Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
Data File : VY020245.D
Acq On : 11 Nov 2024 14:02
Operator : SY/MD
Sample : P4768-03
Misc : 5.59g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-3-3

Quant Time: Nov 11 23:15:31 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

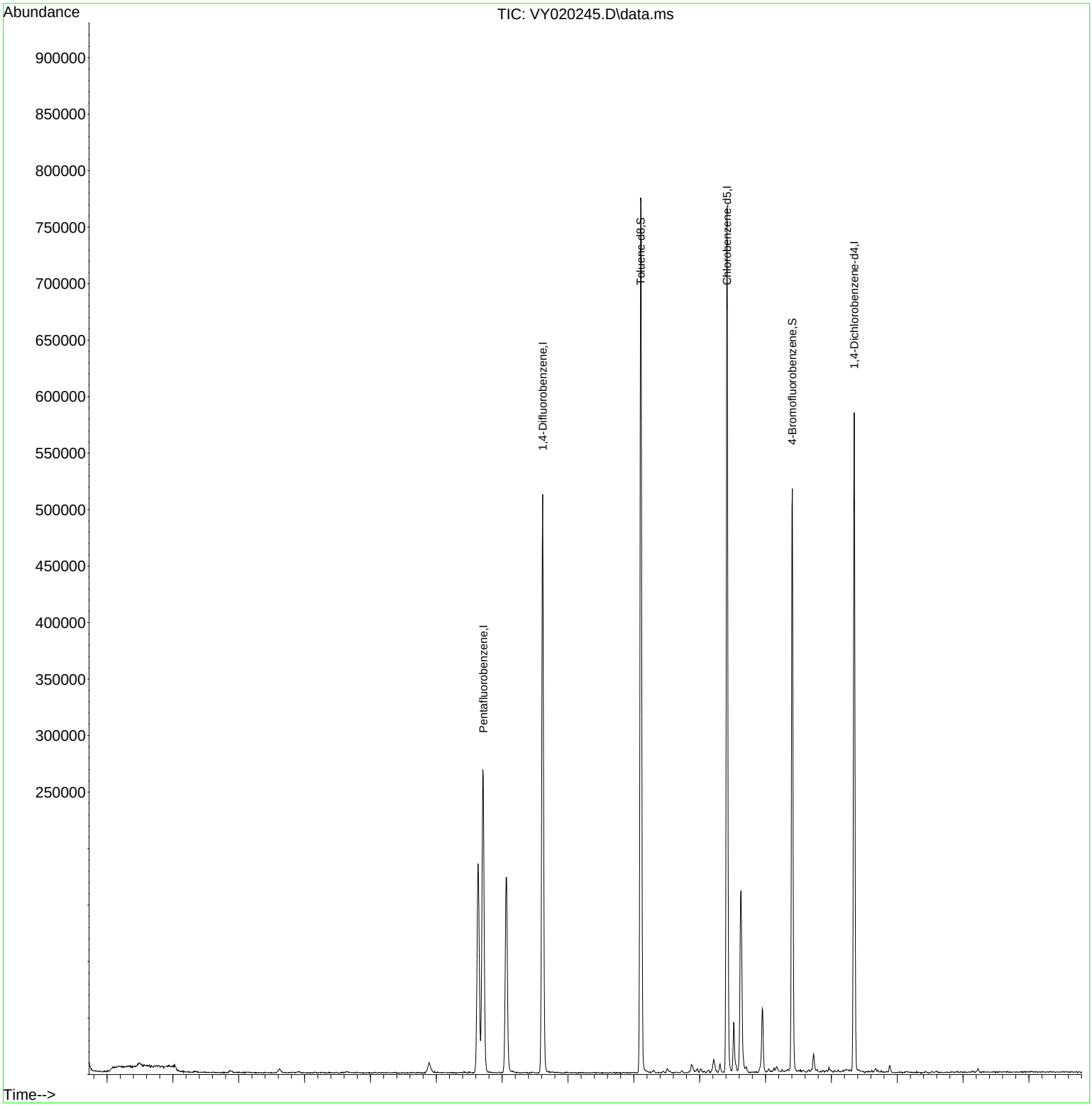
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	182592	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	390717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	364887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	129893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137074	60.150	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.300%			
35) Dibromofluoromethane	7.634	113	131426	52.906	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.820%			
50) Toluene-d8	10.103	98	491574	49.713	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.420%			
62) 4-Bromofluorobenzene	12.408	95	155673	48.469	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 96.940%			
Target Compounds						Qvalue
67) Ethyl Benzene	11.518	91	26823	1.846	ug/l	93
68) m/p-Xylenes	11.621	106	44242	8.320	ug/l	92
69) o-Xylene	11.957	106	13266	2.635	ug/l	84

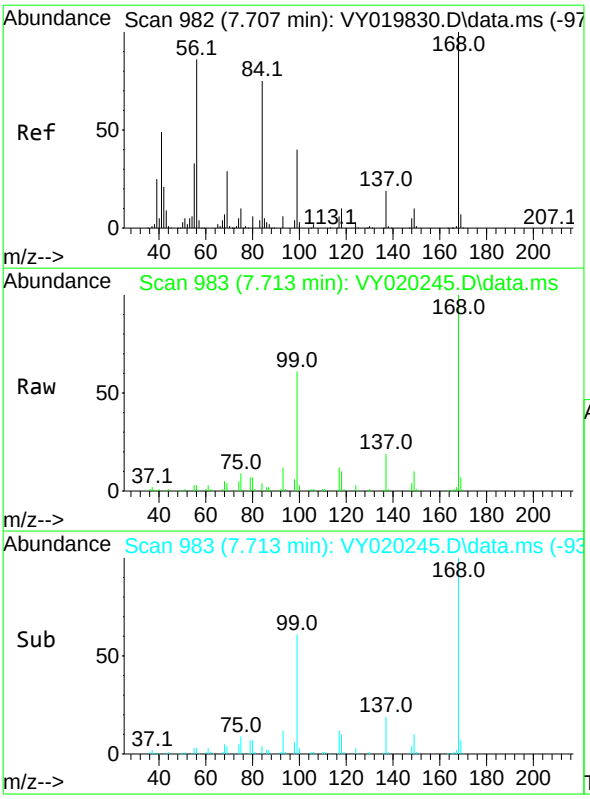
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
Data File : VY020245.D
Acq On : 11 Nov 2024 14:02
Operator : SY/MD
Sample : P4768-03
Misc : 5.59g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-3-3

Quant Time: Nov 11 23:15:31 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



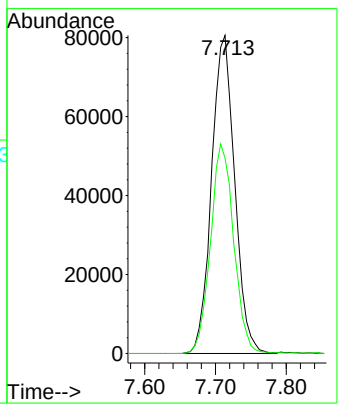


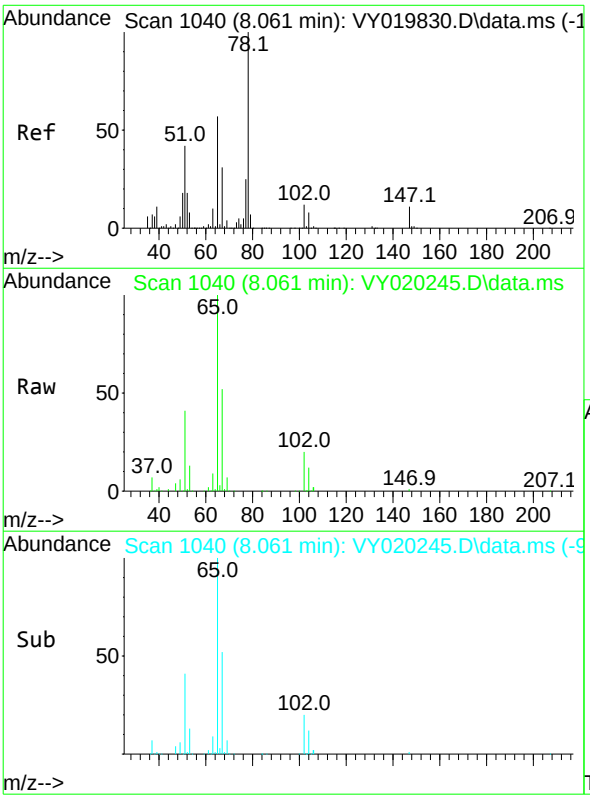
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :
B-3-3

Tgt Ion:168 Resp: 182592

Ion	Ratio	Lower	Upper
168	100		
99	61.4	39.1	58.7#

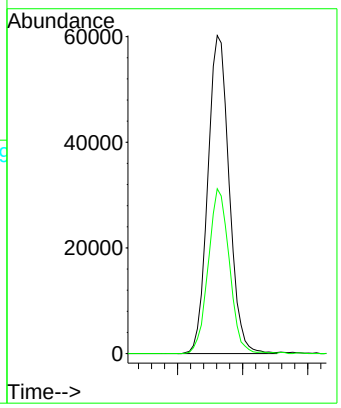


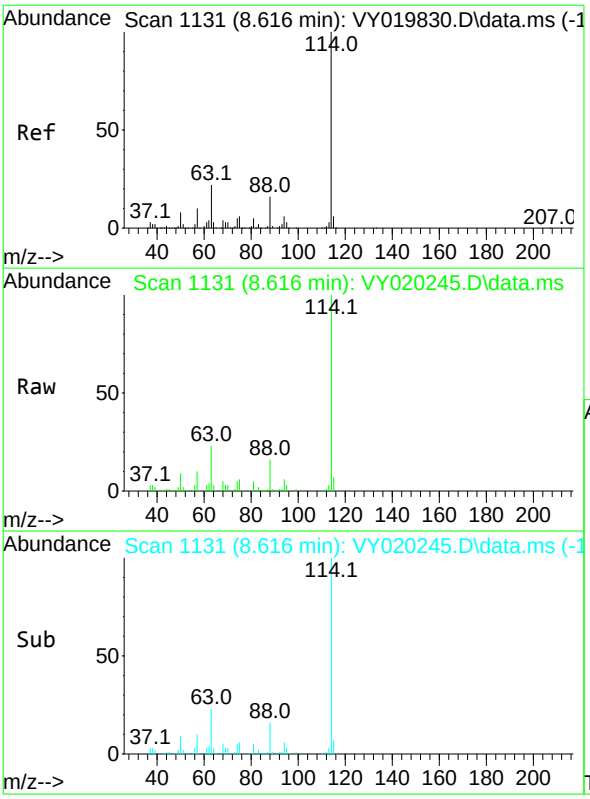


#33
1,2-Dichloroethane-d4
Concen: 60.150 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

Tgt Ion: 65 Resp: 137074

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	109.6



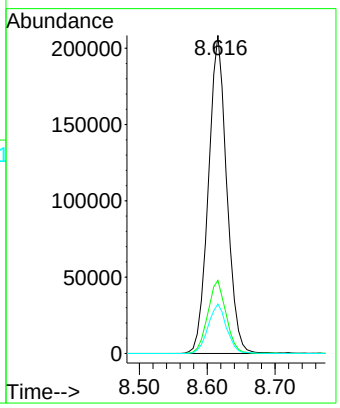


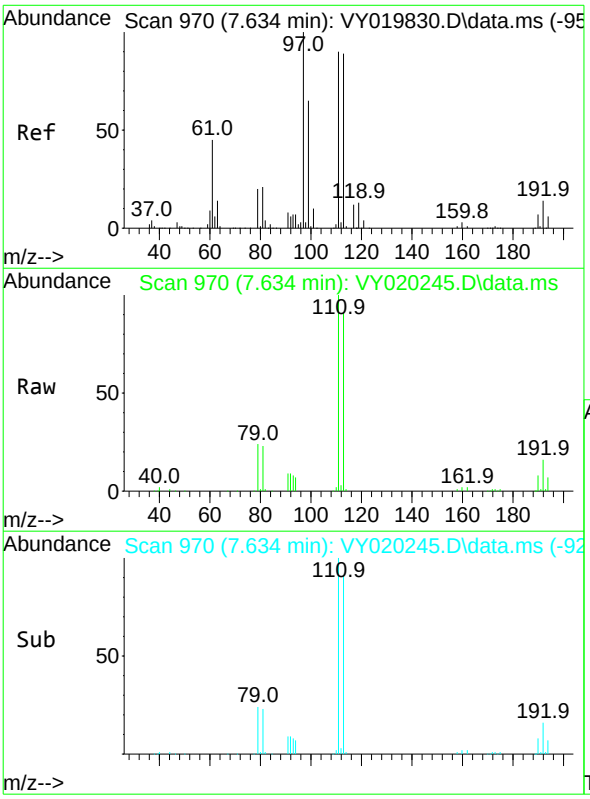
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :
B-3-3

Tgt Ion:114 Resp: 390717

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	35.0
88	15.6	0.0	27.2

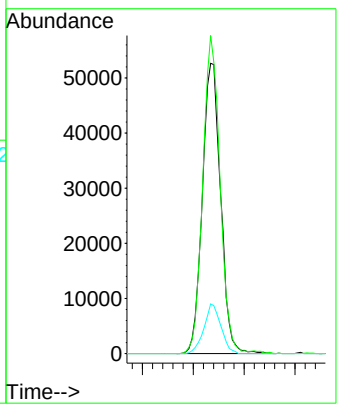


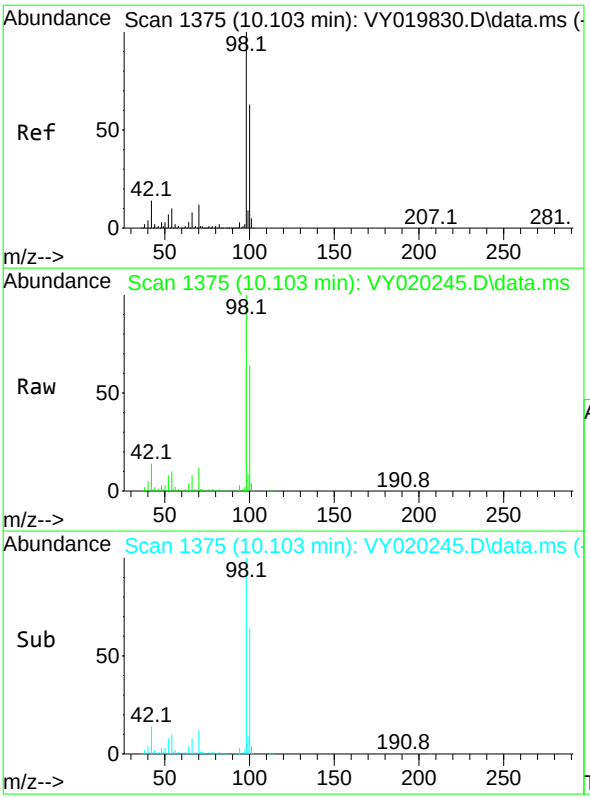


#35
Dibromofluoromethane
Concen: 52.906 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

Tgt Ion:113 Resp: 131426

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	15.9	15.9	23.9#



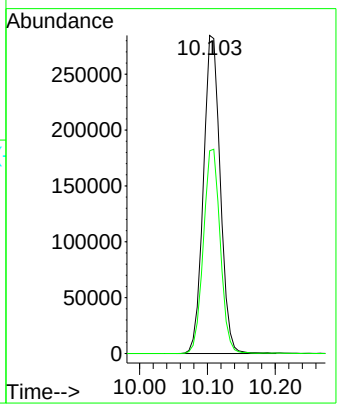


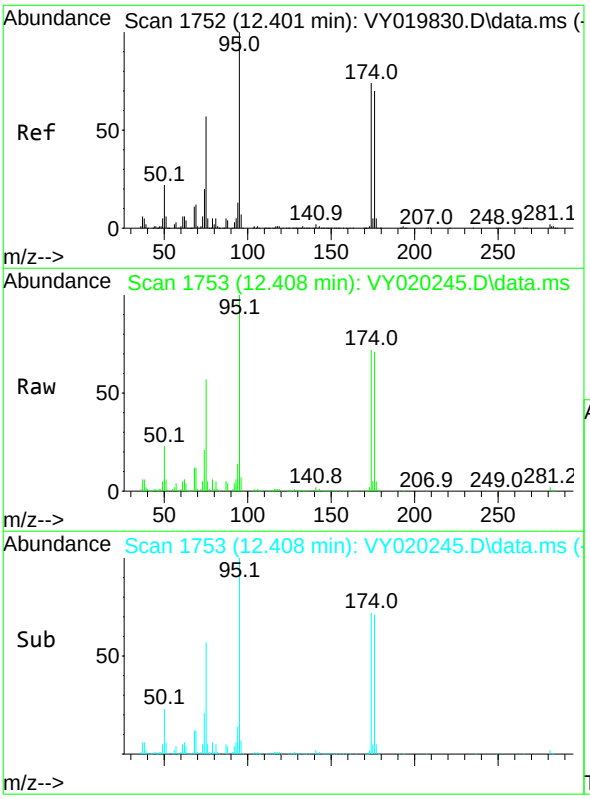
#50
Toluene-d8
Concen: 49.713 ug/l
RT: 10.103 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :
B-3-3

Tgt Ion: 98 Resp: 491574

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.0	78.0

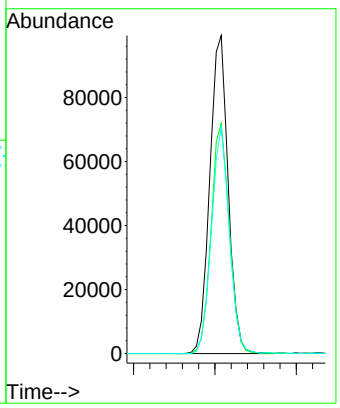


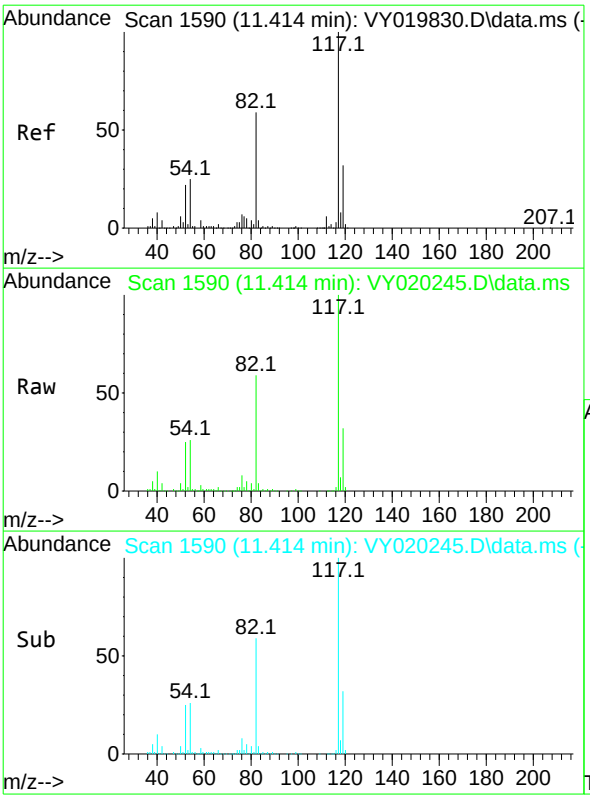


#62
4-Bromofluorobenzene
Concen: 48.469 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

Tgt Ion: 95 Resp: 155673

Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	175.6
176	69.3	0.0	171.4



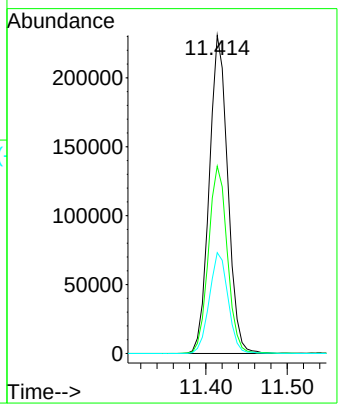


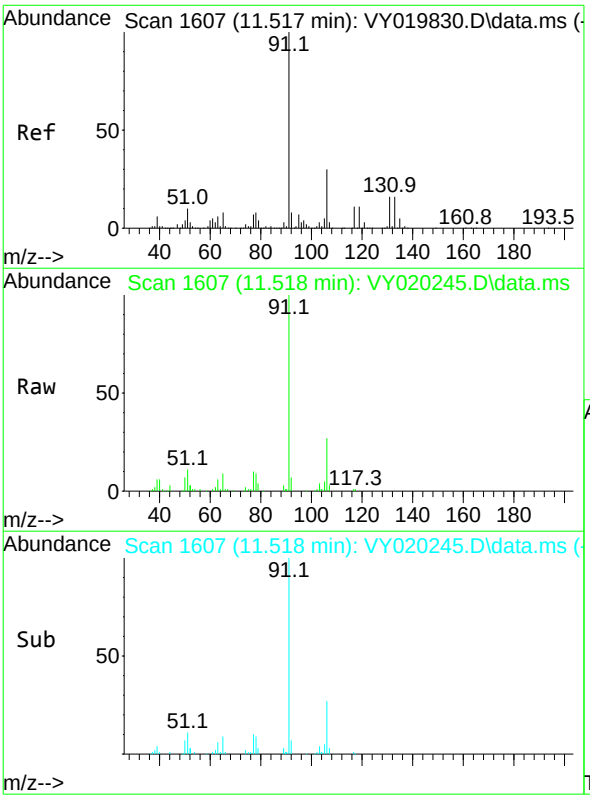
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :
B-3-3

Tgt Ion:117 Resp: 364887

Ion	Ratio	Lower	Upper
117	100		
82	58.9	42.4	63.6
119	31.7	25.9	38.9

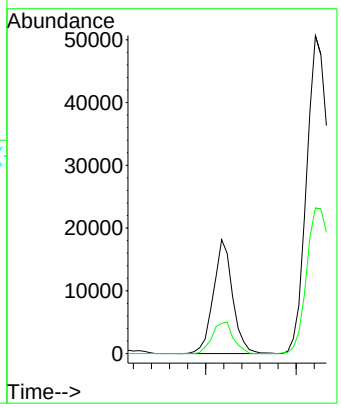


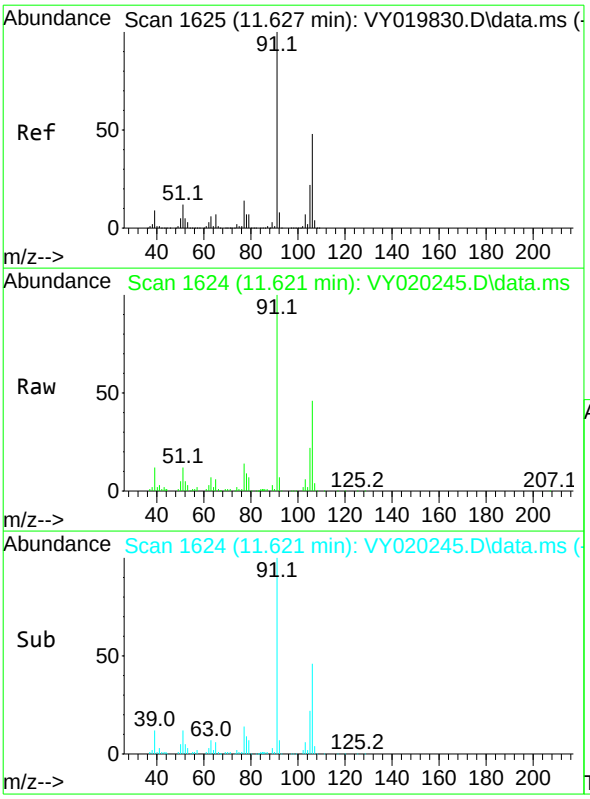


#67
Ethyl Benzene
Concen: 1.846 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

Tgt Ion: 91 Resp: 26823

Ion	Ratio	Lower	Upper
91	100		
106	26.5	24.5	36.7



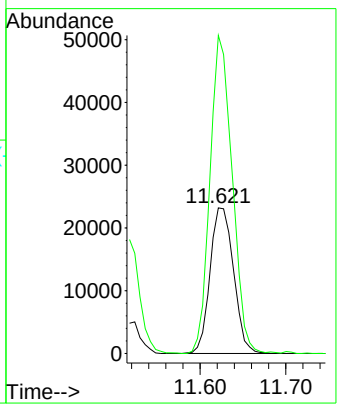


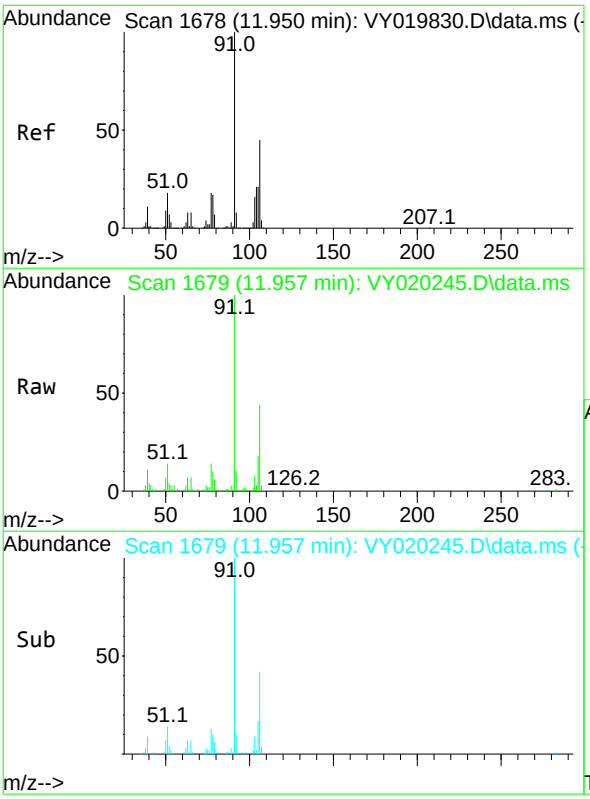
#68
m/p-Xylenes
Concen: 8.320 ug/l
RT: 11.621 min Scan# 16
Delta R.T. -0.012 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :
B-3-3

Tgt Ion:106 Resp: 44242

Ion	Ratio	Lower	Upper
106	100		
91	206.7	156.0	234.0

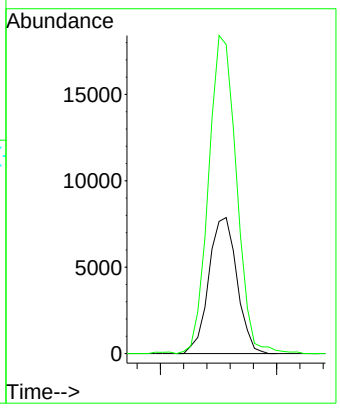


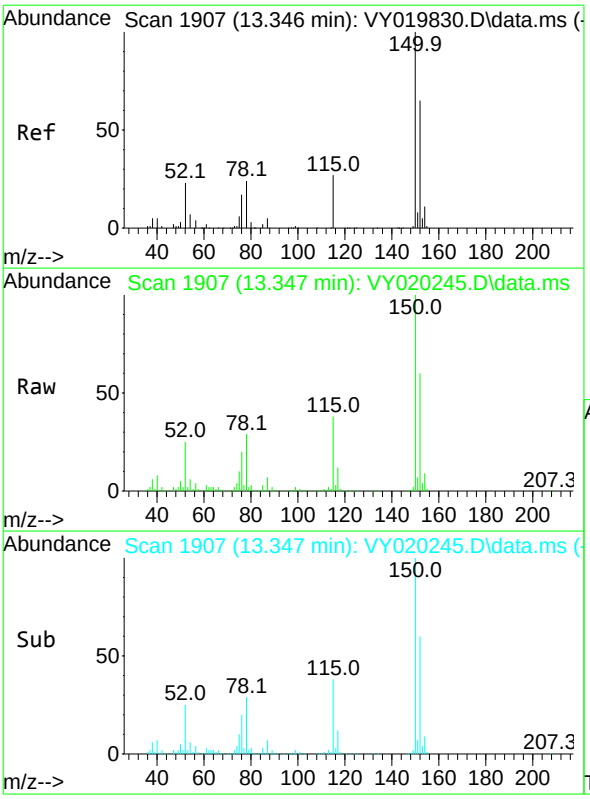


#69
o-Xylene
Concen: 2.635 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

Tgt Ion:106 Resp: 13266

Ion	Ratio	Lower	Upper
106	100		
91	231.8	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: VY020245.D
Acq: 11 Nov 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :
B-3-3

Tgt Ion:152 Resp: 129893

Ion	Ratio	Lower	Upper
152	100		
115	64.4	28.2	84.7
150	160.6	0.0	345.6