Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
Data File : VY020243.D
Acq On : 11 Nov 2024 13:15
Operator : SY/MD
Sample : P4768-01
Misc : 2.65g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-3-1

Quant Time: Nov 11 23:14:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	194671	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	402875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	382441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	133835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	136782	56.298	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.600%			
35) Dibromofluoromethane	7.634	113	131525	51.348	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.700%			
50) Toluene-d8	10.103	98	509159	49.938	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.880%			
62) 4-Bromofluorobenzene	12.408	95	160547	48.478	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 96.960%			
Target Compounds						Qvalue
67) Ethyl Benzene	11.518	91	135368	8.887	ug/l	96
68) m/p-Xylenes	11.621	106	203893	36.584	ug/l	89
69) o-Xylene	11.950	106	59241	11.227	ug/l	90

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

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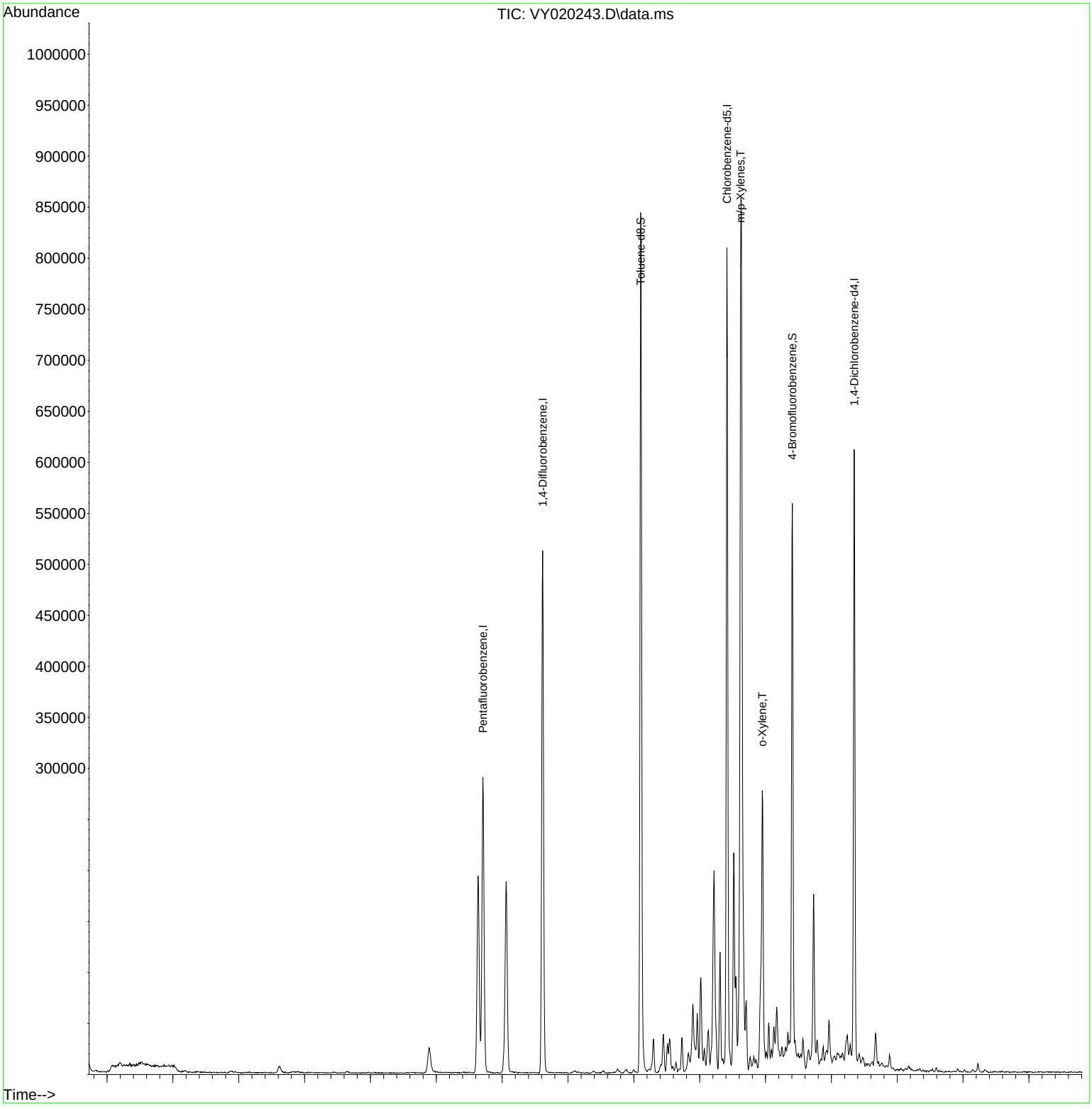
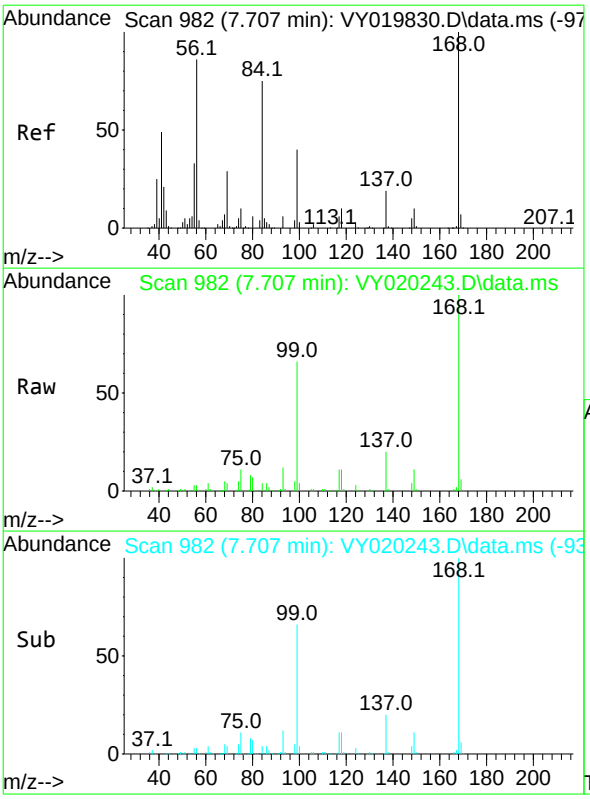


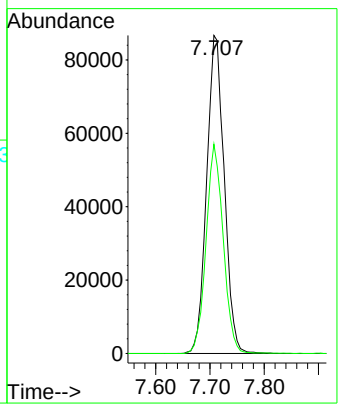


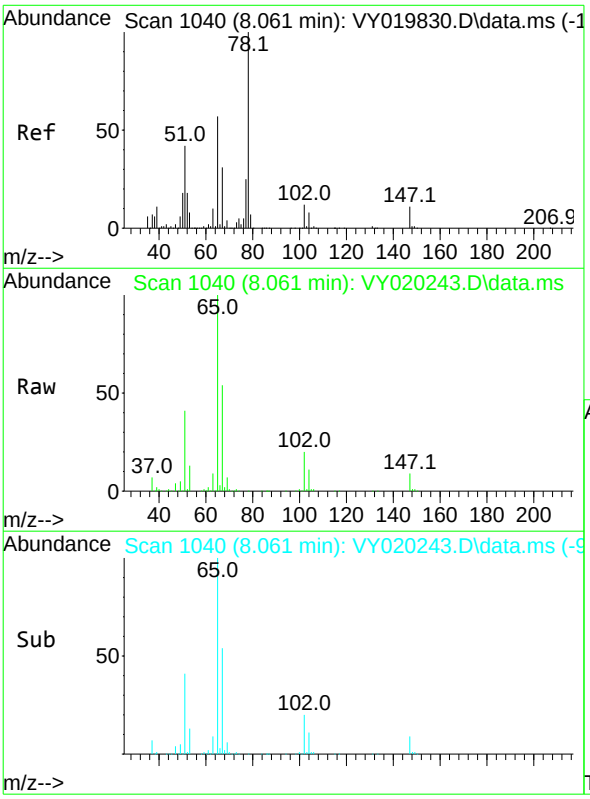
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Instrument :
MSVOA_Y
ClientSampleId :
B-3-1

Tgt Ion:168 Resp: 194671

Ion	Ratio	Lower	Upper
168	100		
99	65.8	39.1	58.7#

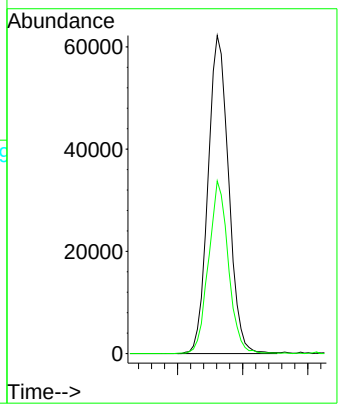


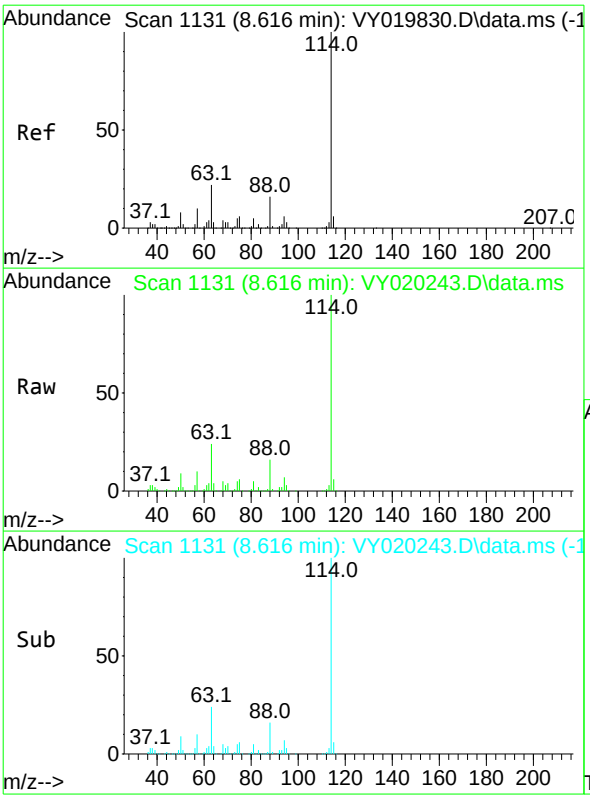


#33
1,2-Dichloroethane-d4
Concen: 56.298 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Tgt Ion: 65 Resp: 136782

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	109.6



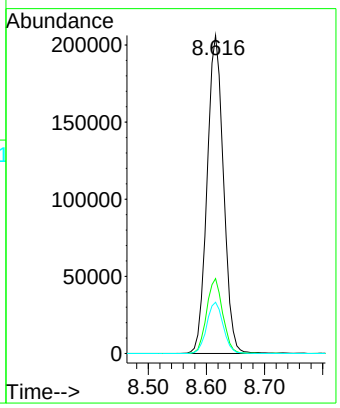


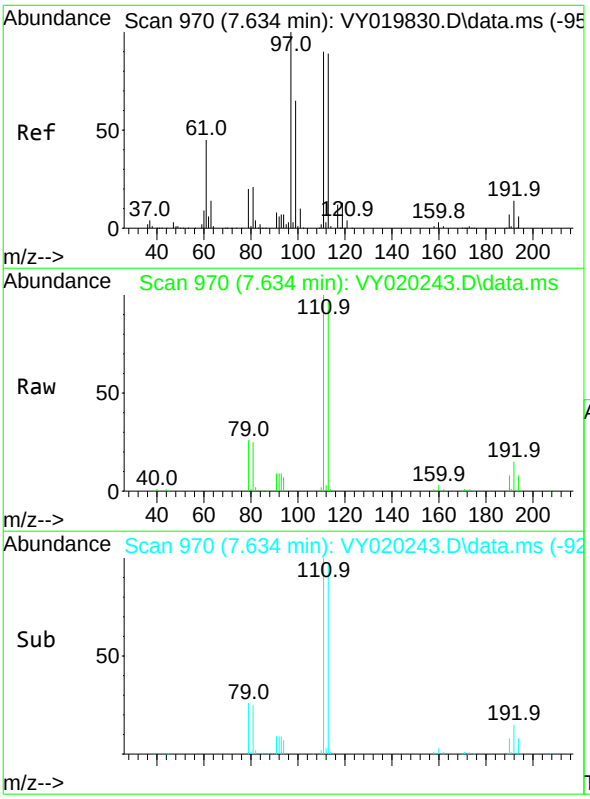
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Instrument :
MSVOA_Y
ClientSampleId :
B-3-1

Tgt Ion:114 Resp: 402875

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	35.0
88	16.1	0.0	27.2

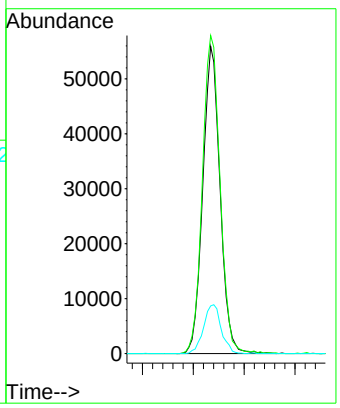


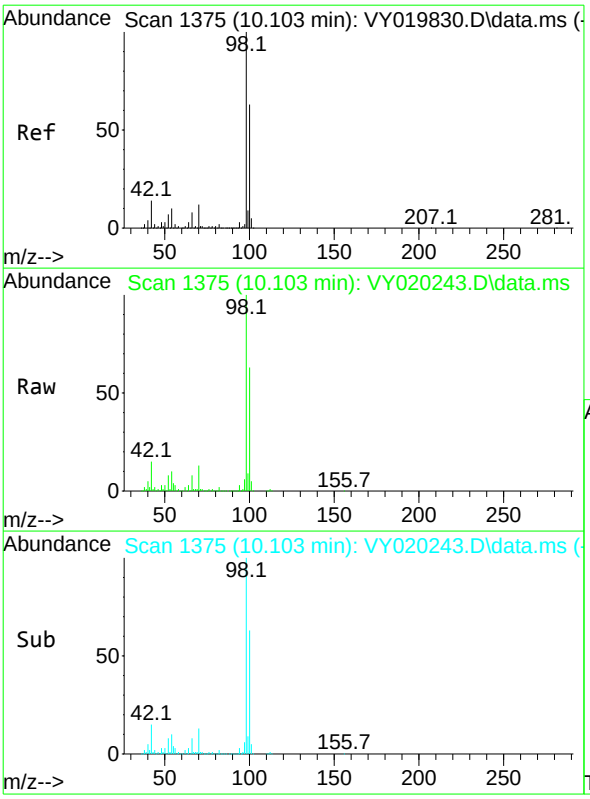


#35
Dibromofluoromethane
Concen: 51.348 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Tgt Ion:113 Resp: 131525

Ion	Ratio	Lower	Upper
113	100		
111	106.0	82.2	123.4
192	16.3	15.9	23.9



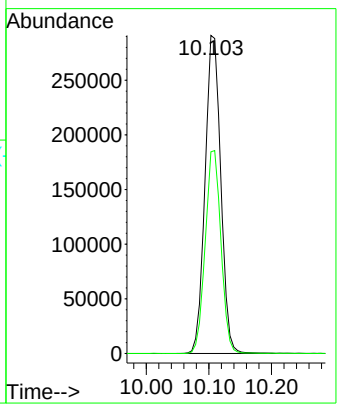


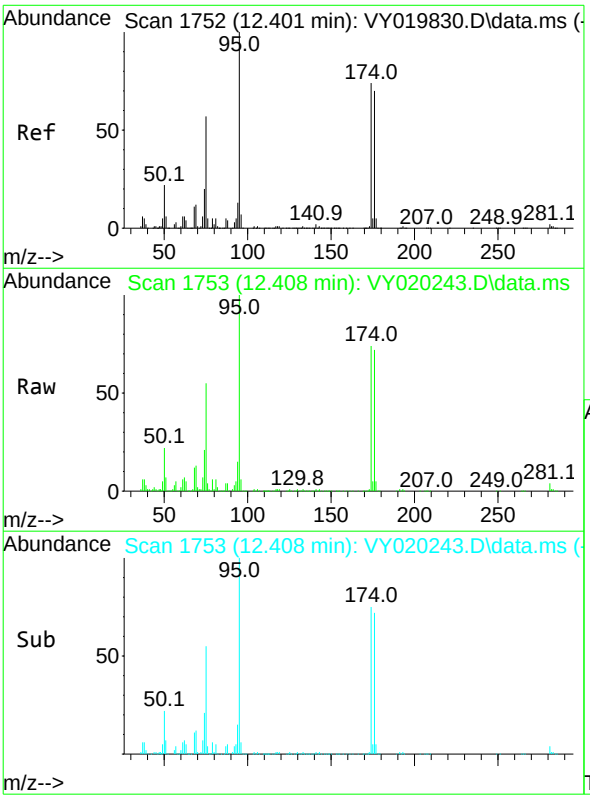
#50
Toluene-d8
Concen: 49.938 ug/l
RT: 10.103 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Instrument :
MSVOA_Y
ClientSampleId :
B-3-1

Tgt Ion: 98 Resp: 509159

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.0	78.0

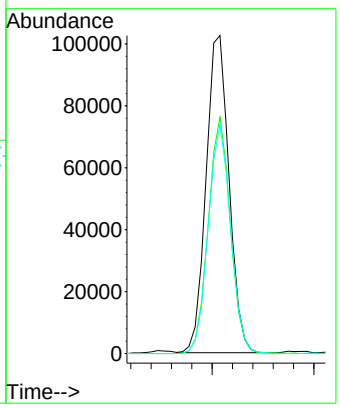


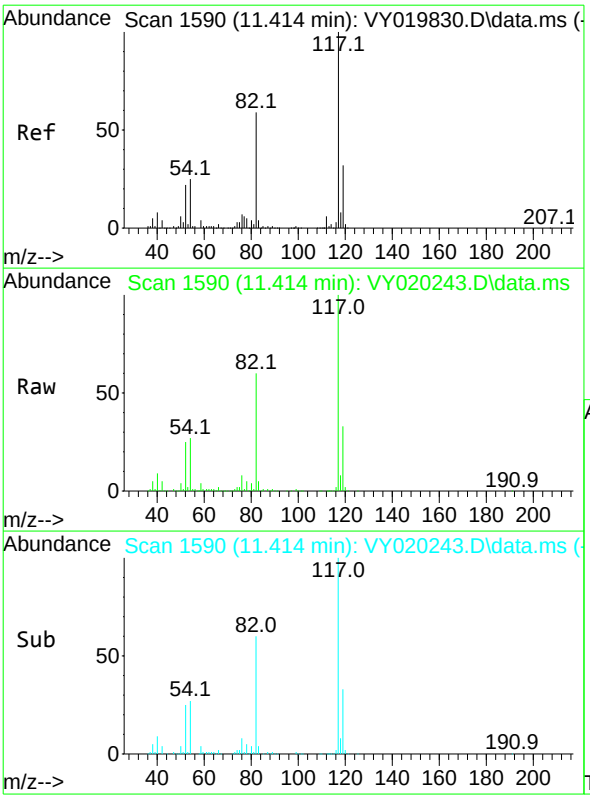


#62
4-Bromofluorobenzene
Concen: 48.478 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Tgt Ion: 95 Resp: 160547

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	175.6
176	70.4	0.0	171.4



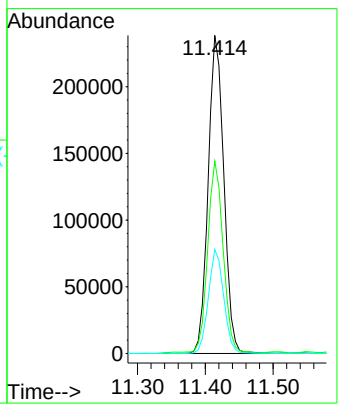


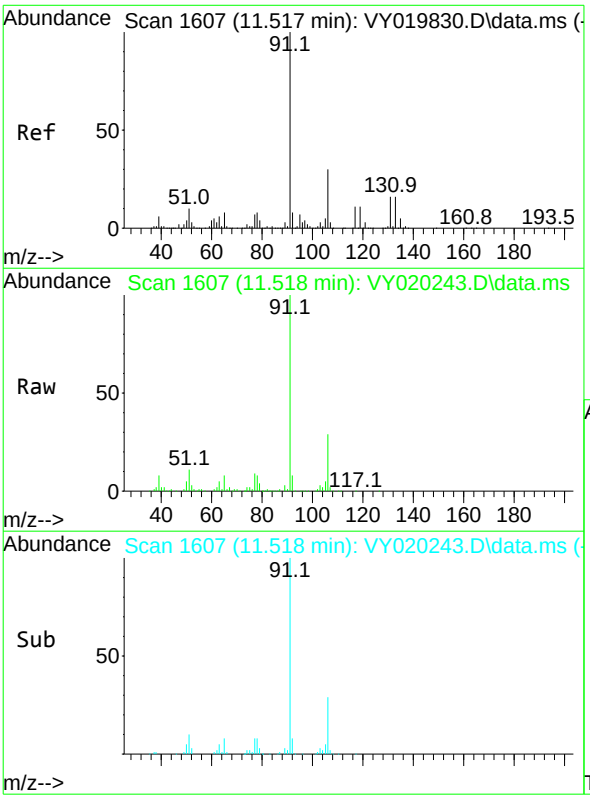
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Instrument :
MSVOA_Y
ClientSampleId :
B-3-1

Tgt Ion:117 Resp: 382441

Ion	Ratio	Lower	Upper
117	100		
82	60.1	42.4	63.6
119	32.7	25.9	38.9

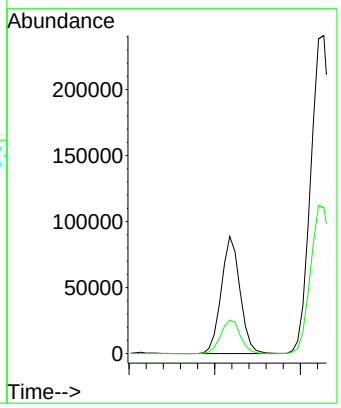


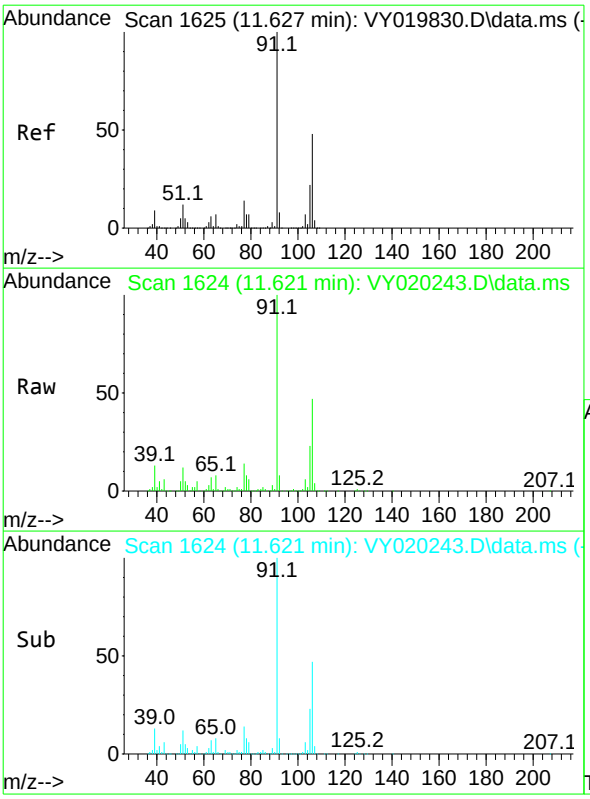


#67
Ethyl Benzene
Concen: 8.887 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Tgt Ion: 91 Resp: 135368

Ion	Ratio	Lower	Upper
91	100		
106	28.7	24.5	36.7



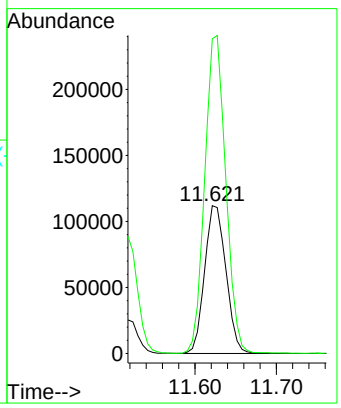


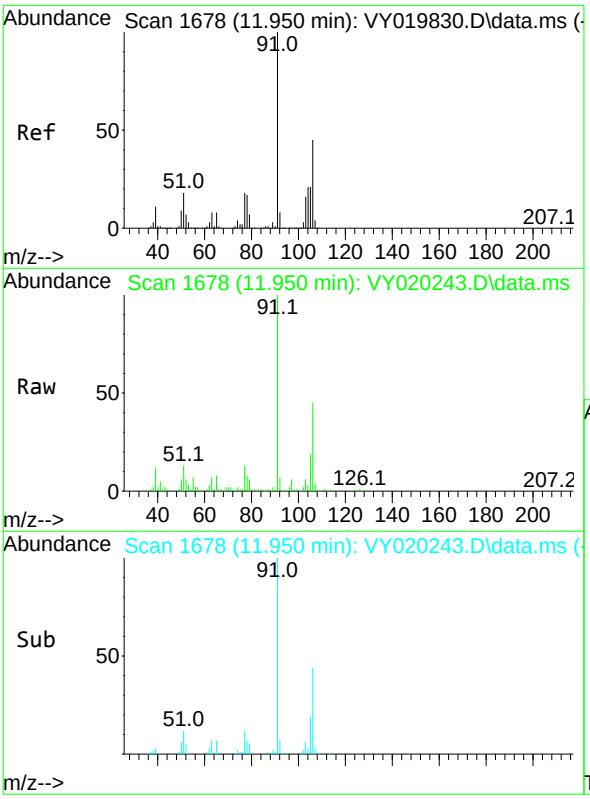
#68
m/p-Xylenes
Concen: 36.584 ug/l
RT: 11.621 min Scan# 16
Delta R.T. -0.012 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Instrument :
MSVOA_Y
ClientSampleId :
B-3-1

Tgt Ion:106 Resp: 203893

Ion	Ratio	Lower	Upper
106	100		
91	212.0	156.0	234.0

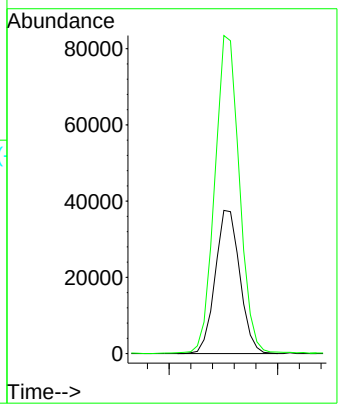


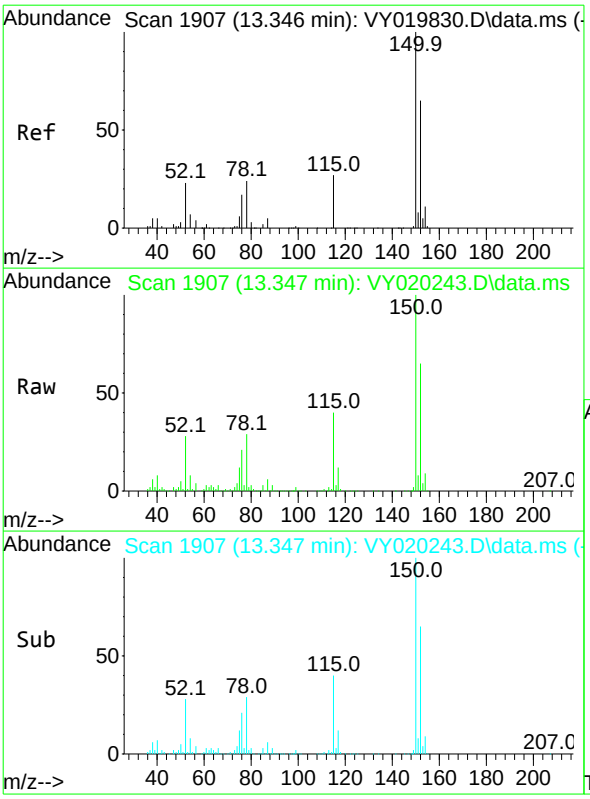


#69
o-Xylene
Concen: 11.227 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Tgt Ion:106 Resp: 59241

Ion	Ratio	Lower	Upper
106	100		
91	223.3	103.6	310.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 19
Delta R.T. 0.000 min
Lab File: VY020243.D
Acq: 11 Nov 2024 13:15

Instrument :
MSVOA_Y
ClientSampleId :
B-3-1

Tgt Ion:152 Resp: 133835

Ion	Ratio	Lower	Upper
152	100		
115	60.7	28.2	84.7
150	156.6	0.0	345.6