Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052324\
Data File : VY018358.D
Acq On : 23 May 2024 13:40
Operator : SY/MD
Sample : P2578-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-052224

Quant Time: May 24 01:16:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	23907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	44567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	36542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	11419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	13553	59.837	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.680%			
35) Dibromofluoromethane	7.710	113	13070	50.290	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.580%			
50) Toluene-d8	10.179	98	50264	49.606	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.220%			
62) 4-Bromofluorobenzene	12.477	95	12888	41.163	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 82.320%			
Target Compounds						Qvalue
16) Acetone	3.936	43	1974	42.374	ug/l	89
20) Methylene Chloride	4.698	84	3863	10.586	ug/l #	85

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

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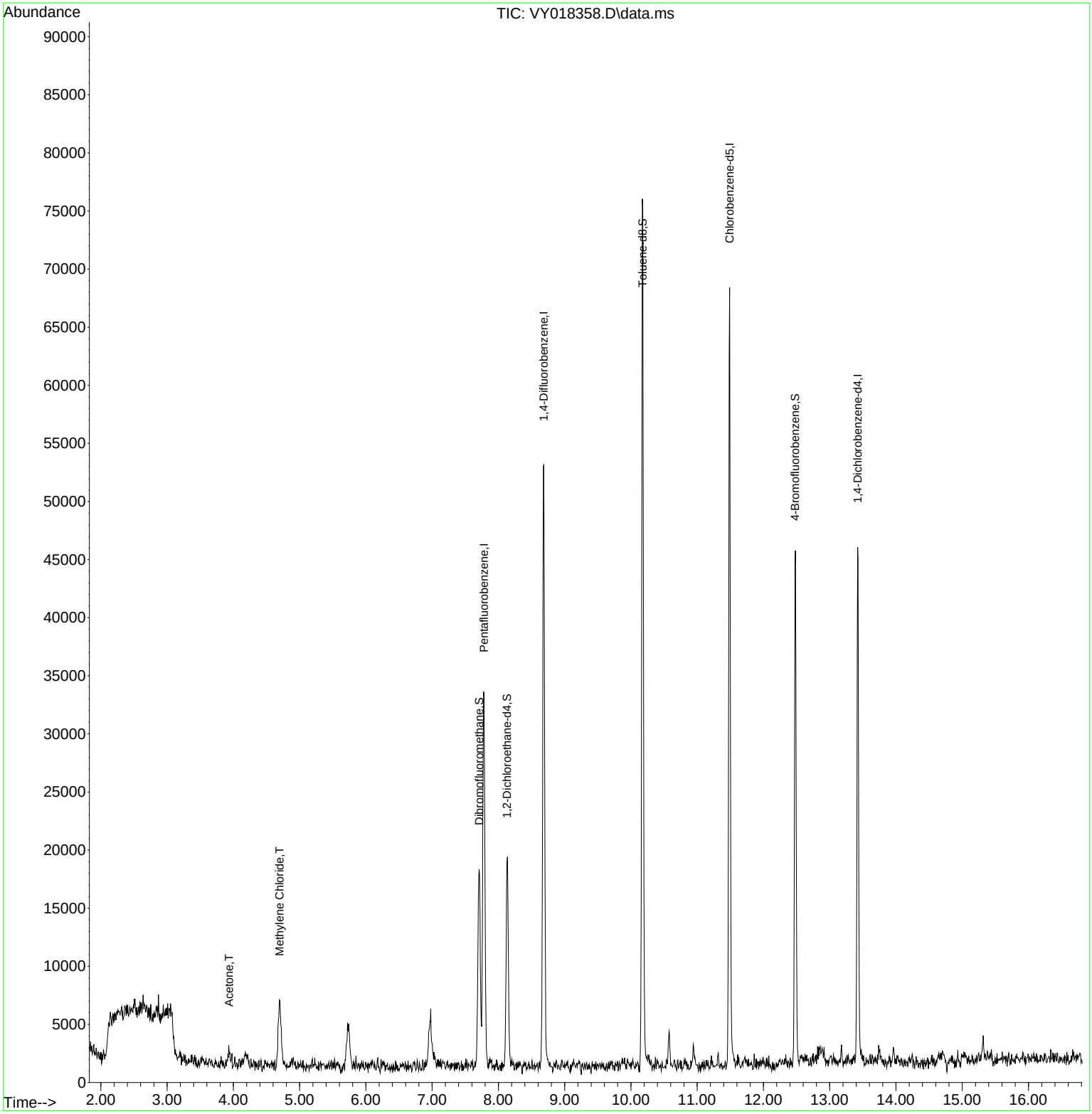
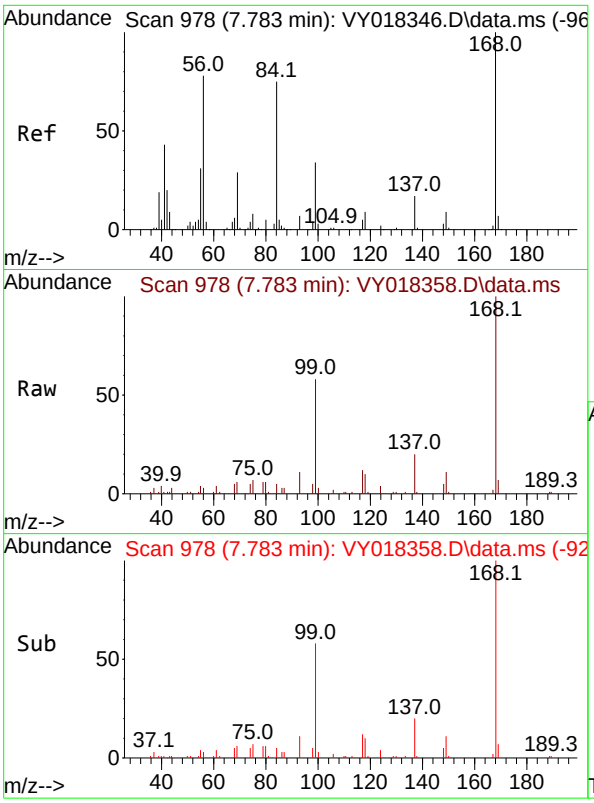


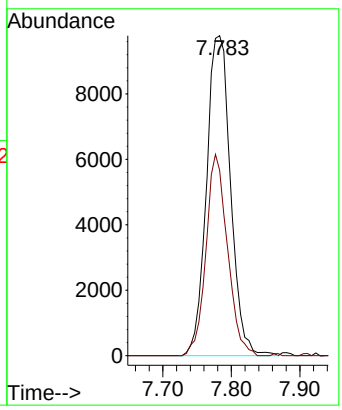


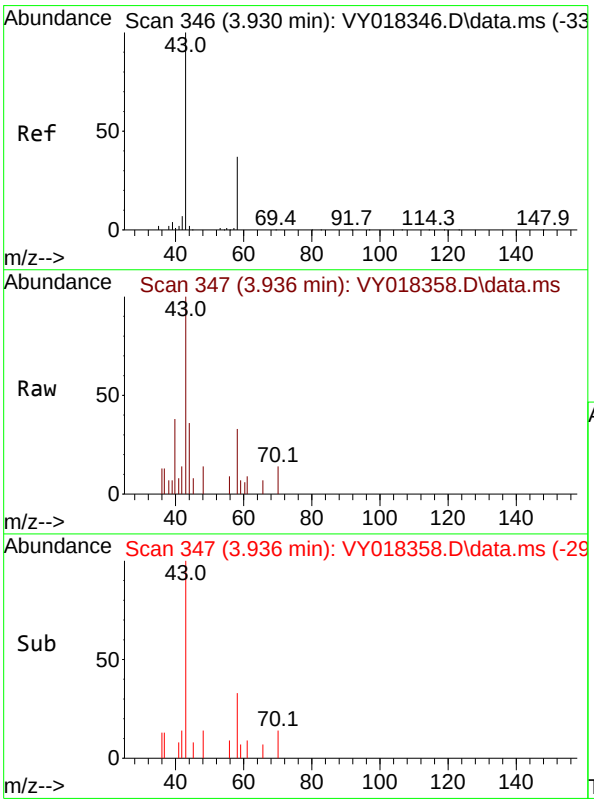
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY018358.D
Acq: 23 May 2024 13:40

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-052224

Tgt Ion:168 Resp: 23907

Ion	Ratio	Lower	Upper
168	100		
99	57.9	39.1	58.7

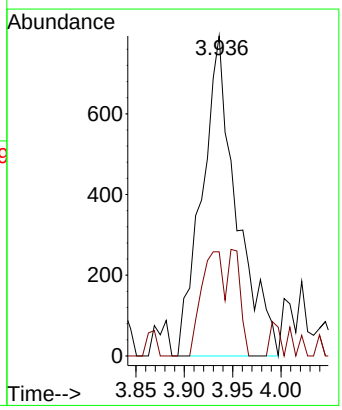


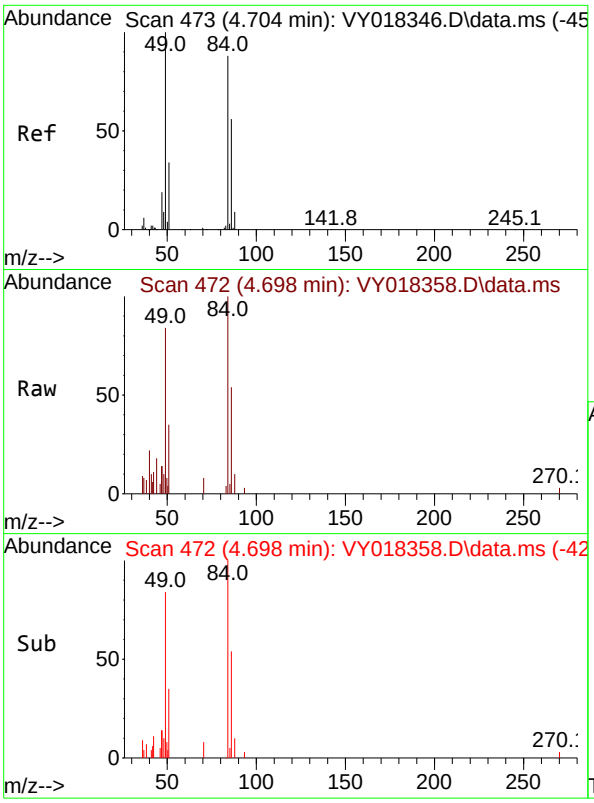


#16
Acetone
Concen: 42.374 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018358.D
Acq: 23 May 2024 13:40

Tgt Ion: 43 Resp: 1974

Ion	Ratio	Lower	Upper
43	100		
58	32.5	31.7	47.5



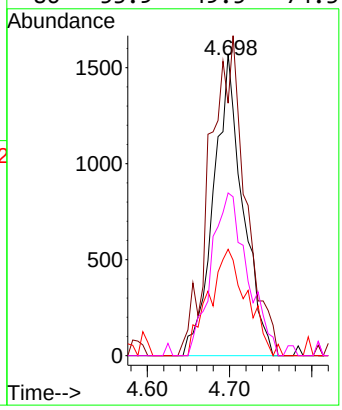


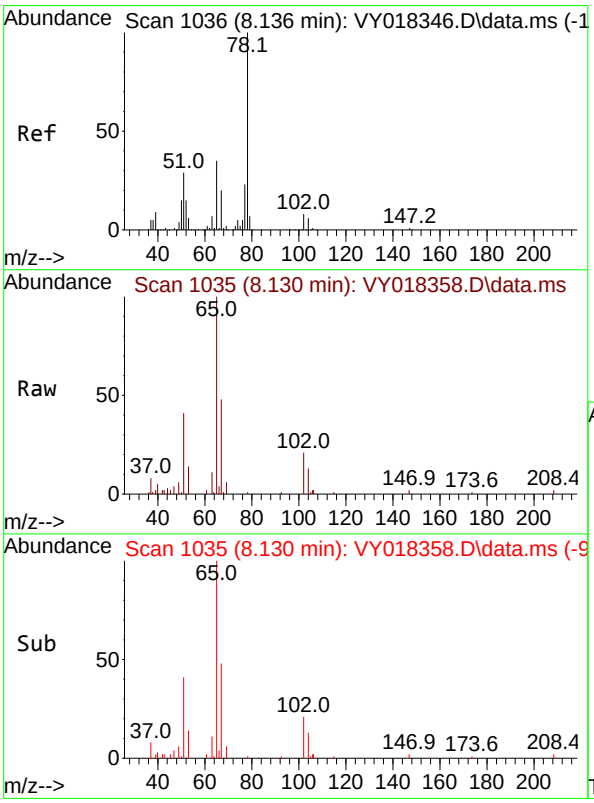
#20
Methylene Chloride
Concen: 10.586 ug/l
RT: 4.698 min Scan# 4
Delta R.T. -0.006 min
Lab File: VY018358.D
Acq: 23 May 2024 13:40

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-052224

Tgt Ion: 84 Resp: 3863

Ion	Ratio	Lower	Upper
84	100		
49	83.7	84.4	126.6#
51	35.2	26.0	39.0
86	53.9	49.5	74.3

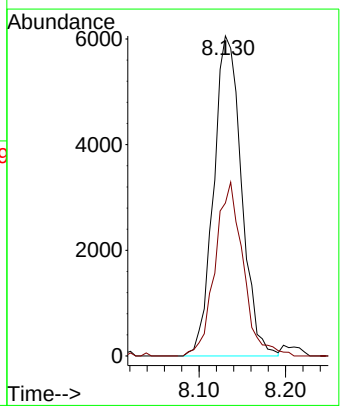


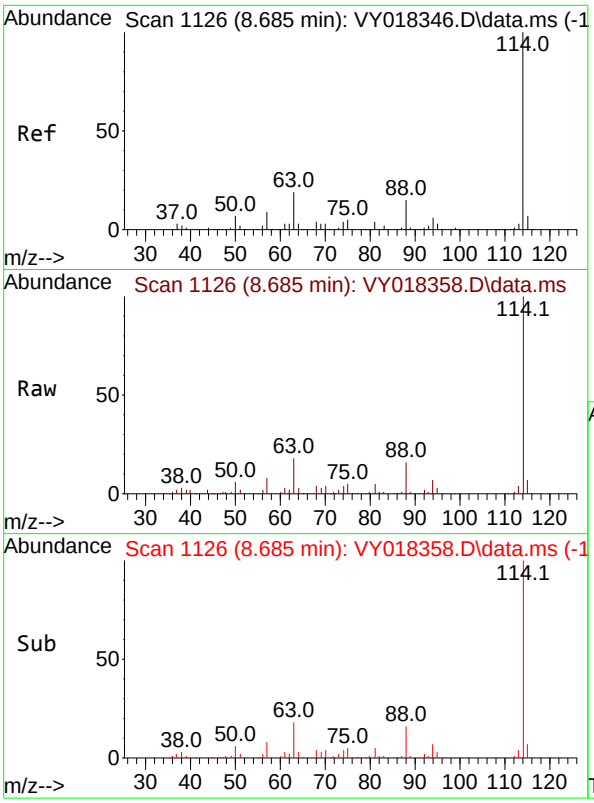


#33
1,2-Dichloroethane-d4
Concen: 59.837 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018358.D
Acq: 23 May 2024 13:40

Tgt Ion: 65 Resp: 13553

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	109.6



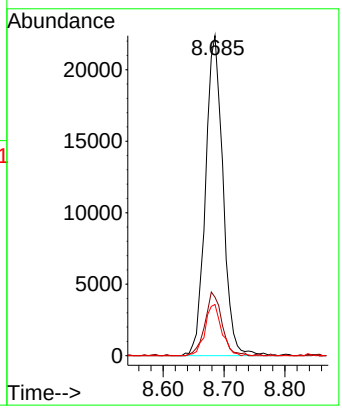


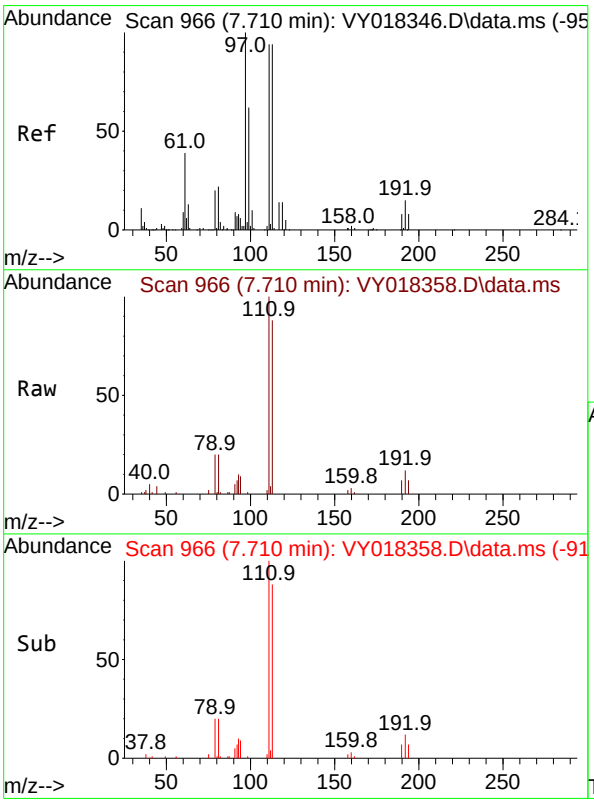
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018358.D
Acq: 23 May 2024 13:40

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-052224

Tgt Ion:114 Resp: 44567

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.0
88	16.0	0.0	27.2

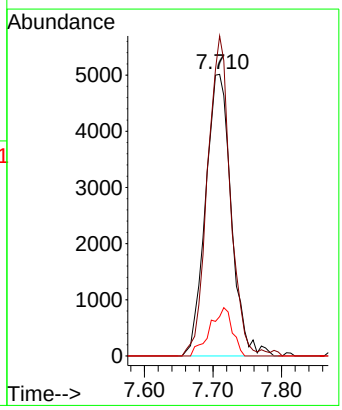


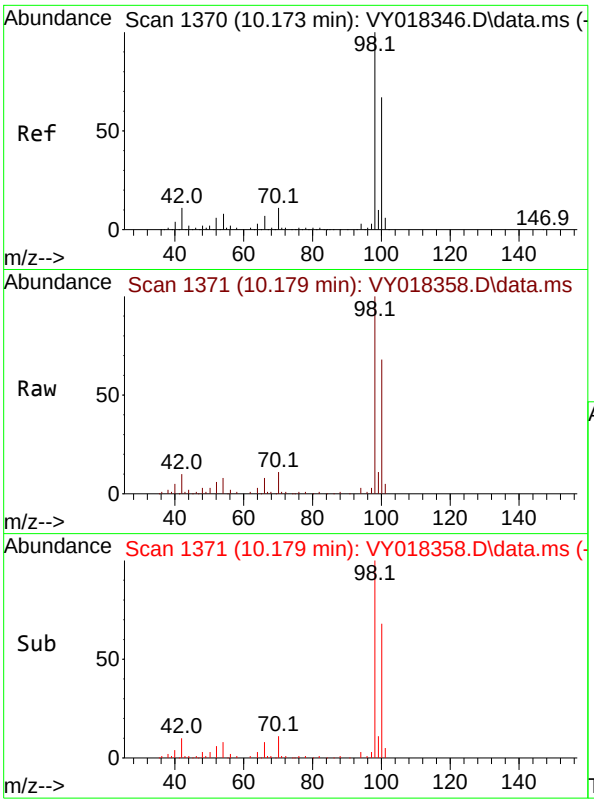


#35
Dibromofluoromethane
Concen: 50.290 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY018358.D
Acq: 23 May 2024 13:40

Tgt Ion:113 Resp: 13070

Ion	Ratio	Lower	Upper
113	100		
111	100.2	82.2	123.4
192	14.9	15.9	23.9#



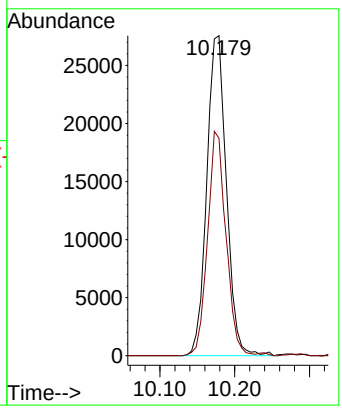


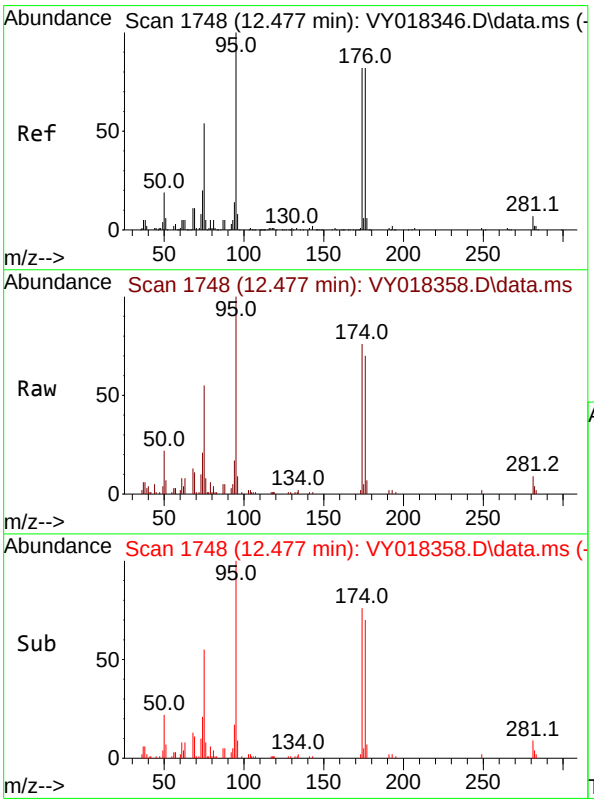
#50
Toluene-d8
Concen: 49.606 ug/l
RT: 10.179 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY018358.D
Acq: 23 May 2024 13:40

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-052224

Tgt Ion: 98 Resp: 50264

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.0	78.0

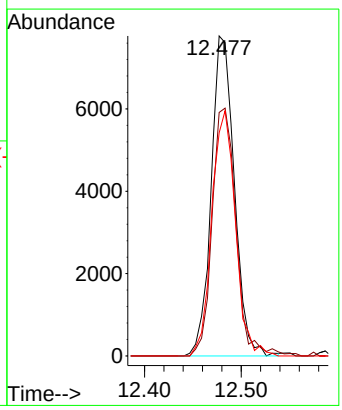


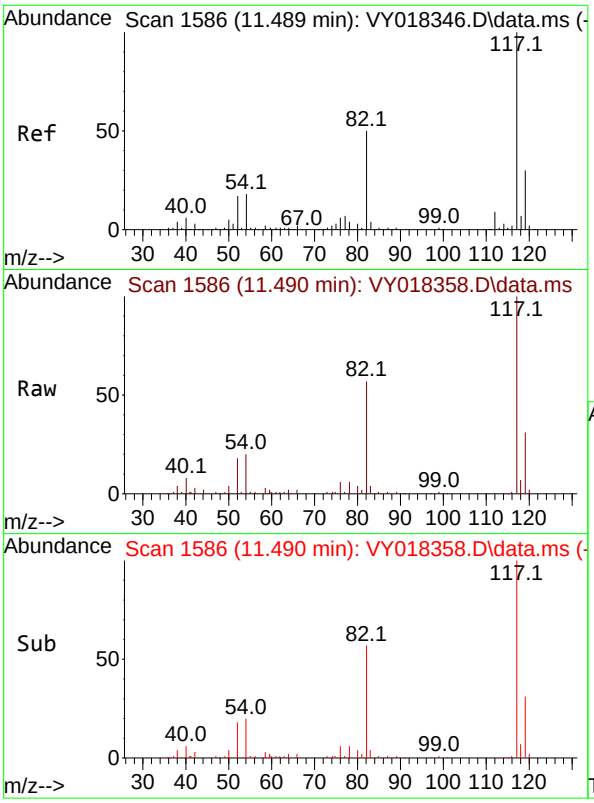


#62
4-Bromofluorobenzene
Concen: 41.163 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018358.D
Acq: 23 May 2024 13:40

Tgt Ion: 95 Resp: 12888

Ion	Ratio	Lower	Upper
95	100		
174	80.0	0.0	175.6
176	78.2	0.0	171.4



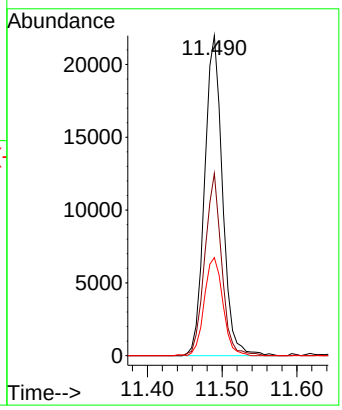


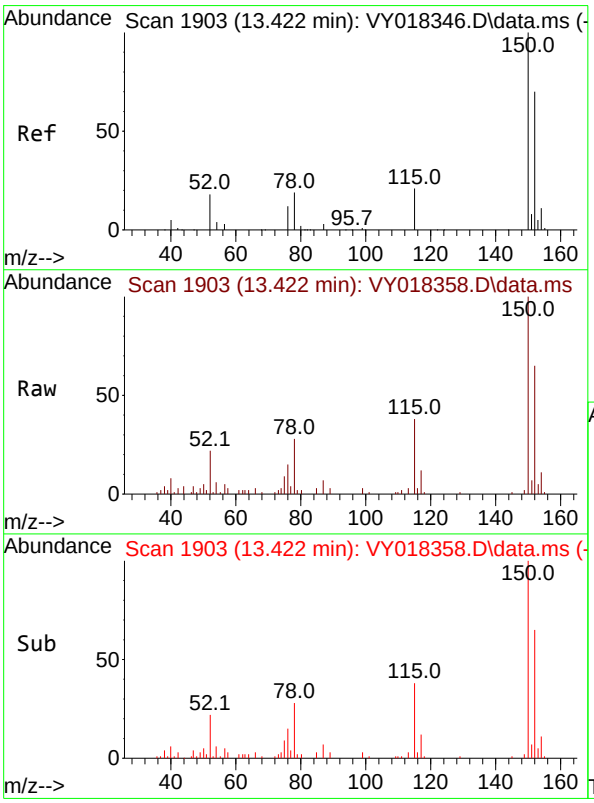
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018358.D
Acq: 23 May 2024 13:40

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-052224

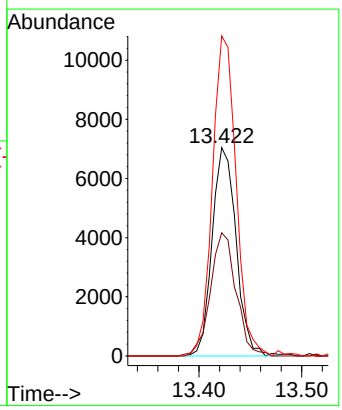
Tgt Ion:117 Resp: 36542

Ion	Ratio	Lower	Upper
117	100		
82	56.9	42.4	63.6
119	30.7	25.9	38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018358.D
Acq: 23 May 2024 13:40

Tgt Ion:152 Resp: 11419

Ion	Ratio	Lower	Upper
152	100		
115	63.1	28.2	84.7
150	151.0	0.0	345.6