Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
Data File : VN079095.D
Acq On : 29 Aug 2023 15:41
Operator : JC\MD
Sample : PB155153ZHE#04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#04

Quant Time: Aug 29 23:30:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	142748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	277989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	285872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	82228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	114379	51.492	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.980%			
35) Dibromofluoromethane	8.177	113	98295	52.528	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.060%			
50) Toluene-d8	10.571	98	372425	53.600	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.200%			
62) 4-Bromofluorobenzene	12.853	95	108602	47.819	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.640%			
Target Compounds						Qvalue
16) Acetone	4.442	43	22612	24.671	ug/l #	85
20) Methylene Chloride	5.277	84	18120	9.277	ug/l #	87
25) 2-Butanone	7.506	43	8090	5.505	ug/l #	59
43) Isopropyl Acetate	8.694	43	159052	28.572	ug/l #	77
51) 4-Methyl-2-Pentanone	10.453	43	30821	9.335	ug/l #	80

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

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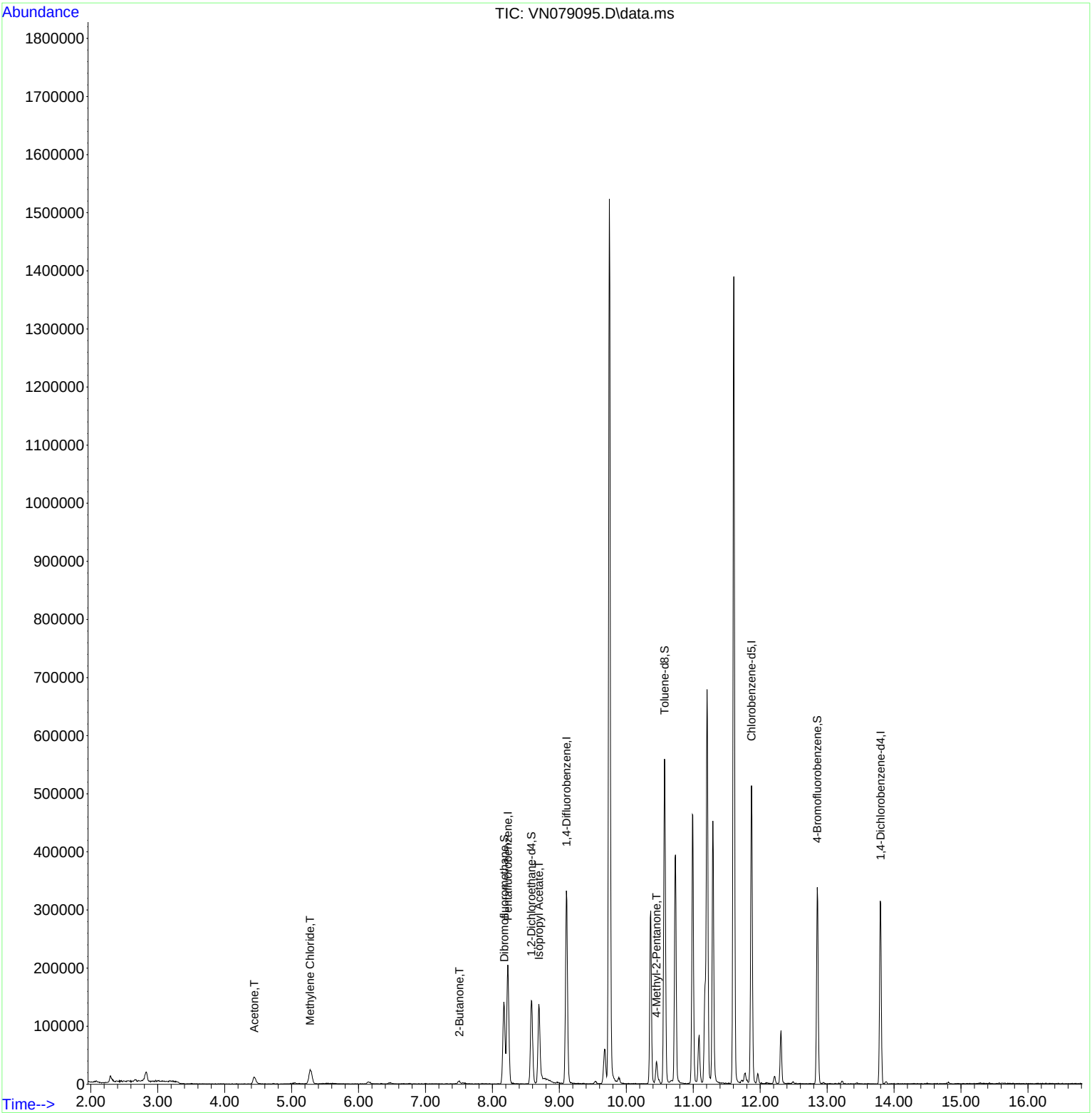
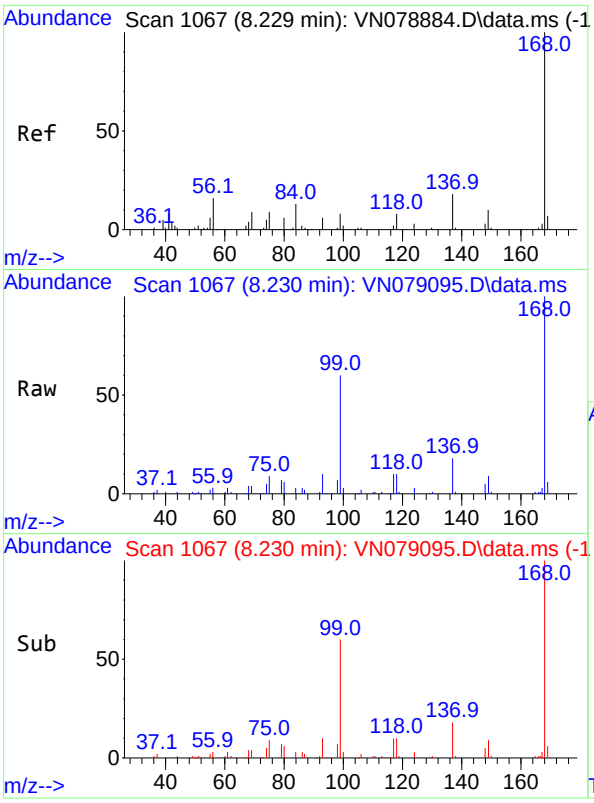


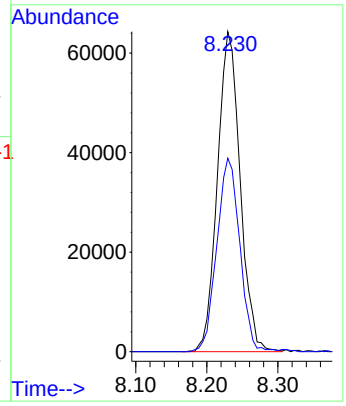


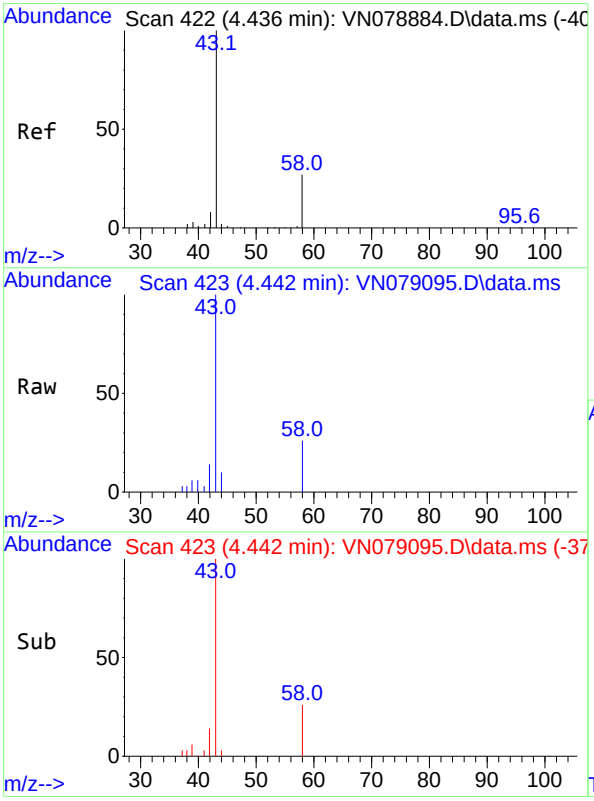
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079095.D
Acq: 29 Aug 2023 15:41

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#04

Tgt Ion:168 Resp: 142748

Ion	Ratio	Lower	Upper
168	100		
99	60.5	53.0	79.6

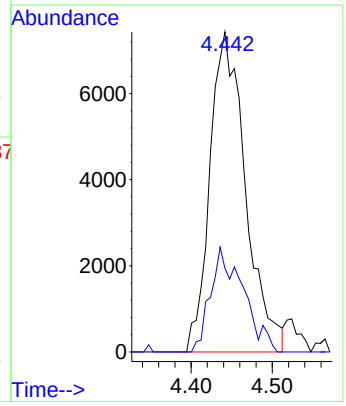


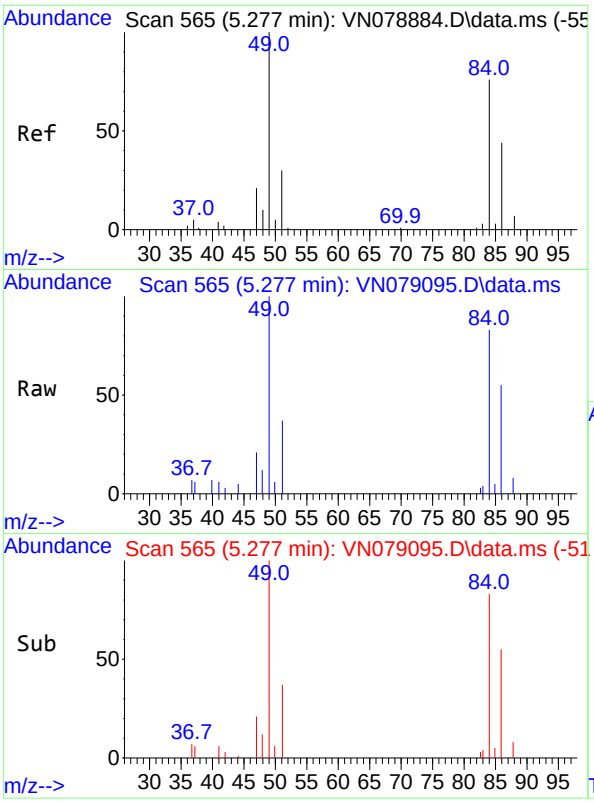


#16
Acetone
Concen: 24.671 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079095.D
Acq: 29 Aug 2023 15:41

Tgt Ion: 43 Resp: 22612

Ion	Ratio	Lower	Upper
43	100		
58	26.1	28.0	42.0#



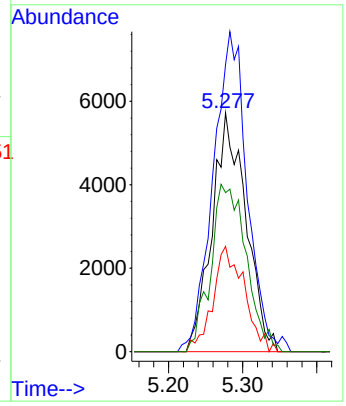


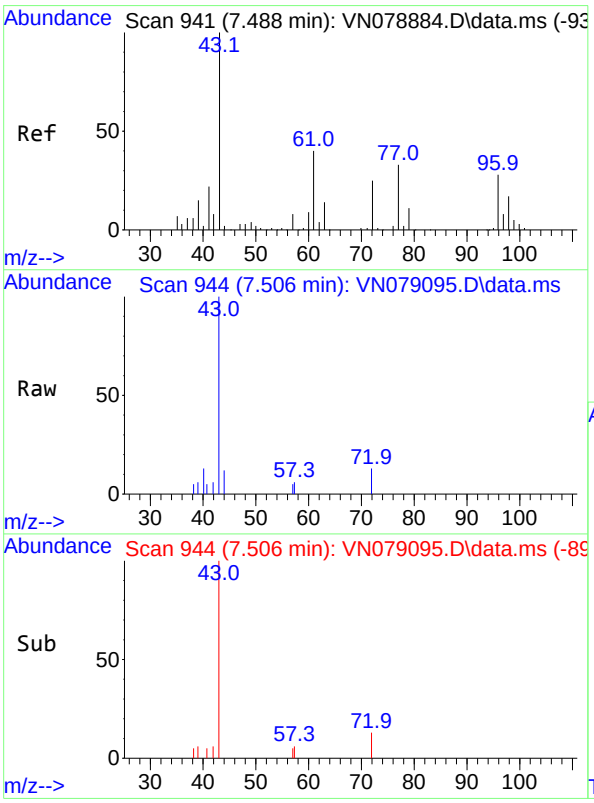
#20
Methylene Chloride
Concen: 9.277 ug/l
RT: 5.277 min Scan# 5
Delta R.T. -0.006 min
Lab File: VN079095.D
Acq: 29 Aug 2023 15:41

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#04

Tgt Ion: 84 Resp: 18120

Ion	Ratio	Lower	Upper
84	100		
49	117.3	79.7	119.5
51	44.1	25.2	37.8#
86	66.6	53.3	79.9

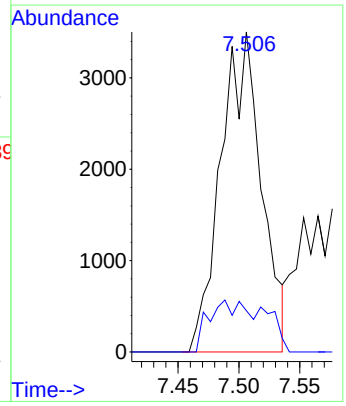


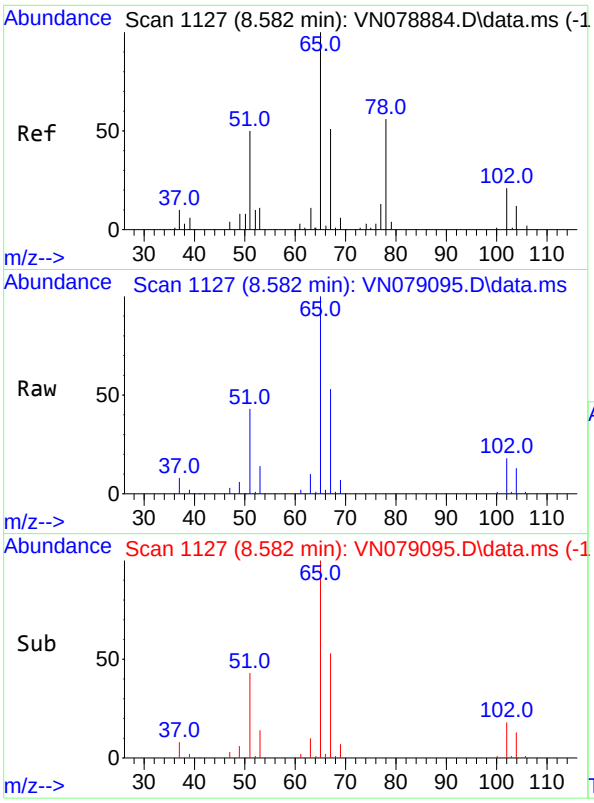


#25
2-Butanone
Concen: 5.505 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN079095.D
Acq: 29 Aug 2023 15:41

Tgt Ion: 43 Resp: 8090

Ion	Ratio	Lower	Upper
43	100		
72	12.9	30.2	45.2#



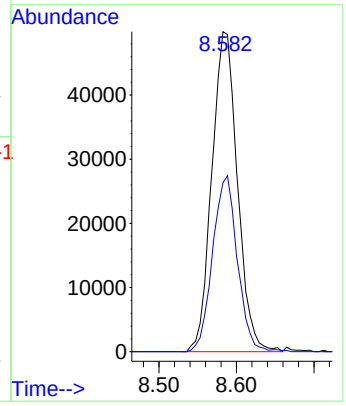


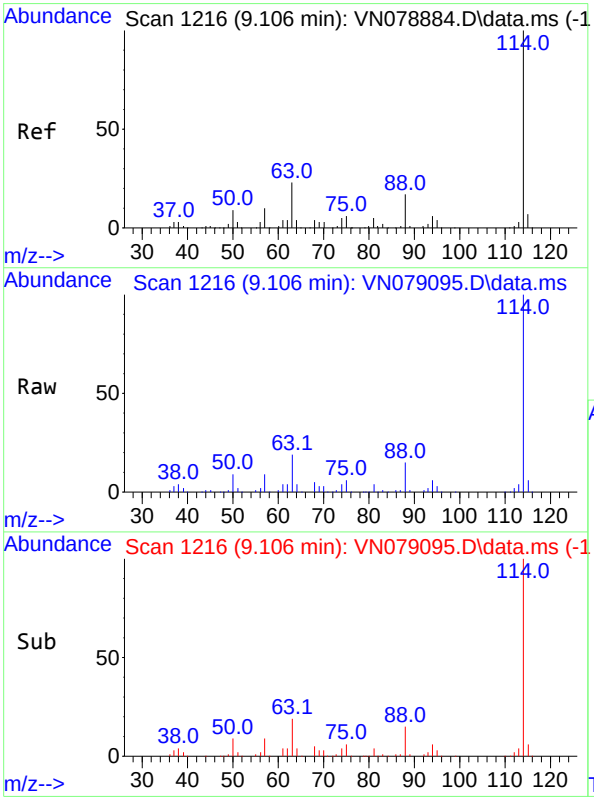
#33
1,2-Dichloroethane-d4
Concen: 51.492 ug/l
RT: 8.582 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN079095.D
Acq: 29 Aug 2023 15:41

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#04

Tgt Ion: 65 Resp: 114379

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	106.6

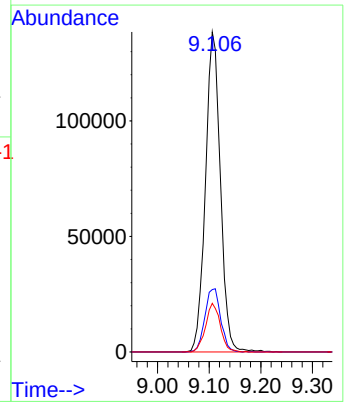


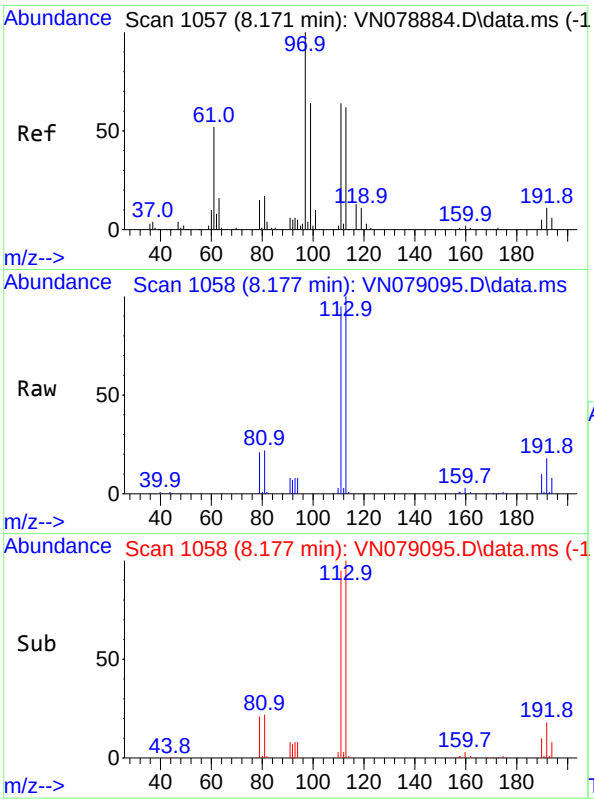


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079095.D
Acq: 29 Aug 2023 15:41

Tgt Ion:114 Resp: 277989

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	36.4
88	15.2	0.0	30.6



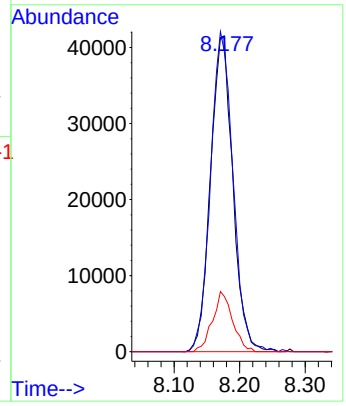


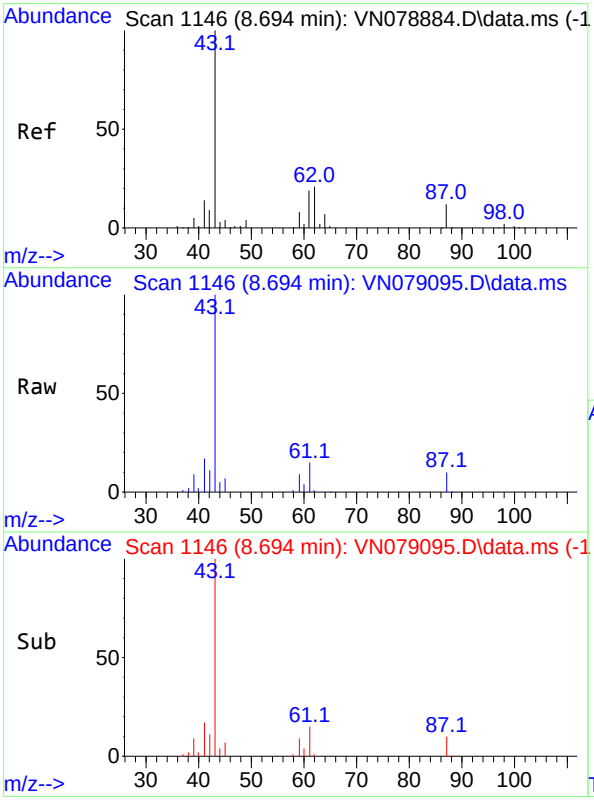
#35
Dibromofluoromethane
Concen: 52.528 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN079095.D
Acq: 29 Aug 2023 15:41

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#04

Tgt Ion:113 Resp: 98295

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	123.8
192	17.1	12.7	19.1

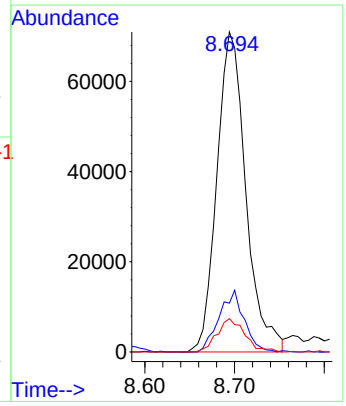


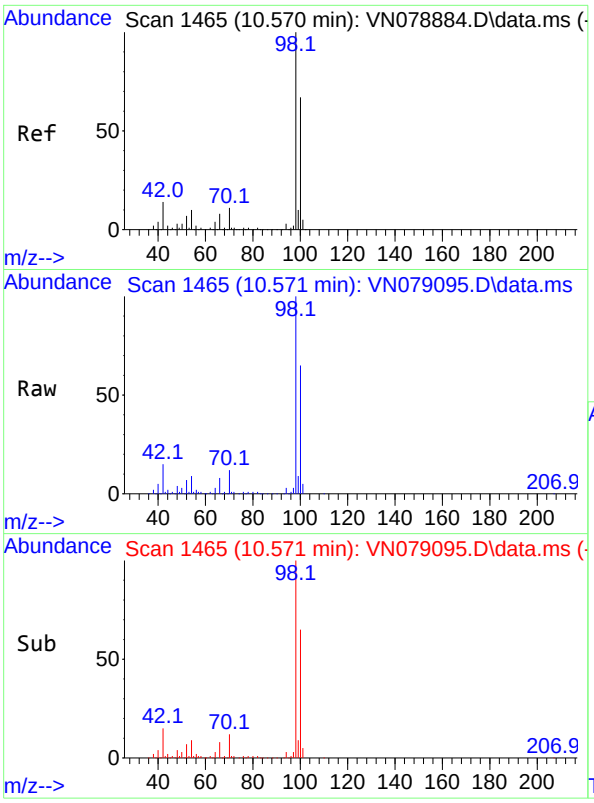


#43
Isopropyl Acetate
Concen: 28.572 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079095.D
Acq: 29 Aug 2023 15:41

Tgt Ion: 43 Resp: 159052

Ion	Ratio	Lower	Upper
43	100		
61	16.7	24.7	37.1#
87	10.0	14.6	21.8#



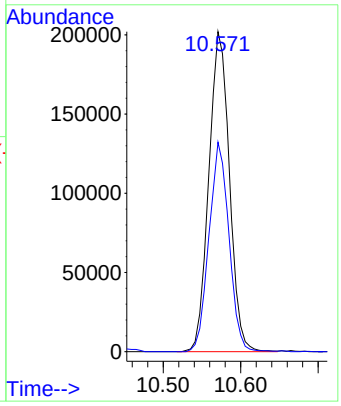


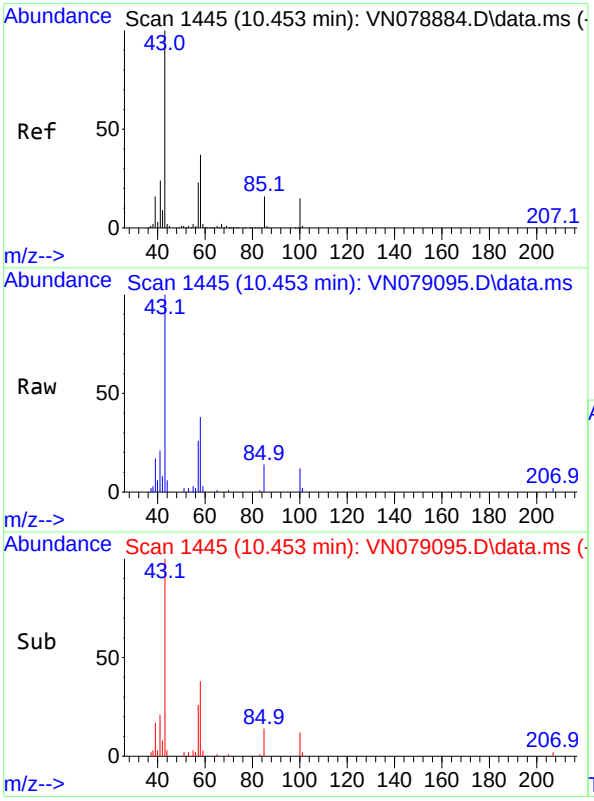
#50
Toluene-d8
Concen: 53.600 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN079095.D
Acq: 29 Aug 2023 15:41

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#04

Tgt Ion: 98 Resp: 372425

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.0	78.0

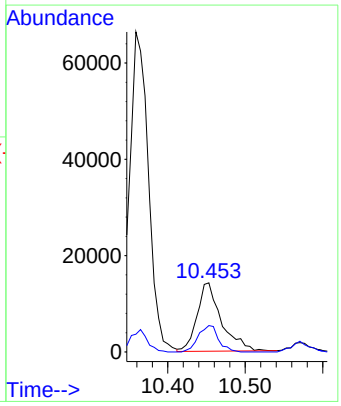


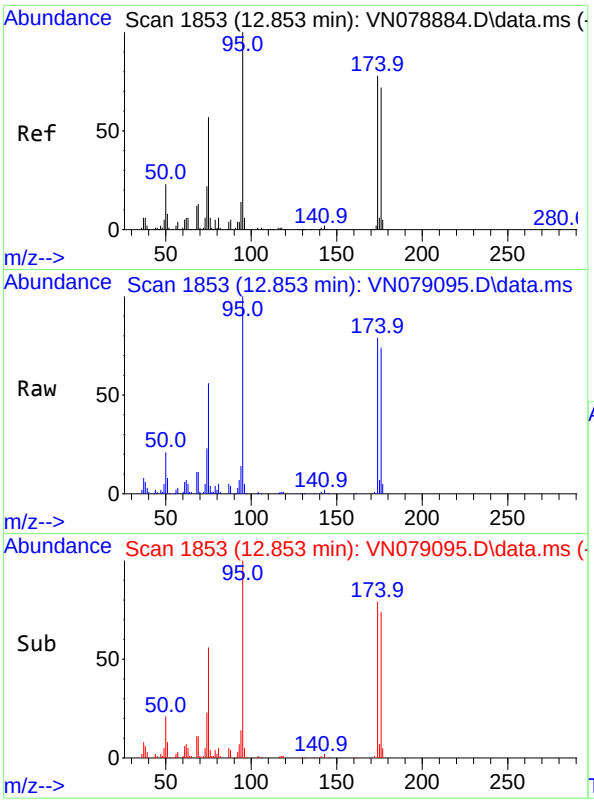


#51
4-Methyl-2-Pentanone
Concen: 9.335 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079095.D
Acq: 29 Aug 2023 15:41

Tgt Ion: 43 Resp: 30821

Ion	Ratio	Lower	Upper
43	100		
58	32.3	36.6	54.8#



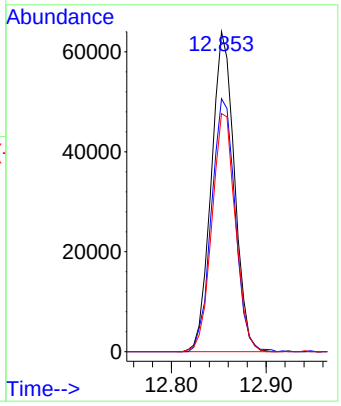


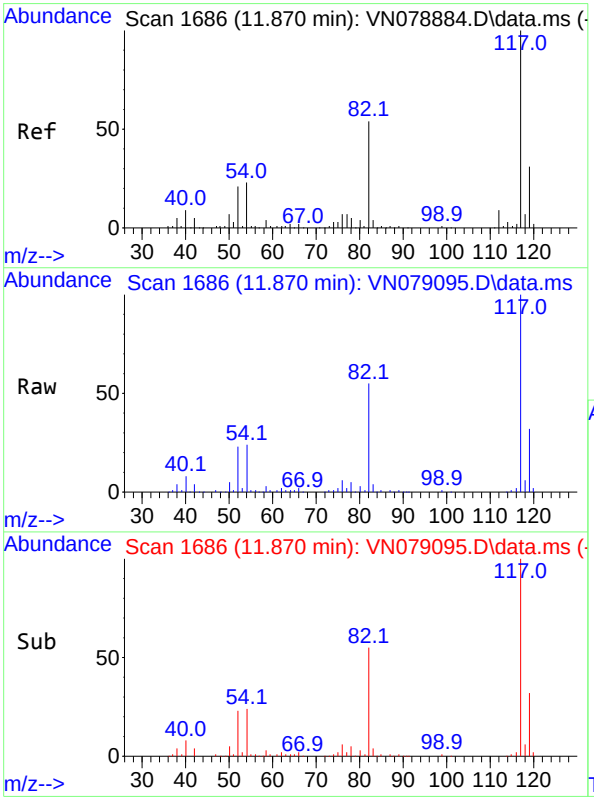
#62
4-Bromofluorobenzene
Concen: 47.819 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079095.D
Acq: 29 Aug 2023 15:41

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#04

Tgt Ion: 95 Resp: 108602

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	143.8
176	75.6	0.0	135.8

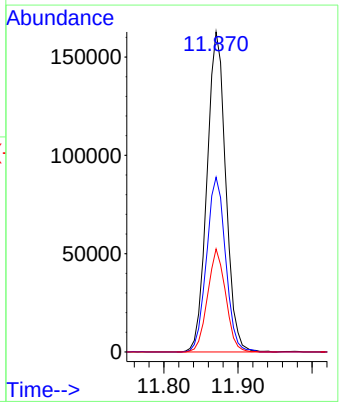


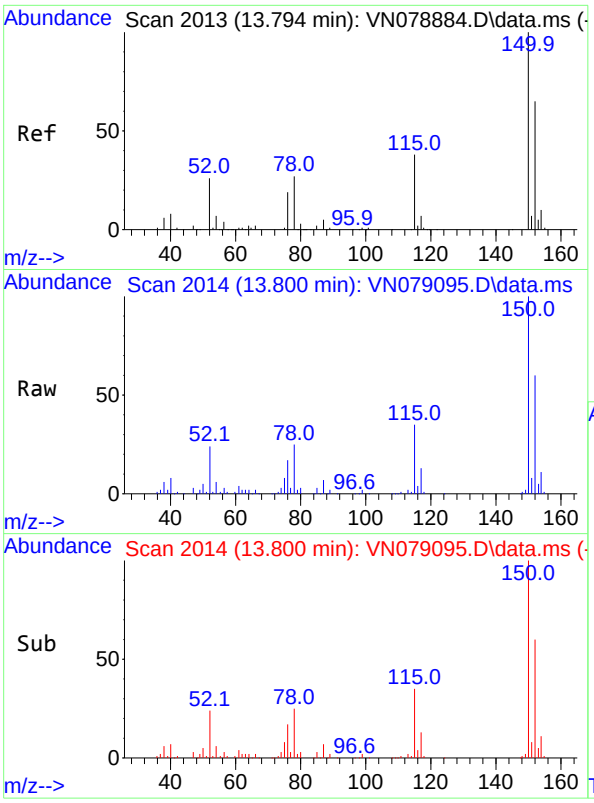


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079095.D
Acq: 29 Aug 2023 15:41

Tgt Ion:117 Resp: 285872

Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.0	66.0
119	32.2	25.6	38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN079095.D
Acq: 29 Aug 2023 15:41

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#04

Tgt Ion:152 Resp: 82228

Ion	Ratio	Lower	Upper
152	100		
115	60.9	32.3	96.8
150	159.7	0.0	355.8