Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
Data File : VN079455.D
Acq On : 06 Oct 2023 18:20
Operator : JC\MD
Sample : 04731-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DTP-2

Quant Time: Oct 06 23:07:19 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	8.229	168	186275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	396958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	354573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	88257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	196450	65.043	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 130.080%#			
35) Dibromofluoromethane	8.171	113	144573	50.680	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.360%			
50) Toluene-d8	10.570	98	518235	50.208	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.420%			
62) 4-Bromofluorobenzene	12.853	95	127197	38.399	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 76.800%#			
Target Compounds						Qvalue
16) Acetone	4.441	43	23980	20.017	ug/l #	87
18) Methyl Acetate	5.041	43	7038	1.200	ug/l #	70
20) Methylene Chloride	5.288	84	13381	4.554	ug/l	91
37) Ethyl Acetate	7.577	43	5715	1.341	ug/l #	79
43) Isopropyl Acetate	8.694	43	312630	41.887	ug/l #	70

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

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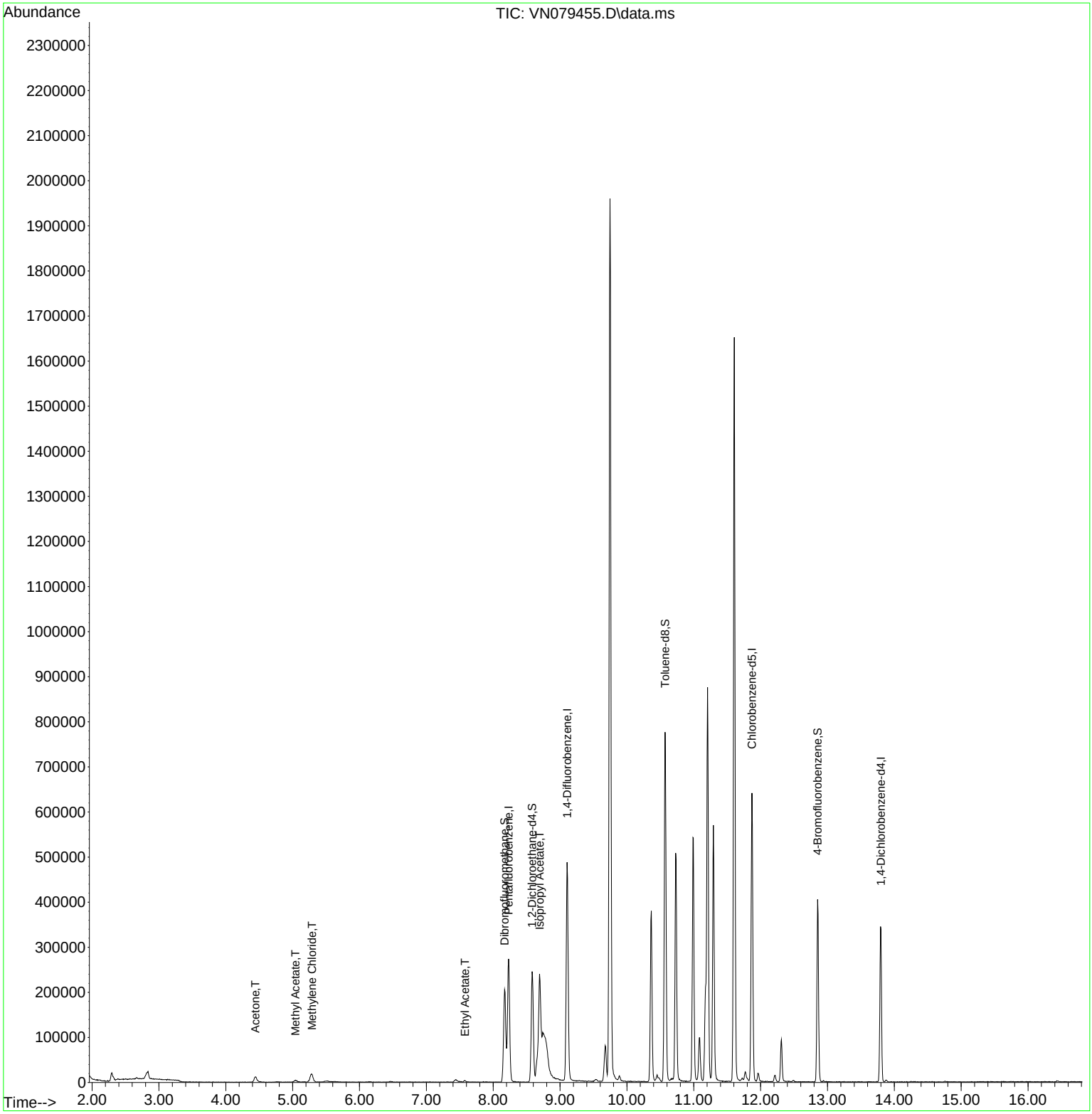
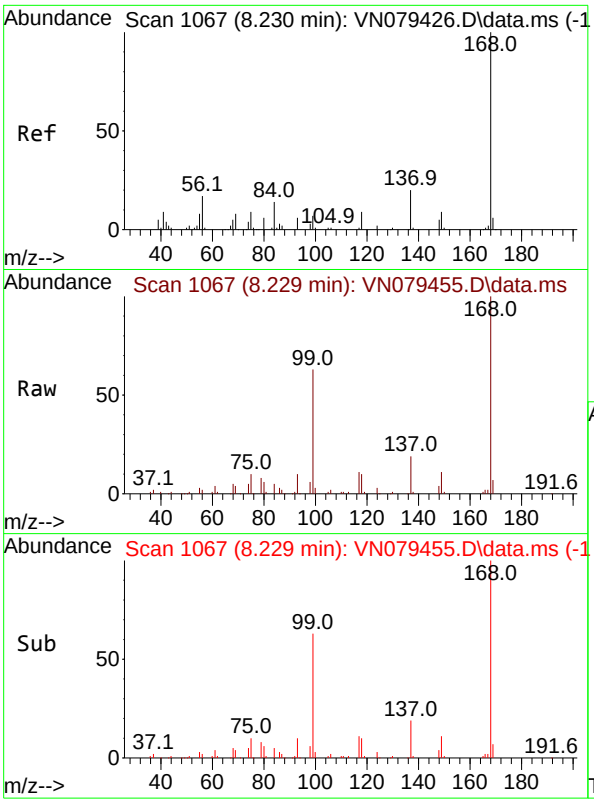


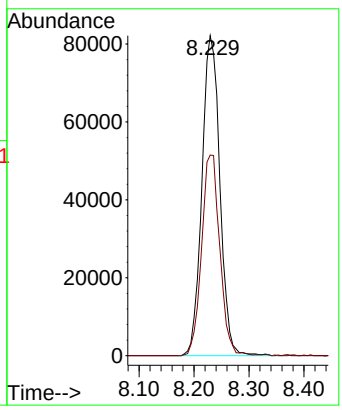


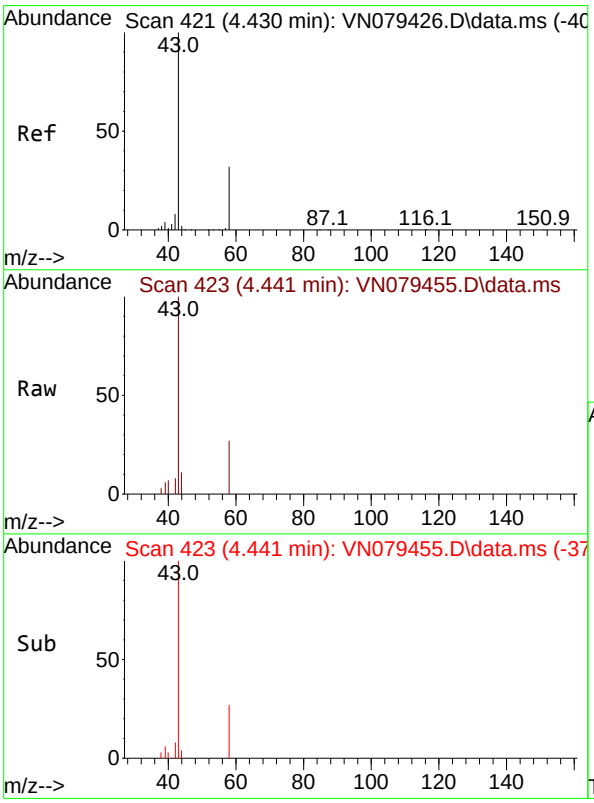
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN079455.D
Acq: 06 Oct 2023 18:20

Instrument :
MSVOA_N
ClientSampleId :
DTP-2

Tgt Ion:168 Resp: 186275

Ion	Ratio	Lower	Upper
168	100		
99	62.7	53.0	79.6

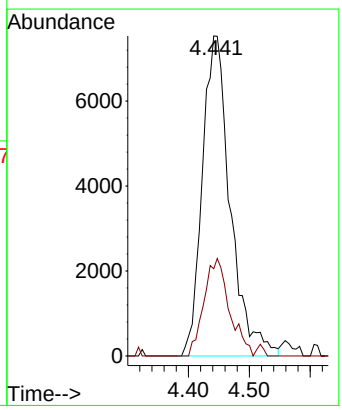


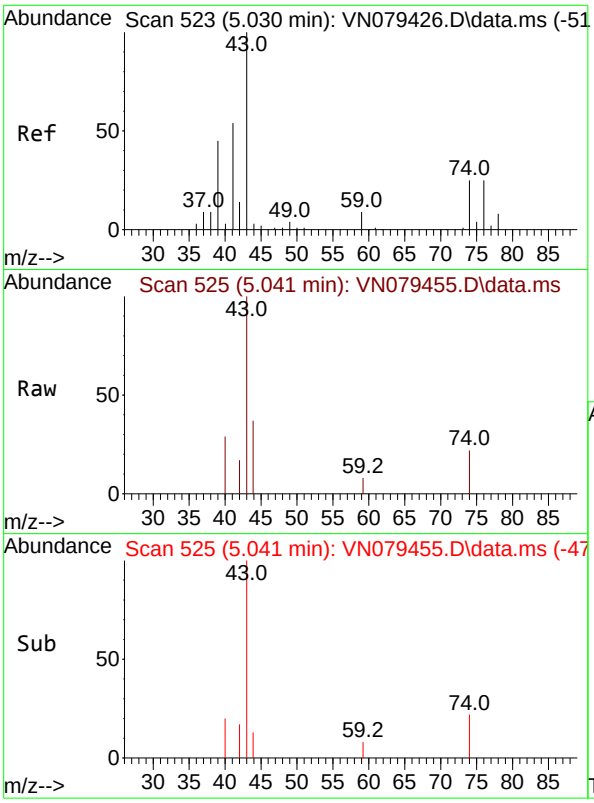


#16
Acetone
Concen: 20.017 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN079455.D
Acq: 06 Oct 2023 18:20

Tgt Ion: 43 Resp: 23980

Ion	Ratio	Lower	Upper
43	100		
58	27.2	28.0	42.0#



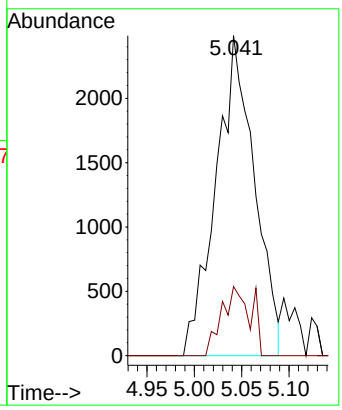


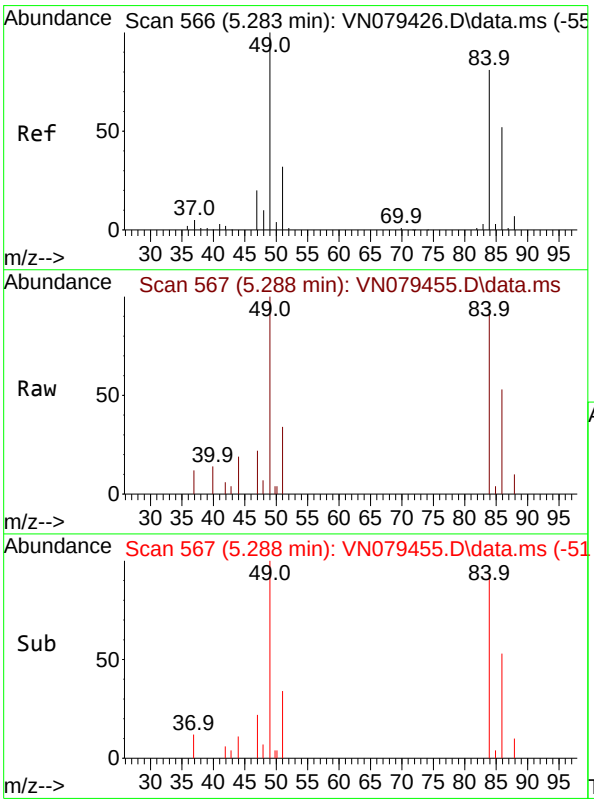
#18
Methyl Acetate
Concen: 1.200 ug/l
RT: 5.041 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN079455.D
Acq: 06 Oct 2023 18:20

Instrument :
MSVOA_N
ClientSampleId :
DTP-2

Tgt Ion: 43 Resp: 7038

Ion	Ratio	Lower	Upper
43	100		
74	16.1	26.2	39.4#

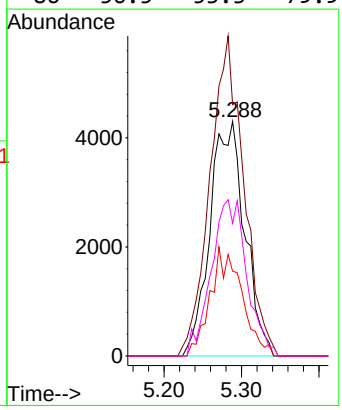


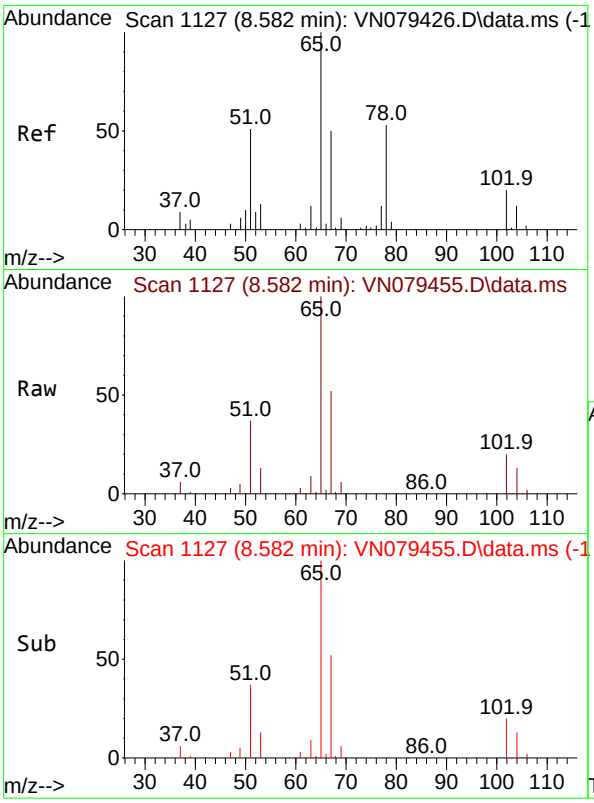


#20
Methylene Chloride
Concen: 4.554 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN079455.D
Acq: 06 Oct 2023 18:20

Tgt Ion: 84 Resp: 13381

Ion	Ratio	Lower	Upper
84	100		
49	107.2	79.7	119.5
51	36.1	25.2	37.8
86	56.5	53.3	79.9



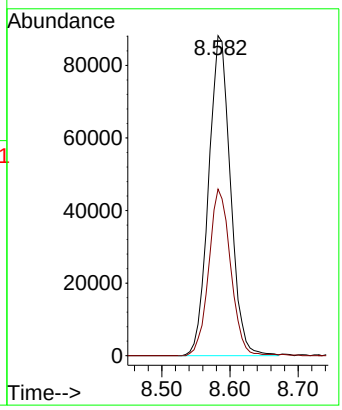


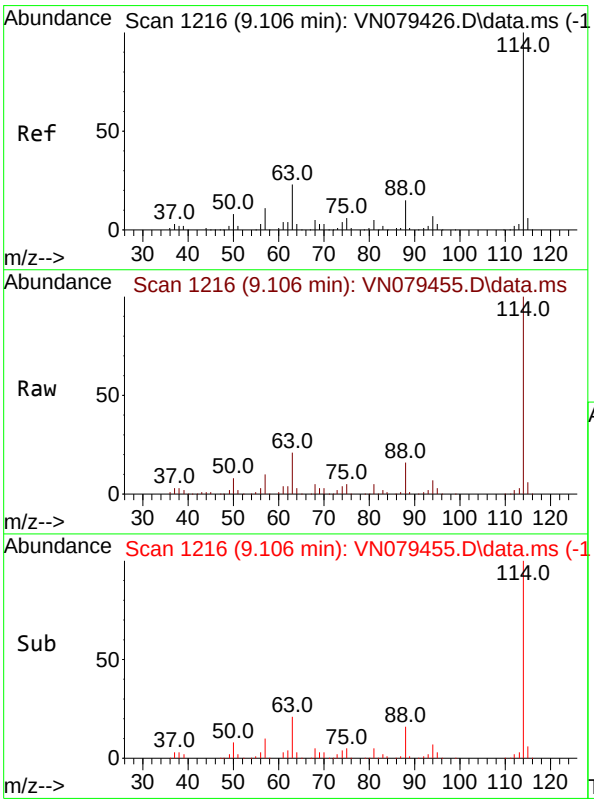
#33
1,2-Dichloroethane-d4
Concen: 65.043 ug/l
RT: 8.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079455.D
Acq: 06 Oct 2023 18:20

Instrument :
MSVOA_N
ClientSampleId :
DTP-2

Tgt Ion: 65 Resp: 196450

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.6

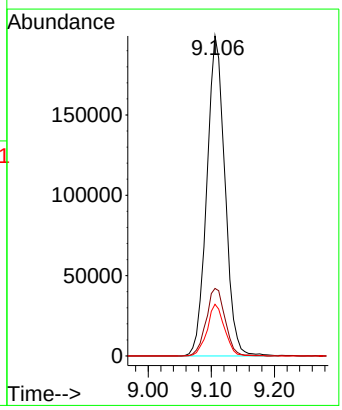


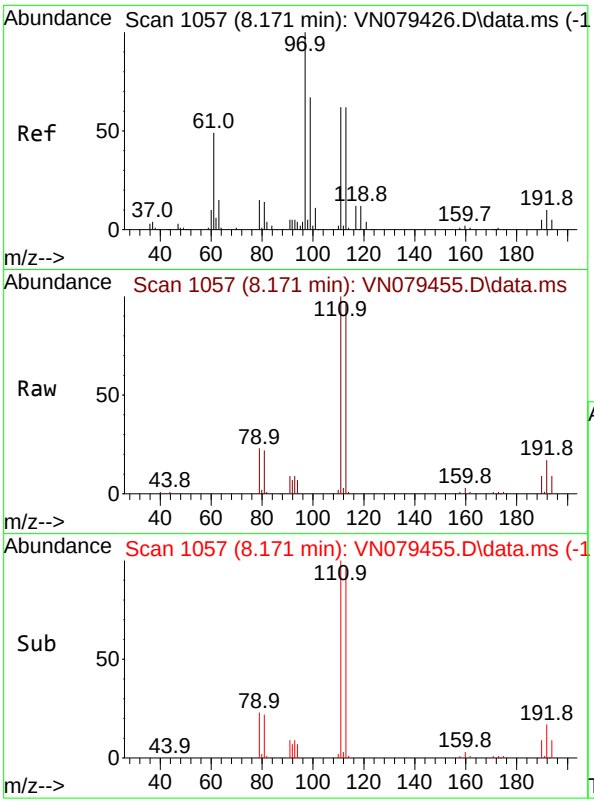


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079455.D
Acq: 06 Oct 2023 18:20

Tgt Ion:114 Resp: 396958

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	36.4
88	16.2	0.0	30.6



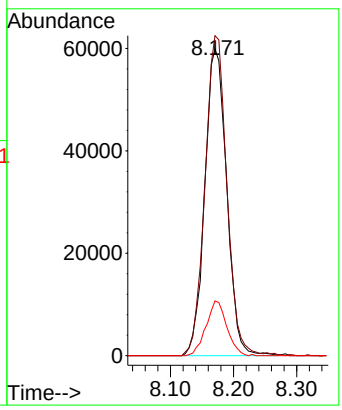


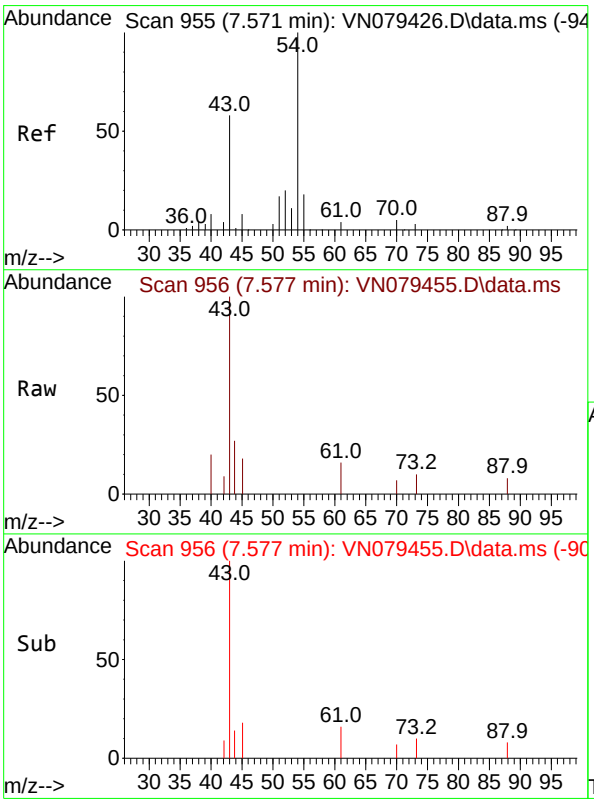
#35
Dibromofluoromethane
Concen: 50.680 ug/l
RT: 8.171 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079455.D
Acq: 06 Oct 2023 18:20

Instrument :
MSVOA_N
ClientSampleId :
DTP-2

Tgt Ion:113 Resp: 144573

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	123.8
192	16.8	12.7	19.1

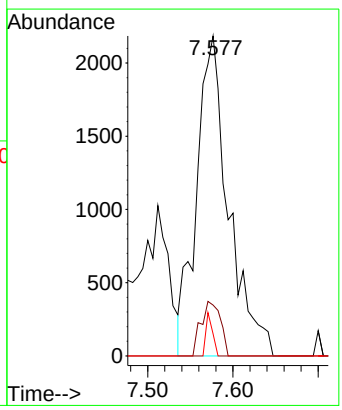


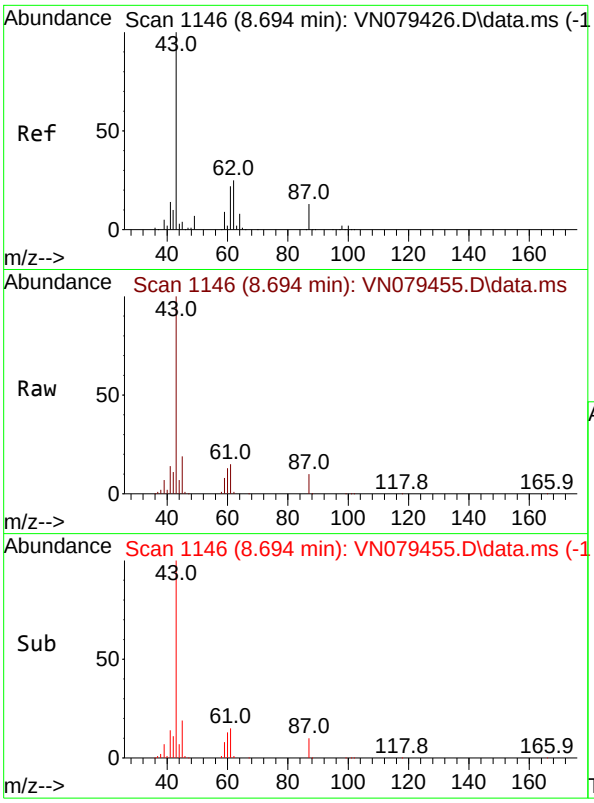


#37
Ethyl Acetate
Concen: 1.341 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN079455.D
Acq: 06 Oct 2023 18:20

Tgt Ion: 43 Resp: 5715

Ion	Ratio	Lower	Upper
43	100		
61	10.3	13.2	19.8#
70	2.7	11.3	16.9#



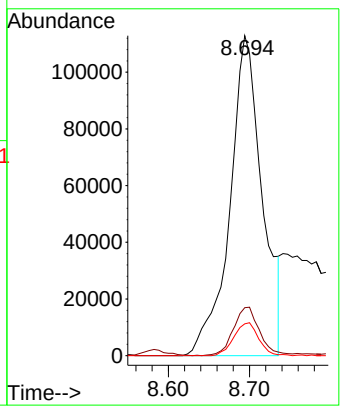


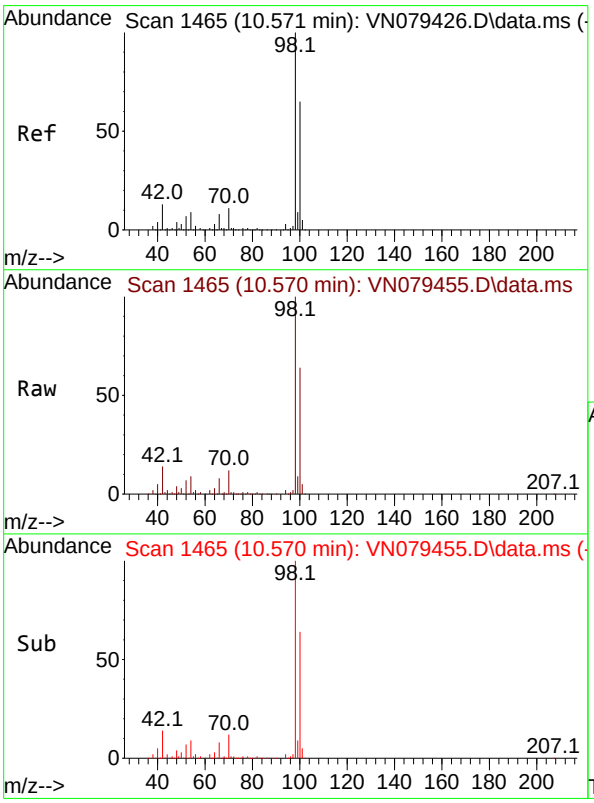
#43
Isopropyl Acetate
Concen: 41.887 ug/l
RT: 8.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079455.D
Acq: 06 Oct 2023 18:20

Instrument :
MSVOA_N
ClientSampleId :
DTP-2

Tgt Ion: 43 Resp: 312630

Ion	Ratio	Lower	Upper
43	100		
61	12.3	24.7	37.1#
87	7.9	14.6	21.8#

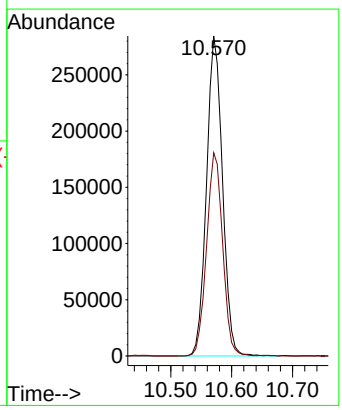


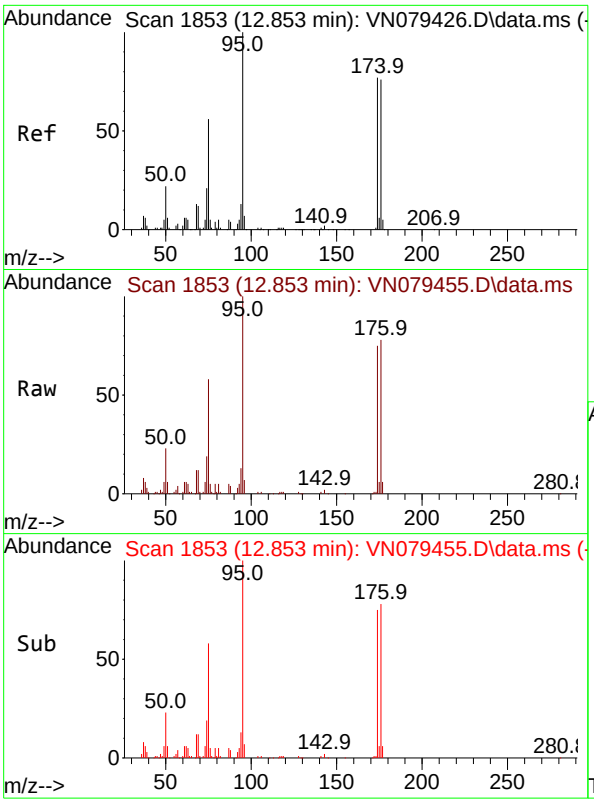


#50
Toluene-d8
Concen: 50.208 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079455.D
Acq: 06 Oct 2023 18:20

Tgt Ion: 98 Resp: 518235

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.0	78.0



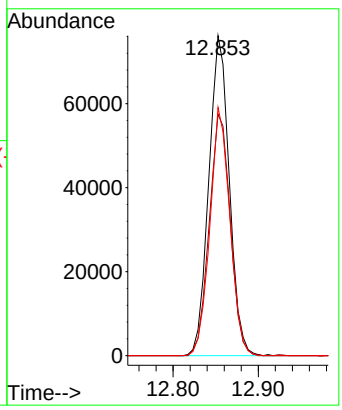


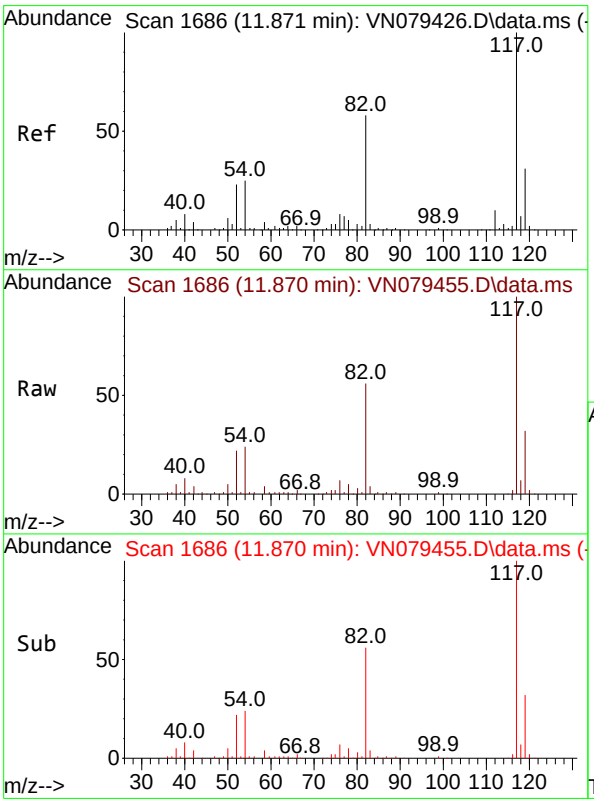
#62
4-Bromofluorobenzene
Concen: 38.399 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079455.D
Acq: 06 Oct 2023 18:20

Instrument :
MSVOA_N
ClientSampleId :
DTP-2

Tgt Ion: 95 Resp: 127197

Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	143.8
176	75.4	0.0	135.8

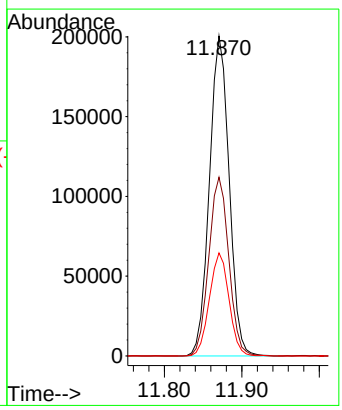


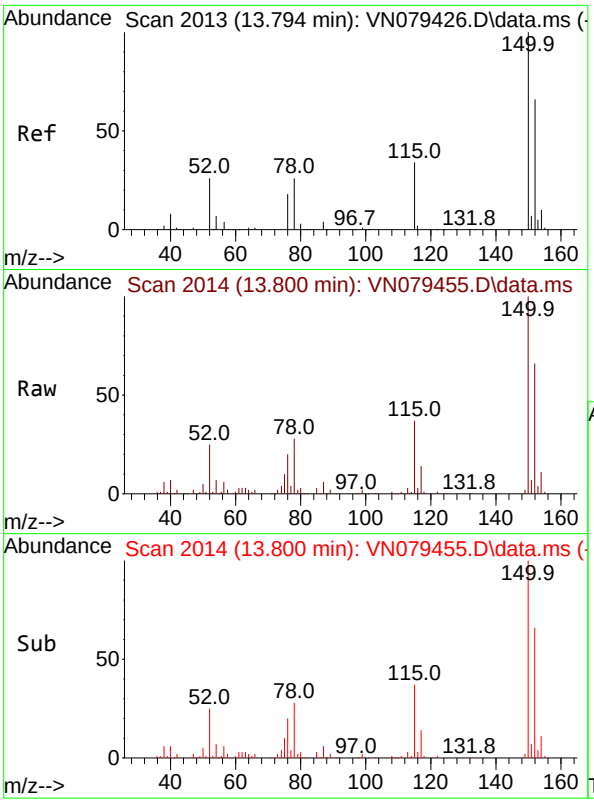


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079455.D
Acq: 06 Oct 2023 18:20

Tgt Ion:117 Resp: 354573

Ion	Ratio	Lower	Upper
117	100		
82	55.9	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: VN079455.D
Acq: 06 Oct 2023 18:20

Instrument :
MSVOA_N
ClientSampleId :
DTP-2

Tgt Ion:152 Resp: 88257

Ion	Ratio	Lower	Upper
152	100		
115	62.9	32.3	96.8
150	156.3	0.0	355.8