Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
Data File : VN079824.D
Acq On : 03 Nov 2023 04:46
Operator : JC\MD
Sample : 05222-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02S-20231101

Quant Time: Nov 03 05:40:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	219563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	437027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	456964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	200661	59.986	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.980%			
35) Dibromofluoromethane	8.165	113	165146	53.392	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.780%			
50) Toluene-d8	10.571	98	584154	51.301	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.600%			
62) 4-Bromofluorobenzene	12.853	95	189050	50.060	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.120%			
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	7.494	96	8048	2.553	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	28308	6.273	ug/l	93
38) Carbon Tetrachloride	8.359	117	4085	0.918	ug/l	94
44) Trichloroethene	9.353	130	384532	117.149	ug/l	96
64) Tetrachloroethene	11.106	164	77068	26.040	ug/l	95

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

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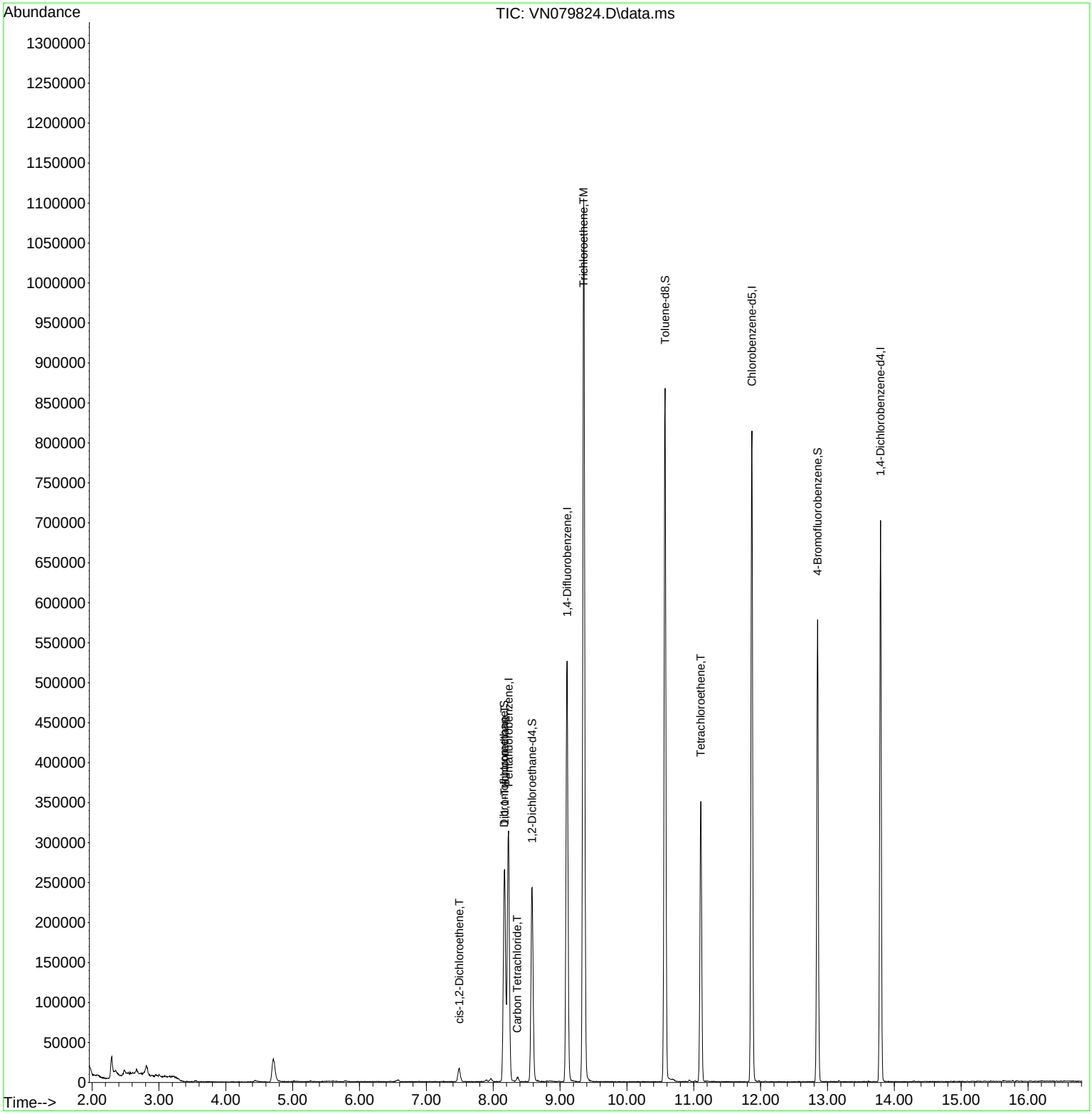
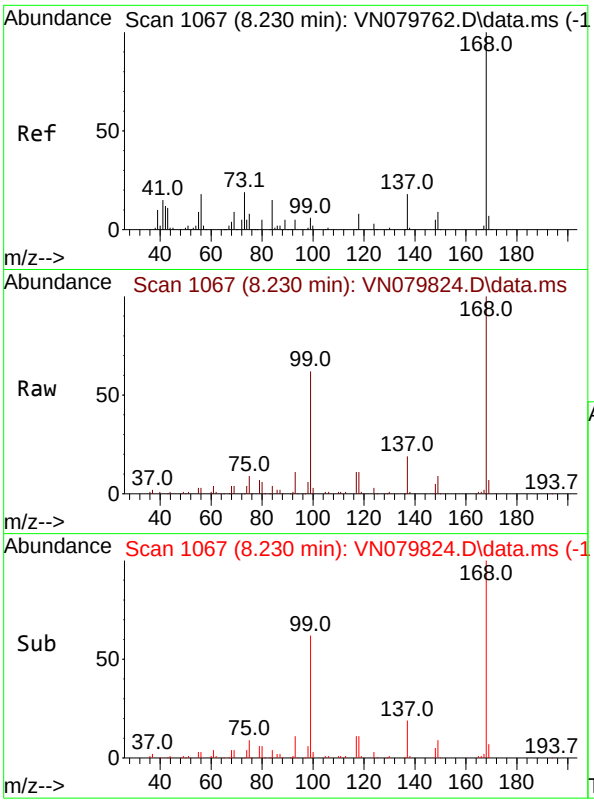


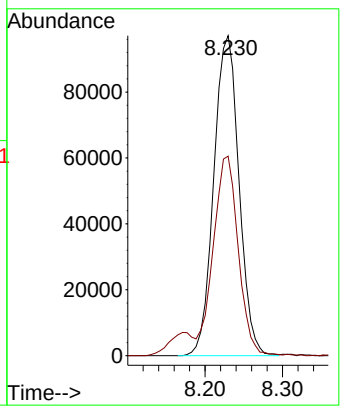


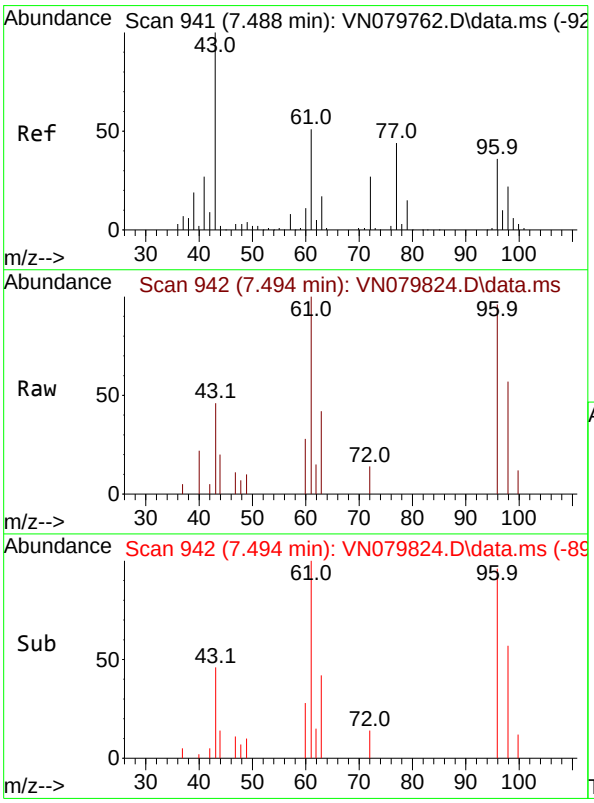
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN079824.D
Acq: 03 Nov 2023 04:46

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02S-20231101

Tgt Ion:168 Resp: 219563

Ion	Ratio	Lower	Upper
168	100		
99	62.0	53.0	79.6

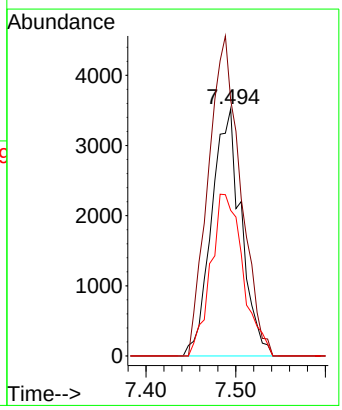


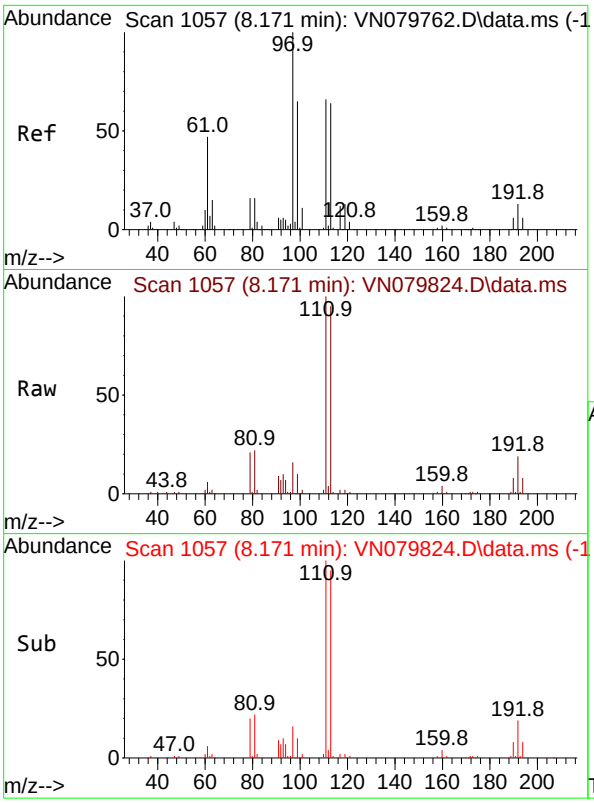


#27
cis-1,2-Dichloroethene
Concen: 2.553 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079824.D
Acq: 03 Nov 2023 04:46

Tgt Ion: 96 Resp: 8048

Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	255.2
98	71.3	0.0	128.8



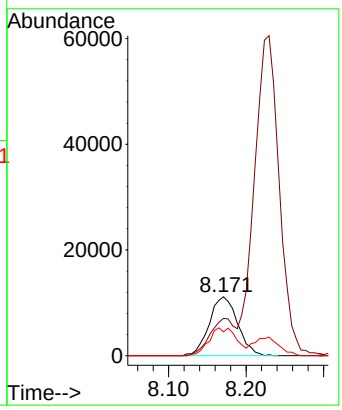


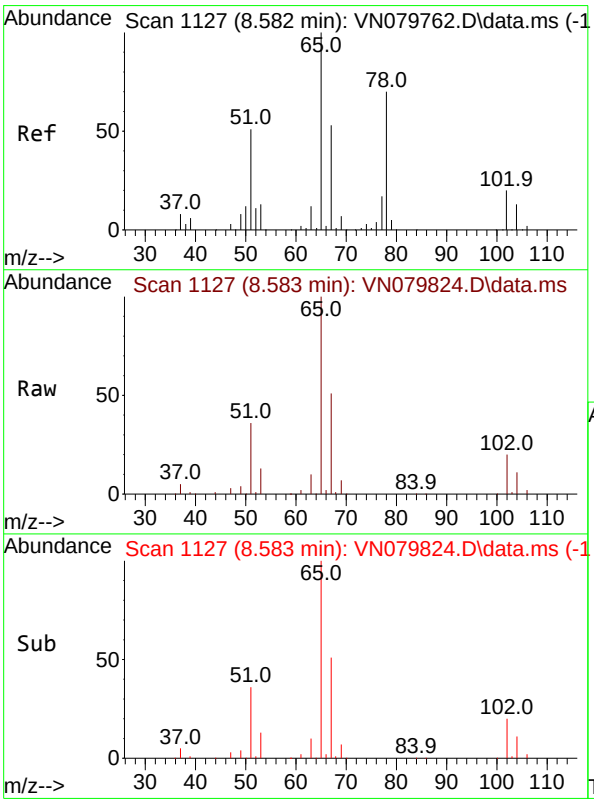
#32
1,1,1-Trichloroethane
Concen: 6.273 ug/l
RT: 8.171 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079824.D
Acq: 03 Nov 2023 04:46

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02S-20231101

Tgt Ion: 97 Resp: 28308

Ion	Ratio	Lower	Upper
97	100		
99	56.5	50.3	75.5
61	46.1	34.7	52.1

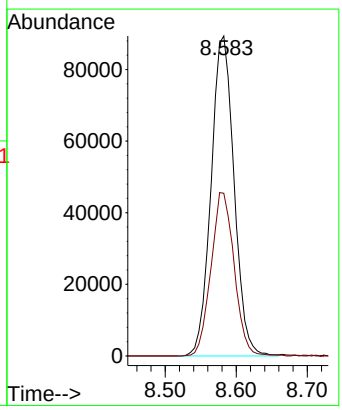


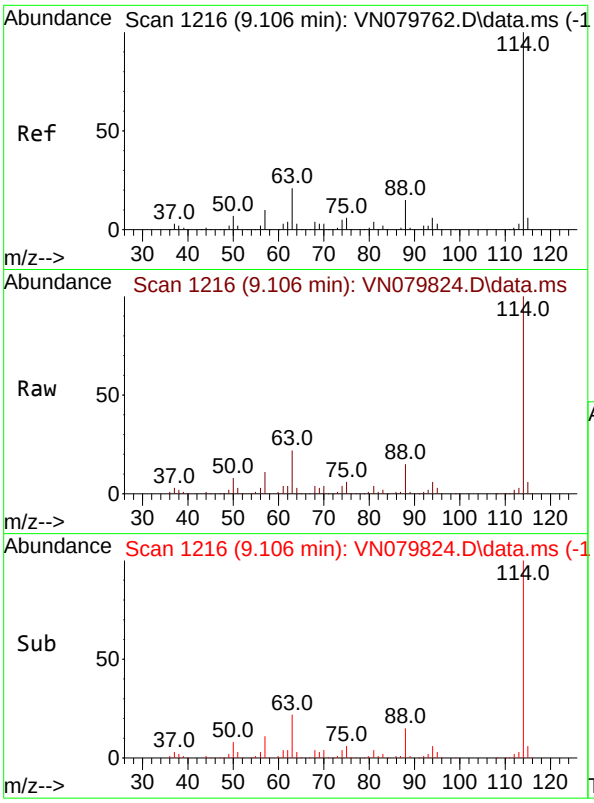


#33
1,2-Dichloroethane-d4
Concen: 59.986 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079824.D
Acq: 03 Nov 2023 04:46

Tgt Ion: 65 Resp: 200661

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	106.6



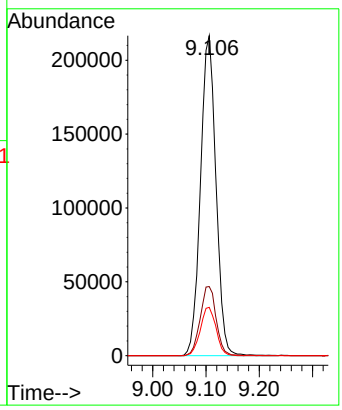


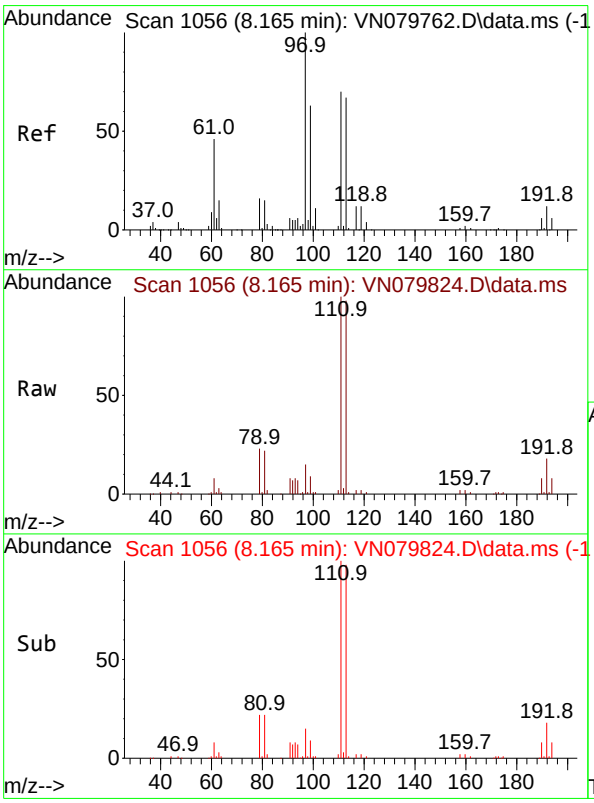
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079824.D
Acq: 03 Nov 2023 04:46

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02S-20231101

Tgt Ion:114 Resp: 437027

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	36.4
88	15.1	0.0	30.6

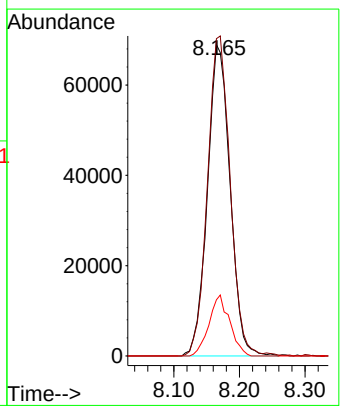


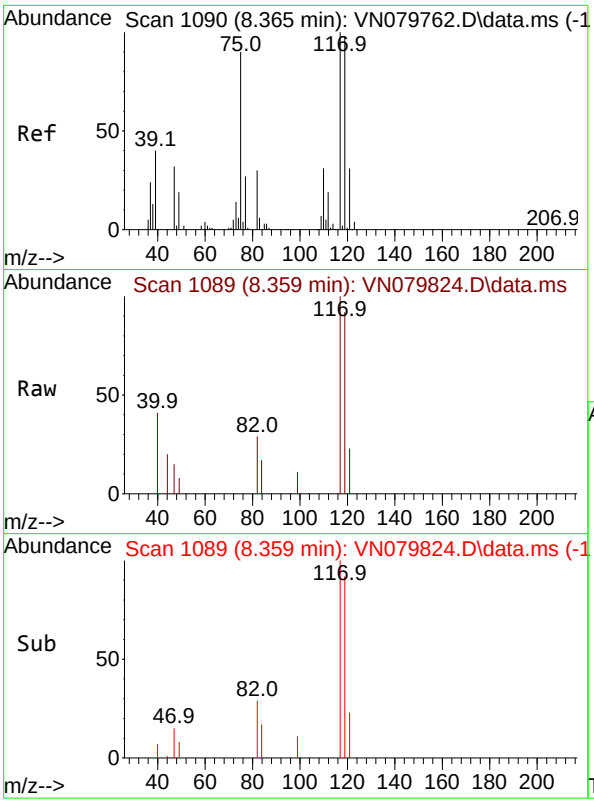


#35
Dibromofluoromethane
Concen: 53.392 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079824.D
Acq: 03 Nov 2023 04:46

Tgt Ion:113 Resp: 165146

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	17.9	12.7	19.1



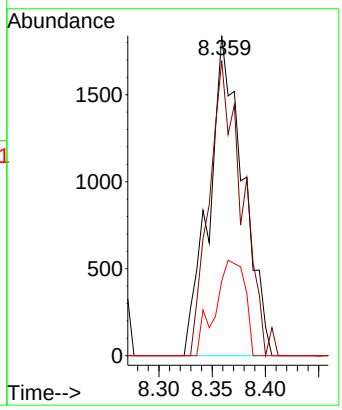


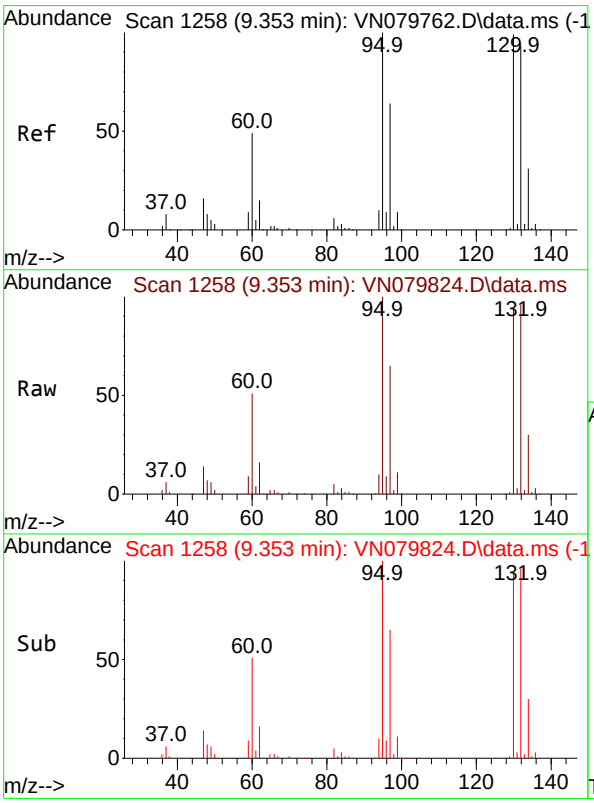
#38
Carbon Tetrachloride
Concen: 0.918 ug/l
RT: 8.359 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079824.D
Acq: 03 Nov 2023 04:46

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02S-20231101

Tgt Ion:117 Resp: 4085

Ion	Ratio	Lower	Upper
117	100		
119	92.2	77.3	115.9
121	23.4	23.3	34.9

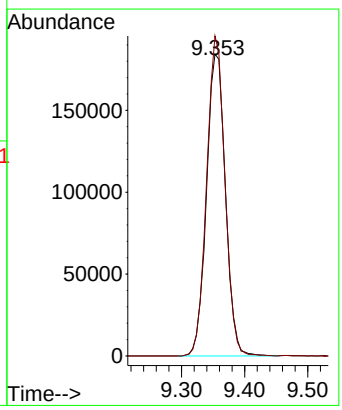


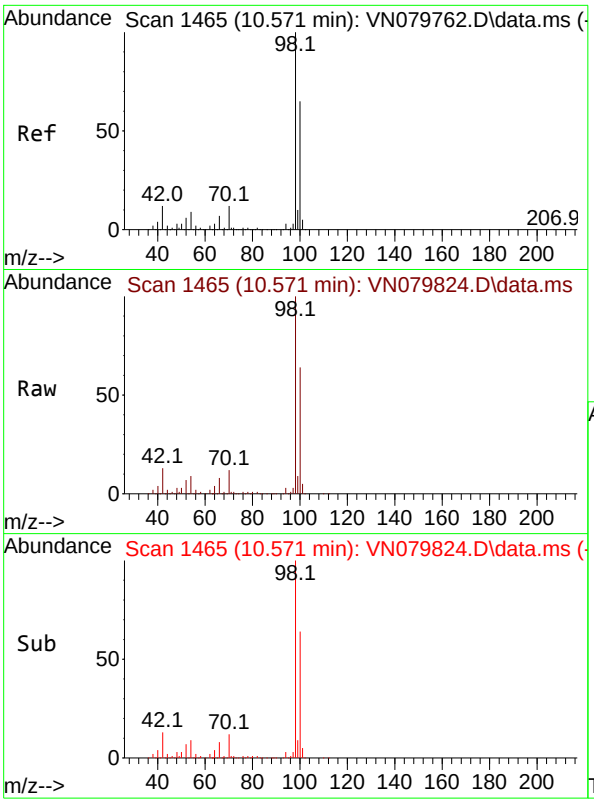


#44
Trichloroethene
Concen: 117.149 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079824.D
Acq: 03 Nov 2023 04:46

Tgt Ion:130 Resp: 384532

Ion	Ratio	Lower	Upper
130	100		
95	106.0	0.0	204.6



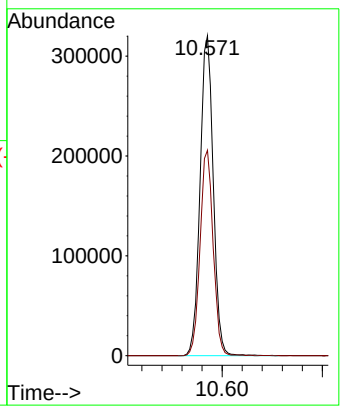


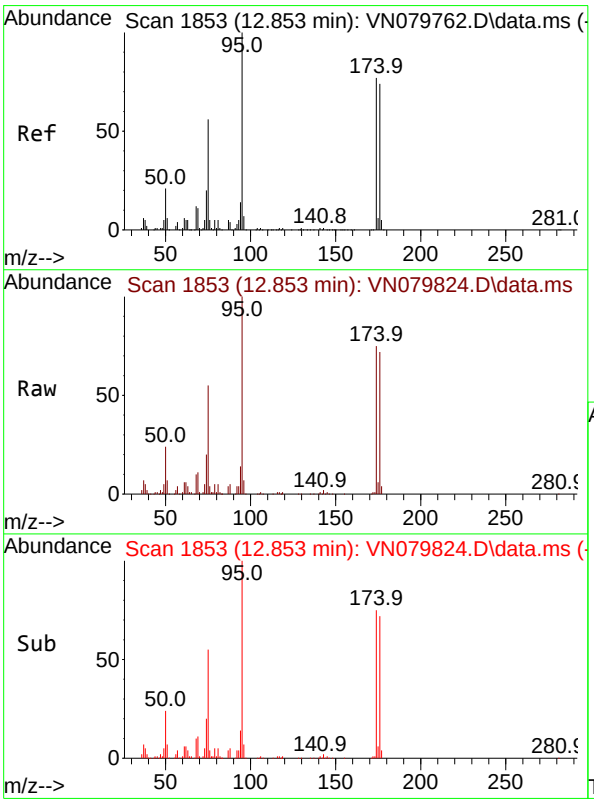
#50
Toluene-d8
Concen: 51.301 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN079824.D
Acq: 03 Nov 2023 04:46

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02S-20231101

Tgt Ion: 98 Resp: 584154

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.0	78.0

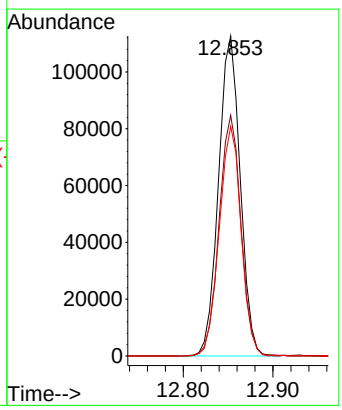


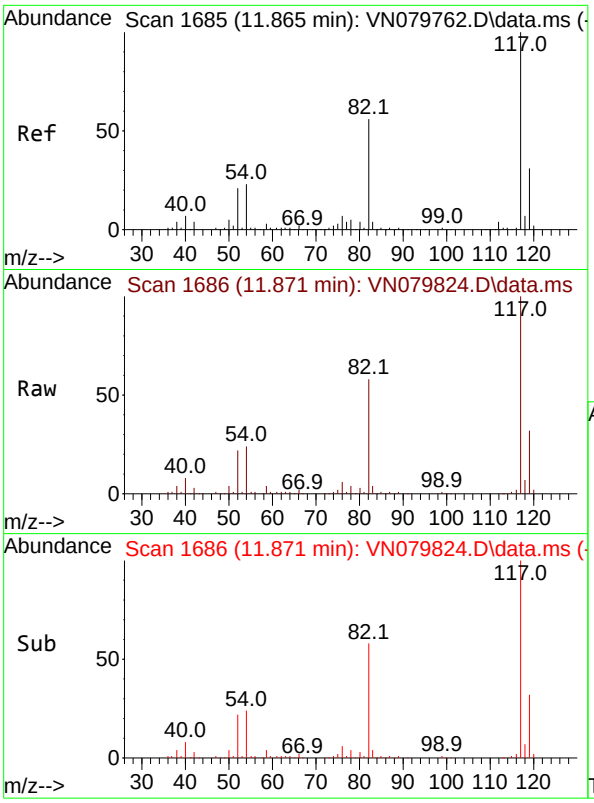


#62
4-Bromofluorobenzene
Concen: 50.060 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079824.D
Acq: 03 Nov 2023 04:46

Tgt Ion: 95 Resp: 189050

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	143.8
176	72.3	0.0	135.8



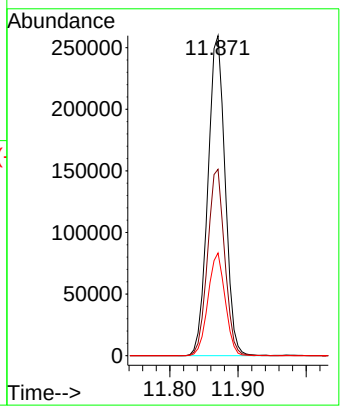


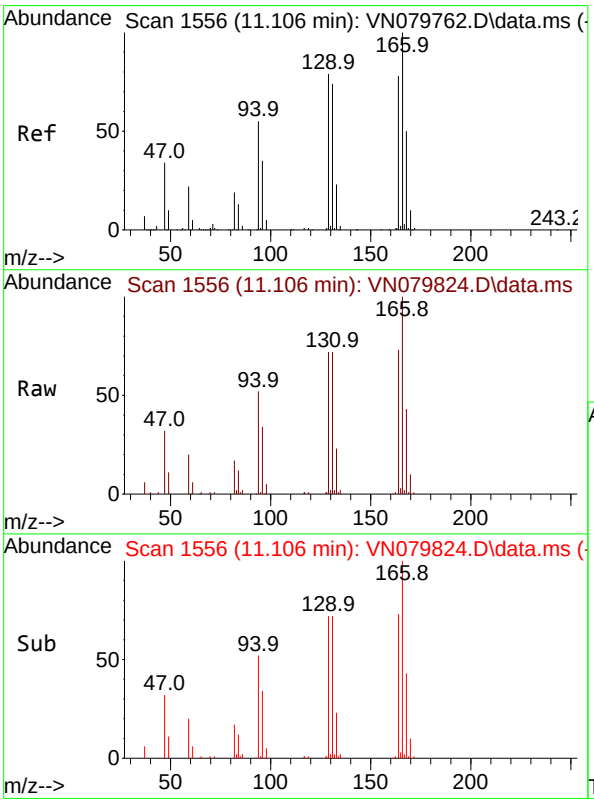
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079824.D
Acq: 03 Nov 2023 04:46

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02S-20231101

Tgt Ion:117 Resp: 456964

Ion	Ratio	Lower	Upper
117	100		
82	58.3	44.0	66.0
119	32.1	25.6	38.4

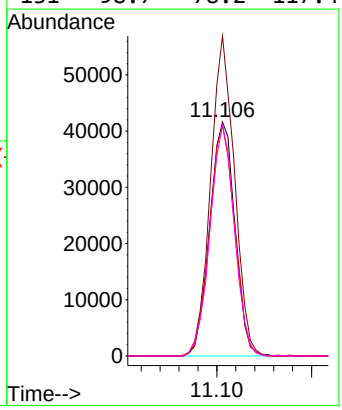


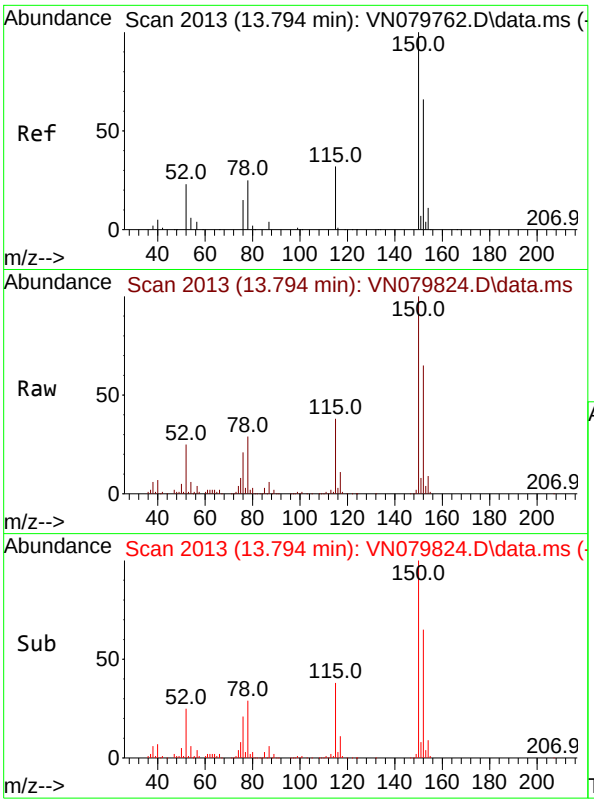


#64
Tetrachloroethene
Concen: 26.040 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079824.D
Acq: 03 Nov 2023 04:46

Tgt Ion:164 Resp: 77068

Ion	Ratio	Lower	Upper
164	100		
166	136.8	101.4	152.0
129	98.5	82.4	123.6
131	98.7	78.2	117.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN079824.D
Acq: 03 Nov 2023 04:46

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02S-20231101

Tgt Ion:152 Resp: 178385

Ion	Ratio	Lower	Upper
152	100		
115	60.3	32.3	96.8
150	156.1	0.0	355.8