Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021318.D
Acq On : 25 Feb 2025 17:54
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Feb 26 02:24:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	249512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	479463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	455850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	181086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	142658	50.400	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.800%			
35) Dibromofluoromethane	7.634	113	151894	48.322	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.640%			
50) Toluene-d8	10.109	98	591208	48.666	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.340%			
62) 4-Bromofluorobenzene	12.408	95	199282	48.742	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.480%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.824	59	680	3.123	ug/l #	72
16) Acetone	3.872	43	1498	2.759	ug/l	97
20) Methylene Chloride	4.616	84	3229	1.100	ug/l	94
25) 2-Butanone	6.896	43	938	1.145	ug/l #	90
31) Cyclohexane	7.707	56	5936	1.190	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	19344	4.097	ug/l #	52
38) Carbon Tetrachloride	7.707	117	25598	4.822	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	110213	60.805	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	110213	135.147	ug/l #	10

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

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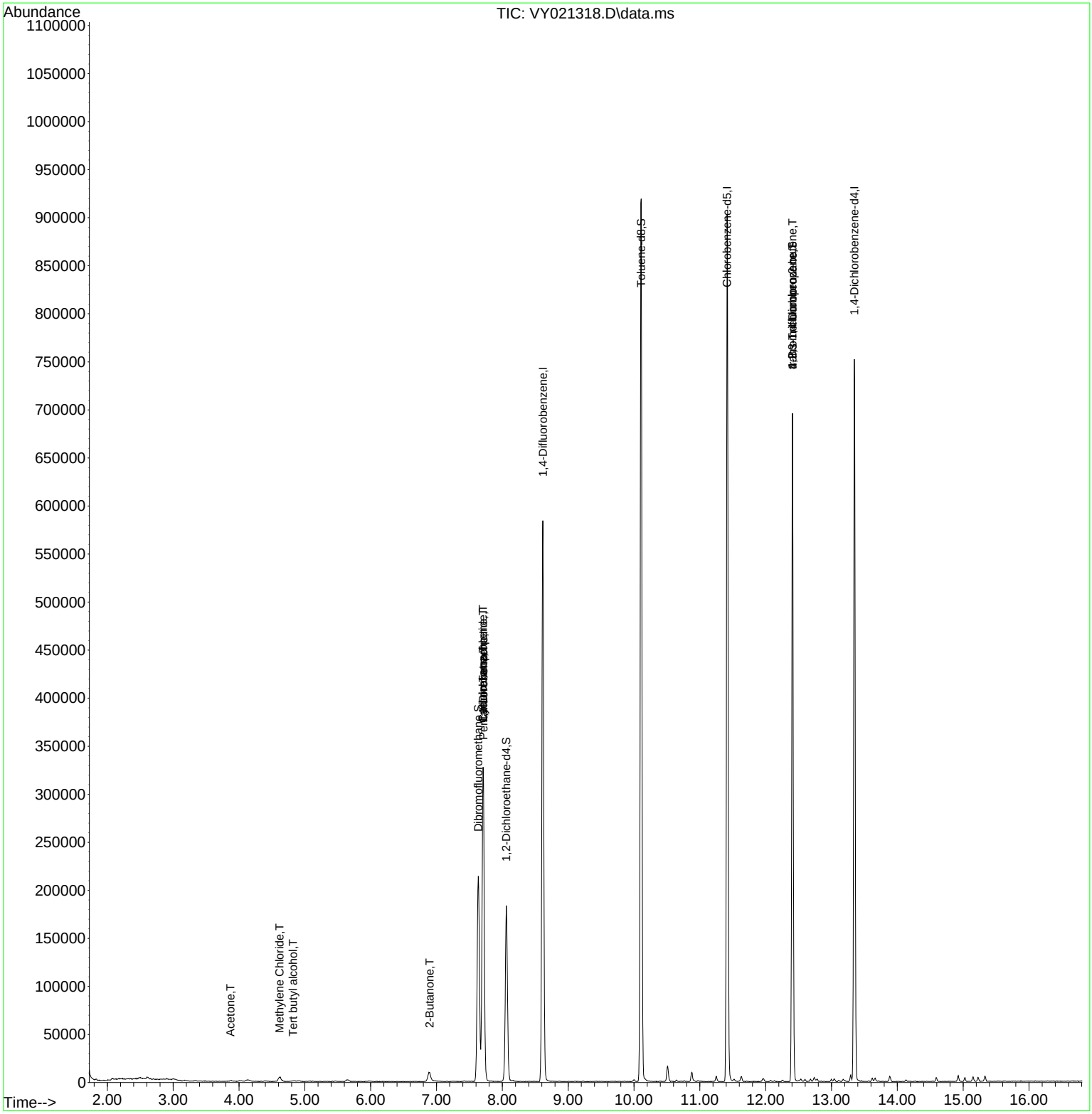
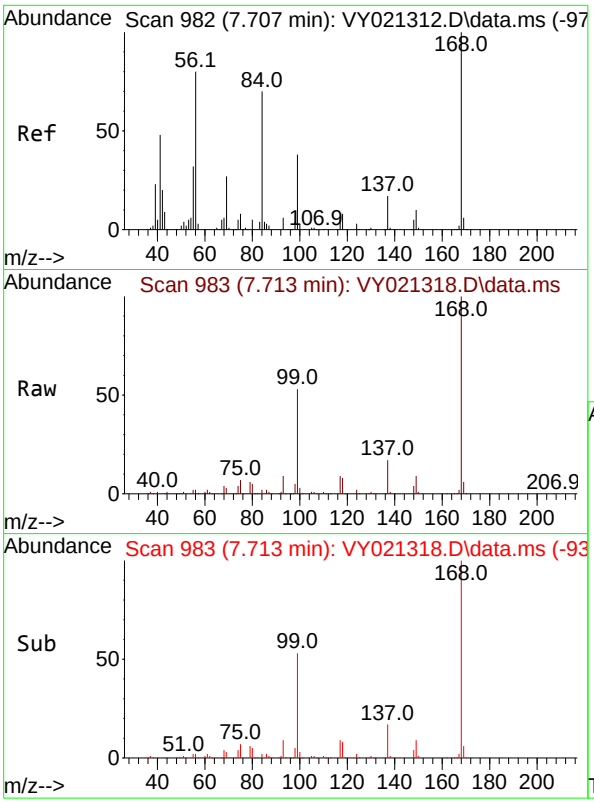


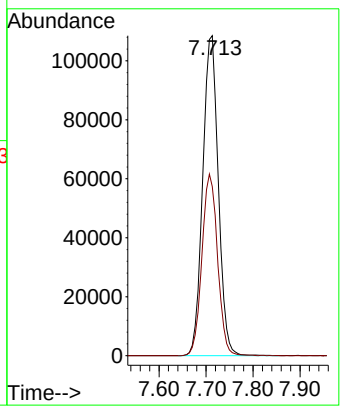


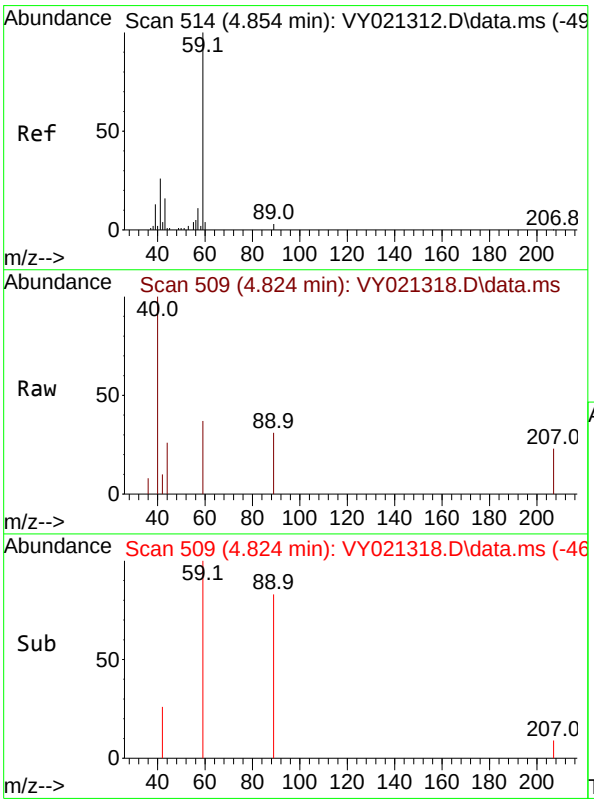
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021318.D
Acq: 25 Feb 2025 17:54

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 249512

Ion	Ratio	Lower	Upper
168	100		
99	52.8	47.1	70.7

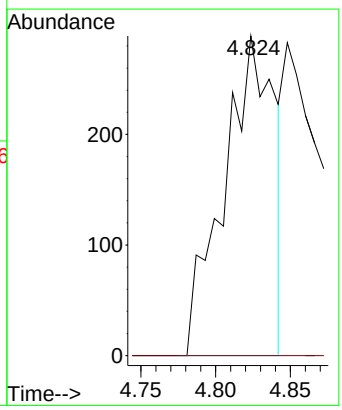


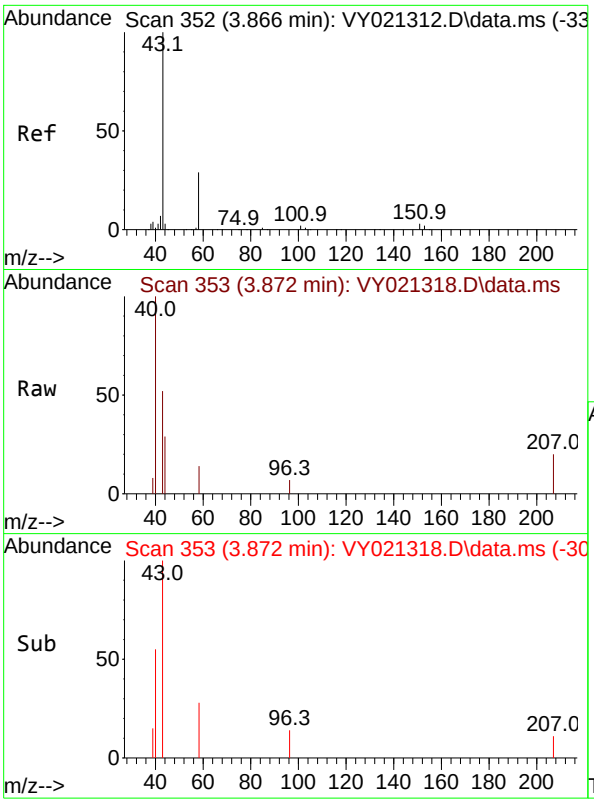


#11
Tert butyl alcohol
Concen: 3.123 ug/l
RT: 4.824 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY021318.D
Acq: 25 Feb 2025 17:54

Tgt Ion: 59 Resp: 680

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



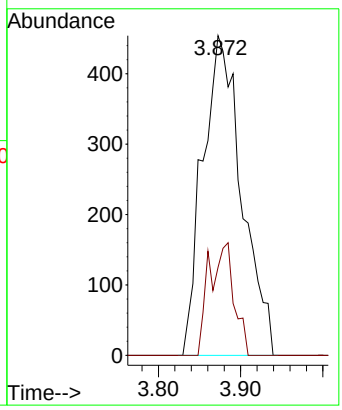


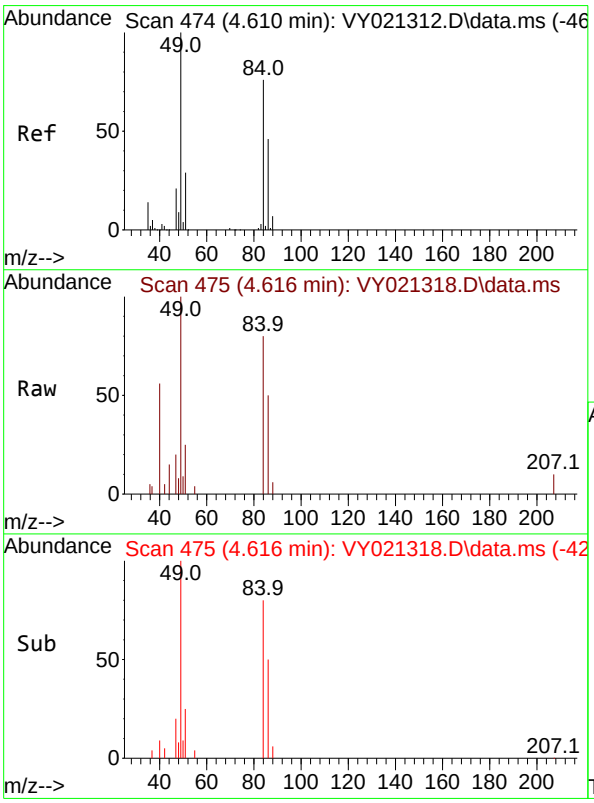
#16
Acetone
Concen: 2.759 ug/l
RT: 3.872 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021318.D
Acq: 25 Feb 2025 17:54

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 1498

Ion	Ratio	Lower	Upper
43	100		
58	27.5	23.5	35.3

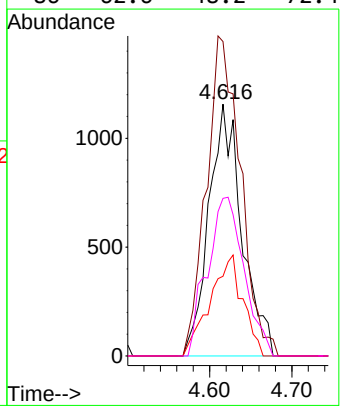


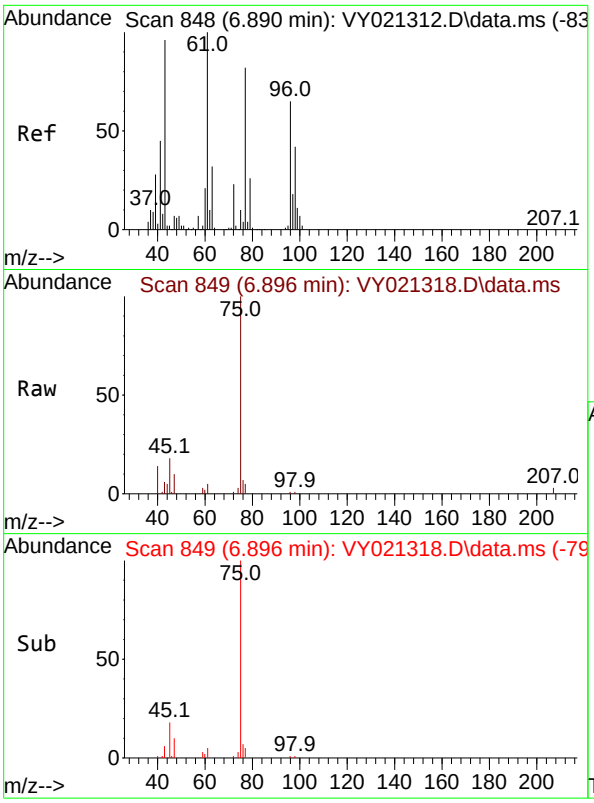


#20
Methylene Chloride
Concen: 1.100 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021318.D
Acq: 25 Feb 2025 17:54

Tgt Ion: 84 Resp: 3229

Ion	Ratio	Lower	Upper
84	100		
49	124.8	105.1	157.7
51	31.6	31.0	46.4
86	62.6	48.2	72.4



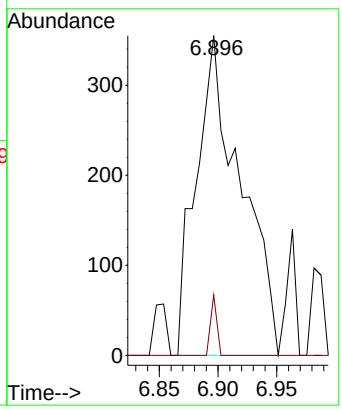


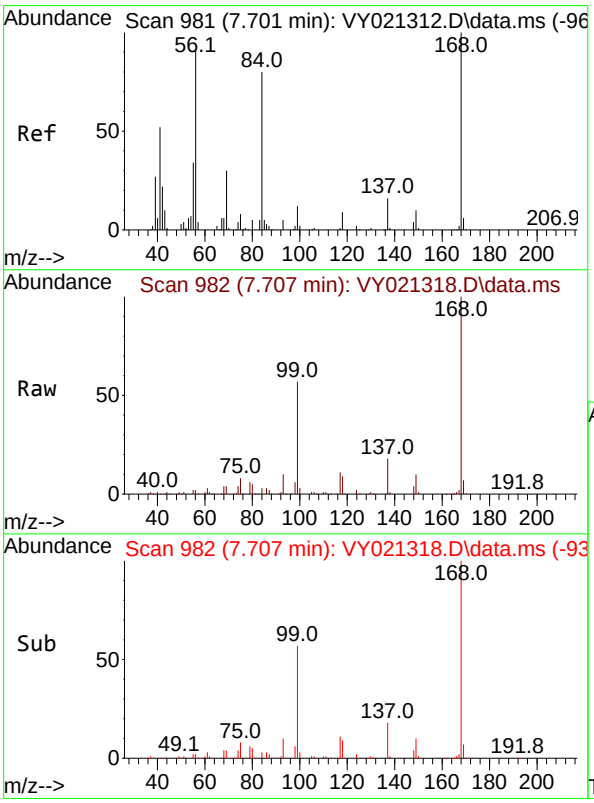
#25
2-Butanone
Concen: 1.145 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY021318.D
Acq: 25 Feb 2025 17:54

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 938

Ion	Ratio	Lower	Upper
43	100		
72	18.9	19.0	28.6#

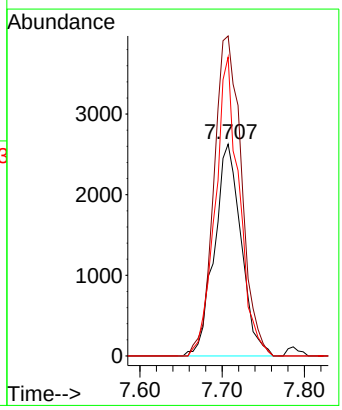


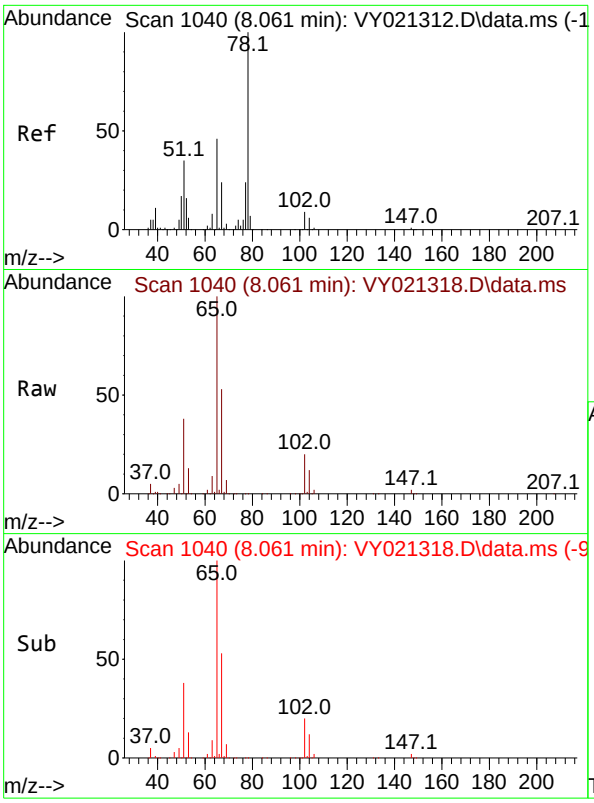


#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021318.D
Acq: 25 Feb 2025 17:54

Tgt Ion: 56 Resp: 5936

Ion	Ratio	Lower	Upper
56	100		
69	151.1	26.2	39.4#
84	141.1	70.2	105.4#



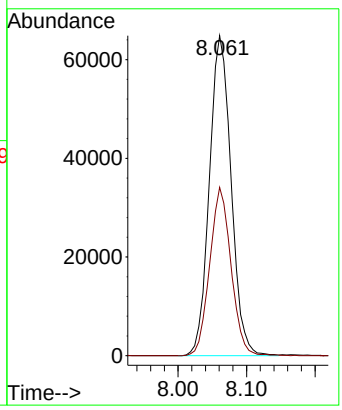


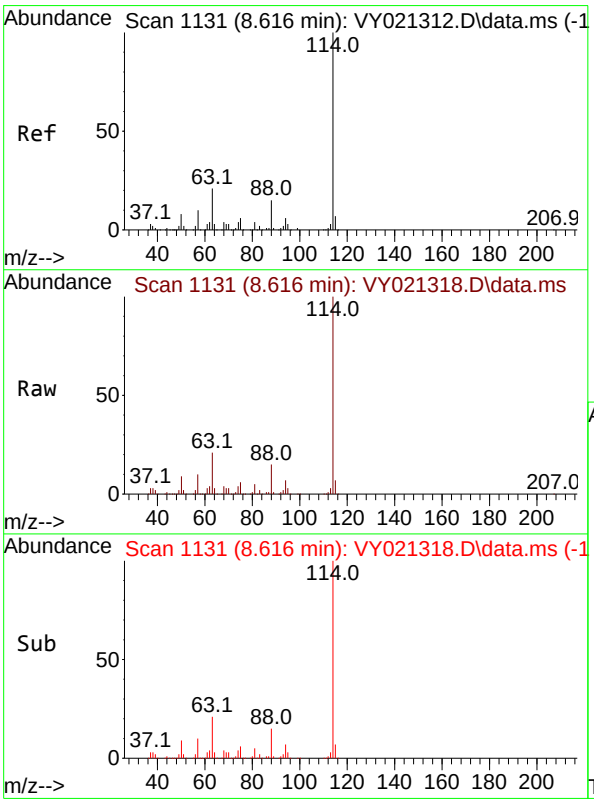
#33
1,2-Dichloroethane-d4
Concen: 50.400 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021318.D
Acq: 25 Feb 2025 17:54

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 65 Resp: 142658

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.6

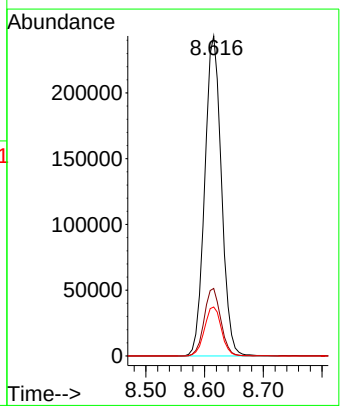


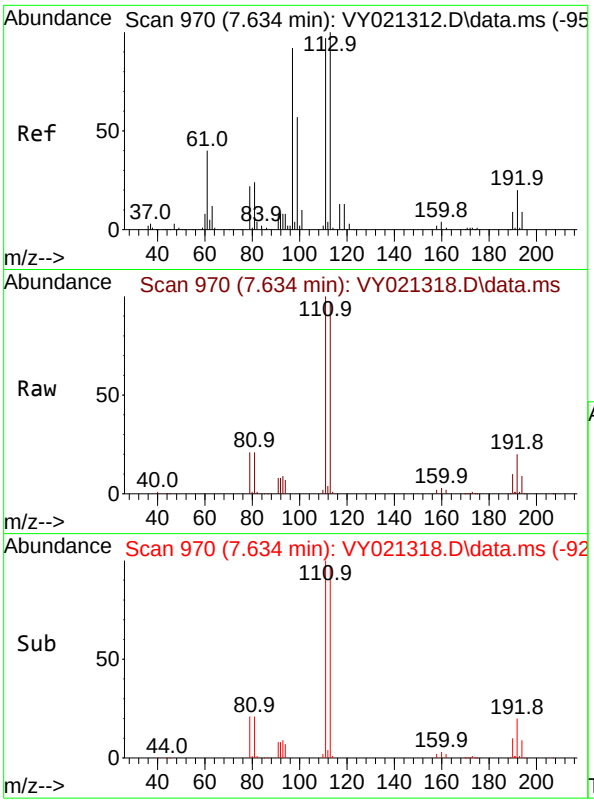


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021318.D
Acq: 25 Feb 2025 17:54

Tgt Ion:114 Resp: 479463

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.2
88	15.3	0.0	29.8



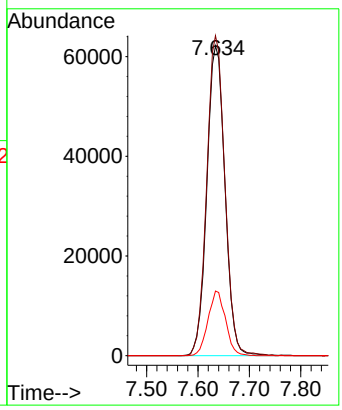


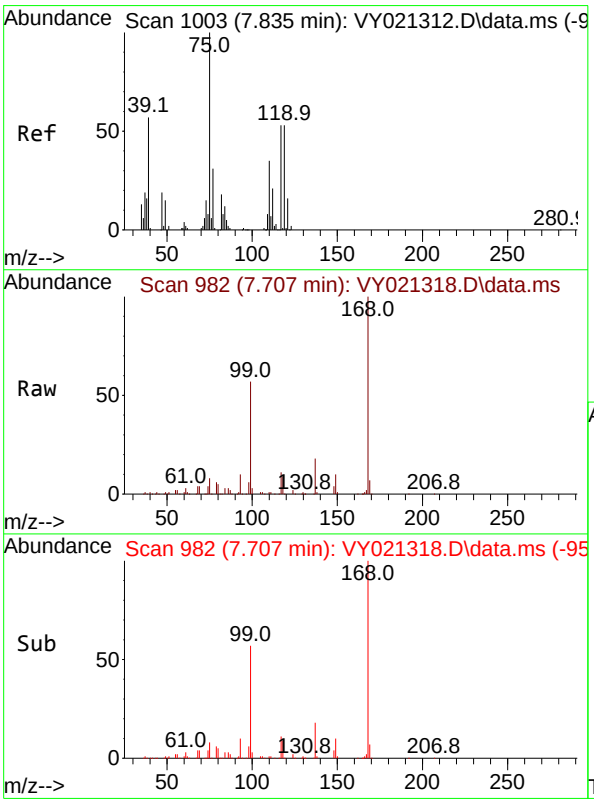
#35
Dibromofluoromethane
Concen: 48.322 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021318.D
Acq: 25 Feb 2025 17:54

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:113 Resp: 151894

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.0	121.6
192	20.2	15.8	23.8

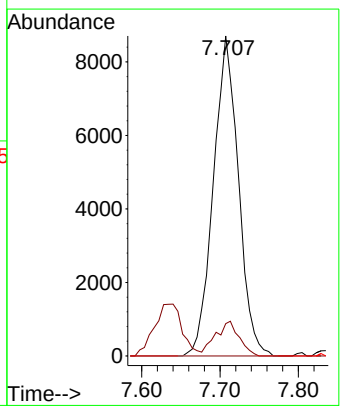


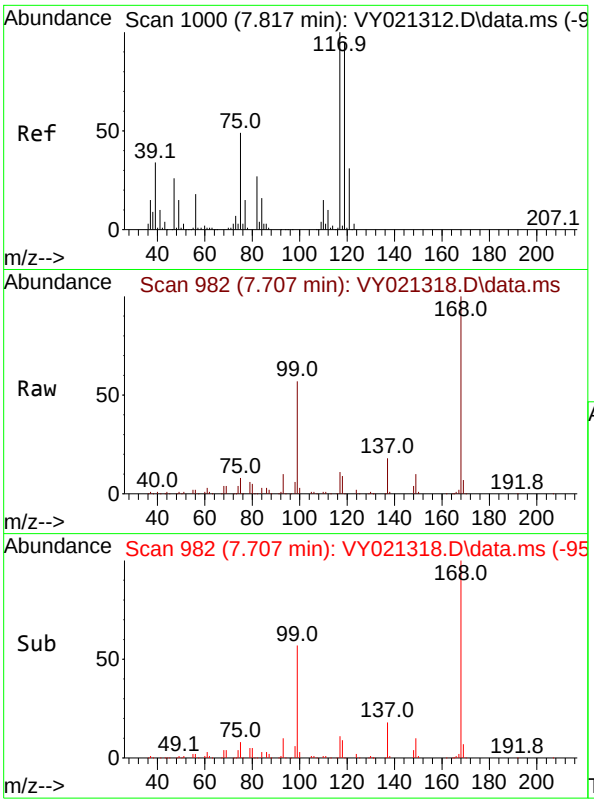


#36
1,1-Dichloropropene
Concen: 4.097 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021318.D
Acq: 25 Feb 2025 17:54

Tgt Ion: 75 Resp: 19344

Ion	Ratio	Lower	Upper
75	100		
110	10.2	16.9	50.7#
77	0.0	24.6	36.8#



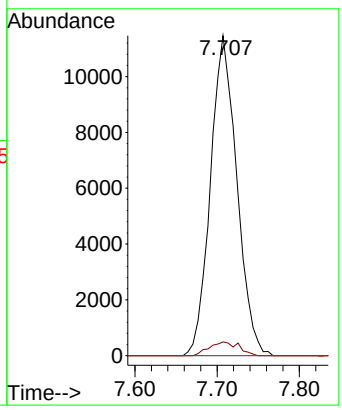


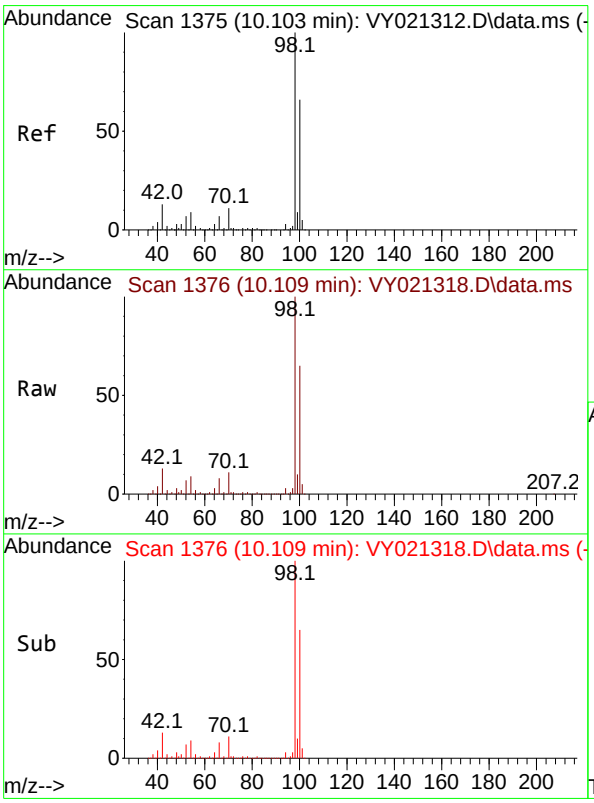
#38
Carbon Tetrachloride
Concen: 4.822 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.110 min
Lab File: VY021318.D
Acq: 25 Feb 2025 17:54

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 25598

Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.0	114.0#
121	0.0	24.9	37.3#

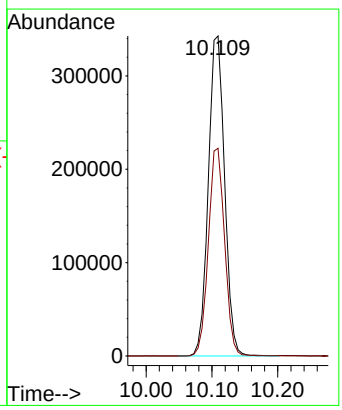


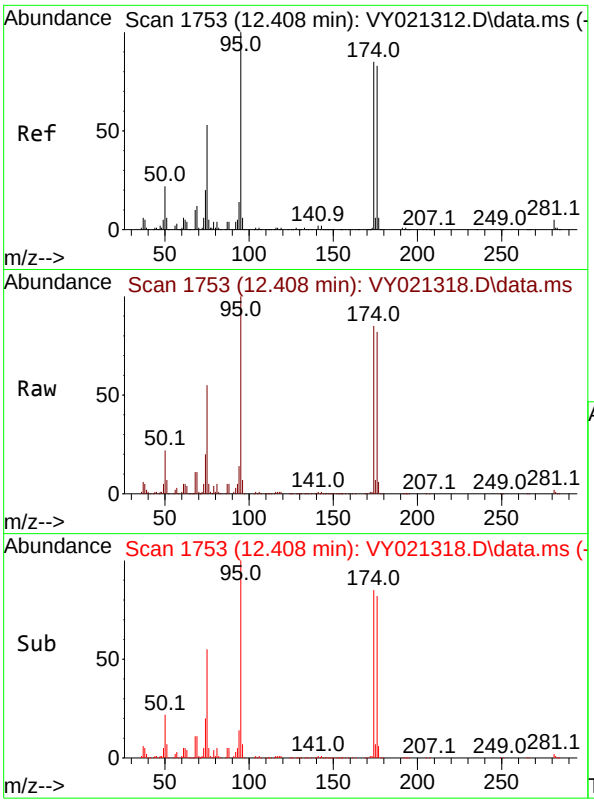


#50
Toluene-d8
Concen: 48.666 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021318.D
Acq: 25 Feb 2025 17:54

Tgt Ion: 98 Resp: 591208

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.4	78.6



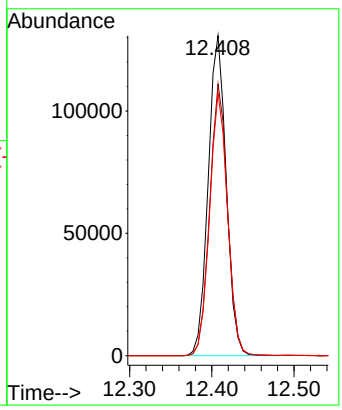


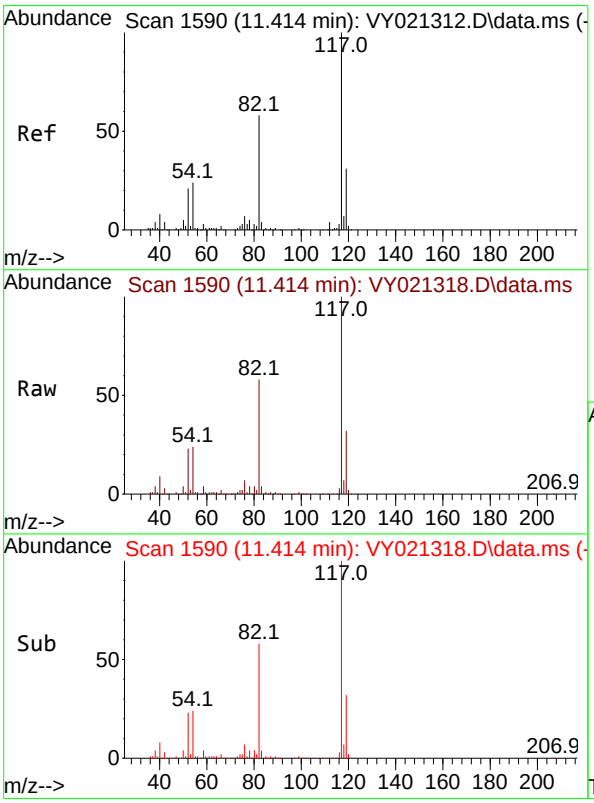
#62
4-Bromofluorobenzene
Concen: 48.742 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021318.D
Acq: 25 Feb 2025 17:54

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 199282

Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	168.0
176	81.5	0.0	162.6

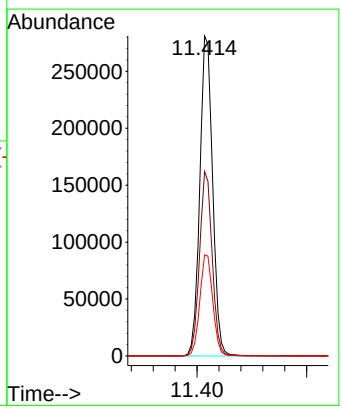


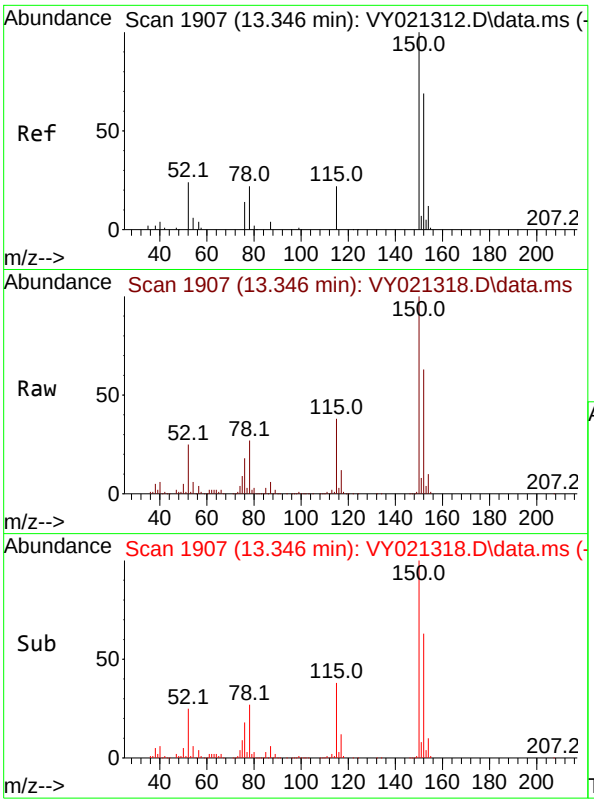


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021318.D
Acq: 25 Feb 2025 17:54

Tgt Ion:117 Resp: 455850

Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.2	69.4
119	31.6	24.9	37.3



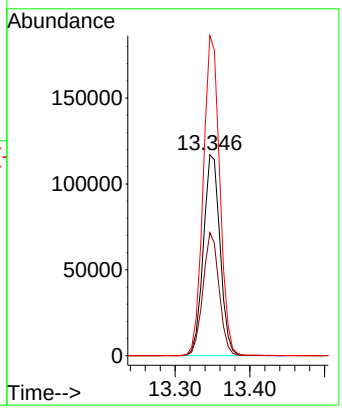


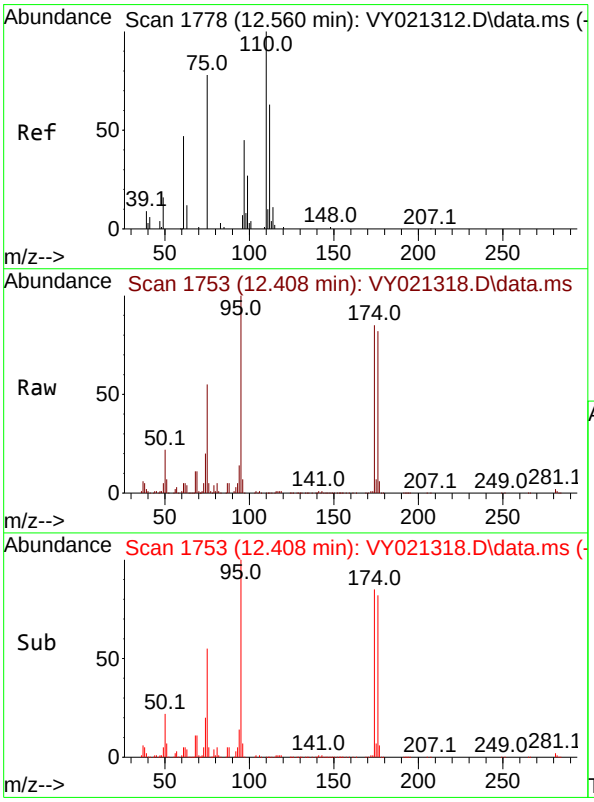
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021318.D
Acq: 25 Feb 2025 17:54

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:152 Resp: 181086

Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.3	88.0
150	158.0	0.0	347.4

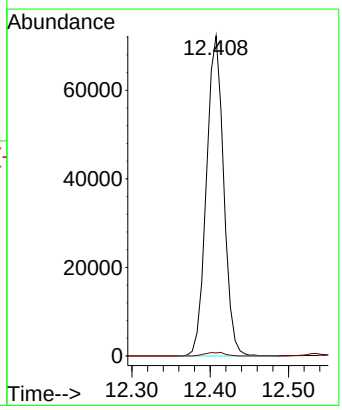


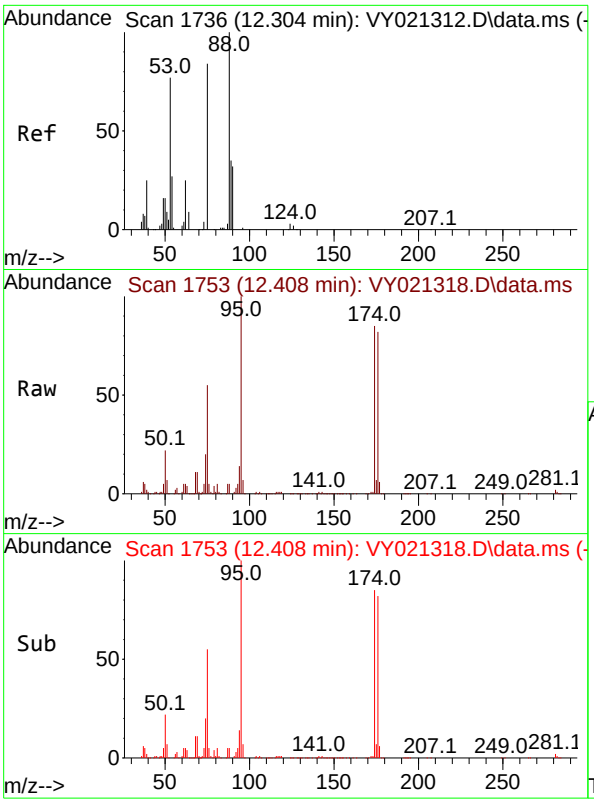


#76
1,2,3-Trichloropropane
Concen: 60.805 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021318.D
Acq: 25 Feb 2025 17:54

Tgt Ion: 75 Resp: 110213

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 135.147 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY021318.D
Acq: 25 Feb 2025 17:54

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 110213

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.1	118.7#
89	0.1	35.6	53.4#