Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
Data File : VW031634.D
Acq On : 29 Jan 2025 12:17
Operator : SY/MD
Sample : Q1190-18
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 30 07:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jan 30 07:28:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	590332	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	511739	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	232070	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	152849	16.500	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.000%			
7) Chloroethane-d5	2.893	69	122941	18.584	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.320%			
11) 1,1-Dichloroethene-d2	4.015	65	79862	19.377	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.520%			
21) 2-Butanone-d5	7.087	46	97786	65.668	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.340%			
24) Chloroform-d	7.642	84	413703	27.079	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.320%			
26) 1,2-Dichloroethane-d4	8.300	65	197202	26.225	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.880%			
32) Benzene-d6	8.270	84	739364	23.001	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.000%			
36) 1,2-Dichloropropane-d6	9.270	67	230640	24.301	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.200%			
41) Toluene-d8	10.318	98	661449	22.795	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.160%			
43) trans-1,3-Dichloroprop...	10.574	79	97541	25.027	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.120%			
47) 2-Hexanone-d5	10.922	63	67176	69.358	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 138.720%#			
56) 1,1,2,2-Tetrachloroeth...	12.684	84	185432	31.949	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 127.800%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	204882	25.171	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.680%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.039	96	309769	39.434	ug/L	88
13) Acetone	4.143	43	149018	130.027	ug/L #	57
16) Methylene chloride	4.917	84	644775	80.198	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	248058	29.401	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	572120	42.288	ug/L	99
19) 1,1-Dichloroethane	6.215	63	1355416	85.389	ug/L	100
22) 2-Butanone	7.173	43	538205	274.971	ug/L	99
25) Chloroform	7.673	83	1338953	88.683	ug/L	95
30) 1,1,1-Trichloroethane	7.868	97	7930	0.597	ug/L	98
31) Carbon tetrachloride	8.063	117	177754	15.092	ug/L	99
33) Benzene	8.319	78	2170726	61.979	ug/L	100
34) Trichloroethene	9.087	95	834658	88.640	ug/L	98
37) 1,2-Dichloropropane	9.361	63	323598	36.761	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	840509	60.697	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	711137	161.847	ug/L	99
44) trans-1,3-Dichloropropene	10.599	75	783263	70.764	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	296490	52.547	ug/L	98
50) 1,2-Dibromoethane	11.233	107	264860	50.648	ug/L	93
53) m,p-Xylene	11.830	106	742231	46.340	ug/L	94

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
Data File : VW031634.D
Acq On : 29 Jan 2025 12:17
Operator : SY/MD
Sample : Q1190-18
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 30 07:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jan 30 07:28:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) o-Xylene	12.160	106	889818	59.778	ug/L		99
55) Styrene	12.160	104	44334	1.790	ug/L	#	1
57) 1,1,2,2-Tetrachloroethane	12.708	83	345183	55.675	ug/L		100
59) Bromoform	12.342	173	60711	19.633	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	403278	92.536	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	622259	38.699	ug/L		97
65) 1,4-Dichlorobenzene	13.574	146	621881	39.105	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.476	75	26585	27.286	ug/L		93
69) 1,3,5-Trichlorobenzene	15.122	180	181649	16.670	ug/L		96
70) 1,2,4-trichlorobenzene	15.122	180	181649	20.929	ug/L		99
71) Naphthalene	15.360	128	1361319	83.648	ug/L		100

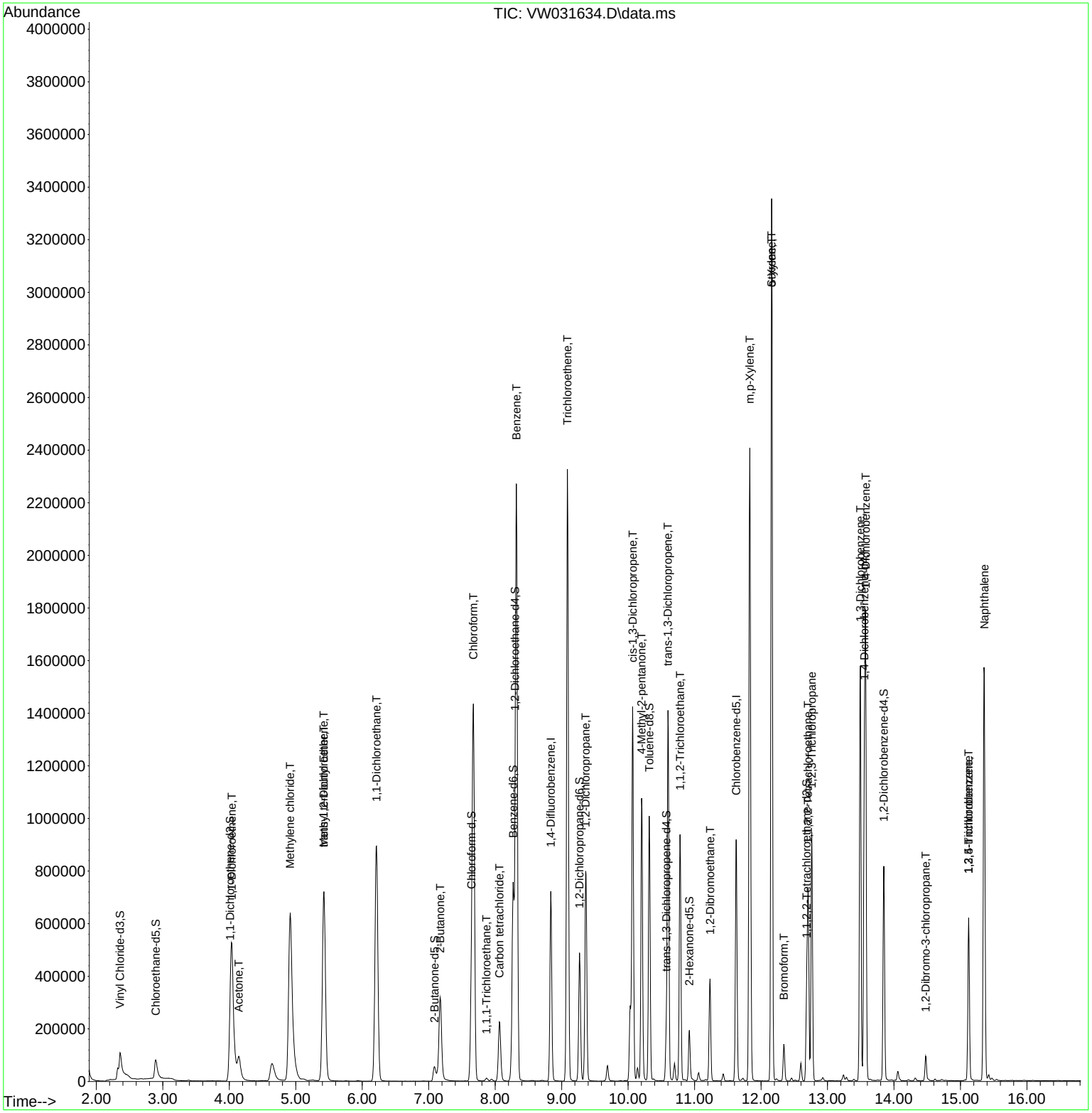
(#) = qualifier out of range (m) = manual integration (+) = signals summed

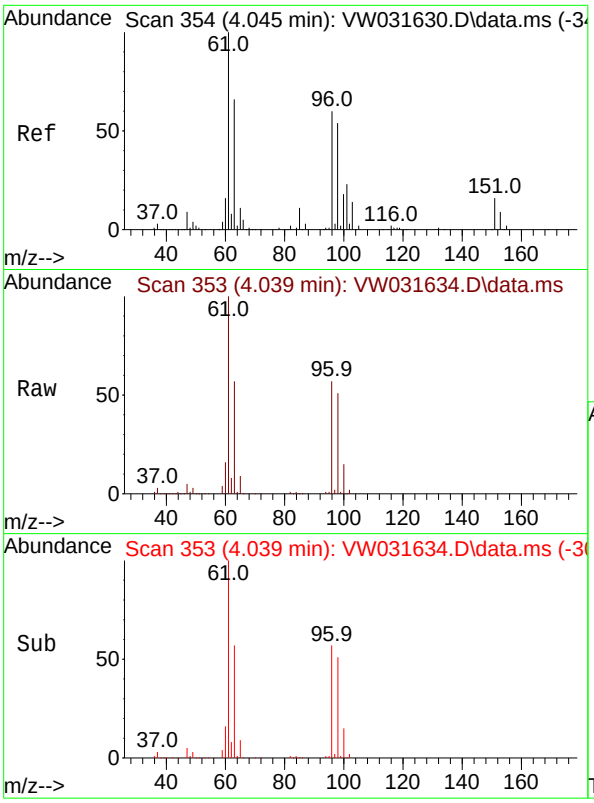
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
Data File : VW031634.D
Acq On : 29 Jan 2025 12:17
Operator : SY/MD
Sample : Q1190-18
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 30 07:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jan 30 07:28:52 2025
Response via : Initial Calibration



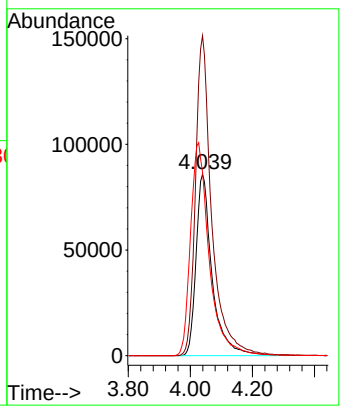


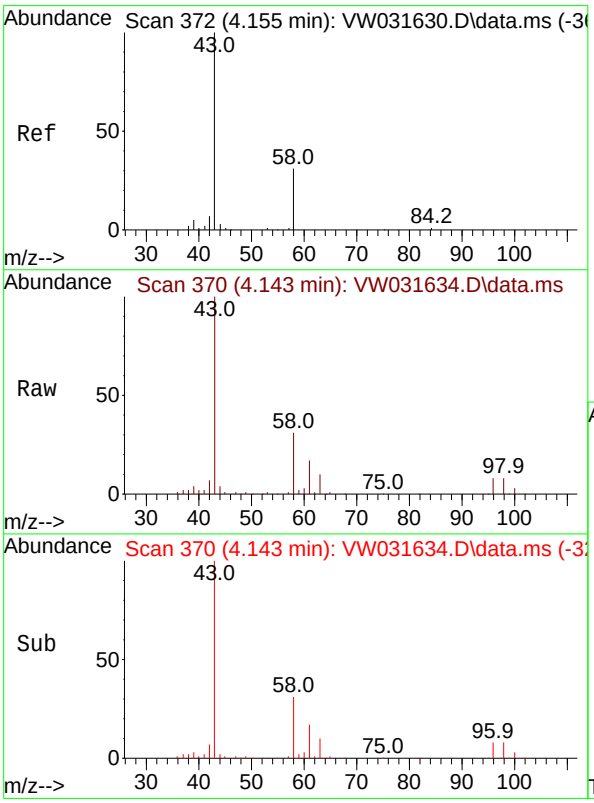
#12
1,1-Dichloroethene
Concen: 39.434 ug/L
RT: 4.039 min Scan# 3
Delta R.T. -0.006 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 96 Resp: 309769

Ion	Ratio	Lower	Upper
96	100		
61	176.4	123.8	230.0
63	101.4	94.1	174.8

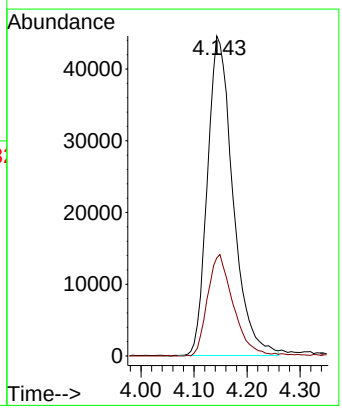


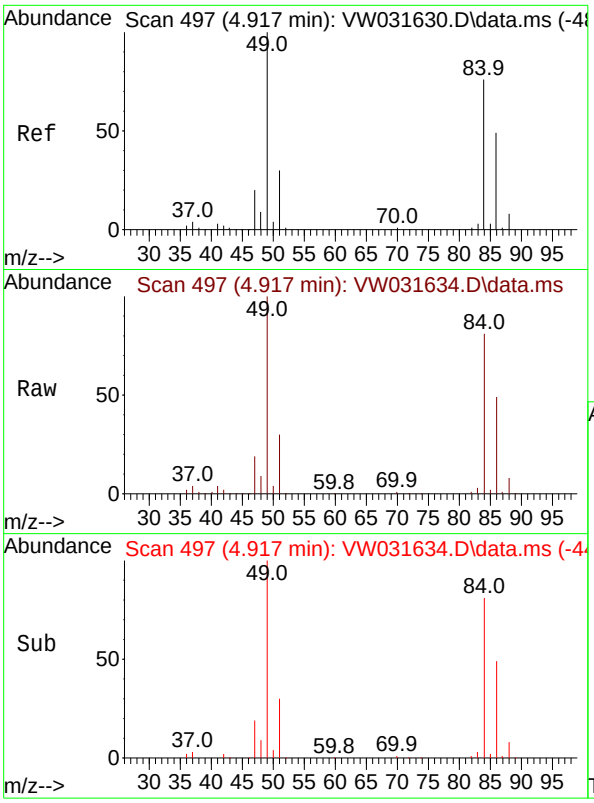


#13
Acetone
Concen: 130.027 ug/L
RT: 4.143 min Scan# 370
Delta R.T. -0.012 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Tgt Ion: 43 Resp: 149018

Ion	Ratio	Lower	Upper
43	100		
58	31.8	0.0	28.2#



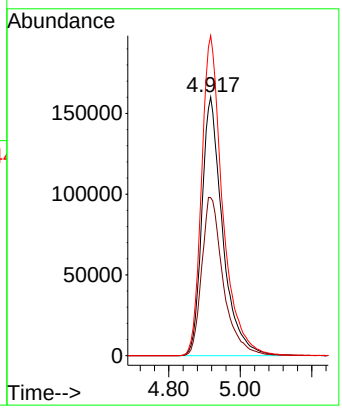


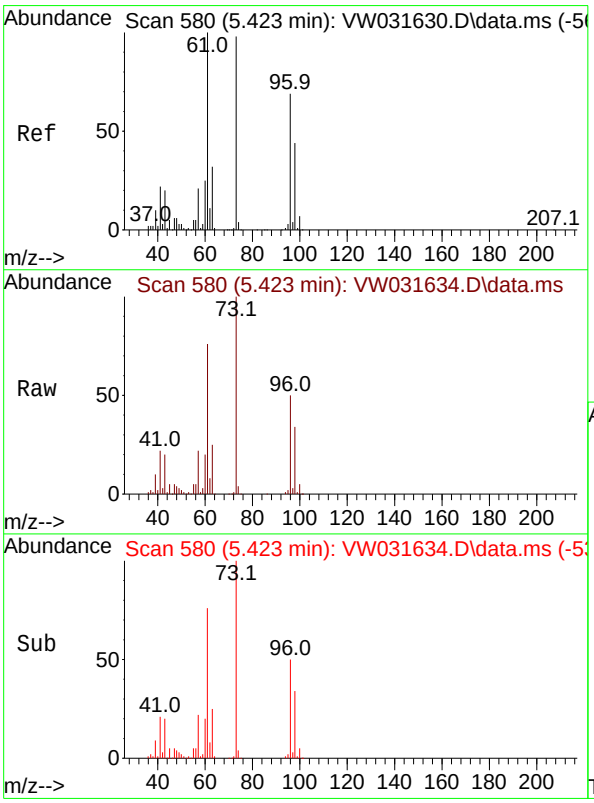
#16
Methylene chloride
Concen: 80.198 ug/L
RT: 4.917 min Scan# 4
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 84 Resp: 644775

Ion	Ratio	Lower	Upper
84	100		
86	61.1	47.0	87.2
49	123.7	89.8	166.8

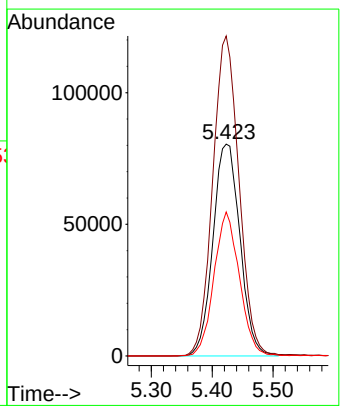


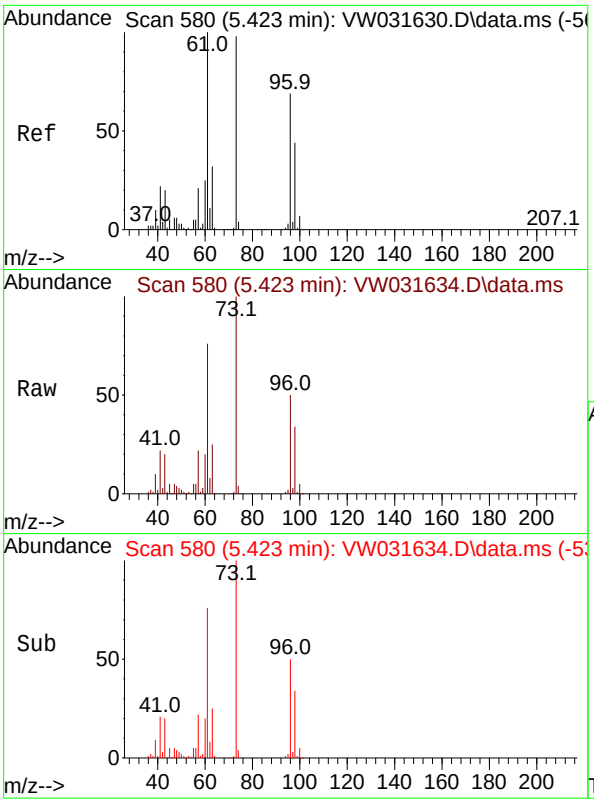


#17
trans-1,2-Dichloroethene
Concen: 29.401 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Tgt Ion: 96 Resp: 248058

Ion	Ratio	Lower	Upper
96	100		
61	151.0	105.1	195.1
98	68.0	44.9	83.3



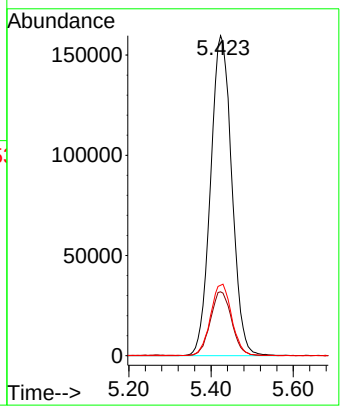


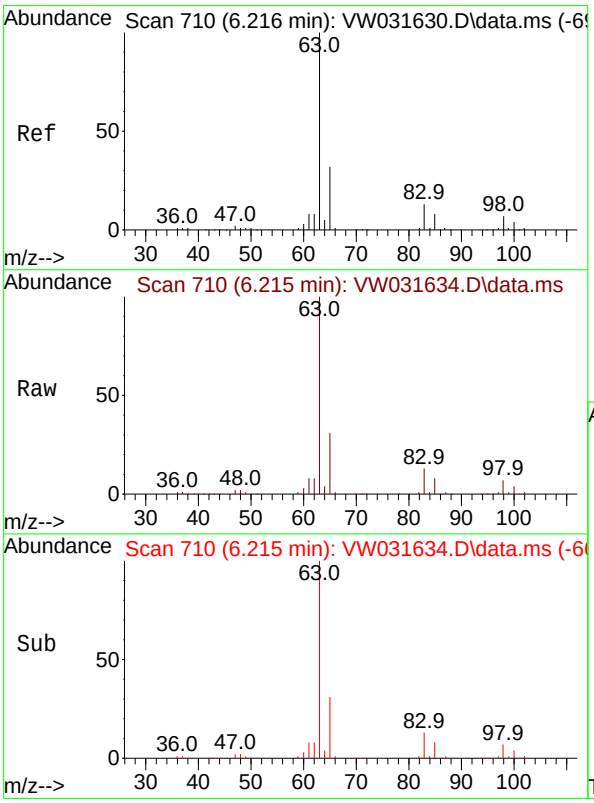
#18
Methyl tert-butyl Ether
Concen: 42.288 ug/L
RT: 5.423 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 73 Resp: 572120

Ion	Ratio	Lower	Upper
73	100		
43	19.8	16.4	24.6
57	22.2	18.2	27.2

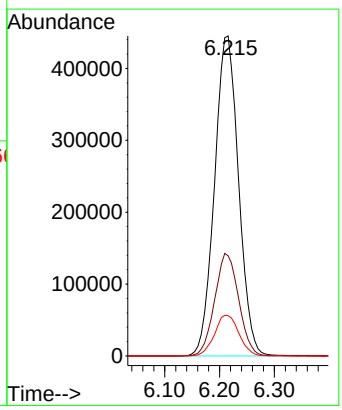


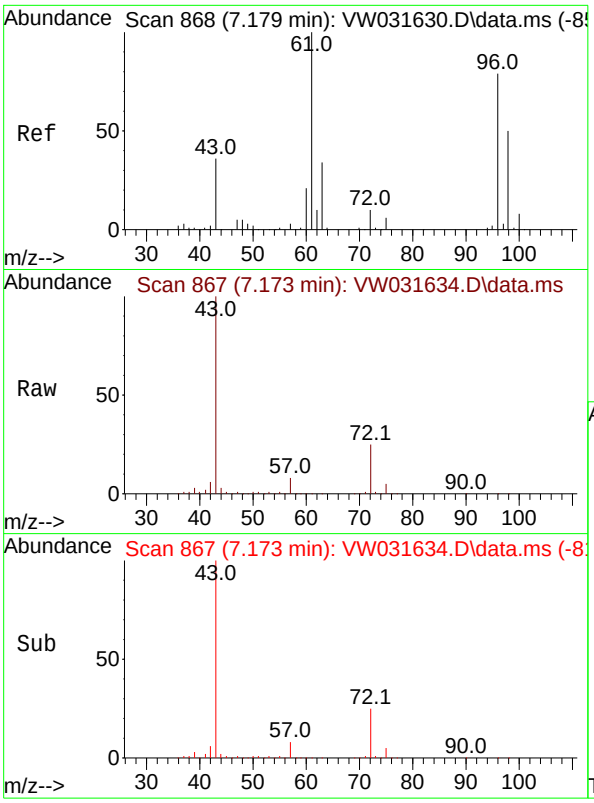


#19
1,1-Dichloroethane
Concen: 85.389 ug/L
RT: 6.215 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Tgt Ion: 63 Resp: 1355416

Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.0	41.0
83	12.6	9.0	16.6



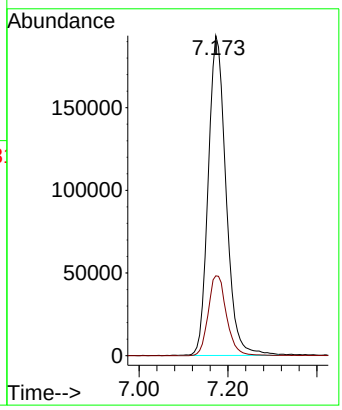


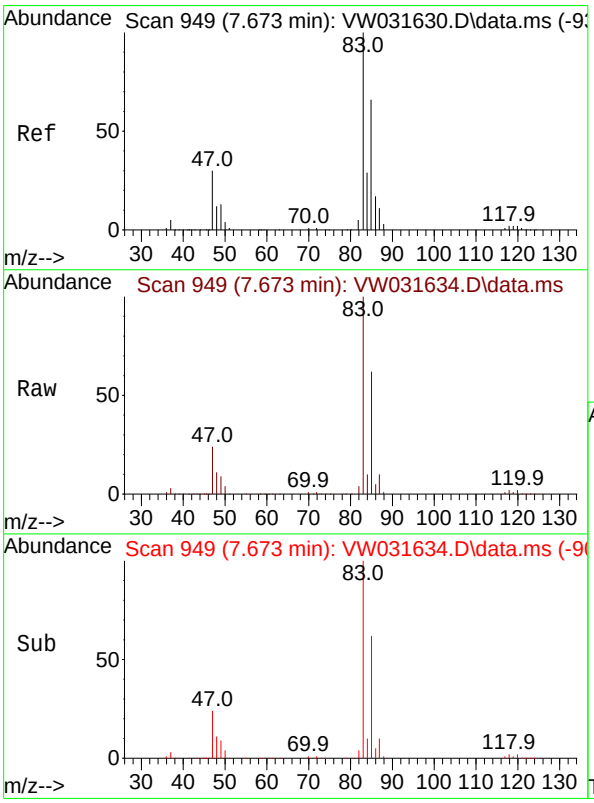
#22
2-Butanone
Concen: 274.971 ug/L
RT: 7.173 min Scan# 8
Delta R.T. -0.006 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 538205

Ion	Ratio	Lower	Upper
43	100		
72	25.7	13.2	39.5

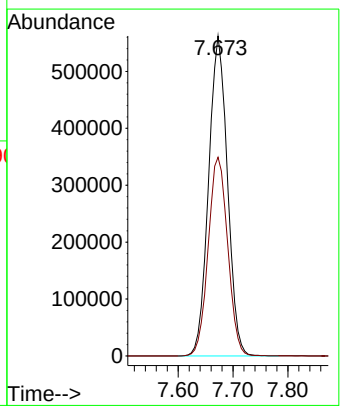


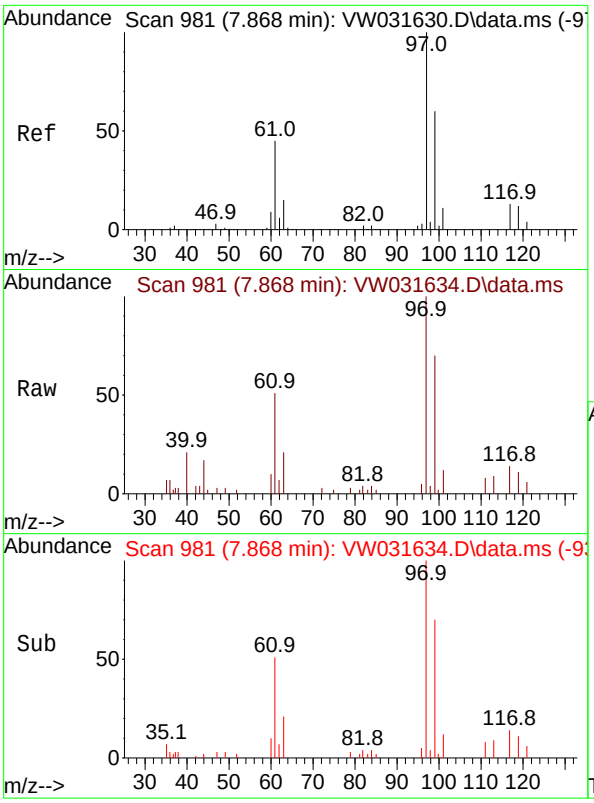


#25
Chloroform
Concen: 88.683 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Tgt Ion: 83 Resp: 1338953

Ion	Ratio	Lower	Upper
83	100		
85	62.1	46.2	85.8



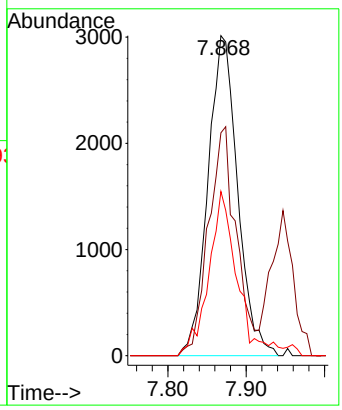


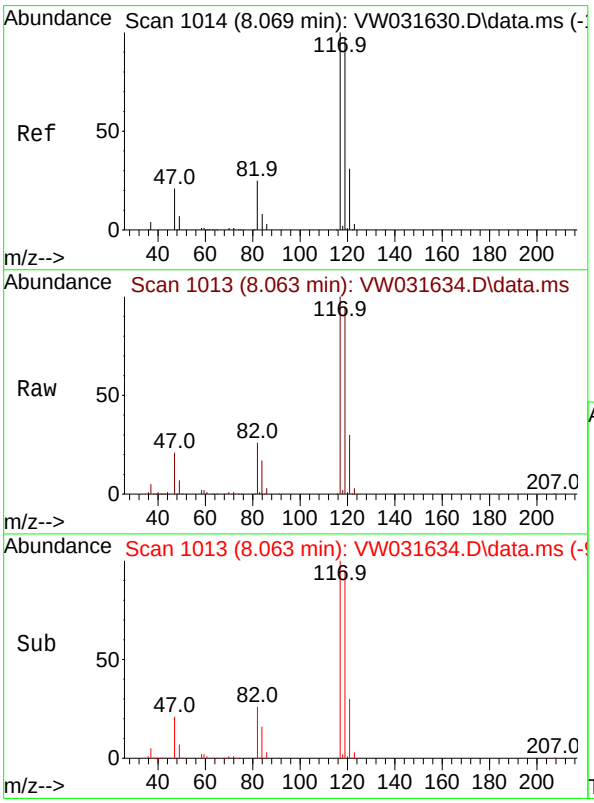
#30
1,1,1-Trichloroethane
Concen: 0.597 ug/L
RT: 7.868 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 7930

Ion	Ratio	Lower	Upper
97	100		
99	67.7	52.2	78.4
61	45.4	36.9	55.3

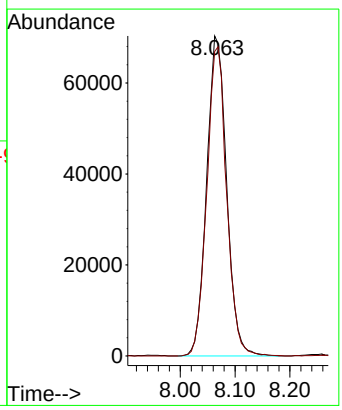


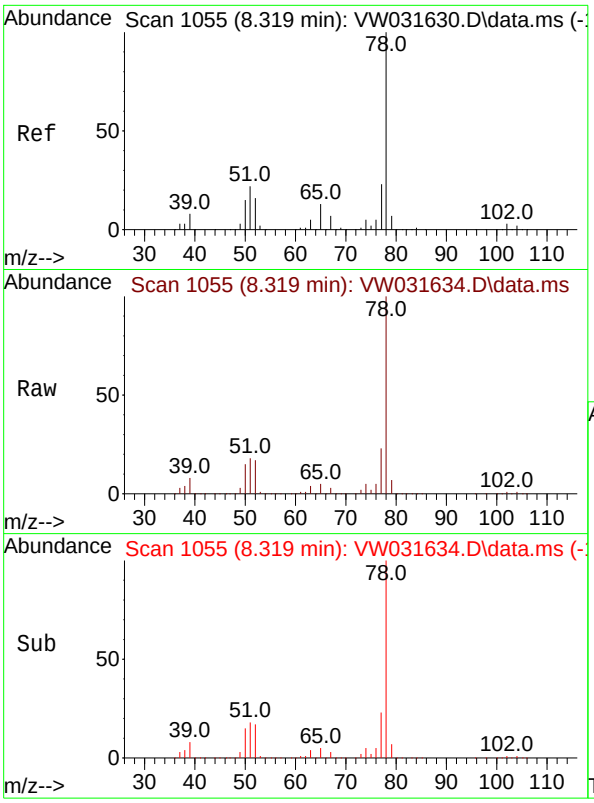


#31
Carbon tetrachloride
Concen: 15.092 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Tgt Ion:117 Resp: 177754

Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.0

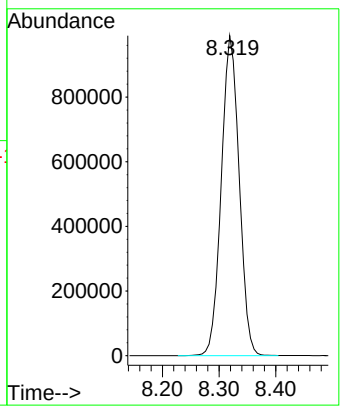


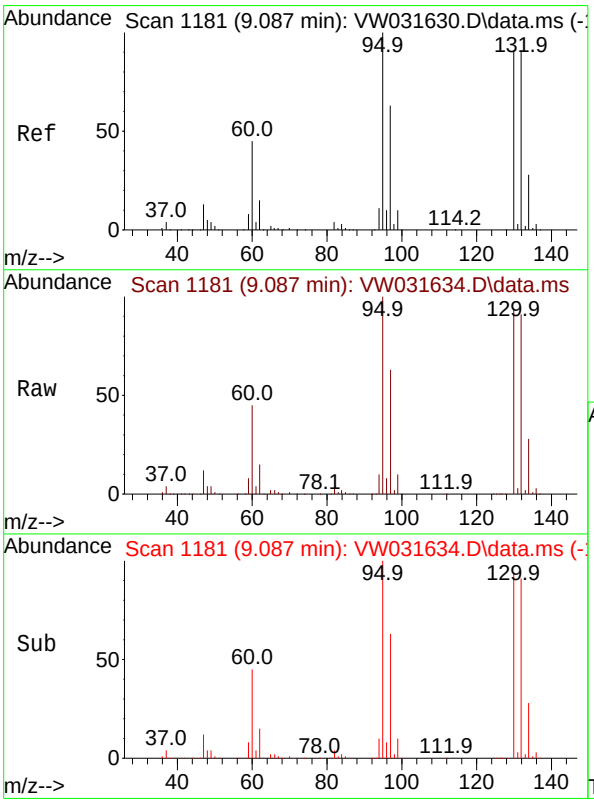


#33
Benzene
Concen: 61.979 ug/L
RT: 8.319 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 78 Resp: 2170726

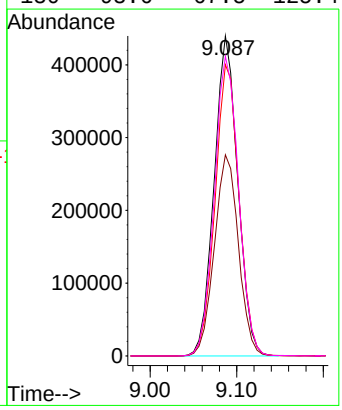


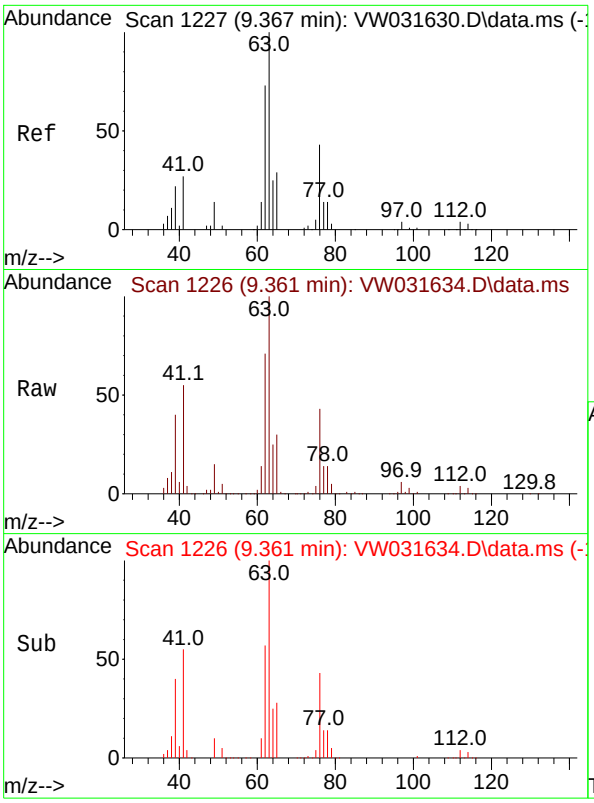


#34
Trichloroethene
Concen: 88.640 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Tgt Ion: 95 Resp: 834658

Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.0	81.6
132	91.0	64.6	120.0
130	93.6	67.5	125.4



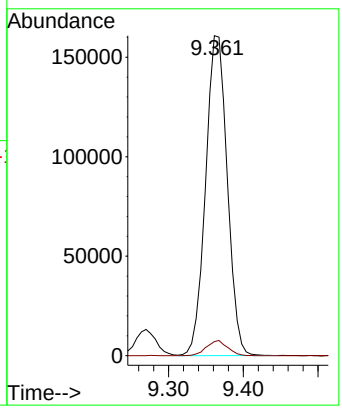


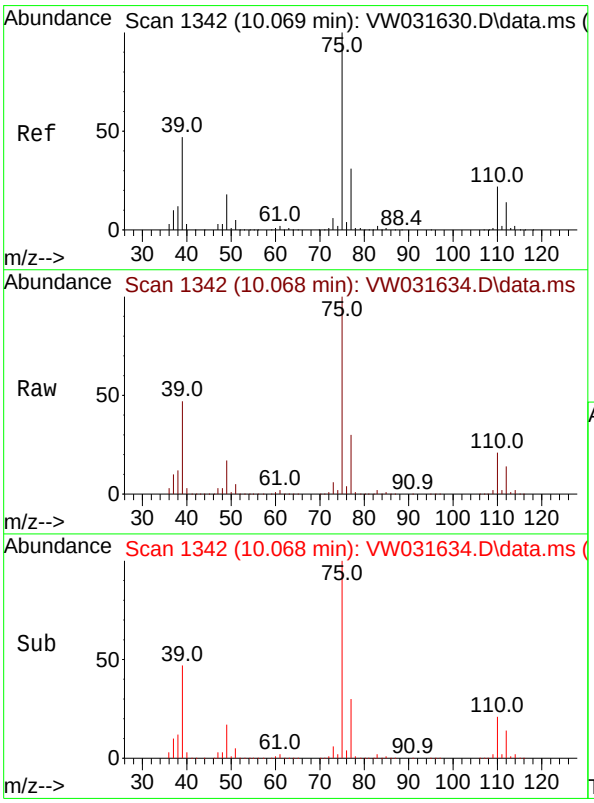
#37
1,2-Dichloropropane
Concen: 36.761 ug/L
RT: 9.361 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 63 Resp: 323598

Ion	Ratio	Lower	Upper
63	100		
112	4.6	3.6	5.4

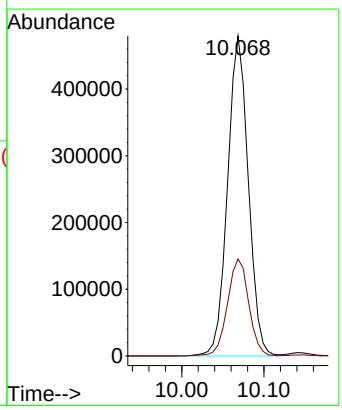


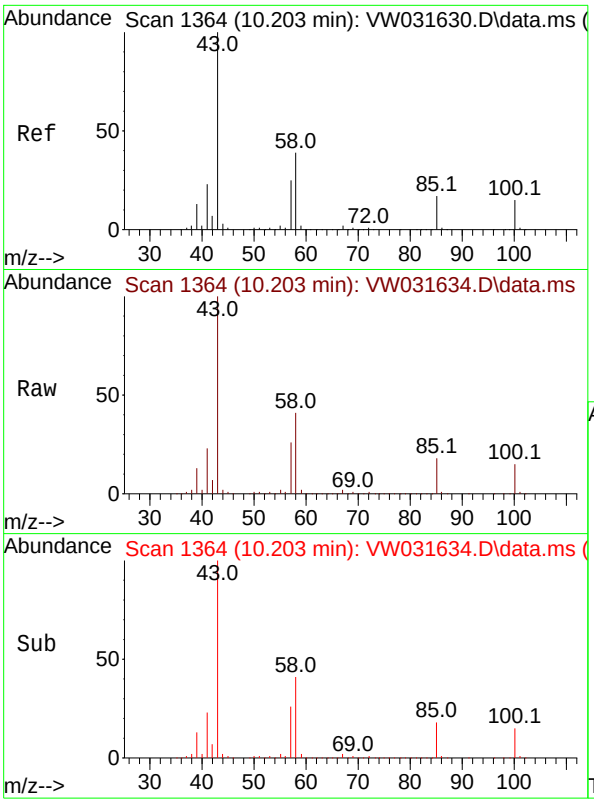


#39
cis-1,3-Dichloropropene
Concen: 60.697 ug/L
RT: 10.068 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Tgt Ion: 75 Resp: 840509

Ion	Ratio	Lower	Upper
75	100		
77	30.3	21.6	40.2



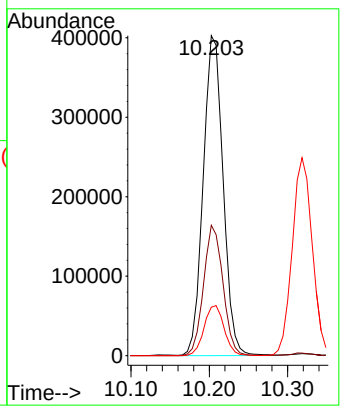


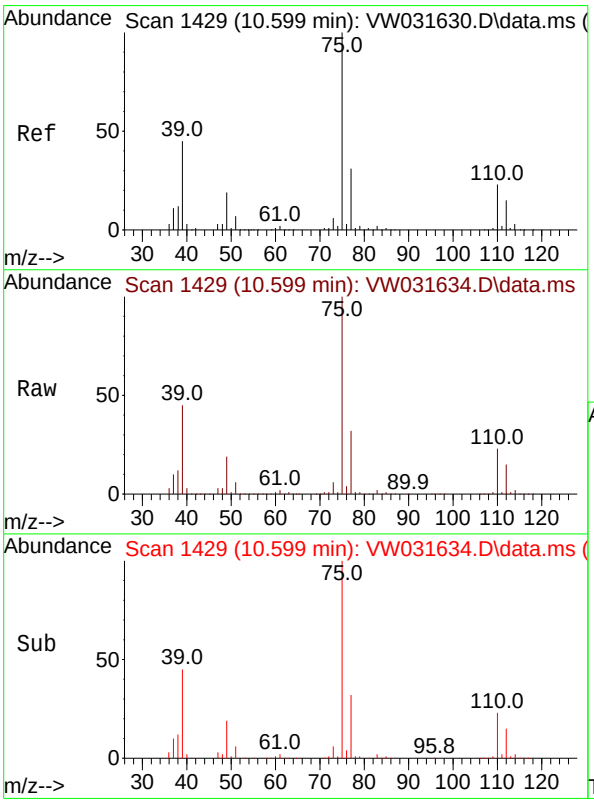
#40
4-Methyl-2-pentanone
Concen: 161.847 ug/L
RT: 10.203 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 711137

Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.4	47.2
100	15.8	12.3	18.5

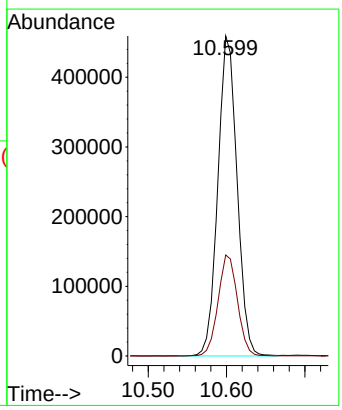


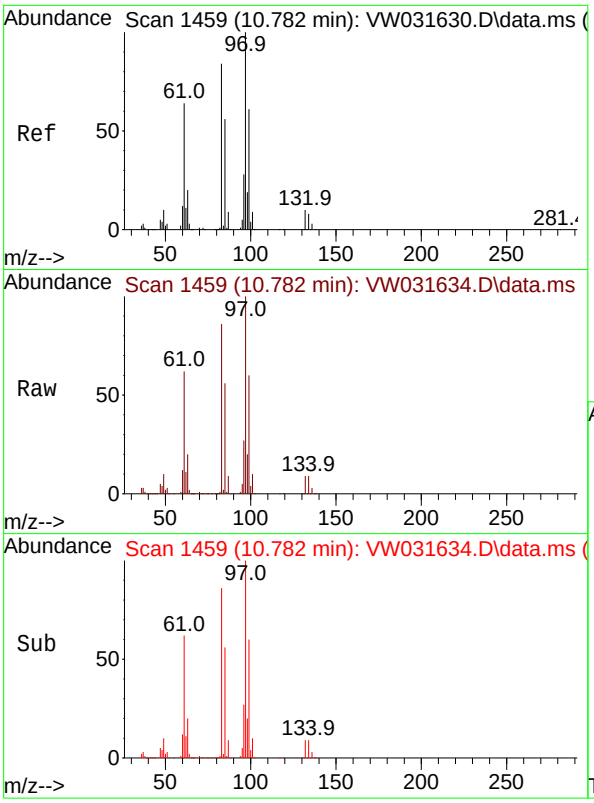


#44
trans-1,3-Dichloropropene
Concen: 70.764 ug/L
RT: 10.599 min Scan# 1429
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Tgt Ion: 75 Resp: 783263

Ion	Ratio	Lower	Upper
75	100		
77	31.6	22.5	41.9



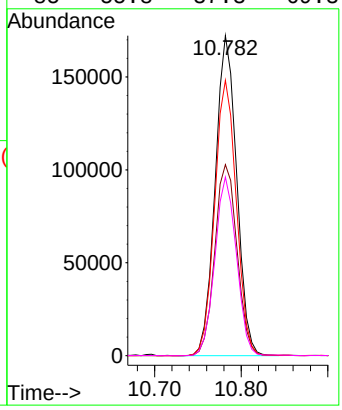


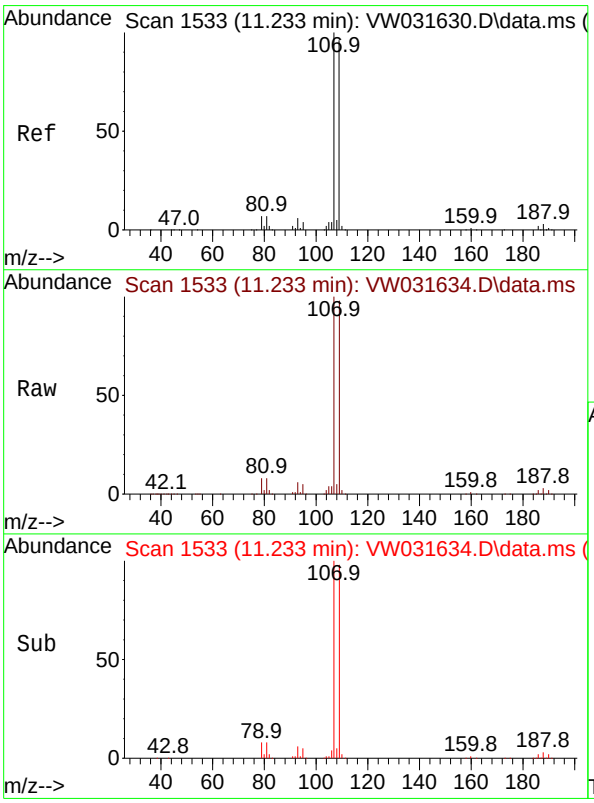
#45
1,1,2-Trichloroethane
Concen: 52.547 ug/L
RT: 10.782 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 296490

Ion	Ratio	Lower	Upper
97	100		
99	59.7	42.6	79.2
83	86.0	59.6	110.8
85	55.8	37.3	69.3

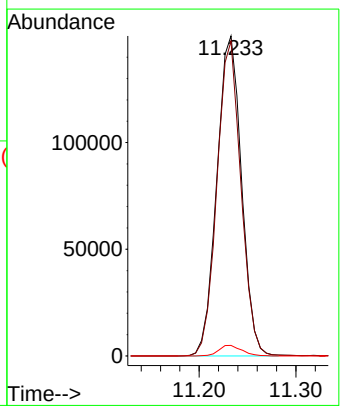


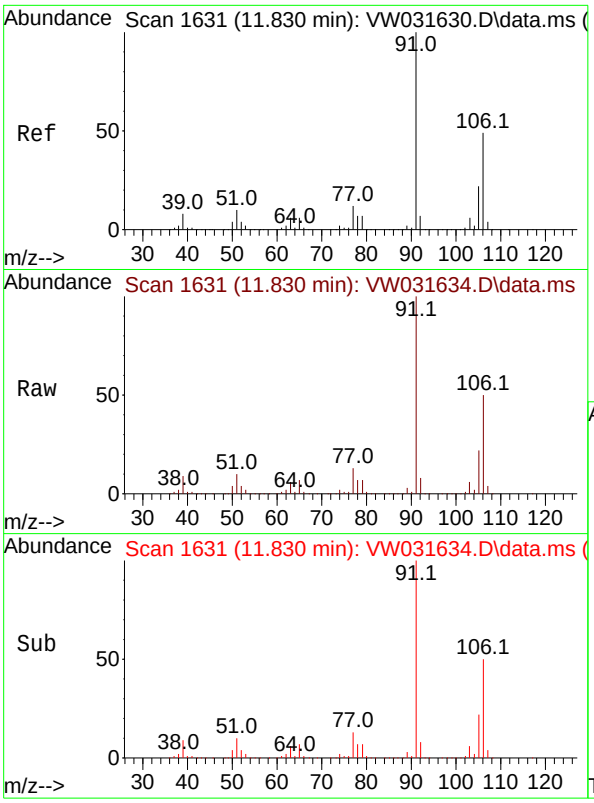


#50
1,2-Dibromoethane
Concen: 50.648 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Tgt Ion:107 Resp: 264860

Ion	Ratio	Lower	Upper
107	100		
109	98.4	63.8	118.4
188	3.3	2.6	3.8



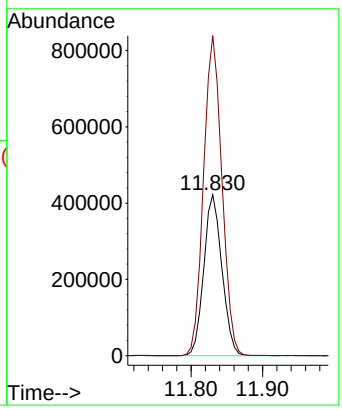


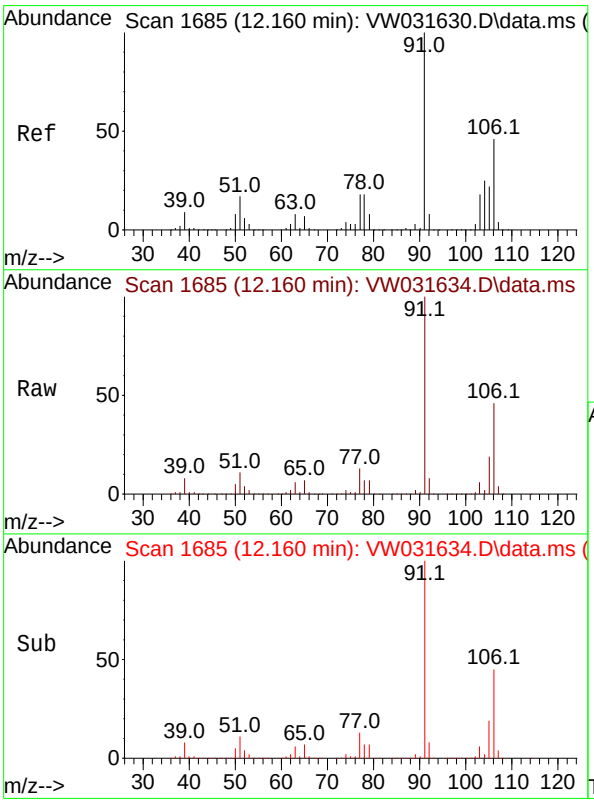
#53
m,p-Xylene
Concen: 46.340 ug/L
RT: 11.830 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 742231

Ion	Ratio	Lower	Upper
106	100		
91	198.8	145.9	270.9

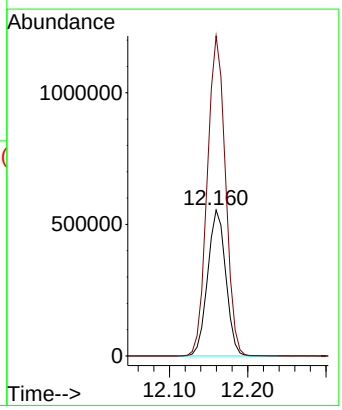


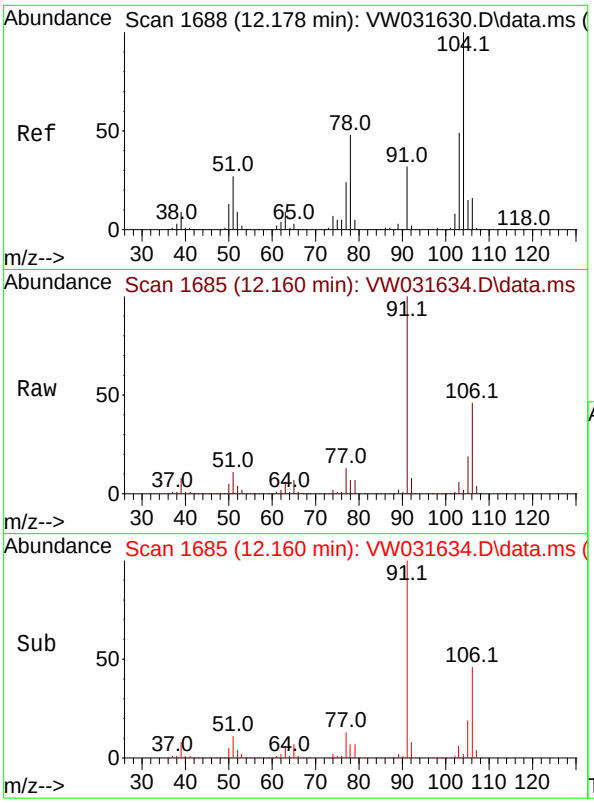


#54
o-Xylene
Concen: 59.778 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Tgt Ion:106 Resp: 889818

Ion	Ratio	Lower	Upper
106	100		
91	219.3	152.9	284.1



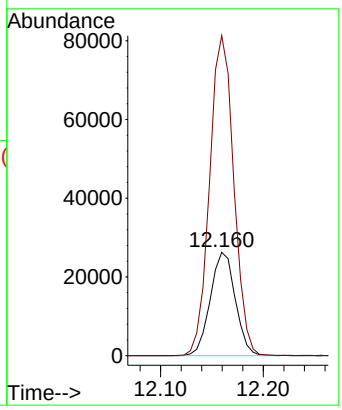


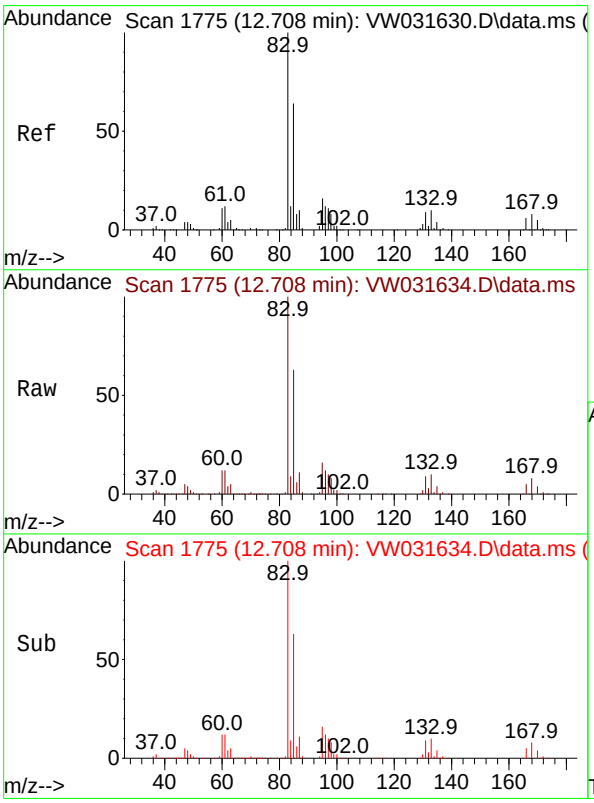
#55
Styrene
Concen: 1.790 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.018 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:104 Resp: 44334

Ion	Ratio	Lower	Upper
104	100		
78	309.5	32.0	59.4#

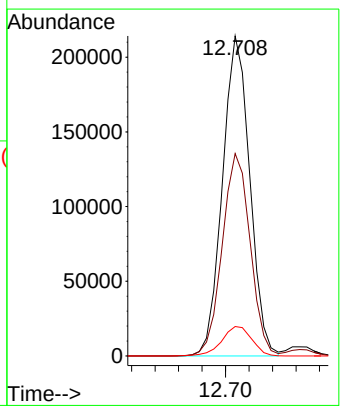


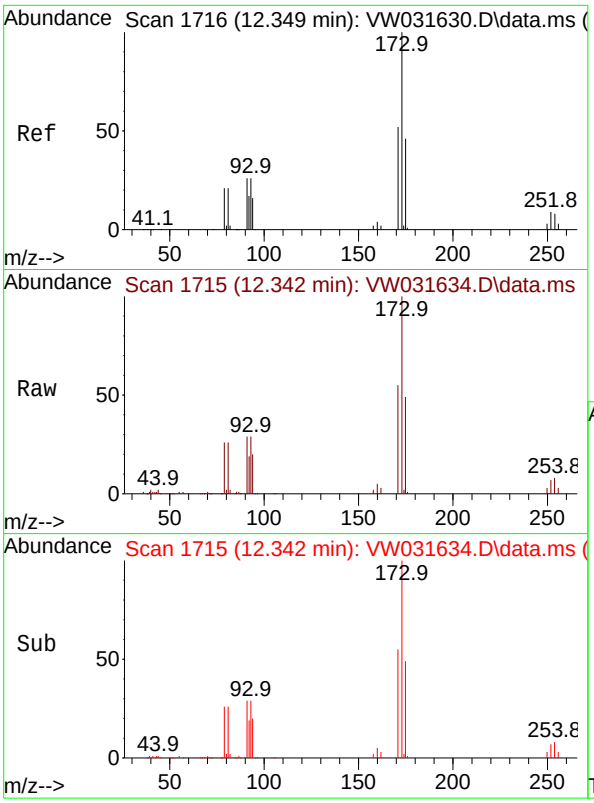


#57
1,1,2,2-Tetrachloroethane
Concen: 55.675 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Tgt Ion: 83 Resp: 345183

Ion	Ratio	Lower	Upper
83	100		
85	63.3	44.1	81.9
131	9.2	7.4	11.0



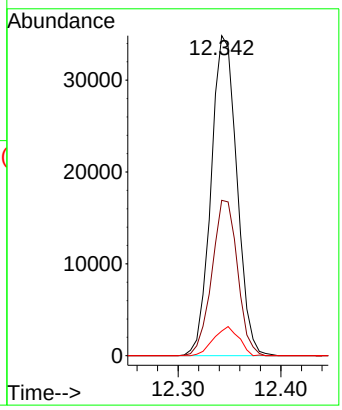


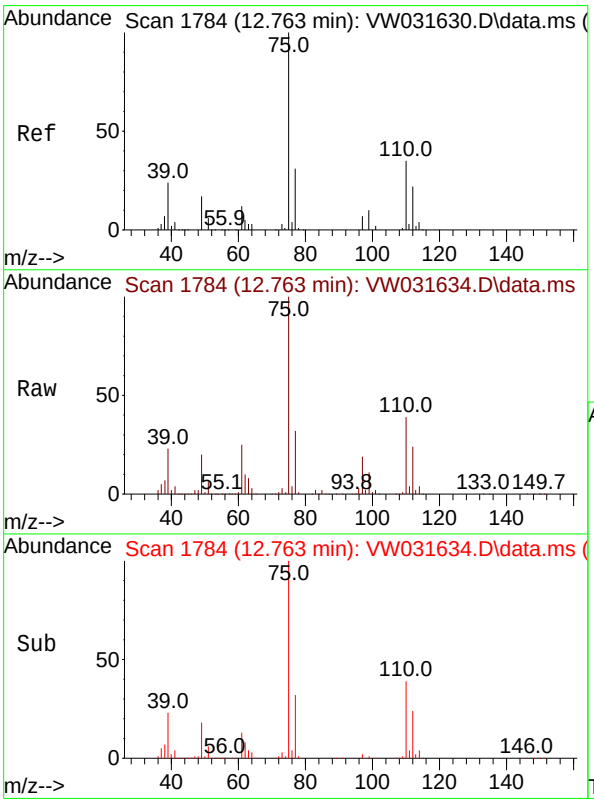
#59
Bromoform
Concen: 19.633 ug/L
RT: 12.342 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:173 Resp: 60711

Ion	Ratio	Lower	Upper
173	100		
175	48.2	37.7	56.5
254	8.9	7.1	10.7

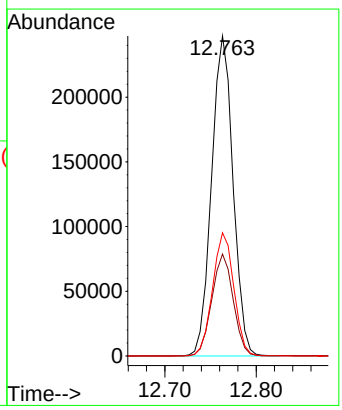


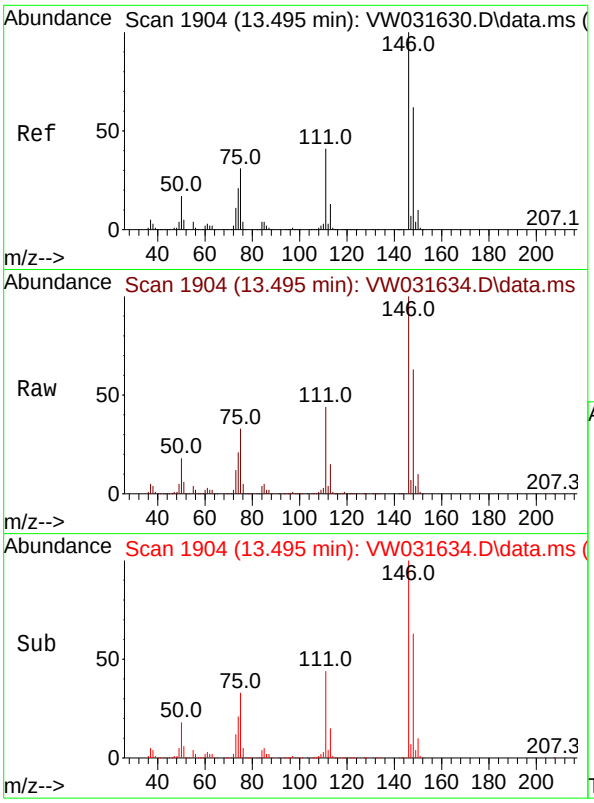


#61
1,2,3-Trichloropropane
Concen: 92.536 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Tgt Ion: 75 Resp: 403278

Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.2	39.2
110	38.1	29.6	44.4



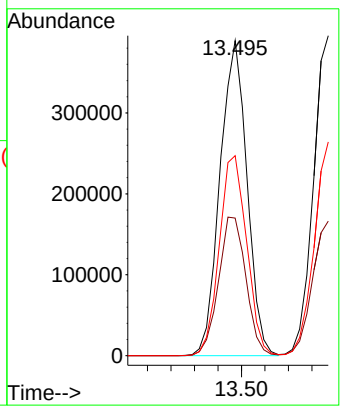


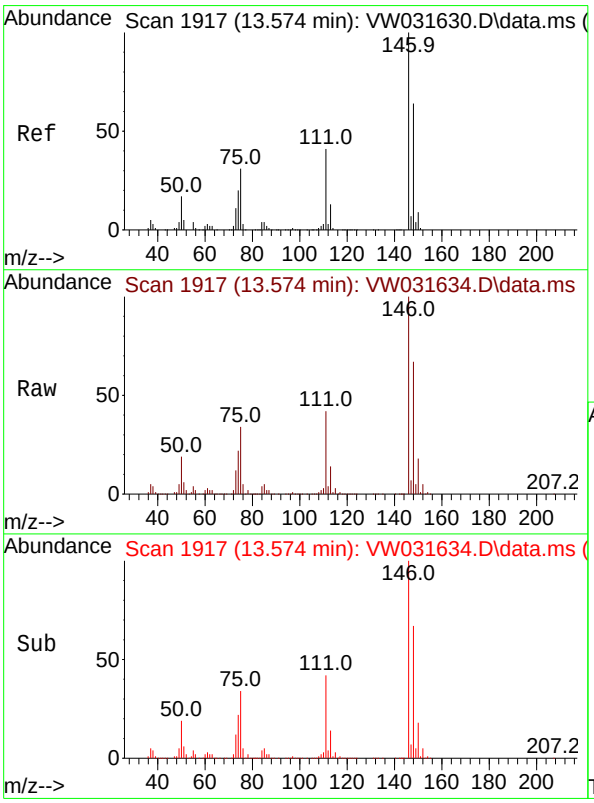
#64
1,3-Dichlorobenzene
Concen: 38.699 ug/L
RT: 13.495 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:146 Resp: 622259

Ion	Ratio	Lower	Upper
146	100		
111	43.7	30.4	56.5
148	63.5	42.1	78.1

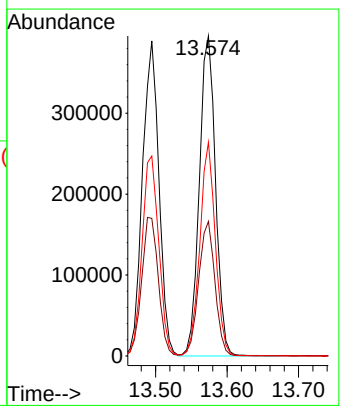


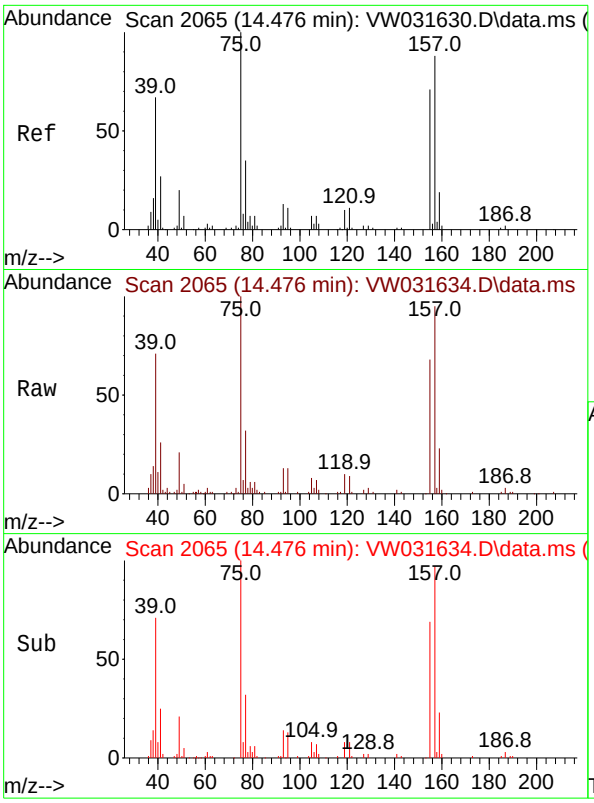


#65
1,4-Dichlorobenzene
Concen: 39.105 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Tgt Ion:146 Resp: 621881

Ion	Ratio	Lower	Upper
146	100		
111	42.0	28.5	52.9
148	66.8	45.4	84.4



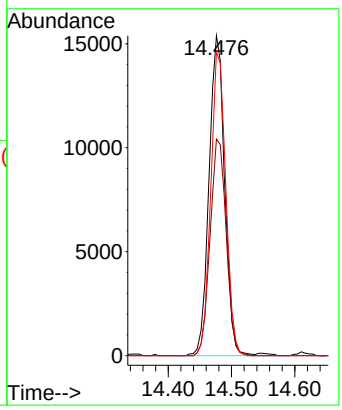


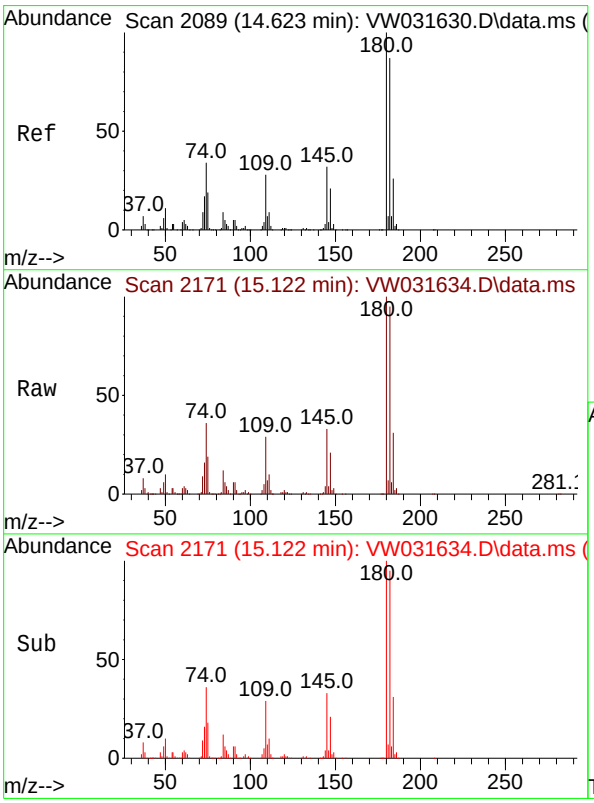
#68
1,2-Dibromo-3-chloropropane
Concen: 27.286 ug/L
RT: 14.476 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 26585

Ion	Ratio	Lower	Upper
75	100		
155	67.7	51.0	76.4
157	94.9	70.2	105.2

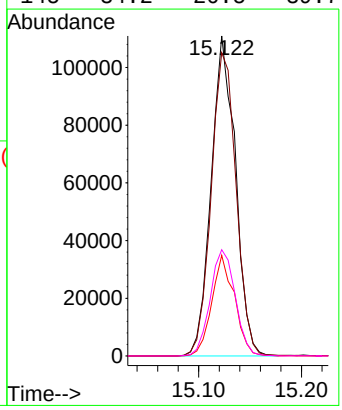


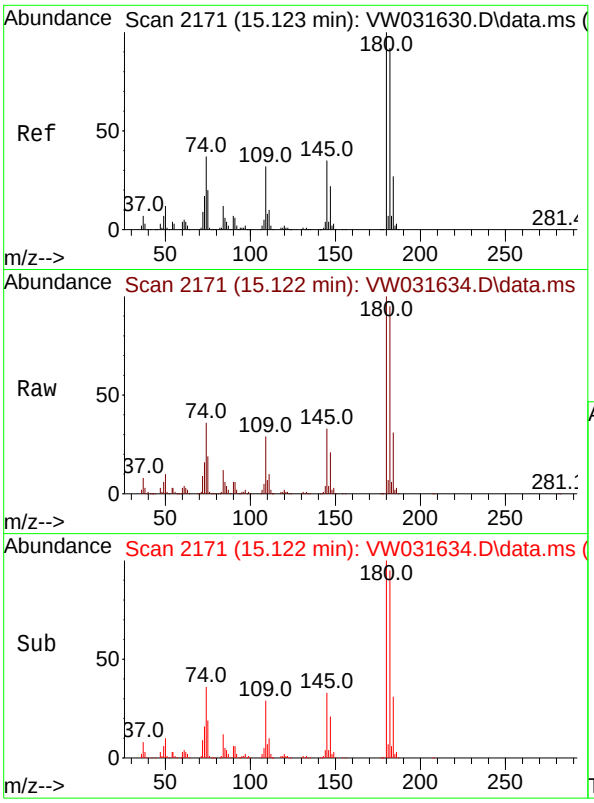


#69
1,3,5-Trichlorobenzene
Concen: 16.670 ug/L
RT: 15.122 min Scan# 2171
Delta R.T. 0.500 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Tgt Ion:180 Resp: 181649

Ion	Ratio	Lower	Upper
180	100		
182	97.5	74.2	111.4
184	29.5	23.0	34.4
145	34.2	26.5	39.7



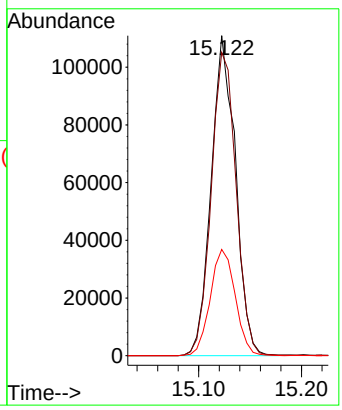


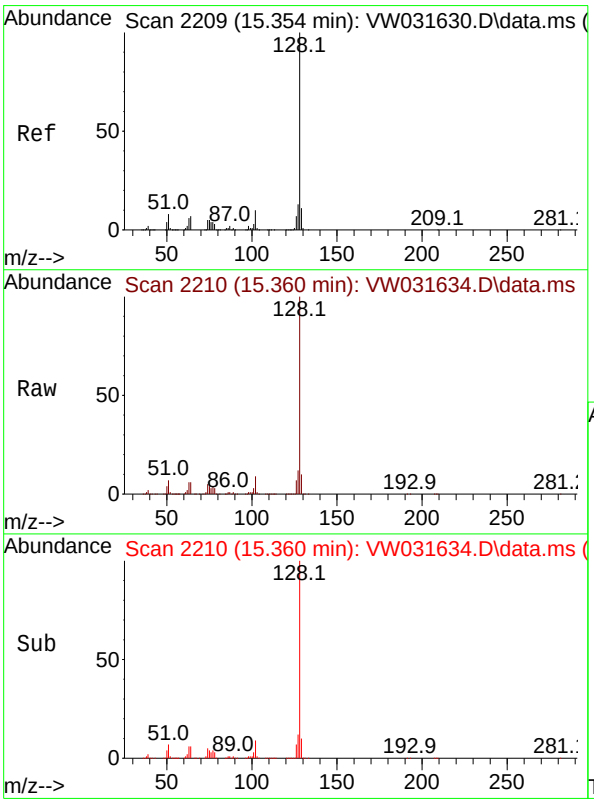
#70
1,2,4-trichlorobenzene
Concen: 20.929 ug/L
RT: 15.122 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:180 Resp: 181649

Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.7	116.5
145	34.2	26.6	39.8





#71
Naphthalene
Concen: 83.648 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW031634.D
Acq: 29 Jan 2025 12:17

Tgt Ion:128 Resp: 1361319

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.7	13.1