Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
Data File : VY008272.D
Acq On : 11 Apr 2022 14:56
Operator : KP/MD
Sample : N2340-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-14.5-15.0

Quant Time: Apr 12 06:58:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration

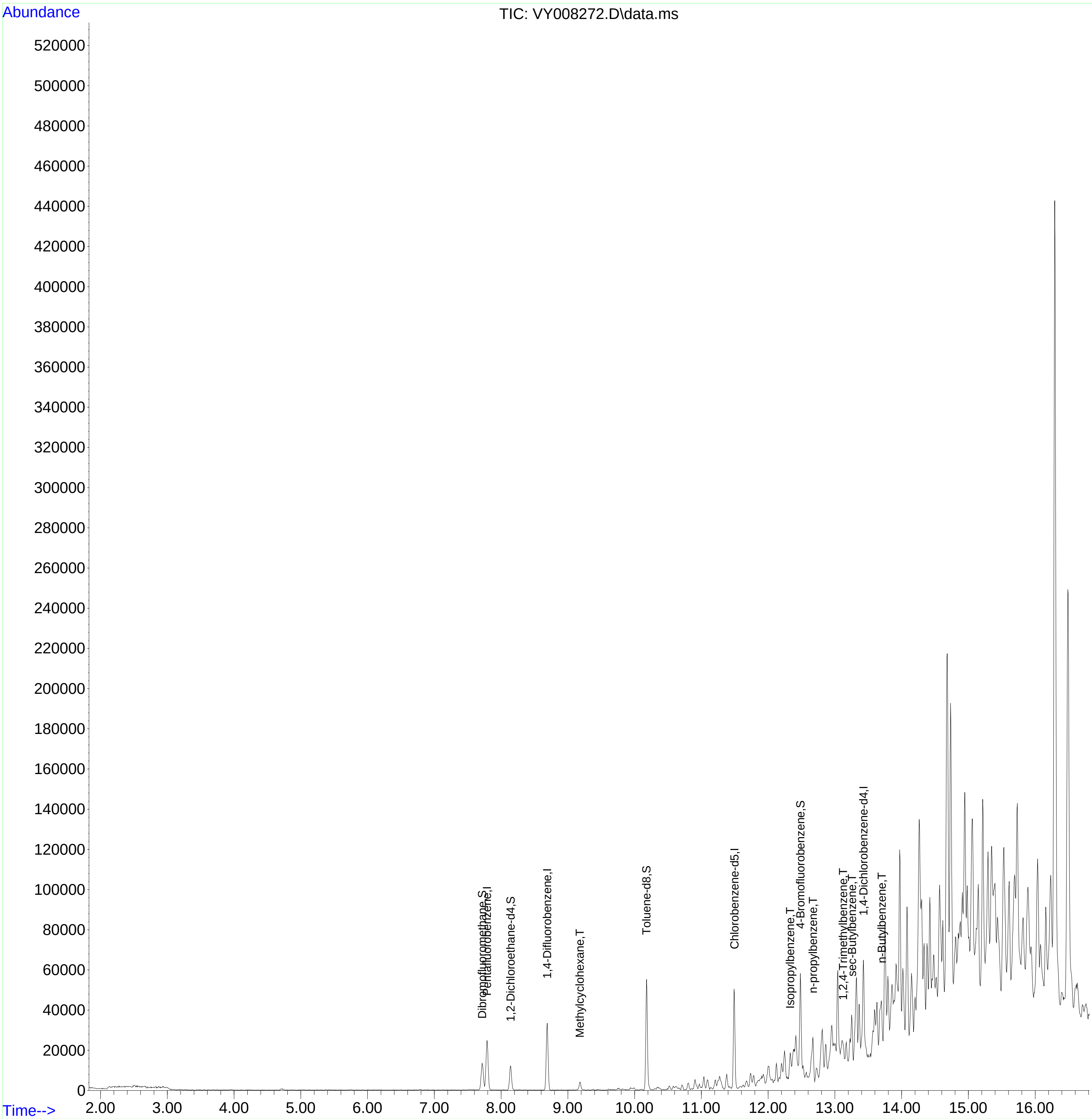
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	7.789	168	20839	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	31727	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.496	117	29787	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14402	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.143	65	8846	45.191 ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.380%		
35) Dibromofluoromethane	7.716	113	9484	51.755 ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.500%		
50) Toluene-d8	10.179	98	34961	55.755 ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.520%		
62) 4-Bromofluorobenzene	12.483	95	13025	55.227 ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.460%		
Target Compounds					Qvalue
39) Methylcyclohexane	9.179	83	1744	4.632 ug/l #	74
73) Isopropylbenzene	12.331	105	7978	7.451 ug/l	96
78) n-propylbenzene	12.672	91	16220	12.837 ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	2439	2.807 ug/l	97
85) sec-Butylbenzene	13.258	105	12549m	10.746 ug/l	
89) n-Butylbenzene	13.703	91	13453	15.280 ug/l #	83

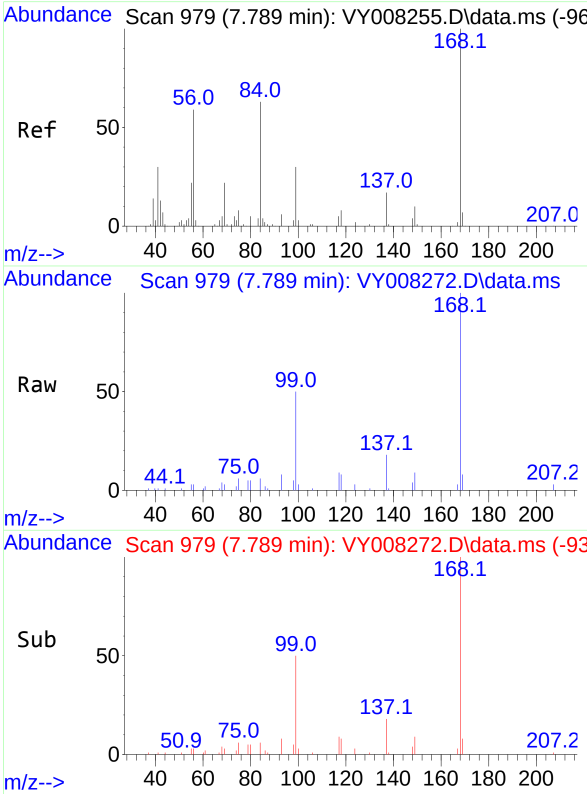
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
Data File : VY008272.D
Acq On : 11 Apr 2022 14:56
Operator : KP/MD
Sample : N2340-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-14.5-15.0

Quant Time: Apr 12 06:58:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration



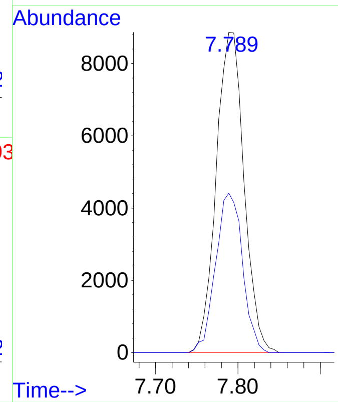


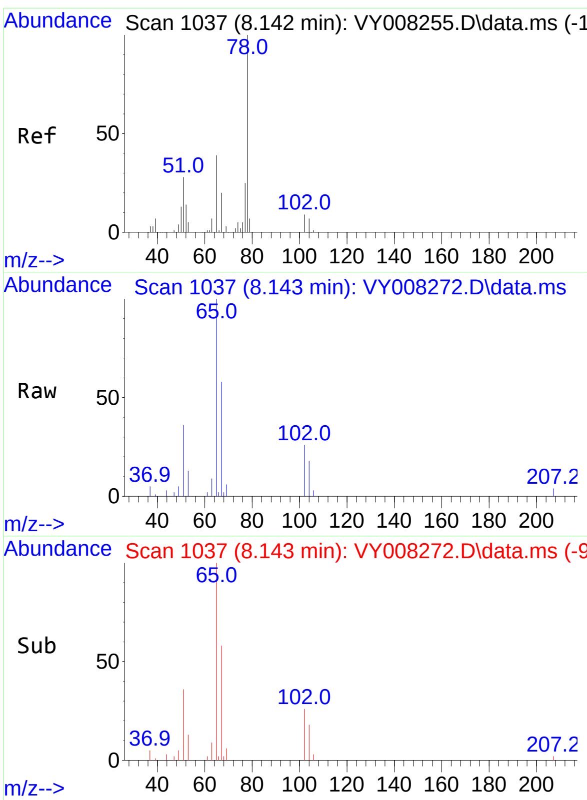
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY008272.D
Acq: 11 Apr 2022 14:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-14.5-15.0

Tgt Ion:168 Resp: 20839

Ion	Ratio	Lower	Upper
168	100		
99	49.8	46.9	70.3

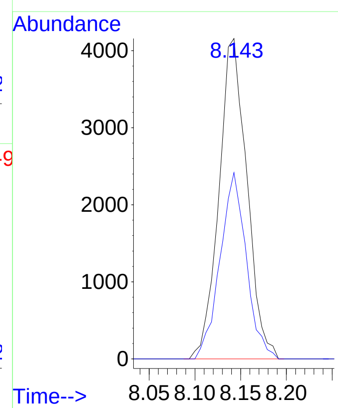


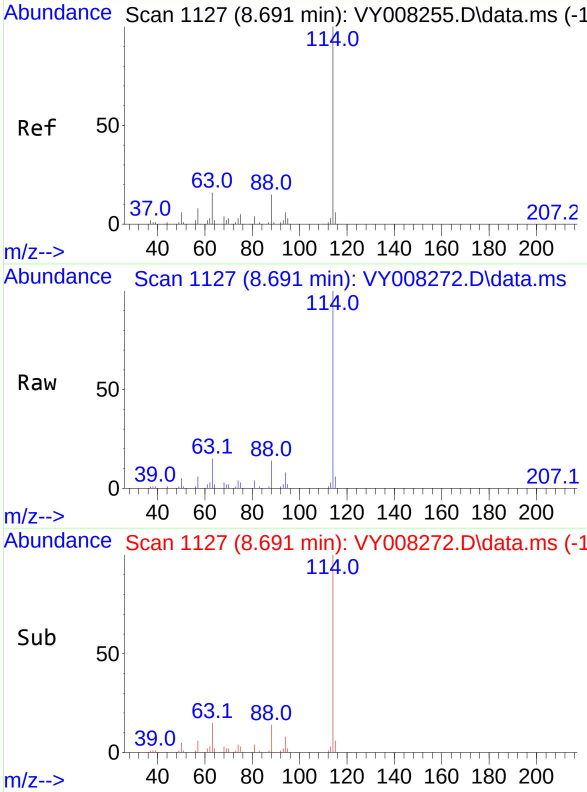


#33
1,2-Dichloroethane-d4
Concen: 45.191 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008272.D
Acq: 11 Apr 2022 14:56

Tgt Ion: 65 Resp: 8846

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	99.4





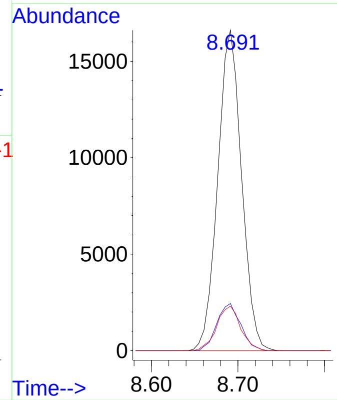
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1

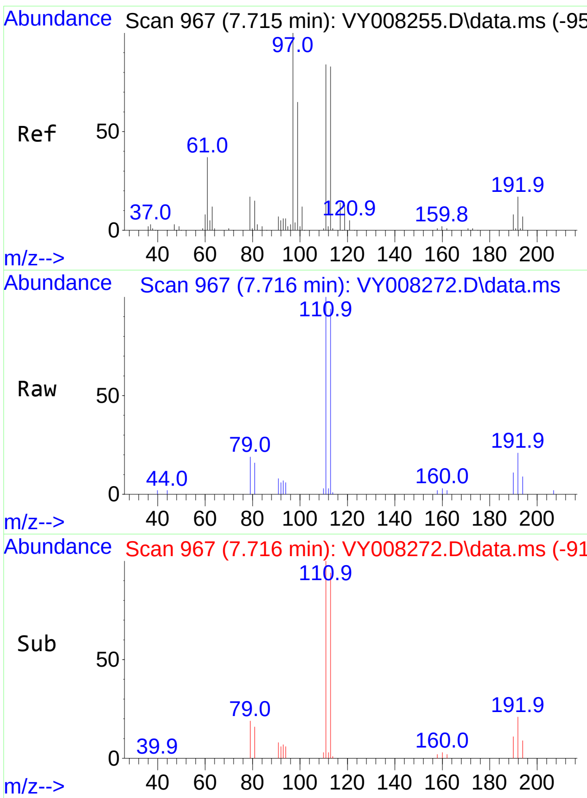
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-14.5-15.0

Delta R.T. 0.000 min
Lab File: VY008272.D
Acq: 11 Apr 2022 14:56

Tgt Ion:114 Resp: 31727

Ion	Ratio	Lower	Upper
114	100		
63	14.7	0.0	43.2
88	13.9	0.0	31.8

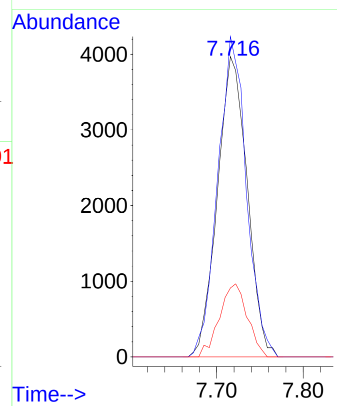


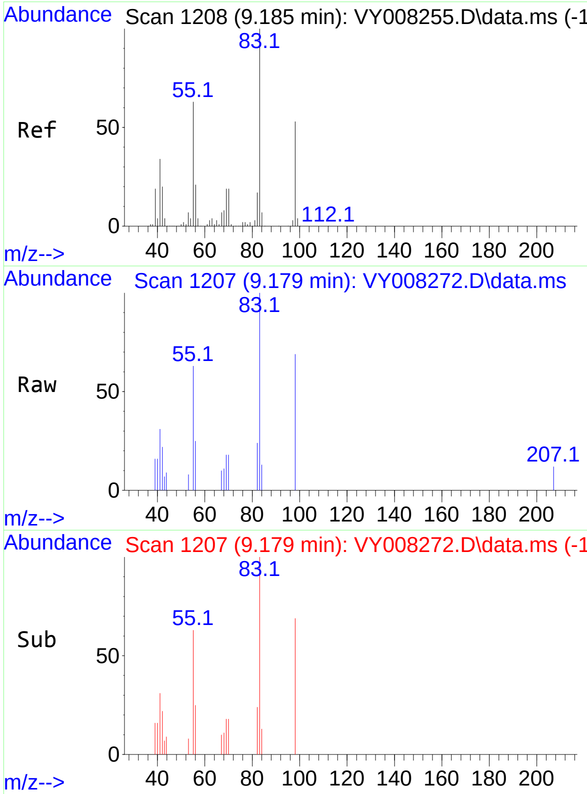


#35
Dibromofluoromethane
Concen: 51.755 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.001 min
Lab File: VY008272.D
Acq: 11 Apr 2022 14:56

Tgt Ion:113 Resp: 9484

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	22.7	17.6	26.4



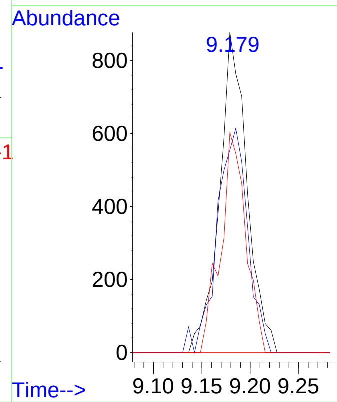


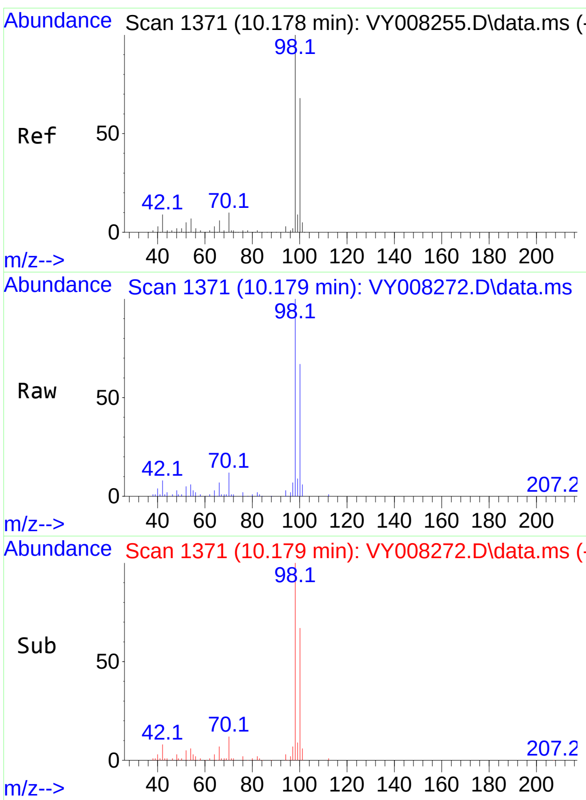
#39
Methylcyclohexane
Concen: 4.632 ug/l
RT: 9.179 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY008272.D
Acq: 11 Apr 2022 14:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-14.5-15.0

Tgt Ion: 83 Resp: 1744

Ion	Ratio	Lower	Upper
83	100		
55	63.3	66.5	99.7#
98	68.6	37.9	56.9#

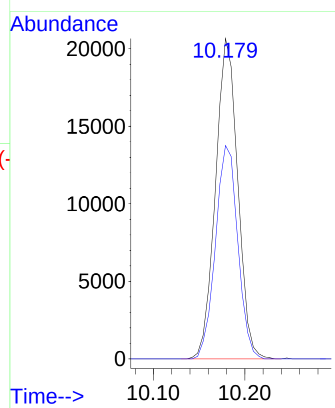


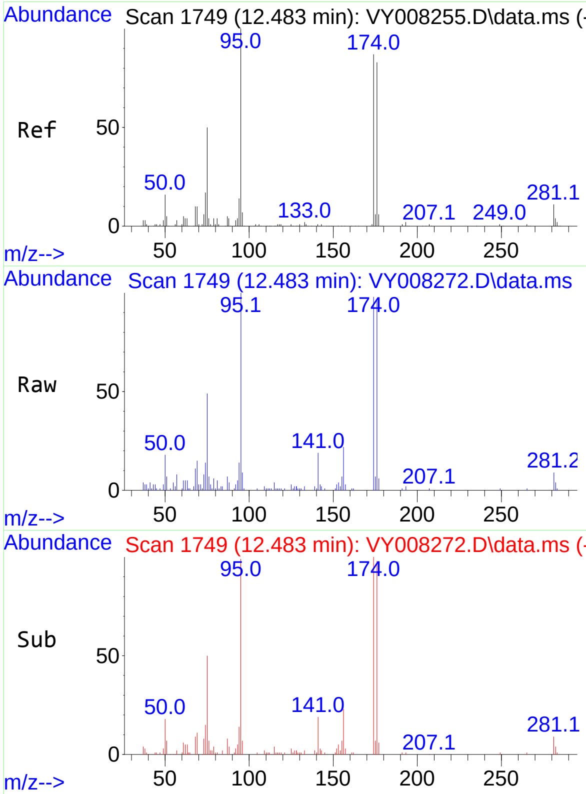


#50
Toluene-d8
Concen: 55.755 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008272.D
Acq: 11 Apr 2022 14:56

Tgt Ion: 98 Resp: 34961

Ion	Ratio	Lower	Upper
98	100		
100	66.8	50.2	75.2



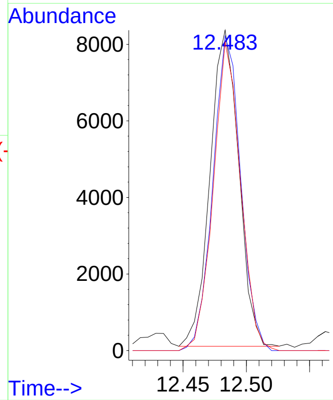


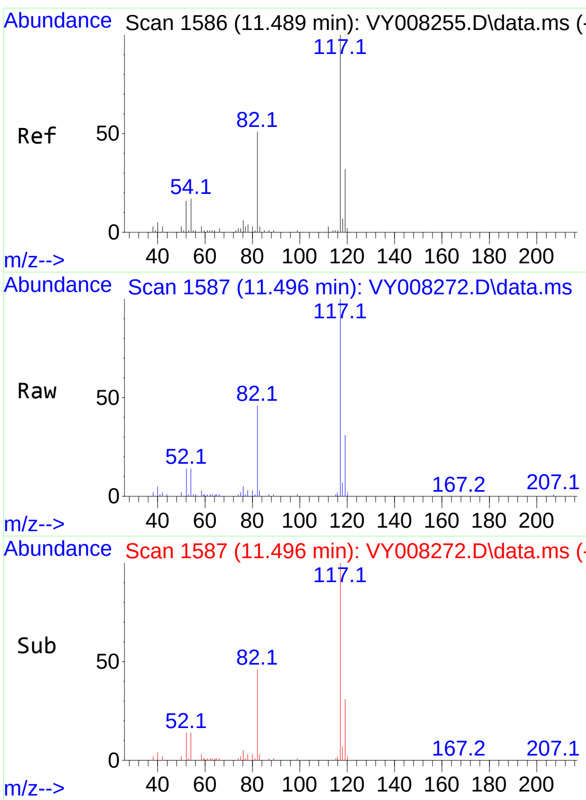
#62
4-Bromofluorobenzene
Concen: 55.227 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008272.D
Acq: 11 Apr 2022 14:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-14.5-15.0

Tgt Ion: 95 Resp: 13025

Ion	Ratio	Lower	Upper
95	100		
174	96.4	0.0	177.0
176	92.5	0.0	175.8

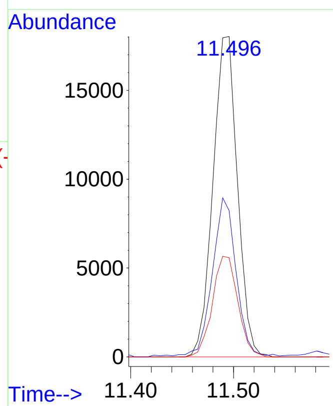


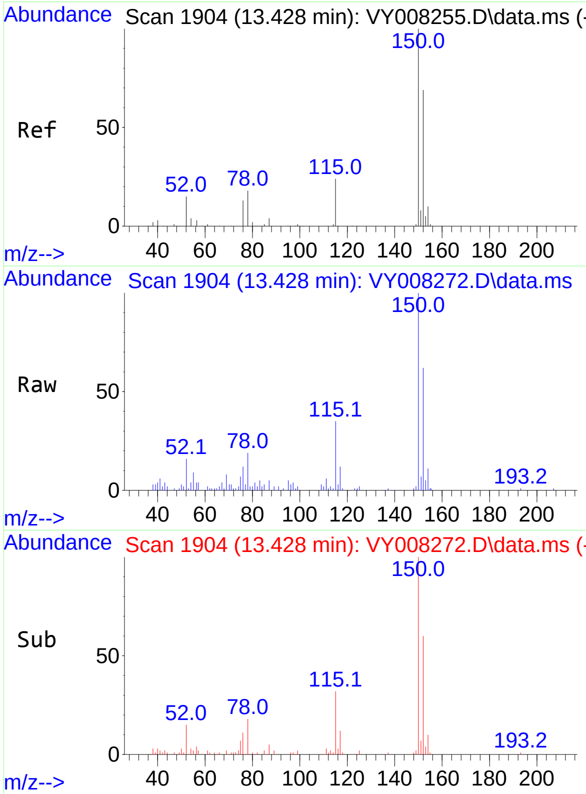


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008272.D
Acq: 11 Apr 2022 14:56

Tgt Ion:117 Resp: 29787

Ion	Ratio	Lower	Upper
117	100		
82	45.4	43.0	64.4
119	31.0	25.4	38.0



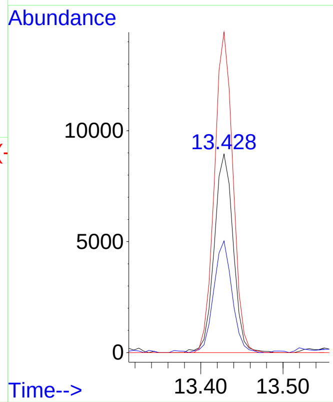


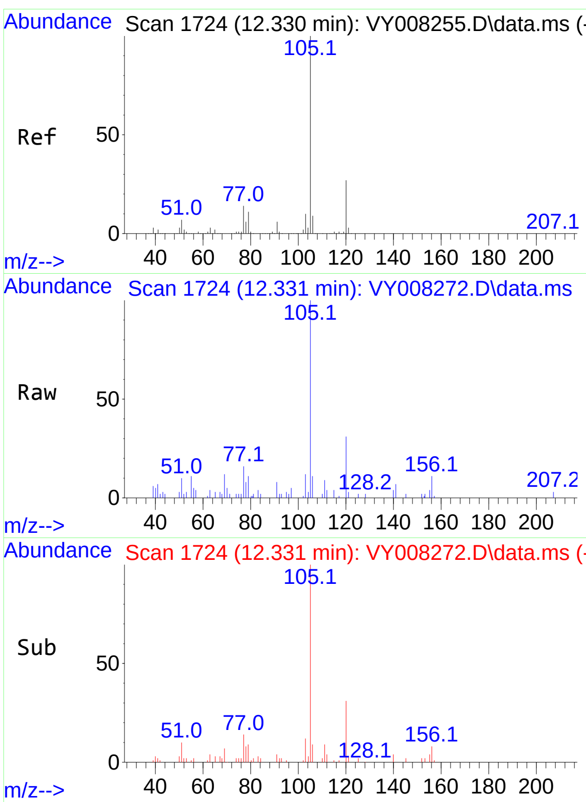
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min   Scan# 19
Delta R.T.   0.000 min
Lab File: VY008272.D
Acq: 11 Apr 2022   14:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-14.5-15.0

Tgt Ion:152 Resp: 14402

Ion	Ratio	Lower	Upper
152	100		
115	54.4	28.2	84.7
150	157.0	0.0	347.6

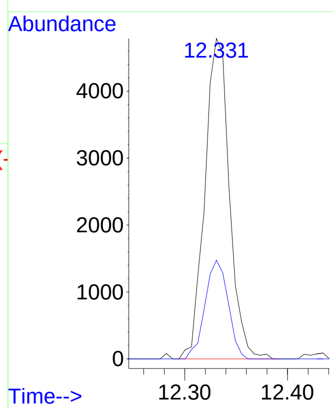


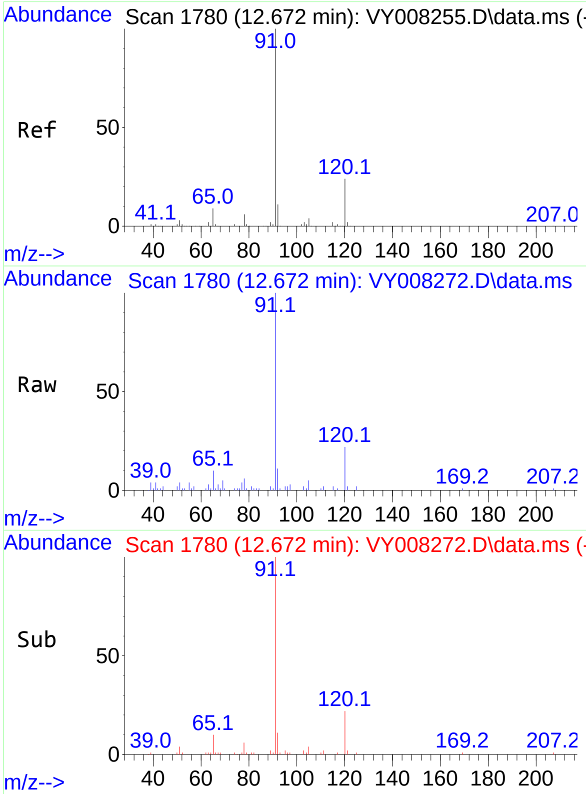


#73
Isopropylbenzene
Concen: 7.451 ug/l
RT: 12.331 min   Scan# 1724
Delta R.T.   0.001 min
Lab File: VY008272.D
Acq: 11 Apr 2022   14:56

Tgt Ion:105 Resp: 7978

Ion	Ratio	Lower	Upper
105	100		
120	28.8	13.4	40.2





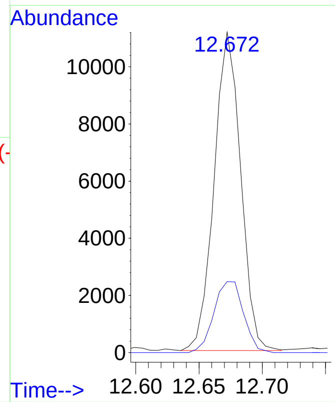
#78
n-propylbenzene
Concen: 12.837 ug/l
RT: 12.672 min Scan# 1

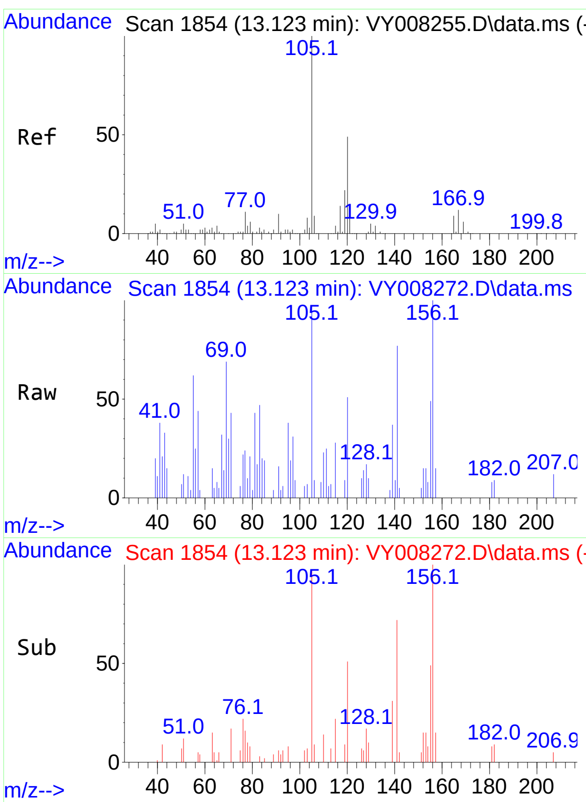
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-14.5-15.0

Delta R.T. 0.000 min
Lab File: VY008272.D
Acq: 11 Apr 2022 14:56

Tgt Ion: 91 Resp: 16220

Ion	Ratio	Lower	Upper
91	100		
120	24.9	11.3	33.9

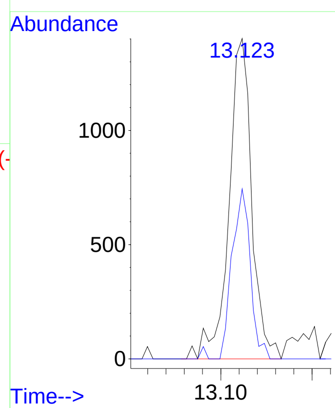


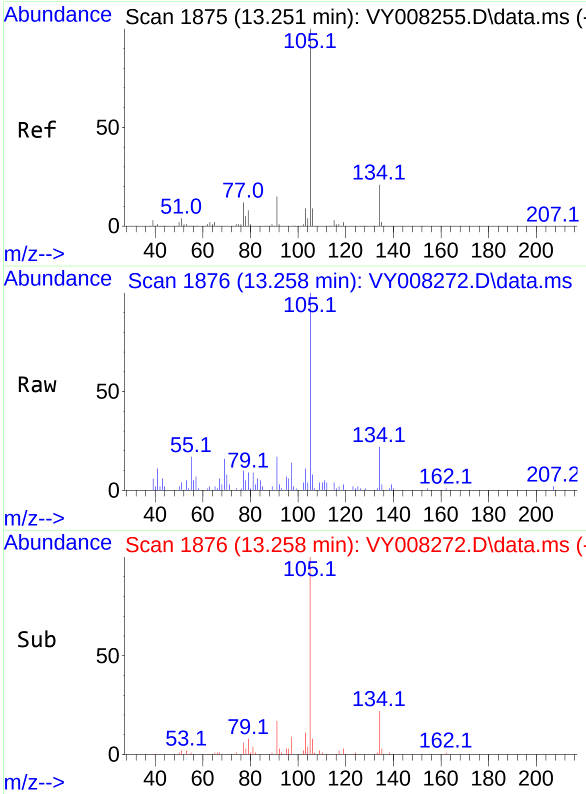


#84
1,2,4-Trimethylbenzene
Concen: 2.807 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008272.D
Acq: 11 Apr 2022 14:56

Tgt Ion:105 Resp: 2439

Ion	Ratio	Lower	Upper
105	100		
120	42.4	22.3	66.9



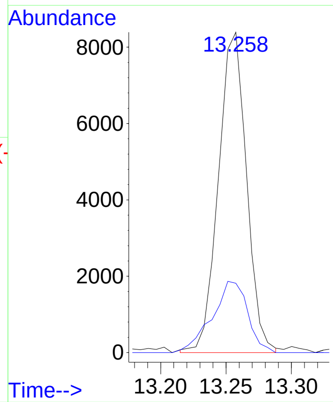


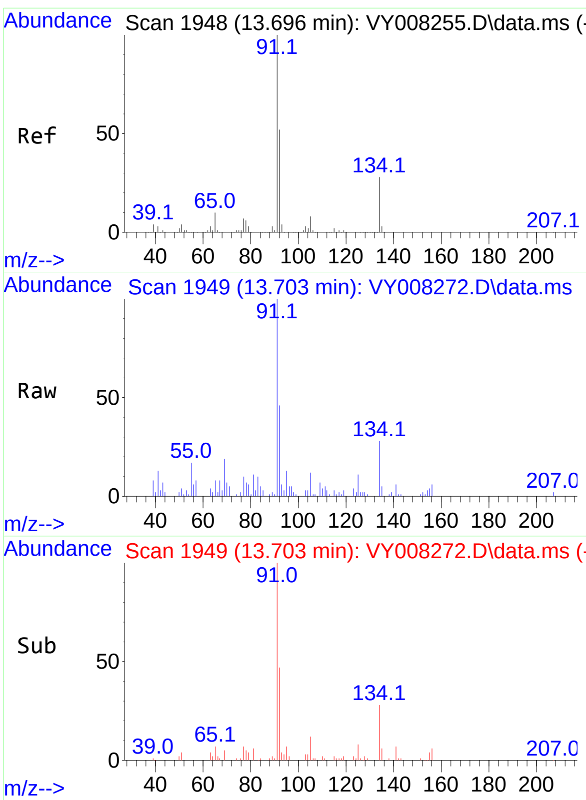
#85
sec-Butylbenzene
Concen: 10.746 ug/l m
RT: 13.258 min Scan# 1
Delta R.T. 0.007 min
Lab File: VY008272.D
Acq: 11 Apr 2022 14:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-14.5-15.0

Tgt Ion:105 Resp: 12549

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.2	30.4#





#89
n-Butylbenzene
Concen: 15.280 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.007 min
Lab File: VY008272.D
Acq: 11 Apr 2022 14:56

Tgt Ion: 91 Resp: 13453

Ion	Ratio	Lower	Upper
91	100		
92	49.4	26.3	78.9
134	47.1	13.0	38.9#