Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
Data File : VY021066.D
Acq On : 04 Feb 2025 18:10
Operator : SY/MD
Sample : Q1241-13
Misc : 10.03g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
JPP-5.4-013025

Quant Time: Feb 05 00:50:02 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	7.707	168	156172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	292974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	277904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	111742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	104156	65.093	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.180%			
35) Dibromofluoromethane	7.634	113	99999	53.260	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.520%			
50) Toluene-d8	10.103	98	363665	50.876	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.760%			
62) 4-Bromofluorobenzene	12.408	95	120158	51.454	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.900%			
Target Compounds						Qvalue
16) Acetone	3.866	43	3369	13.501	ug/l #	88
52) Toluene	10.170	92	42823	8.357	ug/l	100
68) m/p-Xylenes	11.621	106	6279	1.534	ug/l	89
95) Naphthalene	15.145	128	3979	1.324	ug/l	98

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

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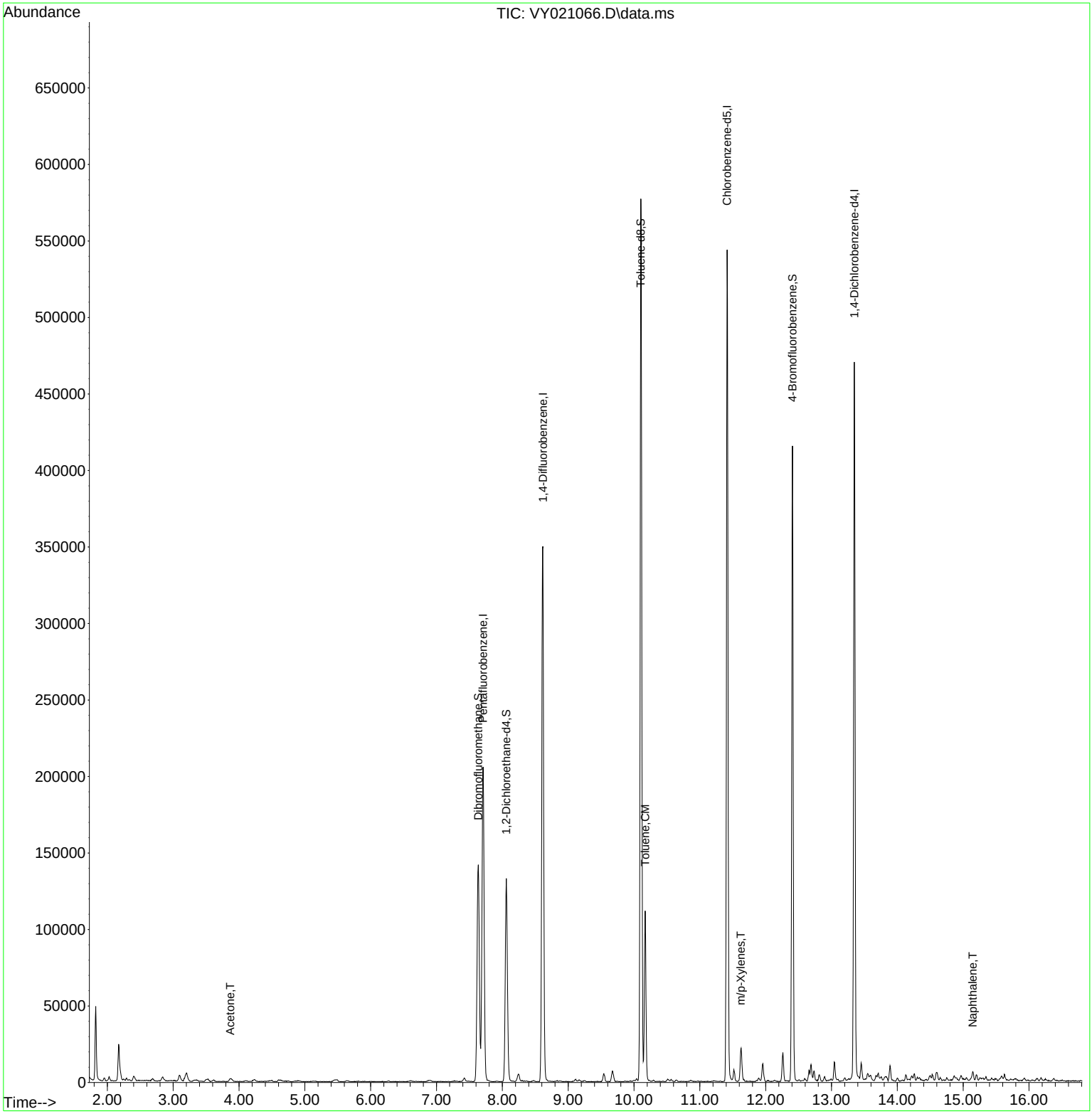
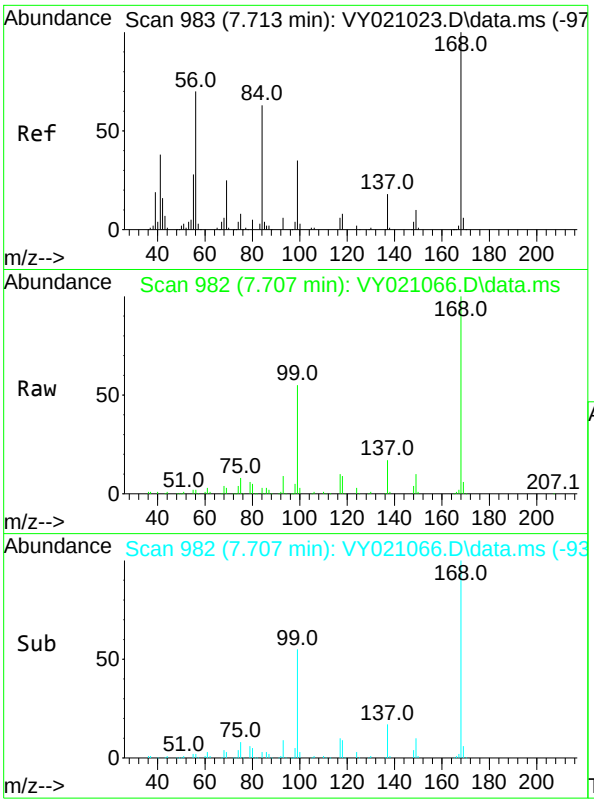


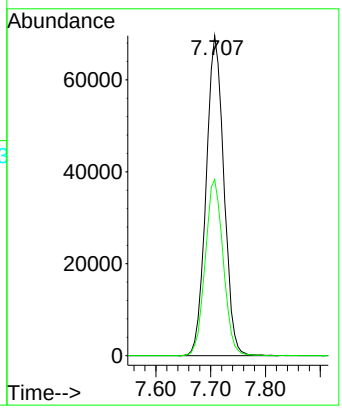


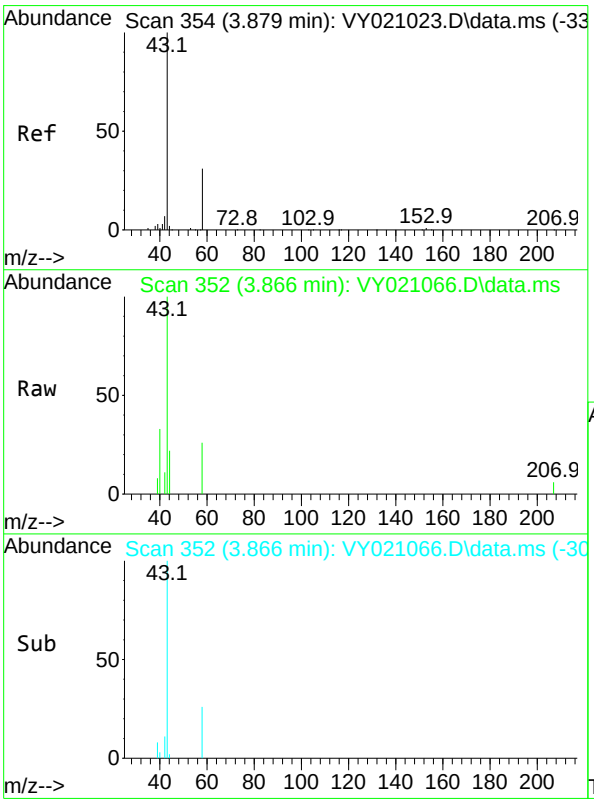
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021066.D
Acq: 04 Feb 2025 18:10

Instrument :
MSVOA_Y
ClientSampleId :
JPP-5.4-013025

Tgt Ion:168 Resp: 156172

Ion	Ratio	Lower	Upper
168	100		
99	55.1	44.2	66.4

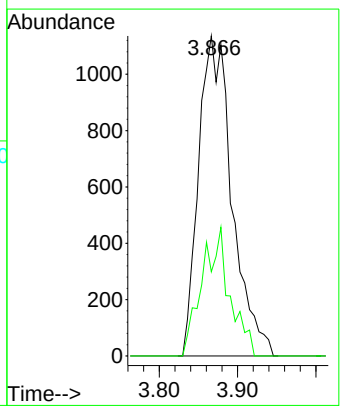


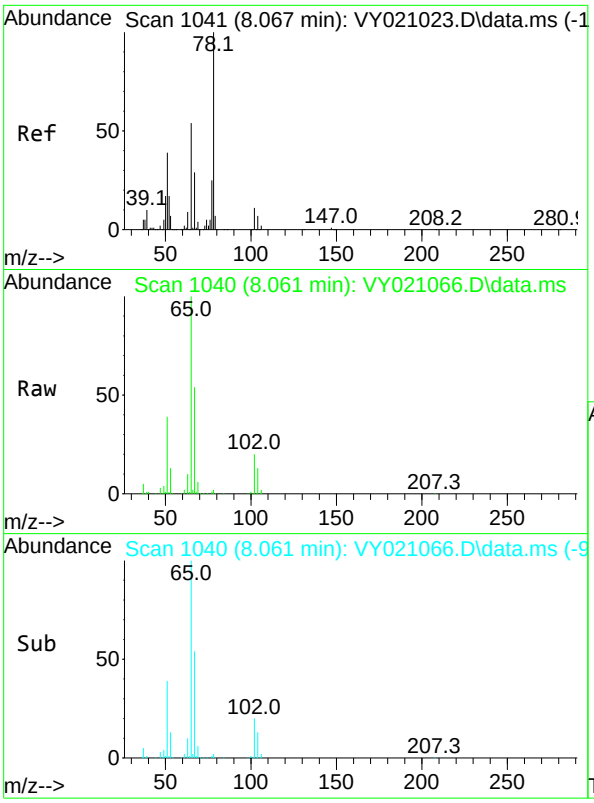


#16
Acetone
Concen: 13.501 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY021066.D
Acq: 04 Feb 2025 18:10

Tgt Ion: 43 Resp: 3369

Ion	Ratio	Lower	Upper
43	100		
58	26.3	26.6	39.8#



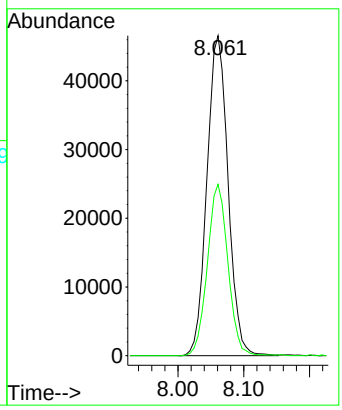


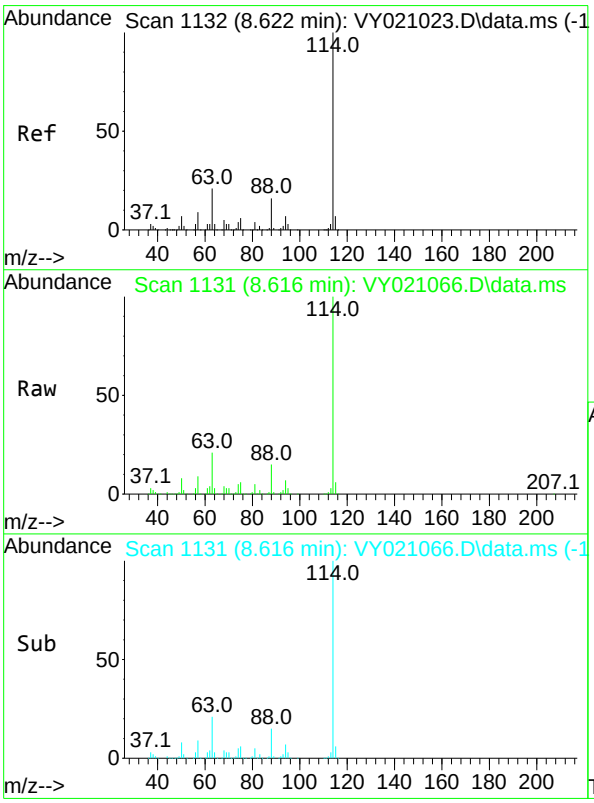
#33
1,2-Dichloroethane-d4
Concen: 65.093 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021066.D
Acq: 04 Feb 2025 18:10

Instrument :
MSVOA_Y
ClientSampleId :
JPP-5.4-013025

Tgt Ion: 65 Resp: 104156

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	109.0

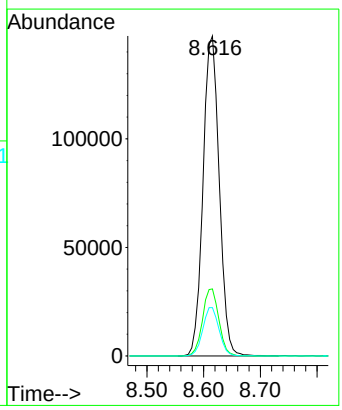


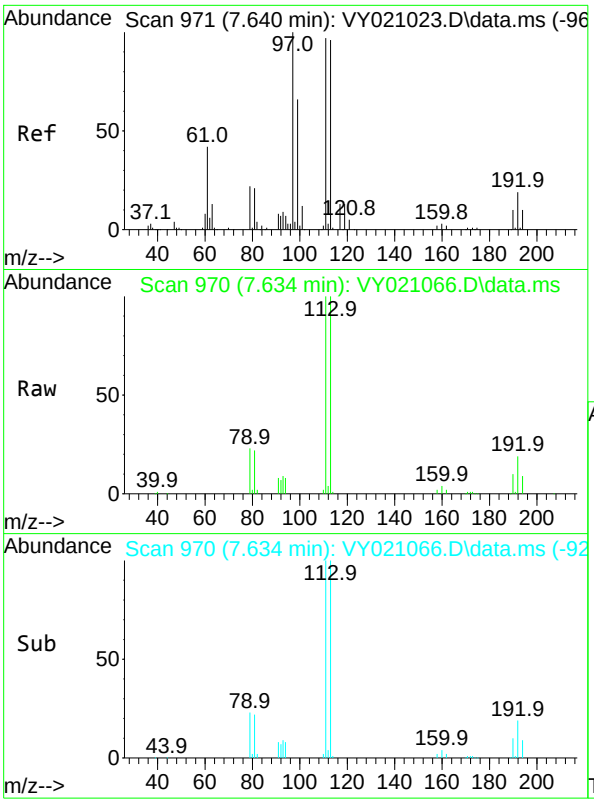


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021066.D
Acq: 04 Feb 2025 18:10

Tgt Ion:114 Resp: 292974

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	37.4
88	15.1	0.0	29.0



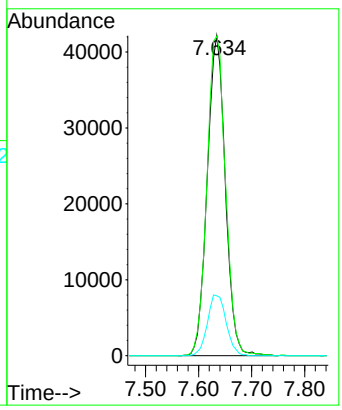


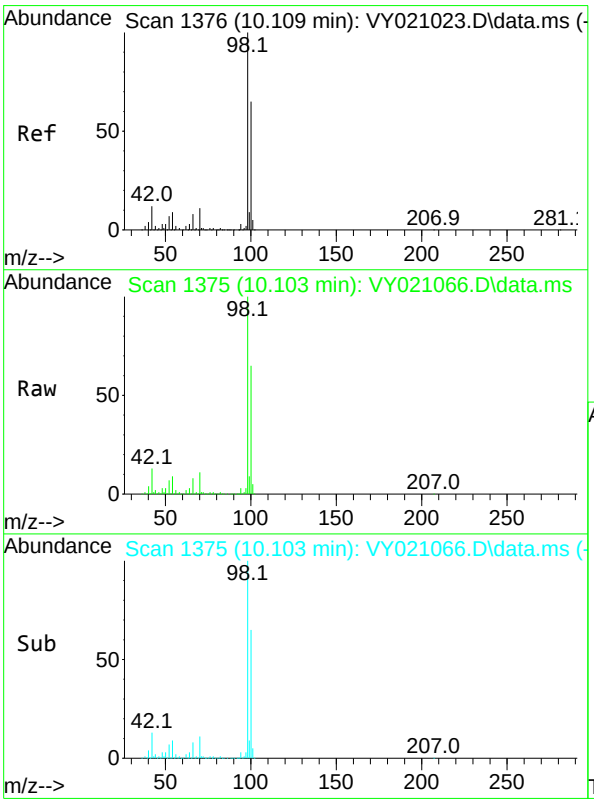
#35
Dibromofluoromethane
Concen: 53.260 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021066.D
Acq: 04 Feb 2025 18:10

Instrument :
MSVOA_Y
ClientSampleId :
JPP-5.4-013025

Tgt Ion:113 Resp: 99999

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.8	125.6
192	19.6	14.5	21.7

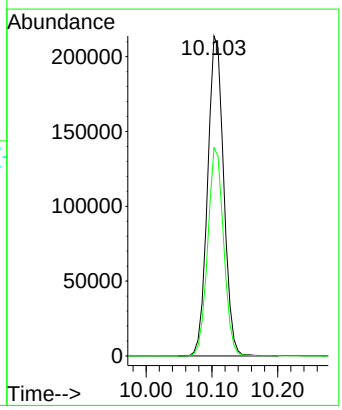


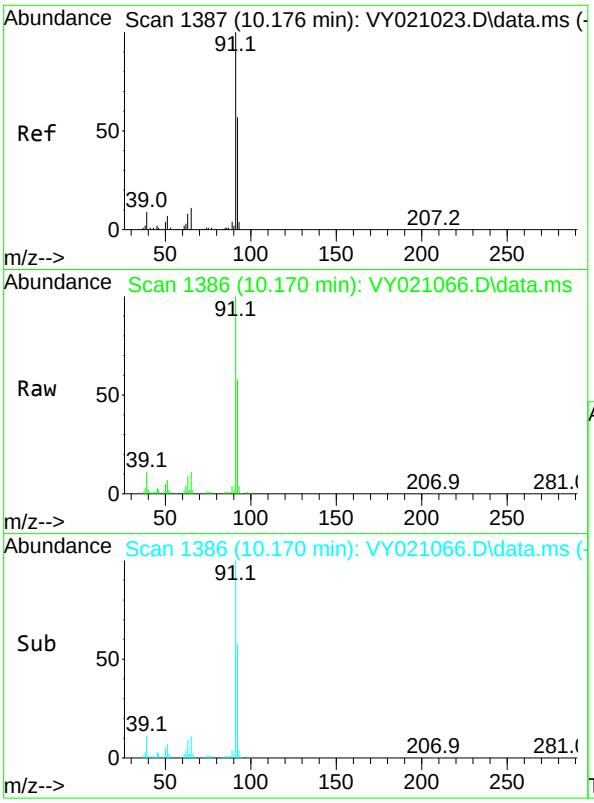


#50
Toluene-d8
Concen: 50.876 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021066.D
Acq: 04 Feb 2025 18:10

Tgt Ion: 98 Resp: 363665

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.3	78.5



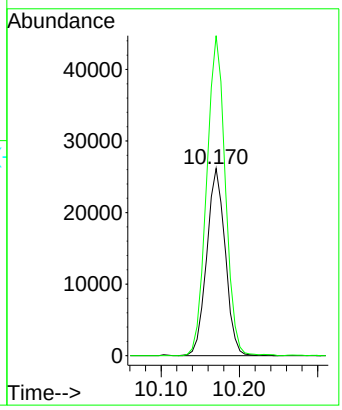


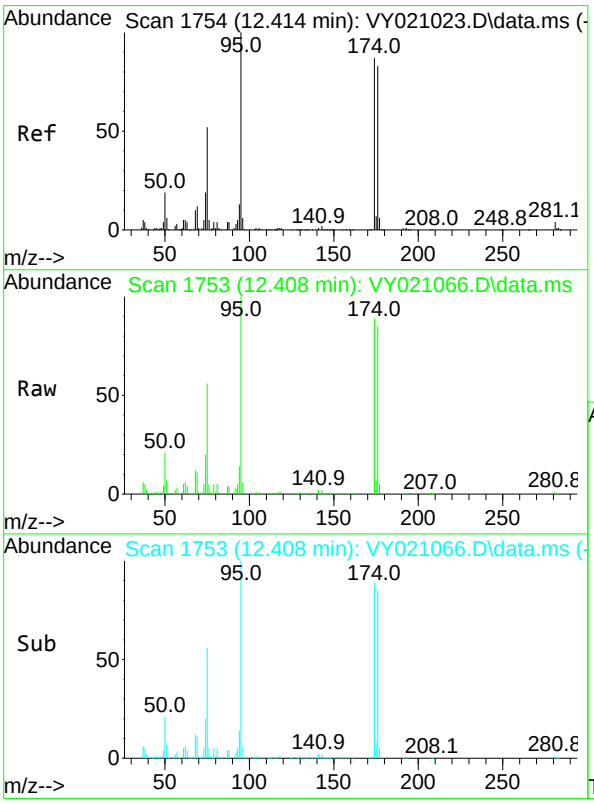
#52
Toluene
Concen: 8.357 ug/l
RT: 10.170 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021066.D
Acq: 04 Feb 2025 18:10

Instrument :
MSVOA_Y
ClientSampleId :
JPP-5.4-013025

Tgt Ion: 92 Resp: 42823

Ion	Ratio	Lower	Upper
92	100		
91	172.2	137.6	206.4

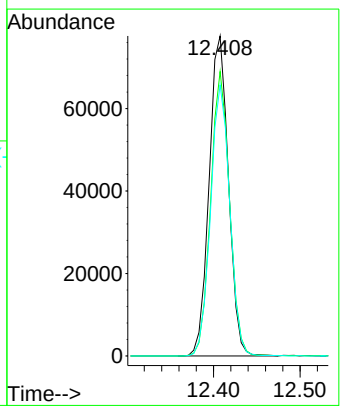


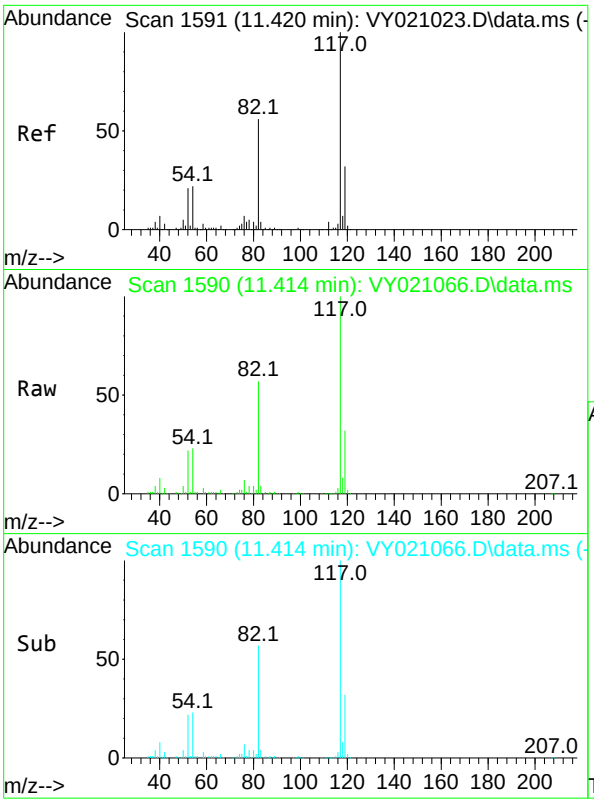


#62
4-Bromofluorobenzene
Concen: 51.454 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021066.D
Acq: 04 Feb 2025 18:10

Tgt Ion: 95 Resp: 120158

Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	160.0
176	84.1	0.0	151.8



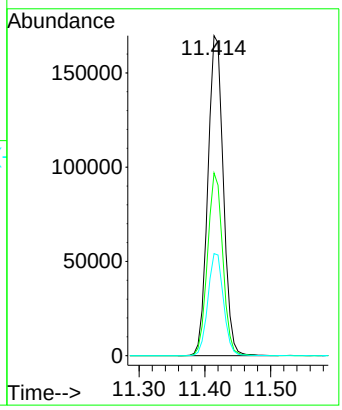


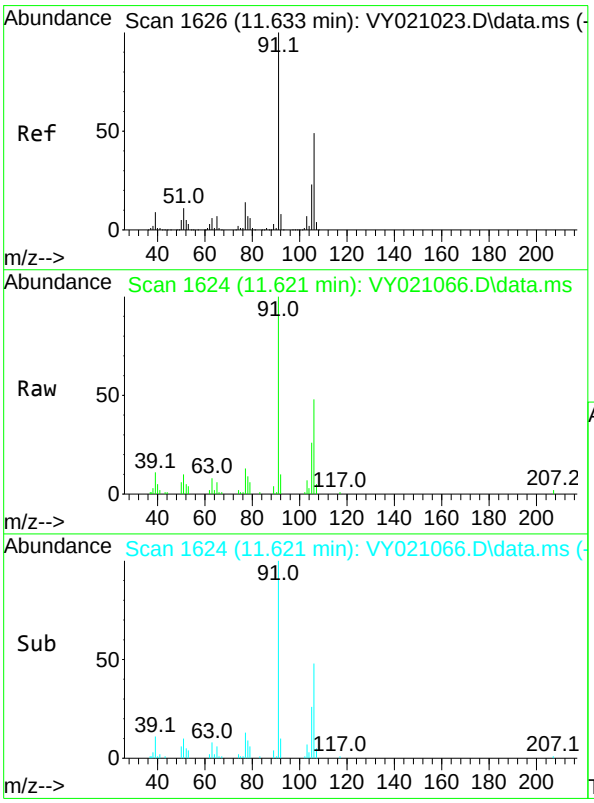
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021066.D
Acq: 04 Feb 2025 18:10

Instrument :
MSVOA_Y
ClientSampleId :
JPP-5.4-013025

Tgt Ion:117 Resp: 277904

Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.8	65.8
119	31.9	26.5	39.7

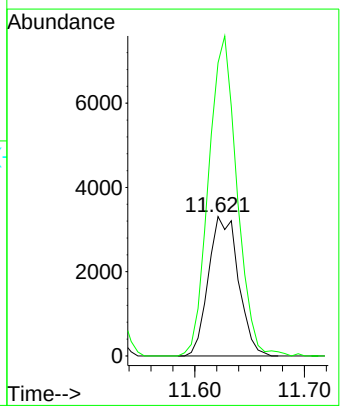


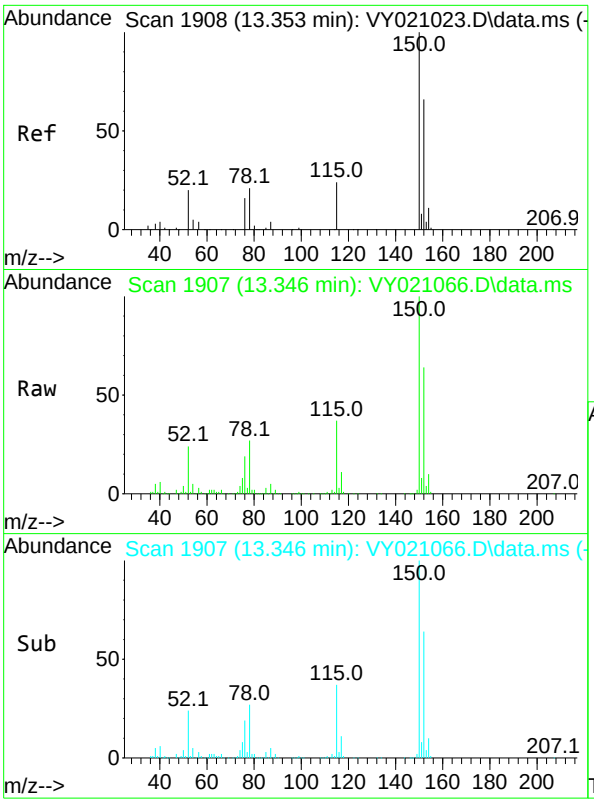


#68
m/p-Xylenes
Concen: 1.534 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.012 min
Lab File: VY021066.D
Acq: 04 Feb 2025 18:10

Tgt Ion:106 Resp: 6279

Ion	Ratio	Lower	Upper
106	100		
91	217.1	160.7	241.1



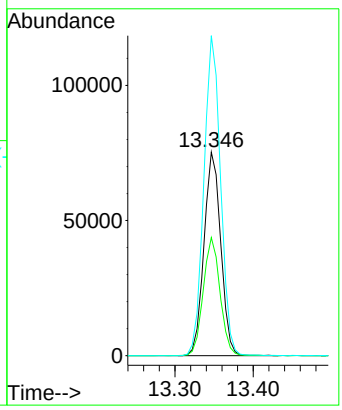


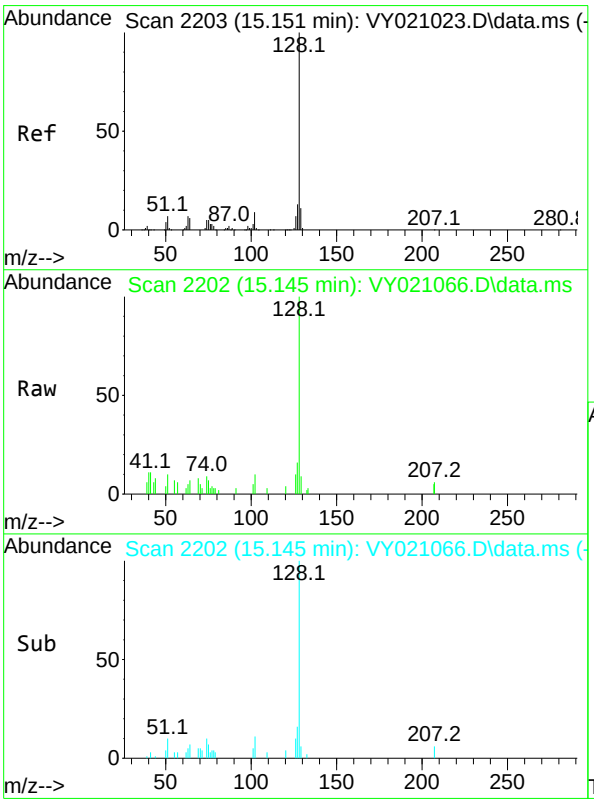
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021066.D
Acq: 04 Feb 2025 18:10

Instrument :
MSVOA_Y
ClientSampleId :
JPP-5.4-013025

Tgt Ion:152 Resp: 111742

Ion	Ratio	Lower	Upper
152	100		
115	58.2	30.0	90.0
150	156.8	0.0	344.6





#95
Naphthalene
Concen: 1.324 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.006 min
Lab File: VY021066.D
Acq: 04 Feb 2025 18:10

Tgt Ion:128 Resp: 3979

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.4
129	11.4	8.6	12.8