Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022797.D
Acq On : 24 Jun 2025 15:06
Operator : SY/MD
Sample : Q2393-06
Misc : 6.74g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -3

Quant Time: Jun 25 01:26:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.701	168	300789	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	557410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	524757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	249630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	163834	48.802	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.600%			
35) Dibromofluoromethane	7.634	113	167237	49.334	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.660%			
50) Toluene-d8	10.103	98	650647	48.370	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.740%			
62) 4-Bromofluorobenzene	12.402	95	244323	56.501	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.000%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.050	101	57159	8.413	ug/l	95
16) Acetone	3.866	43	45449	71.627	ug/l	97
25) 2-Butanone	6.890	43	25712	27.842	ug/l	93
84) 1,2,4-Trimethylbenzene	13.036	105	15601	1.046	ug/l	93

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

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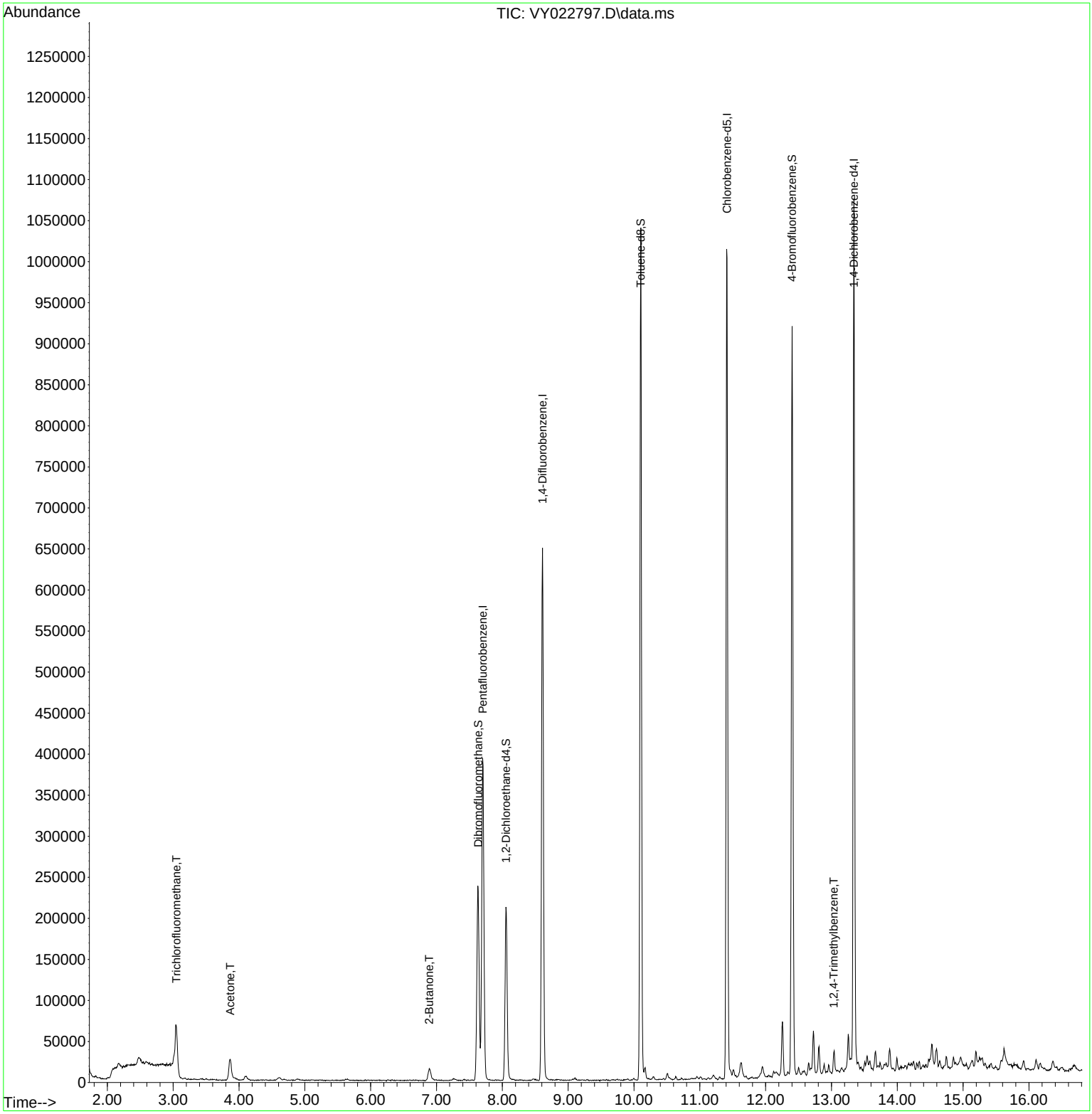
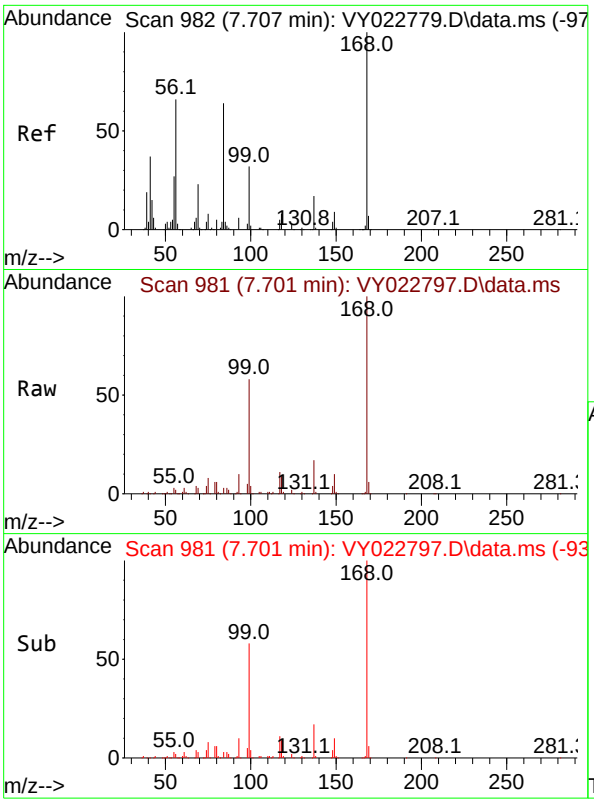


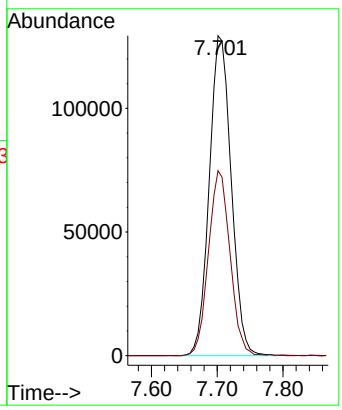


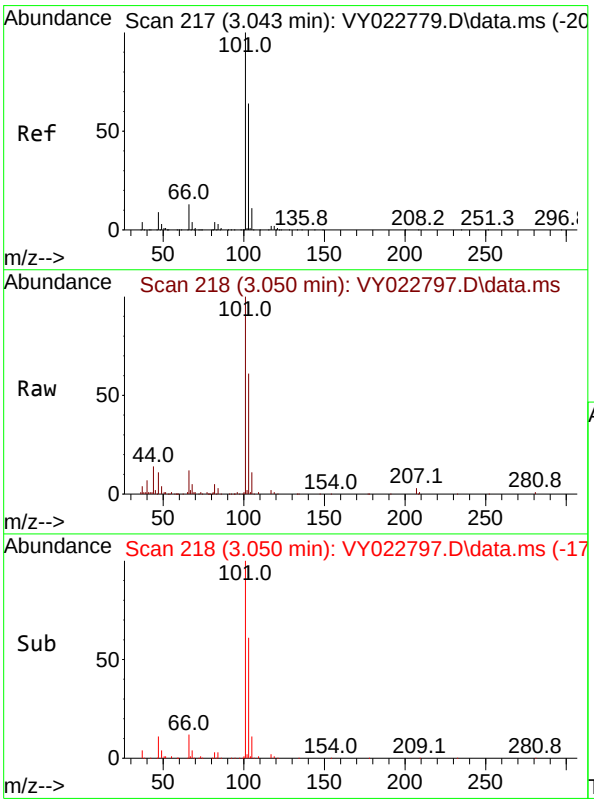
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022797.D
Acq: 24 Jun 2025 15:06

Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -3

Tgt Ion:168 Resp: 300789

Ion	Ratio	Lower	Upper
168	100		
99	57.8	44.3	66.5

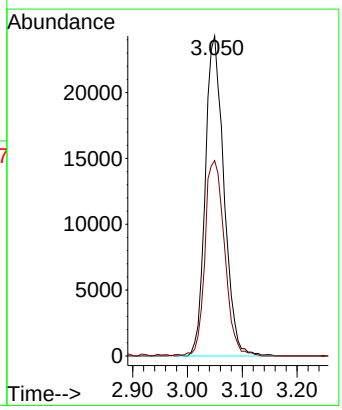


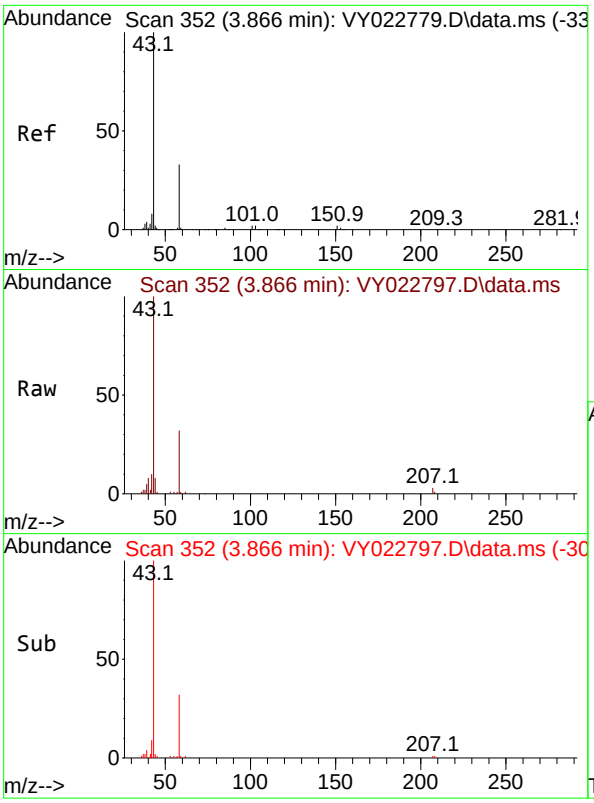


#7
Trichlorofluoromethane
Concen: 8.413 ug/l
RT: 3.050 min Scan# 218
Delta R.T. -0.006 min
Lab File: VY022797.D
Acq: 24 Jun 2025 15:06

Tgt Ion:101 Resp: 57159

Ion	Ratio	Lower	Upper
101	100		
103	61.0	52.2	78.2



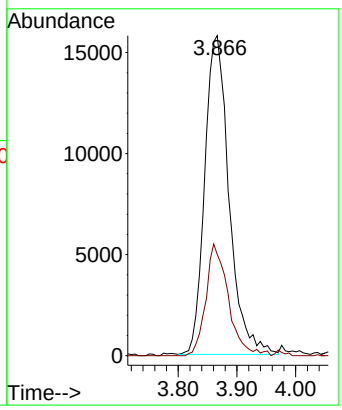


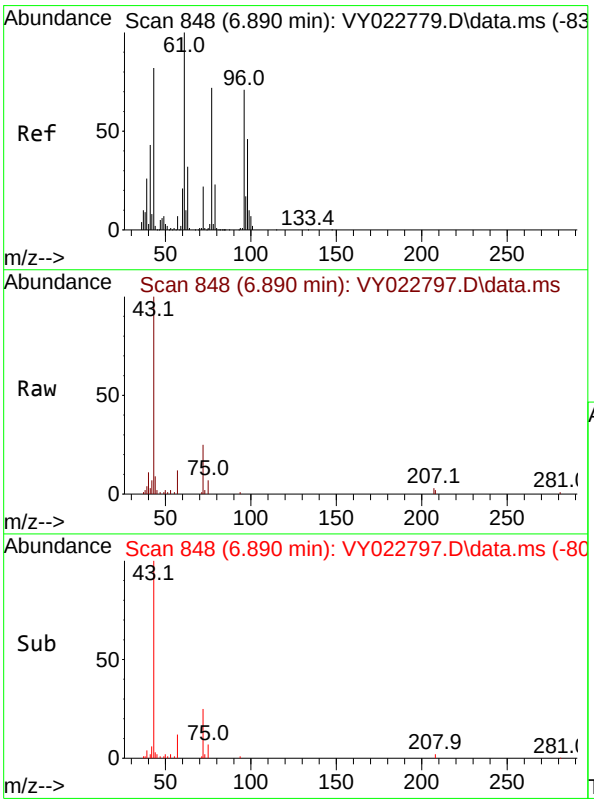
#16
Acetone
Concen: 71.627 ug/l
RT: 3.866 min Scan# 3
Delta R.T. -0.012 min
Lab File: VY022797.D
Acq: 24 Jun 2025 15:06

Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -3

Tgt Ion: 43 Resp: 45449

Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.0	36.0

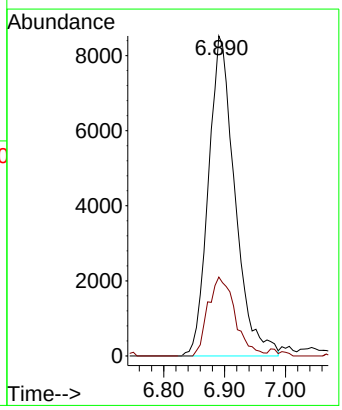


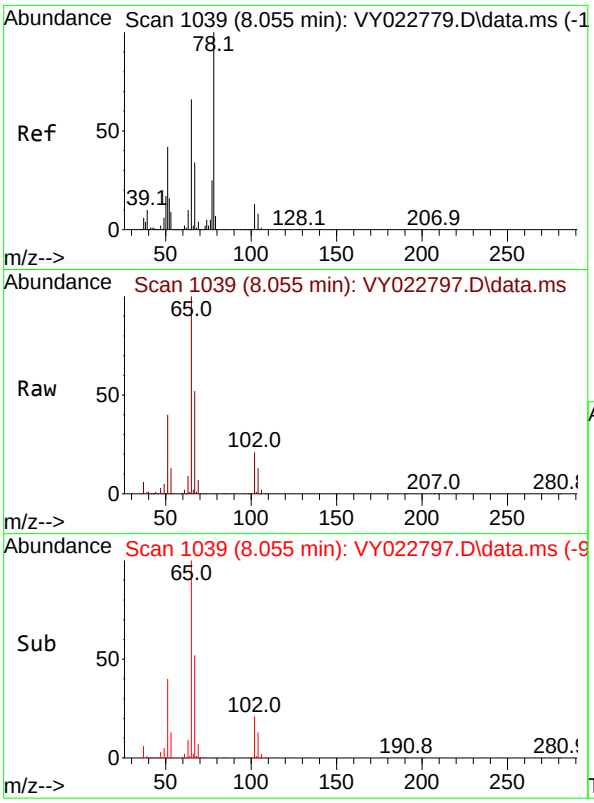


#25
2-Butanone
Concen: 27.842 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY022797.D
Acq: 24 Jun 2025 15:06

Tgt Ion: 43 Resp: 25712

Ion	Ratio	Lower	Upper
43	100		
72	24.7	22.9	34.3



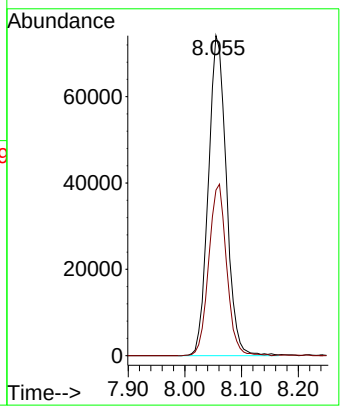


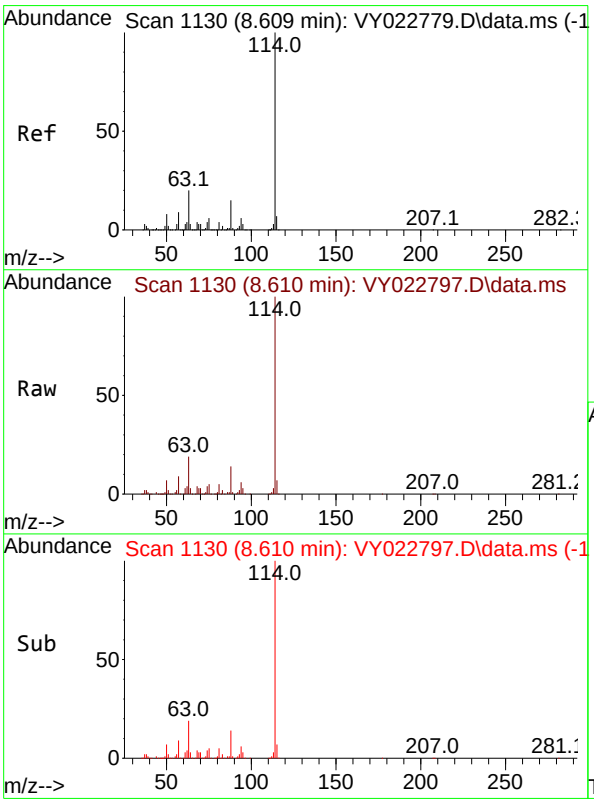
#33
1,2-Dichloroethane-d4
Concen: 48.802 ug/l
RT: 8.055 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022797.D
Acq: 24 Jun 2025 15:06

Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -3

Tgt Ion: 65 Resp: 163834

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	103.4

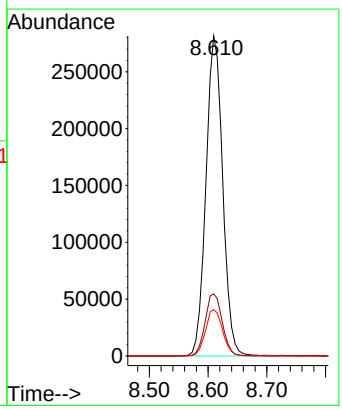


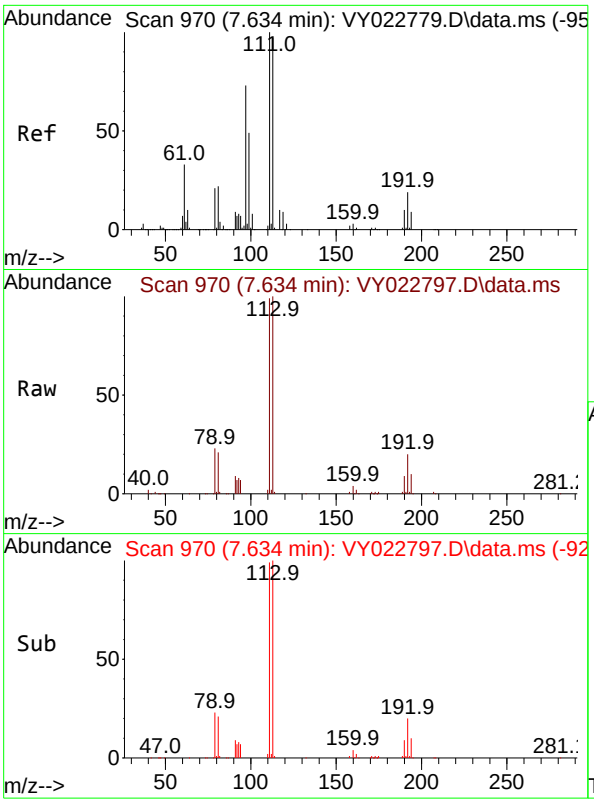


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY022797.D
Acq: 24 Jun 2025 15:06

Tgt Ion:114 Resp: 557410

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	40.8
88	14.5	0.0	27.8



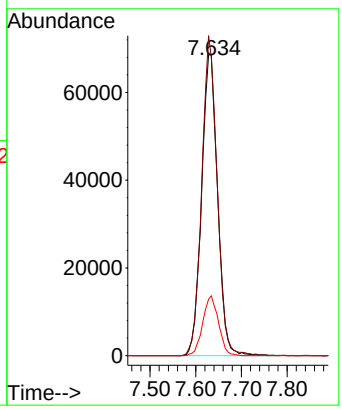


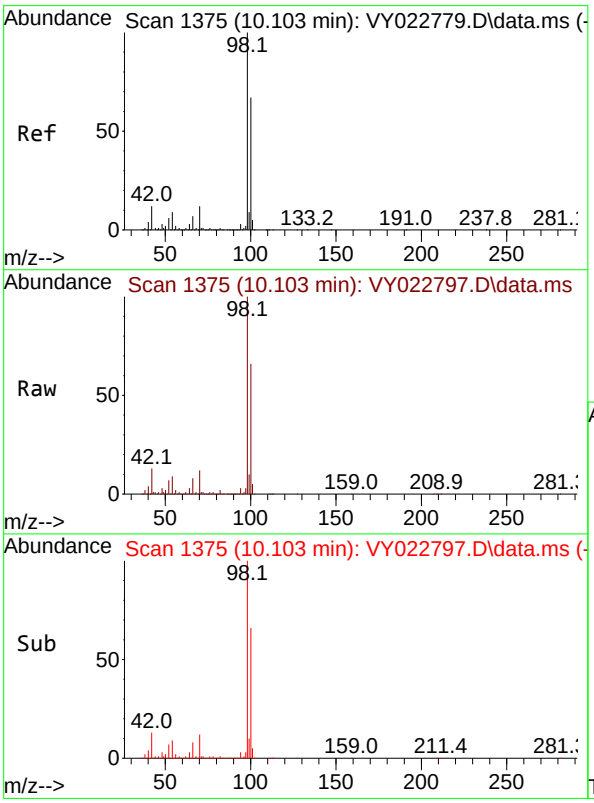
#35
Dibromofluoromethane
Concen: 49.334 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022797.D
Acq: 24 Jun 2025 15:06

Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -3

Tgt Ion:113 Resp: 167237

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	19.6	14.2	21.2

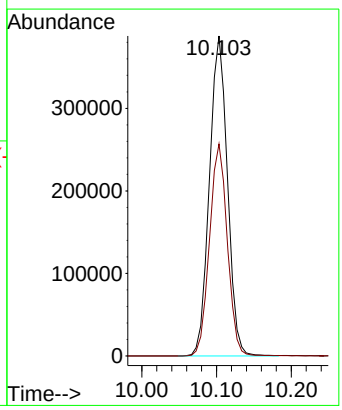


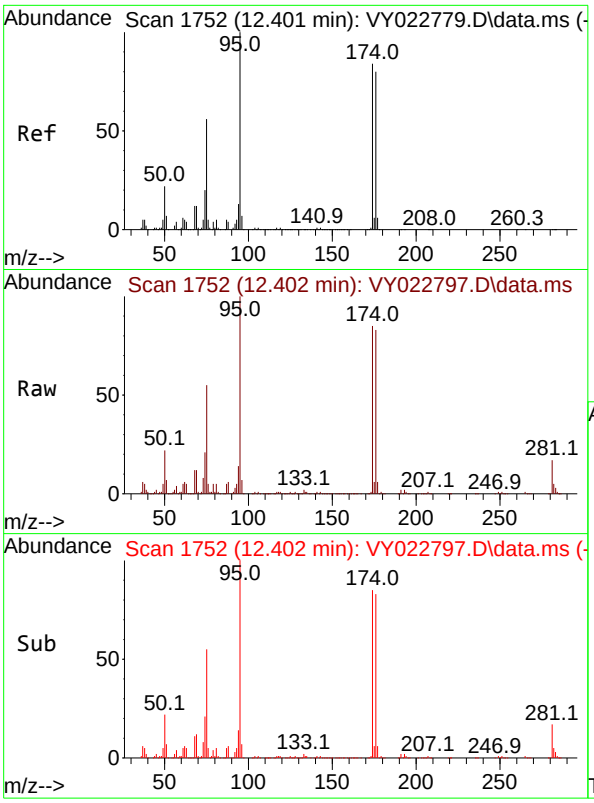


#50
Toluene-d8
Concen: 48.370 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022797.D
Acq: 24 Jun 2025 15:06

Tgt Ion: 98 Resp: 650647

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.4	77.0



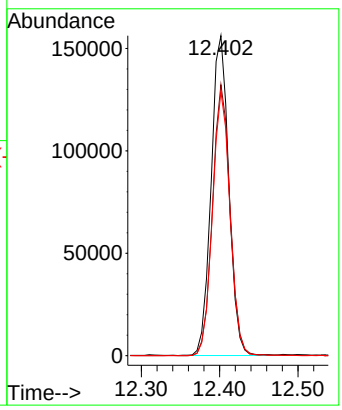


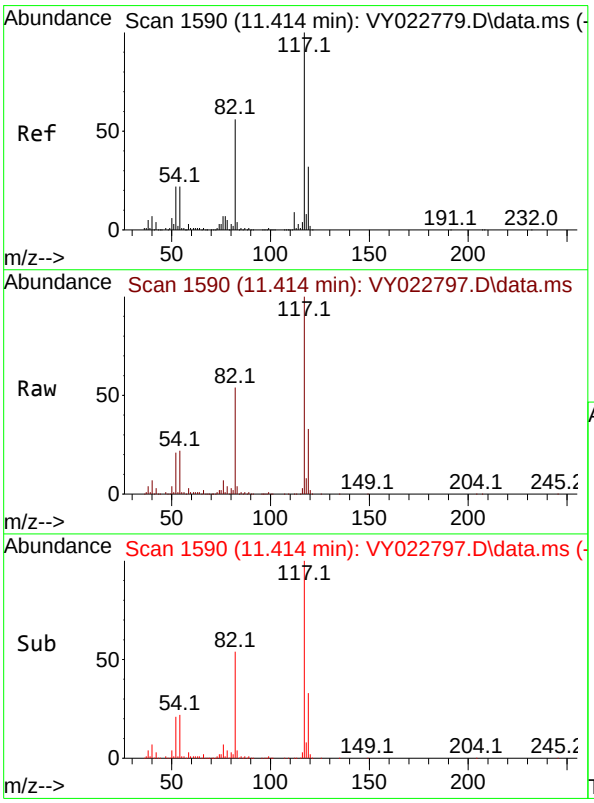
#62
4-Bromofluorobenzene
Concen: 56.501 ug/l
RT: 12.402 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022797.D
Acq: 24 Jun 2025 15:06

Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -3

Tgt Ion: 95 Resp: 244323

Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	170.0
176	81.9	0.0	166.2

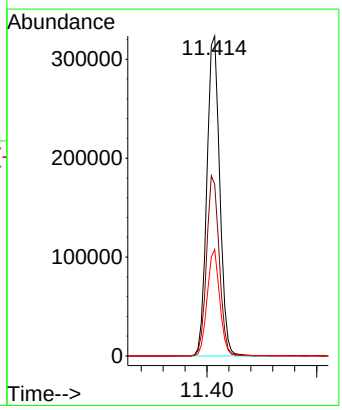


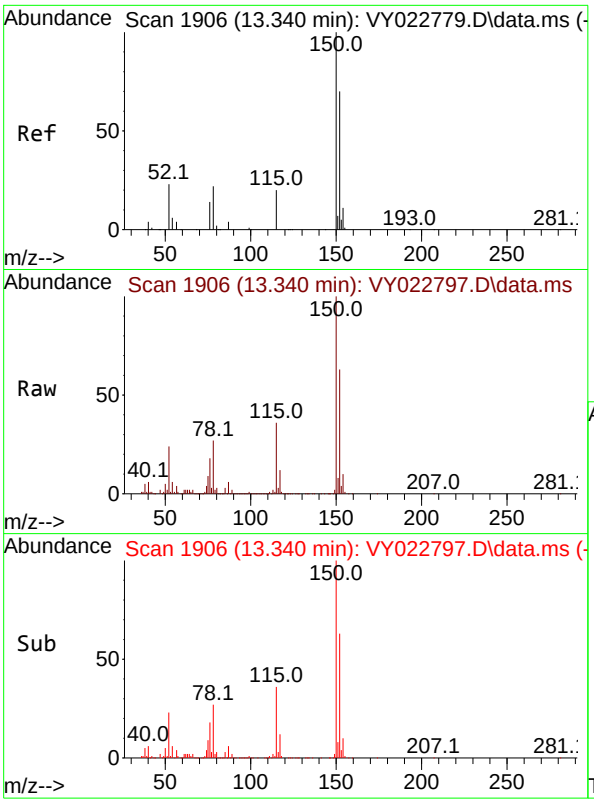


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022797.D
Acq: 24 Jun 2025 15:06

Tgt Ion:117 Resp: 524757

Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.6	66.8
119	33.3	25.4	38.0



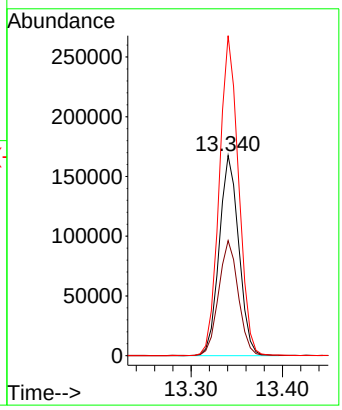


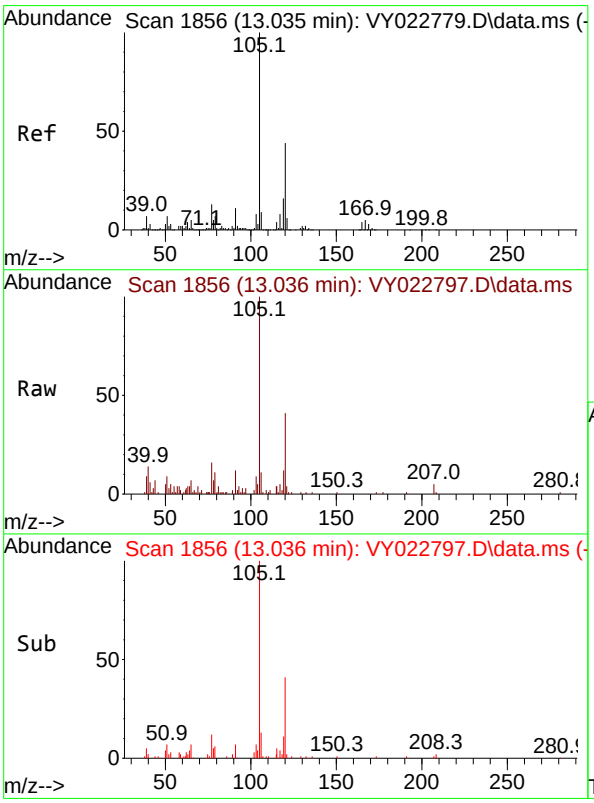
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022797.D
Acq: 24 Jun 2025 15:06

Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -3

Tgt Ion:152 Resp: 249630

Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.9	86.7
150	158.0	0.0	349.6





#84
1,2,4-Trimethylbenzene
Concen: 1.046 ug/l
RT: 13.036 min Scan# 1856
Delta R.T. -0.006 min
Lab File: VY022797.D
Acq: 24 Jun 2025 15:06

Tgt Ion:105 Resp: 15601

Ion	Ratio	Lower	Upper
105	100		
120	41.1	22.7	68.1