Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
Data File : VY020741.D
Acq On : 27 Dec 2024 15:57
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Dec 28 03:04:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	134466	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.615	114	217179	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	191170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	84462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	65270	59.261	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.520%			
35) Dibromofluoromethane	7.634	113	65453	54.715	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.440%			
50) Toluene-d8	10.109	98	252426	52.958	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.920%			
62) 4-Bromofluorobenzene	12.407	95	83053	52.242	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 104.480%			
Target Compounds						Qvalue
16) Acetone	3.872	43	1913	13.691	ug/l #	79
51) 4-Methyl-2-Pentanone	9.999	43	1070	2.003	ug/l	93
69) o-Xylene	11.956	106	2849	1.195	ug/l	82
80) 1,3,5-Trimethylbenzene	12.737	105	6802	1.395	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	35710	7.527	ug/l	96

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

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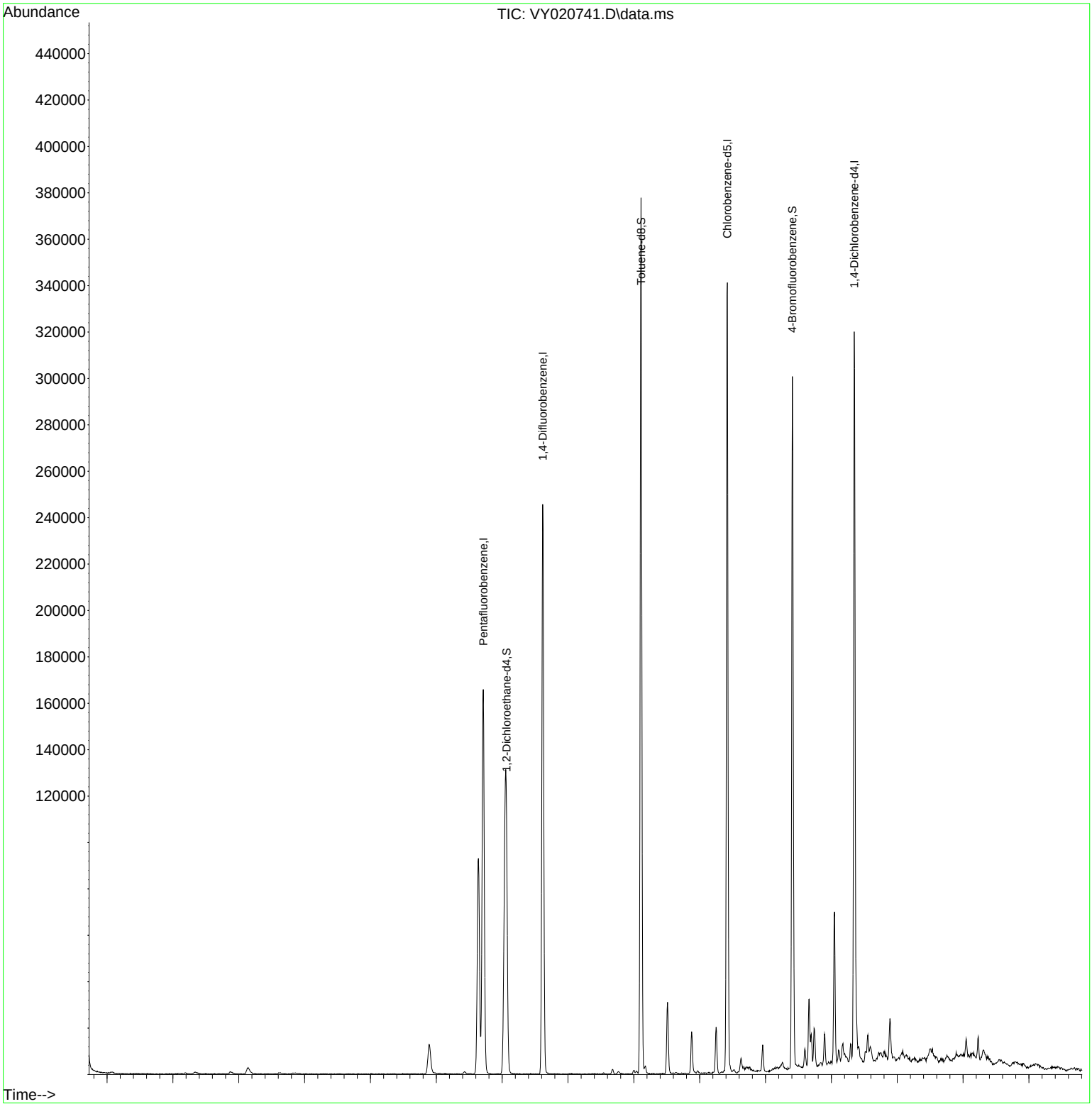
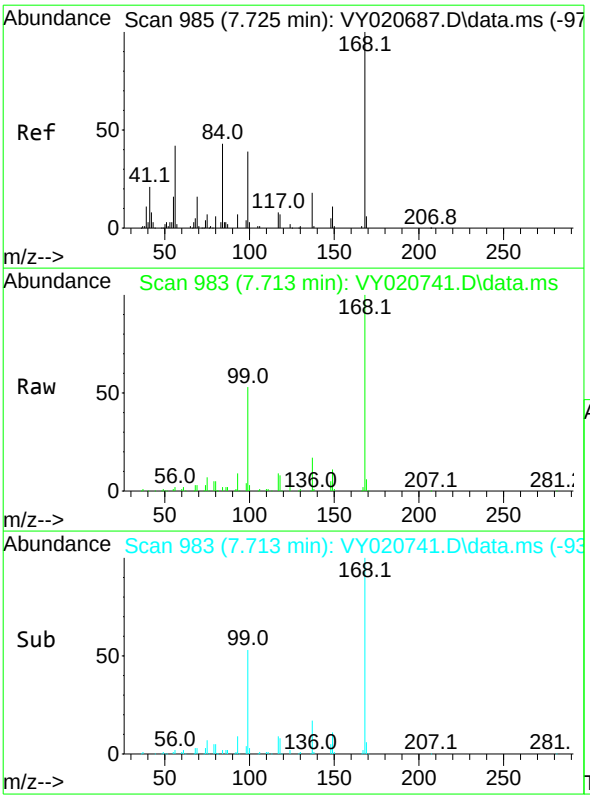


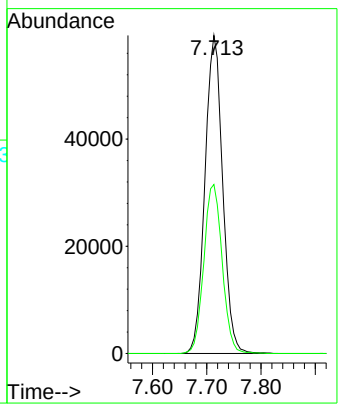


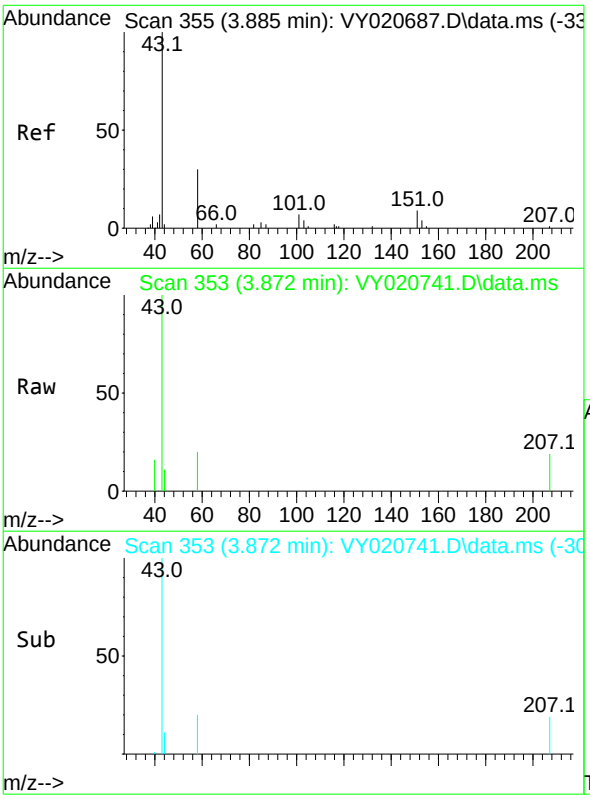
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020741.D
Acq: 27 Dec 2024 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 134466

Ion	Ratio	Lower	Upper
168	100		
99	53.1	43.8	65.6

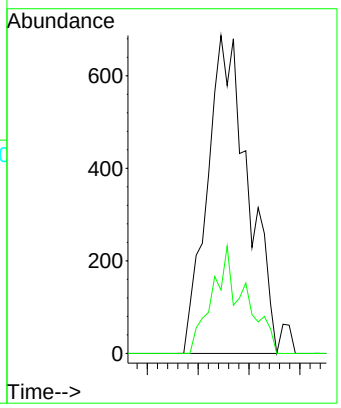


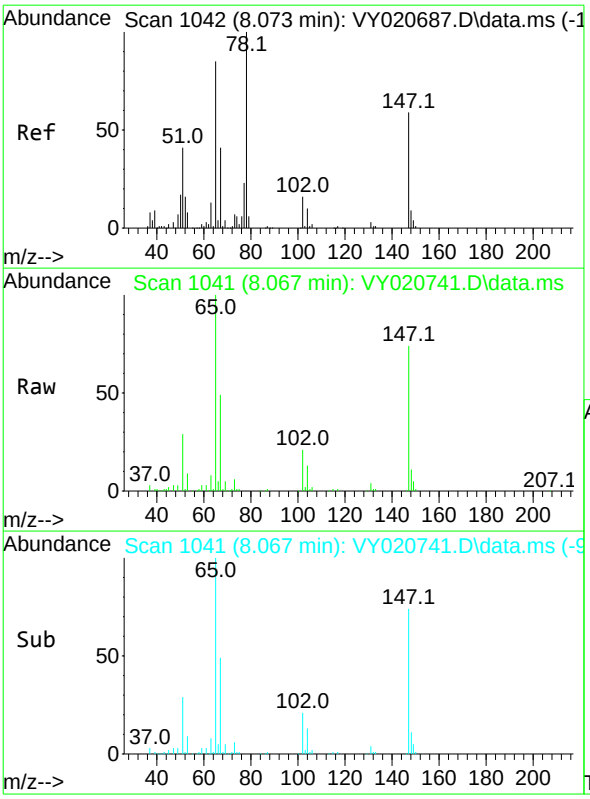


#16
Acetone
Concen: 13.691 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.013 min
Lab File: VY020741.D
Acq: 27 Dec 2024 15:57

Tgt Ion: 43 Resp: 1913

Ion	Ratio	Lower	Upper
43	100		
58	19.9	25.0	37.6#



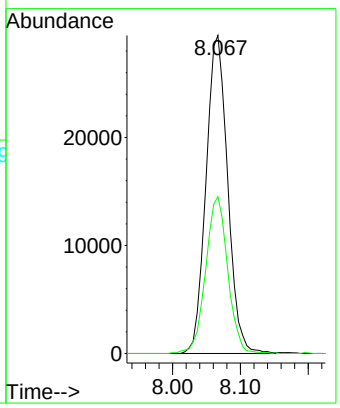


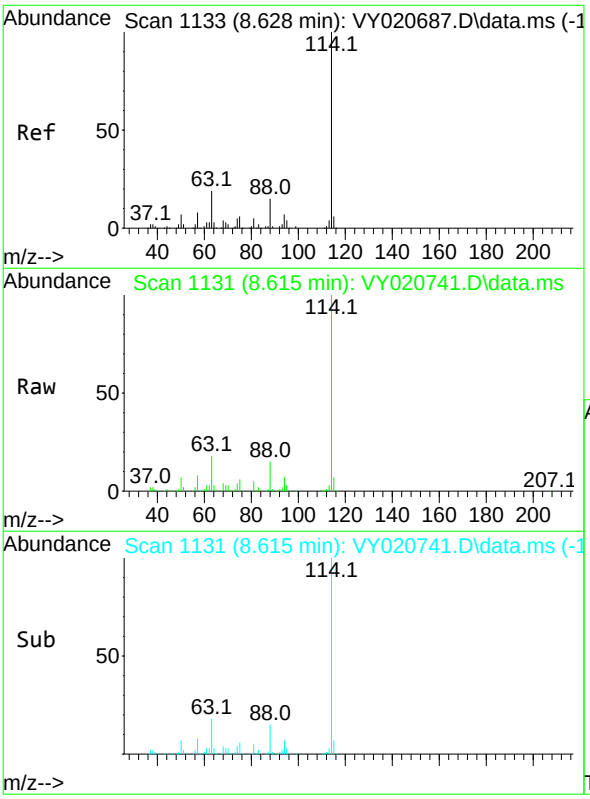
#33
1,2-Dichloroethane-d4
Concen: 59.261 ug/l
RT: 8.067 min Scan# 10
Delta R.T. -0.006 min
Lab File: VY020741.D
Acq: 27 Dec 2024 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 65 Resp: 65270

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	98.0

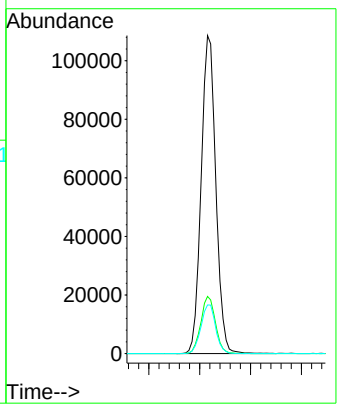


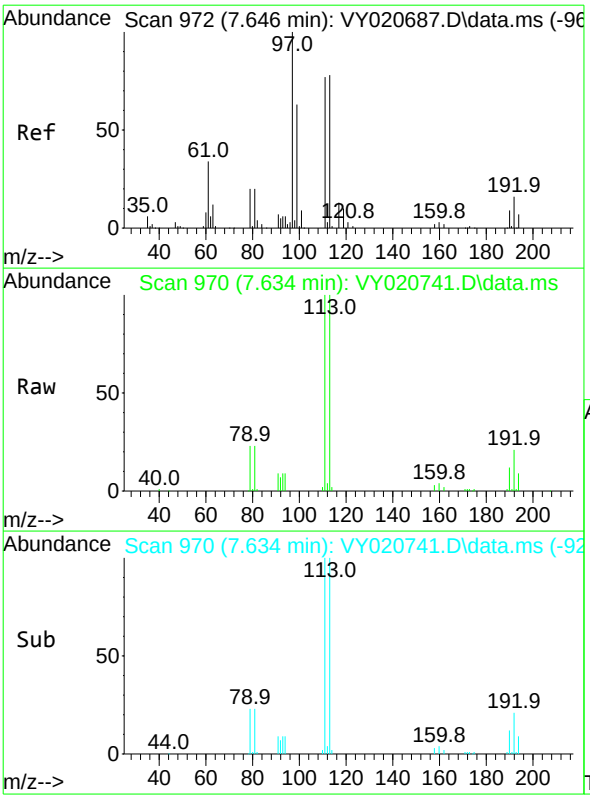


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.013 min
Lab File: VY020741.D
Acq: 27 Dec 2024 15:57

Tgt Ion:114 Resp: 217179

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	38.4
88	15.3	0.0	30.4



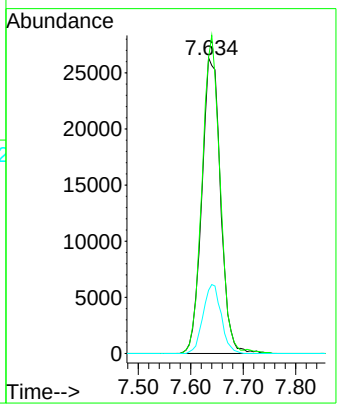


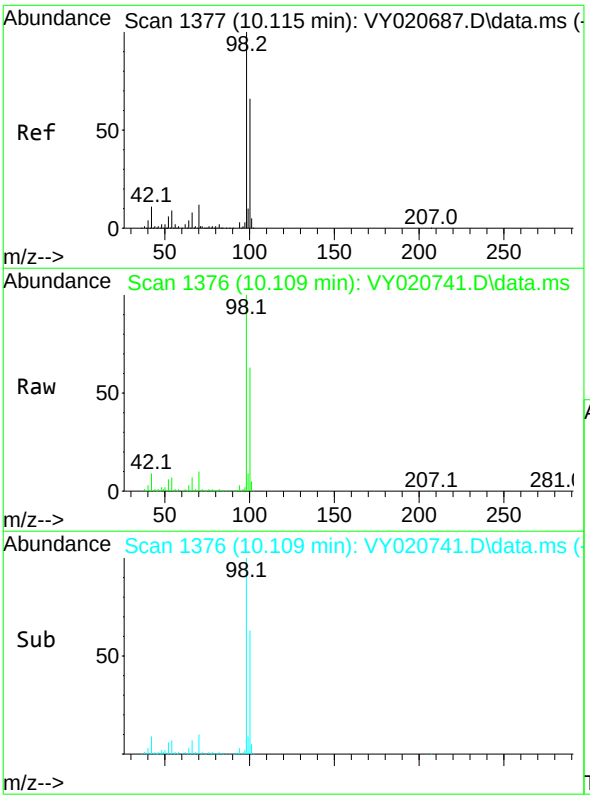
#35
Dibromofluoromethane
Concen: 54.715 ug/l
RT: 7.634 min Scan# 97
Delta R.T. -0.012 min
Lab File: VY020741.D
Acq: 27 Dec 2024 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:113 Resp: 65453

Ion	Ratio	Lower	Upper
113	100		
111	102.1	79.8	119.8
192	22.5	17.0	25.6

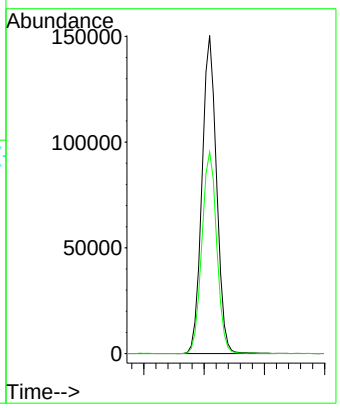


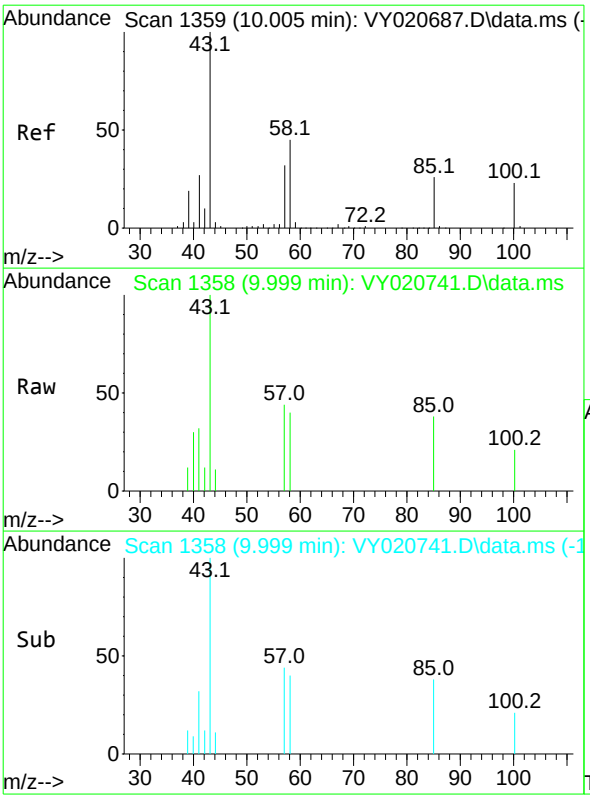


#50
Toluene-d8
Concen: 52.958 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020741.D
Acq: 27 Dec 2024 15:57

Tgt Ion: 98 Resp: 252426

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.4



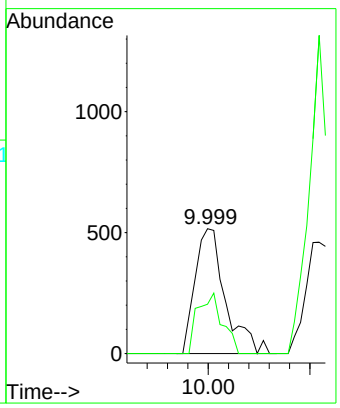


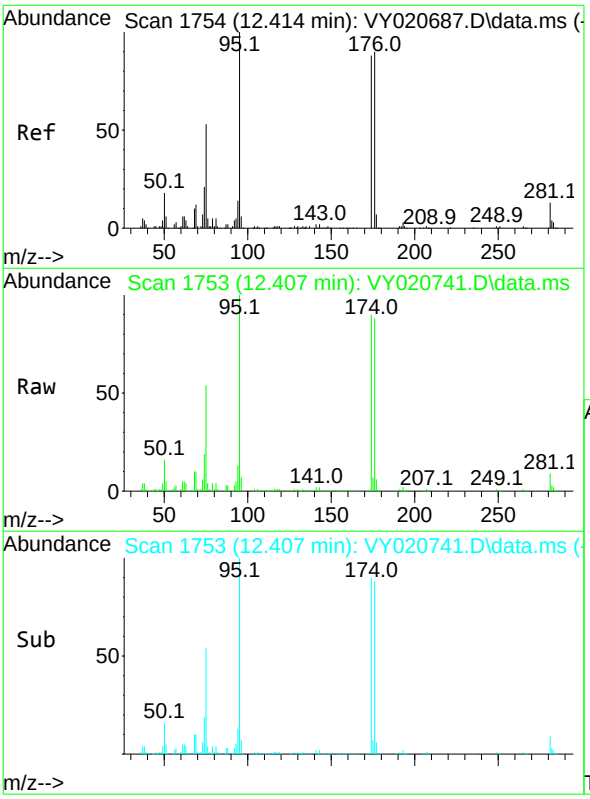
#51
4-Methyl-2-Pentanone
Concen: 2.003 ug/l
RT: 9.999 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY020741.D
Acq: 27 Dec 2024 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 1070

Ion	Ratio	Lower	Upper
43	100		
58	39.3	35.1	52.7

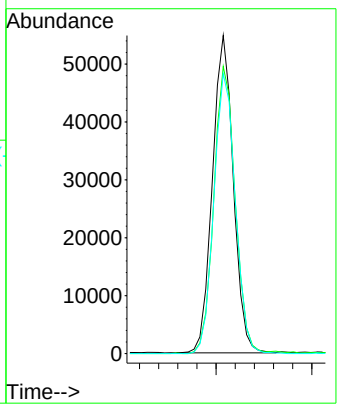


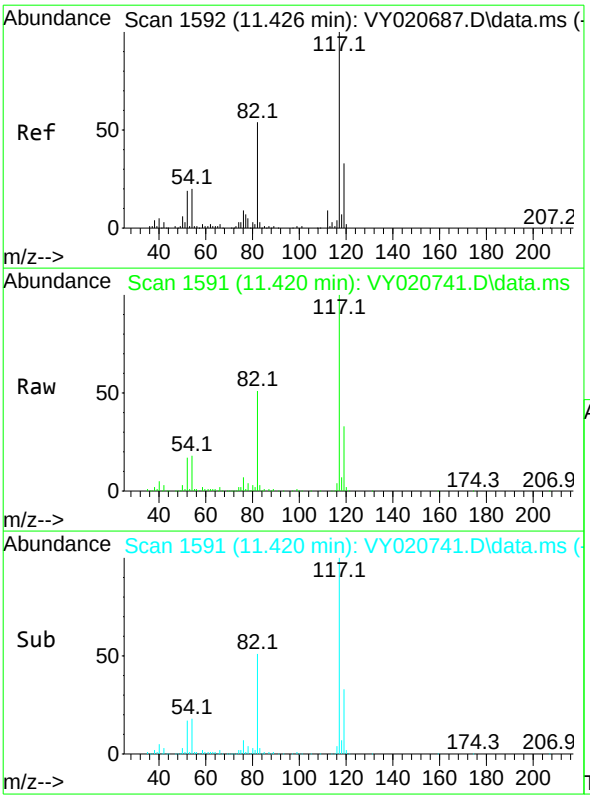


#62
4-Bromofluorobenzene
Concen: 52.242 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.007 min
Lab File: VY020741.D
Acq: 27 Dec 2024 15:57

Tgt Ion: 95 Resp: 83053

Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	179.2
176	90.3	0.0	179.8



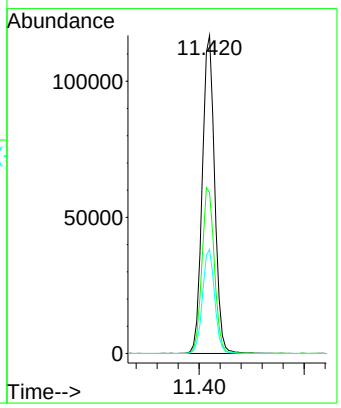


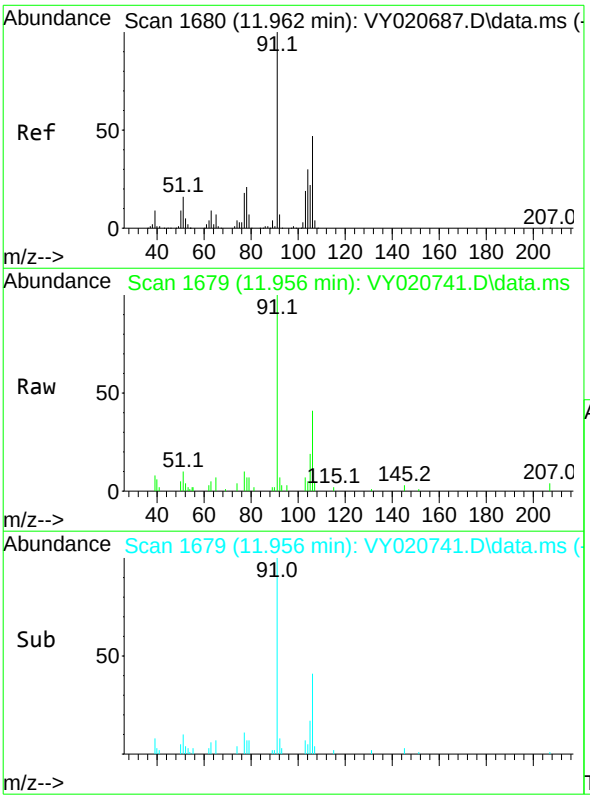
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY020741.D
Acq: 27 Dec 2024 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 191170

Ion	Ratio	Lower	Upper
117	100		
82	50.7	43.4	65.2
119	32.7	26.6	39.8

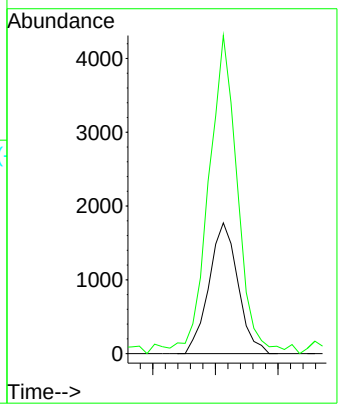


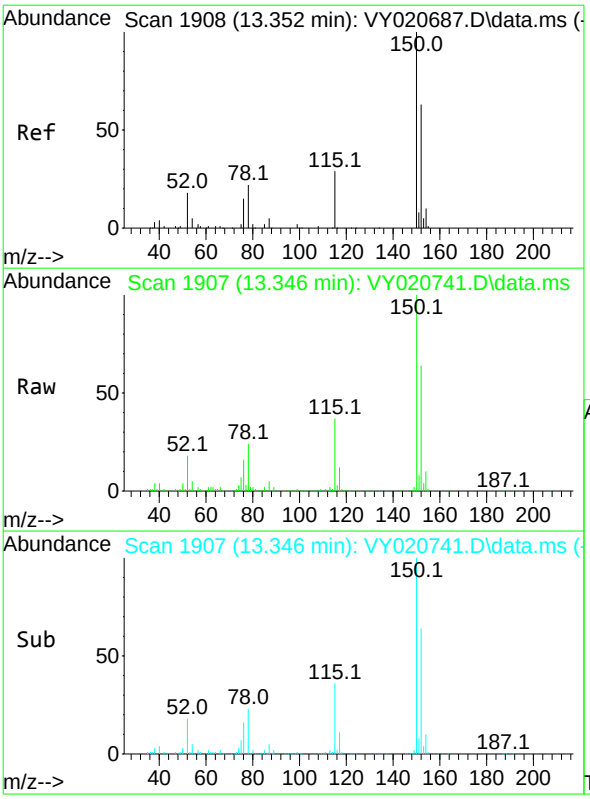


#69
o-Xylene
Concen: 1.195 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.006 min
Lab File: VY020741.D
Acq: 27 Dec 2024 15:57

Tgt Ion:106 Resp: 2849

Ion	Ratio	Lower	Upper
106	100		
91	245.2	108.6	325.8



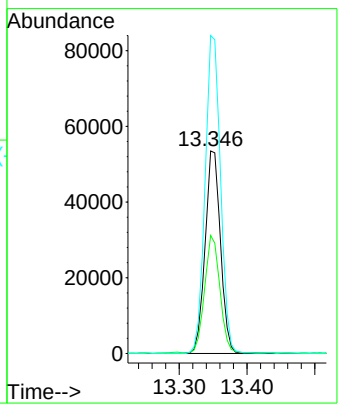


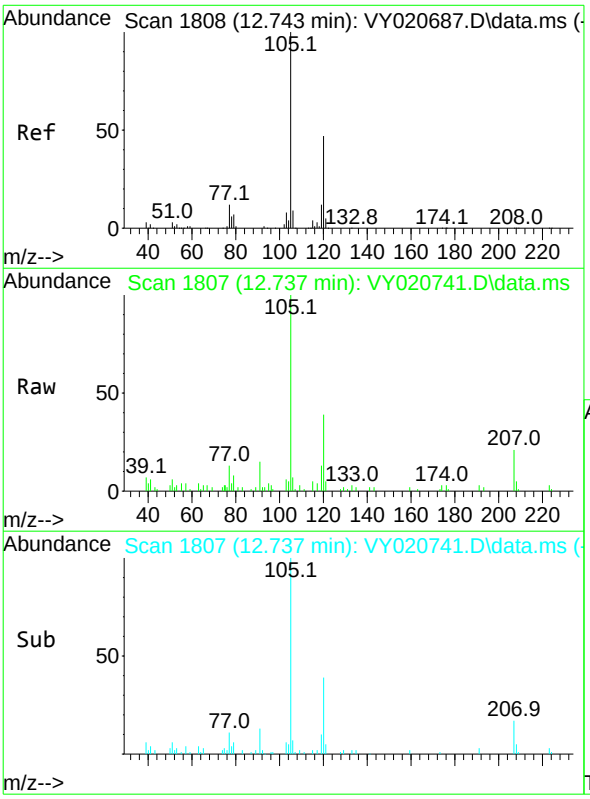
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 19
Delta R.T. -0.006 min
Lab File: VY020741.D
Acq: 27 Dec 2024 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:152 Resp: 84462

Ion	Ratio	Lower	Upper
152	100		
115	57.5	30.3	90.9
150	156.8	0.0	349.0

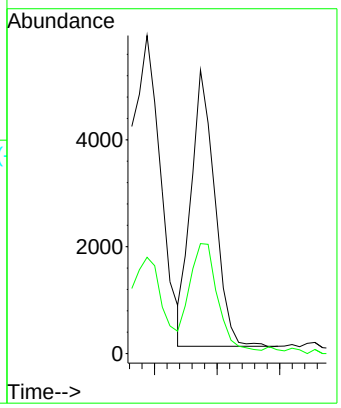


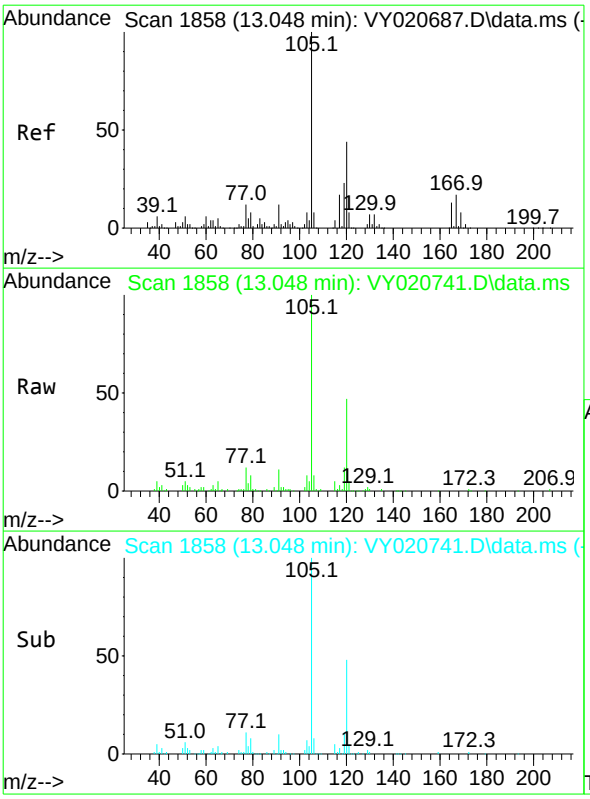


#80
1,3,5-Trimethylbenzene
Concen: 1.395 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY020741.D
Acq: 27 Dec 2024 15:57

Tgt Ion:105 Resp: 6802

Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.9	71.7





#84
1,2,4-Trimethylbenzene
Concen: 7.527 ug/l
RT: 13.048 min Scan# 18
Delta R.T. -0.000 min
Lab File: VY020741.D
Acq: 27 Dec 2024 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:105 Resp: 35710

Ion	Ratio	Lower	Upper
105	100		
120	45.9	21.8	65.3