Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
Data File : VY016389.D
Acq On : 16 Nov 2023 14:53
Operator : SY/MD
Sample : 05448-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-111523

Quant Time: Nov 17 04:07:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	28738	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	48449	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	44793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	16912	64.389	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.780%			
35) Dibromofluoromethane	7.722	113	16001	58.139	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.280%			
50) Toluene-d8	10.179	98	56659	50.766	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.540%			
62) 4-Bromofluorobenzene	12.483	95	17222	47.511	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.020%			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	414	1.256	ug/l	98
16) Acetone	3.948	43	2345	53.975	ug/l #	85
20) Methylene Chloride	4.704	84	2820	6.134	ug/l #	83

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

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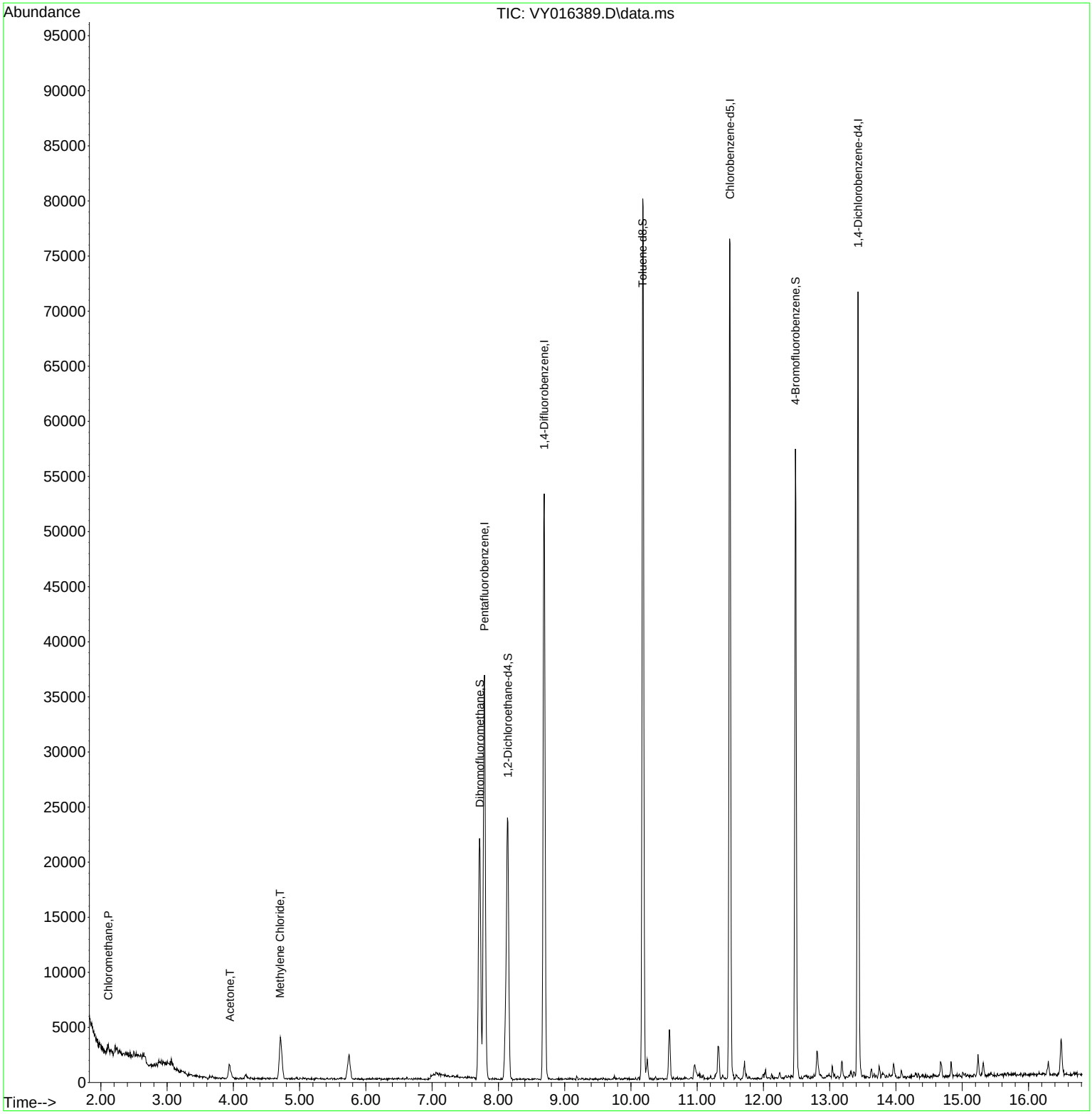
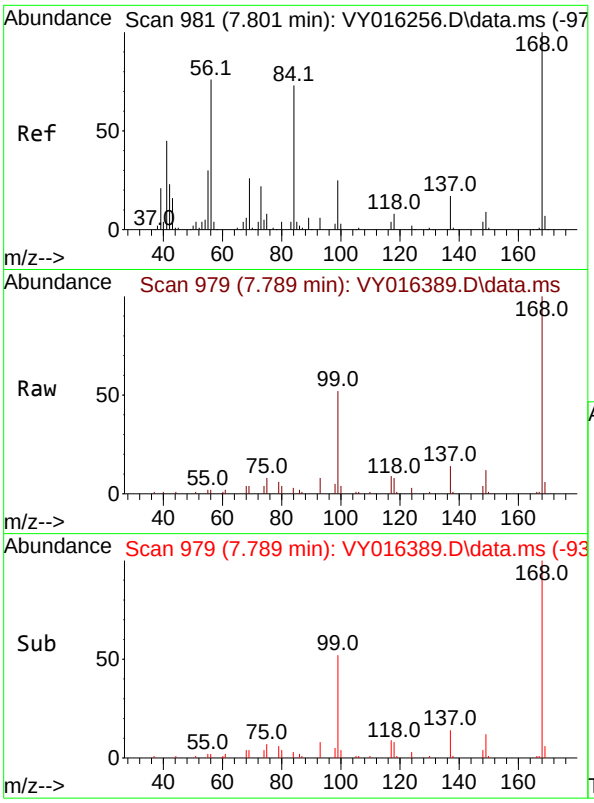


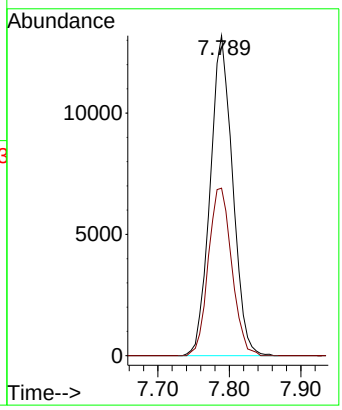


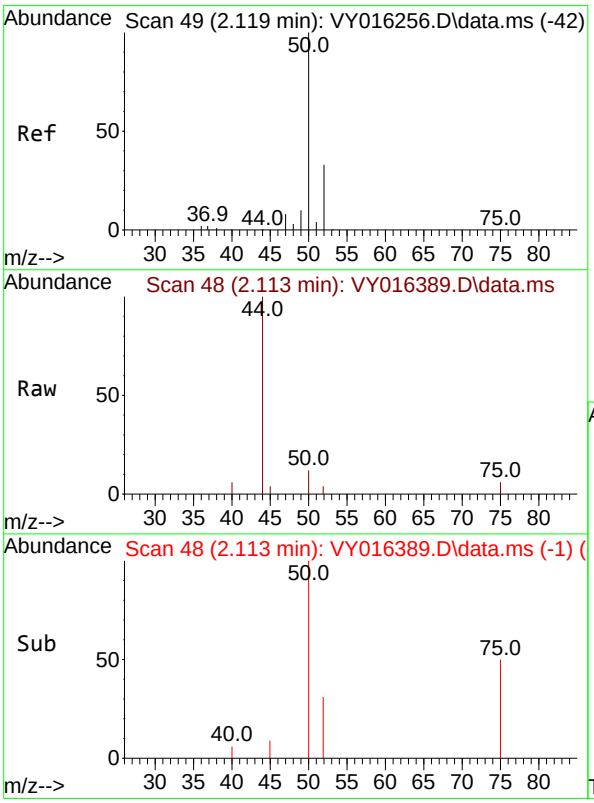
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY016389.D
Acq: 16 Nov 2023 14:53

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-111523

Tgt Ion:168 Resp: 28738

Ion	Ratio	Lower	Upper
168	100		
99	52.4	43.4	65.0

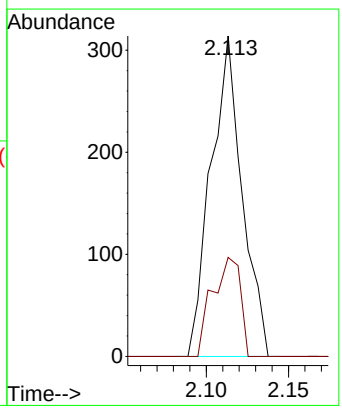


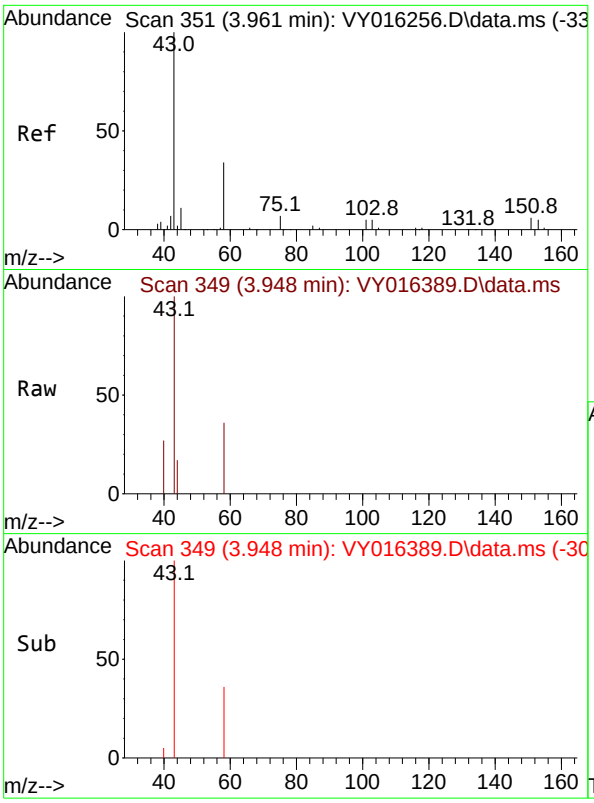


#3
Chloromethane
Concen: 1.256 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY016389.D
Acq: 16 Nov 2023 14:53

Tgt Ion: 50 Resp: 414

Ion	Ratio	Lower	Upper
50	100		
52	30.9	25.4	38.2



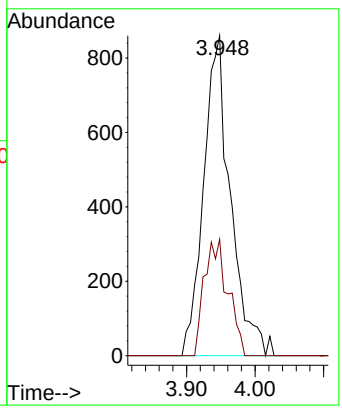


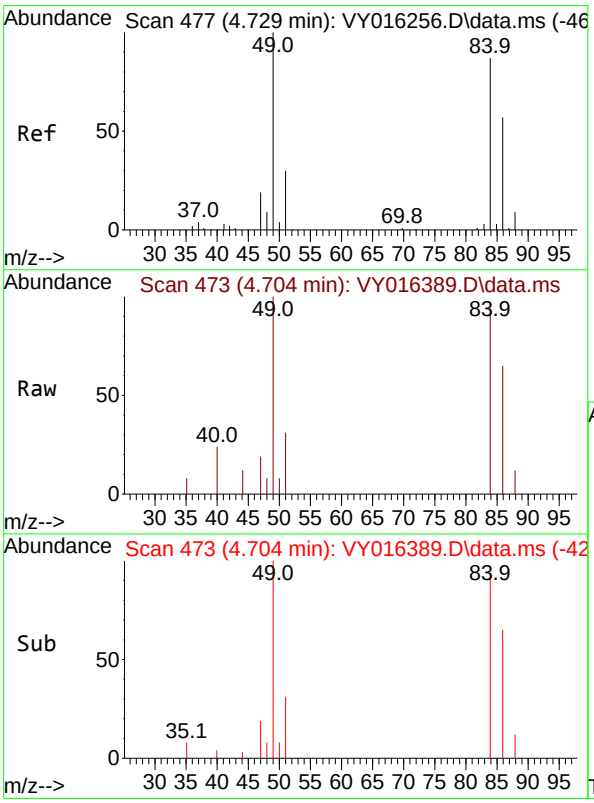
#16
Acetone
Concen: 53.975 ug/l
RT: 3.948 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY016389.D
Acq: 16 Nov 2023 14:53

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-111523

Tgt Ion: 43 Resp: 2345

Ion	Ratio	Lower	Upper
43	100		
58	36.4	22.7	34.1#

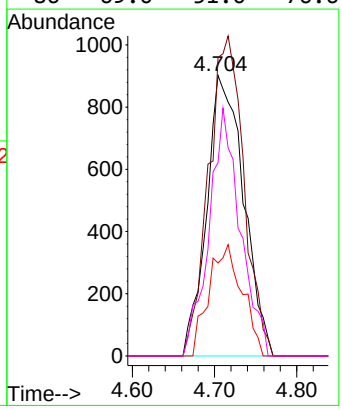


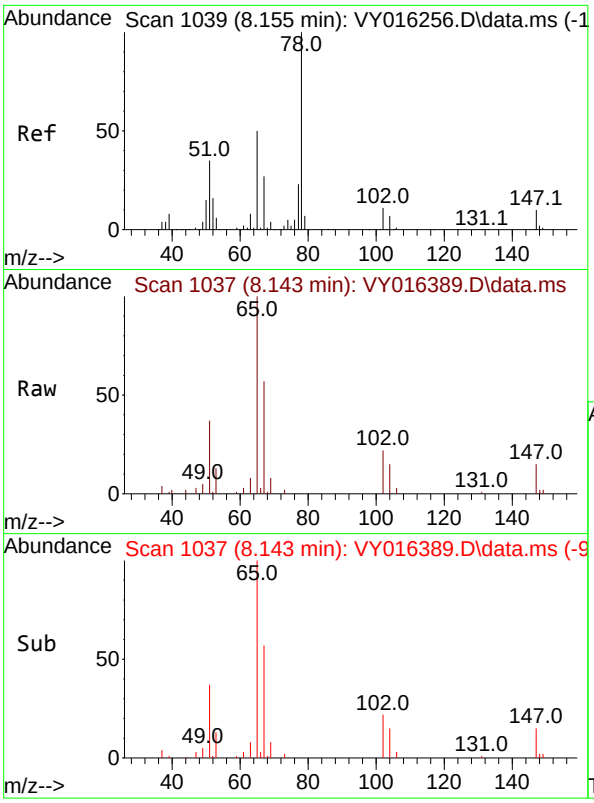


#20
Methylene Chloride
Concen: 6.134 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.025 min
Lab File: VY016389.D
Acq: 16 Nov 2023 14:53

Tgt Ion: 84 Resp: 2820

Ion	Ratio	Lower	Upper
84	100		
49	106.4	106.9	160.3#
51	33.1	33.2	49.8#
86	69.0	51.0	76.6



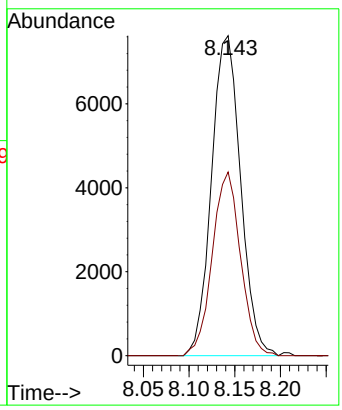


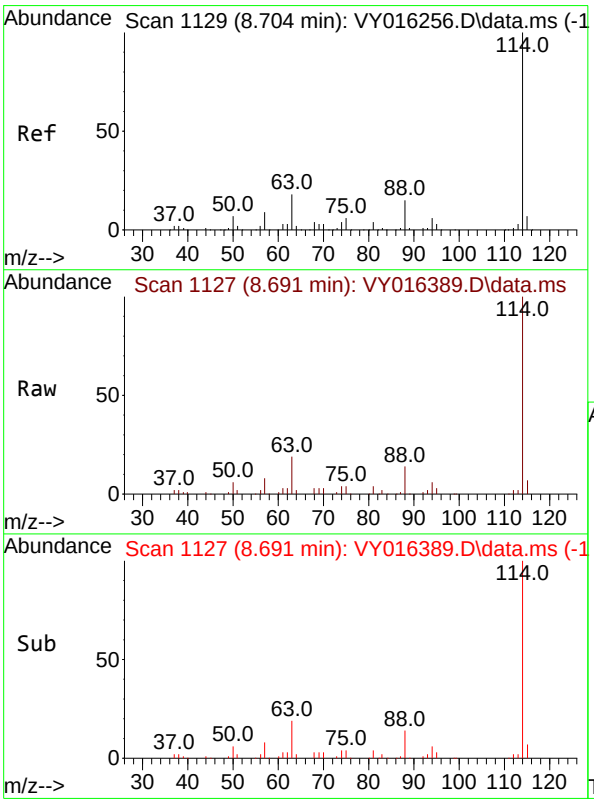
#33
1,2-Dichloroethane-d4
Concen: 64.389 ug/l
RT: 8.143 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY016389.D
Acq: 16 Nov 2023 14:53

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-111523

Tgt Ion: 65 Resp: 16912

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	101.8

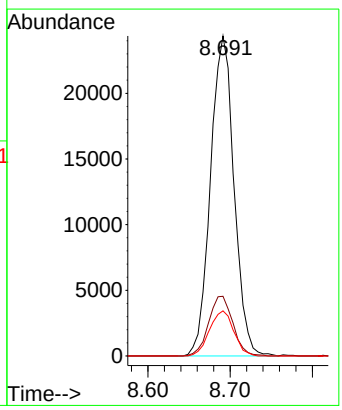


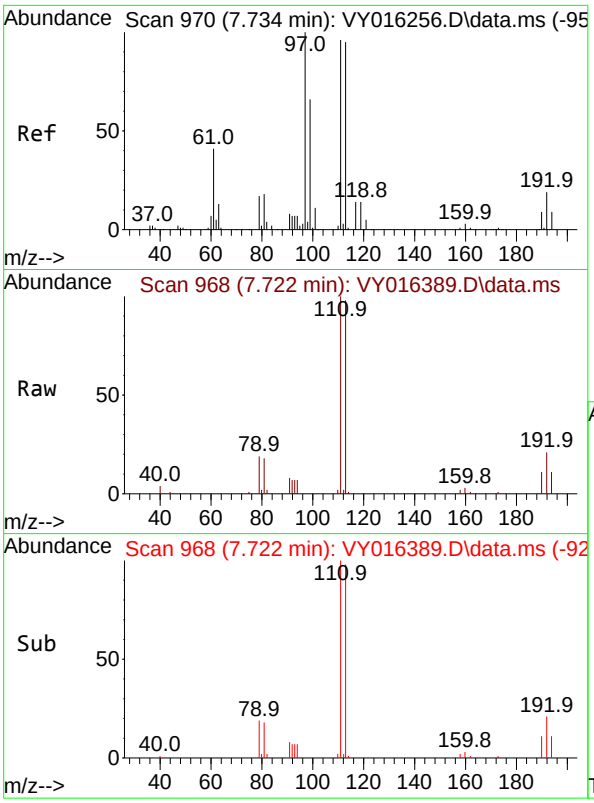


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.012 min
Lab File: VY016389.D
Acq: 16 Nov 2023 14:53

Tgt Ion:114 Resp: 48449

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	42.4
88	14.1	0.0	30.6



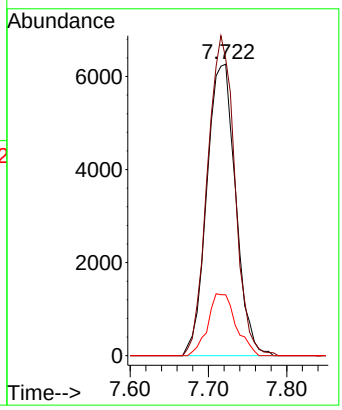


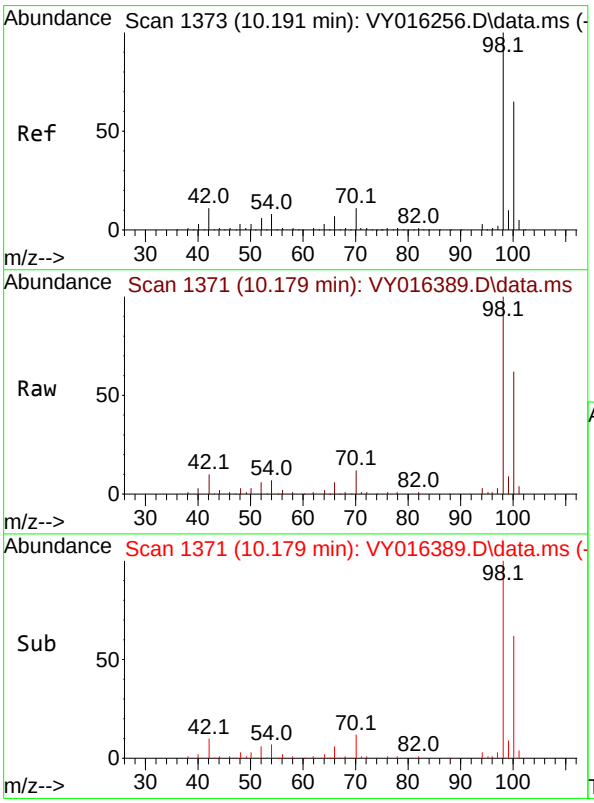
#35
Dibromofluoromethane
Concen: 58.139 ug/l
RT: 7.722 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY016389.D
Acq: 16 Nov 2023 14:53

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-111523

Tgt Ion:113 Resp: 16001

Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.3	121.9
192	20.6	16.9	25.3

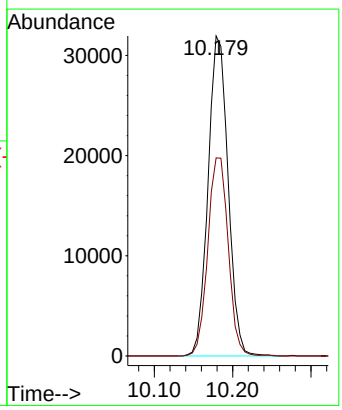


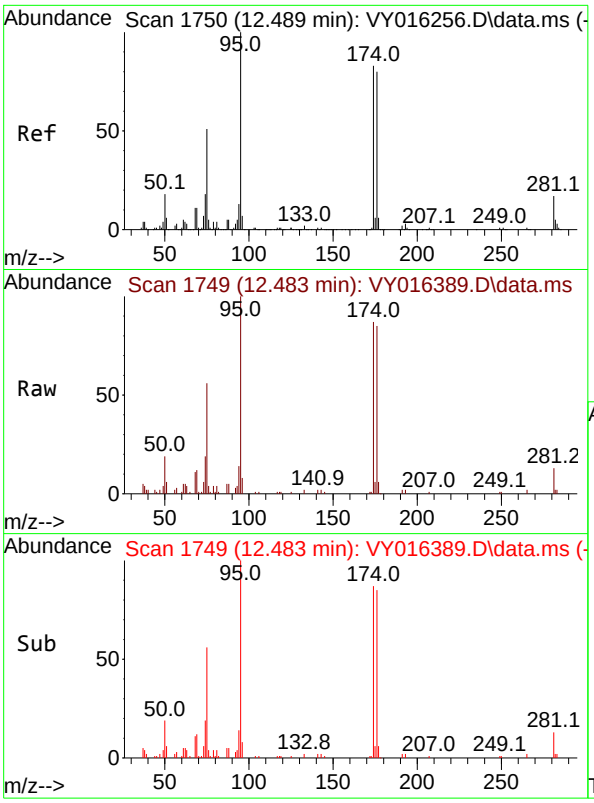


#50
Toluene-d8
Concen: 50.766 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.012 min
Lab File: VY016389.D
Acq: 16 Nov 2023 14:53

Tgt Ion: 98 Resp: 56659

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.1	75.1



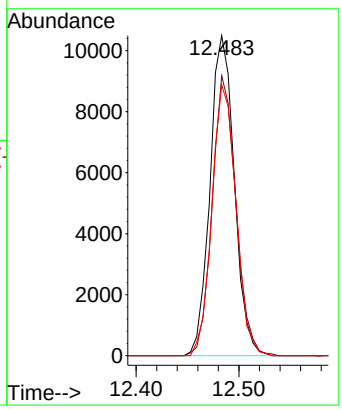


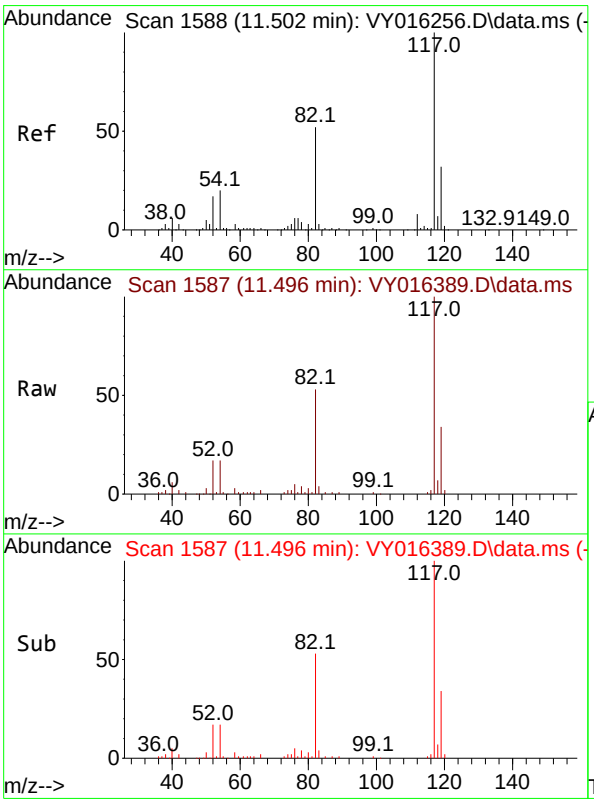
#62
4-Bromofluorobenzene
Concen: 47.511 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY016389.D
Acq: 16 Nov 2023 14:53

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-111523

Tgt Ion: 95 Resp: 17222

Ion	Ratio	Lower	Upper
95	100		
174	84.8	0.0	178.2
176	84.0	0.0	173.8

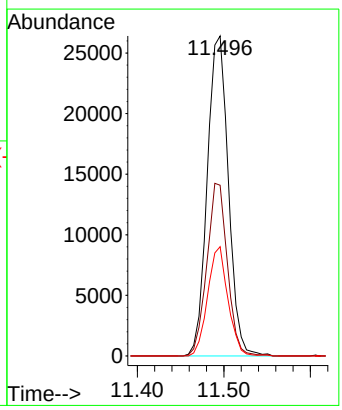


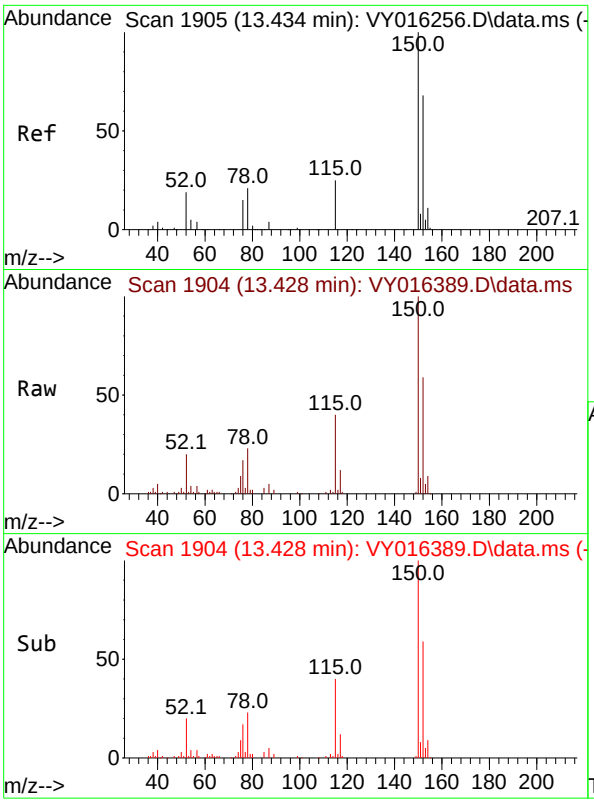


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016389.D
Acq: 16 Nov 2023 14:53

Tgt Ion:117 Resp: 44793

Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.4	65.0
119	34.2	26.3	39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY016389.D
Acq: 16 Nov 2023 14:53

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-111523

Tgt Ion:152 Resp: 18296

Ion	Ratio	Lower	Upper
152	100		
115	60.8	28.8	86.5
150	163.0	0.0	348.8