Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
Data File : VN078798.D
Acq On : 08 Aug 2023 13:35
Operator : JC\MD
Sample : 03913-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
72-11933

Quant Time: Aug 09 02:48:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 05:03:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	189653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	361170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	322349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	146560	51.548	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.100%			
35) Dibromofluoromethane	8.177	113	121067	49.637	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.280%			
50) Toluene-d8	10.571	98	454644	50.653	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.300%			
62) 4-Bromofluorobenzene	12.853	95	119142	44.416	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.840%			
Target Compounds						Qvalue
16) Acetone	4.453	43	42399	38.758	ug/l #	86
20) Methylene Chloride	5.283	84	17632	6.508	ug/l #	85
25) 2-Butanone	7.506	43	13918	7.513	ug/l #	77
43) Isopropyl Acetate	8.694	43	80638	11.888	ug/l #	77
51) 4-Methyl-2-Pentanone	10.453	43	49433	11.898	ug/l #	85

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

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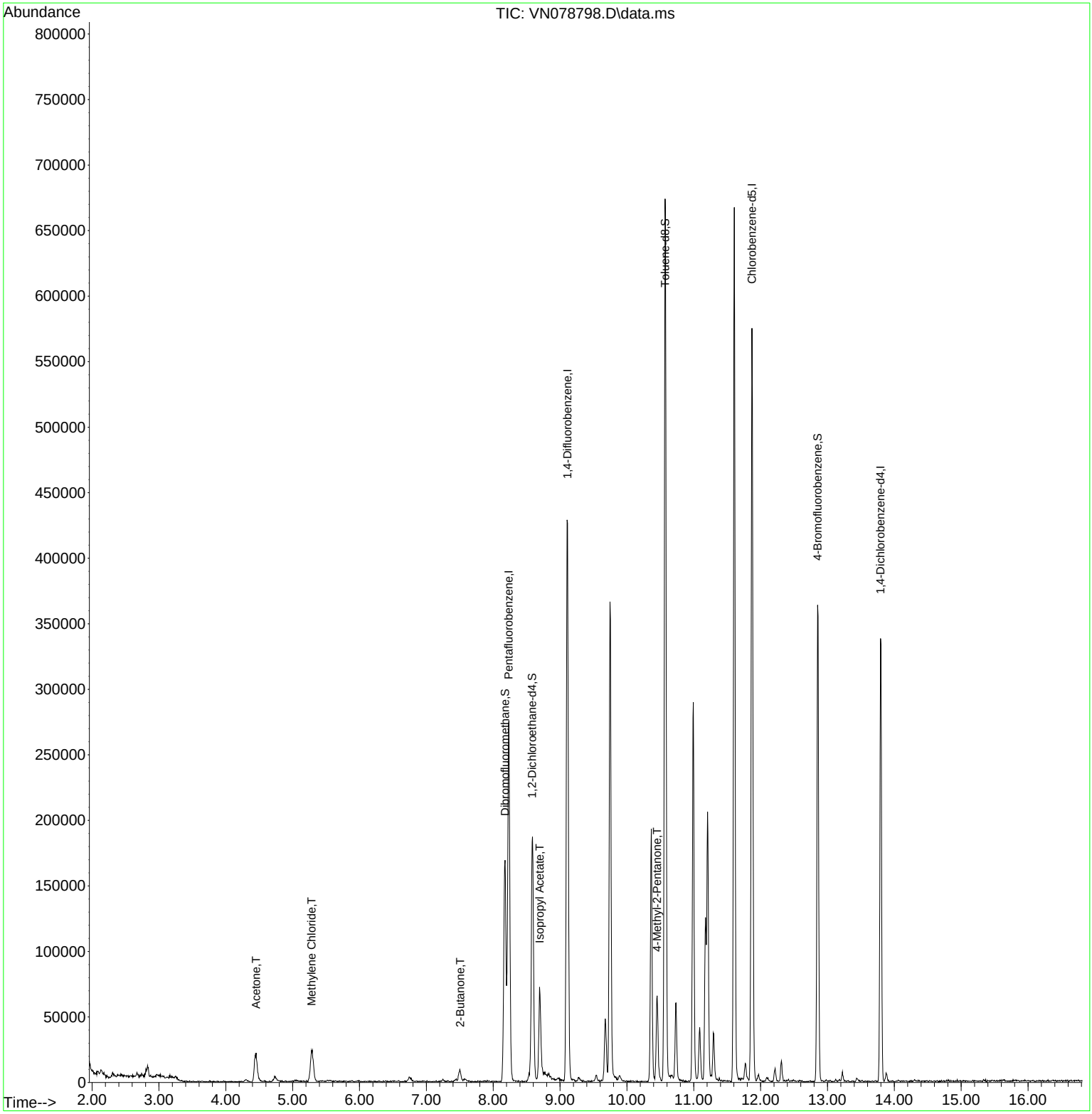
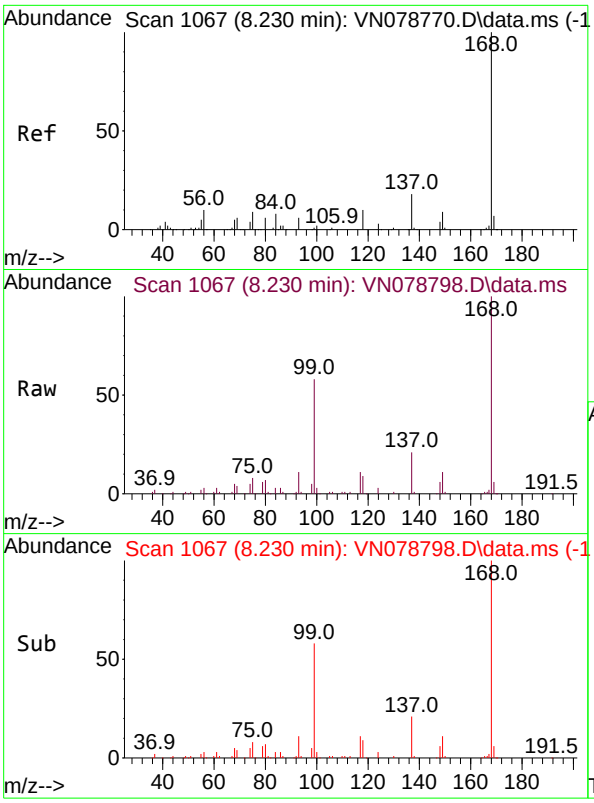


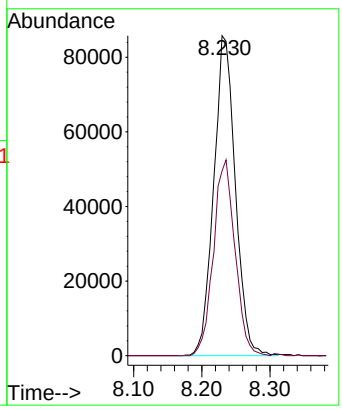


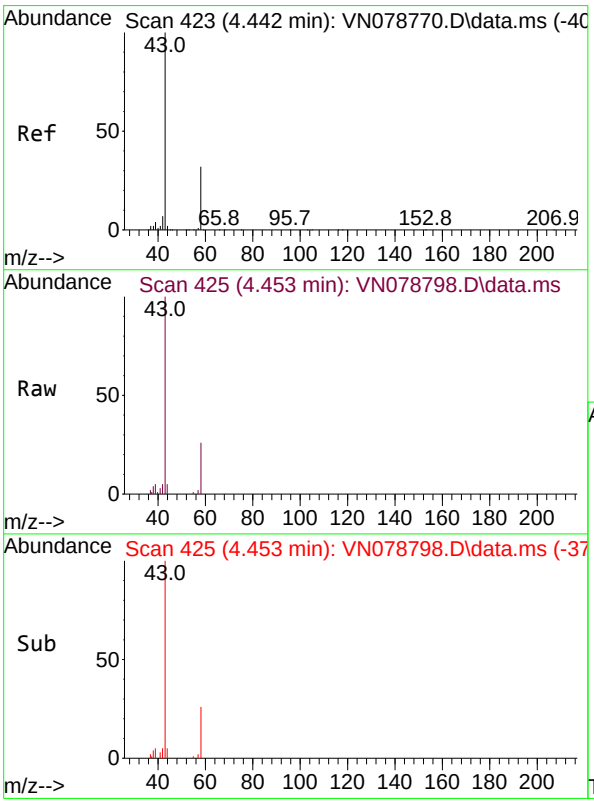
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078798.D
Acq: 08 Aug 2023 13:35

Instrument :
MSVOA_N
ClientSampleId :
72-11933

Tgt Ion:168 Resp: 189653

Ion	Ratio	Lower	Upper
168	100		
99	57.7	53.0	79.6

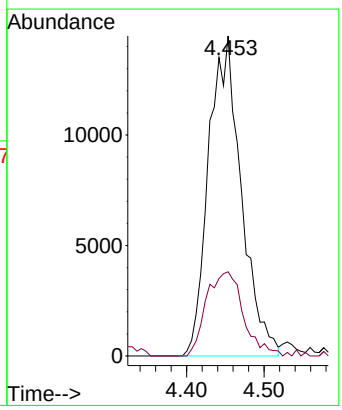


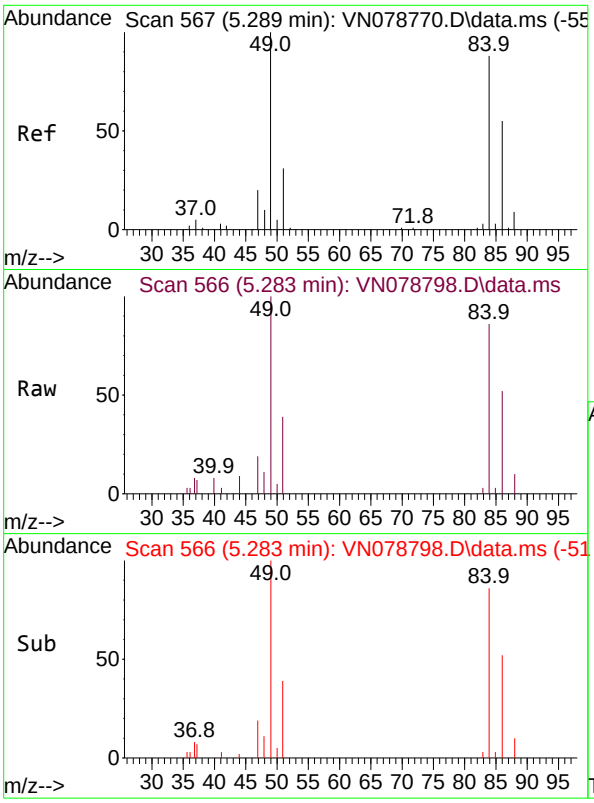


#16
Acetone
Concen: 38.758 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.011 min
Lab File: VN078798.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 43 Resp: 42399

Ion	Ratio	Lower	Upper
43	100		
58	26.7	28.0	42.0#



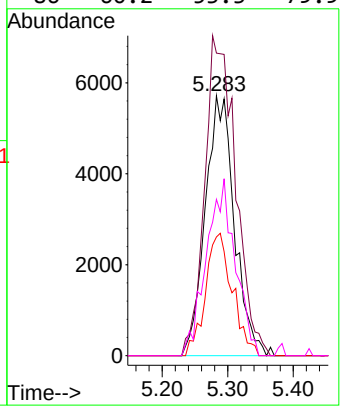


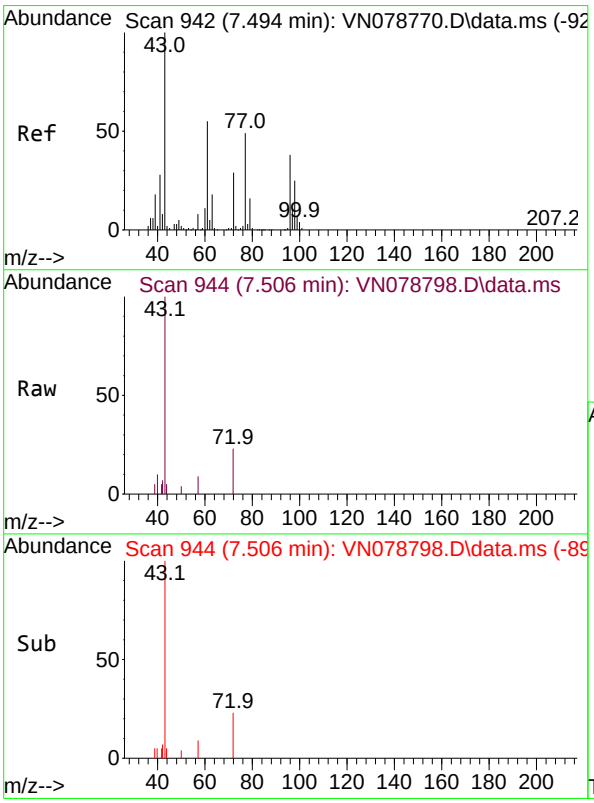
#20
Methylene Chloride
Concen: 6.508 ug/l
RT: 5.283 min Scan# 5
Delta R.T. -0.006 min
Lab File: VN078798.D
Acq: 08 Aug 2023 13:35

Instrument :
MSVOA_N
ClientSampleId :
72-11933

Tgt Ion: 84 Resp: 17632

Ion	Ratio	Lower	Upper
84	100		
49	116.5	79.7	119.5
51	45.7	25.2	37.8#
86	60.2	53.3	79.9

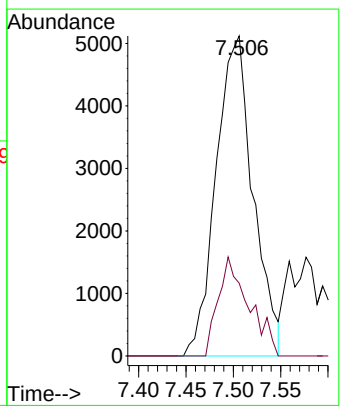


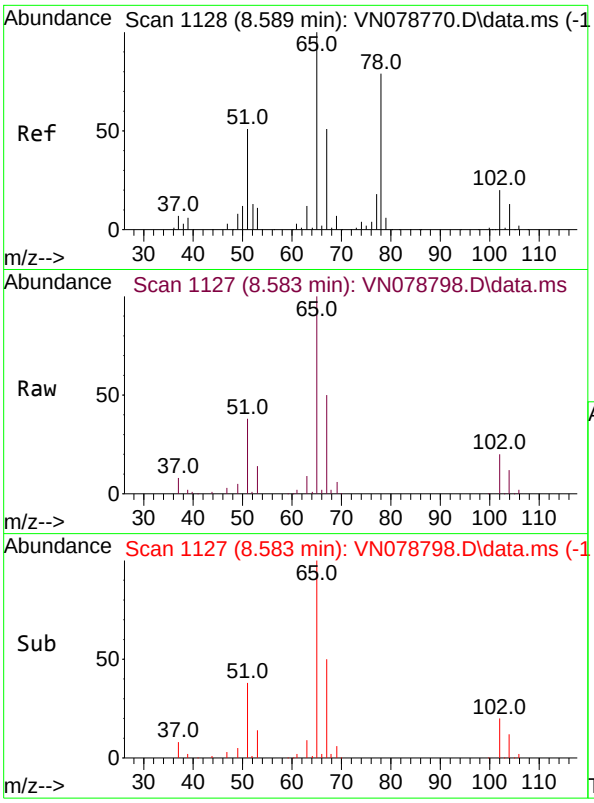


#25
2-Butanone
Concen: 7.513 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN078798.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 43 Resp: 13918

Ion	Ratio	Lower	Upper
43	100		
72	23.8	30.2	45.2#



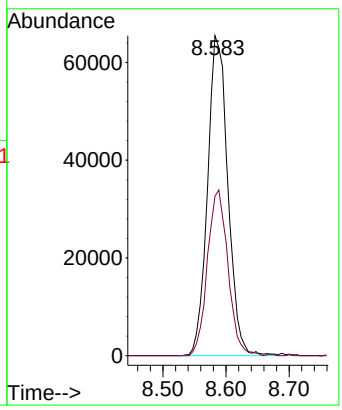


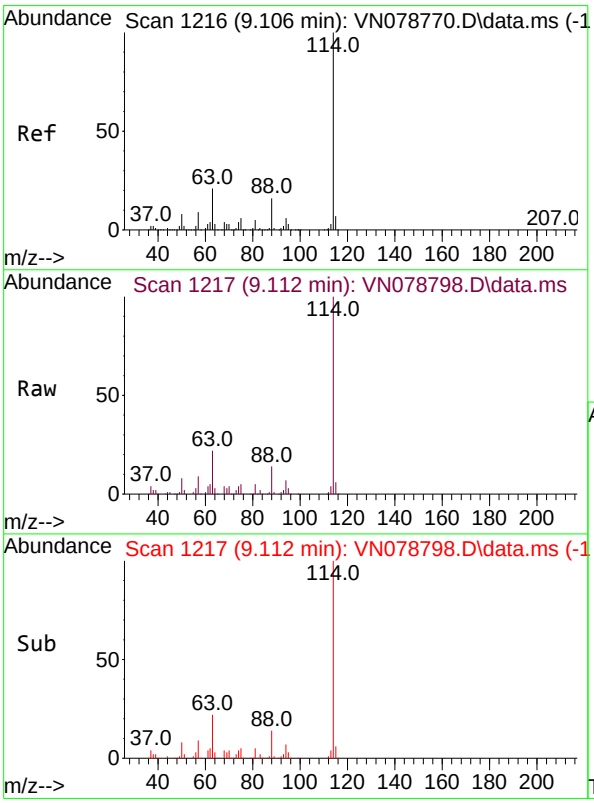
#33
1,2-Dichloroethane-d4
Concen: 51.548 ug/l
RT: 8.583 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078798.D
Acq: 08 Aug 2023 13:35

Instrument :
MSVOA_N
ClientSampleId :
72-11933

Tgt Ion: 65 Resp: 146560

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	106.6

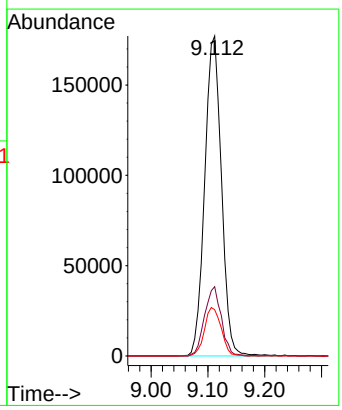


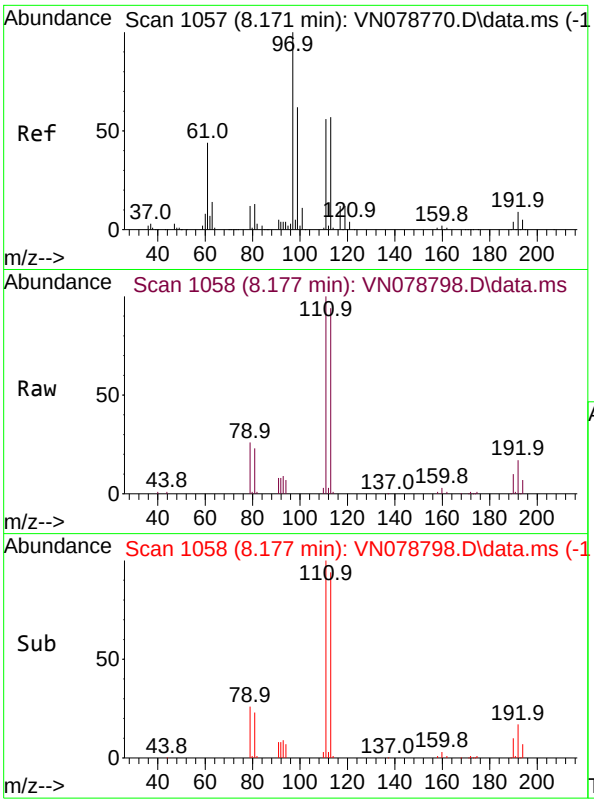


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078798.D
Acq: 08 Aug 2023 13:35

Tgt Ion:114 Resp: 361170

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	36.4
88	14.5	0.0	30.6



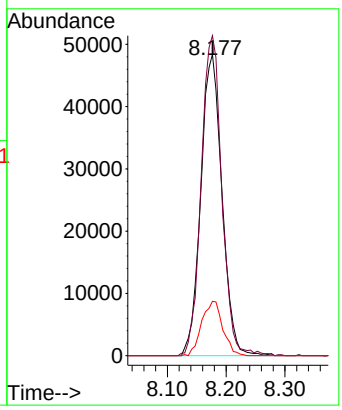


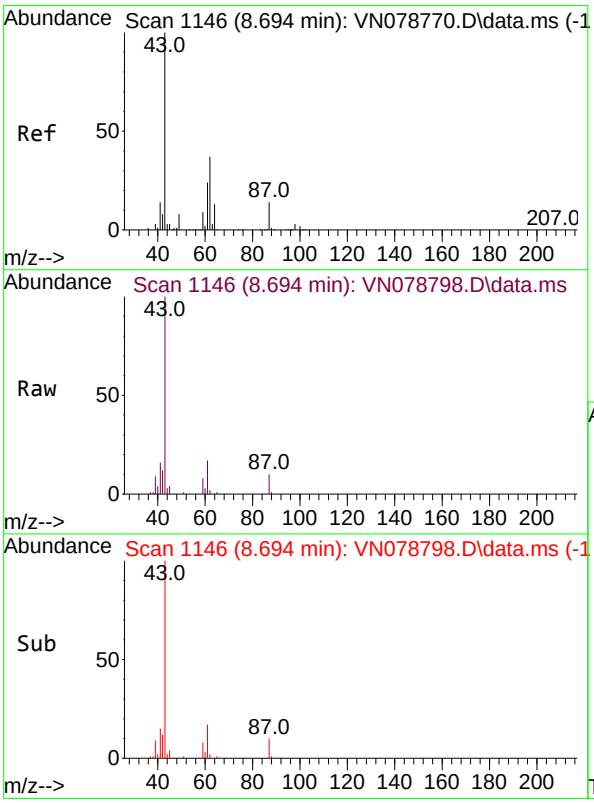
#35
Dibromofluoromethane
Concen: 49.637 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN078798.D
Acq: 08 Aug 2023 13:35

Instrument :
MSVOA_N
ClientSampleId :
72-11933

Tgt Ion:113 Resp: 121067

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	17.9	12.7	19.1

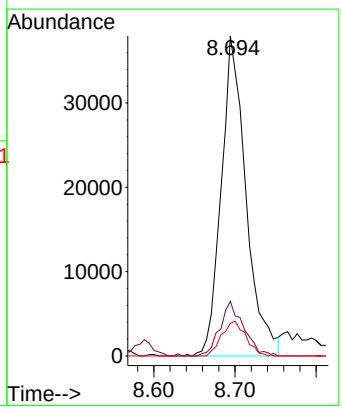


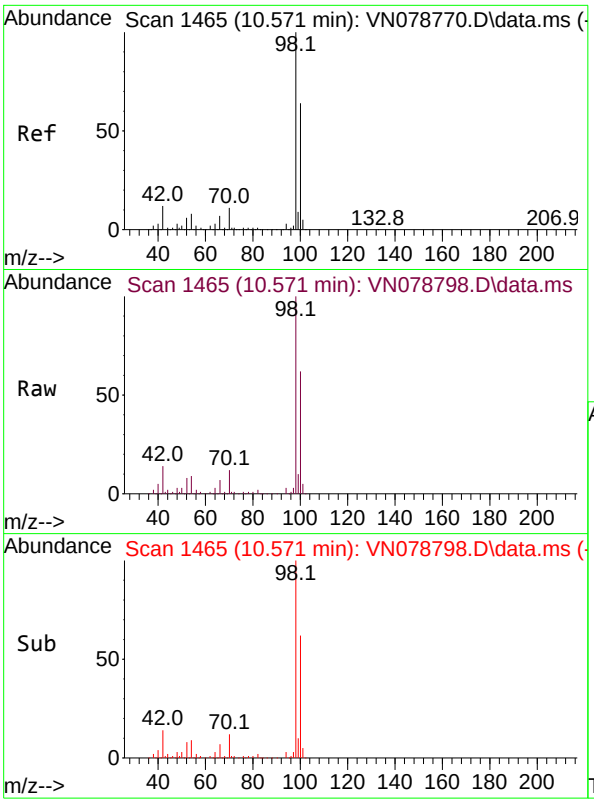


#43
Isopropyl Acetate
Concen: 11.888 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078798.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 43 Resp: 80638

Ion	Ratio	Lower	Upper
43	100		
61	16.2	24.7	37.1#
87	10.5	14.6	21.8#



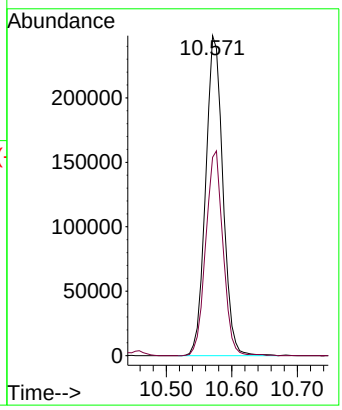


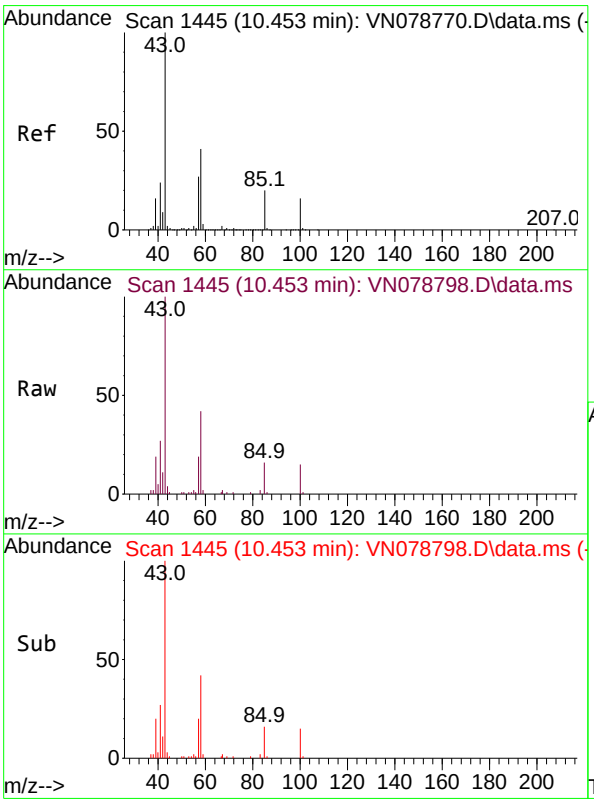
#50
Toluene-d8
Concen: 50.653 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN078798.D
Acq: 08 Aug 2023 13:35

Instrument :
MSVOA_N
ClientSampleId :
72-11933

Tgt Ion: 98 Resp: 454644

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.0	78.0

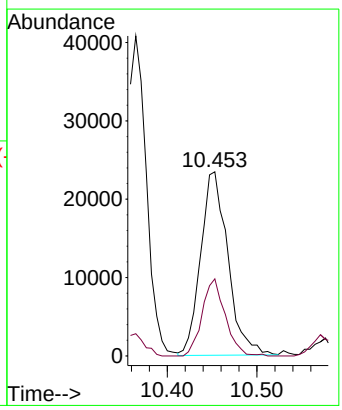


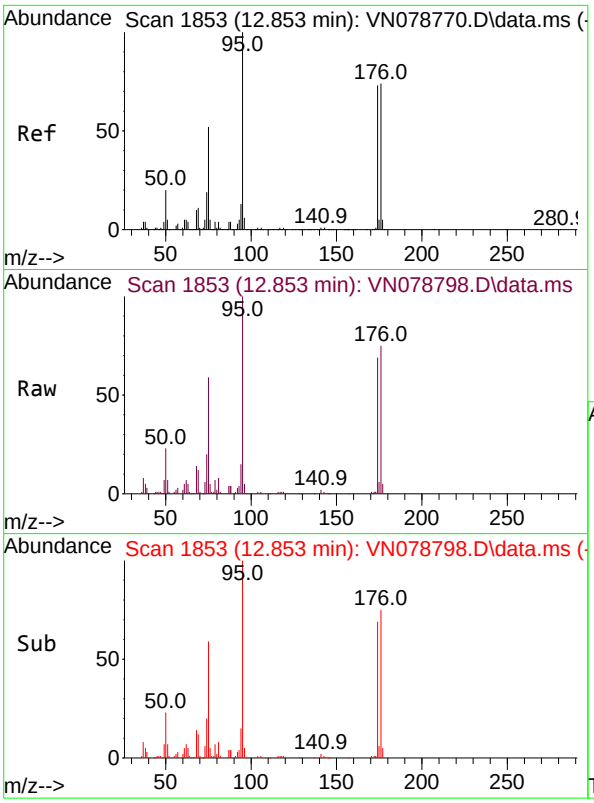


#51
4-Methyl-2-Pentanone
Concen: 11.898 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078798.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 43 Resp: 49433

Ion	Ratio	Lower	Upper
43	100		
58	35.6	36.6	54.8#



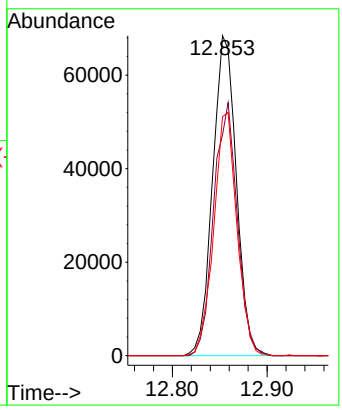


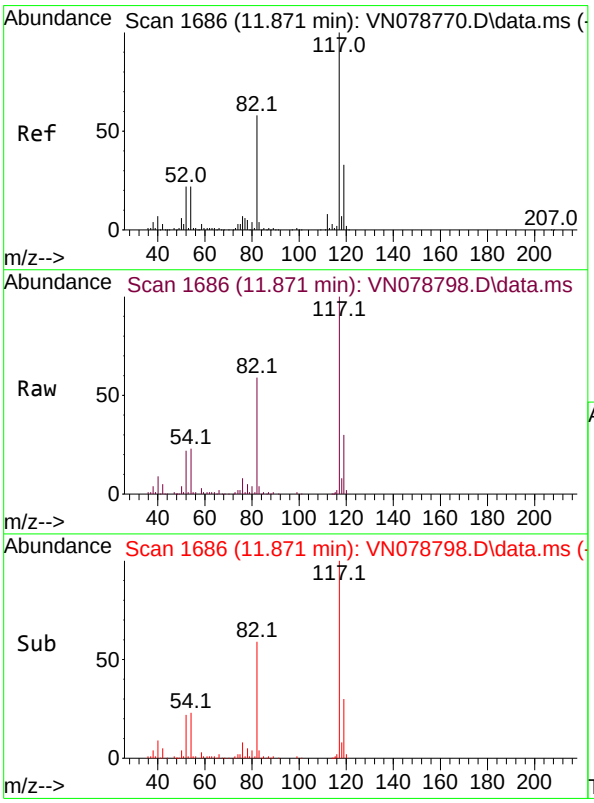
#62
4-Bromofluorobenzene
Concen: 44.416 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078798.D
Acq: 08 Aug 2023 13:35

Instrument :
MSVOA_N
ClientSampleId :
72-11933

Tgt Ion: 95 Resp: 119142

Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	143.8
176	74.5	0.0	135.8

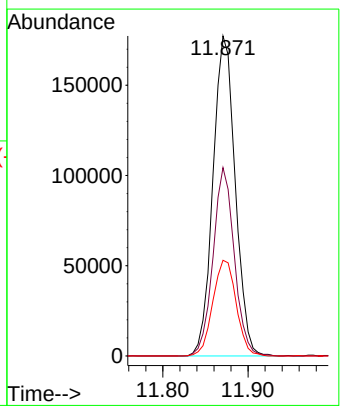


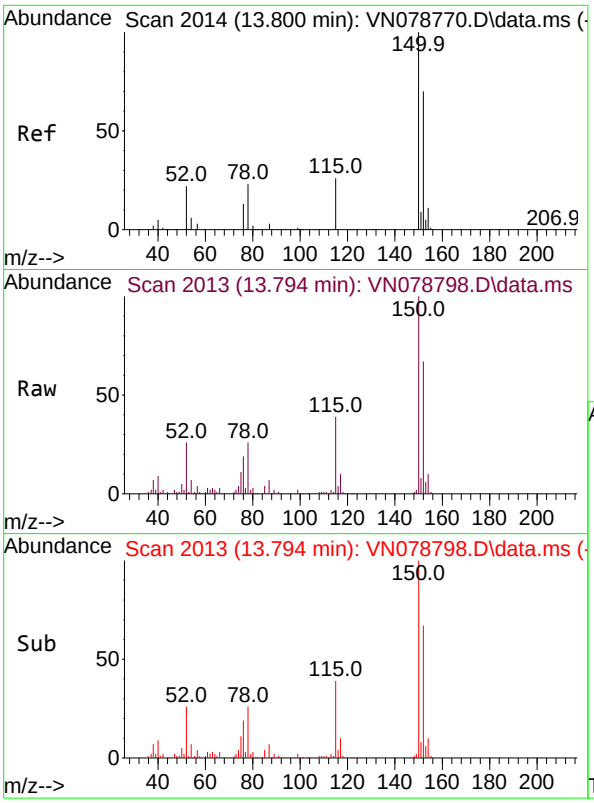


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078798.D
Acq: 08 Aug 2023 13:35

Tgt Ion:117 Resp: 322349

Ion	Ratio	Lower	Upper
117	100		
82	58.9	44.0	66.0
119	29.9	25.6	38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN078798.D
Acq: 08 Aug 2023 13:35

Instrument :
MSVOA_N
ClientSampleId :
72-11933

Tgt Ion:152 Resp: 88021

Ion	Ratio	Lower	Upper
152	100		
115	58.6	32.3	96.8
150	152.9	0.0	355.8