Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
Data File : VY020230.D
Acq On : 08 Nov 2024 14:02
Operator : SY/MD
Sample : P4722-01
Misc : 10.39g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1(5.5)

Quant Time: Nov 08 22:18:23 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	209744	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	444878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	397795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	127098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	159975	61.112	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.220%			
35) Dibromofluoromethane	7.634	113	148294	52.428	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.860%			
50) Toluene-d8	10.103	98	550182	48.867	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.740%			
62) 4-Bromofluorobenzene	12.408	95	159777	43.691	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 87.380%			
Target Compounds						Qvalue
16) Acetone	3.873	43	17678	29.039	ug/l #	84
20) Methylene Chloride	4.610	84	10151	3.712	ug/l	89
25) 2-Butanone	6.903	43	8035	9.737	ug/l #	79
30) Chloroform	7.427	83	6195	1.272	ug/l	88
64) Tetrachloroethene	10.646	164	6464	2.461	ug/l	94

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

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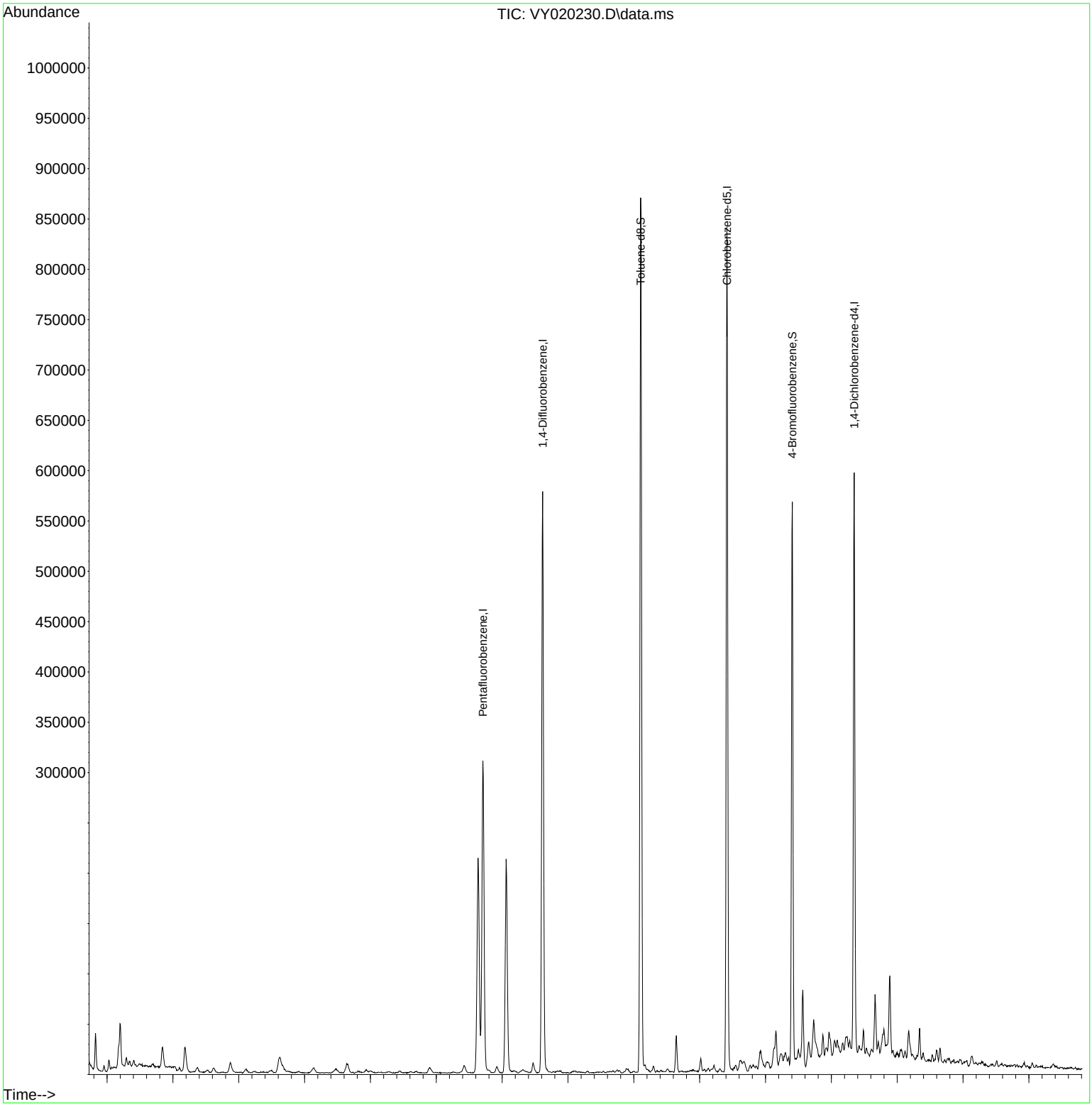
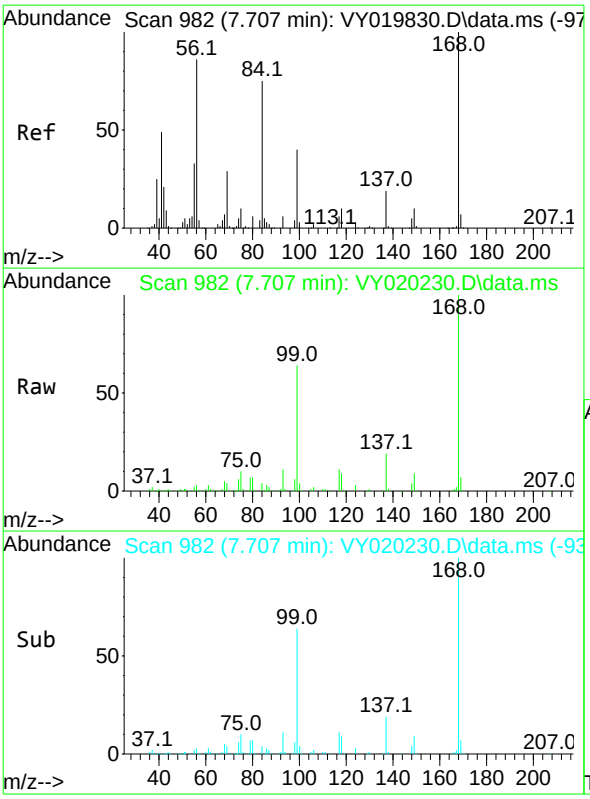


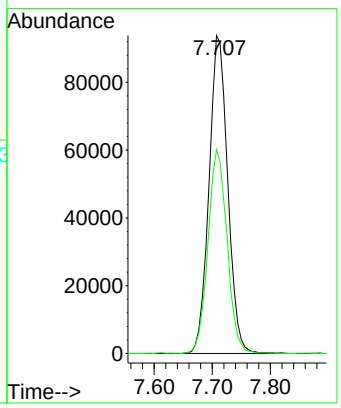


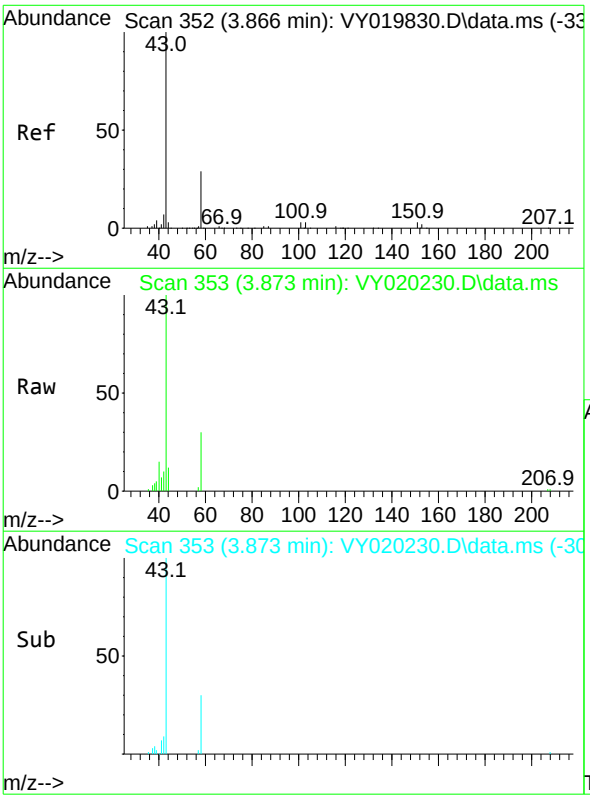
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :
WC-1(5.5)

Tgt Ion:168 Resp: 209744

Ion	Ratio	Lower	Upper
168	100		
99	64.0	39.1	58.7#

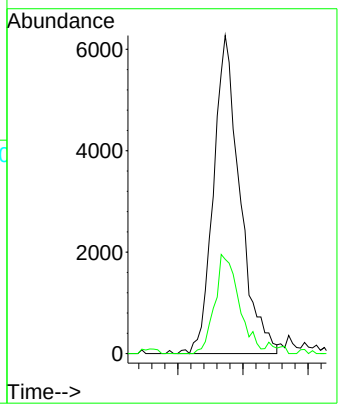


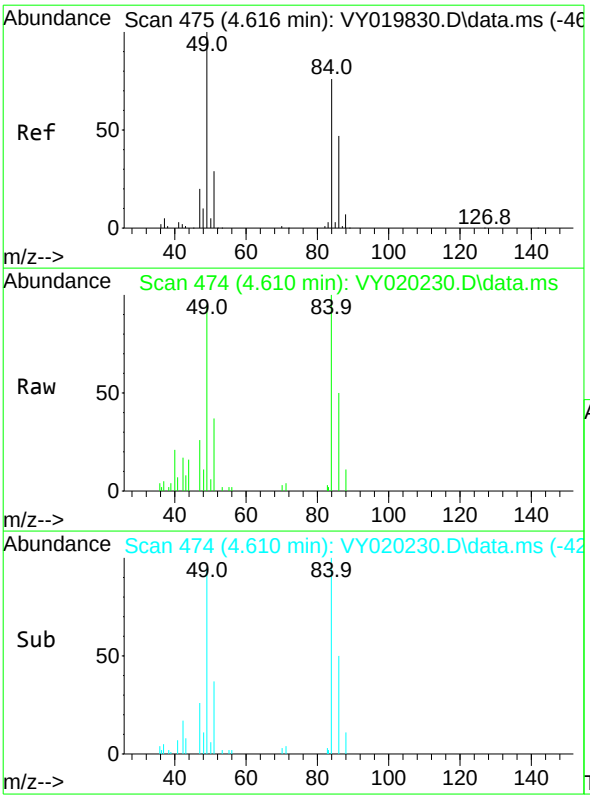


#16
Acetone
Concen: 29.039 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

Tgt Ion: 43 Resp: 17678

Ion	Ratio	Lower	Upper
43	100		
58	29.6	31.7	47.5#



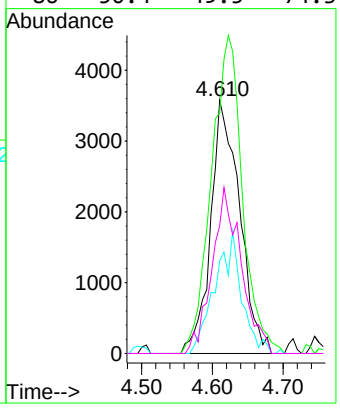


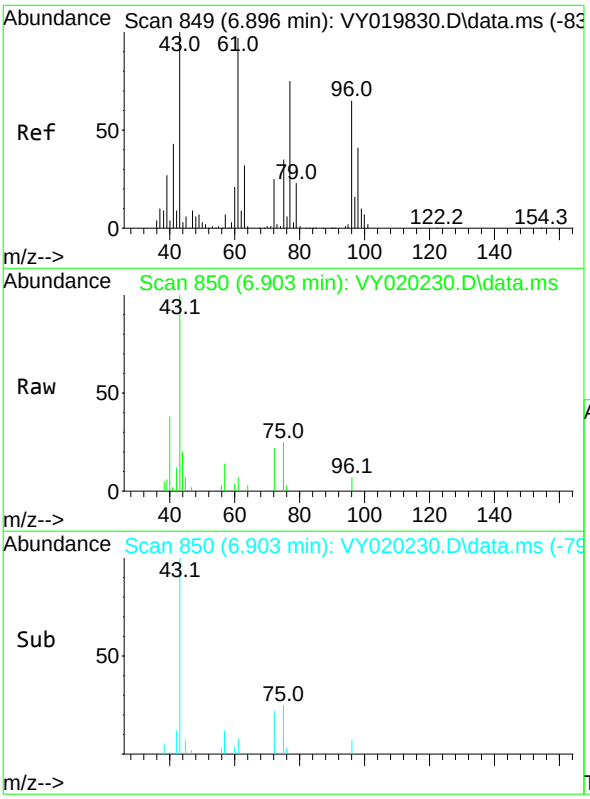
#20
Methylene Chloride
Concen: 3.712 ug/l
RT: 4.610 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :
WC-1(5.5)

Tgt Ion: 84 Resp: 10151

Ion	Ratio	Lower	Upper
84	100		
49	95.1	84.4	126.6
51	36.6	26.0	39.0
86	50.4	49.5	74.3

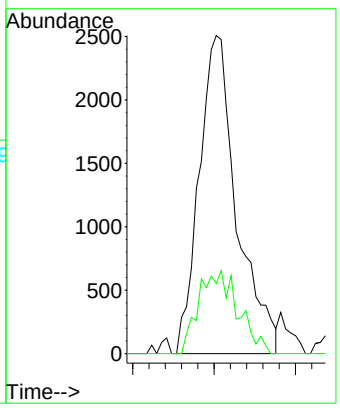


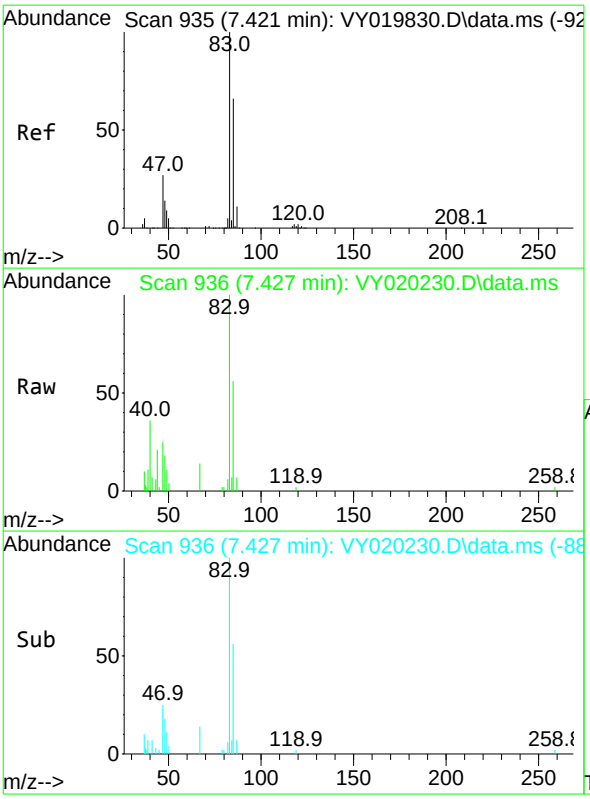


#25
2-Butanone
Concen: 9.737 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.013 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

Tgt Ion: 43 Resp: 8035

Ion	Ratio	Lower	Upper
43	100		
72	22.0	27.3	40.9#



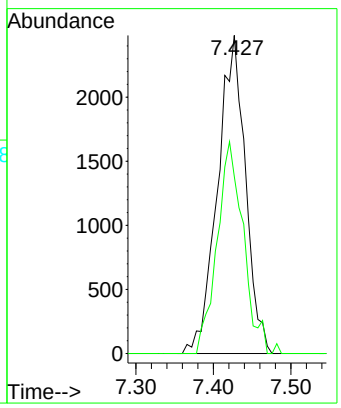


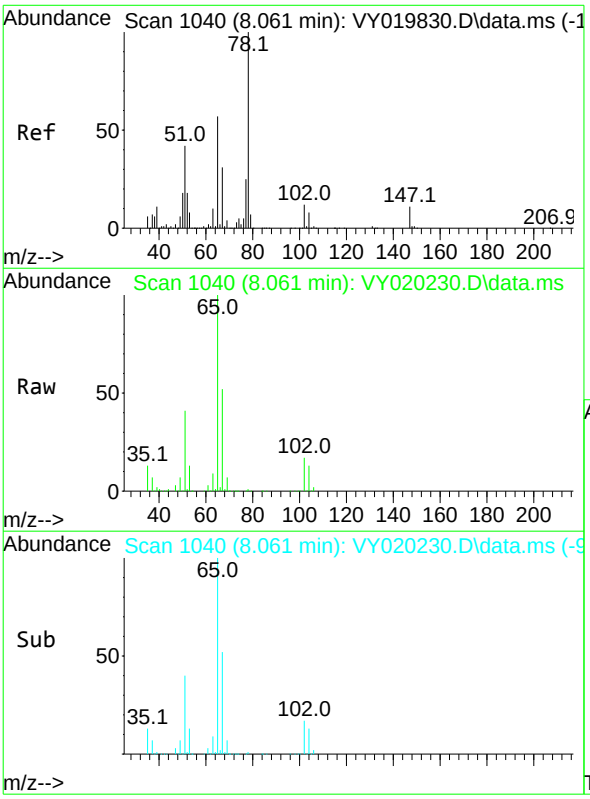
#30
Chloroform
Concen: 1.272 ug/l
RT: 7.427 min Scan# 93
Delta R.T. 0.007 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :
WC-1(5.5)

Tgt Ion: 83 Resp: 6195

Ion	Ratio	Lower	Upper
83	100		
85	55.7	52.2	78.4

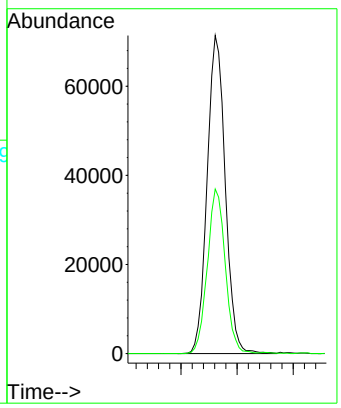


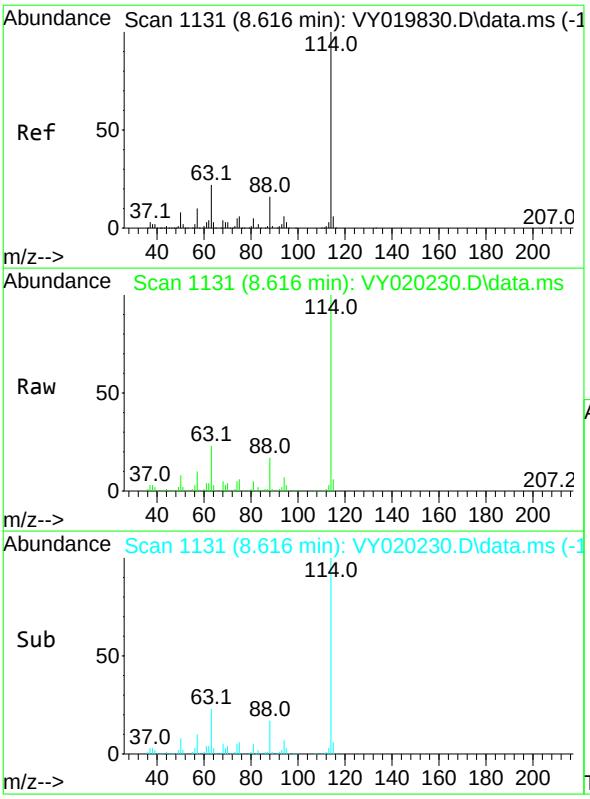


#33
1,2-Dichloroethane-d4
Concen: 61.112 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

Tgt Ion: 65 Resp: 159975

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	109.6



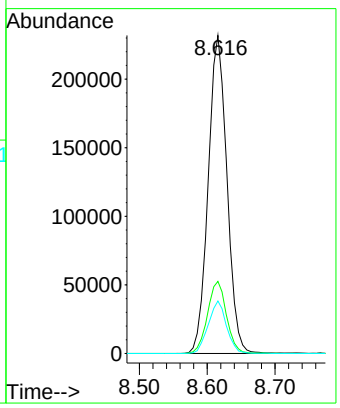


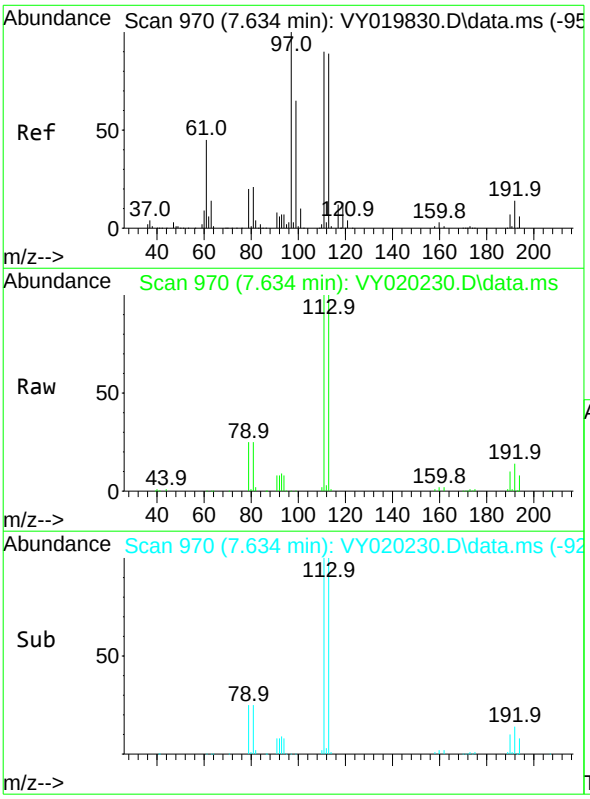
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :
WC-1(5.5)

Tgt Ion:114 Resp: 444878

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	35.0
88	16.5	0.0	27.2

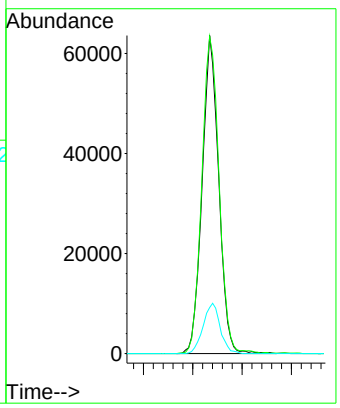


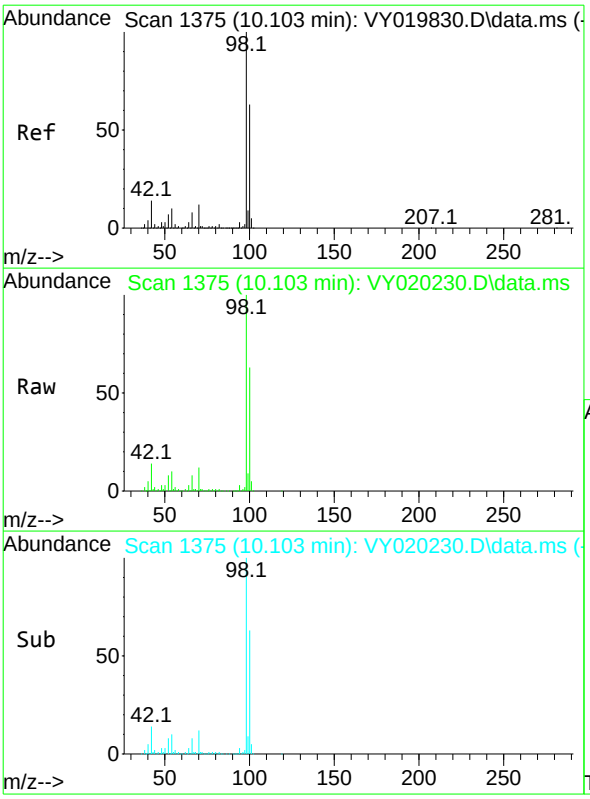


#35
Dibromofluoromethane
Concen: 52.428 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

Tgt Ion:113 Resp: 148294

Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.2	123.4
192	16.3	15.9	23.9



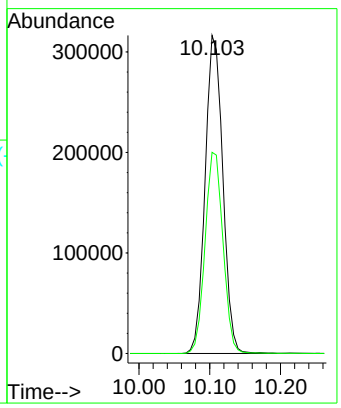


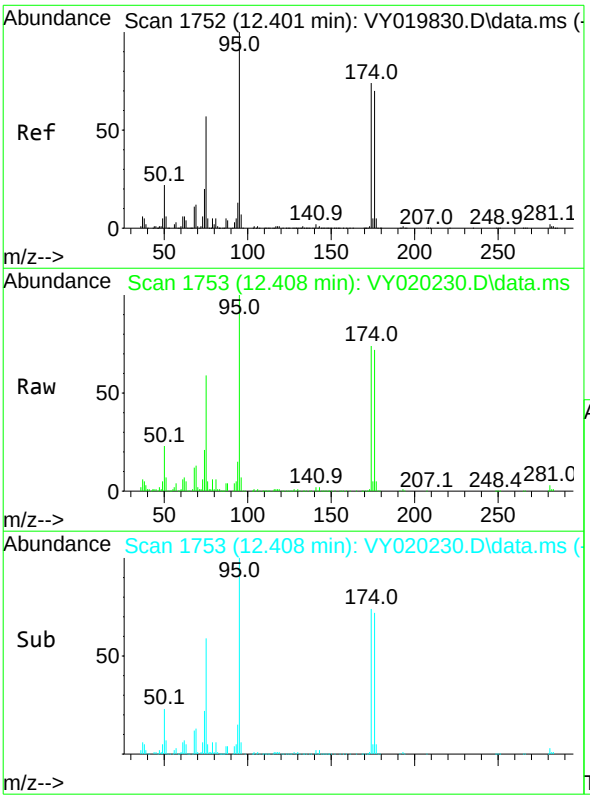
#50
Toluene-d8
Concen: 48.867 ug/l
RT: 10.103 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :
WC-1(5.5)

Tgt Ion: 98 Resp: 550182

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.0	78.0

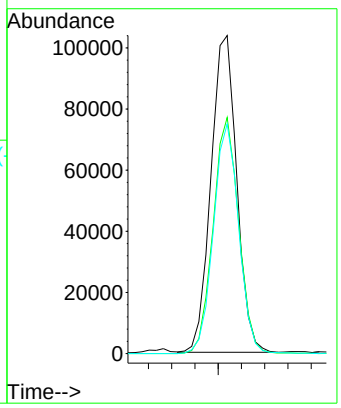


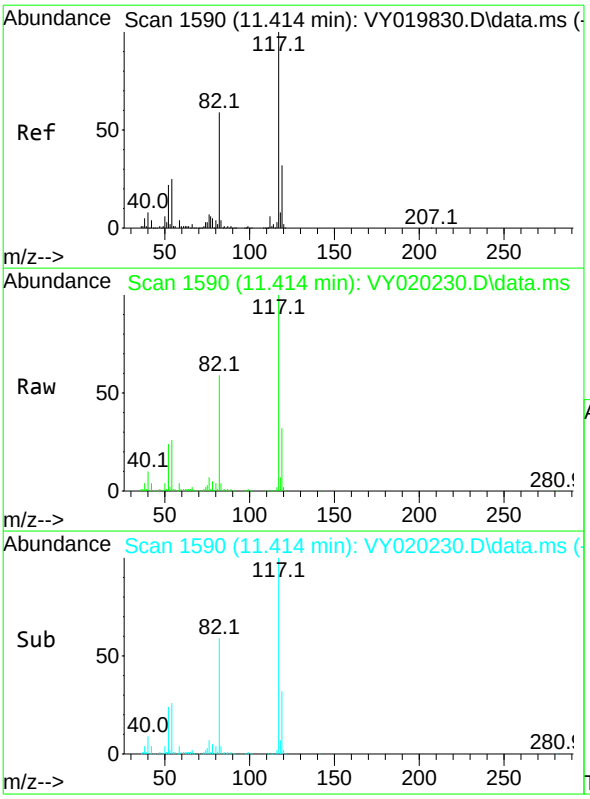


#62
4-Bromofluorobenzene
Concen: 43.691 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

Tgt Ion: 95 Resp: 159777

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	175.6
176	71.0	0.0	171.4



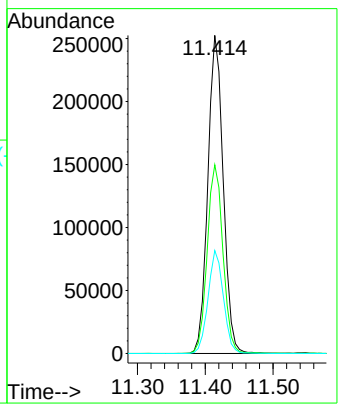


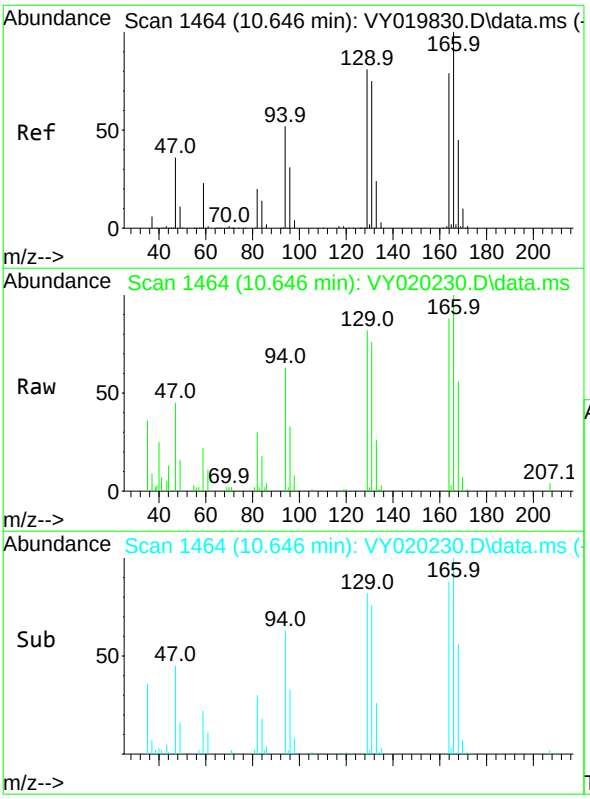
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :
WC-1(5.5)

Tgt Ion:117 Resp: 397795

Ion	Ratio	Lower	Upper
117	100		
82	59.3	42.4	63.6
119	32.4	25.9	38.9

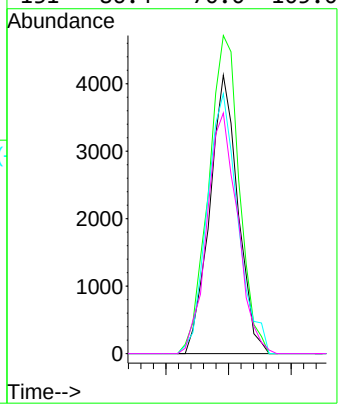


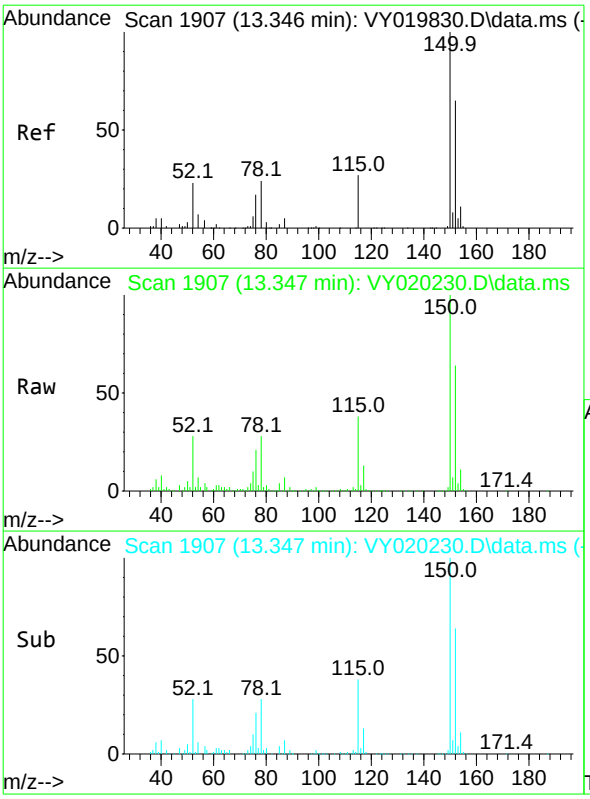


#64
Tetrachloroethene
Concen: 2.461 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

Tgt Ion:164 Resp: 6464

Ion	Ratio	Lower	Upper
164	100		
166	114.2	102.6	154.0
129	93.3	72.0	108.0
131	86.4	70.0	105.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 19
Delta R.T. 0.000 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :
WC-1(5.5)

Tgt Ion:152 Resp: 127098

Ion	Ratio	Lower	Upper
152	100		
115	61.6	28.2	84.7
150	157.7	0.0	345.6