Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
Data File : VY016944.D
Acq On : 09 Jan 2024 13:27
Operator : SY/MD
Sample : P1070-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-010824

Quant Time: Jan 10 02:25:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.813	168	7377	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	10570	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	7724	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.453	152	1585	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	2148	29.460	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 58.920%			
35) Dibromofluoromethane	7.740	113	2467	36.626	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 73.260%			
50) Toluene-d8	10.203	98	9247	39.868	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 79.740%			
62) 4-Bromofluorobenzene	12.501	95	1759	22.478	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 44.960%			
Target Compounds						Qvalue
52) Toluene	10.270	92	380	2.138	ug/l	97
68) m/p-Xylenes	11.721	106	330	3.103	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.142	105	643	6.378	ug/l	94

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

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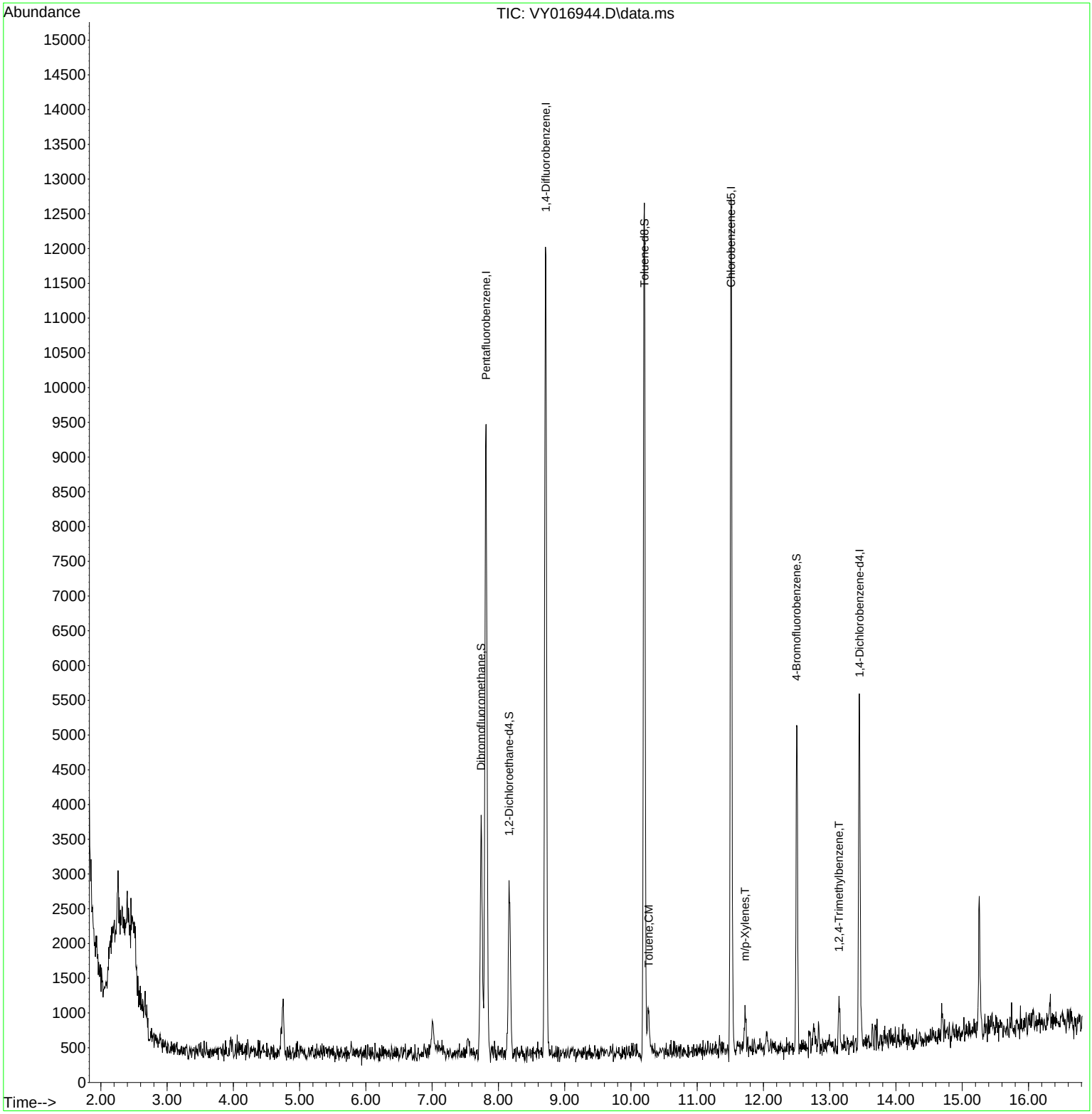
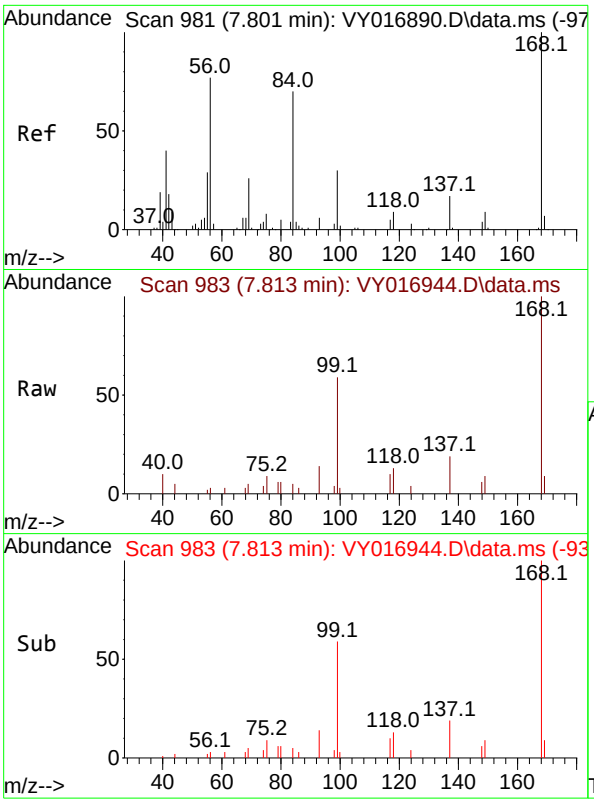


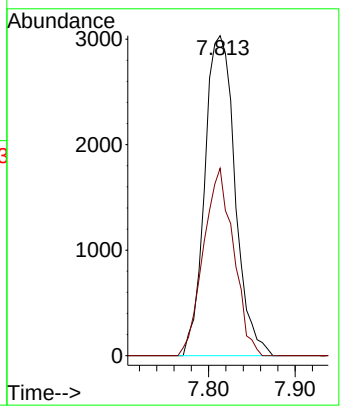


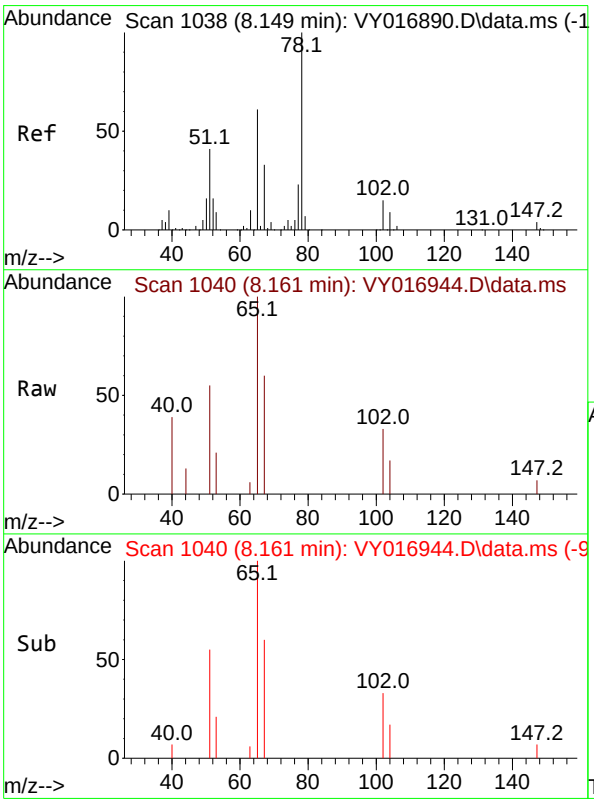
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY016944.D
Acq: 09 Jan 2024 13:27

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-010824

Tgt Ion:168 Resp: 7377

Ion	Ratio	Lower	Upper
168	100		
99	58.6	44.2	66.4

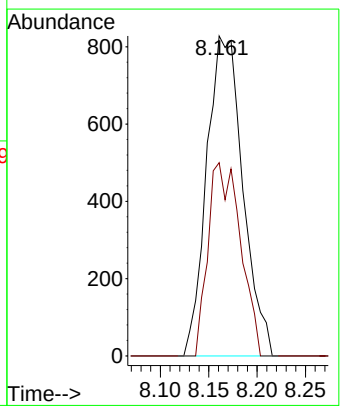


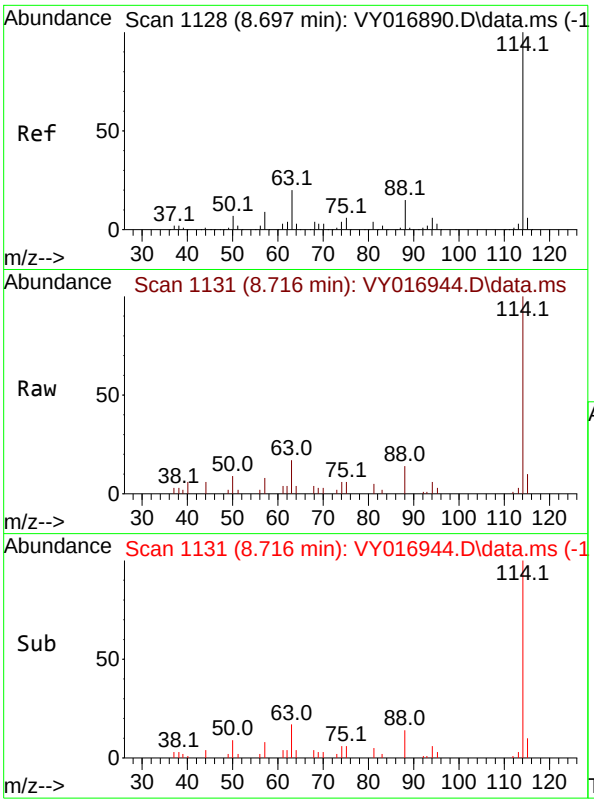


#33
1,2-Dichloroethane-d4
Concen: 29.460 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016944.D
Acq: 09 Jan 2024 13:27

Tgt Ion: 65 Resp: 2148

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	109.0



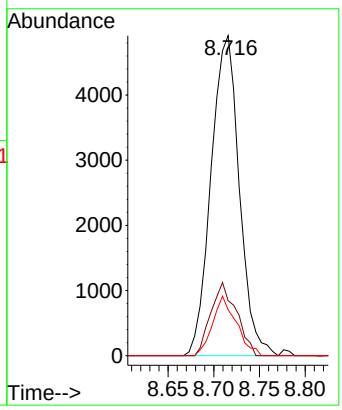


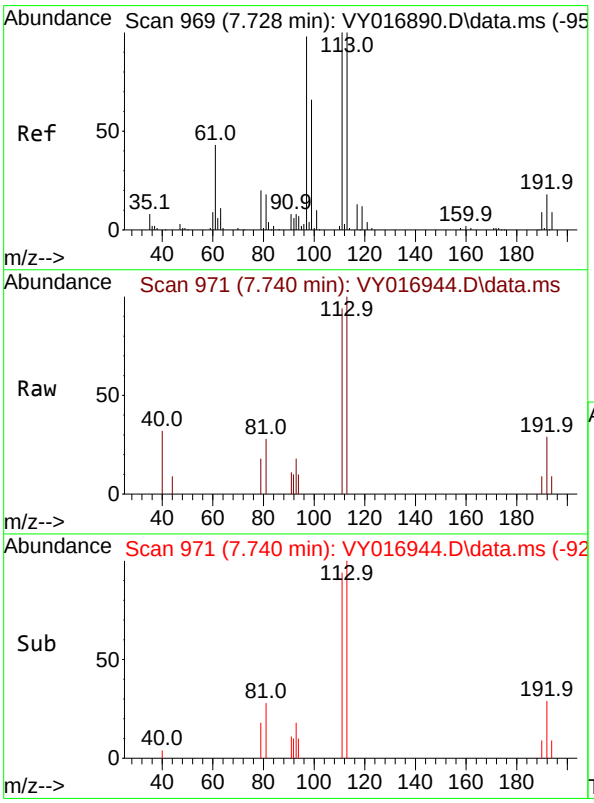
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.716 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY016944.D
Acq: 09 Jan 2024 13:27

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-010824

Tgt Ion:114 Resp: 10570

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	37.4
88	14.3	0.0	29.0

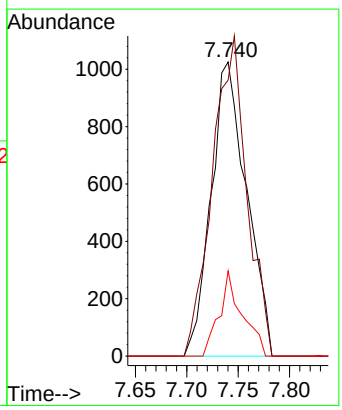


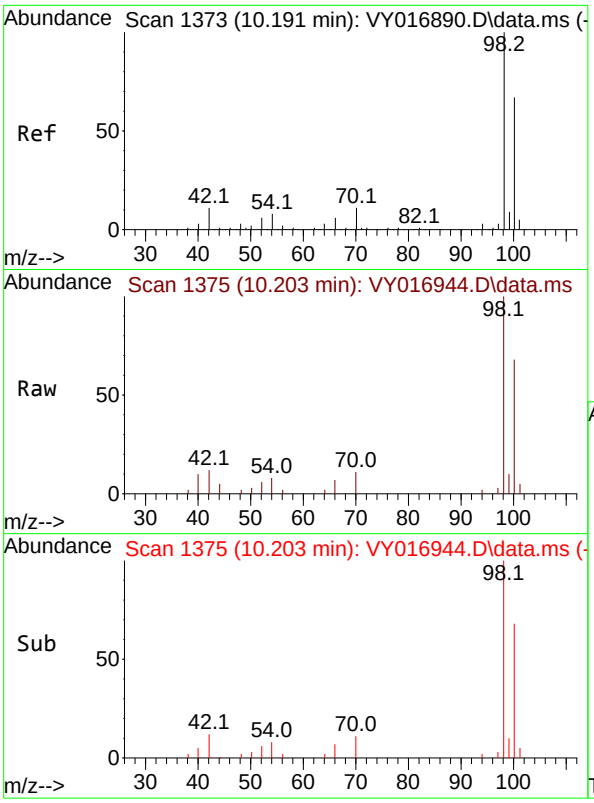


#35
Dibromofluoromethane
Concen: 36.626 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.012 min
Lab File: VY016944.D
Acq: 09 Jan 2024 13:27

Tgt Ion:113 Resp: 2467

Ion	Ratio	Lower	Upper
113	100		
111	105.4	83.8	125.6
192	18.6	14.5	21.7



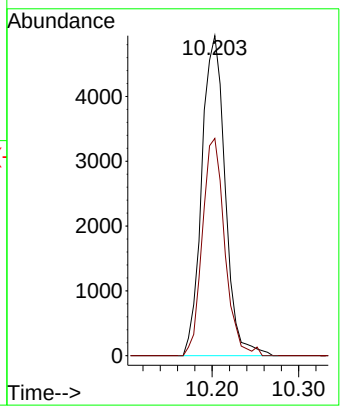


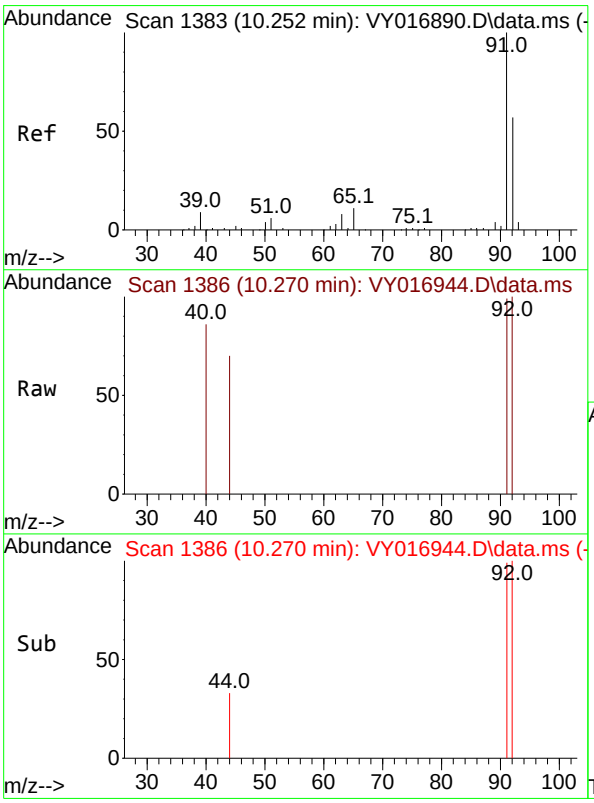
#50
Toluene-d8
Concen: 39.868 ug/l
RT: 10.203 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY016944.D
Acq: 09 Jan 2024 13:27

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-010824

Tgt Ion: 98 Resp: 9247

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.3	78.5

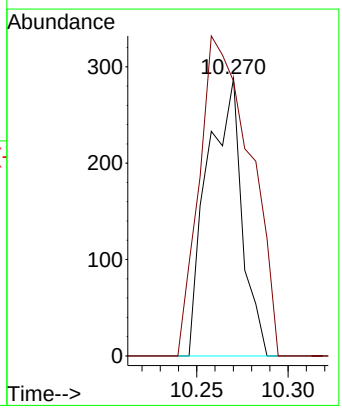


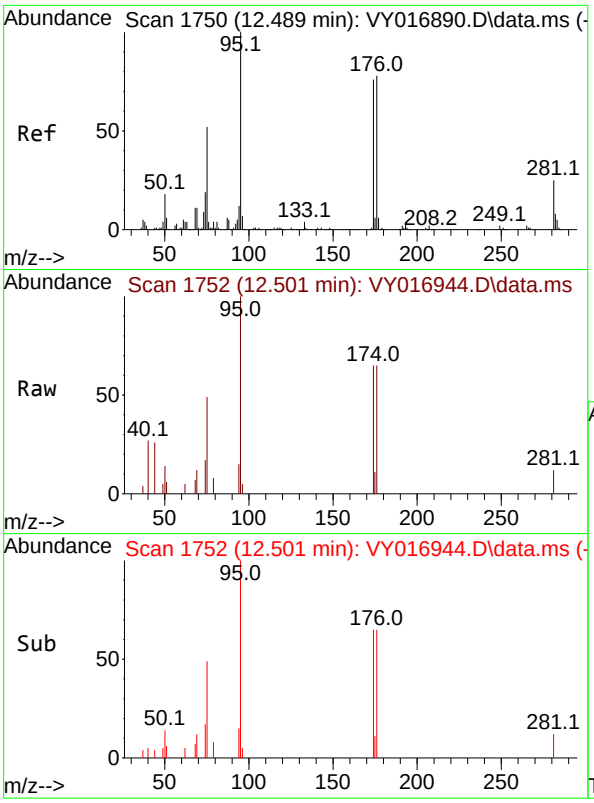


#52
Toluene
Concen: 2.138 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.018 min
Lab File: VY016944.D
Acq: 09 Jan 2024 13:27

Tgt Ion: 92 Resp: 380

Ion	Ratio	Lower	Upper
92	100		
91	168.4	137.6	206.4



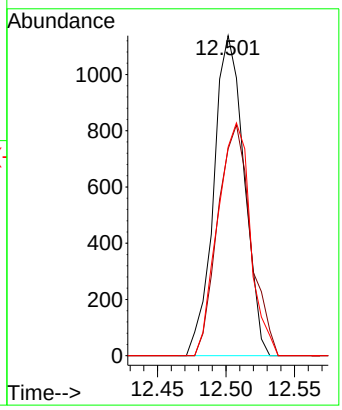


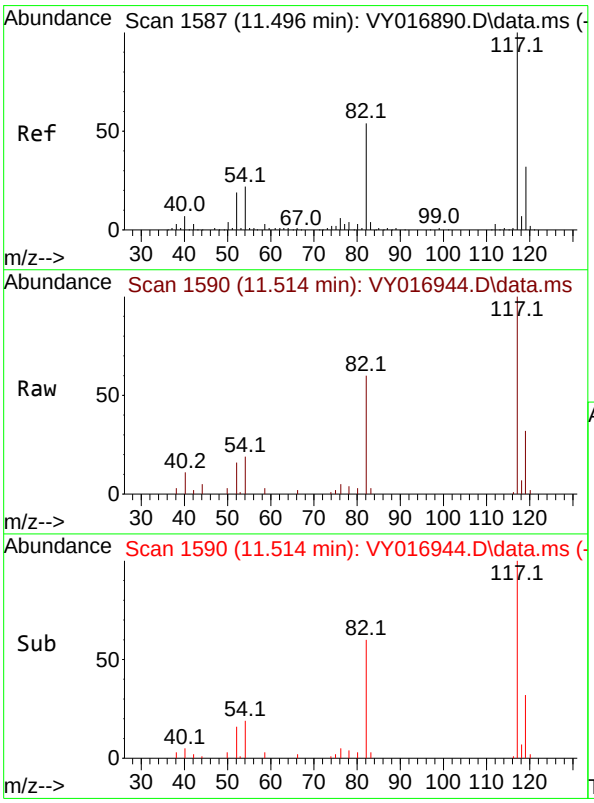
#62
4-Bromofluorobenzene
Concen: 22.478 ug/l
RT: 12.501 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY016944.D
Acq: 09 Jan 2024 13:27

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-010824

Tgt Ion: 95 Resp: 1759

Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	160.0
176	77.8	0.0	151.8

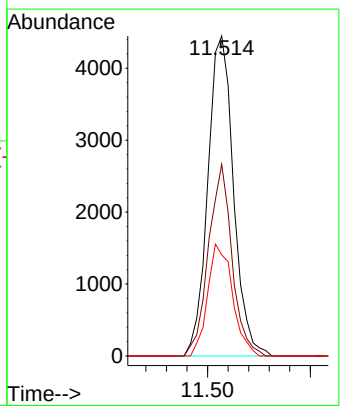


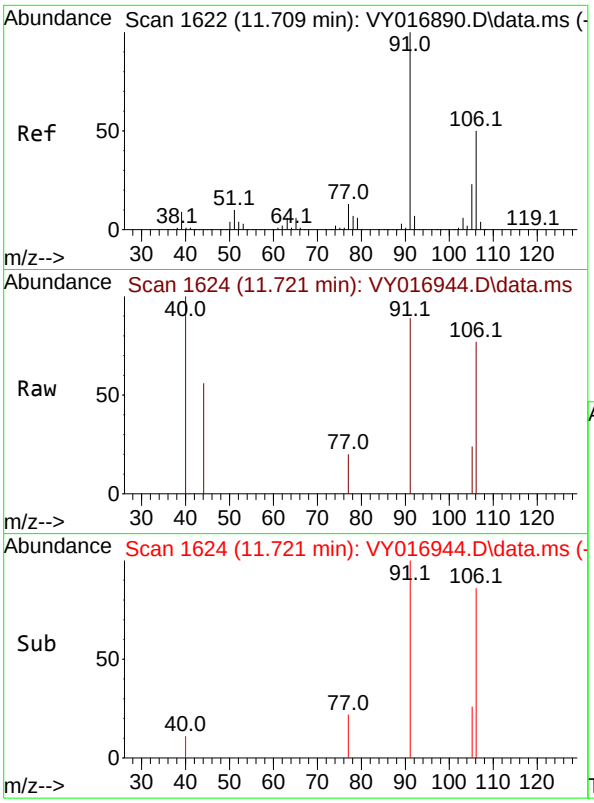


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016944.D
Acq: 09 Jan 2024 13:27

Tgt Ion:117 Resp: 7724

Ion	Ratio	Lower	Upper
117	100		
82	59.9	43.8	65.8
119	31.6	26.5	39.7



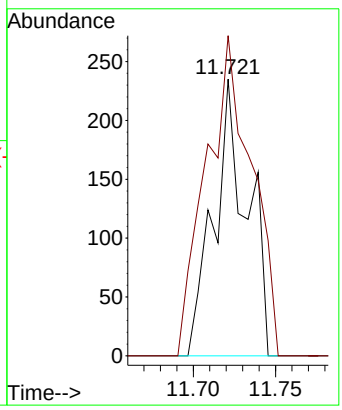


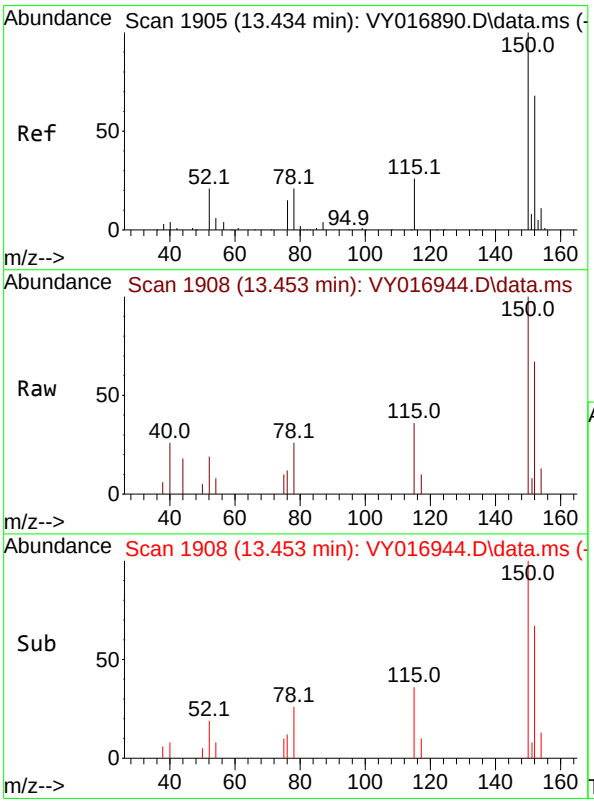
#68
m/p-Xylenes
Concen: 3.103 ug/l
RT: 11.721 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY016944.D
Acq: 09 Jan 2024 13:27

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-010824

Tgt Ion:106 Resp: 330

Ion	Ratio	Lower	Upper
106	100		
91	158.2	160.7	241.1#

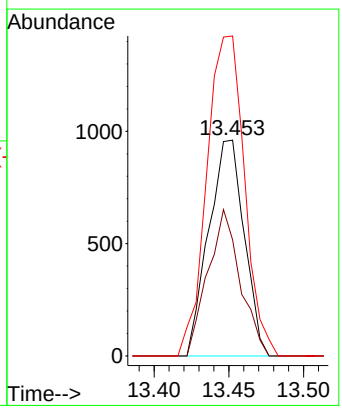


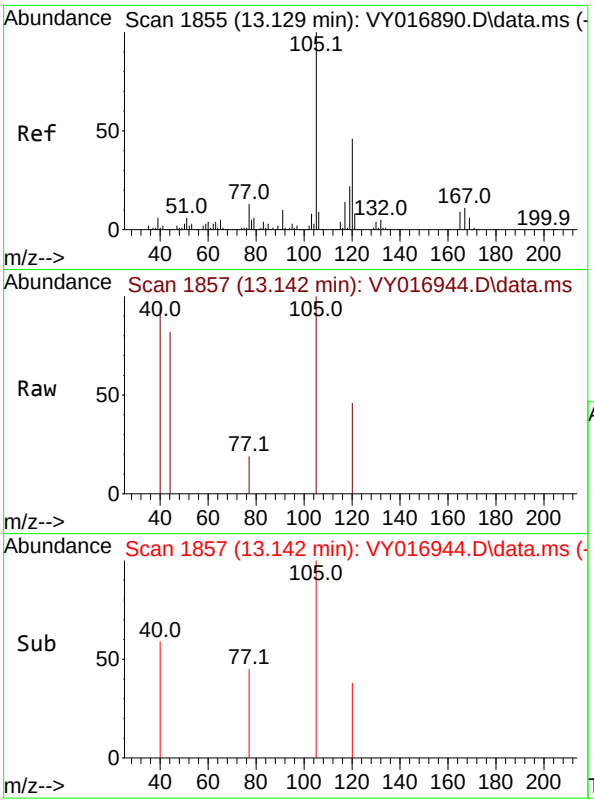


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.019 min
Lab File: VY016944.D
Acq: 09 Jan 2024 13:27

Tgt Ion:152 Resp: 1585

Ion	Ratio	Lower	Upper
152	100		
115	61.9	30.0	90.0
150	157.7	0.0	344.6





#84
1,2,4-Trimethylbenzene
Concen: 6.378 ug/l
RT: 13.142 min Scan# 1
Delta R.T. 0.013 min
Lab File: VY016944.D
Acq: 09 Jan 2024 13:27

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-010824

Tgt Ion:105 Resp: 643

Ion	Ratio	Lower	Upper
105	100		
120	40.6	22.1	66.3