Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
Data File : VY015029.D
Acq On : 10 Aug 2023 15:52
Operator : SY/MD
Sample : 03956-03
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

Quant Time: Aug 11 01:56:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	254108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	434998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	414402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	216611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	165401	53.704	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.400%			
35) Dibromofluoromethane	7.716	113	138025	49.619	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.240%			
50) Toluene-d8	10.179	98	506545	47.842	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.680%			
62) 4-Bromofluorobenzene	12.477	95	202392	53.935	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.860%			
Target Compounds						Qvalue
67) Ethyl Benzene	11.587	91	102688	7.441	ug/l	99
68) m/p-Xylenes	11.697	106	27789	5.264	ug/l	93
69) o-Xylene	12.026	106	15134	2.930	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	21207	1.767	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	76269	6.344	ug/l	98

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

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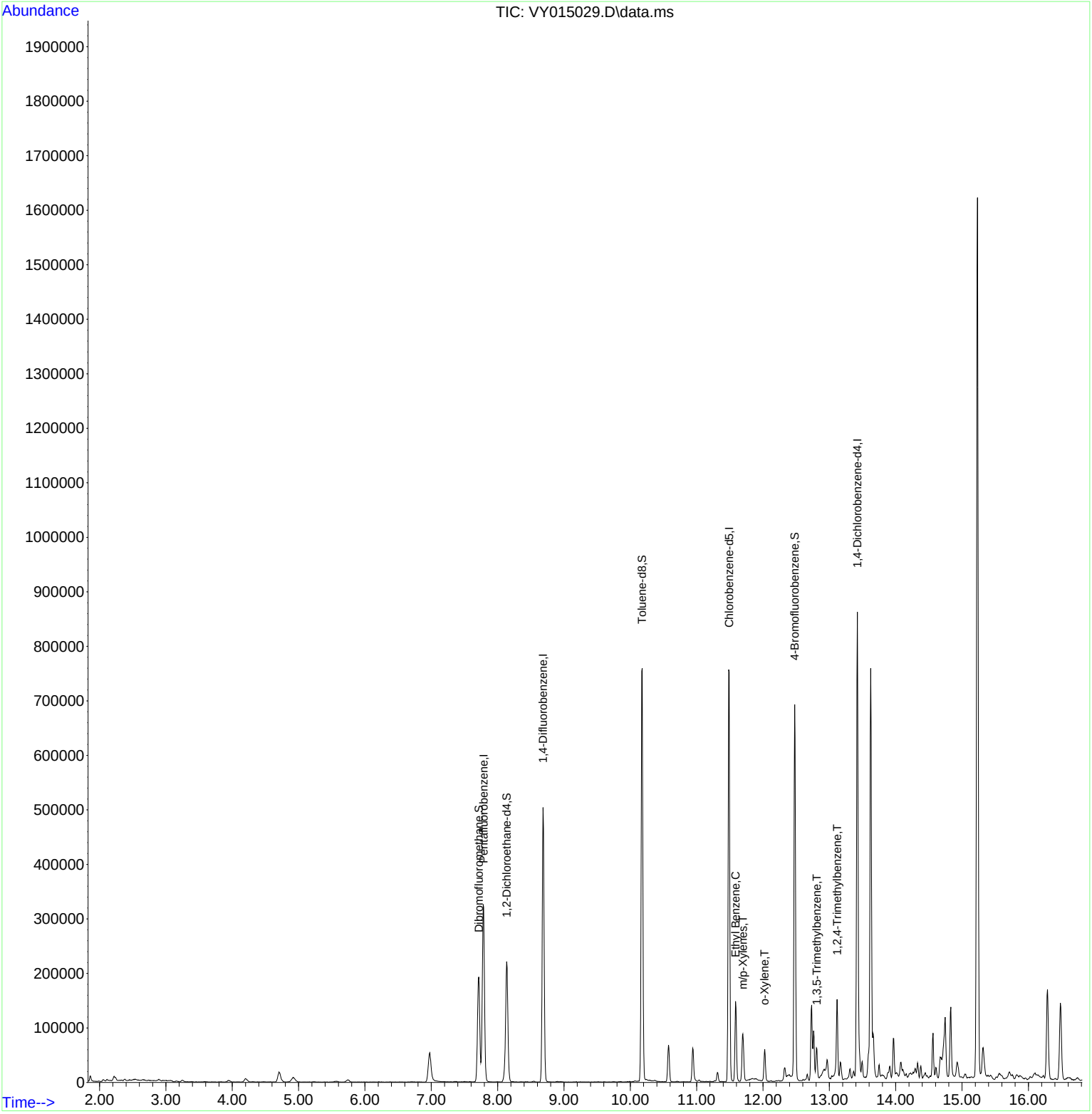
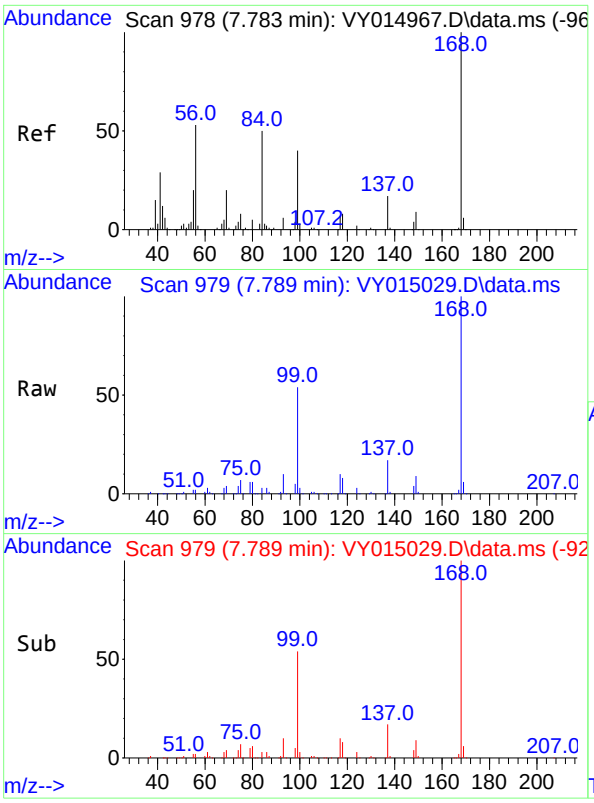


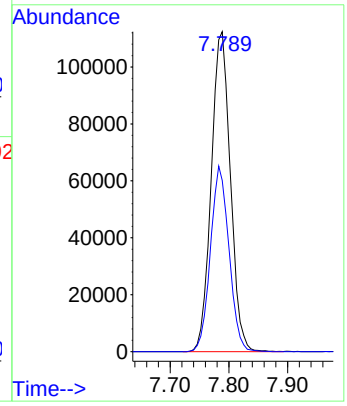


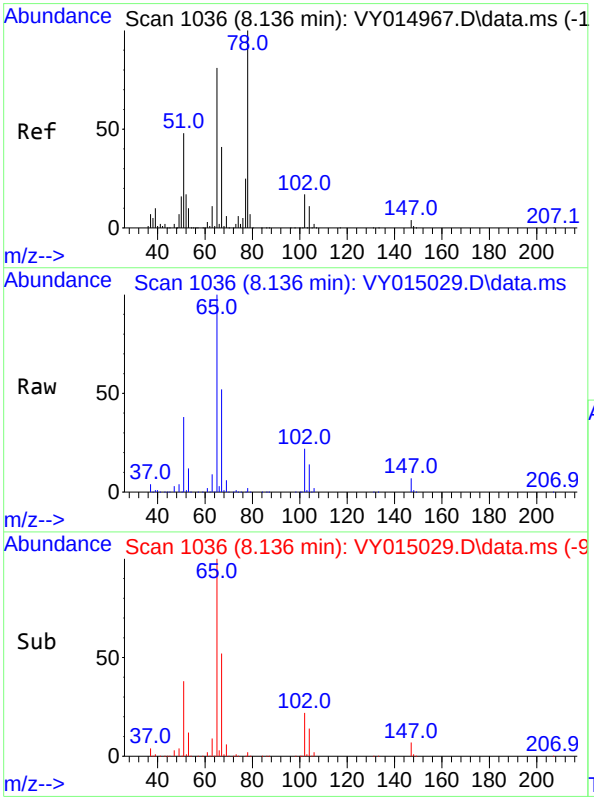
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY015029.D
Acq: 10 Aug 2023 15:52

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

Tgt Ion:168 Resp: 254108

Ion	Ratio	Lower	Upper
168	100		
99	53.5	43.4	65.0

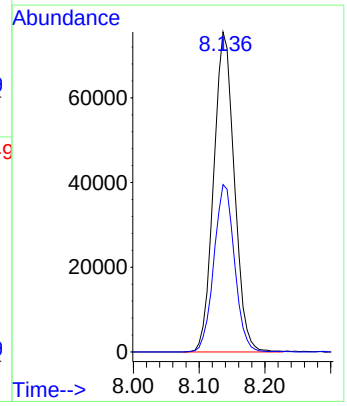


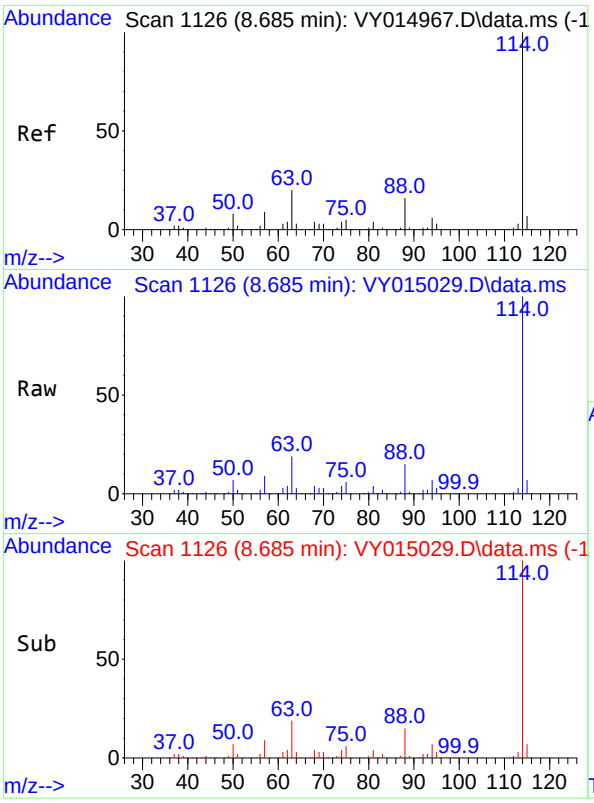


#33
1,2-Dichloroethane-d4
Concen: 53.704 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015029.D
Acq: 10 Aug 2023 15:52

Tgt Ion: 65 Resp: 165401

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	101.8



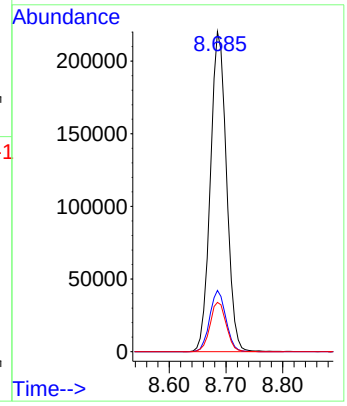


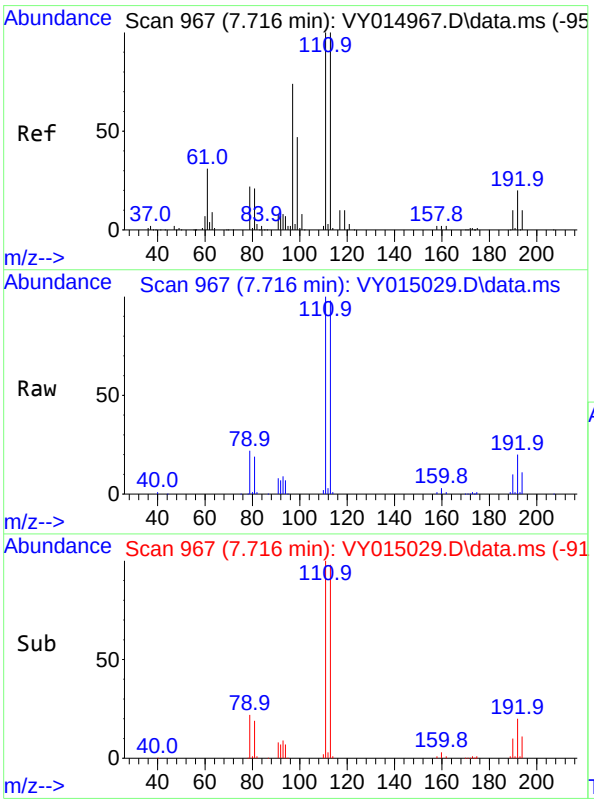
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015029.D
Acq: 10 Aug 2023 15:52

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

Tgt Ion:114 Resp: 434998

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	42.4
88	15.4	0.0	30.6

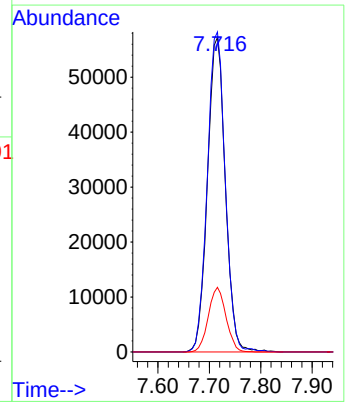


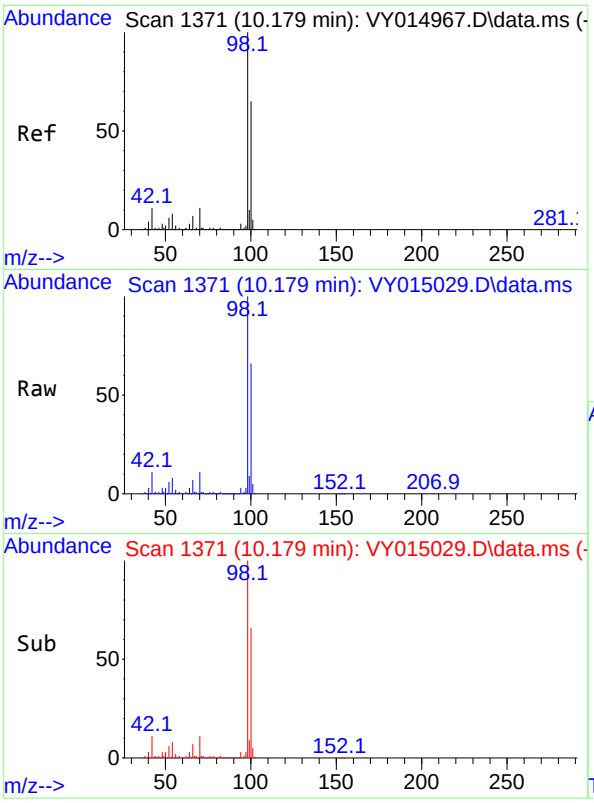


#35
Dibromofluoromethane
Concen: 49.619 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015029.D
Acq: 10 Aug 2023 15:52

Tgt Ion:113 Resp: 138025

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.3	121.9
192	20.3	16.9	25.3



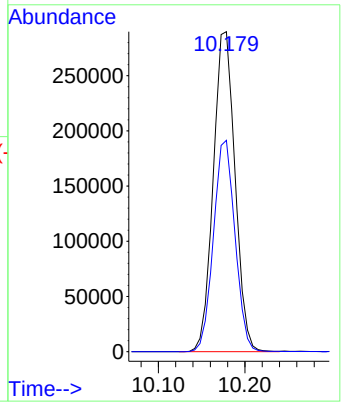


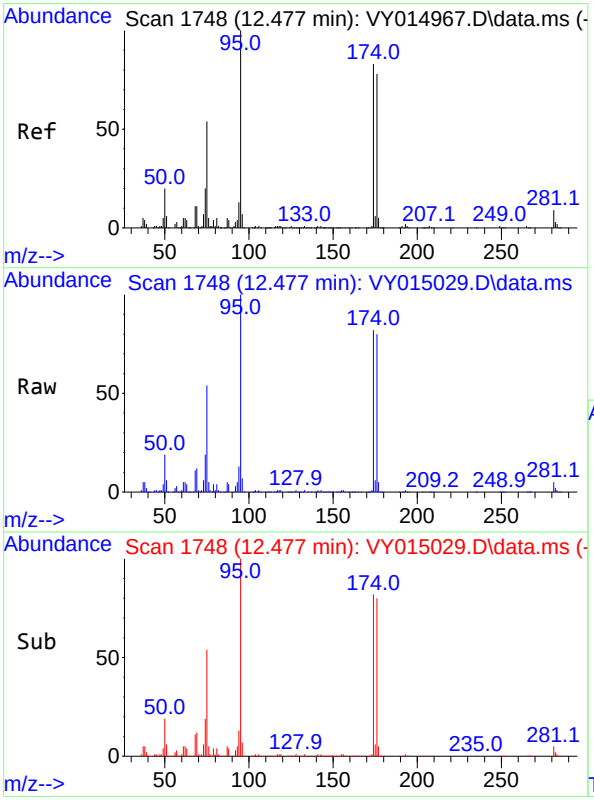
#50
Toluene-d8
Concen: 47.842 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY015029.D
Acq: 10 Aug 2023 15:52

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

Tgt Ion: 98 Resp: 506545

Ion	Ratio	Lower	Upper
98	100		
100	65.4	50.1	75.1

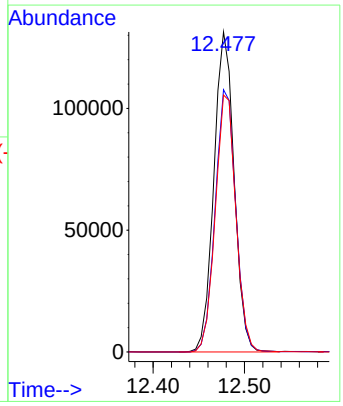


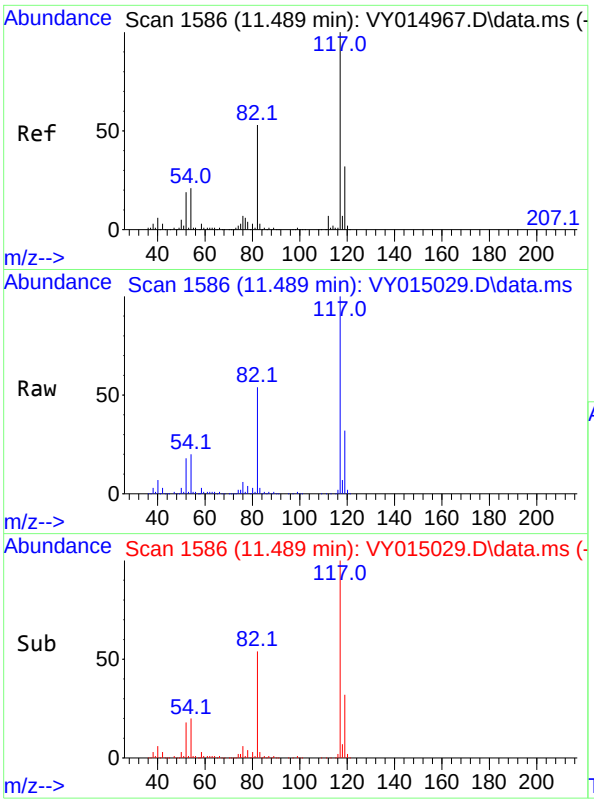


#62
4-Bromofluorobenzene
Concen: 53.935 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015029.D
Acq: 10 Aug 2023 15:52

Tgt Ion: 95 Resp: 202392

Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	178.2
176	81.7	0.0	173.8



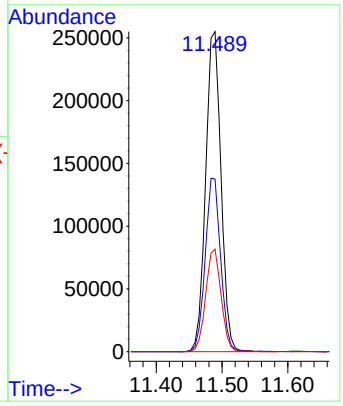


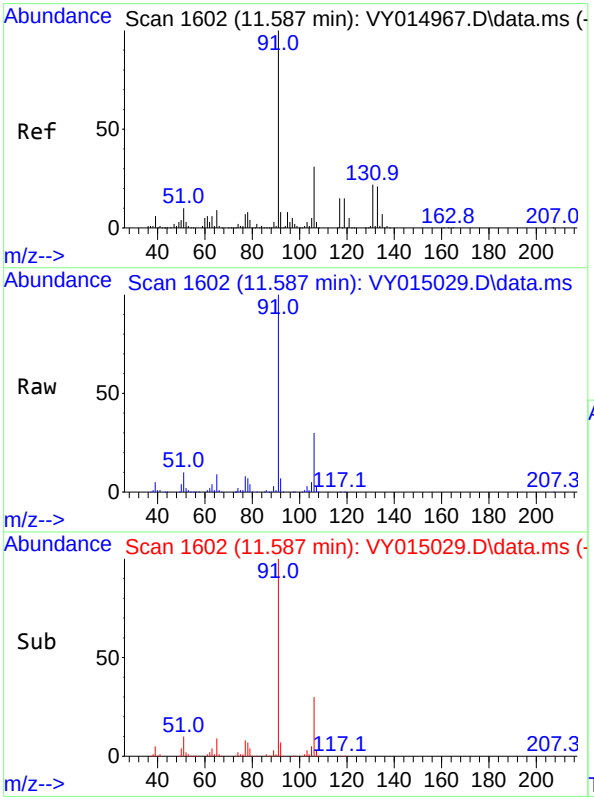
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY015029.D
Acq: 10 Aug 2023 15:52

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

Tgt Ion:117 Resp: 414402

Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.4	65.0
119	32.1	26.3	39.5

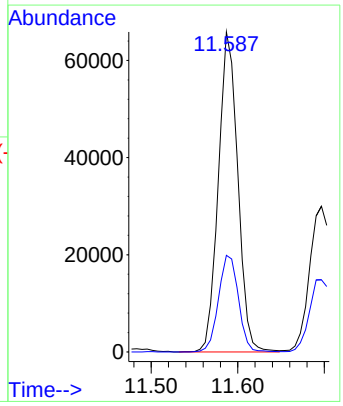


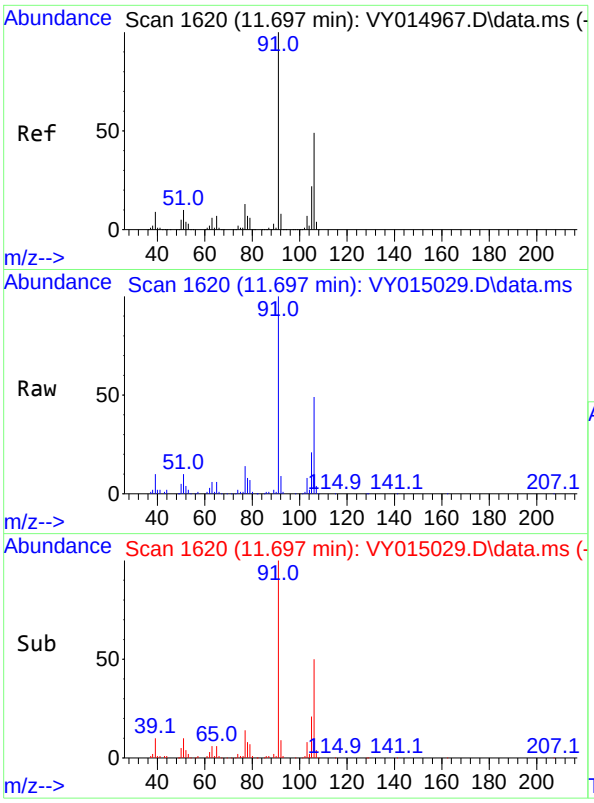


#67
Ethyl Benzene
Concen: 7.441 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY015029.D
Acq: 10 Aug 2023 15:52

Tgt Ion: 91 Resp: 102688

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.6	36.8



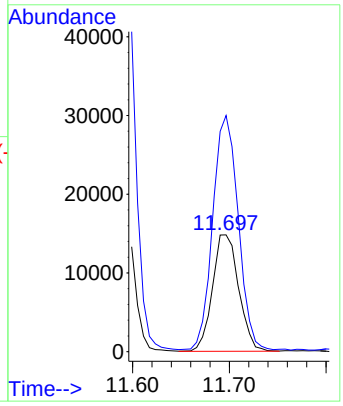


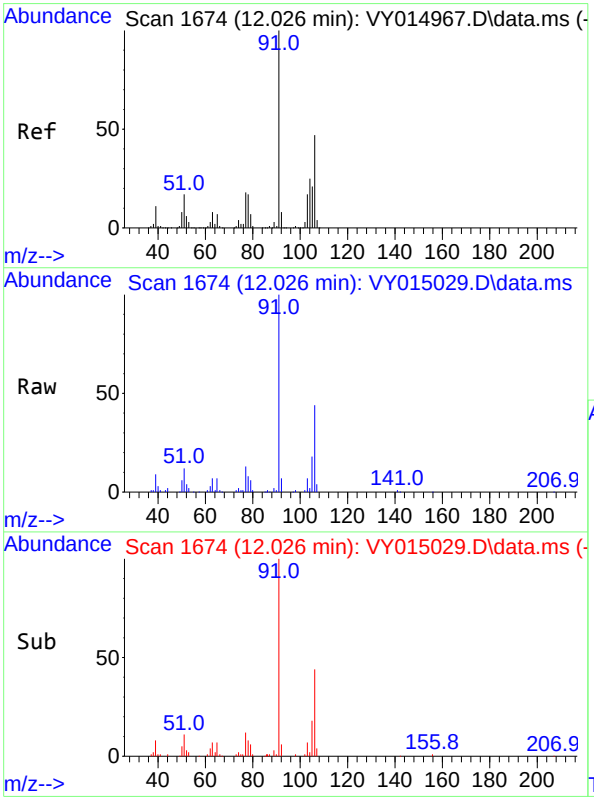
#68
m/p-Xylenes
Concen: 5.264 ug/l
RT: 11.697 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY015029.D
Acq: 10 Aug 2023 15:52

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

Tgt Ion:106 Resp: 27789

Ion	Ratio	Lower	Upper
106	100		
91	197.0	166.1	249.1

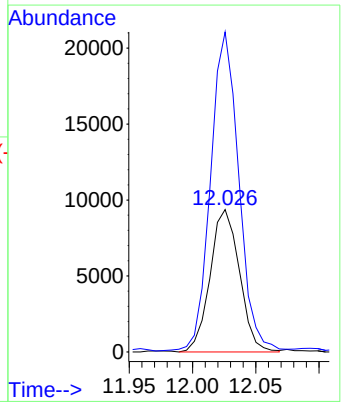


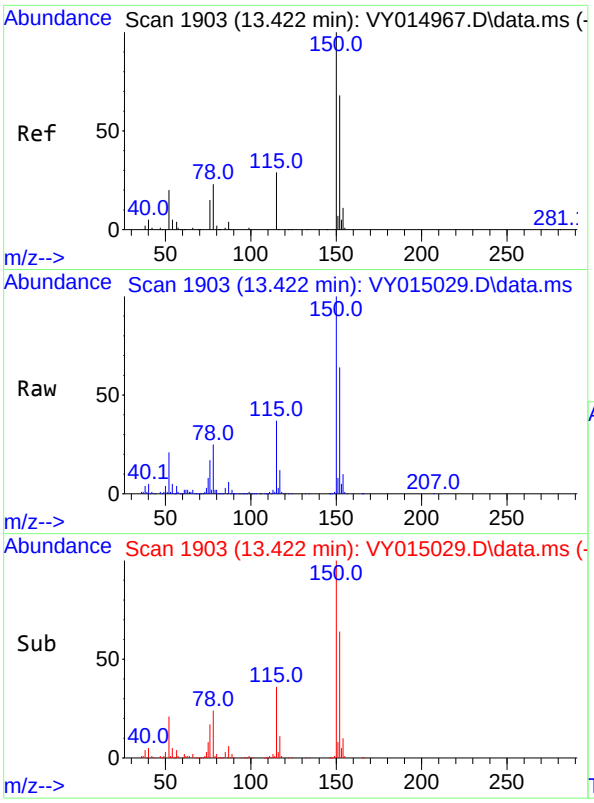


#69
o-Xylene
Concen: 2.930 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY015029.D
Acq: 10 Aug 2023 15:52

Tgt Ion:106 Resp: 15134

Ion	Ratio	Lower	Upper
106	100		
91	215.1	108.1	324.3



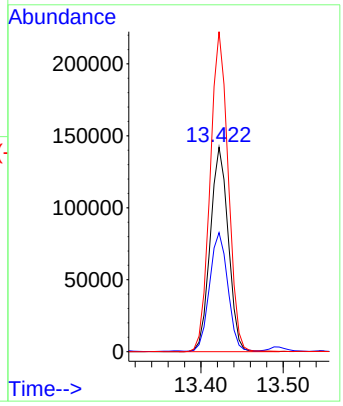


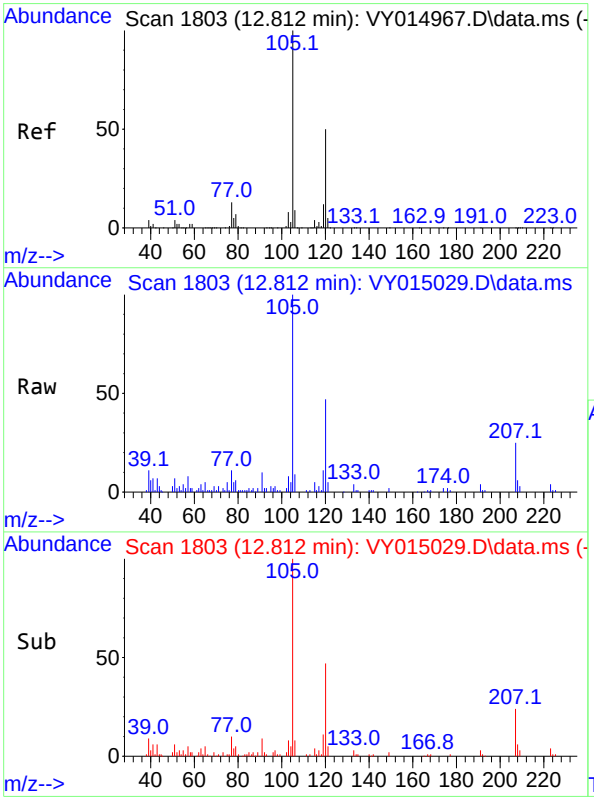
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY015029.D
Acq: 10 Aug 2023 15:52

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

Tgt Ion:152 Resp: 216611

Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.8	86.5
150	156.6	0.0	348.8

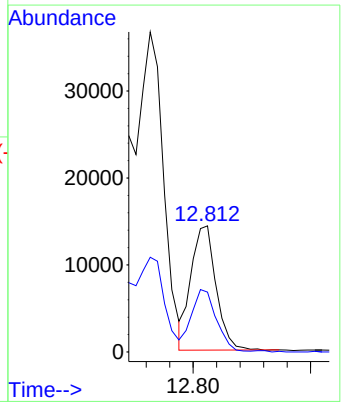


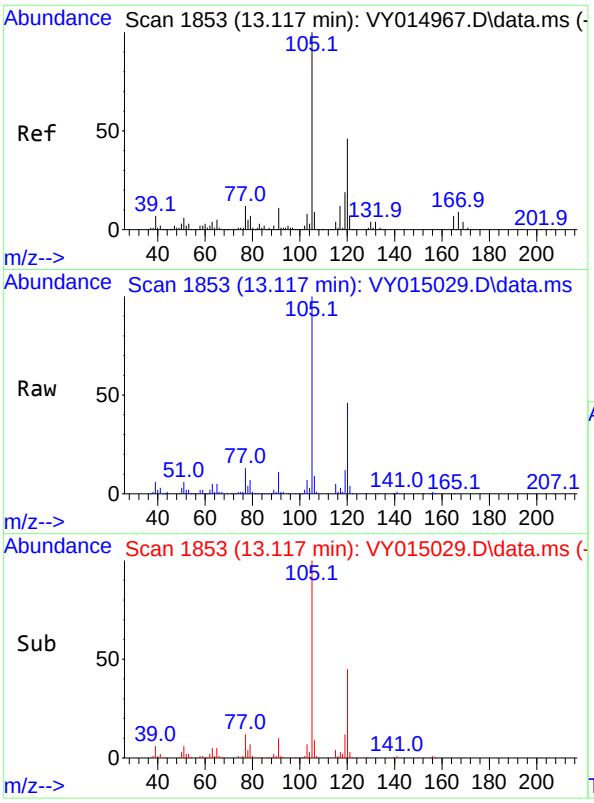


#80
1,3,5-Trimethylbenzene
Concen: 1.767 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015029.D
Acq: 10 Aug 2023 15:52

Tgt Ion:105 Resp: 21207

Ion	Ratio	Lower	Upper
105	100		
120	49.0	23.9	71.7





#84
1,2,4-Trimethylbenzene
Concen: 6.344 ug/l
RT: 13.117 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY015029.D
Acq: 10 Aug 2023 15:52

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

Tgt Ion:105 Resp: 76269

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.2	66.6