Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021115.D
Acq On : 06 Feb 2025 16:45
Operator : SY/MD
Sample : Q1287-05
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-C

Quant Time: Feb 07 02:34:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

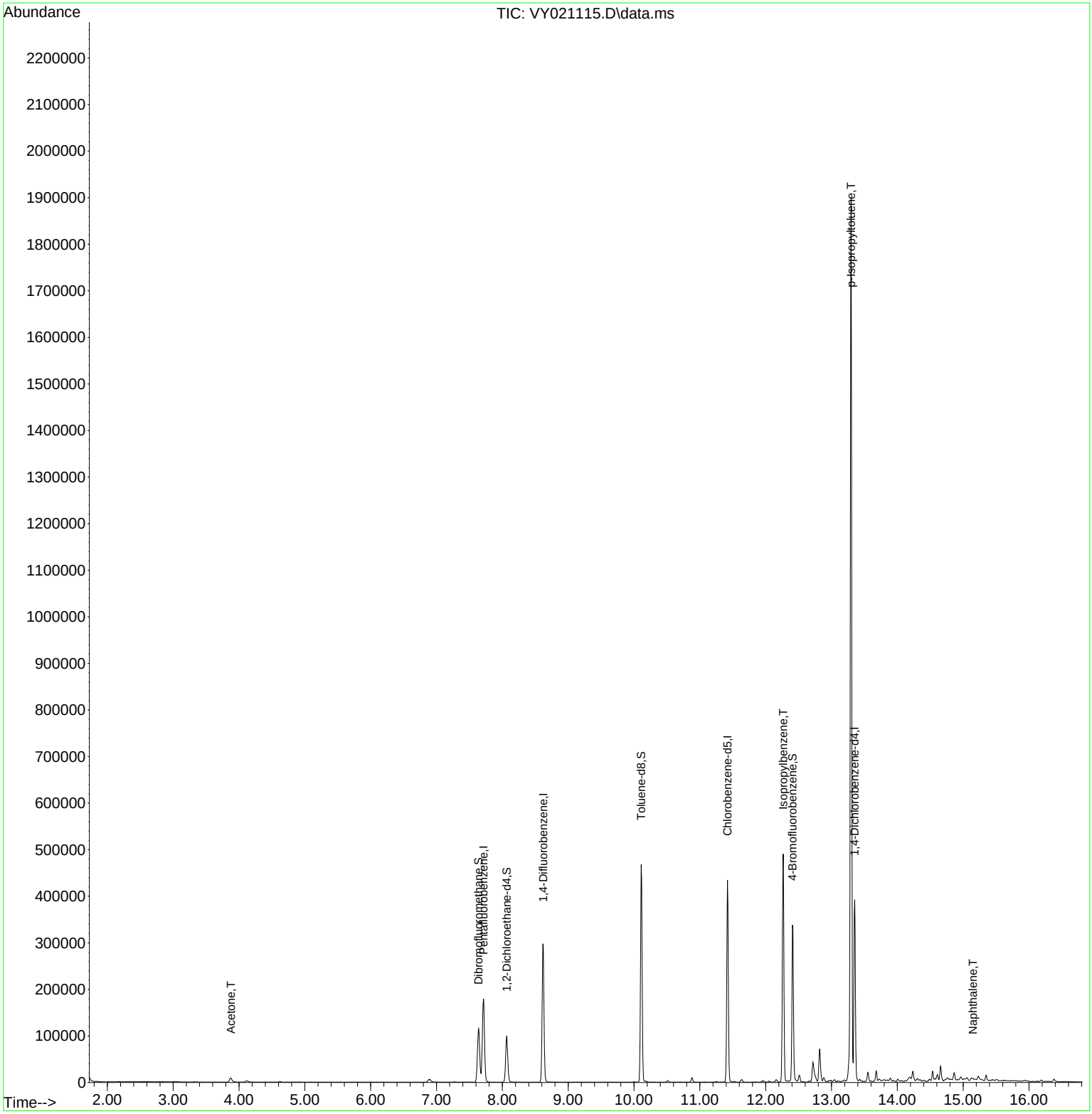
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	137136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	247258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	223772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	96231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	78531	55.891	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.780%			
35) Dibromofluoromethane	7.640	113	81527	51.450	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.900%			
50) Toluene-d8	10.109	98	296579	49.162	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.320%			
62) 4-Bromofluorobenzene	12.407	95	101814	51.660	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.320%			
Target Compounds						Qvalue
16) Acetone	3.878	43	15688	71.596	ug/l	95
73) Isopropylbenzene	12.267	105	19949	2.654	ug/l #	64
86) p-Isopropyltoluene	13.298	119	1001714	151.225	ug/l	99
95) Naphthalene	15.151	128	3309	1.278	ug/l	98

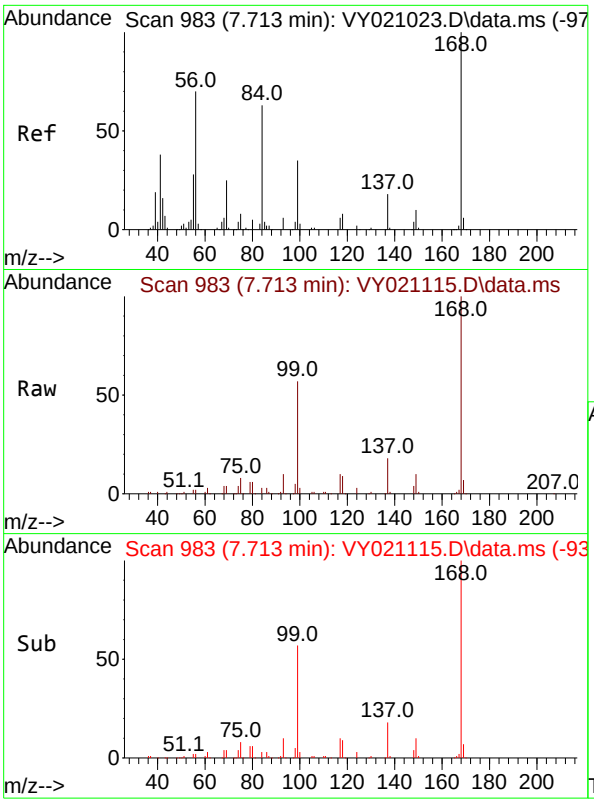
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021115.D
Acq On : 06 Feb 2025 16:45
Operator : SY/MD
Sample : Q1287-05
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-C

Quant Time: Feb 07 02:34:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



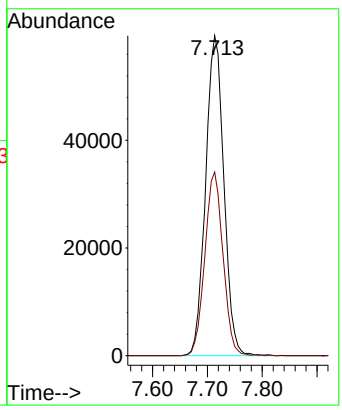


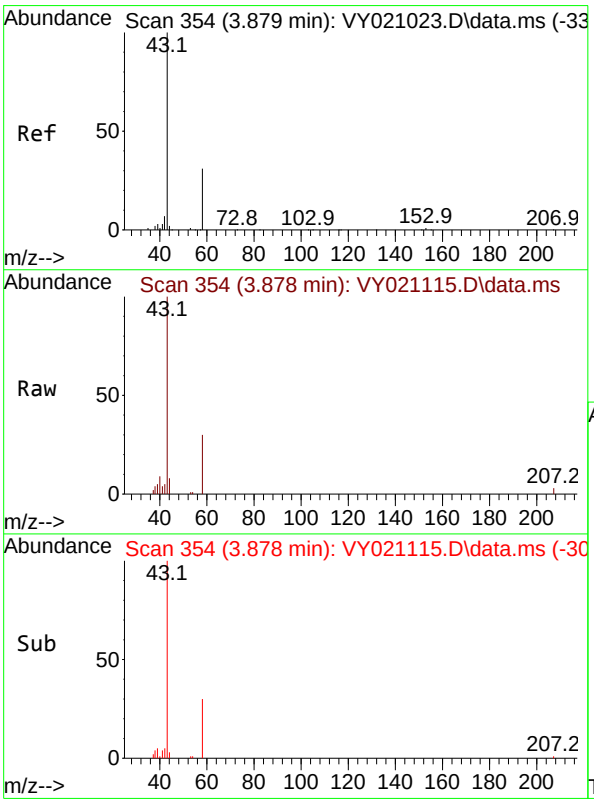
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021115.D
Acq: 06 Feb 2025 16:45

Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-C

Tgt Ion:168 Resp: 137136

Ion	Ratio	Lower	Upper
168	100		
99	57.4	44.2	66.4

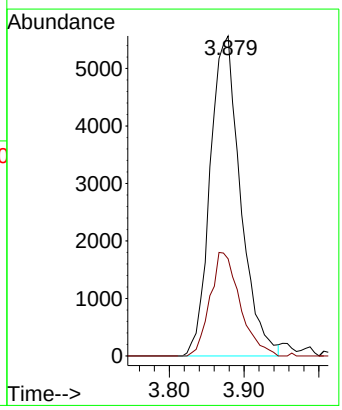


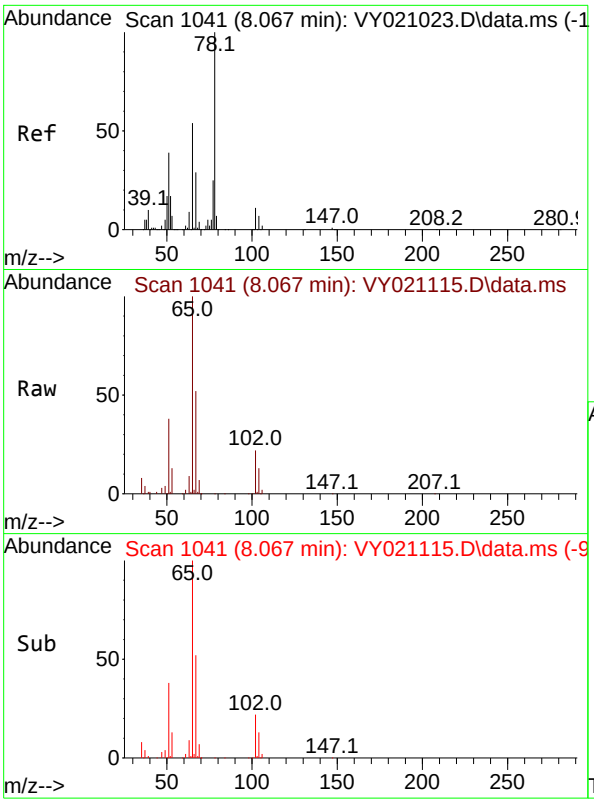


#16
Acetone
Concen: 71.596 ug/l
RT: 3.878 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021115.D
Acq: 06 Feb 2025 16:45

Tgt Ion: 43 Resp: 15688

Ion	Ratio	Lower	Upper
43	100		
58	30.3	26.6	39.8



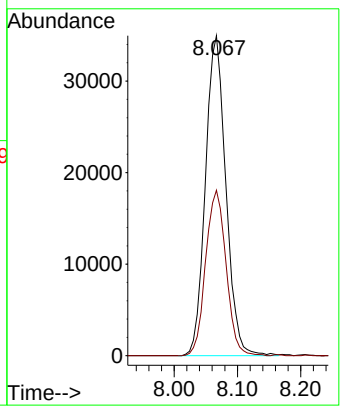


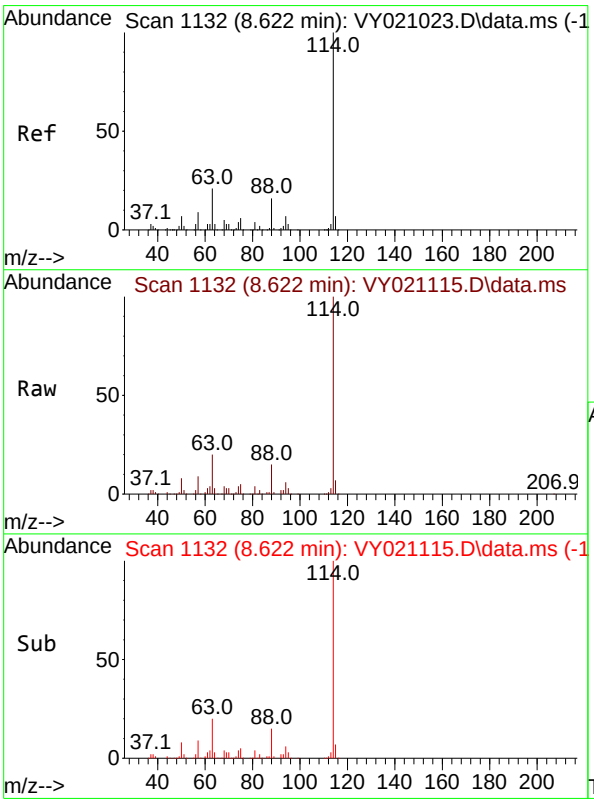
#33
1,2-Dichloroethane-d4
Concen: 55.891 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021115.D
Acq: 06 Feb 2025 16:45

Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-C

Tgt Ion: 65 Resp: 78531

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	109.0

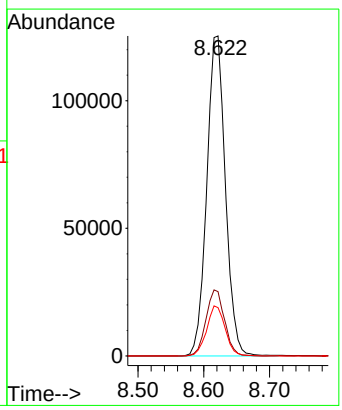


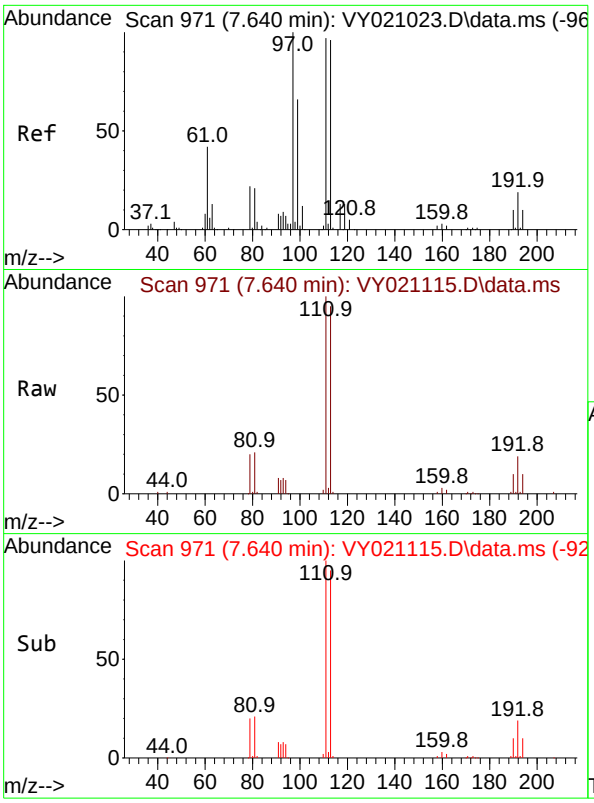


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021115.D
Acq: 06 Feb 2025 16:45

Tgt Ion:114 Resp: 247258

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	37.4
88	15.1	0.0	29.0



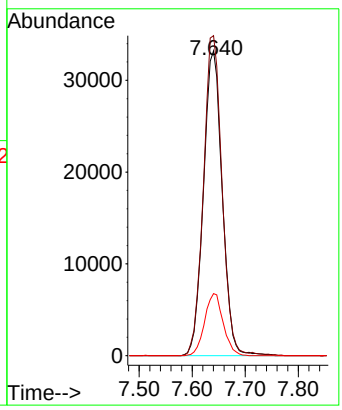


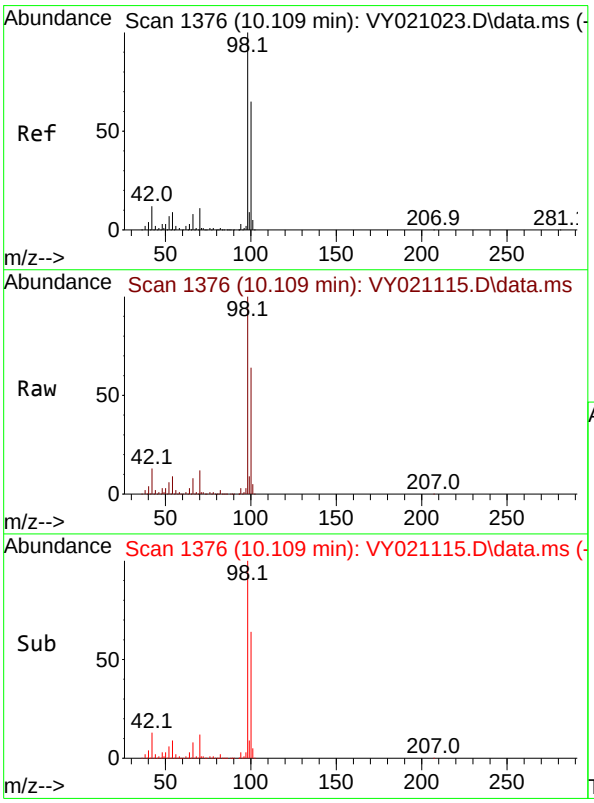
#35
Dibromofluoromethane
Concen: 51.450 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021115.D
Acq: 06 Feb 2025 16:45

Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-C

Tgt Ion:113 Resp: 81527

Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.8	125.6
192	20.2	14.5	21.7

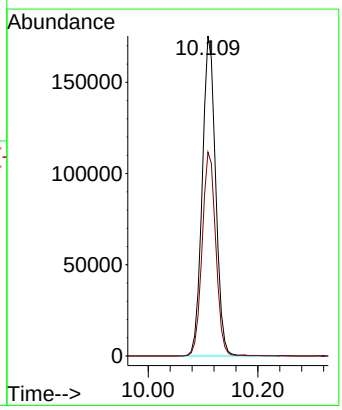


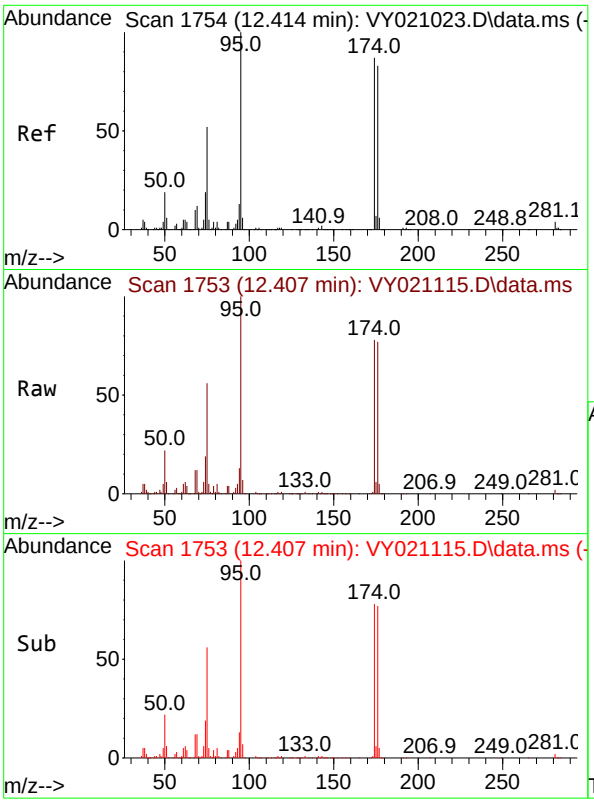


#50
Toluene-d8
Concen: 49.162 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021115.D
Acq: 06 Feb 2025 16:45

Tgt Ion: 98 Resp: 296579

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.3	78.5



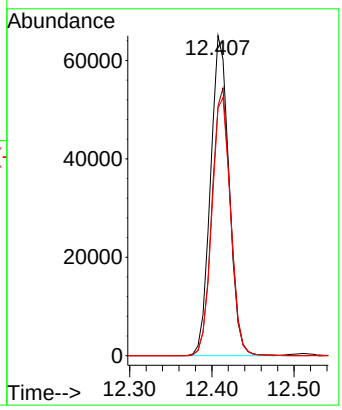


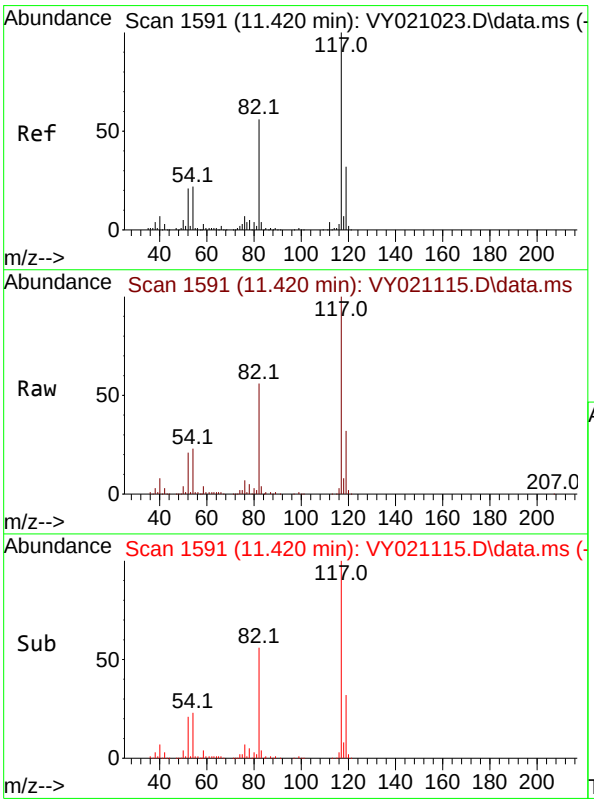
#62
4-Bromofluorobenzene
Concen: 51.660 ug/l
RT: 12.407 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021115.D
Acq: 06 Feb 2025 16:45

Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-C

Tgt Ion: 95 Resp: 101814

Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	160.0
176	81.3	0.0	151.8

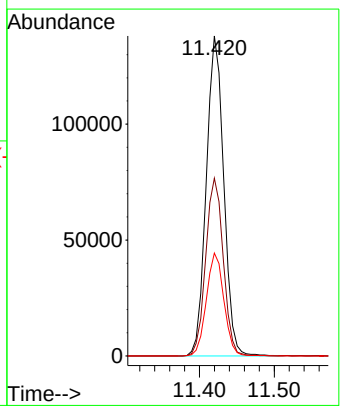


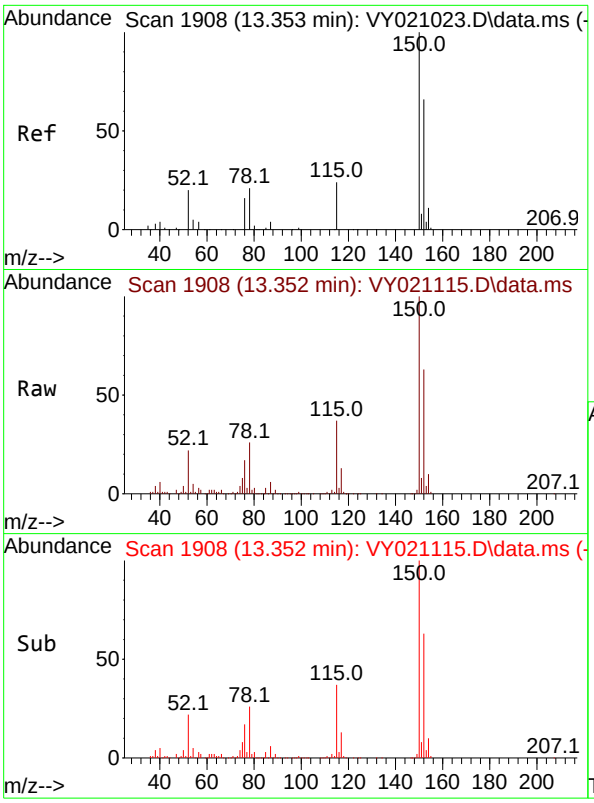


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021115.D
Acq: 06 Feb 2025 16:45

Tgt Ion:117 Resp: 223772

Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.8	65.8
119	32.1	26.5	39.7



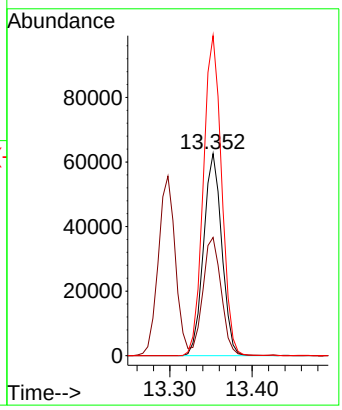


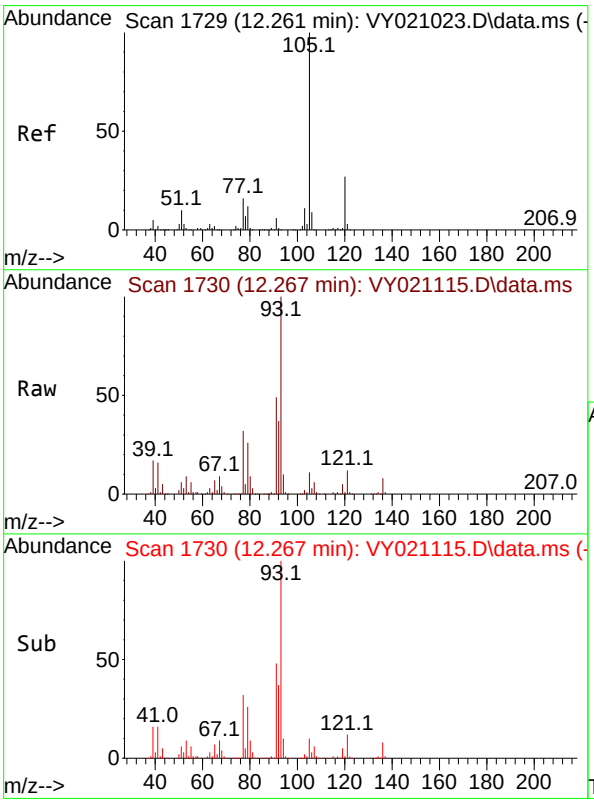
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021115.D
Acq: 06 Feb 2025 16:45

Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-C

Tgt Ion:152 Resp: 96231

Ion	Ratio	Lower	Upper
152	100		
115	58.8	30.0	90.0
150	159.0	0.0	344.6

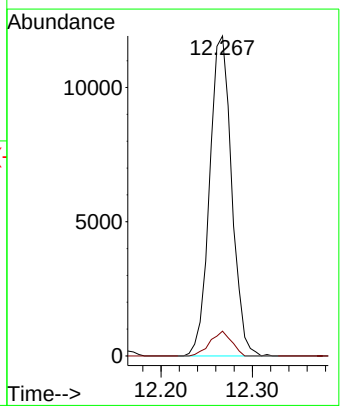


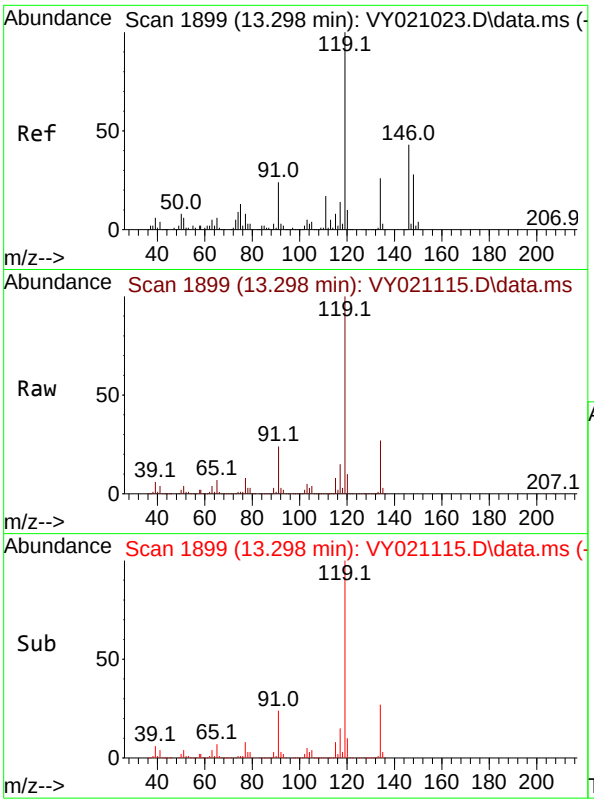


#73
Isopropylbenzene
Concen: 2.654 ug/l
RT: 12.267 min Scan# 1730
Delta R.T. 0.006 min
Lab File: VY021115.D
Acq: 06 Feb 2025 16:45

Tgt Ion:105 Resp: 19949

Ion	Ratio	Lower	Upper
105	100		
120	7.5	13.0	39.0#



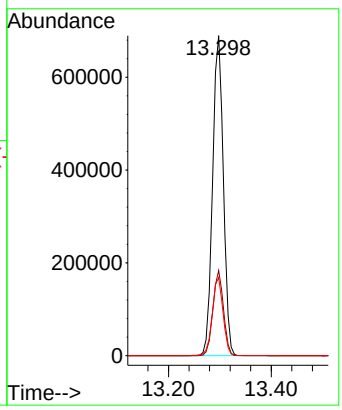


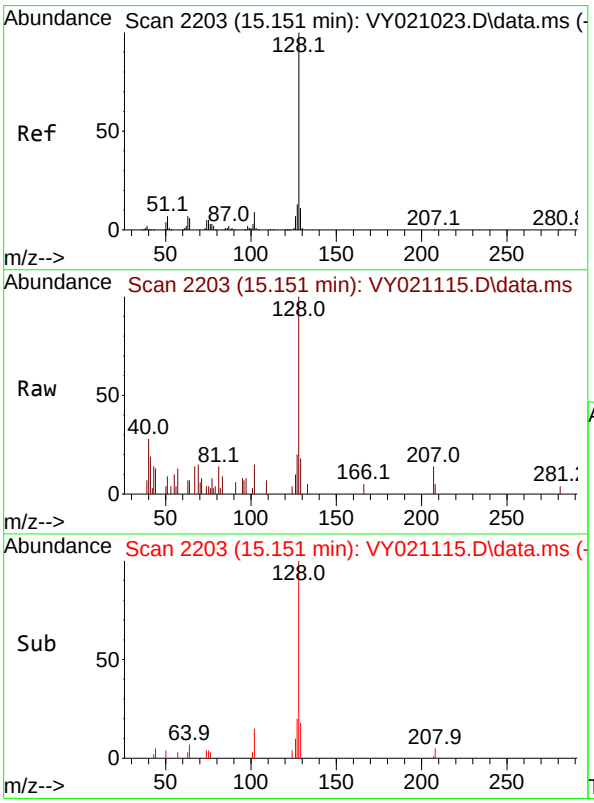
#86
p-Isopropyltoluene
Concen: 151.225 ug/l
RT: 13.298 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021115.D
Acq: 06 Feb 2025 16:45

Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-C

Tgt Ion:119 Resp: 1001714

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	24.5	11.7	35.0





#95
Naphthalene
Concen: 1.278 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: VY021115.D
Acq: 06 Feb 2025 16:45

Tgt Ion:128 Resp: 3309

Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.2	15.4
129	11.5	8.6	12.8