Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121724\
Data File : VY020618.D
Acq On : 17 Dec 2024 12:24
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Dec 18 05:28:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	203757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	352571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	290532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	110207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	104163	46.677	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.360%		
35) Dibromofluoromethane	7.634	113	108933	43.839	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.680%		
50) Toluene-d8	10.109	98	424063	48.758	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.520%		
62) 4-Bromofluorobenzene	12.407	95	124463	36.584	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	73.160%		
Target Compounds						Qvalue
93) 1,2,4-Trichlorobenzene	14.919	180	3462	1.597	ug/l	94
95) Naphthalene	15.151	128	6884	1.853	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	3493	1.908	ug/l	96

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

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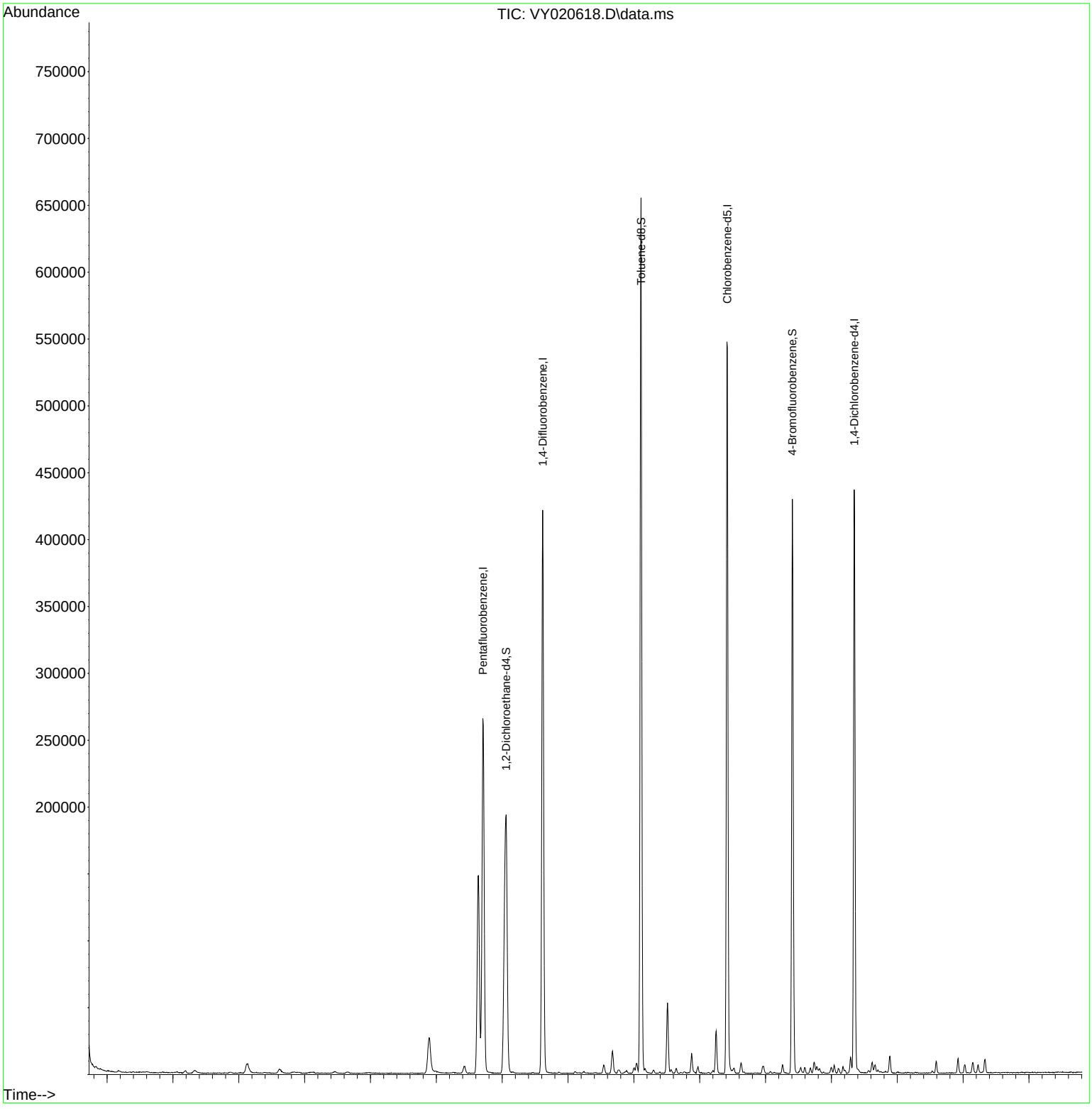
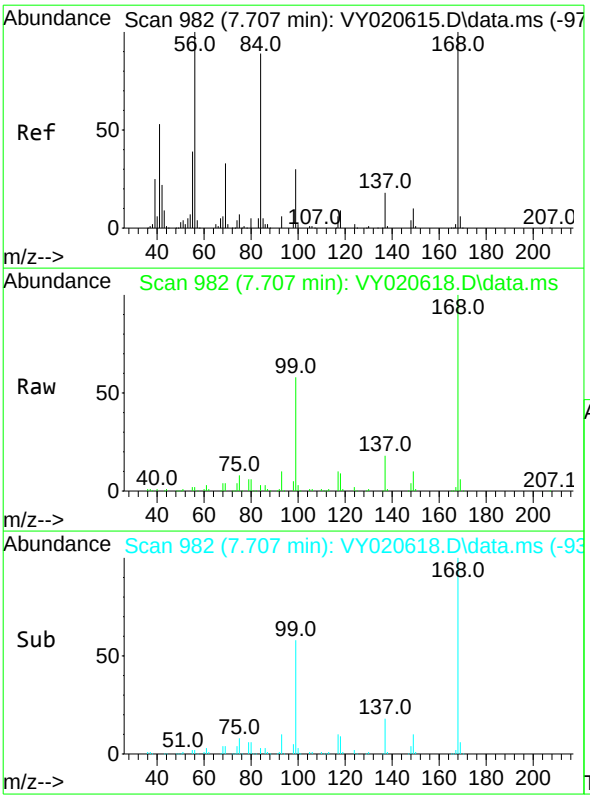


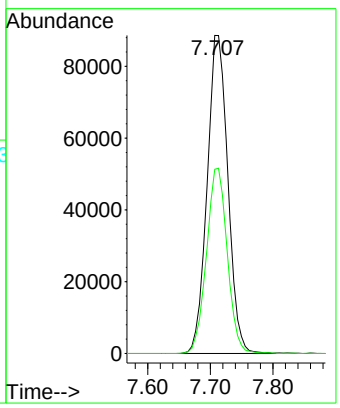


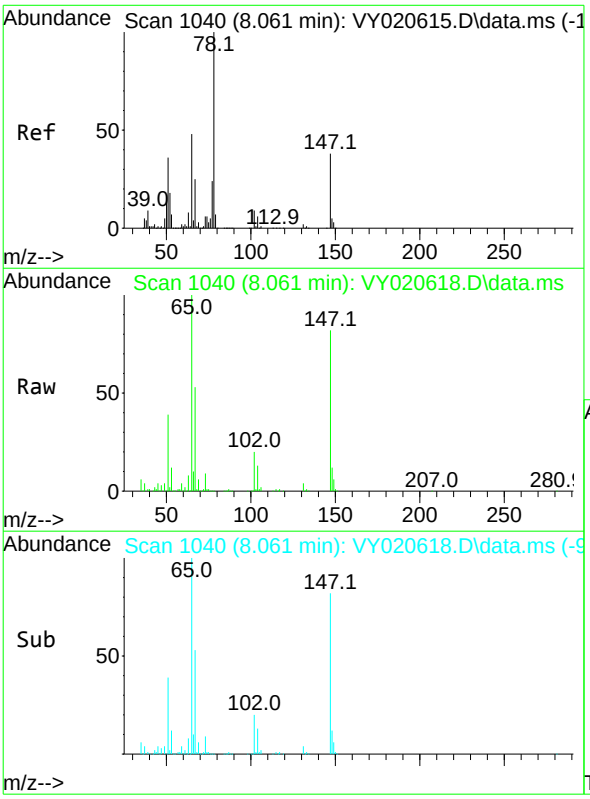
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.000 min
Lab File: VY020618.D
Acq: 17 Dec 2024 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 203757

Ion	Ratio	Lower	Upper
168	100		
99	57.9	47.0	70.6

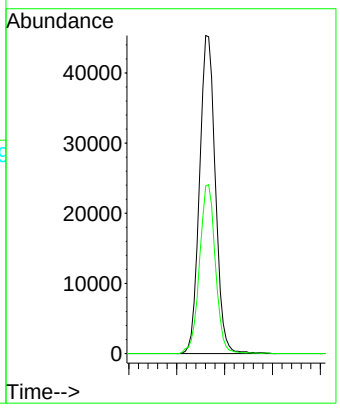


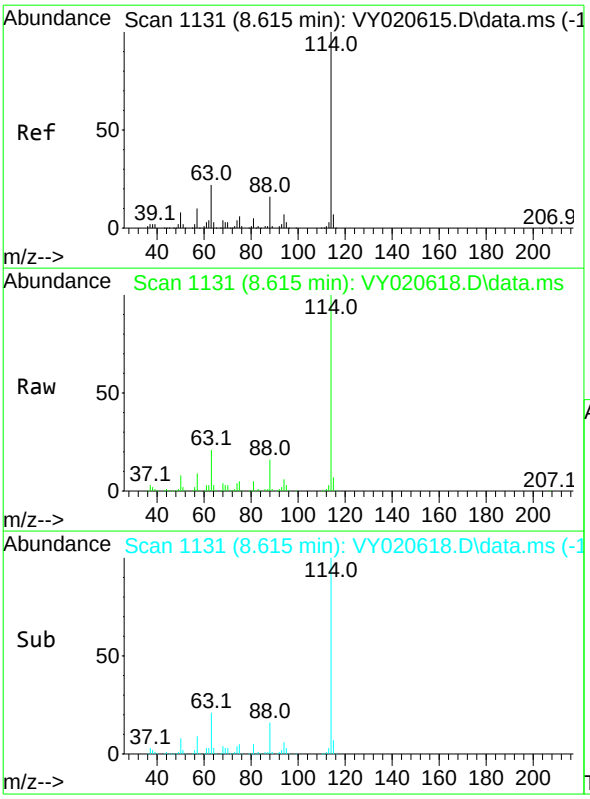


#33
1,2-Dichloroethane-d4
Concen: 46.677 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020618.D
Acq: 17 Dec 2024 12:24

Tgt Ion: 65 Resp: 104163

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	108.0



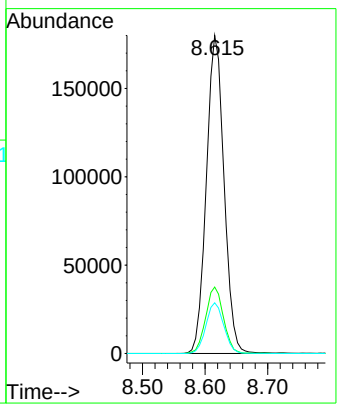


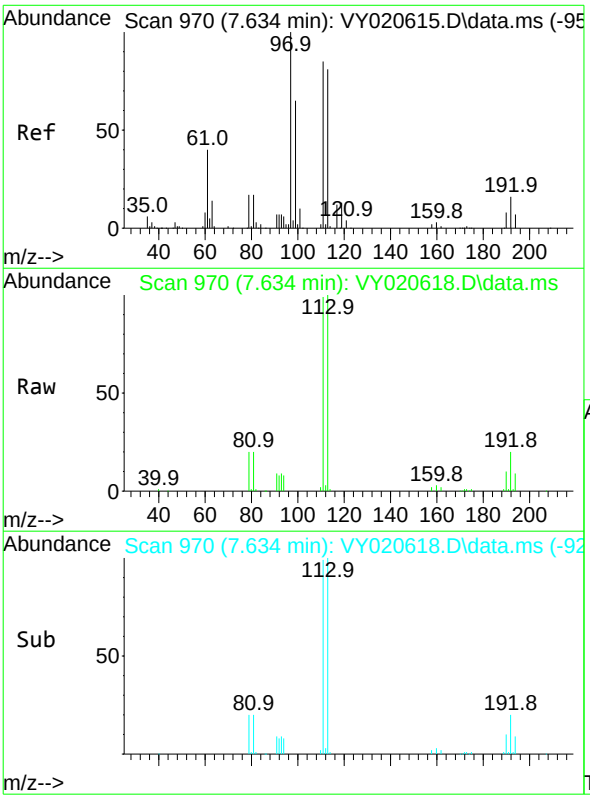
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020618.D
Acq: 17 Dec 2024 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 352571

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	44.0
88	15.9	0.0	32.8

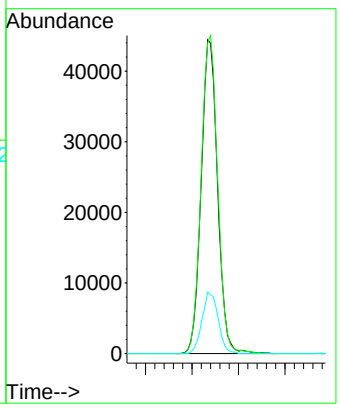


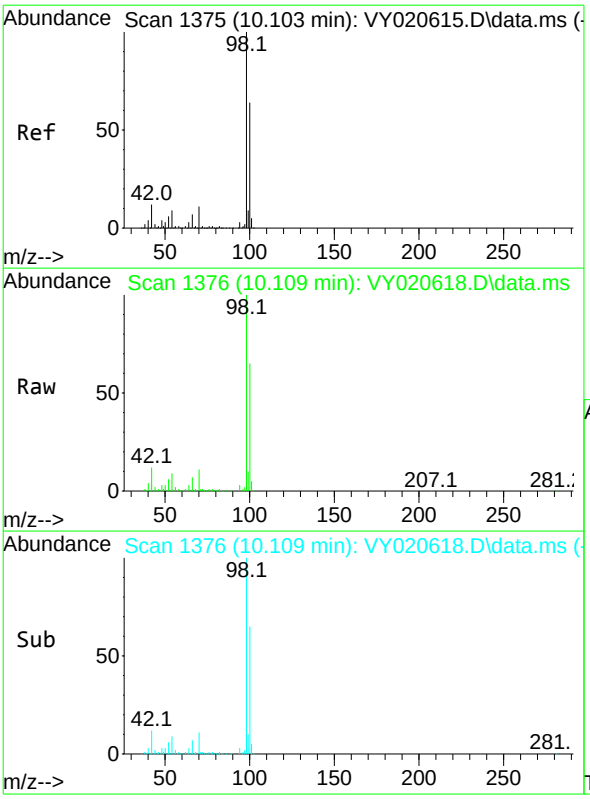


#35
Dibromofluoromethane
Concen: 43.839 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020618.D
Acq: 17 Dec 2024 12:24

Tgt Ion:113 Resp: 108933

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	19.2	15.7	23.5



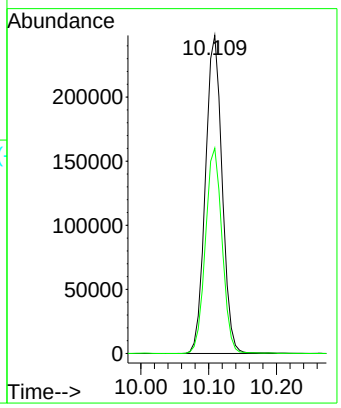


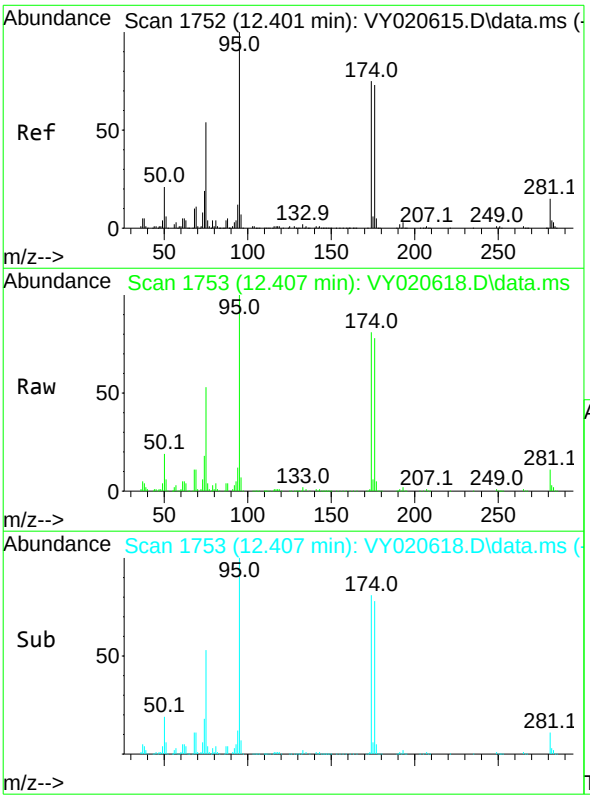
#50
Toluene-d8
Concen: 48.758 ug/l
RT: 10.109 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY020618.D
Acq: 17 Dec 2024 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 424063

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.1	78.1

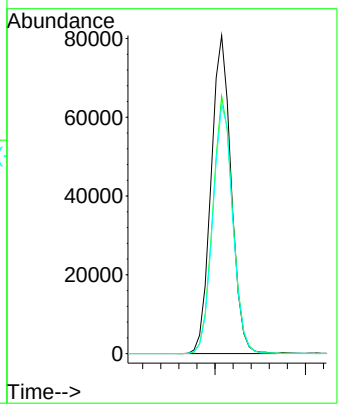


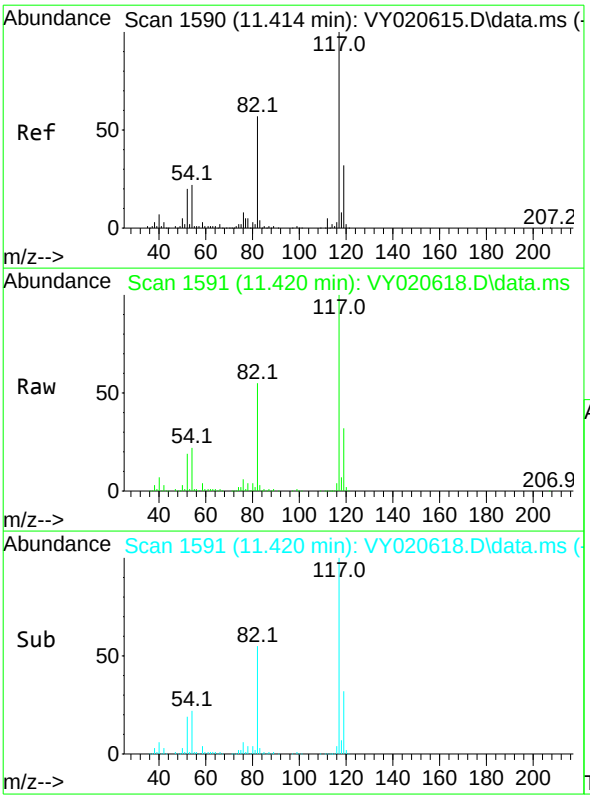


#62
4-Bromofluorobenzene
Concen: 36.584 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020618.D
Acq: 17 Dec 2024 12:24

Tgt Ion: 95 Resp: 124463

Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	161.8
176	78.5	0.0	156.6



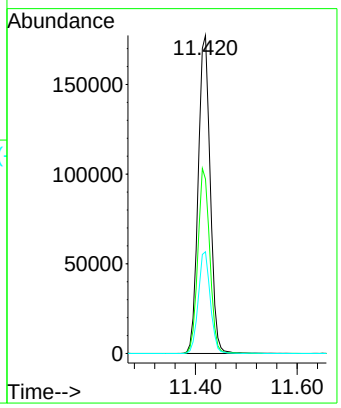


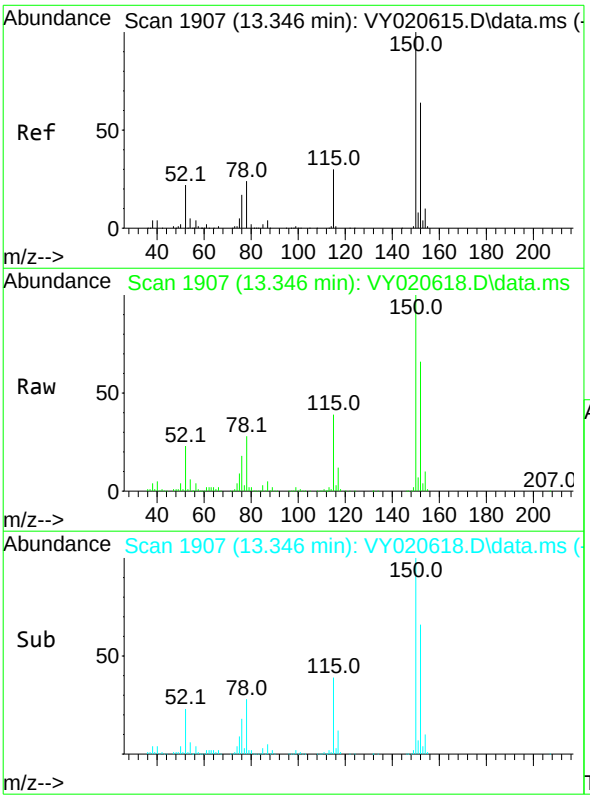
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY020618.D
Acq: 17 Dec 2024 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 290532

Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.8	68.6
119	32.0	25.3	37.9

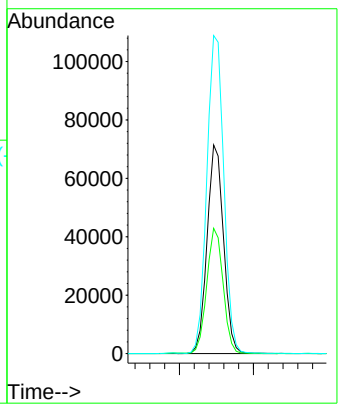


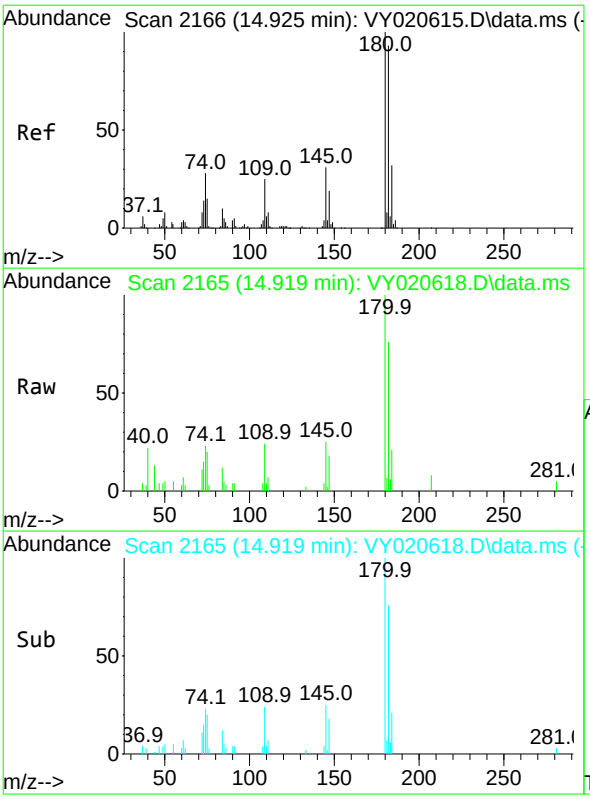


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY020618.D
Acq: 17 Dec 2024 12:24

Tgt Ion:152 Resp: 110207

Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.2	90.6
150	156.9	0.0	355.4



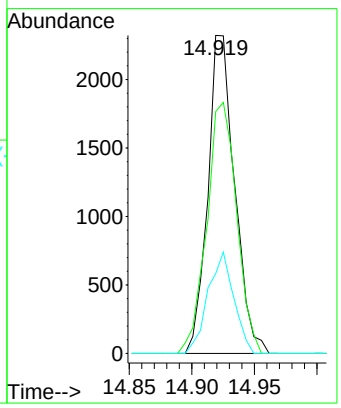


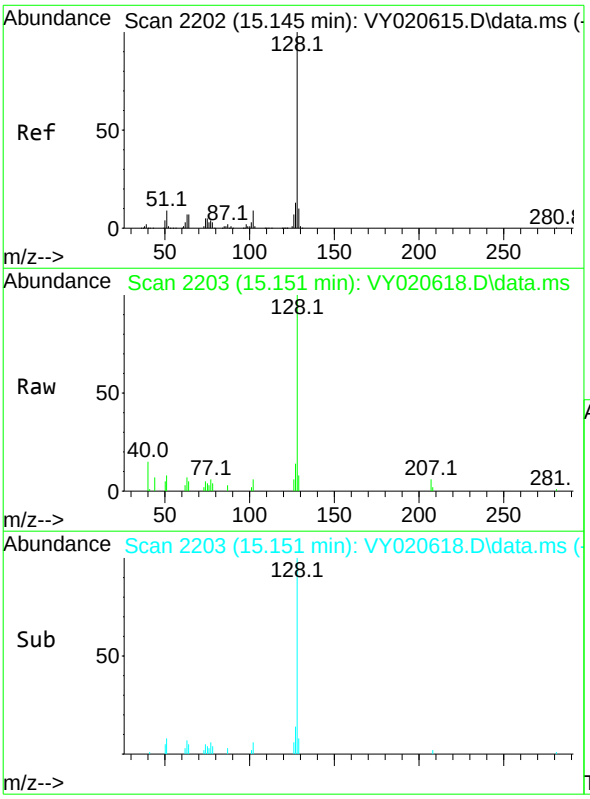
#93
1,2,4-Trichlorobenzene
Concen: 1.597 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY020618.D
Acq: 17 Dec 2024 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:180 Resp: 3462

Ion	Ratio	Lower	Upper
180	100		
182	87.8	47.9	143.6
145	30.7	15.6	46.7

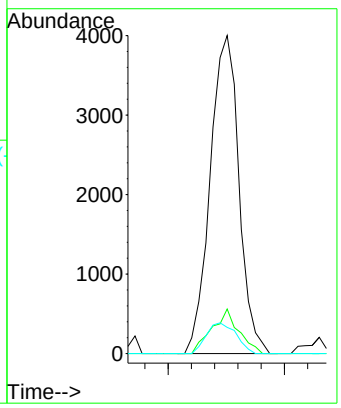


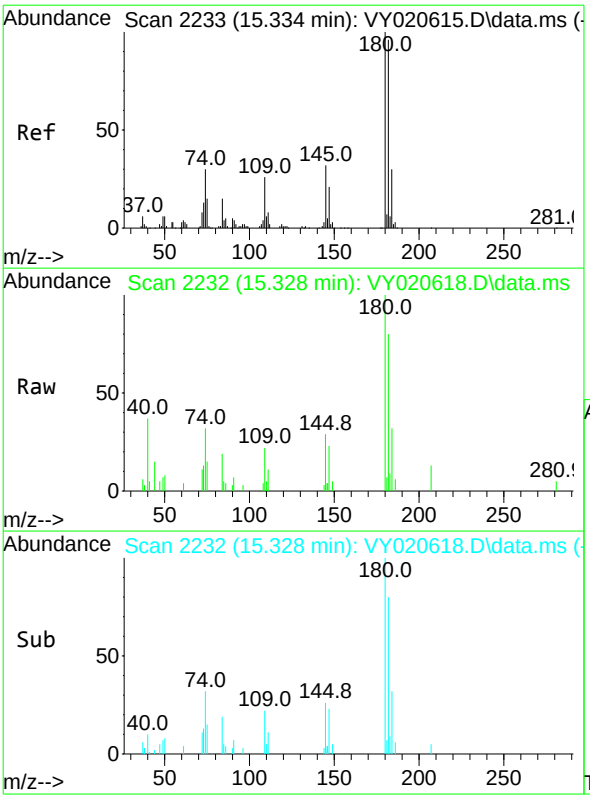


#95
Naphthalene
Concen: 1.853 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY020618.D
Acq: 17 Dec 2024 12:24

Tgt Ion:128 Resp: 6884

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.7	16.1
129	10.0	8.5	12.7





#96
1,2,3-Trichlorobenzene
Concen: 1.908 ug/l
RT: 15.328 min Scan# 22
Delta R.T. -0.006 min
Lab File: VY020618.D
Acq: 17 Dec 2024 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:180 Resp: 3493

Ion	Ratio	Lower	Upper
180	100		
182	90.1	47.3	141.9
145	32.4	16.0	48.0