Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
Data File : VN081252.D
Acq On : 28 Feb 2024 18:53
Operator : JC\MD
Sample : P1587-02 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1823-A

Quant Time: Feb 28 23:30:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	306595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	580940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	512075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	218132	58.045	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.080%			
35) Dibromofluoromethane	8.171	113	167550	51.004	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.000%			
50) Toluene-d8	10.570	98	639750	54.831	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.660%			
62) 4-Bromofluorobenzene	12.853	95	203997	46.531	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.060%			
Target Compounds						Qvalue
44) Trichloroethene	9.359	130	2212	0.510	ug/l	83
52) Toluene	10.629	92	7562	0.733	ug/l	98
68) m/p-Xylenes	12.070	106	3843	0.506	ug/l	85
69) o-Xylene	12.406	106	1698	0.225	ug/l	80
84) 1,2,4-Trimethylbenzene	13.482	105	3912	0.276	ug/l	96

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

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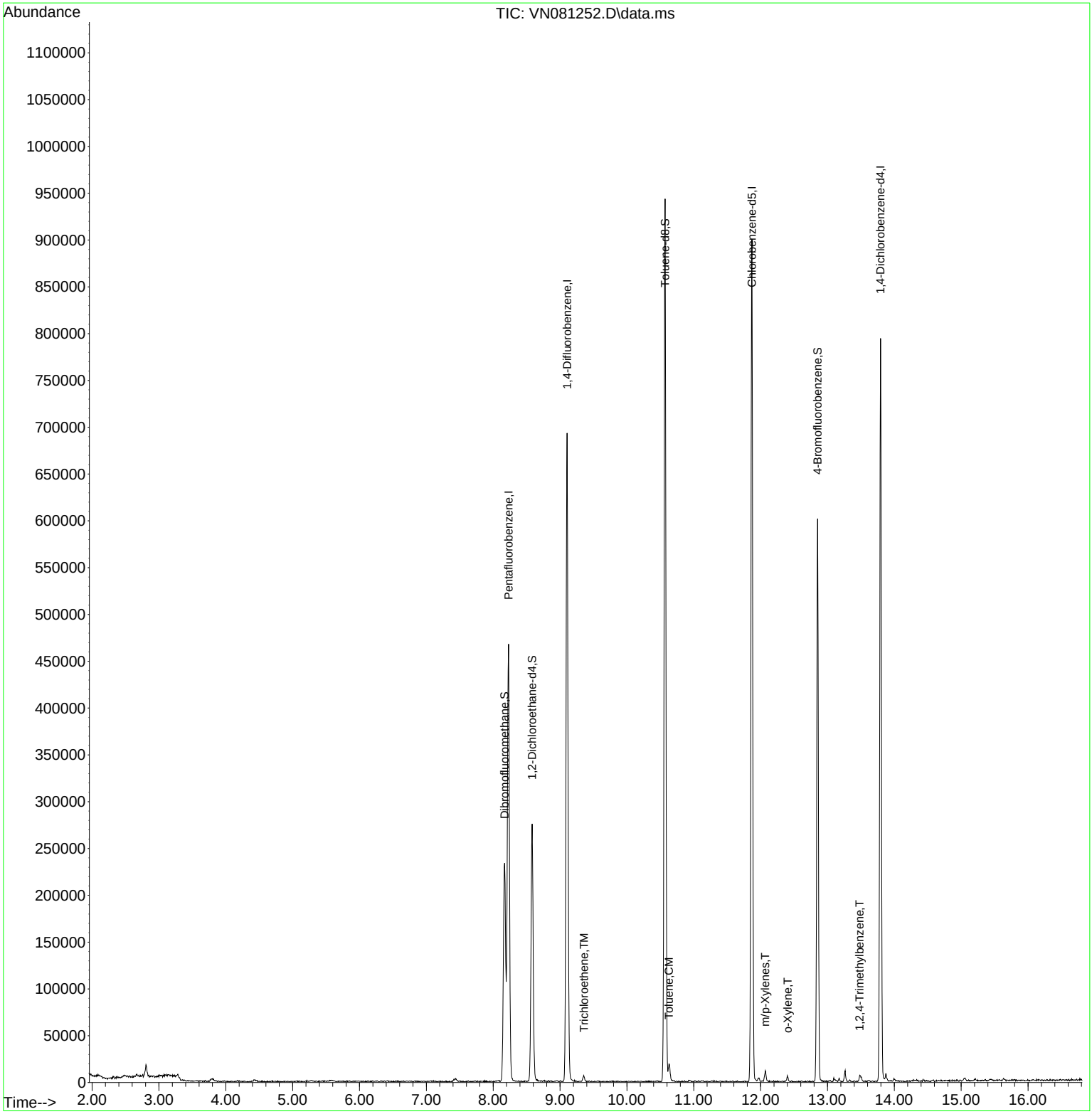
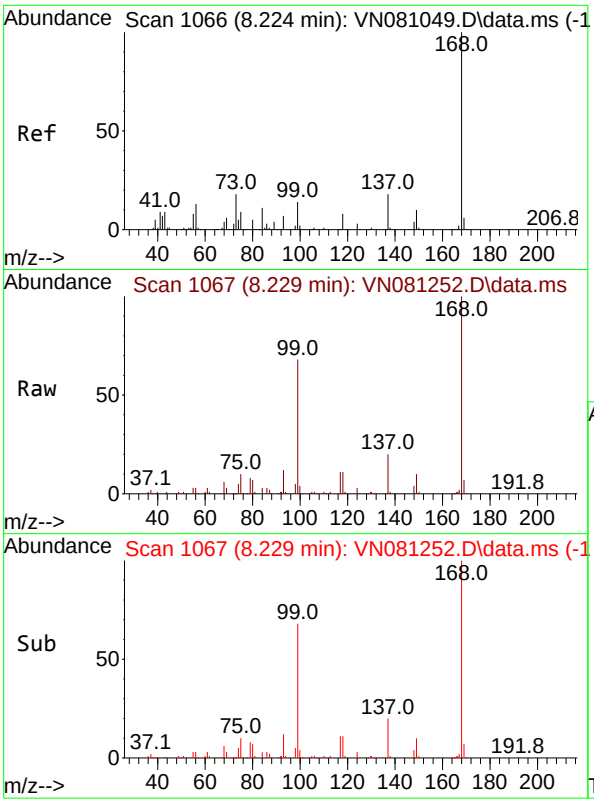


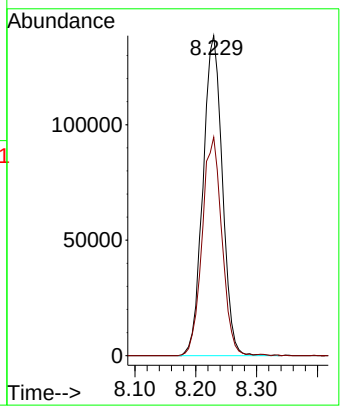


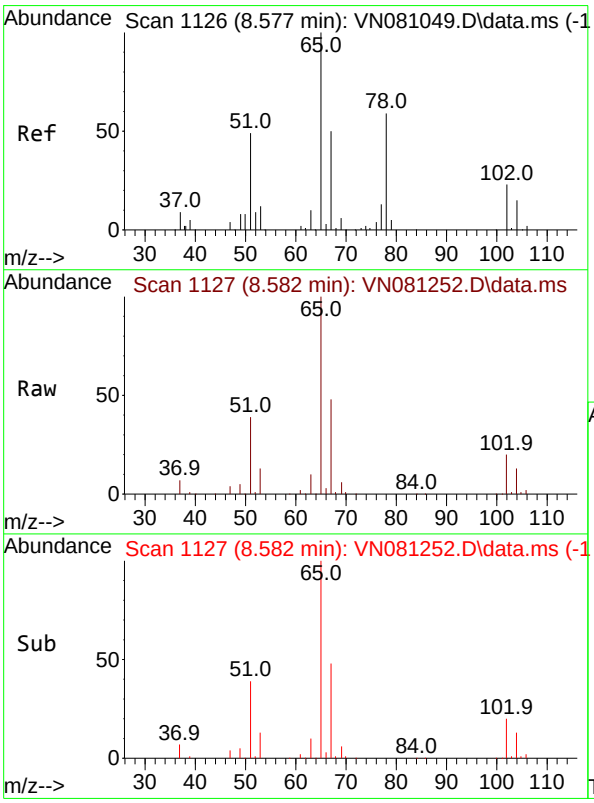
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN081252.D
Acq: 28 Feb 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
1823-A

Tgt Ion:168 Resp: 306595

Ion	Ratio	Lower	Upper
168	100		
99	68.3	59.9	89.9

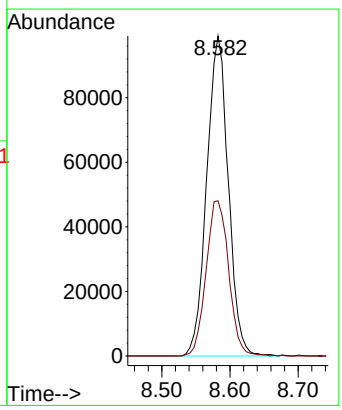


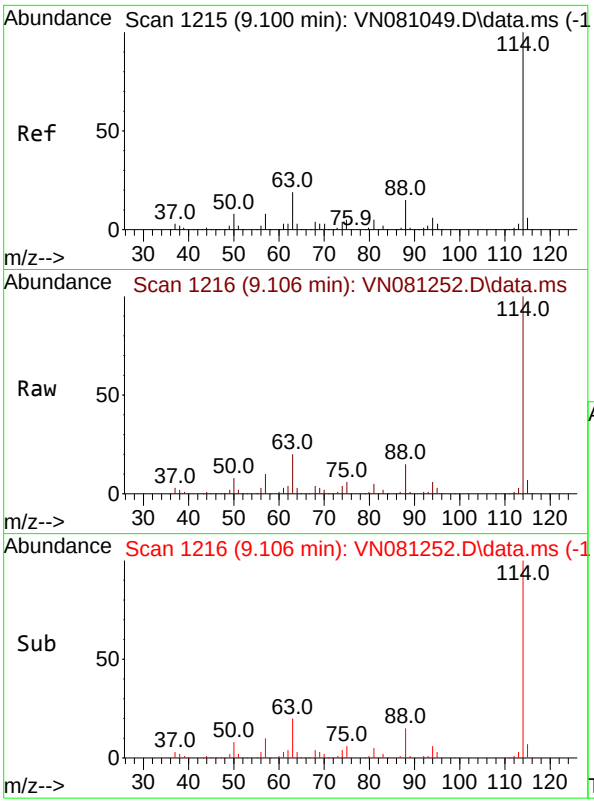


#33
1,2-Dichloroethane-d4
Concen: 58.045 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081252.D
Acq: 28 Feb 2024 18:53

Tgt Ion: 65 Resp: 218132

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.4



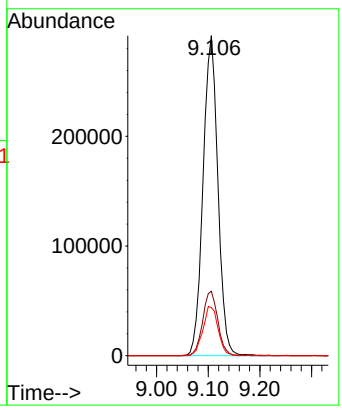


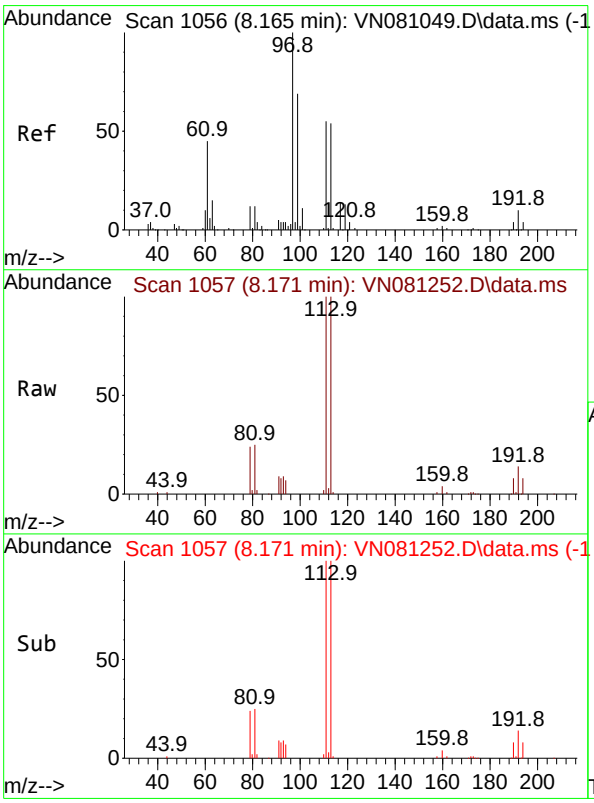
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081252.D
Acq: 28 Feb 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
1823-A

Tgt Ion:114 Resp: 580940

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	48.0
88	15.1	0.0	34.8

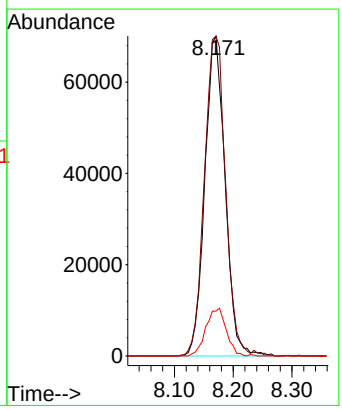


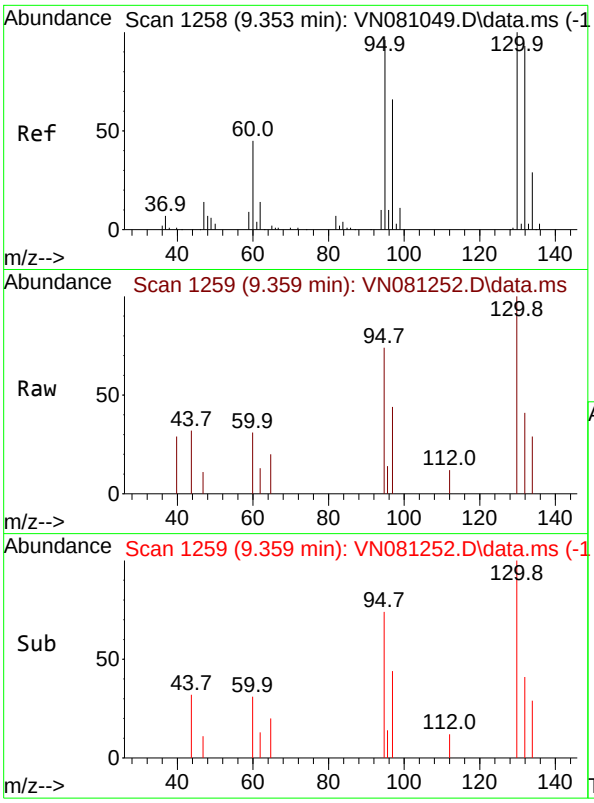


#35
Dibromofluoromethane
Concen: 51.004 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081252.D
Acq: 28 Feb 2024 18:53

Tgt Ion:113 Resp: 167550

Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.2	123.4
192	15.0	12.5	18.7



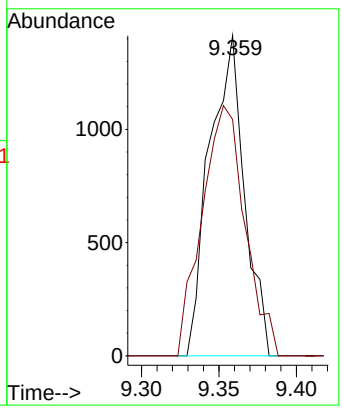


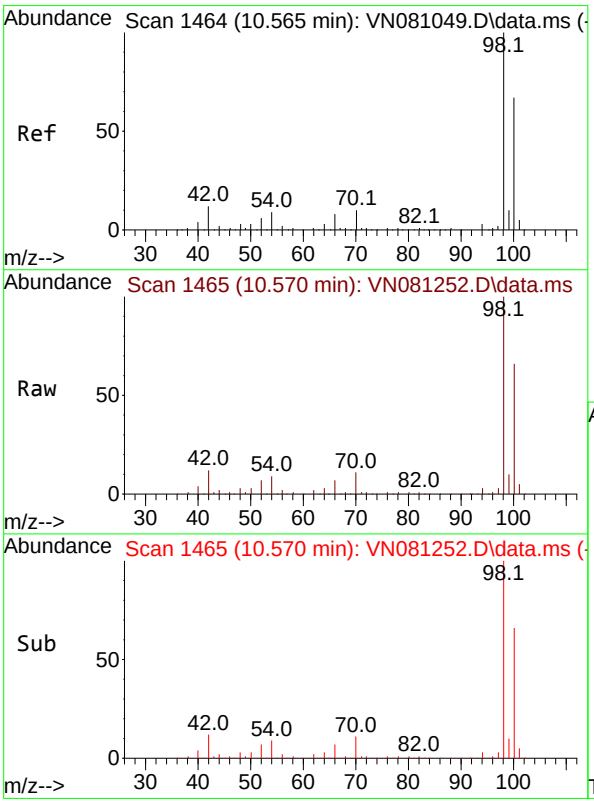
#44
Trichloroethene
Concen: 0.510 ug/l
RT: 9.359 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081252.D
Acq: 28 Feb 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
1823-A

Tgt Ion:130 Resp: 2212

Ion	Ratio	Lower	Upper
130	100		
95	88.1	0.0	210.4

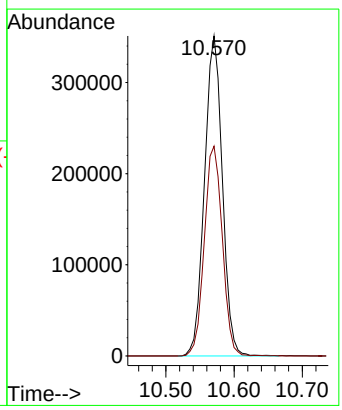


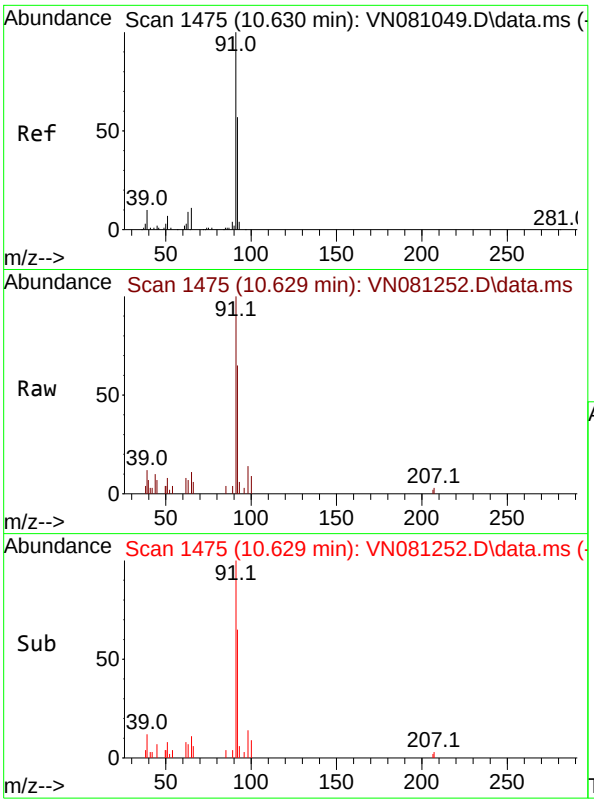


#50
Toluene-d8
Concen: 54.831 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081252.D
Acq: 28 Feb 2024 18:53

Tgt Ion: 98 Resp: 639750

Ion	Ratio	Lower	Upper
98	100		
100	66.0	51.4	77.0



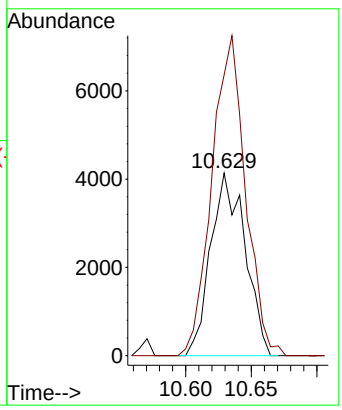


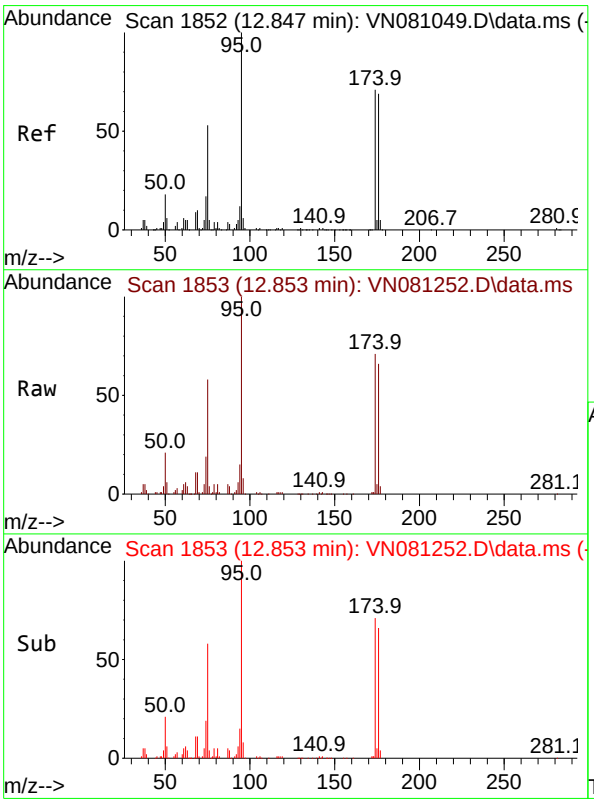
#52
Toluene
Concen: 0.733 ug/l
RT: 10.629 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN081252.D
Acq: 28 Feb 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
1823-A

Tgt Ion: 92 Resp: 7562

Ion	Ratio	Lower	Upper
92	100		
91	170.9	139.4	209.0

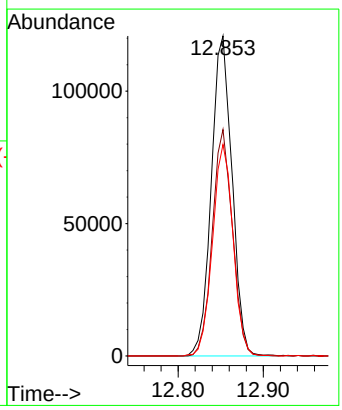


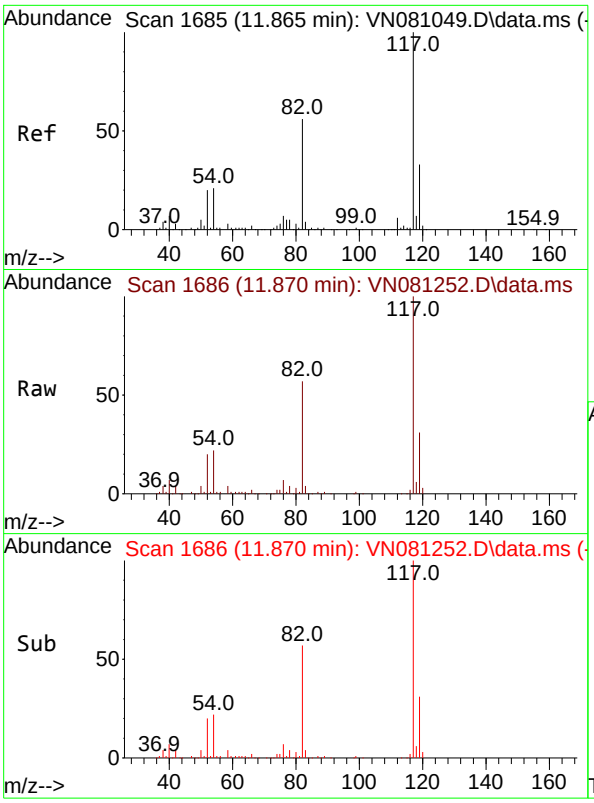


#62
4-Bromofluorobenzene
Concen: 46.531 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081252.D
Acq: 28 Feb 2024 18:53

Tgt Ion: 95 Resp: 203997

Ion	Ratio	Lower	Upper
95	100		
174	69.0	0.0	120.4
176	65.6	0.0	121.0



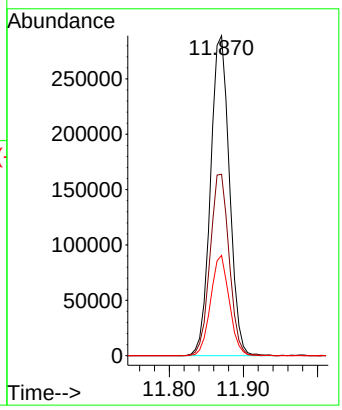


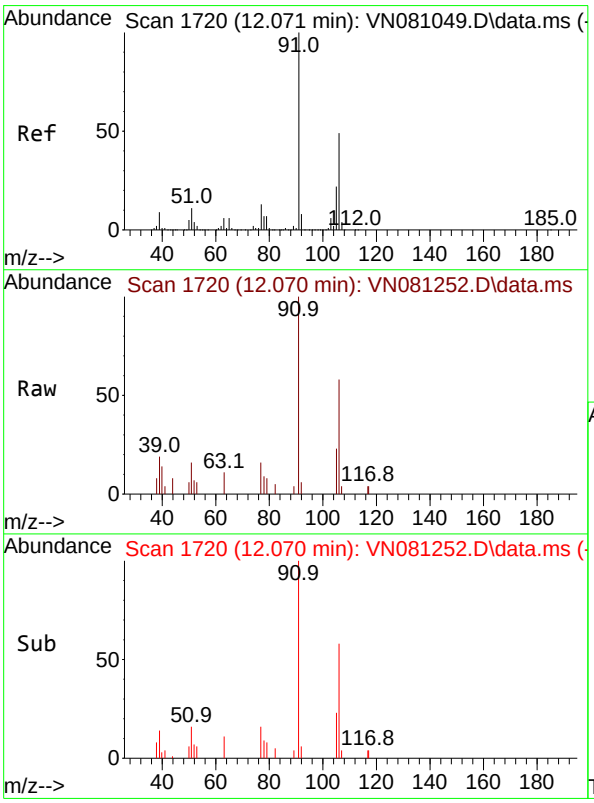
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081252.D
Acq: 28 Feb 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
1823-A

Tgt Ion:117 Resp: 512075

Ion	Ratio	Lower	Upper
117	100		
82	56.7	52.7	79.1
119	31.4	25.3	37.9

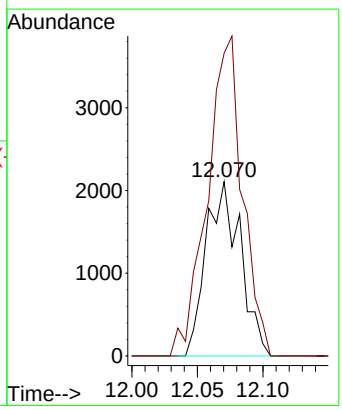


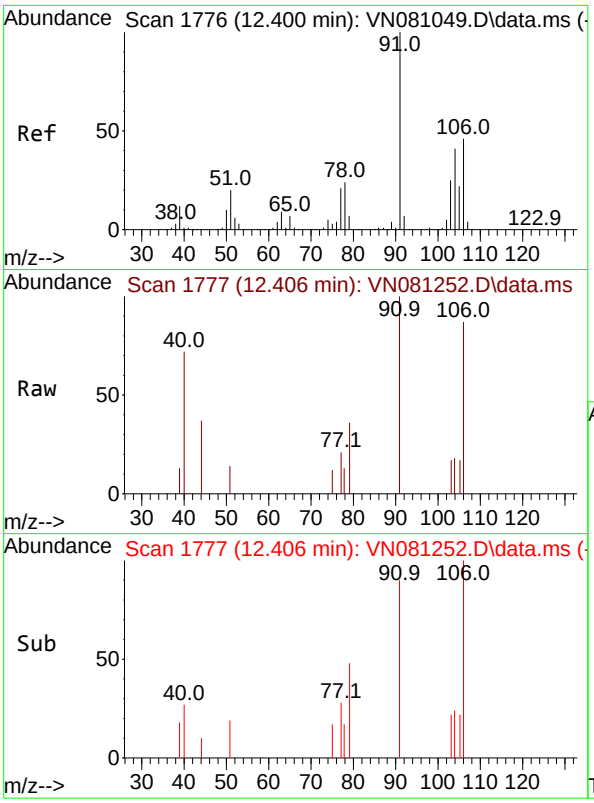


#68
m/p-Xylenes
Concen: 0.506 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081252.D
Acq: 28 Feb 2024 18:53

Tgt Ion:106 Resp: 3843

Ion	Ratio	Lower	Upper
106	100		
91	187.7	169.0	253.6



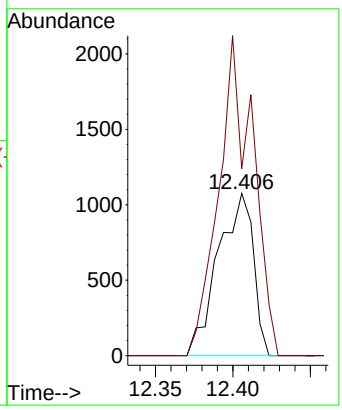


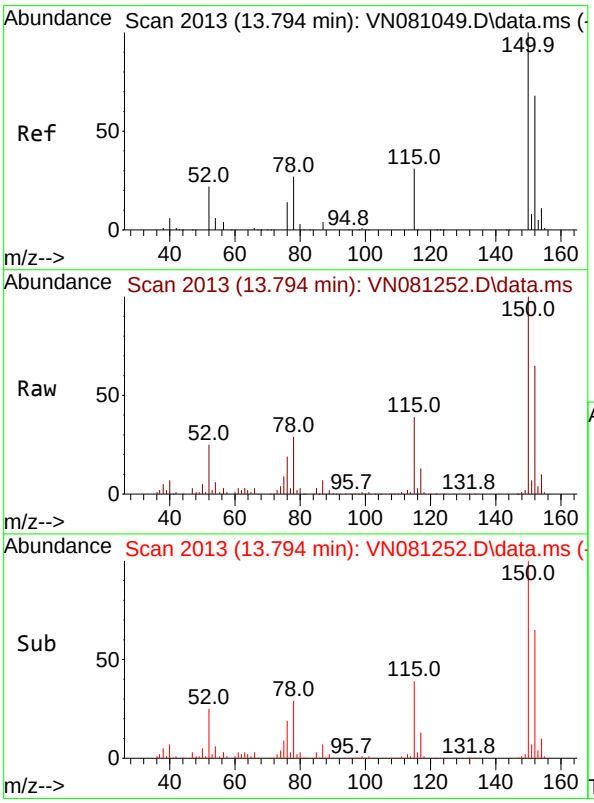
#69
o-Xylene
Concen: 0.225 ug/l
RT: 12.406 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081252.D
Acq: 28 Feb 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
1823-A

Tgt Ion:106 Resp: 1698

Ion	Ratio	Lower	Upper
106	100		
91	191.5	112.1	336.3

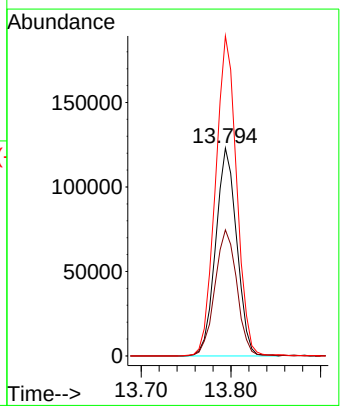


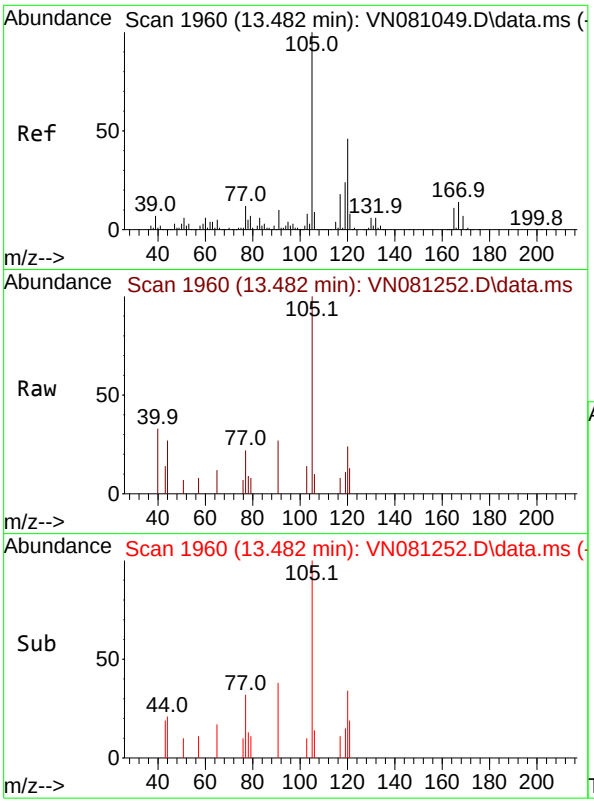


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081252.D
Acq: 28 Feb 2024 18:53

Tgt Ion:152 Resp: 200682

Ion	Ratio	Lower	Upper
152	100		
115	63.4	32.3	96.8
150	154.9	0.0	339.8





#84
1,2,4-Trimethylbenzene
Concen: 0.276 ug/l
RT: 13.482 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081252.D
Acq: 28 Feb 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
1823-A

Tgt Ion:105 Resp: 3912

Ion	Ratio	Lower	Upper
105	100		
120	39.5	20.9	62.7