Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021114.D
Acq On : 06 Feb 2025 16:21
Operator : SY/MD
Sample : Q1287-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-B

Quant Time: Feb 07 05:04:18 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	21521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	27772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	16662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	3550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	6131	27.805	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 55.600%			
35) Dibromofluoromethane	7.640	113	8314	46.713	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.420%			
50) Toluene-d8	10.109	98	29456	43.472	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 86.940%			
62) 4-Bromofluorobenzene	12.407	95	4835	21.842	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 43.680%			
Target Compounds						Qvalue
16) Acetone	3.872	43	1662	48.333	ug/l #	86
73) Isopropylbenzene	12.261	105	2701	9.740	ug/l #	65
86) p-Isopropyltoluene	13.298	119	23114	94.589	ug/l	95
95) Naphthalene	15.157	128	637	6.670	ug/l #	83

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

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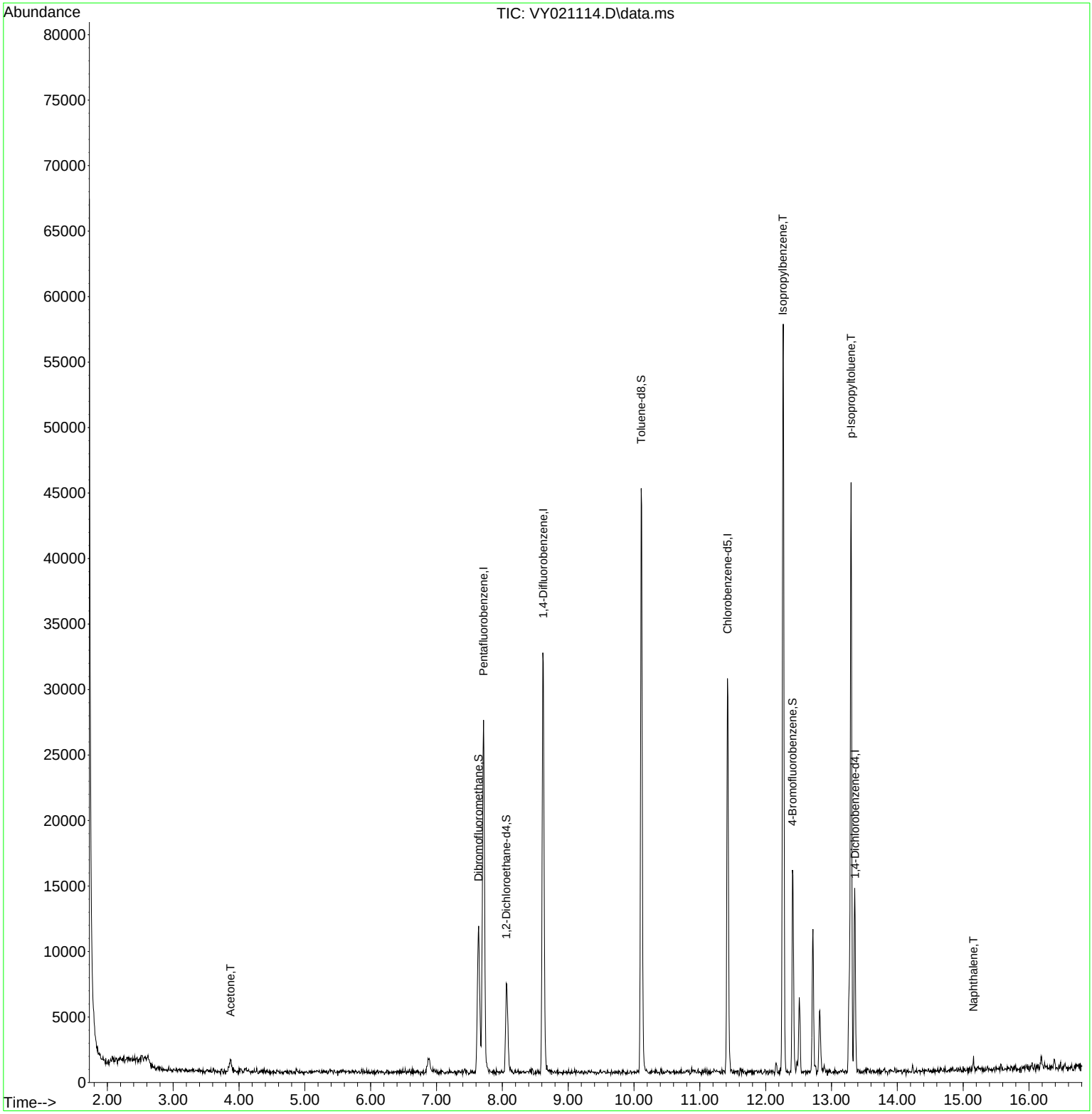
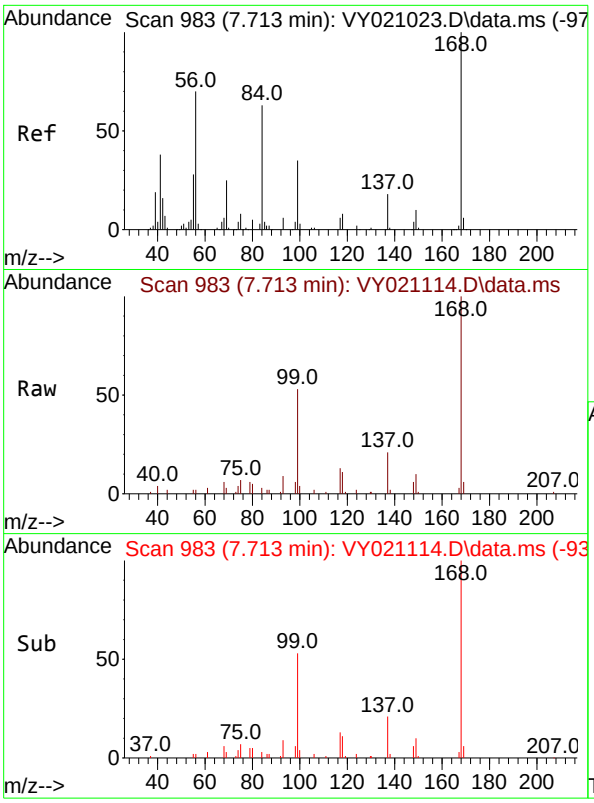


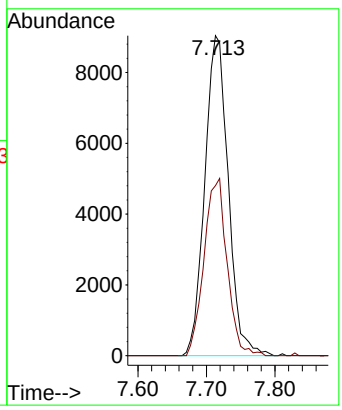


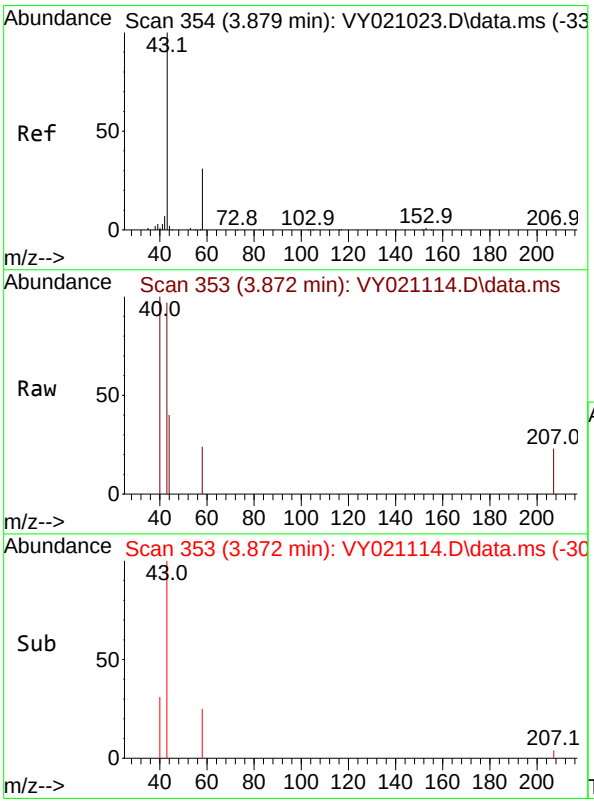
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021114.D
Acq: 06 Feb 2025 16:21

Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-B

Tgt Ion:168 Resp: 21521

Ion	Ratio	Lower	Upper
168	100		
99	53.1	44.2	66.4

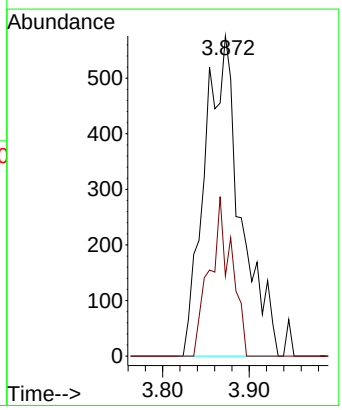


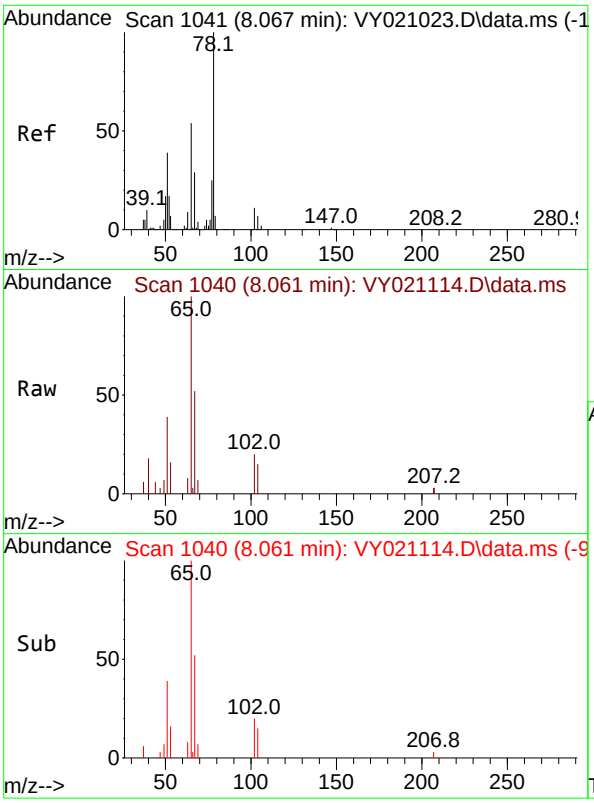


#16
Acetone
Concen: 48.333 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021114.D
Acq: 06 Feb 2025 16:21

Tgt Ion: 43 Resp: 1662

Ion	Ratio	Lower	Upper
43	100		
58	25.0	26.6	39.8#



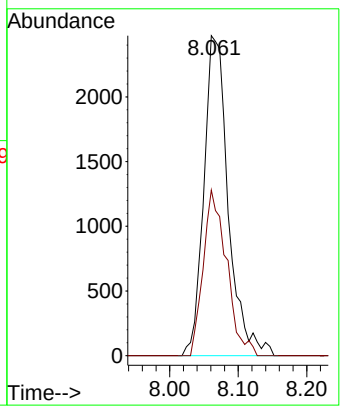


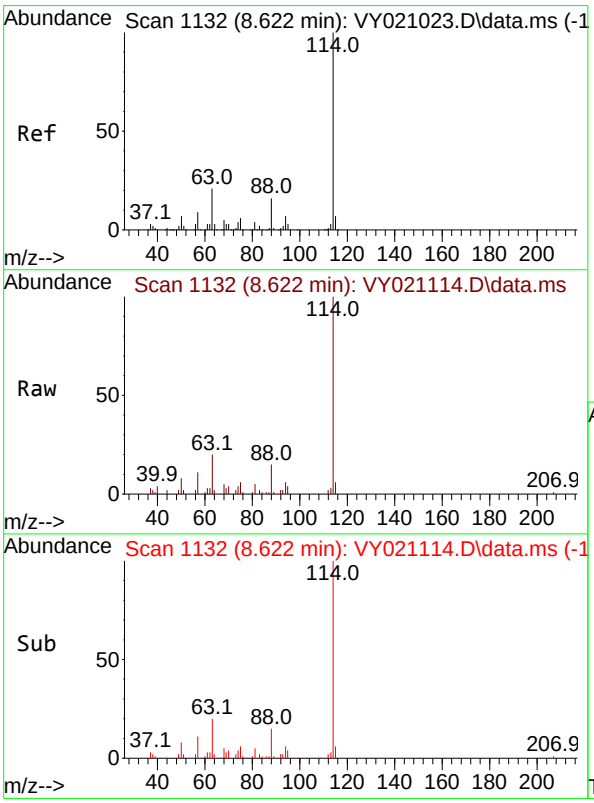
#33
1,2-Dichloroethane-d4
Concen: 27.805 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021114.D
Acq: 06 Feb 2025 16:21

Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-B

Tgt Ion: 65 Resp: 6131

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	109.0

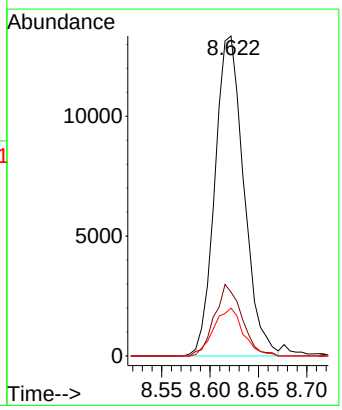


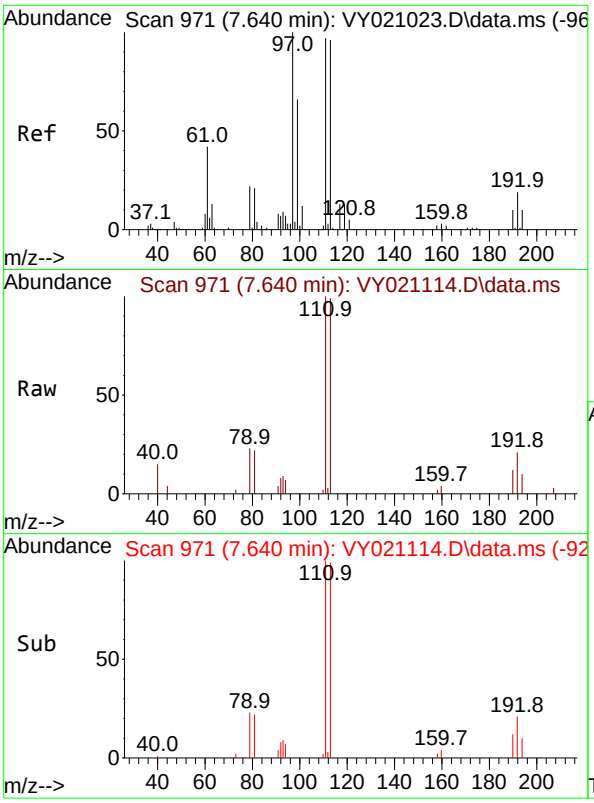


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021114.D
Acq: 06 Feb 2025 16:21

Tgt Ion:114 Resp: 27772

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	37.4
88	15.0	0.0	29.0



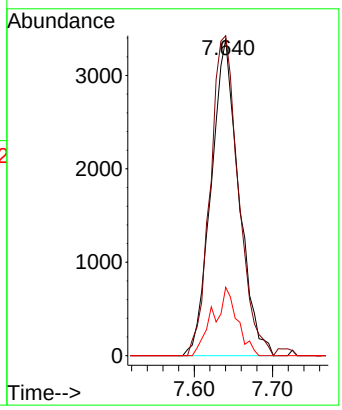


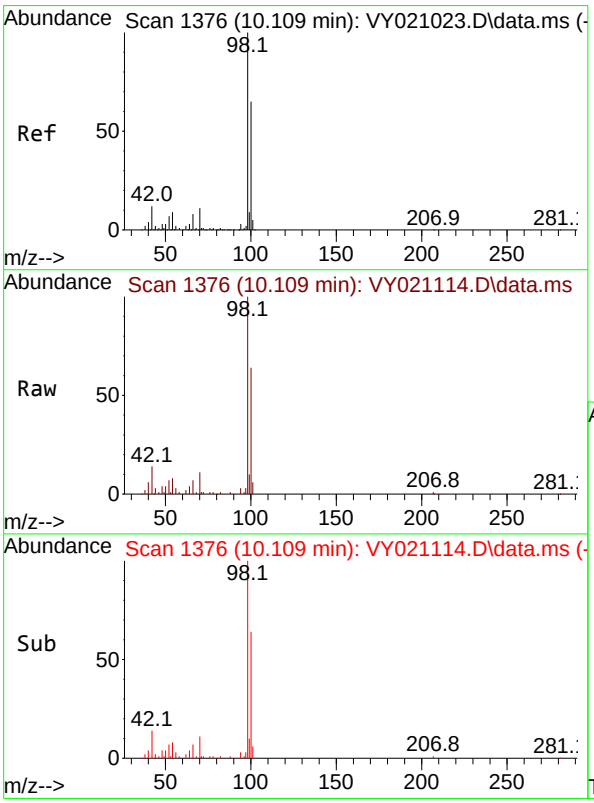
#35
Dibromofluoromethane
Concen: 46.713 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021114.D
Acq: 06 Feb 2025 16:21

Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-B

Tgt Ion:113 Resp: 8314

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.8	125.6
192	19.0	14.5	21.7

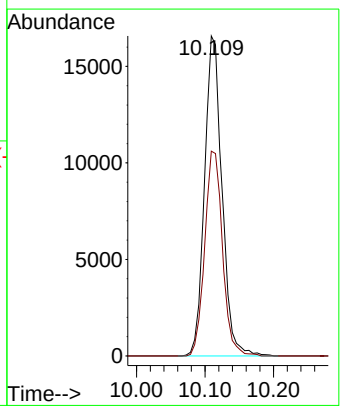


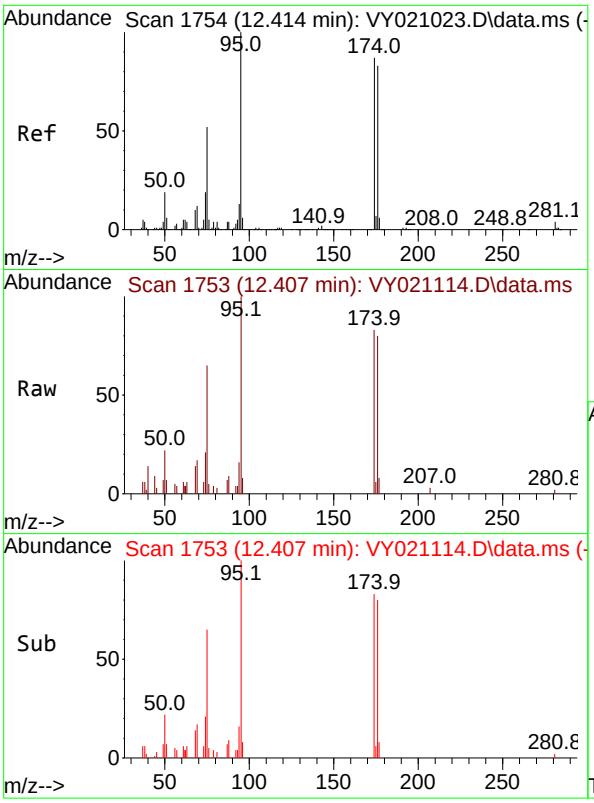


#50
Toluene-d8
Concen: 43.472 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021114.D
Acq: 06 Feb 2025 16:21

Tgt Ion: 98 Resp: 29456

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.3	78.5



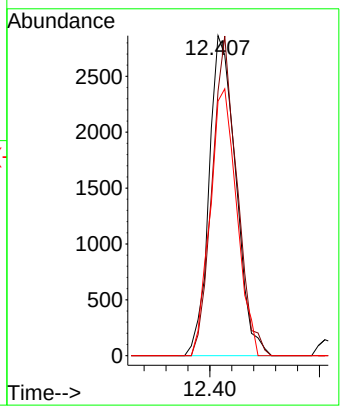


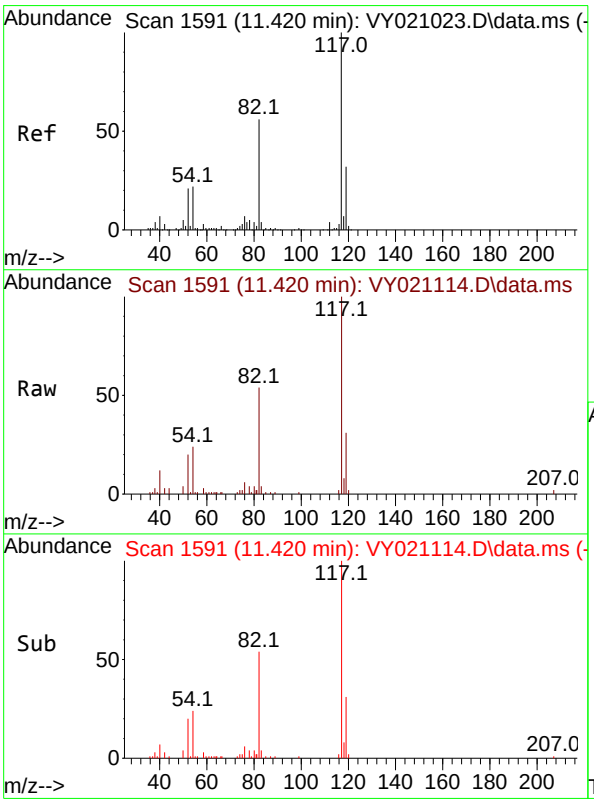
#62
4-Bromofluorobenzene
Concen: 21.842 ug/l
RT: 12.407 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021114.D
Acq: 06 Feb 2025 16:21

Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-B

Tgt Ion: 95 Resp: 4835

Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	160.0
176	83.2	0.0	151.8

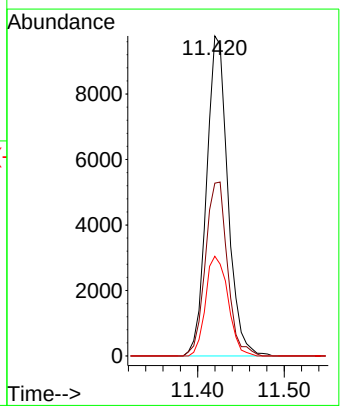


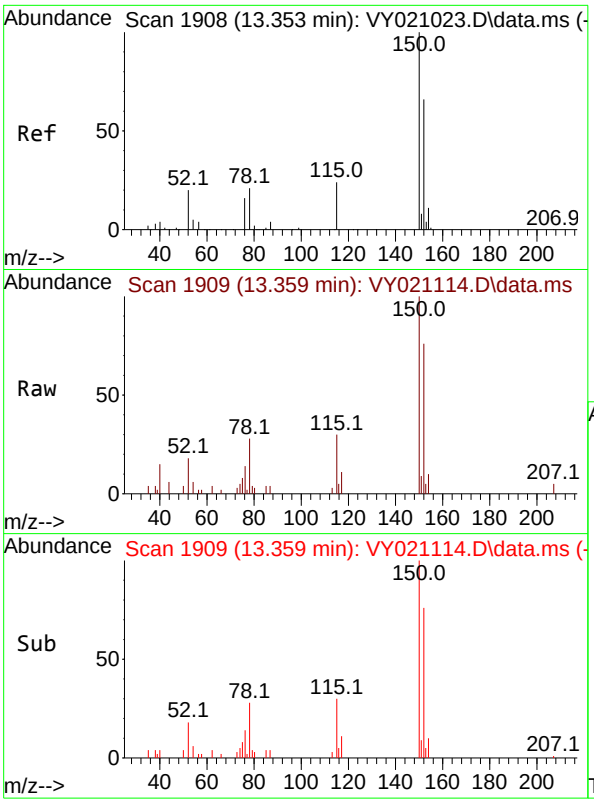


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021114.D
Acq: 06 Feb 2025 16:21

Tgt Ion:117 Resp: 16662

Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.8	65.8
119	31.1	26.5	39.7



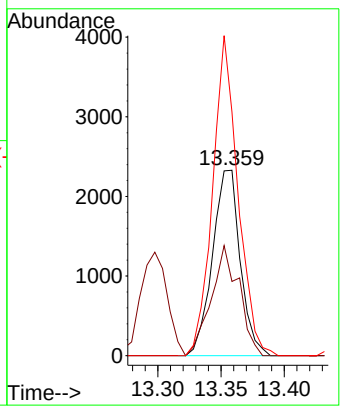


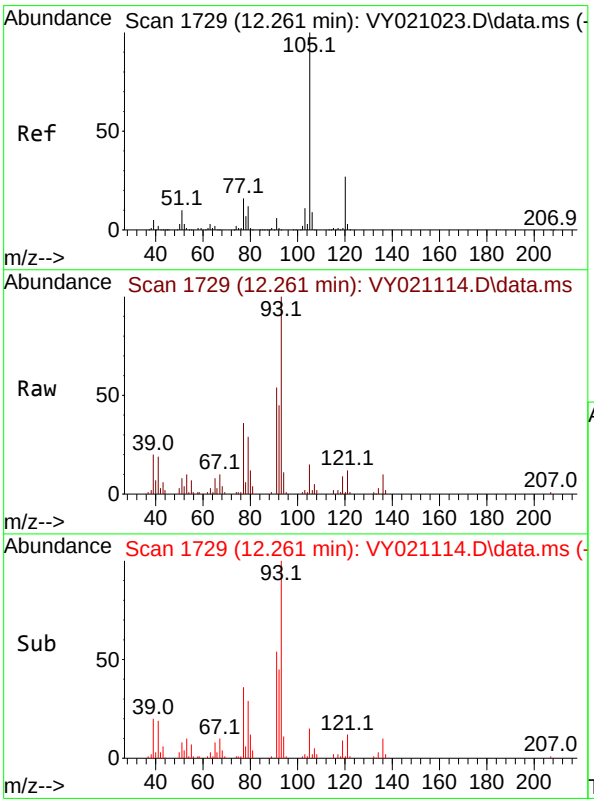
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021114.D
Acq: 06 Feb 2025 16:21

Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-B

Tgt Ion:152 Resp: 3550

Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.0	90.0
150	156.8	0.0	344.6

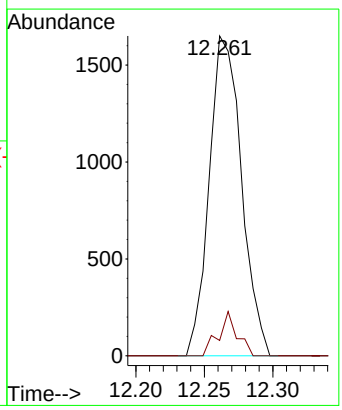


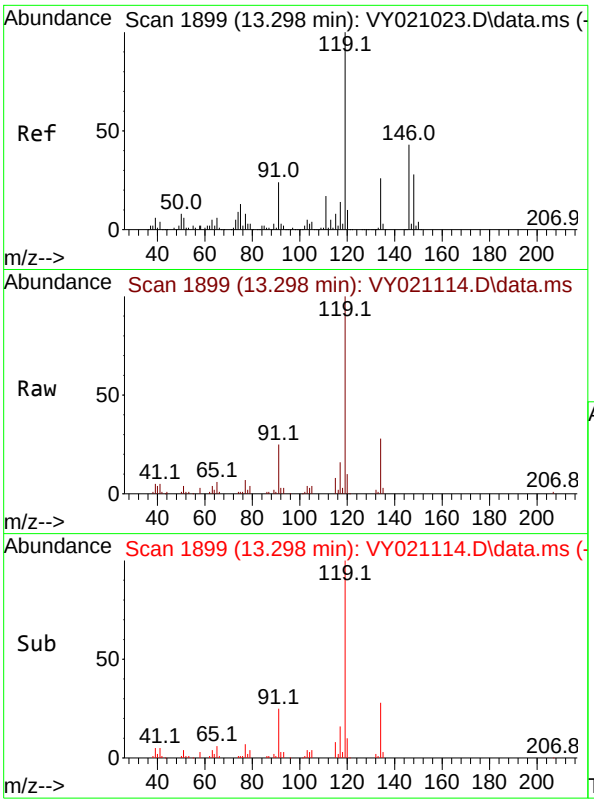


#73
Isopropylbenzene
Concen: 9.740 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.000 min
Lab File: VY021114.D
Acq: 06 Feb 2025 16:21

Tgt Ion:105 Resp: 2701

Ion	Ratio	Lower	Upper
105	100		
120	8.0	13.0	39.0#



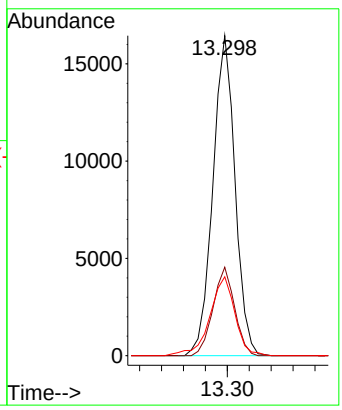


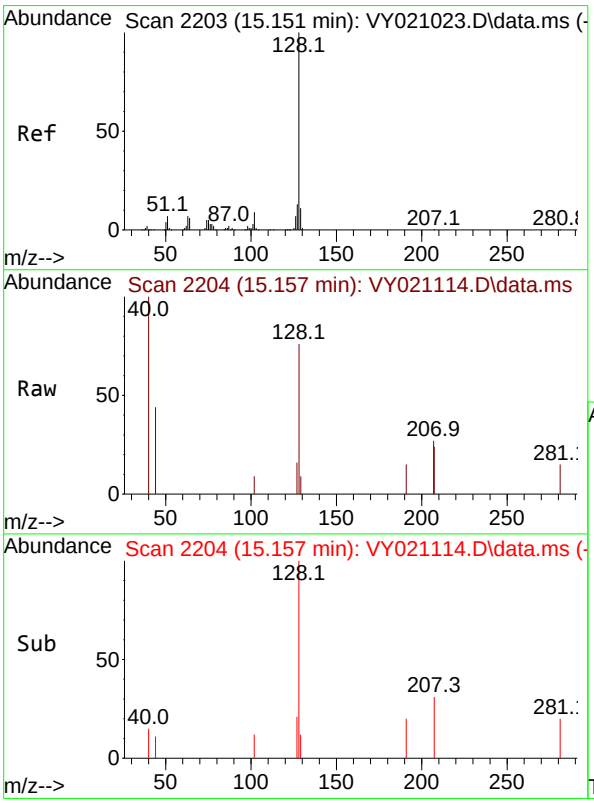
#86
p-Isopropyltoluene
Concen: 94.589 ug/l
RT: 13.298 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021114.D
Acq: 06 Feb 2025 16:21

Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-B

Tgt Ion:119 Resp: 23114

Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.1	39.1
91	28.0	11.7	35.0





#95
Naphthalene
Concen: 6.670 ug/l
RT: 15.157 min Scan# 2204
Delta R.T. 0.006 min
Lab File: VY021114.D
Acq: 06 Feb 2025 16:21

Tgt Ion:128 Resp: 637

Ion	Ratio	Lower	Upper
128	100		
127	18.4	10.2	15.4#
129	3.0	8.6	12.8#