Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
Data File : VN079149.D
Acq On : 02 Sep 2023 17:35
Operator : JC\MD
Sample : 04256-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Quant Time: Sep 04 01:07:14 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	8.229	168	265694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	506062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	480796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	160644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	201291	48.687	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.380%			
35) Dibromofluoromethane	8.171	113	179067	52.566	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.140%			
50) Toluene-d8	10.570	98	625109	49.420	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.840%			
62) 4-Bromofluorobenzene	12.853	95	203736	49.278	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.560%			
Target Compounds						Qvalue
16) Acetone	4.436	43	30123	17.658	ug/l	94
20) Methylene Chloride	5.283	84	20279	5.578	ug/l #	79
39) Methylcyclohexane	9.606	83	5062	1.074	ug/l	92
43) Isopropyl Acetate	8.694	43	263934	26.045	ug/l #	72
51) 4-Methyl-2-Pentanone	10.453	43	31635	5.263	ug/l #	80

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

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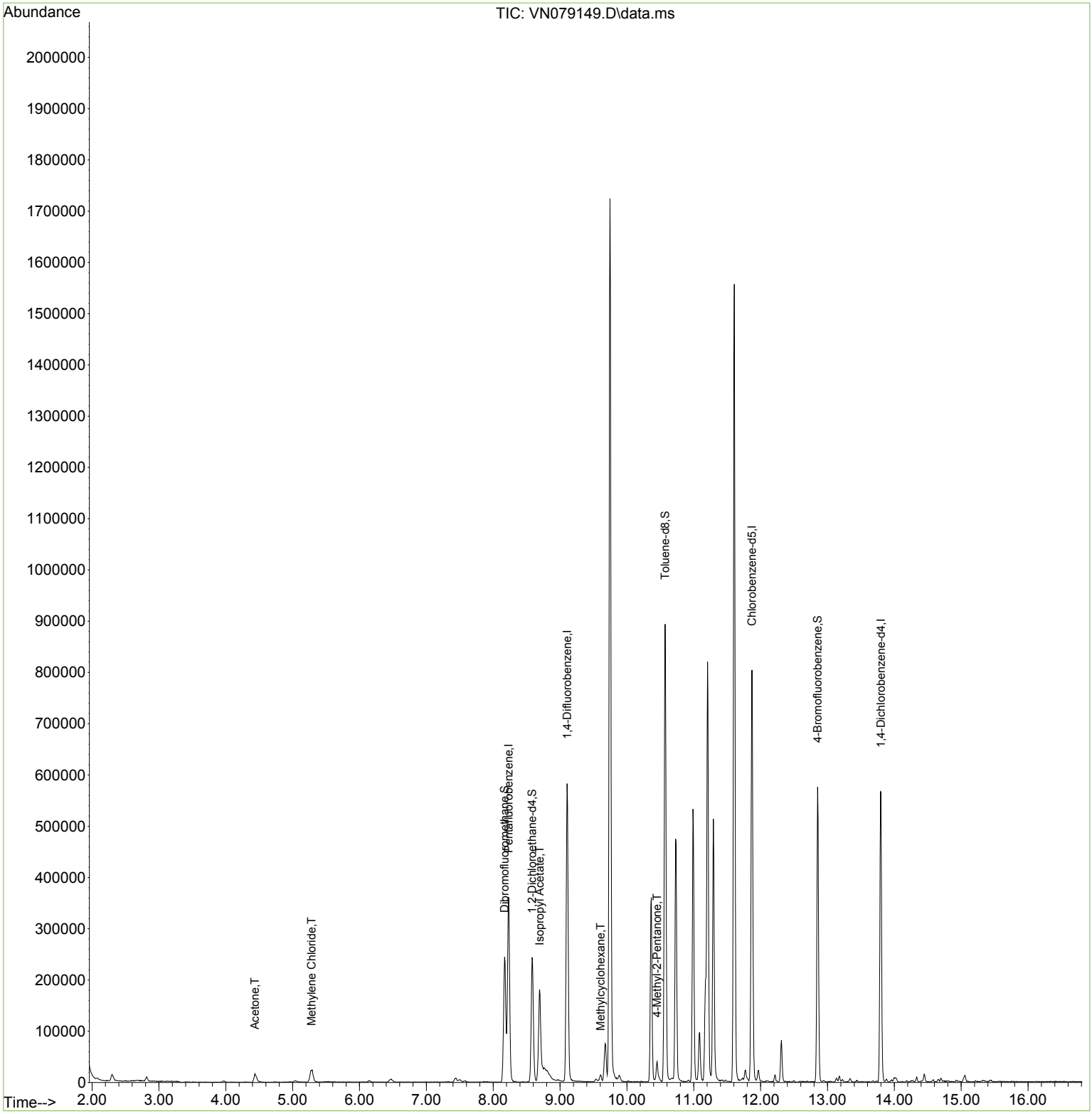
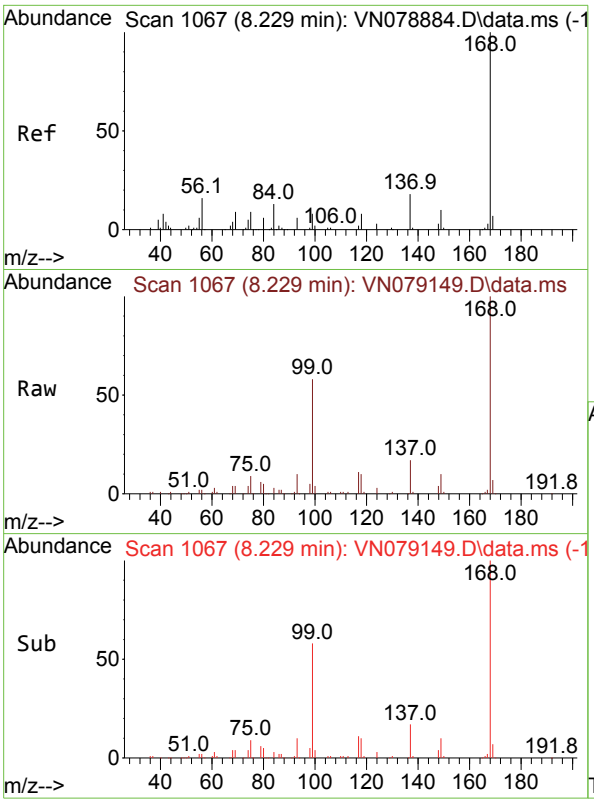


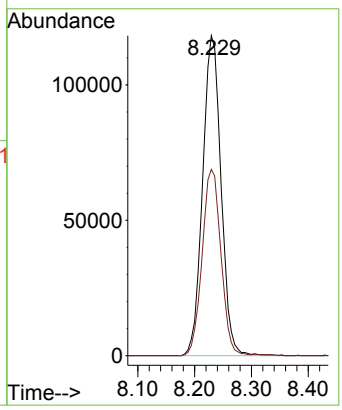


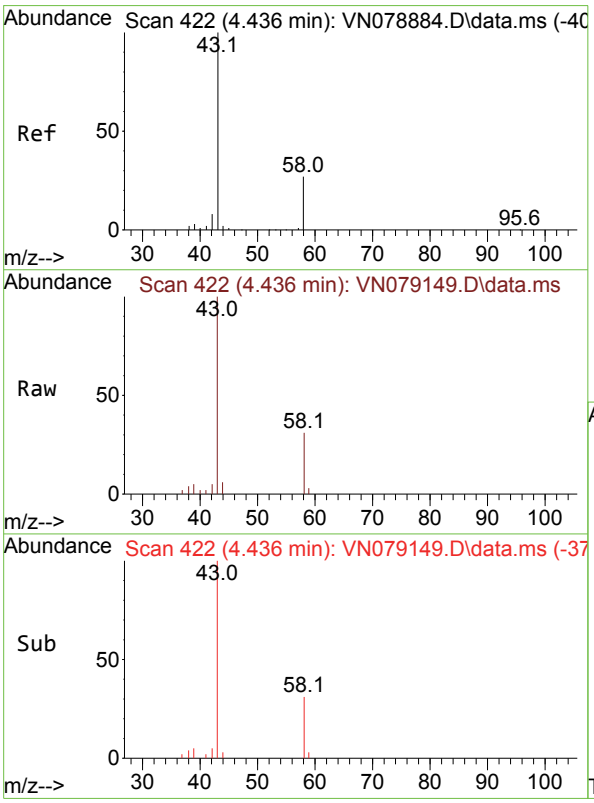
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN079149.D
Acq: 02 Sep 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:168 Resp: 265694

Ion	Ratio	Lower	Upper
168	100		
99	58.2	53.0	79.6

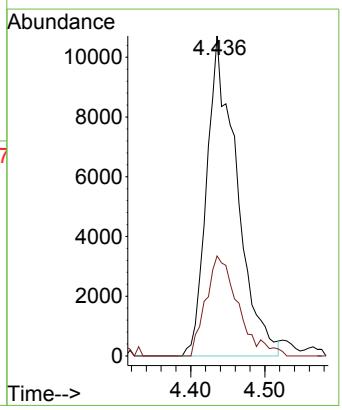


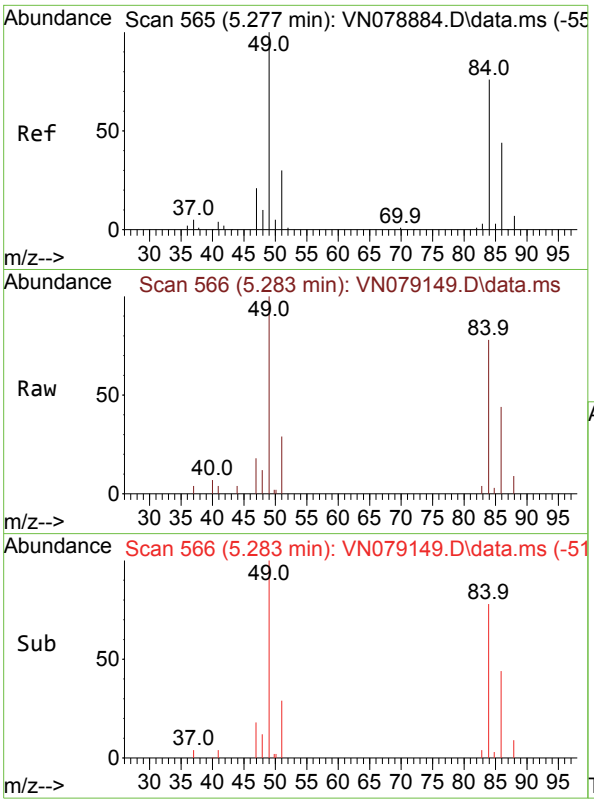


#16
Acetone
Concen: 17.658 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079149.D
Acq: 02 Sep 2023 17:35

Tgt Ion: 43 Resp: 30123

Ion	Ratio	Lower	Upper
43	100		
58	31.2	28.0	42.0



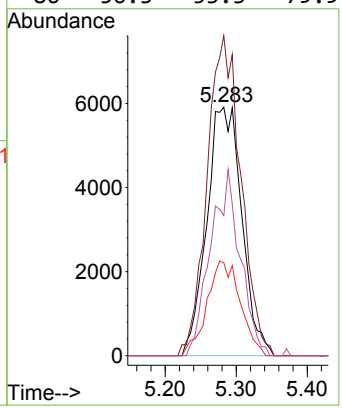


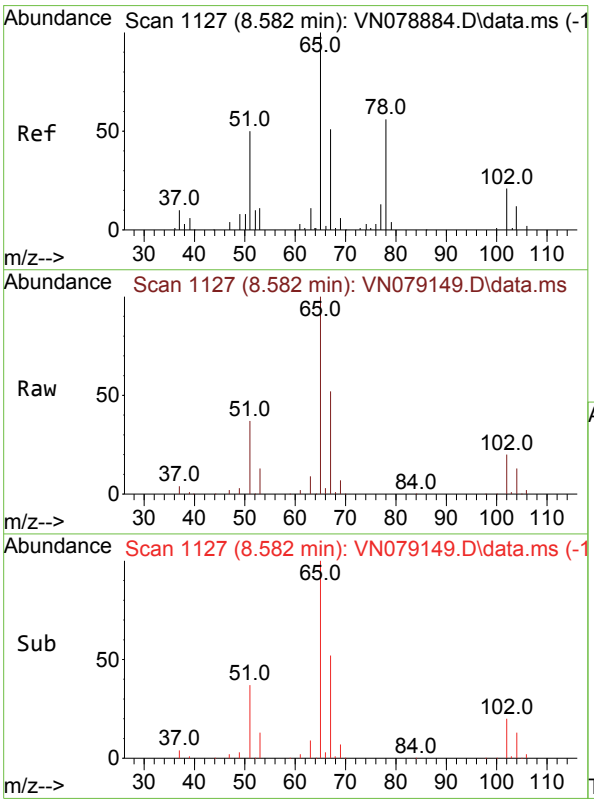
#20
Methylene Chloride
Concen: 5.578 ug/l
RT: 5.283 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN079149.D
Acq: 02 Sep 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 84 Resp: 20279

Ion	Ratio	Lower	Upper
84	100		
49	128.8	79.7	119.5#
51	37.4	25.2	37.8
86	56.3	53.3	79.9

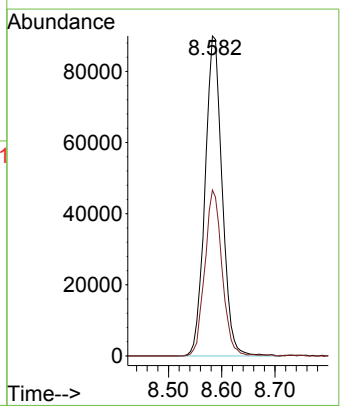


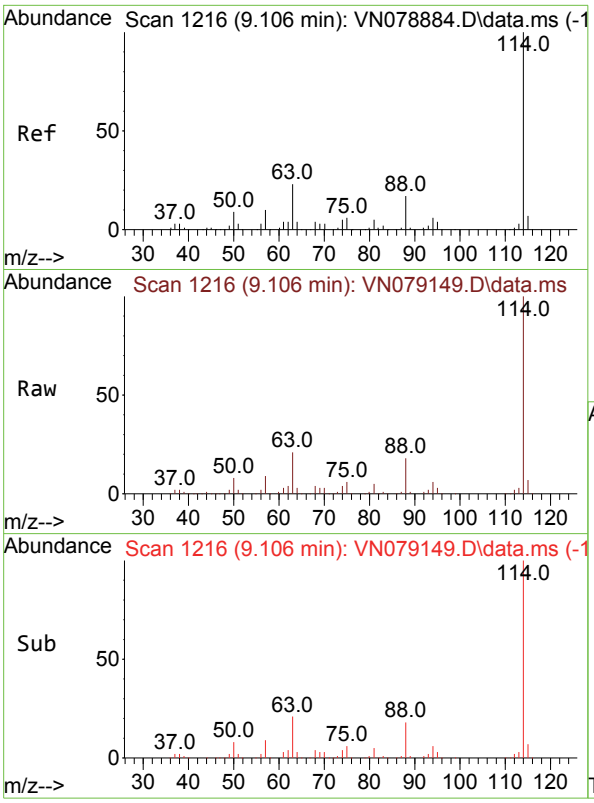


#33
1,2-Dichloroethane-d4
Concen: 48.687 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079149.D
Acq: 02 Sep 2023 17:35

Tgt Ion: 65 Resp: 201291

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.6



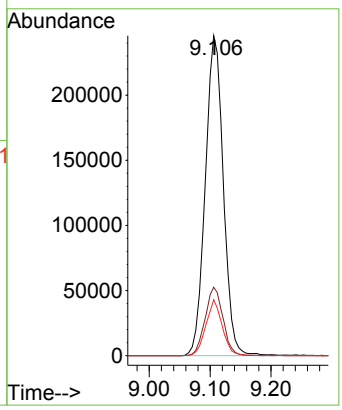


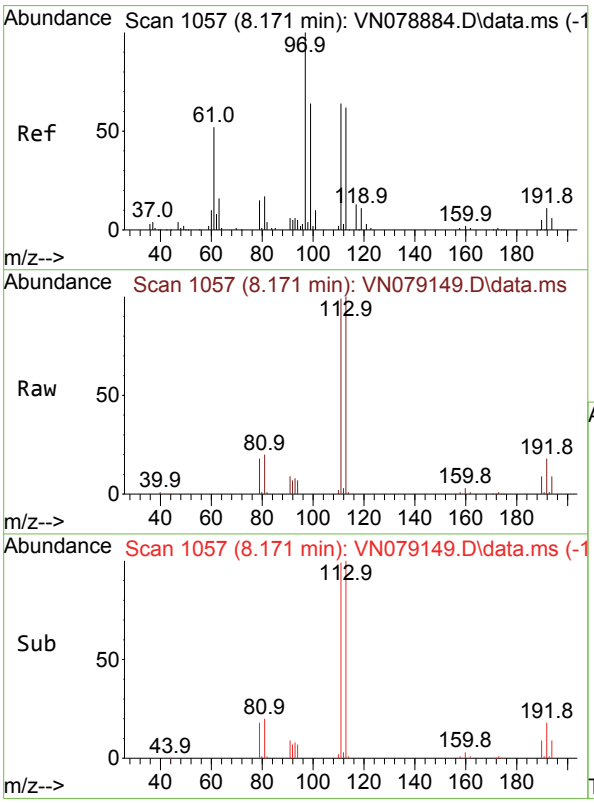
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079149.D
Acq: 02 Sep 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:114 Resp: 506062

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	36.4
88	17.5	0.0	30.6

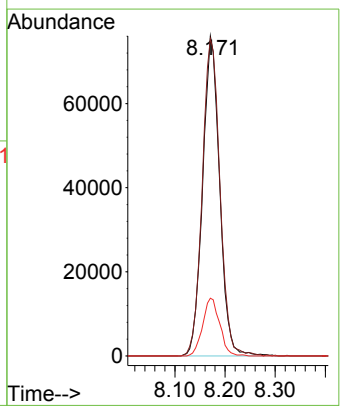


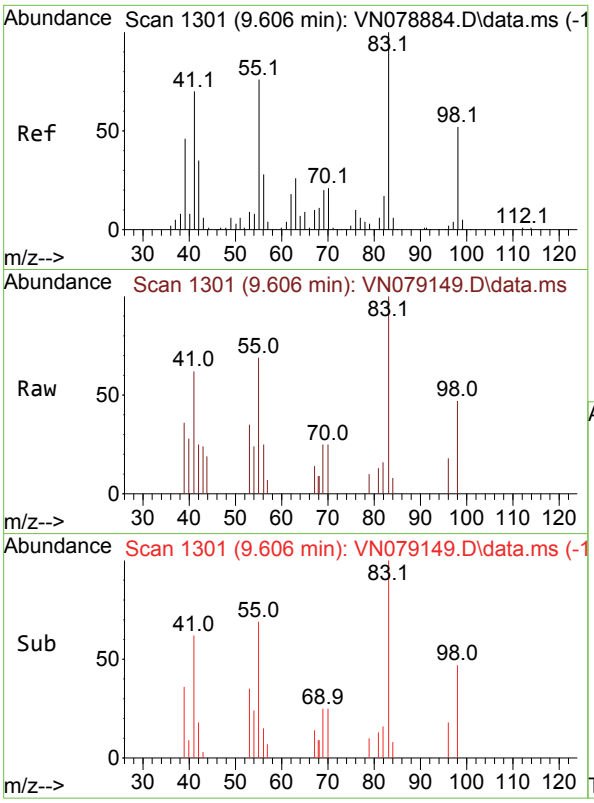


#35
Dibromofluoromethane
Concen: 52.566 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079149.D
Acq: 02 Sep 2023 17:35

Tgt Ion:113 Resp: 179067

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	18.1	12.7	19.1



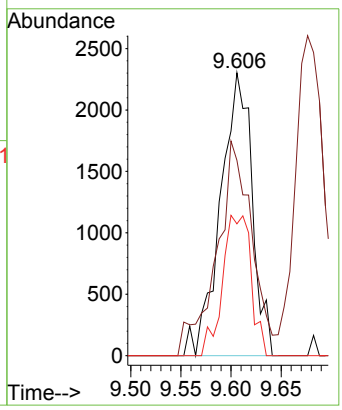


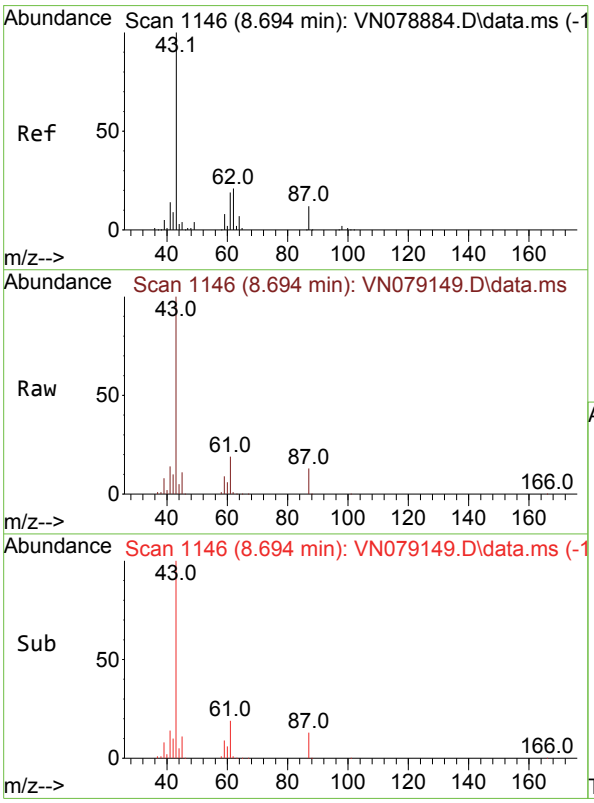
#39
Methylcyclohexane
Concen: 1.074 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079149.D
Acq: 02 Sep 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 83 Resp: 5062

Ion	Ratio	Lower	Upper
83	100		
55	69.0	49.1	73.7
98	46.6	40.6	61.0

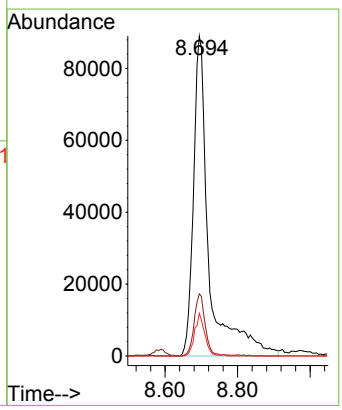


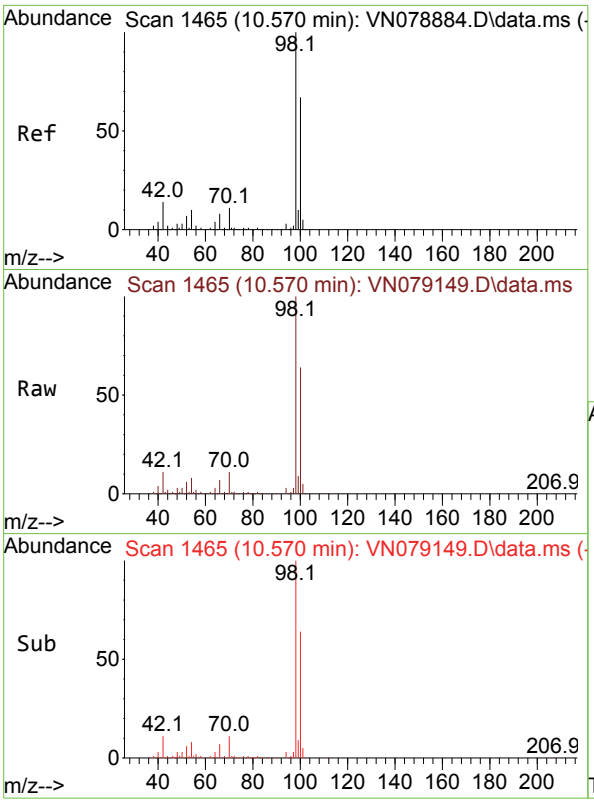


#43
Isopropyl Acetate
Concen: 26.045 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079149.D
Acq: 02 Sep 2023 17:35

Tgt Ion: 43 Resp: 263934

Ion	Ratio	Lower	Upper
43	100		
61	13.8	24.7	37.1#
87	8.6	14.6	21.8#



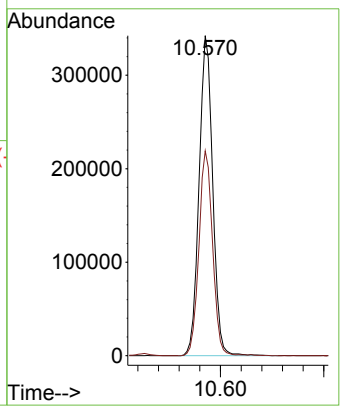


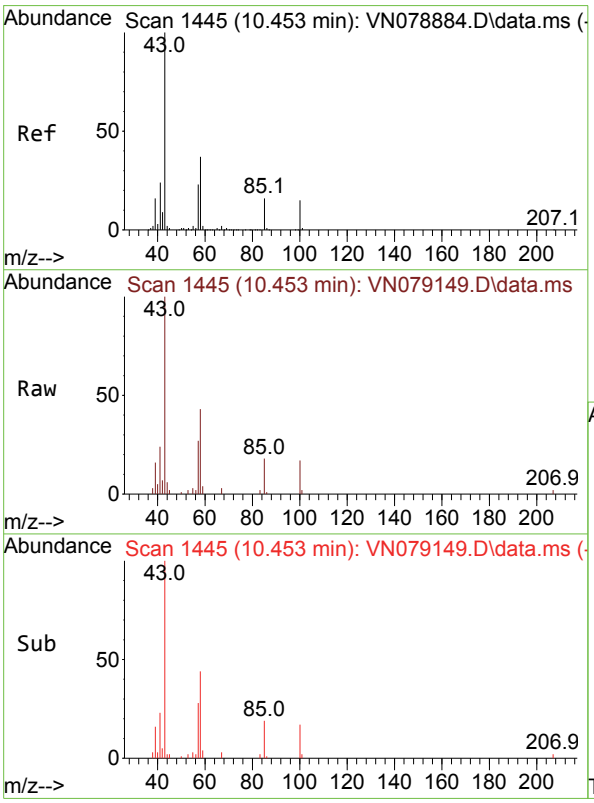
#50
Toluene-d8
Concen: 49.420 ug/l
RT: 10.570 min Scan# 14
Delta R.T. -0.001 min
Lab File: VN079149.D
Acq: 02 Sep 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 98 Resp: 625109

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.0	78.0

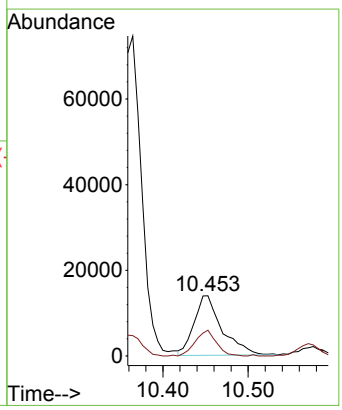


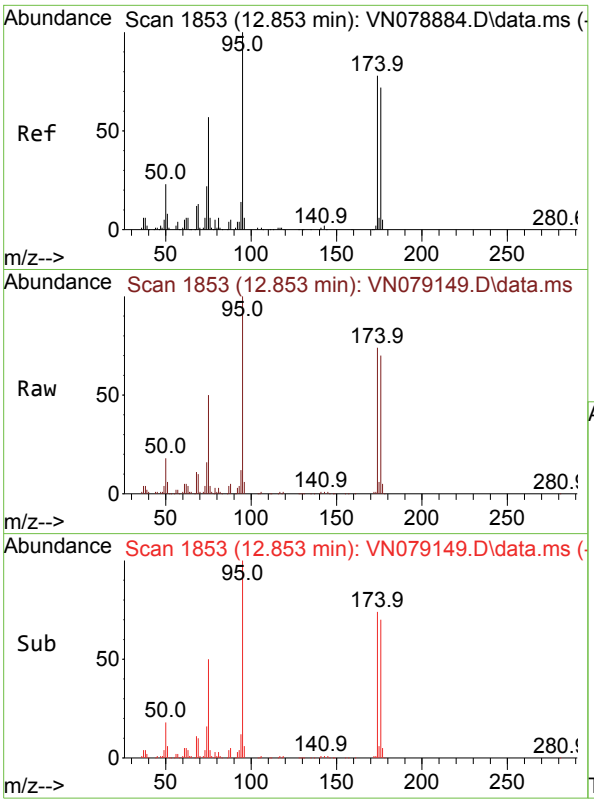


#51
4-Methyl-2-Pentanone
Concen: 5.263 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079149.D
Acq: 02 Sep 2023 17:35

Tgt Ion: 43 Resp: 31635

Ion	Ratio	Lower	Upper
43	100		
58	32.7	36.6	54.8#



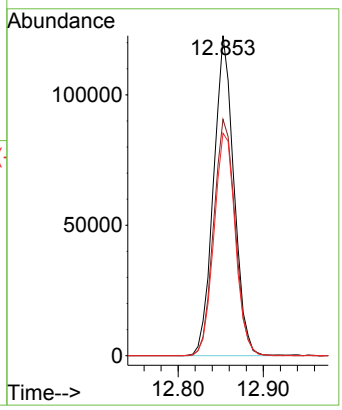


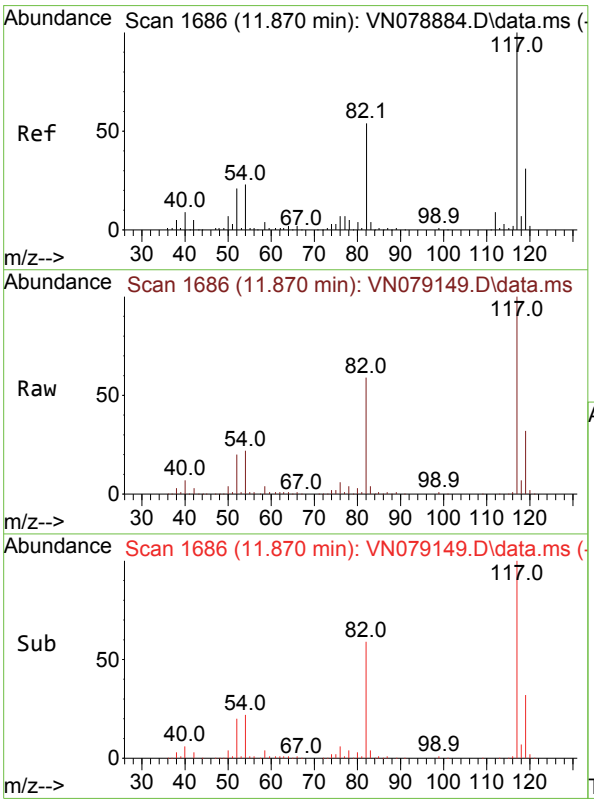
#62
4-Bromofluorobenzene
Concen: 49.278 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079149.D
Acq: 02 Sep 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 95 Resp: 203736

Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	143.8
176	73.1	0.0	135.8

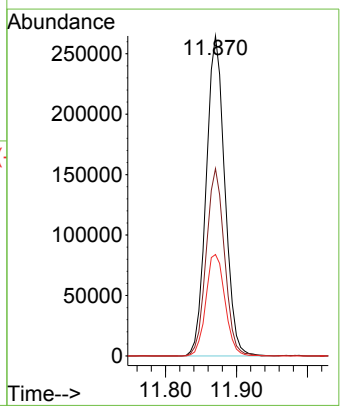


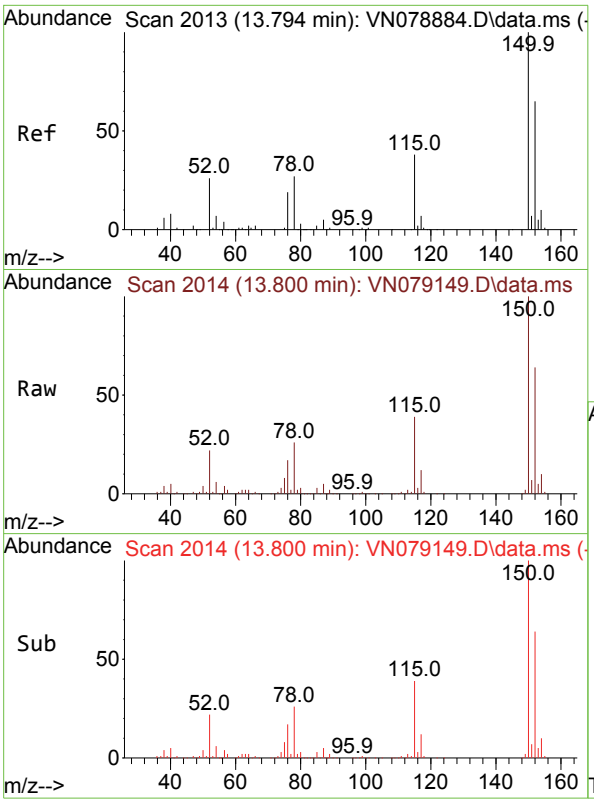


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079149.D
Acq: 02 Sep 2023 17:35

Tgt Ion:117 Resp: 480796

Ion	Ratio	Lower	Upper
117	100		
82	58.6	44.0	66.0
119	31.7	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: VN079149.D
Acq: 02 Sep 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 160644

Ion	Ratio	Lower	Upper
152	100		
115	61.2	32.3	96.8
150	157.6	0.0	355.8