Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053025\
Data File : VY022480.D
Acq On : 30 May 2025 15:51
Operator : SY/MD
Sample : Q2160-06
Misc : 6.45g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP05-MHH-VOC

Quant Time: May 31 02:29:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
Quant Title : SW846 8260
QLast Update : Wed May 28 10:34:06 2025
Response via : Initial Calibration

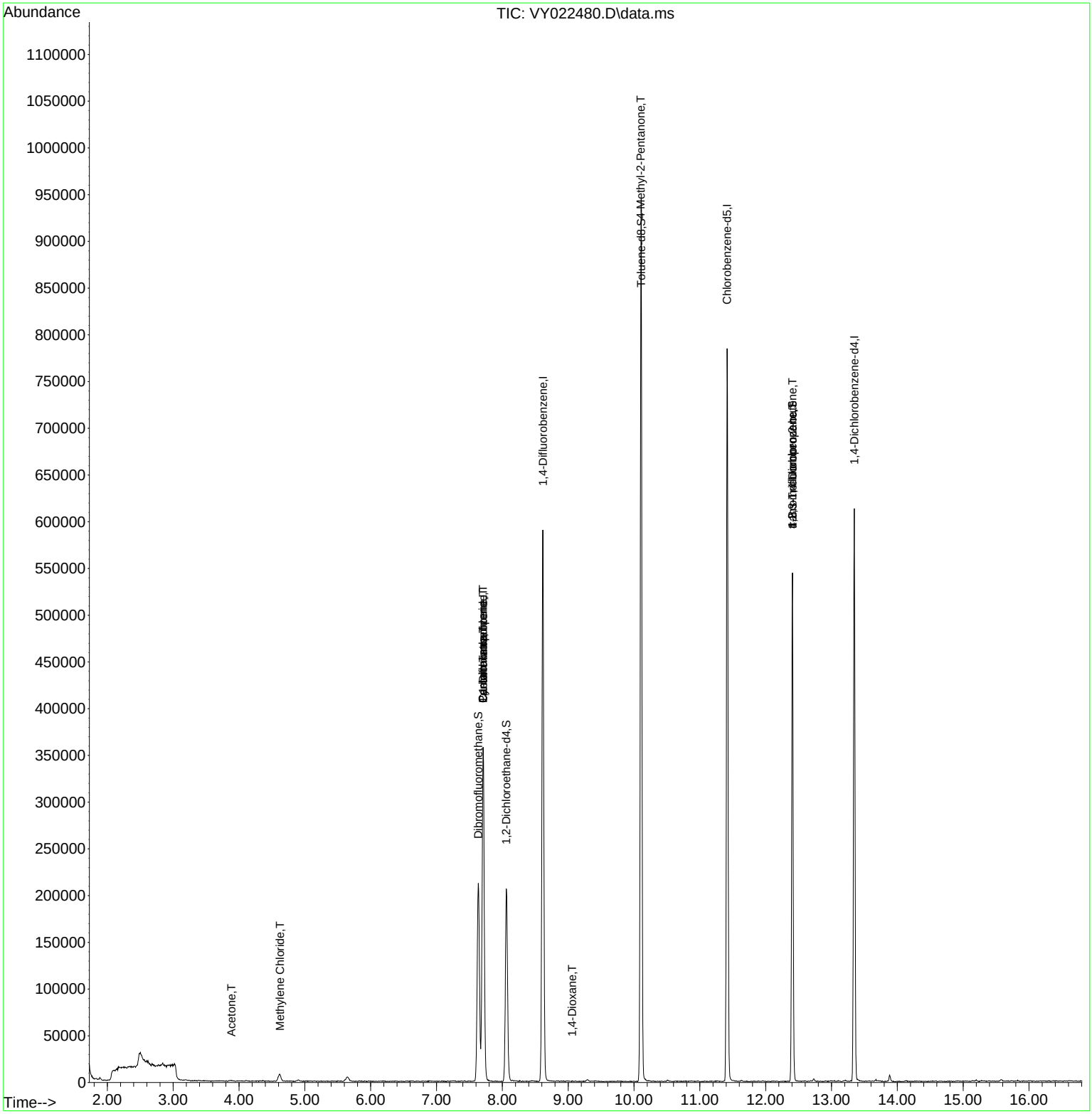
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	267362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	484121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	387379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	141766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	157120	55.793	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.580%			
35) Dibromofluoromethane	7.634	113	146992	51.846	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.700%			
50) Toluene-d8	10.109	98	579906	50.175	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.340%			
62) 4-Bromofluorobenzene	12.408	95	147051	42.062	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.120%			
Target Compounds						Qvalue
16) Acetone	3.885	43	1180	2.550	ug/l	91
20) Methylene Chloride	4.622	84	5162	1.580	ug/l #	91
31) Cyclohexane	7.707	56	7057	1.303	ug/l #	34
36) 1,1-Dichloropropene	7.707	75	23711	5.270	ug/l #	50
38) Carbon Tetrachloride	7.707	117	27036	5.769	ug/l #	15
49) 1,4-Dioxane	9.061	88	29	1.494	ug/l #	1
51) 4-Methyl-2-Pentanone	10.103	43	3195	1.550	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	87165	61.383	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	87165	138.815	ug/l #	12

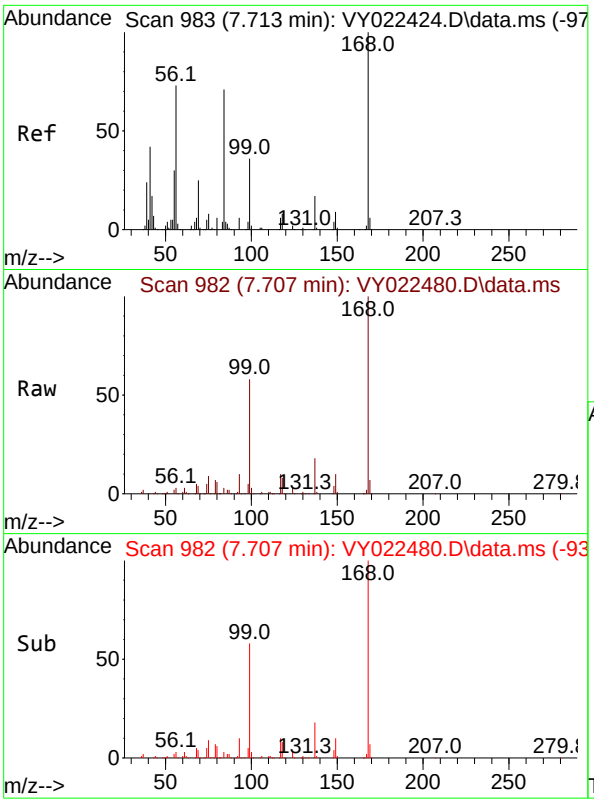
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053025\
Data File : VY022480.D
Acq On : 30 May 2025 15:51
Operator : SY/MD
Sample : Q2160-06
Misc : 6.45g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP05-MHH-VOC

Quant Time: May 31 02:29:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
Quant Title : SW846 8260
QLast Update : Wed May 28 10:34:06 2025
Response via : Initial Calibration



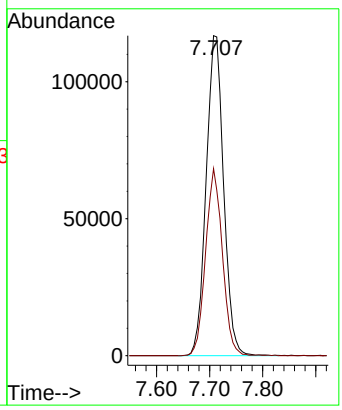


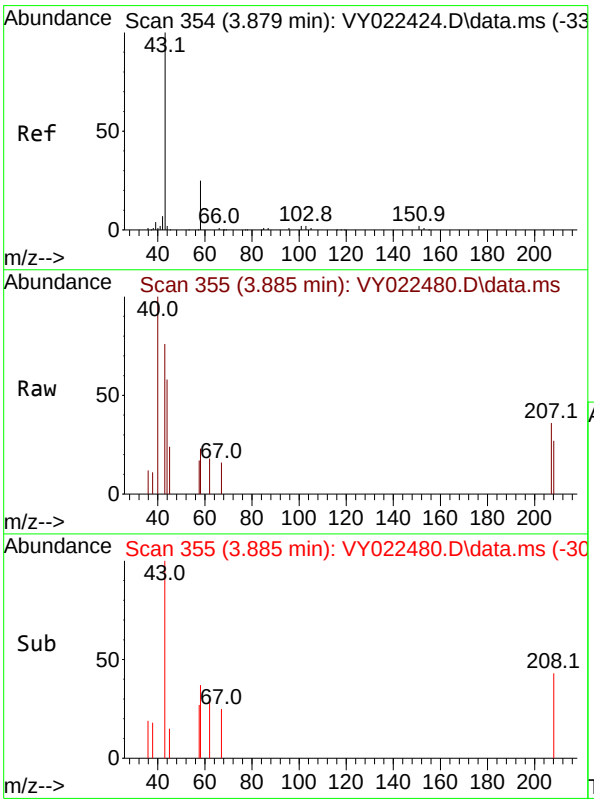
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022480.D
Acq: 30 May 2025 15:51

Instrument :
MSVOA_Y
ClientSampleId :
TP05-MHH-VOC

Tgt Ion:168 Resp: 267362

Ion	Ratio	Lower	Upper
168	100		
99	58.5	44.7	67.1

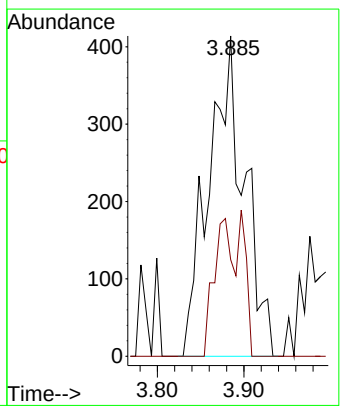


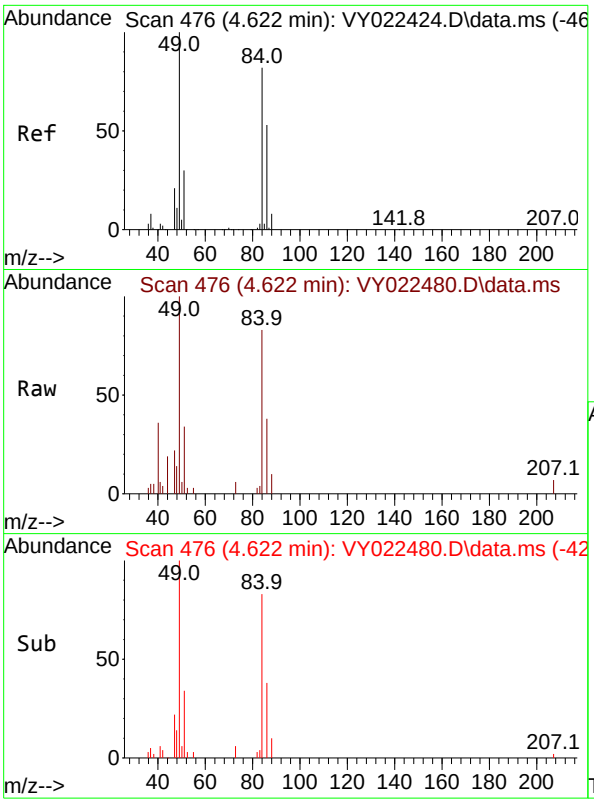


#16
Acetone
Concen: 2.550 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022480.D
Acq: 30 May 2025 15:51

Tgt Ion: 43 Resp: 1180

Ion	Ratio	Lower	Upper
43	100		
58	30.2	20.6	30.8



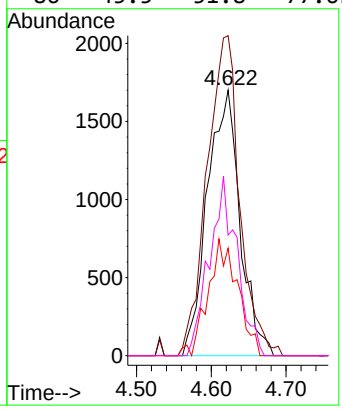


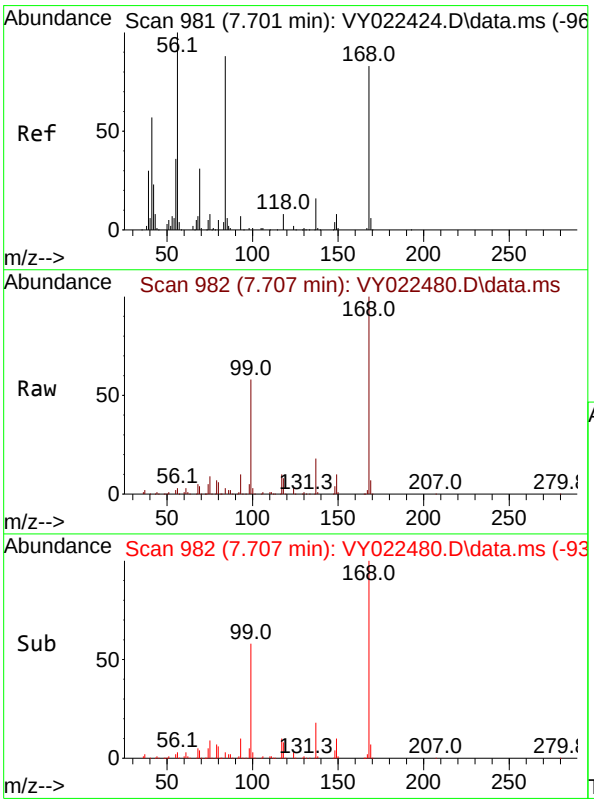
#20
Methylene Chloride
Concen: 1.580 ug/l
RT: 4.622 min Scan# 4
Delta R.T. 0.000 min
Lab File: VY022480.D
Acq: 30 May 2025 15:51

Instrument :
MSVOA_Y
ClientSampleId :
TP05-MHH-VOC

Tgt Ion: 84 Resp: 5162

Ion	Ratio	Lower	Upper
84	100		
49	120.5	97.8	146.8
51	40.5	29.5	44.3
86	45.5	51.8	77.6#

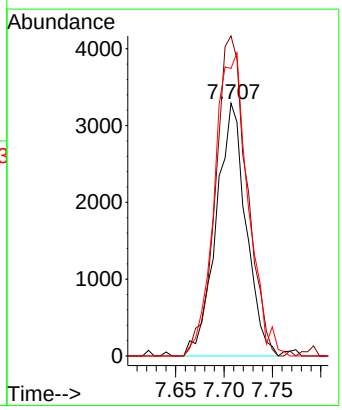


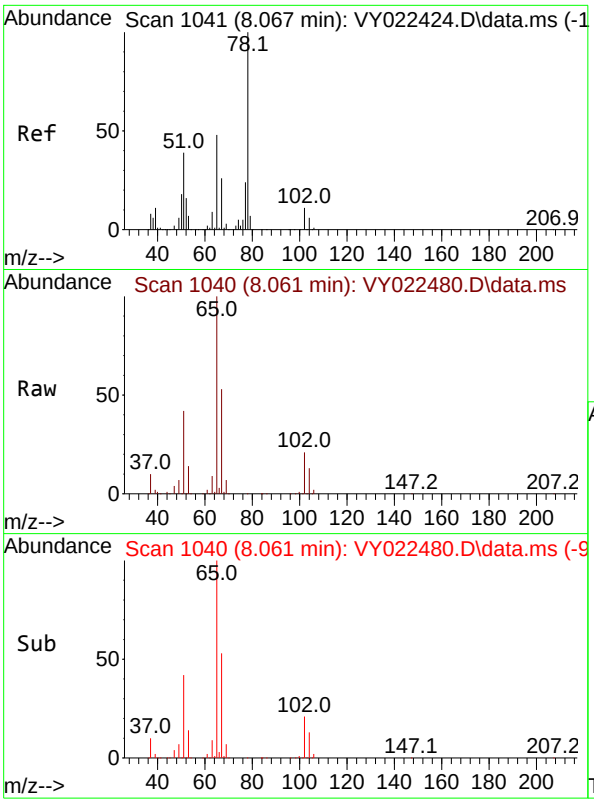


#31
Cyclohexane
Concen: 1.303 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY022480.D
Acq: 30 May 2025 15:51

Tgt Ion: 56 Resp: 7057

Ion	Ratio	Lower	Upper
56	100		
69	126.7	24.6	36.8#
84	113.8	70.4	105.6#



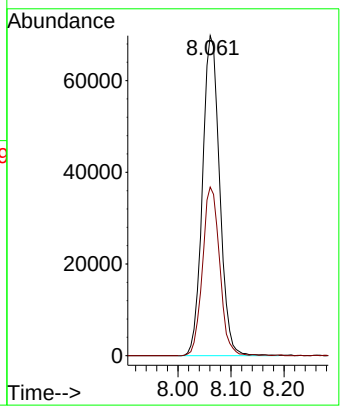


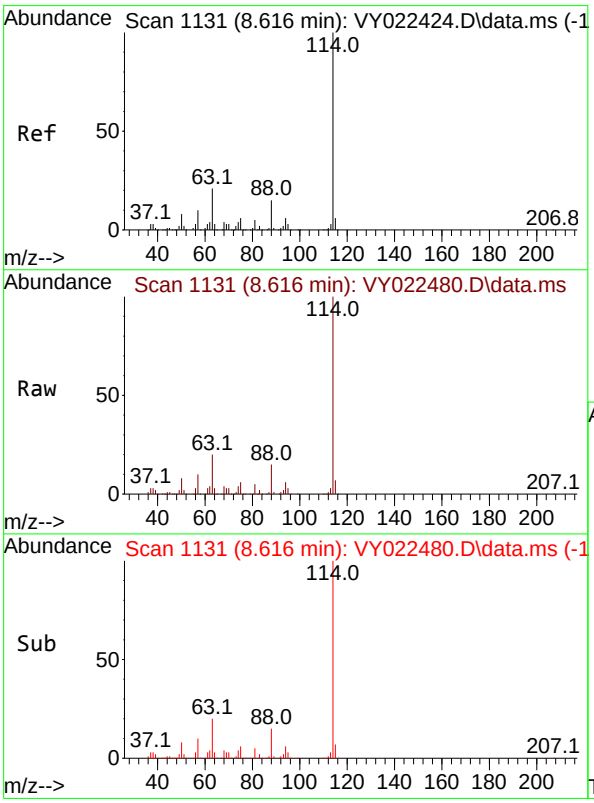
#33
1,2-Dichloroethane-d4
Concen: 55.793 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022480.D
Acq: 30 May 2025 15:51

Instrument :
MSVOA_Y
ClientSampleId :
TP05-MHH-VOC

Tgt Ion: 65 Resp: 157120

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.4

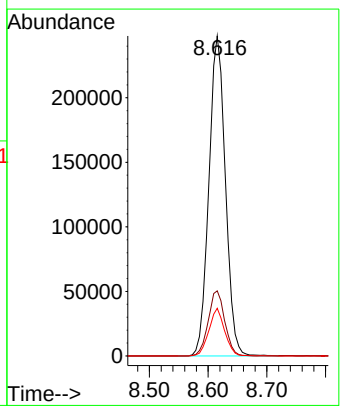


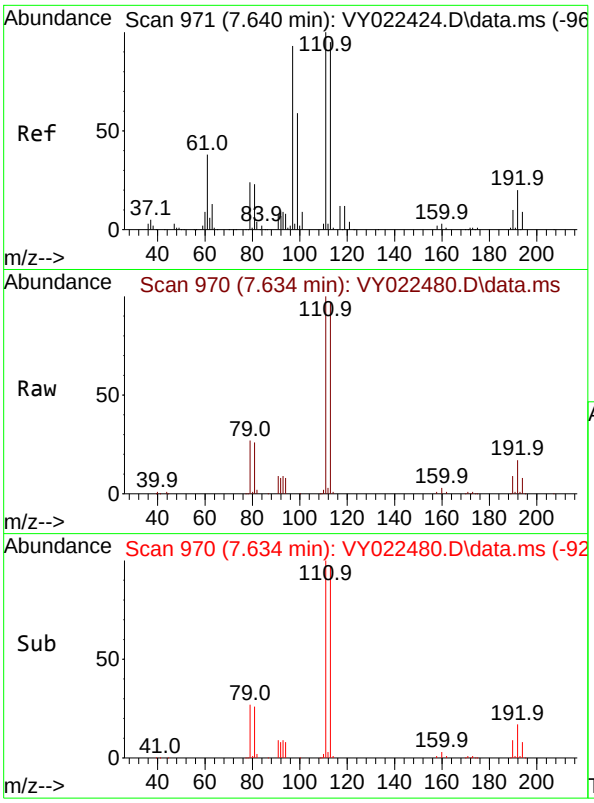


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022480.D
Acq: 30 May 2025 15:51

Tgt Ion:114 Resp: 484121

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.6
88	14.9	0.0	29.4



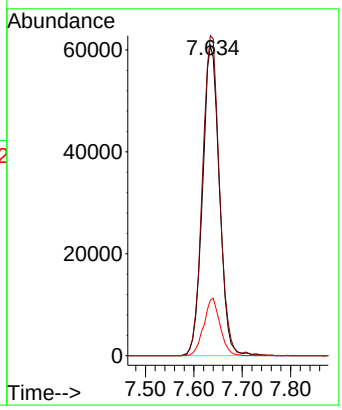


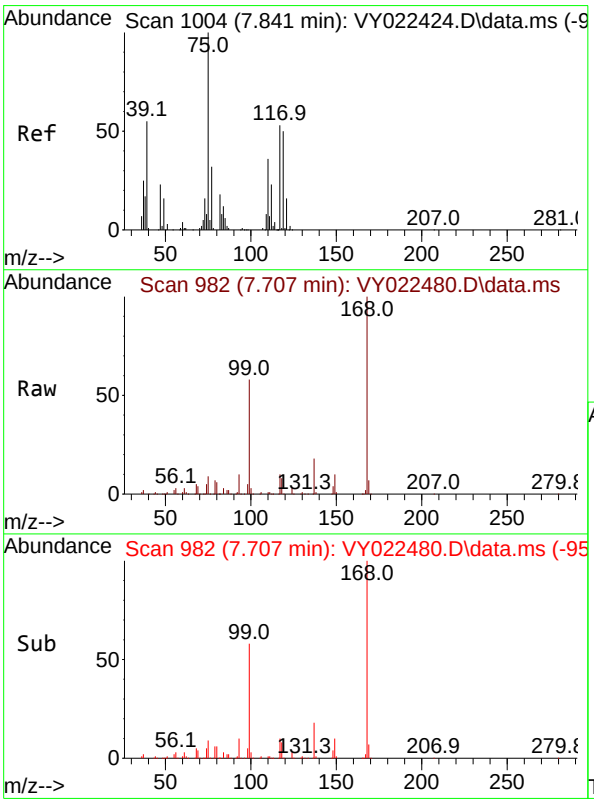
#35
Dibromofluoromethane
Concen: 51.846 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022480.D
Acq: 30 May 2025 15:51

Instrument :
MSVOA_Y
ClientSampleId :
TP05-MHH-VOC

Tgt Ion:113 Resp: 146992

Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.4	123.6
192	17.9	15.2	22.8

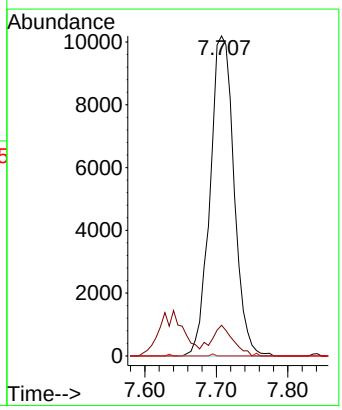


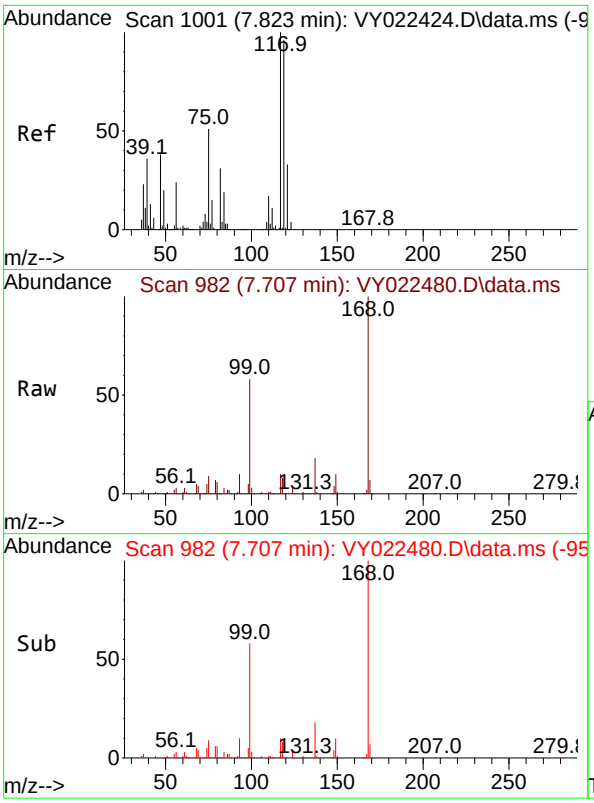


#36
1,1-Dichloropropene
Concen: 5.270 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY022480.D
Acq: 30 May 2025 15:51

Tgt Ion: 75 Resp: 23711

Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.1	51.2#
77	0.1	25.1	37.7#



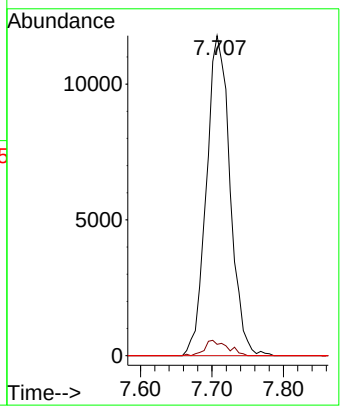


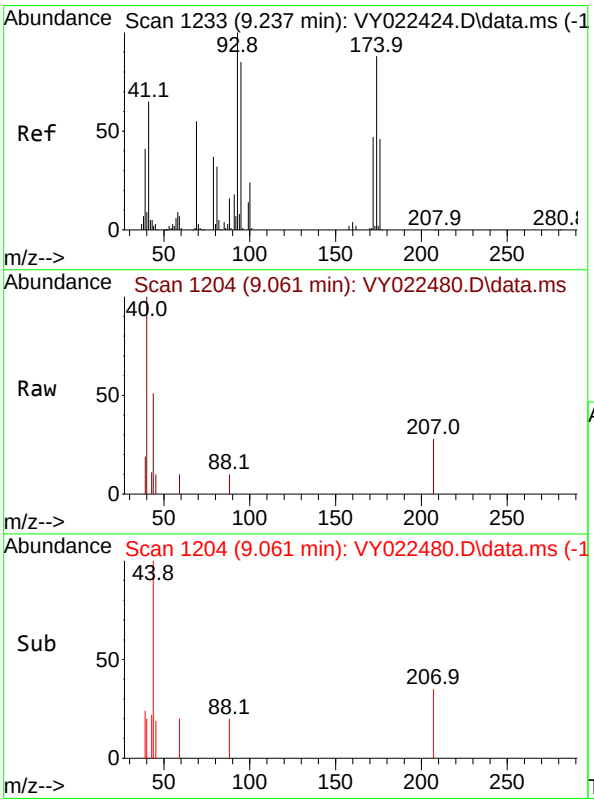
#38
Carbon Tetrachloride
Concen: 5.769 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.116 min
Lab File: VY022480.D
Acq: 30 May 2025 15:51

Instrument :
MSVOA_Y
ClientSampleId :
TP05-MHH-VOC

Tgt Ion:117 Resp: 27036

Ion	Ratio	Lower	Upper
117	100		
119	3.5	76.3	114.5#
121	0.0	26.1	39.1#

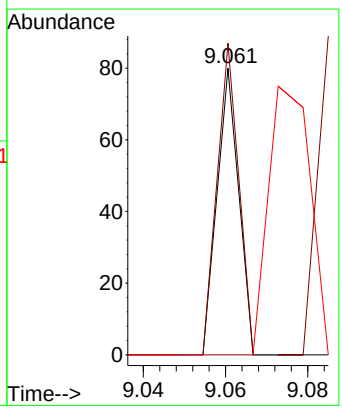


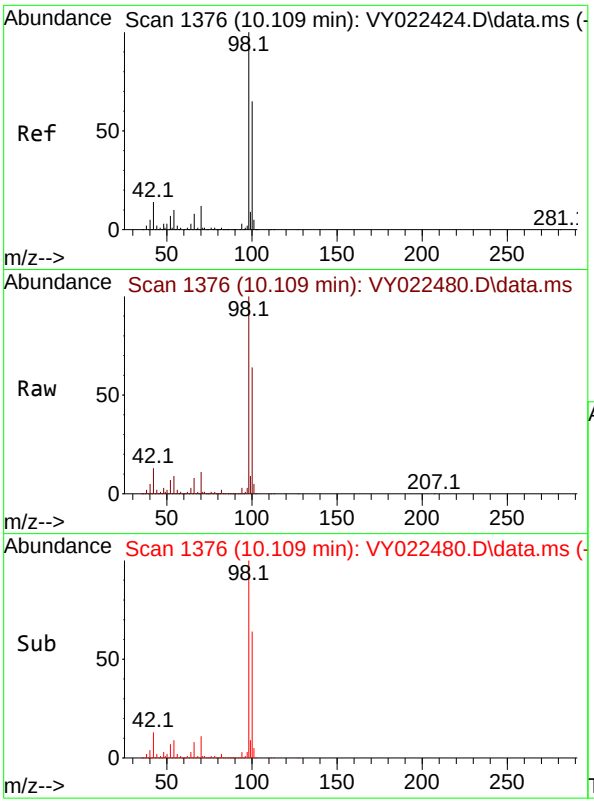


#49
1,4-Dioxane
Concen: 1.494 ug/l
RT: 9.061 min Scan# 1204
Delta R.T. -0.177 min
Lab File: VY022480.D
Acq: 30 May 2025 15:51

Tgt Ion: 88 Resp: 29

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.9	40.3#
58	182.8	55.8	83.6#



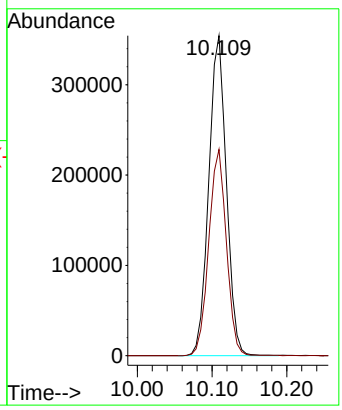


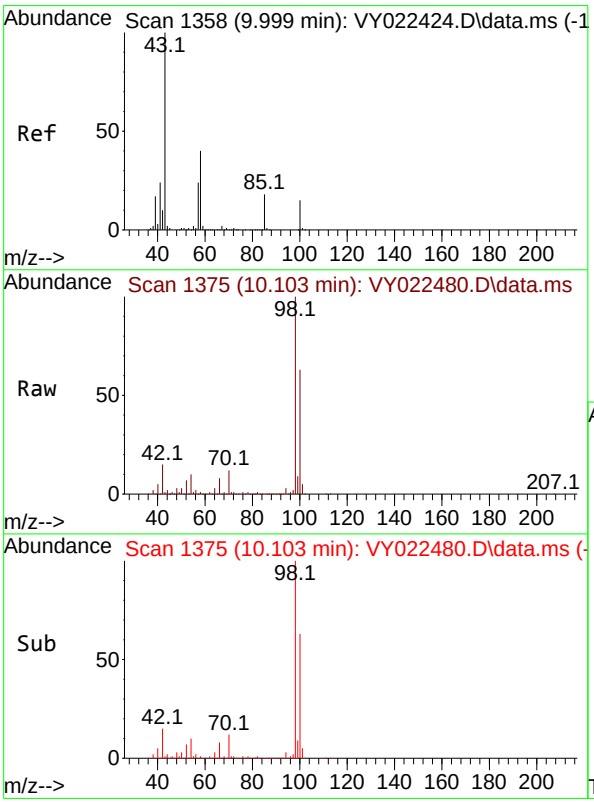
#50
Toluene-d8
Concen: 50.175 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022480.D
Acq: 30 May 2025 15:51

Instrument :
MSVOA_Y
ClientSampleId :
TP05-MHH-VOC

Tgt Ion: 98 Resp: 579906

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2

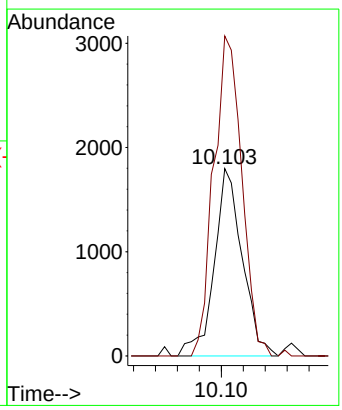


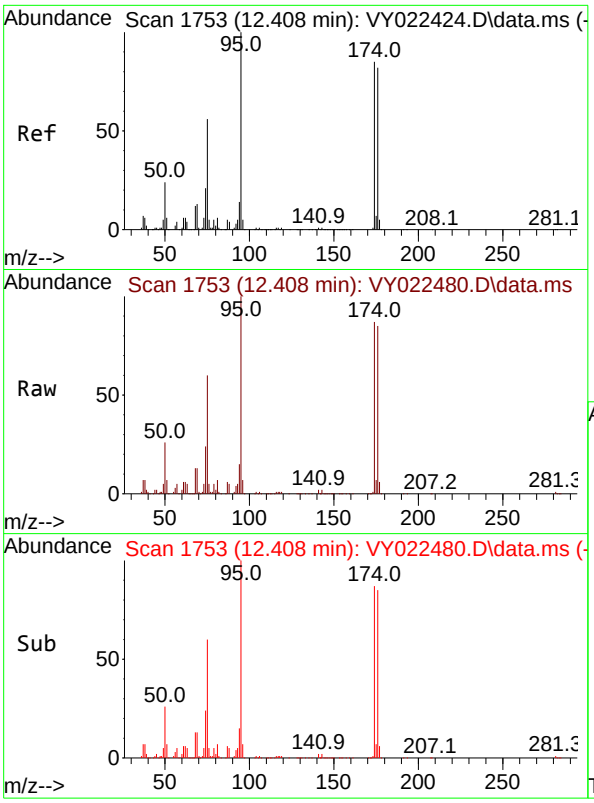


#51
4-Methyl-2-Pentanone
Concen: 1.550 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.104 min
Lab File: VY022480.D
Acq: 30 May 2025 15:51

Tgt Ion: 43 Resp: 3195

Ion	Ratio	Lower	Upper
43	100		
58	171.1	31.2	46.8#



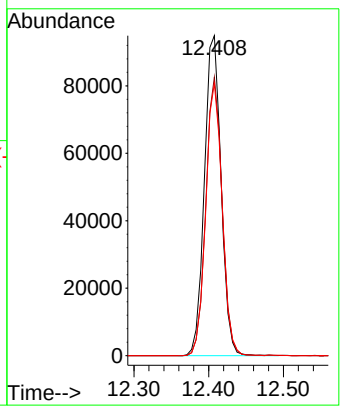


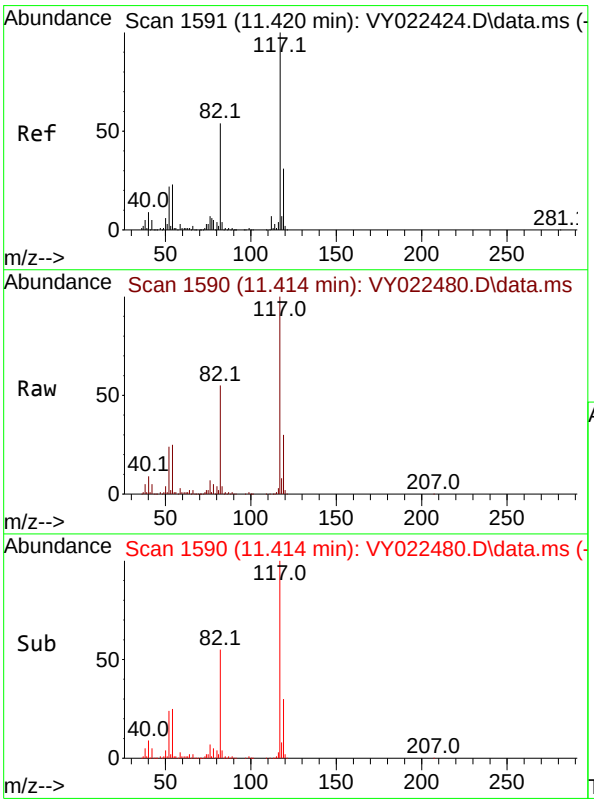
#62
4-Bromofluorobenzene
Concen: 42.062 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022480.D
Acq: 30 May 2025 15:51

Instrument :
MSVOA_Y
ClientSampleId :
TP05-MHH-VOC

Tgt Ion: 95 Resp: 147051

Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	171.6
176	83.9	0.0	164.6

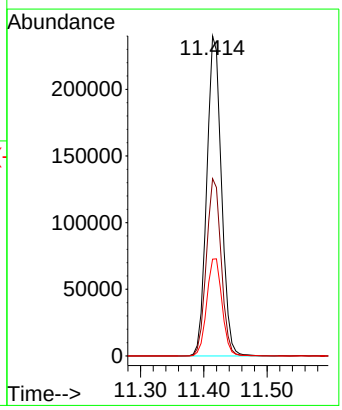


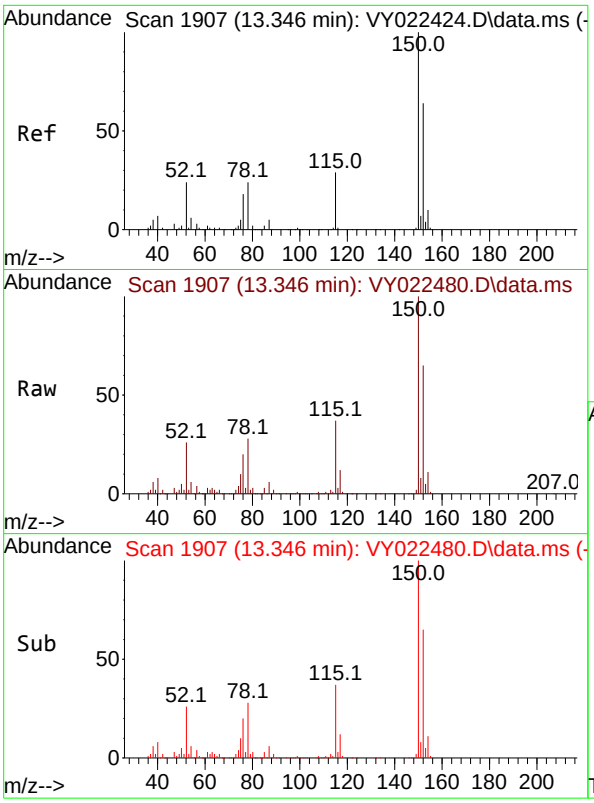


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022480.D
Acq: 30 May 2025 15:51

Tgt Ion:117 Resp: 387379

Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.3	64.9
119	30.3	24.5	36.7



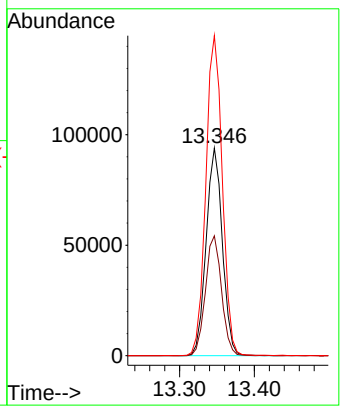


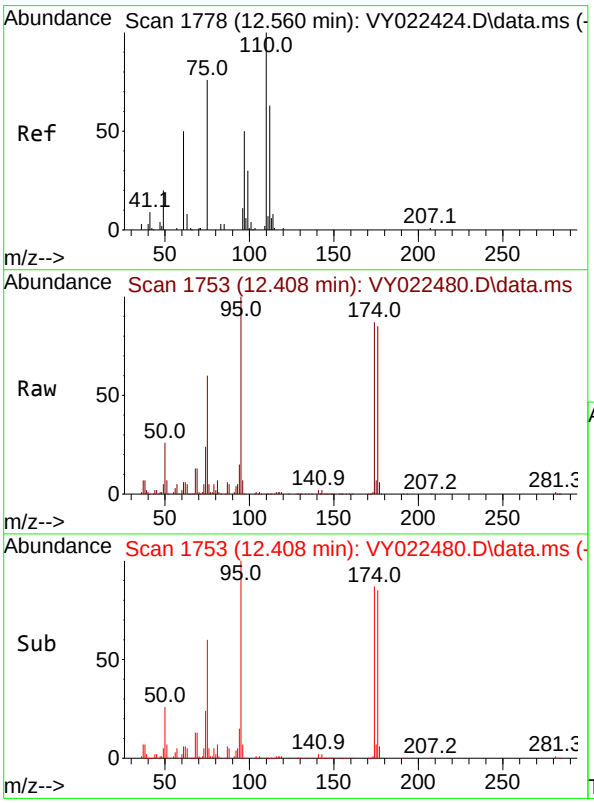
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022480.D
Acq: 30 May 2025 15:51

Instrument :
MSVOA_Y
ClientSampleId :
TP05-MHH-VOC

Tgt Ion:152 Resp: 141766

Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.4	85.3
150	156.2	0.0	345.8

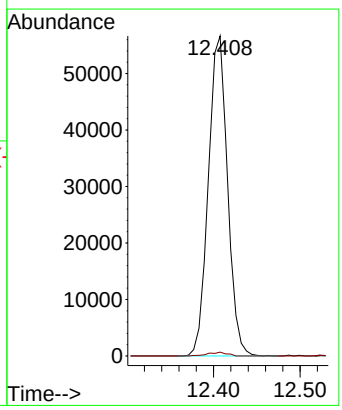


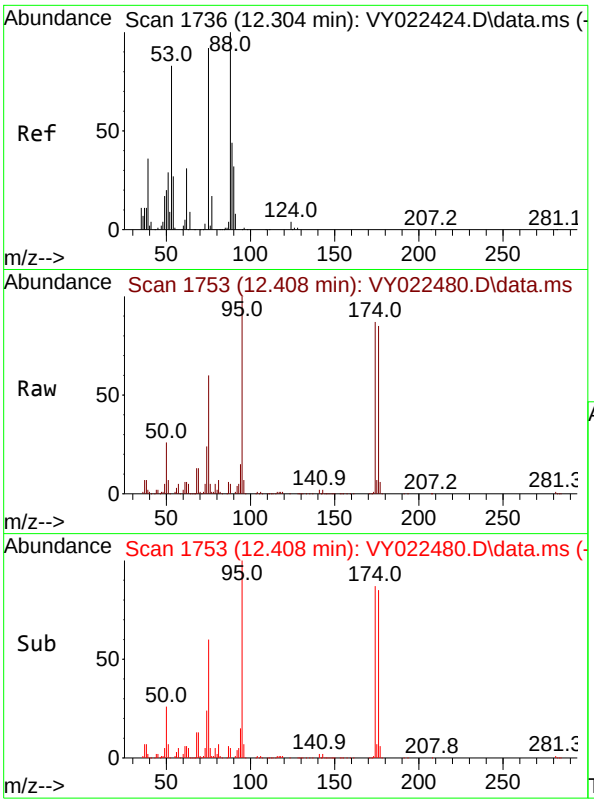


#76
1,2,3-Trichloropropane
Concen: 61.383 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY022480.D
Acq: 30 May 2025 15:51

Tgt Ion: 75 Resp: 87165

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 138.815 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY022480.D
Acq: 30 May 2025 15:51

Instrument :
MSVOA_Y
ClientSampleId :
TP05-MHH-VOC

Tgt Ion: 75 Resp: 87165

Ion	Ratio	Lower	Upper
75	100		
53	0.1	75.1	112.7#
89	0.0	37.4	56.0#