Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
Data File : VY013152.D
Acq On : 30 Mar 2023 16:00
Operator : KP/MD
Sample : 02133-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-033023

Quant Time: Mar 31 05:46:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 31 05:07:15 2023
Response via : Initial Calibration

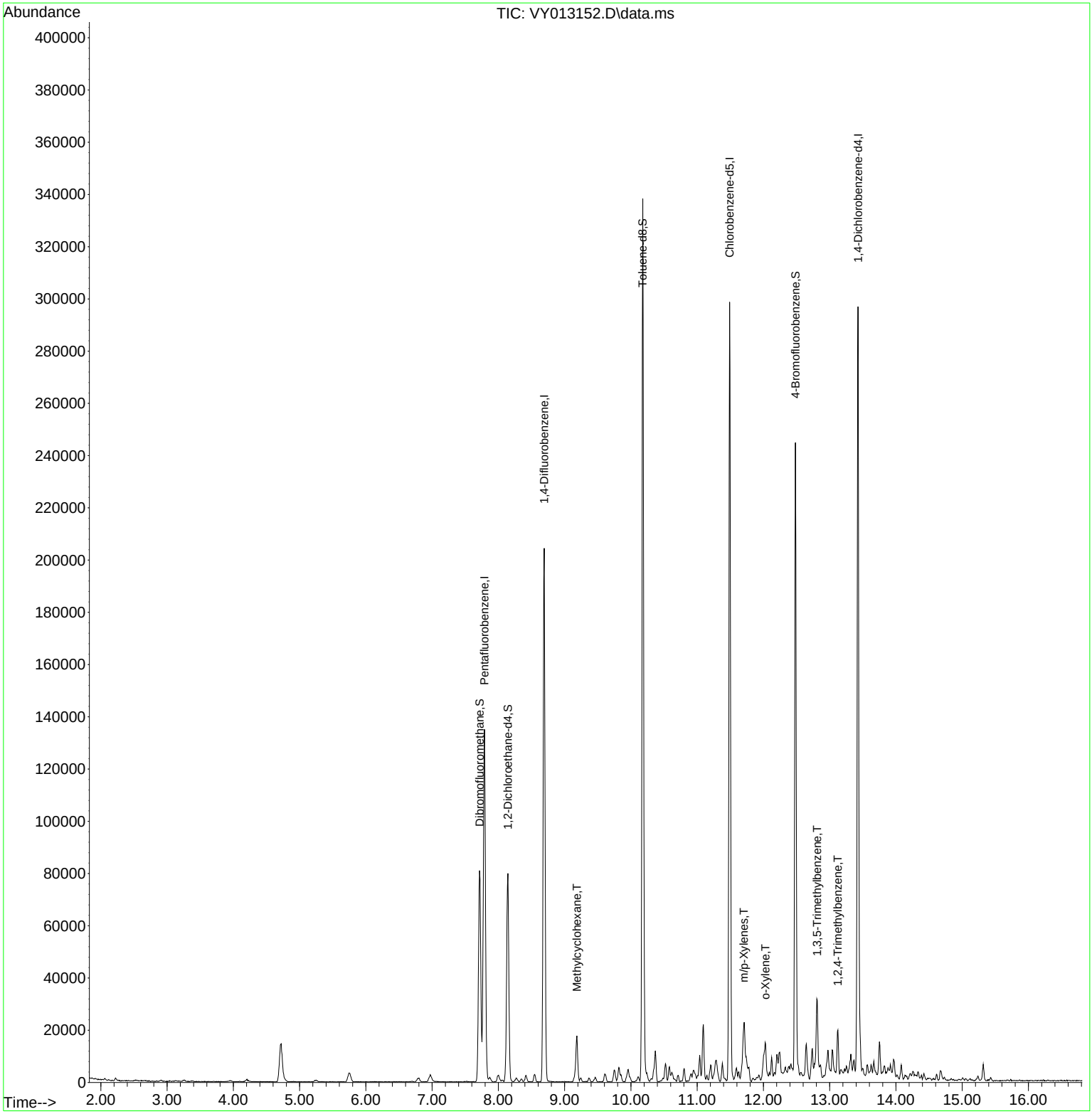
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	102986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	171021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	161319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62243	56.238	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.480%			
35) Dibromofluoromethane	7.716	113	57701	51.647	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.300%			
50) Toluene-d8	10.179	98	206255	48.902	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.800%			
62) 4-Bromofluorobenzene	12.483	95	68730	50.063	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.120%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.185	83	6768	3.430	ug/l	99
68) m/p-Xylenes	11.703	106	4004	1.750	ug/l	97
69) o-Xylene	12.032	106	3021	1.423	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	5356	1.218	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	9402	2.184	ug/l	98

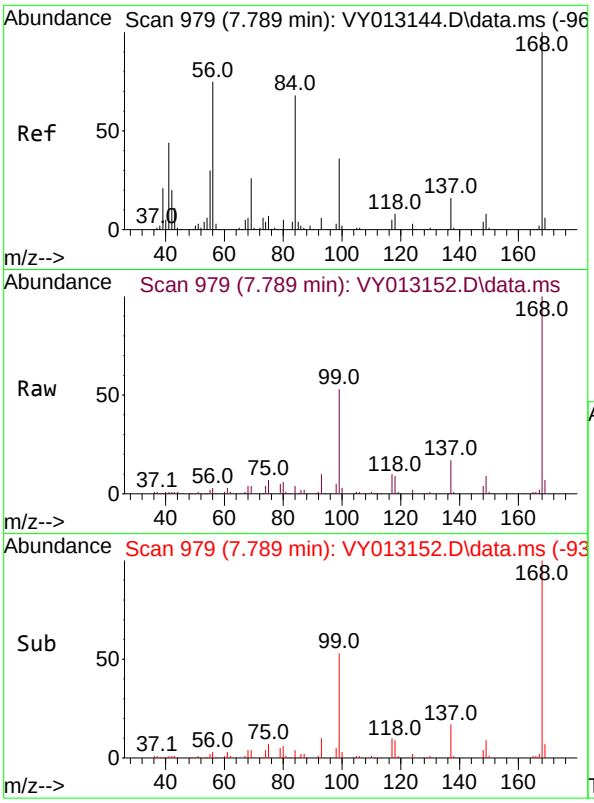
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
Data File : VY013152.D
Acq On : 30 Mar 2023 16:00
Operator : KP/MD
Sample : 02133-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-033023

Quant Time: Mar 31 05:46:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 31 05:07:15 2023
Response via : Initial Calibration



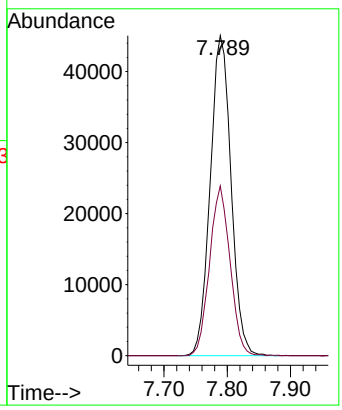


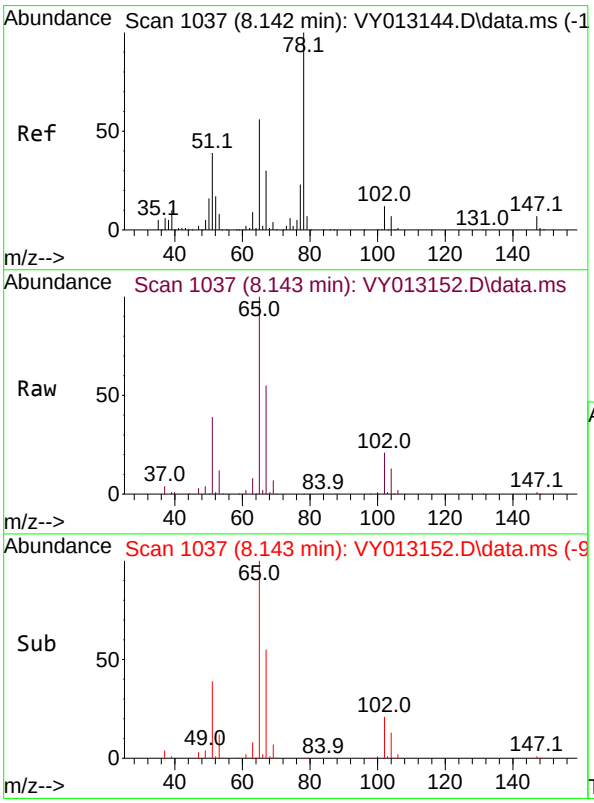
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY013152.D
Acq: 30 Mar 2023 16:00

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-033023

Tgt Ion:168 Resp: 102986

Ion	Ratio	Lower	Upper
168	100		
99	53.1	41.7	62.5

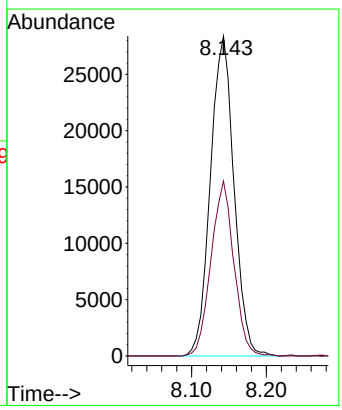


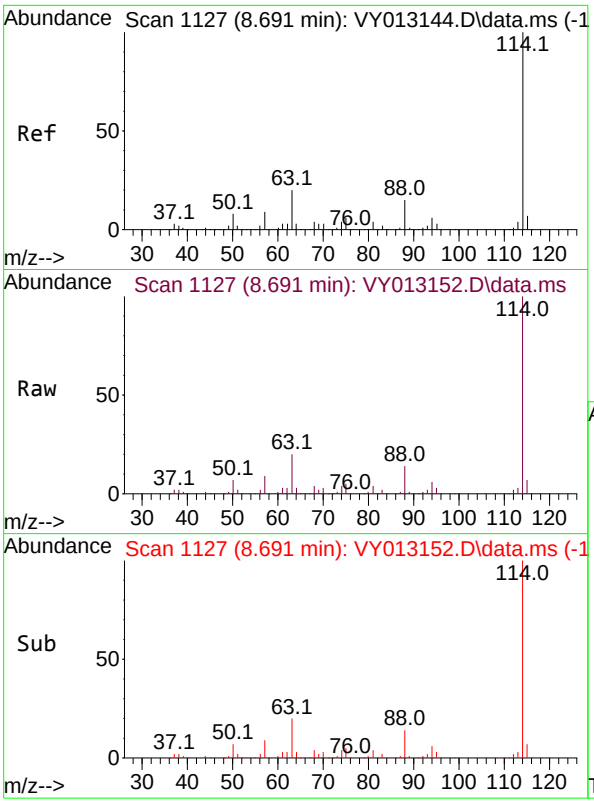


#33
1,2-Dichloroethane-d4
Concen: 56.238 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY013152.D
Acq: 30 Mar 2023 16:00

Tgt Ion: 65 Resp: 62243

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	104.0



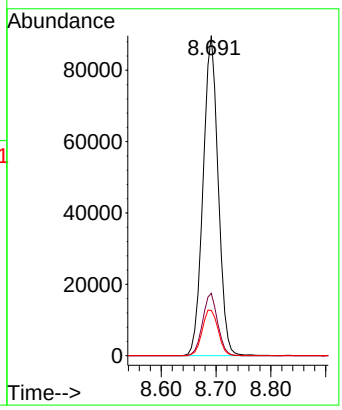


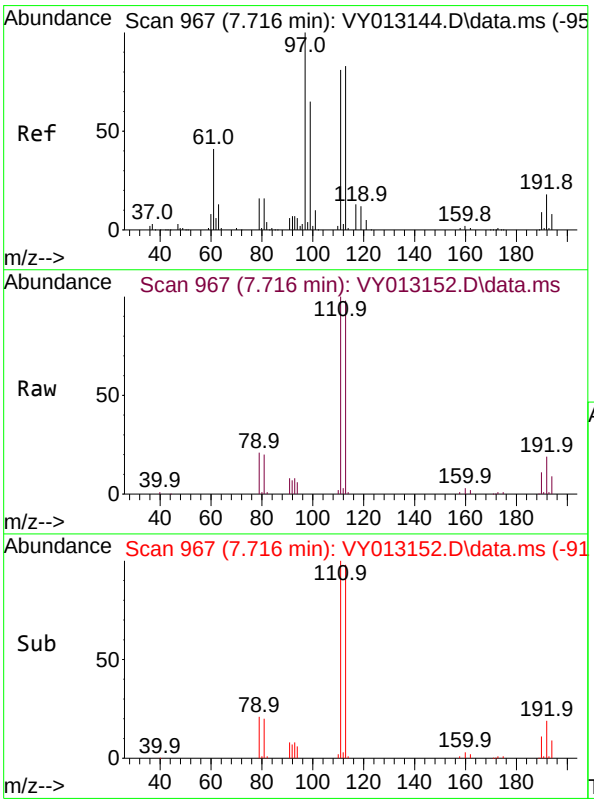
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013152.D
Acq: 30 Mar 2023 16:00

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-033023

Tgt Ion:114 Resp: 171021

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	37.4
88	14.1	0.0	28.6

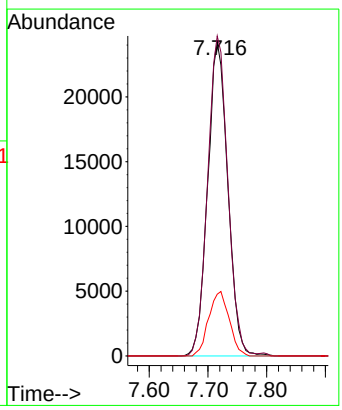


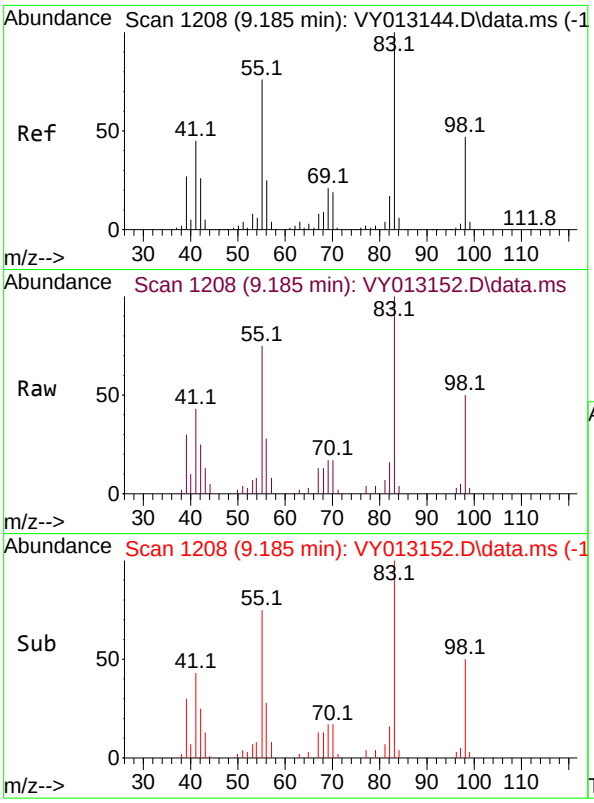


#35
Dibromofluoromethane
Concen: 51.647 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY013152.D
Acq: 30 Mar 2023 16:00

Tgt Ion:113 Resp: 57701

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.2
192	20.9	16.8	25.2



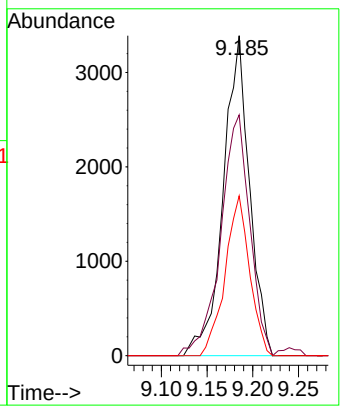


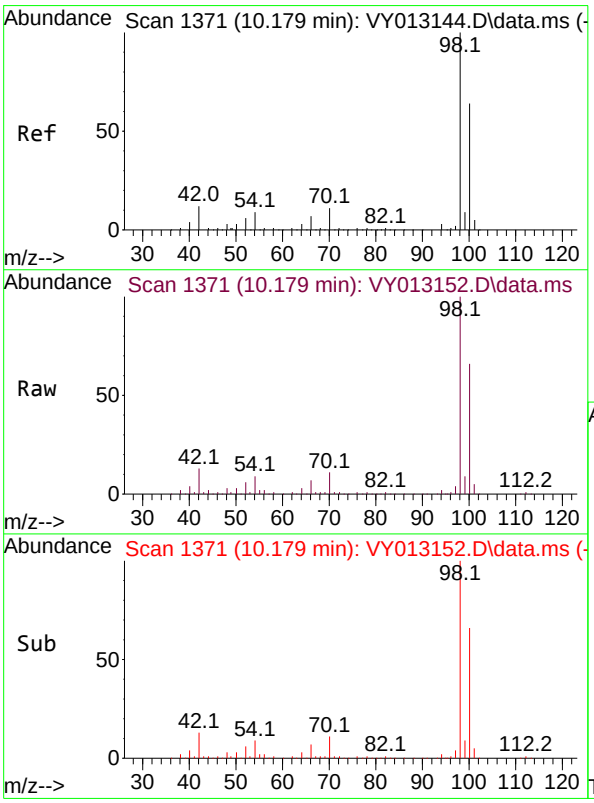
#39
Methylcyclohexane
Concen: 3.430 ug/l
RT: 9.185 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY013152.D
Acq: 30 Mar 2023 16:00

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-033023

Tgt Ion: 83 Resp: 6768

Ion	Ratio	Lower	Upper
83	100		
55	75.3	60.0	90.0
98	50.0	38.3	57.5

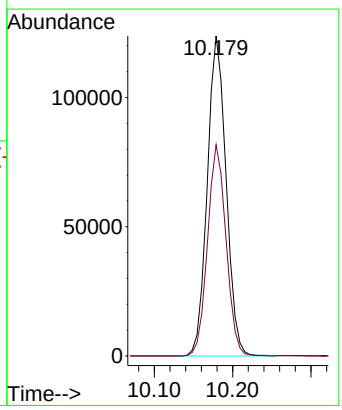


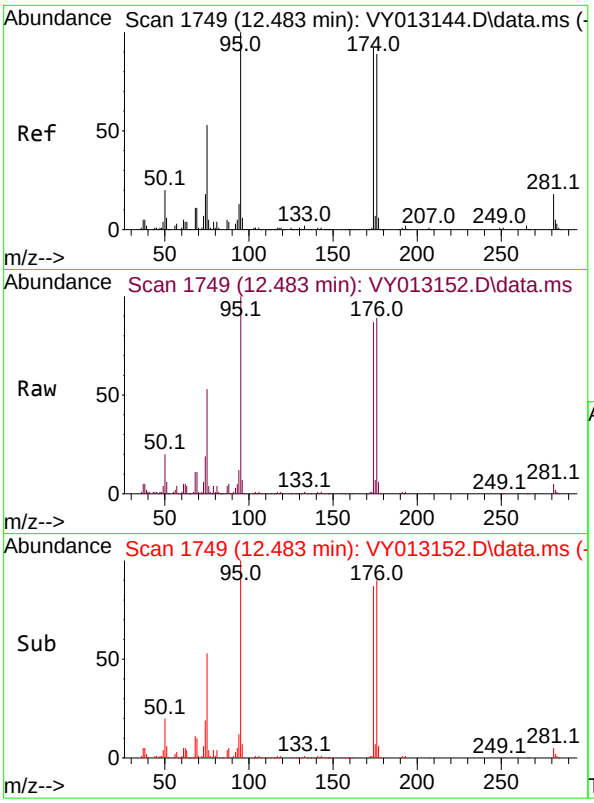


#50
Toluene-d8
Concen: 48.902 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013152.D
Acq: 30 Mar 2023 16:00

Tgt Ion: 98 Resp: 206255

Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.9	76.3



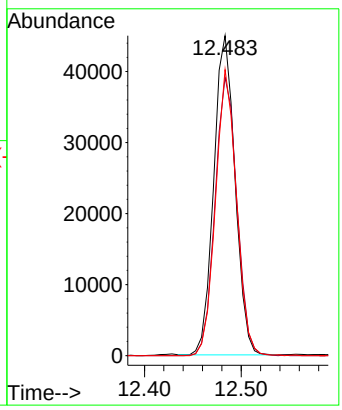


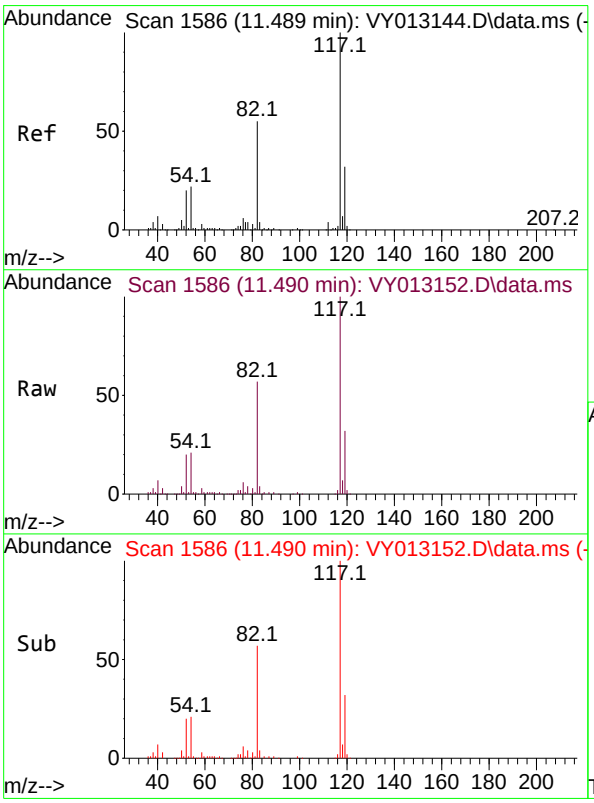
#62
4-Bromofluorobenzene
Concen: 50.063 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY013152.D
Acq: 30 Mar 2023 16:00

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-033023

Tgt Ion: 95 Resp: 68730

Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	176.6
176	88.0	0.0	170.2

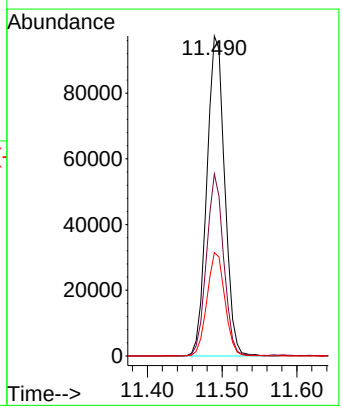


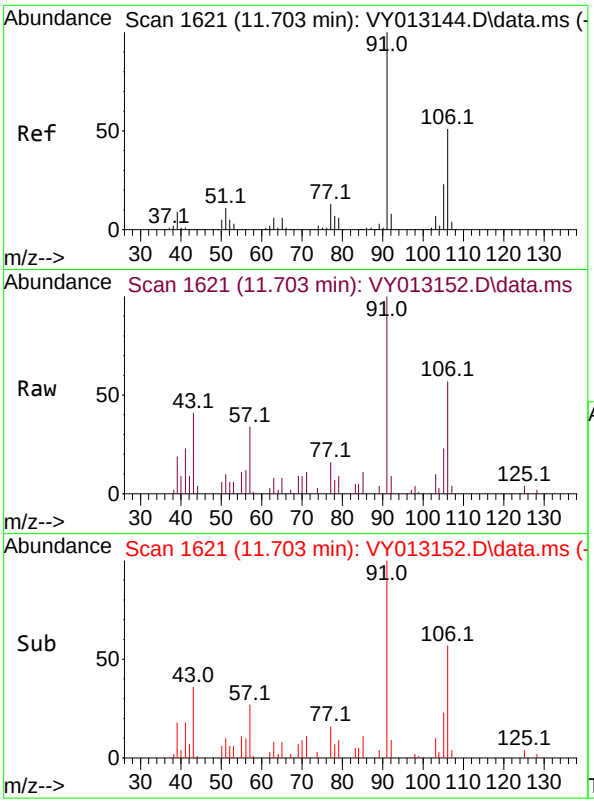


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013152.D
Acq: 30 Mar 2023 16:00

Tgt Ion:117 Resp: 161319

Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.4	68.0
119	32.3	25.6	38.4



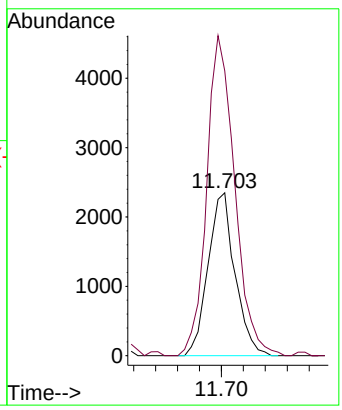


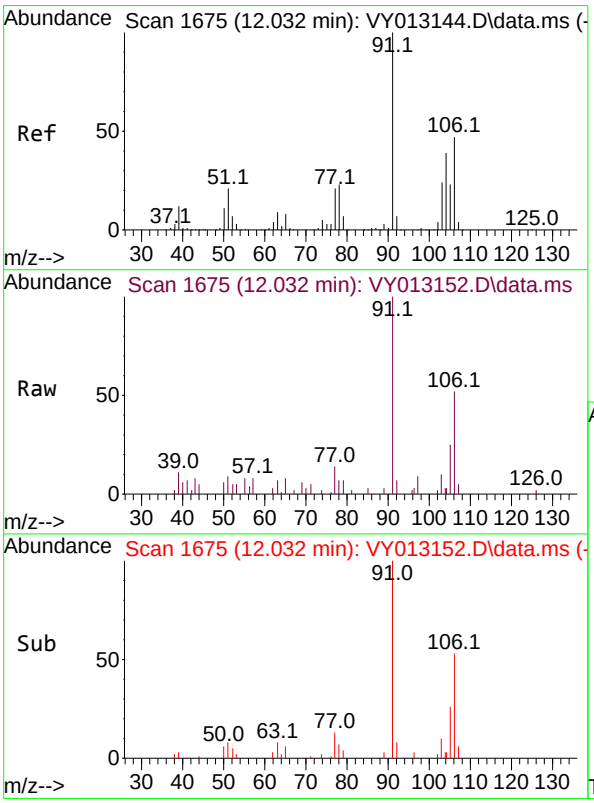
#68
m/p-Xylenes
Concen: 1.750 ug/l
RT: 11.703 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY013152.D
Acq: 30 Mar 2023 16:00

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-033023

Tgt Ion:106 Resp: 4004

Ion	Ratio	Lower	Upper
106	100		
91	204.5	159.8	239.8

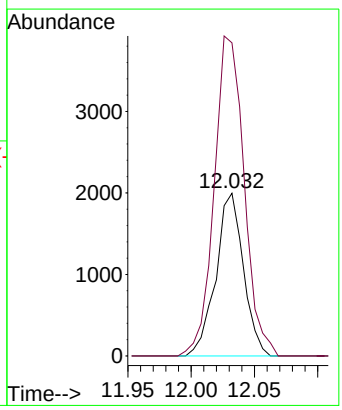


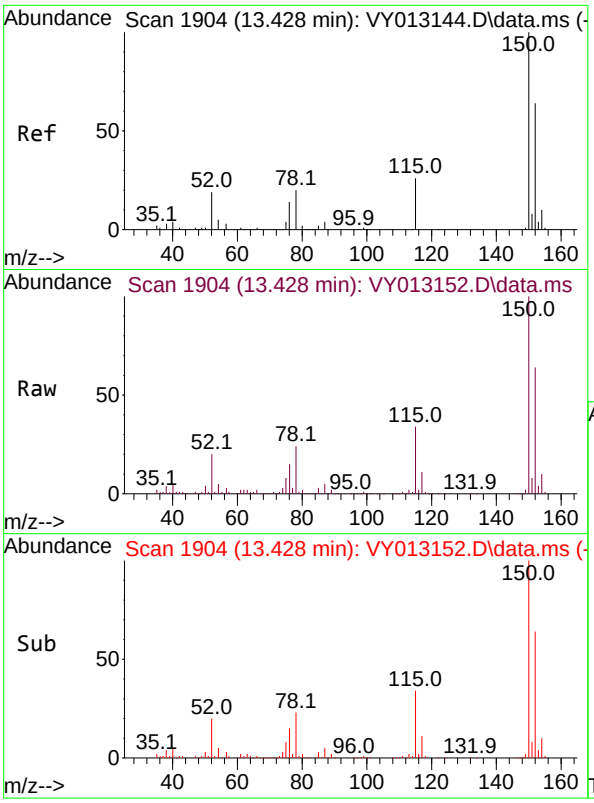


#69
o-Xylene
Concen: 1.423 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013152.D
Acq: 30 Mar 2023 16:00

Tgt Ion:106 Resp: 3021

Ion	Ratio	Lower	Upper
106	100		
91	213.5	107.2	321.6



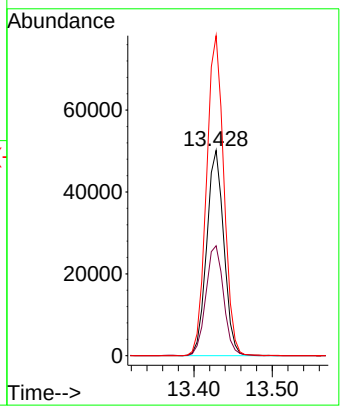


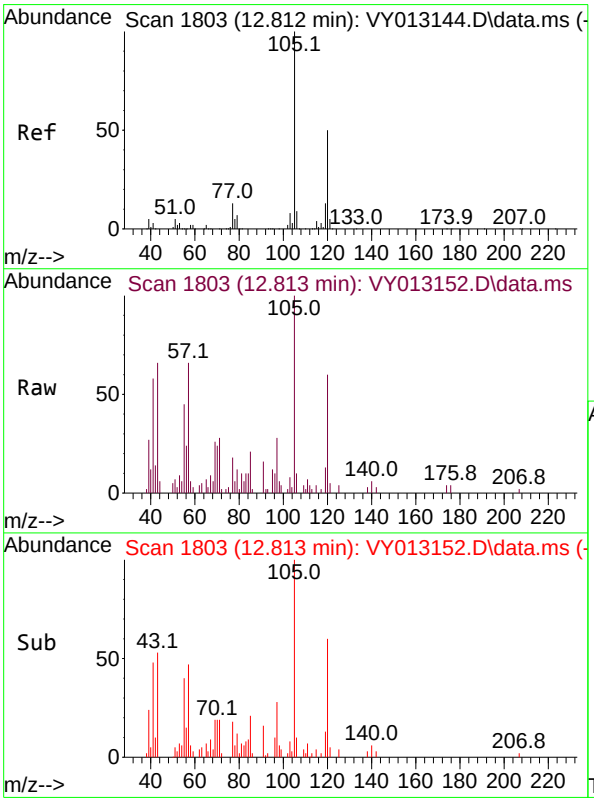
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY013152.D
Acq: 30 Mar 2023 16:00

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-033023

Tgt Ion:152 Resp: 76173

Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.1	81.3
150	157.5	0.0	347.8

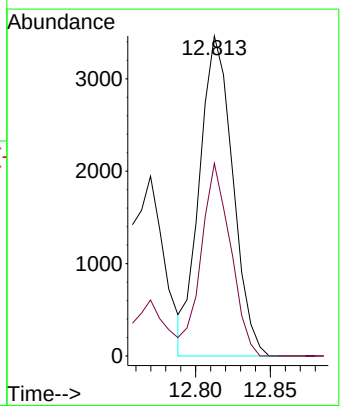


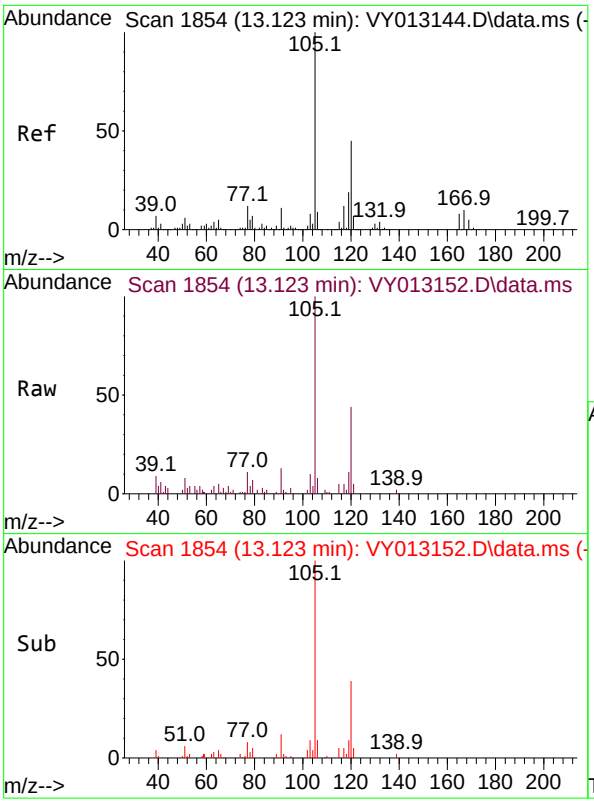


#80
1,3,5-Trimethylbenzene
Concen: 1.218 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013152.D
Acq: 30 Mar 2023 16:00

Tgt Ion:105 Resp: 5356

Ion	Ratio	Lower	Upper
105	100		
120	53.3	24.8	74.4





#84
1,2,4-Trimethylbenzene
Concen: 2.184 ug/l
RT: 13.123 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY013152.D
Acq: 30 Mar 2023 16:00

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-033023

Tgt Ion:105 Resp: 9402

Ion	Ratio	Lower	Upper
105	100		
120	44.5	23.0	69.0