Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021524\
Data File : VV034190.D
Acq On : 15 Feb 2024 15:30
Operator : SY/MD
Sample : P1498-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD5

Quant Time: Feb 16 00:42:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 16 00:40:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	74458	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	62869	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	34981	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	20856	3.617	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.400%			
7) Chloroethane-d5	1.535	69	20145	3.988	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.800%			
11) 1,1-Dichloroethene-d2	2.063	65	10994	3.953	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.000%			
20) 2-Butanone-d5	3.796	46	45059	46.525	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.060%			
24) Chloroform-d	4.252	84	50967	4.864	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.200%			
26) 1,2-Dichloroethane-d4	4.947	65	24525	5.008	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.200%			
32) Benzene-d6	4.963	84	84790	4.495	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.000%			
36) 1,2-Dichloropropane-d6	6.001	67	21631	4.103	ug/L	0.01
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.000%			
41) Toluene-d8	7.246	98	69980	4.037	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.800%			
43) trans-1,3-Dichloroprop...	7.561	79	9163	4.602	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.000%			
46) 2-Hexanone-d5	8.027	63	30975	43.583	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.160%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	14906	4.663	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.200%			
66) 1,2-Dichlorobenzene-d4	11.561	152	28579	4.492	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	23141	3.254	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	67424	12.585	ug/L	99
12) 1,1-Dichloroethene	2.072	96	300182	57.710	ug/L #	70
17) Methyl tert-butyl Ether	2.706	73	5128	0.480	ug/L	95
18) trans-1,2-Dichloroethene	2.696	96	50949	9.617	ug/L	99
19) 1,1-Dichloroethane	3.114	63	75329	7.738	ug/L	97
22) cis-1,2-Dichloroethene	3.812	96	1951624	324.684	ug/L	97
25) Chloroform	4.278	83	88678	9.011	ug/L	96
29) 1,1,1-Trichloroethane	4.513	97	4310	0.511	ug/L	96
30) Cyclohexane	4.587	56	1509	0.184	ug/L	90
33) Benzene	5.018	78	13239	0.702	ug/L	100
34) Trichloroethene	5.886	95	31698124	5808.402	ug/L	94
45) 1,1,2-Trichloroethane	7.773	97	5024	1.781	ug/L	92
47) Tetrachloroethene	7.905	164	475529	107.240	ug/L	97
54) o-Xylene	9.484	106	1597	0.189	ug/L	94
60) Isopropylbenzene	9.869	105	16753	0.647	ug/L	98
64) 1,3-Dichlorobenzene	11.123	146	1037	0.092	ug/L	93
65) 1,4-Dichlorobenzene	11.210	146	9974	0.892	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	61712	6.367	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021524\
Data File : VV034190.D
Acq On : 15 Feb 2024 15:30
Operator : SY/MD
Sample : P1498-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD5

Quant Time: Feb 16 00:42:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 16 00:40:49 2024
Response via : Initial Calibration

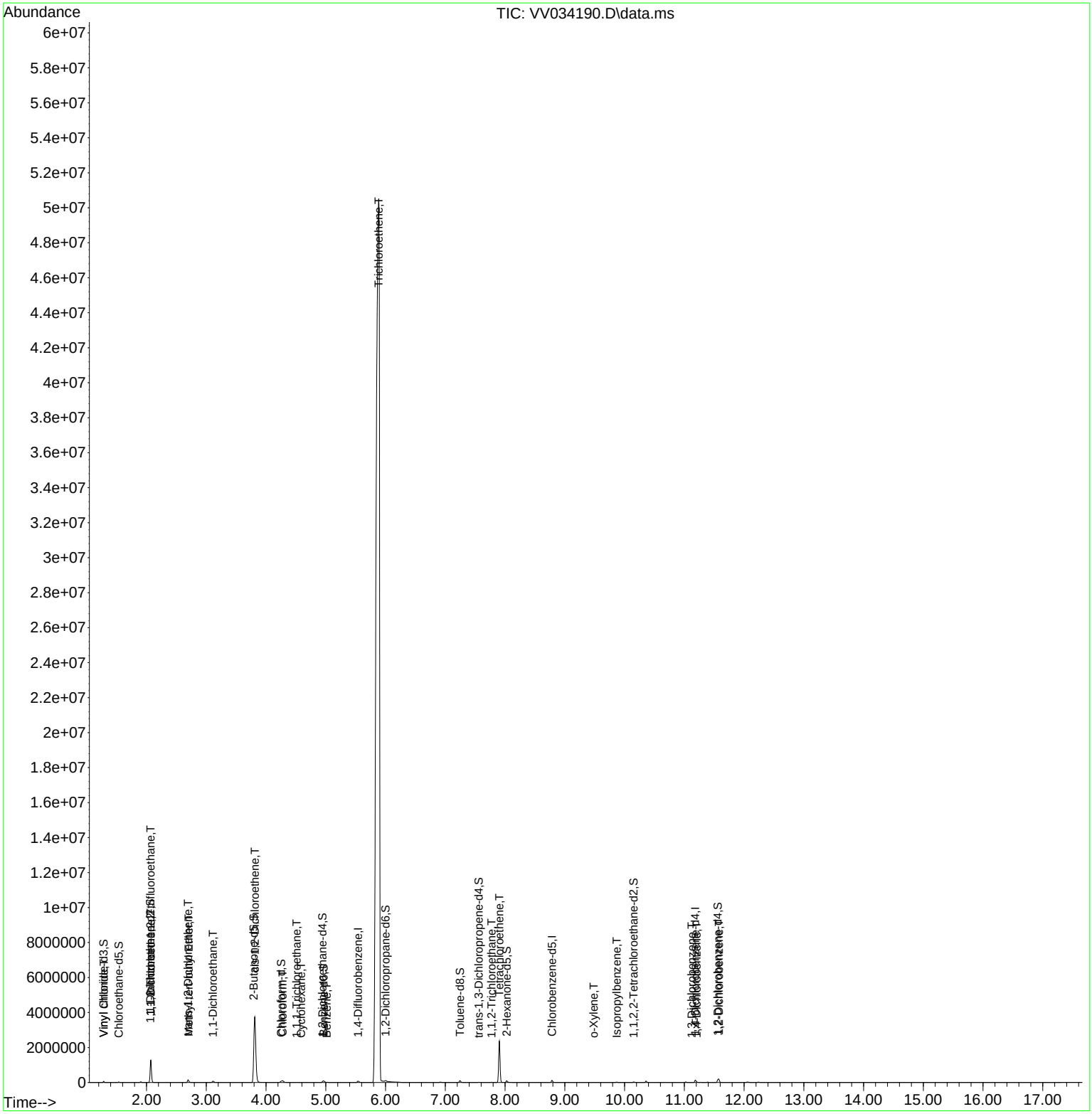
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

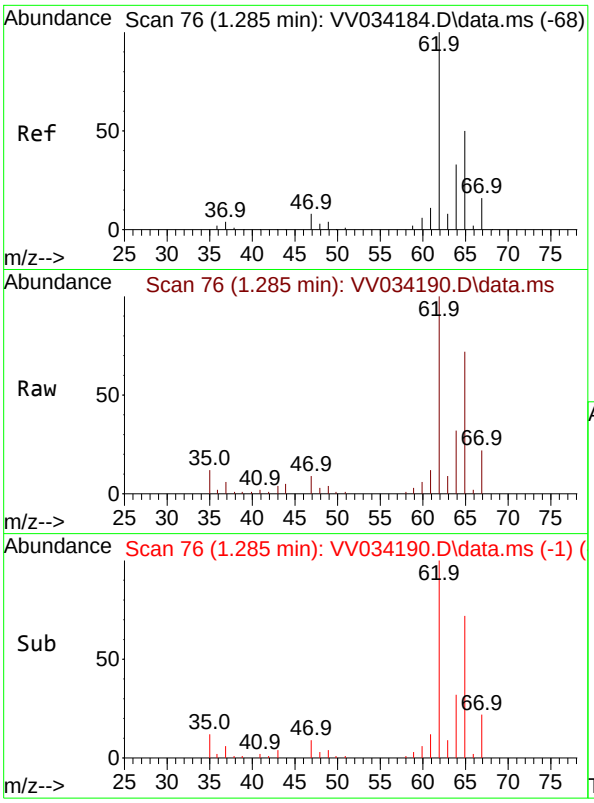
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021524\
Data File : VV034190.D
Acq On : 15 Feb 2024 15:30
Operator : SY/MD
Sample : P1498-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD5

Quant Time: Feb 16 00:42:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 16 00:40:49 2024
Response via : Initial Calibration



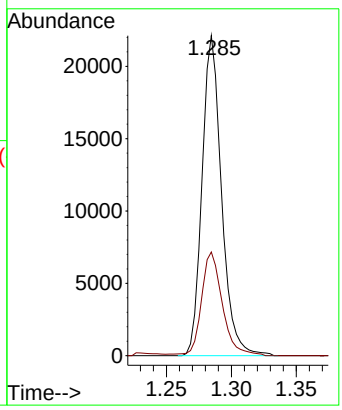


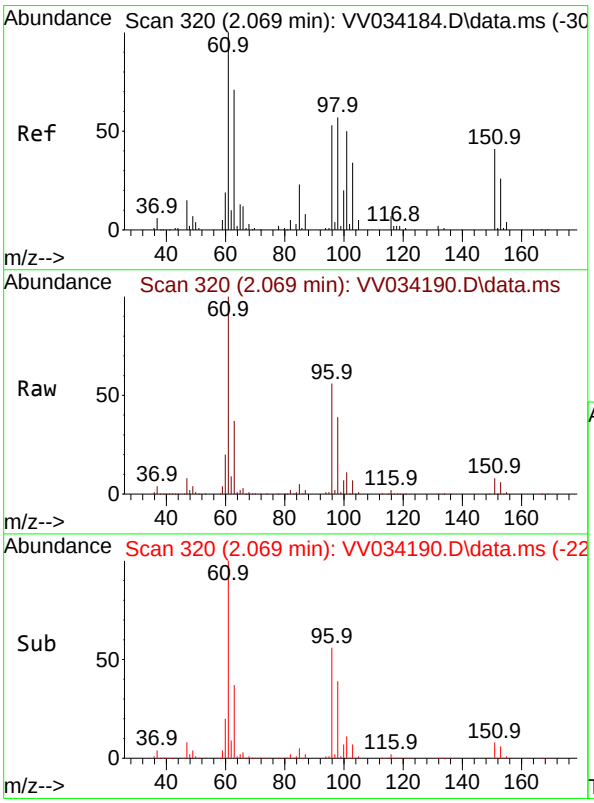
#5
Vinyl chloride
Concen: 3.254 ug/L
RT: 1.285 min Scan# 7
Delta R.T. -0.000 min
Lab File: VV034190.D
Acq: 15 Feb 2024 15:30

Instrument :
MSVOA_V
ClientSampleId :
C0AD5

Tgt Ion: 62 Resp: 23141

Ion	Ratio	Lower	Upper
62	100		
64	32.4	27.2	50.4

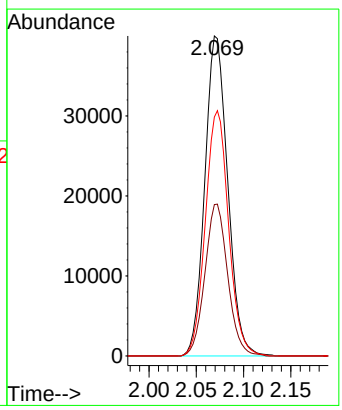


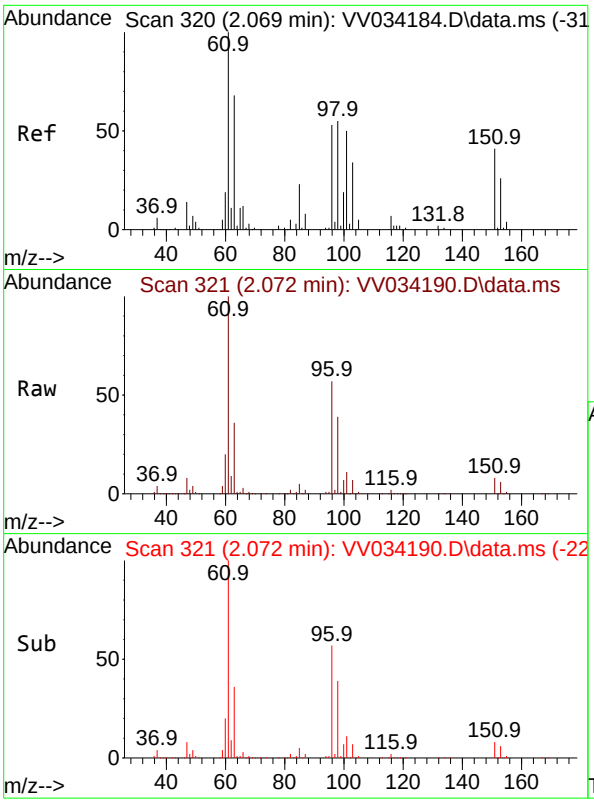


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 12.585 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV034190.D
Acq: 15 Feb 2024 15:30

Tgt Ion:101 Resp: 67424

Ion	Ratio	Lower	Upper
101	100		
85	47.2	37.1	55.7
151	77.9	61.7	92.5



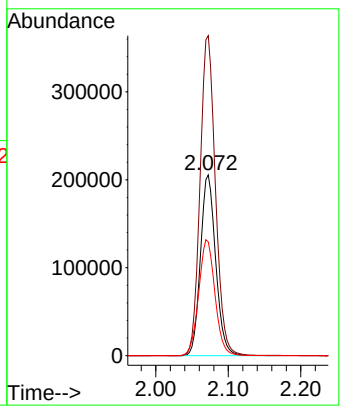


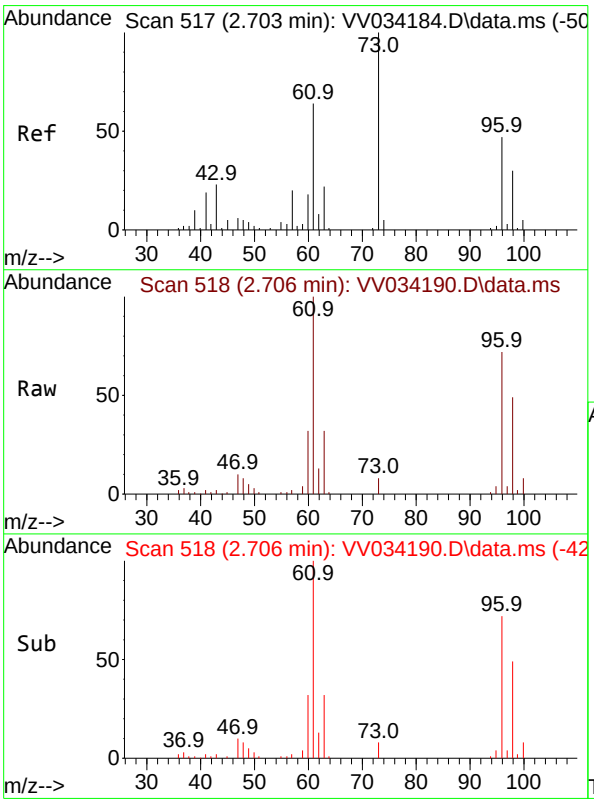
#12
1,1-Dichloroethene
Concen: 57.710 ug/L
RT: 2.072 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV034190.D
Acq: 15 Feb 2024 15:30

Instrument :
MSVOA_V
ClientSampleId :
C0AD5

Tgt Ion: 96 Resp: 300182

Ion	Ratio	Lower	Upper
96	100		
61	176.9	128.8	239.2
63	62.9	97.9	181.9#

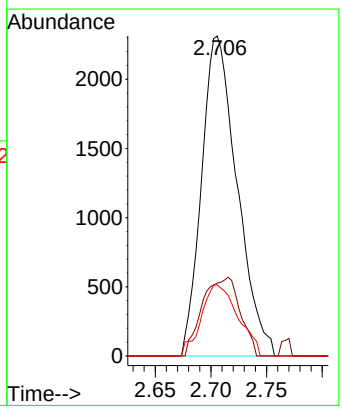


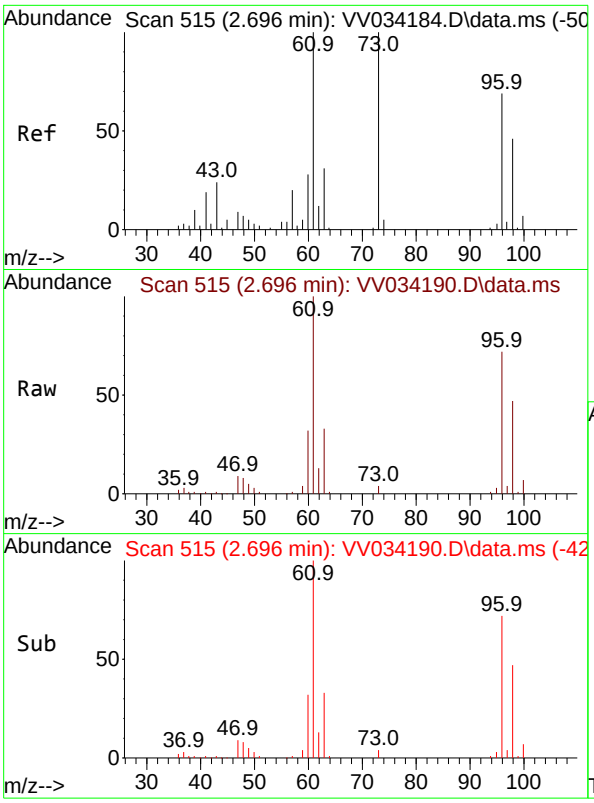


#17
Methyl tert-butyl Ether
Concen: 0.480 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV034190.D
Acq: 15 Feb 2024 15:30

Tgt Ion: 73 Resp: 5128

Ion	Ratio	Lower	Upper
73	100		
43	26.1	17.7	26.5
57	23.0	17.9	26.9



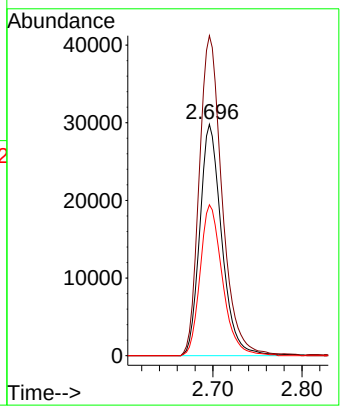


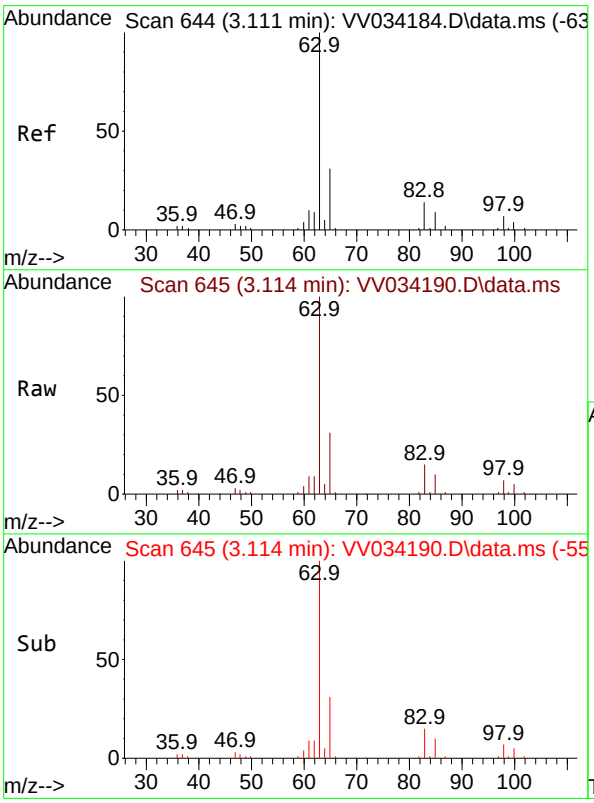
#18
trans-1,2-Dichloroethene
Concen: 9.617 ug/L
RT: 2.696 min Scan# 5
Delta R.T. -0.000 min
Lab File: VV034190.D
Acq: 15 Feb 2024 15:30

Instrument :
MSVOA_V
ClientSampleId :
C0AD5

Tgt Ion: 96 Resp: 50949

Ion	Ratio	Lower	Upper
96	100		
61	138.3	97.6	181.4
98	65.2	44.4	82.5

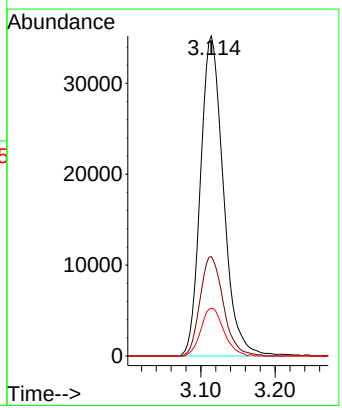


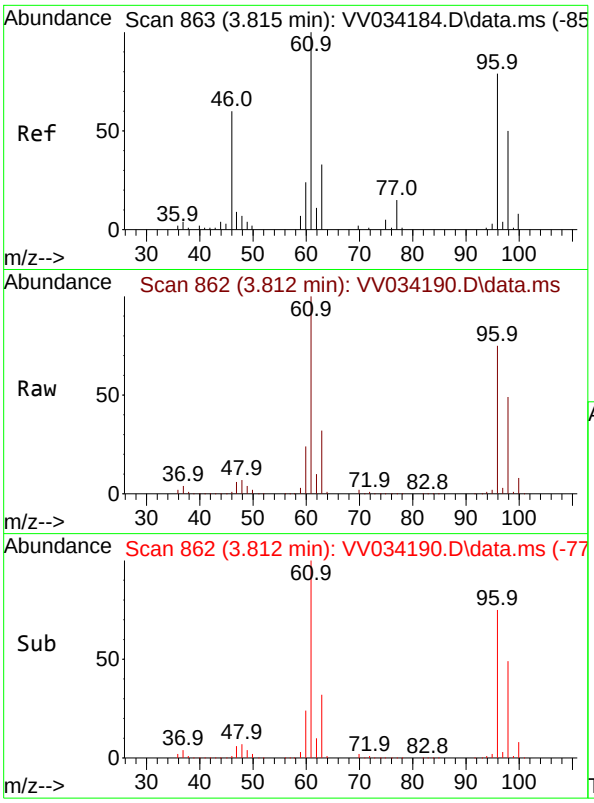


#19
1,1-Dichloroethane
Concen: 7.738 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV034190.D
Acq: 15 Feb 2024 15:30

Tgt Ion: 63 Resp: 75329

Ion	Ratio	Lower	Upper
63	100		
65	31.1	20.8	38.6
83	14.9	9.4	17.4



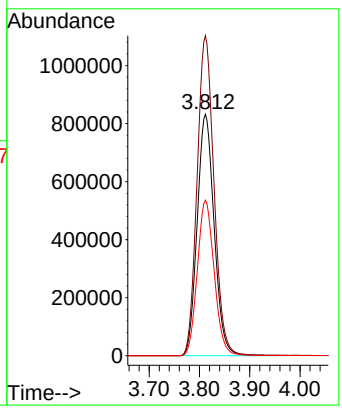


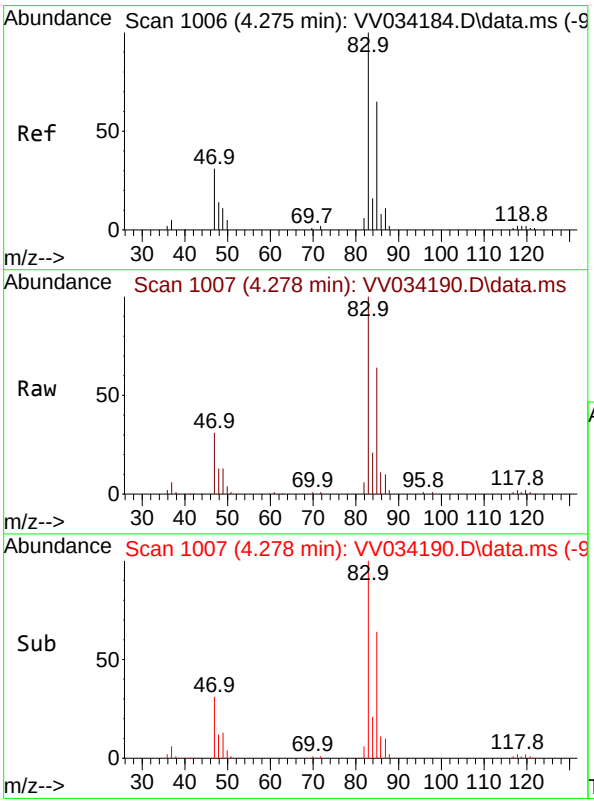
#22
cis-1,2-Dichloroethene
Concen: 324.684 ug/L
RT: 3.812 min Scan# 8
Delta R.T. -0.003 min
Lab File: VV034190.D
Acq: 15 Feb 2024 15:30

Instrument :
MSVOA_V
ClientSampleId :
C0AD5

Tgt Ion: 96 Resp: 1951624

Ion	Ratio	Lower	Upper
96	100		
61	132.6	90.3	167.7
98	64.4	43.2	80.2

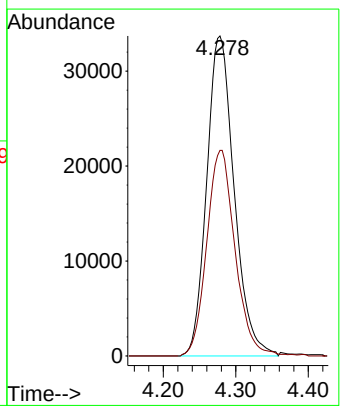


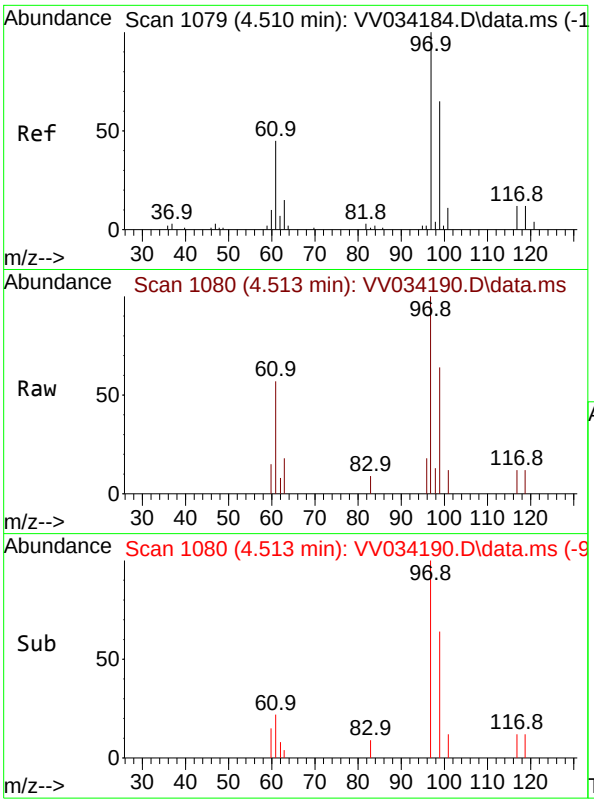


#25
Chloroform
Concen: 9.011 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.003 min
Lab File: VV034190.D
Acq: 15 Feb 2024 15:30

Tgt Ion: 83 Resp: 88678

Ion	Ratio	Lower	Upper
83	100		
85	64.3	47.5	88.1



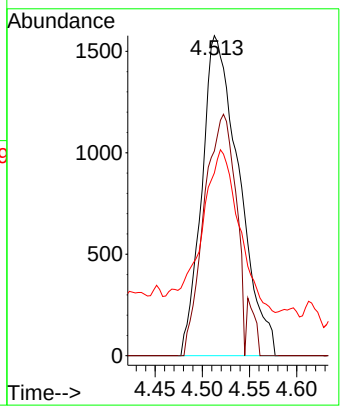


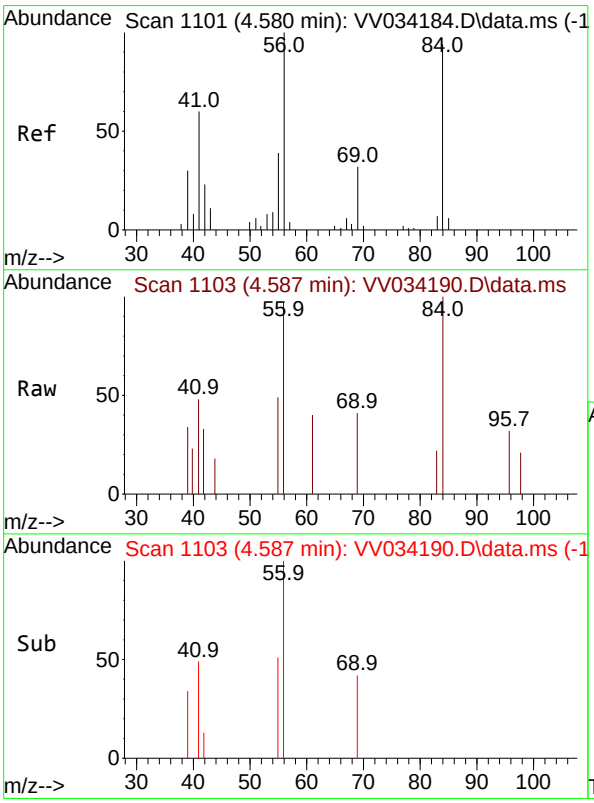
#29
1,1,1-Trichloroethane
Concen: 0.511 ug/L
RT: 4.513 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV034190.D
Acq: 15 Feb 2024 15:30

Instrument :
MSVOA_V
ClientSampleId :
C0AD5

Tgt Ion: 97 Resp: 4310

Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.6	75.8
61	52.2	36.8	55.2

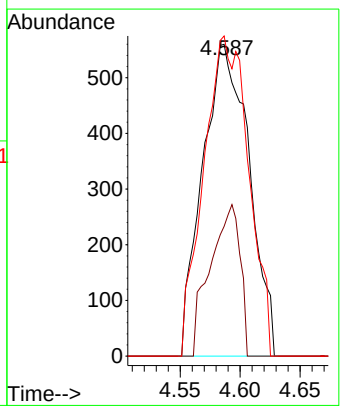


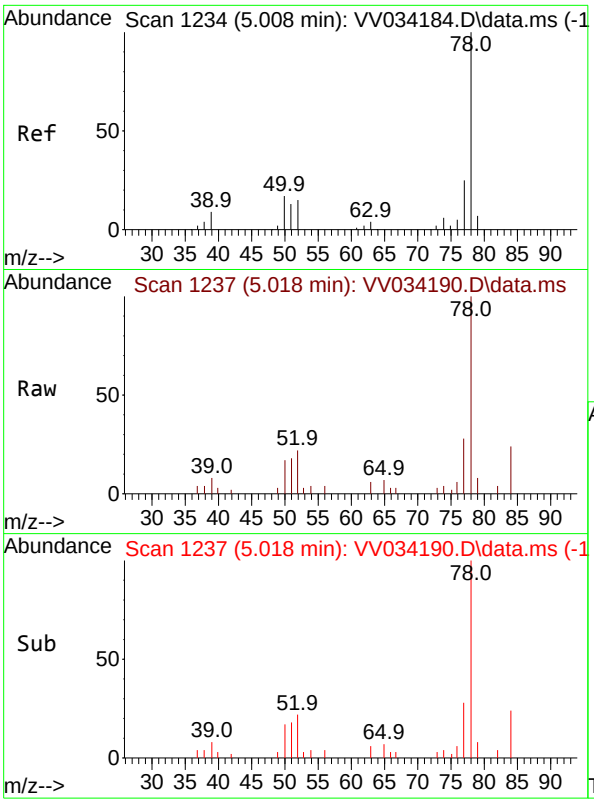


#30
Cyclohexane
Concen: 0.184 ug/L
RT: 4.587 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VV034190.D
Acq: 15 Feb 2024 15:30

Tgt Ion: 56 Resp: 1509

Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.2	36.2
84	99.3	70.0	105.0

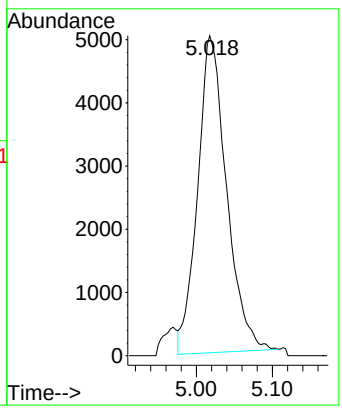


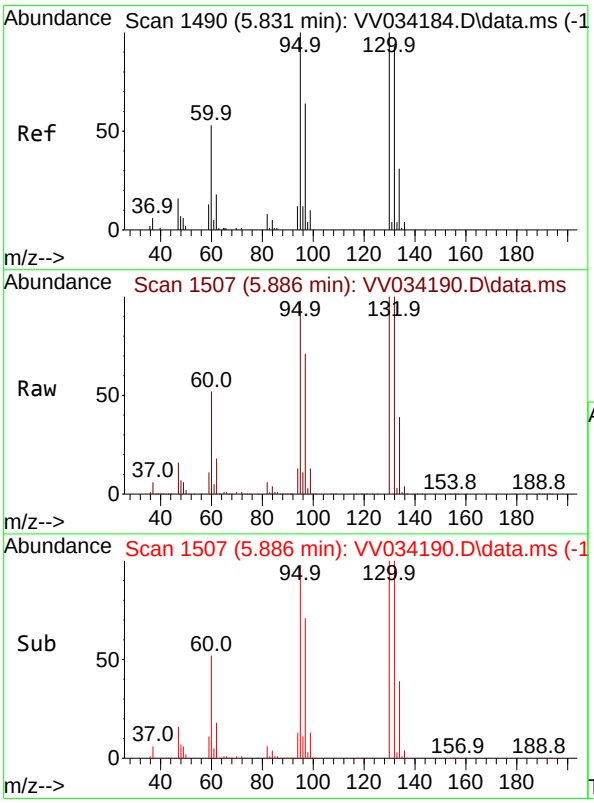


#33
Benzene
Concen: 0.702 ug/L
RT: 5.018 min Scan# 1
Delta R.T. 0.009 min
Lab File: VV034190.D
Acq: 15 Feb 2024 15:30

Instrument :
MSVOA_V
ClientSampleId :
C0AD5

Tgt Ion: 78 Resp: 13239

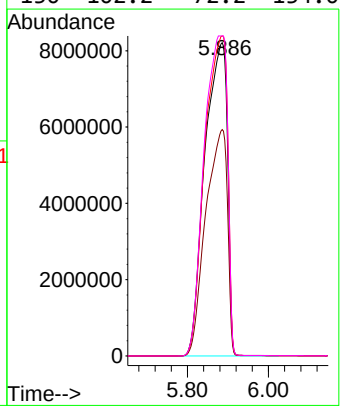


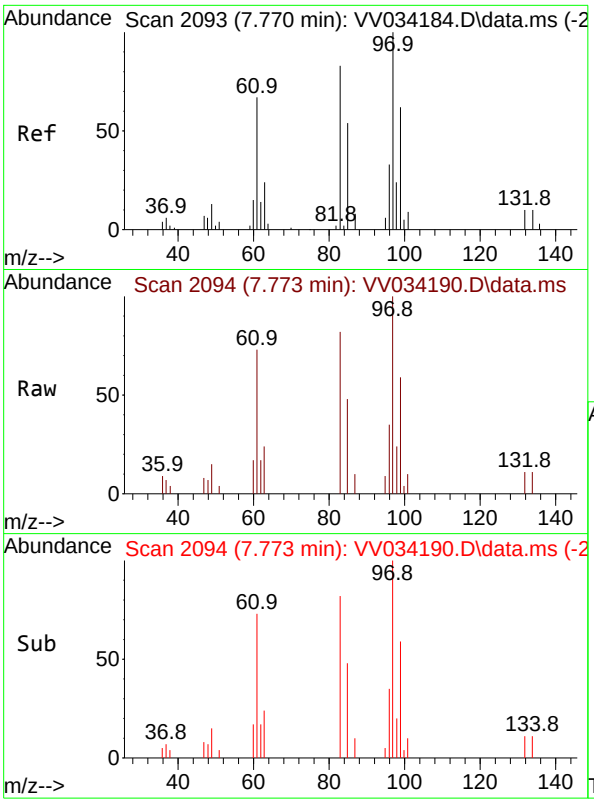


#34
Trichloroethene
Concen: 5808.402 ug/L
RT: 5.886 min Scan# 1507
Delta R.T. 0.054 min
Lab File: VV034190.D
Acq: 15 Feb 2024 15:30

Tgt Ion: 95 Resp:31698124

Ion	Ratio	Lower	Upper
95	100		
97	72.3	45.1	83.7
132	102.2	66.0	122.6
130	102.2	72.2	134.0



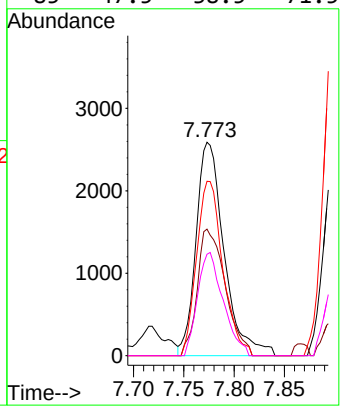


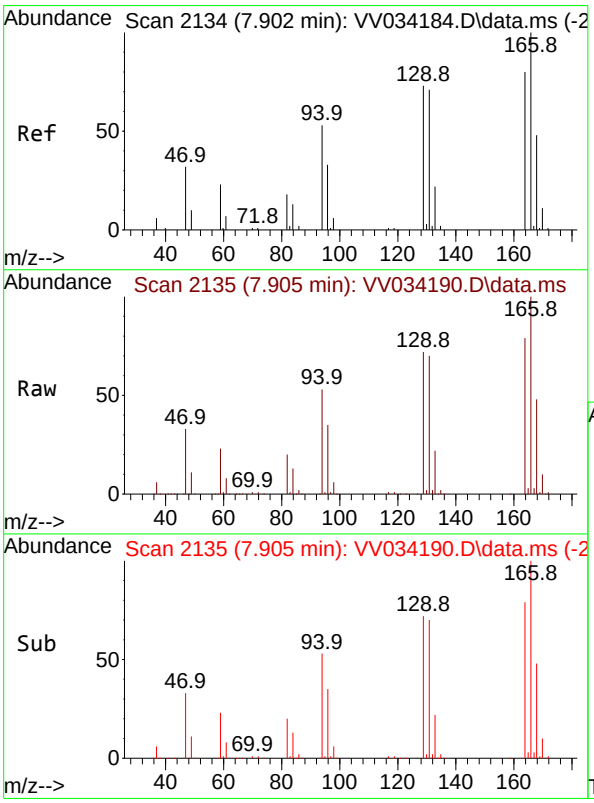
#45
1,1,2-Trichloroethane
Concen: 1.781 ug/L
RT: 7.773 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV034190.D
Acq: 15 Feb 2024 15:30

Instrument :
MSVOA_V
ClientSampleId :
C0AD5

Tgt Ion: 97 Resp: 5024

Ion	Ratio	Lower	Upper
97	100		
99	59.3	45.6	84.6
83	81.7	62.3	115.7
85	47.5	38.5	71.5

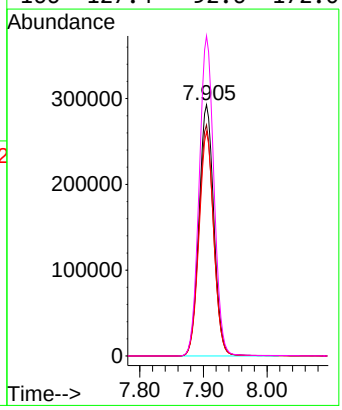


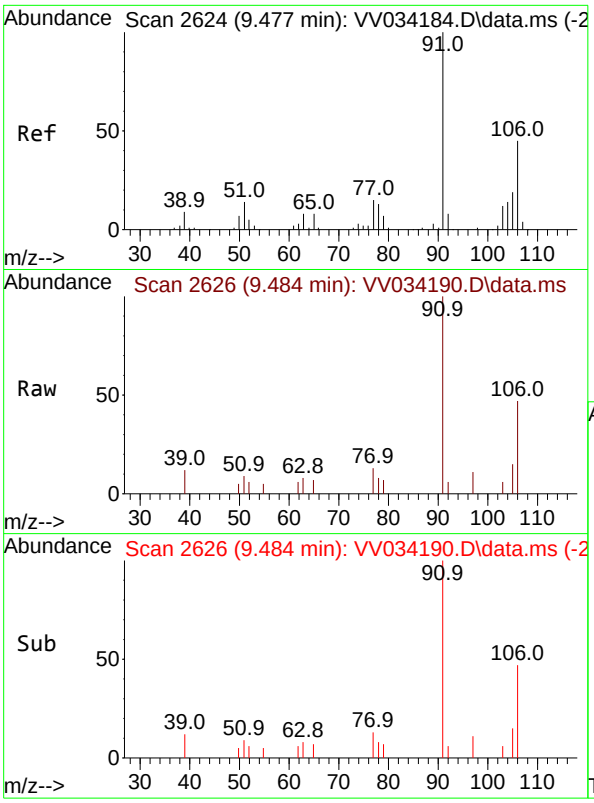


#47
Tetrachloroethene
Concen: 107.240 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034190.D
Acq: 15 Feb 2024 15:30

Tgt Ion:164 Resp: 475529

Ion	Ratio	Lower	Upper
164	100		
129	92.0	67.8	125.8
131	89.2	63.0	117.0
166	127.4	92.6	172.0



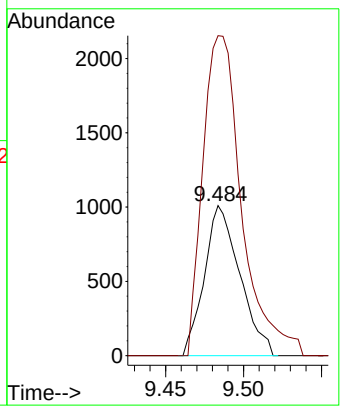


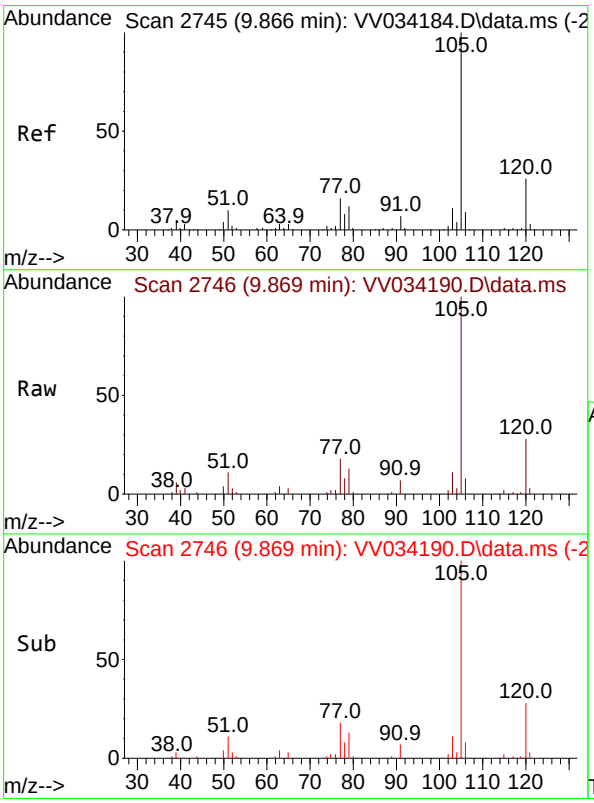
#54
o-Xylene
Concen: 0.189 ug/L
RT: 9.484 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV034190.D
Acq: 15 Feb 2024 15:30

Instrument :
MSVOA_V
ClientSampleId :
C0AD5

Tgt Ion:106 Resp: 1597

Ion	Ratio	Lower	Upper
106	100		
91	213.3	156.2	290.0

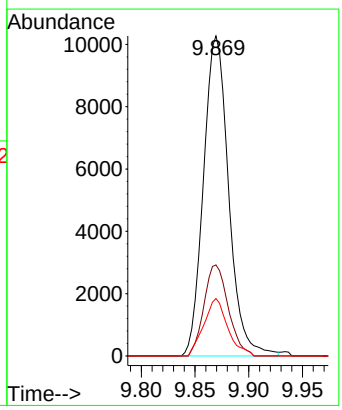


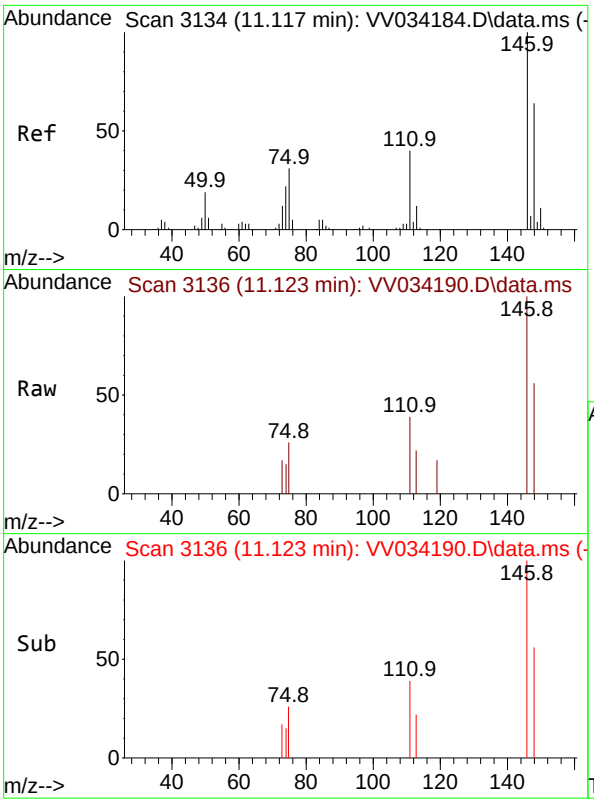


#60
Isopropylbenzene
Concen: 0.647 ug/L
RT: 9.869 min Scan# 2746
Delta R.T. 0.003 min
Lab File: VV034190.D
Acq: 15 Feb 2024 15:30

Tgt Ion:105 Resp: 16753

Ion	Ratio	Lower	Upper
105	100		
120	27.4	20.7	31.1
77	17.0	13.0	19.6



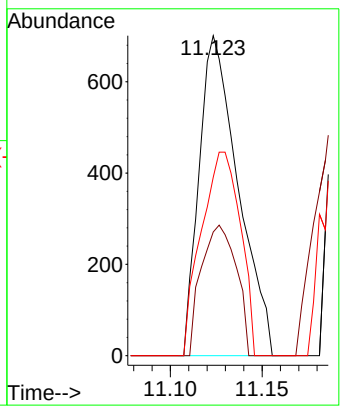


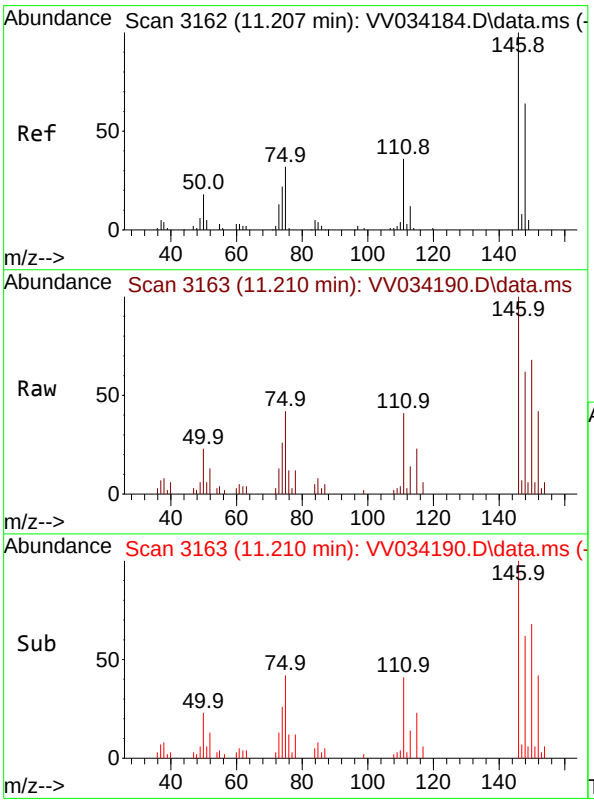
#64
1,3-Dichlorobenzene
Concen: 0.092 ug/L
RT: 11.123 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV034190.D
Acq: 15 Feb 2024 15:30

Instrument :
MSVOA_V
ClientSampleId :
C0AD5

Tgt Ion:146 Resp: 1037

Ion	Ratio	Lower	Upper
146	100		
111	38.7	28.5	52.9
148	55.8	44.4	82.4

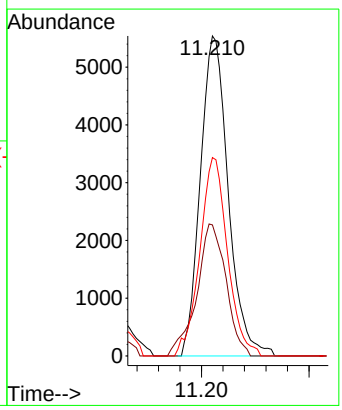


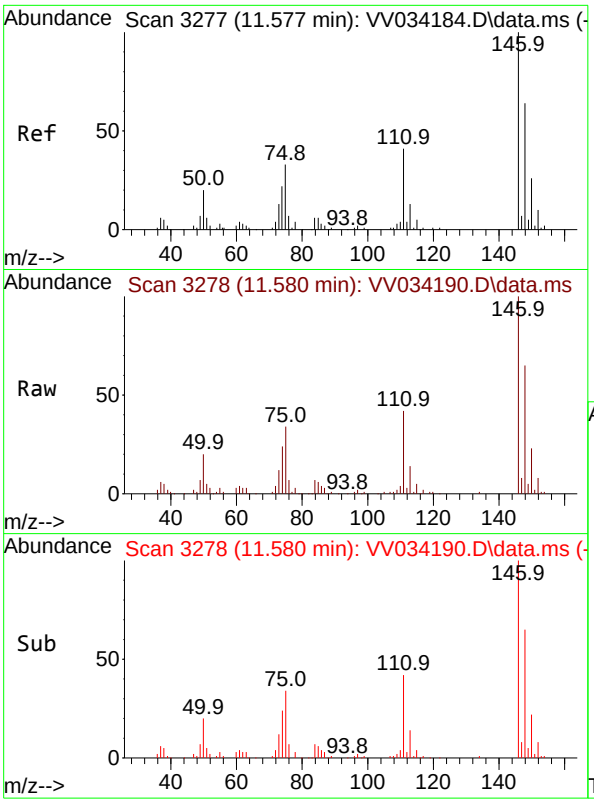


#65
1,4-Dichlorobenzene
Concen: 0.892 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034190.D
Acq: 15 Feb 2024 15:30

Tgt Ion:146 Resp: 9974

Ion	Ratio	Lower	Upper
146	100		
111	41.0	27.6	51.4
148	62.0	44.8	83.2





#67
1,2-Dichlorobenzene
Concen: 6.367 ug/L
RT: 11.580 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV034190.D
Acq: 15 Feb 2024 15:30

Instrument :
MSVOA_V
ClientSampleId :
C0AD5

Tgt Ion:146 Resp: 61712

Ion	Ratio	Lower	Upper
146	100		
111	42.0	31.2	46.8
148	64.7	49.8	74.8