Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008644.D
Acq On : 05 May 2022 04:48
Operator : KP/MD
Sample : N2665-07
Misc : 8.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-4,16

Quant Time: May 05 06:53:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 01:57:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	53521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	176253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	192672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	37201	71.515	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 143.040%			
35) Dibromofluoromethane	7.716	113	35278	30.249	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 60.500%			
50) Toluene-d8	10.179	98	135115	32.701	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 65.400%			
62) 4-Bromofluorobenzene	12.483	95	54895	36.248	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 72.500%			
Target Compounds						Qvalue
30) Chloroform	7.503	83	1215	1.108	ug/l	97
31) Cyclohexane	7.783	56	1257	1.400	ug/l #	8
68) m/p-Xylenes	11.697	106	13117	4.112	ug/l	88
69) o-Xylene	12.026	106	4679	1.531	ug/l	87

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

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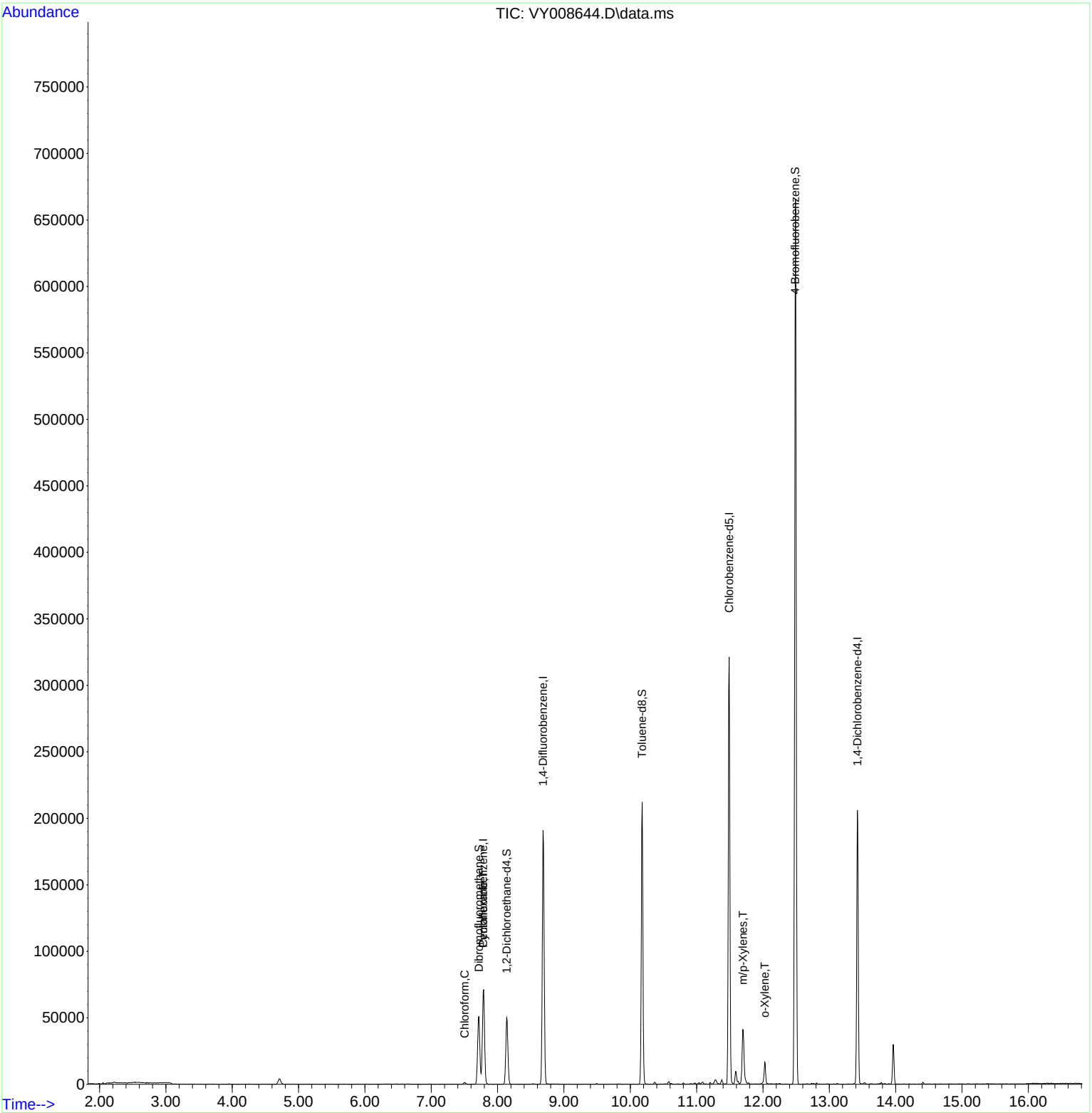
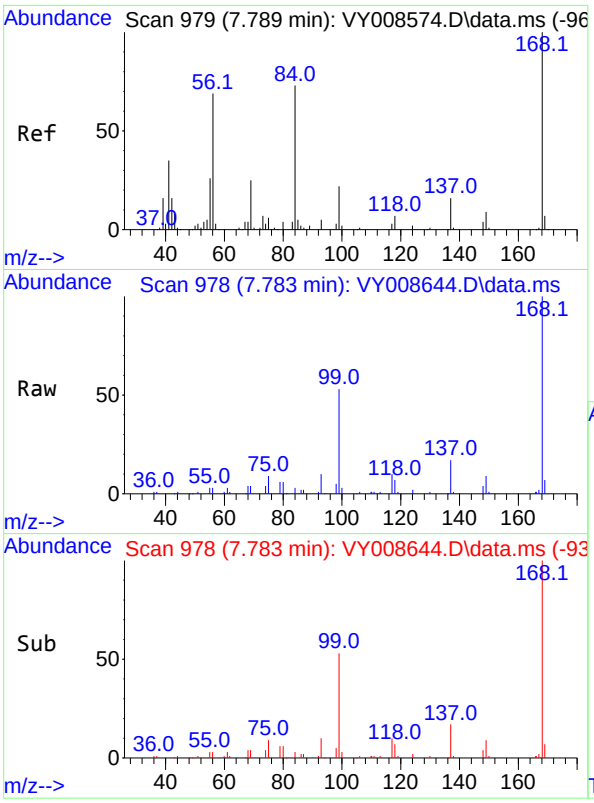


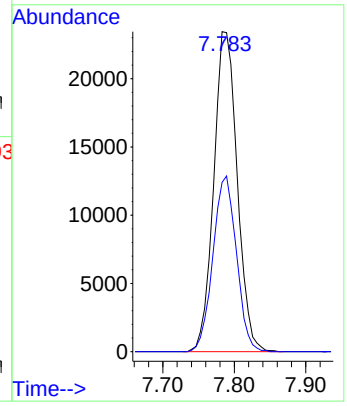


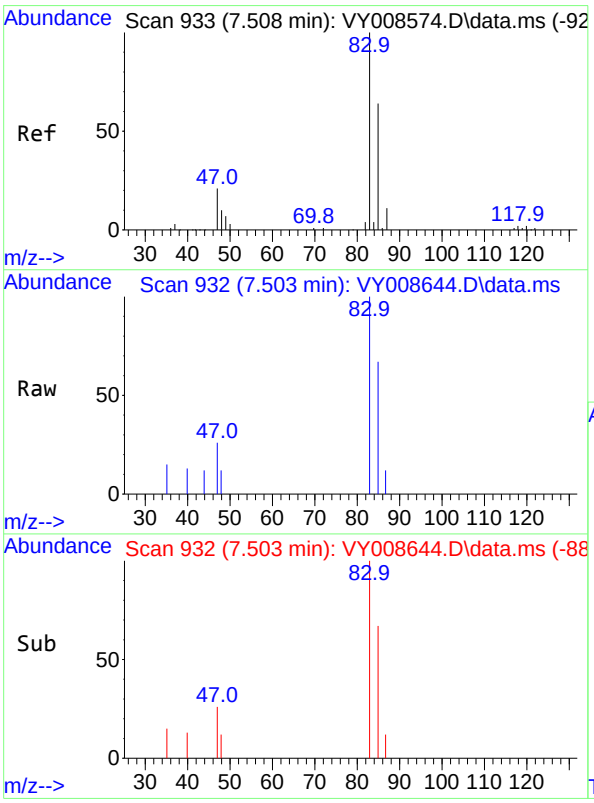
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

Instrument :
MSVOA_Y
ClientSampleId :
SB-4,16

Tgt Ion:168 Resp: 53521

Ion	Ratio	Lower	Upper
168	100		
99	52.9	46.9	70.3

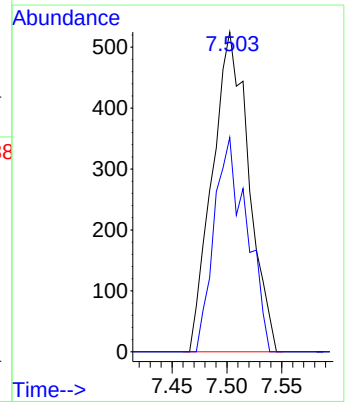


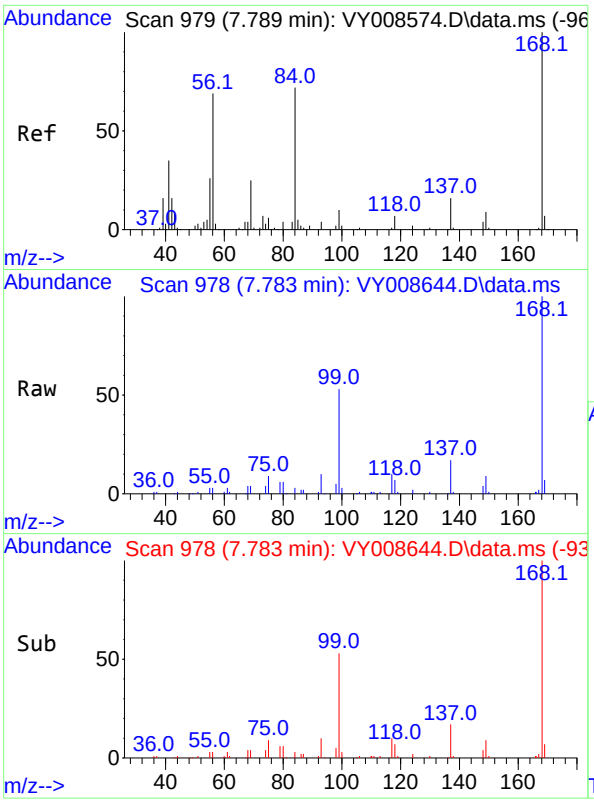


#30
Chloroform
Concen: 1.108 ug/l
RT: 7.503 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

Tgt Ion: 83 Resp: 1215

Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.8	77.6



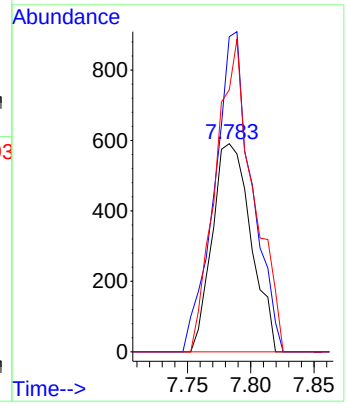


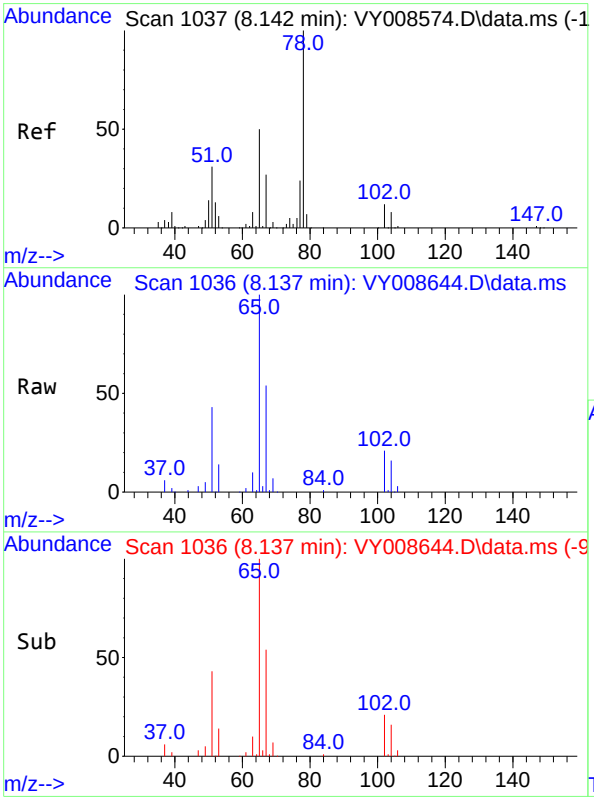
#31
Cyclohexane
Concen: 1.400 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

Instrument :
MSVOA_Y
ClientSampleId :
SB-4,16

Tgt Ion: 56 Resp: 1257

Ion	Ratio	Lower	Upper
56	100		
69	151.4	26.7	40.1#
84	125.9	67.2	100.8#

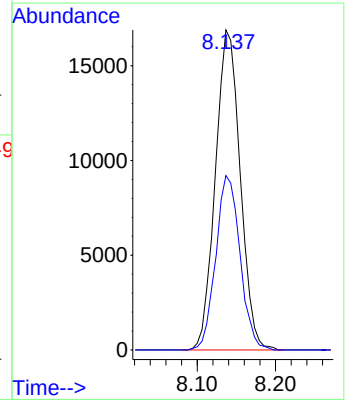


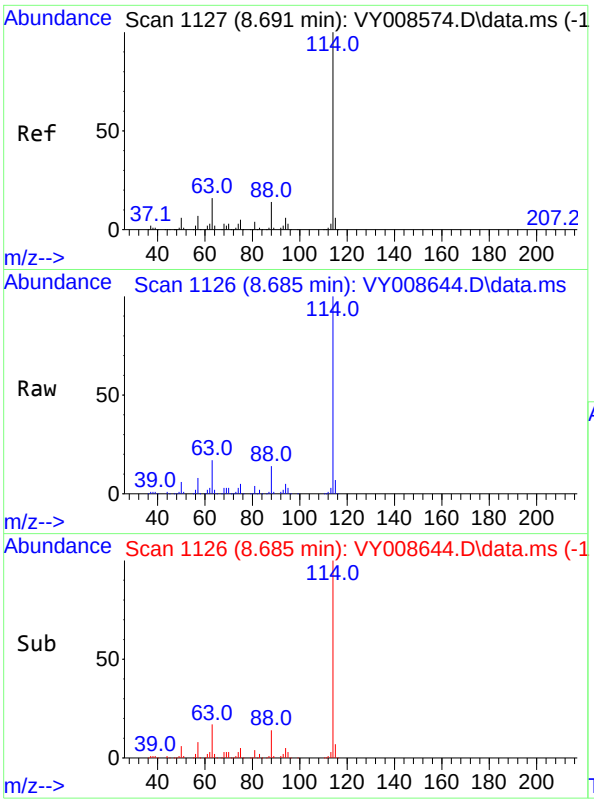


#33
1,2-Dichloroethane-d4
Concen: 71.515 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

Tgt Ion: 65 Resp: 37201

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	99.4



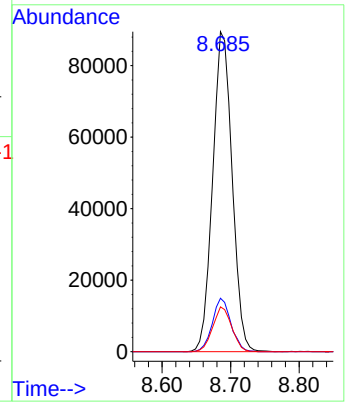


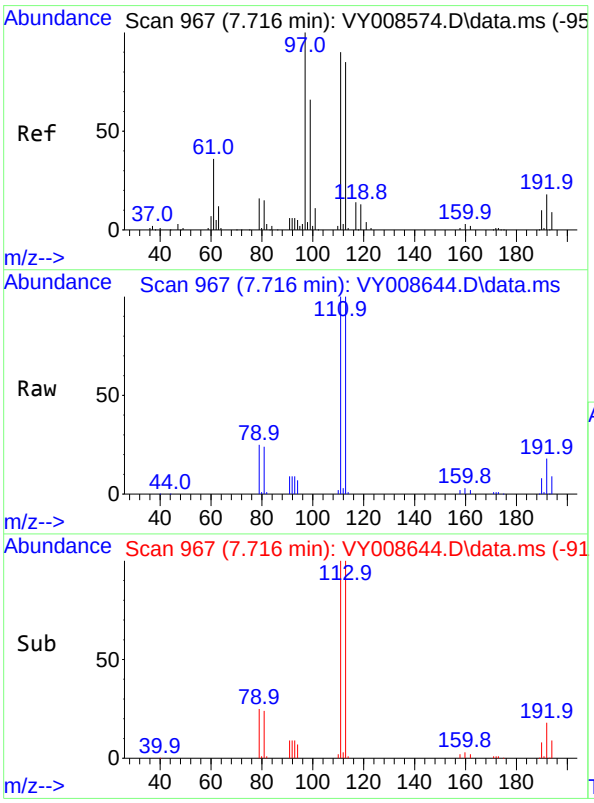
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

Instrument :
MSVOA_Y
ClientSampleId :
SB-4,16

Tgt Ion:114 Resp: 176253

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	43.2
88	14.0	0.0	31.8

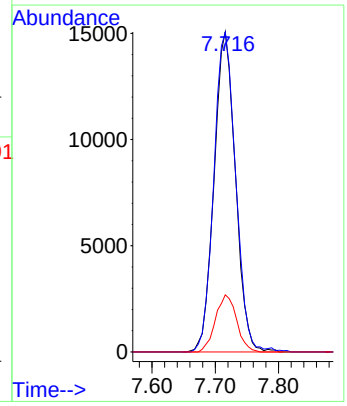


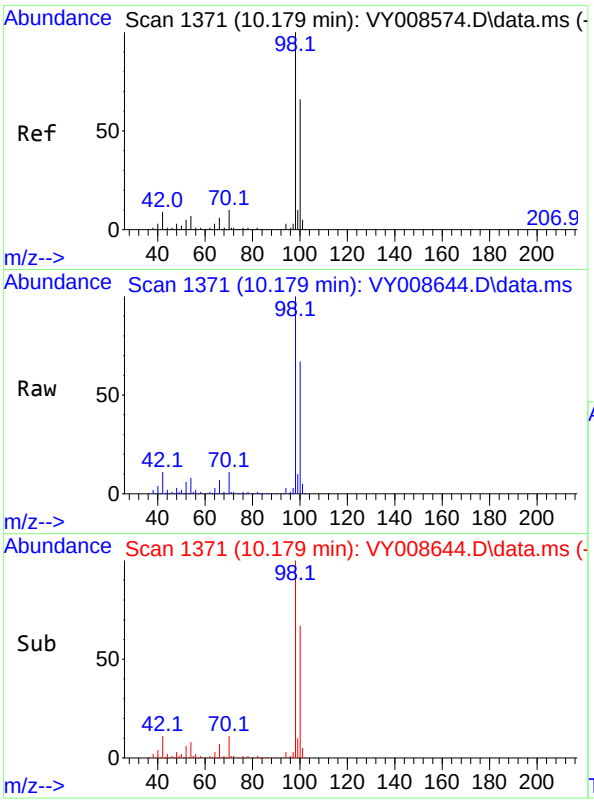


#35
Dibromofluoromethane
Concen: 30.249 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

Tgt Ion:113 Resp: 35278

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	124.0
192	17.6	17.6	26.4



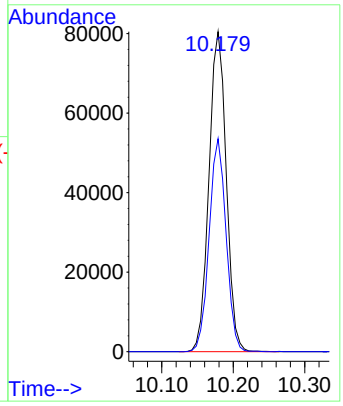


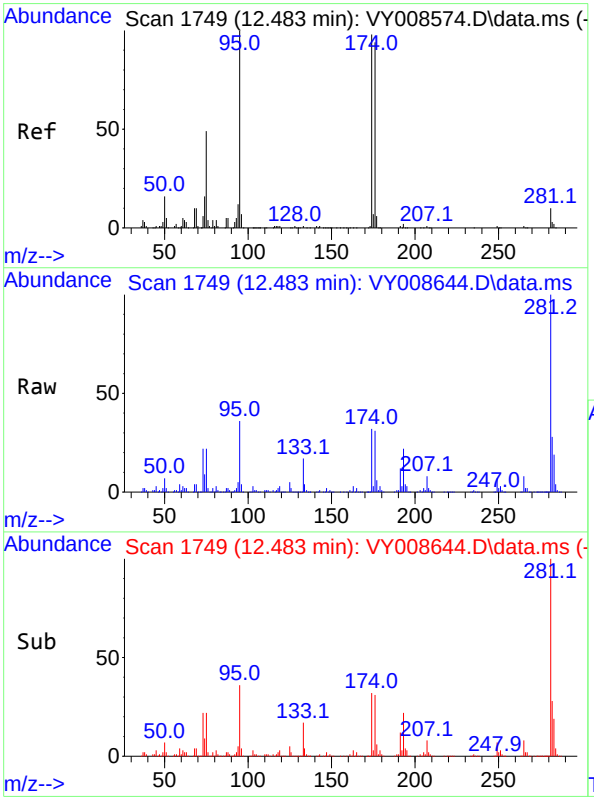
#50
Toluene-d8
Concen: 32.701 ug/l
RT: 10.179 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

Instrument :
MSVOA_Y
ClientSampleId :
SB-4,16

Tgt Ion: 98 Resp: 135115

Ion	Ratio	Lower	Upper
98	100		
100	65.3	50.2	75.2

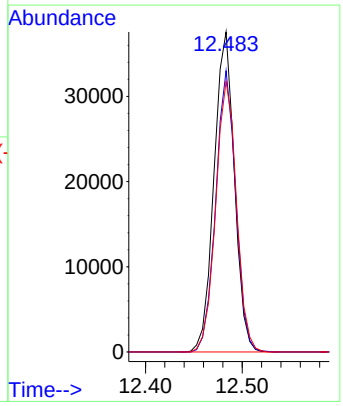


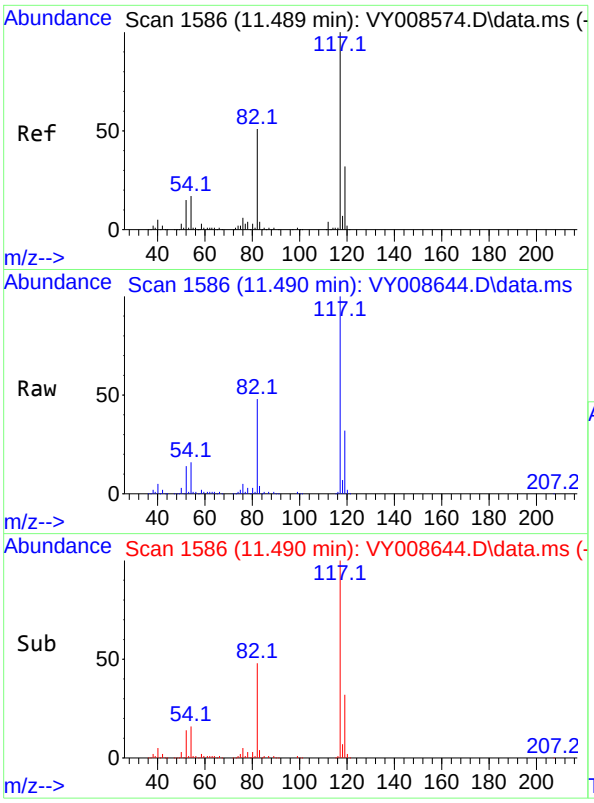


#62
4-Bromofluorobenzene
Concen: 36.248 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

Tgt Ion: 95 Resp: 54895

Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	177.0
176	86.2	0.0	175.8



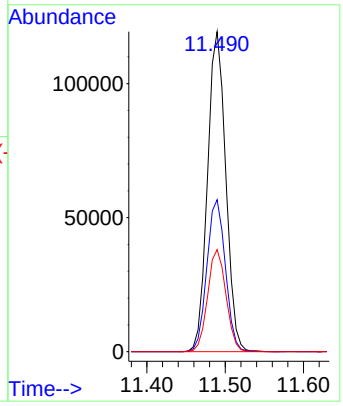


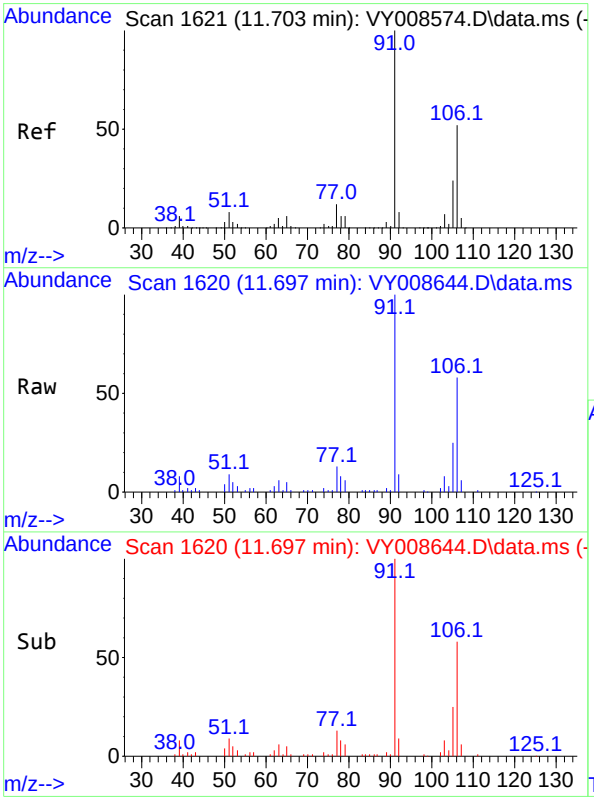
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

Instrument :
MSVOA_Y
ClientSampleId :
SB-4,16

Tgt Ion:117 Resp: 192672

Ion	Ratio	Lower	Upper
117	100		
82	47.5	43.0	64.4
119	31.9	25.4	38.0

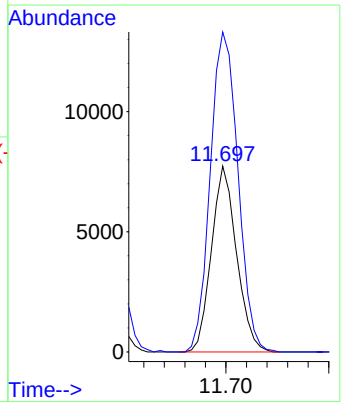


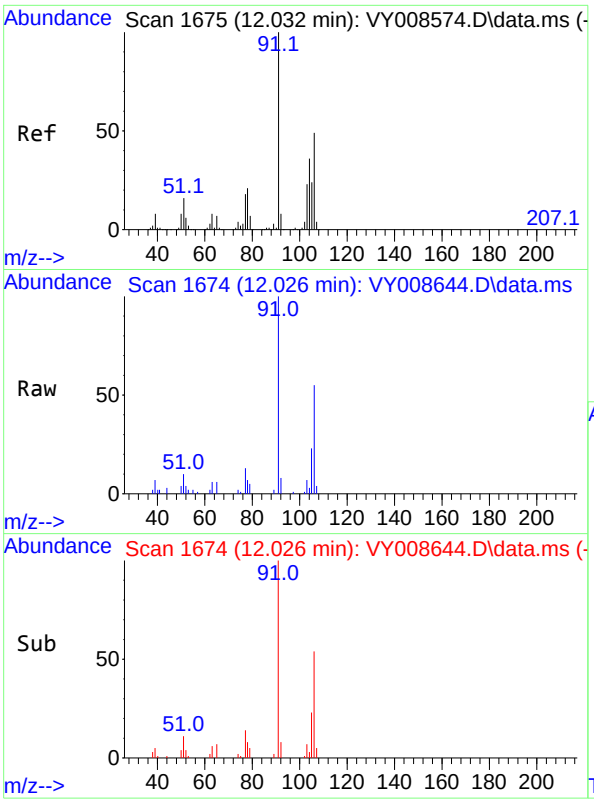


#68
m/p-Xylenes
Concen: 4.112 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

Tgt Ion:106 Resp: 13117

Ion	Ratio	Lower	Upper
106	100		
91	189.4	166.6	249.8



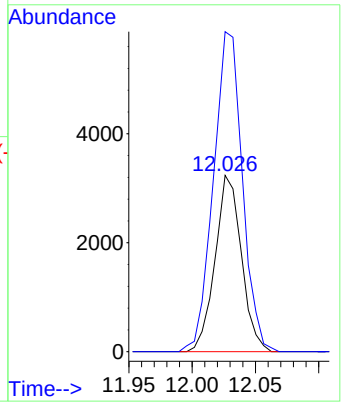


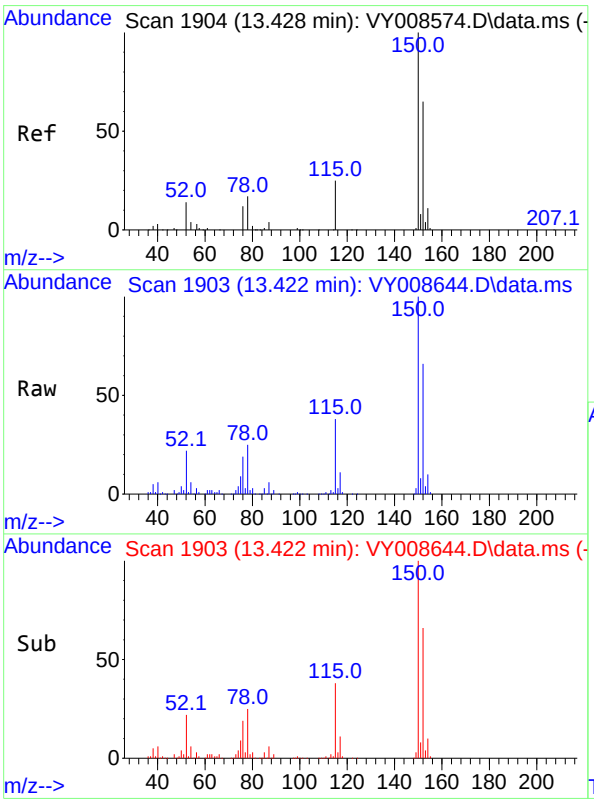
#69
o-Xylene
Concen: 1.531 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

Instrument :
MSVOA_Y
ClientSampleId :
SB-4,16

Tgt Ion:106 Resp: 4679

Ion	Ratio	Lower	Upper
106	100		
91	199.7	110.3	331.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

Tgt Ion:152 Resp: 51671

Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.2	84.7
150	159.4	0.0	347.6