Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080921\
Data File : VN068039.D
Acq On : 9 Aug 2021 15:31
Operator : JC/MD
Sample : PB138251ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB138251ZHE#01

Quant Time: Aug 10 03:50:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	336448	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	641560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	676606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	238853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	254281	53.387	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.780%			
35) Dibromofluoromethane	8.021	113	197421	52.802	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.600%			
50) Toluene-d8	10.443	98	841214	48.847	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.700%			
62) 4-Bromofluorobenzene	12.736	95	282216	45.212	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.420%			
Target Compounds						Qvalue
16) Acetone	4.291	43	34271	19.720	ug/l	99
20) Methylene Chloride	5.095	84	42170	10.283	ug/l	90
25) 2-Butanone	7.345	43	24457	9.700	ug/l	97
43) Isopropyl Acetate	8.568	43	42910	4.611	ug/l	93
95) Naphthalene	15.509	128	10824	4.139	ug/l #	94

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

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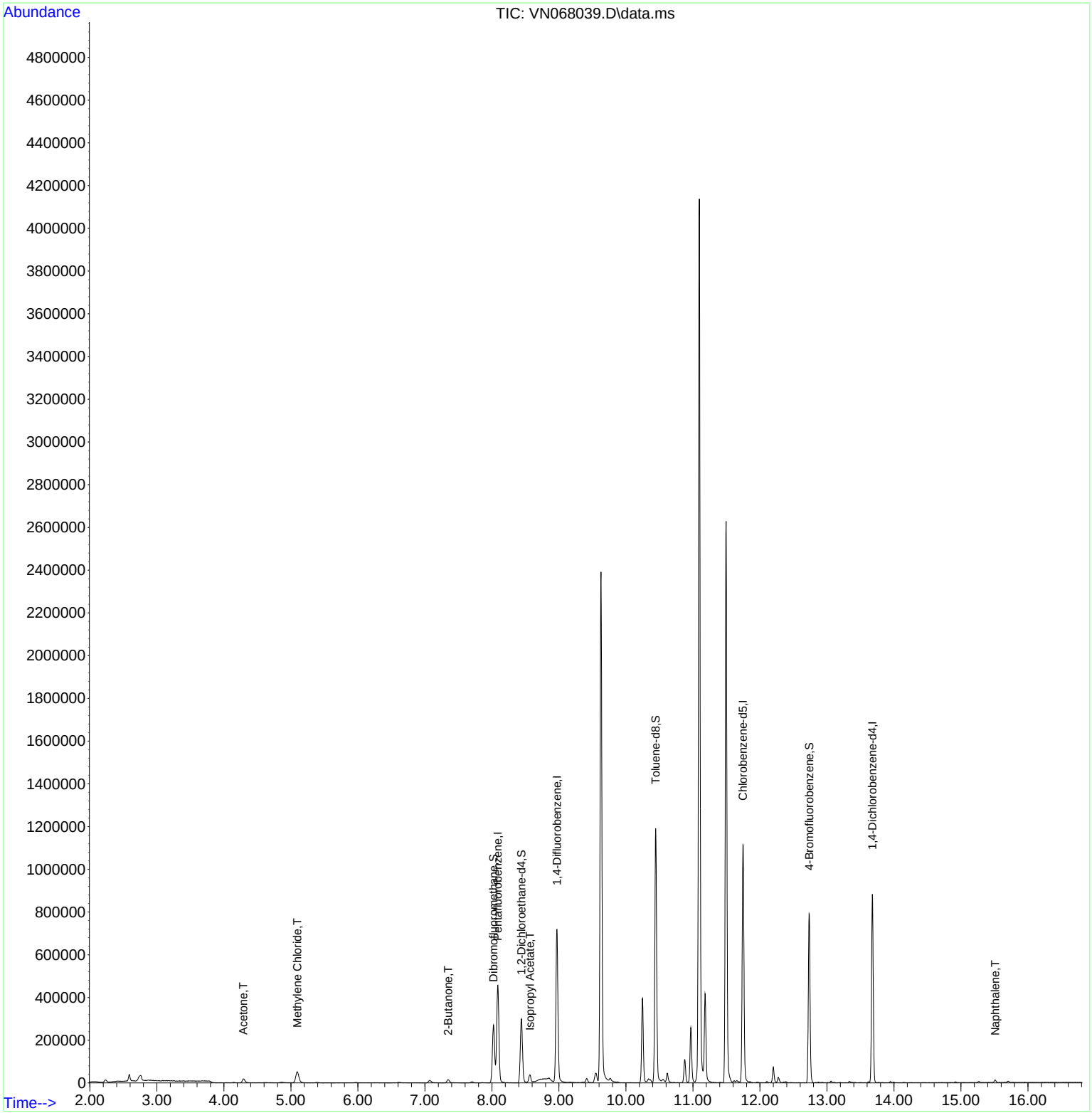
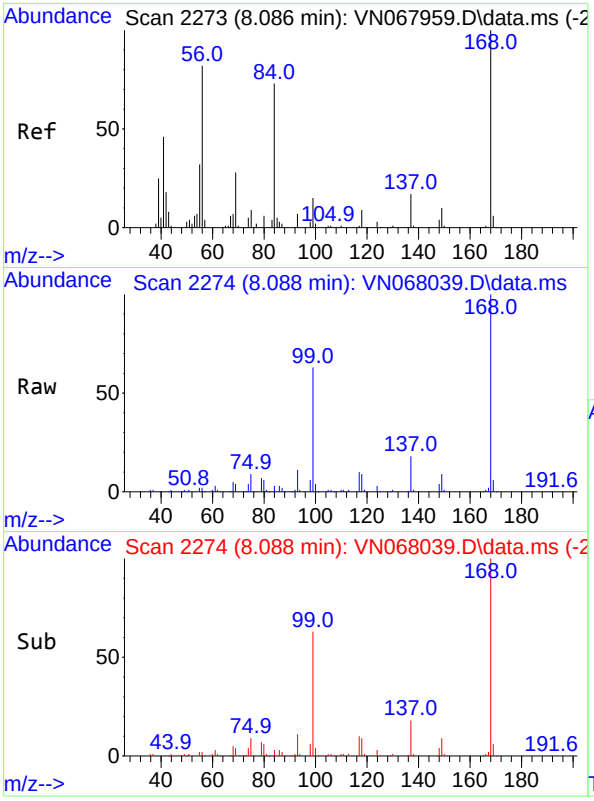


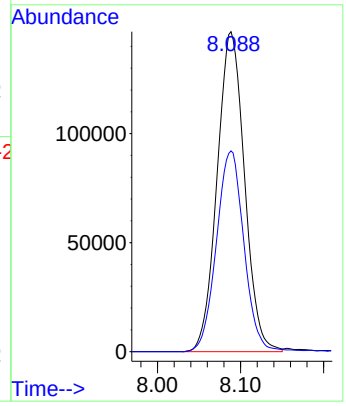
Instrument :
MSVOA_N
ClientSampleId :
PB138251ZHE#01

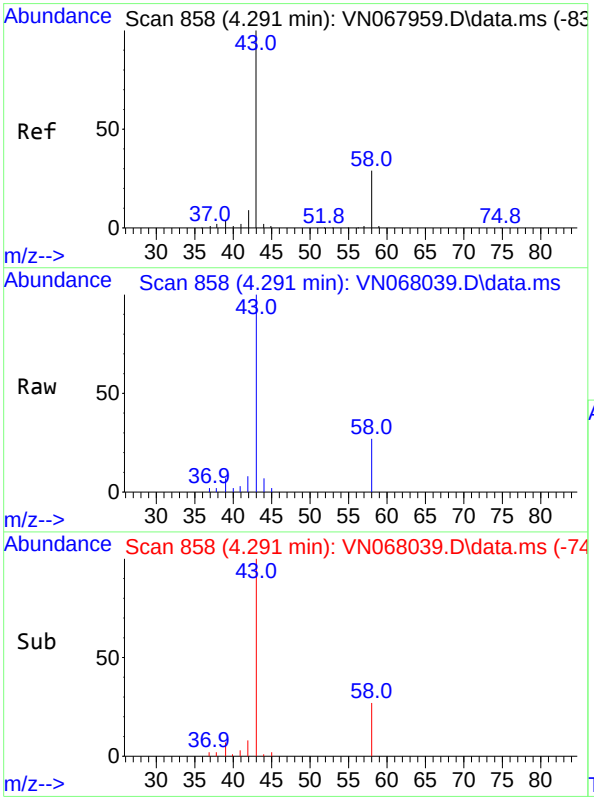


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068039.D
Acq: 9 Aug 2021 15:31

Tgt Ion:168 Resp: 336448

Ion	Ratio	Lower	Upper
168	100		
99	62.8	62.9	94.3#

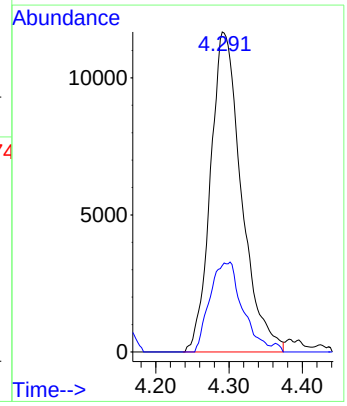




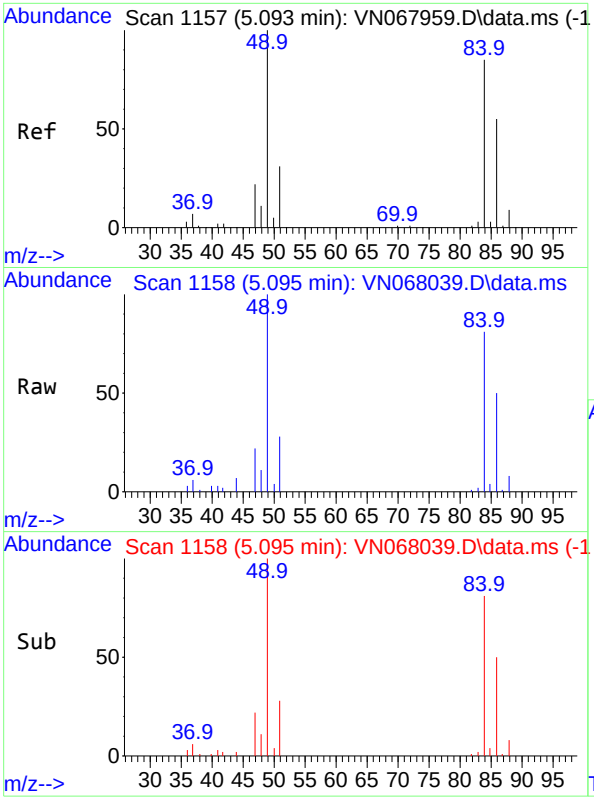
#16
Acetone
Concen: 19.720 ug/l
RT: 4.291 min Scan# 858
Delta R.T. -0.000 min
Lab File: VN068039.D
Acq: 9 Aug 2021 15:31

Tgt Ion: 43 Resp: 34271

Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.2	31.8



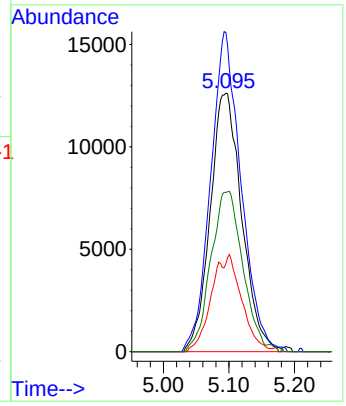
Instrument :
MSVOA_N
ClientSampleId :
PB138251ZHE#01

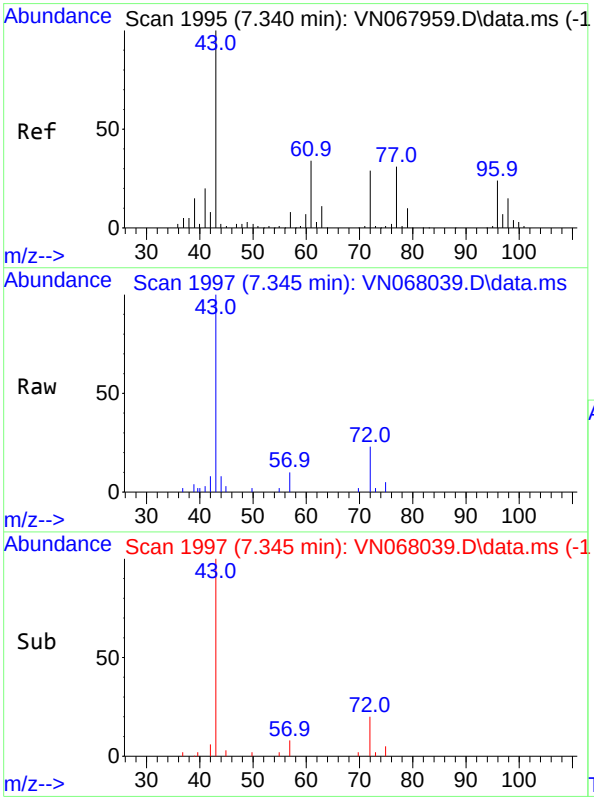


#20
Methylene Chloride
Concen: 10.283 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.002 min
Lab File: VN068039.D
Acq: 9 Aug 2021 15:31

Tgt Ion: 84 Resp: 42170

Ion	Ratio	Lower	Upper
84	100		
49	123.5	110.9	166.3
51	34.0	32.6	49.0
86	61.6	51.6	77.4

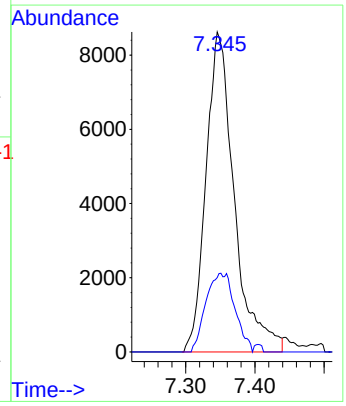




#25
2-Butanone
Concen: 9.700 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.005 min
Lab File: VN068039.D
Acq: 9 Aug 2021 15:31

Tgt Ion: 43 Resp: 24457

Ion	Ratio	Lower	Upper
43	100		
72	23.2	19.7	29.5



Instrument :
MSVOA_N
ClientSampleId :
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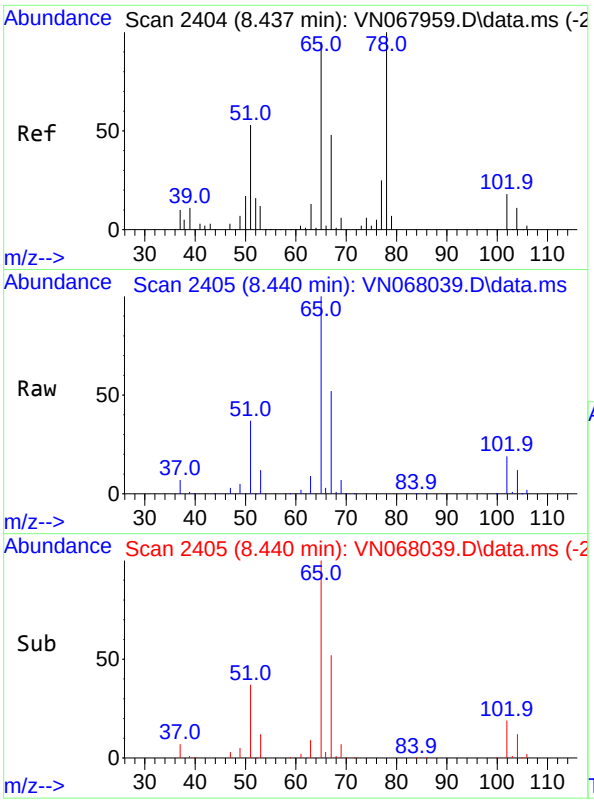
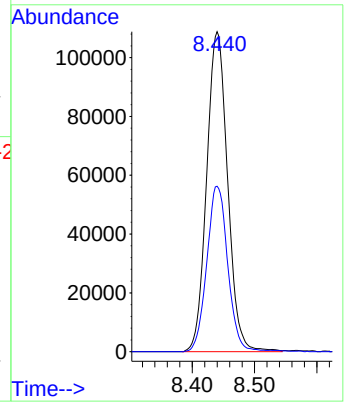
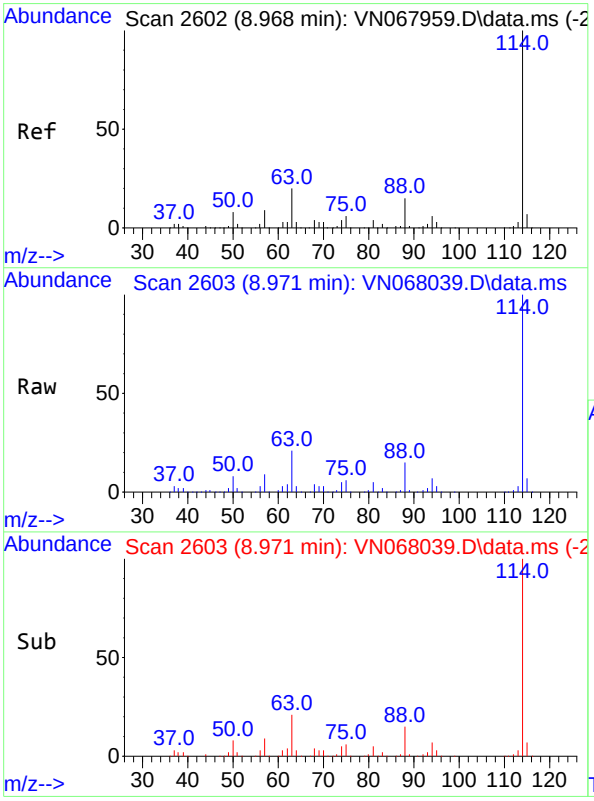


#33
1,2-Dichloroethane-d4
Concen: 53.387 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068039.D
Acq: 9 Aug 2021 15:31

Tgt Ion: 65 Resp: 254281

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	98.6

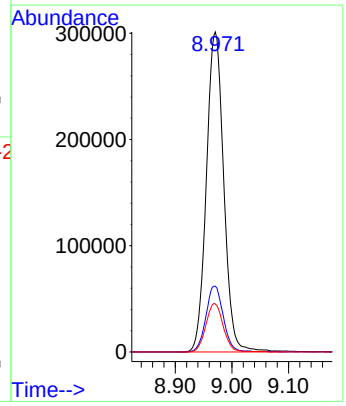




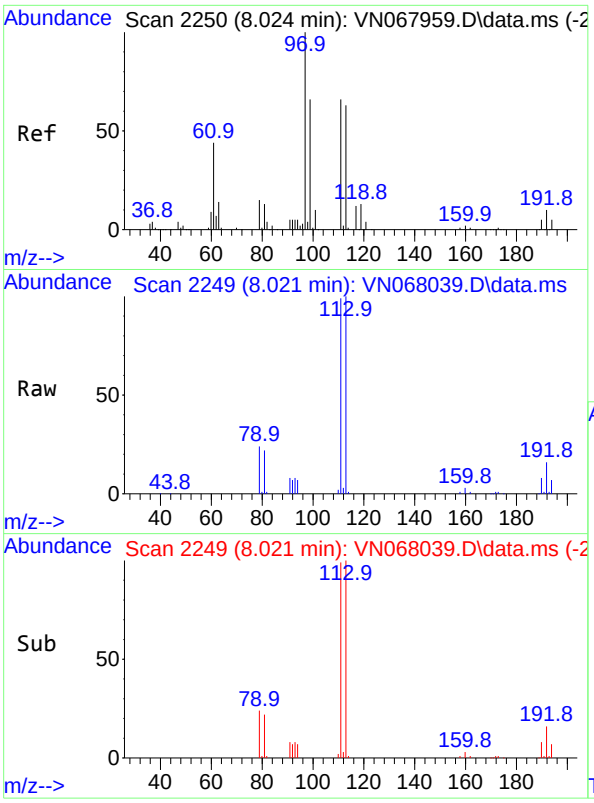
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068039.D
Acq: 9 Aug 2021 15:31

Tgt Ion:114 Resp: 641560

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	49.0
88	15.0	0.0	36.6



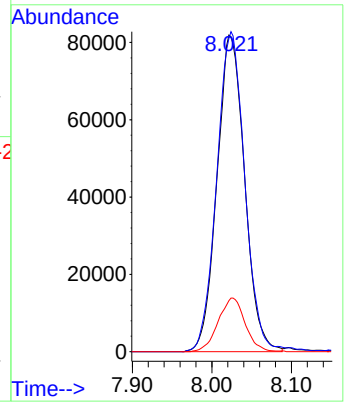
Instrument :
MSVOA_N
ClientSampleId :
PB138251ZHE#01

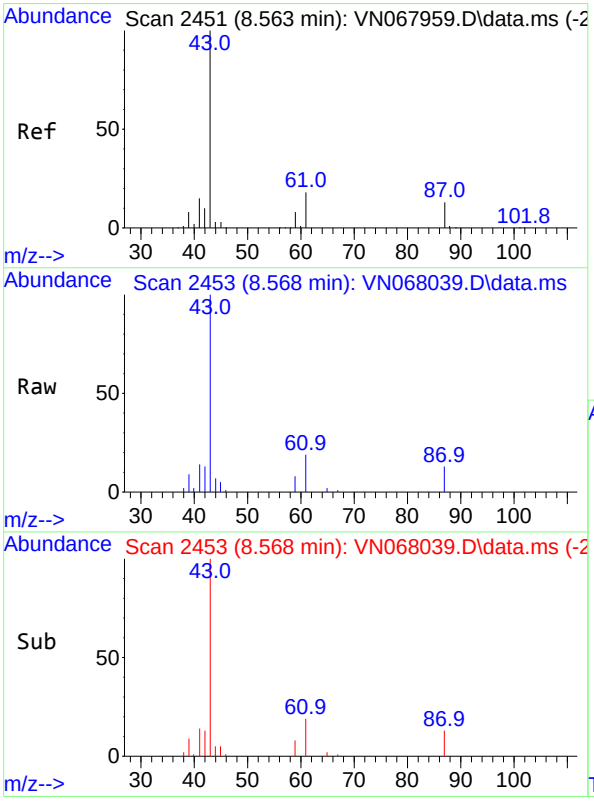


#35
Dibromofluoromethane
Concen: 52.802 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN068039.D
Acq: 9 Aug 2021 15:31

Tgt Ion:113 Resp: 197421

Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.8	125.8
192	16.6	13.4	20.0

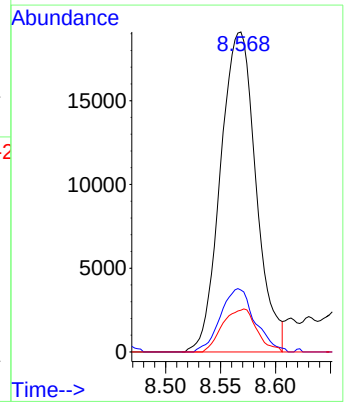


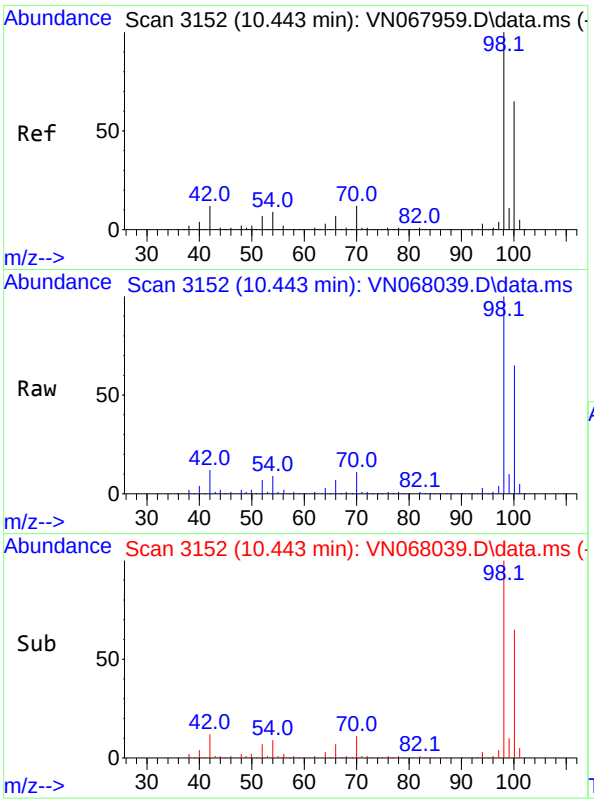


#43
Isopropyl Acetate
Concen: 4.611 ug/l
RT: 8.568 min Scan# 2453
Delta R.T. 0.005 min
Lab File: VN068039.D
Acq: 9 Aug 2021 15:31

Tgt Ion: 43 Resp: 42910

Ion	Ratio	Lower	Upper
43	100		
61	19.2	19.0	28.4
87	12.9	9.5	14.3

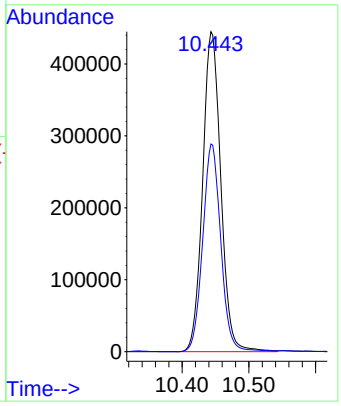




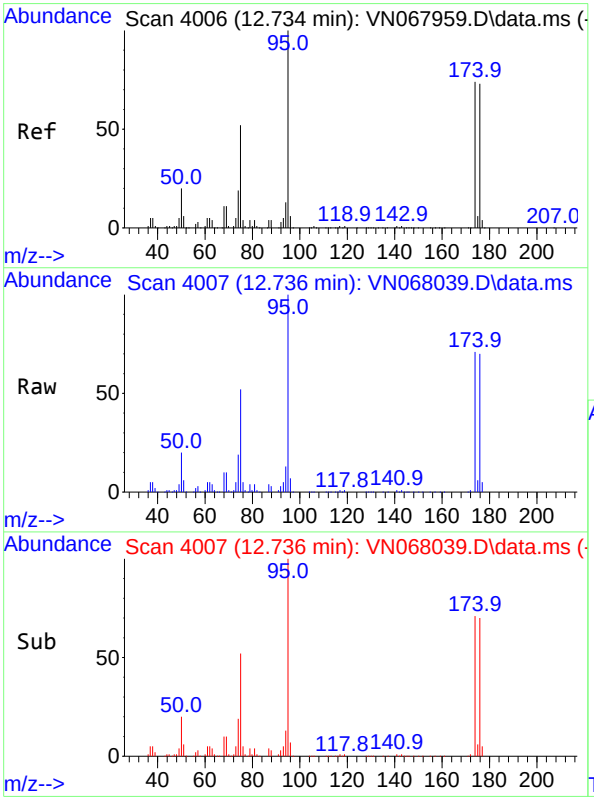
#50
Toluene-d8
Concen: 48.847 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068039.D
Acq: 9 Aug 2021 15:31

Tgt Ion: 98 Resp: 841214

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.7	77.5



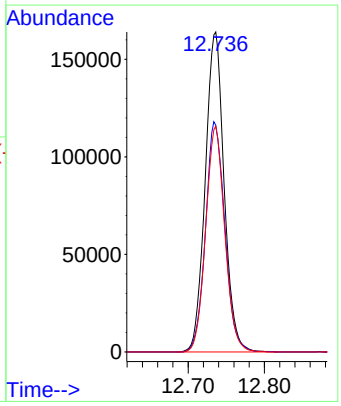
Instrument :
MSVOA_N
ClientSampleId :
PB138251ZHE#01

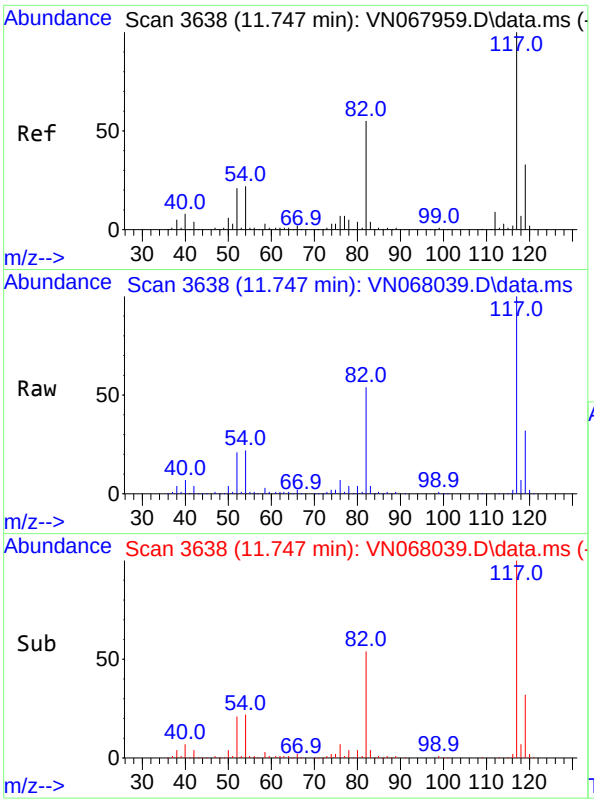


#62
4-Bromofluorobenzene
Concen: 45.212 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068039.D
Acq: 9 Aug 2021 15:31

Tgt Ion: 95 Resp: 282216

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	122.0
176	71.1	0.0	117.6

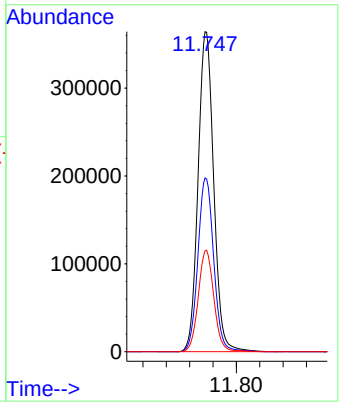




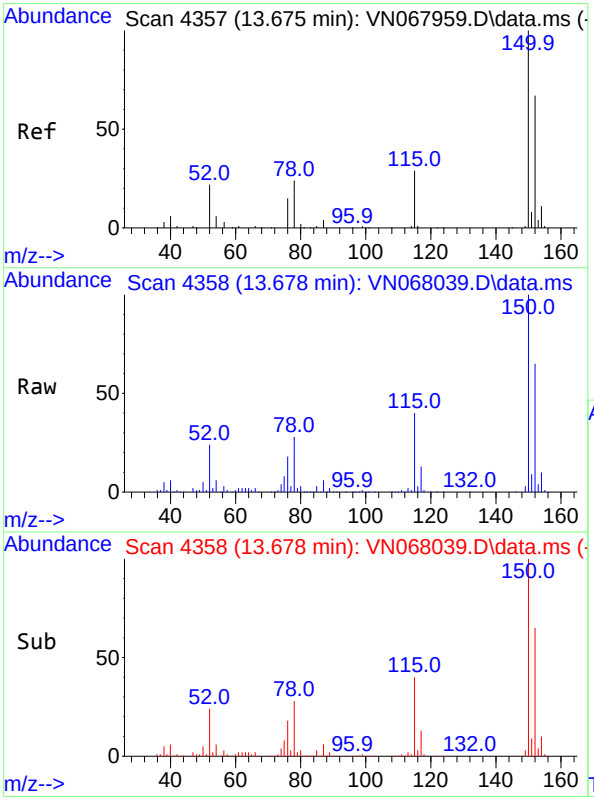
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068039.D
Acq: 9 Aug 2021 15:31

Tgt Ion:117 Resp: 676606

Ion	Ratio	Lower	Upper
117	100		
82	54.3	53.1	79.7
119	31.5	25.5	38.3



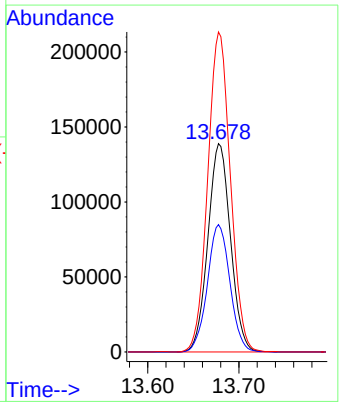
Instrument :
MSVOA_N
ClientSampleId :
PB138251ZHE#01

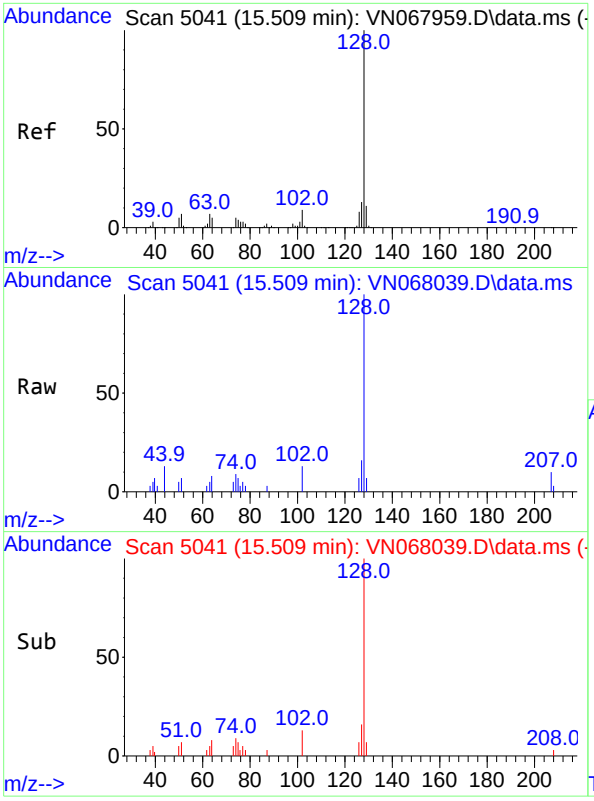


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068039.D
Acq: 9 Aug 2021 15:31

Tgt Ion:152 Resp: 238853

Ion	Ratio	Lower	Upper
152	100		
115	61.1	36.1	108.5
150	154.1	0.0	351.8

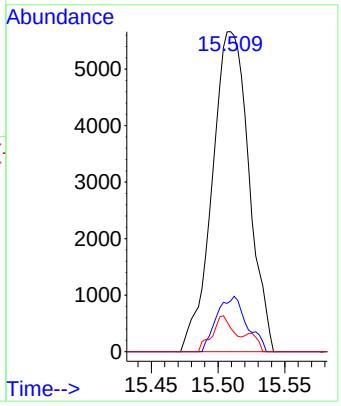




#95
Naphthalene
Concen: 4.139 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068039.D
Acq: 9 Aug 2021 15:31

Tgt Ion:128 Resp: 10824

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.6	15.8
129	6.5	8.6	12.8#



Instrument :
MSVOA_N
ClientSampleId :
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