Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
Data File : VY020941.D
Acq On : 27 Jan 2025 11:43
Operator : SY/MD
Sample : Q1187-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 28 01:11:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 25 01:12:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	10632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	15249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	9679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	1429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	4977	58.712	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.420%			
35) Dibromofluoromethane	7.640	113	4657	53.197	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.400%			
50) Toluene-d8	10.115	98	15012	44.210	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 88.420%			
62) 4-Bromofluorobenzene	12.414	95	2350	20.795	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 41.600%			
Target Compounds						Qvalue
3) Chloromethane	2.074	50	367	6.136	ug/l #	84
5) Bromomethane	2.623	94	662	14.994	ug/l #	49
10) Methyl Iodide	4.019	142	1832	16.821	ug/l #	95
16) Acetone	3.873	43	98	8.533	ug/l #	43
36) 1,1-Dichloropropene	7.719	75	738	6.038	ug/l #	40
38) Carbon Tetrachloride	7.713	117	981	6.655	ug/l #	12
51) 4-Methyl-2-Pentanone	10.103	43	72	1.588	ug/l #	34
76) 1,2,3-Trichloropropane	12.408	75	1161	114.910	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	1161	222.005	ug/l #	15
95) Naphthalene	15.157	128	320	8.667	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.346	180	129	6.669	ug/l #	36

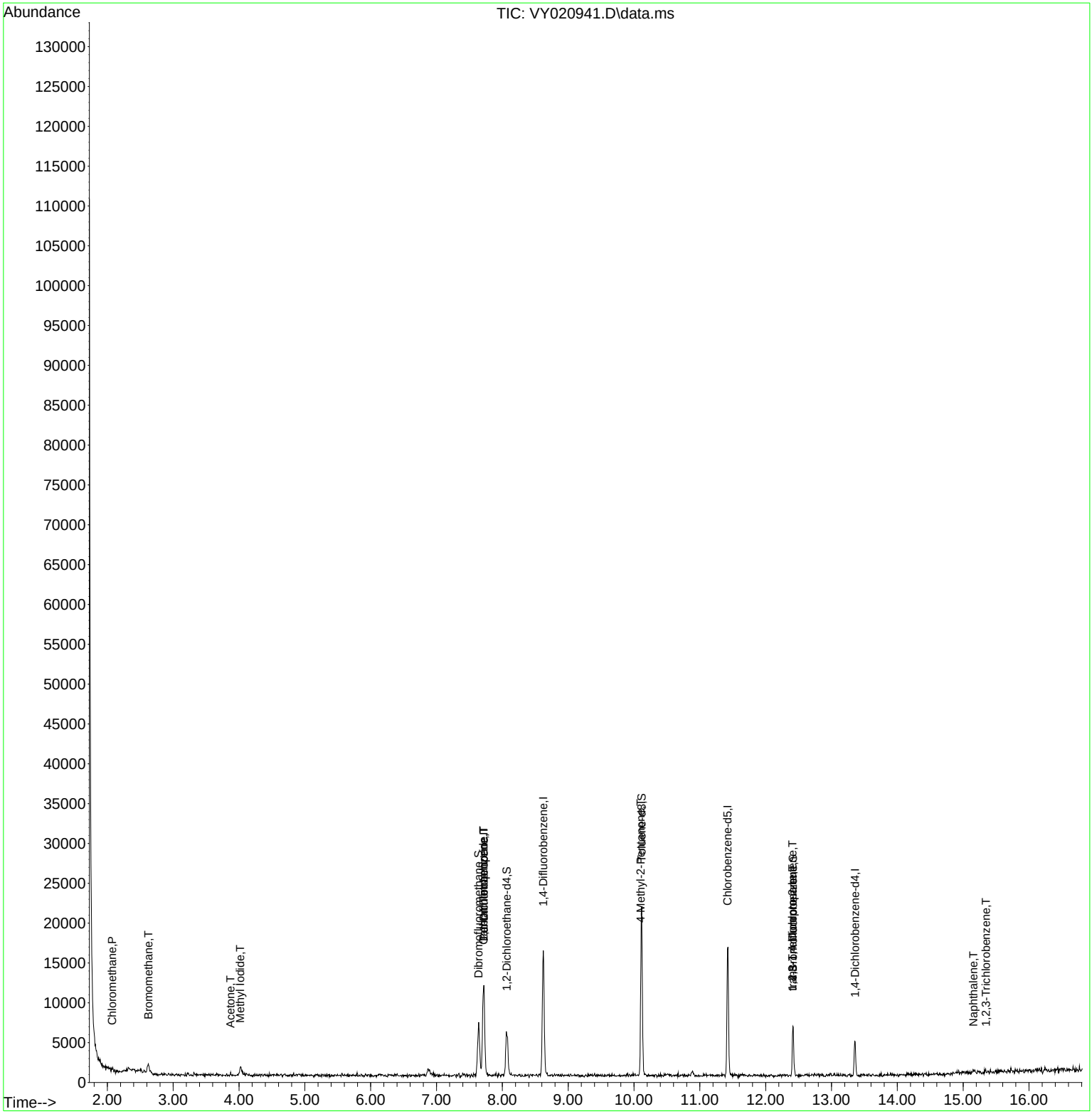
(#) = qualifier out of range (m) = manual integration (+) = signals summed

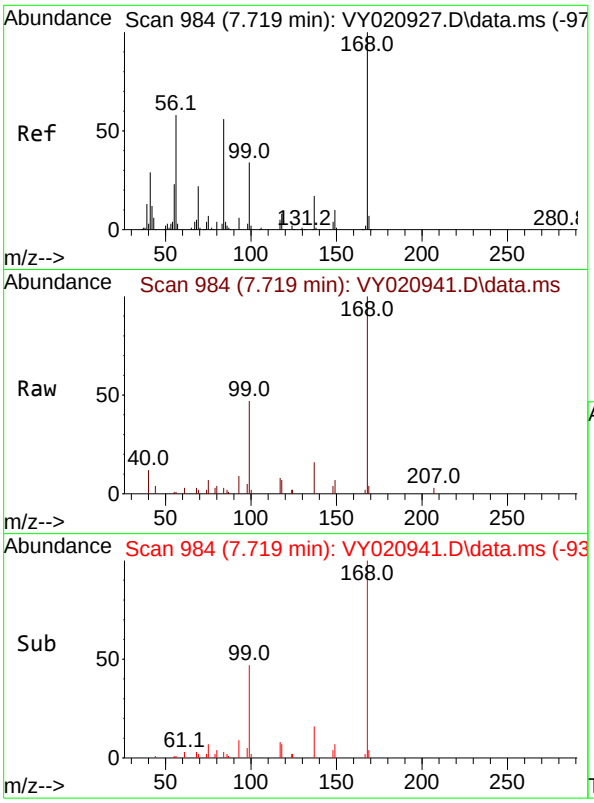
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
Data File : VY020941.D
Acq On : 27 Jan 2025 11:43
Operator : SY/MD
Sample : Q1187-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 28 01:11:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 25 01:12:18 2025
Response via : Initial Calibration



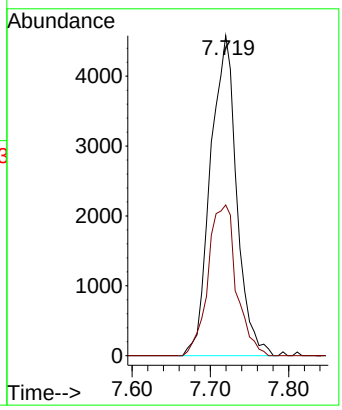


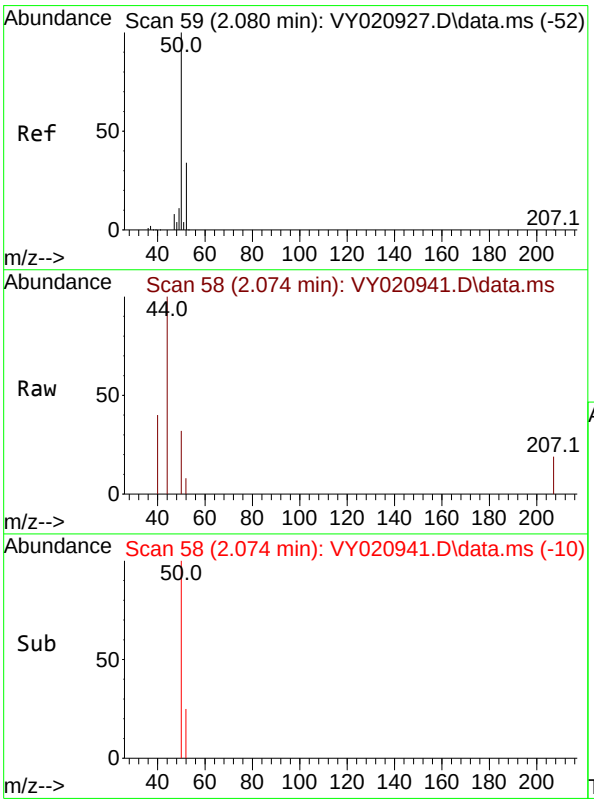
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY020941.D
Acq: 27 Jan 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 10632

Ion	Ratio	Lower	Upper
168	100		
99	47.1	43.0	64.6

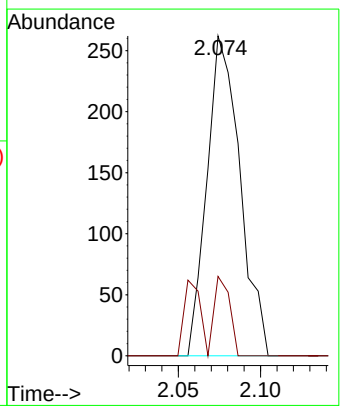


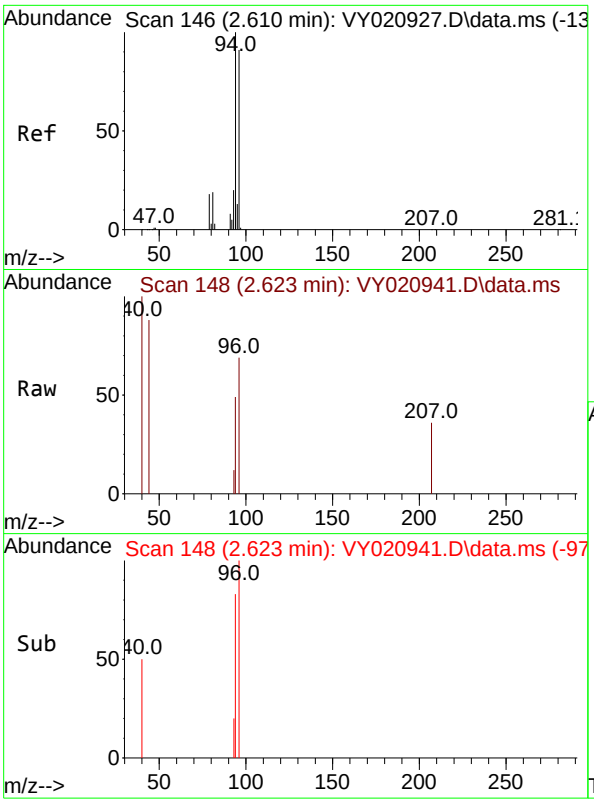


#3
Chloromethane
Concen: 6.136 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.006 min
Lab File: VY020941.D
Acq: 27 Jan 2025 11:43

Tgt Ion: 50 Resp: 367

Ion	Ratio	Lower	Upper
50	100		
52	24.8	27.4	41.0#



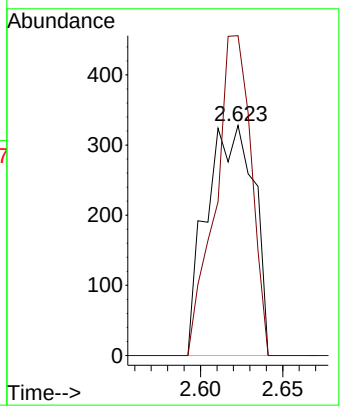


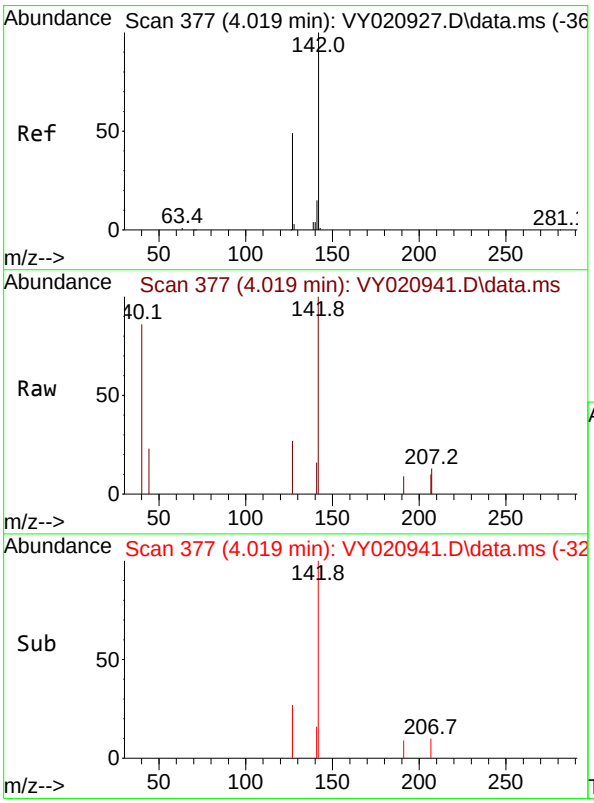
#5
Bromomethane
Concen: 14.994 ug/l
RT: 2.623 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY020941.D
Acq: 27 Jan 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 662

Ion	Ratio	Lower	Upper
94	100		
96	139.0	72.6	109.0#

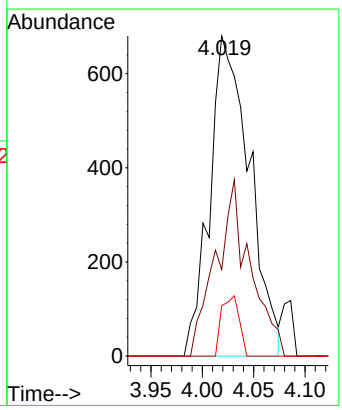


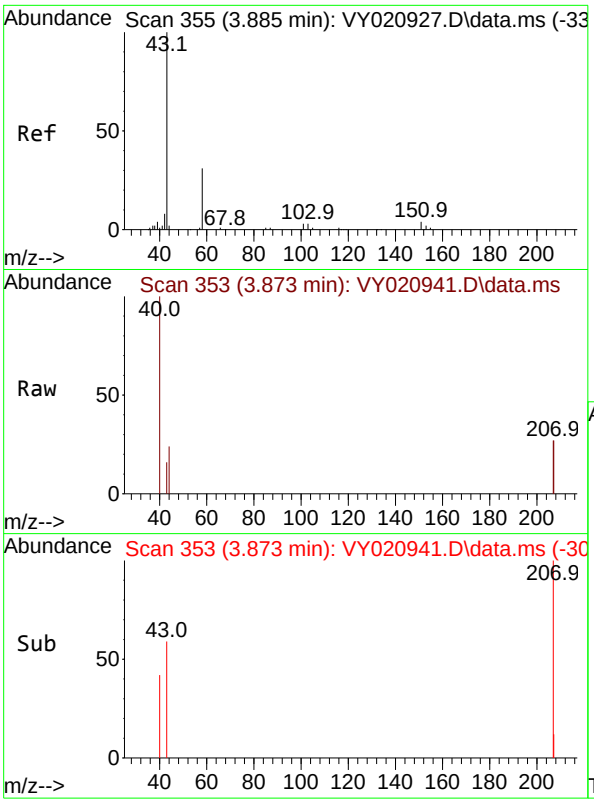


#10
Methyl Iodide
Concen: 16.821 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.000 min
Lab File: VY020941.D
Acq: 27 Jan 2025 11:43

Tgt Ion:142 Resp: 1832

Ion	Ratio	Lower	Upper
142	100		
127	47.5	37.3	55.9
141	8.3	11.4	17.2#



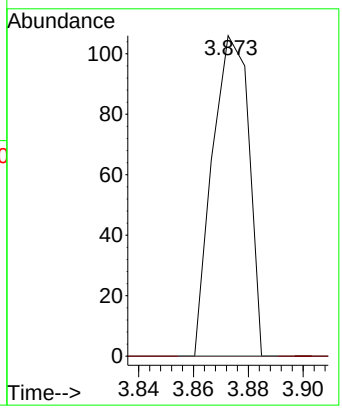


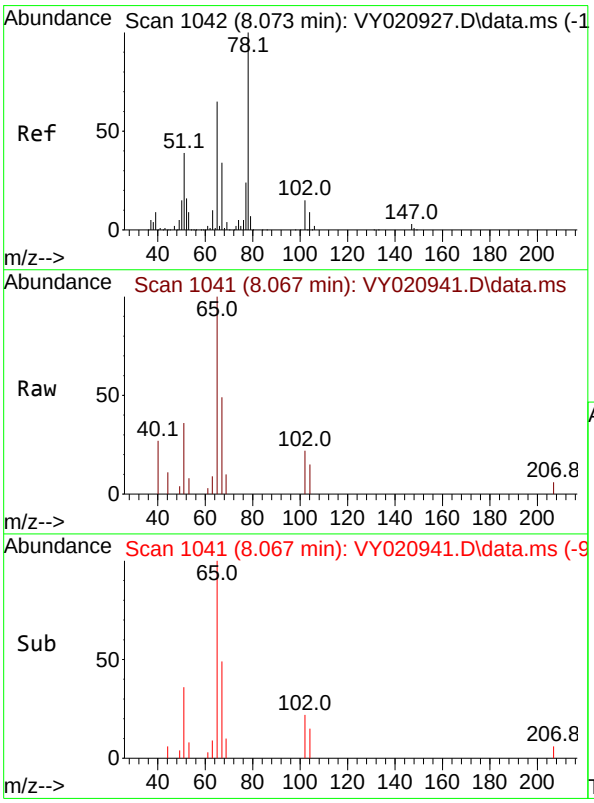
#16
Acetone
Concen: 8.533 ug/l
RT: 3.873 min Scan# 3
Delta R.T. -0.012 min
Lab File: VY020941.D
Acq: 27 Jan 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 98

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.6	38.4#

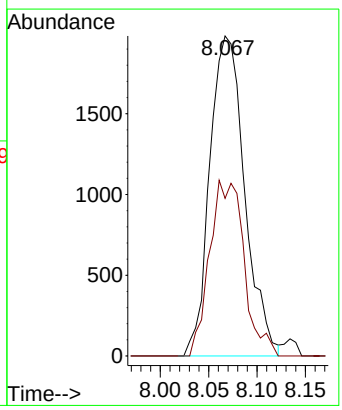


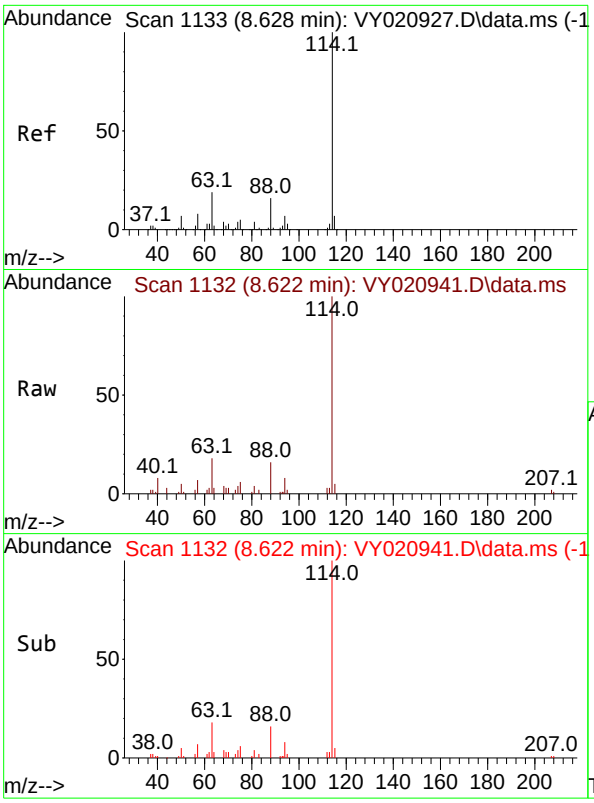


#33
1,2-Dichloroethane-d4
Concen: 58.712 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020941.D
Acq: 27 Jan 2025 11:43

Tgt Ion: 65 Resp: 4977

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	105.8



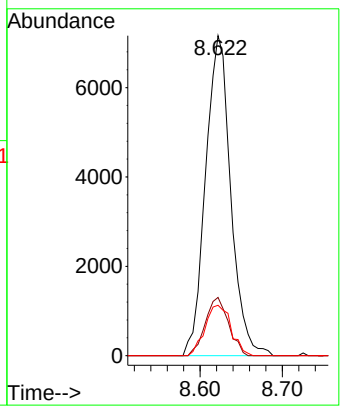


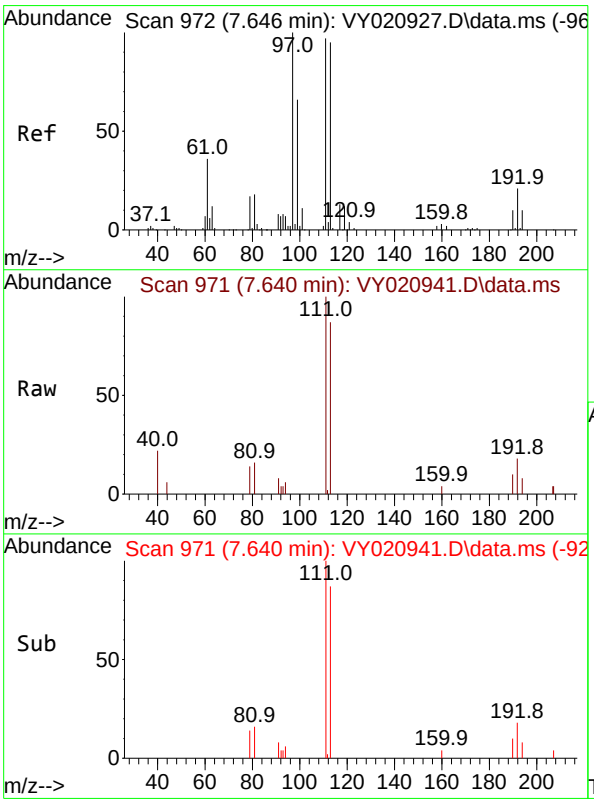
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY020941.D
Acq: 27 Jan 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 15249

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.4
88	15.8	0.0	31.6

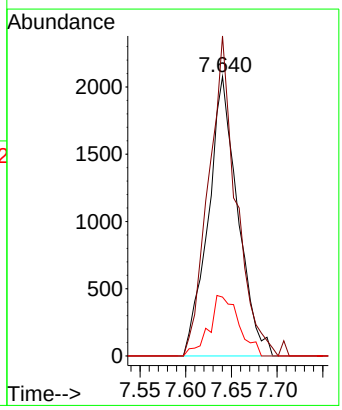


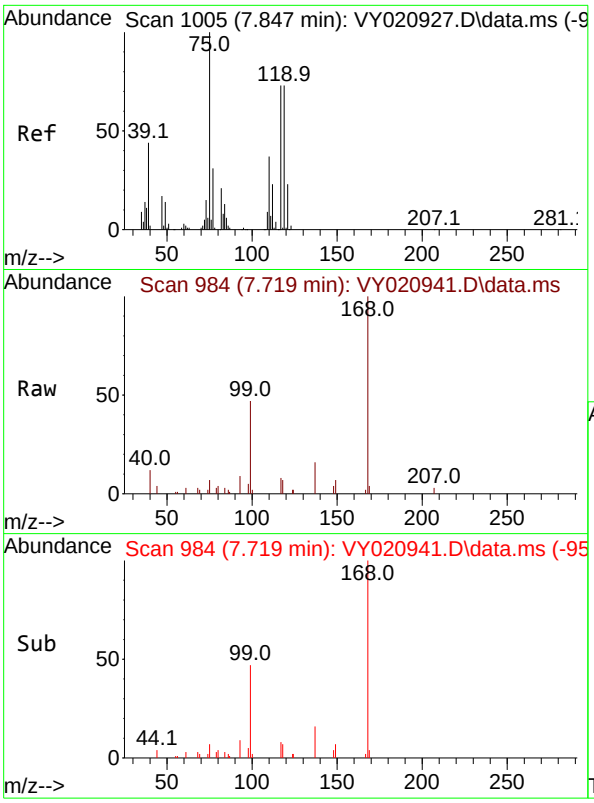


#35
Dibromofluoromethane
Concen: 53.197 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020941.D
Acq: 27 Jan 2025 11:43

Tgt Ion:113 Resp: 4657

Ion	Ratio	Lower	Upper
113	100		
111	107.4	82.3	123.5
192	21.8	17.4	26.2



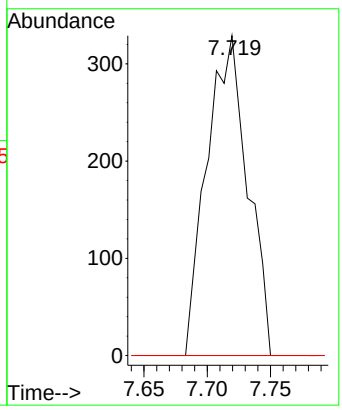


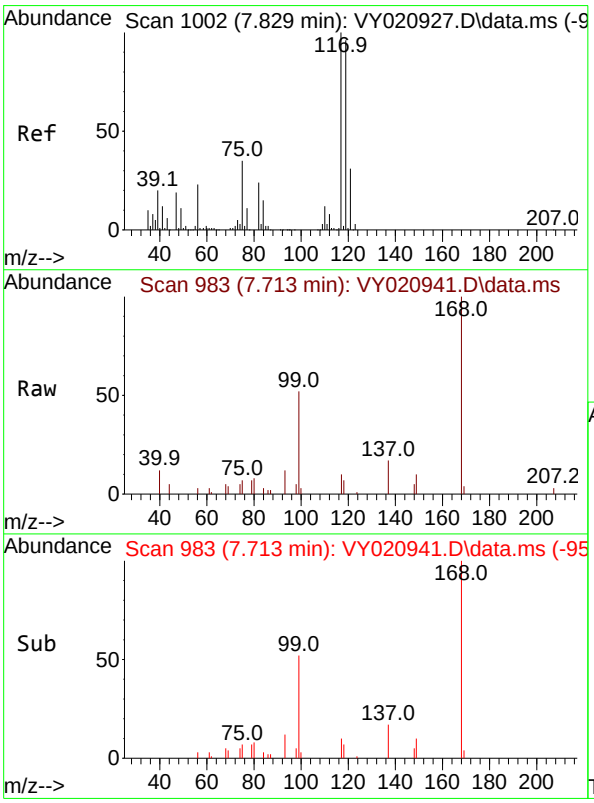
#36
1,1-Dichloropropene
Concen: 6.038 ug/l
RT: 7.719 min Scan# 9
Delta R.T. -0.128 min
Lab File: VY020941.D
Acq: 27 Jan 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 738

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.5	55.5#
77	0.0	25.0	37.4#

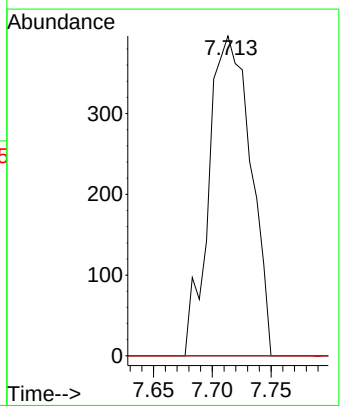


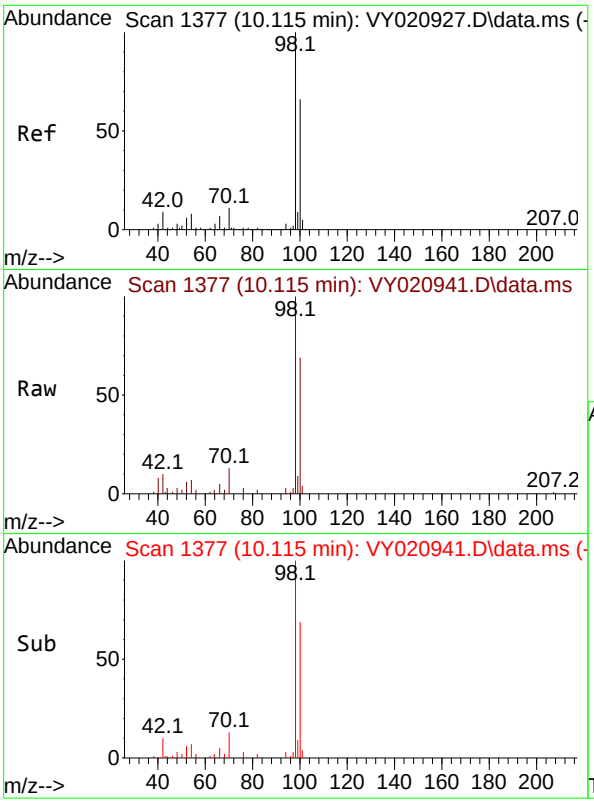


#38
Carbon Tetrachloride
Concen: 6.655 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY020941.D
Acq: 27 Jan 2025 11:43

Tgt Ion:117 Resp: 981

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.5	114.7#
121	0.0	25.0	37.4#



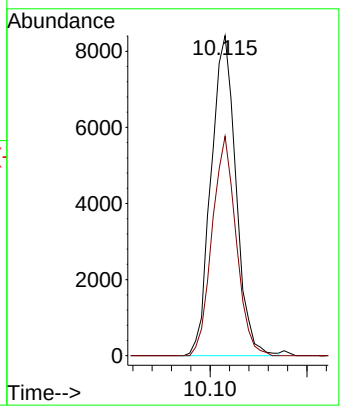


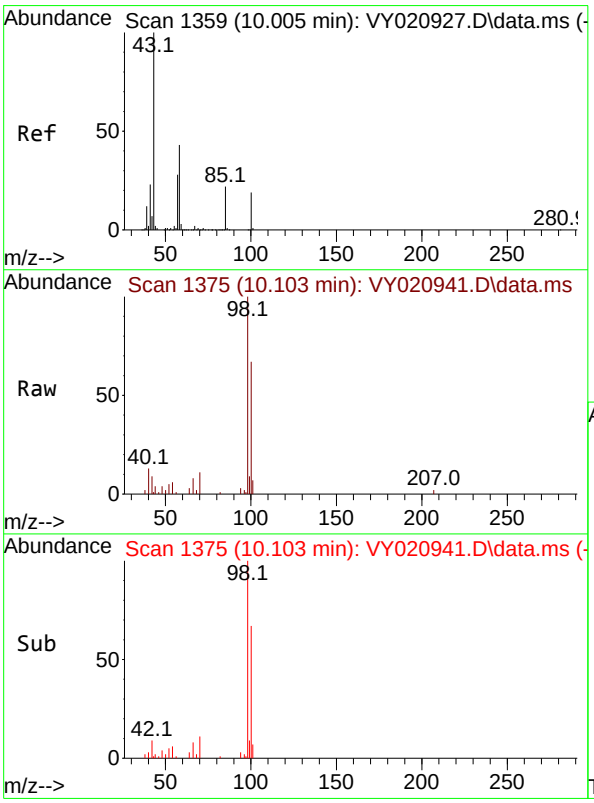
#50
Toluene-d8
Concen: 44.210 ug/l
RT: 10.115 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020941.D
Acq: 27 Jan 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 15012

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.3	78.5

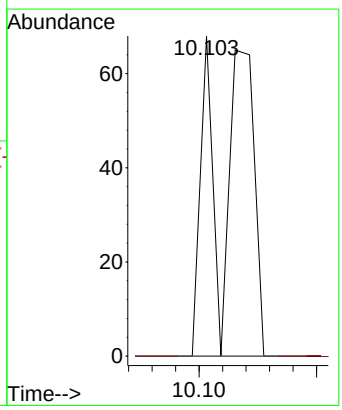


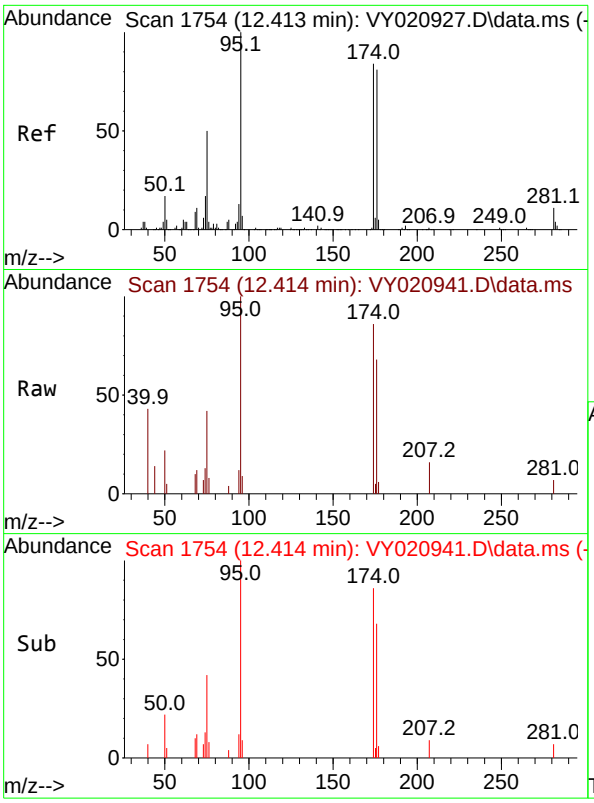


#51
4-Methyl-2-Pentanone
Concen: 1.588 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.098 min
Lab File: VY020941.D
Acq: 27 Jan 2025 11:43

Tgt Ion: 43 Resp: 72

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.7	50.5#



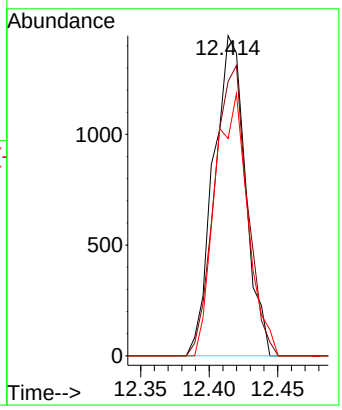


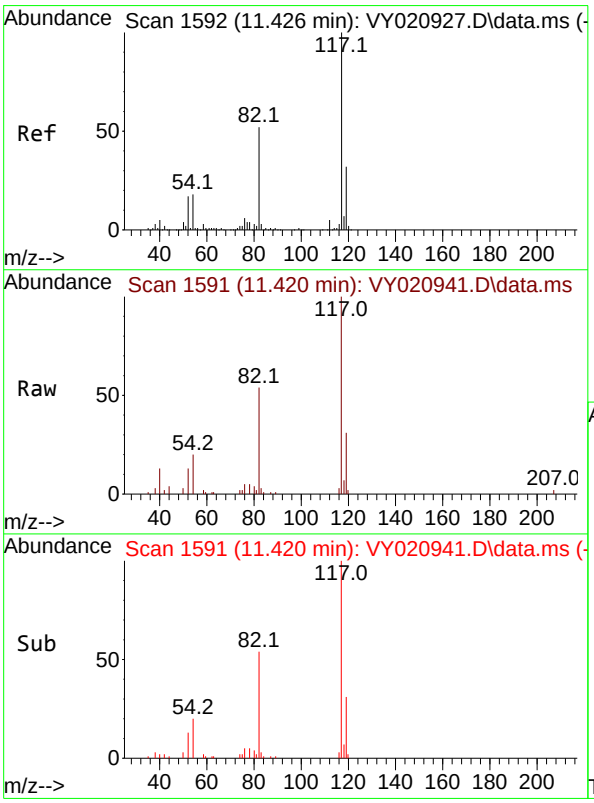
#62
4-Bromofluorobenzene
Concen: 20.795 ug/l
RT: 12.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020941.D
Acq: 27 Jan 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 2350

Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	177.4
176	84.3	0.0	172.2

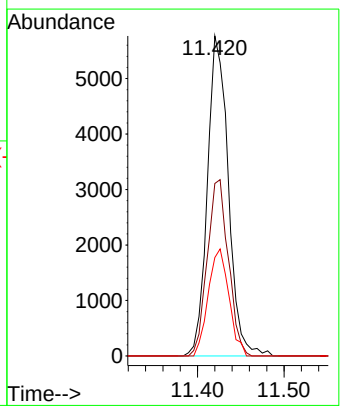


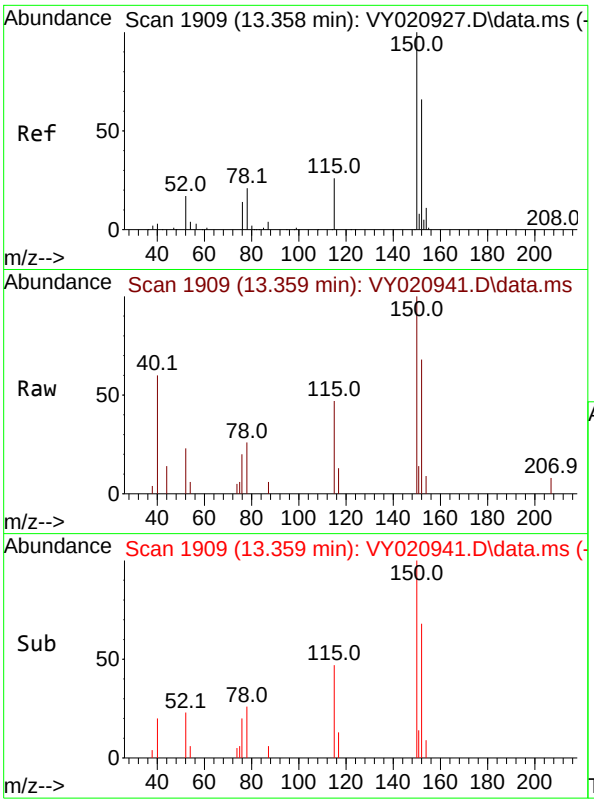


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY020941.D
Acq: 27 Jan 2025 11:43

Tgt Ion:117 Resp: 9679

Ion	Ratio	Lower	Upper
117	100		
82	53.9	41.8	62.8
119	30.7	26.0	39.0



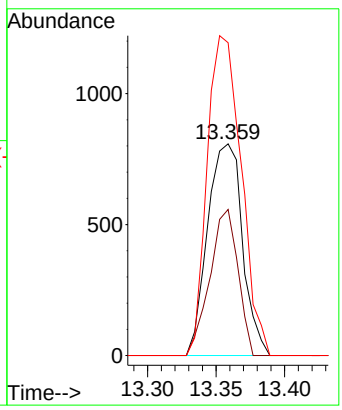


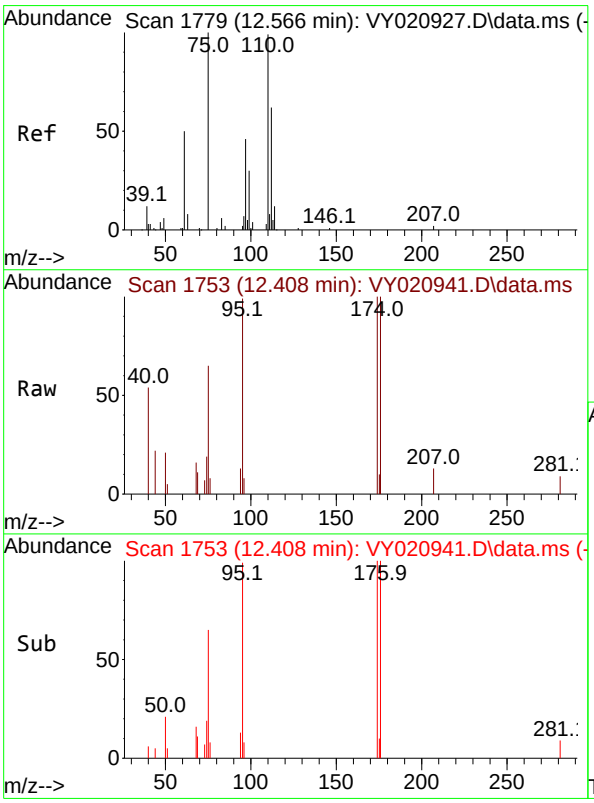
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020941.D
Acq: 27 Jan 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 1429

Ion	Ratio	Lower	Upper
152	100		
115	55.7	29.0	87.0
150	147.7	0.0	347.6

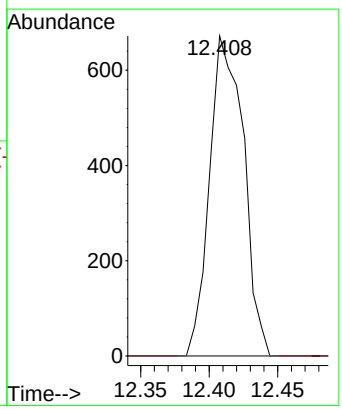


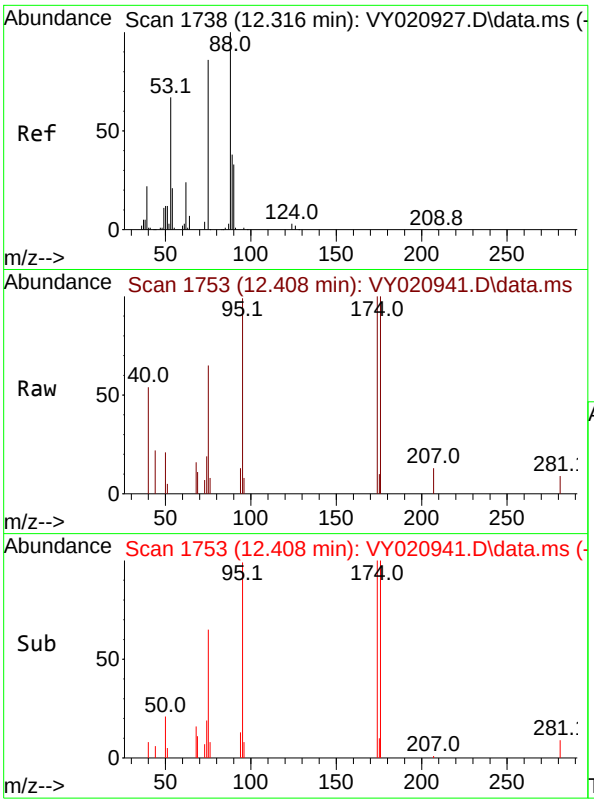


#76
1,2,3-Trichloropropane
Concen: 114.910 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.158 min
Lab File: VY020941.D
Acq: 27 Jan 2025 11:43

Tgt Ion: 75 Resp: 1161

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



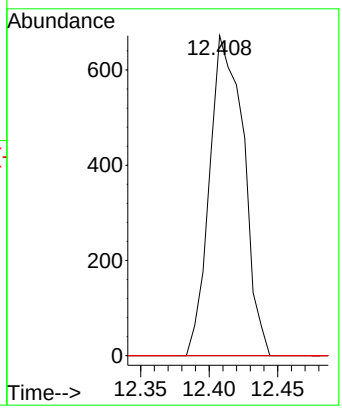


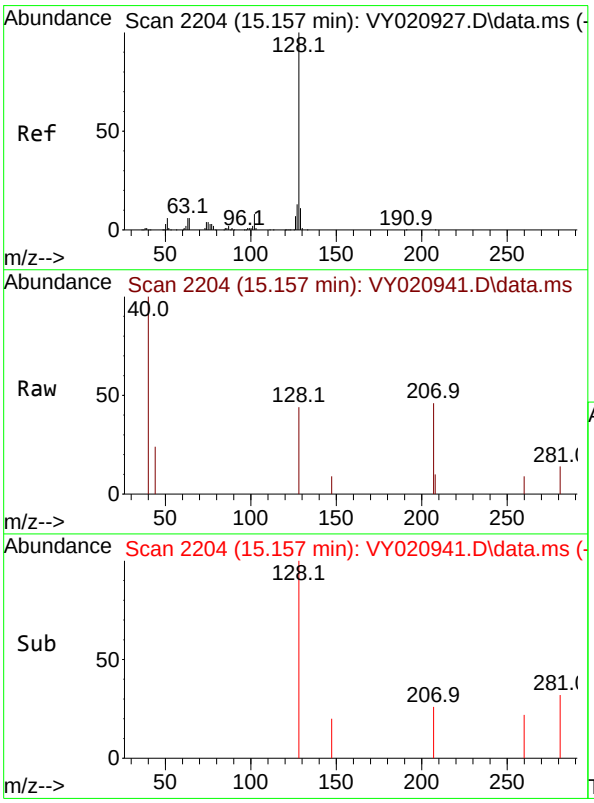
#81
trans-1,4-Dichloro-2-butene
Concen: 222.005 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.092 min
Lab File: VY020941.D
Acq: 27 Jan 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1161

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.7	101.5#
89	0.0	38.4	57.6#

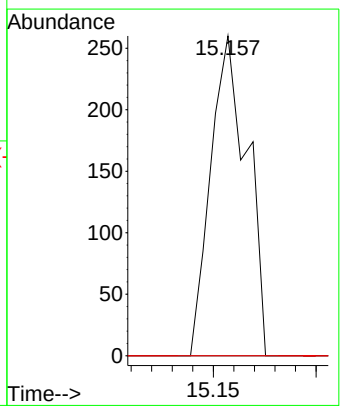


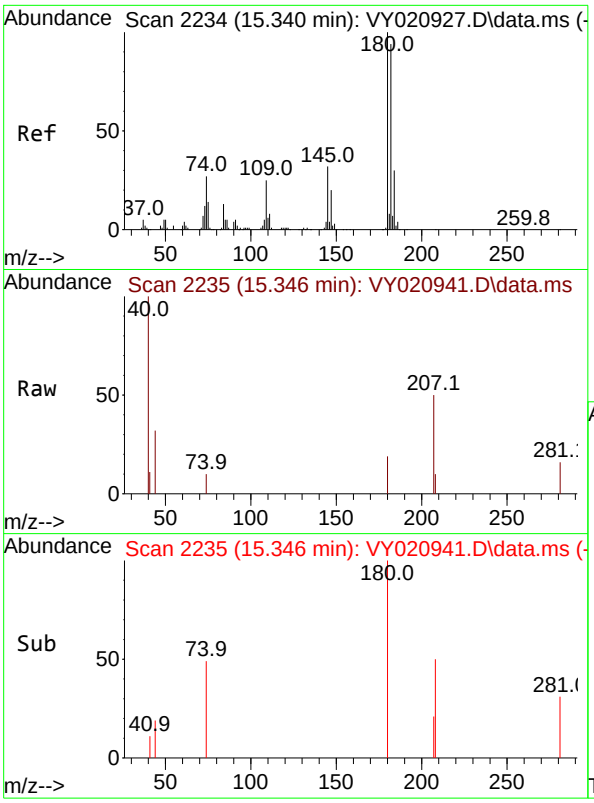


#95
Naphthalene
Concen: 8.667 ug/l
RT: 15.157 min Scan# 2204
Delta R.T. 0.000 min
Lab File: VY020941.D
Acq: 27 Jan 2025 11:43

Tgt Ion:128 Resp: 320

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 6.669 ug/l
RT: 15.346 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY020941.D
Acq: 27 Jan 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:180 Resp: 129

Ion	Ratio	Lower	Upper
180	100		
182	31.0	47.5	142.6#
145	0.0	15.7	47.0#