Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
Data File : VY020981.D
Acq On : 30 Jan 2025 13:02
Operator : SY/MD
Sample : VY0130SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 31 04:38:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 02:19:37 2025
Response via : Initial Calibration

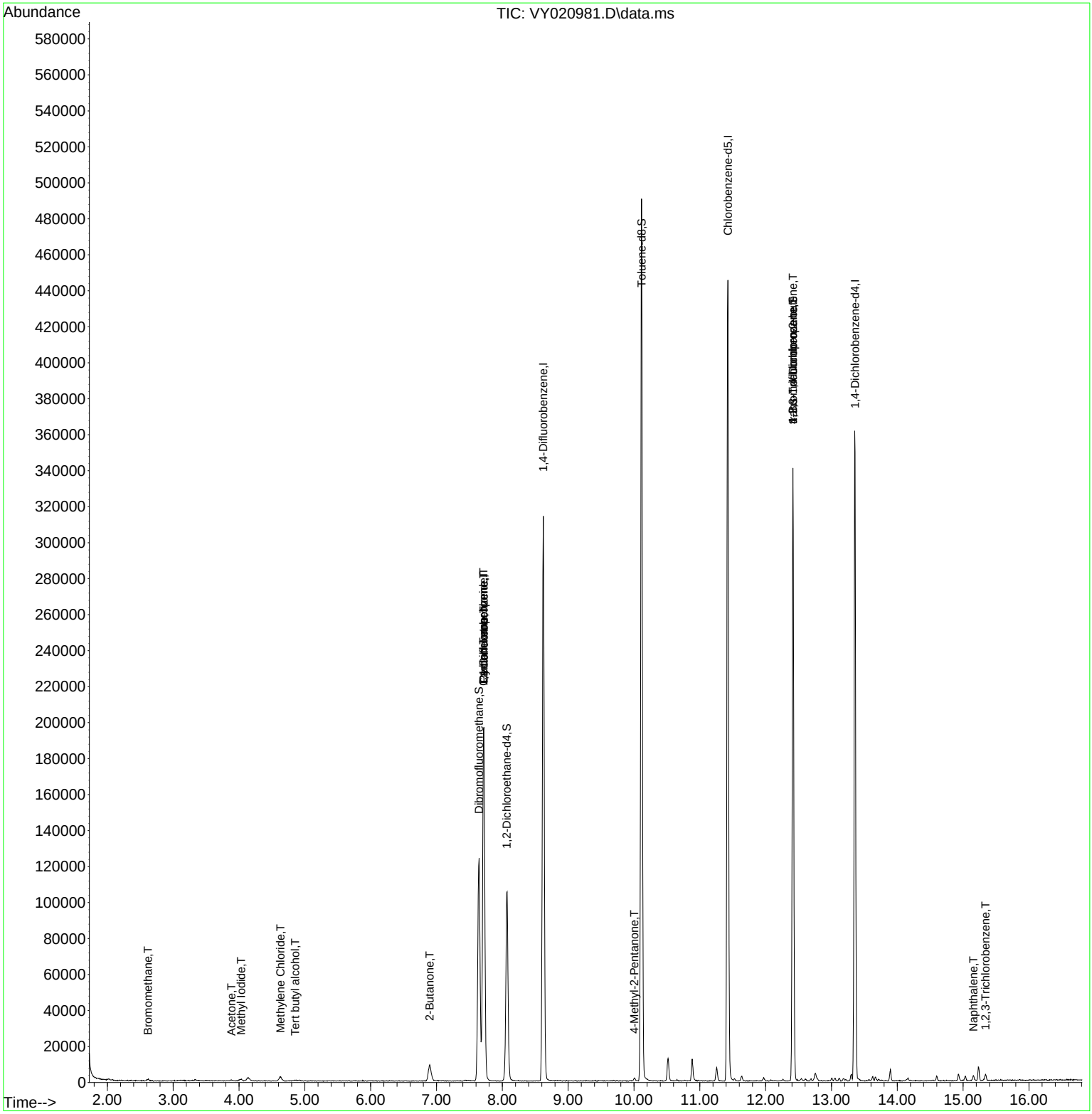
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	163382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	277976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	251176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	99113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	85247	61.282	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.560%			
35) Dibromofluoromethane	7.646	113	89801	53.736	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.480%			
50) Toluene-d8	10.115	98	332751	51.015	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.040%			
62) 4-Bromofluorobenzene	12.414	95	104147	47.585	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 95.160%			
Target Compounds						Qvalue
5) Bromomethane	2.617	94	686	1.113	ug/l #	79
10) Methyl Iodide	4.031	142	1779	1.051	ug/l #	98
11) Tert butyl alcohol	4.854	59	421	4.143	ug/l #	73
16) Acetone	3.885	43	1022	5.390	ug/l	99
20) Methylene Chloride	4.628	84	2006	1.435	ug/l #	89
25) 2-Butanone	6.896	43	516	1.604	ug/l #	44
31) Cyclohexane	7.719	56	2839	1.160	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	10678	4.479	ug/l #	50
38) Carbon Tetrachloride	7.713	117	15975	5.415	ug/l #	16
51) 4-Methyl-2-Pentanone	10.006	43	1086	1.190	ug/l	98
76) 1,2,3-Trichloropropane	12.414	75	51874	66.115	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	51874	137.243	ug/l #	15
95) Naphthalene	15.157	128	2487	4.756	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.340	180	1360	5.242	ug/l	93

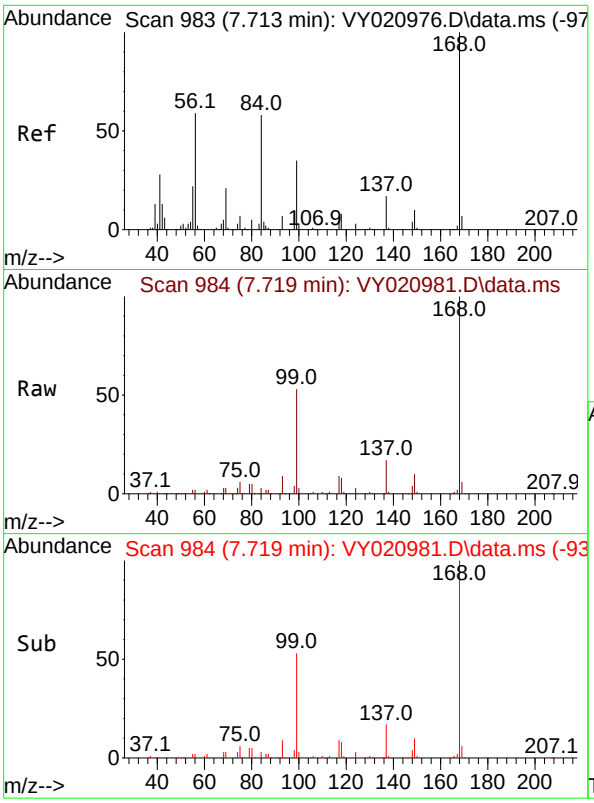
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
Data File : VY020981.D
Acq On : 30 Jan 2025 13:02
Operator : SY/MD
Sample : VY0130SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 31 04:38:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 02:19:37 2025
Response via : Initial Calibration



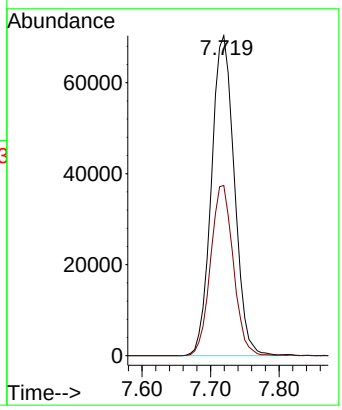


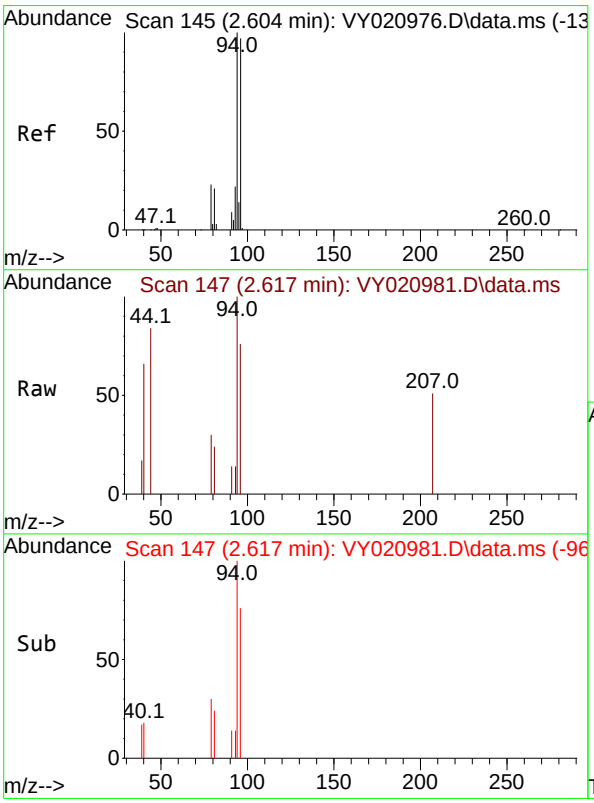
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 163382

Ion	Ratio	Lower	Upper
168	100		
99	53.2	42.2	63.2

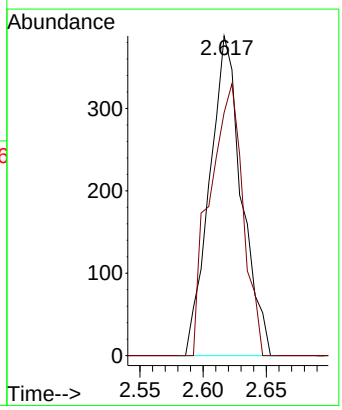


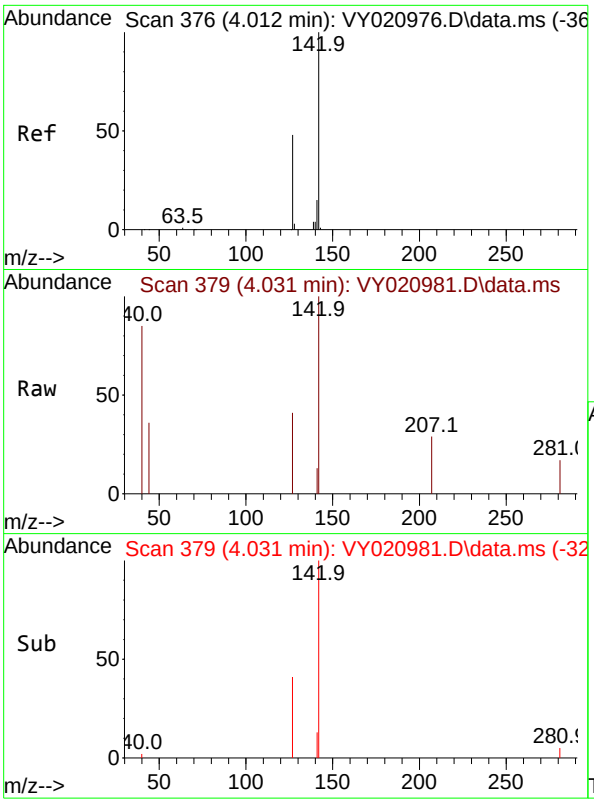


#5
Bromomethane
Concen: 1.113 ug/l
RT: 2.617 min Scan# 147
Delta R.T. 0.012 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Tgt Ion: 94 Resp: 686

Ion	Ratio	Lower	Upper
94	100		
96	76.0	77.4	116.0#



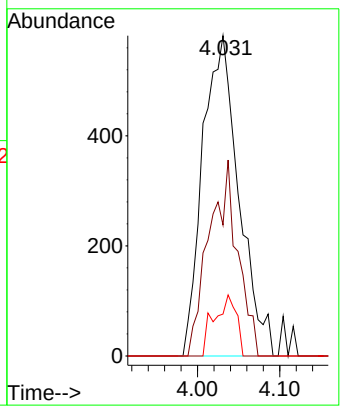


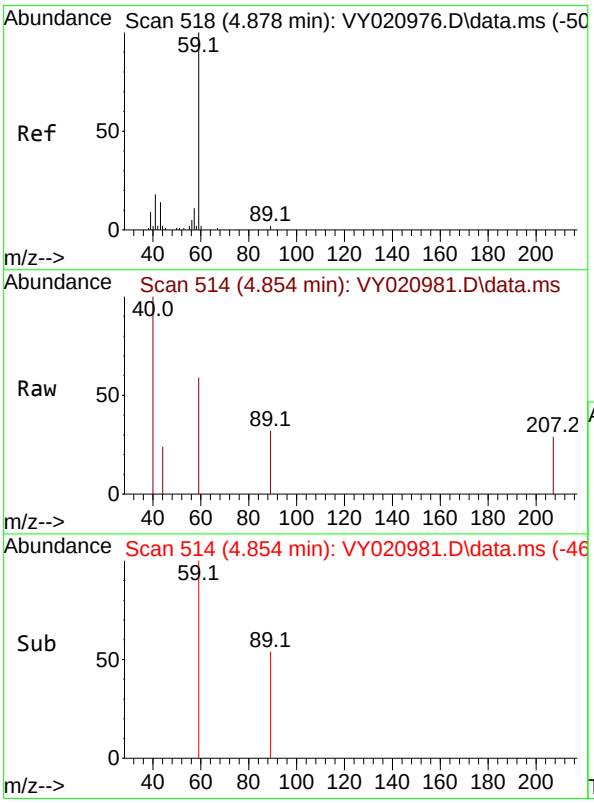
#10
Methyl Iodide
Concen: 1.051 ug/l
RT: 4.031 min Scan# 3
Delta R.T. 0.019 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 1779

Ion	Ratio	Lower	Upper
142	100		
127	48.3	38.9	58.3
141	11.6	11.7	17.5#

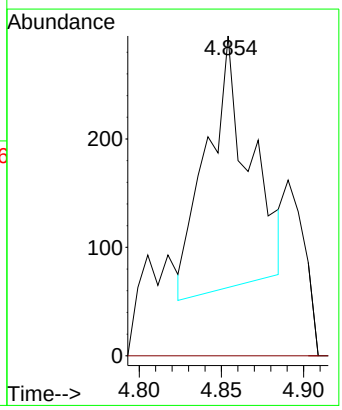


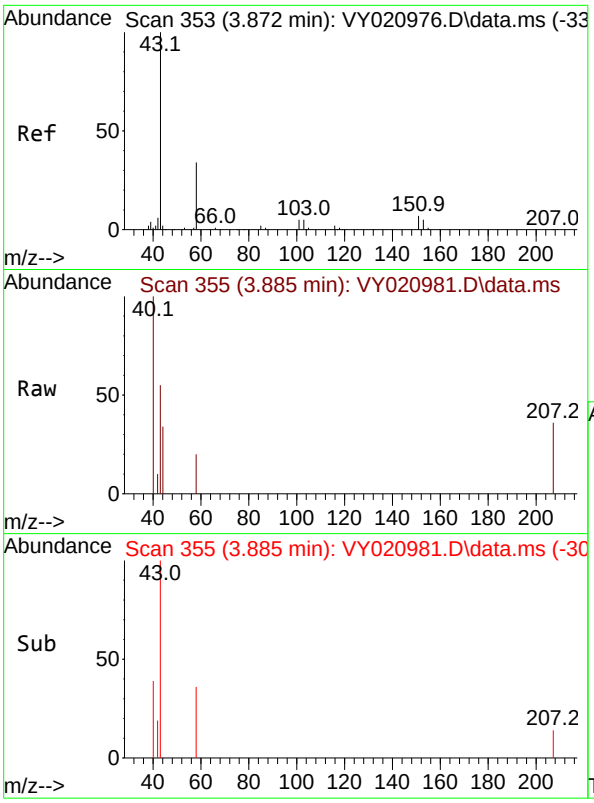


#11
Tert butyl alcohol
Concen: 4.143 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Tgt Ion: 59 Resp: 421

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



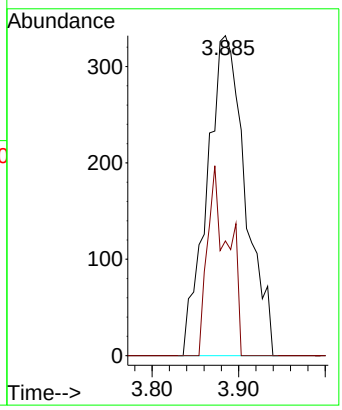


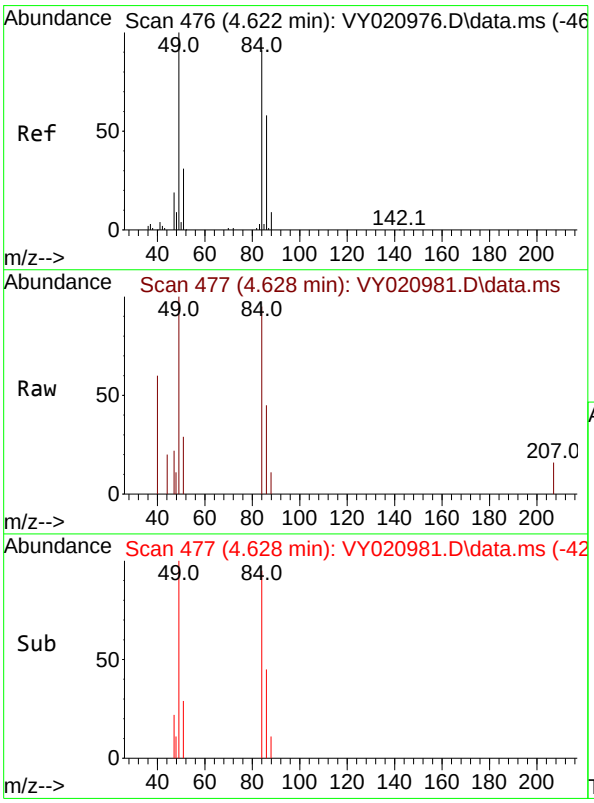
#16
Acetone
Concen: 5.390 ug/l
RT: 3.885 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1022

Ion	Ratio	Lower	Upper
43	100		
58	35.8	28.4	42.6

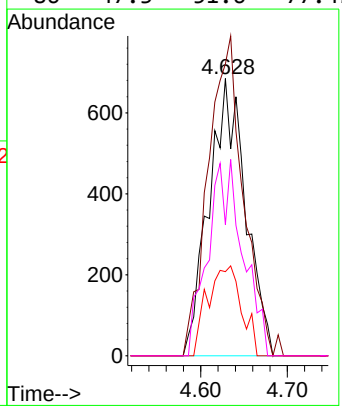


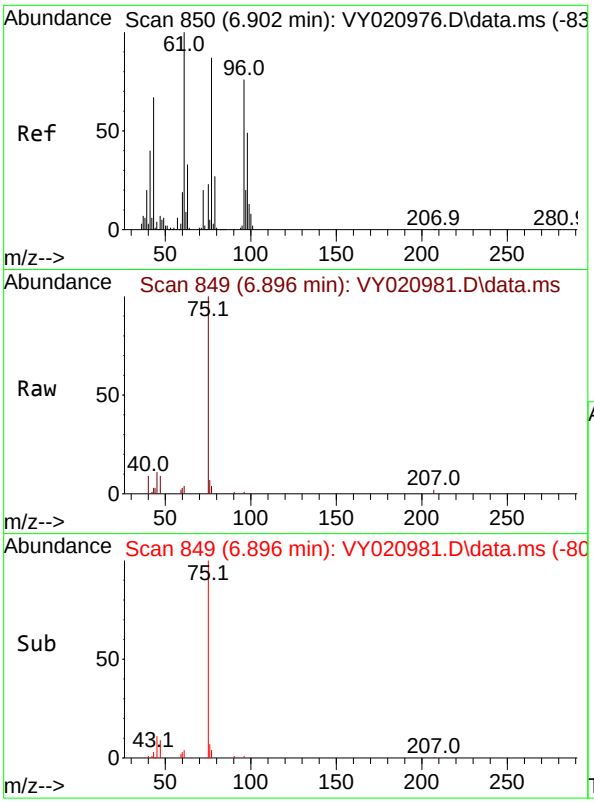


#20
Methylene Chloride
Concen: 1.435 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Tgt Ion: 84 Resp: 2006

Ion	Ratio	Lower	Upper
84	100		
49	105.3	88.3	132.5
51	30.4	27.7	41.5
86	47.3	51.6	77.4#



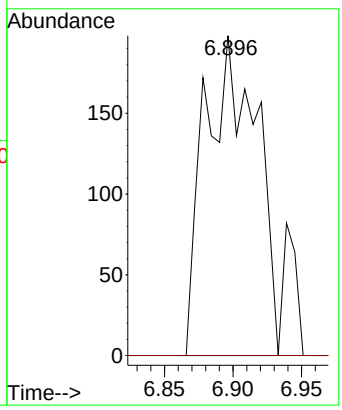


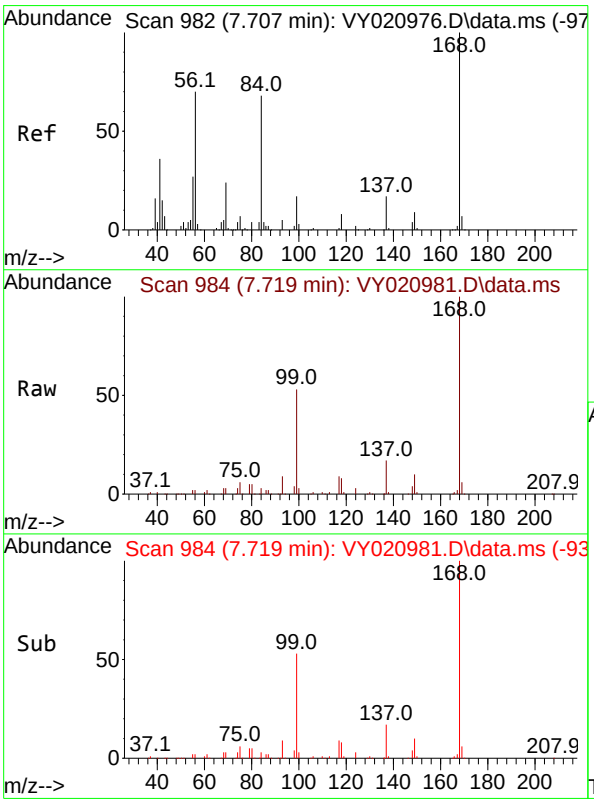
#25
2-Butanone
Concen: 1.604 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 516

Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.3	36.5#

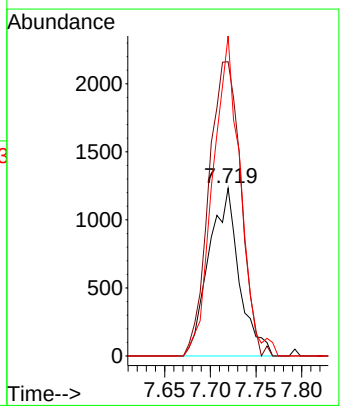


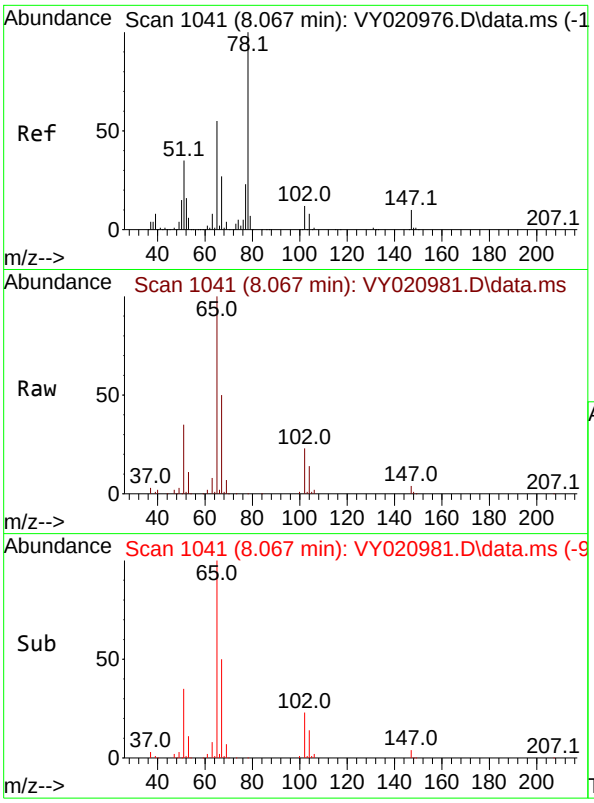


#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.013 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Tgt Ion: 56 Resp: 2839

Ion	Ratio	Lower	Upper
56	100		
69	175.6	27.7	41.5#
84	190.9	77.5	116.3#



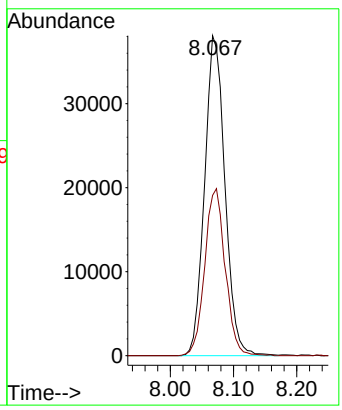


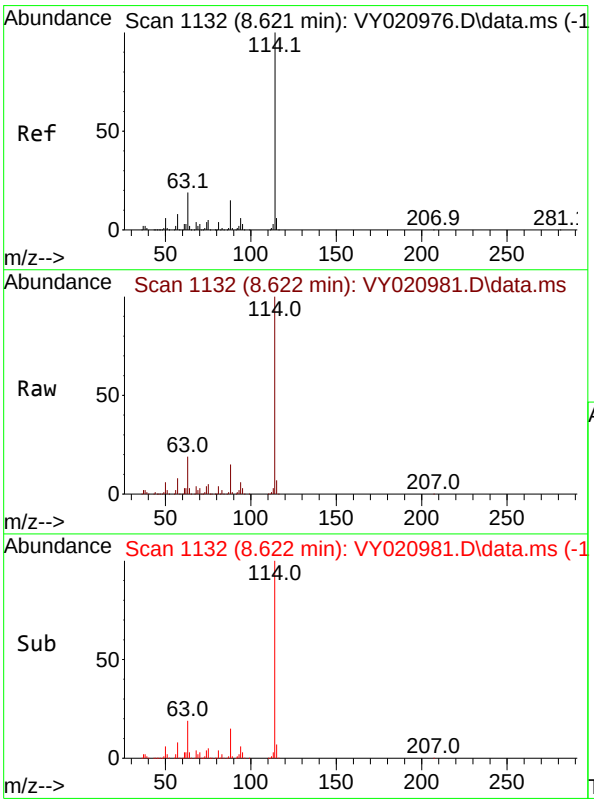
#33
1,2-Dichloroethane-d4
Concen: 61.282 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 85247

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.4

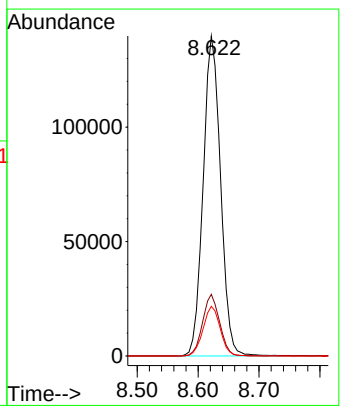


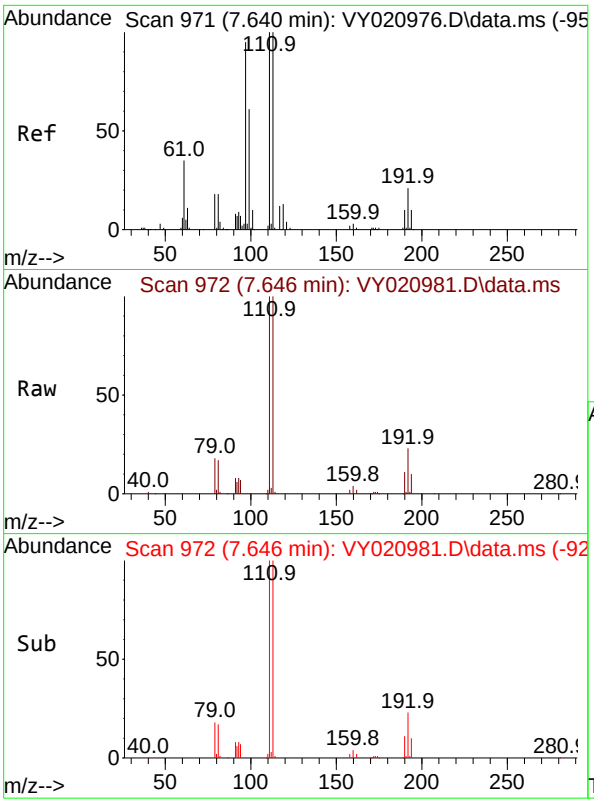


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Tgt Ion:114 Resp: 277976

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	37.2
88	15.5	0.0	29.6



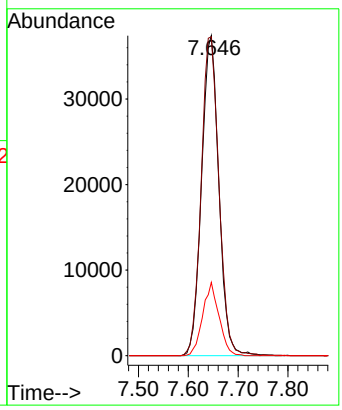


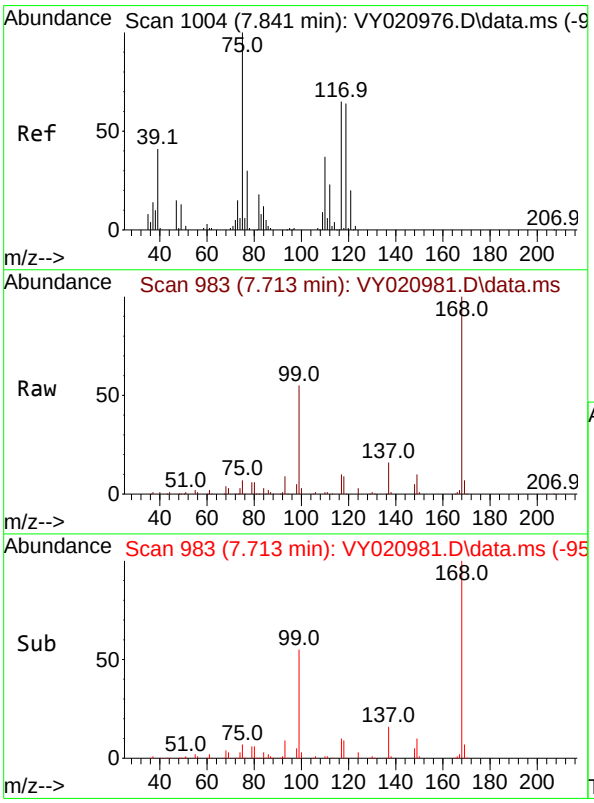
#35
Dibromofluoromethane
Concen: 53.736 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 89801

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	21.7	16.8	25.2

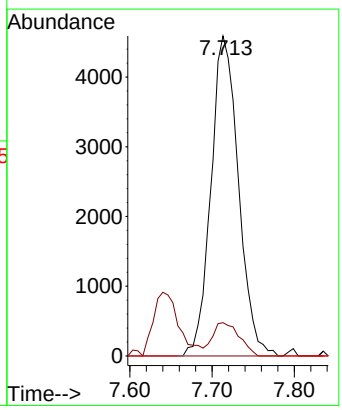


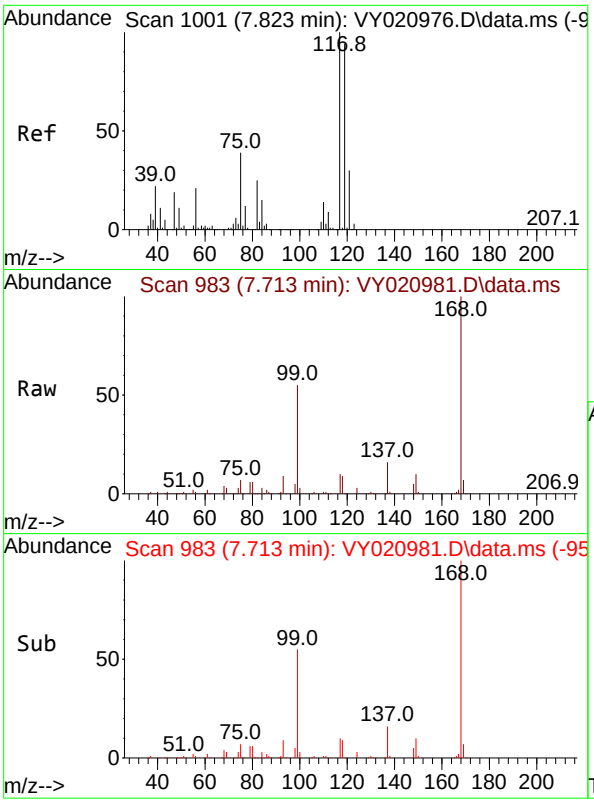


#36
1,1-Dichloropropene
Concen: 4.479 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Tgt Ion: 75 Resp: 10678

Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.4	55.2#
77	0.0	24.9	37.3#



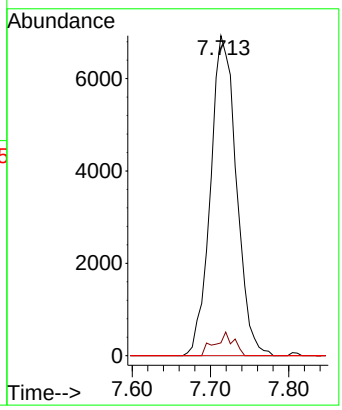


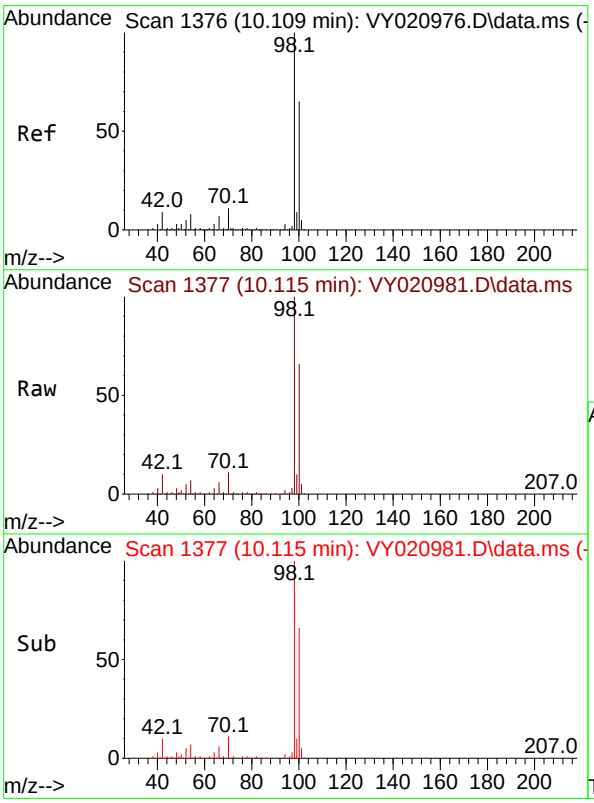
#38
Carbon Tetrachloride
Concen: 5.415 ug/l
RT: 7.713 min Scan# 9
Delta R.T. -0.109 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 15975

Ion	Ratio	Lower	Upper
117	100		
119	4.0	75.0	112.6#
121	0.0	24.2	36.2#

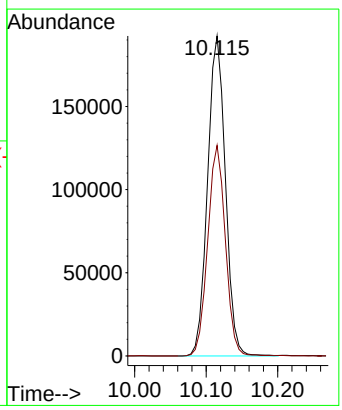


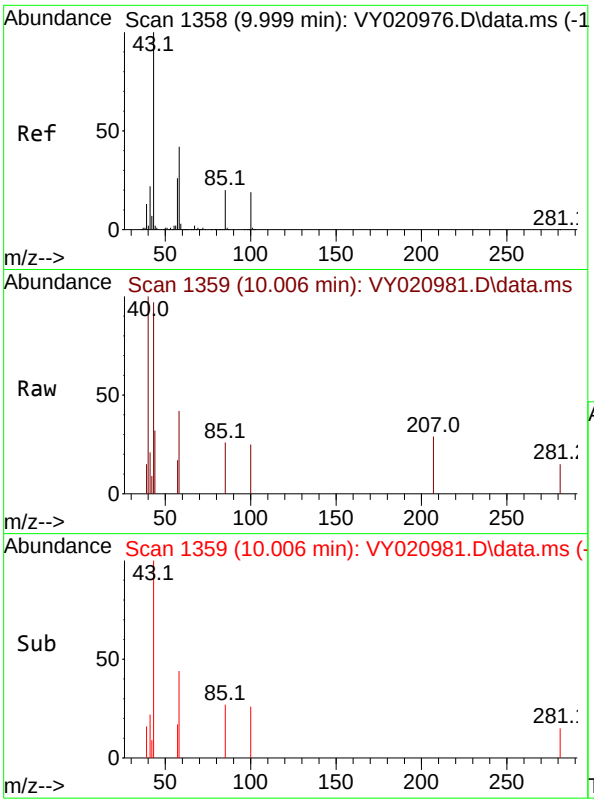


#50
Toluene-d8
Concen: 51.015 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Tgt Ion: 98 Resp: 332751

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.6	79.0



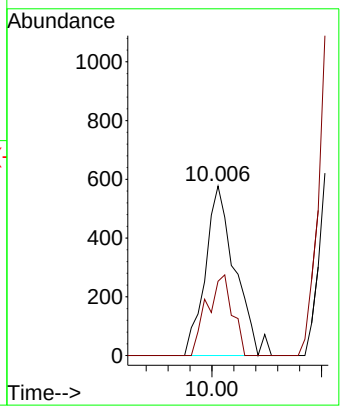


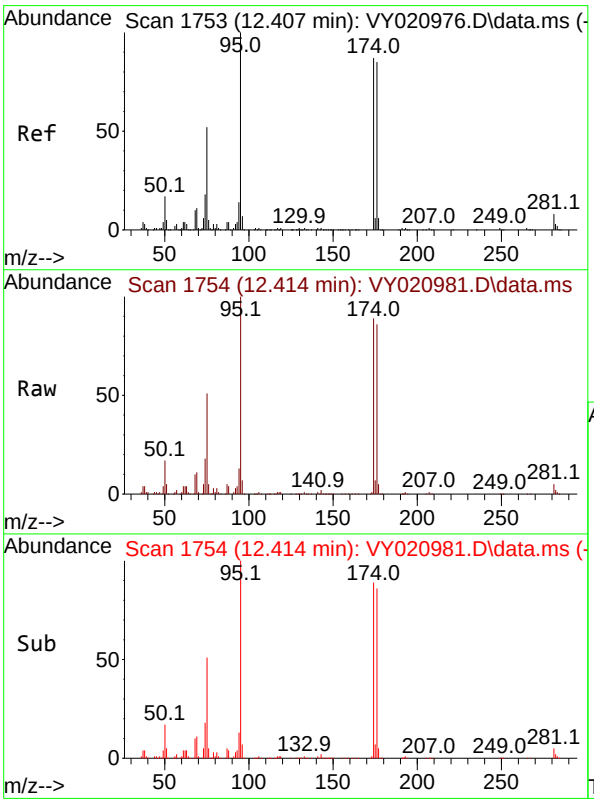
#51
4-Methyl-2-Pentanone
Concen: 1.190 ug/l
RT: 10.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1086

Ion	Ratio	Lower	Upper
43	100		
58	40.8	33.8	50.8

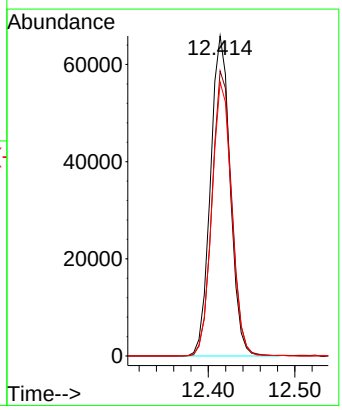


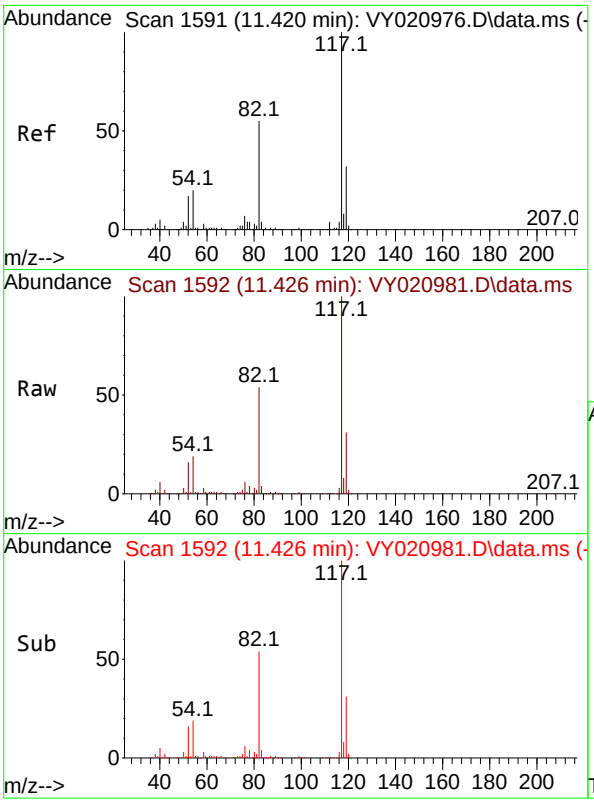


#62
4-Bromofluorobenzene
Concen: 47.585 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Tgt Ion: 95 Resp: 104147

Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	181.2
176	86.1	0.0	175.2



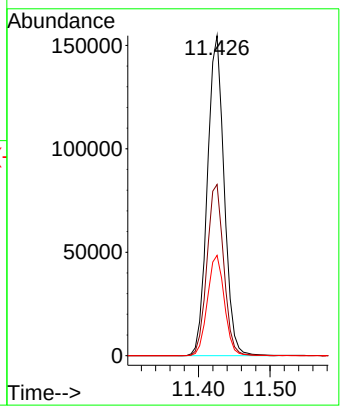


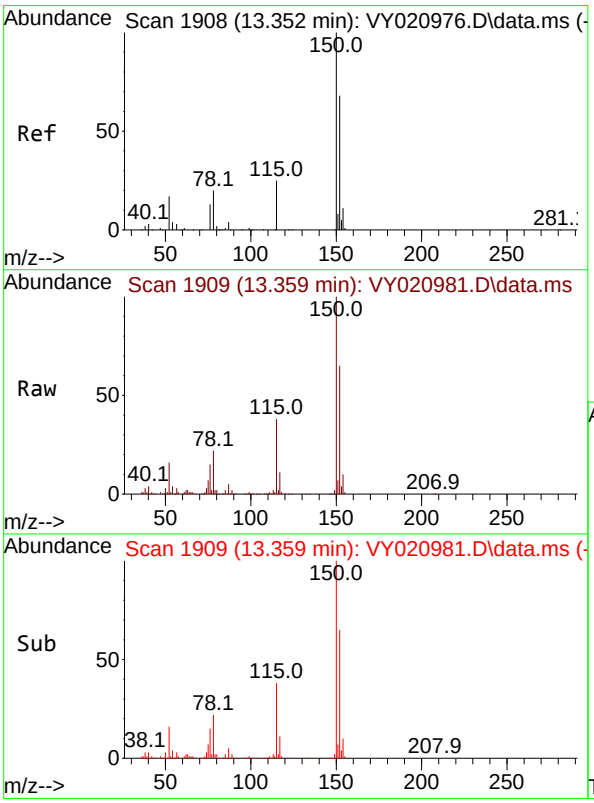
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 251176

Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.2	66.2
119	31.3	25.9	38.9

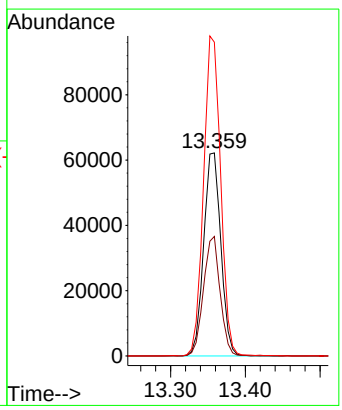


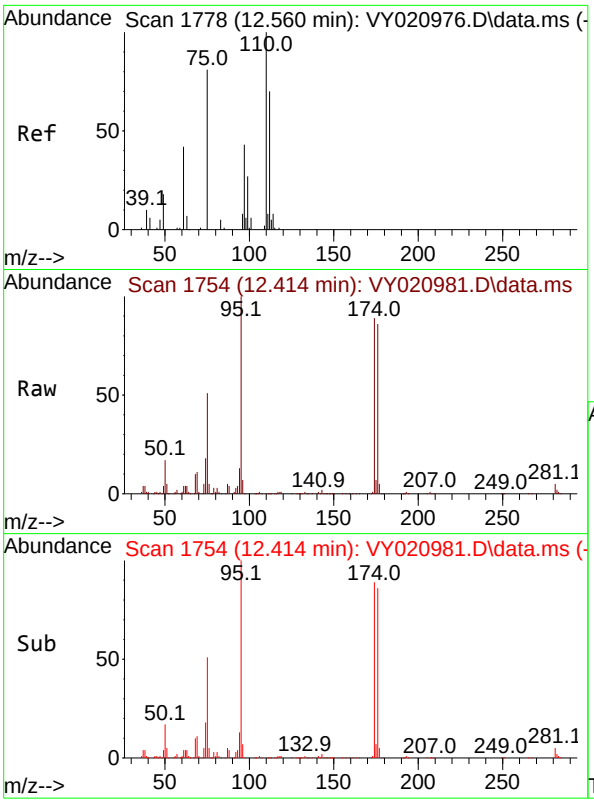


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Tgt Ion:152 Resp: 99113

Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.4	85.2
150	156.8	0.0	342.8



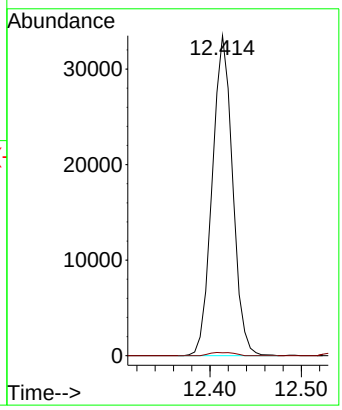


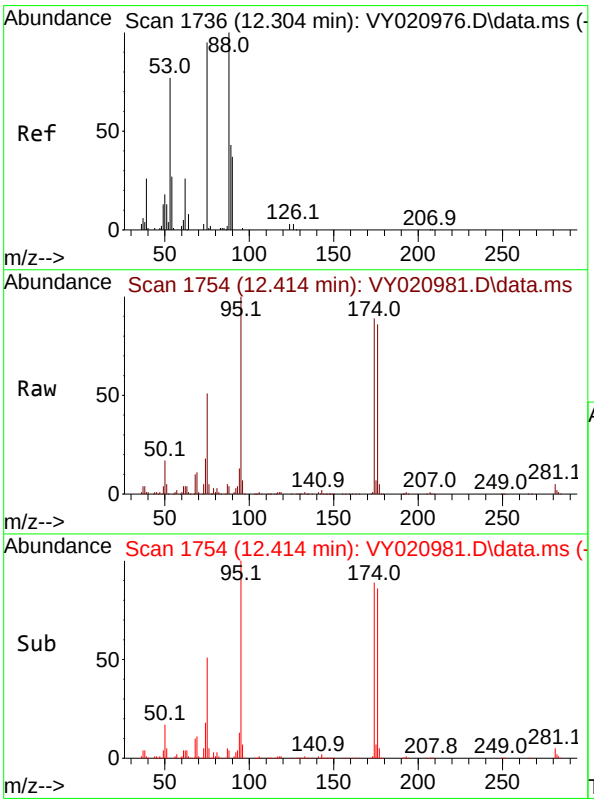
#76
1,2,3-Trichloropropane
Concen: 66.115 ug/l
RT: 12.414 min Scan# 1
Delta R.T. -0.146 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 51874

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

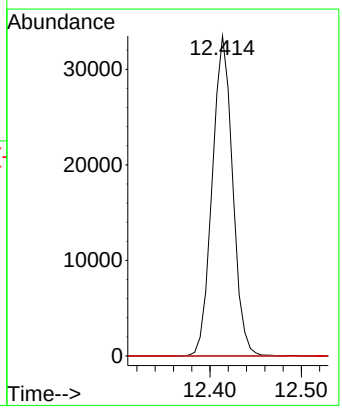


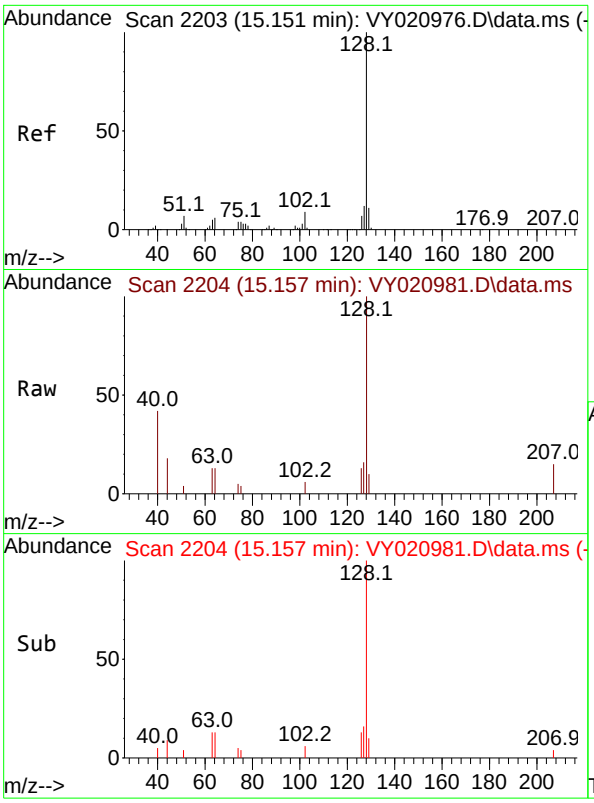


#81
trans-1,4-Dichloro-2-butene
Concen: 137.243 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.110 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Tgt Ion: 75 Resp: 51874

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.6	103.0#
89	0.0	38.1	57.1#



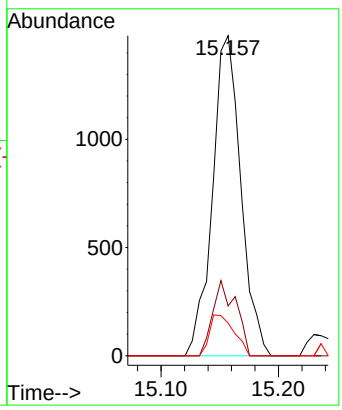


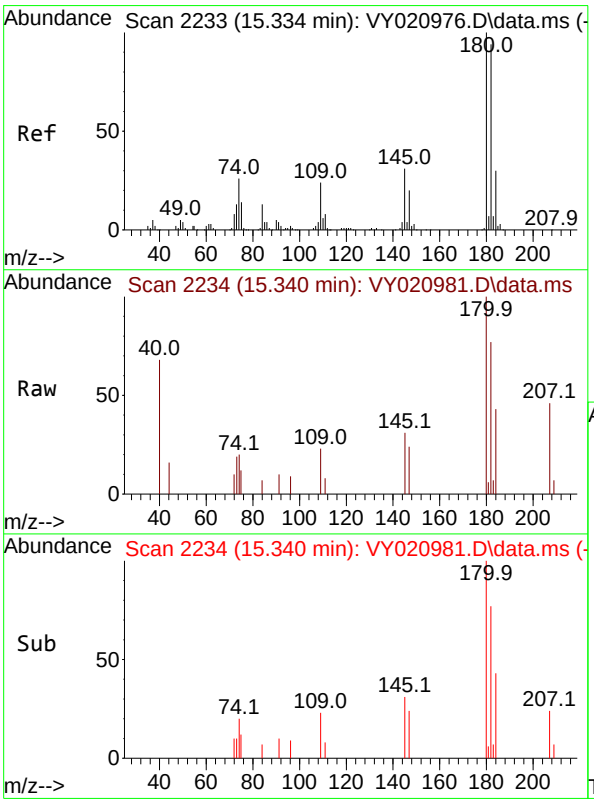
#95
Naphthalene
Concen: 4.756 ug/l
RT: 15.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 2487

Ion	Ratio	Lower	Upper
128	100		
127	19.2	10.2	15.4#
129	11.0	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 5.242 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Tgt Ion:180 Resp: 1360

Ion	Ratio	Lower	Upper
180	100		
182	87.3	47.7	143.1
145	28.5	15.6	46.7