Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032224\
Data File : VN081542.D
Acq On : 22 Mar 2024 12:52
Operator : JC\MD
Sample : P1798-06DL 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S-6DL

Quant Time: Mar 23 00:12:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	477866	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	837484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	748755	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	316648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	303431	49.791	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.580%			
35) Dibromofluoromethane	8.165	113	253716	48.003	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.000%			
50) Toluene-d8	10.565	98	988632	51.745	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.480%			
62) 4-Bromofluorobenzene	12.847	95	322139	47.850	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 95.700%			
Target Compounds						Qvalue
40) Benzene	8.606	78	922224	35.464	ug/l	94
52) Toluene	10.629	92	287111	17.371	ug/l	99
68) m/p-Xylenes	12.071	106	43727	3.794	ug/l	92
69) o-Xylene	12.400	106	24826	2.194	ug/l	97
95) Naphthalene	15.641	128	253964	11.496	ug/l	99

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

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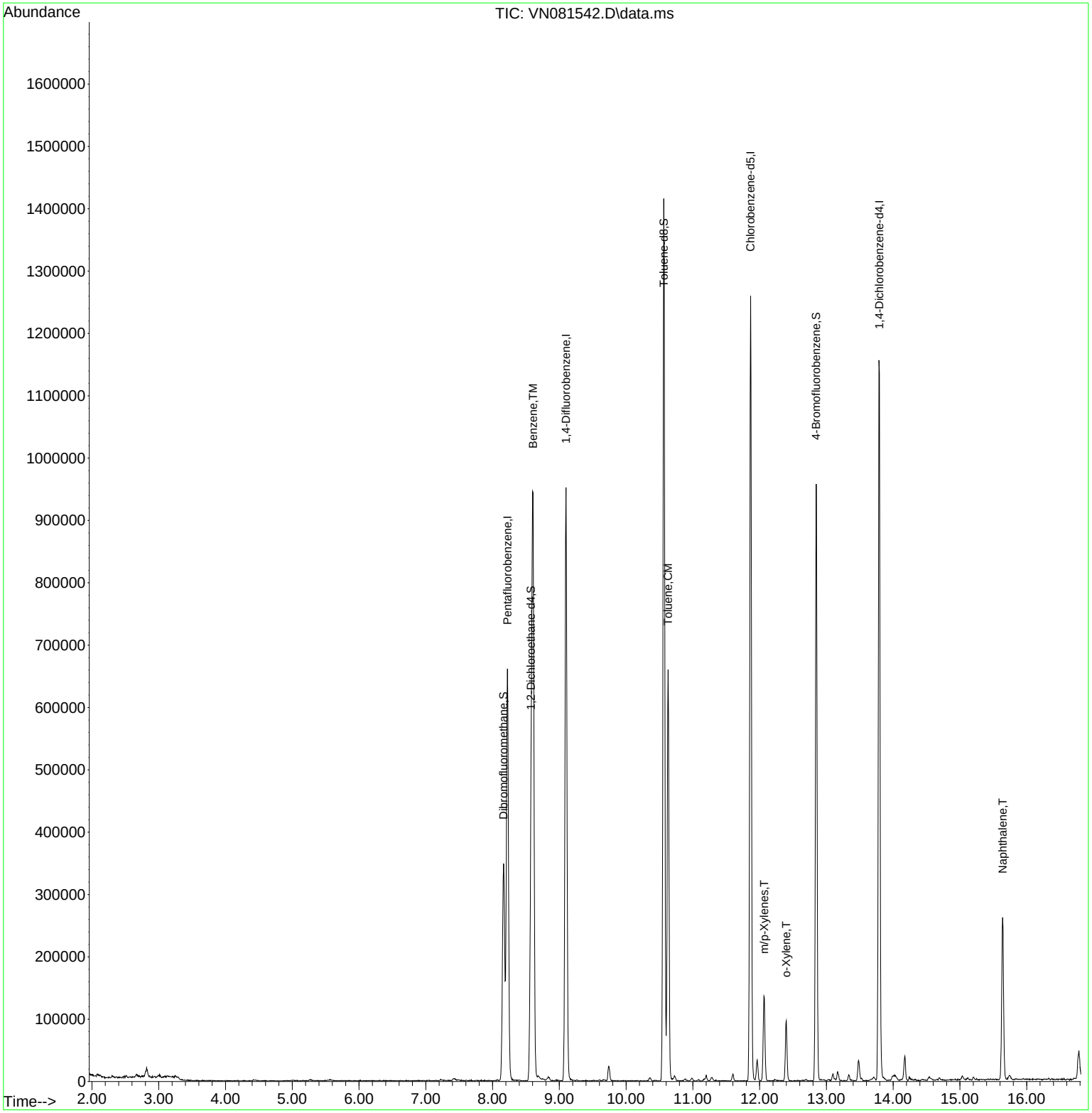
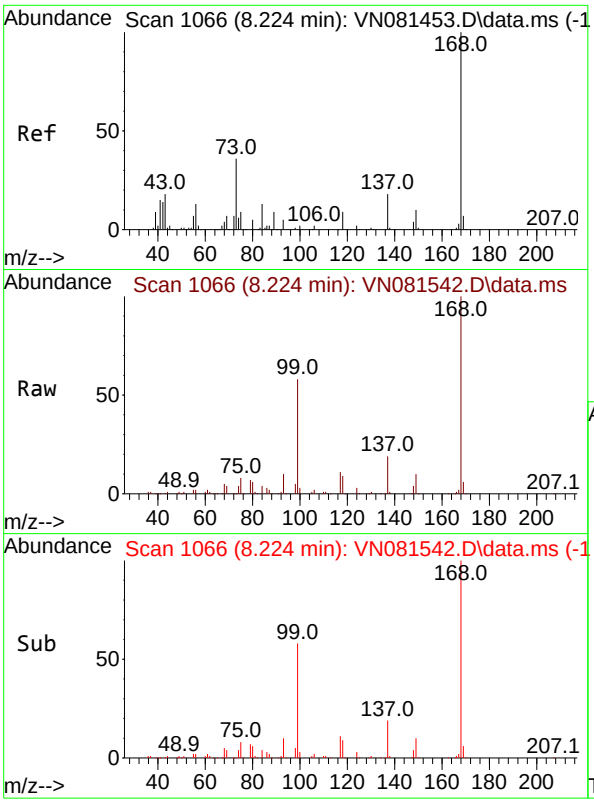


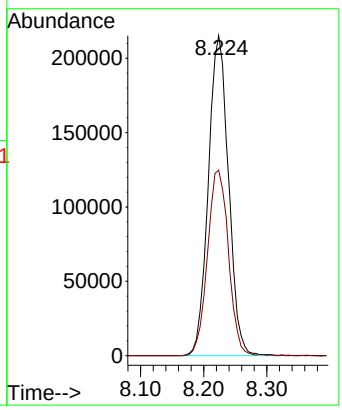


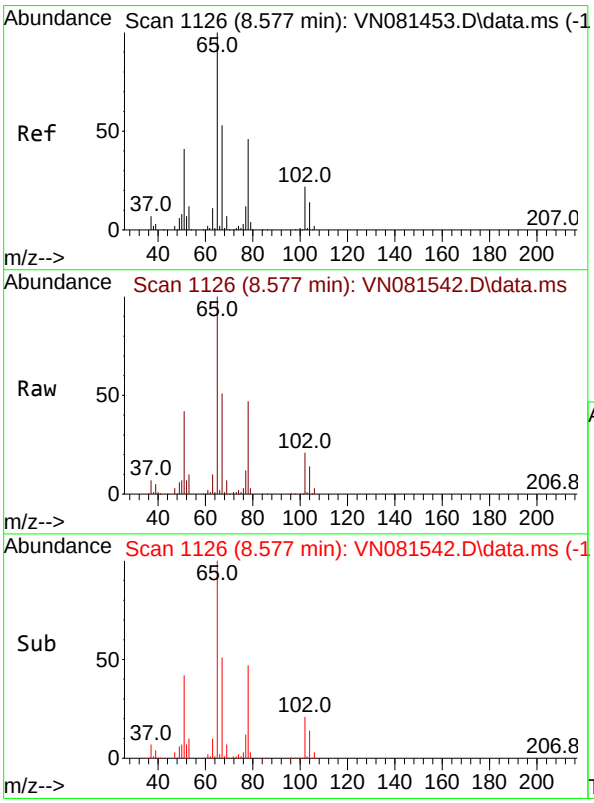
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081542.D
Acq: 22 Mar 2024 12:52

Instrument :
MSVOA_N
ClientSampleId :
S-6DL

Tgt Ion:168 Resp: 477866

Ion	Ratio	Lower	Upper
168	100		
99	58.0	59.9	89.9#

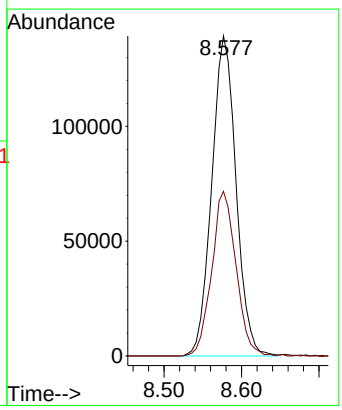


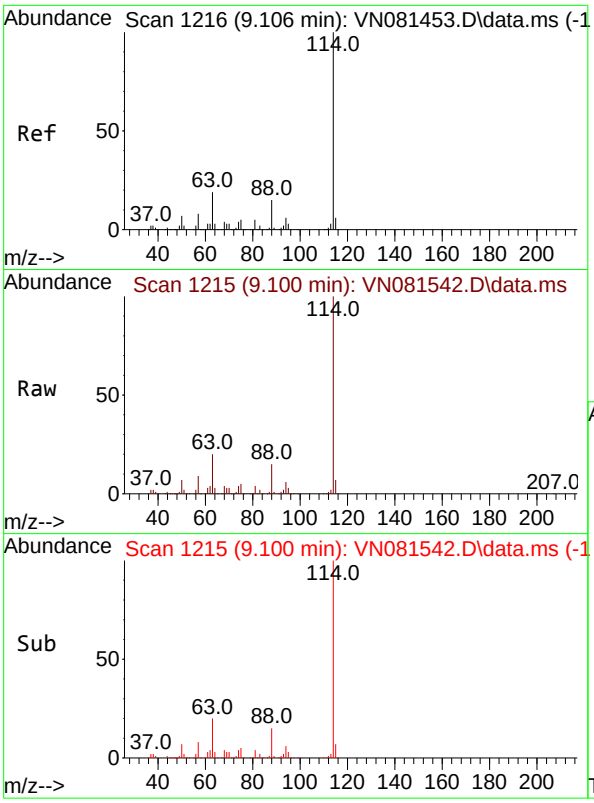


#33
1,2-Dichloroethane-d4
Concen: 49.791 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081542.D
Acq: 22 Mar 2024 12:52

Tgt Ion: 65 Resp: 303431

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	102.4



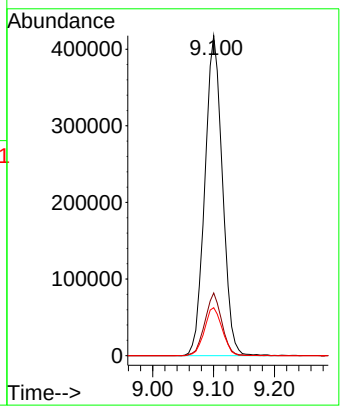


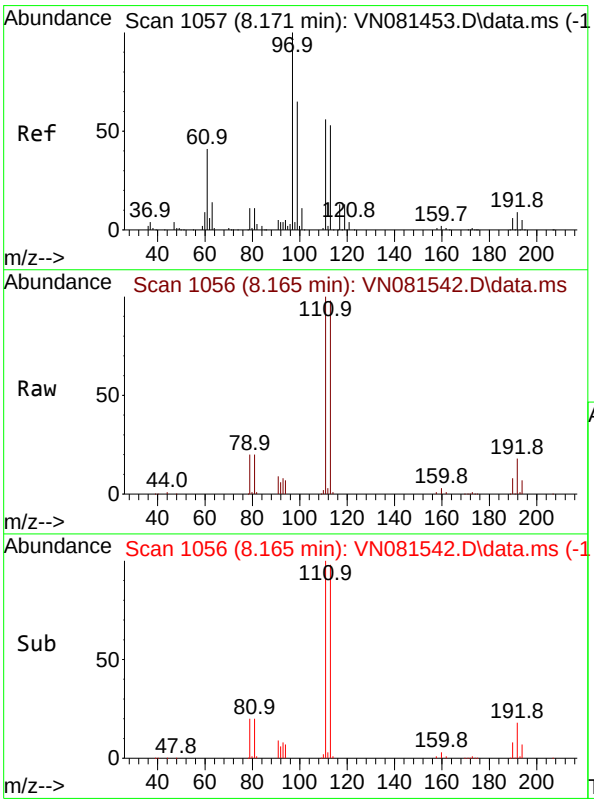
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN081542.D
Acq: 22 Mar 2024 12:52

Instrument :
MSVOA_N
ClientSampleId :
S-6DL

Tgt Ion:114 Resp: 837484

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	48.0
88	15.0	0.0	34.8

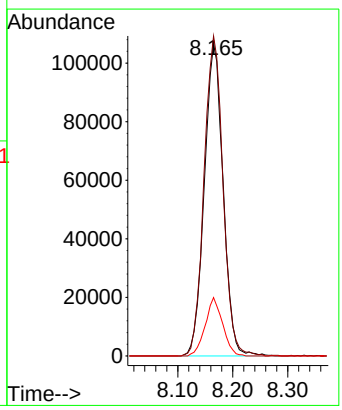


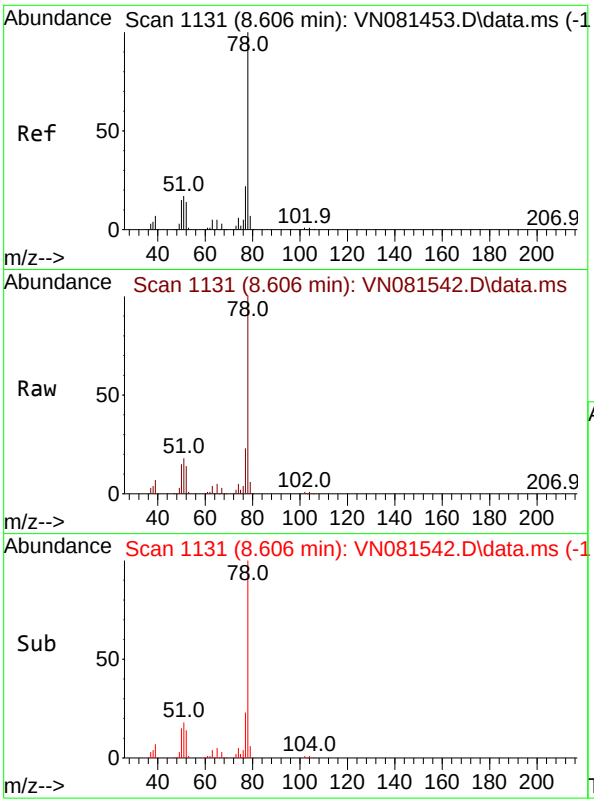


#35
Dibromofluoromethane
Concen: 48.003 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081542.D
Acq: 22 Mar 2024 12:52

Tgt Ion:113 Resp: 253716

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	17.3	12.5	18.7





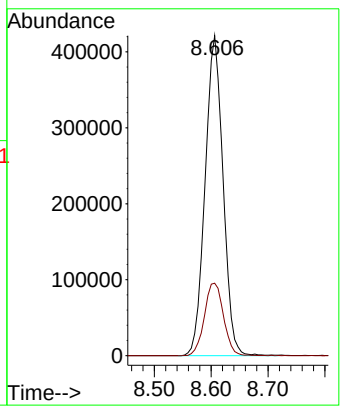
#40
Benzene
Concen: 35.464 ug/l
RT: 8.606 min Scan# 1

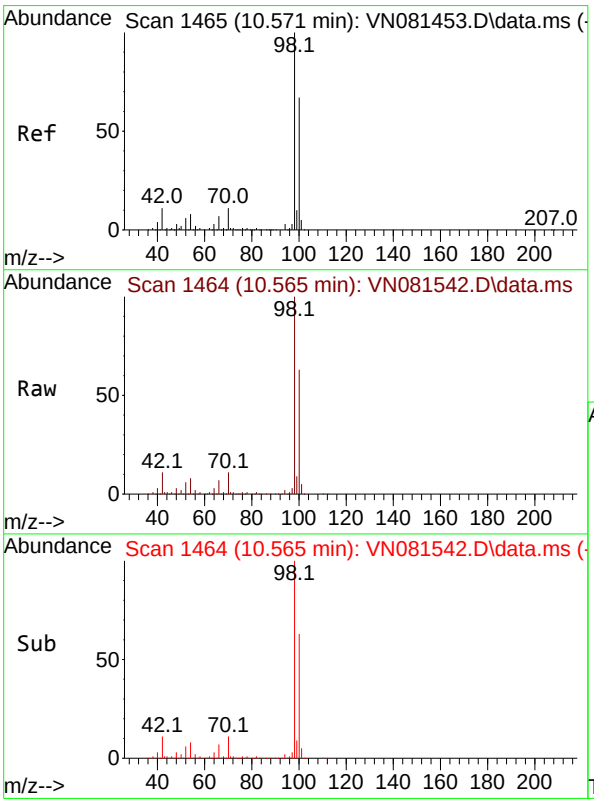
Instrument :
MSVOA_N
ClientSampleId :
S-6DL

Delta R.T. 0.000 min
Lab File: VN081542.D
Acq: 22 Mar 2024 12:52

Tgt Ion: 78 Resp: 922224

Ion	Ratio	Lower	Upper
78	100		
77	22.6	20.4	30.6

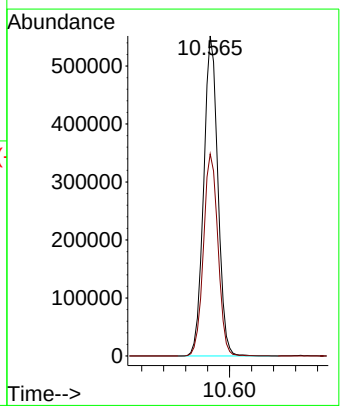


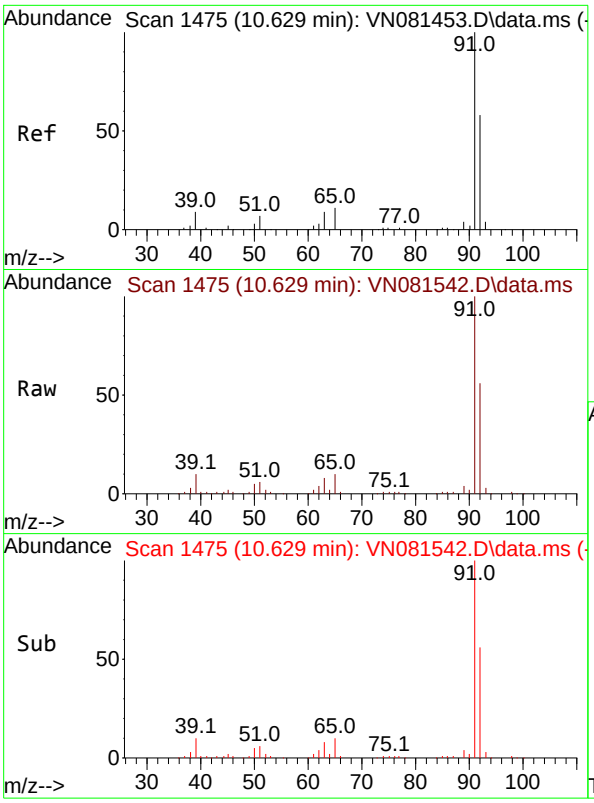


#50
Toluene-d8
Concen: 51.745 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081542.D
Acq: 22 Mar 2024 12:52

Tgt Ion: 98 Resp: 988632

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0



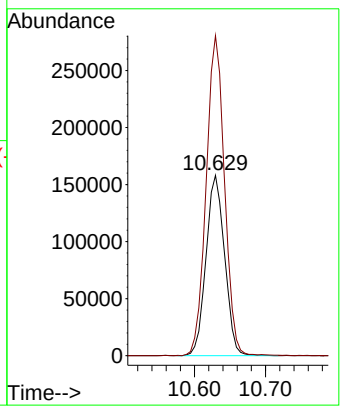


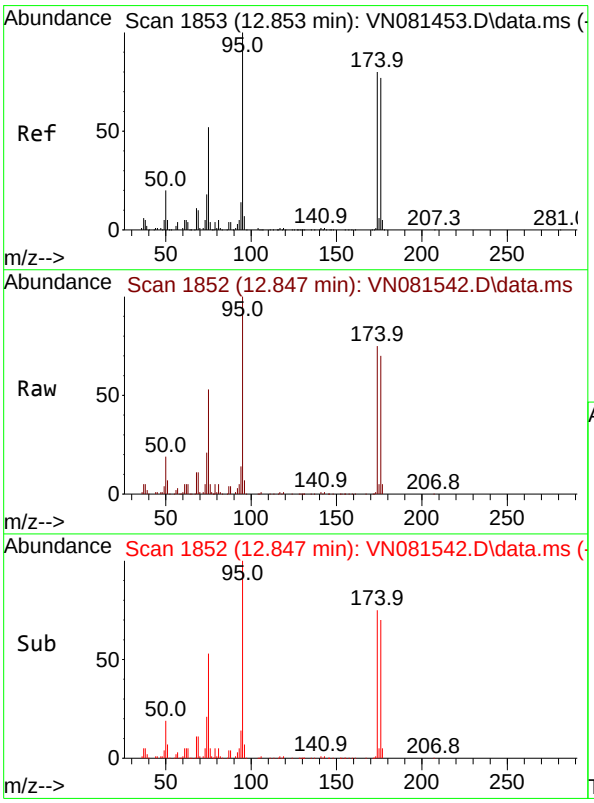
#52
Toluene
Concen: 17.371 ug/l
RT: 10.629 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN081542.D
Acq: 22 Mar 2024 12:52

Instrument :
MSVOA_N
ClientSampleId :
S-6DL

Tgt Ion: 92 Resp: 287111

Ion	Ratio	Lower	Upper
92	100		
91	175.5	139.4	209.0

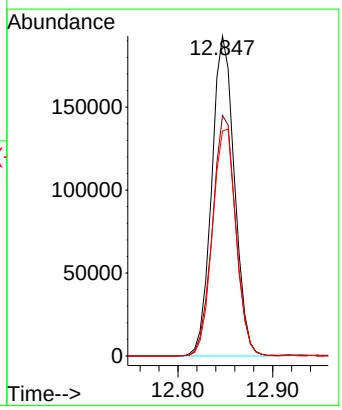


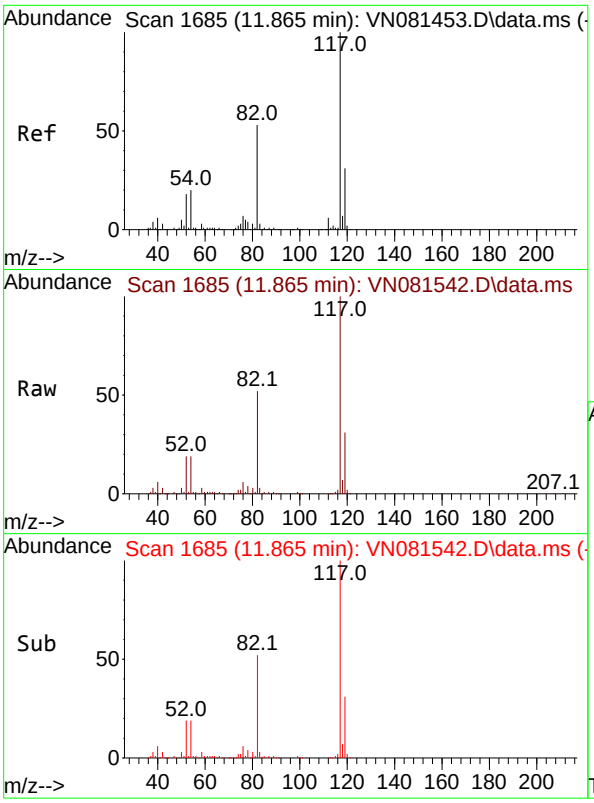


#62
4-Bromofluorobenzene
Concen: 47.850 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081542.D
Acq: 22 Mar 2024 12:52

Tgt Ion: 95 Resp: 322139

Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	120.4
176	73.7	0.0	121.0



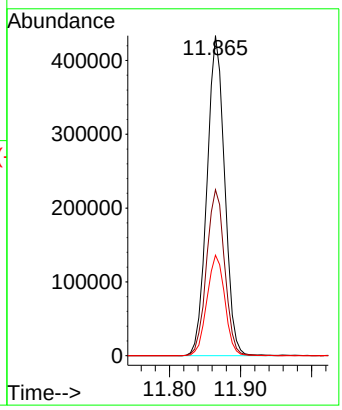


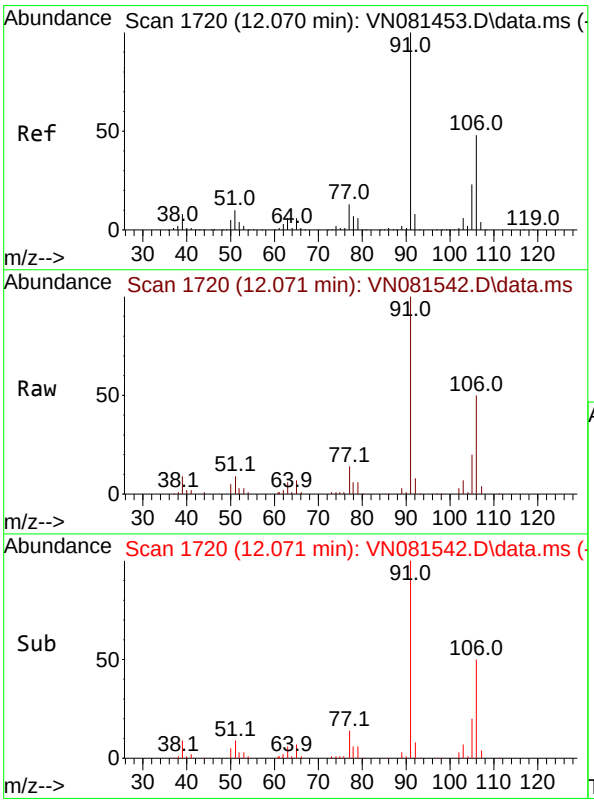
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN081542.D
Acq: 22 Mar 2024 12:52

Instrument :
MSVOA_N
ClientSampleId :
S-6DL

Tgt Ion:117 Resp: 748755

Ion	Ratio	Lower	Upper
117	100		
82	51.9	52.7	79.1#
119	31.4	25.3	37.9

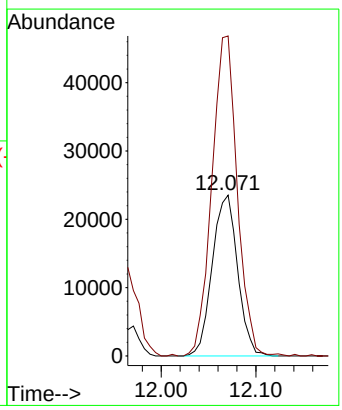


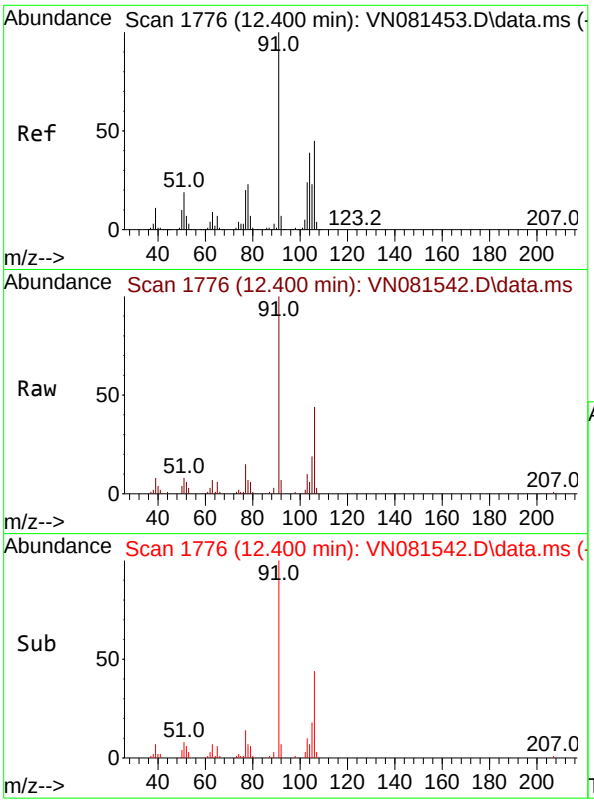


#68
m/p-Xylenes
Concen: 3.794 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081542.D
Acq: 22 Mar 2024 12:52

Tgt Ion:106 Resp: 43727

Ion	Ratio	Lower	Upper
106	100		
91	199.4	169.0	253.6



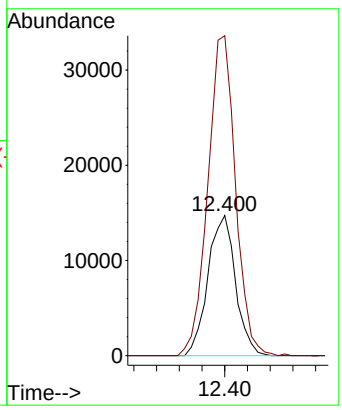


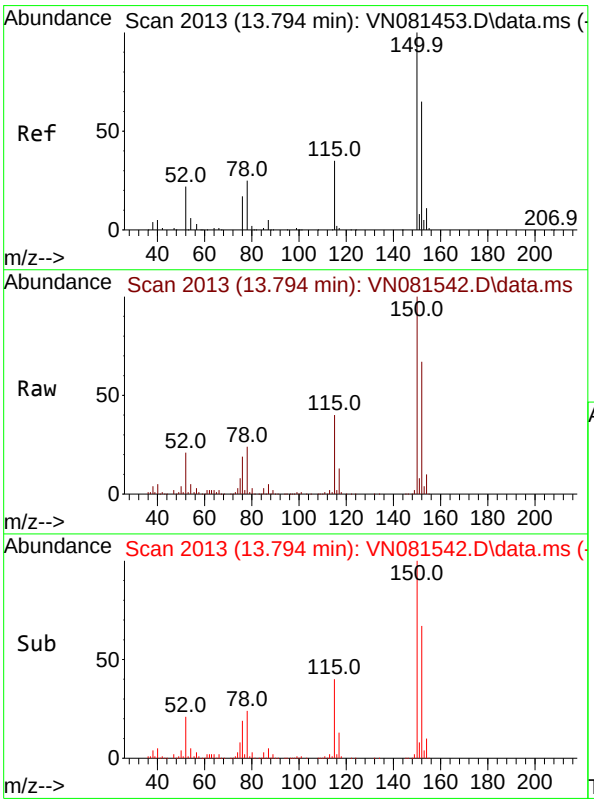
#69
o-Xylene
Concen: 2.194 ug/l
RT: 12.400 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN081542.D
Acq: 22 Mar 2024 12:52

Instrument :
MSVOA_N
ClientSampleId :
S-6DL

Tgt Ion:106 Resp: 24826

Ion	Ratio	Lower	Upper
106	100		
91	229.0	112.1	336.3

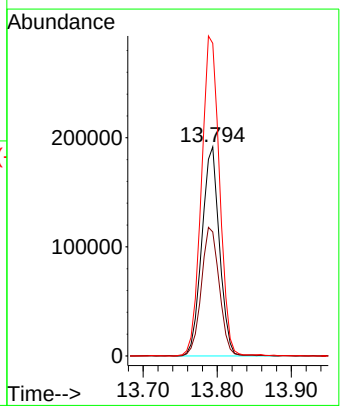


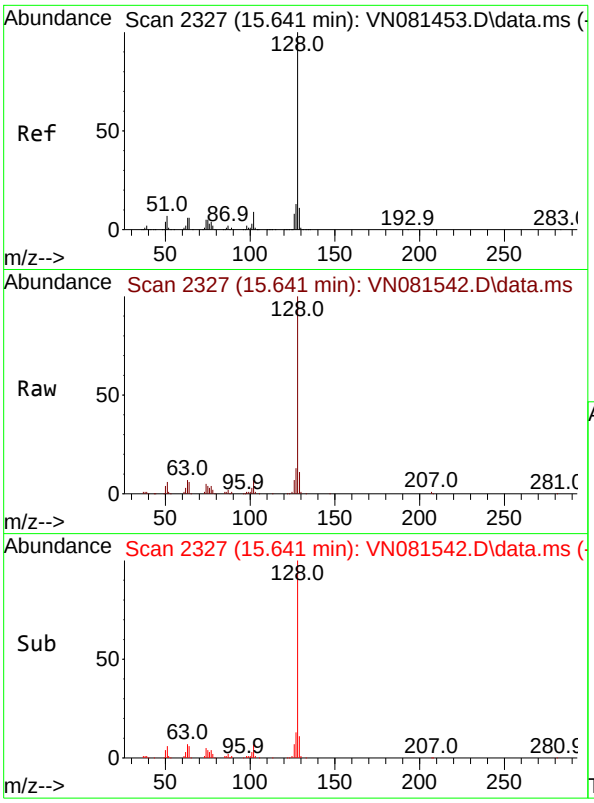


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081542.D
Acq: 22 Mar 2024 12:52

Tgt Ion:152 Resp: 316648

Ion	Ratio	Lower	Upper
152	100		
115	62.8	32.3	96.8
150	156.8	0.0	339.8





#95
Naphthalene
Concen: 11.496 ug/l
RT: 15.641 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN081542.D
Acq: 22 Mar 2024 12:52

Instrument :
MSVOA_N
ClientSampleId :
S-6DL

Tgt Ion:128 Resp: 253964

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	11.0	8.7	13.1