Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020524\
Data File : VV033993.D
Acq On : 05 Feb 2024 17:14
Operator : SY/MD
Sample : P1289-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 06 05:16:29 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	5.538	114	81380	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	78099	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	40472	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23145	3.672	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.400%			
7) Chloroethane-d5	1.535	69	21937	3.974	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.400%			
11) 1,1-Dichloroethene-d2	2.060	65	12287	4.042	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.800%			
20) 2-Butanone-d5	3.802	46	47924	45.275	ug/L	-0.05
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.540%			
24) Chloroform-d	4.252	84	50833	4.439	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.800%			
26) 1,2-Dichloroethane-d4	4.947	65	22935	4.285	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.800%			
32) Benzene-d6	4.963	84	91004	3.884	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.600%			
36) 1,2-Dichloropropane-d6	5.992	67	25965	3.964	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 79.200%			
41) Toluene-d8	7.246	98	89353	4.149	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.000%			
43) trans-1,3-Dichloroprop...	7.561	79	10515	4.252	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.000%			
46) 2-Hexanone-d5	8.027	63	43393	49.149	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.300%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	17787	4.479	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.600%			
66) 1,2-Dichlorobenzene-d4	11.561	152	32054	4.355	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.000%			
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1780	0.219	ug/L	96
5) Vinyl chloride	1.281	62	1636	0.210	ug/L #	1
8) Chloroethane	1.285	64	1010	0.190	ug/L	86
9) Trichlorofluoromethane	1.715	101	3421	0.305	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	753	0.129	ug/L #	23
12) 1,1-Dichloroethene	2.072	96	216087	38.009	ug/L #	70
19) 1,1-Dichloroethane	3.114	63	312036	29.326	ug/L	97
29) 1,1,1-Trichloroethane	4.519	97	7610331	725.802	ug/L	99
31) Carbon tetrachloride	4.516	117	935826	102.001	ug/L	99
34) Trichloroethene	5.838	95	13124	1.936	ug/L	98
35) Methylcyclohexane	5.995	83	6778	0.637	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3418	0.602	ug/L #	87
39) cis-1,3-Dichloropropene	6.915	75	788	0.091	ug/L #	46
48) 2-Hexanone	8.027	43	5870	3.065	ug/L #	69
61) 1,2,3-Trichloropropane	11.188	75	4994	1.795	ug/L #	61

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

Quantitation Report (Not Reviewed)

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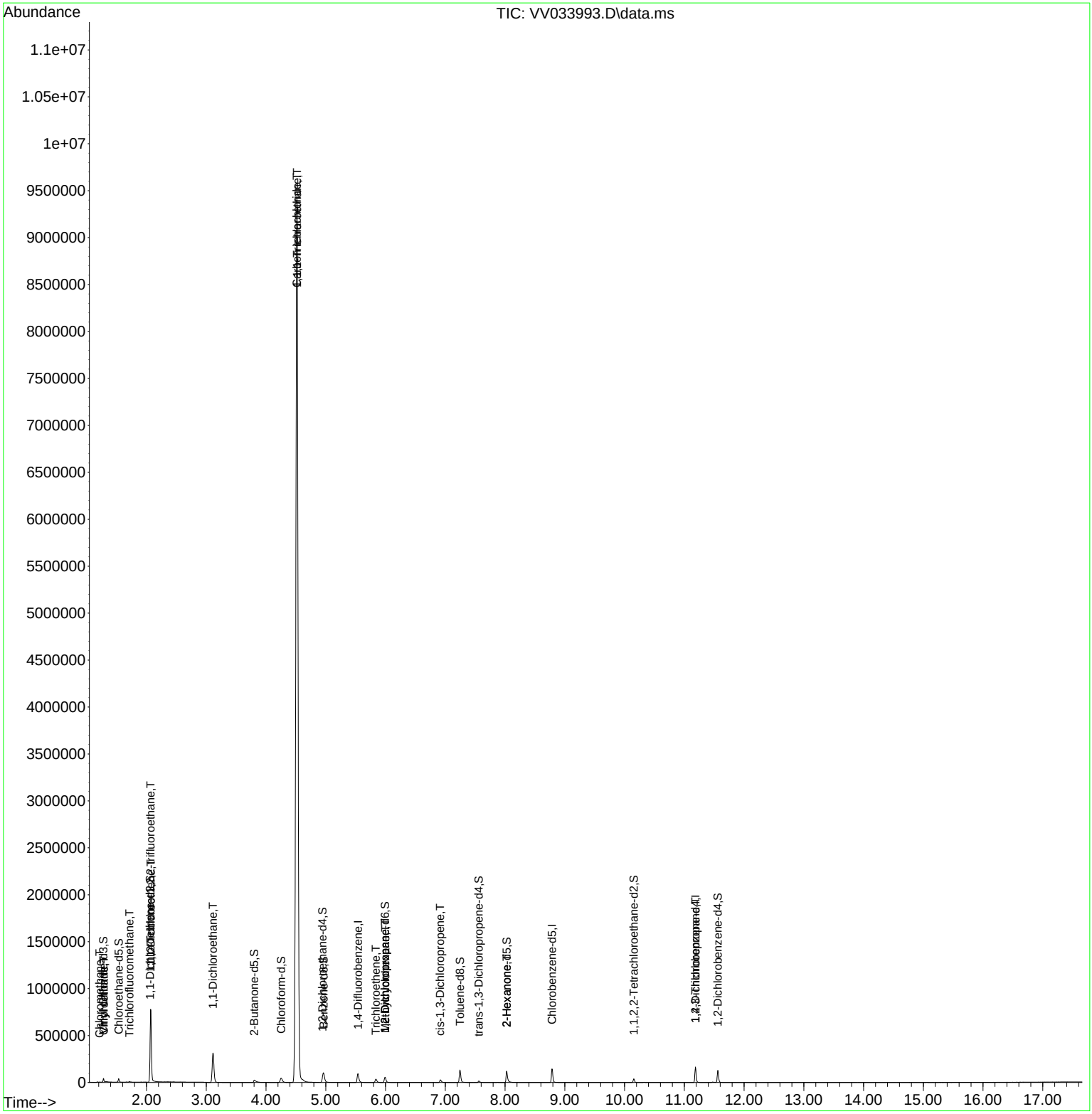
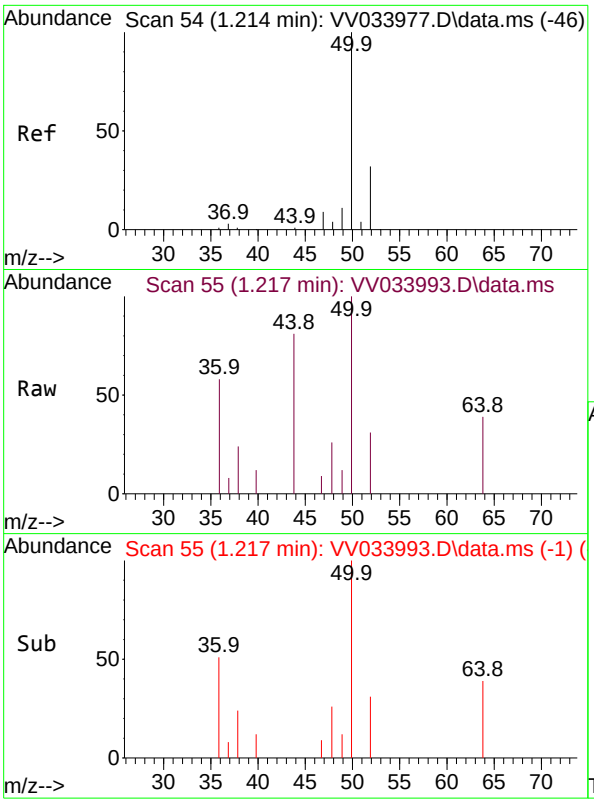
ClientSampleId :

Quant Time: Feb 06 05:16:29 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



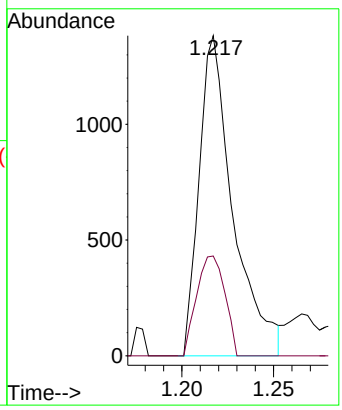


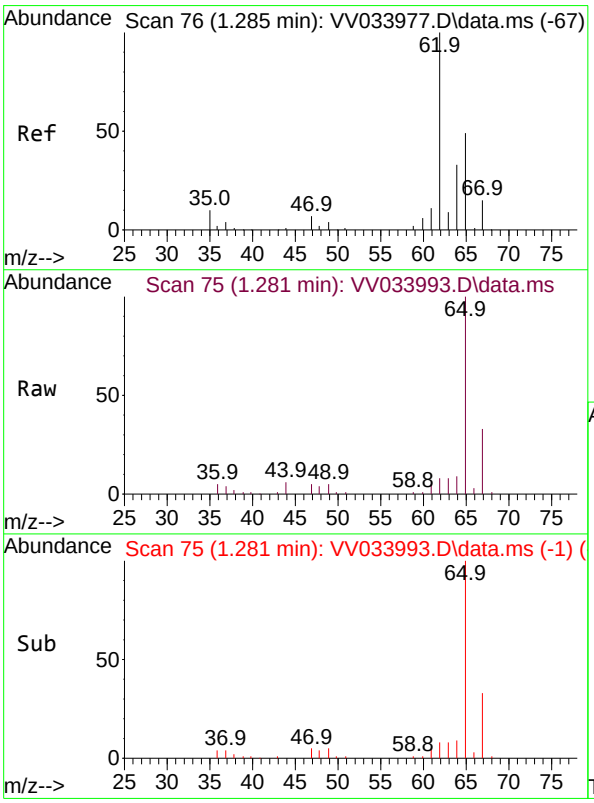
#3
Chloromethane
Concen: 0.219 ug/L
RT: 1.217 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV033993.D
Acq: 05 Feb 2024 17:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 1780

Ion	Ratio	Lower	Upper
50	100		
52	31.2	23.4	43.4

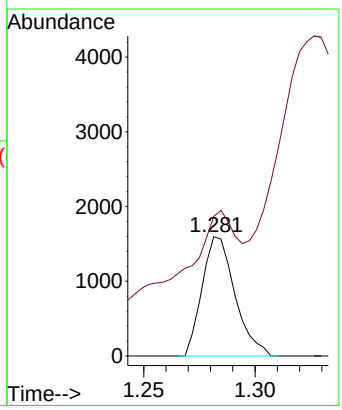


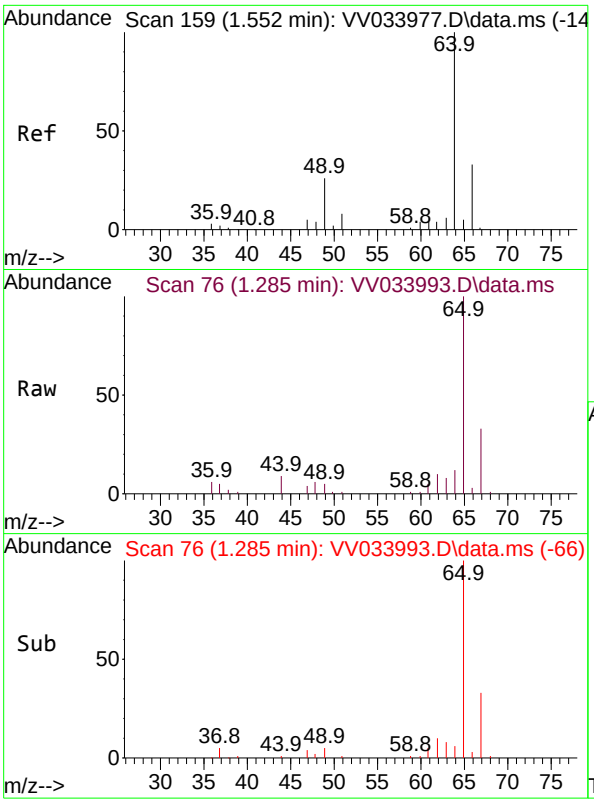


#5
Vinyl chloride
Concen: 0.210 ug/L
RT: 1.281 min Scan# 75
Delta R.T. -0.003 min
Lab File: VV033993.D
Acq: 05 Feb 2024 17:14

Tgt Ion: 62 Resp: 1636

Ion	Ratio	Lower	Upper
62	100		
64	117.1	27.2	50.4#



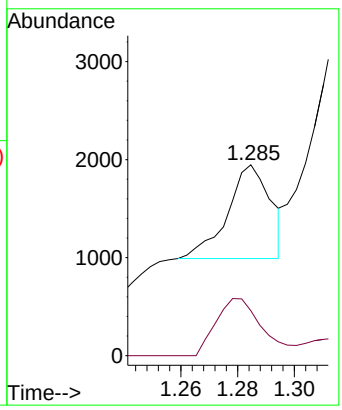


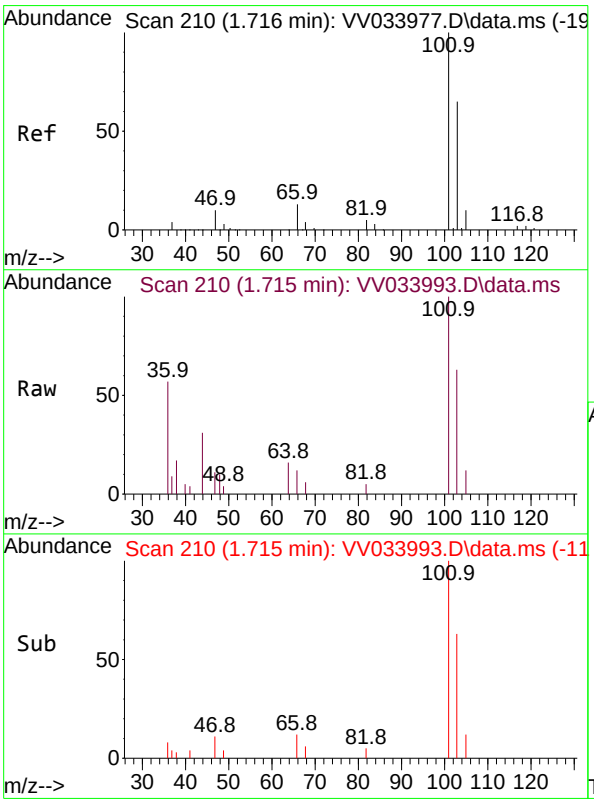
#8
Chloroethane
Concen: 0.190 ug/L
RT: 1.285 min Scan# 7
Delta R.T. -0.267 min
Lab File: VV033993.D
Acq: 05 Feb 2024 17:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 1010

Ion	Ratio	Lower	Upper
64	100		
66	23.6	22.0	41.0

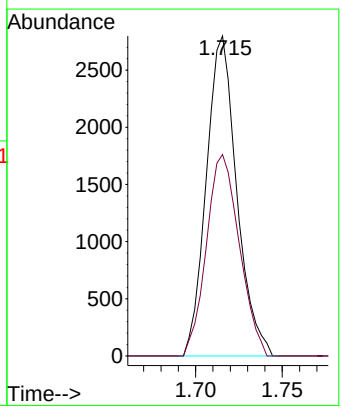


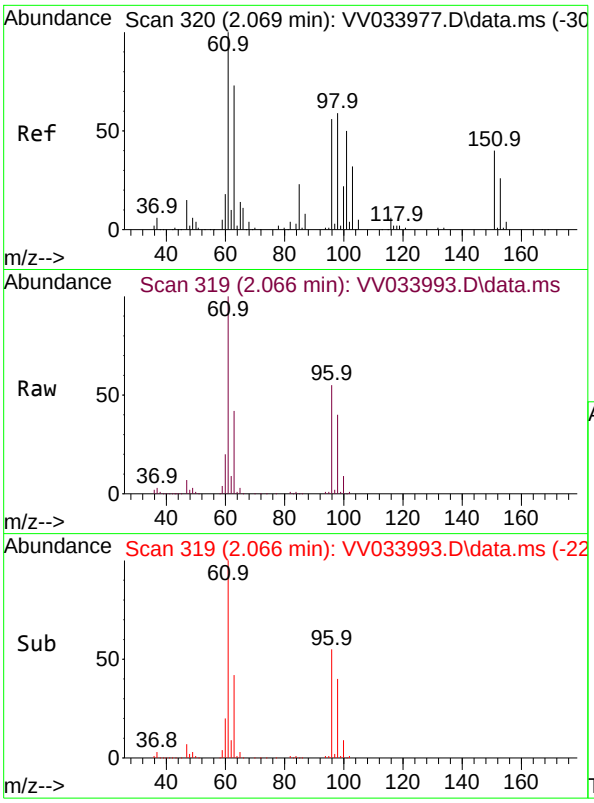


#9
Trichlorofluoromethane
Concen: 0.305 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV033993.D
Acq: 05 Feb 2024 17:14

Tgt Ion:101 Resp: 3421

Ion	Ratio	Lower	Upper
101	100		
103	68.0	51.0	76.4



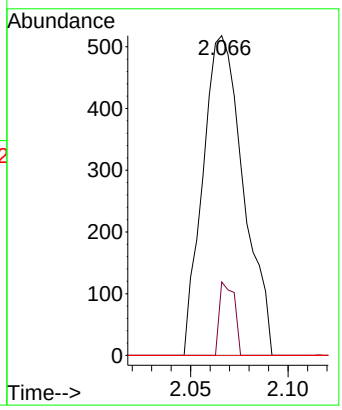


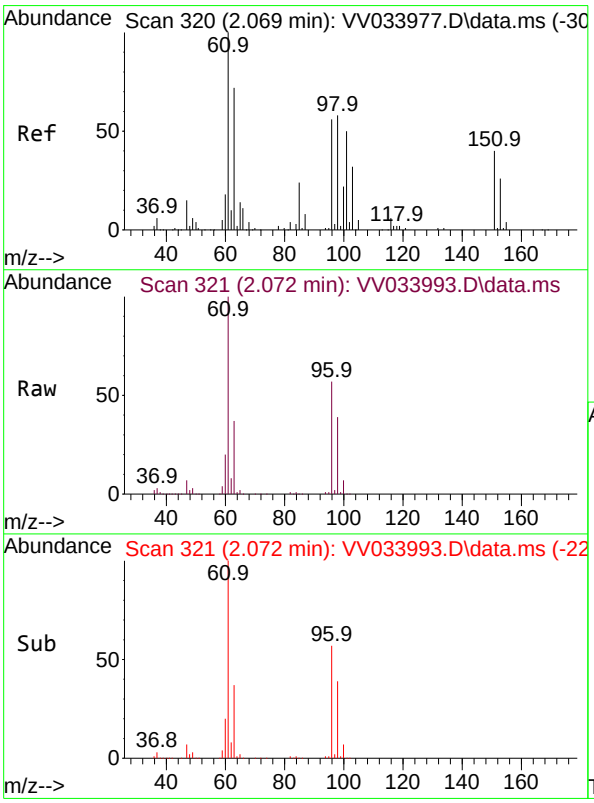
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.129 ug/L
RT: 2.066 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV033993.D
Acq: 05 Feb 2024 17:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 753

Ion	Ratio	Lower	Upper
101	100		
85	8.4	37.1	55.7#
151	0.0	61.7	92.5#

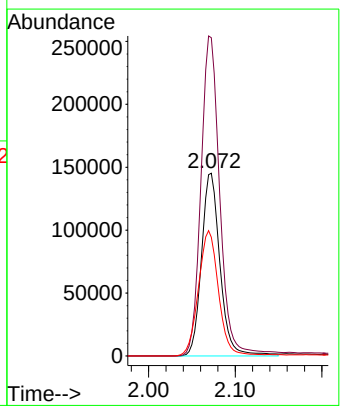


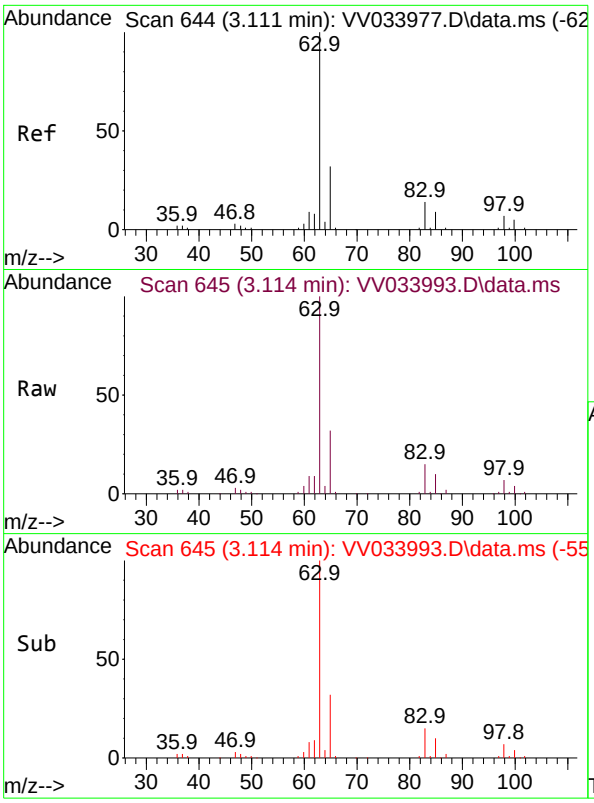


#12
1,1-Dichloroethene
Concen: 38.009 ug/L
RT: 2.072 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV033993.D
Acq: 05 Feb 2024 17:14

Tgt Ion: 96 Resp: 216087

Ion	Ratio	Lower	Upper
96	100		
61	174.1	128.8	239.2
63	65.0	97.9	181.9#



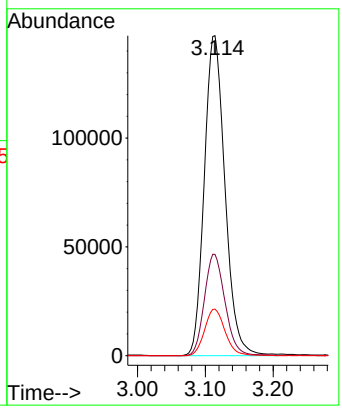


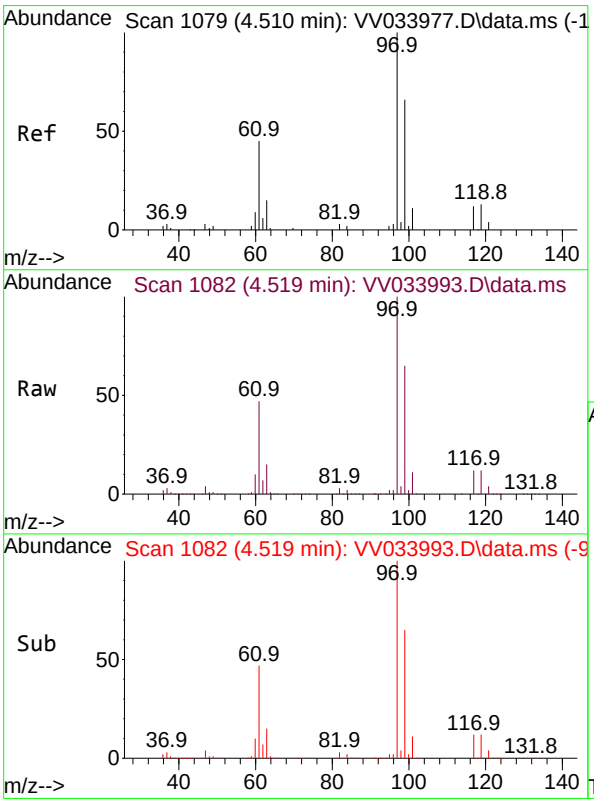
#19
1,1-Dichloroethane
Concen: 29.326 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV033993.D
Acq: 05 Feb 2024 17:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 312036

Ion	Ratio	Lower	Upper
63	100		
65	31.7	20.8	38.6
83	14.5	9.4	17.4

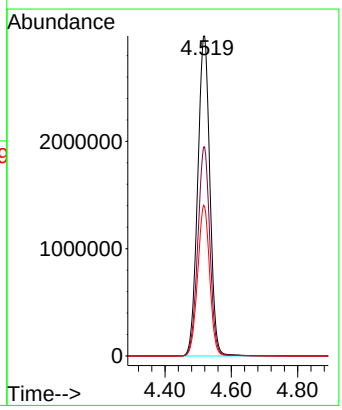


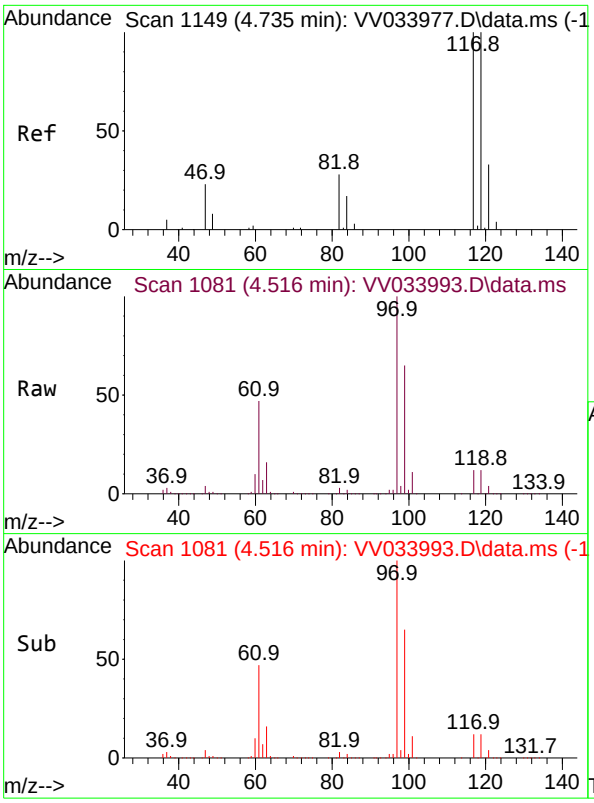


#29
1,1,1-Trichloroethane
Concen: 725.802 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. 0.010 min
Lab File: VV033993.D
Acq: 05 Feb 2024 17:14

Tgt Ion: 97 Resp: 7610331

Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.6	75.8
61	46.4	36.8	55.2



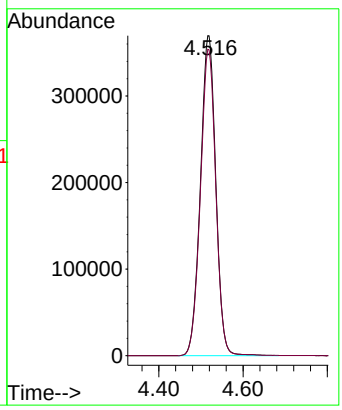


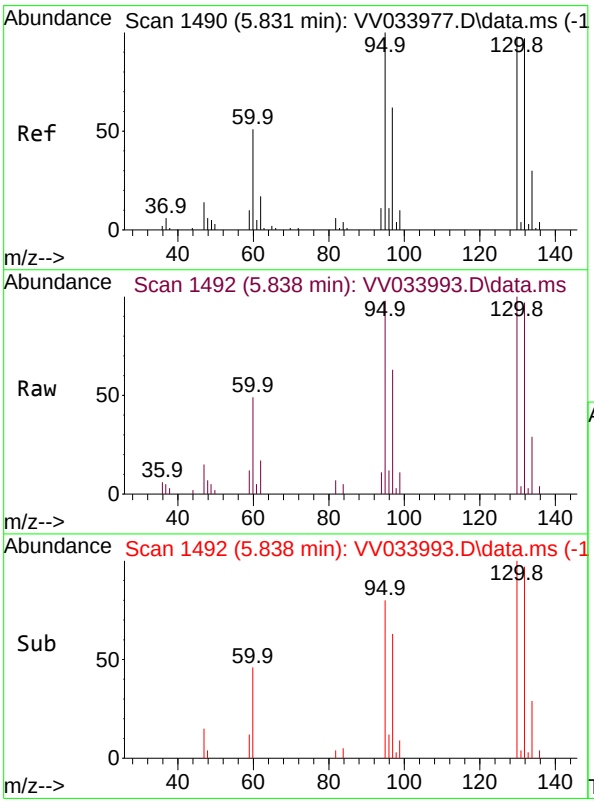
#31
Carbon tetrachloride
Concen: 102.001 ug/L
RT: 4.516 min Scan# 1
Delta R.T. -0.219 min
Lab File: VV033993.D
Acq: 05 Feb 2024 17:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:117 Resp: 935826

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.1	114.1

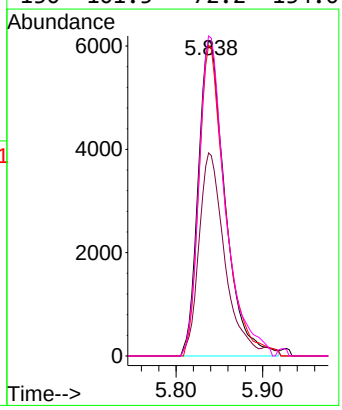


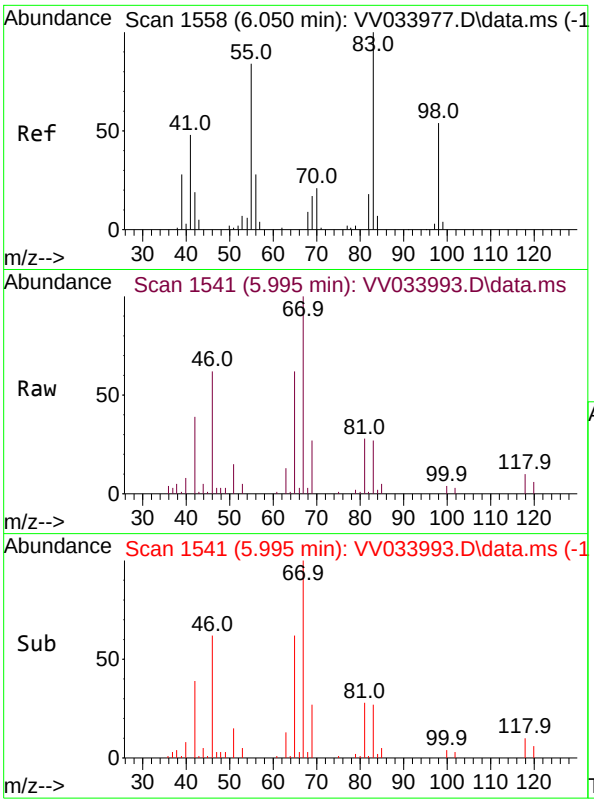


#34
Trichloroethene
Concen: 1.936 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV033993.D
Acq: 05 Feb 2024 17:14

Tgt Ion: 95 Resp: 13124

Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.1	83.7
132	98.6	66.0	122.6
130	101.5	72.2	134.0



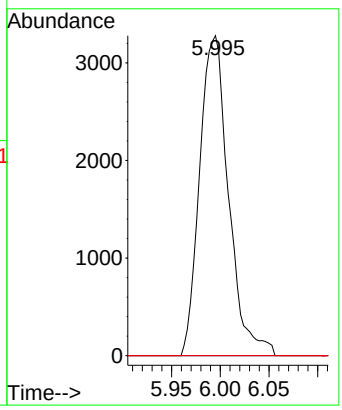


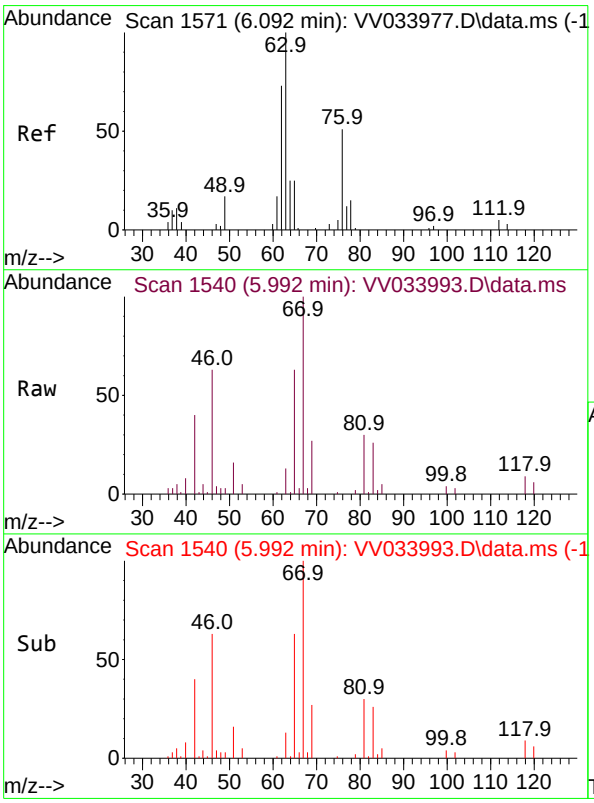
#35
Methylcyclohexane
Concen: 0.637 ug/L
RT: 5.995 min Scan# 1
Delta R.T. -0.055 min
Lab File: VV033993.D
Acq: 05 Feb 2024 17:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 6778

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

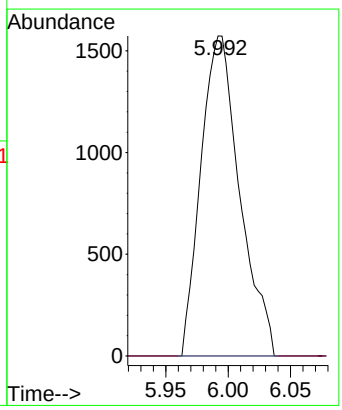


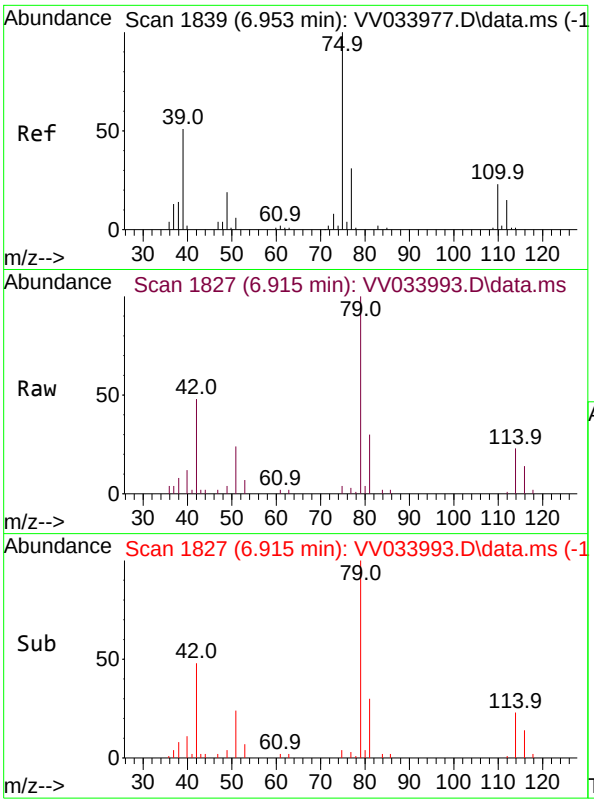


#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.100 min
Lab File: VV033993.D
Acq: 05 Feb 2024 17:14

Tgt Ion: 63 Resp: 3418

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



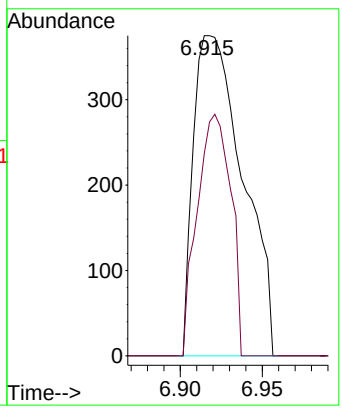


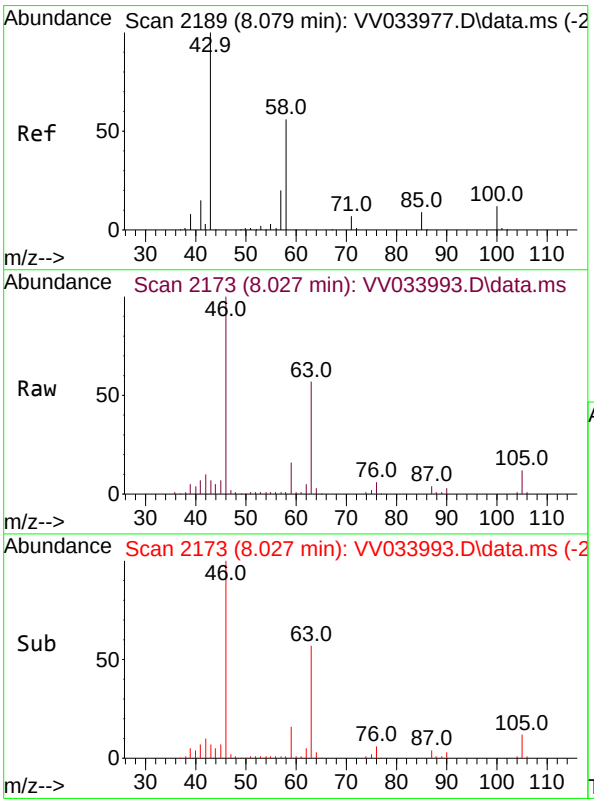
#39
cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 6.915 min Scan# 1
Delta R.T. -0.039 min
Lab File: VV033993.D
Acq: 05 Feb 2024 17:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 788

Ion	Ratio	Lower	Upper
75	100		
77	63.2	22.9	42.5#

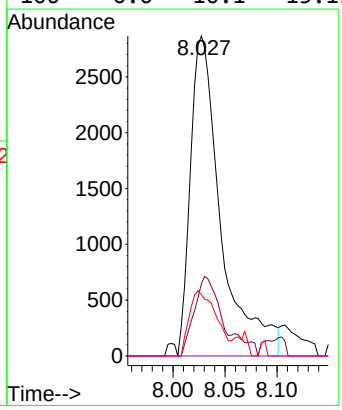


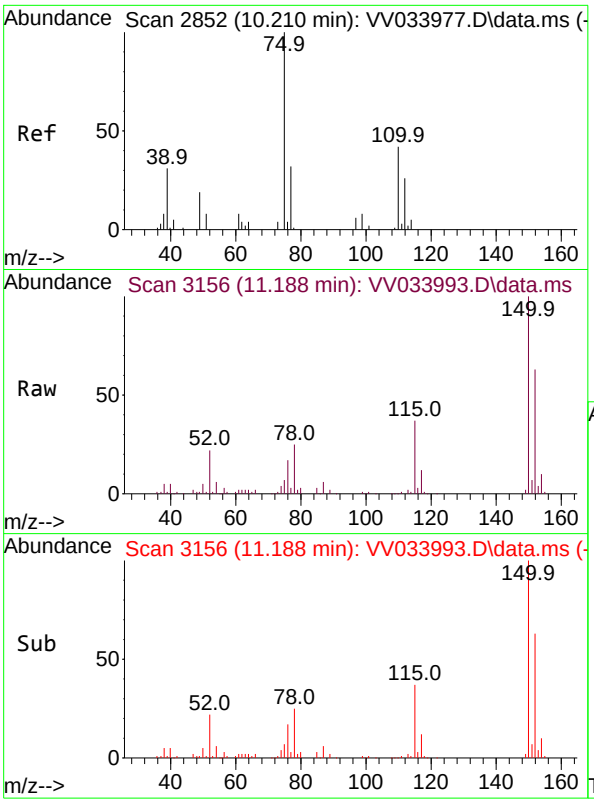


#48
2-Hexanone
Concen: 3.065 ug/L
RT: 8.027 min Scan# 2173
Delta R.T. -0.052 min
Lab File: VV033993.D
Acq: 05 Feb 2024 17:14

Tgt Ion: 43 Resp: 5870

Ion	Ratio	Lower	Upper
43	100		
58	23.8	42.6	64.0#
57	18.2	15.5	23.3
100	0.0	10.1	15.1#





#61
1,2,3-Trichloropropane
Concen: 1.795 ug/L
RT: 11.188 min Scan# 3
Delta R.T. 0.977 min
Lab File: VV033993.D
Acq: 05 Feb 2024 17:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 4994

Ion	Ratio	Lower	Upper
75	100		
77	38.9	26.9	40.3
110	1.8	33.3	49.9#