Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021355.D
Acq On : 27 Feb 2025 14:01
Operator : SY/MD
Sample : Q1415-03RE
Misc : 4.10g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02RE

Quant Time: Feb 28 00:41:44 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	98490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	174802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	165444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	72948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	66104	59.165	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.340%			
35) Dibromofluoromethane	7.634	113	61849	53.969	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.940%			
50) Toluene-d8	10.103	98	212983	48.088	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.180%			
62) 4-Bromofluorobenzene	12.402	95	75524	50.668	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.340%			
Target Compounds						Qvalue
16) Acetone	3.867	43	62962	293.774	ug/l	98
20) Methylene Chloride	4.610	84	10764	9.288	ug/l	98
25) 2-Butanone	6.896	43	24297	75.116	ug/l	99
68) m/p-Xylenes	11.627	106	4332	1.751	ug/l	83

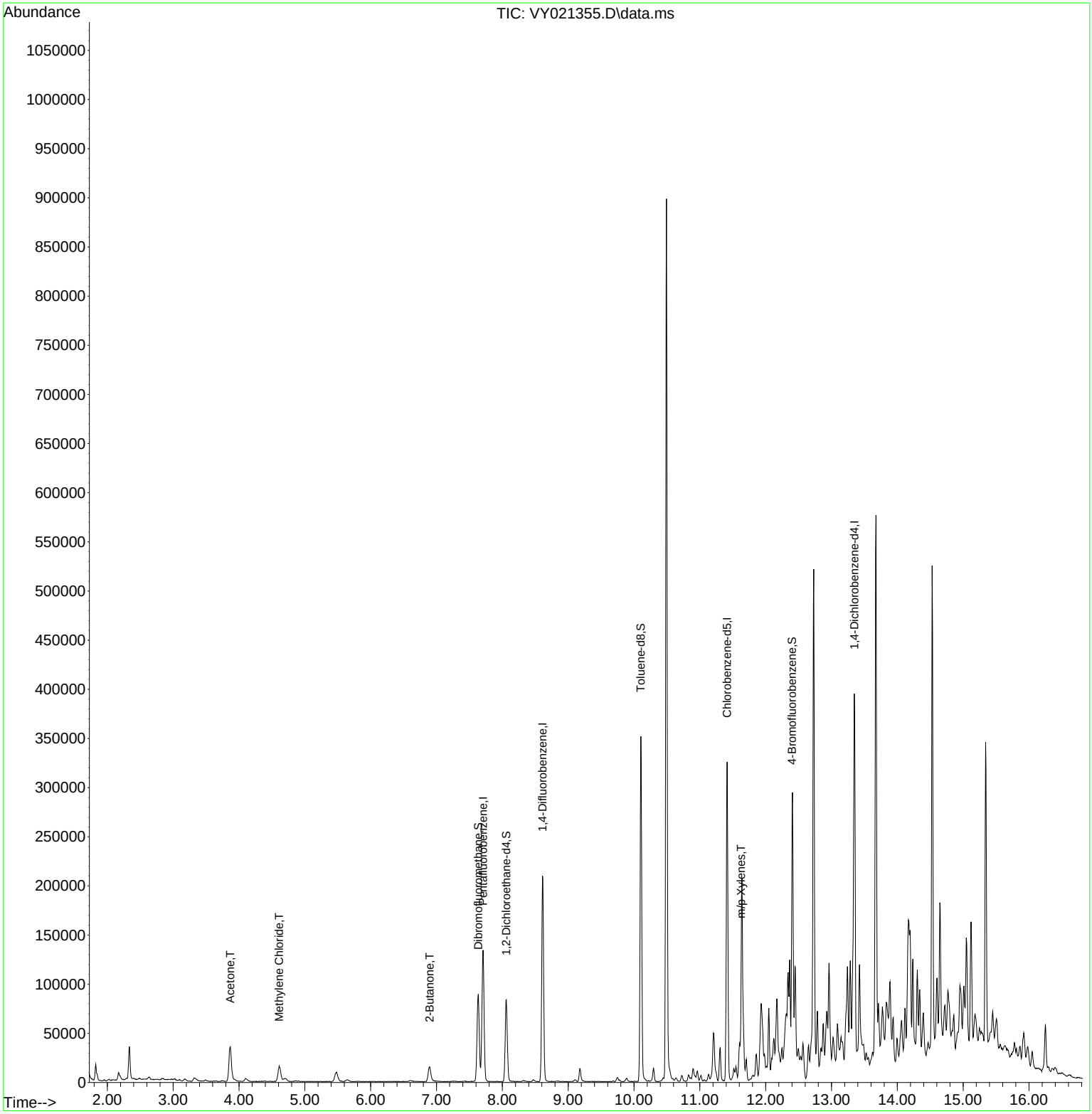
(#) = qualifier out of range (m) = manual integration (+) = signals summed

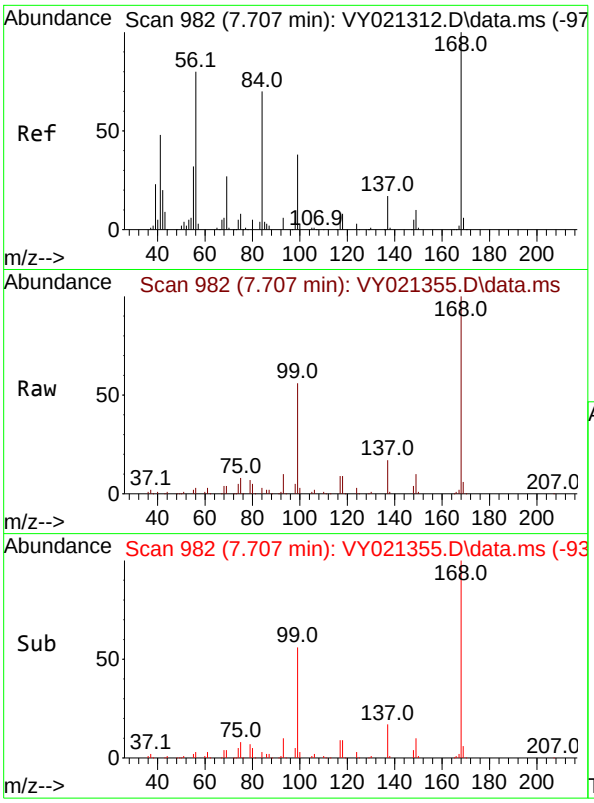
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021355.D
Acq On : 27 Feb 2025 14:01
Operator : SY/MD
Sample : Q1415-03RE
Misc : 4.10g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02RE

Quant Time: Feb 28 00:41:44 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



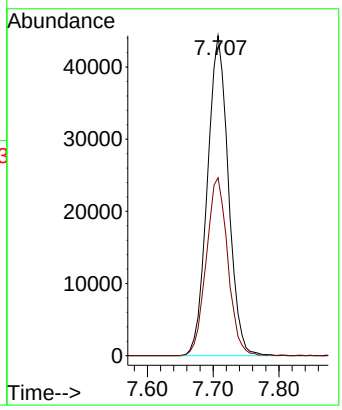


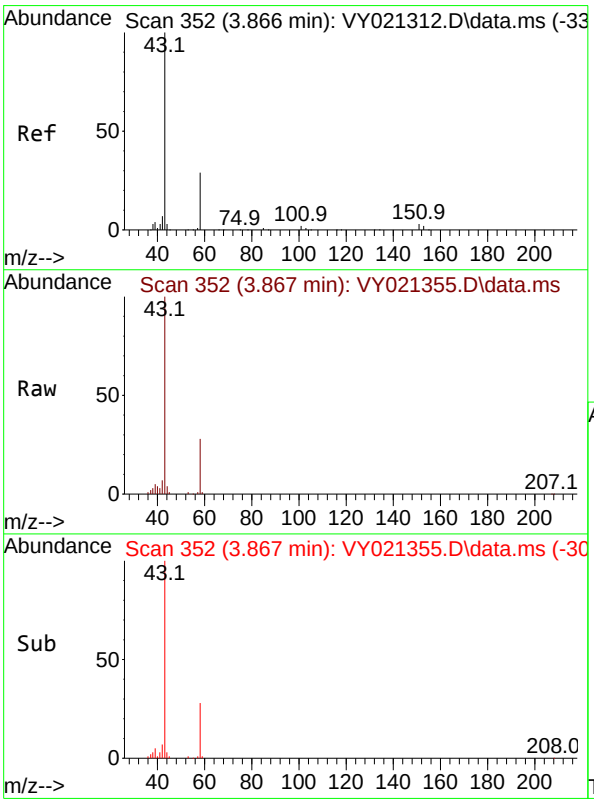
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02RE

Tgt Ion:168 Resp: 98490

Ion	Ratio	Lower	Upper
168	100		
99	55.6	47.1	70.7

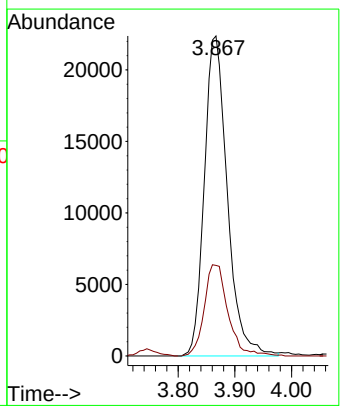


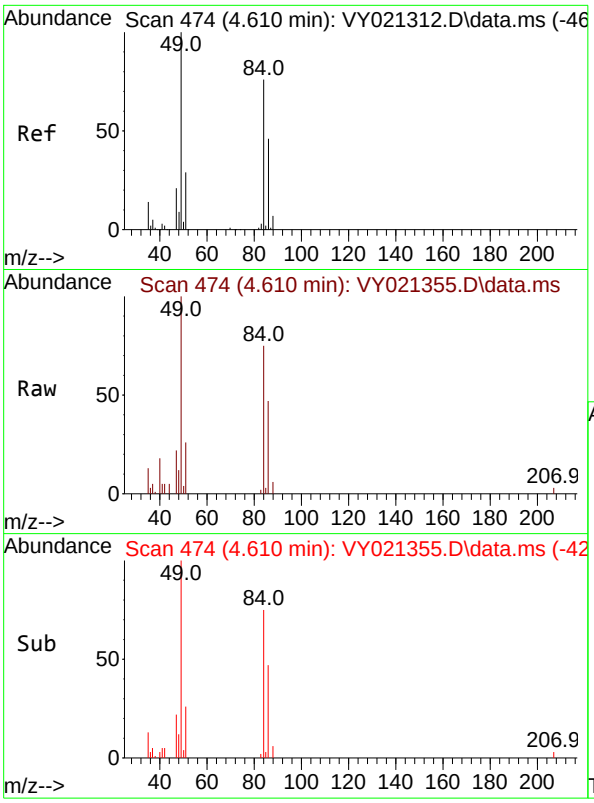


#16
Acetone
Concen: 293.774 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

Tgt Ion: 43 Resp: 62962

Ion	Ratio	Lower	Upper
43	100		
58	28.3	23.5	35.3



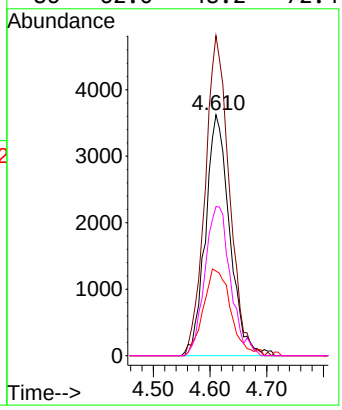


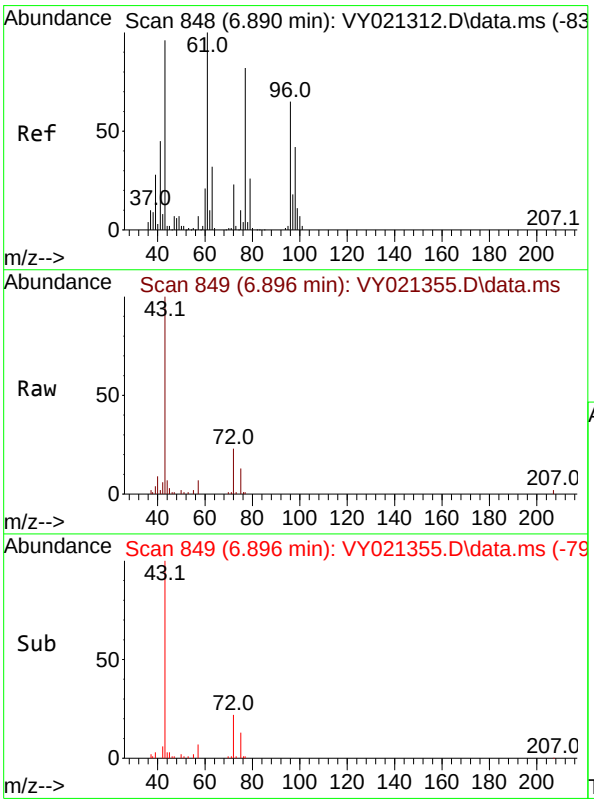
#20
Methylene Chloride
Concen: 9.288 ug/l
RT: 4.610 min Scan# 4
Delta R.T. 0.000 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02RE

Tgt Ion: 84 Resp: 10764

Ion	Ratio	Lower	Upper
84	100		
49	132.9	105.1	157.7
51	35.2	31.0	46.4
86	62.0	48.2	72.4

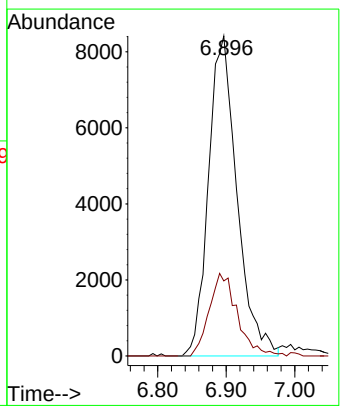


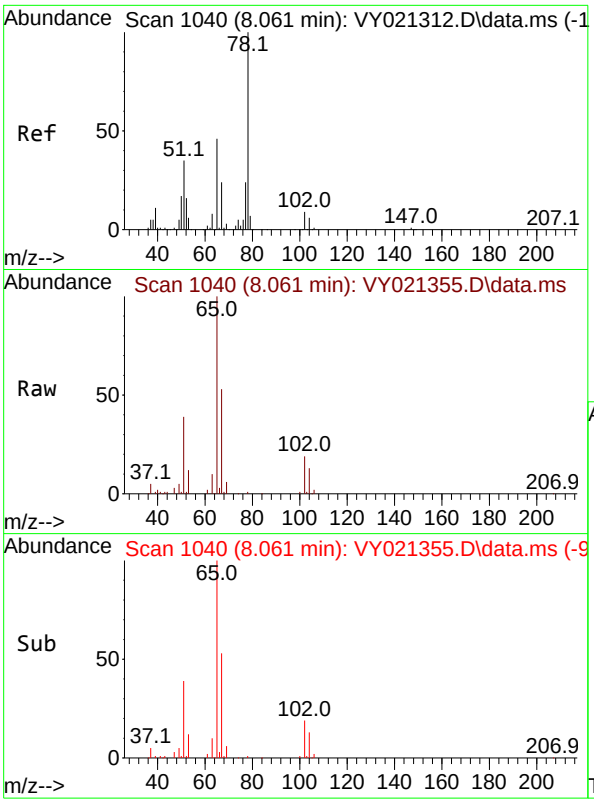


#25
2-Butanone
Concen: 75.116 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

Tgt Ion: 43 Resp: 24297

Ion	Ratio	Lower	Upper
43	100		
72	23.5	19.0	28.6



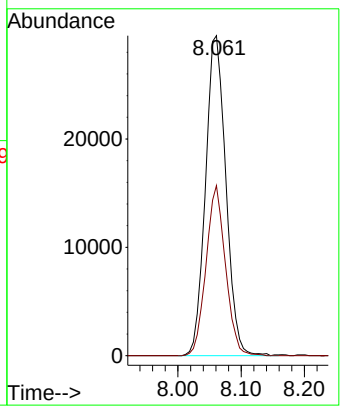


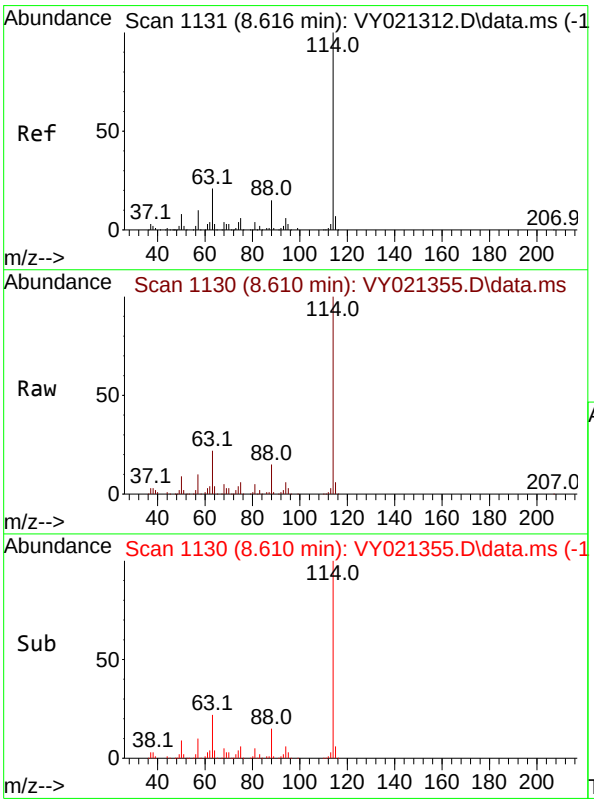
#33
1,2-Dichloroethane-d4
Concen: 59.165 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02RE

Tgt Ion: 65 Resp: 66104

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	103.6

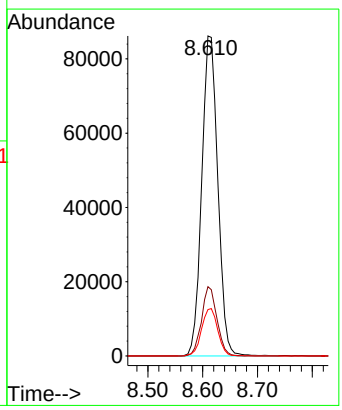


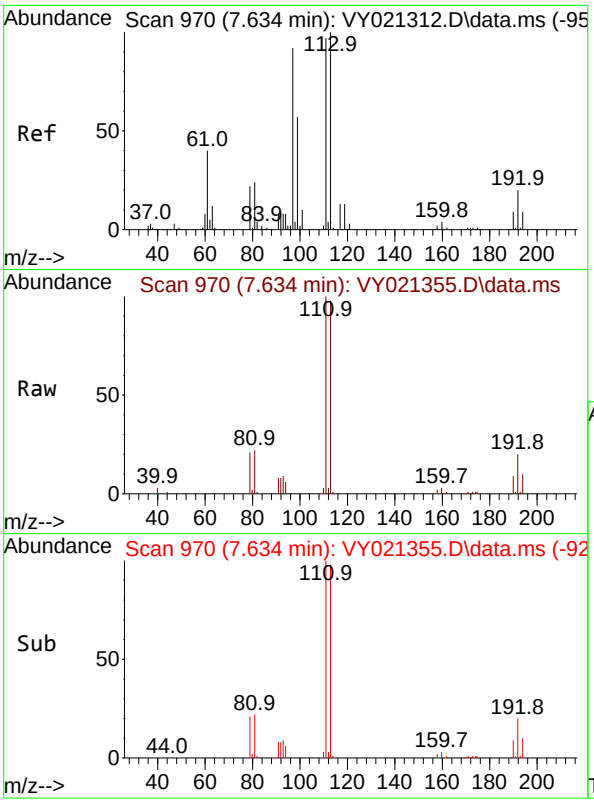


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

Tgt Ion:114 Resp: 174802

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	42.2
88	14.5	0.0	29.8



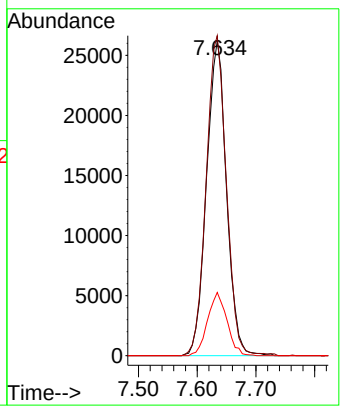


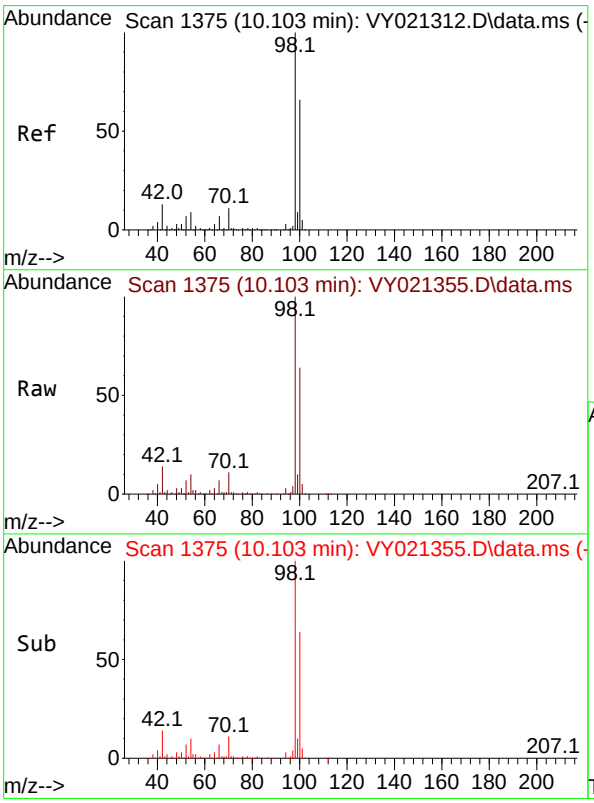
#35
Dibromofluoromethane
Concen: 53.969 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02RE

Tgt Ion:113 Resp: 61849

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.0	121.6
192	19.5	15.8	23.8

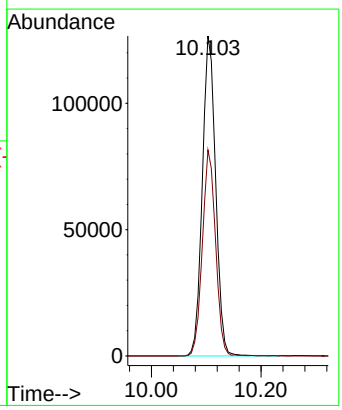


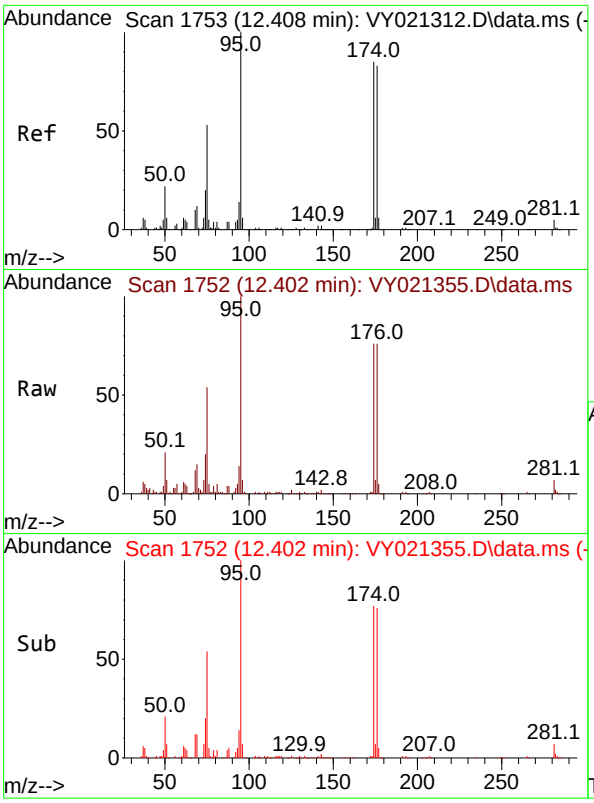


#50
Toluene-d8
Concen: 48.088 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

Tgt Ion: 98 Resp: 212983

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.4	78.6



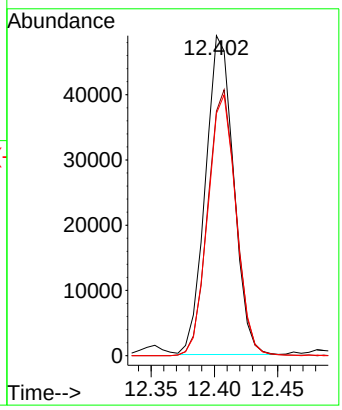


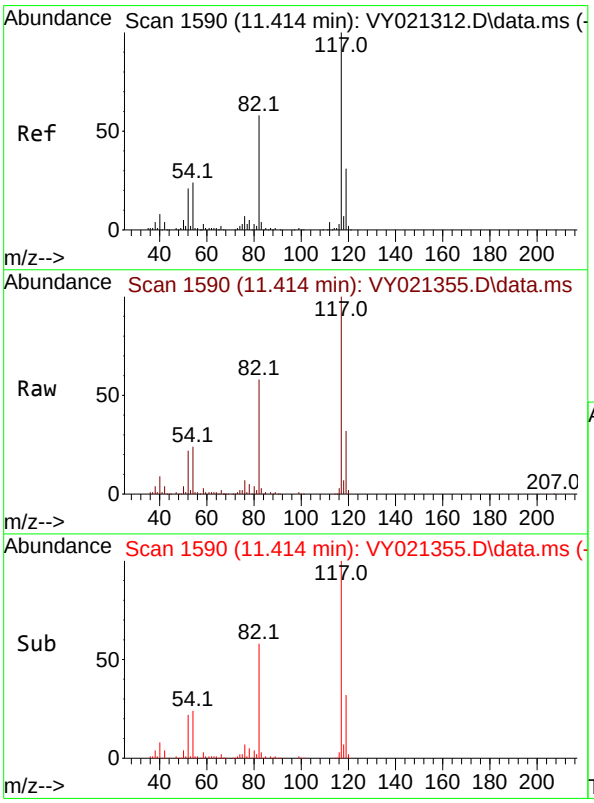
#62
4-Bromofluorobenzene
Concen: 50.668 ug/l
RT: 12.402 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02RE

Tgt Ion: 95 Resp: 75524

Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	168.0
176	82.3	0.0	162.6

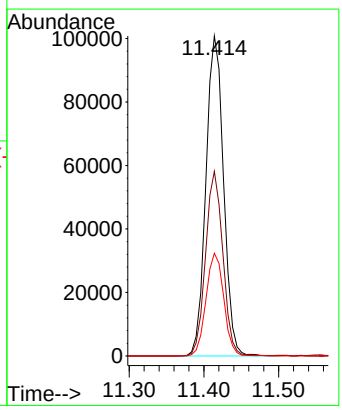


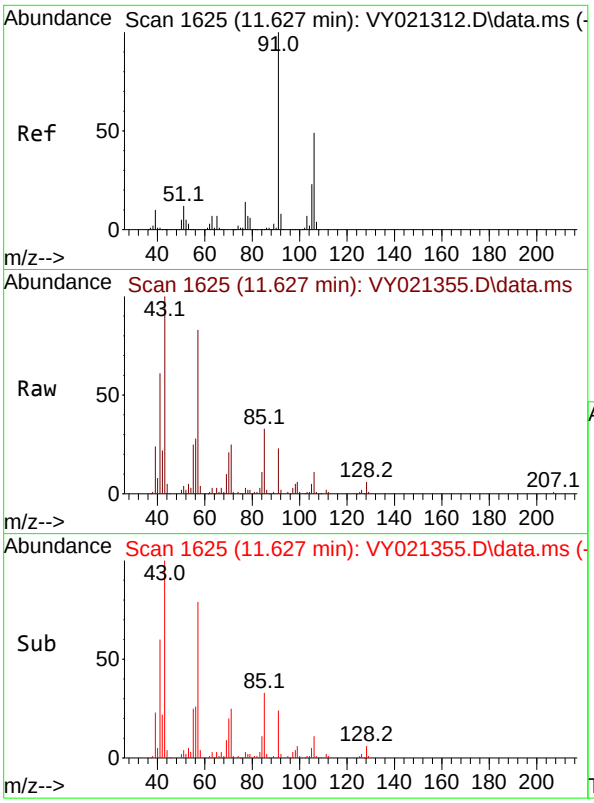


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

Tgt Ion:117 Resp: 165444

Ion	Ratio	Lower	Upper
117	100		
82	57.7	46.2	69.4
119	32.1	24.9	37.3



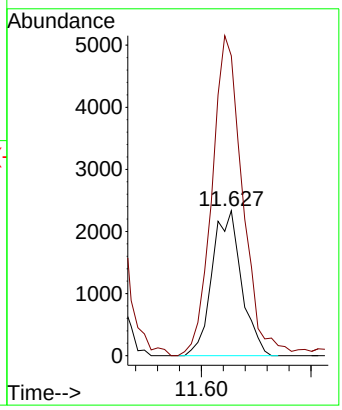


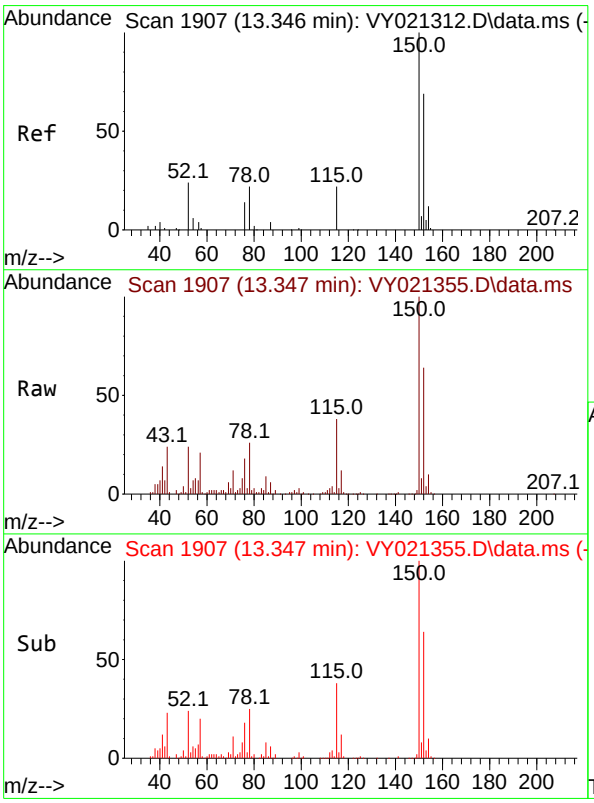
#68
m/p-Xylenes
Concen: 1.751 ug/l
RT: 11.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02RE

Tgt Ion:106 Resp: 4332

Ion	Ratio	Lower	Upper
106	100		
91	230.7	163.9	245.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

Tgt Ion:152 Resp: 72948

Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.3	88.0
150	156.9	0.0	347.4