Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
Data File : VY007482.D
Acq On : 11 Feb 2022 17:19
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Feb 12 02:55:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 03 04:36:48 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	110716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	193586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68736	53.974	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.940%			
35) Dibromofluoromethane	7.722	113	64352	50.283	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.560%			
50) Toluene-d8	10.179	98	241726	51.123	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.240%			
62) 4-Bromofluorobenzene	12.483	95	90590	56.369	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.740%			
Target Compounds						Qvalue
67) Ethyl Benzene	11.593	91	30161	3.691	ug/l	100
78) n-propylbenzene	12.672	91	13756	1.392	ug/l	99
95) Naphthalene	15.233	128	29559	8.190	ug/l	98

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

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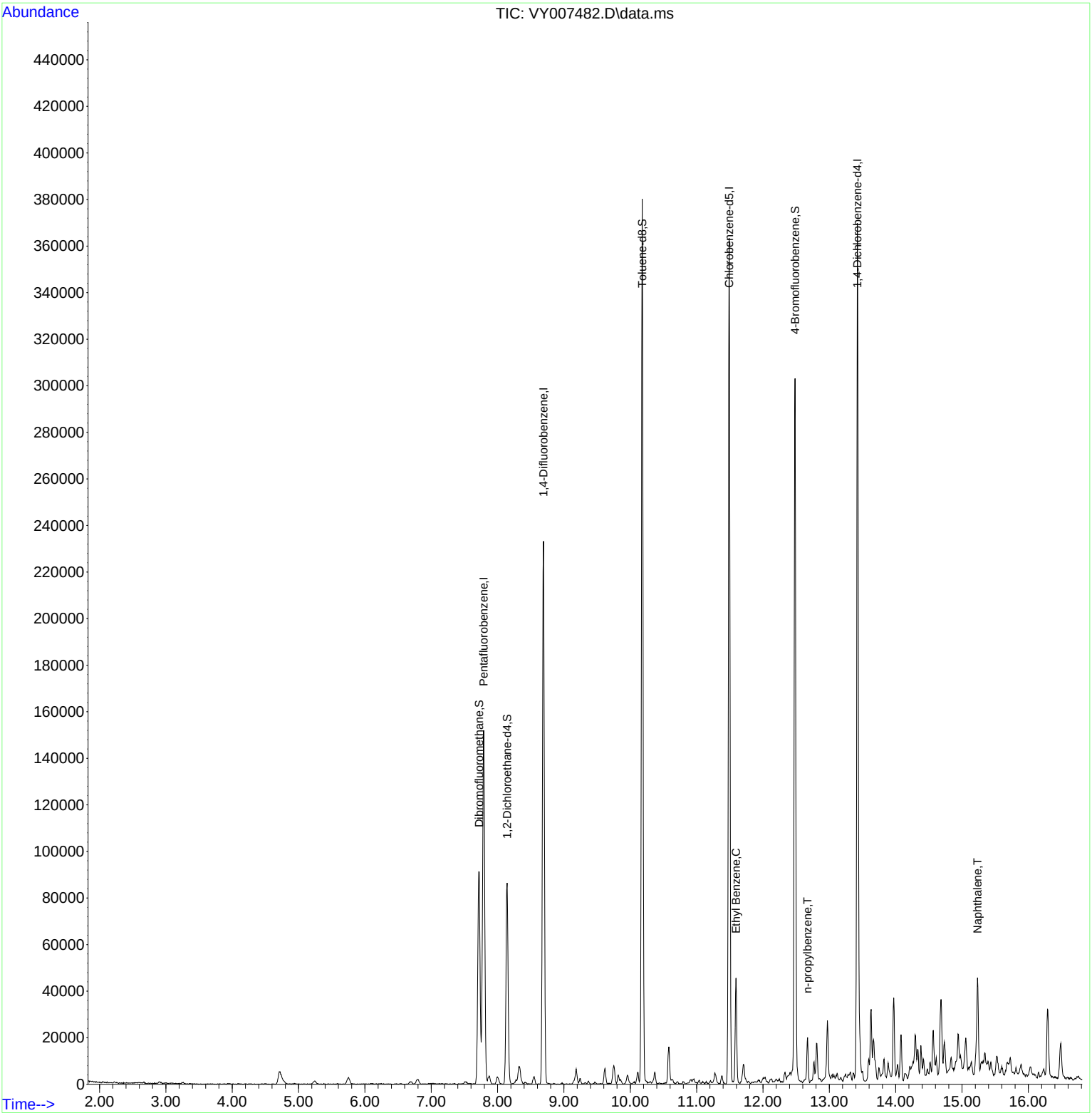
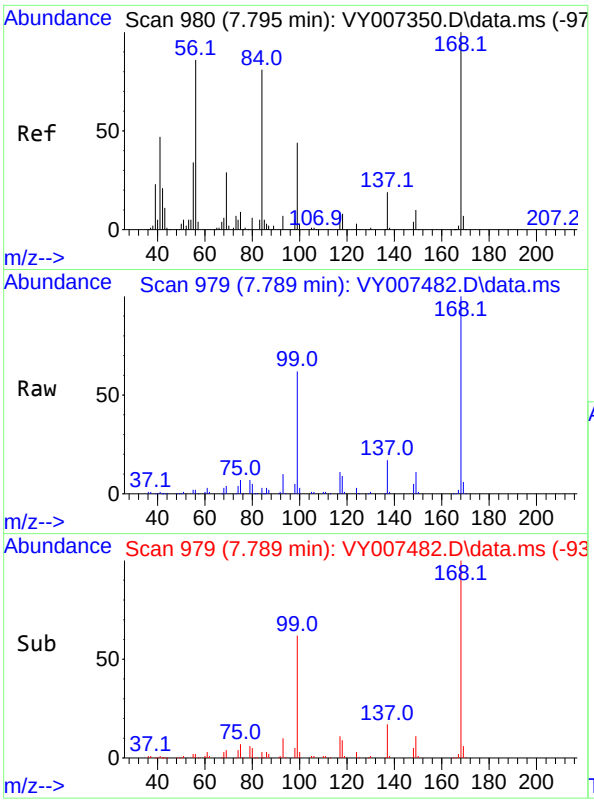


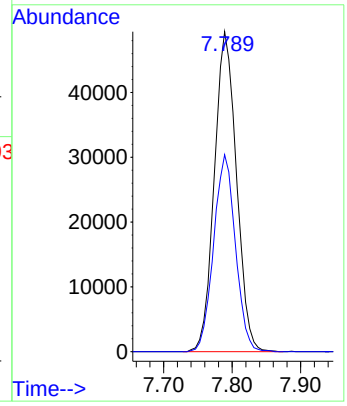


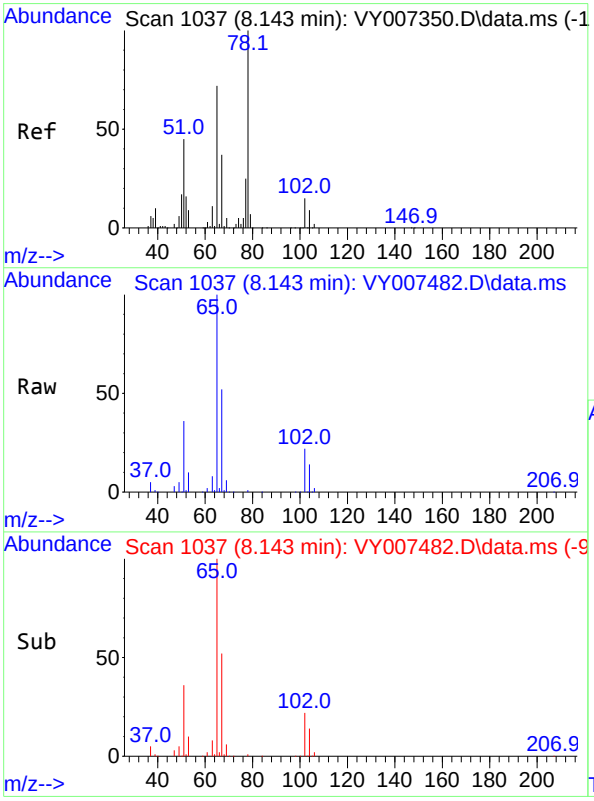
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 110716

Ion	Ratio	Lower	Upper
168	100		
99	61.6	46.9	70.3

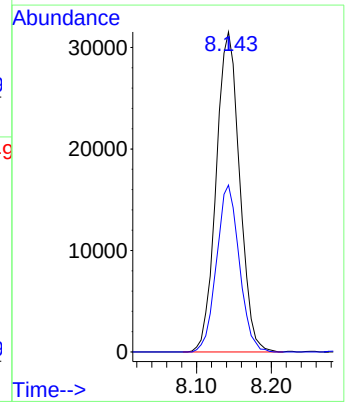


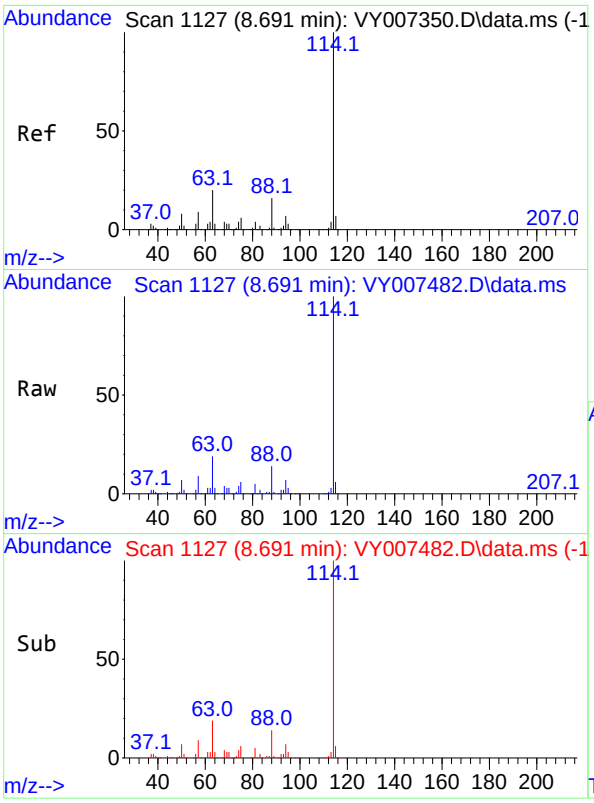


#33
1,2-Dichloroethane-d4
Concen: 53.974 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Tgt Ion: 65 Resp: 68736

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	99.4



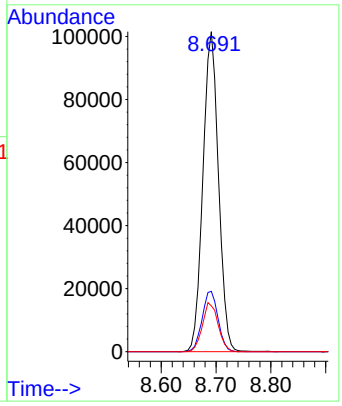


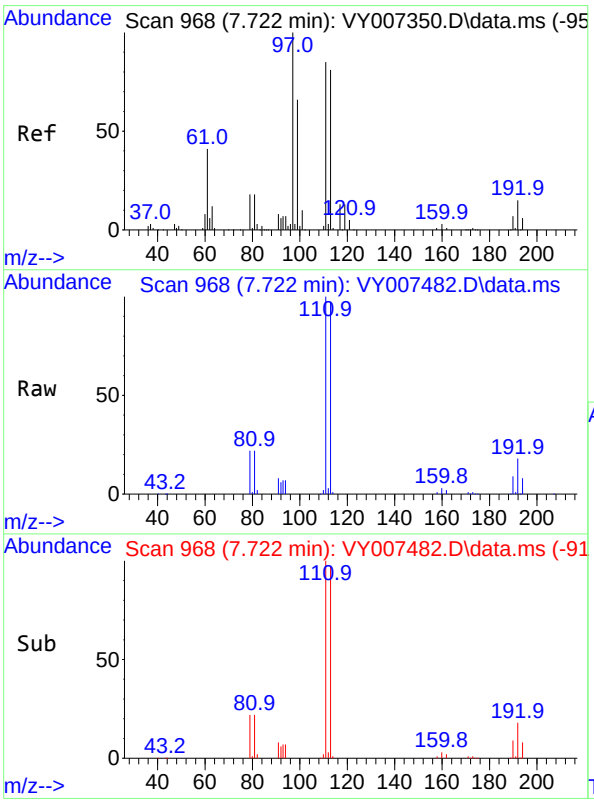
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 199305

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	43.2
88	14.3	0.0	31.8

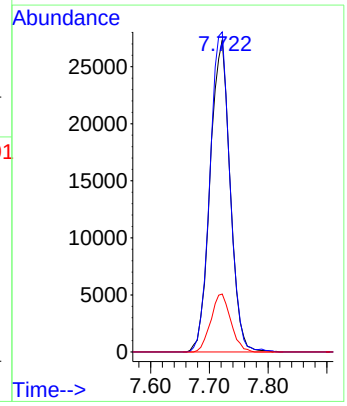


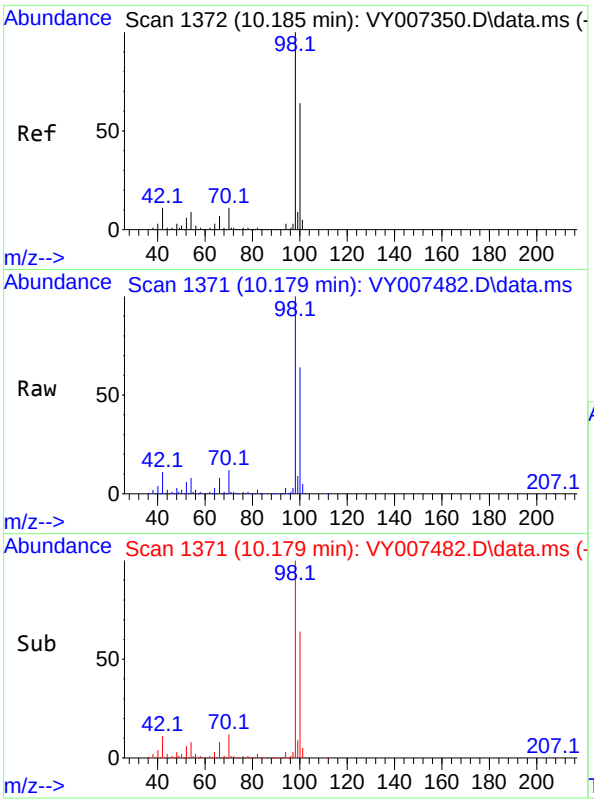


#35
Dibromofluoromethane
Concen: 50.283 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Tgt Ion:113 Resp: 64352

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	124.0
192	18.6	17.6	26.4



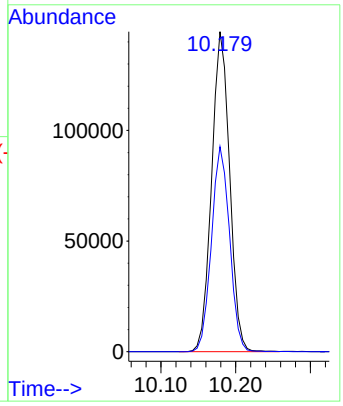


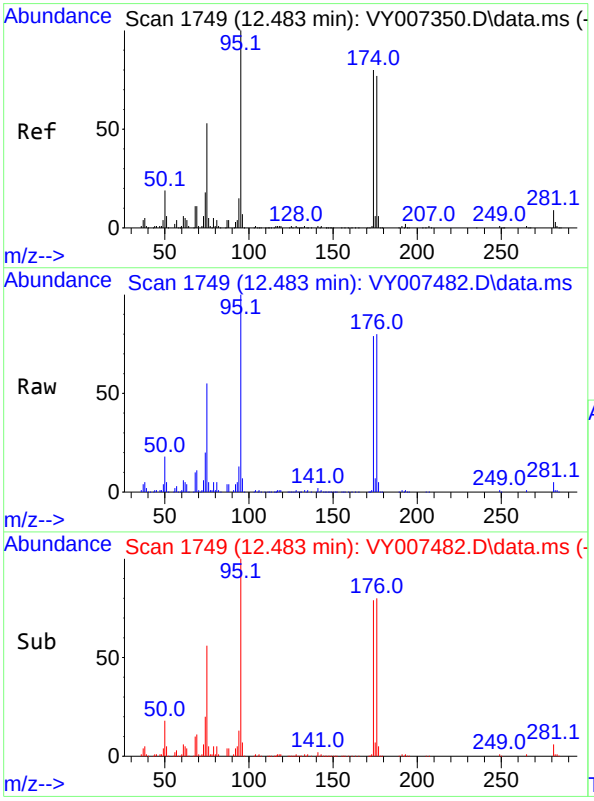
#50
Toluene-d8
Concen: 51.123 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 241726

Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.2	75.2

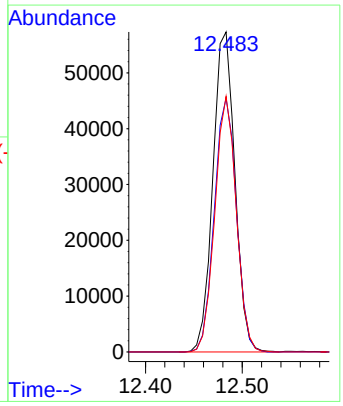


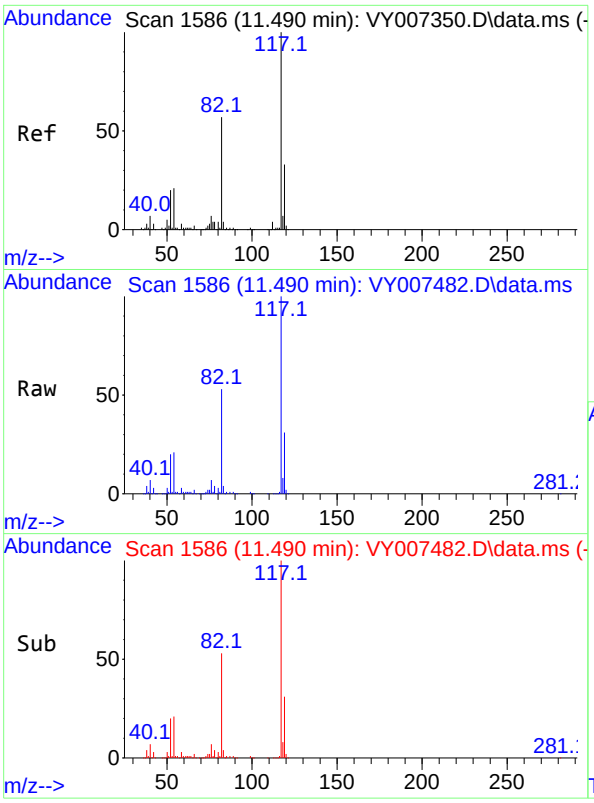


#62
4-Bromofluorobenzene
Concen: 56.369 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Tgt Ion: 95 Resp: 90590

Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	177.0
176	77.8	0.0	175.8



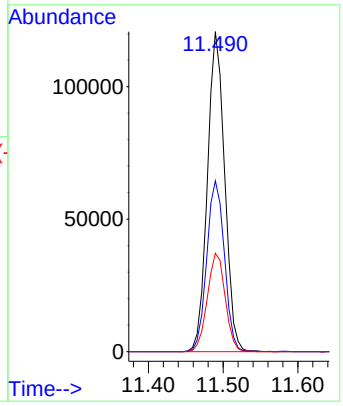


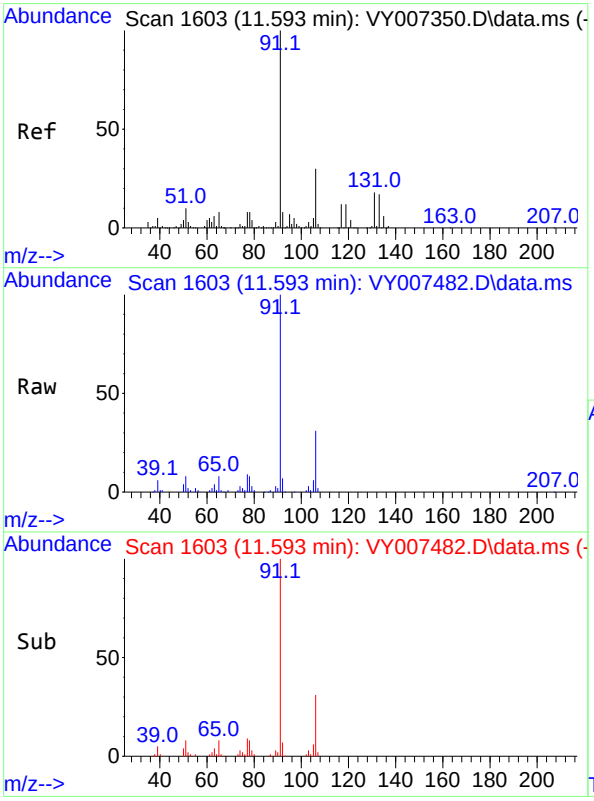
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 193586

Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.0	64.4
119	30.8	25.4	38.0

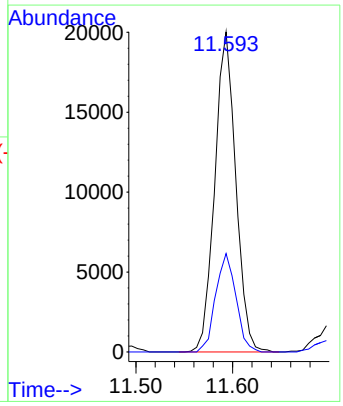


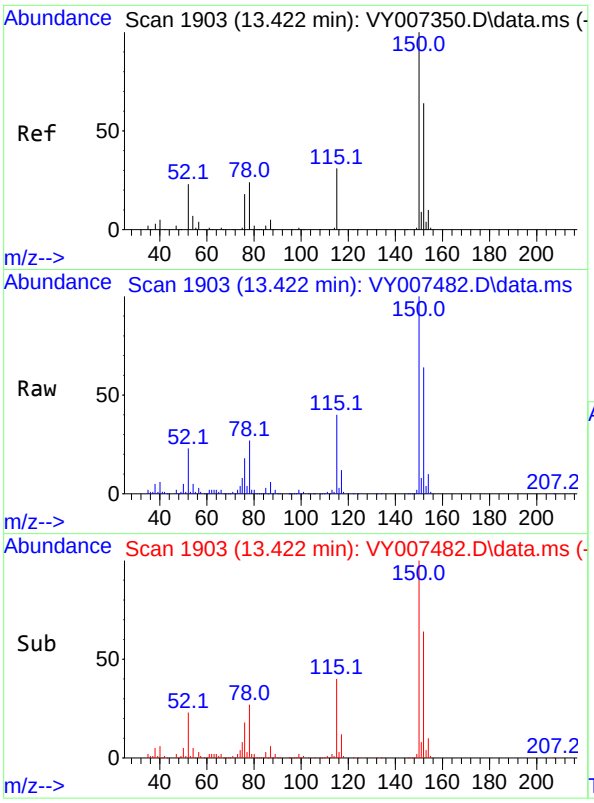


#67
Ethyl Benzene
Concen: 3.691 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Tgt Ion: 91 Resp: 30161

Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.5	36.7



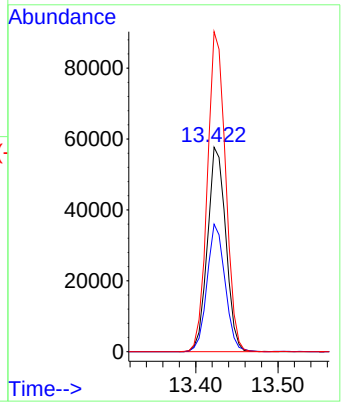


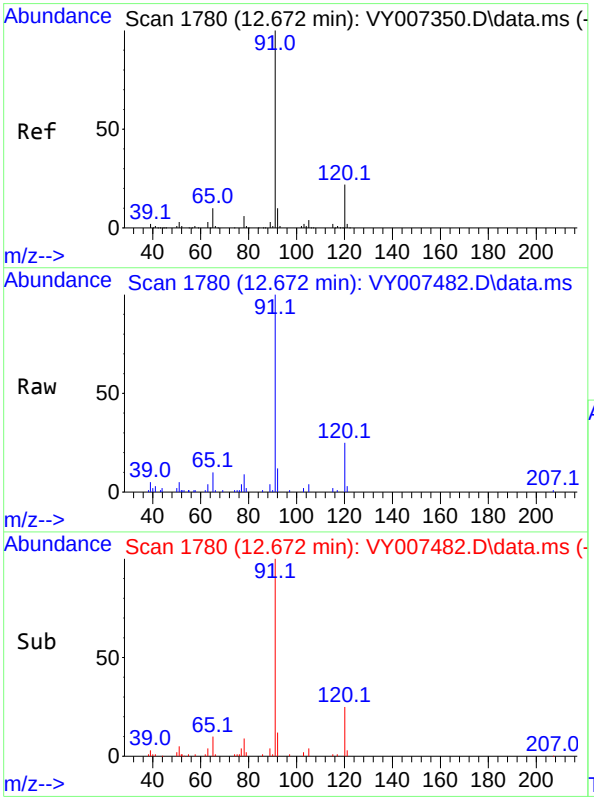
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:152 Resp: 89258

Ion	Ratio	Lower	Upper
152	100		
115	61.5	28.2	84.7
150	155.0	0.0	347.6

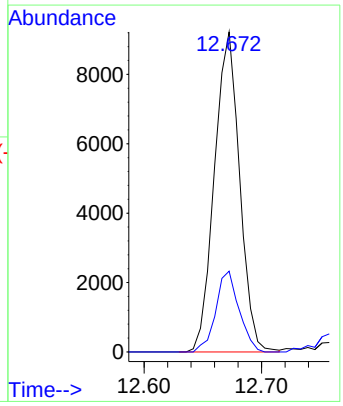


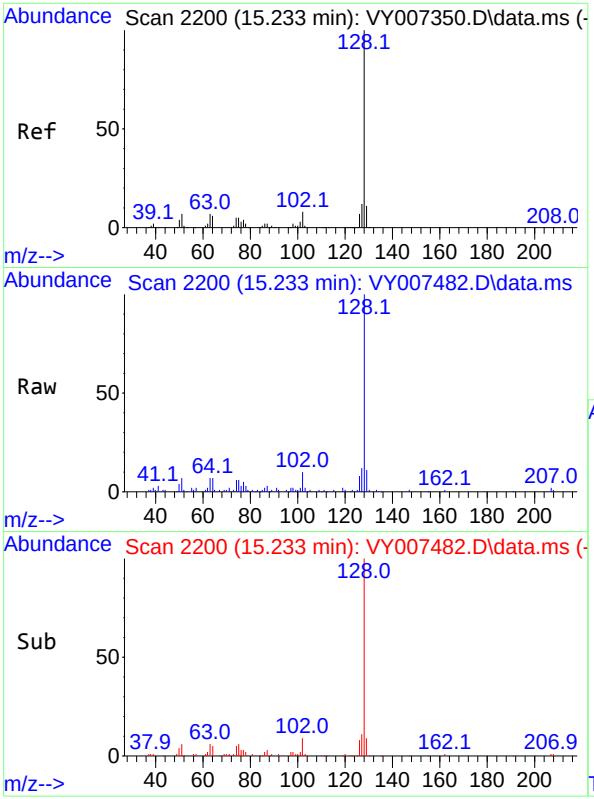


#78
n-propylbenzene
Concen: 1.392 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Tgt Ion: 91 Resp: 13756

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.3	33.9





#95
Naphthalene
Concen: 8.190 ug/l
RT: 15.233 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY007482.D
Acq: 11 Feb 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 29559

Ion	Ratio	Lower	Upper
128	100		
127	13.8	11.0	16.4
129	11.8	8.4	12.6