Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019652.D
Acq On : 20 Sep 2024 17:43
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Sep 20 23:53:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.701	168	411731	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	758596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	687886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	296811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	223421	58.602	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.200%			
35) Dibromofluoromethane	7.628	113	237872	55.305	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.600%			
50) Toluene-d8	10.103	98	892345	56.091	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.180%			
62) 4-Bromofluorobenzene	12.401	95	305420	49.929	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 99.860%			
Target Compounds						Qvalue
67) Ethyl Benzene	11.517	91	60282	2.507	ug/l	97
68) m/p-Xylenes	11.621	106	98541	10.839	ug/l	94
69) o-Xylene	11.956	106	36683	4.126	ug/l	91
84) 1,2,4-Trimethylbenzene	13.041	105	212011	12.235	ug/l	99

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

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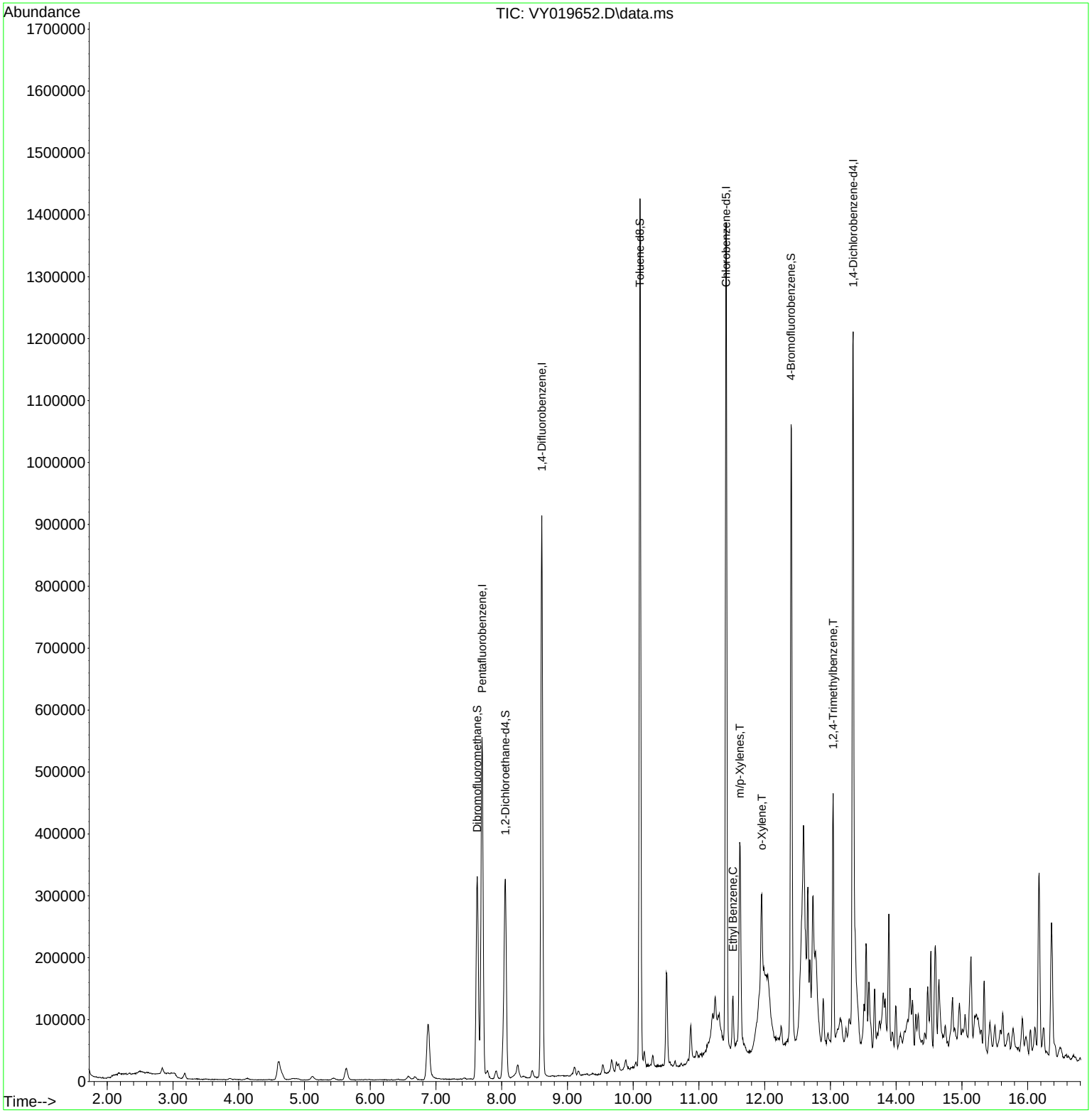
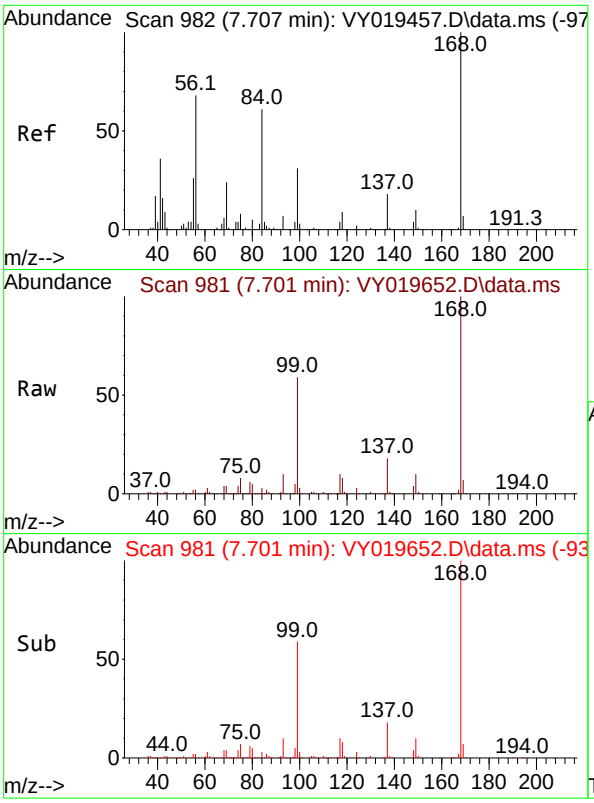


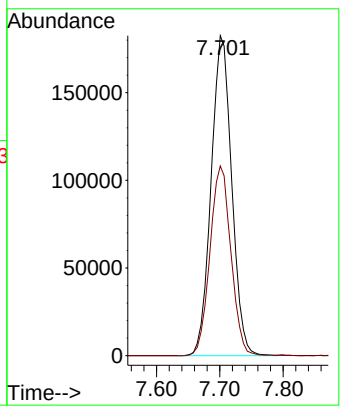


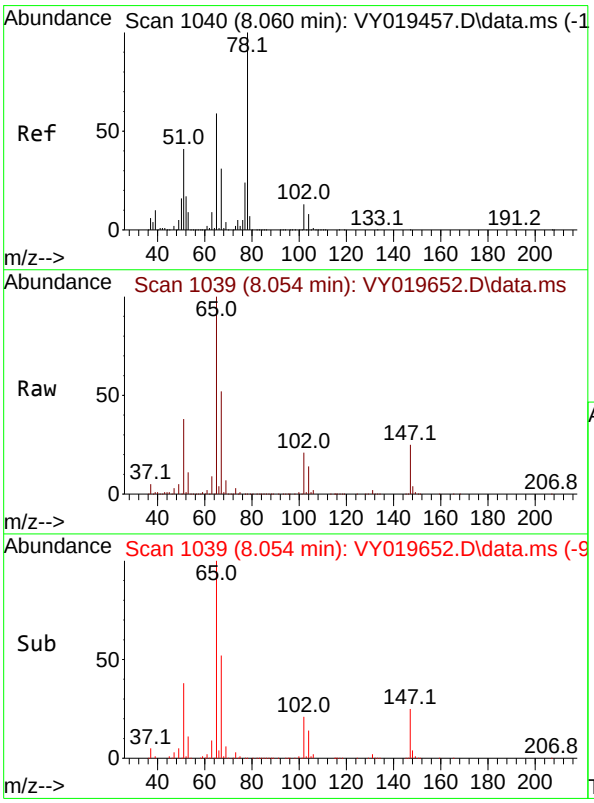
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY019652.D
Acq: 20 Sep 2024 17:43

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 411731

Ion	Ratio	Lower	Upper
168	100		
99	59.3	39.1	58.7#

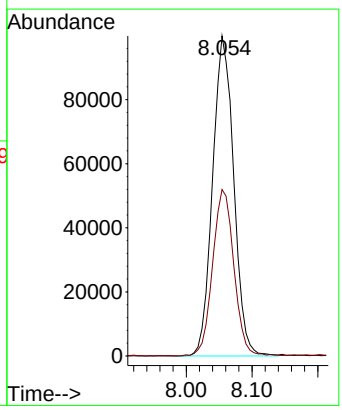


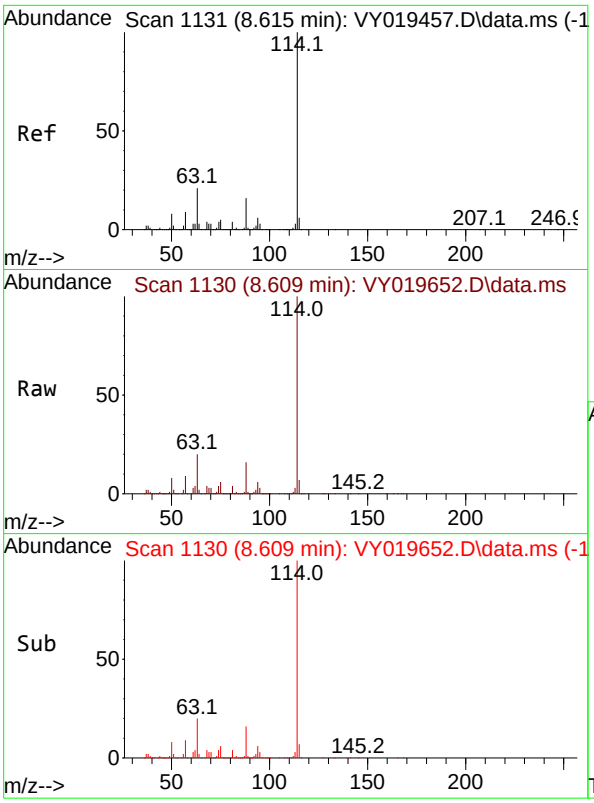


#33
1,2-Dichloroethane-d4
Concen: 58.602 ug/l
RT: 8.054 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019652.D
Acq: 20 Sep 2024 17:43

Tgt Ion: 65 Resp: 223421

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	109.6



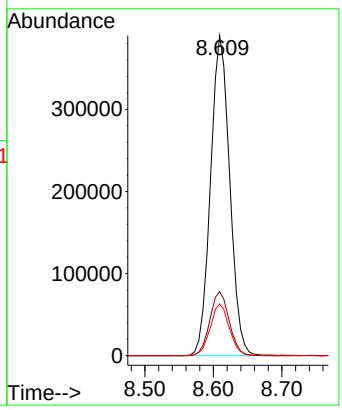


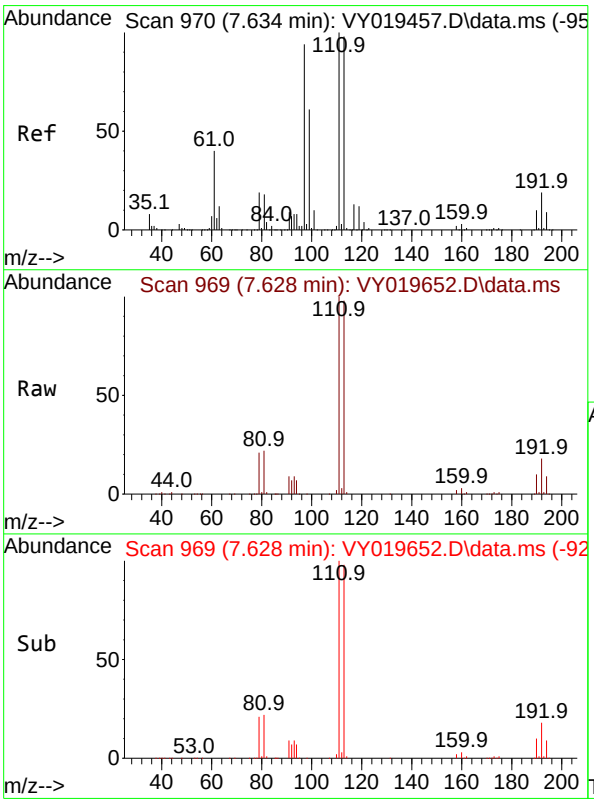
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY019652.D
Acq: 20 Sep 2024 17:43

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 758596

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	35.0
88	16.1	0.0	27.2

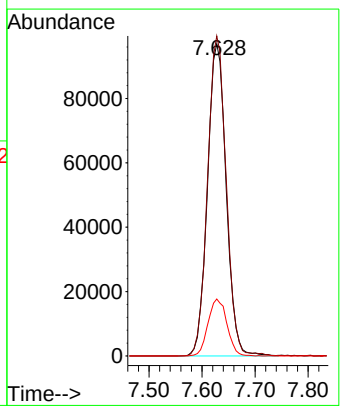


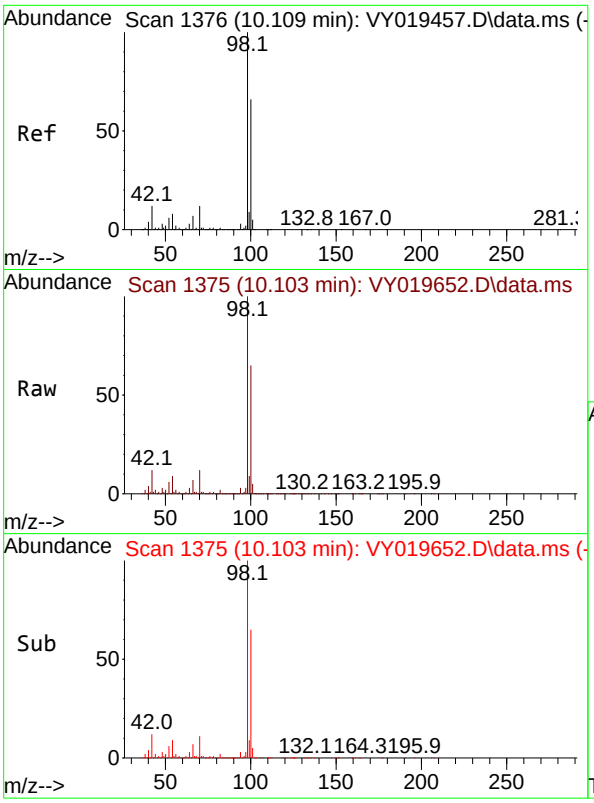


#35
Dibromofluoromethane
Concen: 55.305 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019652.D
Acq: 20 Sep 2024 17:43

Tgt Ion:113 Resp: 237872

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	18.4	15.9	23.9



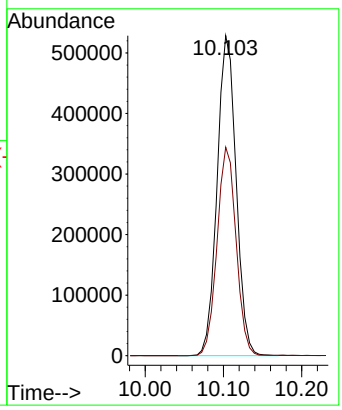


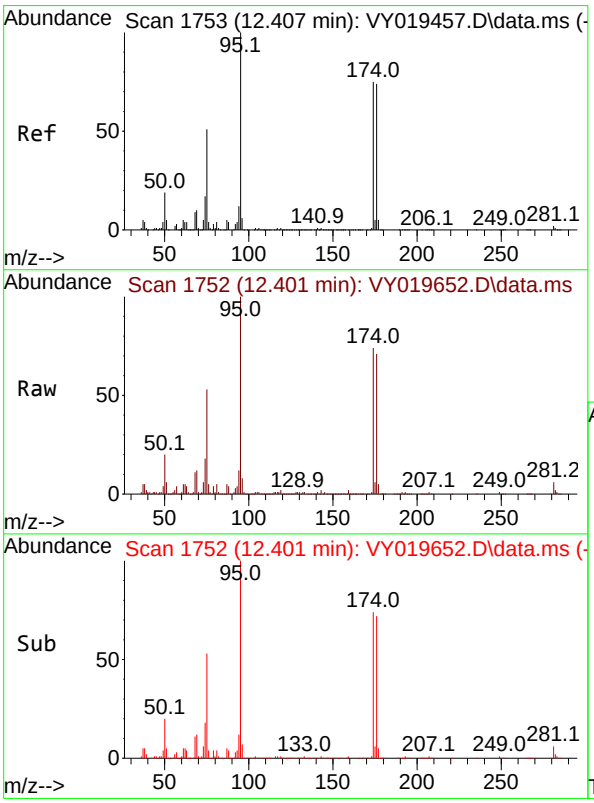
#50
Toluene-d8
Concen: 56.091 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY019652.D
Acq: 20 Sep 2024 17:43

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 892345

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.0	78.0

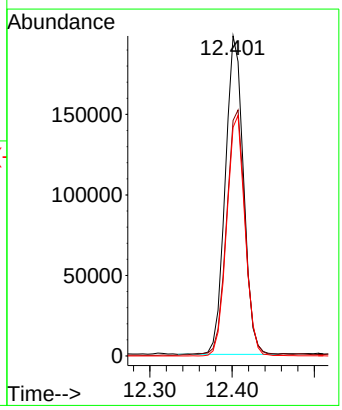


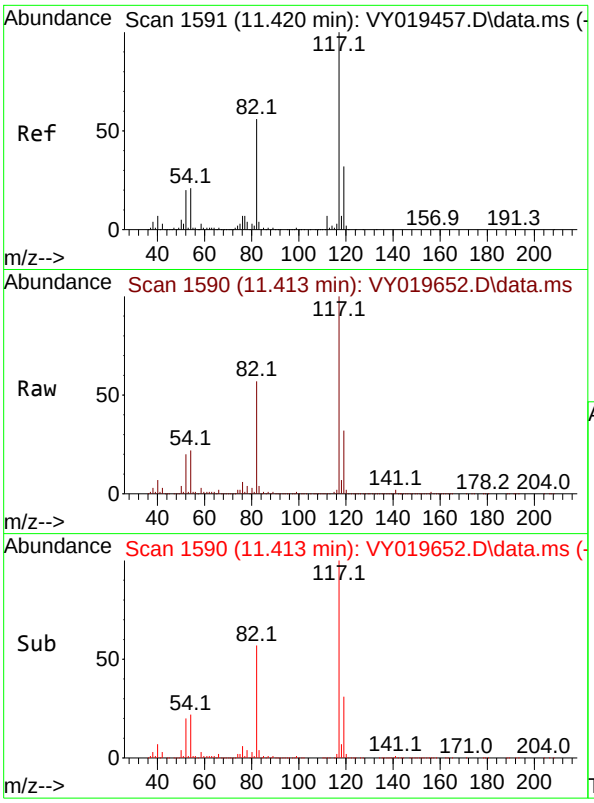


#62
4-Bromofluorobenzene
Concen: 49.929 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019652.D
Acq: 20 Sep 2024 17:43

Tgt Ion: 95 Resp: 305420

Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	175.6
176	75.6	0.0	171.4



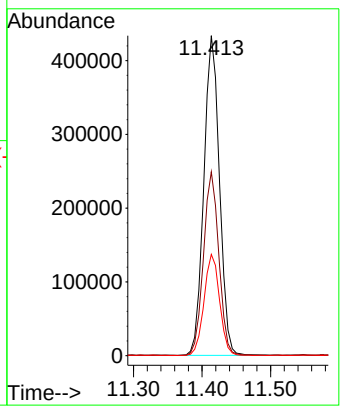


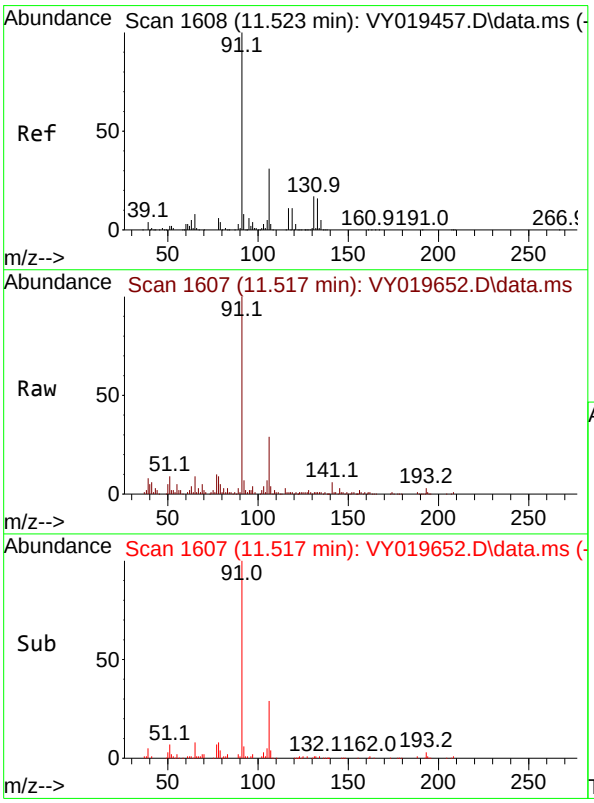
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.413 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY019652.D
Acq: 20 Sep 2024 17:43

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 687886

Ion	Ratio	Lower	Upper
117	100		
82	57.4	42.4	63.6
119	31.6	25.9	38.9

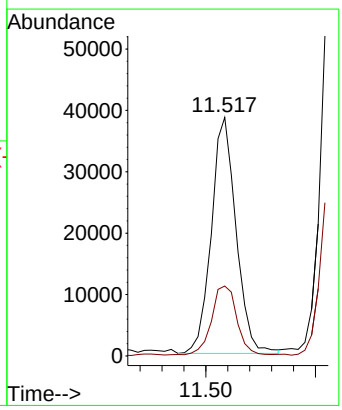


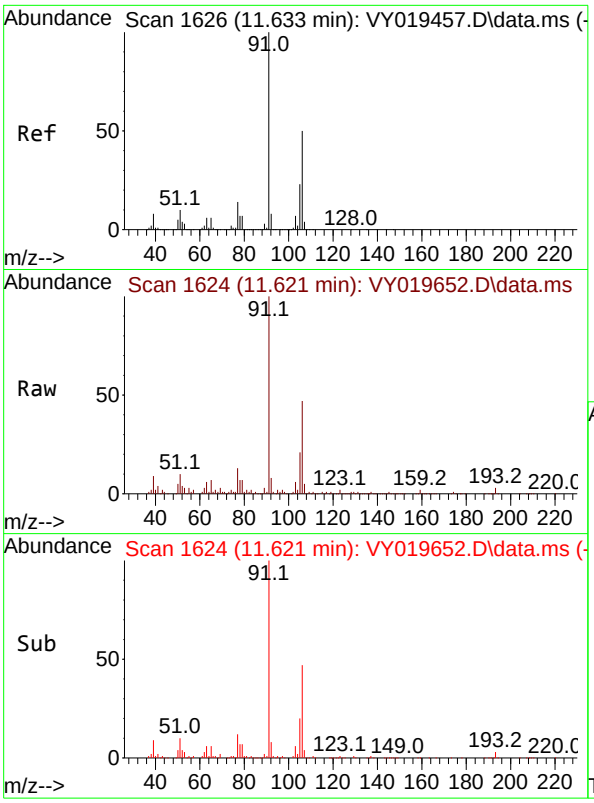


#67
Ethyl Benzene
Concen: 2.507 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019652.D
Acq: 20 Sep 2024 17:43

Tgt Ion: 91 Resp: 60282

Ion	Ratio	Lower	Upper
91	100		
106	29.1	24.5	36.7



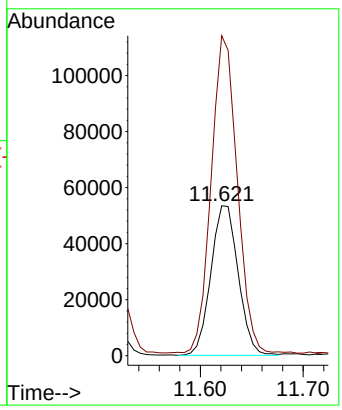


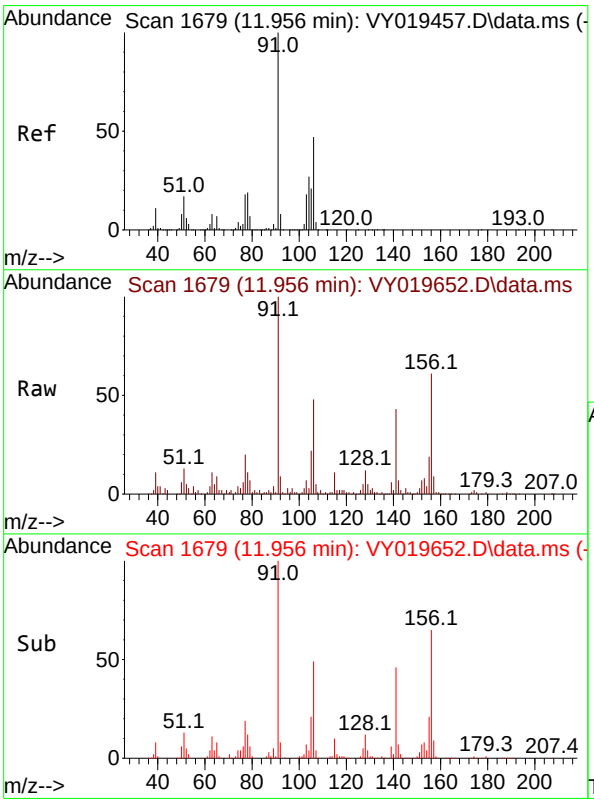
#68
m/p-Xylenes
Concen: 10.839 ug/l
RT: 11.621 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY019652.D
Acq: 20 Sep 2024 17:43

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:106 Resp: 98541

Ion	Ratio	Lower	Upper
106	100		
91	203.3	156.0	234.0

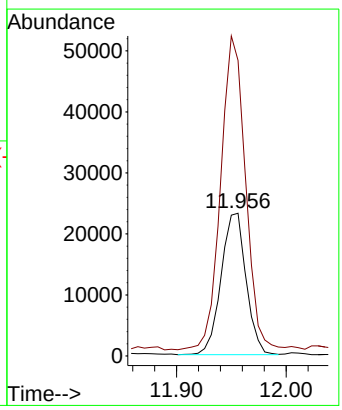


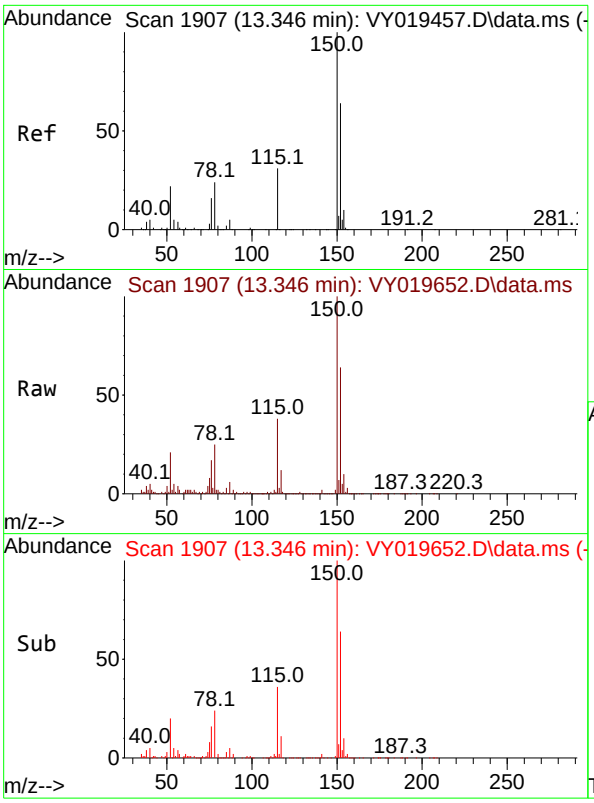


#69
o-Xylene
Concen: 4.126 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY019652.D
Acq: 20 Sep 2024 17:43

Tgt Ion:106 Resp: 36683

Ion	Ratio	Lower	Upper
106	100		
91	220.4	103.6	310.8



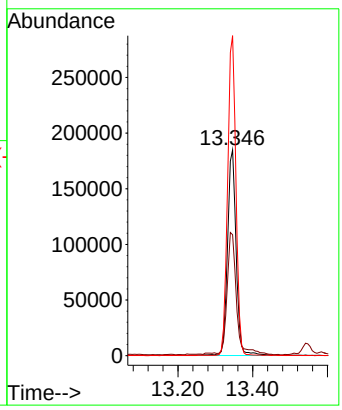


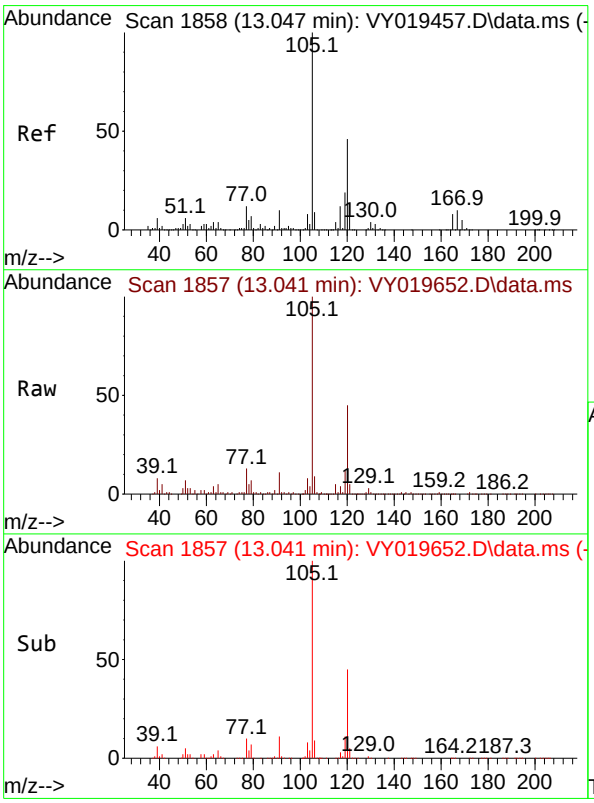
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY019652.D
Acq: 20 Sep 2024 17:43

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:152 Resp: 296811

Ion	Ratio	Lower	Upper
152	100		
115	63.9	28.2	84.7
150	149.4	0.0	345.6





#84
1,2,4-Trimethylbenzene
Concen: 12.235 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019652.D
Acq: 20 Sep 2024 17:43

Tgt Ion:105 Resp: 212011

Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.2	69.6