Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
Data File : VY020244.D
Acq On : 11 Nov 2024 13:38
Operator : SY/MD
Sample : P4768-02
Misc : 4.74g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-3-2

Quant Time: Nov 11 23:15:06 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	172854	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	359947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	335044	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	117809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	121963	56.534	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.060%			
35) Dibromofluoromethane	7.634	113	119898	52.391	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.780%			
50) Toluene-d8	10.109	98	453772	49.813	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.620%			
62) 4-Bromofluorobenzene	12.408	95	141852	47.942	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 95.880%			
Target Compounds						Qvalue
67) Ethyl Benzene	11.517	91	110508	8.281	ug/l	100
68) m/p-Xylenes	11.627	106	182574	37.394	ug/l	94
69) o-Xylene	11.956	106	49716	10.755	ug/l	89

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

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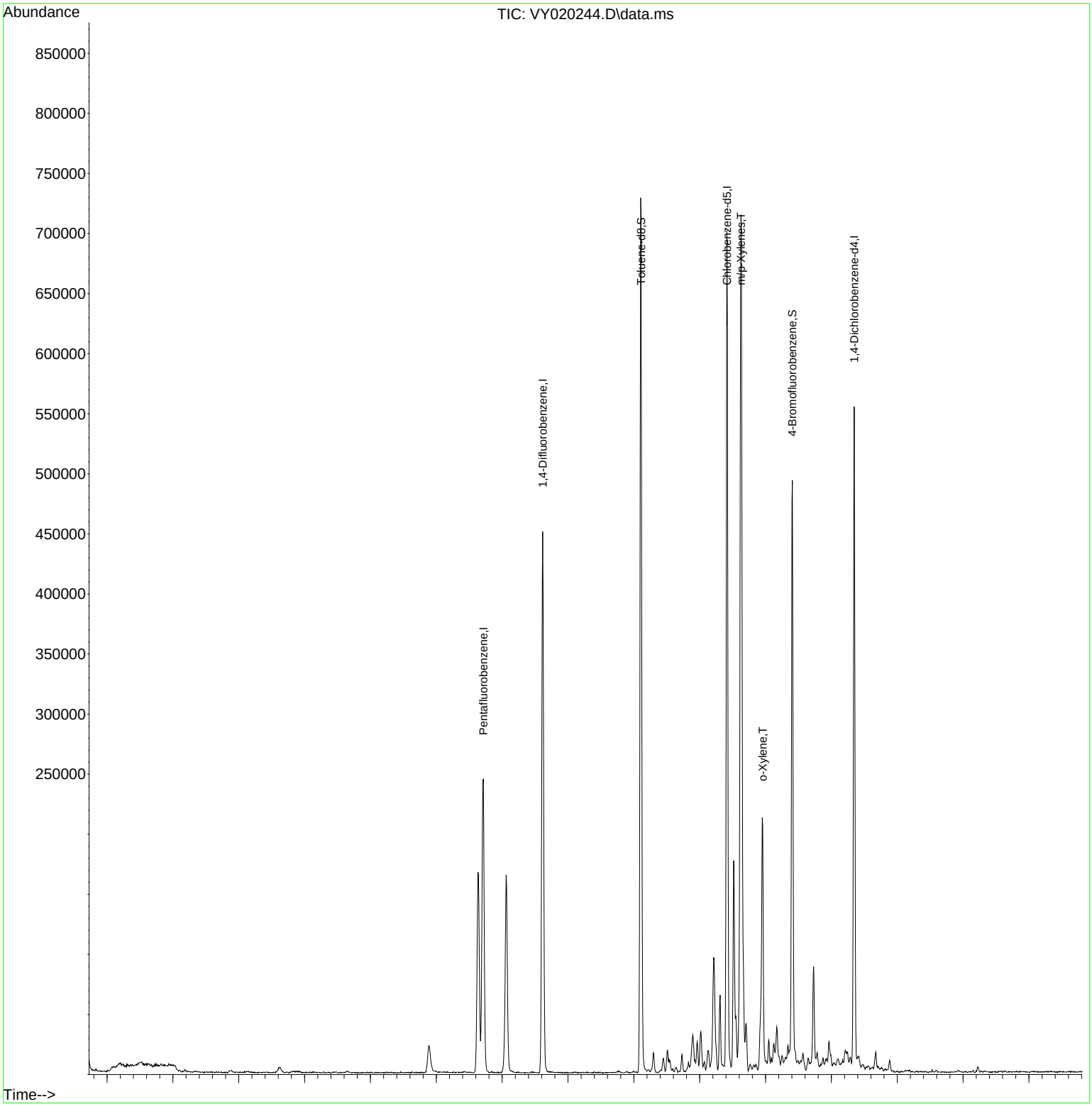
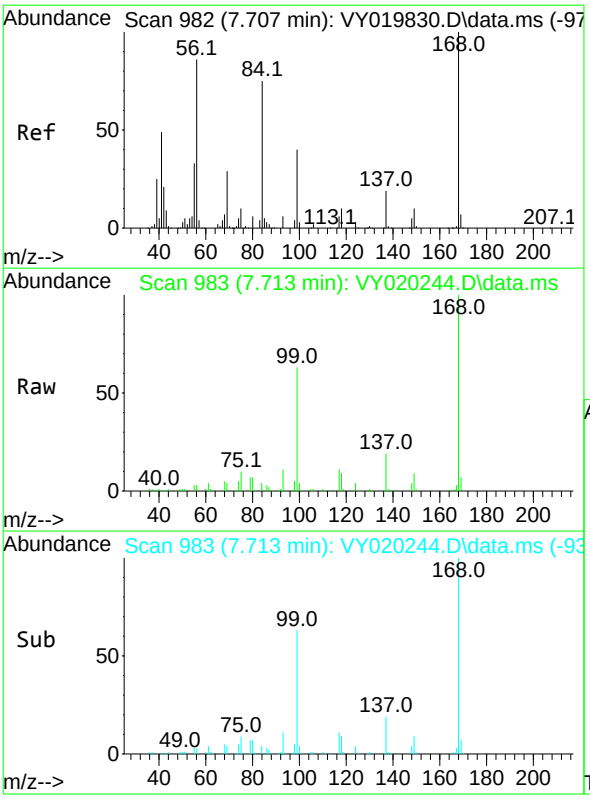


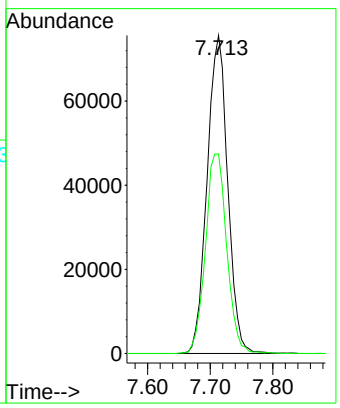


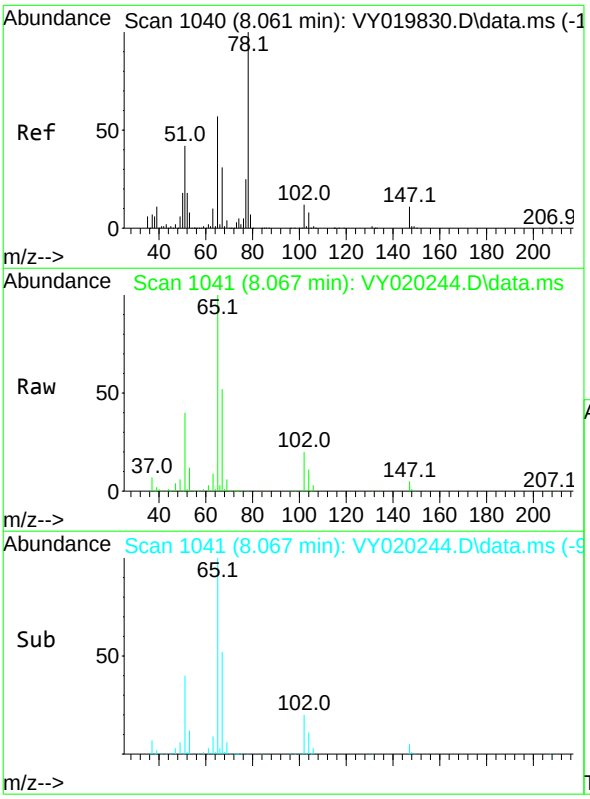
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020244.D
Acq: 11 Nov 2024 13:38

Instrument :
MSVOA_Y
ClientSampleId :
B-3-2

Tgt Ion:168 Resp: 172854

Ion	Ratio	Lower	Upper
168	100		
99	62.7	39.1	58.7#

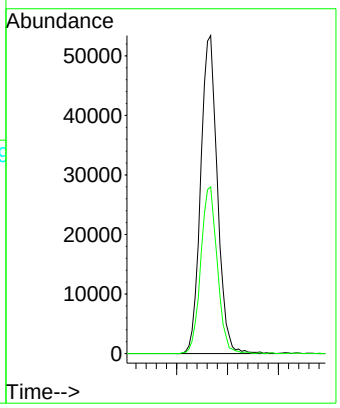


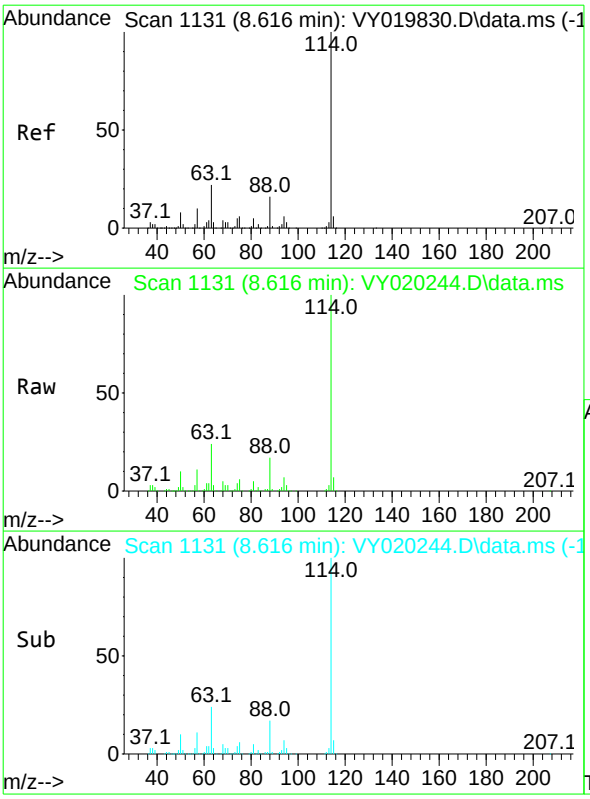


#33
1,2-Dichloroethane-d4
Concen: 56.534 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020244.D
Acq: 11 Nov 2024 13:38

Tgt Ion: 65 Resp: 121963

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	109.6



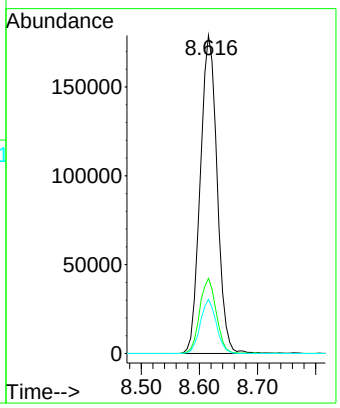


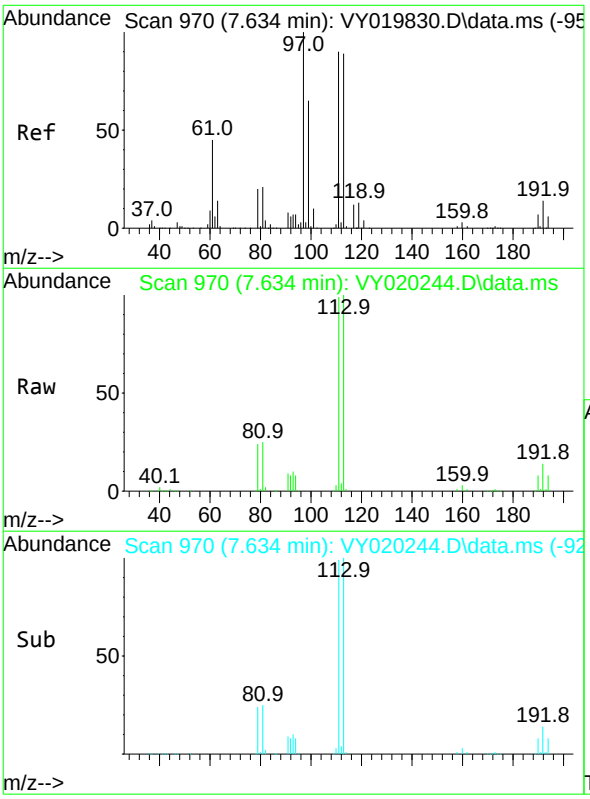
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020244.D
Acq: 11 Nov 2024 13:38

Instrument :
MSVOA_Y
ClientSampleId :
B-3-2

Tgt Ion:114 Resp: 359947

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	35.0
88	17.0	0.0	27.2

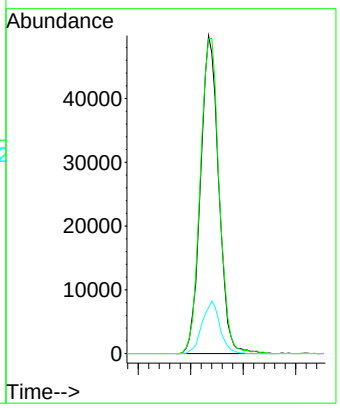


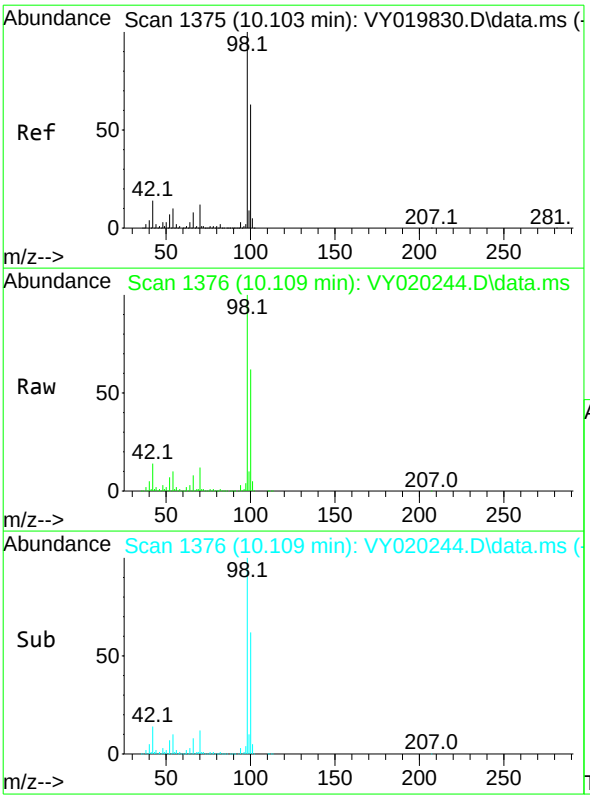


#35
Dibromofluoromethane
Concen: 52.391 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020244.D
Acq: 11 Nov 2024 13:38

Tgt Ion:113 Resp: 119898

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.4
192	16.1	15.9	23.9



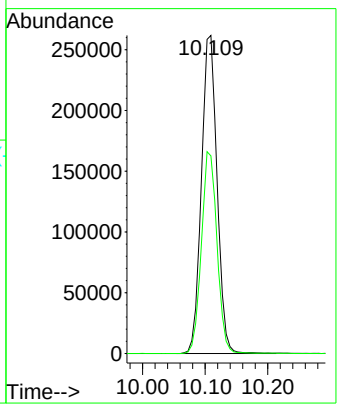


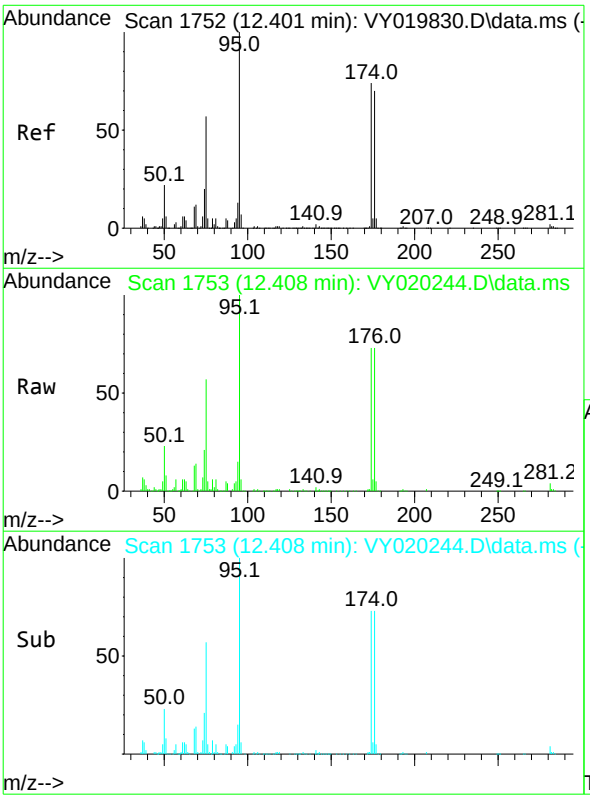
#50
Toluene-d8
Concen: 49.813 ug/l
RT: 10.109 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY020244.D
Acq: 11 Nov 2024 13:38

Instrument :
MSVOA_Y
ClientSampleId :
B-3-2

Tgt Ion: 98 Resp: 453772

Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.0	78.0

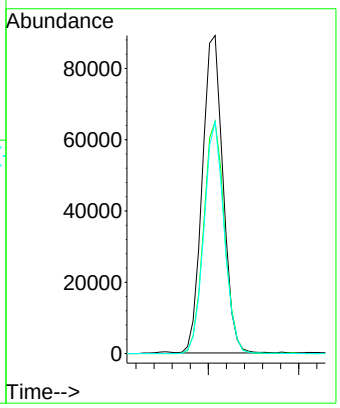


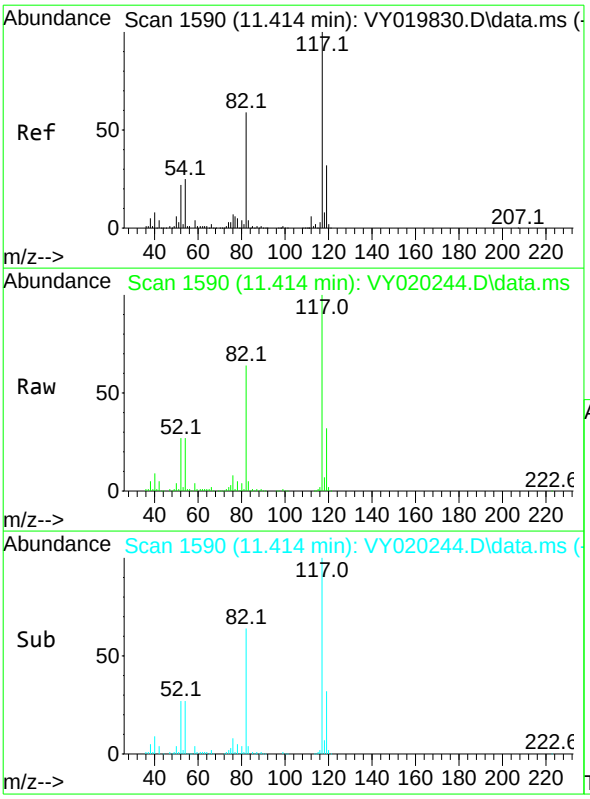


#62
4-Bromofluorobenzene
Concen: 47.942 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020244.D
Acq: 11 Nov 2024 13:38

Tgt Ion: 95 Resp: 141852

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	175.6
176	70.8	0.0	171.4



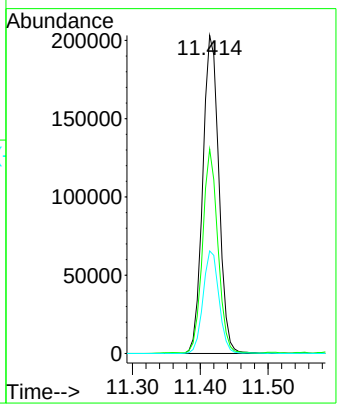


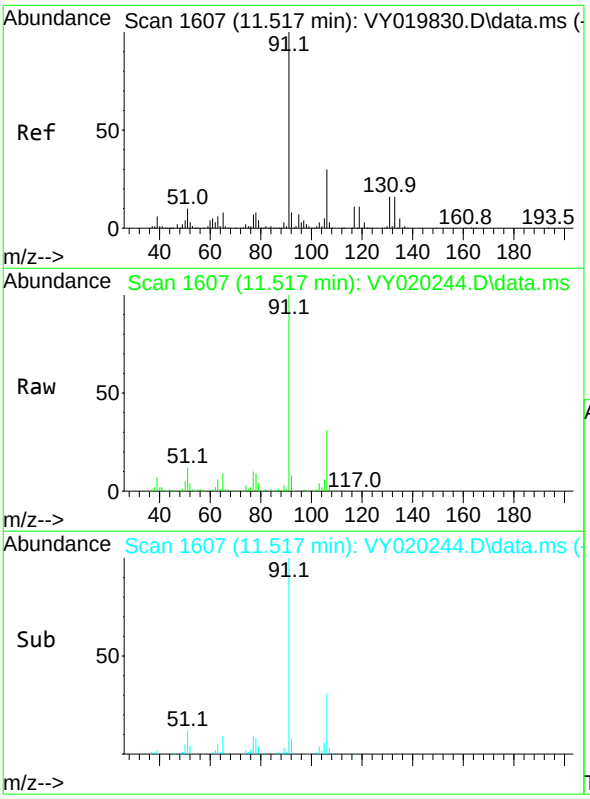
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY020244.D
Acq: 11 Nov 2024 13:38

Instrument :
MSVOA_Y
ClientSampleId :
B-3-2

Tgt Ion:117 Resp: 335044

Ion	Ratio	Lower	Upper
117	100		
82	64.0	42.4	63.6#
119	32.2	25.9	38.9

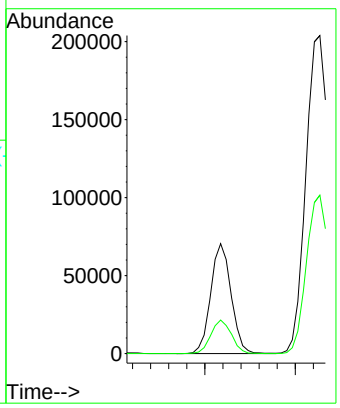


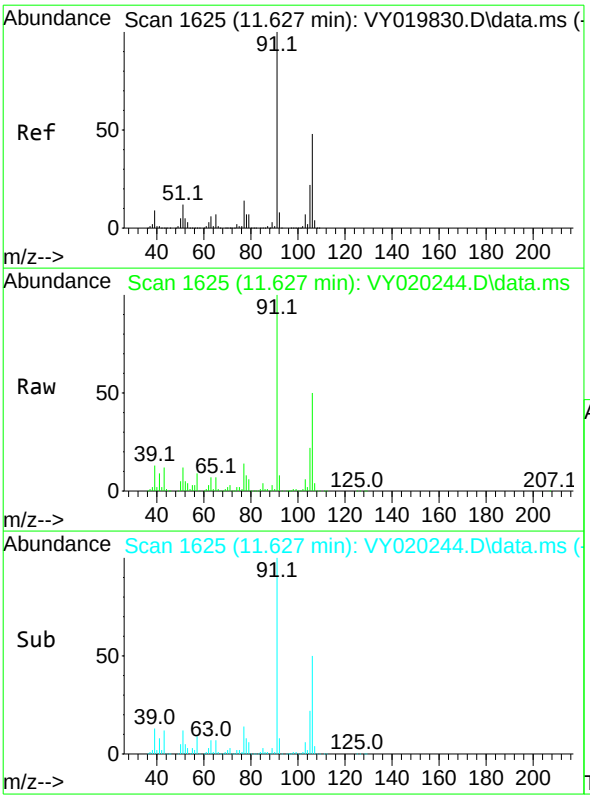


#67
Ethyl Benzene
Concen: 8.281 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY020244.D
Acq: 11 Nov 2024 13:38

Tgt Ion: 91 Resp: 110508

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.5	36.7



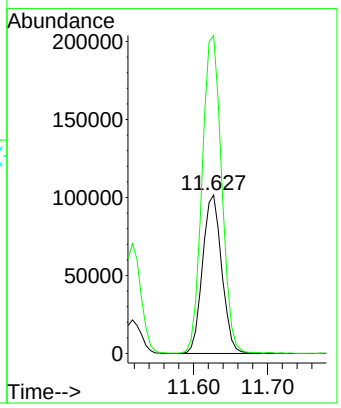


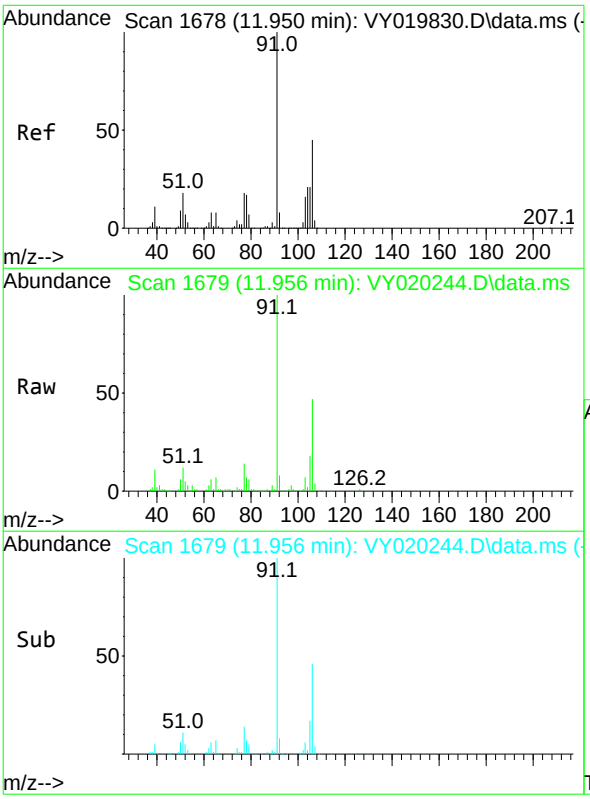
#68
m/p-Xylenes
Concen: 37.394 ug/l
RT: 11.627 min Scan# 16
Delta R.T. -0.006 min
Lab File: VY020244.D
Acq: 11 Nov 2024 13:38

Instrument :
MSVOA_Y
ClientSampleId :
B-3-2

Tgt Ion:106 Resp: 182574

Ion	Ratio	Lower	Upper
106	100		
91	204.4	156.0	234.0

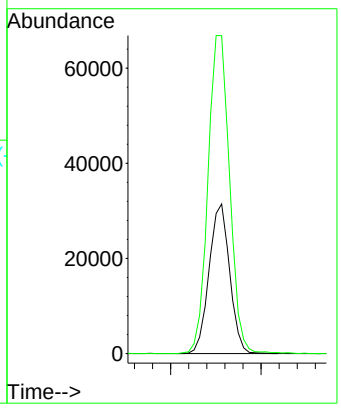


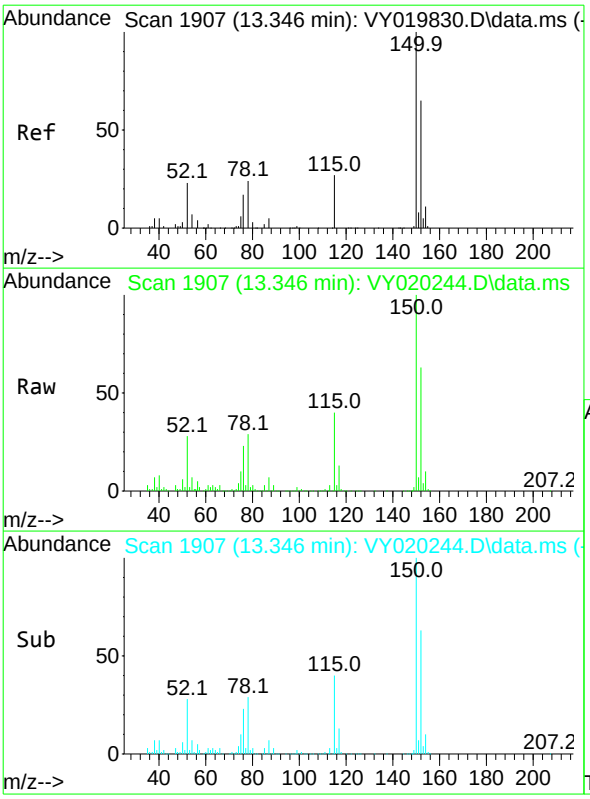


#69
o-Xylene
Concen: 10.755 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY020244.D
Acq: 11 Nov 2024 13:38

Tgt Ion:106 Resp: 49716

Ion	Ratio	Lower	Upper
106	100		
91	223.9	103.6	310.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 19
Delta R.T. 0.000 min
Lab File: VY020244.D
Acq: 11 Nov 2024 13:38

Instrument :
MSVOA_Y
ClientSampleId :
B-3-2

Tgt Ion:152 Resp: 117809

Ion	Ratio	Lower	Upper
152	100		
115	63.0	28.2	84.7
150	160.1	0.0	345.6