Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041725\
Data File : VN086326.D
Acq On : 17 Apr 2025 16:54
Operator : JC\MD
Sample : Q1818-02DL 40X
Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
3833DL

Quant Time: Apr 18 01:32:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	206841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	390449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	360935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	161003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143664	47.898	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.800%			
35) Dibromofluoromethane	8.165	113	102355	56.483	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.960%			
50) Toluene-d8	10.565	98	494725	51.082	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.160%			
62) 4-Bromofluorobenzene	12.847	95	181003	51.240	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.480%			
Target Compounds						Qvalue
52) Toluene	10.629	92	29776	4.115	ug/l	100
67) Ethyl Benzene	11.959	91	294096	20.233	ug/l	100
68) m/p-Xylenes	12.065	106	475884	87.378	ug/l	99
69) o-Xylene	12.394	106	126552	23.496	ug/l	99
73) Isopropylbenzene	12.694	105	2686	0.204	ug/l	93

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

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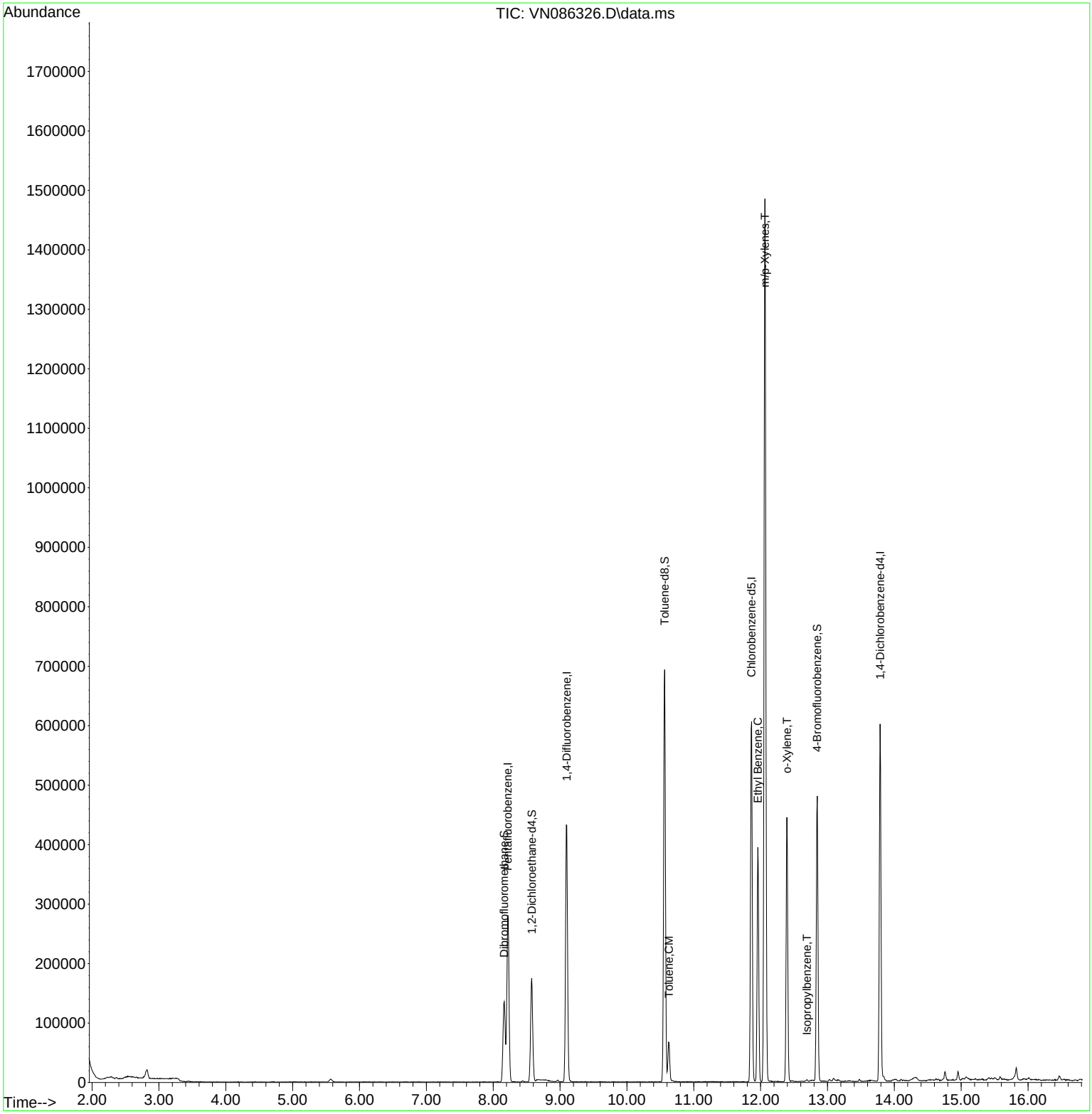
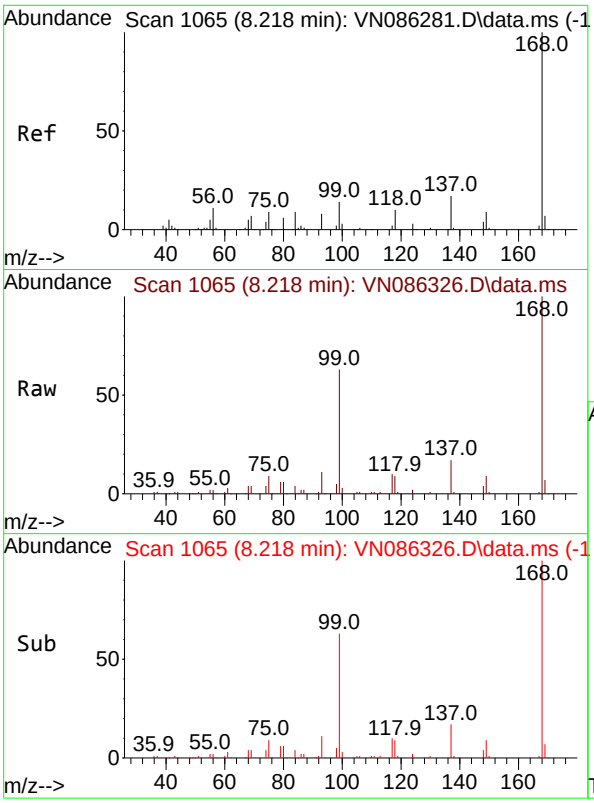


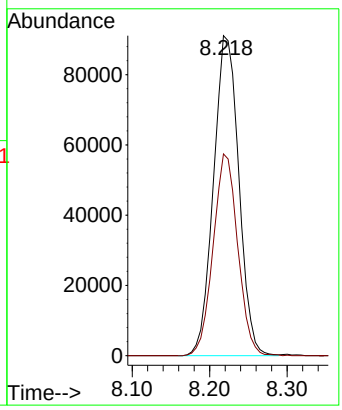


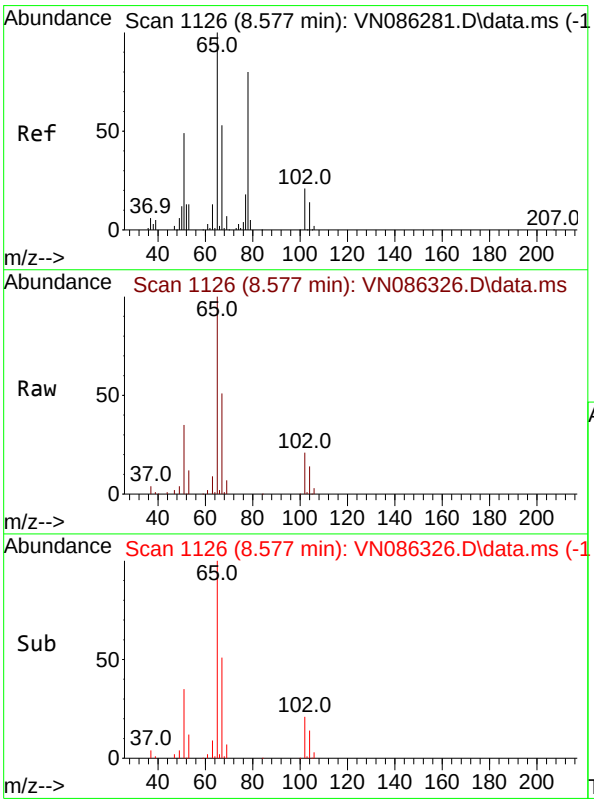
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086326.D
Acq: 17 Apr 2025 16:54

Instrument :
MSVOA_N
ClientSampleId :
3833DL

Tgt Ion:168 Resp: 206841

Ion	Ratio	Lower	Upper
168	100		
99	63.1	52.5	78.7

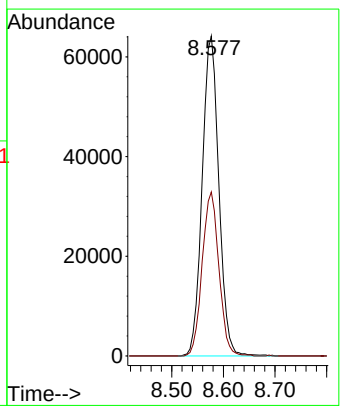


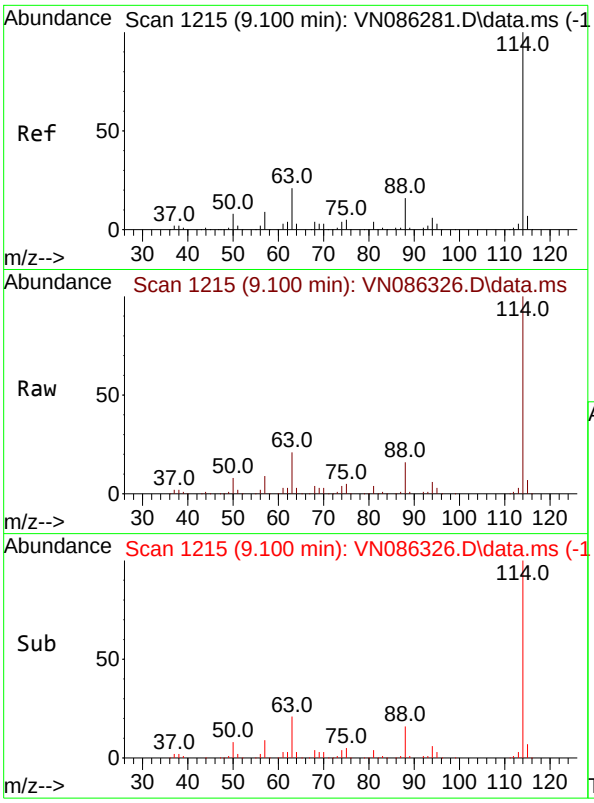


#33
1,2-Dichloroethane-d4
Concen: 47.898 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086326.D
Acq: 17 Apr 2025 16:54

Tgt Ion: 65 Resp: 143664

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	106.0



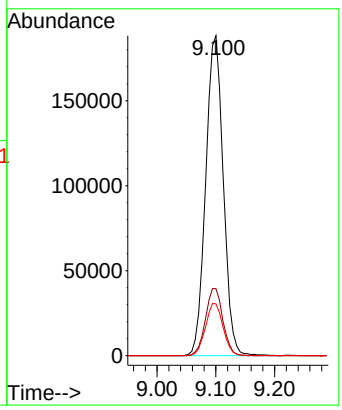


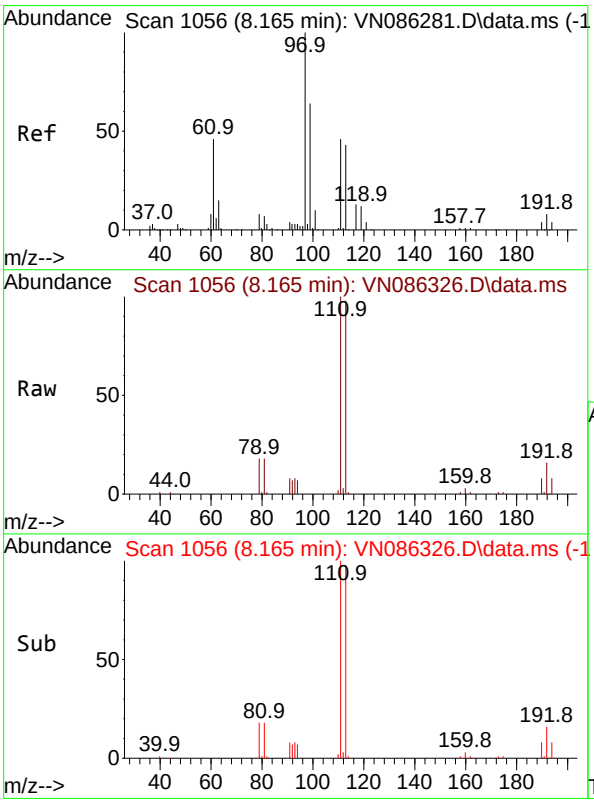
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086326.D
Acq: 17 Apr 2025 16:54

Instrument :
MSVOA_N
ClientSampleId :
3833DL

Tgt Ion:114 Resp: 390449

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.6
88	16.2	0.0	31.8

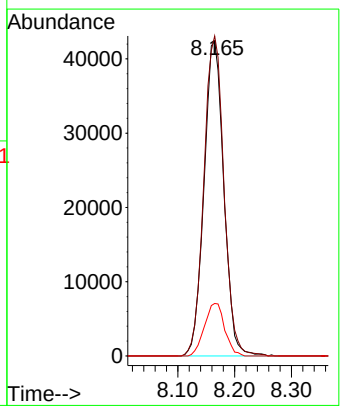


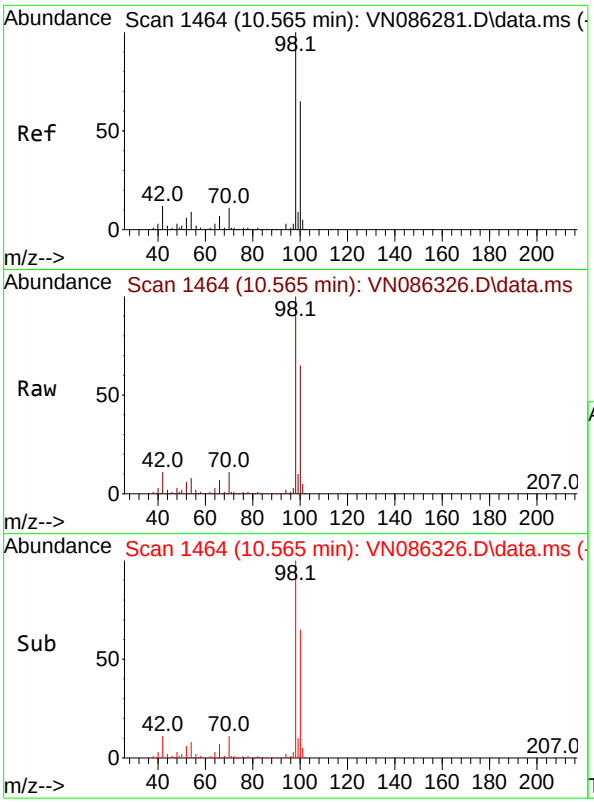


#35
Dibromofluoromethane
Concen: 56.483 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086326.D
Acq: 17 Apr 2025 16:54

Tgt Ion:113 Resp: 102355

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.4	125.0
192	17.1	13.7	20.5



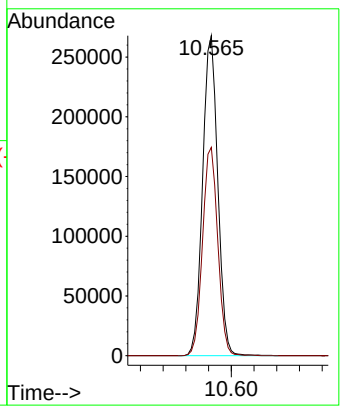


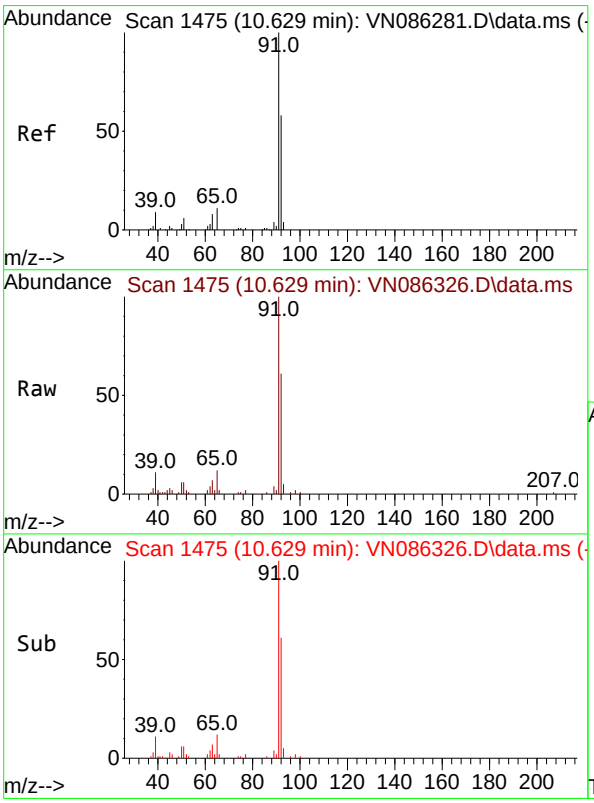
#50
Toluene-d8
Concen: 51.082 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086326.D
Acq: 17 Apr 2025 16:54

Instrument :
MSVOA_N
ClientSampleId :
3833DL

Tgt Ion: 98 Resp: 494725

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.5	78.7

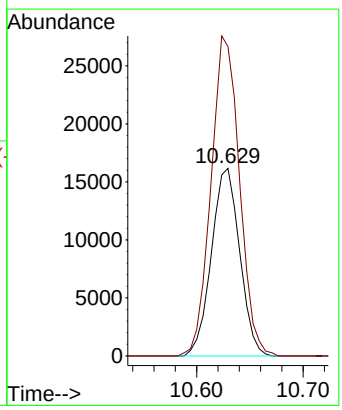


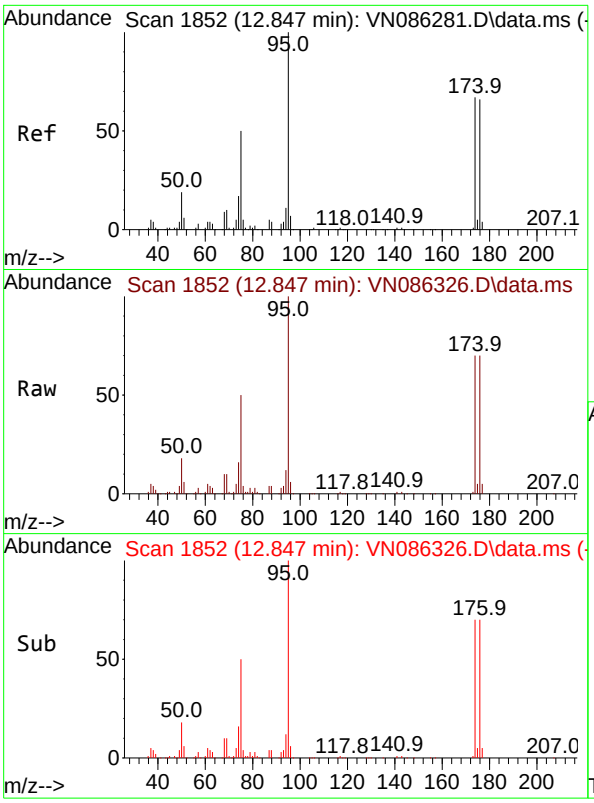


#52
Toluene
Concen: 4.115 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086326.D
Acq: 17 Apr 2025 16:54

Tgt Ion: 92 Resp: 29776

Ion	Ratio	Lower	Upper
92	100		
91	171.9	137.3	205.9



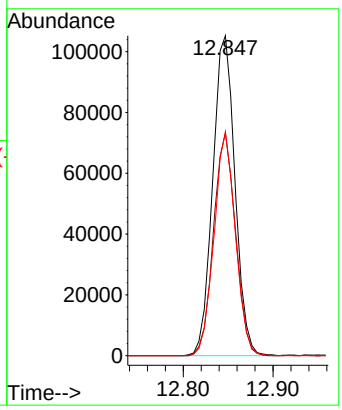


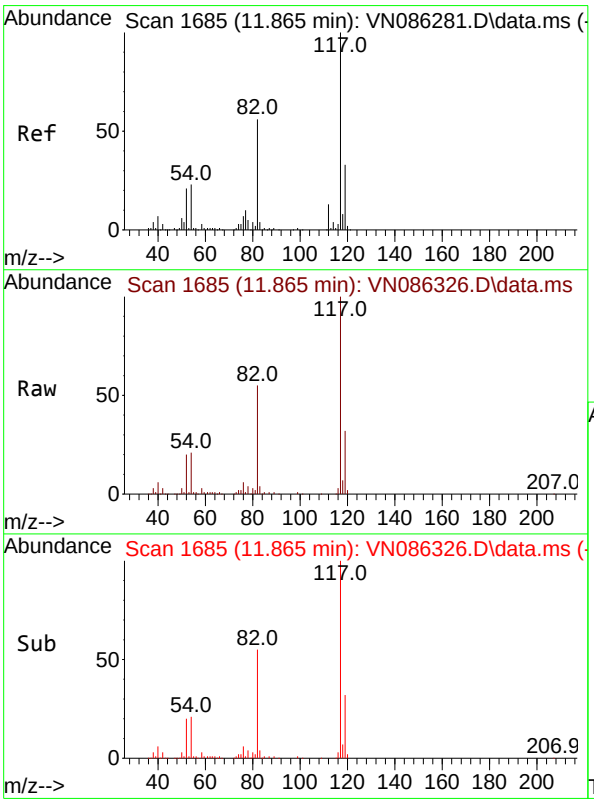
#62
4-Bromofluorobenzene
Concen: 51.240 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086326.D
Acq: 17 Apr 2025 16:54

Instrument :
MSVOA_N
ClientSampleId :
3833DL

Tgt Ion: 95 Resp: 181003

Ion	Ratio	Lower	Upper
95	100		
174	68.8	0.0	133.4
176	67.2	0.0	129.2

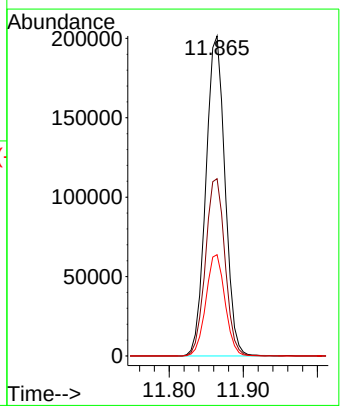


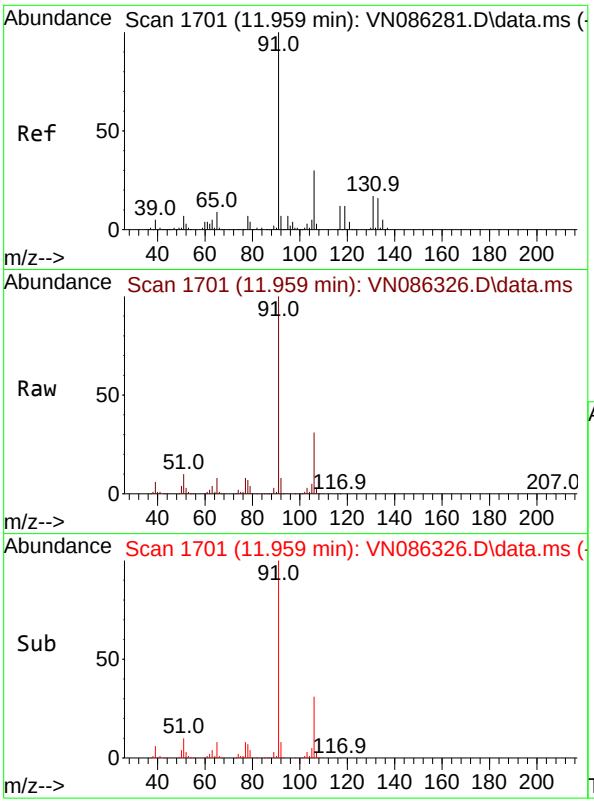


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086326.D
Acq: 17 Apr 2025 16:54

Tgt Ion:117 Resp: 360935

Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.7	67.1
119	31.6	26.4	39.6



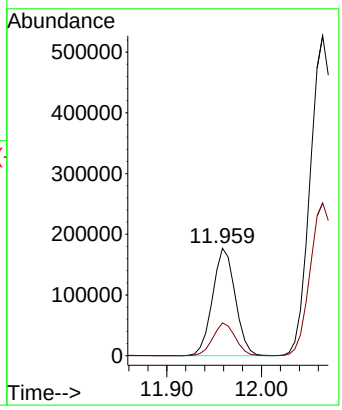


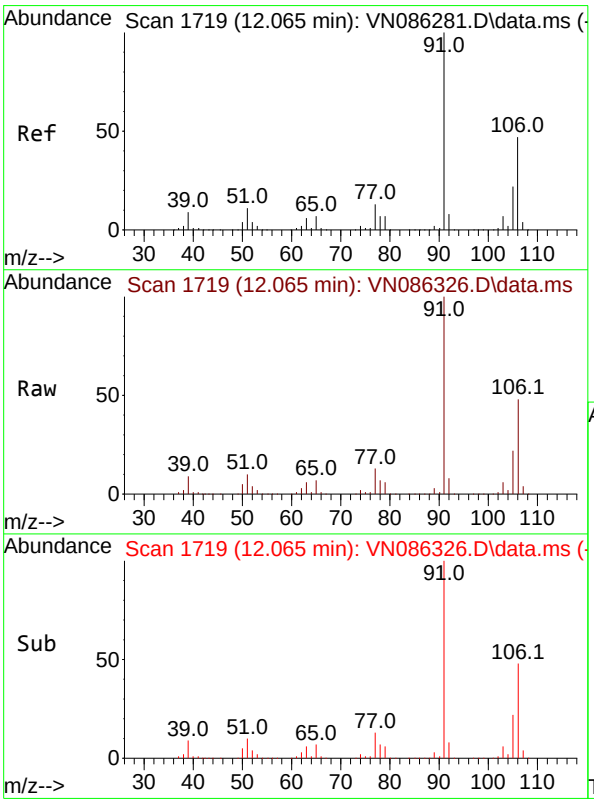
#67
Ethyl Benzene
Concen: 20.233 ug/l
RT: 11.959 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086326.D
Acq: 17 Apr 2025 16:54

Instrument :
MSVOA_N
ClientSampleId :
3833DL

Tgt Ion: 91 Resp: 294096

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.3	36.5

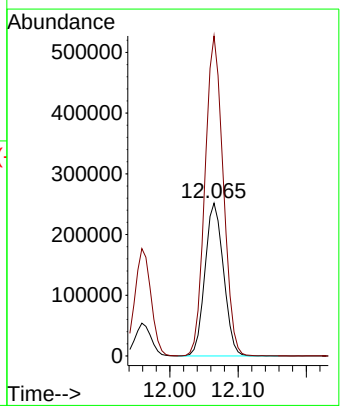


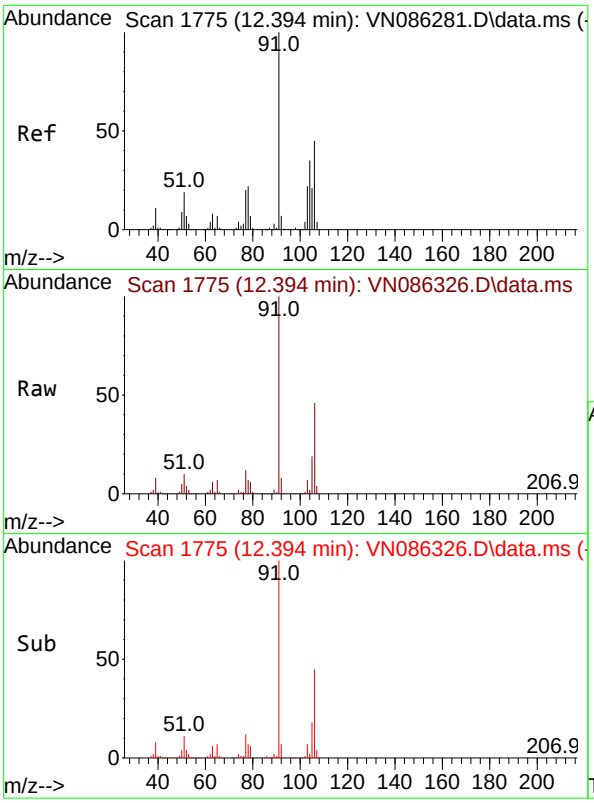


#68
m/p-Xylenes
Concen: 87.378 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086326.D
Acq: 17 Apr 2025 16:54

Tgt Ion:106 Resp: 475884

Ion	Ratio	Lower	Upper
106	100		
91	206.3	166.5	249.7



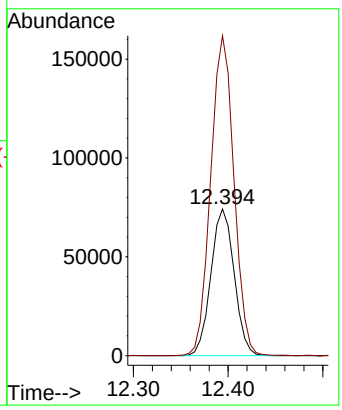


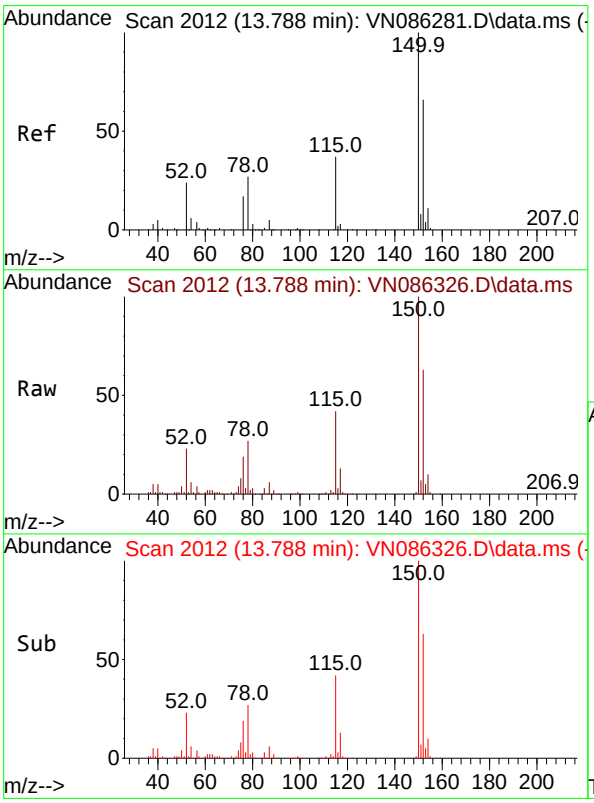
#69
o-Xylene
Concen: 23.496 ug/l
RT: 12.394 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086326.D
Acq: 17 Apr 2025 16:54

Instrument :
MSVOA_N
ClientSampleId :
3833DL

Tgt Ion:106 Resp: 126552

Ion	Ratio	Lower	Upper
106	100		
91	218.2	109.7	329.0

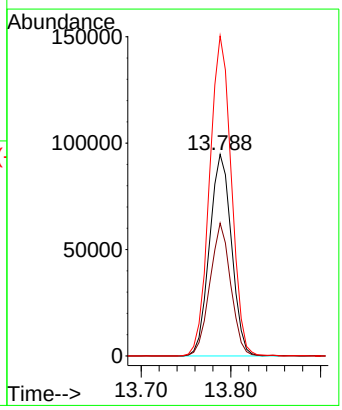


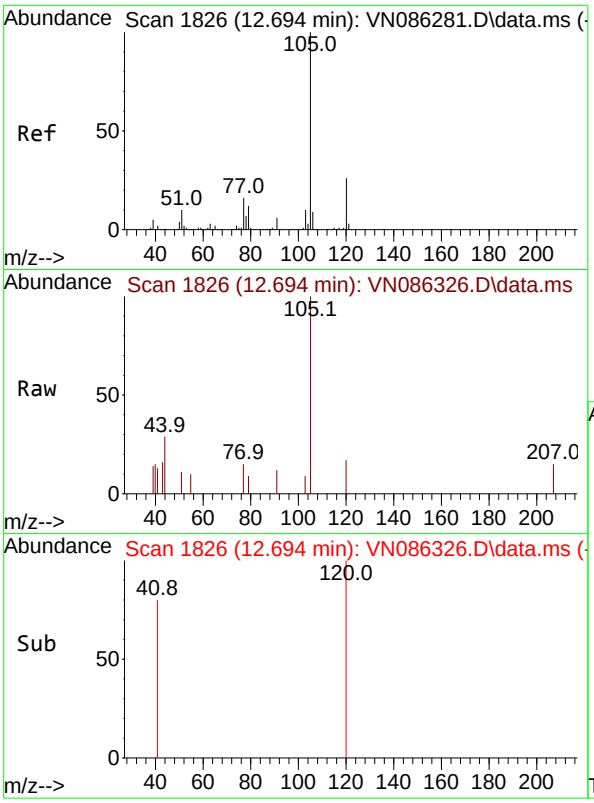


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086326.D
Acq: 17 Apr 2025 16:54

Tgt Ion:152 Resp: 161003

Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.9	95.9
150	157.3	0.0	352.0





#73
Isopropylbenzene
Concen: 0.204 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086326.D
Acq: 17 Apr 2025 16:54

Instrument :
MSVOA_N
ClientSampleId :
3833DL

Tgt Ion:105 Resp: 2686

Ion	Ratio	Lower	Upper
105	100		
120	22.7	13.1	39.3