Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032223\
Data File : VY013043.D
Acq On : 22 Mar 2023 12:47
Operator : KP/MD
Sample : 02021-05
Misc : 7.30g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
JPP-6D-032023

Quant Time: Mar 23 05:20:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	80610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	135970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	124024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55075	68.813	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.620%			
35) Dibromofluoromethane	7.716	113	47983	58.475	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.940%			
50) Toluene-d8	10.179	98	162601	54.203	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.400%			
62) 4-Bromofluorobenzene	12.483	95	50789	50.161	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.320%			
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	11815	7.789	ug/l	91
52) Toluene	10.240	92	4216	1.797	ug/l	93
69) o-Xylene	12.026	106	3613	2.199	ug/l	94

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

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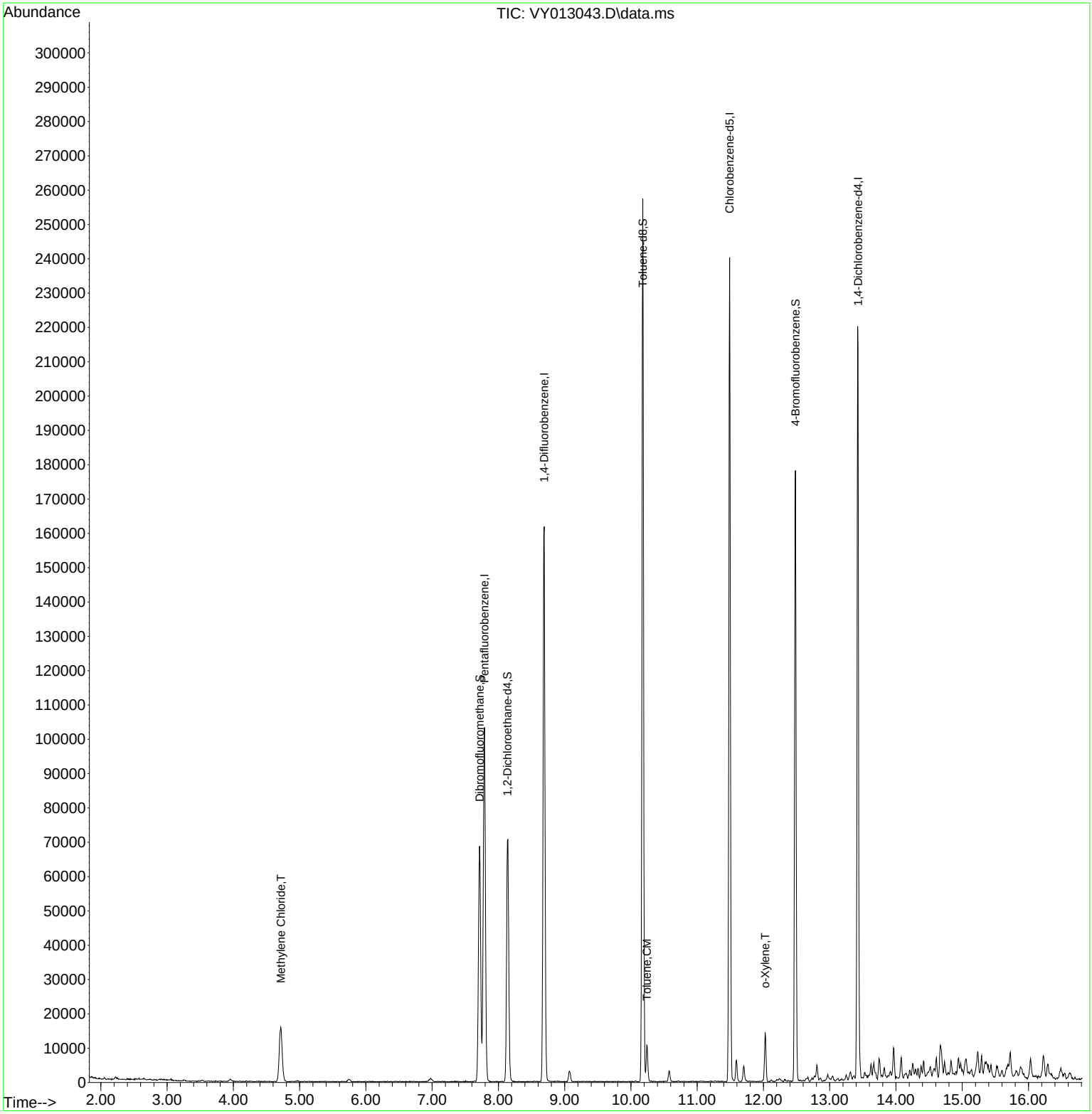
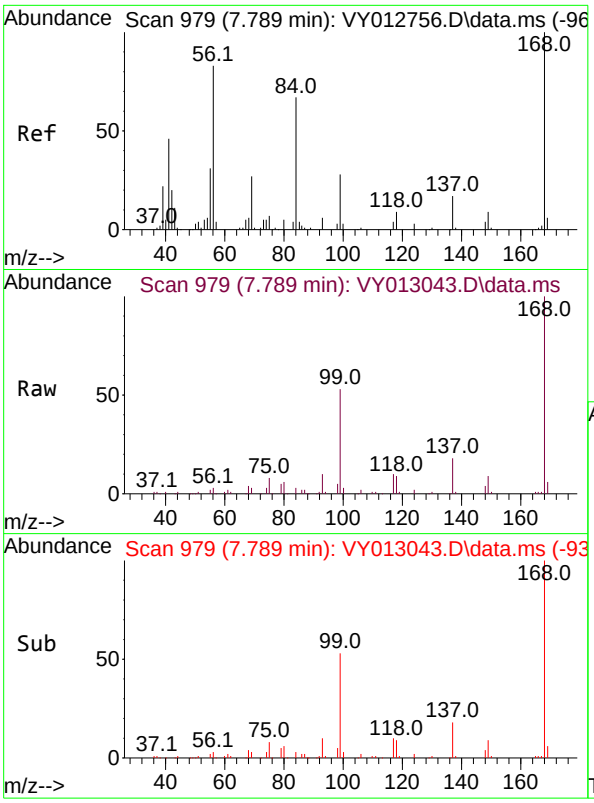


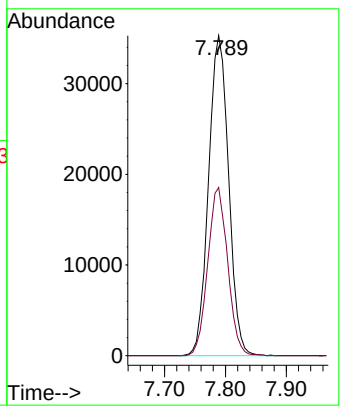


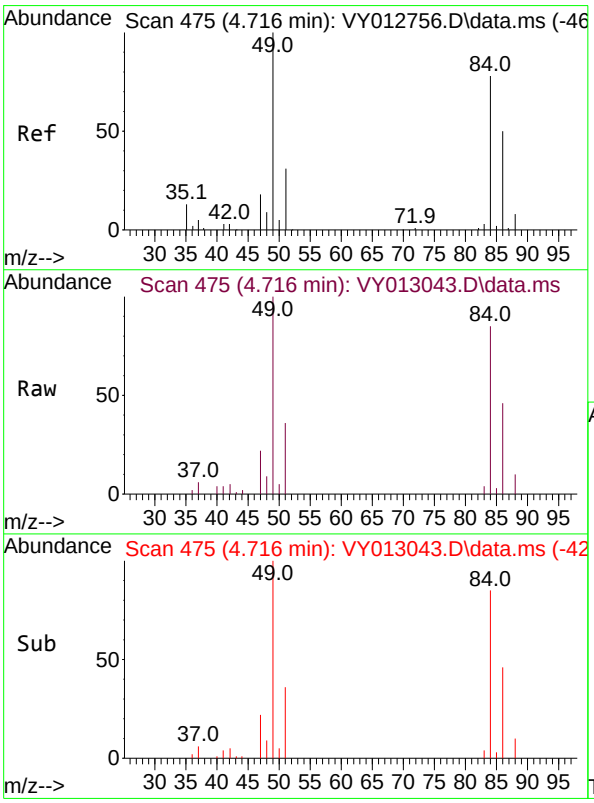
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY013043.D
Acq: 22 Mar 2023 12:47

Instrument :
MSVOA_Y
ClientSampleId :
JPP-6D-032023

Tgt Ion:168 Resp: 80610

Ion	Ratio	Lower	Upper
168	100		
99	52.5	41.7	62.5

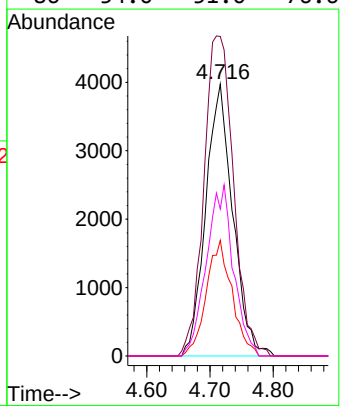


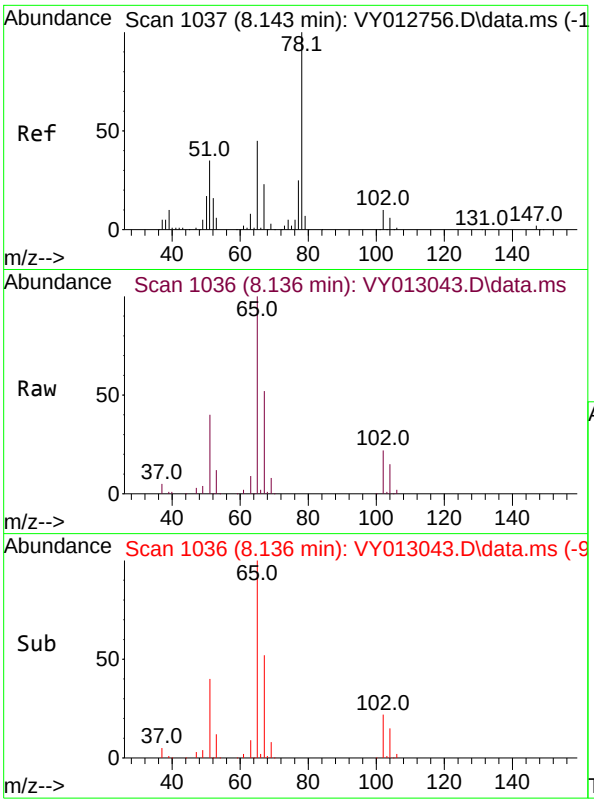


#20
Methylene Chloride
Concen: 7.789 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013043.D
Acq: 22 Mar 2023 12:47

Tgt Ion: 84 Resp: 11815

Ion	Ratio	Lower	Upper
84	100		
49	117.5	102.6	154.0
51	42.6	31.9	47.9
86	54.0	51.0	76.6



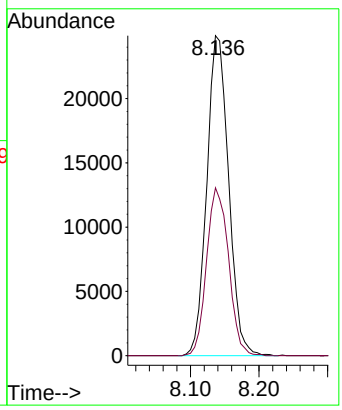


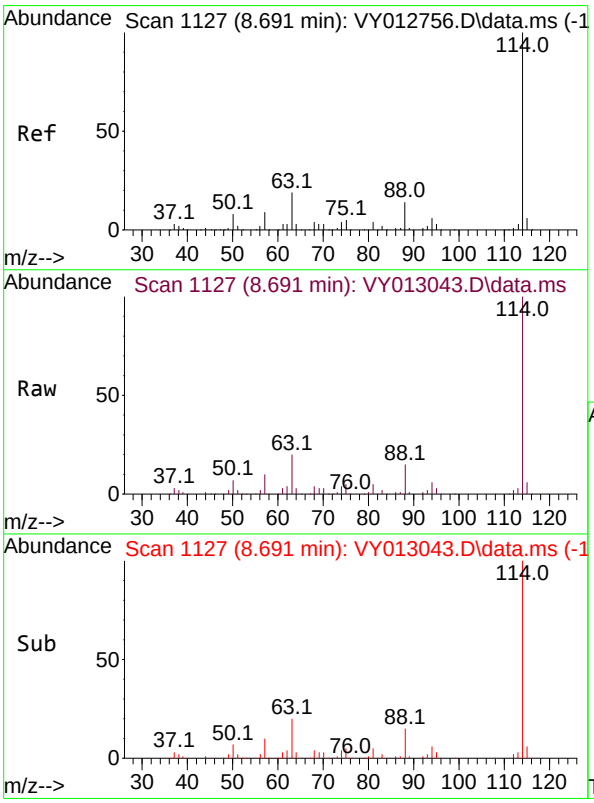
#33
1,2-Dichloroethane-d4
Concen: 68.813 ug/l
RT: 8.136 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY013043.D
Acq: 22 Mar 2023 12:47

Instrument :
MSVOA_Y
ClientSampleId :
JPP-6D-032023

Tgt Ion: 65 Resp: 55075

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	104.0

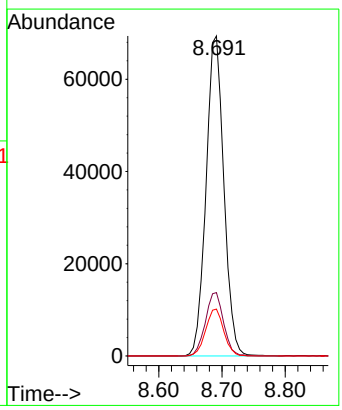


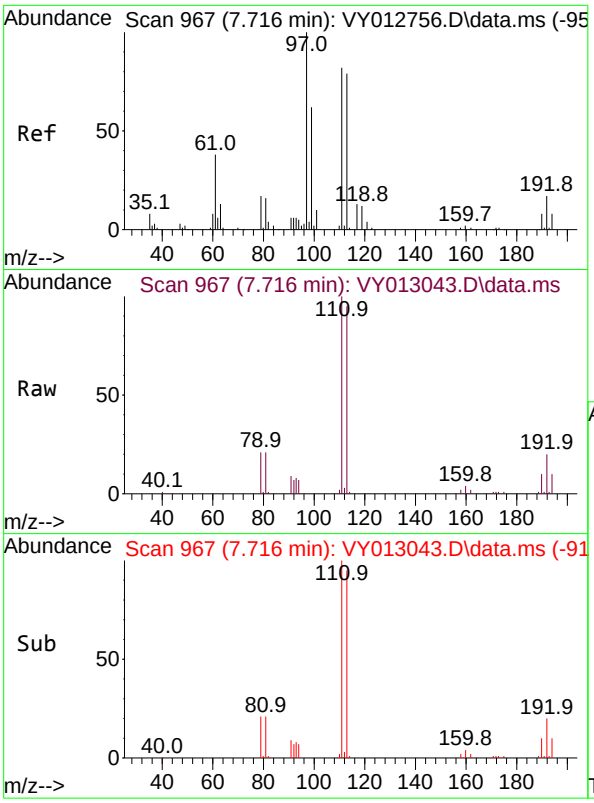


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013043.D
Acq: 22 Mar 2023 12:47

Tgt Ion:114 Resp: 135970

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	37.4
88	14.6	0.0	28.6



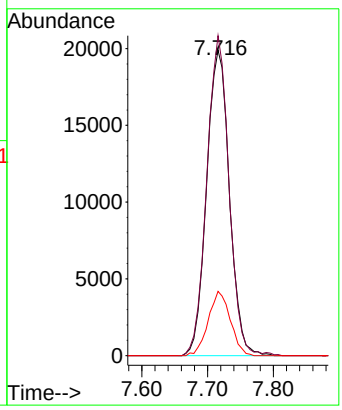


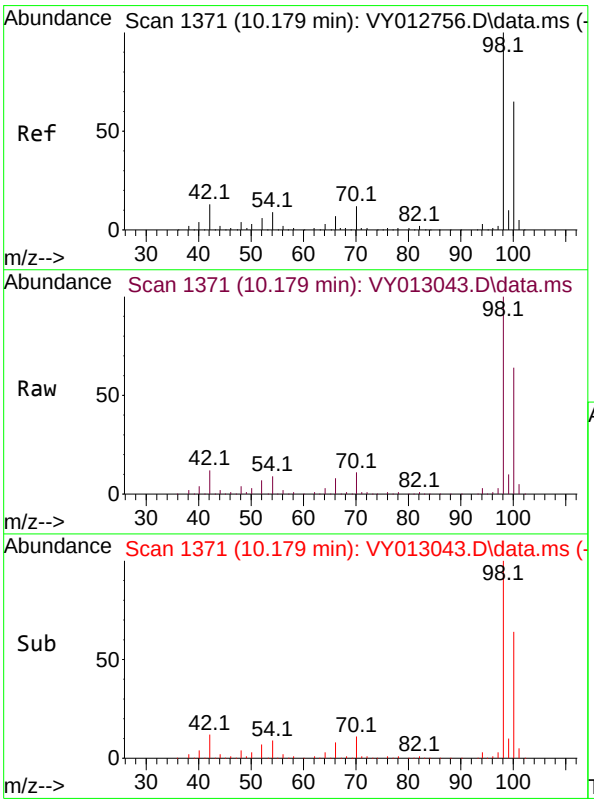
#35
Dibromofluoromethane
Concen: 58.475 ug/l
RT: 7.716 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY013043.D
Acq: 22 Mar 2023 12:47

Instrument :
MSVOA_Y
ClientSampleId :
JPP-6D-032023

Tgt Ion:113 Resp: 47983

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.2
192	20.4	16.8	25.2

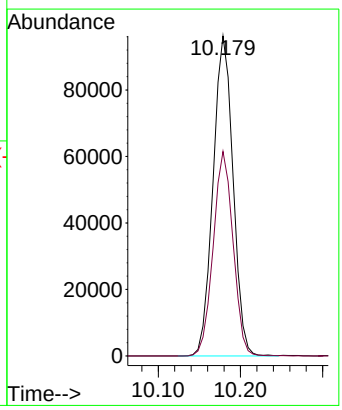


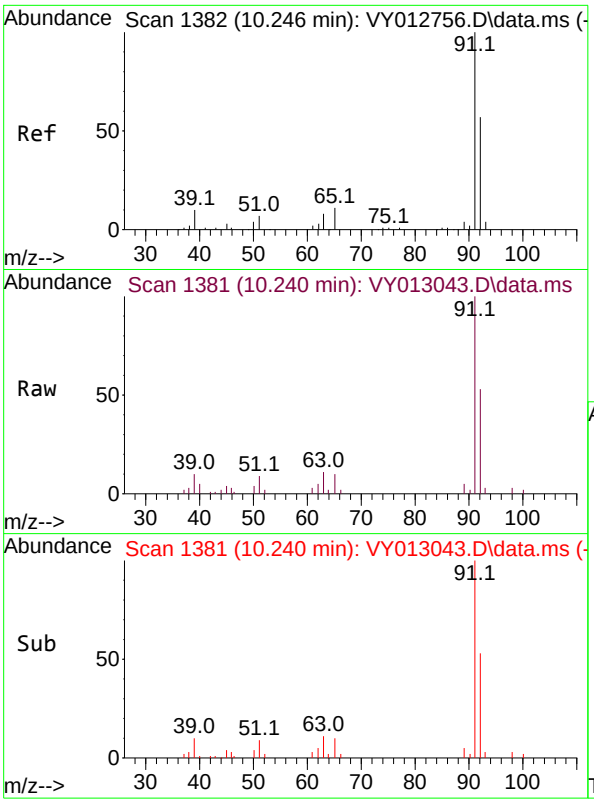


#50
Toluene-d8
Concen: 54.203 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013043.D
Acq: 22 Mar 2023 12:47

Tgt Ion: 98 Resp: 162601

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3



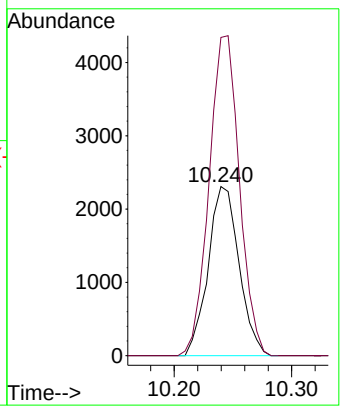


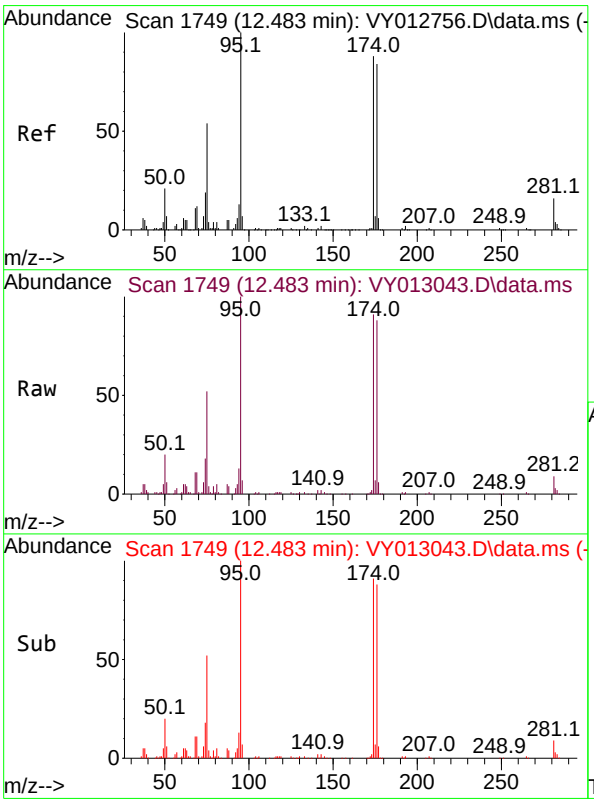
#52
Toluene
Concen: 1.797 ug/l
RT: 10.240 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY013043.D
Acq: 22 Mar 2023 12:47

Instrument :
MSVOA_Y
ClientSampleId :
JPP-6D-032023

Tgt Ion: 92 Resp: 4216

Ion	Ratio	Lower	Upper
92	100		
91	186.1	141.3	211.9

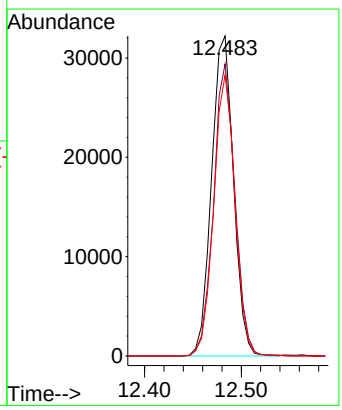


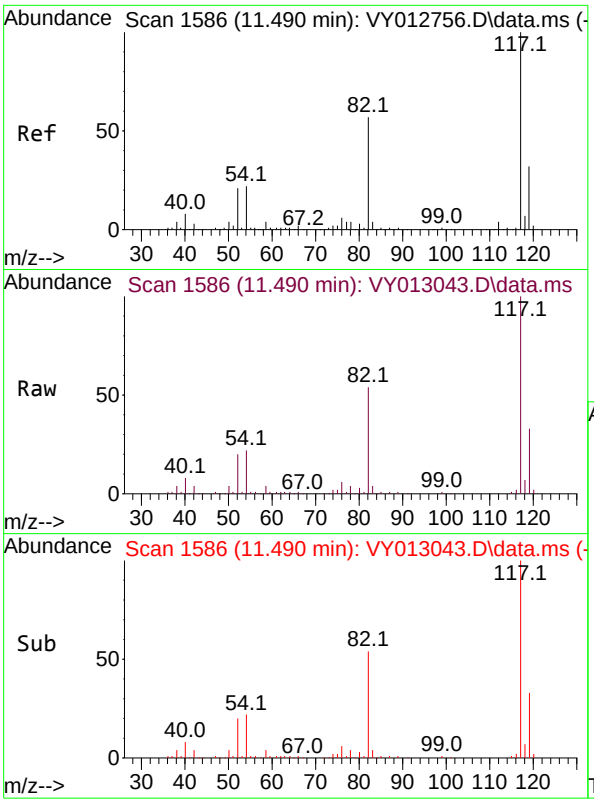


#62
4-Bromofluorobenzene
Concen: 50.161 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013043.D
Acq: 22 Mar 2023 12:47

Tgt Ion: 95 Resp: 50789

Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	176.6
176	85.1	0.0	170.2



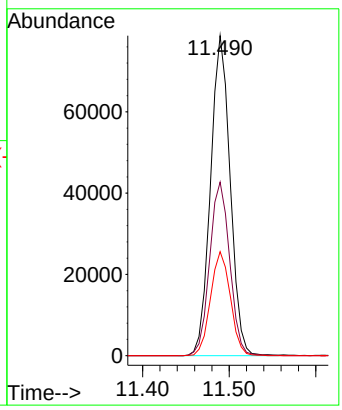


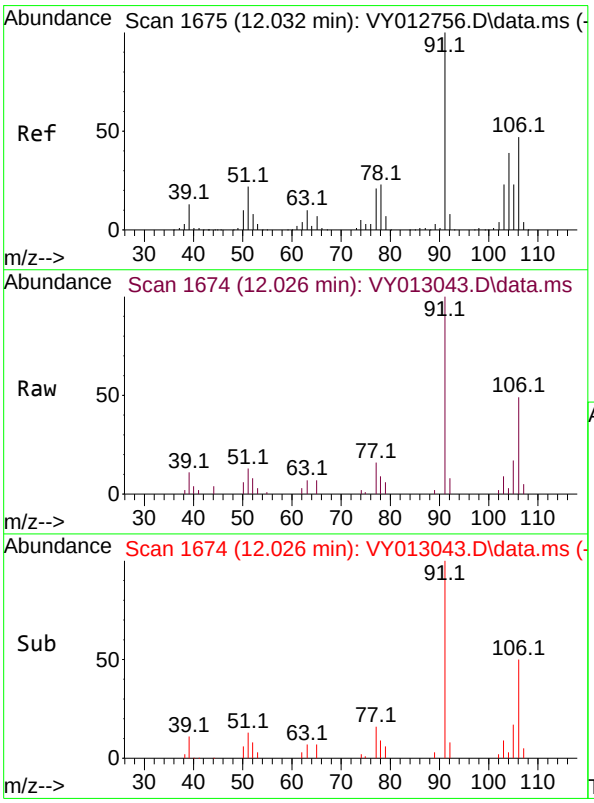
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY013043.D
Acq: 22 Mar 2023 12:47

Instrument :
MSVOA_Y
ClientSampleId :
JPP-6D-032023

Tgt Ion:117 Resp: 124024

Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.4	68.0
119	32.5	25.6	38.4

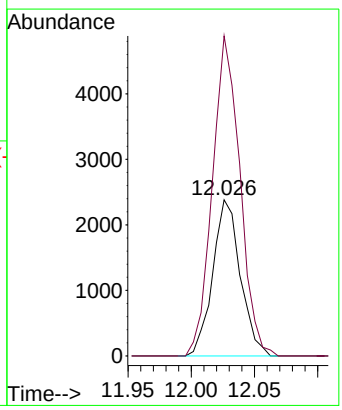


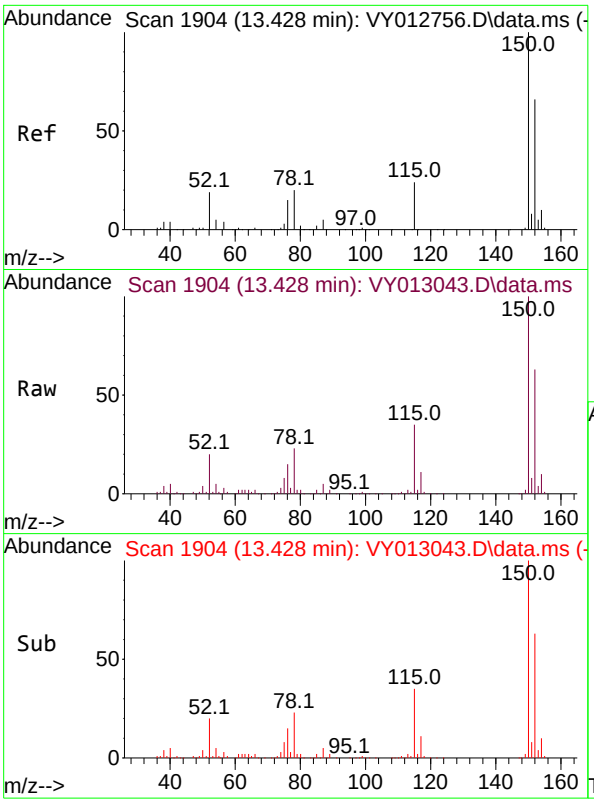


#69
o-Xylene
Concen: 2.199 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013043.D
Acq: 22 Mar 2023 12:47

Tgt Ion:106 Resp: 3613

Ion	Ratio	Lower	Upper
106	100		
91	204.8	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: VY013043.D
Acq: 22 Mar 2023 12:47

Instrument :
MSVOA_Y
ClientSampleId :
JPP-6D-032023

Tgt Ion:152 Resp: 55619

Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.1	81.3
150	156.4	0.0	347.8