Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
Data File : VY010771.D
Acq On : 03 Oct 2022 17:12
Operator : KP/MD
Sample : N4907-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-092922

Quant Time: Oct 04 07:33:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	278187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	462910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	408464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	186525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	136808	48.517	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.040%			
35) Dibromofluoromethane	7.716	113	125909	40.975	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 81.940%			
50) Toluene-d8	10.179	98	492514	46.867	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.740%			
62) 4-Bromofluorobenzene	12.477	95	160862	38.322	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 76.640%			
Target Compounds						Qvalue
16) Acetone	3.942	43	3863	5.394	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	13590	1.192	ug/l	82
95) Naphthalene	15.233	128	202516	32.542	ug/l	99

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

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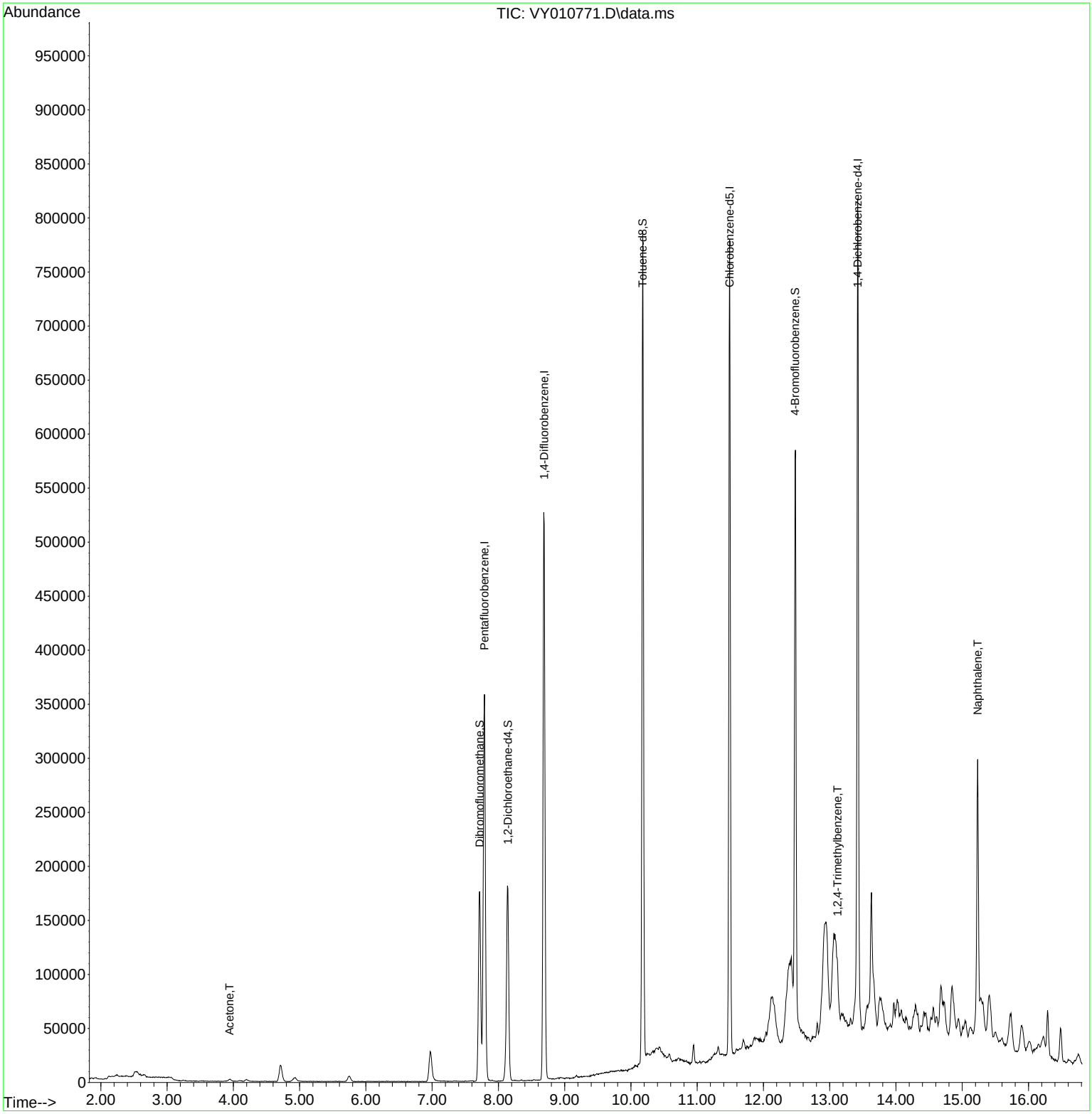
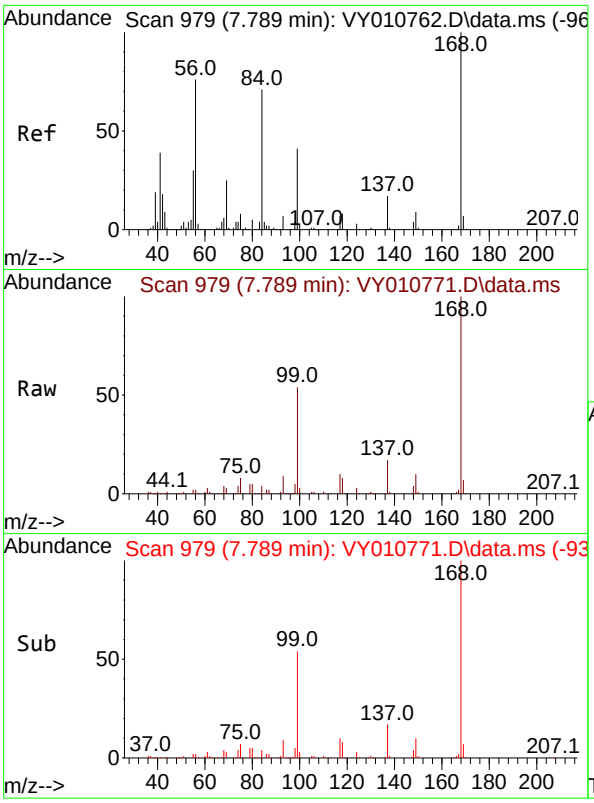


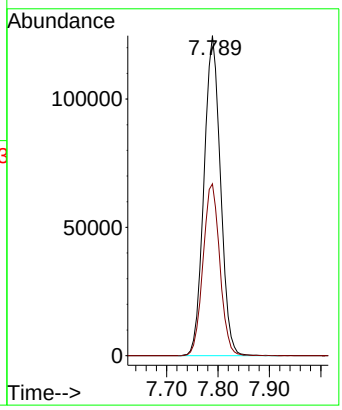


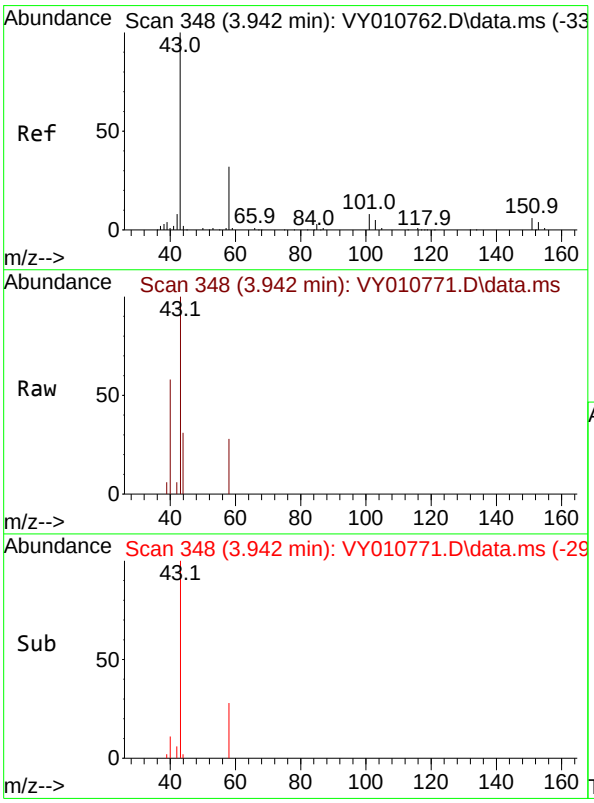
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY010771.D
Acq: 03 Oct 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-092922

Tgt Ion:168 Resp: 278187

Ion	Ratio	Lower	Upper
168	100		
99	53.7	46.9	70.3

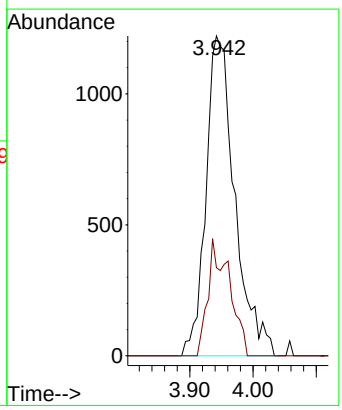


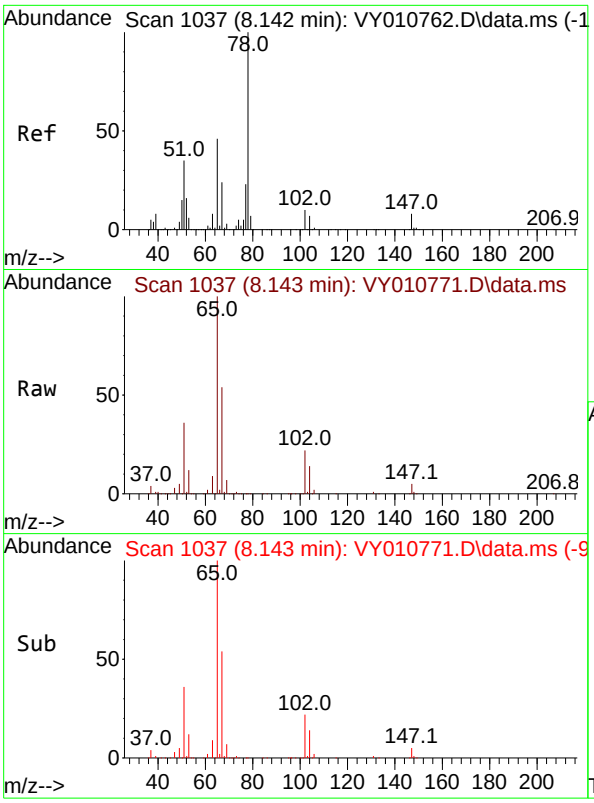


#16
Acetone
Concen: 5.394 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010771.D
Acq: 03 Oct 2022 17:12

Tgt Ion: 43 Resp: 3863

Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.0	33.0



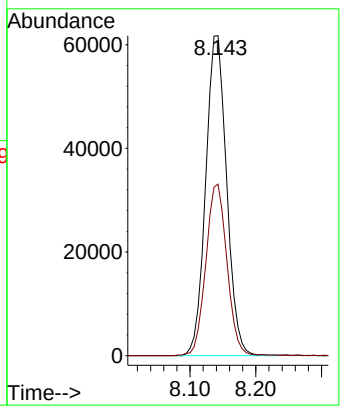


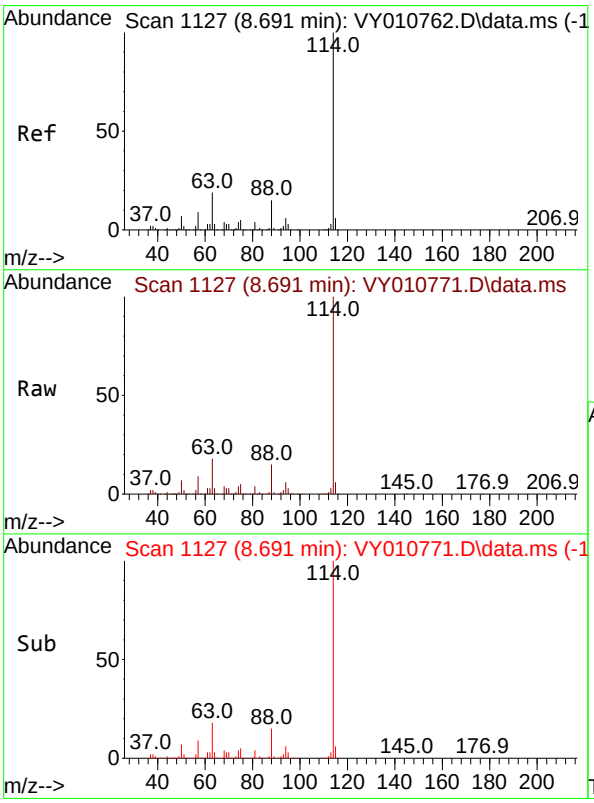
#33
1,2-Dichloroethane-d4
Concen: 48.517 ug/l
RT: 8.143 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY010771.D
Acq: 03 Oct 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-092922

Tgt Ion: 65 Resp: 136808

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	99.4

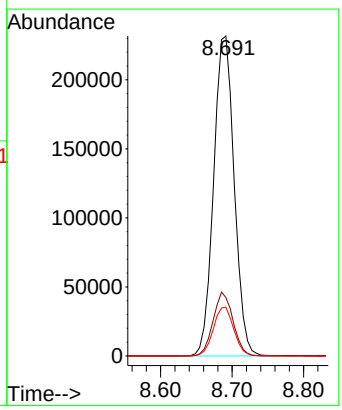


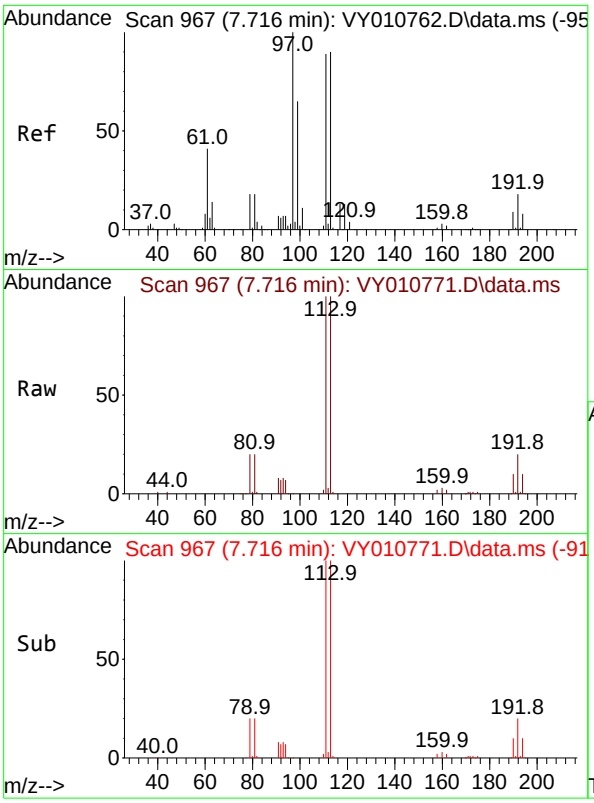


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY010771.D
Acq: 03 Oct 2022 17:12

Tgt Ion:114 Resp: 462910

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	43.2
88	15.2	0.0	31.8



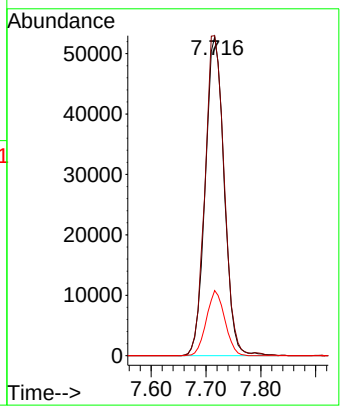


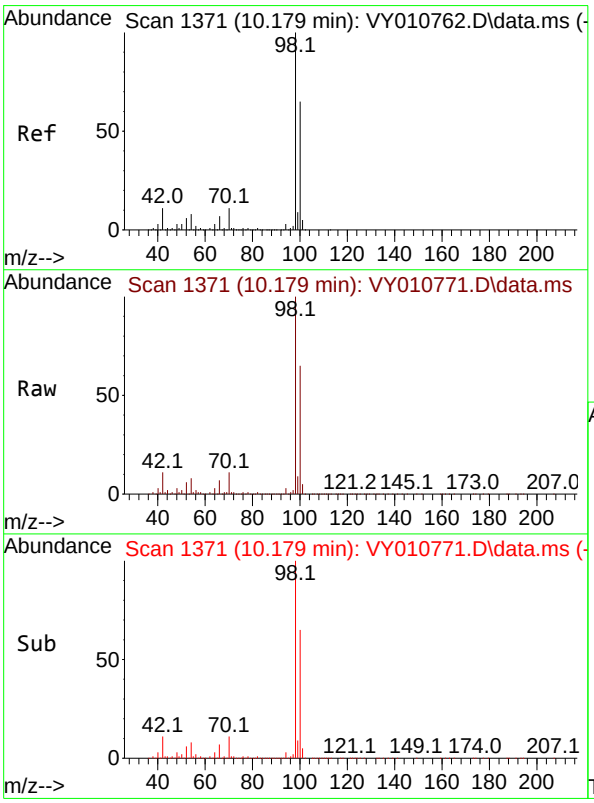
#35
Dibromofluoromethane
Concen: 40.975 ug/l
RT: 7.716 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY010771.D
Acq: 03 Oct 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-092922

Tgt Ion:113 Resp: 125909

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	124.0
192	20.0	17.6	26.4

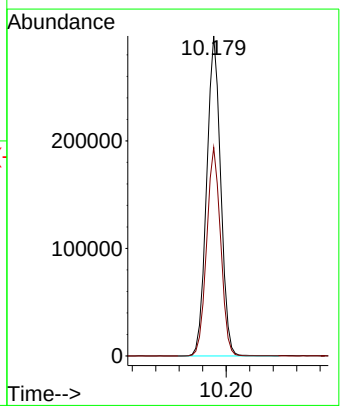


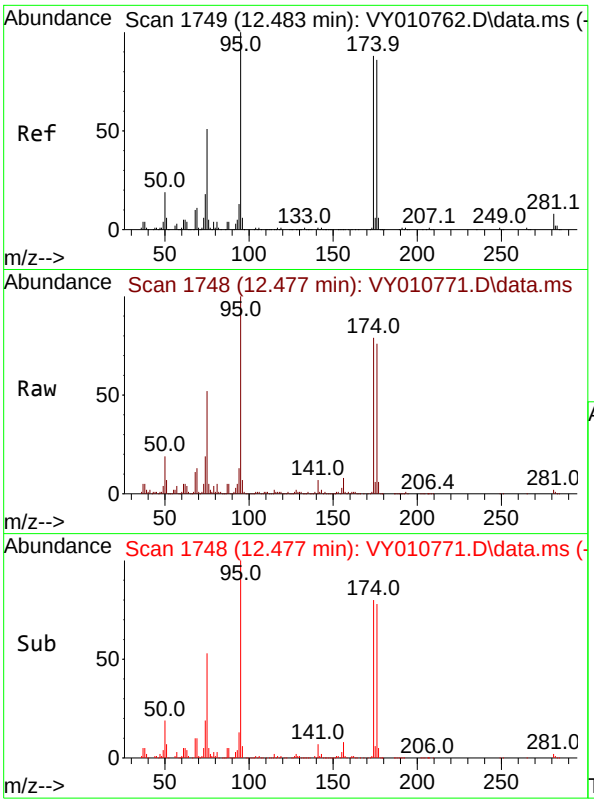


#50
Toluene-d8
Concen: 46.867 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010771.D
Acq: 03 Oct 2022 17:12

Tgt Ion: 98 Resp: 492514

Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.2	75.2



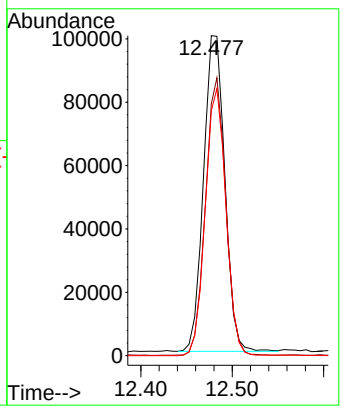


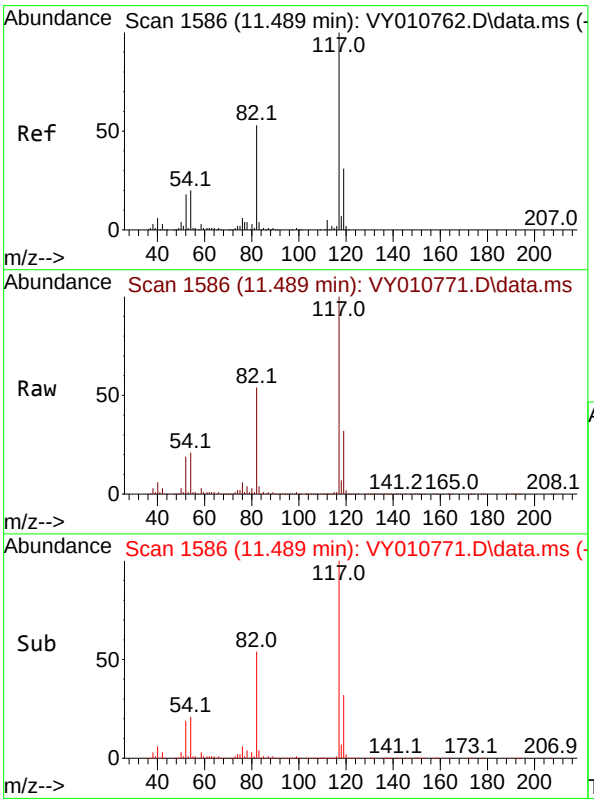
#62
4-Bromofluorobenzene
Concen: 38.322 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY010771.D
Acq: 03 Oct 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-092922

Tgt Ion: 95 Resp: 160862

Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	177.0
176	82.0	0.0	175.8

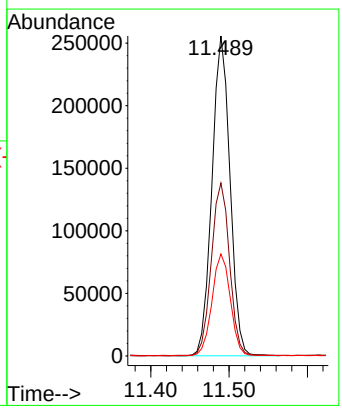


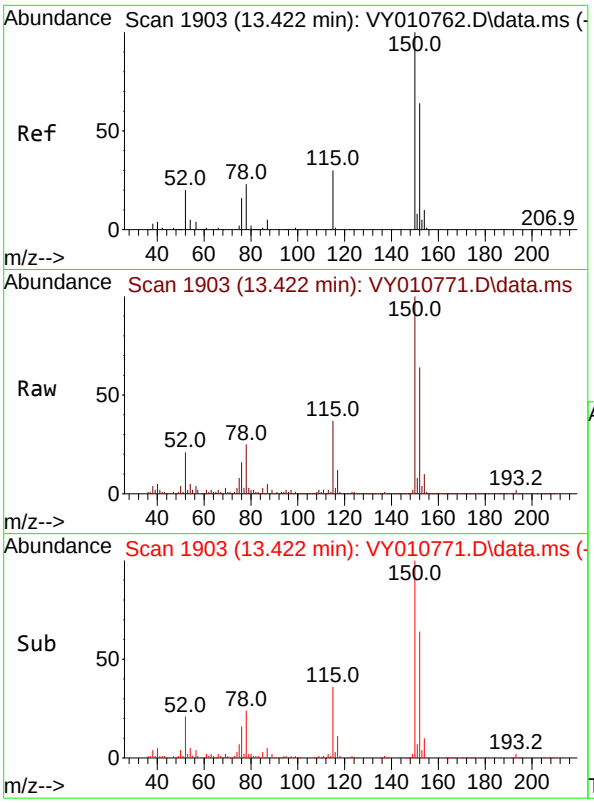


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010771.D
Acq: 03 Oct 2022 17:12

Tgt Ion:117 Resp: 408464

Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.0	64.4
119	31.7	25.4	38.0



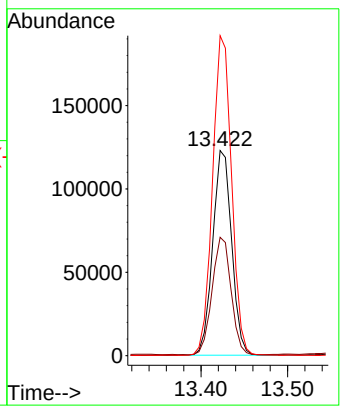


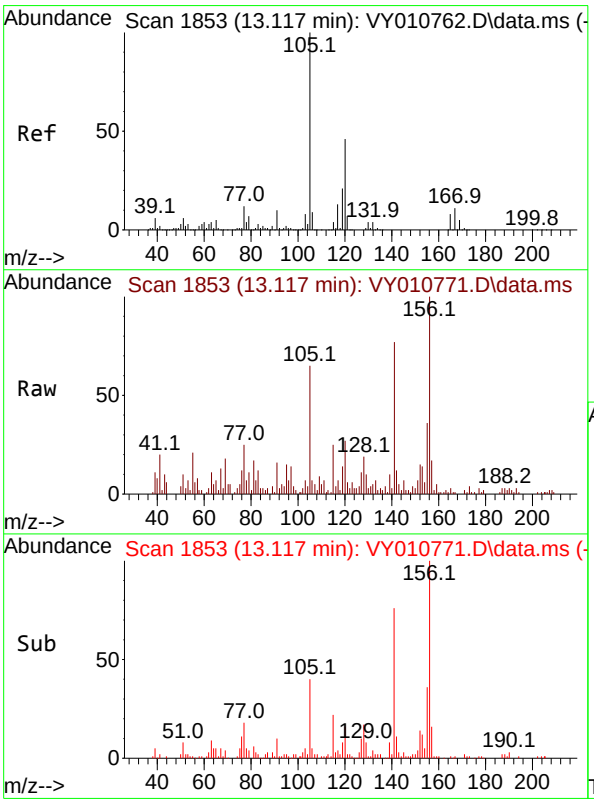
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY010771.D
Acq: 03 Oct 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-092922

Tgt Ion:152 Resp: 186525

Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.2	84.7
150	156.5	0.0	347.6

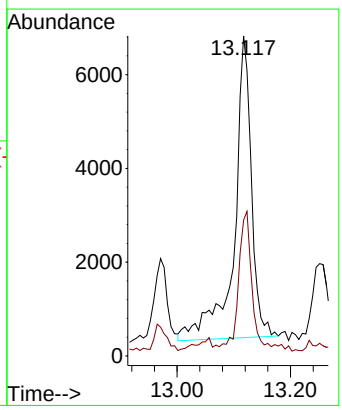


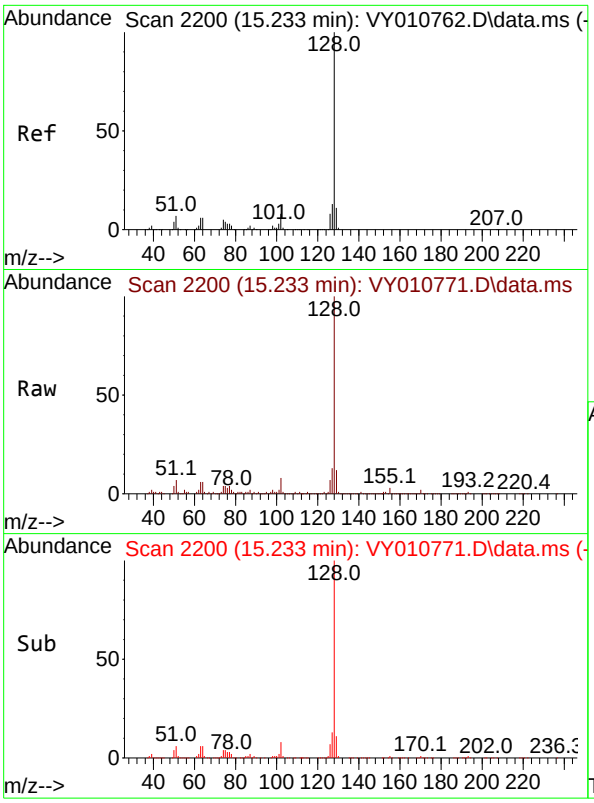


#84
1,2,4-Trimethylbenzene
Concen: 1.192 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010771.D
Acq: 03 Oct 2022 17:12

Tgt Ion:105 Resp: 13590

Ion	Ratio	Lower	Upper
105	100		
120	33.0	22.3	66.9





#95
Naphthalene
Concen: 32.542 ug/l
RT: 15.233 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY010771.D
Acq: 03 Oct 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-092922

Tgt Ion:128 Resp: 202516

Ion	Ratio	Lower	Upper
128	100		
127	13.7	11.0	16.4
129	11.5	8.4	12.6