Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
Data File : VN083724.D
Acq On : 09 Sep 2024 18:12
Operator : JC\MD
Sample : P3802-08RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-170-082924RE

Quant Time: Sep 10 02:14:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	118460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	244678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97598	58.951	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.900%			
35) Dibromofluoromethane	8.165	113	79287	53.839	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.680%			
50) Toluene-d8	10.565	98	274660	47.888	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.780%			
62) 4-Bromofluorobenzene	12.847	95	130362	61.363	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 122.720%#			
Target Compounds						Qvalue
16) Acetone	4.442	43	10226	15.489	ug/l	95
25) 2-Butanone	7.488	43	1789	1.990	ug/l	96
52) Toluene	10.623	92	3140	0.727	ug/l	97
69) o-Xylene	12.400	106	3430	0.878	ug/l	99

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

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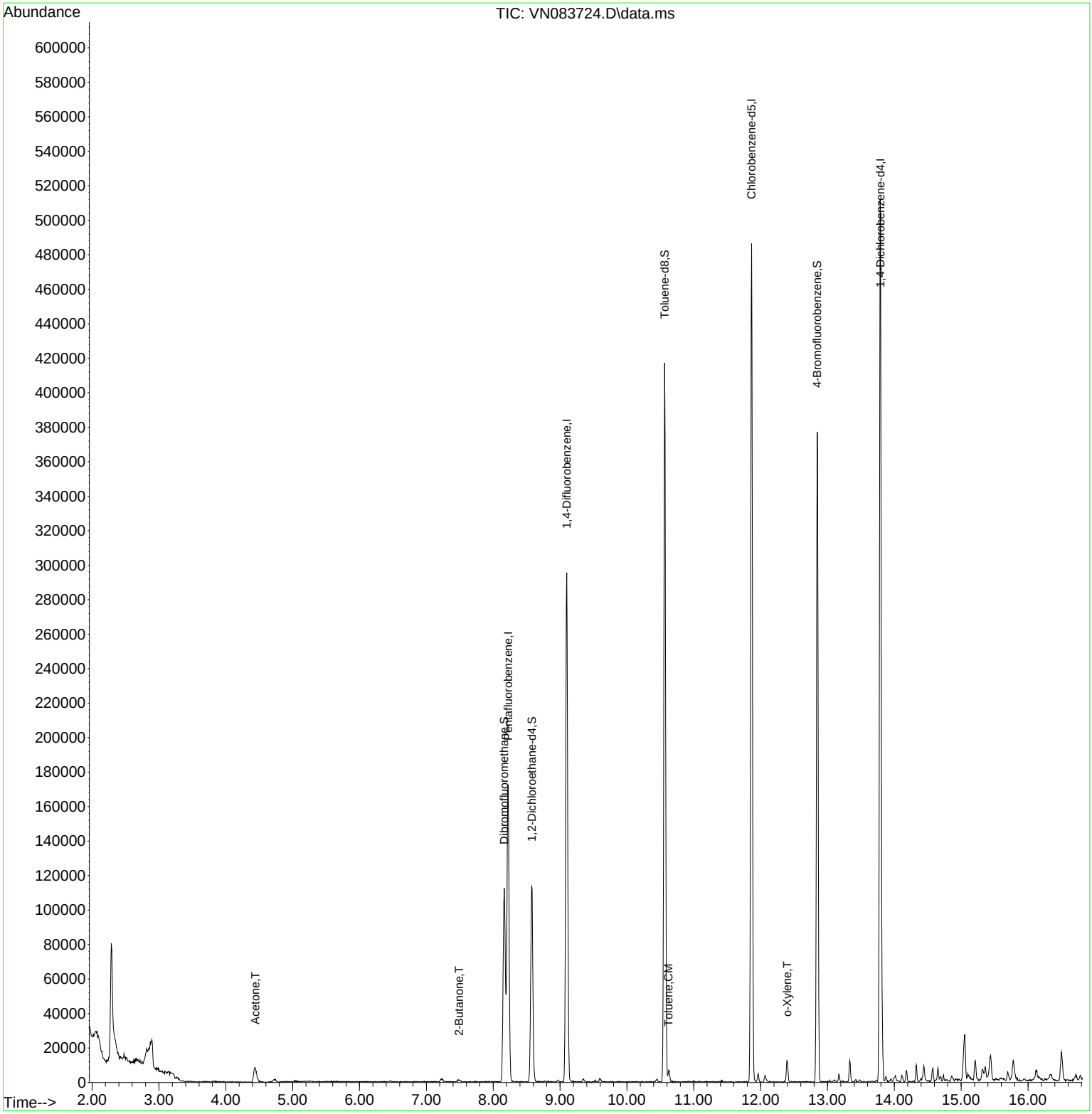
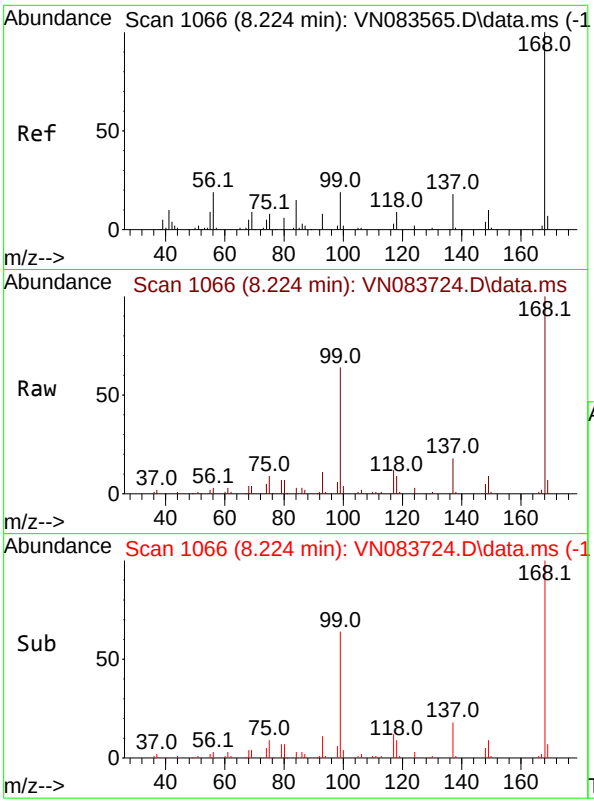


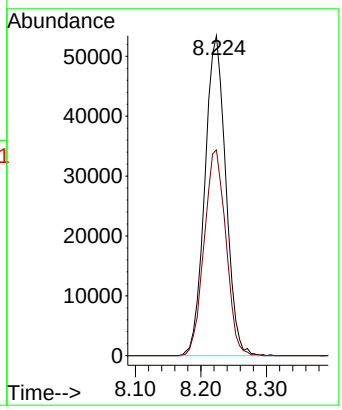


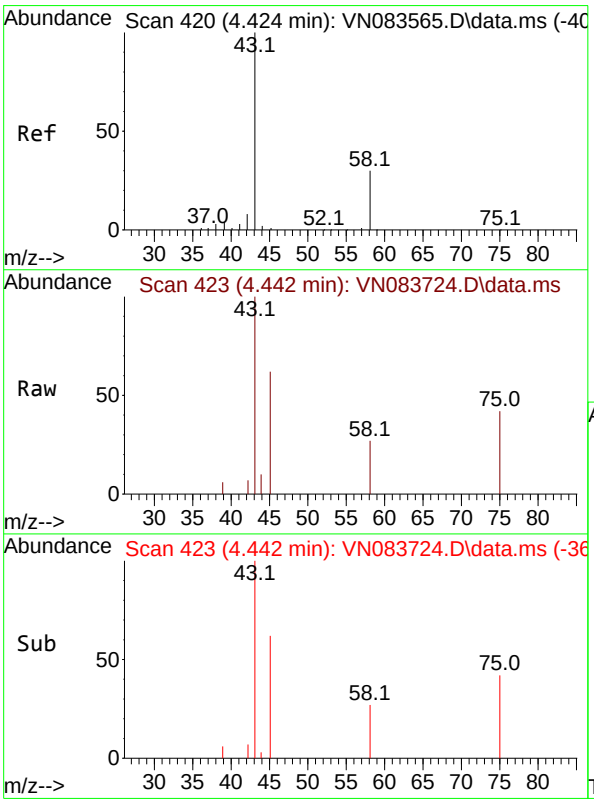
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083724.D
Acq: 09 Sep 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-170-082924RE

Tgt Ion:168 Resp: 118460

Ion	Ratio	Lower	Upper
168	100		
99	64.3	54.2	81.2

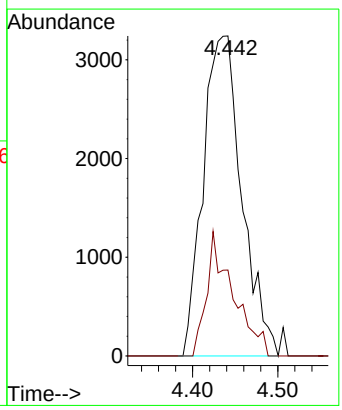


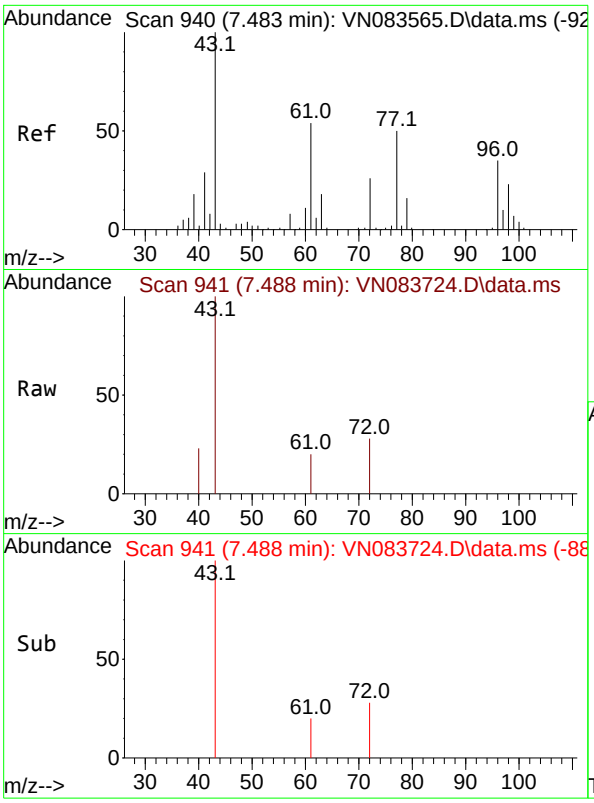


#16
Acetone
Concen: 15.489 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN083724.D
Acq: 09 Sep 2024 18:12

Tgt Ion: 43 Resp: 10226

Ion	Ratio	Lower	Upper
43	100		
58	26.9	23.7	35.5



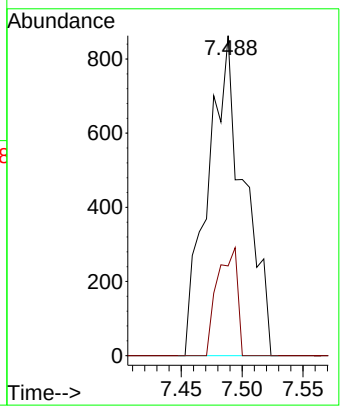


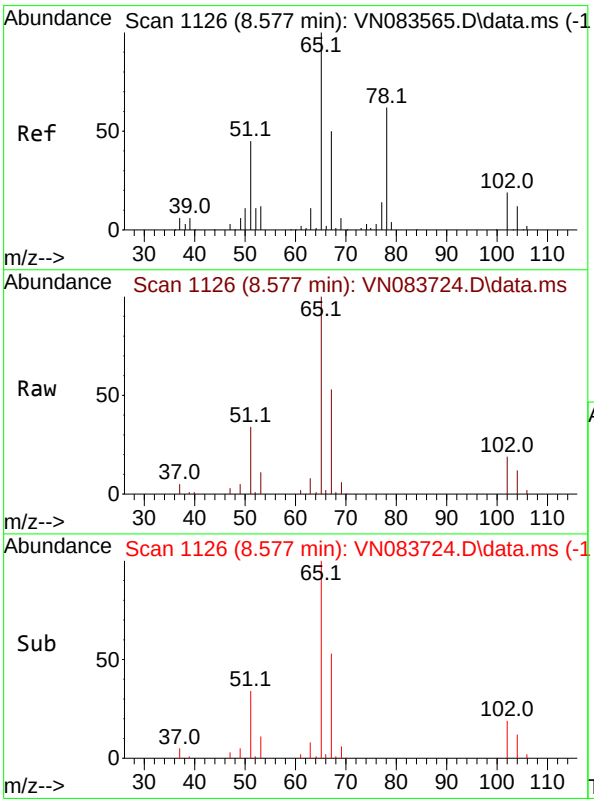
#25
2-Butanone
Concen: 1.990 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN083724.D
Acq: 09 Sep 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-170-082924RE

Tgt Ion: 43 Resp: 1789

Ion	Ratio	Lower	Upper
43	100		
72	28.0	20.8	31.2

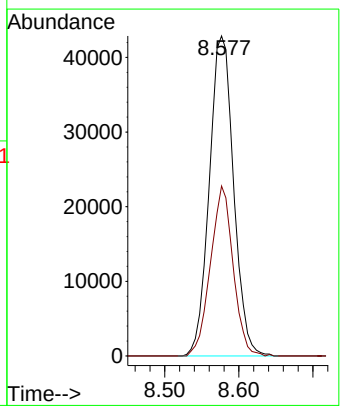


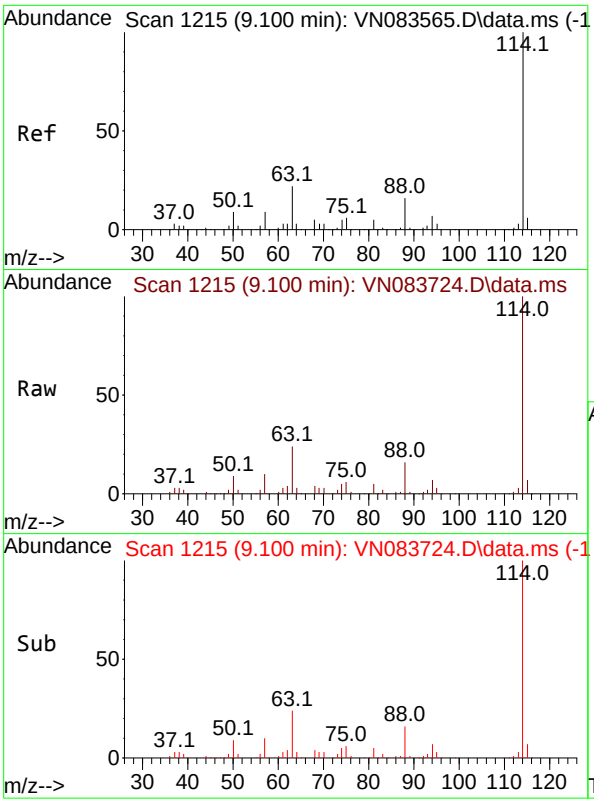


#33
1,2-Dichloroethane-d4
Concen: 58.951 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083724.D
Acq: 09 Sep 2024 18:12

Tgt Ion: 65 Resp: 97598

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	100.8



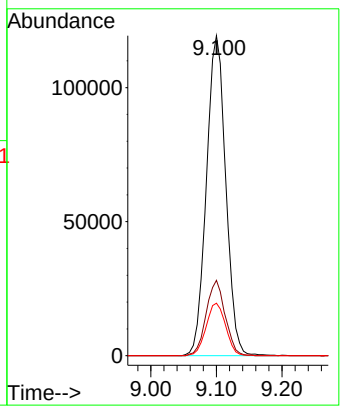


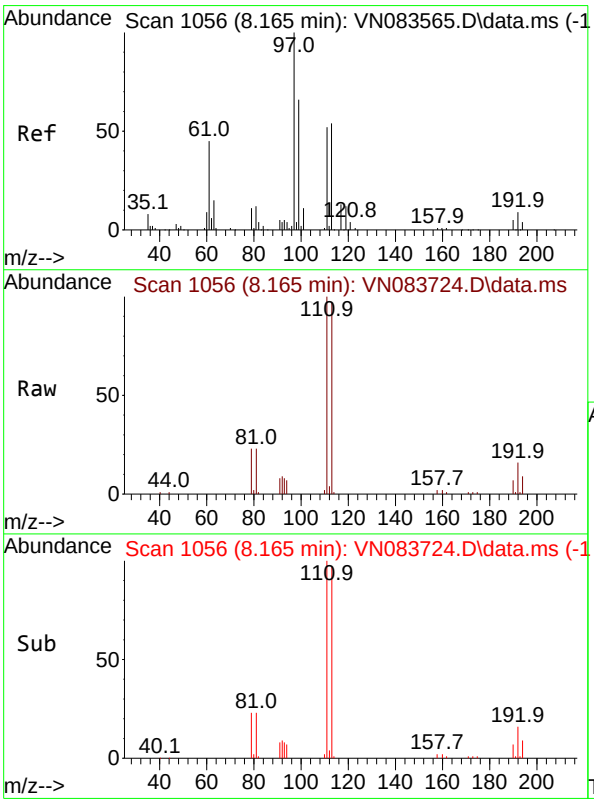
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083724.D
Acq: 09 Sep 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-170-082924RE

Tgt Ion:114 Resp: 244678

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	43.4
88	16.4	0.0	32.6

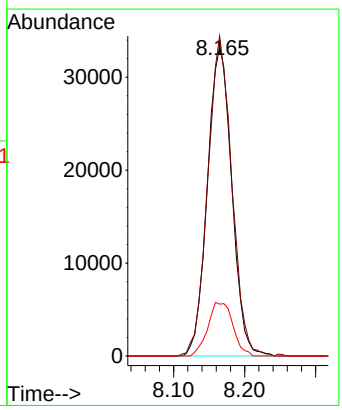


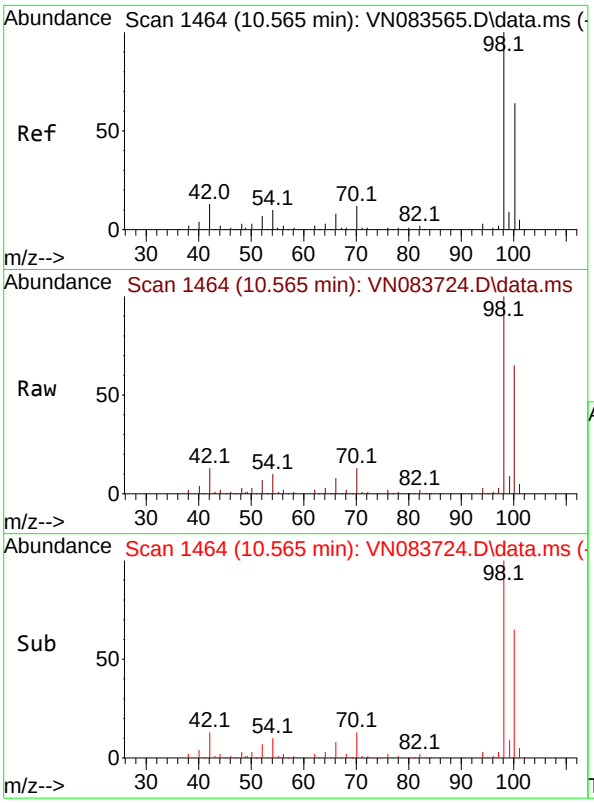


#35
Dibromofluoromethane
Concen: 53.839 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083724.D
Acq: 09 Sep 2024 18:12

Tgt Ion:113 Resp: 79287

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	17.8	14.3	21.5



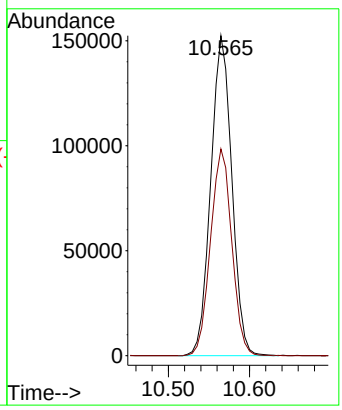


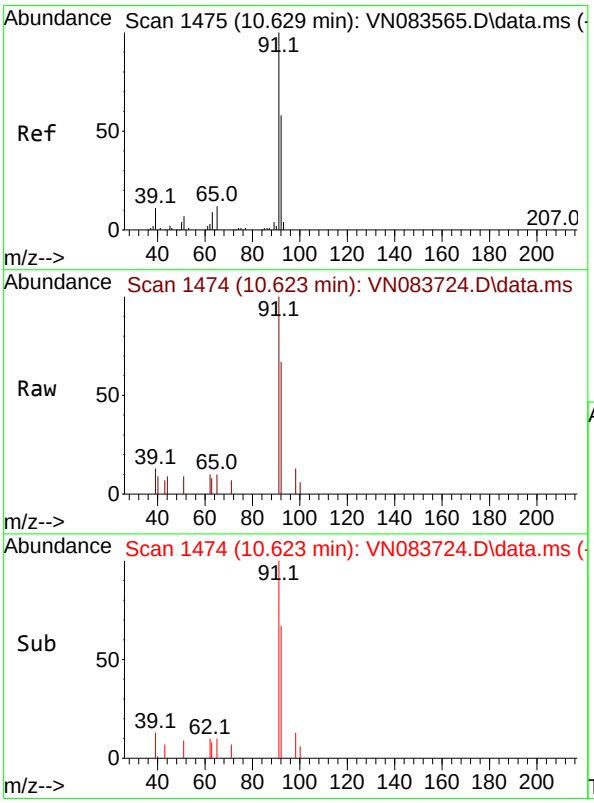
#50
Toluene-d8
Concen: 47.888 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN083724.D
Acq: 09 Sep 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-170-082924RE

Tgt Ion: 98 Resp: 274660

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.0	78.0

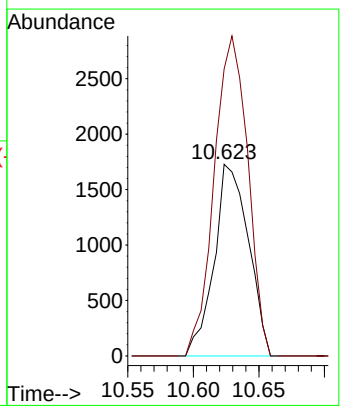


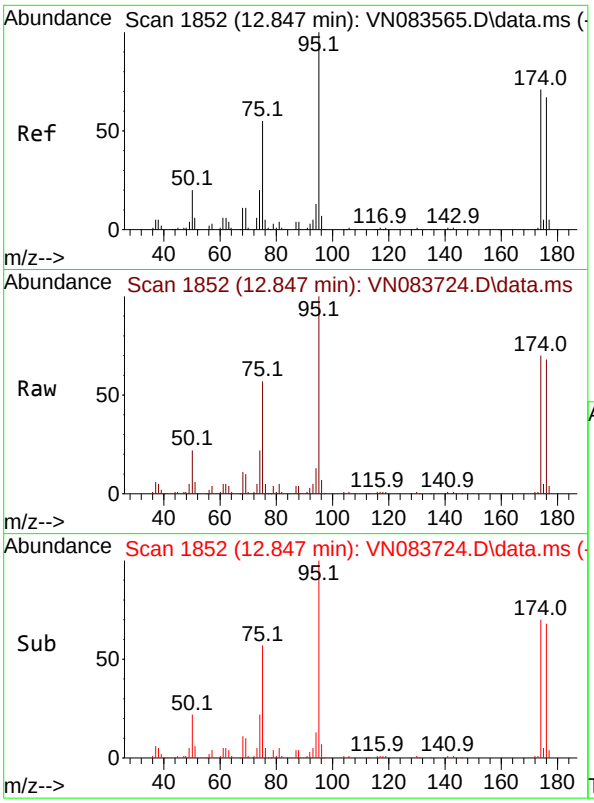


#52
Toluene
Concen: 0.727 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN083724.D
Acq: 09 Sep 2024 18:12

Tgt Ion: 92 Resp: 3140

Ion	Ratio	Lower	Upper
92	100		
91	164.1	134.7	202.1



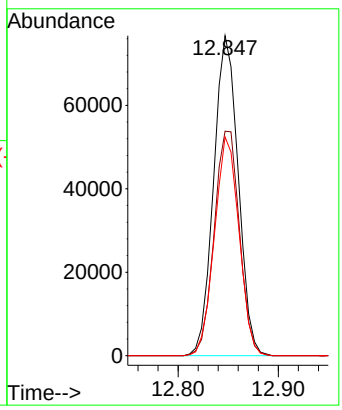


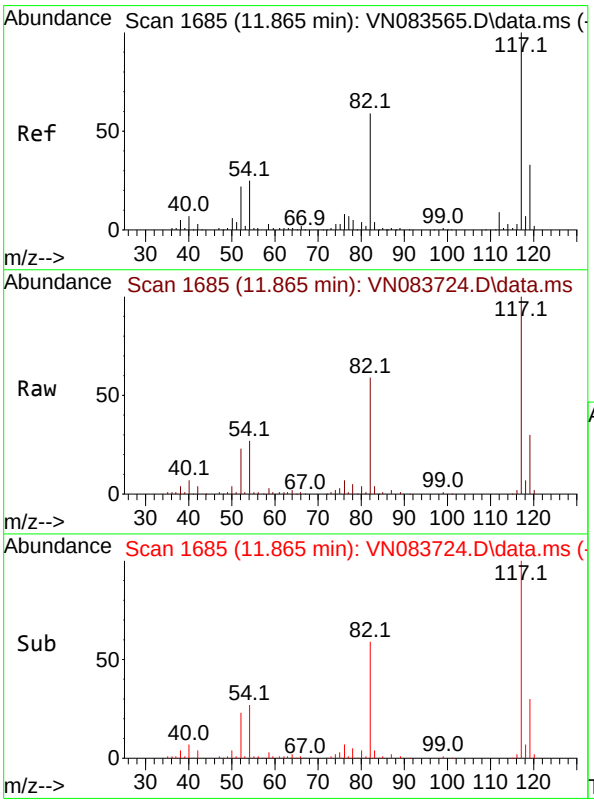
#62
4-Bromofluorobenzene
Concen: 61.363 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083724.D
Acq: 09 Sep 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-170-082924RE

Tgt Ion: 95 Resp: 130362

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	139.8
176	68.5	0.0	131.4

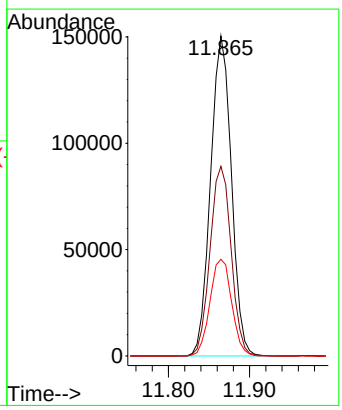


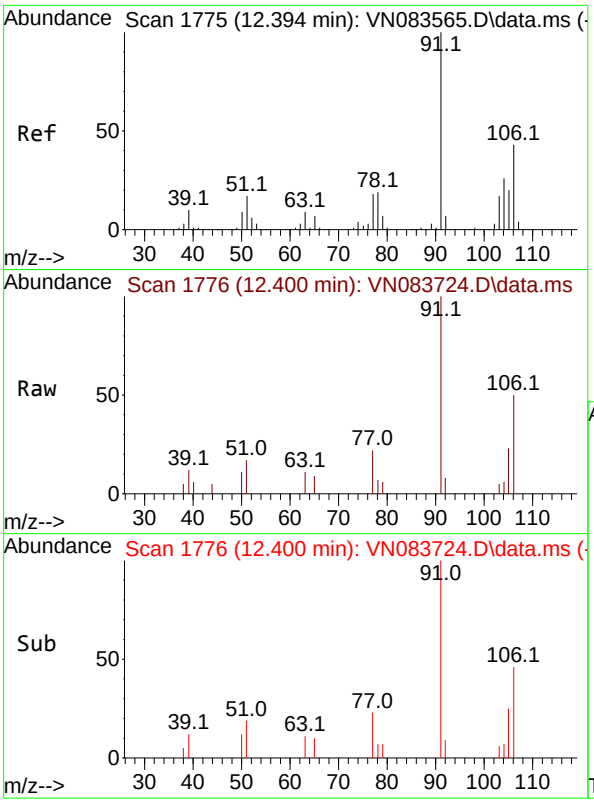


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083724.D
Acq: 09 Sep 2024 18:12

Tgt Ion:117 Resp: 268058

Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.4	71.0
119	30.2	26.3	39.5



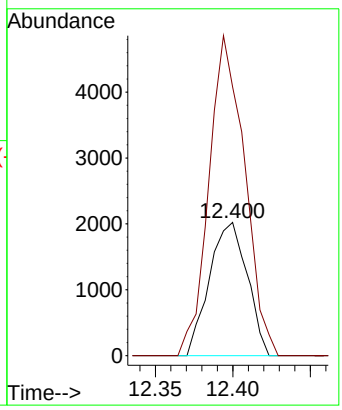


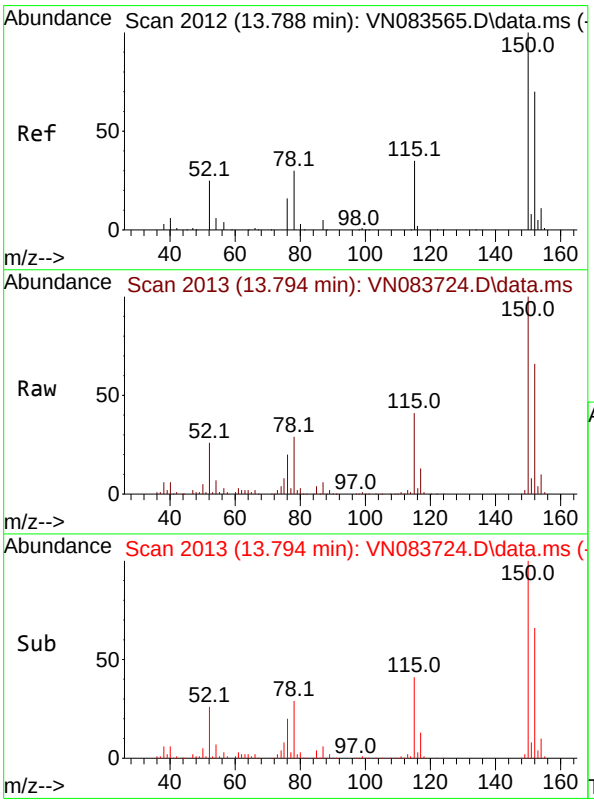
#69
o-Xylene
Concen: 0.878 ug/l
RT: 12.400 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN083724.D
Acq: 09 Sep 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-170-082924RE

Tgt Ion:106 Resp: 3430

Ion	Ratio	Lower	Upper
106	100		
91	226.9	112.9	338.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083724.D
Acq: 09 Sep 2024 18:12

Tgt Ion:152 Resp: 130900

Ion	Ratio	Lower	Upper
152	100		
115	65.6	32.2	96.6
150	158.3	0.0	348.6