.000%			
41) Toluene-d8	7.246	98	102218	4.360	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.200%			
43) trans-1,3-Dichloroprop...	7.561	79	11155	4.143	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.800%			
46) 2-Hexanone-d5	8.030	63	38457	40.012	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.020%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	19120	4.423	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.400%			
66) 1,2-Dichlorobenzene-d4	11.561	152	35692	4.685	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.600%			
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1383	0.155	ug/L	86
5) Vinyl chloride	1.285	62	1270	0.149	ug/L #	25
9) Trichlorofluoromethane	1.719	101	8186	0.667	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	961	0.150	ug/L #	19
12) 1,1-Dichloroethene	2.072	96	262684	42.186	ug/L #	72
16) Methylene chloride	2.452	84	1831	0.306	ug/L	96
19) 1,1-Dichloroethane	3.114	63	195250	16.754	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	1428751	125.167	ug/L	99
31) Carbon tetrachloride	4.513	117	174716	17.493	ug/L	98
34) Trichloroethene	5.838	95	26169	3.546	ug/L	97
35) Methylcyclohexane	5.992	83	7740	0.668	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3834	0.621	ug/L #	87
39) cis-1,3-Dichloropropene	6.924	75	1100	0.117	ug/L #	76
48) 2-Hexanone	8.088	43	7250	3.477	ug/L #	87
61) 1,2,3-Trichloropropane	11.188	75	5353	1.859	ug/L #	64

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020524\
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Misc : 25.0mL/MSVOA_V/WATER
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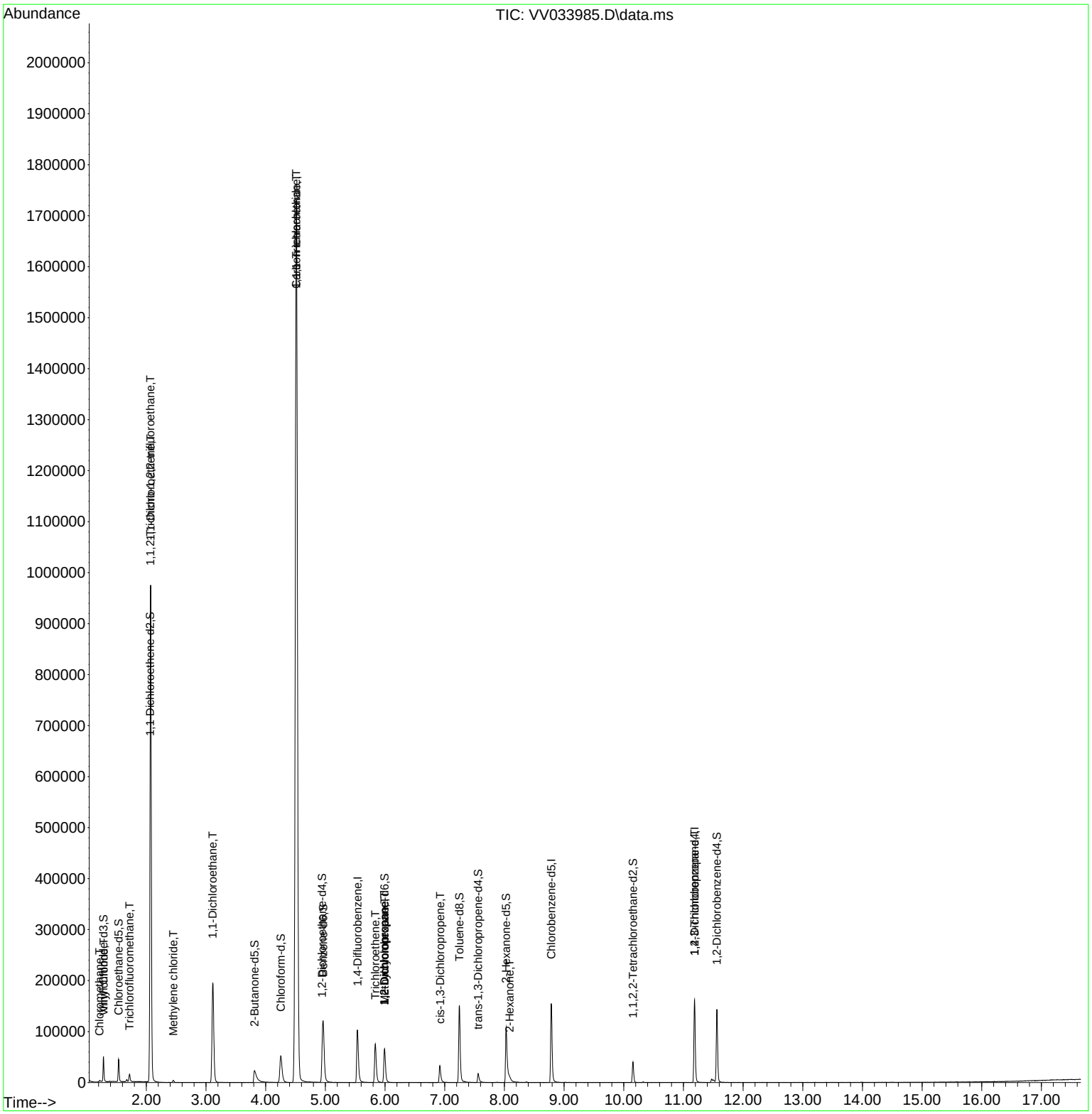
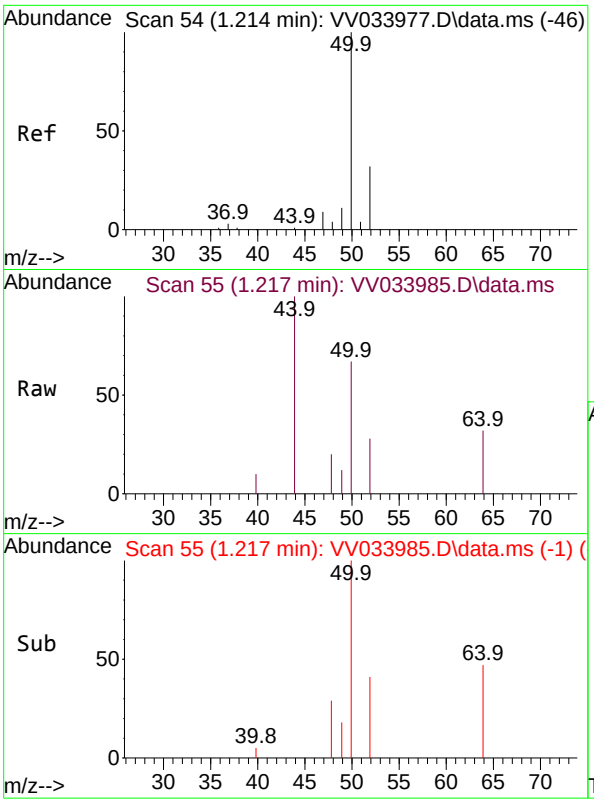
Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 06 05:14:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 06 05:11:25 2024
Response via : Initial Calibration



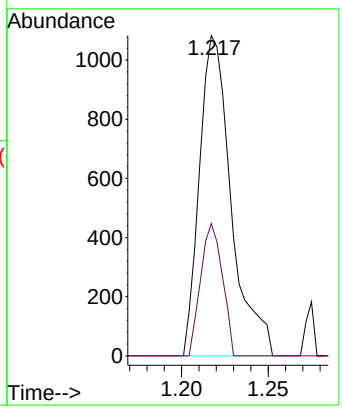


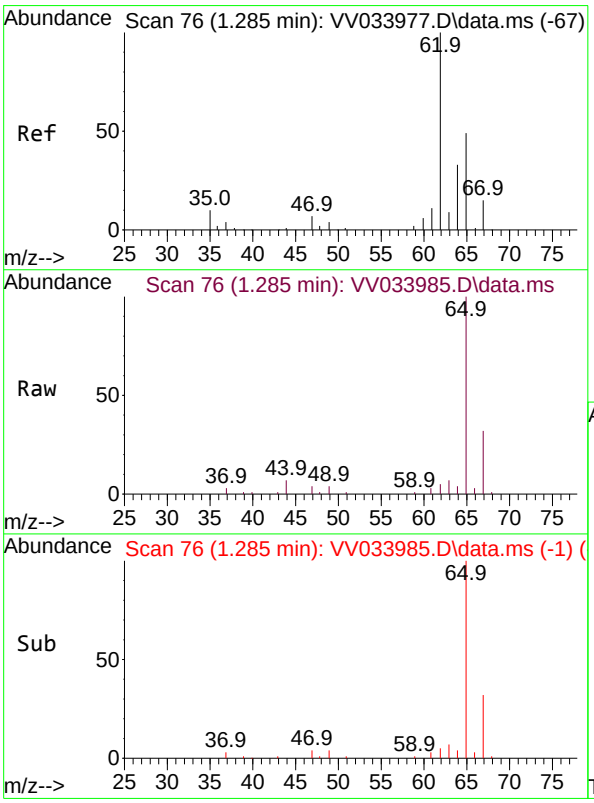
#3
Chloromethane
Concen: 0.155 ug/L
RT: 1.217 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV033985.D
Acq: 05 Feb 2024 14:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 1383

Ion	Ratio	Lower	Upper
50	100		
52	41.3	23.4	43.4

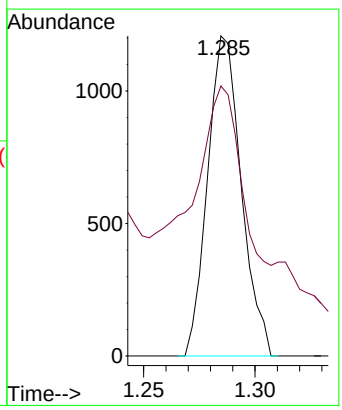


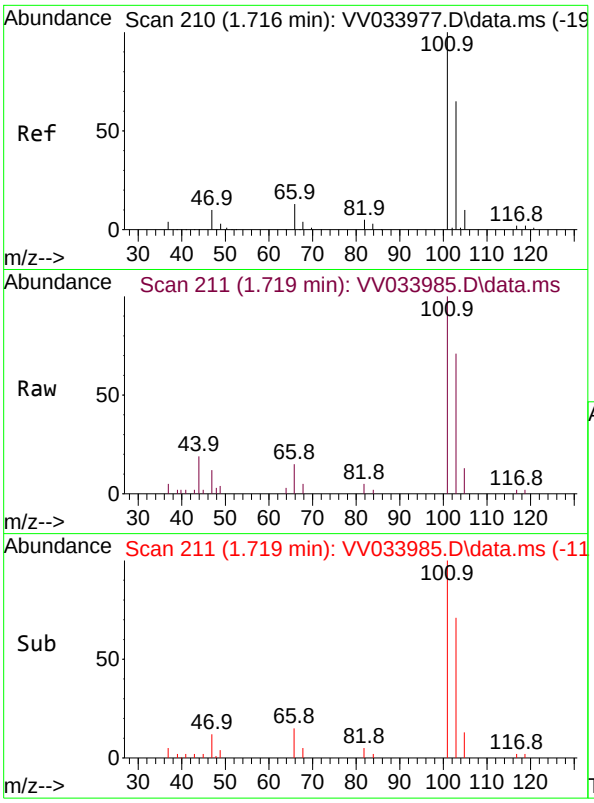


#5
Vinyl chloride
Concen: 0.149 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.000 min
Lab File: VV033985.D
Acq: 05 Feb 2024 14:02

Tgt Ion: 62 Resp: 1270

Ion	Ratio	Lower	Upper
62	100		
64	84.4	27.2	50.4#



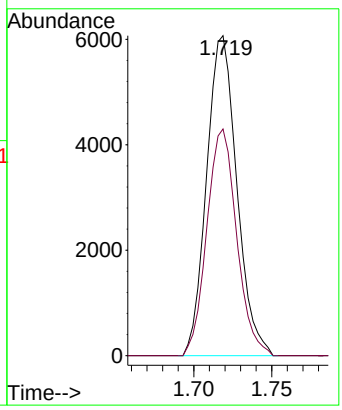


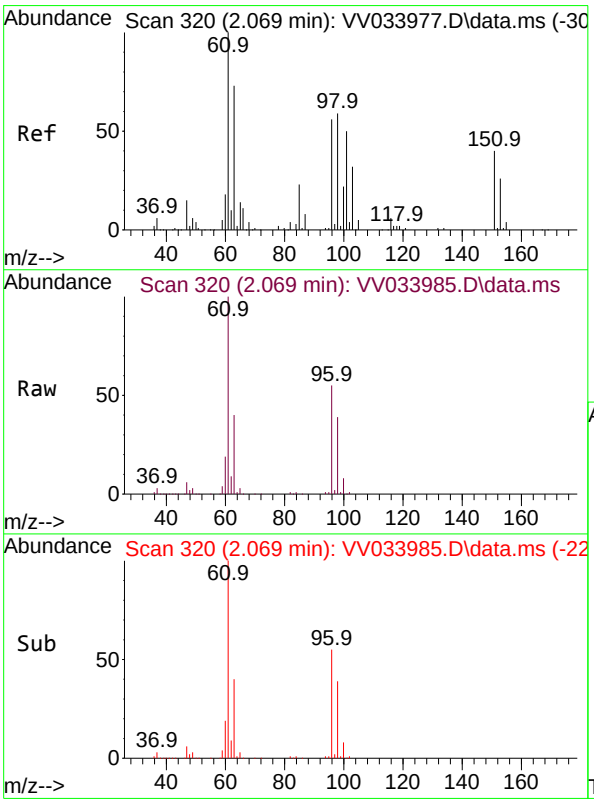
#9
Trichlorofluoromethane
Concen: 0.667 ug/L
RT: 1.719 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV033985.D
Acq: 05 Feb 2024 14:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 8186

Ion	Ratio	Lower	Upper
101	100		
103	69.9	51.0	76.4

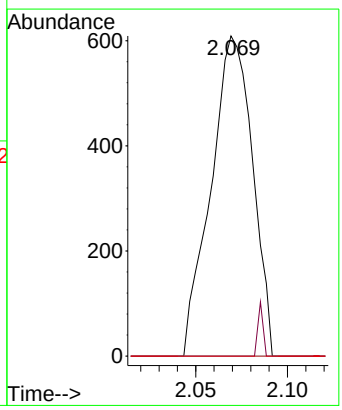


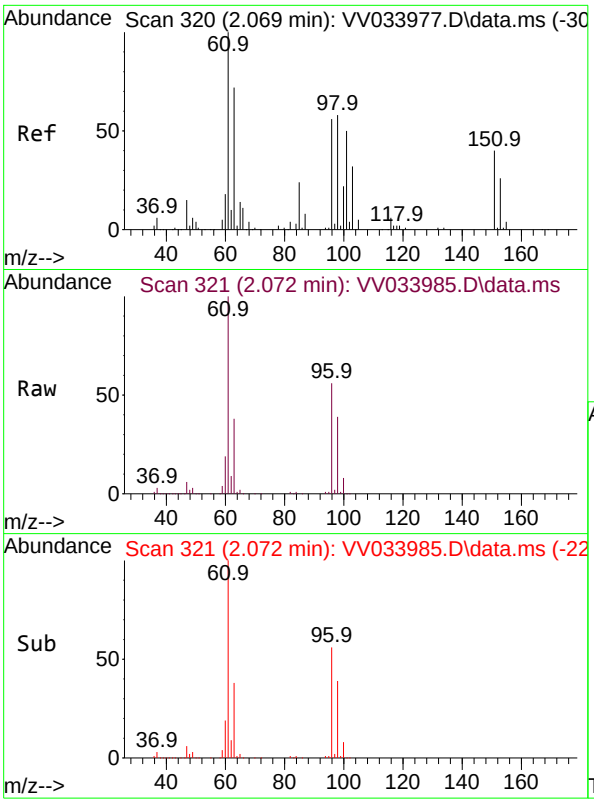


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.150 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV033985.D
Acq: 05 Feb 2024 14:02

Tgt Ion:101 Resp: 961

Ion	Ratio	Lower	Upper
101	100		
85	2.1	37.1	55.7#
151	0.0	61.7	92.5#



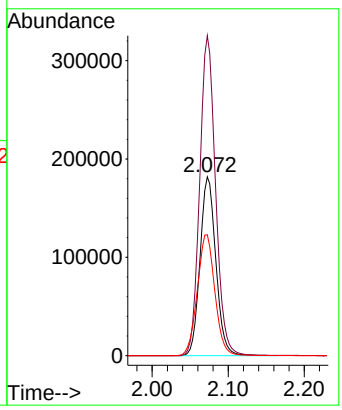


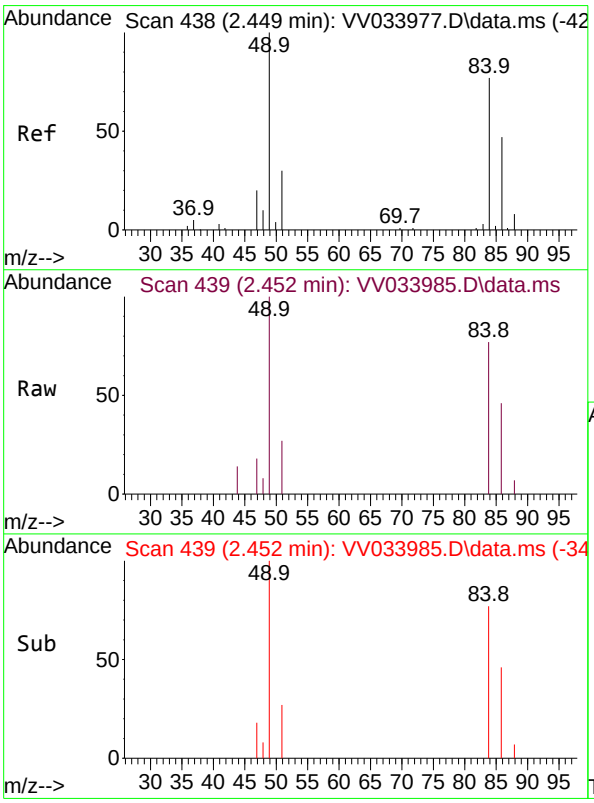
#12
1,1-Dichloroethene
Concen: 42.186 ug/L
RT: 2.072 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV033985.D
Acq: 05 Feb 2024 14:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 262684

Ion	Ratio	Lower	Upper
96	100		
61	178.8	128.8	239.2
63	67.6	97.9	181.9#

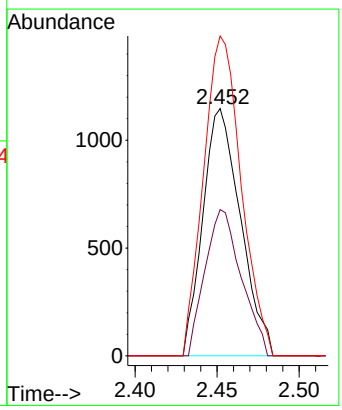


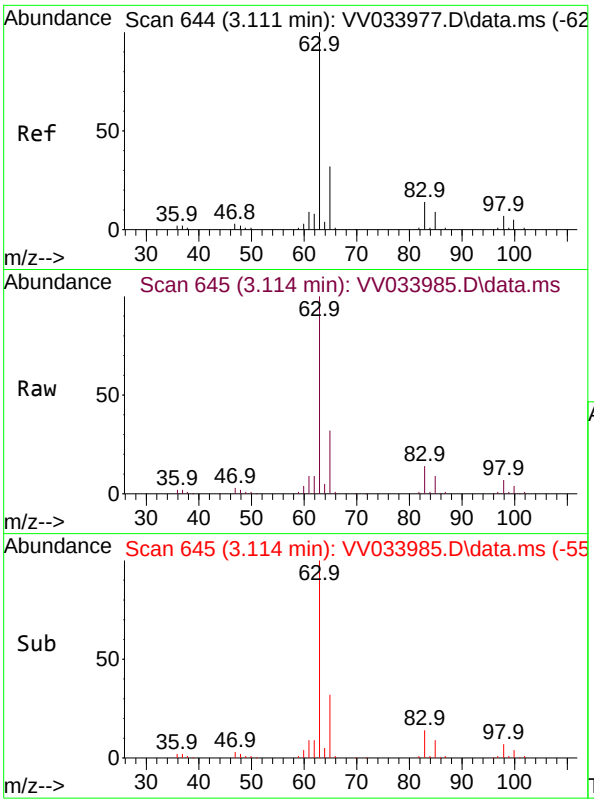


#16
Methylene chloride
Concen: 0.306 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.003 min
Lab File: VV033985.D
Acq: 05 Feb 2024 14:02

Tgt Ion: 84 Resp: 1831

Ion	Ratio	Lower	Upper
84	100		
86	59.2	44.7	83.1
49	129.4	93.7	173.9



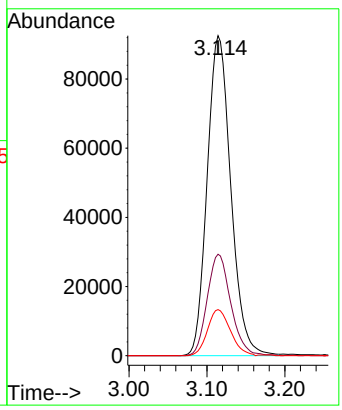


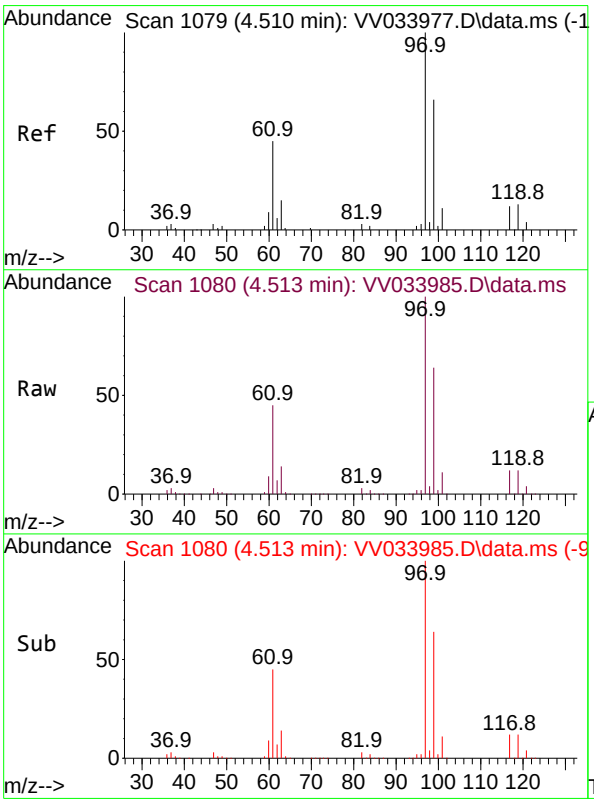
#19
1,1-Dichloroethane
Concen: 16.754 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV033985.D
Acq: 05 Feb 2024 14:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 195250

Ion	Ratio	Lower	Upper
63	100		
65	31.7	20.8	38.6
83	14.4	9.4	17.4

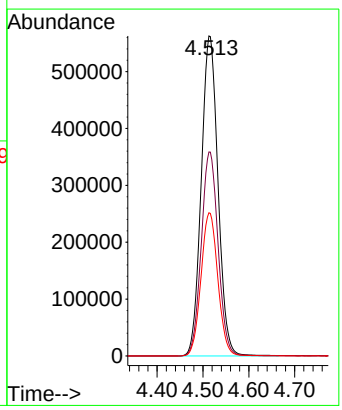


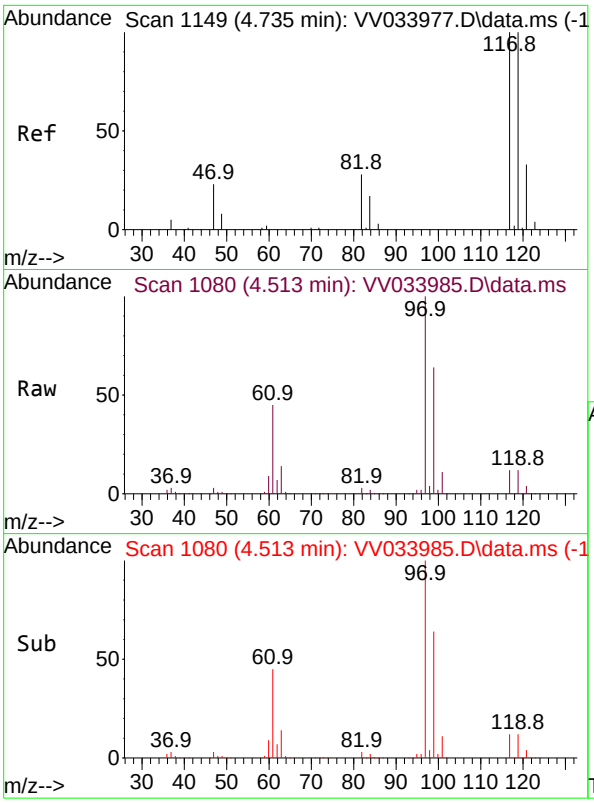


#29
1,1,1-Trichloroethane
Concen: 125.167 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV033985.D
Acq: 05 Feb 2024 14:02

Tgt Ion: 97 Resp: 1428751

Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.6	75.8
61	44.9	36.8	55.2



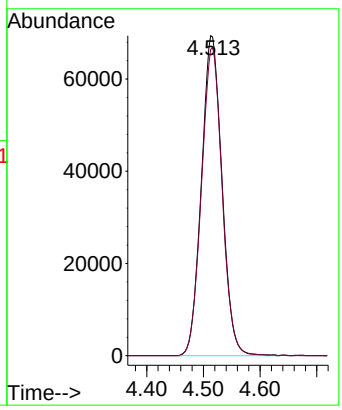


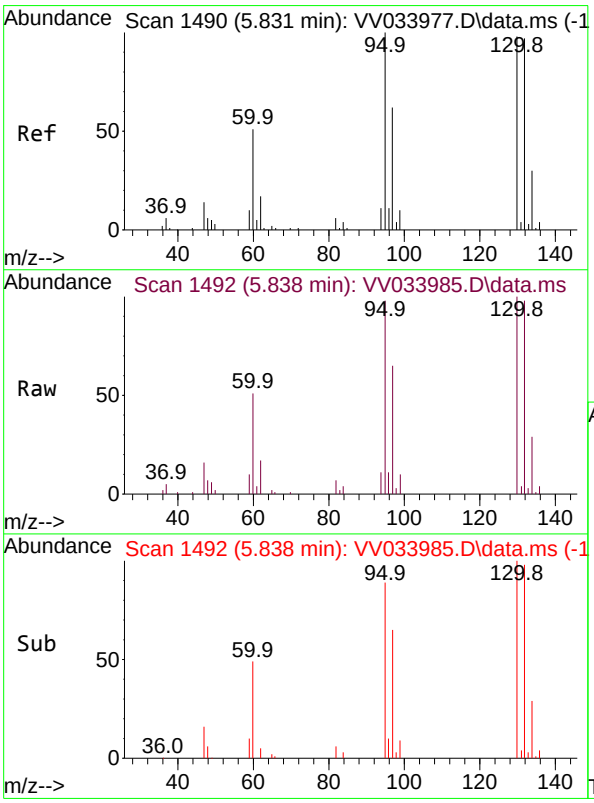
#31
Carbon tetrachloride
Concen: 17.493 ug/L
RT: 4.513 min Scan# 1
Delta R.T. -0.222 min
Lab File: VV033985.D
Acq: 05 Feb 2024 14:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:117 Resp: 174716

Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.1	114.1

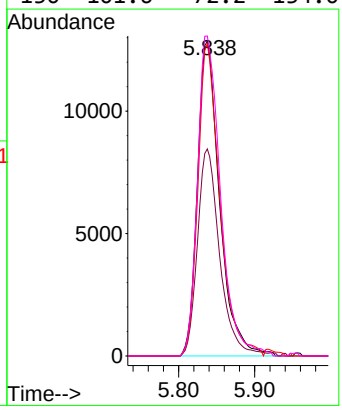


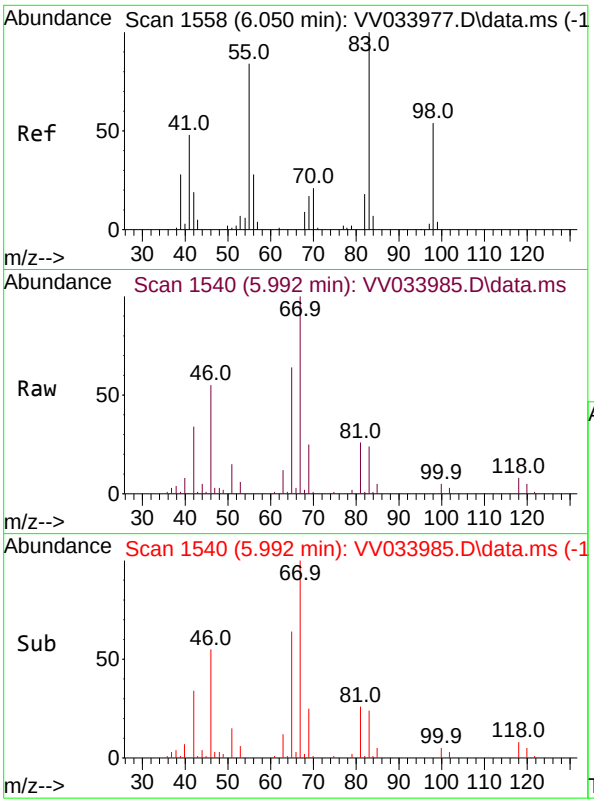


#34
Trichloroethene
Concen: 3.546 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV033985.D
Acq: 05 Feb 2024 14:02

Tgt Ion: 95 Resp: 26169

Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.1	83.7
132	99.1	66.0	122.6
130	101.6	72.2	134.0



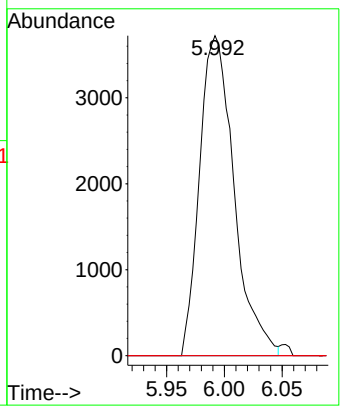


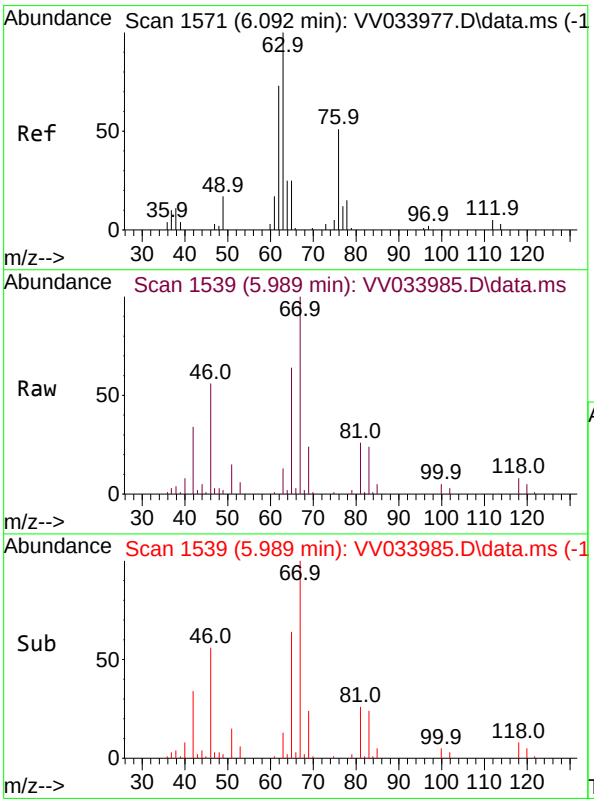
#35
Methylcyclohexane
Concen: 0.668 ug/L
RT: 5.992 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV033985.D
Acq: 05 Feb 2024 14:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 7740

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.5	95.3#
98	0.0	39.0	58.4#

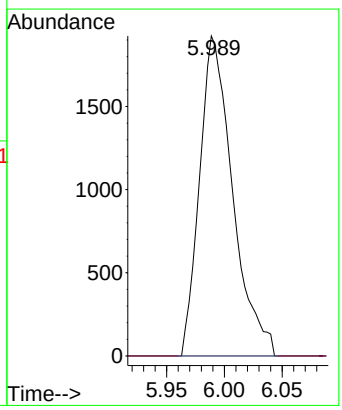


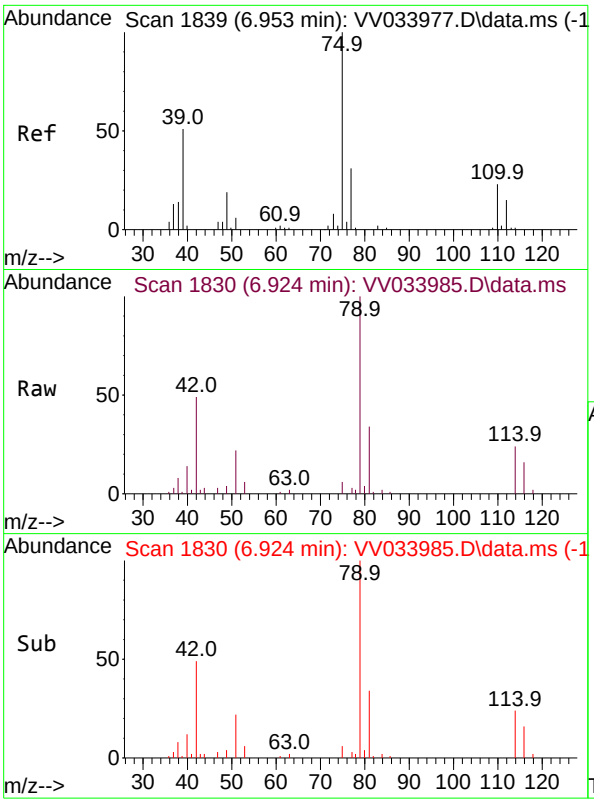


#37
1,2-Dichloropropane
Concen: 0.621 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.103 min
Lab File: VV033985.D
Acq: 05 Feb 2024 14:02

Tgt Ion: 63 Resp: 3834

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



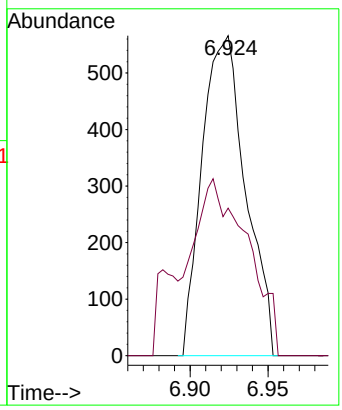


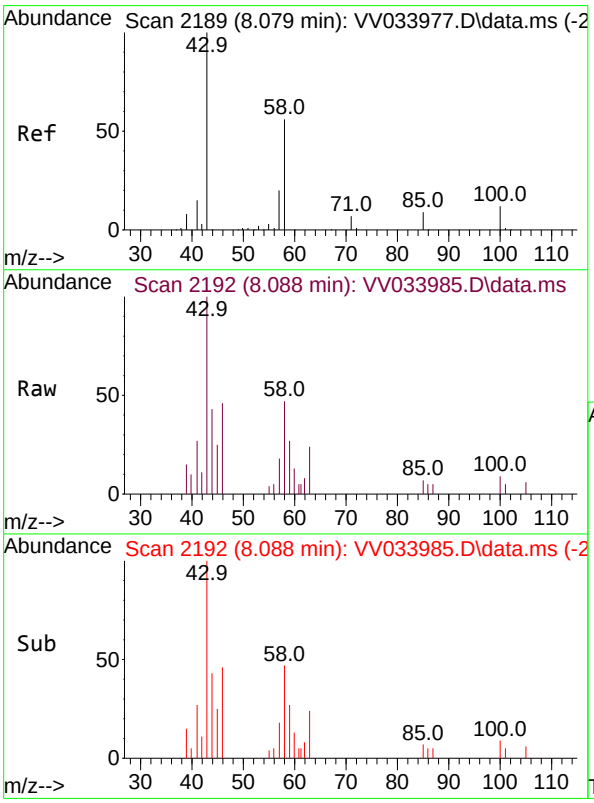
#39
cis-1,3-Dichloropropene
Concen: 0.117 ug/L
RT: 6.924 min Scan# 1
Delta R.T. -0.029 min
Lab File: VV033985.D
Acq: 05 Feb 2024 14:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1100

Ion	Ratio	Lower	Upper
75	100		
77	46.1	22.9	42.5#

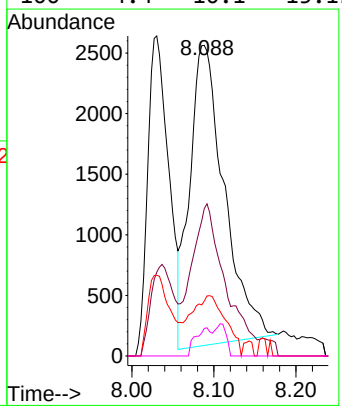


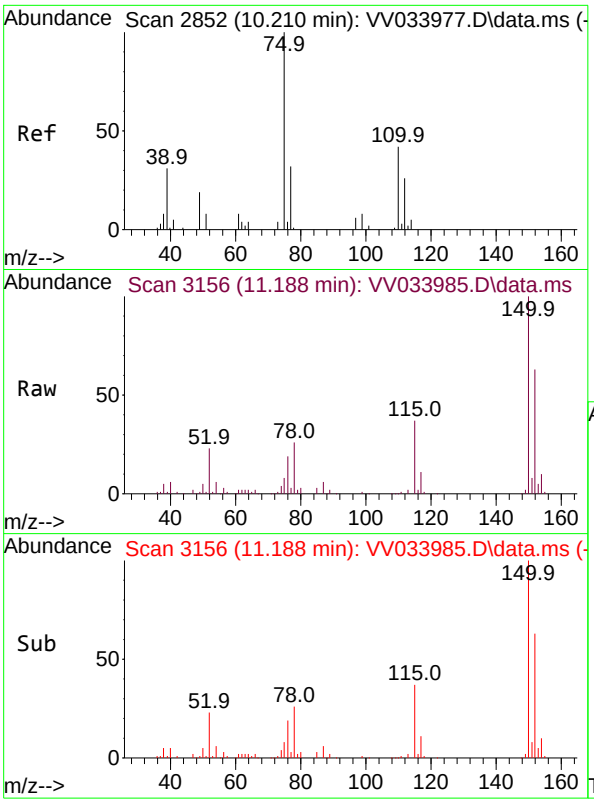


#48
2-Hexanone
Concen: 3.477 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.010 min
Lab File: VV033985.D
Acq: 05 Feb 2024 14:02

Tgt Ion: 43 Resp: 7250

Ion	Ratio	Lower	Upper
43	100		
58	42.1	42.6	64.0#
57	19.7	15.5	23.3
100	4.4	10.1	15.1#





#61
1,2,3-Trichloropropane
Concen: 1.859 ug/L
RT: 11.188 min Scan# 3
Delta R.T. 0.977 min
Lab File: VV033985.D
Acq: 05 Feb 2024 14:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 5353

Ion	Ratio	Lower	Upper
75	100		
77	33.8	26.9	40.3
110	0.8	33.3	49.9#