Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021109.D
Acq On : 06 Feb 2025 14:24
Operator : SY/MD
Sample : Q1280-01
Misc : 4.72g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11984

Quant Time: Feb 07 02:31:56 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	157777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	282095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	251204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	104609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	86938	53.780	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.560%			
35) Dibromofluoromethane	7.640	113	91018	50.346	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.700%			
50) Toluene-d8	10.109	98	339237	49.289	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.580%			
62) 4-Bromofluorobenzene	12.408	95	107222	47.686	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.380%			
Target Compounds						Qvalue
16) Acetone	3.879	43	2995	11.880	ug/l #	83
68) m/p-Xylenes	11.627	106	3782	1.022	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	15335	2.315	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	35625	5.499	ug/l	100

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

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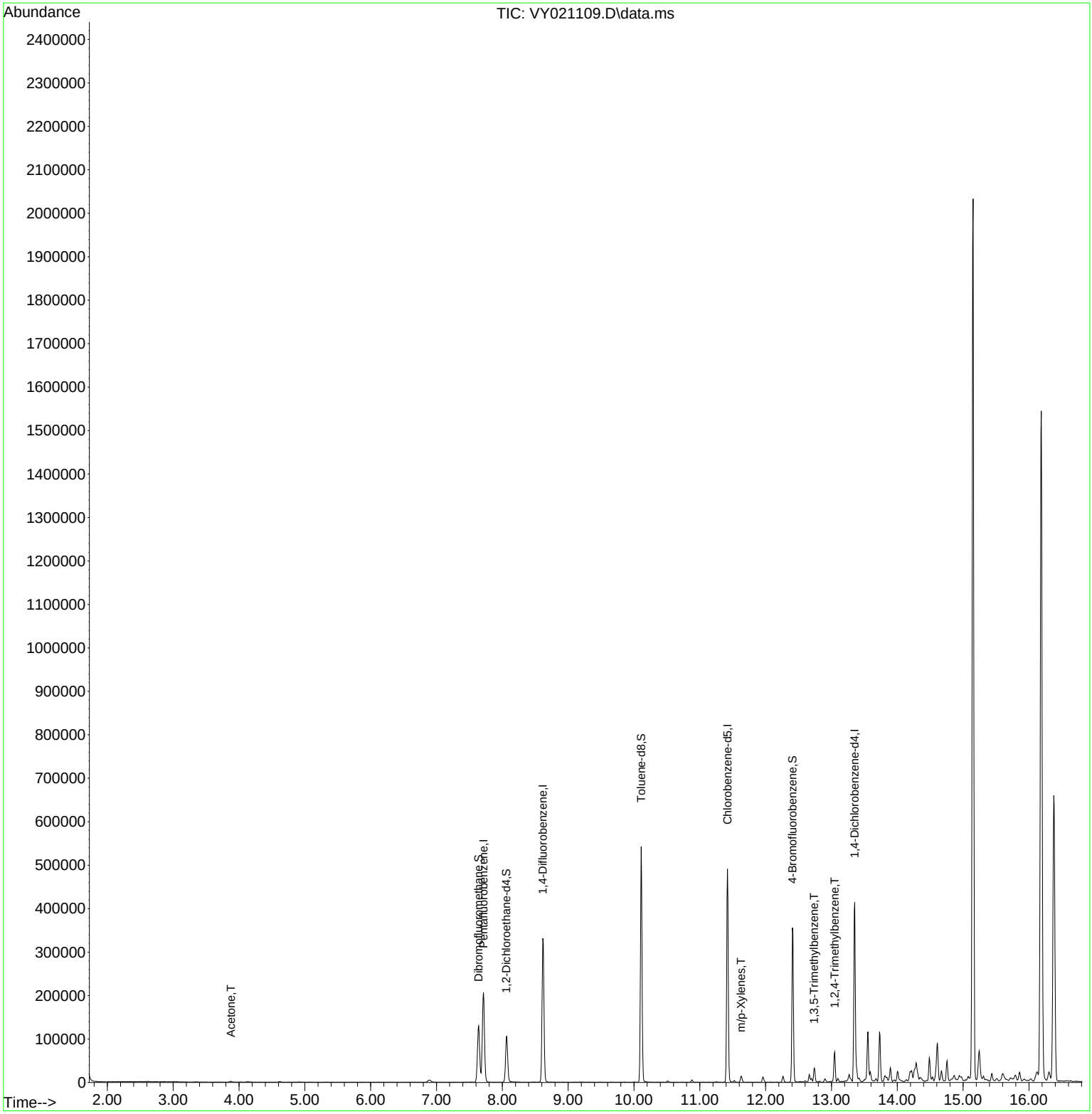
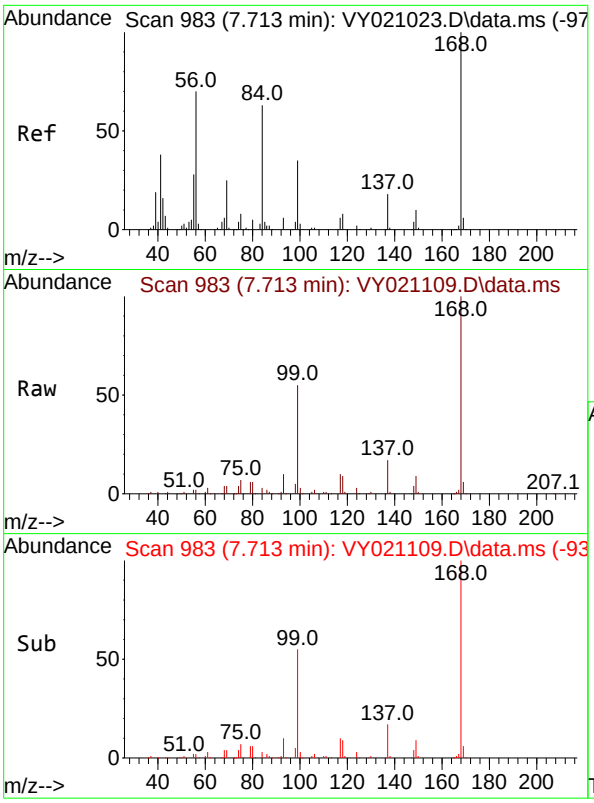


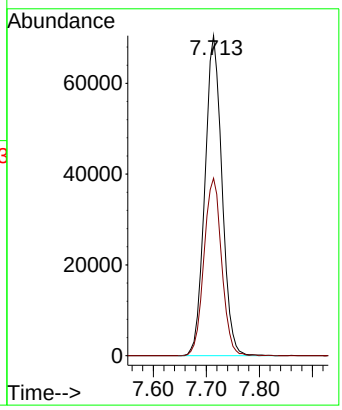


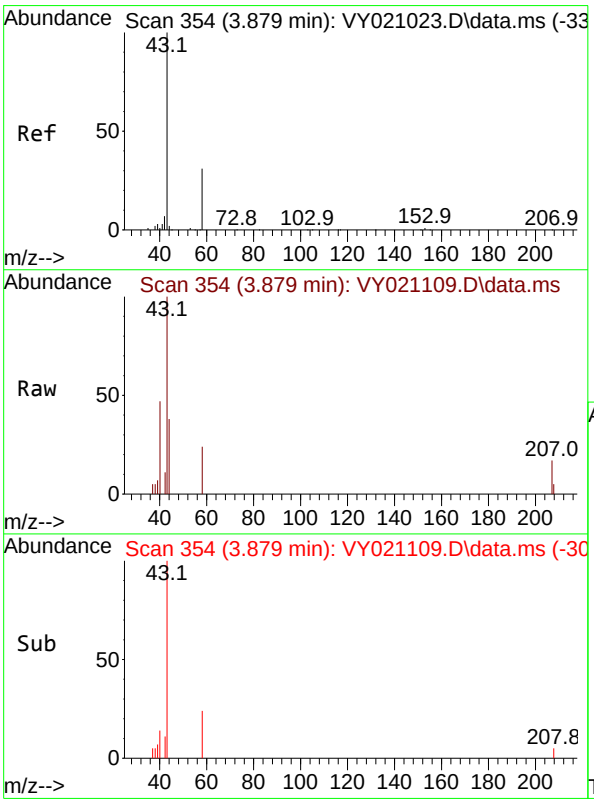
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021109.D
Acq: 06 Feb 2025 14:24

Instrument :
MSVOA_Y
ClientSampleId :
72-11984

Tgt Ion:168 Resp: 157777

Ion	Ratio	Lower	Upper
168	100		
99	55.5	44.2	66.4

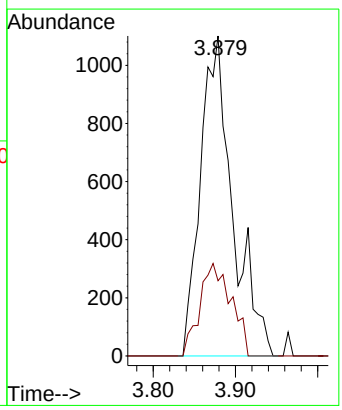


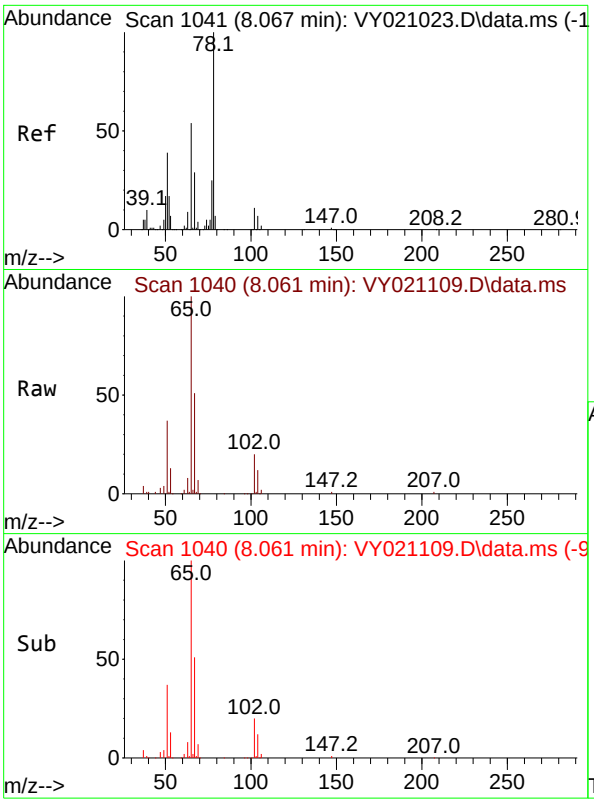


#16
Acetone
Concen: 11.880 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021109.D
Acq: 06 Feb 2025 14:24

Tgt Ion: 43 Resp: 2995

Ion	Ratio	Lower	Upper
43	100		
58	23.5	26.6	39.8#



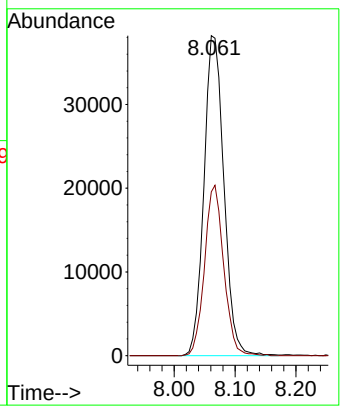


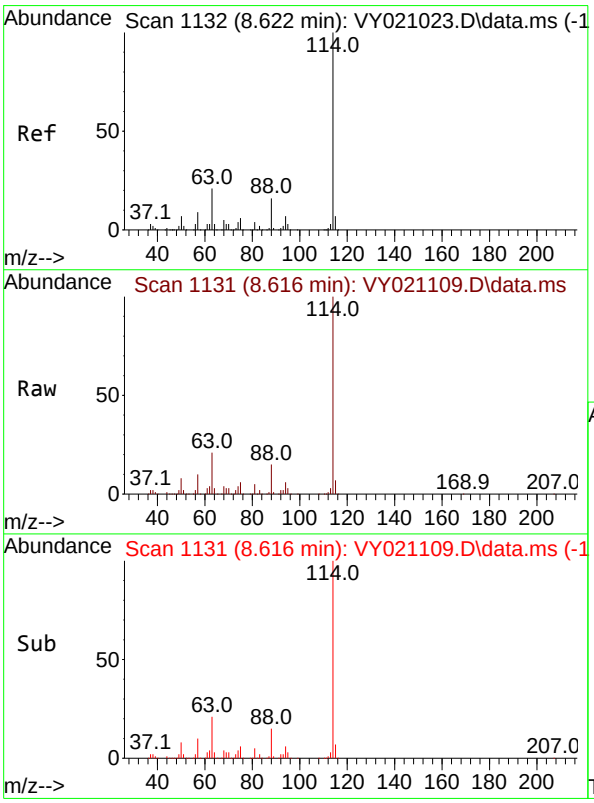
#33
1,2-Dichloroethane-d4
Concen: 53.780 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021109.D
Acq: 06 Feb 2025 14:24

Instrument :
MSVOA_Y
ClientSampleId :
72-11984

Tgt Ion: 65 Resp: 86938

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	109.0

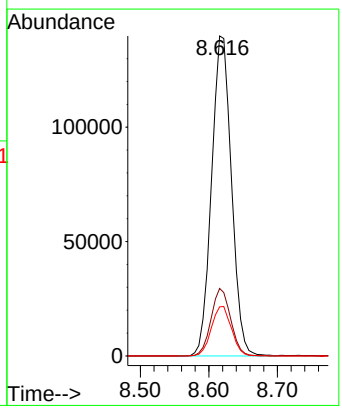


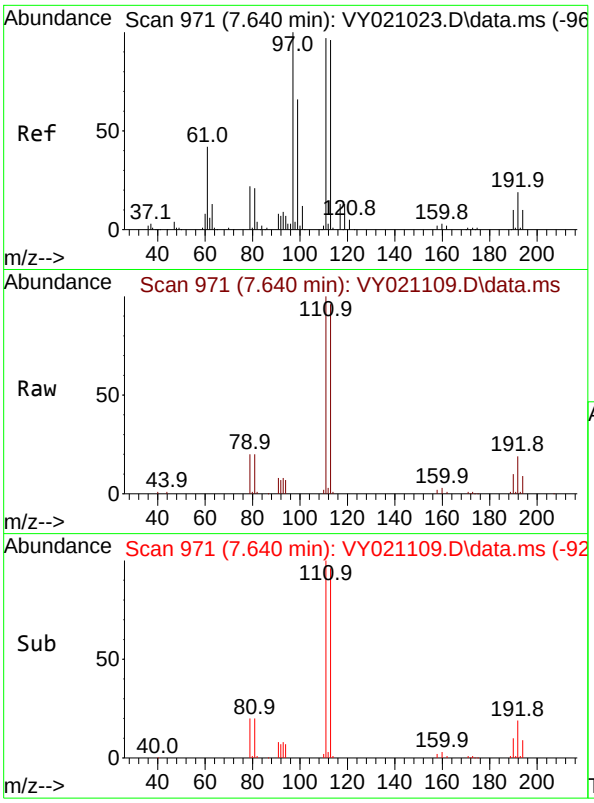


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021109.D
Acq: 06 Feb 2025 14:24

Tgt Ion:114 Resp: 282095

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	37.4
88	15.4	0.0	29.0



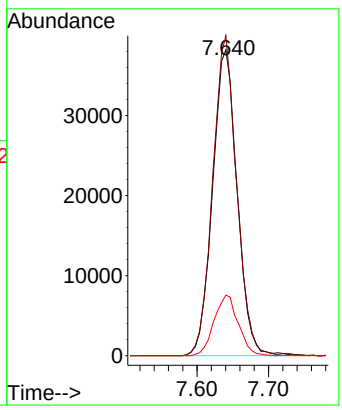


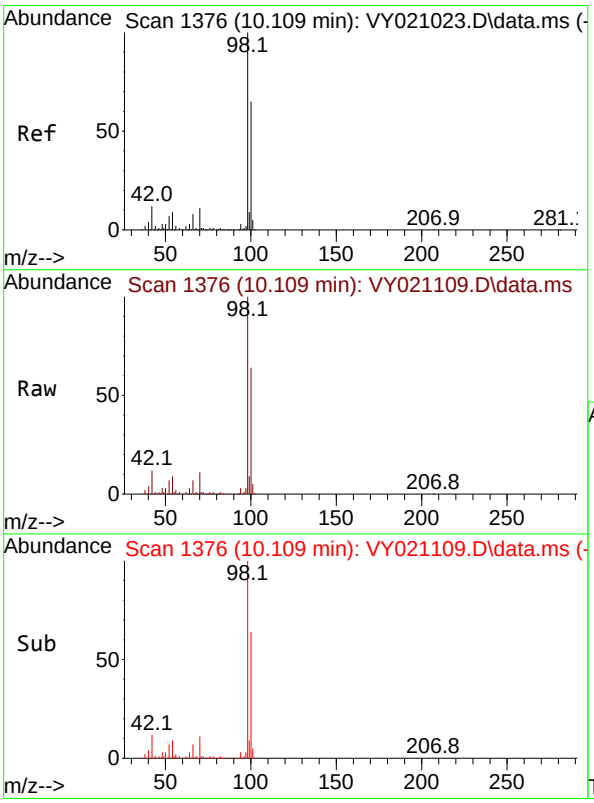
#35
Dibromofluoromethane
Concen: 50.346 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021109.D
Acq: 06 Feb 2025 14:24

Instrument :
MSVOA_Y
ClientSampleId :
72-11984

Tgt Ion:113 Resp: 91018

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.8	125.6
192	19.5	14.5	21.7

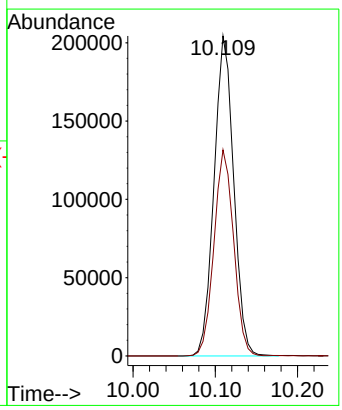


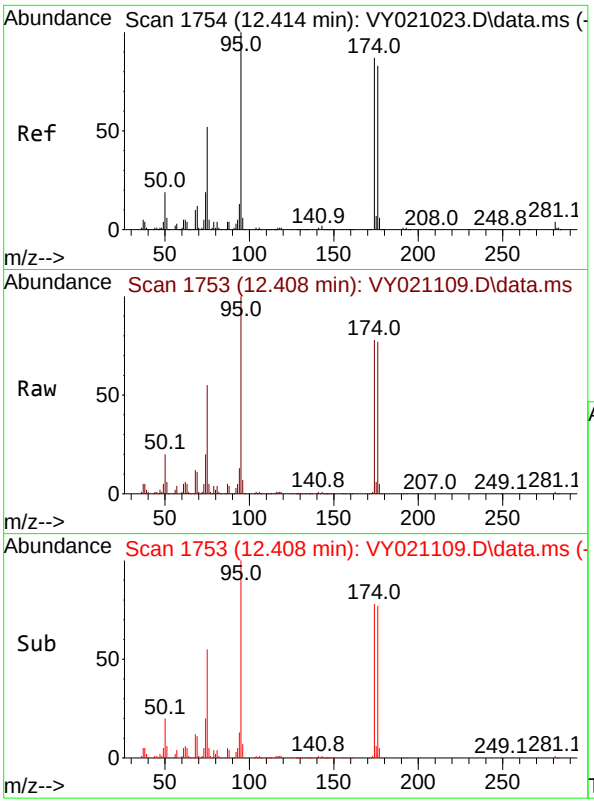


#50
Toluene-d8
Concen: 49.289 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021109.D
Acq: 06 Feb 2025 14:24

Tgt Ion: 98 Resp: 339237

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.3	78.5



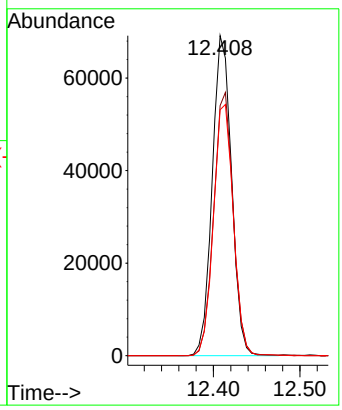


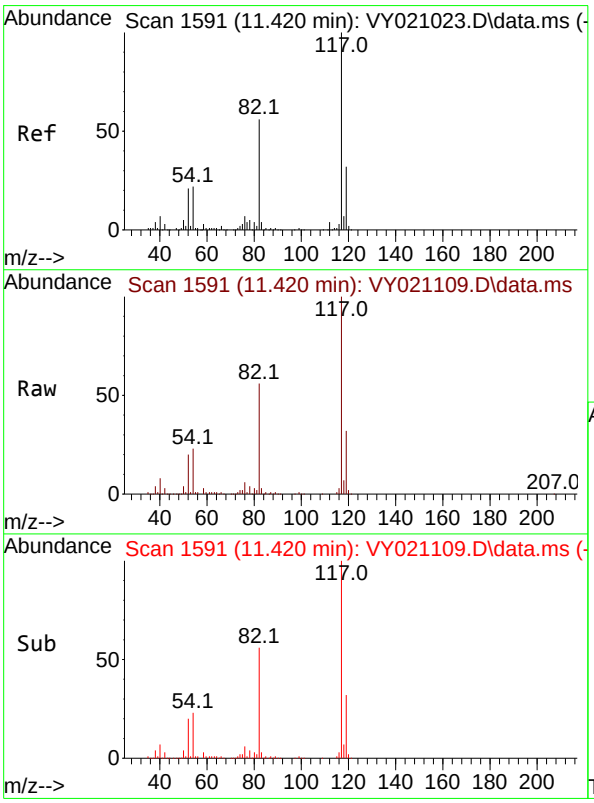
#62
4-Bromofluorobenzene
Concen: 47.686 ug/l
RT: 12.408 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021109.D
Acq: 06 Feb 2025 14:24

Instrument :
MSVOA_Y
ClientSampleId :
72-11984

Tgt Ion: 95 Resp: 107222

Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	160.0
176	80.9	0.0	151.8

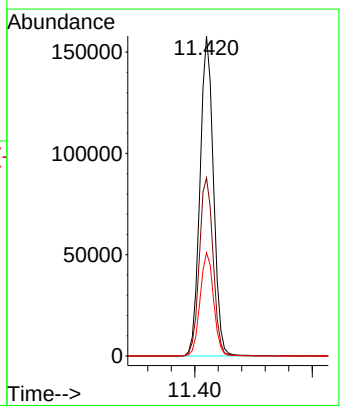


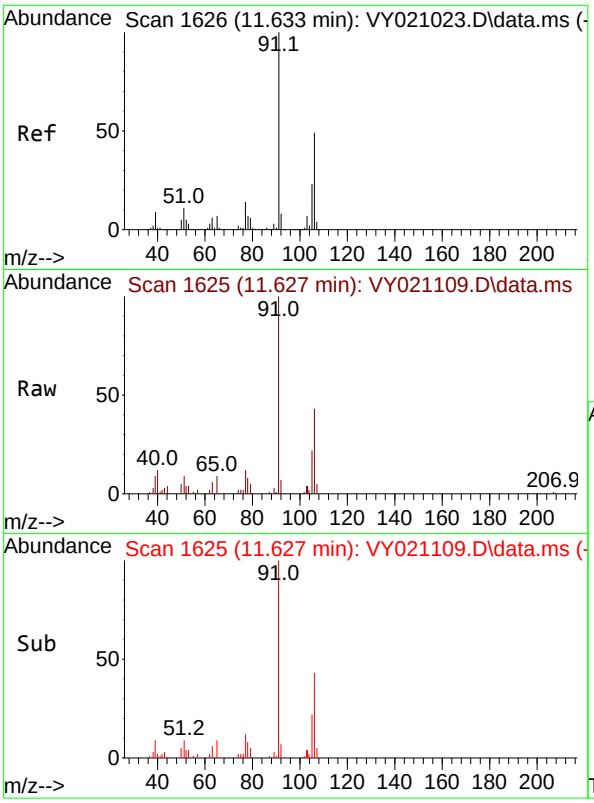


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021109.D
Acq: 06 Feb 2025 14:24

Tgt Ion:117 Resp: 251204

Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.8	65.8
119	32.2	26.5	39.7



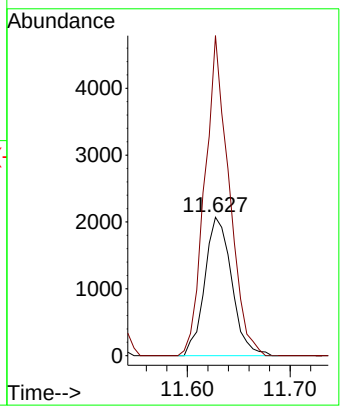


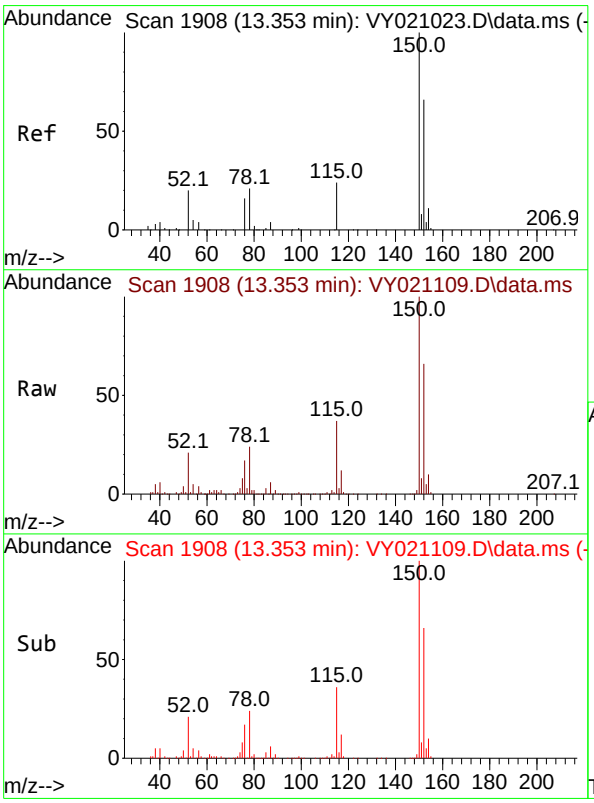
#68
m/p-Xylenes
Concen: 1.022 ug/l
RT: 11.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021109.D
Acq: 06 Feb 2025 14:24

Instrument :
MSVOA_Y
ClientSampleId :
72-11984

Tgt Ion:106 Resp: 3782

Ion	Ratio	Lower	Upper
106	100		
91	207.8	160.7	241.1

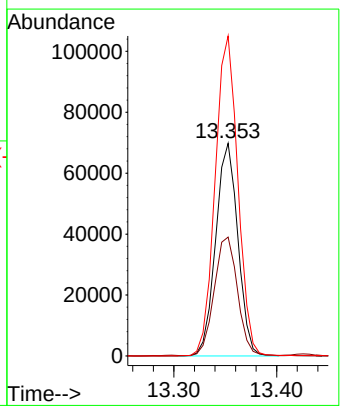


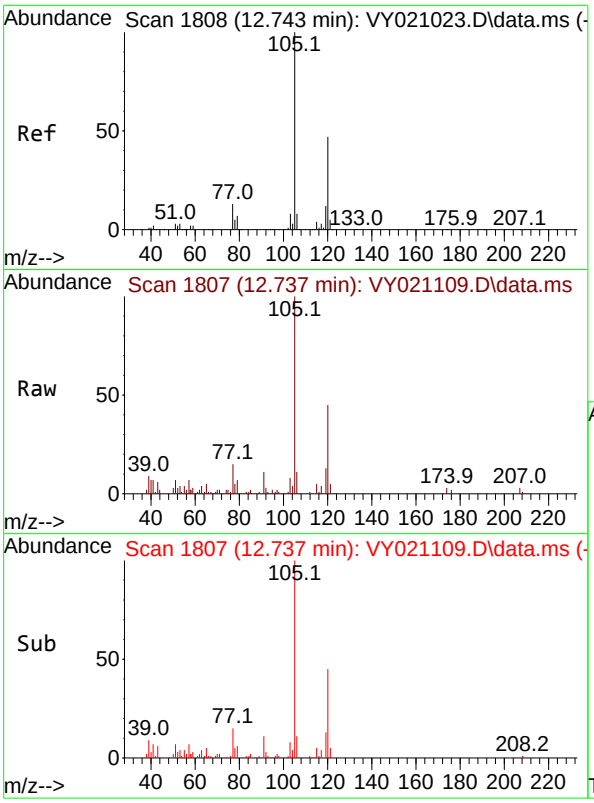


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021109.D
Acq: 06 Feb 2025 14:24

Tgt Ion:152 Resp: 104609

Ion	Ratio	Lower	Upper
152	100		
115	58.3	30.0	90.0
150	153.8	0.0	344.6



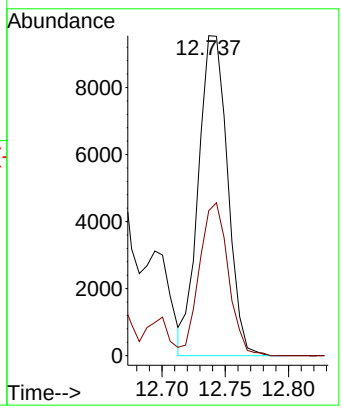


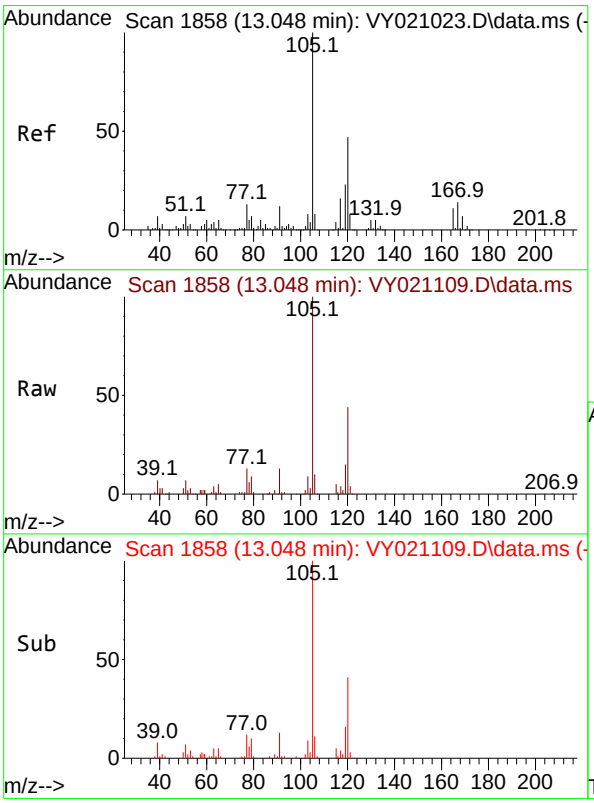
#80
1,3,5-Trimethylbenzene
Concen: 2.315 ug/l
RT: 12.737 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021109.D
Acq: 06 Feb 2025 14:24

Instrument :
MSVOA_Y
ClientSampleId :
72-11984

Tgt Ion:105 Resp: 15335

Ion	Ratio	Lower	Upper
105	100		
120	47.3	24.3	72.8





#84
1,2,4-Trimethylbenzene
Concen: 5.499 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY021109.D
Acq: 06 Feb 2025 14:24

Tgt Ion:105 Resp: 35625

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.3