Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
Data File : VY015091.D
Acq On : 14 Aug 2023 19:57
Operator : SY/MD
Sample : 03903-08
Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MW-08

Quant Time: Aug 15 02:24:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	142903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	251510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	246423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	95912	55.912	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.820%			
35) Dibromofluoromethane	7.710	113	79609	49.201	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.400%			
50) Toluene-d8	10.173	98	301174	50.001	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.000%			
62) 4-Bromofluorobenzene	12.477	95	112350	51.068	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.140%			
Target Compounds						Qvalue
16) Acetone	3.948	43	8958	15.985	ug/l	95
20) Methylene Chloride	4.704	84	9506	3.015	ug/l #	83
30) Chloroform	7.503	83	6995	2.620	ug/l	99
39) Methylcyclohexane	9.179	83	8073	4.023	ug/l	97
68) m/p-Xylenes	11.697	106	3787	1.267	ug/l	96

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

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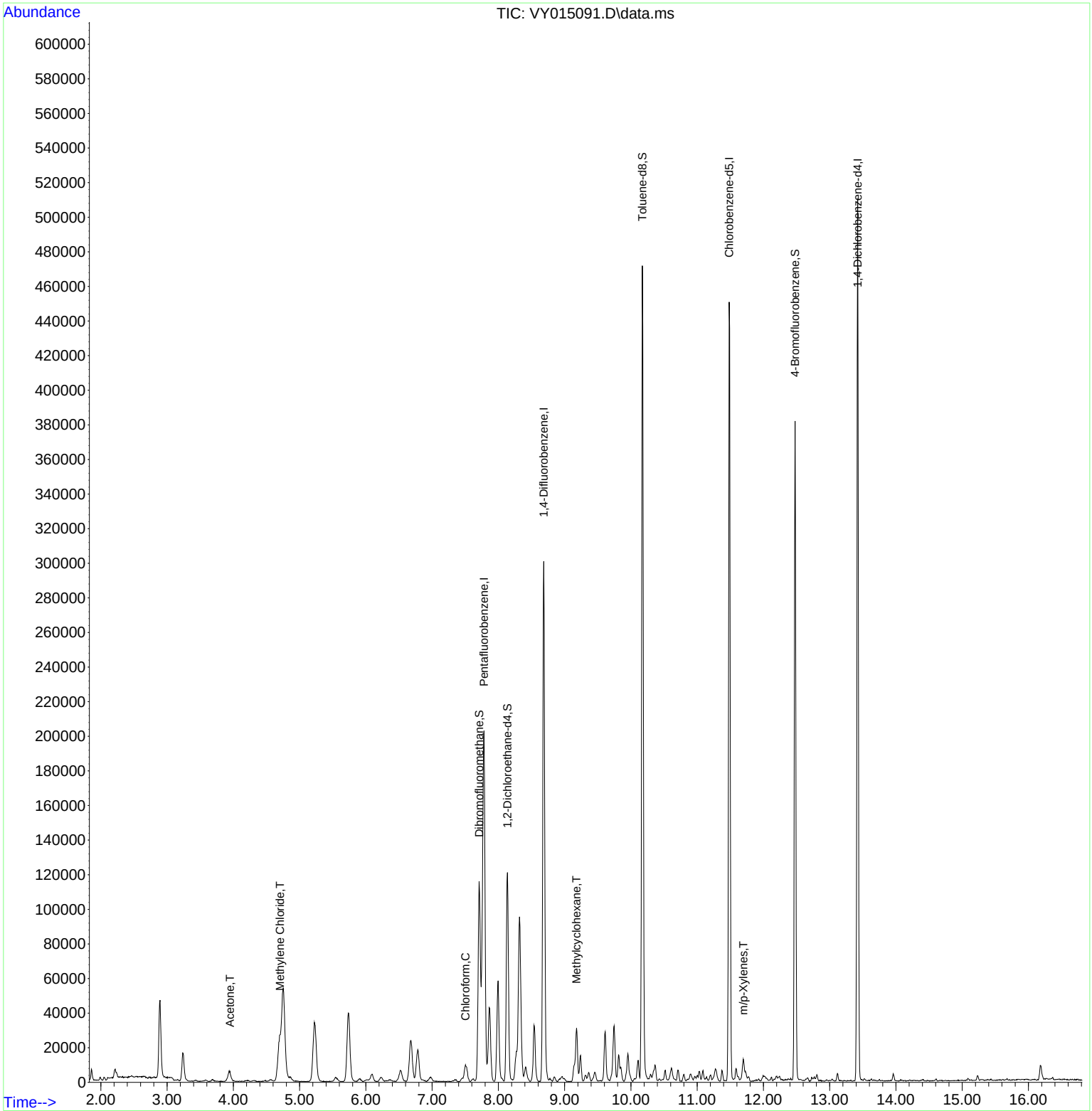
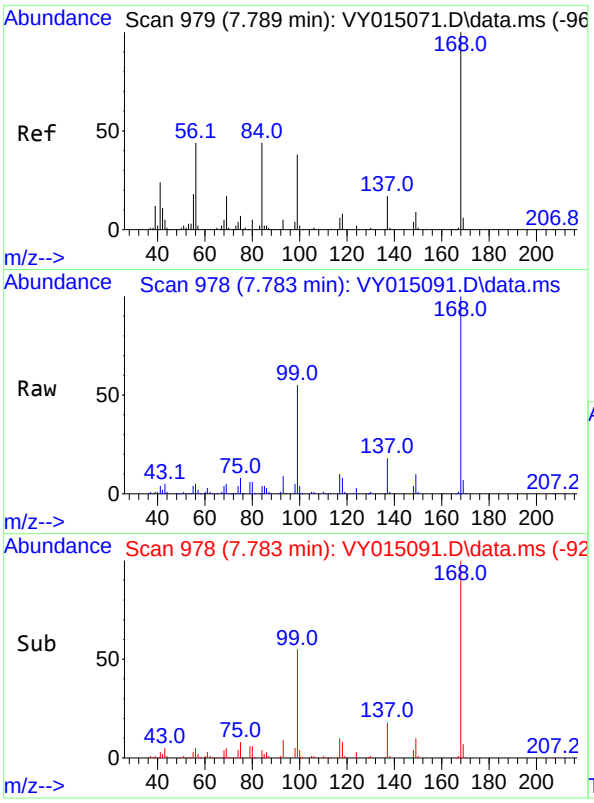


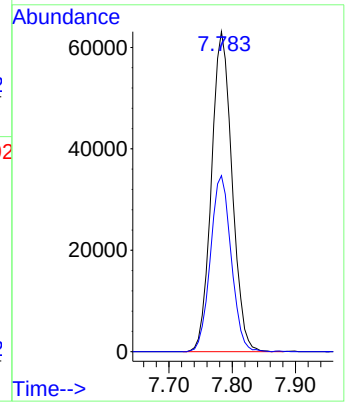


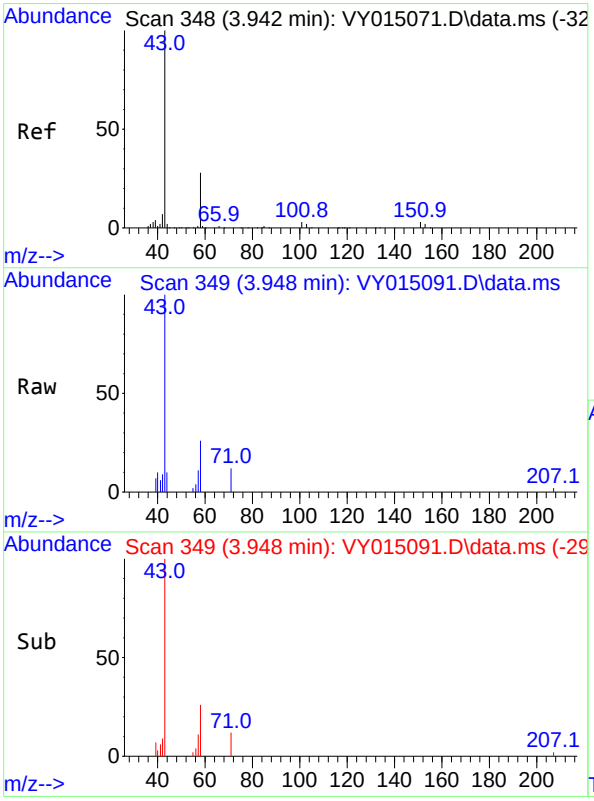
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY015091.D
Acq: 14 Aug 2023 19:57

Instrument :
MSVOA_Y
ClientSampleId :
MW-08

Tgt Ion:168 Resp: 142903

Ion	Ratio	Lower	Upper
168	100		
99	55.0	43.4	65.0

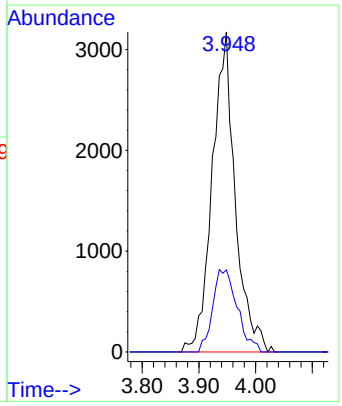


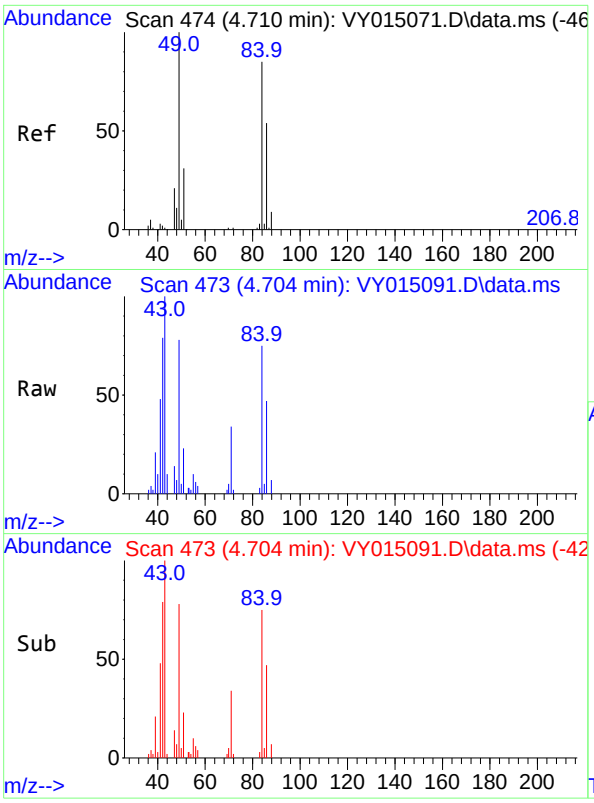


#16
Acetone
Concen: 15.985 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015091.D
Acq: 14 Aug 2023 19:57

Tgt Ion: 43 Resp: 8958

Ion	Ratio	Lower	Upper
43	100		
58	25.6	22.7	34.1



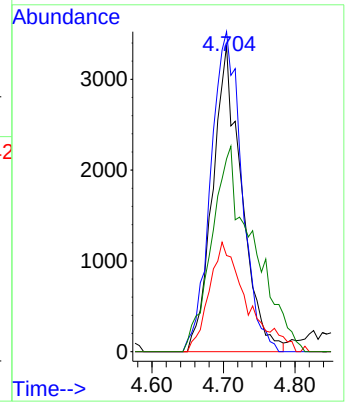


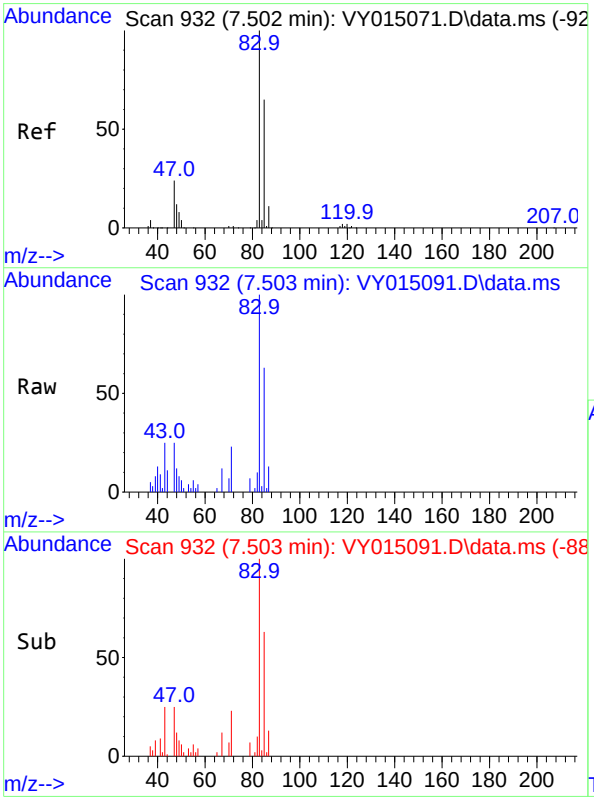
#20
Methylene Chloride
Concen: 3.015 ug/l
RT: 4.704 min Scan# 4
Delta R.T. -0.006 min
Lab File: VY015091.D
Acq: 14 Aug 2023 19:57

Instrument :
MSVOA_Y
ClientSampleId :
MW-08

Tgt Ion: 84 Resp: 9506

Ion	Ratio	Lower	Upper
84	100		
49	104.5	106.9	160.3#
51	31.4	33.2	49.8#
86	62.9	51.0	76.6

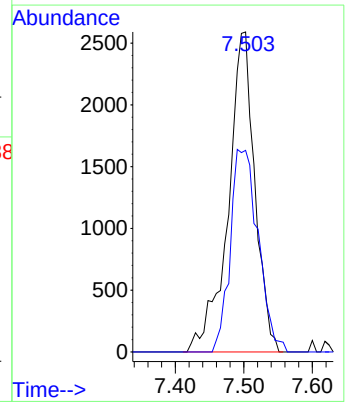


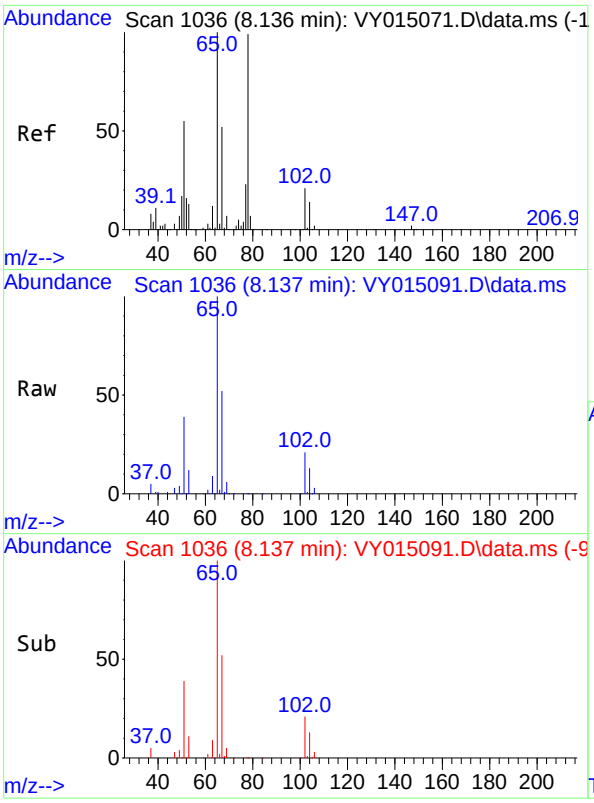


#30
Chloroform
Concen: 2.620 ug/l
RT: 7.503 min Scan# 932
Delta R.T. 0.001 min
Lab File: VY015091.D
Acq: 14 Aug 2023 19:57

Tgt Ion: 83 Resp: 6995

Ion	Ratio	Lower	Upper
83	100		
85	63.0	49.7	74.5



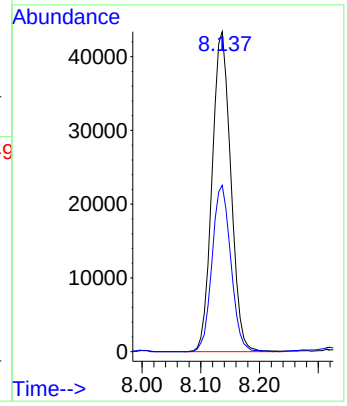


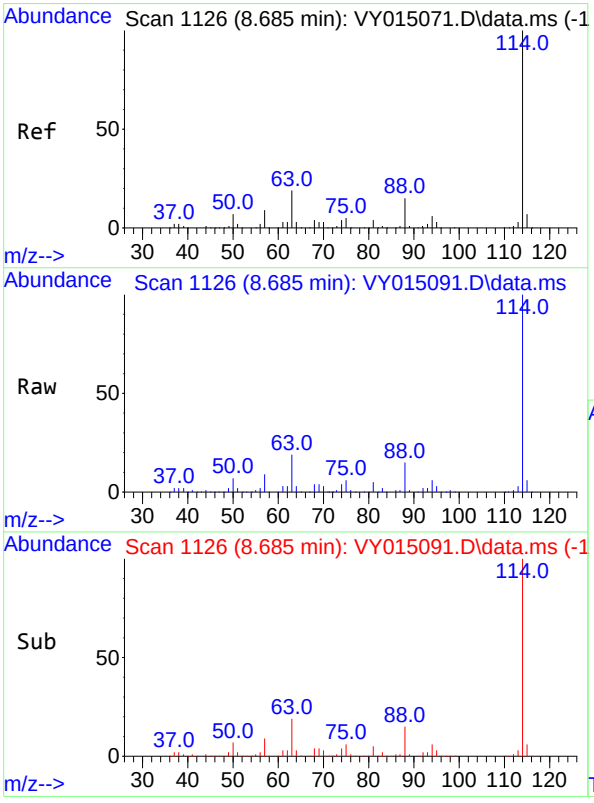
#33
1,2-Dichloroethane-d4
Concen: 55.912 ug/l
RT: 8.137 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015091.D
Acq: 14 Aug 2023 19:57

Instrument :
MSVOA_Y
ClientSampleId :
MW-08

Tgt Ion: 65 Resp: 95912

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	101.8

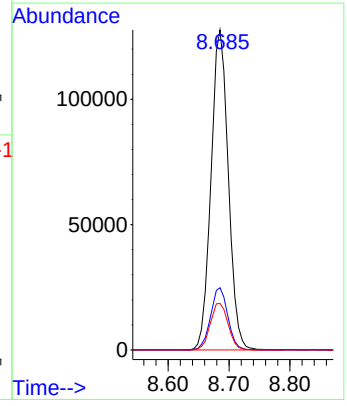


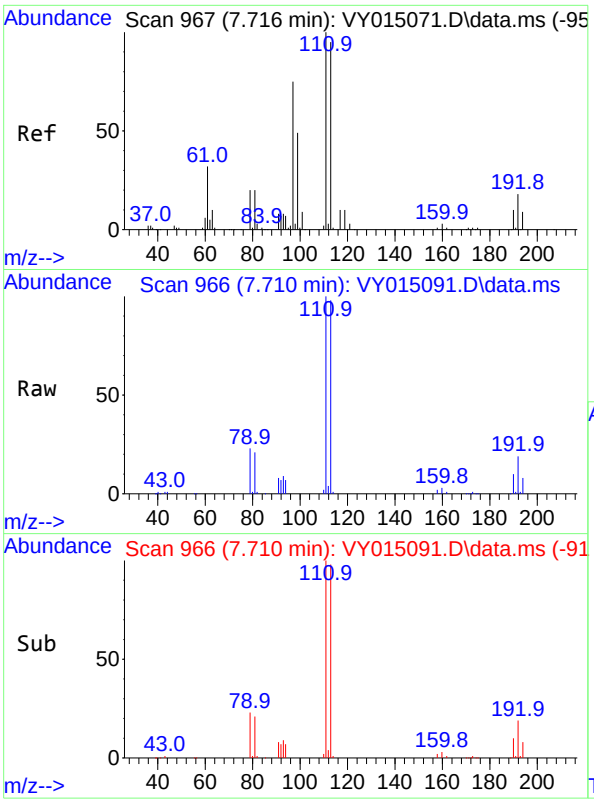


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015091.D
Acq: 14 Aug 2023 19:57

Tgt Ion:114 Resp: 251510

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	42.4
88	14.6	0.0	30.6



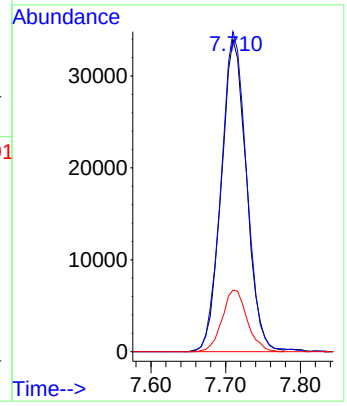


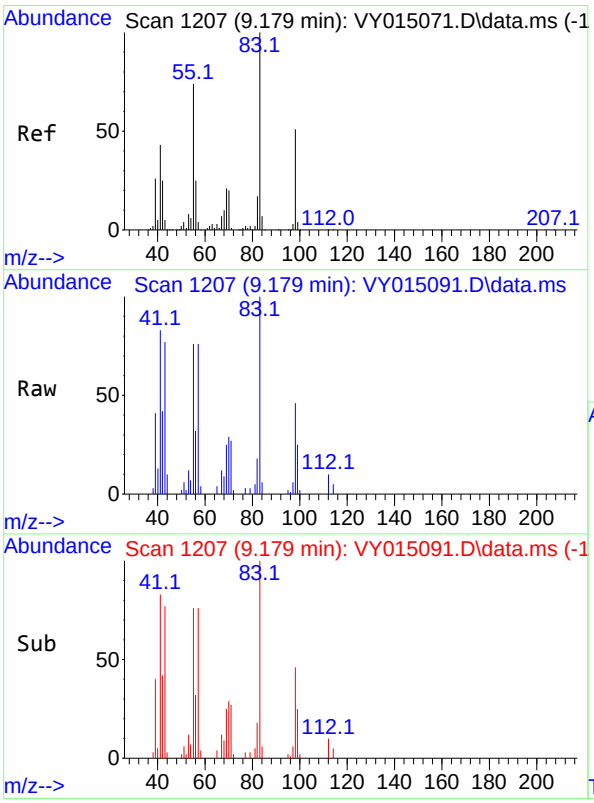
#35
Dibromofluoromethane
Concen: 49.201 ug/l
RT: 7.710 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY015091.D
Acq: 14 Aug 2023 19:57

Instrument :
MSVOA_Y
ClientSampleId :
MW-08

Tgt Ion:113 Resp: 79609

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.3	121.9
192	19.6	16.9	25.3

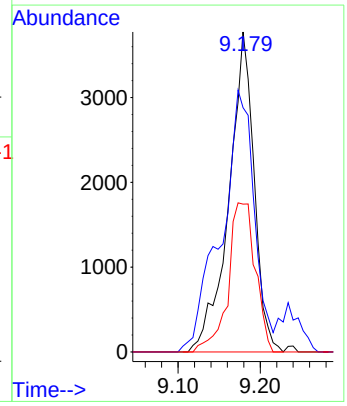


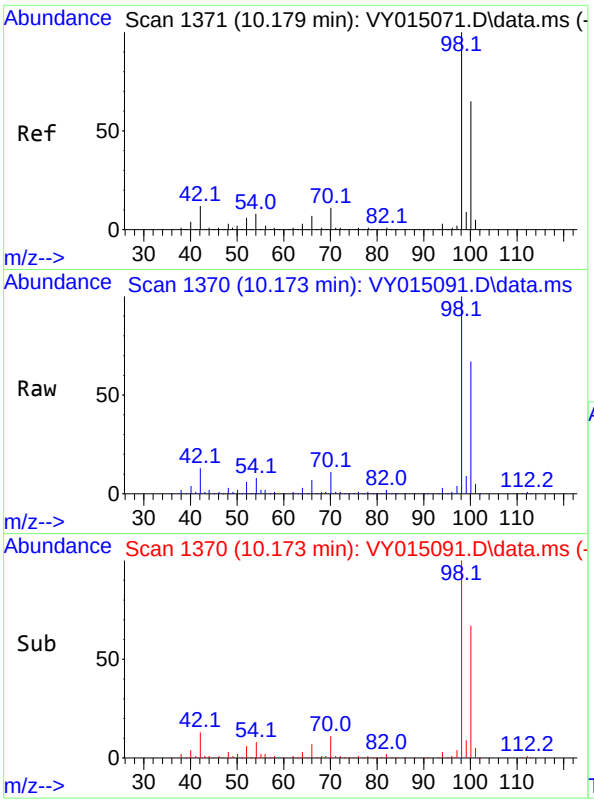


#39
Methylcyclohexane
Concen: 4.023 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY015091.D
Acq: 14 Aug 2023 19:57

Tgt Ion: 83 Resp: 8073

Ion	Ratio	Lower	Upper
83	100		
55	74.5	63.0	94.4
98	46.2	37.4	56.2



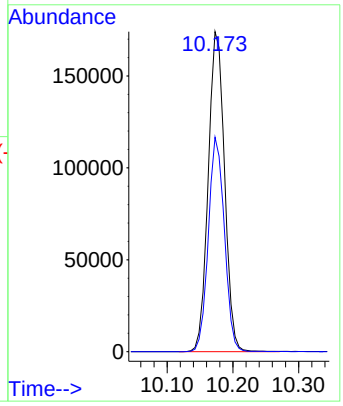


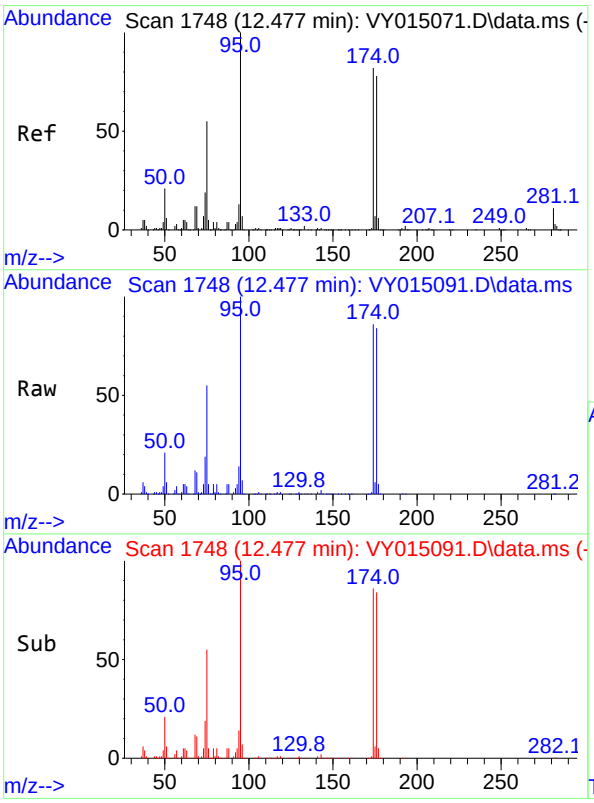
#50
Toluene-d8
Concen: 50.001 ug/l
RT: 10.173 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY015091.D
Acq: 14 Aug 2023 19:57

Instrument :
MSVOA_Y
ClientSampleId :
MW-08

Tgt Ion: 98 Resp: 301174

Ion	Ratio	Lower	Upper
98	100		
100	65.8	50.1	75.1

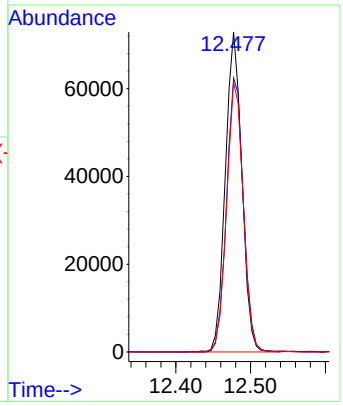


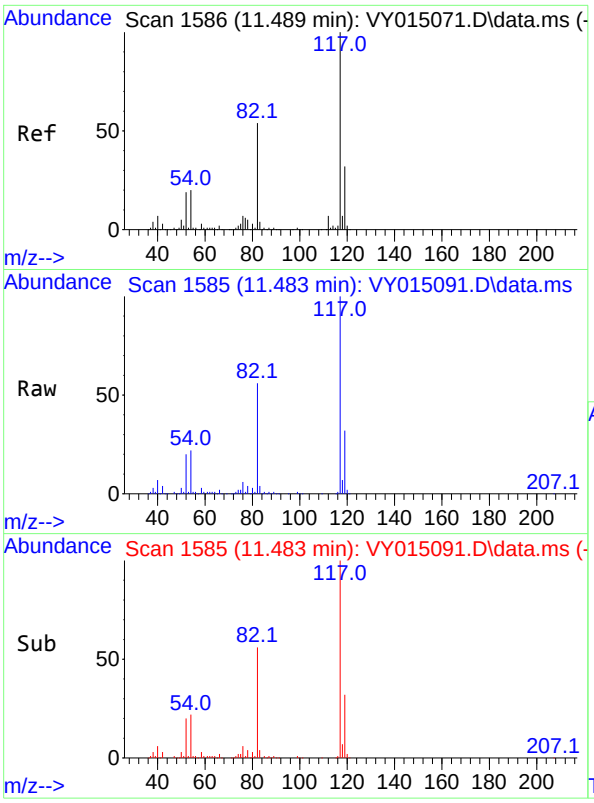


#62
4-Bromofluorobenzene
Concen: 51.068 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015091.D
Acq: 14 Aug 2023 19:57

Tgt Ion: 95 Resp: 112350

Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	178.2
176	84.7	0.0	173.8



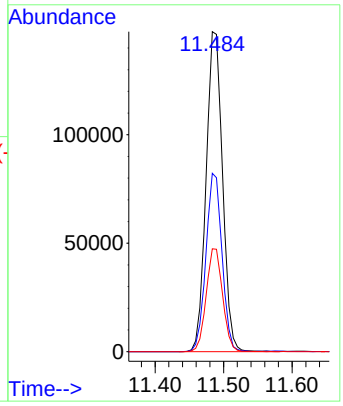


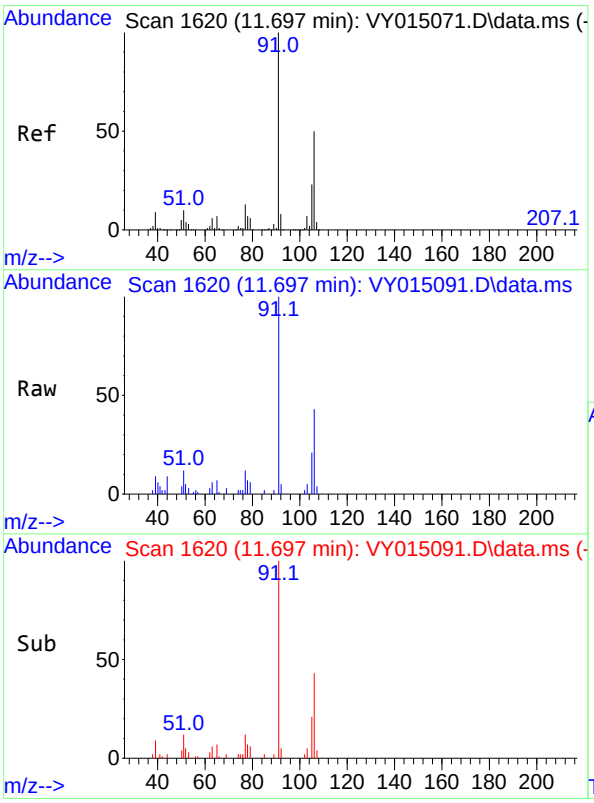
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY015091.D
Acq: 14 Aug 2023 19:57

Instrument :
MSVOA_Y
ClientSampleId :
MW-08

Tgt Ion:117 Resp: 246423

Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.4	65.0
119	32.1	26.3	39.5

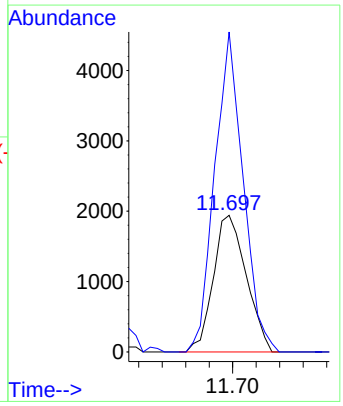


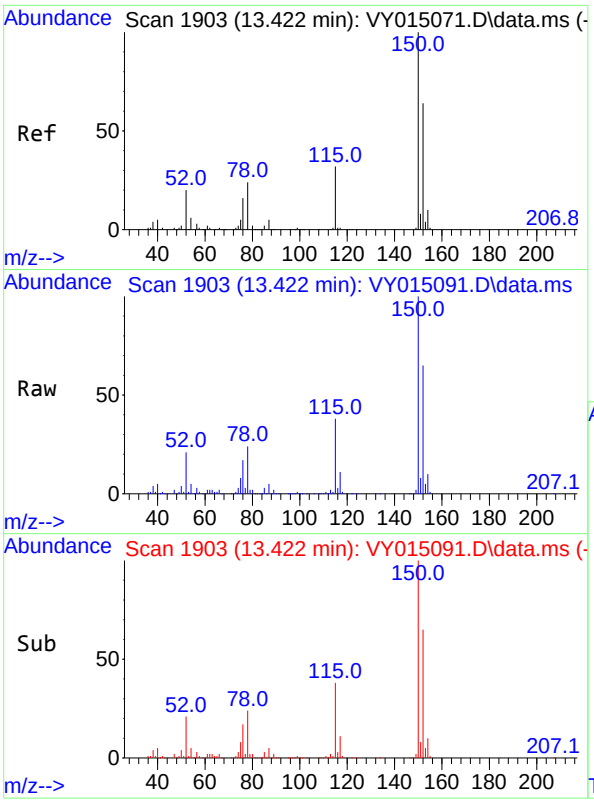


#68
m/p-Xylenes
Concen: 1.267 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015091.D
Acq: 14 Aug 2023 19:57

Tgt Ion:106 Resp: 3787

Ion	Ratio	Lower	Upper
106	100		
91	202.0	166.1	249.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015091.D
Acq: 14 Aug 2023 19:57

Instrument :
MSVOA_Y
ClientSampleId :
MW-08

Tgt Ion:152 Resp: 126820

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.8	86.5
150	154.2	0.0	348.8