Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100923\
Data File : VN079474.D
Acq On : 09 Oct 2023 16:00
Operator : JC\MD
Sample : 04740-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BW1D

Quant Time: Oct 09 23:16:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	253063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	516968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	489961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	156518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	220129	53.648	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.300%			
35) Dibromofluoromethane	8.171	113	192541	51.826	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.660%			
50) Toluene-d8	10.571	98	621591	46.241	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.480%			
62) 4-Bromofluorobenzene	12.853	95	202931	47.041	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.080%			
Target Compounds						Qvalue
16) Acetone	4.442	43	12981	7.976	ug/l #	77
40) Benzene	8.606	78	9994	0.604	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	26174	4.770	ug/l	91
65) Chlorobenzene	11.894	112	203115	18.615	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	4970	0.900	ug/l	89

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

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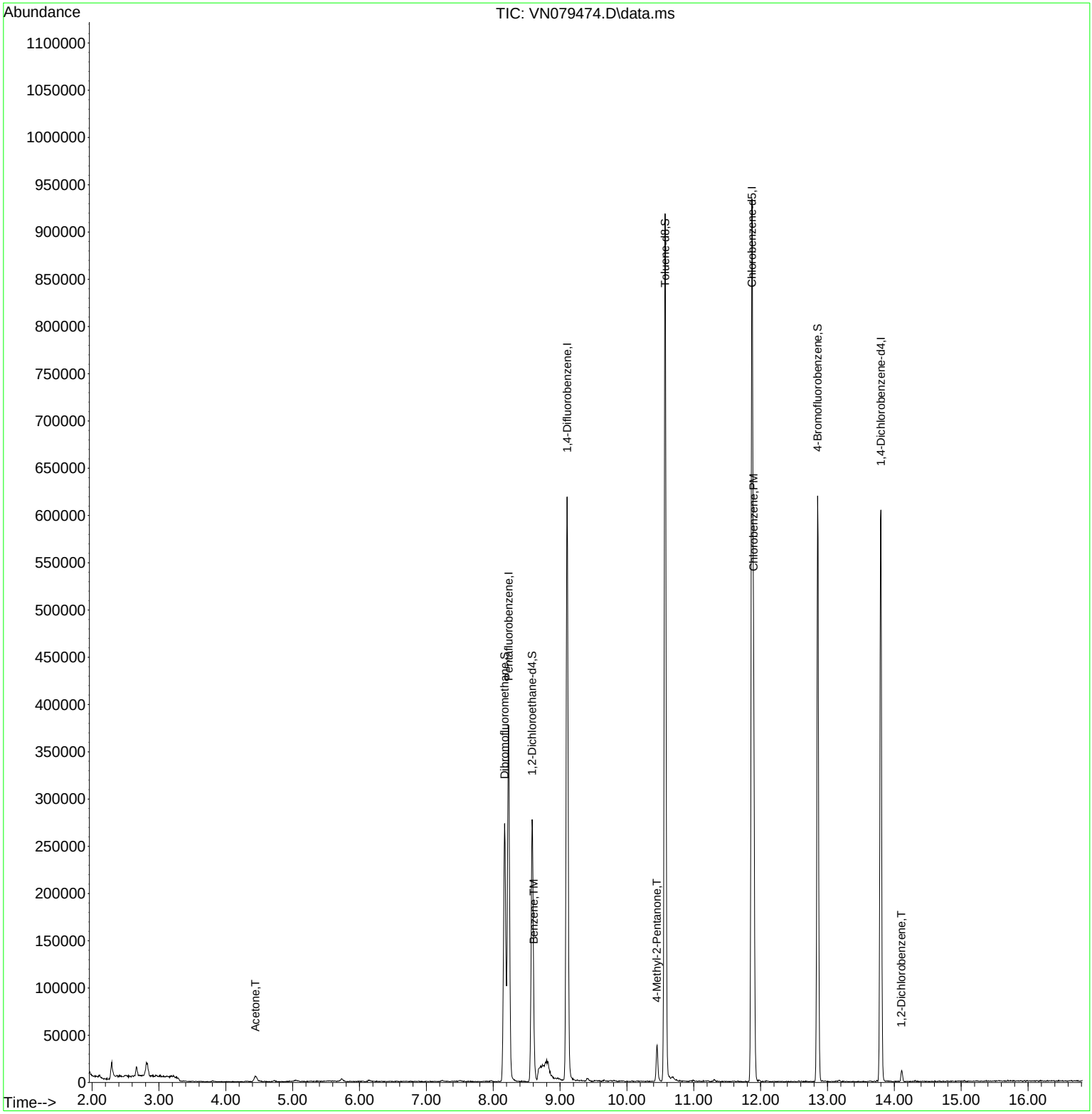
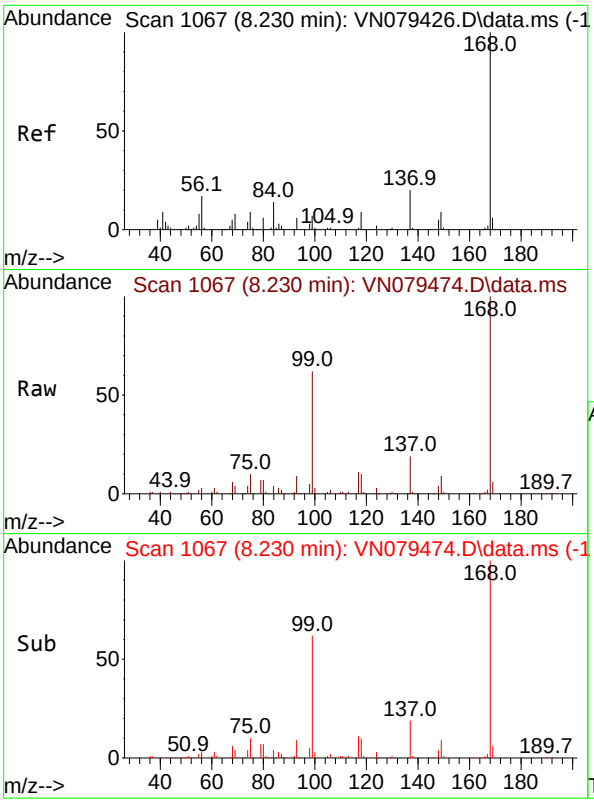


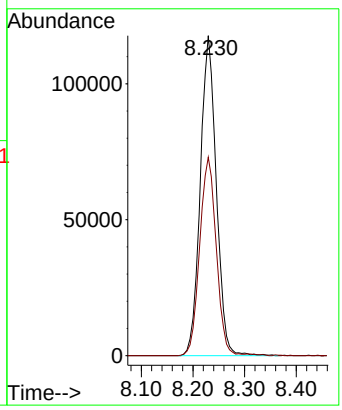


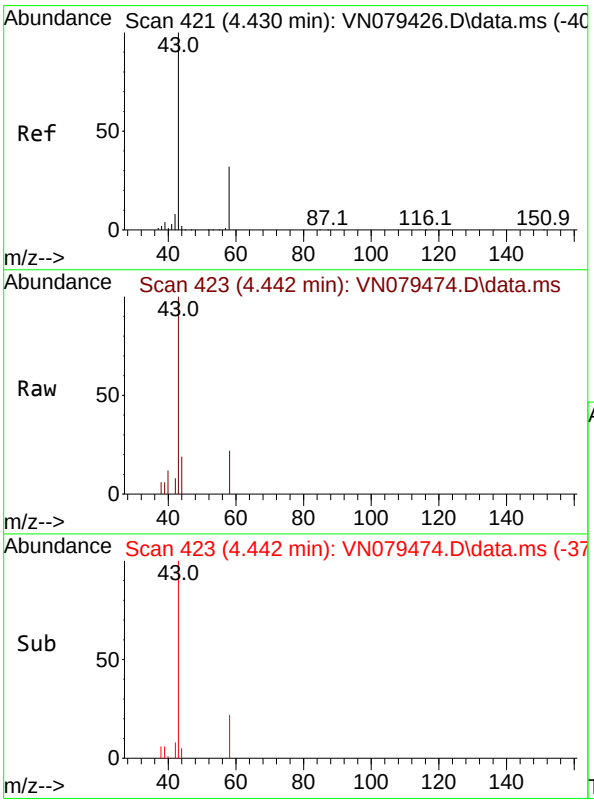
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079474.D
Acq: 09 Oct 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :
BW1D

Tgt Ion:168 Resp: 253063

Ion	Ratio	Lower	Upper
168	100		
99	62.0	53.0	79.6

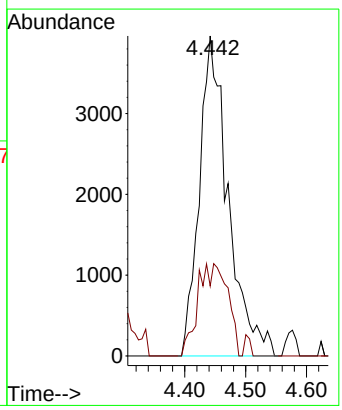


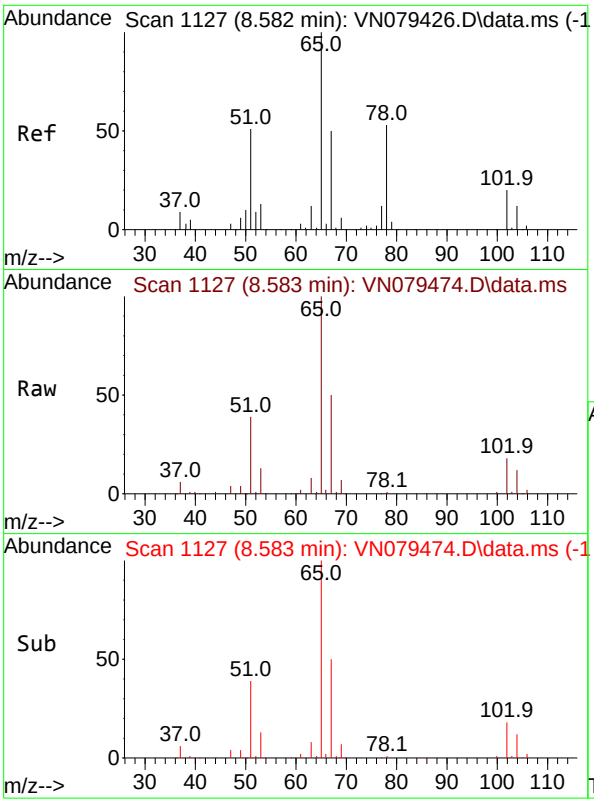


#16
Acetone
Concen: 7.976 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079474.D
Acq: 09 Oct 2023 16:00

Tgt Ion: 43 Resp: 12981

Ion	Ratio	Lower	Upper
43	100		
58	21.8	28.0	42.0#



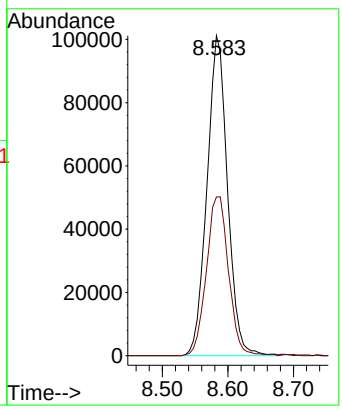


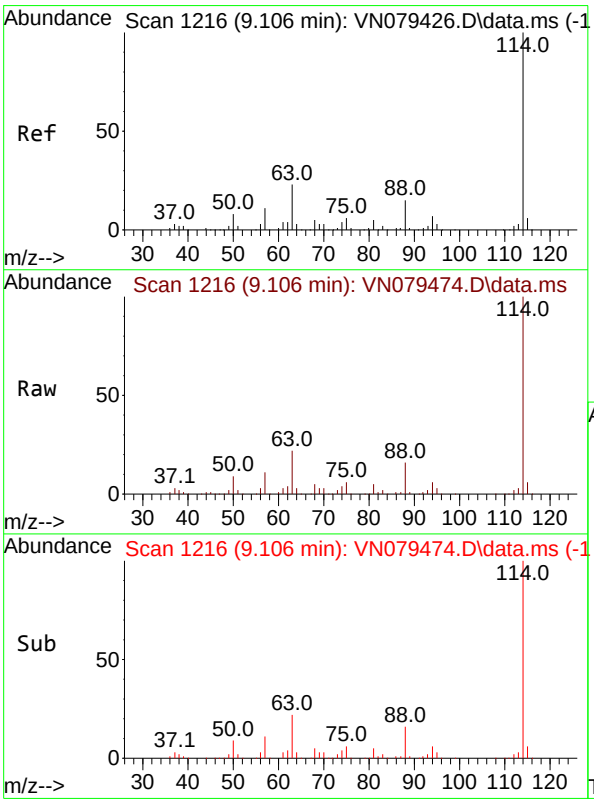
#33
1,2-Dichloroethane-d4
Concen: 53.648 ug/l
RT: 8.583 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079474.D
Acq: 09 Oct 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :
BW1D

Tgt Ion: 65 Resp: 220129

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.6

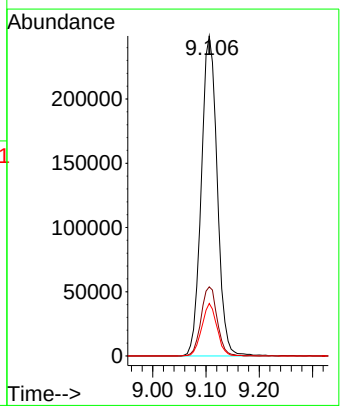


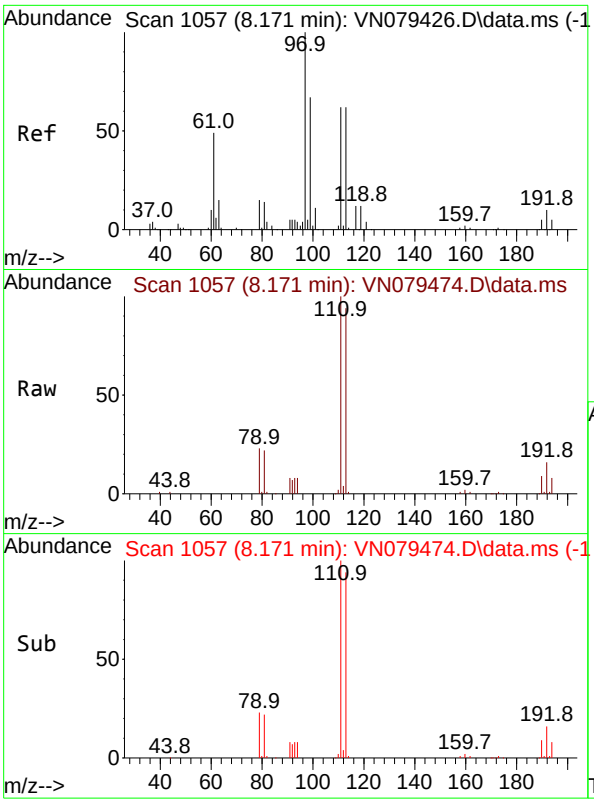


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079474.D
Acq: 09 Oct 2023 16:00

Tgt Ion:114 Resp: 516968

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	36.4
88	16.4	0.0	30.6



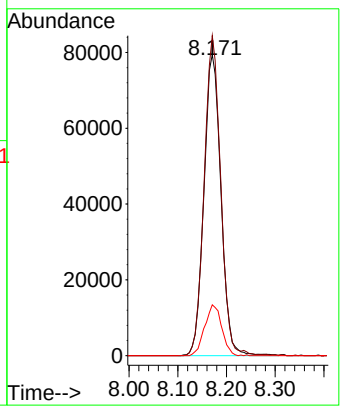


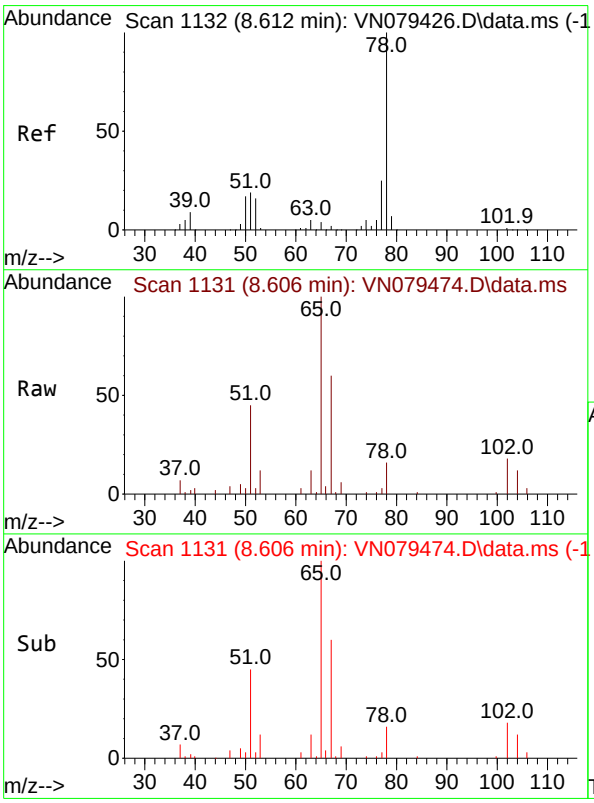
#35
Dibromofluoromethane
Concen: 51.826 ug/l
RT: 8.171 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079474.D
Acq: 09 Oct 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :
BW1D

Tgt Ion:113 Resp: 192541

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	16.9	12.7	19.1

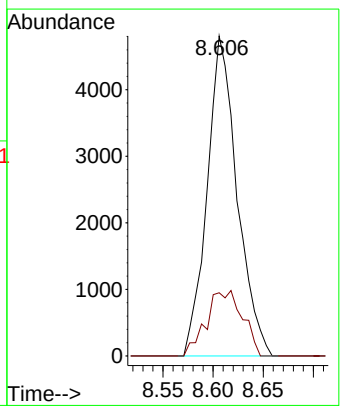


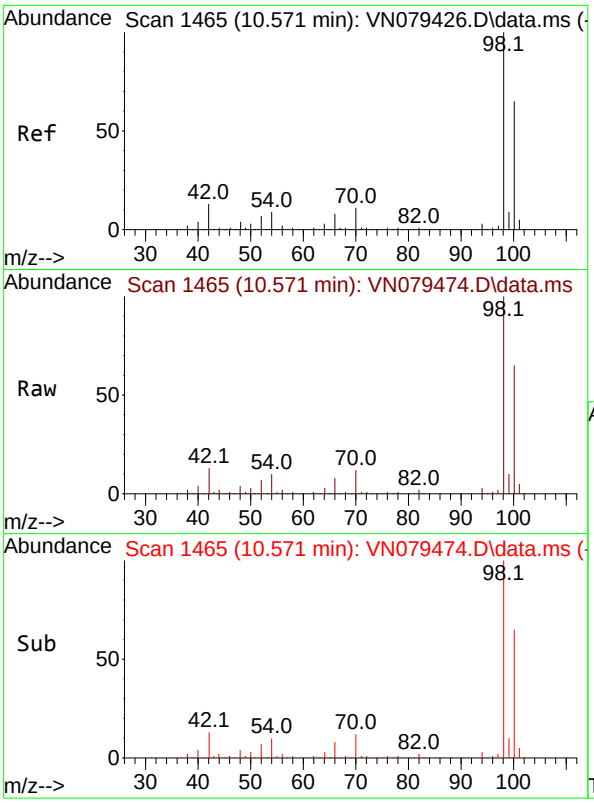


#40
Benzene
Concen: 0.604 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079474.D
Acq: 09 Oct 2023 16:00

Tgt Ion: 78 Resp: 9994

Ion	Ratio	Lower	Upper
78	100		
77	19.8	19.0	28.6



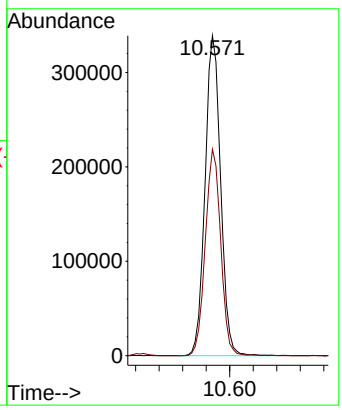


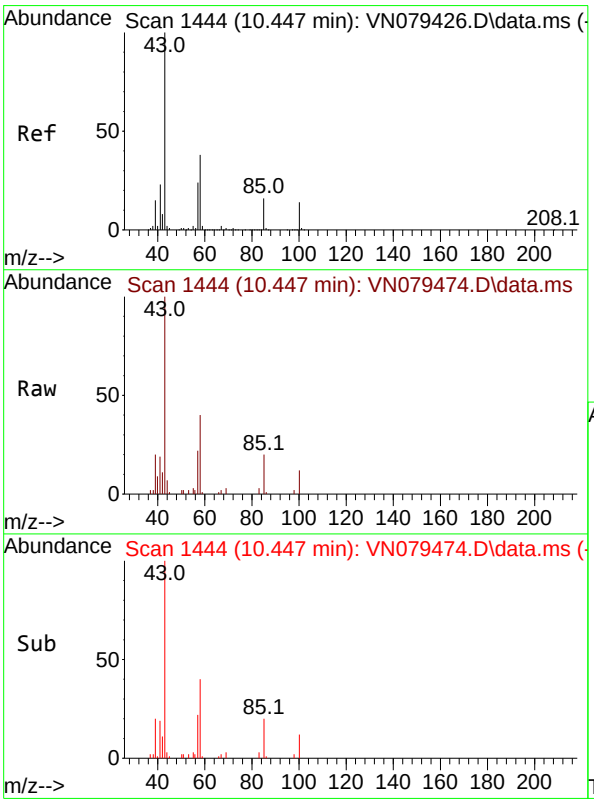
#50
Toluene-d8
Concen: 46.241 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN079474.D
Acq: 09 Oct 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :
BW1D

Tgt Ion: 98 Resp: 621591

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.0	78.0

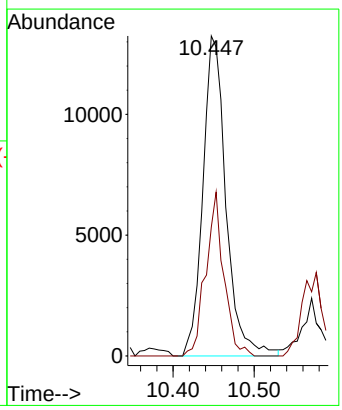


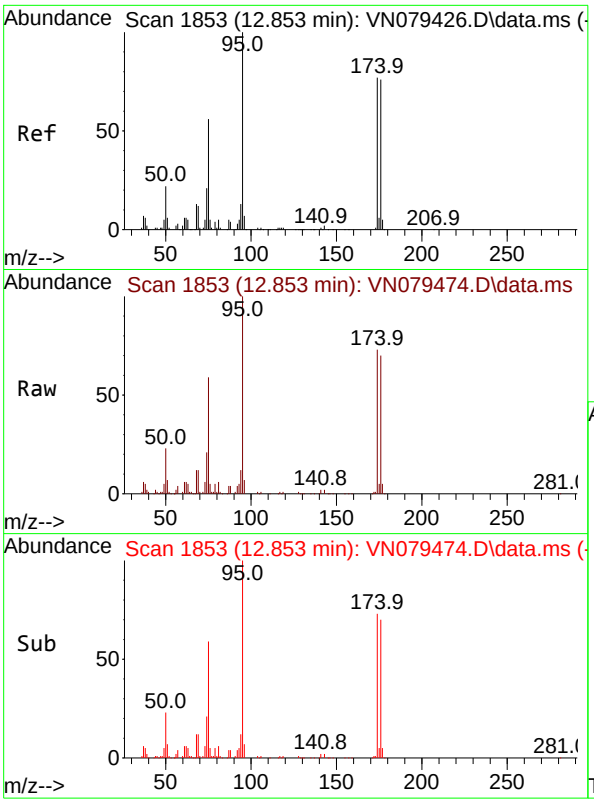


#51
4-Methyl-2-Pentanone
Concen: 4.770 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079474.D
Acq: 09 Oct 2023 16:00

Tgt Ion: 43 Resp: 26174

Ion	Ratio	Lower	Upper
43	100		
58	40.1	36.6	54.8



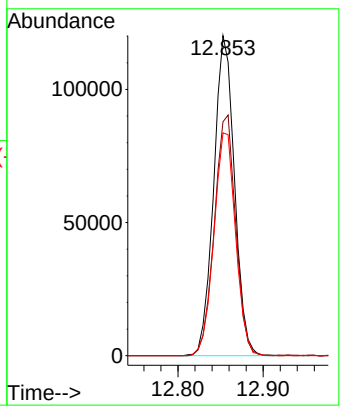


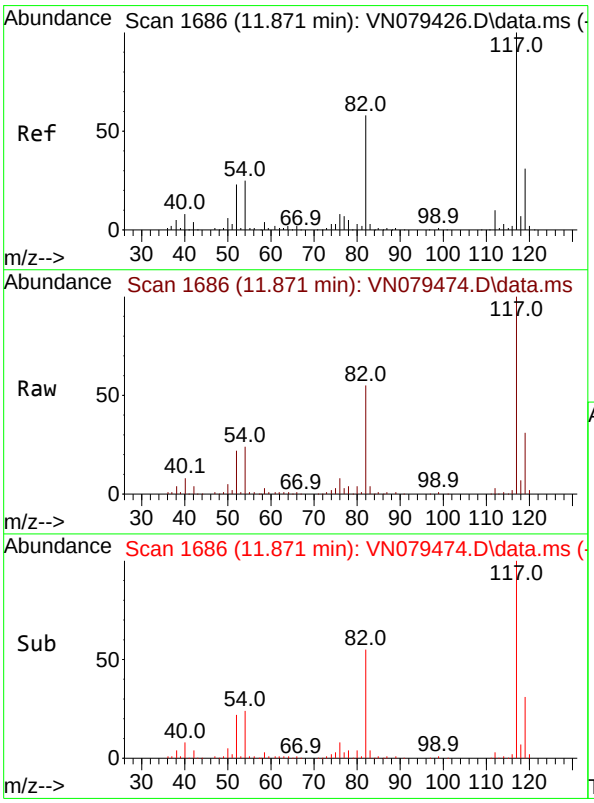
#62
4-Bromofluorobenzene
Concen: 47.041 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079474.D
Acq: 09 Oct 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :
BW1D

Tgt Ion: 95 Resp: 202931

Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	143.8
176	72.7	0.0	135.8

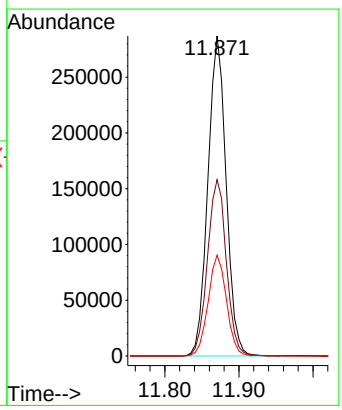


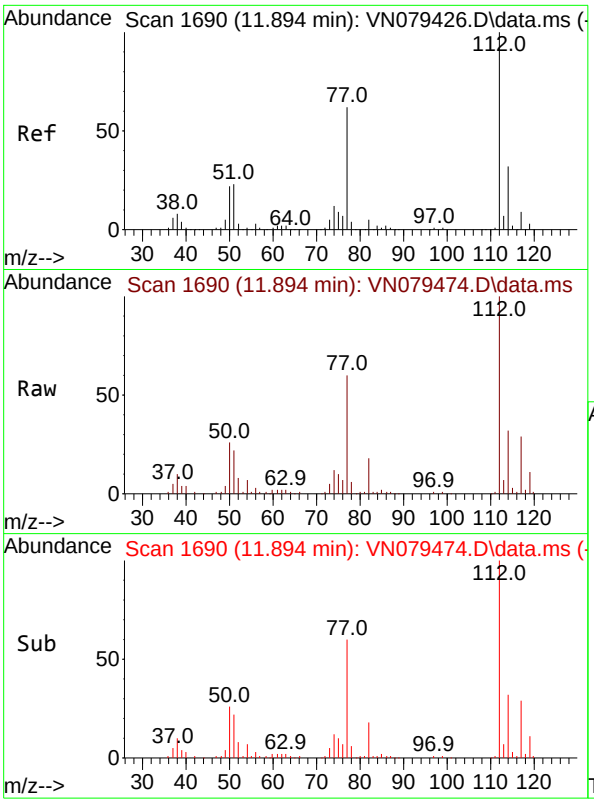


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079474.D
Acq: 09 Oct 2023 16:00

Tgt Ion:117 Resp: 489961

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.0	66.0
119	31.5	25.6	38.4



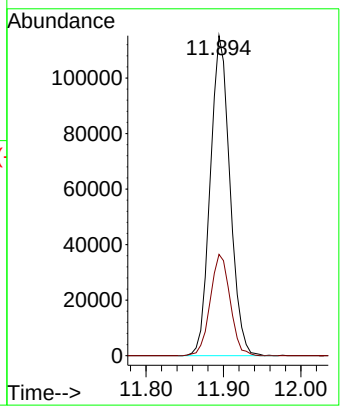


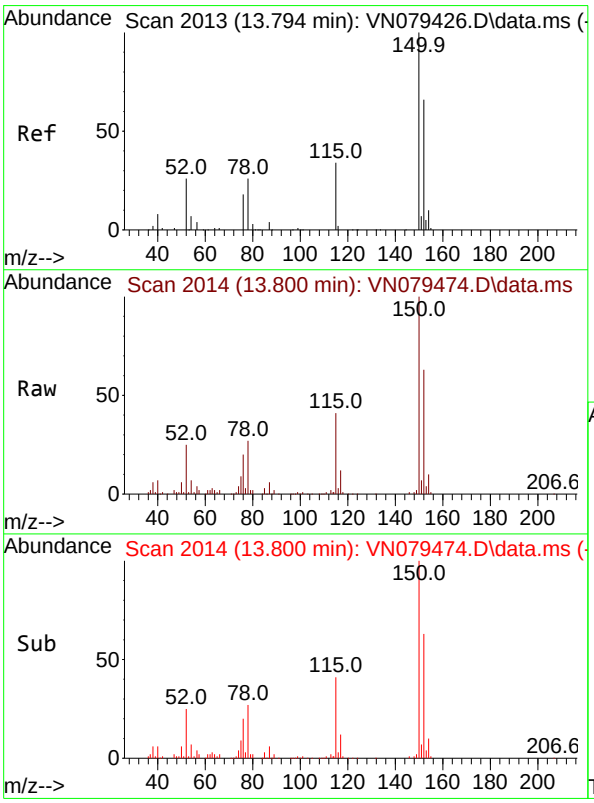
#65
Chlorobenzene
Concen: 18.615 ug/l
RT: 11.894 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079474.D
Acq: 09 Oct 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :
BW1D

Tgt Ion:112 Resp: 203115

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.0	37.4

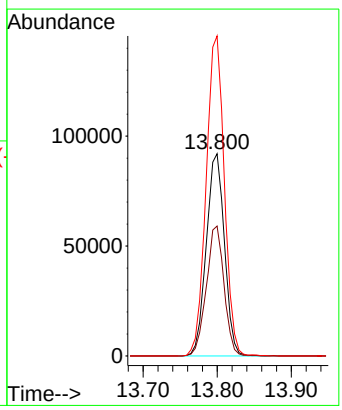


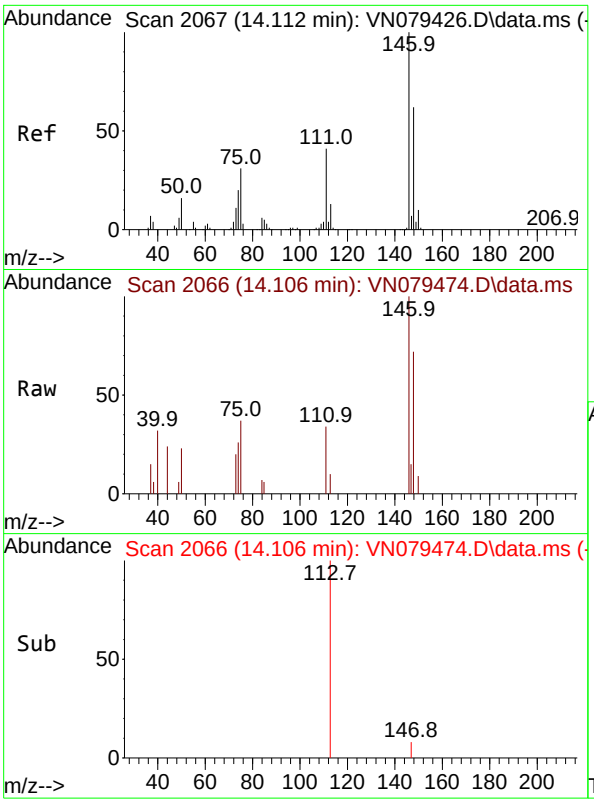


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079474.D
Acq: 09 Oct 2023 16:00

Tgt Ion:152 Resp: 156518

Ion	Ratio	Lower	Upper
152	100		
115	62.7	32.3	96.8
150	158.4	0.0	355.8





#91
1,2-Dichlorobenzene
Concen: 0.900 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN079474.D
Acq: 09 Oct 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :
BW1D

Tgt Ion:146 Resp: 4970

Ion	Ratio	Lower	Upper
146	100		
111	42.4	22.0	66.0
148	76.6	31.8	95.3