Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071024\
Data File : VN082859.D
Acq On : 10 Jul 2024 16:50
Operator : JC\MD
Sample : P3183-01
Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
N28660

Quant Time: Jul 11 03:50:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	104759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	196184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	195775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	82917	56.463	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.920%			
35) Dibromofluoromethane	8.159	113	67756	53.823	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.640%			
50) Toluene-d8	10.565	98	249813	53.728	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.460%			
62) 4-Bromofluorobenzene	12.853	95	102679	61.478	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 122.960%			
Target Compounds						Qvalue
67) Ethyl Benzene	11.965	91	13060	1.852	ug/l	98
68) m/p-Xylenes	12.071	106	5382	2.022	ug/l	96
69) o-Xylene	12.400	106	3038	1.191	ug/l	89
83) tert-Butylbenzene	13.441	119	6610	1.184	ug/l	95

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

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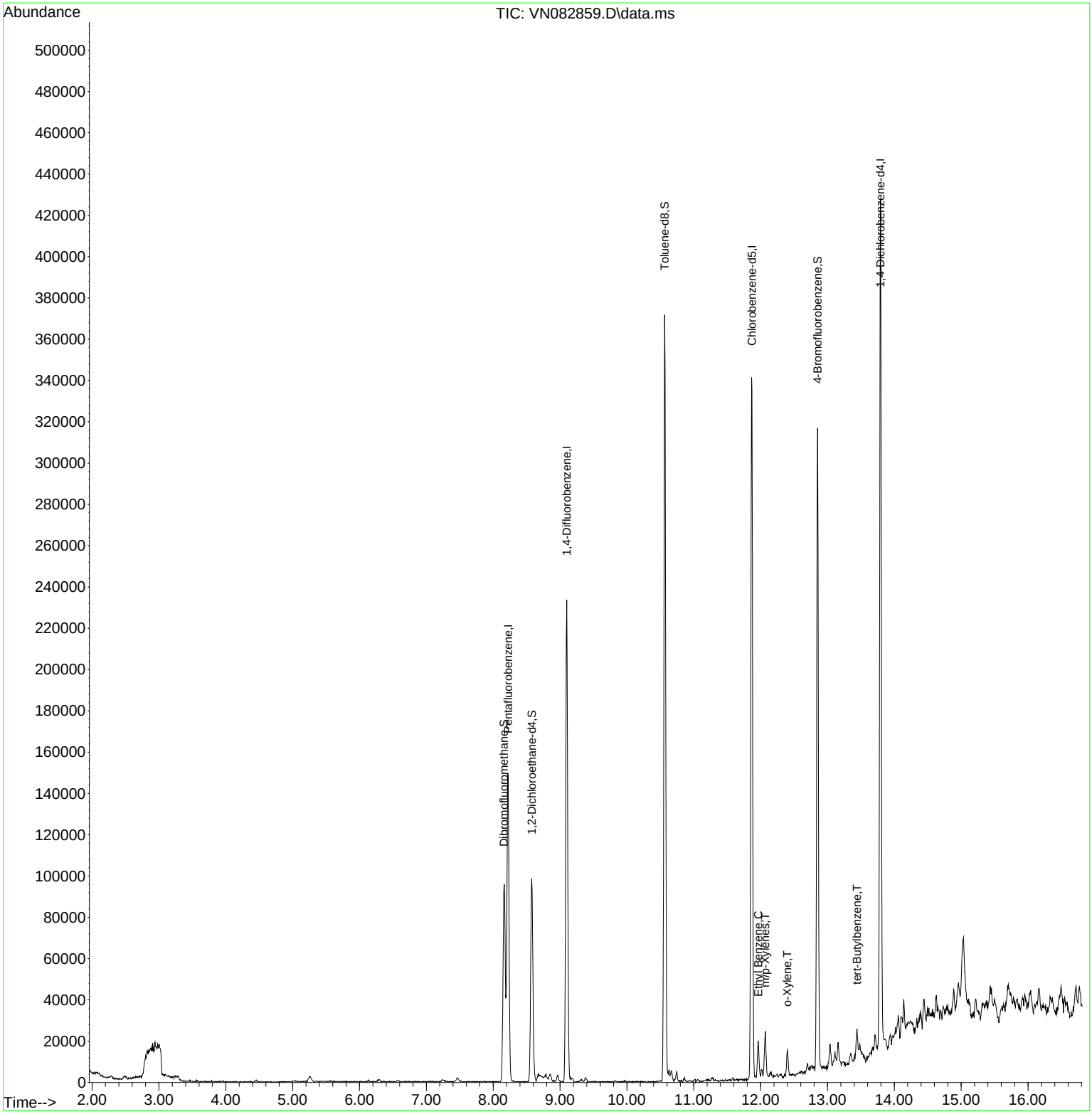
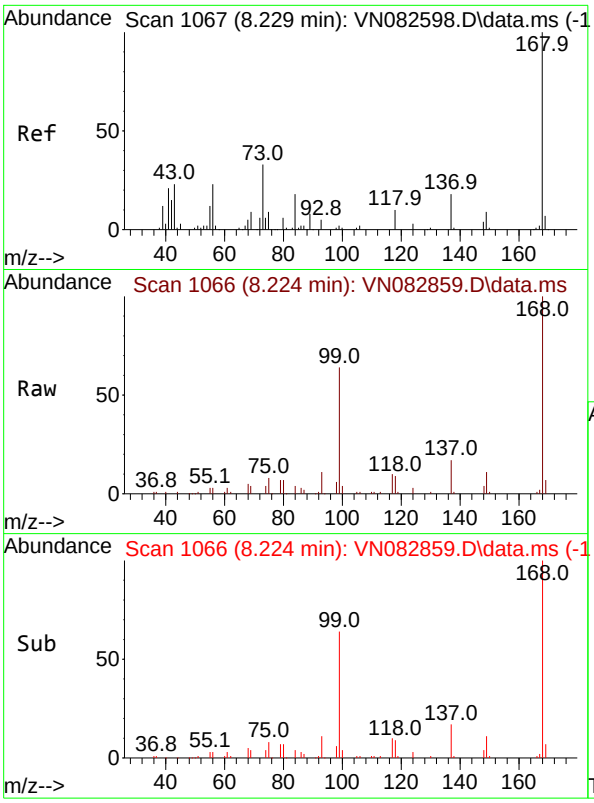


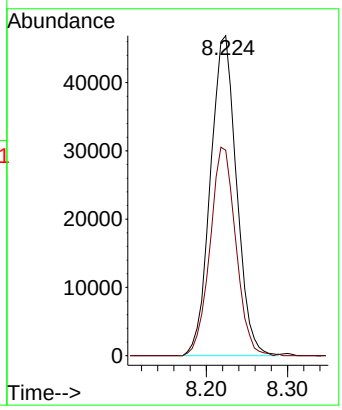


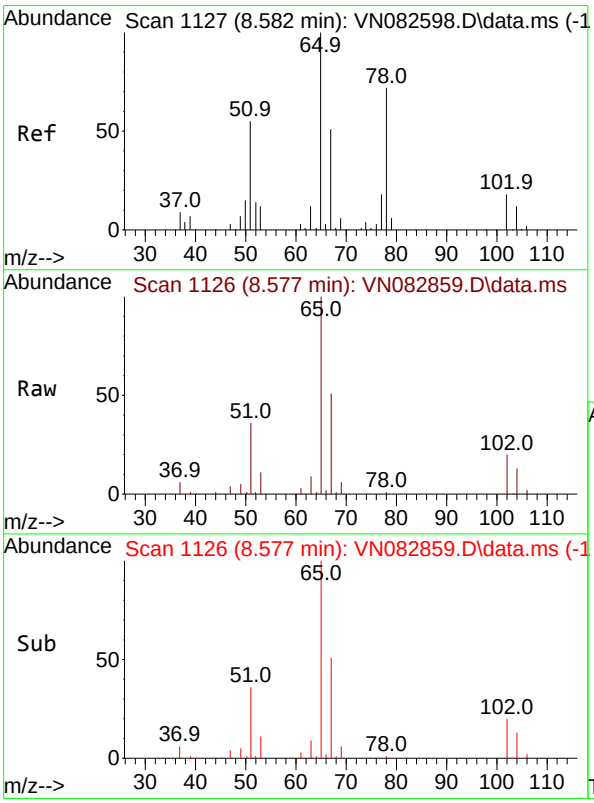
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN082859.D
Acq: 10 Jul 2024 16:50

Instrument :
MSVOA_N
ClientSampleId :
N28660

Tgt Ion:168 Resp: 104759

Ion	Ratio	Lower	Upper
168	100		
99	64.2	48.2	72.4

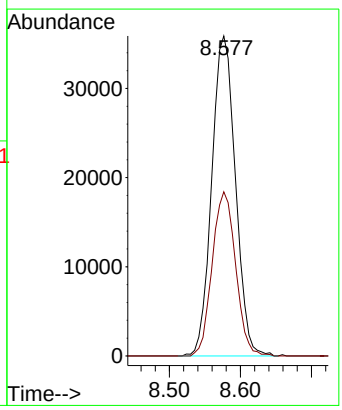


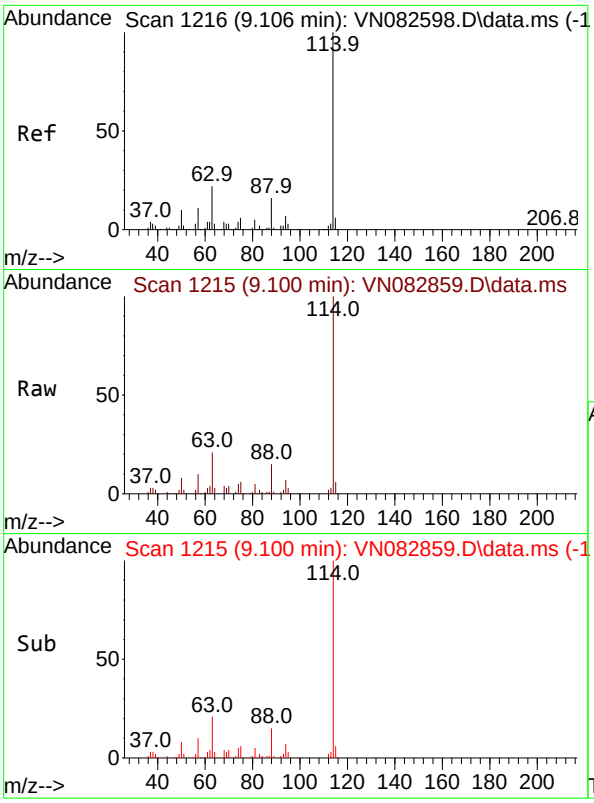


#33
1,2-Dichloroethane-d4
Concen: 56.463 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082859.D
Acq: 10 Jul 2024 16:50

Tgt Ion: 65 Resp: 82917

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	104.4



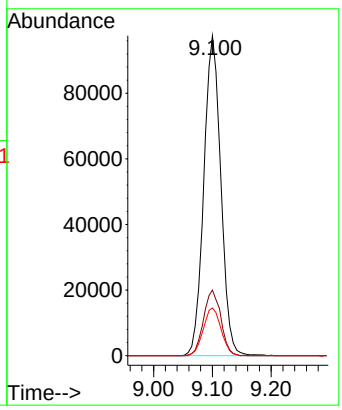


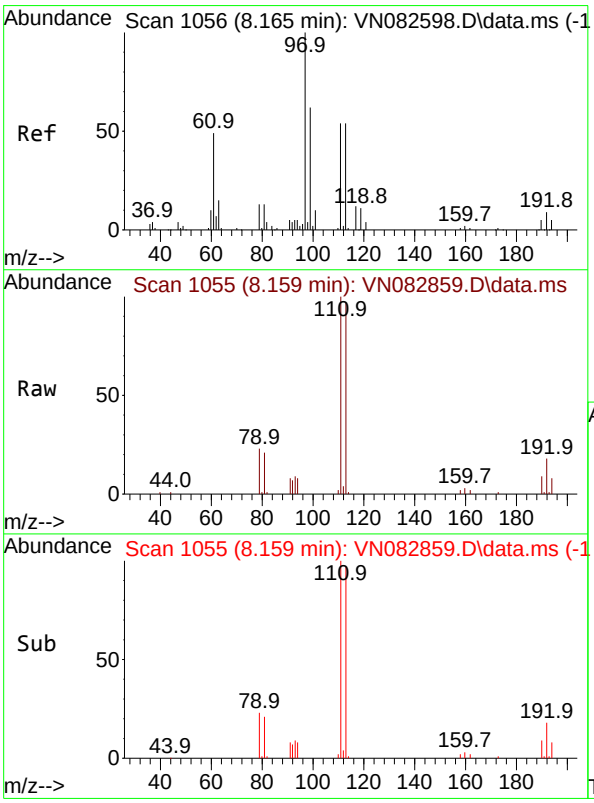
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN082859.D
Acq: 10 Jul 2024 16:50

Instrument :
MSVOA_N
ClientSampleId :
N28660

Tgt Ion:114 Resp: 196184

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	44.6
88	14.9	0.0	31.4

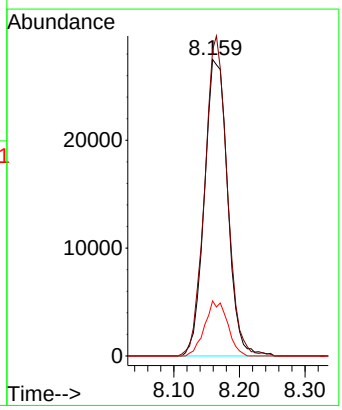


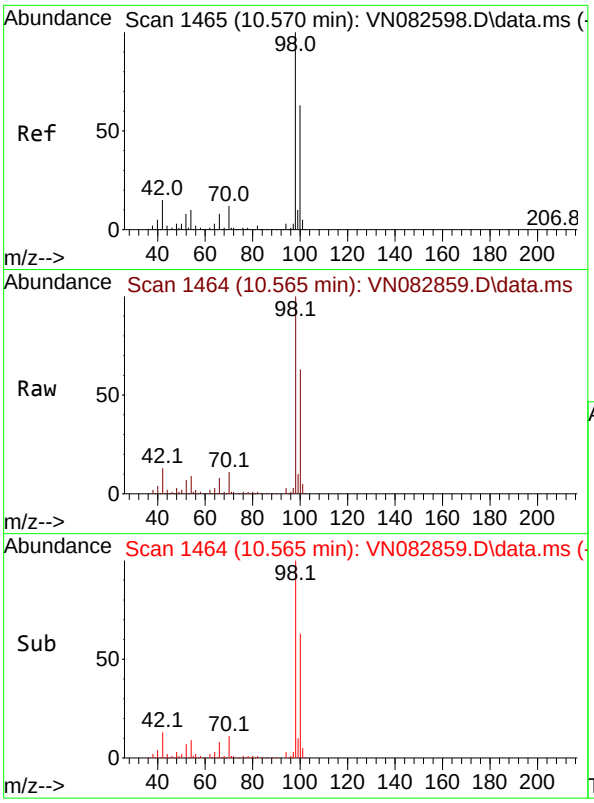


#35
Dibromofluoromethane
Concen: 53.823 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN082859.D
Acq: 10 Jul 2024 16:50

Tgt Ion:113 Resp: 67756

Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.4	123.6
192	18.2	14.9	22.3



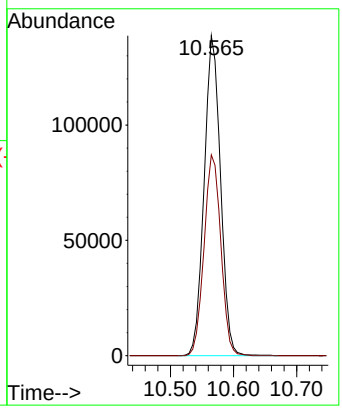


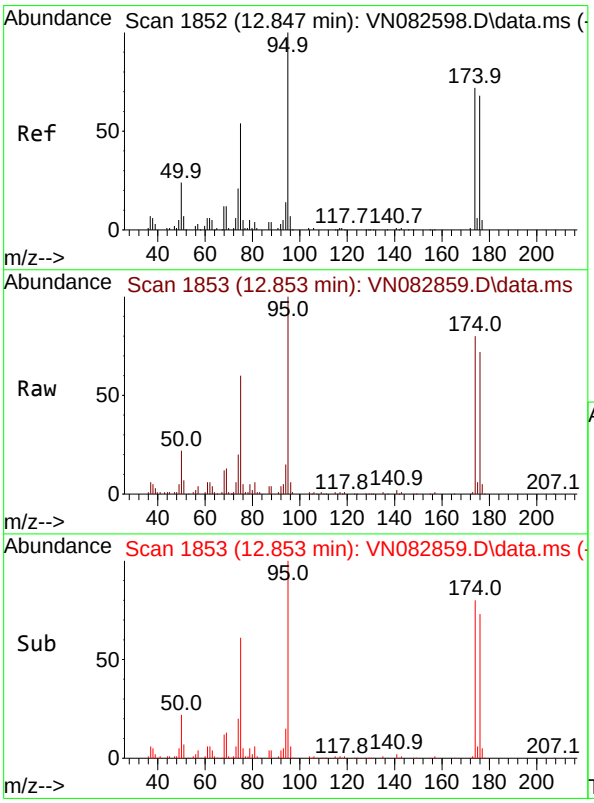
#50
Toluene-d8
Concen: 53.728 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.005 min
Lab File: VN082859.D
Acq: 10 Jul 2024 16:50

Instrument :
MSVOA_N
ClientSampleId :
N28660

Tgt Ion: 98 Resp: 249813

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.5	77.3

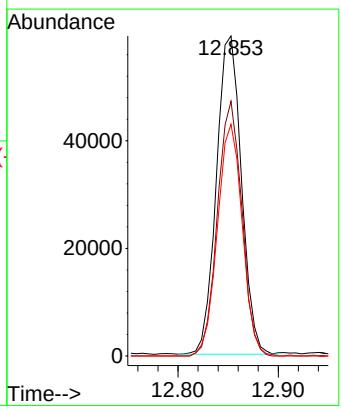


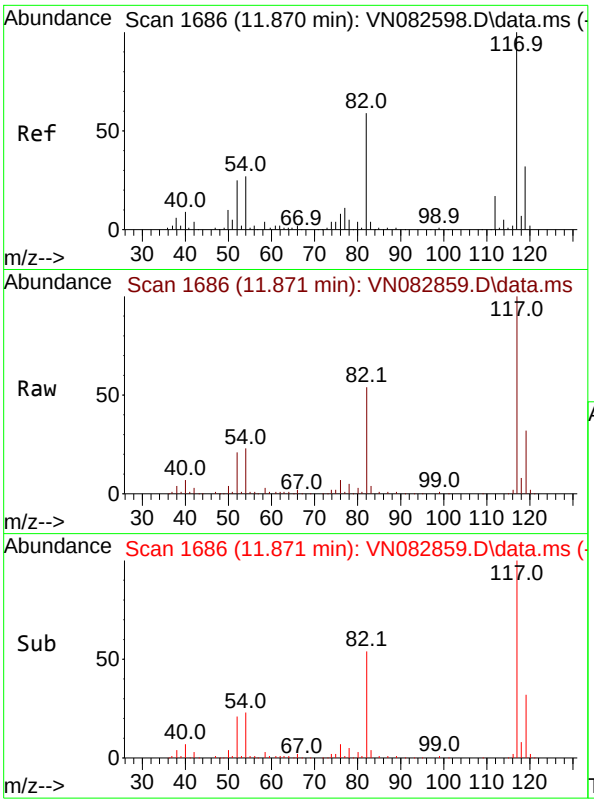


#62
4-Bromofluorobenzene
Concen: 61.478 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082859.D
Acq: 10 Jul 2024 16:50

Tgt Ion: 95 Resp: 102679

Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	159.2
176	72.2	0.0	147.6



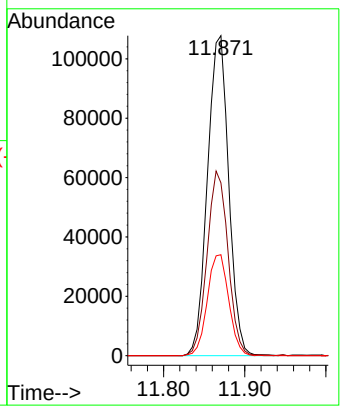


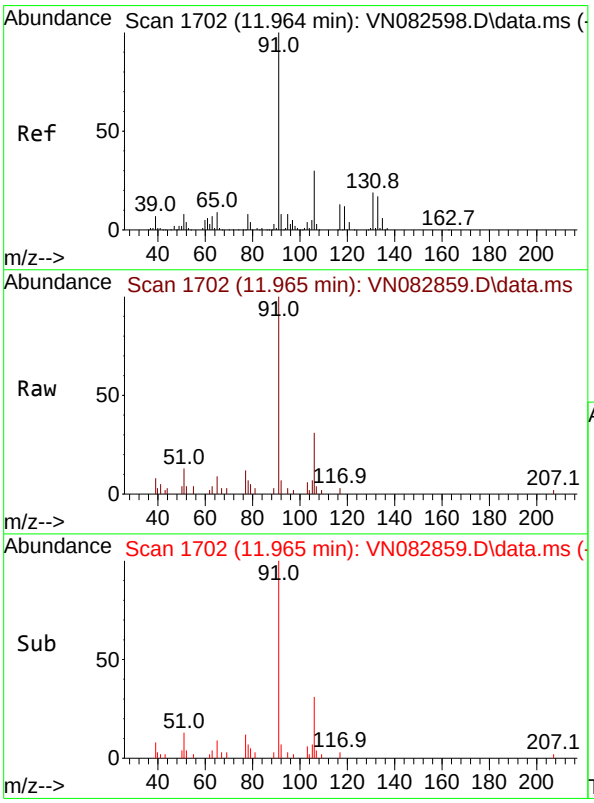
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN082859.D
Acq: 10 Jul 2024 16:50

Instrument :
MSVOA_N
ClientSampleId :
N28660

Tgt Ion:117 Resp: 195775

Ion	Ratio	Lower	Upper
117	100		
82	54.0	47.5	71.3
119	31.5	25.6	38.4

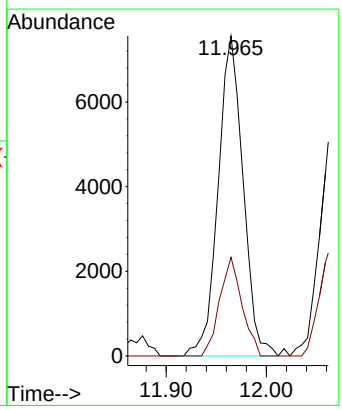


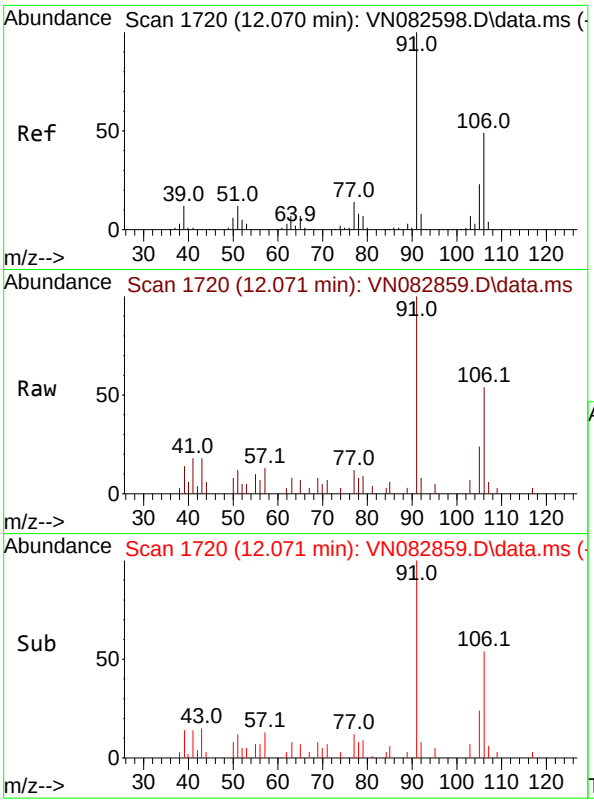


#67
Ethyl Benzene
Concen: 1.852 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082859.D
Acq: 10 Jul 2024 16:50

Tgt Ion: 91 Resp: 13060

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.0	36.0



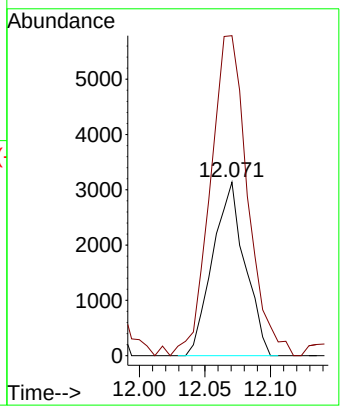


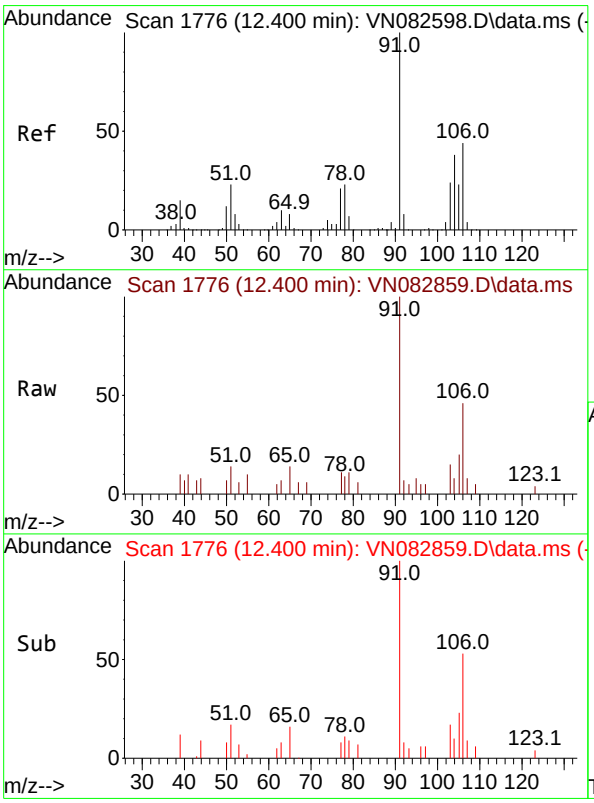
#68
m/p-Xylenes
Concen: 2.022 ug/l
RT: 12.071 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN082859.D
Acq: 10 Jul 2024 16:50

Instrument :
MSVOA_N
ClientSampleId :
N28660

Tgt Ion:106 Resp: 5382

Ion	Ratio	Lower	Upper
106	100		
91	213.9	166.1	249.1

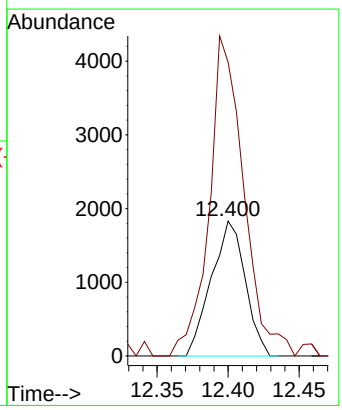


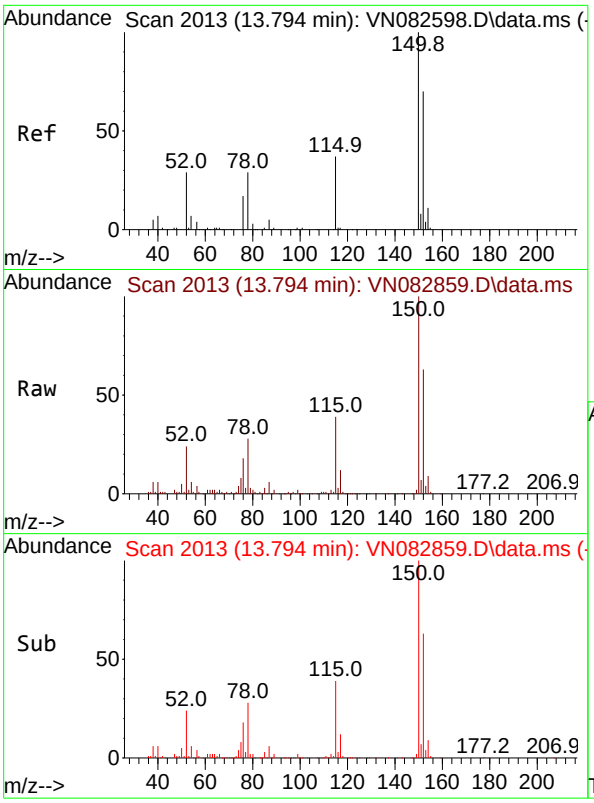


#69
o-Xylene
Concen: 1.191 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082859.D
Acq: 10 Jul 2024 16:50

Tgt Ion:106 Resp: 3038

Ion	Ratio	Lower	Upper
106	100		
91	240.9	111.3	333.9



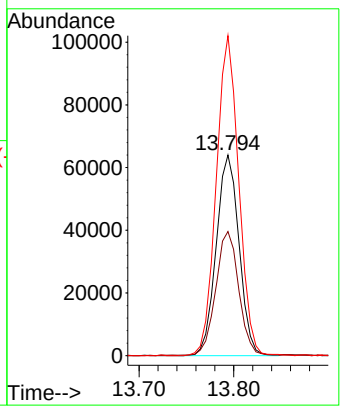


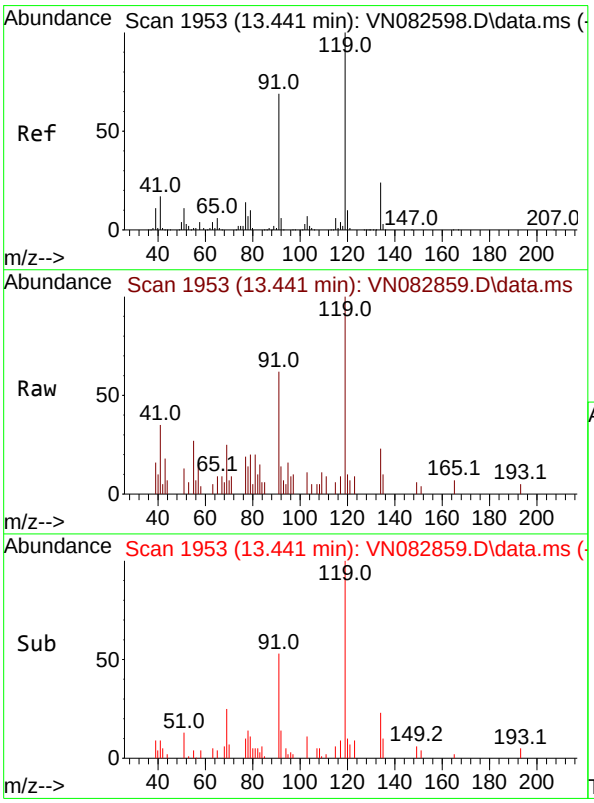
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN082859.D
Acq: 10 Jul 2024 16:50

Instrument :
MSVOA_N
ClientSampleId :
N28660

Tgt Ion:152 Resp: 107181

Ion	Ratio	Lower	Upper
152	100		
115	62.8	30.6	91.6
150	157.1	0.0	348.6





#83
tert-Butylbenzene
Concen: 1.184 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082859.D
Acq: 10 Jul 2024 16:50

Tgt Ion:119 Resp: 6610

Ion	Ratio	Lower	Upper
119	100		
91	69.0	35.0	105.1
134	19.2	13.3	39.8