Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017269.D
Acq On : 06 Feb 2024 17:00
Operator : SY/MD
Sample : P1334-05RE
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-020124RE

Quant Time: Feb 06 17:16:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	72695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	133427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	117563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	43501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	50071	77.102	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 154.200%			
35) Dibromofluoromethane	7.728	113	45706	63.443	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 126.880%			
50) Toluene-d8	10.185	98	155604	59.323	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 118.640%			
62) 4-Bromofluorobenzene	12.489	95	43672	50.826	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.660%			
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	5343	3.582	ug/l	98

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

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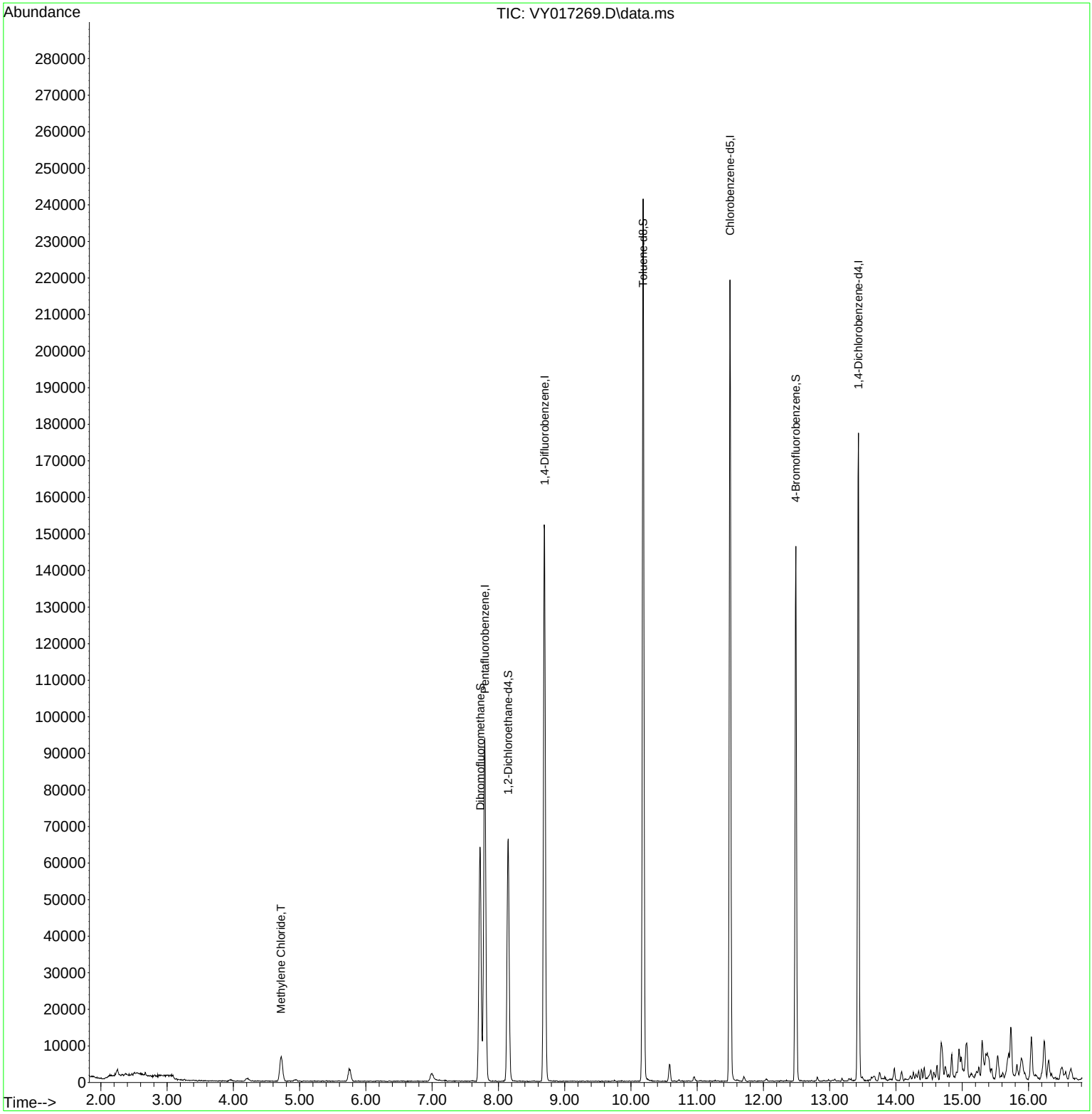
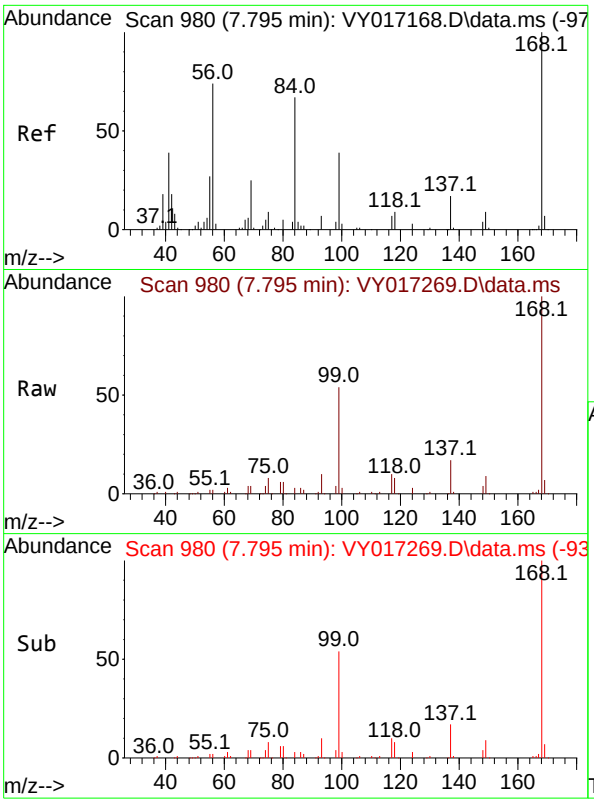


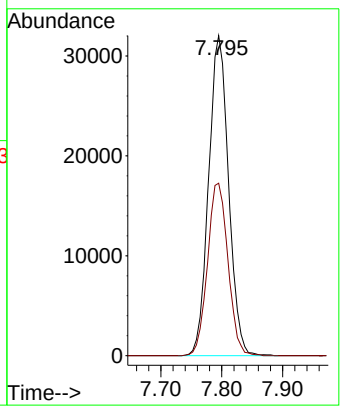


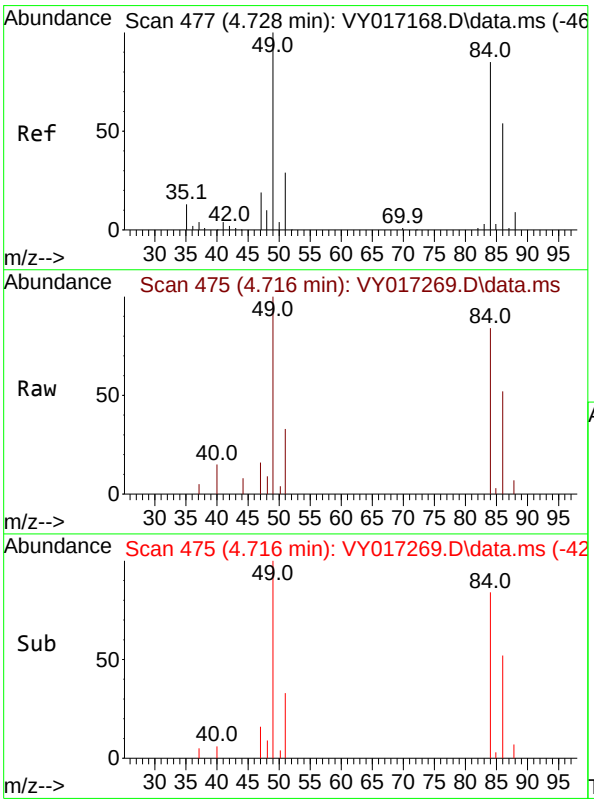
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY017269.D
Acq: 06 Feb 2024 17:00

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-020124RE

Tgt Ion:168 Resp: 72695

Ion	Ratio	Lower	Upper
168	100		
99	53.9	44.2	66.4

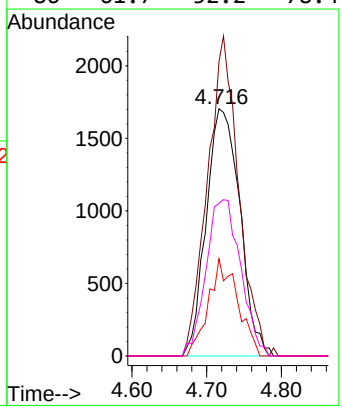


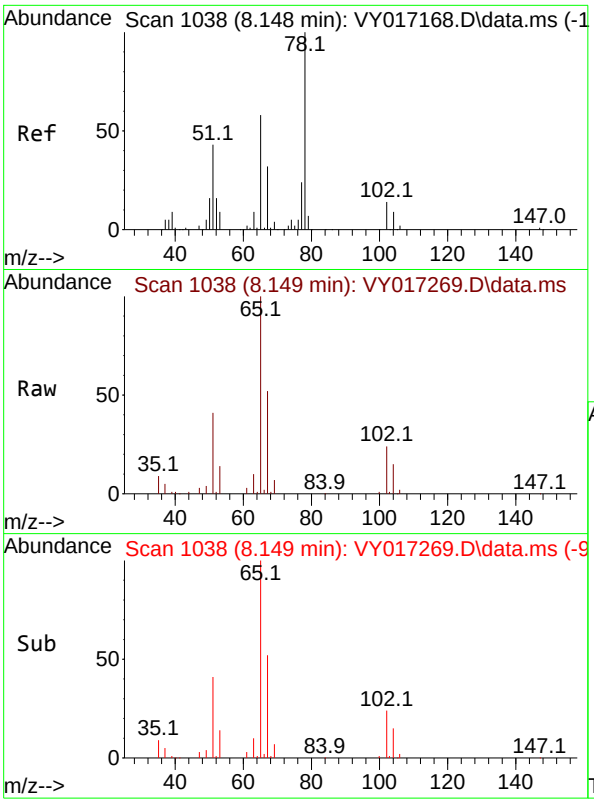


#20
Methylene Chloride
Concen: 3.582 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY017269.D
Acq: 06 Feb 2024 17:00

Tgt Ion: 84 Resp: 5343

Ion	Ratio	Lower	Upper
84	100		
49	119.0	95.2	142.8
51	39.3	29.9	44.9
86	61.7	52.2	78.4



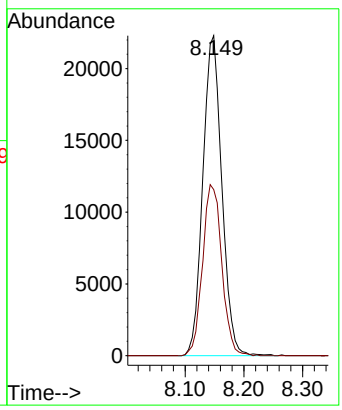


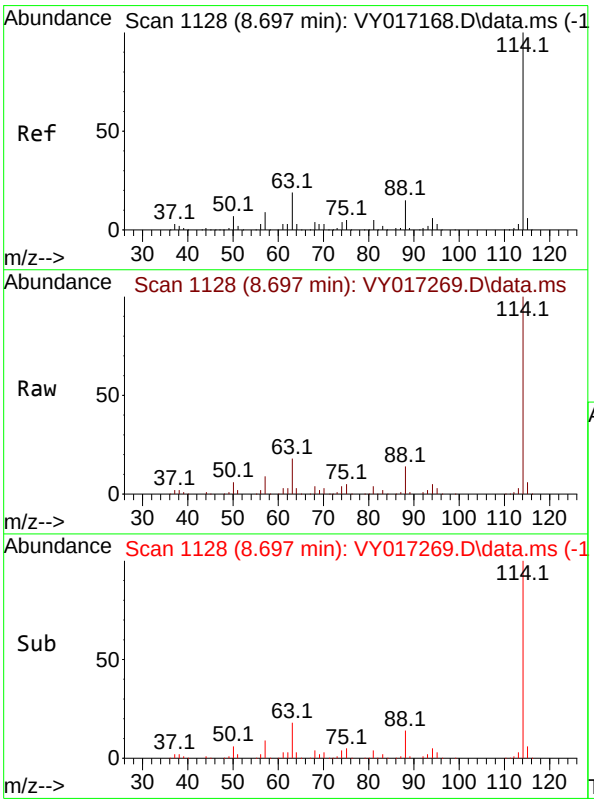
#33
1,2-Dichloroethane-d4
Concen: 77.102 ug/l
RT: 8.149 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY017269.D
Acq: 06 Feb 2024 17:00

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-020124RE

Tgt Ion: 65 Resp: 50071

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	109.0

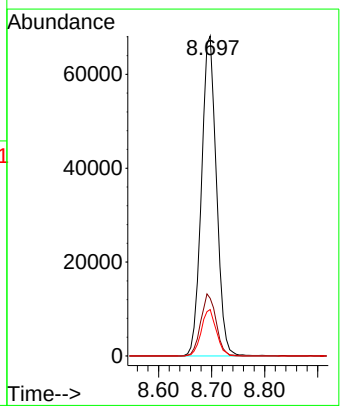


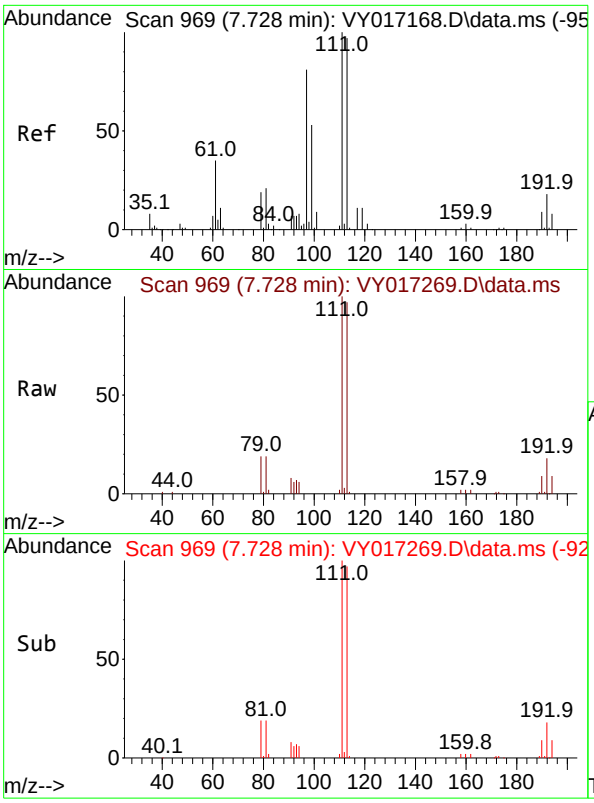


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017269.D
Acq: 06 Feb 2024 17:00

Tgt Ion:114 Resp: 133427

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	37.4
88	14.5	0.0	29.0



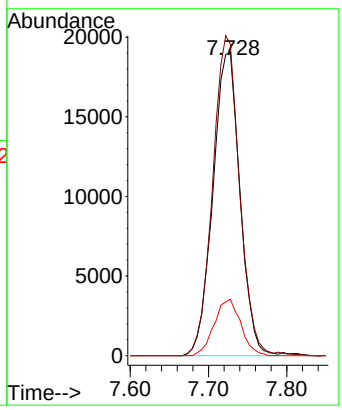


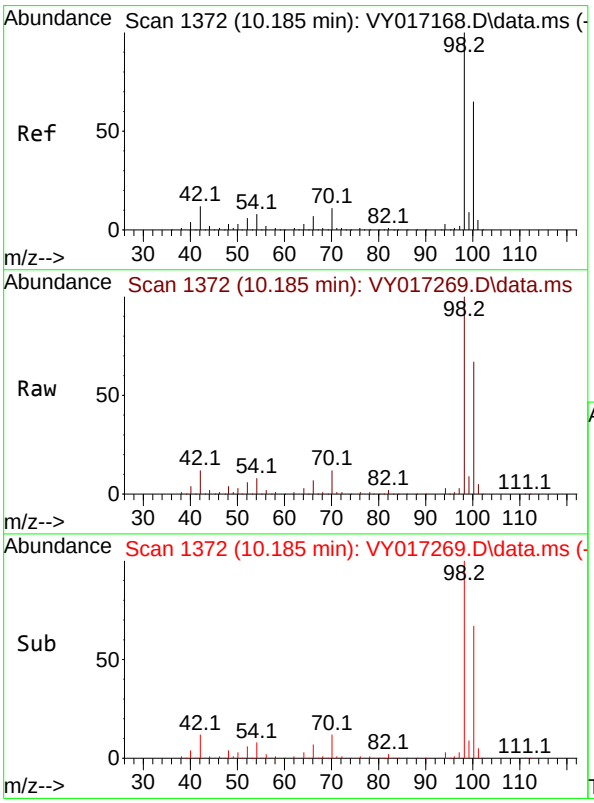
#35
Dibromofluoromethane
Concen: 63.443 ug/l
RT: 7.728 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY017269.D
Acq: 06 Feb 2024 17:00

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-020124RE

Tgt Ion:113 Resp: 45706

Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.8	125.6
192	18.3	14.5	21.7

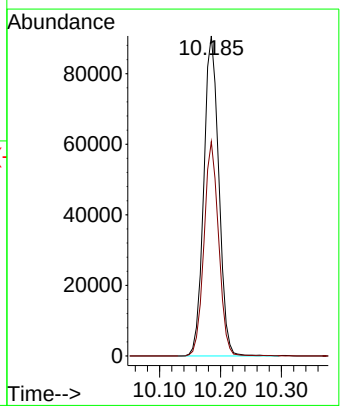


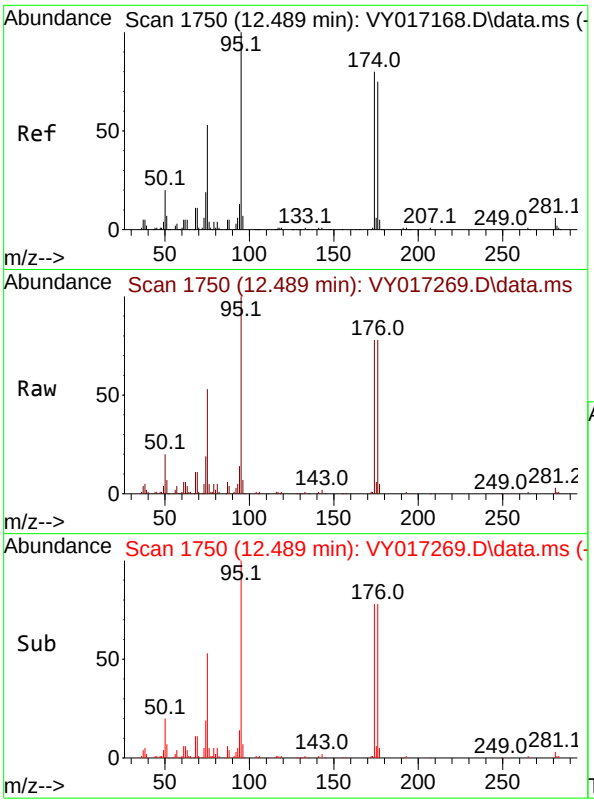


#50
Toluene-d8
Concen: 59.323 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017269.D
Acq: 06 Feb 2024 17:00

Tgt Ion: 98 Resp: 155604

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.3	78.5



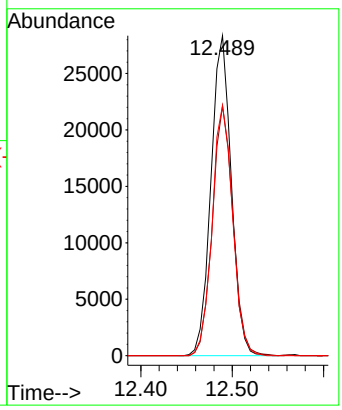


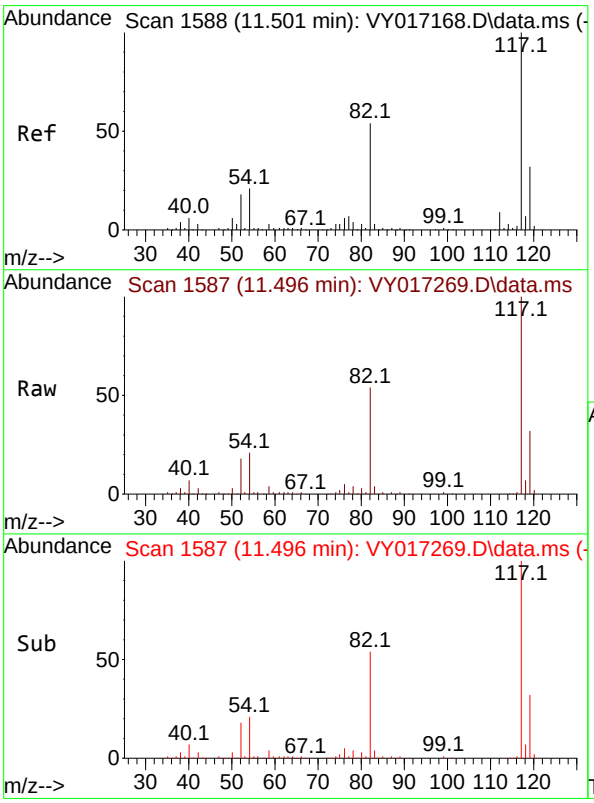
#62
4-Bromofluorobenzene
Concen: 50.826 ug/l
RT: 12.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY017269.D
Acq: 06 Feb 2024 17:00

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-020124RE

Tgt Ion: 95 Resp: 43672

Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	160.0
176	79.0	0.0	151.8

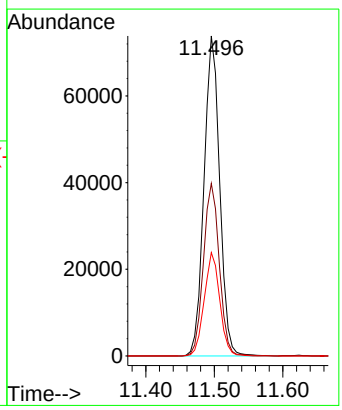


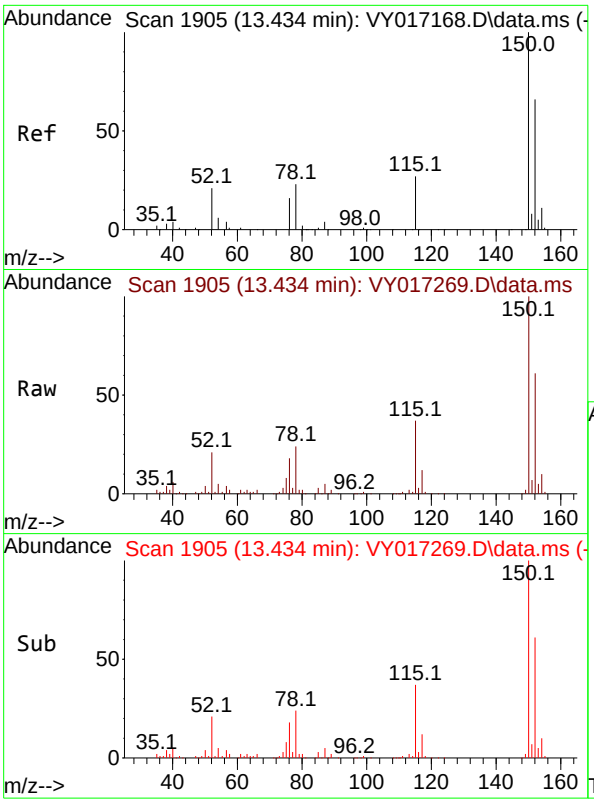


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017269.D
Acq: 06 Feb 2024 17:00

Tgt Ion:117 Resp: 117563

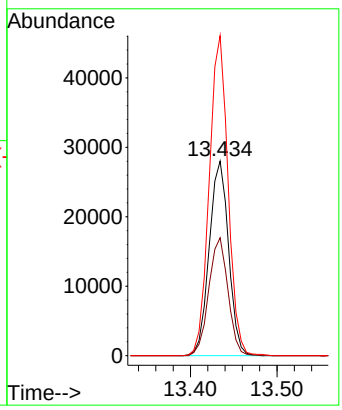
Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.8	65.8
119	32.3	26.5	39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY017269.D
Acq: 06 Feb 2024 17:00

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-020124RE

Tgt Ion:152 Resp: 43501

Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.0	90.0
150	159.6	0.0	344.6