Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010725\
Data File : VY020793.D
Acq On : 07 Jan 2025 14:59
Operator : SY/MD
Sample : Q1027-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-010725

Quant Time: Jan 08 00:54:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	54521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	82030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	61508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	19157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	21984	47.440	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.880%			
35) Dibromofluoromethane	7.646	113	25451	49.524	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.040%			
50) Toluene-d8	10.115	98	91583	51.121	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.240%			
62) 4-Bromofluorobenzene	12.414	95	23031	34.813	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 69.620%			
Target Compounds						Qvalue
80) 1,3,5-Trimethylbenzene	12.749	105	1582	1.284	ug/l	95
84) 1,2,4-Trimethylbenzene	13.054	105	3310	2.752	ug/l	92
93) 1,2,4-Trichlorobenzene	14.931	180	609	1.778	ug/l #	60
96) 1,2,3-Trichlorobenzene	15.340	180	558	1.944	ug/l #	77

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

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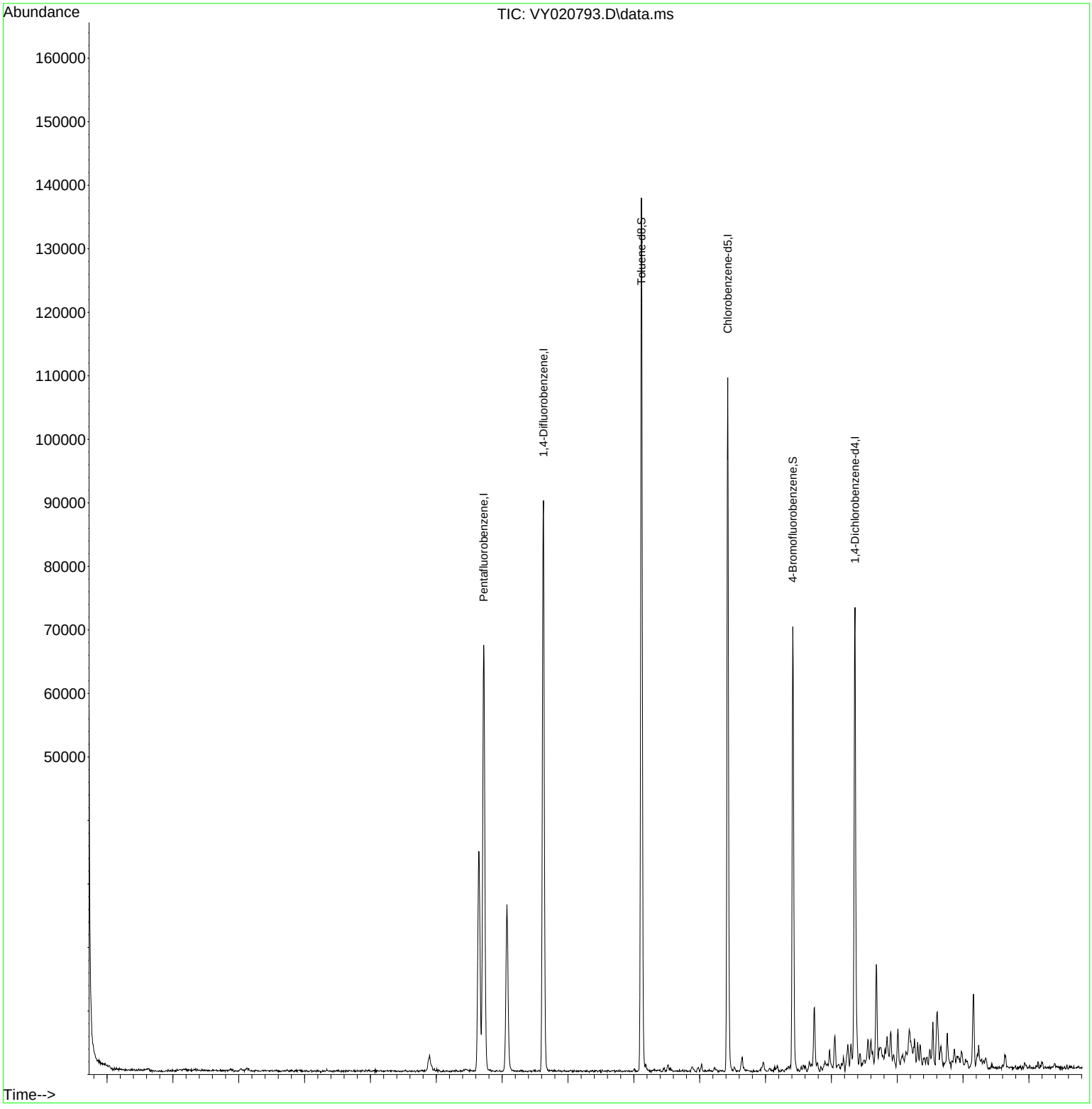
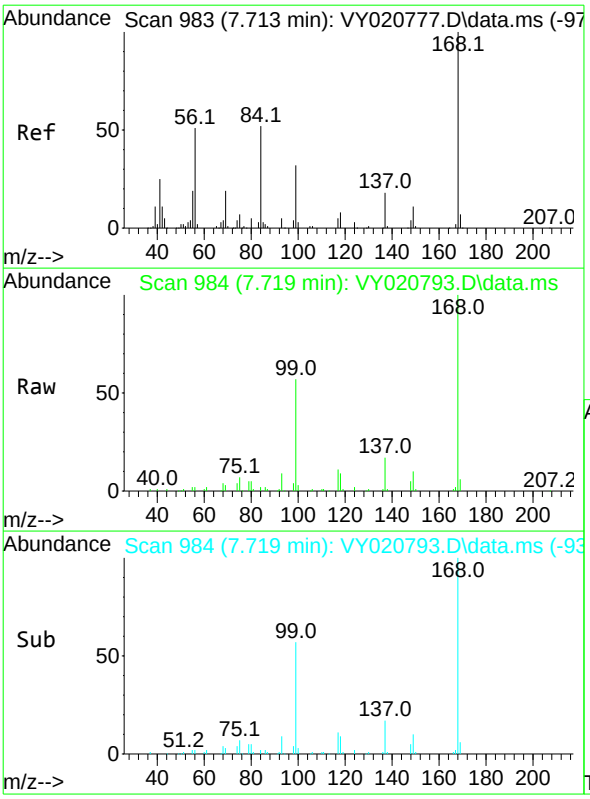


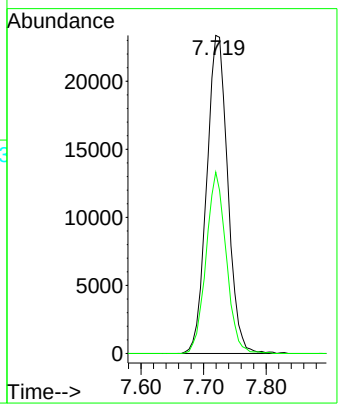


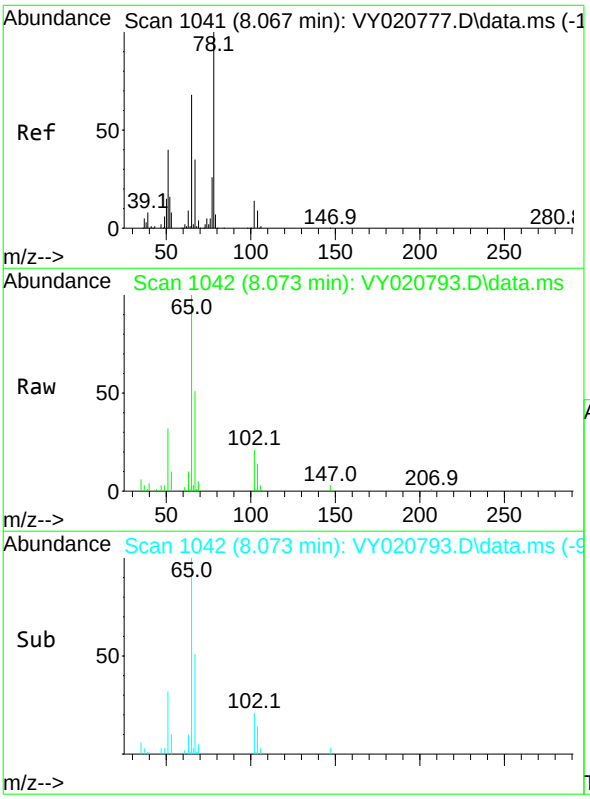
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020793.D
Acq: 07 Jan 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-010725

Tgt Ion:168 Resp: 54521

Ion	Ratio	Lower	Upper
168	100		
99	57.0	44.3	66.5

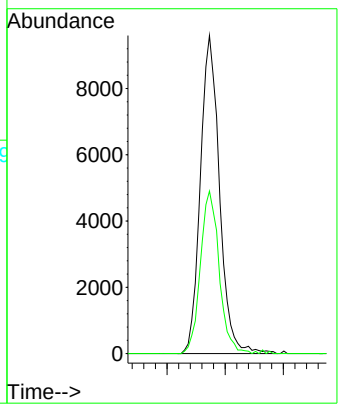


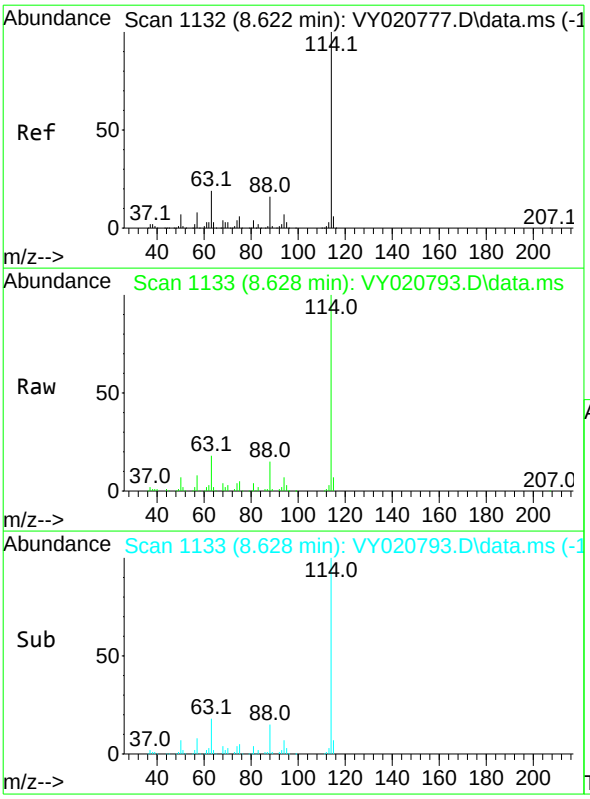


#33
1,2-Dichloroethane-d4
Concen: 47.440 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY020793.D
Acq: 07 Jan 2025 14:59

Tgt Ion: 65 Resp: 21984

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	102.8



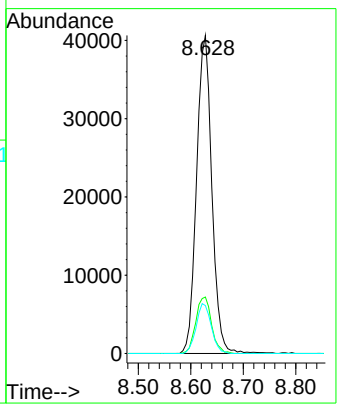


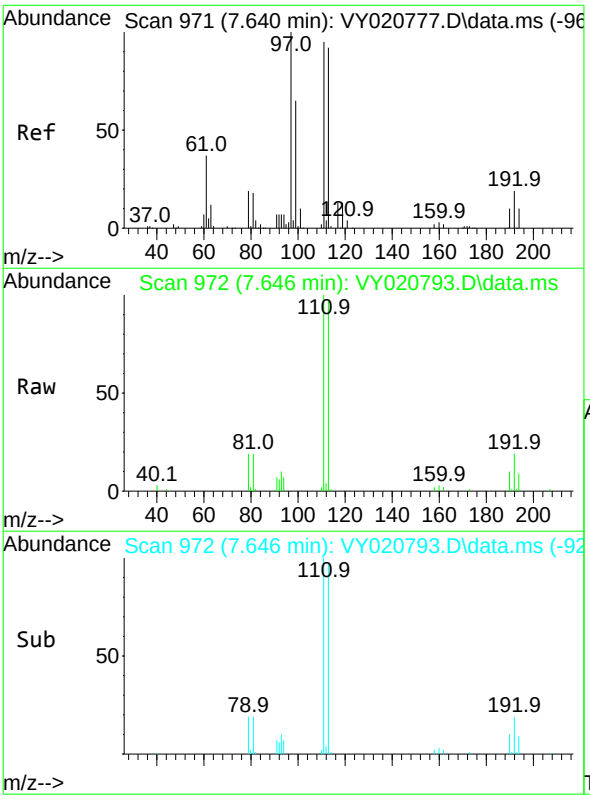
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020793.D
Acq: 07 Jan 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-010725

Tgt Ion:114 Resp: 82030

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	38.4
88	15.1	0.0	31.2

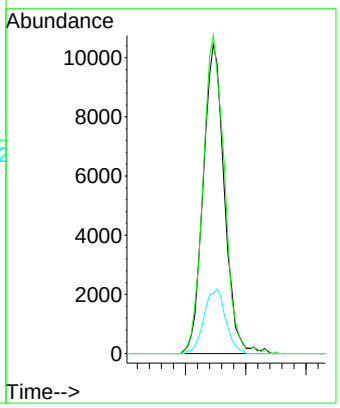


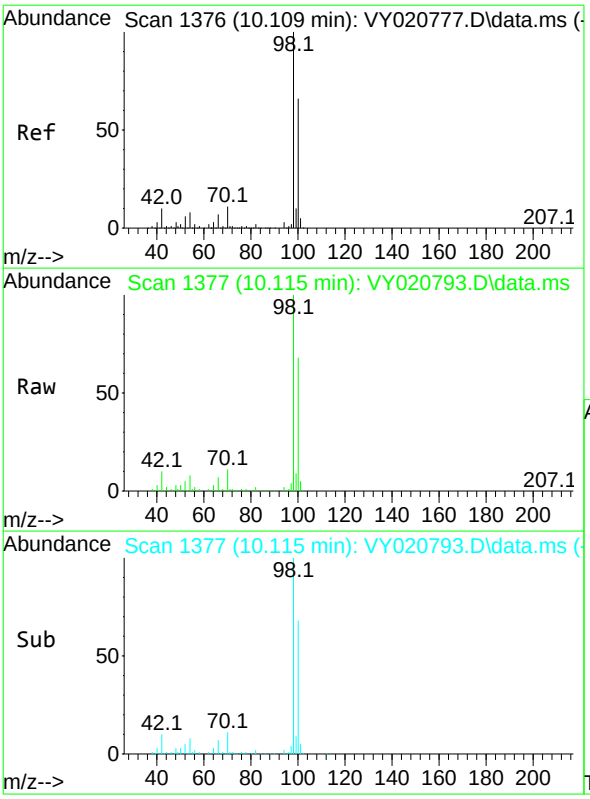


#35
Dibromofluoromethane
Concen: 49.524 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY020793.D
Acq: 07 Jan 2025 14:59

Tgt Ion:113 Resp: 25451

Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.7	122.5
192	21.4	16.7	25.1



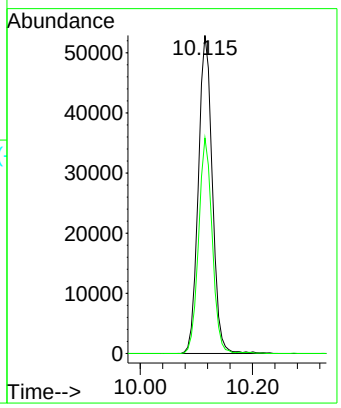


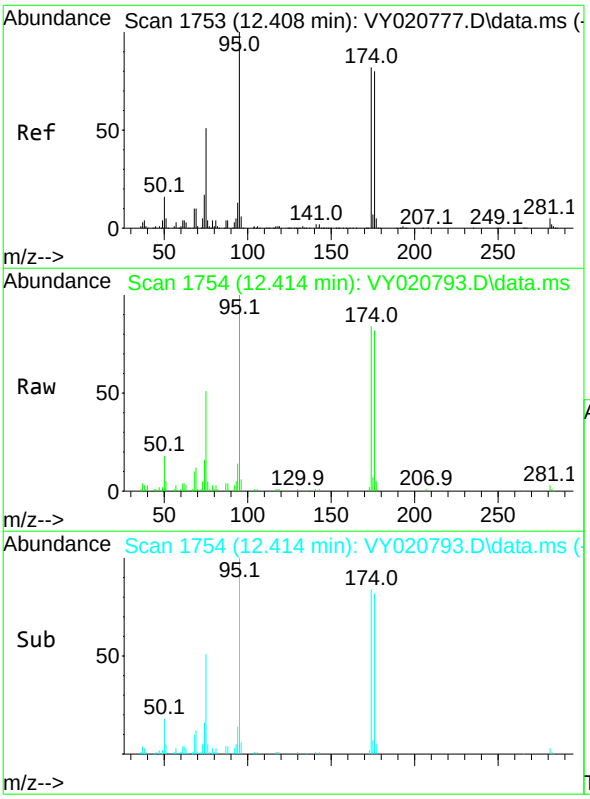
#50
Toluene-d8
Concen: 51.121 ug/l
RT: 10.115 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY020793.D
Acq: 07 Jan 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-010725

Tgt Ion: 98 Resp: 91583

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.5	78.7

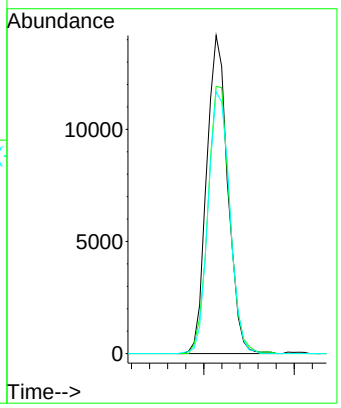


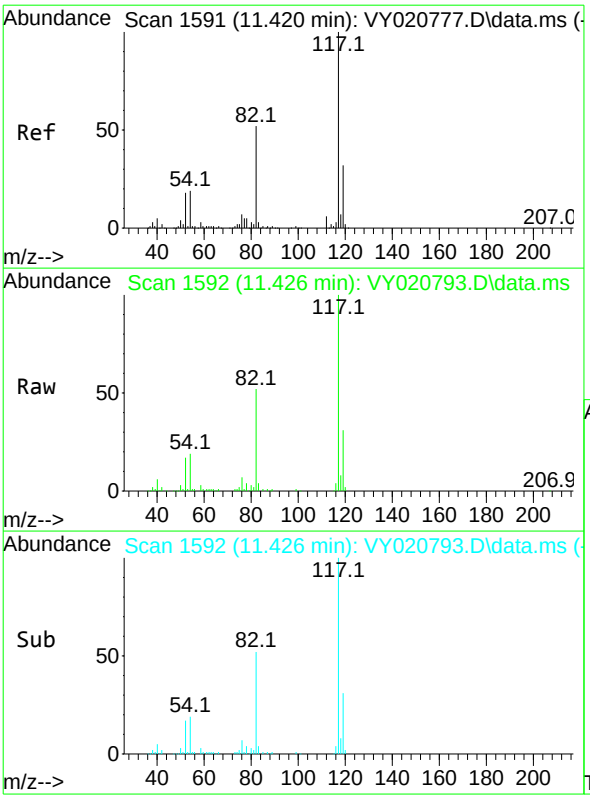


#62
4-Bromofluorobenzene
Concen: 34.813 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020793.D
Acq: 07 Jan 2025 14:59

Tgt Ion: 95 Resp: 23031

Ion	Ratio	Lower	Upper
95	100		
174	86.6	0.0	178.0
176	84.3	0.0	172.0



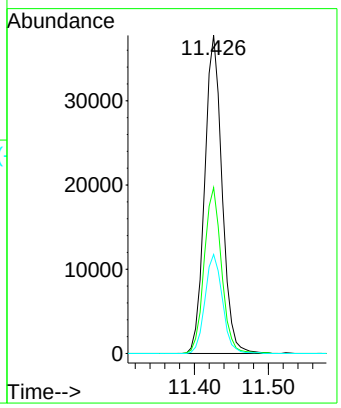


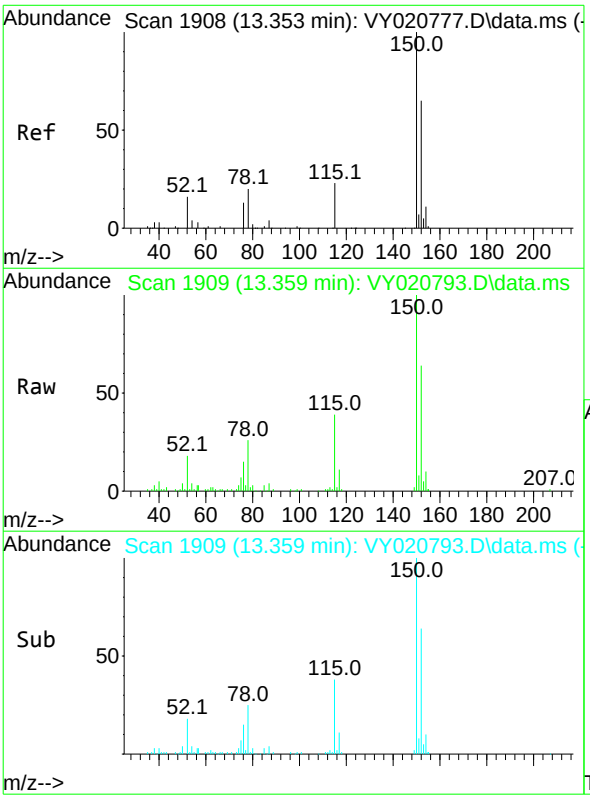
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY020793.D
Acq: 07 Jan 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-010725

Tgt Ion:117 Resp: 61508

Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.8	62.6
119	31.1	25.8	38.8

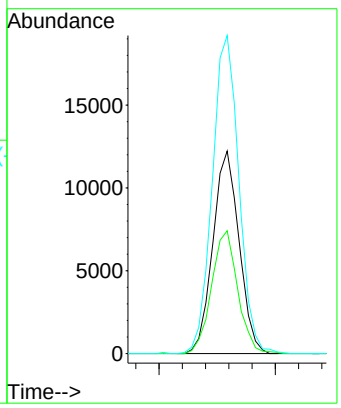


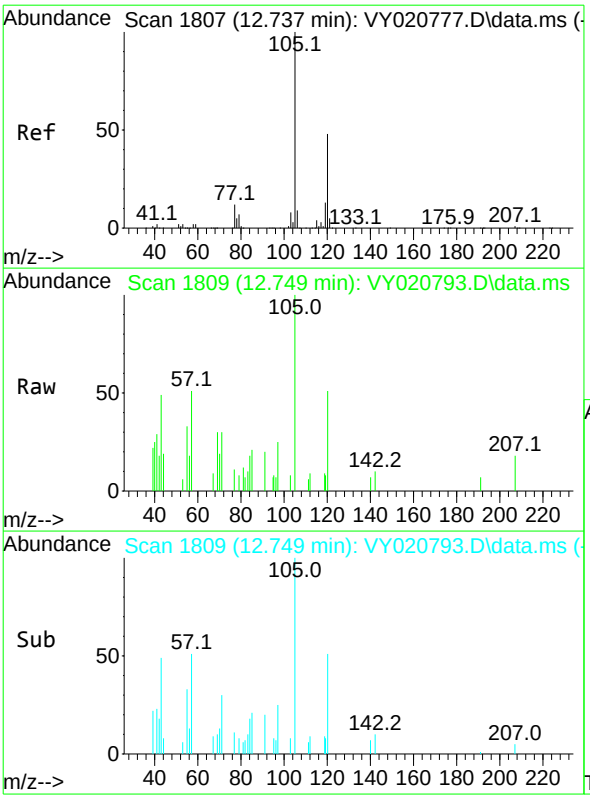


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY020793.D
Acq: 07 Jan 2025 14:59

Tgt Ion:152 Resp: 19157

Ion	Ratio	Lower	Upper
152	100		
115	60.5	29.0	87.0
150	159.3	0.0	347.4



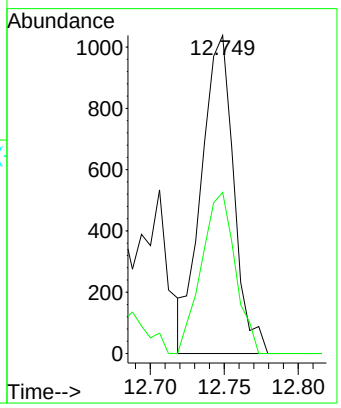


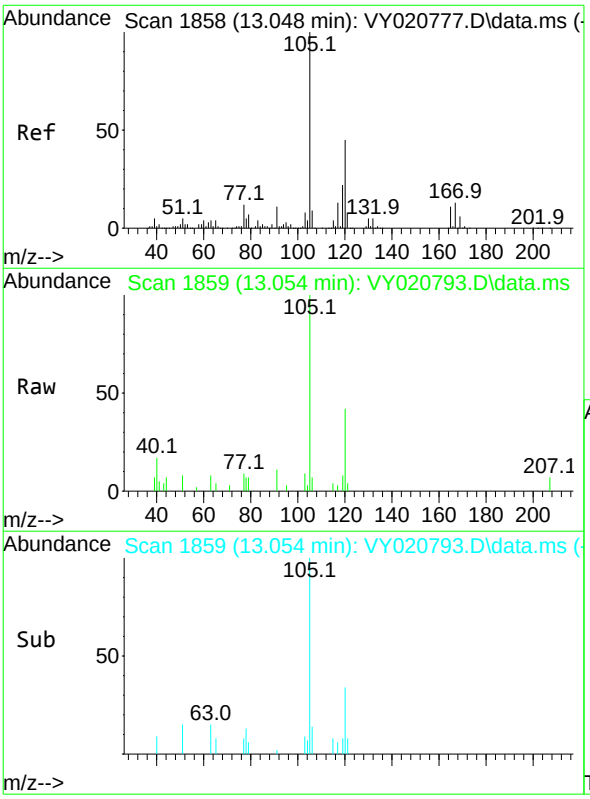
#80
1,3,5-Trimethylbenzene
Concen: 1.284 ug/l
RT: 12.749 min Scan# 18
Delta R.T. 0.012 min
Lab File: VY020793.D
Acq: 07 Jan 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-010725

Tgt Ion:105 Resp: 1582

Ion	Ratio	Lower	Upper
105	100		
120	52.7	24.5	73.5

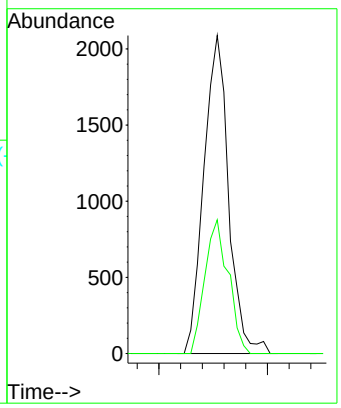


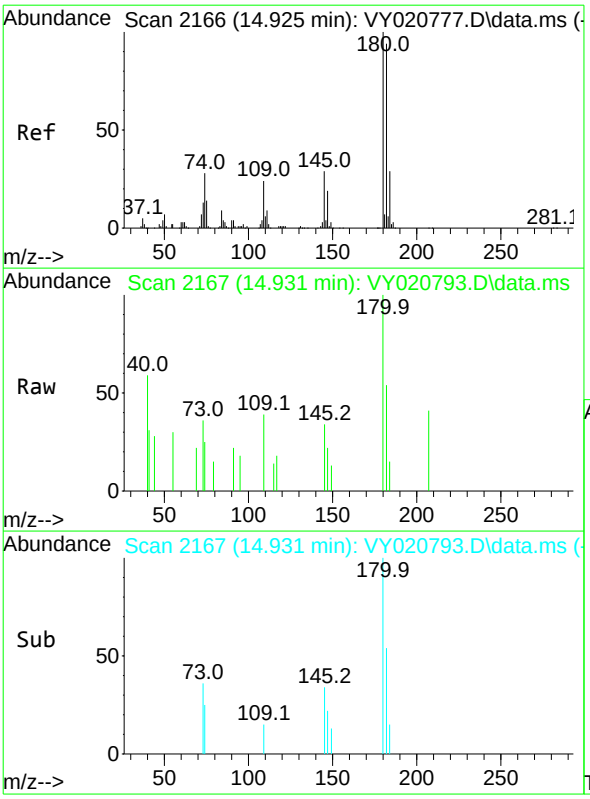


#84
1,2,4-Trimethylbenzene
Concen: 2.752 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY020793.D
Acq: 07 Jan 2025 14:59

Tgt Ion:105 Resp: 3310

Ion	Ratio	Lower	Upper
105	100		
120	39.8	22.4	67.2



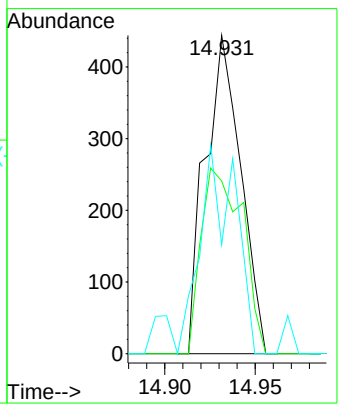


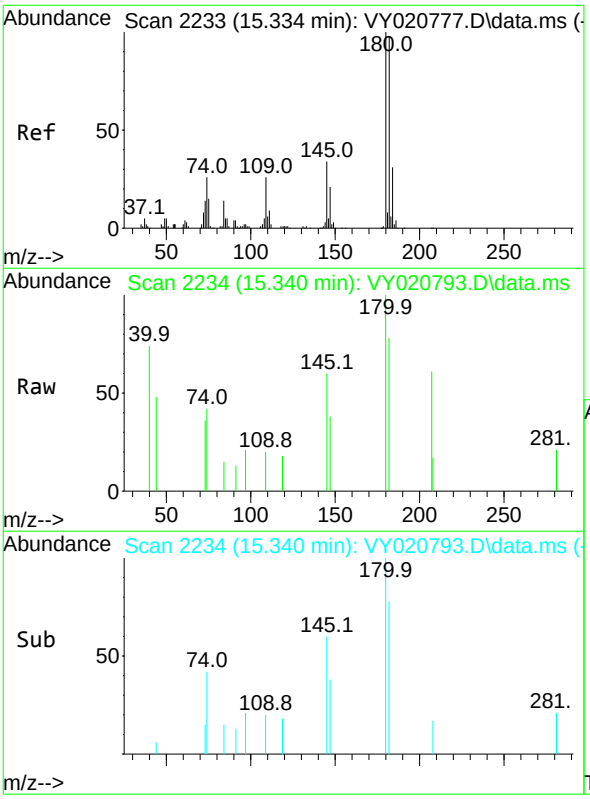
#93
1,2,4-Trichlorobenzene
Concen: 1.778 ug/l
RT: 14.931 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY020793.D
Acq: 07 Jan 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-010725

Tgt Ion:180 Resp: 609

Ion	Ratio	Lower	Upper
180	100		
182	67.5	47.6	142.9
145	70.4	15.0	45.1#





#96
1,2,3-Trichlorobenzene
Concen: 1.944 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY020793.D
Acq: 07 Jan 2025 14:59

Tgt Ion:180 Resp: 558

Ion	Ratio	Lower	Upper
180	100		
182	87.5	48.1	144.3
145	67.4	16.1	48.2#