Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021334.D
Acq On : 26 Feb 2025 16:14
Operator : SY/MD
Sample : Q1411-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-02212025

Quant Time: Feb 27 00:39:26 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	1878	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	3974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	3036	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	2278	106.927	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 213.860%#			
35) Dibromofluoromethane	7.634	113	1788	68.627	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 137.260%			
50) Toluene-d8	10.109	98	4476	44.453	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 88.900%			
62) 4-Bromofluorobenzene	12.401	95	547	16.142	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 32.280%			
Target Compounds						Qvalue
3) Chloromethane	2.080	50	131	5.697	ug/l #	41
5) Bromomethane	2.617	94	160	10.668	ug/l #	79
10) Methyl Iodide	4.013	142	134	6.454	ug/l #	75
16) Acetone	3.854	43	24	5.873	ug/l #	45
36) 1,1-Dichloropropene	7.713	75	46	1.175	ug/l #	42
38) Carbon Tetrachloride	7.707	117	216	4.909	ug/l #	12
48) Methyl methacrylate	9.170	41	26	1.476	ug/l #	15
76) 1,2,3-Trichloropropane	12.414	75	338	60.408	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	338	134.265	ug/l #	10

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

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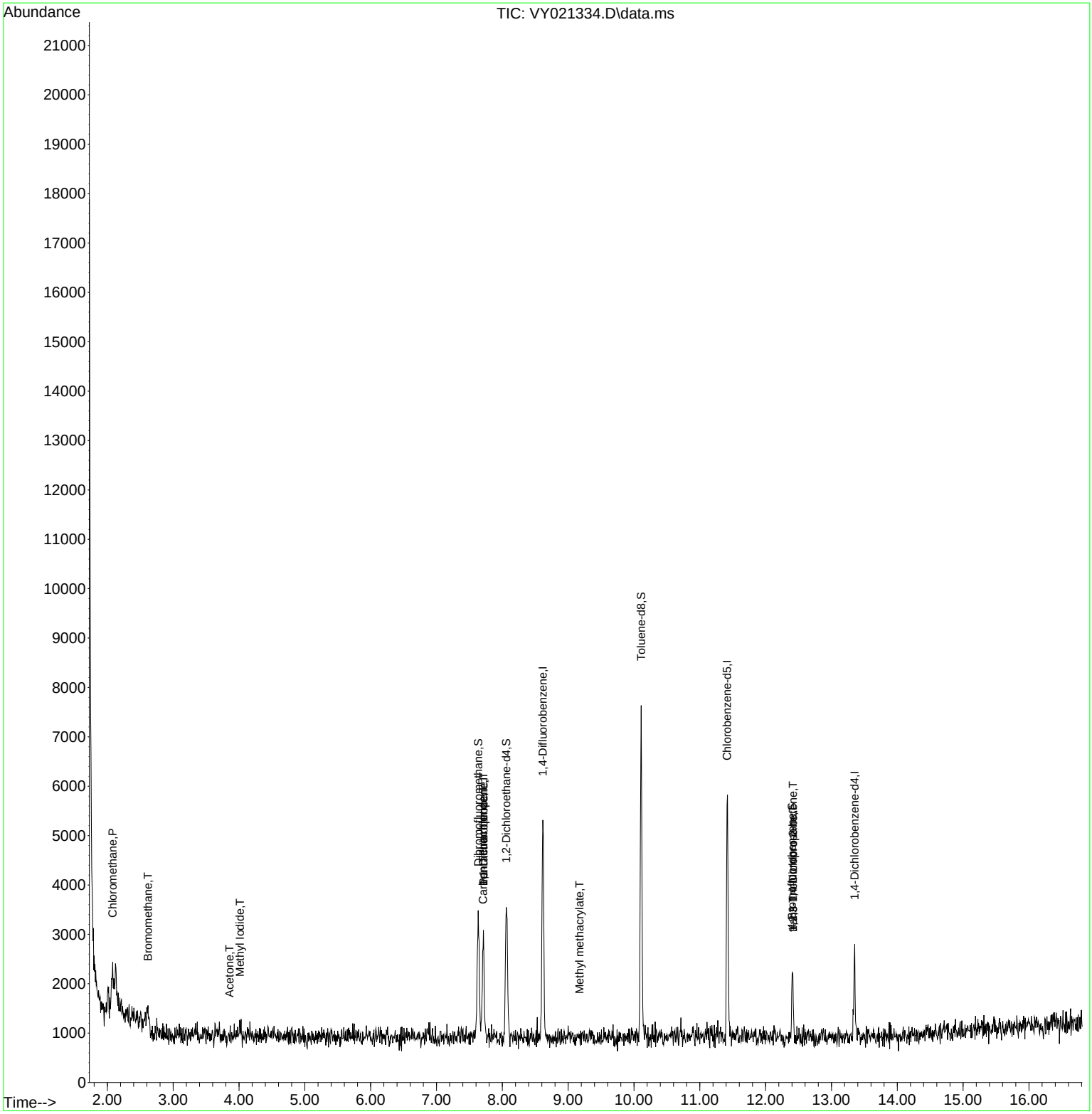
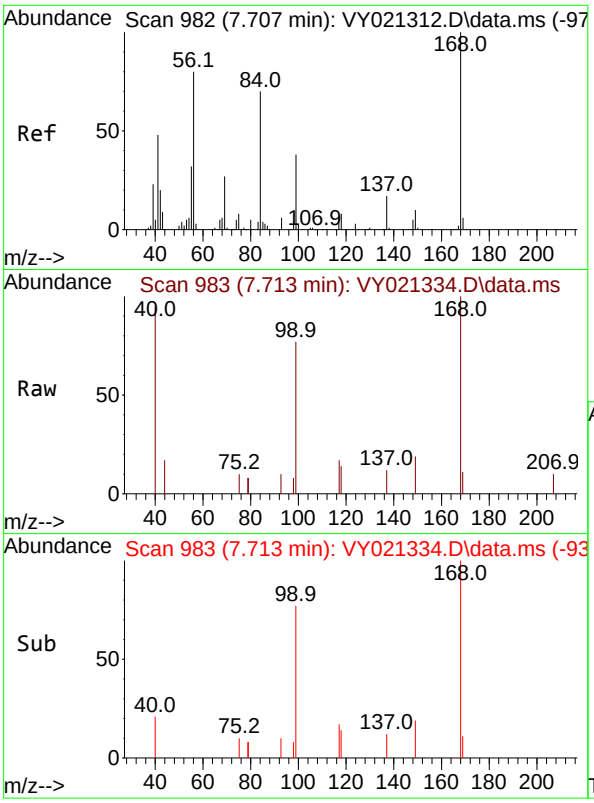


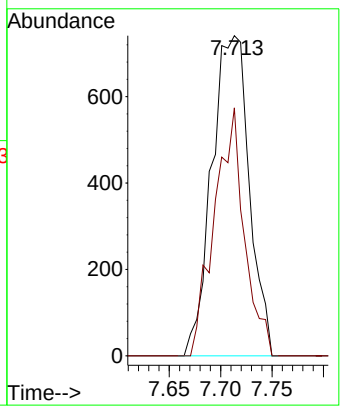


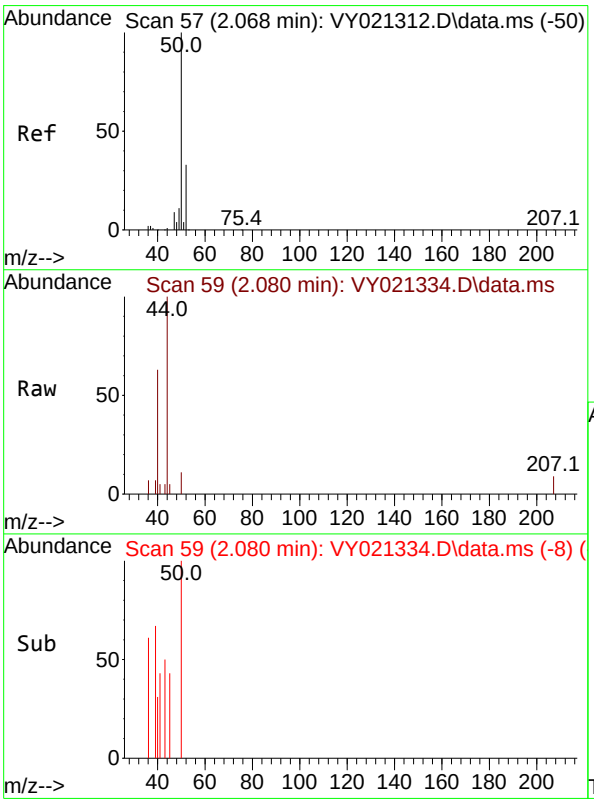
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-02212025

Tgt Ion:168 Resp: 1878

Ion	Ratio	Lower	Upper
168	100		
99	77.5	47.1	70.7#

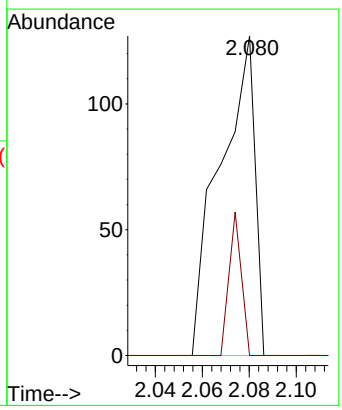


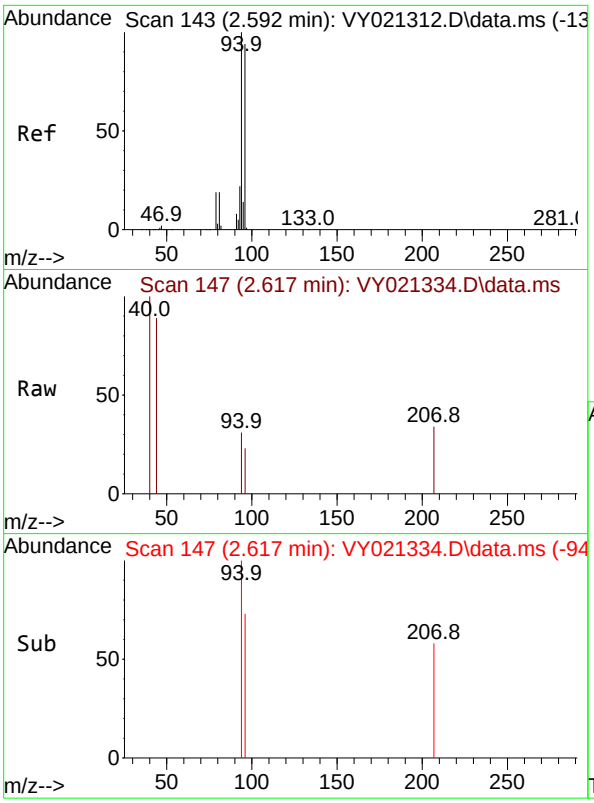


#3
Chloromethane
Concen: 5.697 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.012 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

Tgt Ion: 50 Resp: 131

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.6	40.0#



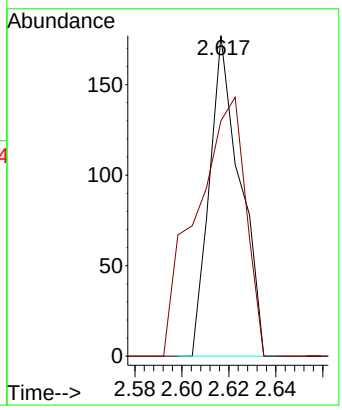


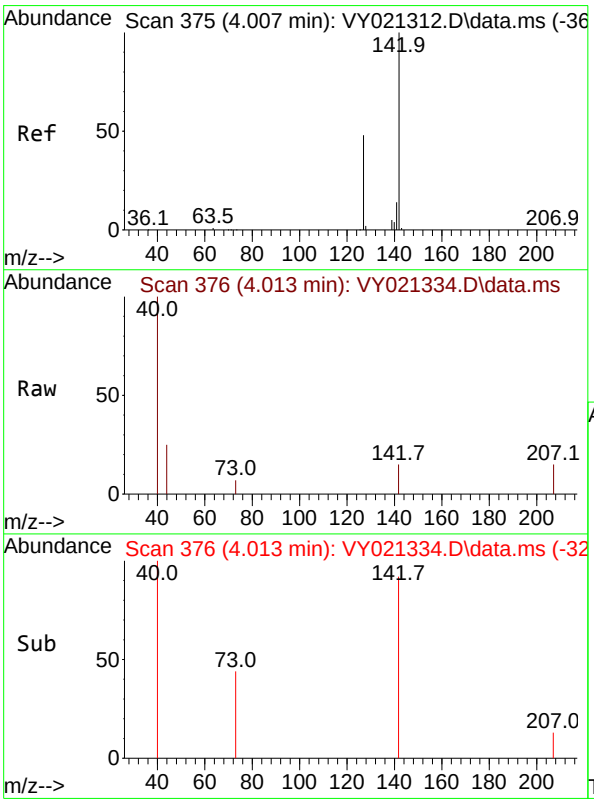
#5
Bromomethane
Concen: 10.668 ug/l
RT: 2.617 min Scan# 14
Delta R.T. 0.024 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-02212025

Tgt Ion: 94 Resp: 160

Ion	Ratio	Lower	Upper
94	100		
96	73.4	75.2	112.8#

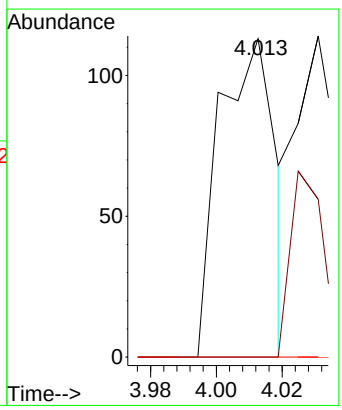


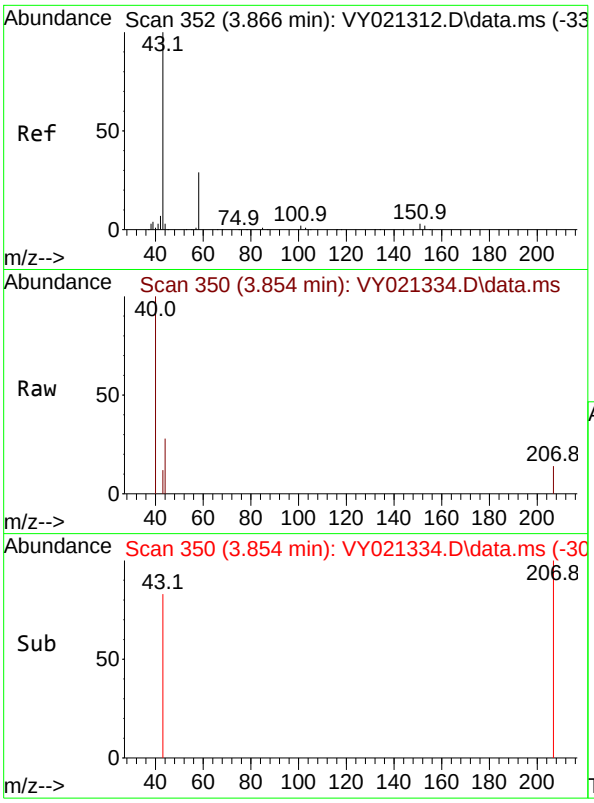


#10
Methyl Iodide
Concen: 6.454 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

Tgt Ion:142 Resp: 134

Ion	Ratio	Lower	Upper
142	100		
127	33.6	39.2	58.8#
141	0.0	11.4	17.2#



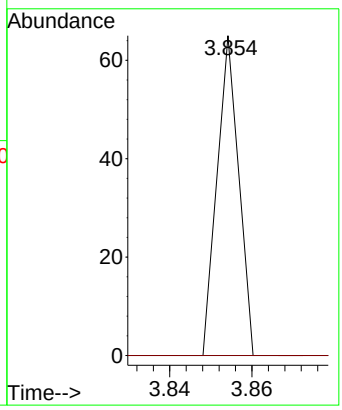


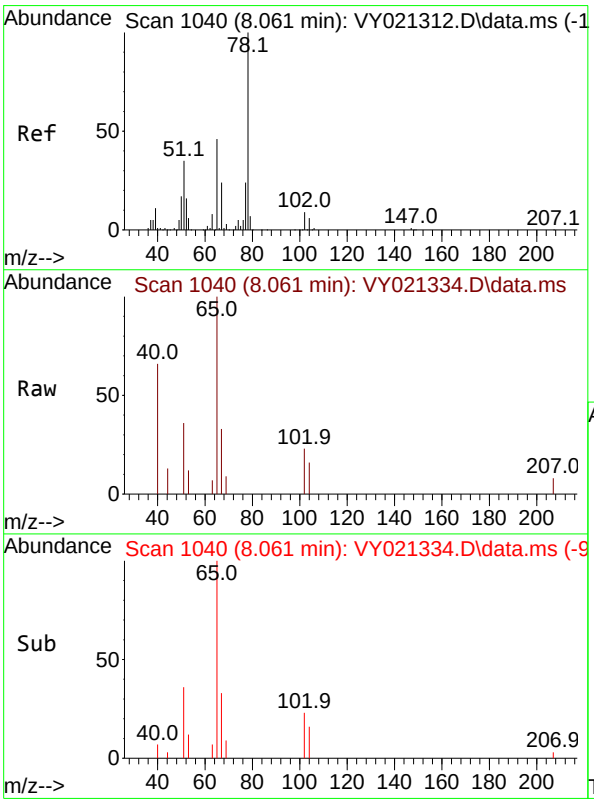
#16
Acetone
Concen: 5.873 ug/l
RT: 3.854 min Scan# 3
Delta R.T. -0.012 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-02212025

Tgt Ion: 43 Resp: 24

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.5	35.3#

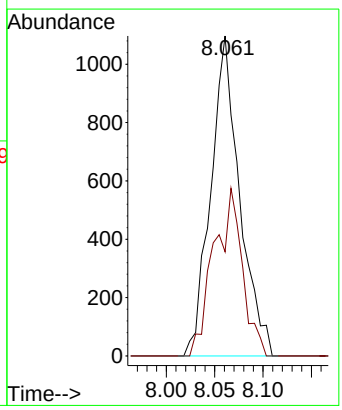


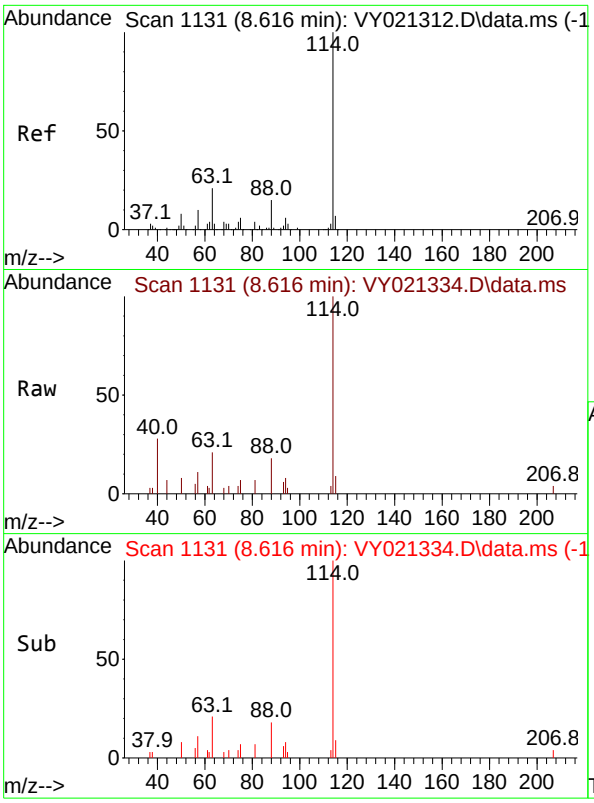


#33
1,2-Dichloroethane-d4
Concen: 106.927 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

Tgt Ion: 65 Resp: 2278

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.6



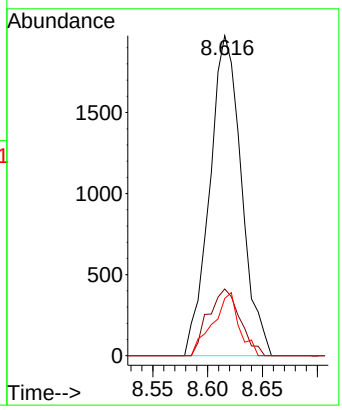


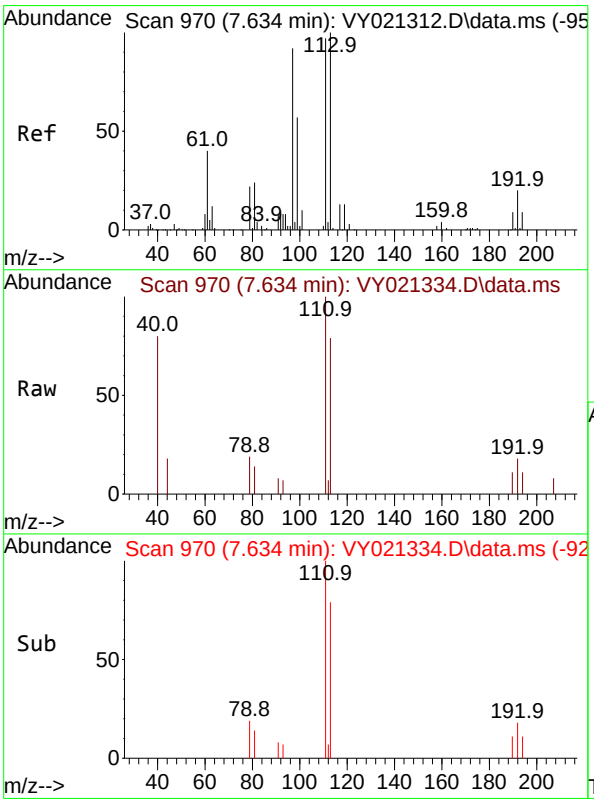
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-02212025

Tgt Ion:114 Resp: 3974

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.2
88	17.9	0.0	29.8

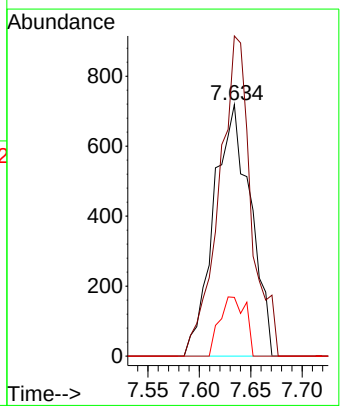


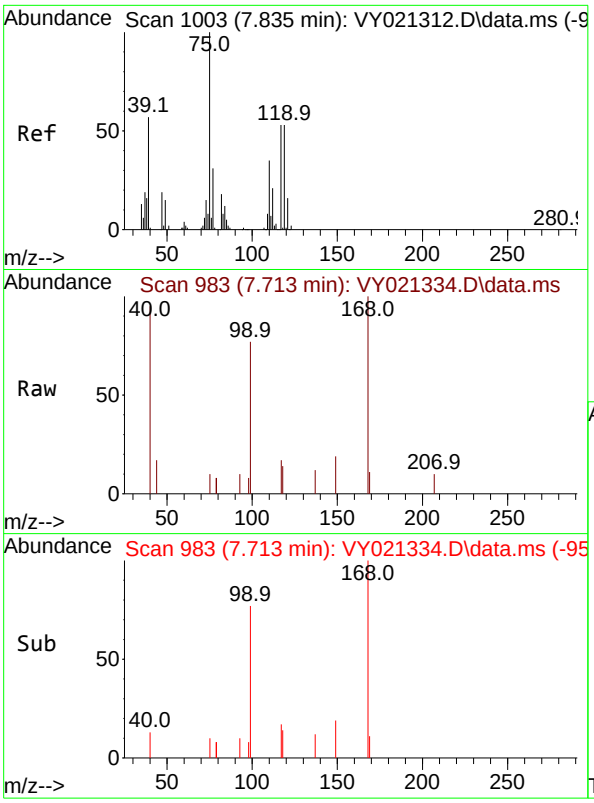


#35
Dibromofluoromethane
Concen: 68.627 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

Tgt Ion:113 Resp: 1788

Ion	Ratio	Lower	Upper
113	100		
111	111.2	81.0	121.6
192	16.6	15.8	23.8



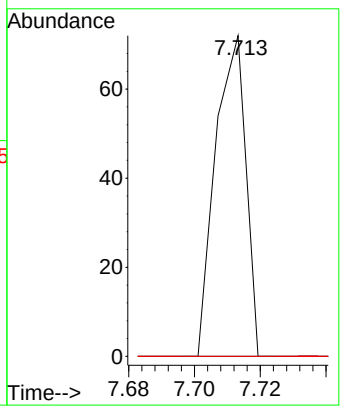


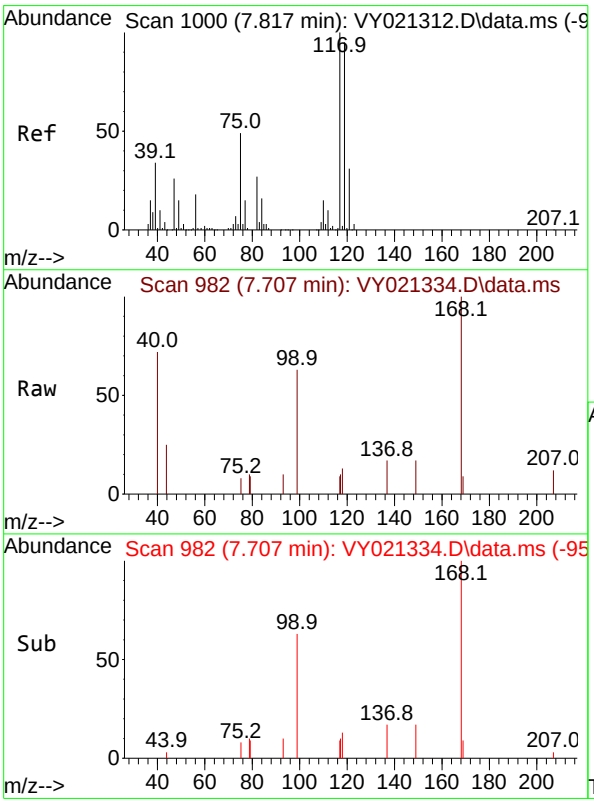
#36
1,1-Dichloropropene
Concen: 1.175 ug/l
RT: 7.713 min Scan# 9
Delta R.T. -0.122 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-02212025

Tgt Ion: 75 Resp: 46

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

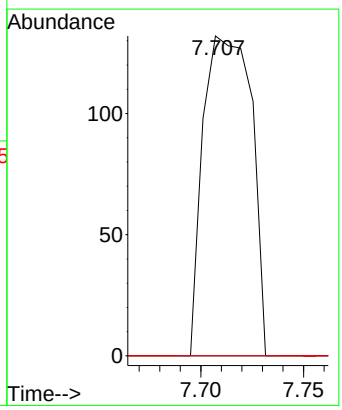


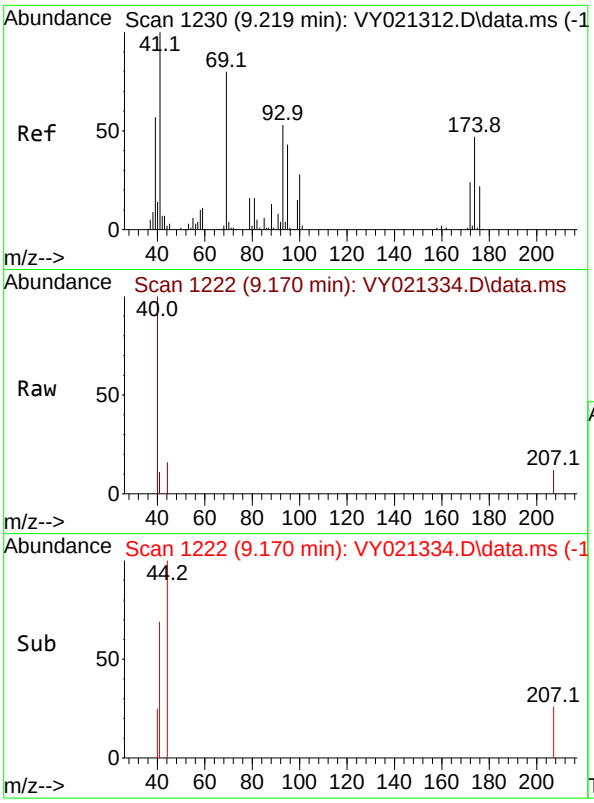


#38
Carbon Tetrachloride
Concen: 4.909 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

Tgt Ion:117 Resp: 216

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



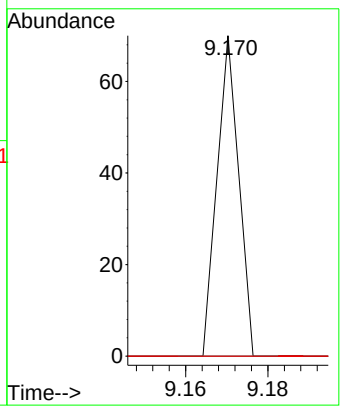


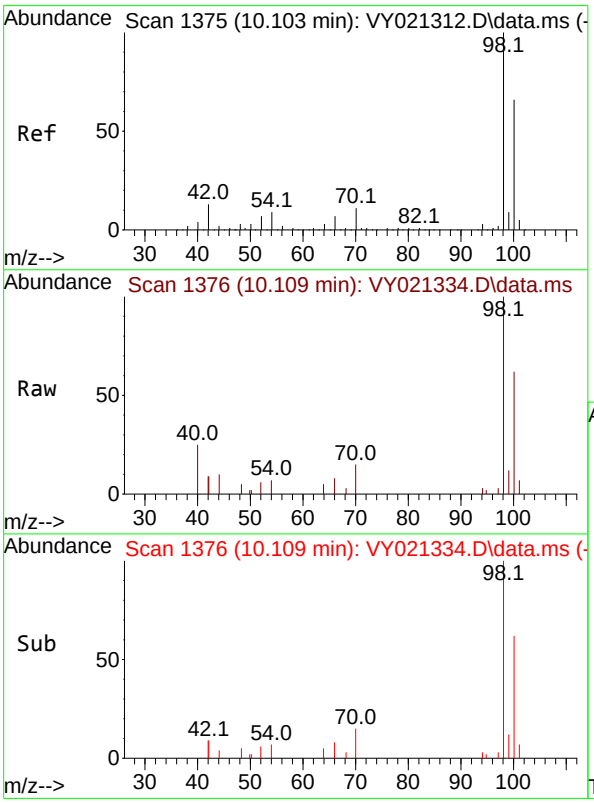
#48
Methyl methacrylate
Concen: 1.476 ug/l
RT: 9.170 min Scan# 1
Delta R.T. -0.049 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-02212025

Tgt Ion: 41 Resp: 26

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.3	94.9#
39	0.0	45.0	67.6#

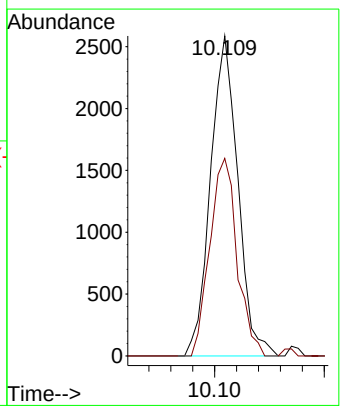


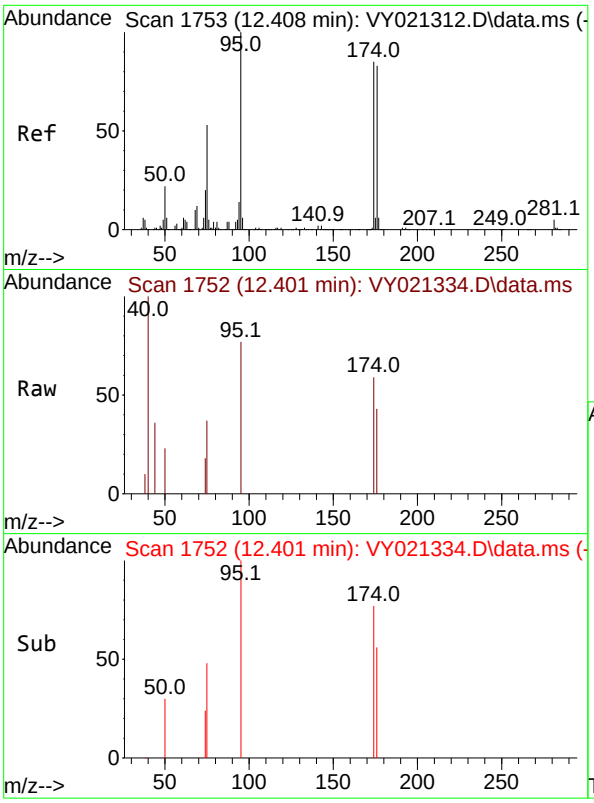


#50
Toluene-d8
Concen: 44.453 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

Tgt Ion: 98 Resp: 4476

Ion	Ratio	Lower	Upper
98	100		
100	61.6	52.4	78.6



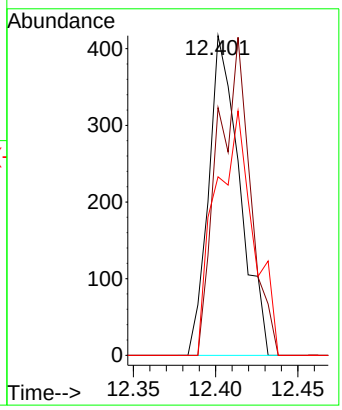


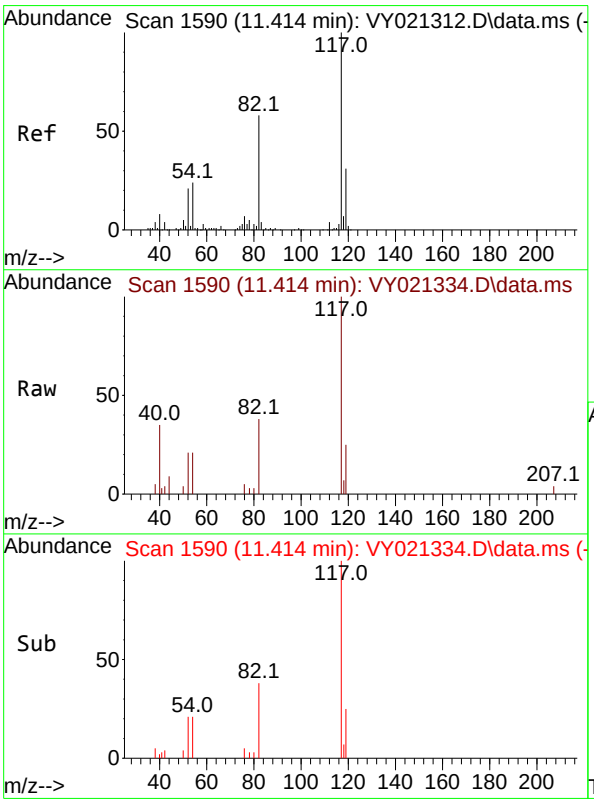
#62
4-Bromofluorobenzene
Concen: 16.142 ug/l
RT: 12.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-02212025

Tgt Ion: 95 Resp: 547

Ion	Ratio	Lower	Upper
95	100		
174	104.0	0.0	168.0
176	92.5	0.0	162.6

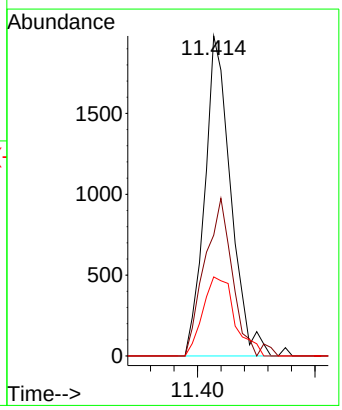


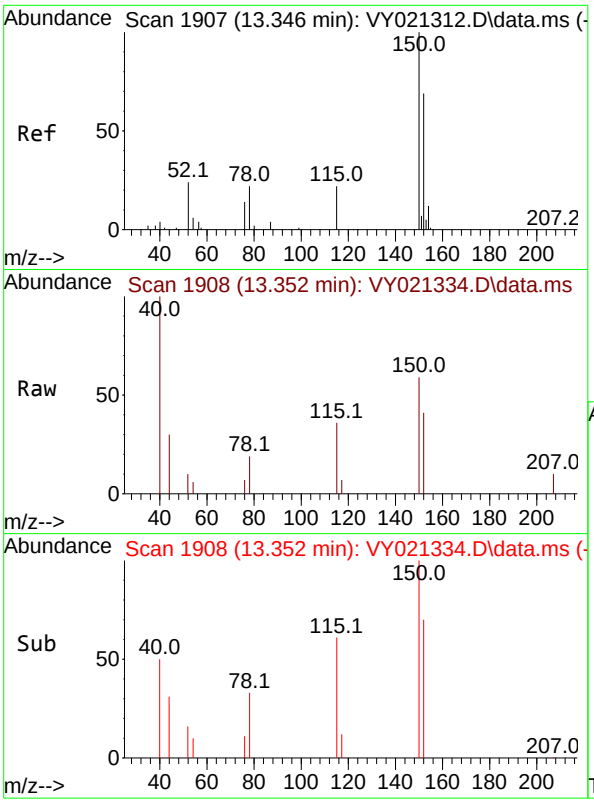


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

Tgt Ion:117 Resp: 3036

Ion	Ratio	Lower	Upper
117	100		
82	37.7	46.2	69.4#
119	24.7	24.9	37.3#



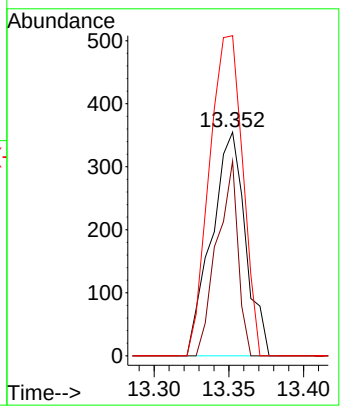


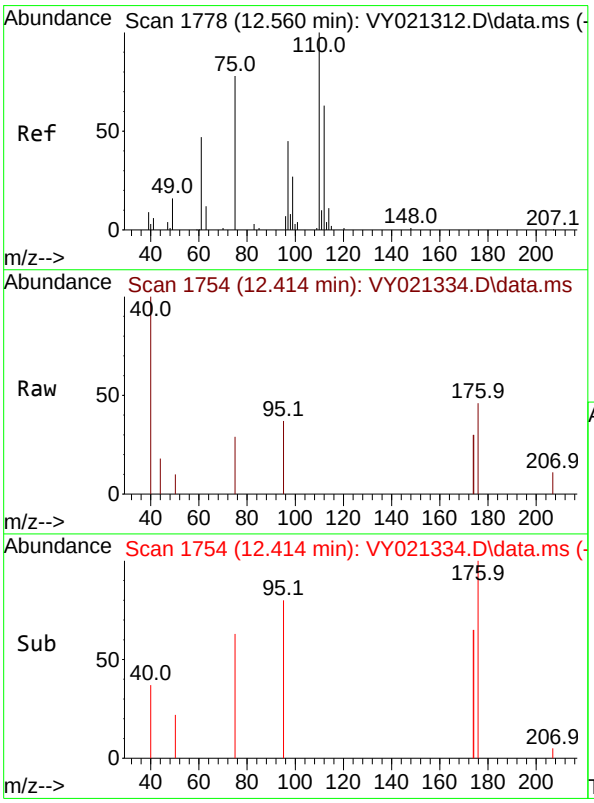
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-02212025

Tgt Ion:152 Resp: 559

Ion	Ratio	Lower	Upper
152	100		
115	54.0	29.3	88.0
150	141.0	0.0	347.4

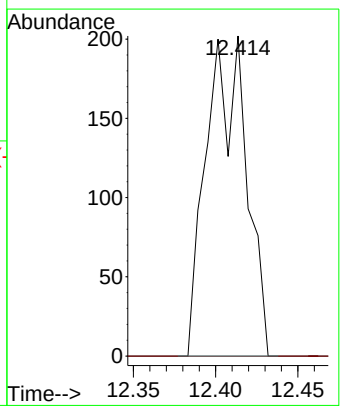


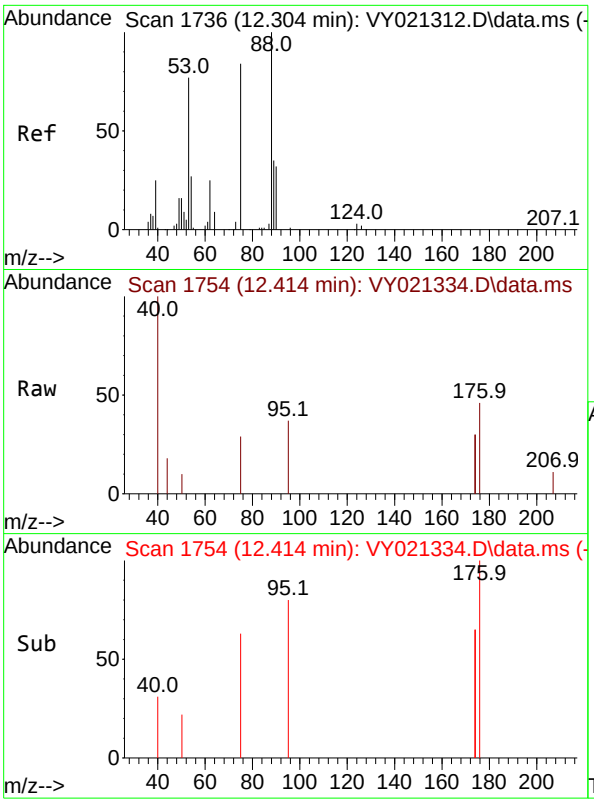


#76
1,2,3-Trichloropropane
Concen: 60.408 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

Tgt Ion: 75 Resp: 338

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 134.265 ug/l
RT: 12.414 min Scan# 1
Delta R.T. 0.110 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-02212025

Tgt Ion: 75 Resp: 338

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