Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021225\
Data File : VY021181.D
Acq On : 12 Feb 2025 14:12
Operator : SY/MD
Sample : Q1353-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 13 08:05:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	12370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	19210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	14381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	3057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	6203	48.942	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.880%			
35) Dibromofluoromethane	7.634	113	6304	51.206	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.420%			
50) Toluene-d8	10.115	98	21638	46.167	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.340%			
62) 4-Bromofluorobenzene	12.414	95	4326	28.253	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 56.500%			
Target Compounds						Qvalue
3) Chloromethane	2.074	50	170	1.563	ug/l #	41
5) Bromomethane	2.611	94	168	2.482	ug/l #	67
10) Methyl Iodide	4.019	142	222	1.596	ug/l #	88
16) Acetone	3.854	43	154	7.792	ug/l #	41
31) Cyclohexane	7.713	56	281	1.300	ug/l #	20
36) 1,1-Dichloropropene	7.719	75	1107	6.071	ug/l #	46
38) Carbon Tetrachloride	7.713	117	1272	5.970	ug/l #	12
76) 1,2,3-Trichloropropane	12.414	75	2551	91.992	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	2551	187.707	ug/l #	12
95) Naphthalene	15.145	128	365	4.438	ug/l #	69

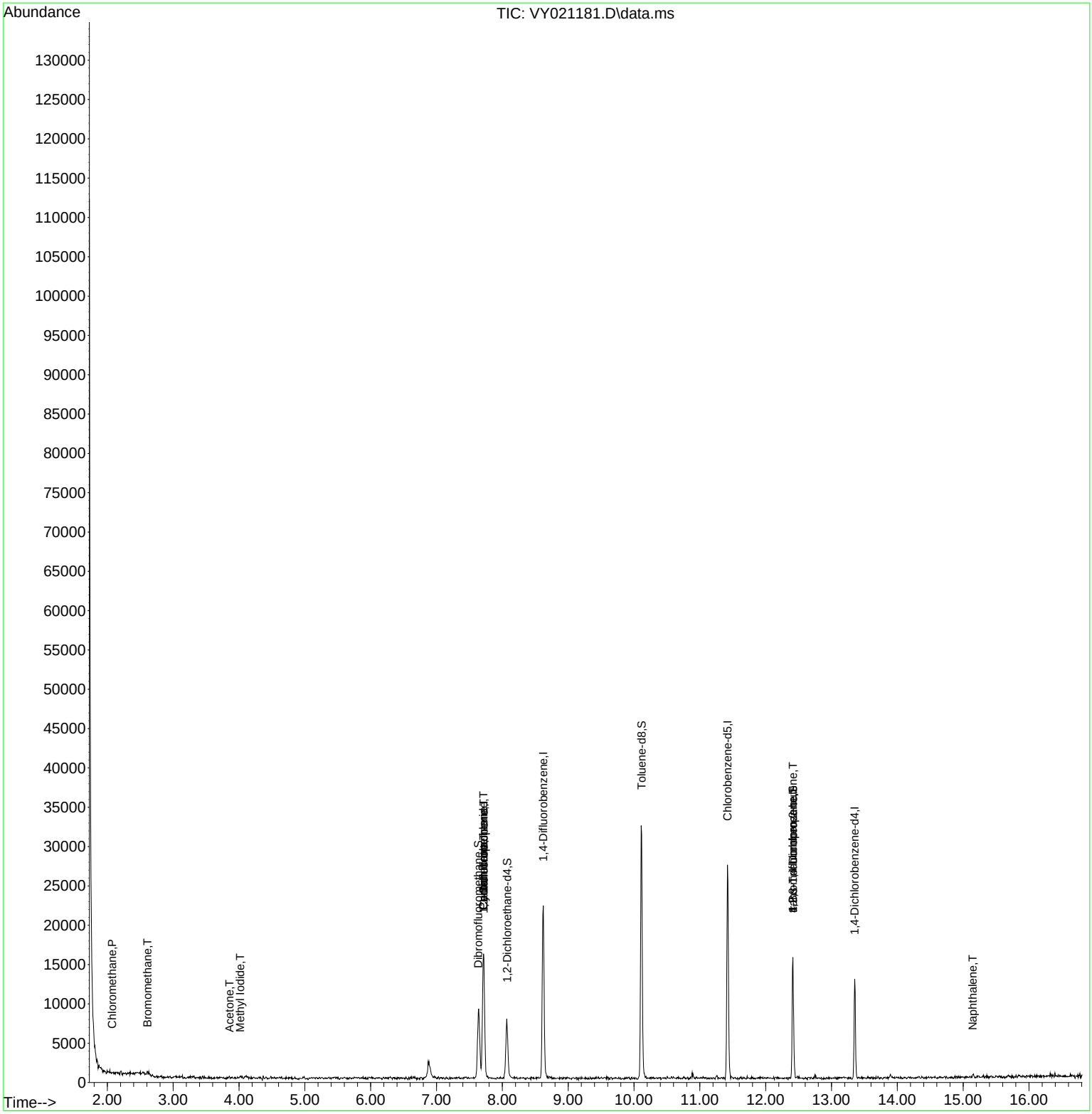
(#) = qualifier out of range (m) = manual integration (+) = signals summed

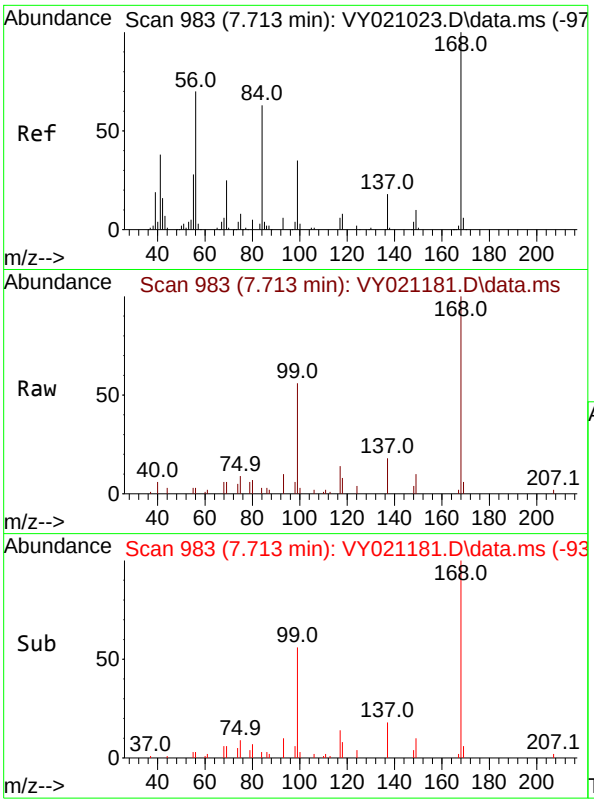
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021225\
Data File : VY021181.D
Acq On : 12 Feb 2025 14:12
Operator : SY/MD
Sample : Q1353-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 13 08:05:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



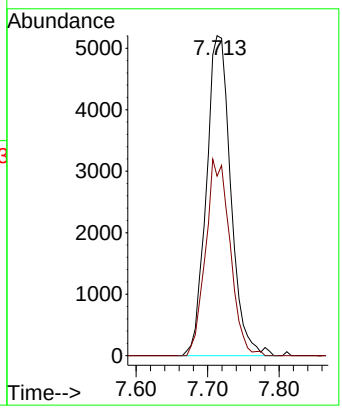


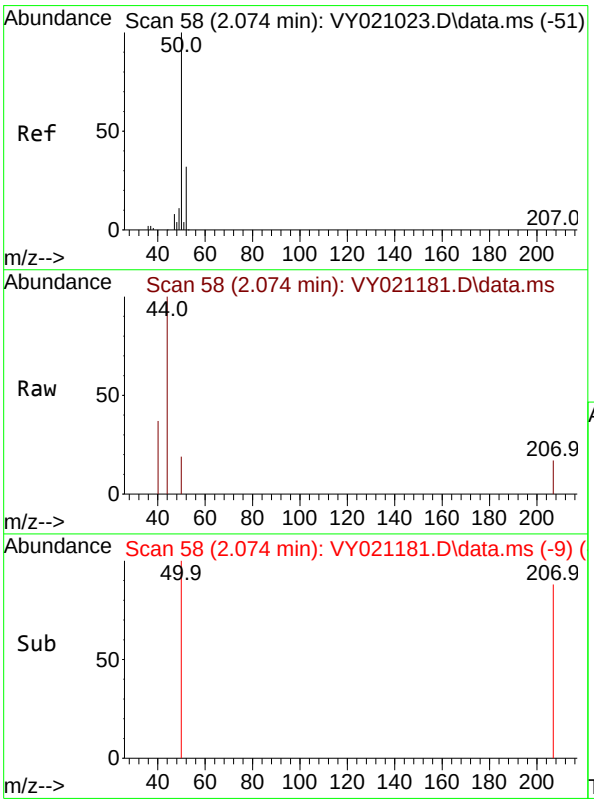
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021181.D
Acq: 12 Feb 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 12370

Ion	Ratio	Lower	Upper
168	100		
99	56.1	44.2	66.4

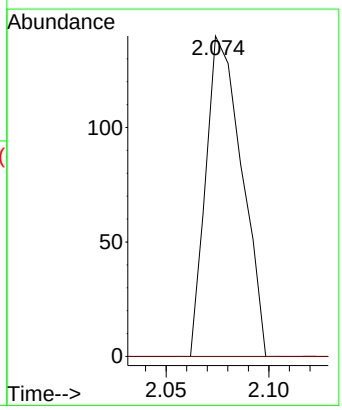


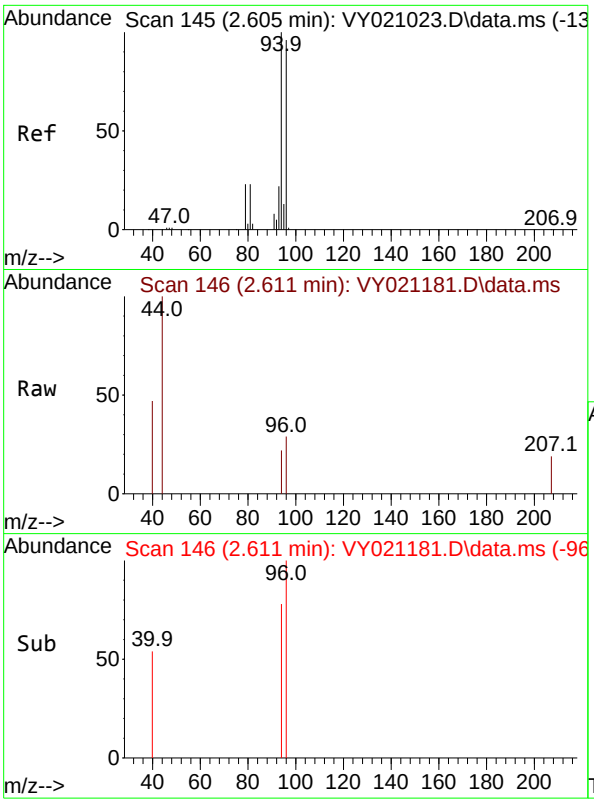


#3
Chloromethane
Concen: 1.563 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY021181.D
Acq: 12 Feb 2025 14:12

Tgt Ion: 50 Resp: 170

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.7	40.1#



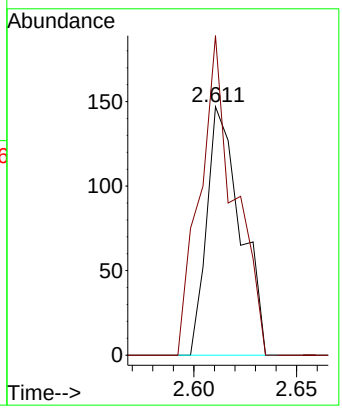


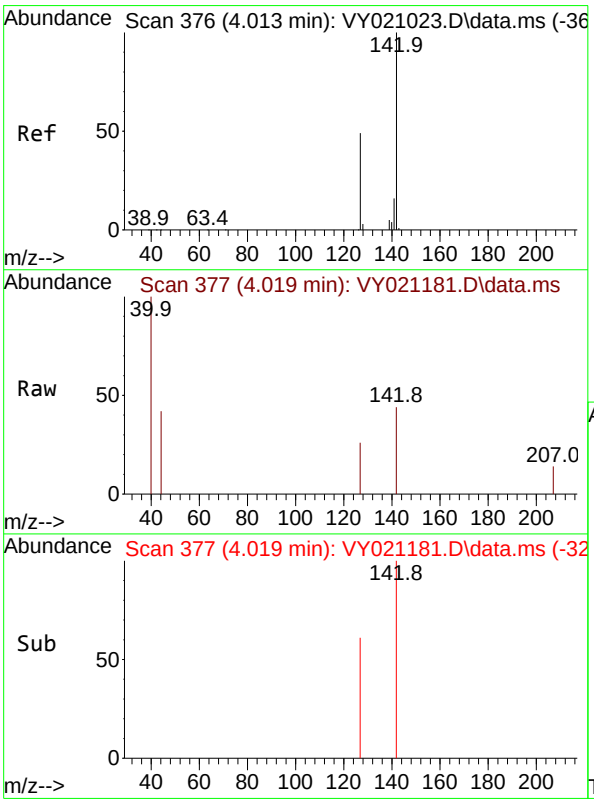
#5
Bromomethane
Concen: 2.482 ug/l
RT: 2.611 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021181.D
Acq: 12 Feb 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 168

Ion	Ratio	Lower	Upper
94	100		
96	128.6	77.3	115.9#

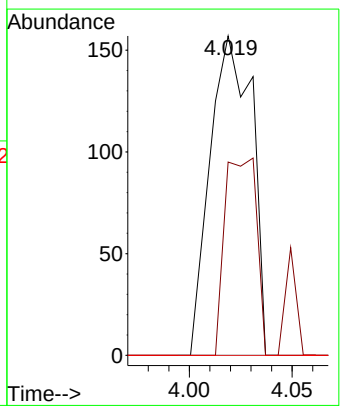


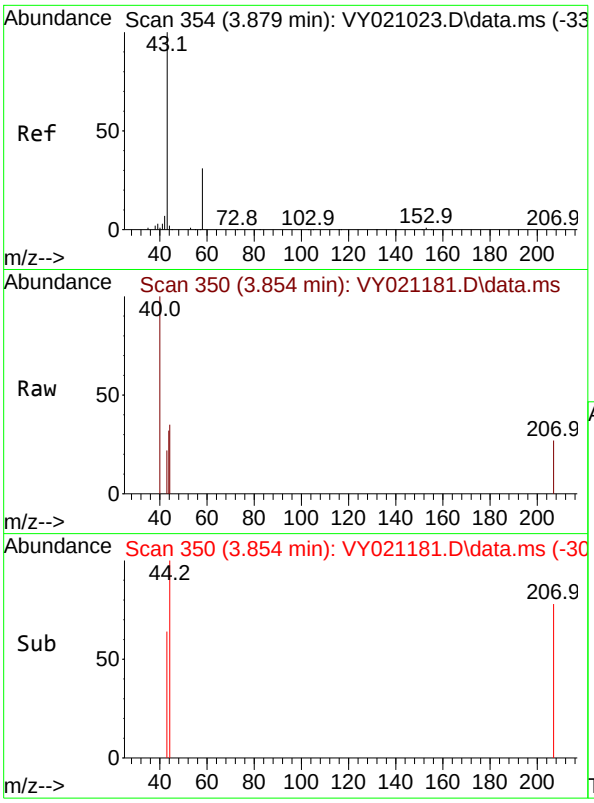


#10
Methyl Iodide
Concen: 1.596 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021181.D
Acq: 12 Feb 2025 14:12

Tgt Ion:142 Resp: 222

Ion	Ratio	Lower	Upper
142	100		
127	46.8	35.1	52.7
141	0.0	11.8	17.6#



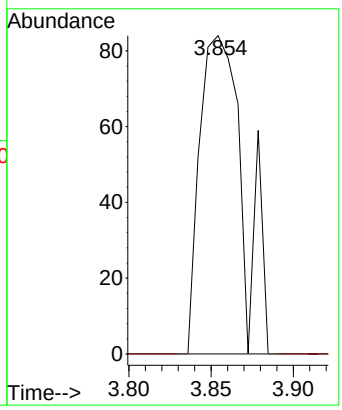


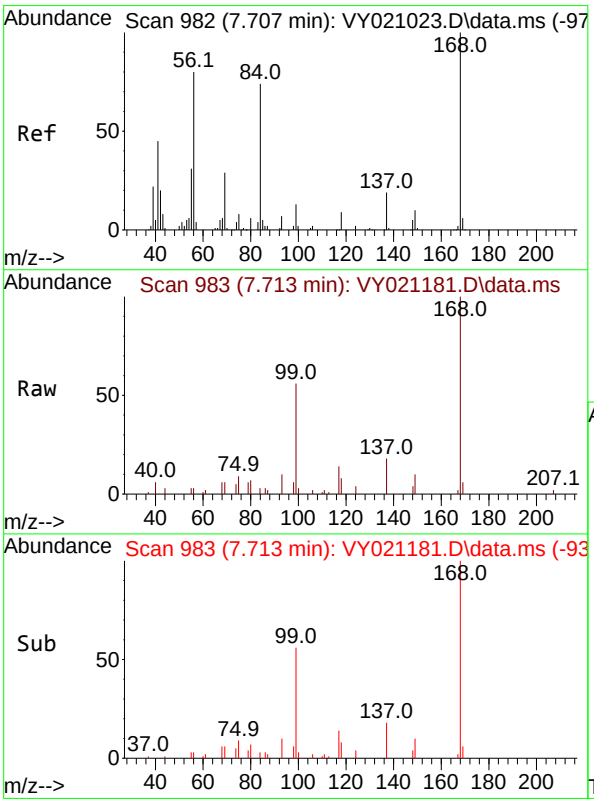
#16
Acetone
Concen: 7.792 ug/l
RT: 3.854 min Scan# 3
Delta R.T. -0.025 min
Lab File: VY021181.D
Acq: 12 Feb 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 154

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.6	39.8#

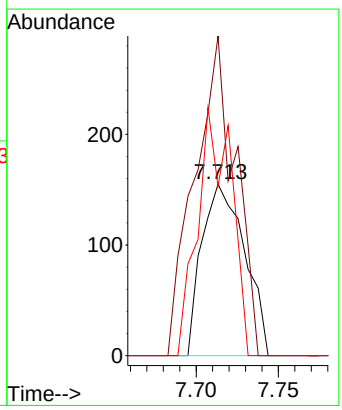


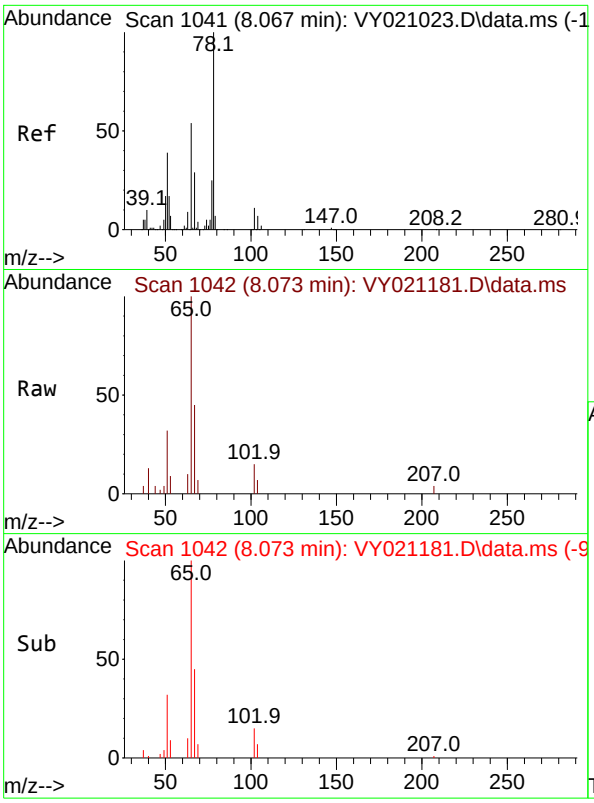


#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021181.D
Acq: 12 Feb 2025 14:12

Tgt Ion: 56 Resp: 281

Ion	Ratio	Lower	Upper
56	100		
69	186.5	27.0	40.6#
84	98.7	71.8	107.6



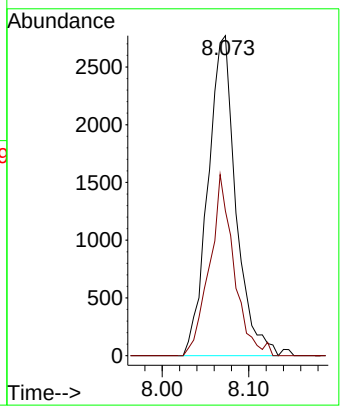


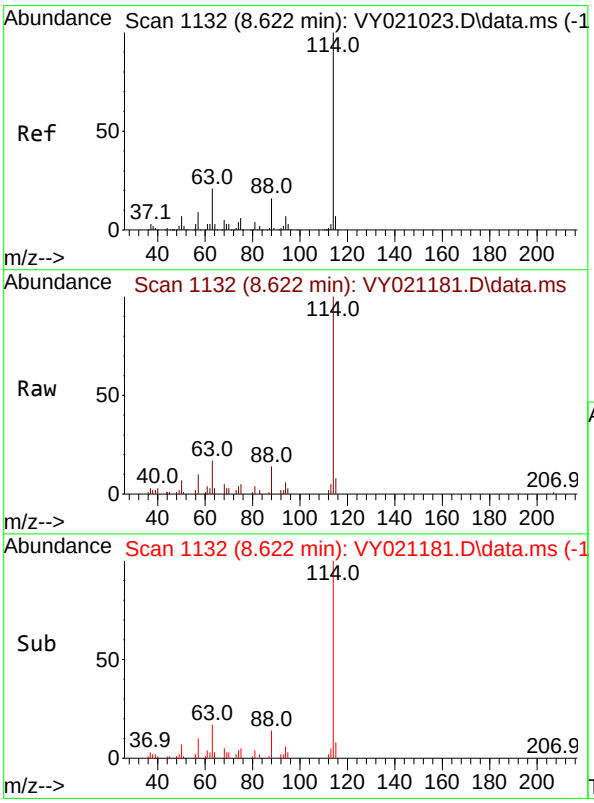
#33
1,2-Dichloroethane-d4
Concen: 48.942 ug/l
RT: 8.073 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021181.D
Acq: 12 Feb 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 6203

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	109.0

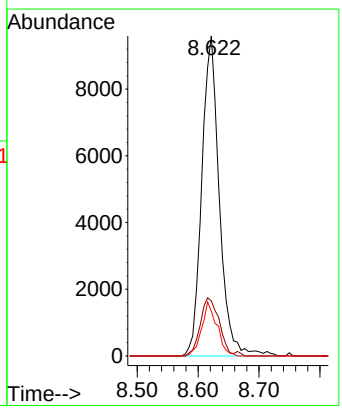


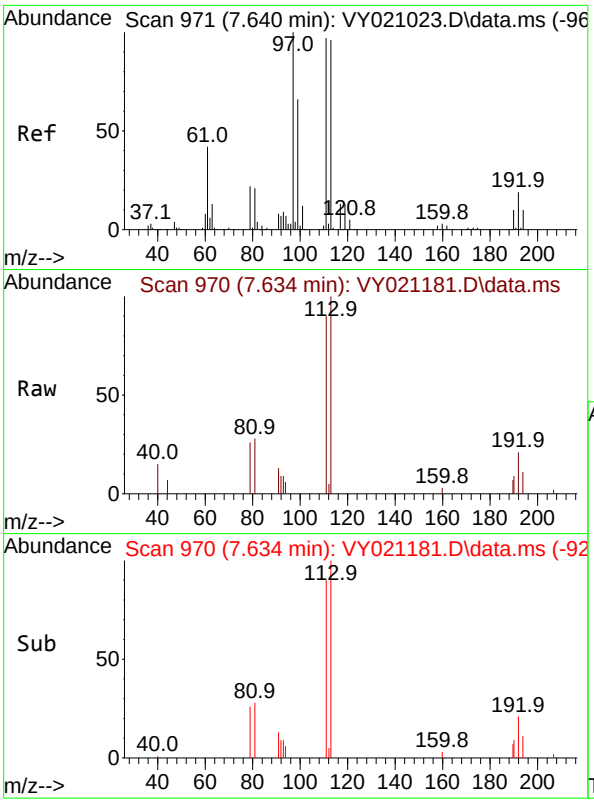


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021181.D
Acq: 12 Feb 2025 14:12

Tgt Ion:114 Resp: 19210

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	37.4
88	14.0	0.0	29.0



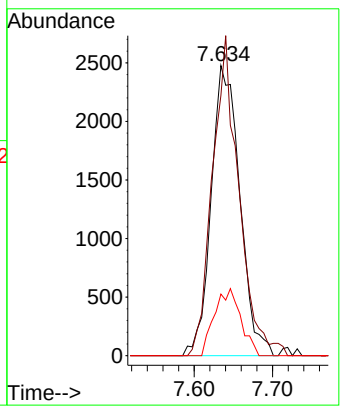


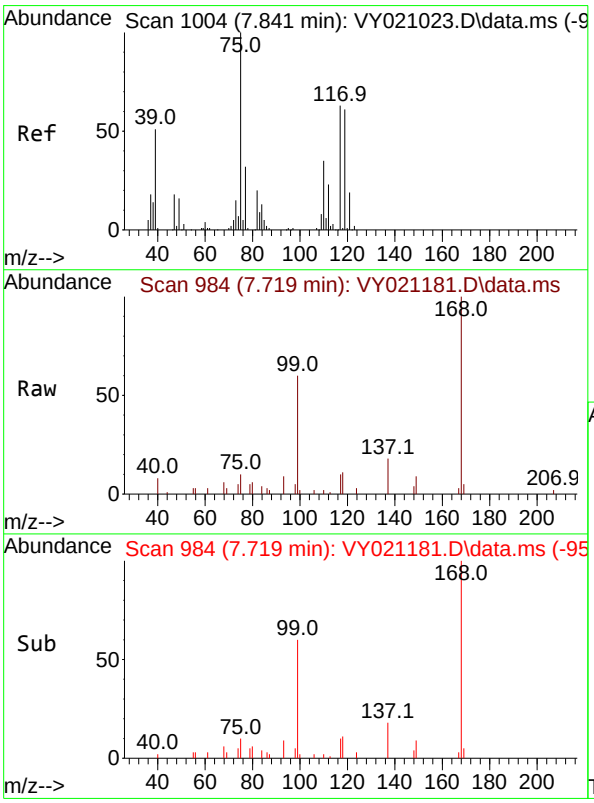
#35
Dibromofluoromethane
Concen: 51.206 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021181.D
Acq: 12 Feb 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 6304

Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.8	125.6
192	21.2	14.5	21.7

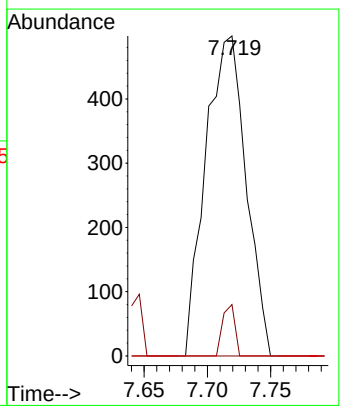


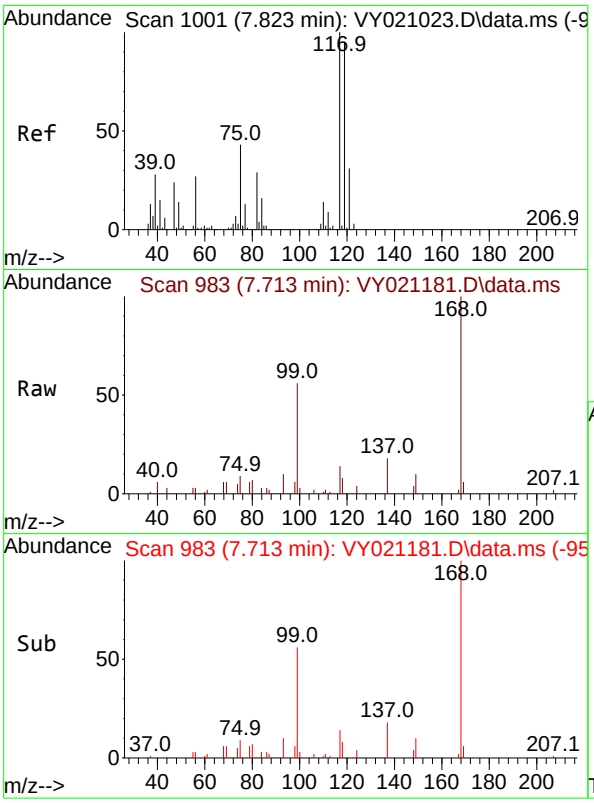


#36
1,1-Dichloropropene
Concen: 6.071 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY021181.D
Acq: 12 Feb 2025 14:12

Tgt Ion: 75 Resp: 1107

Ion	Ratio	Lower	Upper
75	100		
110	4.9	17.4	52.3#
77	0.0	24.7	37.1#



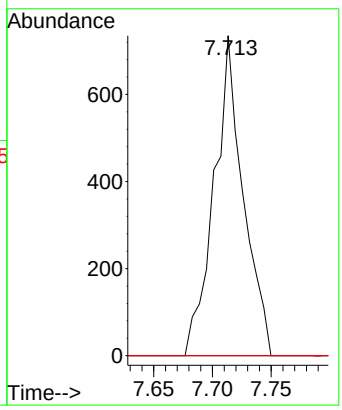


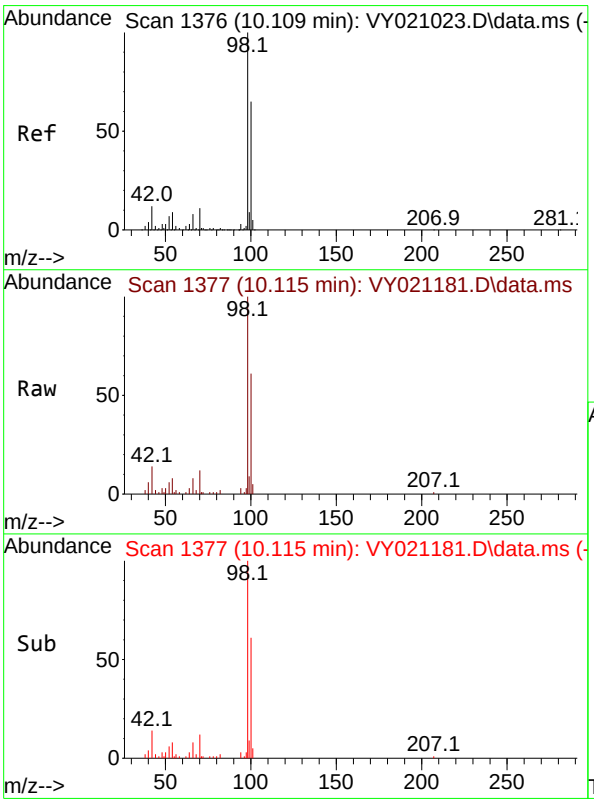
#38
Carbon Tetrachloride
Concen: 5.970 ug/l
RT: 7.713 min Scan# 9
Delta R.T. -0.110 min
Lab File: VY021181.D
Acq: 12 Feb 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 1272

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.0	114.0#
121	0.0	24.2	36.2#

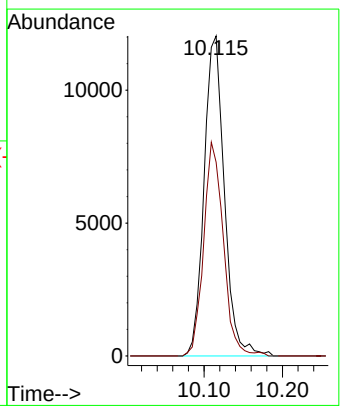


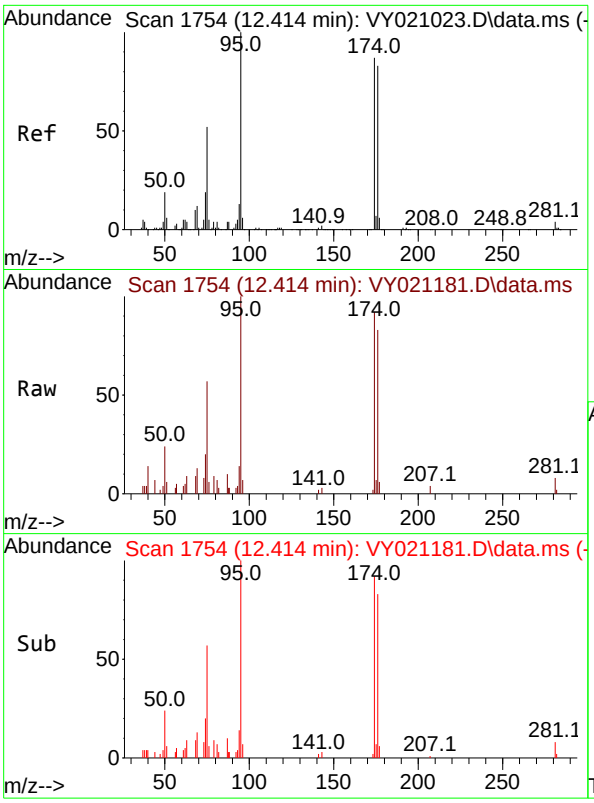


#50
Toluene-d8
Concen: 46.167 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021181.D
Acq: 12 Feb 2025 14:12

Tgt Ion: 98 Resp: 21638

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.3	78.5



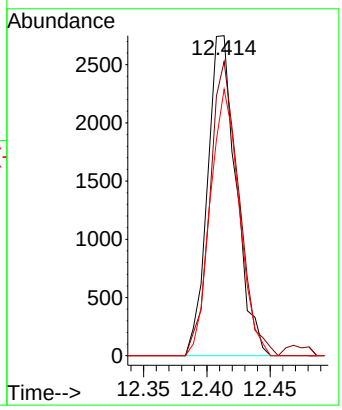


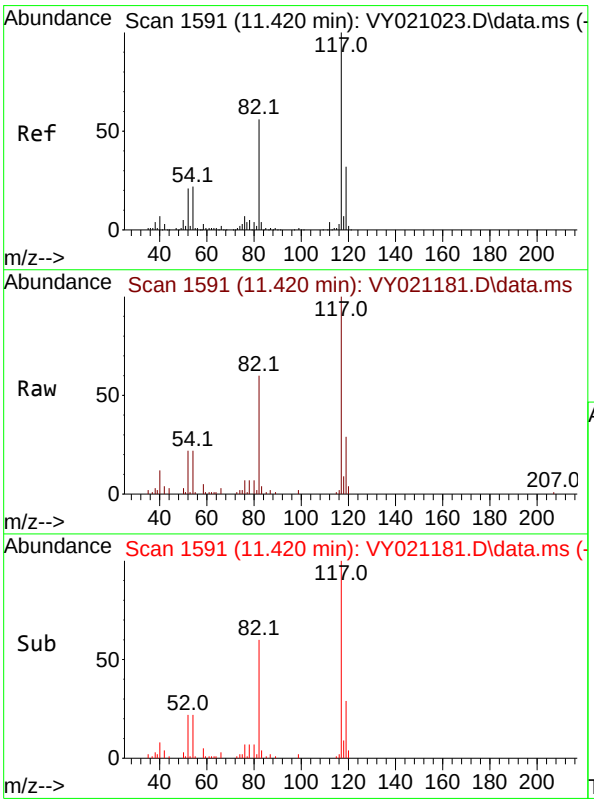
#62
4-Bromofluorobenzene
Concen: 28.253 ug/l
RT: 12.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021181.D
Acq: 12 Feb 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 4326

Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	160.0
176	84.5	0.0	151.8

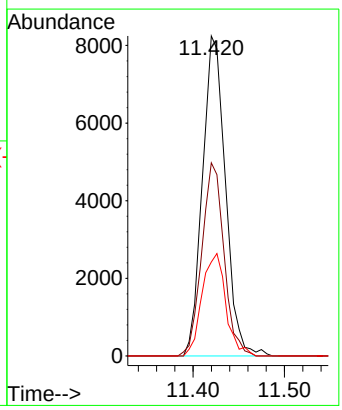


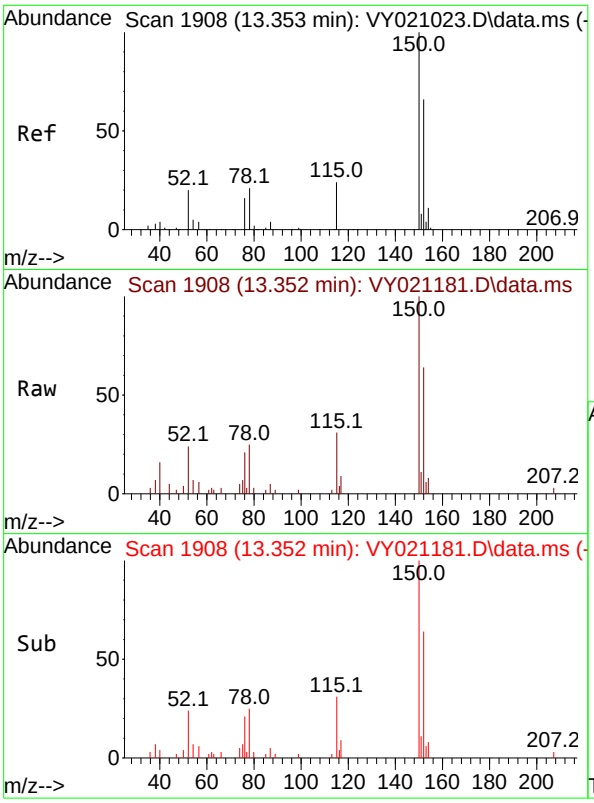


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021181.D
Acq: 12 Feb 2025 14:12

Tgt Ion:117 Resp: 14381

Ion	Ratio	Lower	Upper
117	100		
82	60.4	43.8	65.8
119	29.4	26.5	39.7



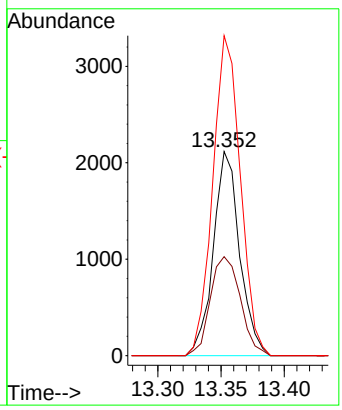


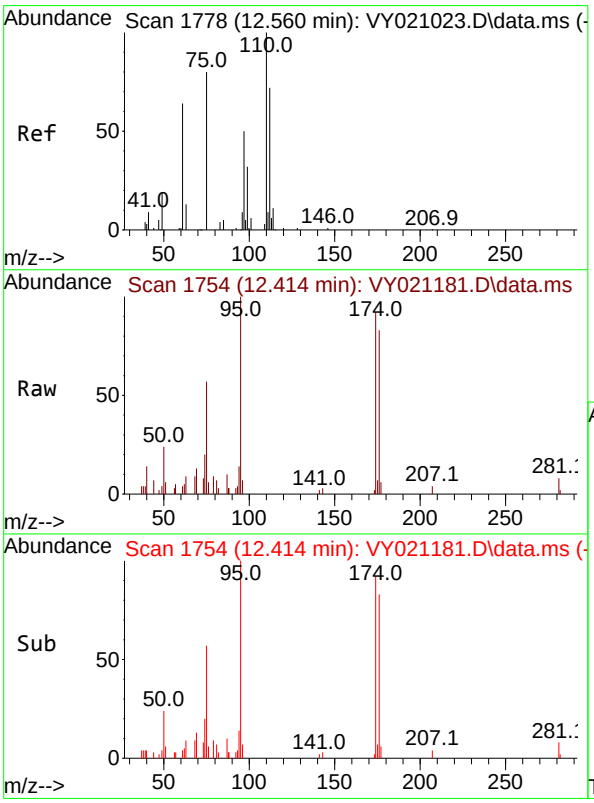
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021181.D
Acq: 12 Feb 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 3057

Ion	Ratio	Lower	Upper
152	100		
115	55.4	30.0	90.0
150	164.6	0.0	344.6

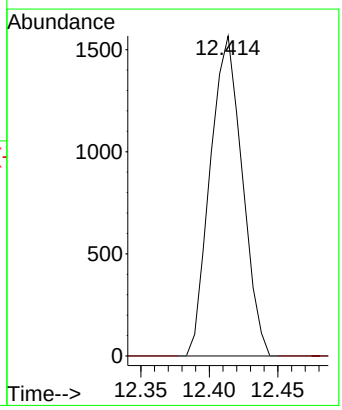


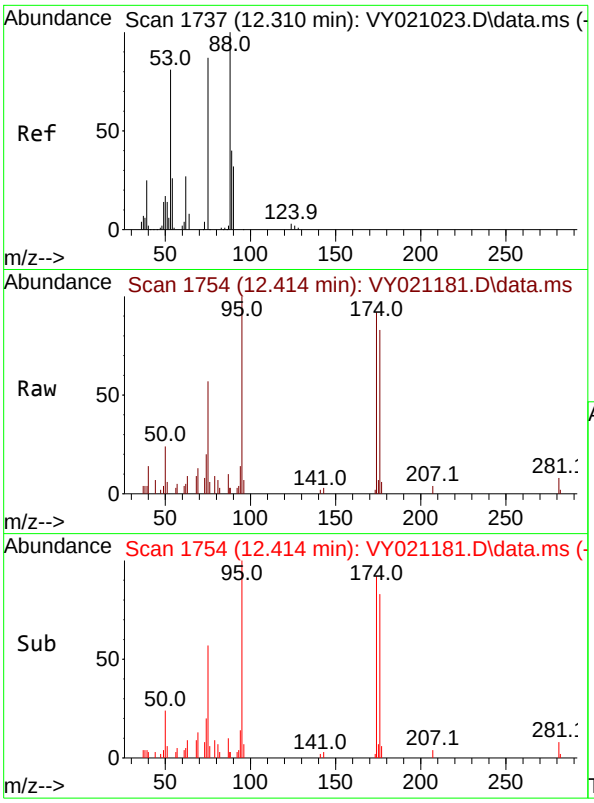


#76
1,2,3-Trichloropropane
Concen: 91.992 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.147 min
Lab File: VY021181.D
Acq: 12 Feb 2025 14:12

Tgt Ion: 75 Resp: 2551

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



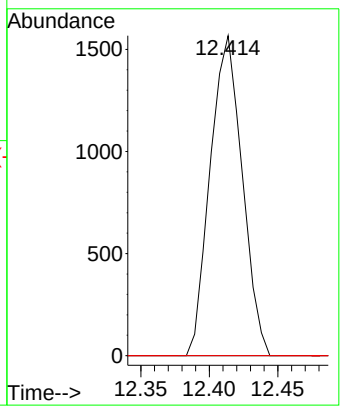


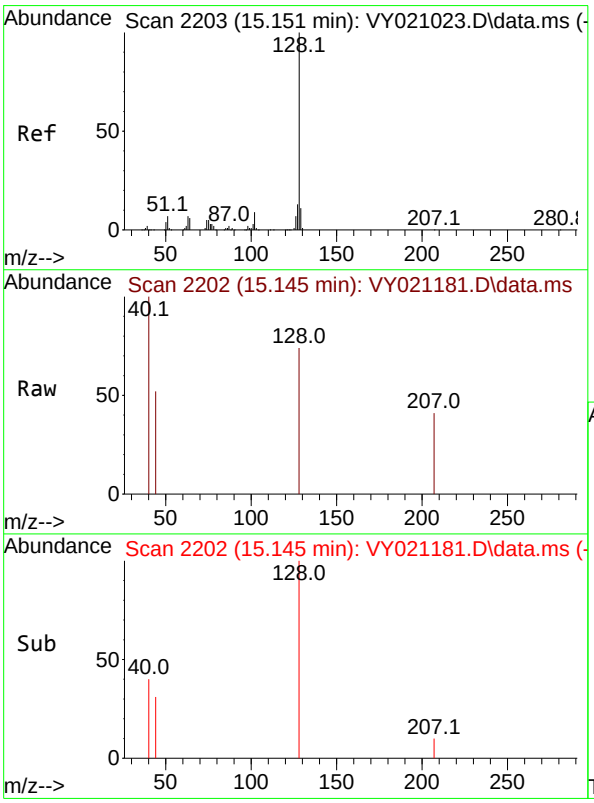
#81
trans-1,4-Dichloro-2-butene
Concen: 187.707 ug/l
RT: 12.414 min Scan# 1
Delta R.T. 0.103 min
Lab File: VY021181.D
Acq: 12 Feb 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 2551

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.0	111.0#
89	0.0	36.5	54.7#





#95
Naphthalene
Concen: 4.438 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.006 min
Lab File: VY021181.D
Acq: 12 Feb 2025 14:12

Tgt Ion:128 Resp: 365

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#