Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021393.D
Acq On : 28 Feb 2025 20:12
Operator : SY/MD
Sample : Q1463-05
Misc : 7.58g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T5

Quant Time: Feb 28 22:25:23 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	7.707	168	110582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	190855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	149747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	36347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	73152	58.314	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.620%			
35) Dibromofluoromethane	7.634	113	72847	58.219	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.440%			
50) Toluene-d8	10.109	98	217960	45.072	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 90.140%			
62) 4-Bromofluorobenzene	12.407	95	54576	33.535	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 67.060%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.854	59	50450	522.849	ug/l	98
16) Acetone	3.866	43	103218	428.942	ug/l	97
18) Methyl Acetate	4.397	43	2773	4.715	ug/l	95
20) Methylene Chloride	4.622	84	12459	9.575	ug/l	94

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

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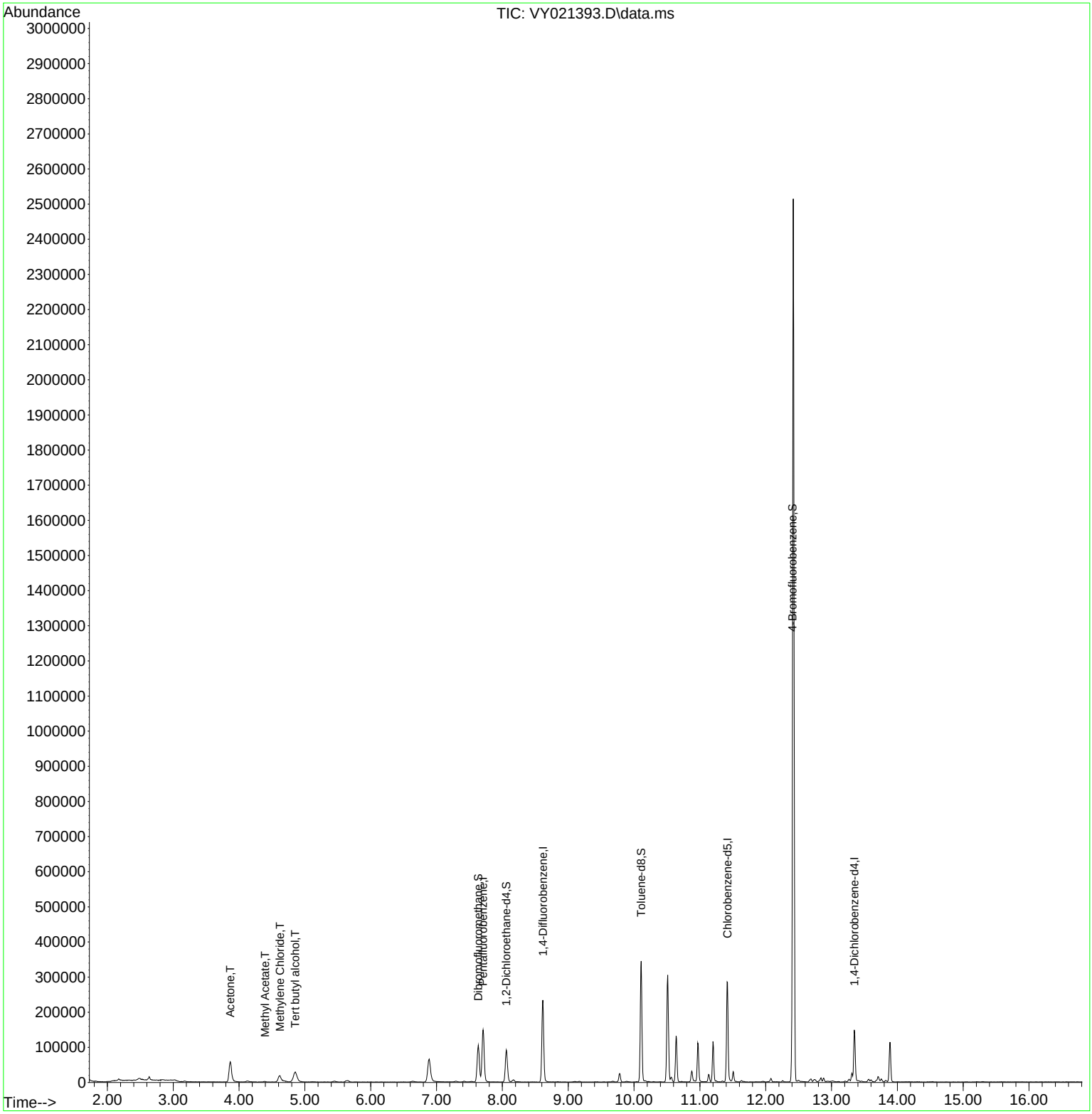
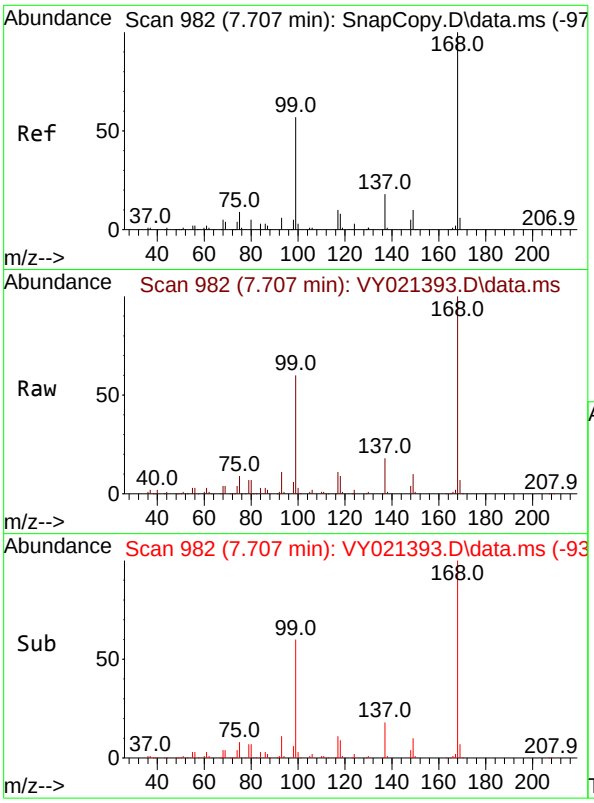


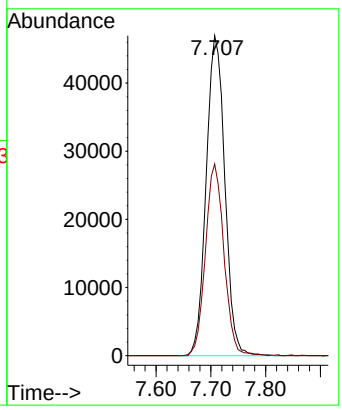


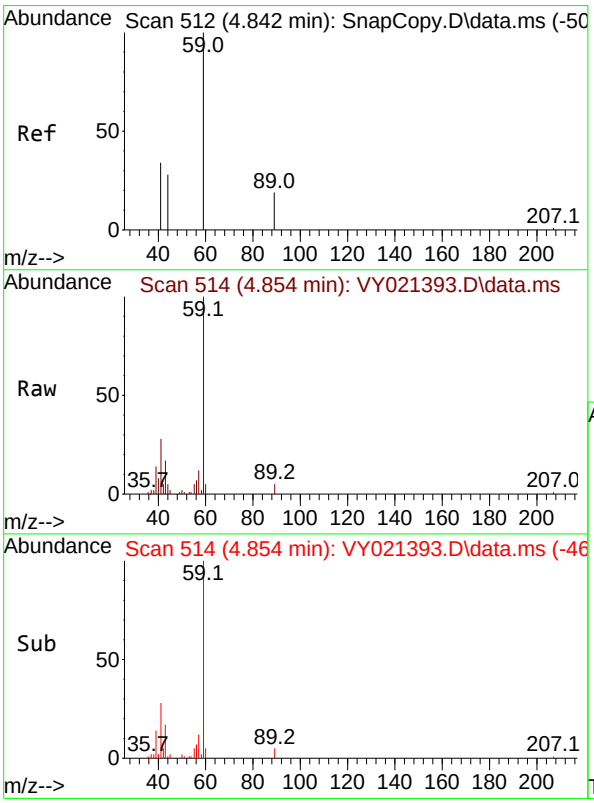
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021393.D
Acq: 28 Feb 2025 20:12

Instrument :
MSVOA_Y
ClientSampleId :
T5

Tgt Ion:168 Resp: 110582

Ion	Ratio	Lower	Upper
168	100		
99	59.9	47.1	70.7

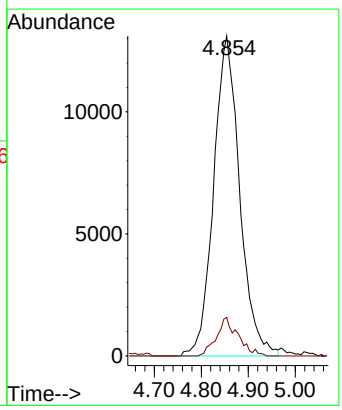


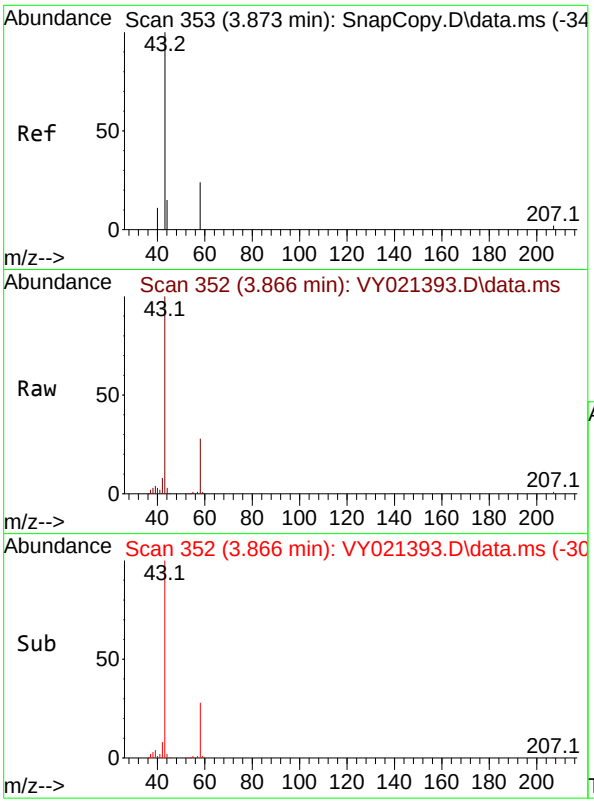


#11
Tert butyl alcohol
Concen: 522.849 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY021393.D
Acq: 28 Feb 2025 20:12

Tgt Ion: 59 Resp: 50450

Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.3	12.5



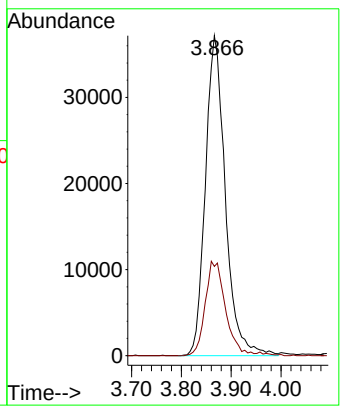


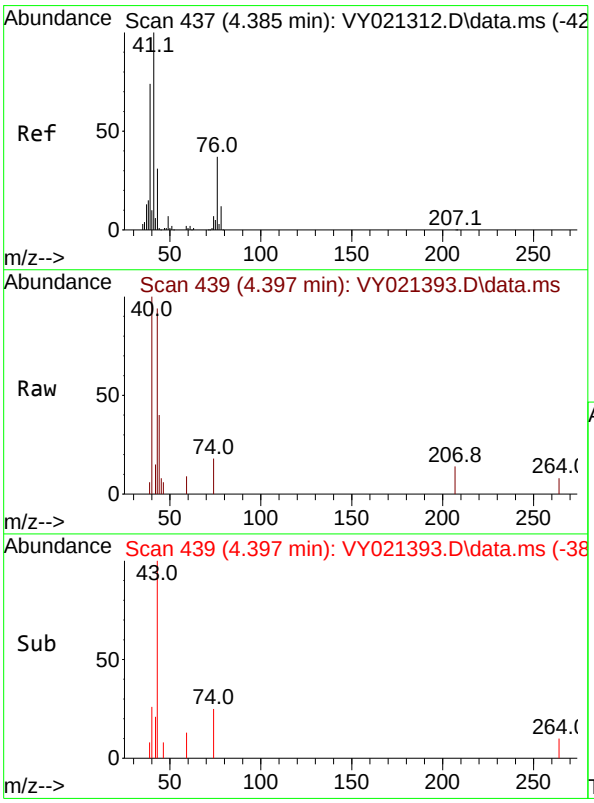
#16
Acetone
Concen: 428.942 ug/l
RT: 3.866 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021393.D
Acq: 28 Feb 2025 20:12

Instrument :
MSVOA_Y
ClientSampleId :
T5

Tgt Ion: 43 Resp: 103218

Ion	Ratio	Lower	Upper
43	100		
58	27.9	23.5	35.3

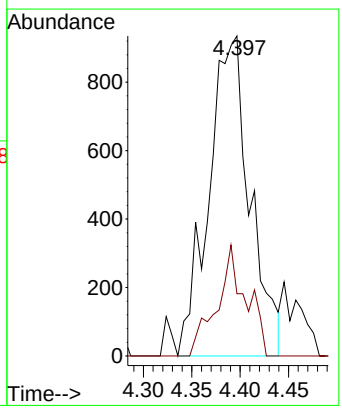


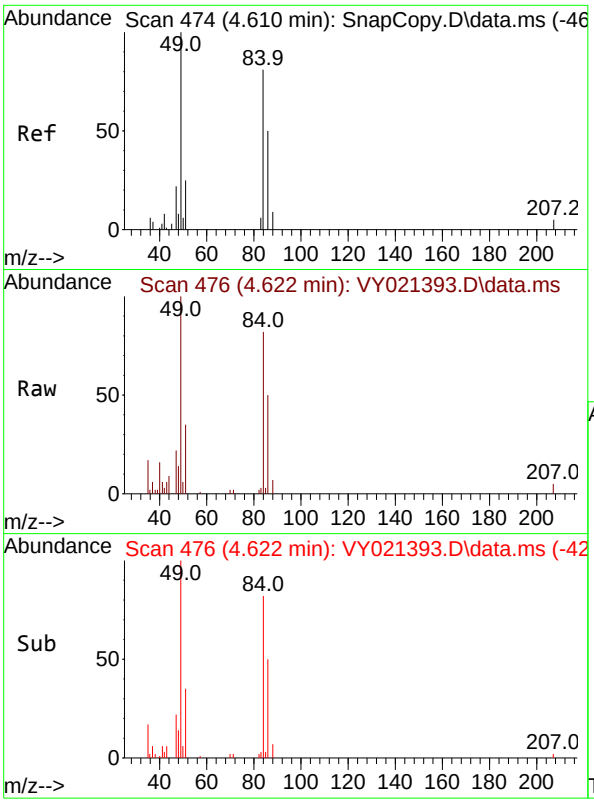


#18
Methyl Acetate
Concen: 4.715 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY021393.D
Acq: 28 Feb 2025 20:12

Tgt Ion: 43 Resp: 2773

Ion	Ratio	Lower	Upper
43	100		
74	24.6	17.7	26.5



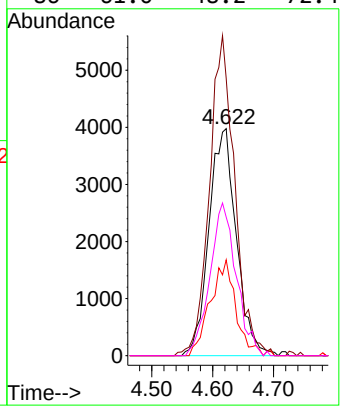


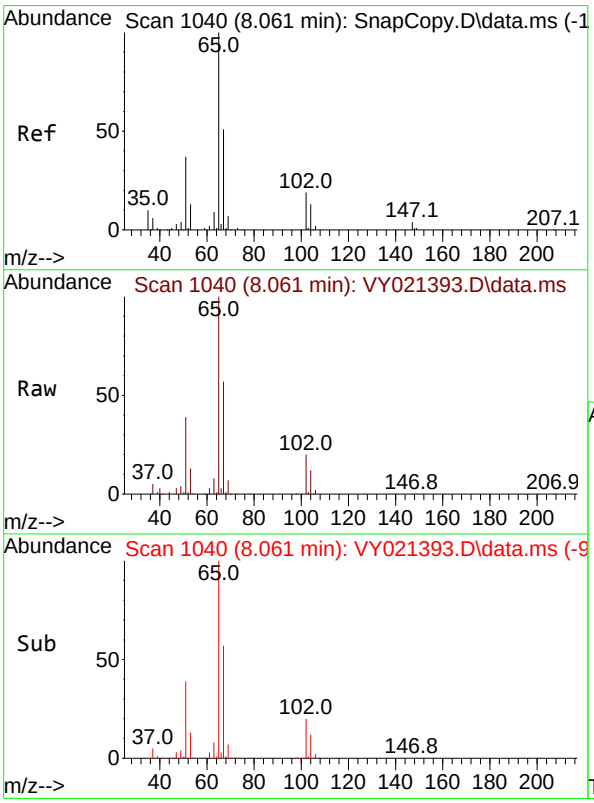
#20
Methylene Chloride
Concen: 9.575 ug/l
RT: 4.622 min Scan# 4
Delta R.T. 0.012 min
Lab File: VY021393.D
Acq: 28 Feb 2025 20:12

Instrument :
MSVOA_Y
ClientSampleId :
T5

Tgt Ion: 84 Resp: 12459

Ion	Ratio	Lower	Upper
84	100		
49	122.1	105.1	157.7
51	42.2	31.0	46.4
86	61.0	48.2	72.4

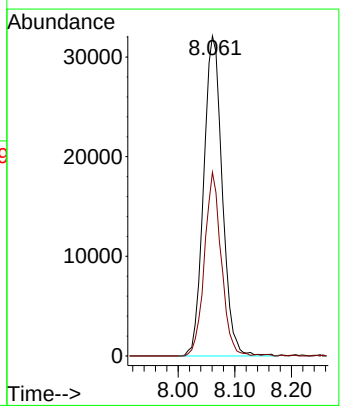


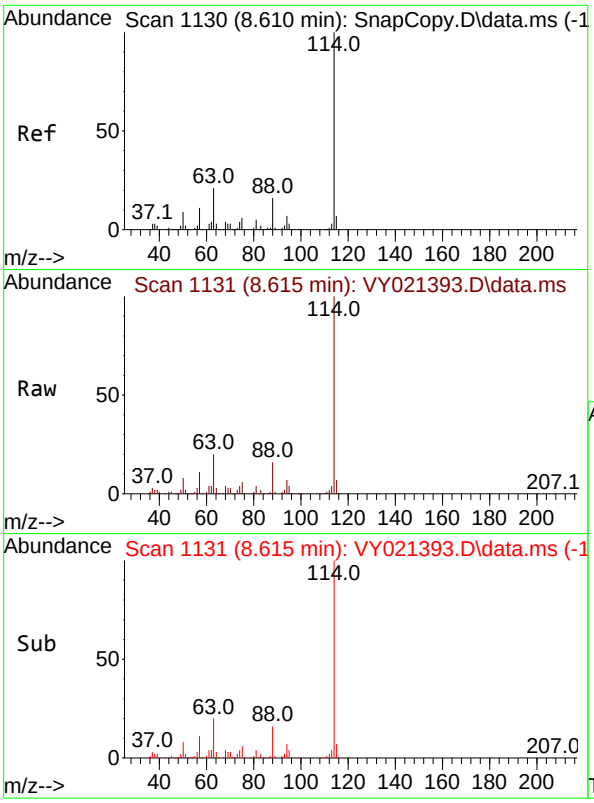


#33
1,2-Dichloroethane-d4
Concen: 58.314 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021393.D
Acq: 28 Feb 2025 20:12

Tgt Ion: 65 Resp: 73152

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.6



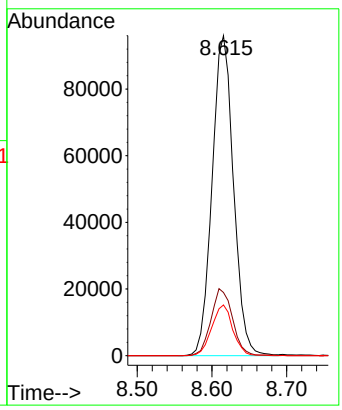


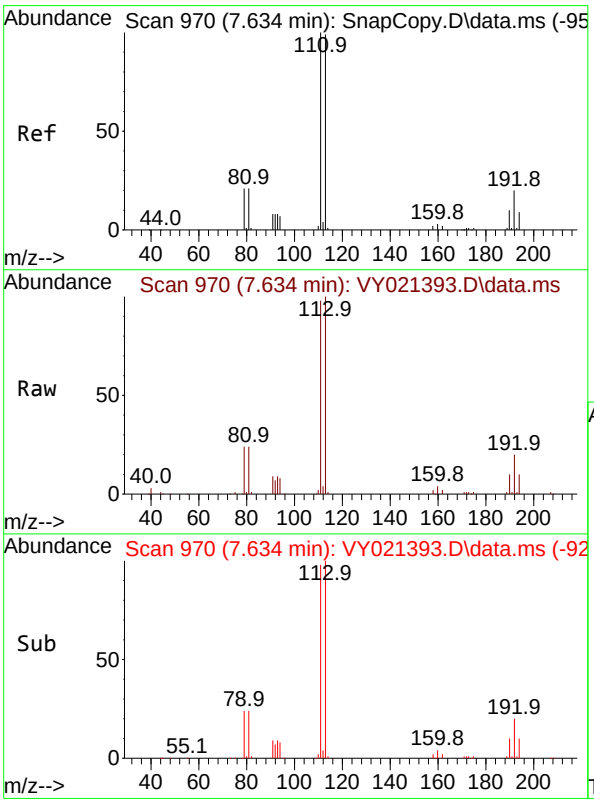
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021393.D
Acq: 28 Feb 2025 20:12

Instrument :
MSVOA_Y
ClientSampleId :
T5

Tgt Ion:114 Resp: 190855

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.2
88	15.9	0.0	29.8

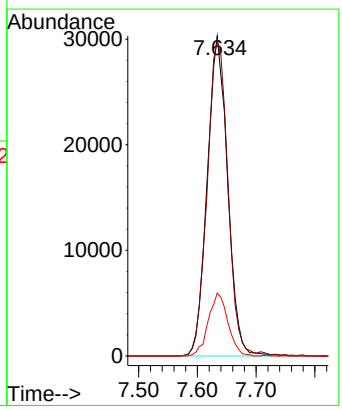


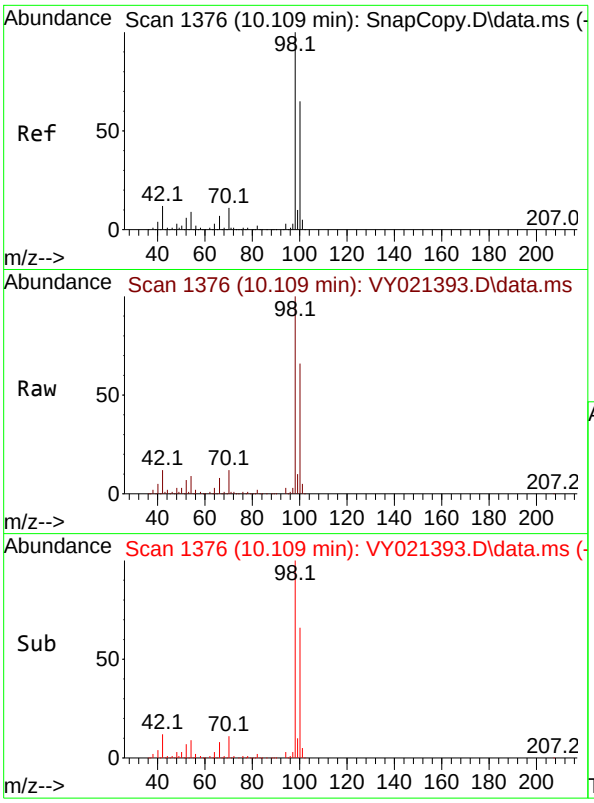


#35
Dibromofluoromethane
Concen: 58.219 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021393.D
Acq: 28 Feb 2025 20:12

Tgt Ion:113 Resp: 72847

Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.0	121.6
192	18.9	15.8	23.8



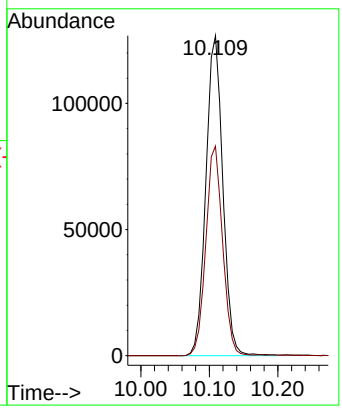


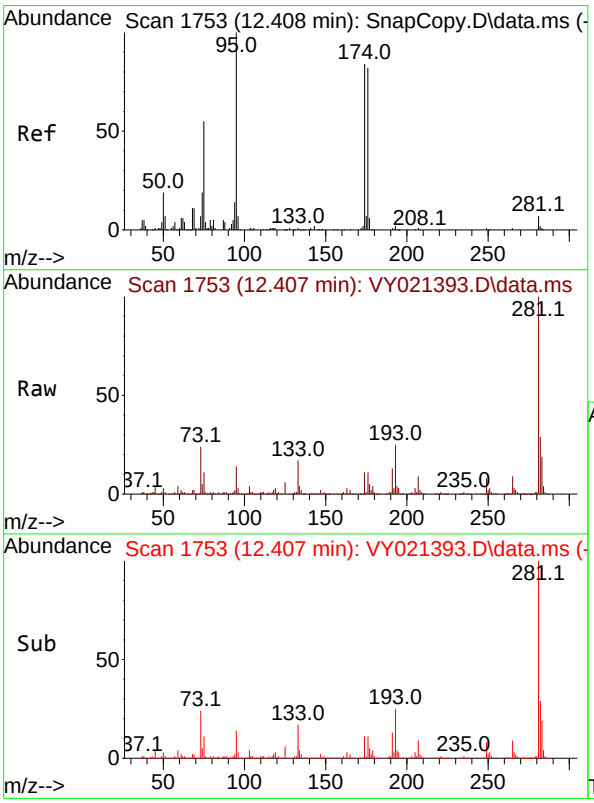
#50
Toluene-d8
Concen: 45.072 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021393.D
Acq: 28 Feb 2025 20:12

Instrument :
MSVOA_Y
ClientSampleId :
T5

Tgt Ion: 98 Resp: 217960

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.4	78.6

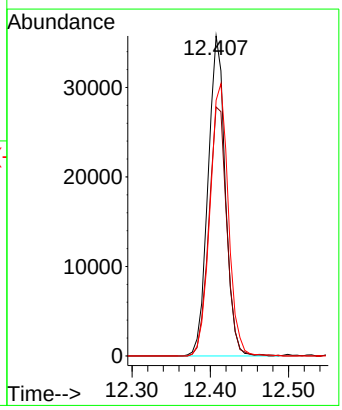


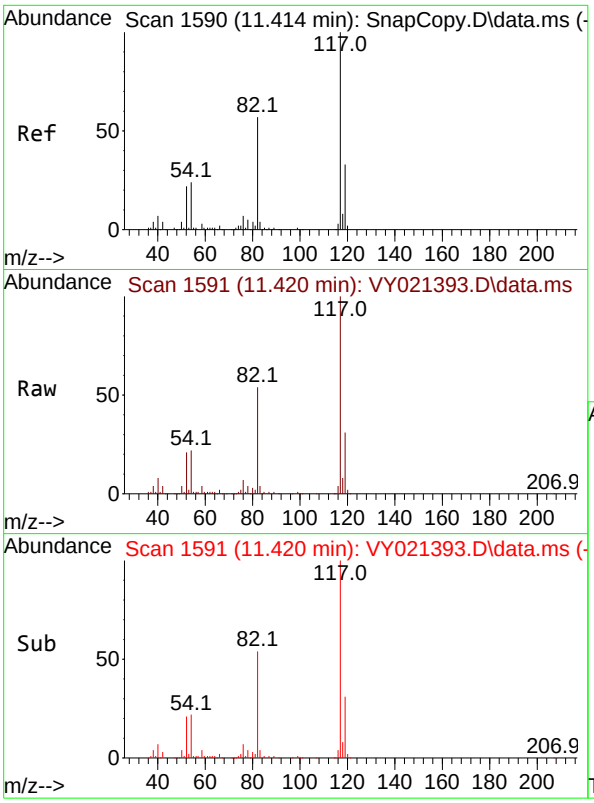


#62
4-Bromofluorobenzene
Concen: 33.535 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021393.D
Acq: 28 Feb 2025 20:12

Tgt Ion: 95 Resp: 54576

Ion	Ratio	Lower	Upper
95	100		
174	80.5	0.0	168.0
176	91.0	0.0	162.6



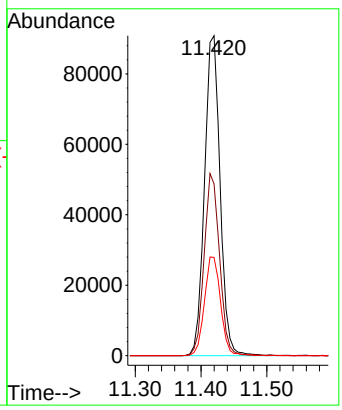


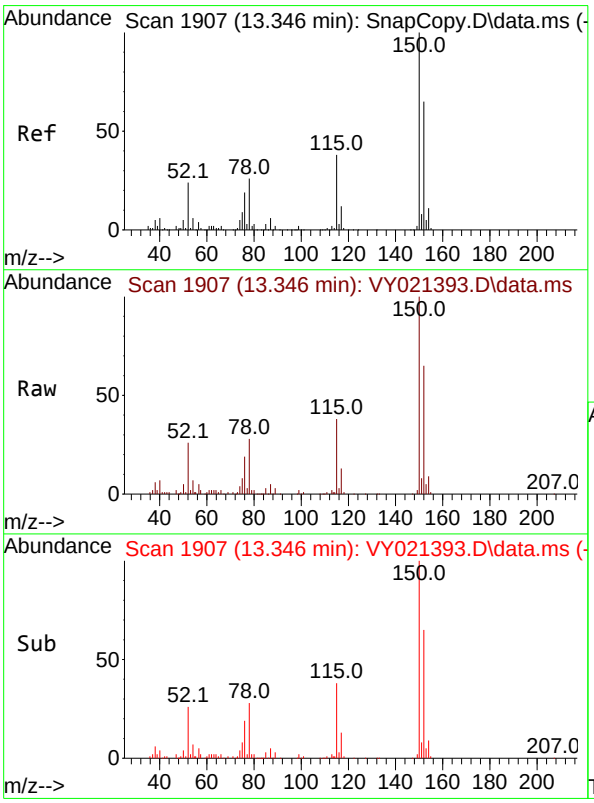
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021393.D
Acq: 28 Feb 2025 20:12

Instrument :
MSVOA_Y
ClientSampleId :
T5

Tgt Ion:117 Resp: 149747

Ion	Ratio	Lower	Upper
117	100		
82	53.7	46.2	69.4
119	30.7	24.9	37.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY021393.D
Acq: 28 Feb 2025 20:12

Tgt Ion:152 Resp: 36347

Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.3	88.0
150	154.4	0.0	347.4