Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
Data File : VY018081.D
Acq On : 29 Apr 2024 20:17
Operator : SY/MD
Sample : P2309-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-042924

Quant Time: Apr 30 01:04:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	130592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	213533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	187645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54959	48.632	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.260%			
35) Dibromofluoromethane	7.710	113	72059	54.699	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.400%			
50) Toluene-d8	10.179	98	239535	47.919	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.840%			
62) 4-Bromofluorobenzene	12.483	95	61604	39.793	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 79.580%			
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	10982	7.259	ug/l	89
80) 1,3,5-Trimethylbenzene	12.812	105	9514	2.157	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	28528	6.496	ug/l	96
89) n-Butylbenzene	13.696	91	5588	1.195	ug/l #	76

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

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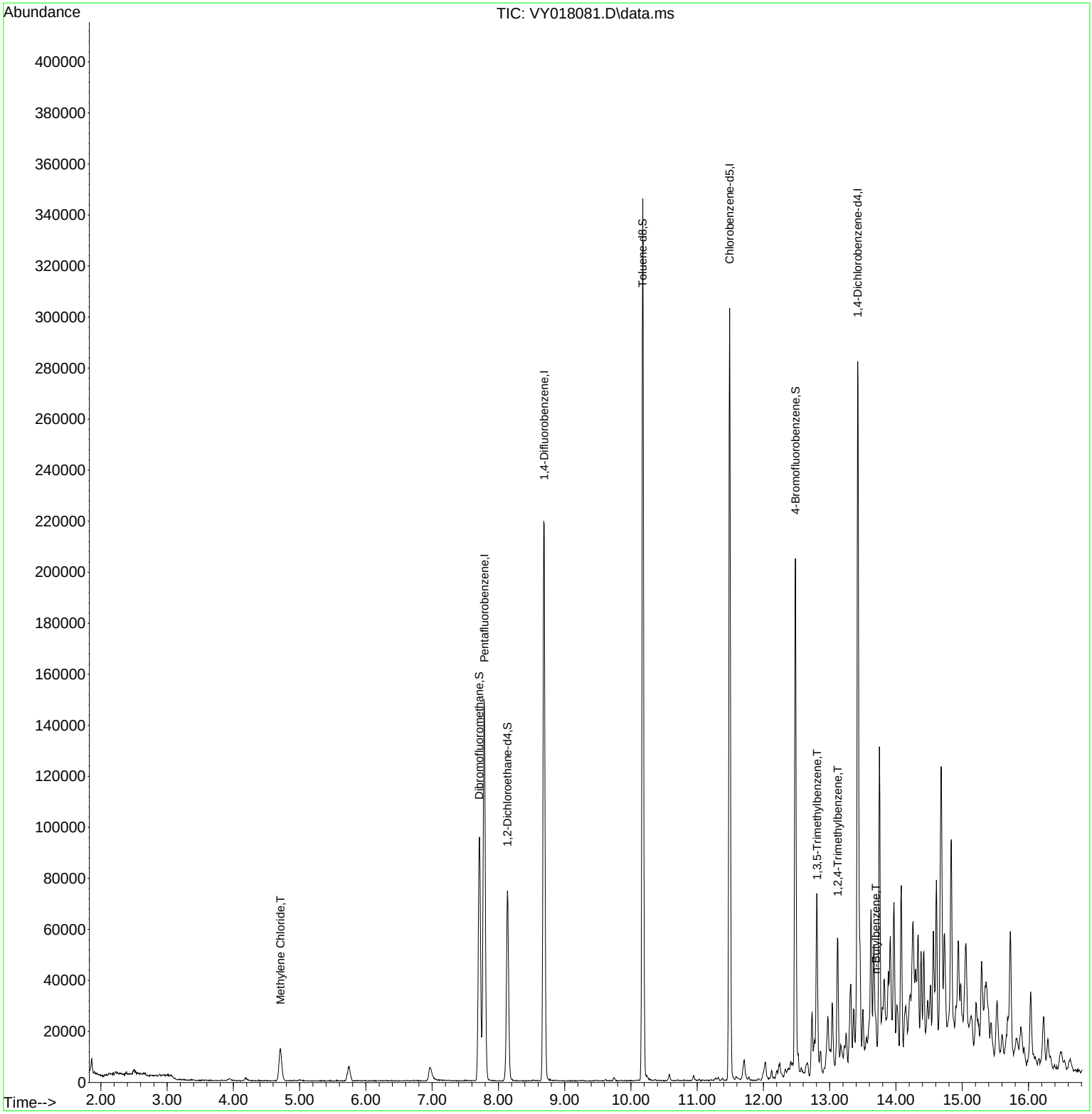
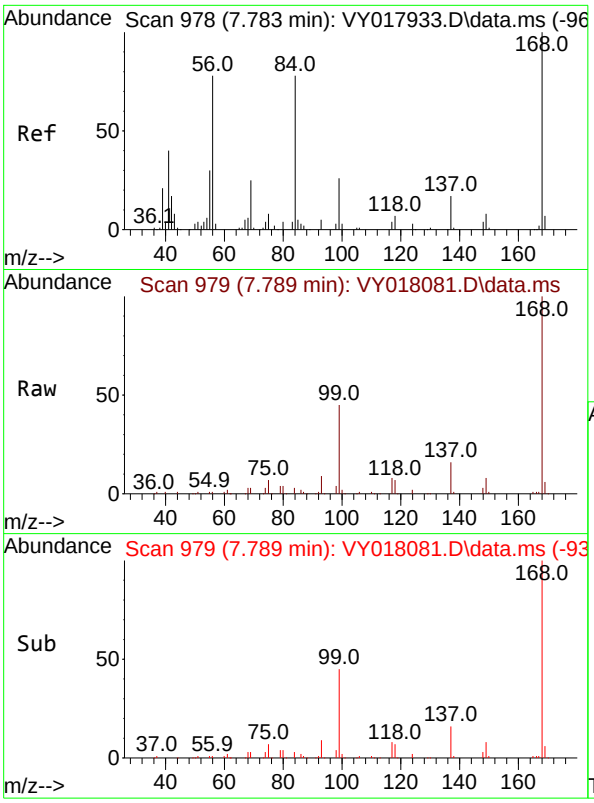


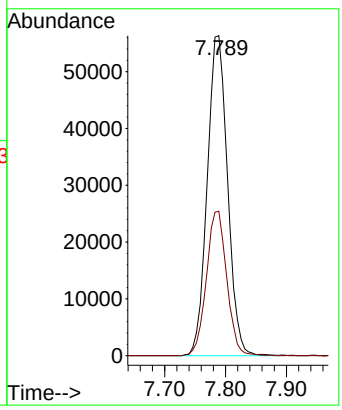


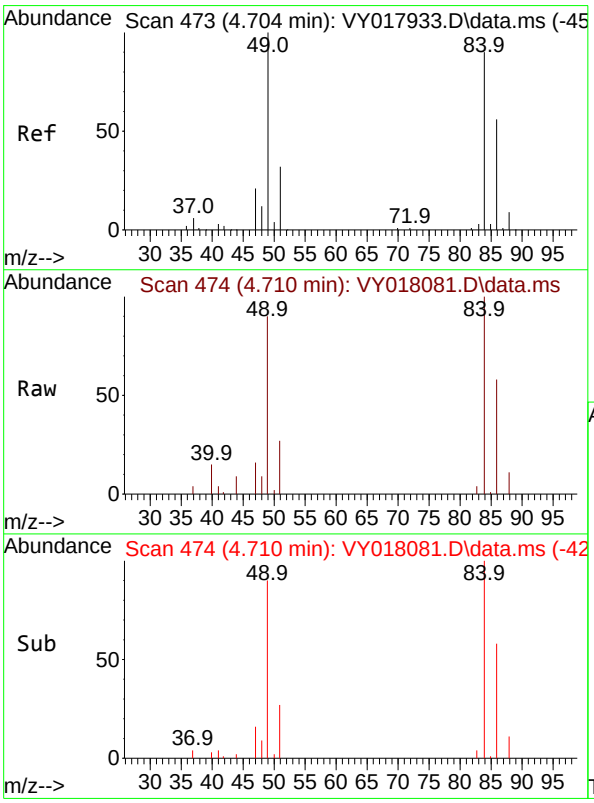
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-042924

Tgt Ion:168 Resp: 130592

Ion	Ratio	Lower	Upper
168	100		
99	45.1	39.1	58.7

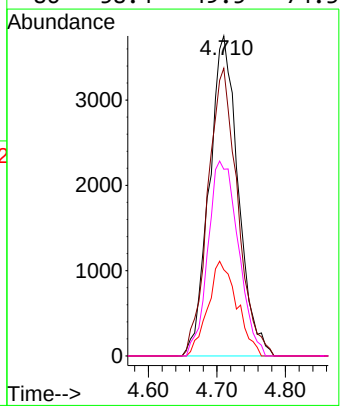


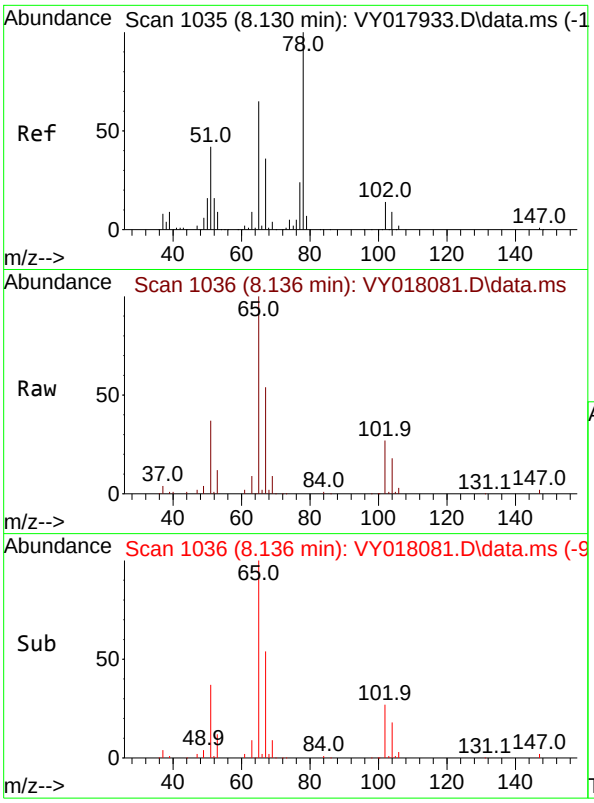


#20
Methylene Chloride
Concen: 7.259 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

Tgt Ion: 84 Resp: 10982

Ion	Ratio	Lower	Upper
84	100		
49	89.9	84.4	126.6
51	26.9	26.0	39.0
86	58.4	49.5	74.3



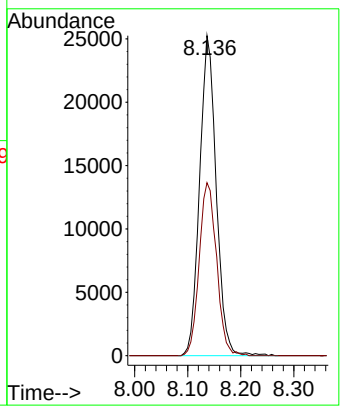


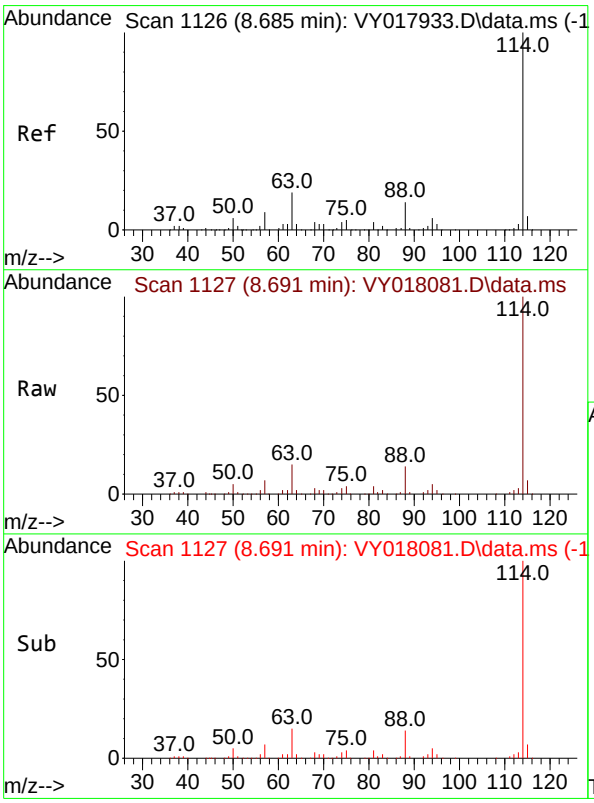
#33
1,2-Dichloroethane-d4
Concen: 48.632 ug/l
RT: 8.136 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-042924

Tgt Ion: 65 Resp: 54959

Ion	Ratio	Lower	Upper
65	100		
67	56.5	0.0	109.6

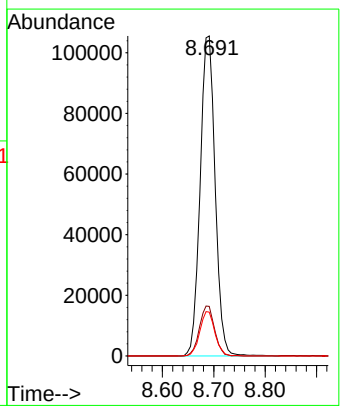


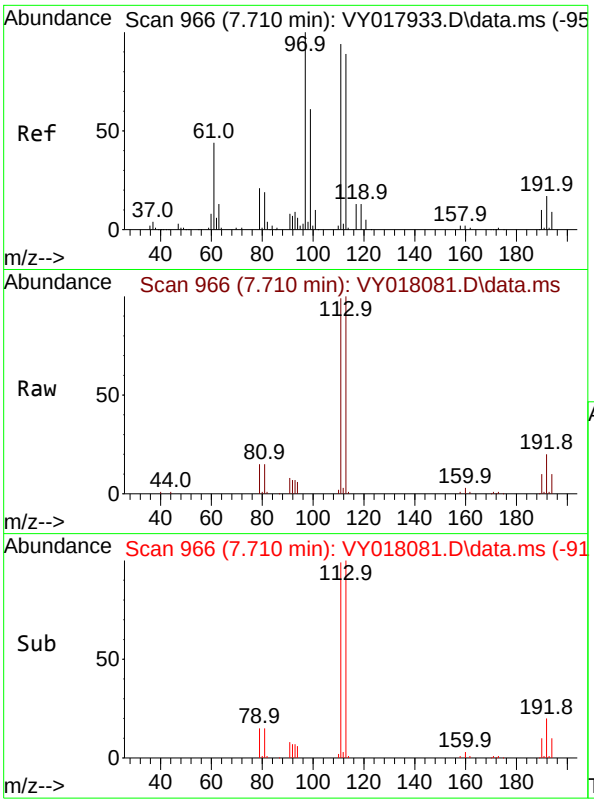


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

Tgt Ion:114 Resp: 213533

Ion	Ratio	Lower	Upper
114	100		
63	15.5	0.0	35.0
88	13.7	0.0	27.2



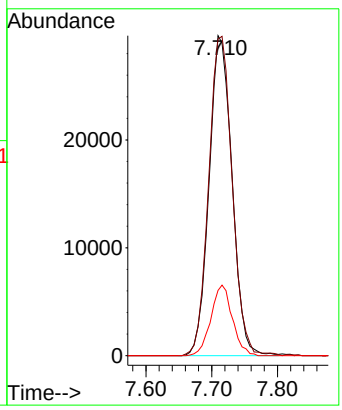


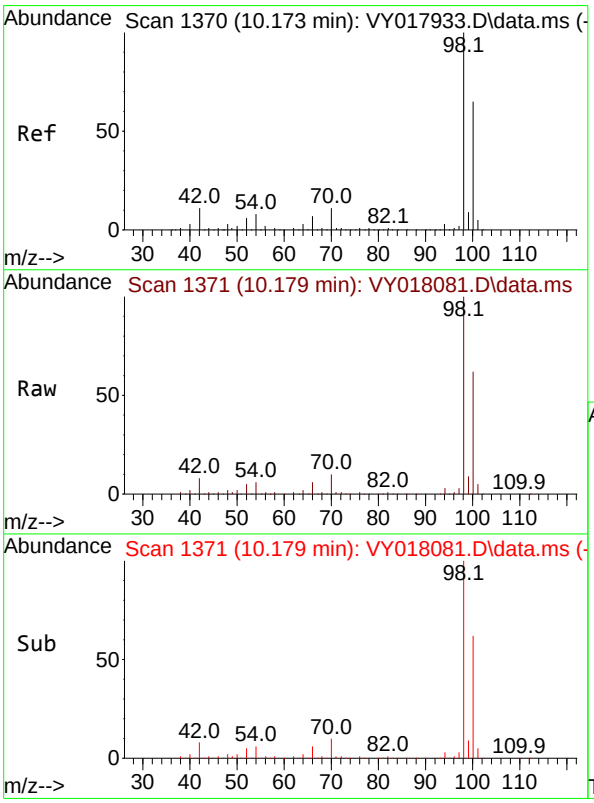
#35
Dibromofluoromethane
Concen: 54.699 ug/l
RT: 7.710 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-042924

Tgt Ion:113 Resp: 72059

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	20.6	15.9	23.9

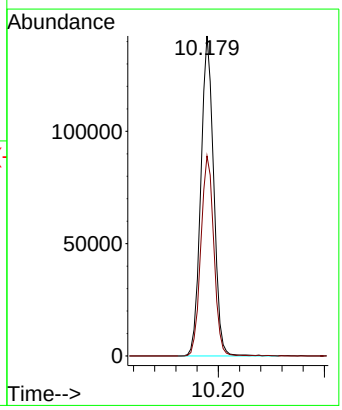


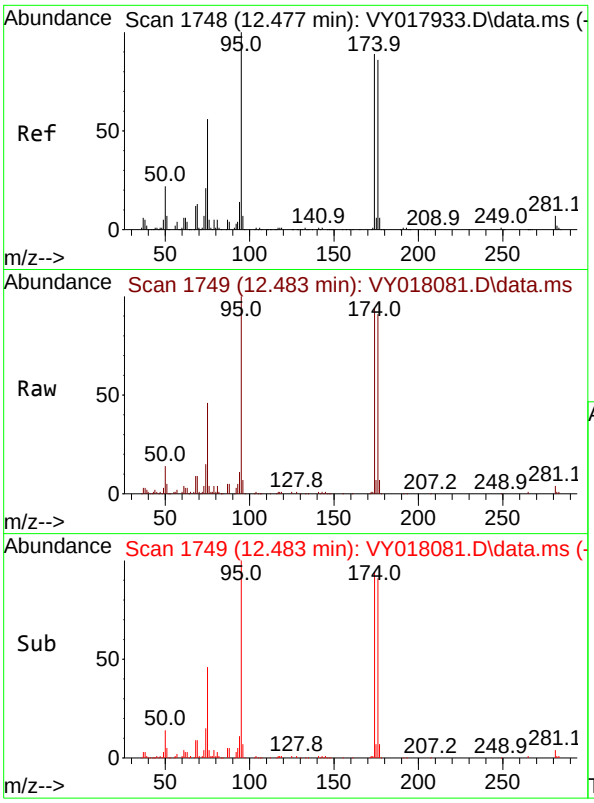


#50
Toluene-d8
Concen: 47.919 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

Tgt Ion: 98 Resp: 239535

Ion	Ratio	Lower	Upper
98	100		
100	63.2	52.0	78.0



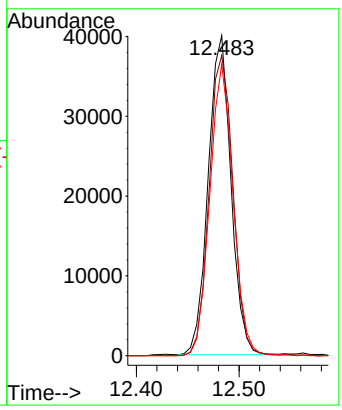


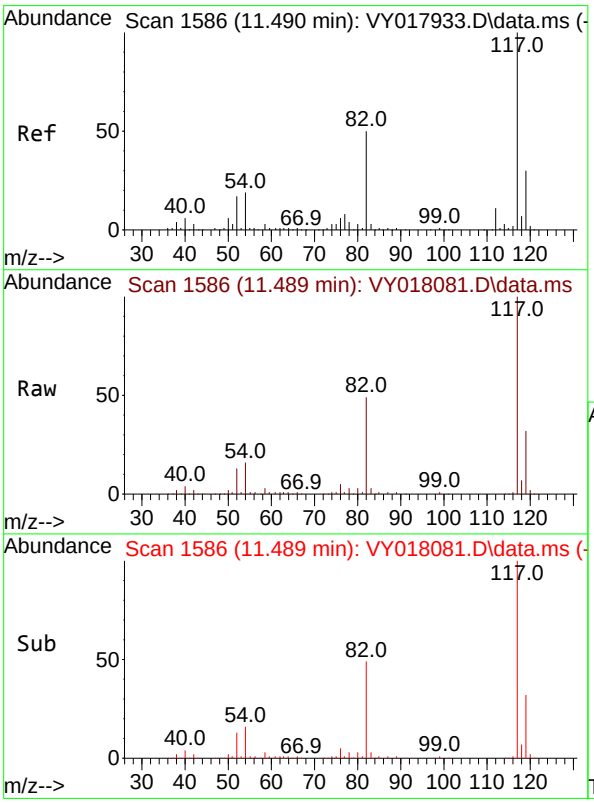
#62
4-Bromofluorobenzene
Concen: 39.793 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-042924

Tgt Ion: 95 Resp: 61604

Ion	Ratio	Lower	Upper
95	100		
174	98.4	0.0	175.6
176	93.3	0.0	171.4

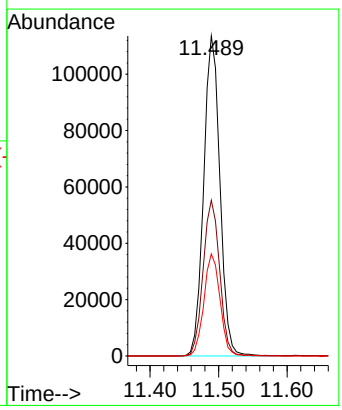


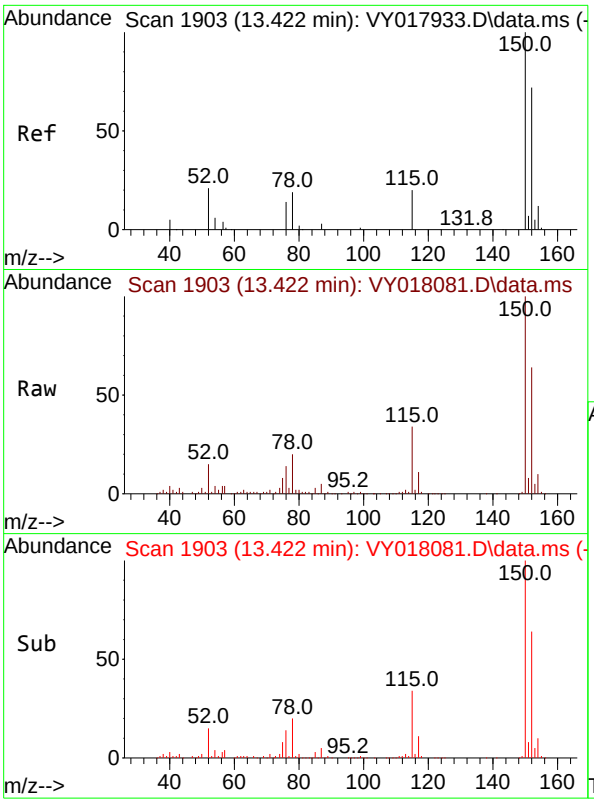


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

Tgt Ion:117 Resp: 187645

Ion	Ratio	Lower	Upper
117	100		
82	48.7	42.4	63.6
119	31.9	25.9	38.9



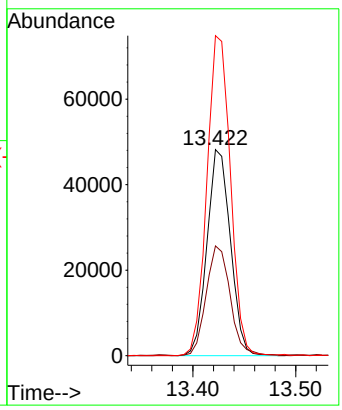


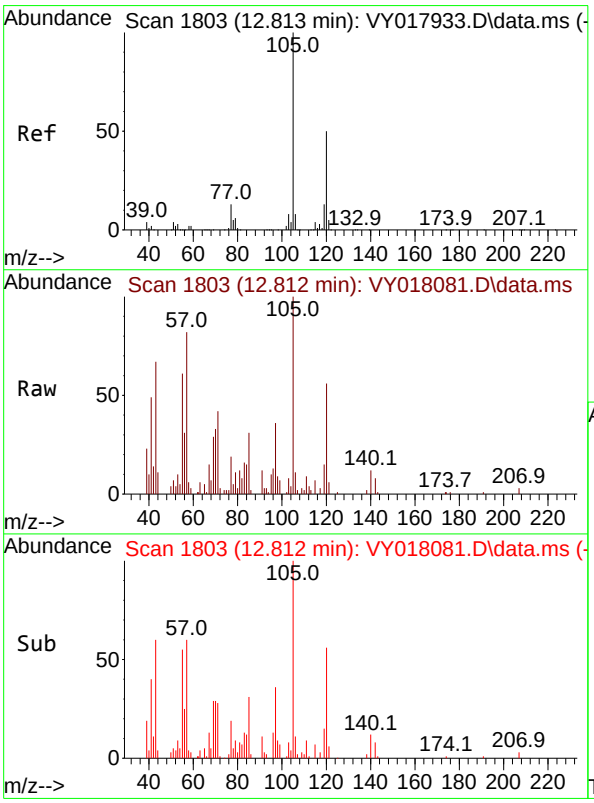
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-042924

Tgt Ion:152 Resp: 76329

Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.2	84.7
150	155.6	0.0	345.6

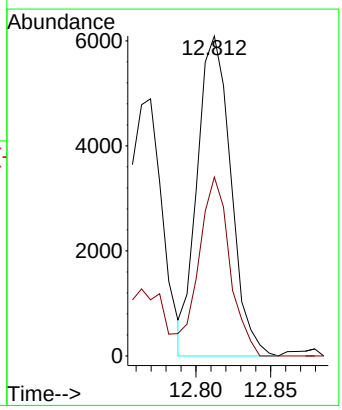


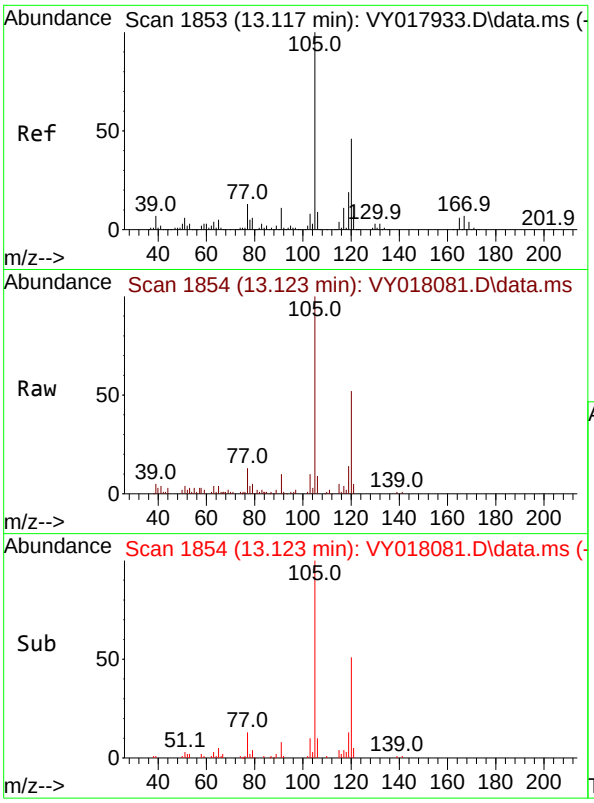


#80
1,3,5-Trimethylbenzene
Concen: 2.157 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

Tgt Ion:105 Resp: 9514

Ion	Ratio	Lower	Upper
105	100		
120	51.1	25.1	75.2



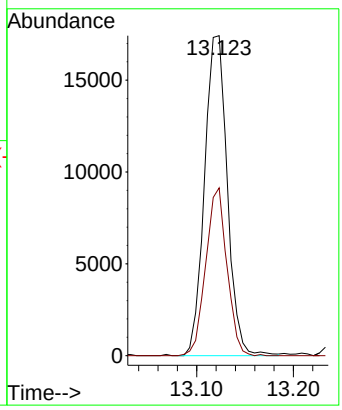


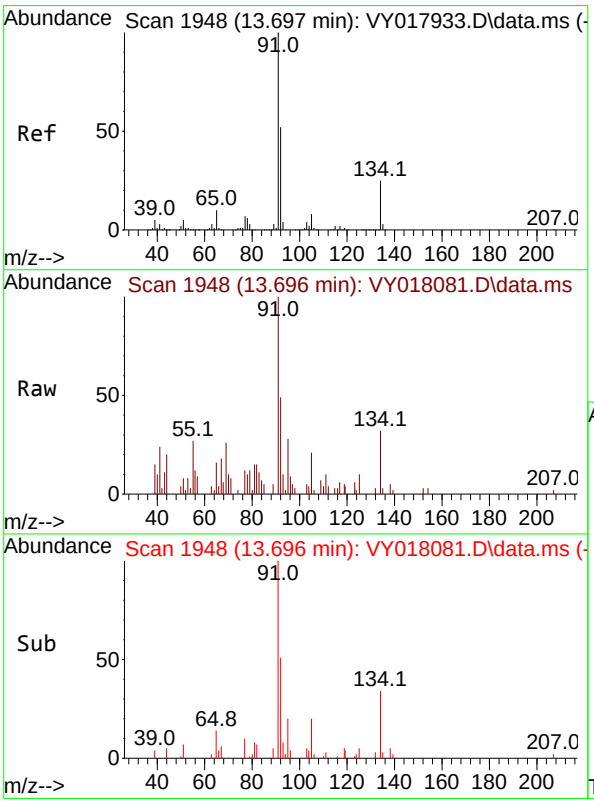
#84
1,2,4-Trimethylbenzene
Concen: 6.496 ug/l
RT: 13.123 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-042924

Tgt Ion:105 Resp: 28528

Ion	Ratio	Lower	Upper
105	100		
120	48.8	23.2	69.6





#89
n-Butylbenzene
Concen: 1.195 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY018081.D
Acq: 29 Apr 2024 20:17

Tgt Ion: 91 Resp: 5588

Ion	Ratio	Lower	Upper
91	100		
92	60.8	26.6	79.7
134	0.0	12.9	38.7#