Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091823\
Data File : VN079291.D
Acq On : 18 Sep 2023 17:37
Operator : JC\MD
Sample : 04414-02RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 19 01:26:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	151877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	279992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	238251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	62059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	110982	54.132	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.260%			
35) Dibromofluoromethane	8.171	113	84000	45.102	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.200%			
50) Toluene-d8	10.571	98	274509	40.141	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 80.280%#			
62) 4-Bromofluorobenzene	12.853	95	77786	35.659	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 71.320%#			
Target Compounds						Qvalue
3) Chloromethane	2.371	50	856	0.434	ug/l	97
5) Bromomethane	2.953	94	368	0.298	ug/l #	80
6) Chloroethane	3.083	64	203	Below Cal	#	43
15) Acrylonitrile	5.730	53	281	0.286	ug/l #	18
16) Acetone	4.453	43	2519	2.893	ug/l	88
20) Methylene Chloride	5.277	84	1330	0.628	ug/l #	79
25) 2-Butanone	7.518	43	371	0.294	ug/l #	37
31) Cyclohexane	8.230	56	3818	1.275	ug/l #	45
36) 1,1-Dichloropropene	8.230	75	13648	4.754	ug/l #	49
38) Carbon Tetrachloride	8.230	117	16614	5.593	ug/l #	18
43) Isopropyl Acetate	8.724	43	1964	0.420	ug/l #	49
51) 4-Methyl-2-Pentanone	10.447	43	765	0.282	ug/l #	68
59) 2-Hexanone	11.206	43	1185	0.603	ug/l	71
71) Bromoform	12.847	173	485	0.325	ug/l #	1
74) N-amyl acetate	12.500	43	531	0.248	ug/l #	36
76) 1,2,3-Trichloropropane	12.853	75	44129	26.384	ug/l #	1
79) 2-Chlorotoluene	13.235	91	955	0.230	ug/l	84
81) trans-1,4-Dichloro-2-b...	12.853	75	44129	72.535	ug/l #	15
82) 4-Chlorotoluene	13.235	91	955	0.245	ug/l	83
87) 1,3-Dichlorobenzene	13.741	146	874	0.373	ug/l #	59
88) 1,4-Dichlorobenzene	13.806	146	894	0.377	ug/l #	5
89) n-Butylbenzene	14.065	91	1019	0.303	ug/l #	65
91) 1,2-Dichlorobenzene	14.112	146	831	0.359	ug/l #	73
92) 1,2-Dibromo-3-Chloropr...	14.712	75	125	0.391	ug/l #	36
93) 1,2,4-Trichlorobenzene	15.382	180	548	0.659	ug/l #	14
94) Hexachlorobutadiene	15.506	225	213	0.325	ug/l #	33
95) Naphthalene	15.641	128	2608	1.056	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.841	180	875	0.892	ug/l #	89

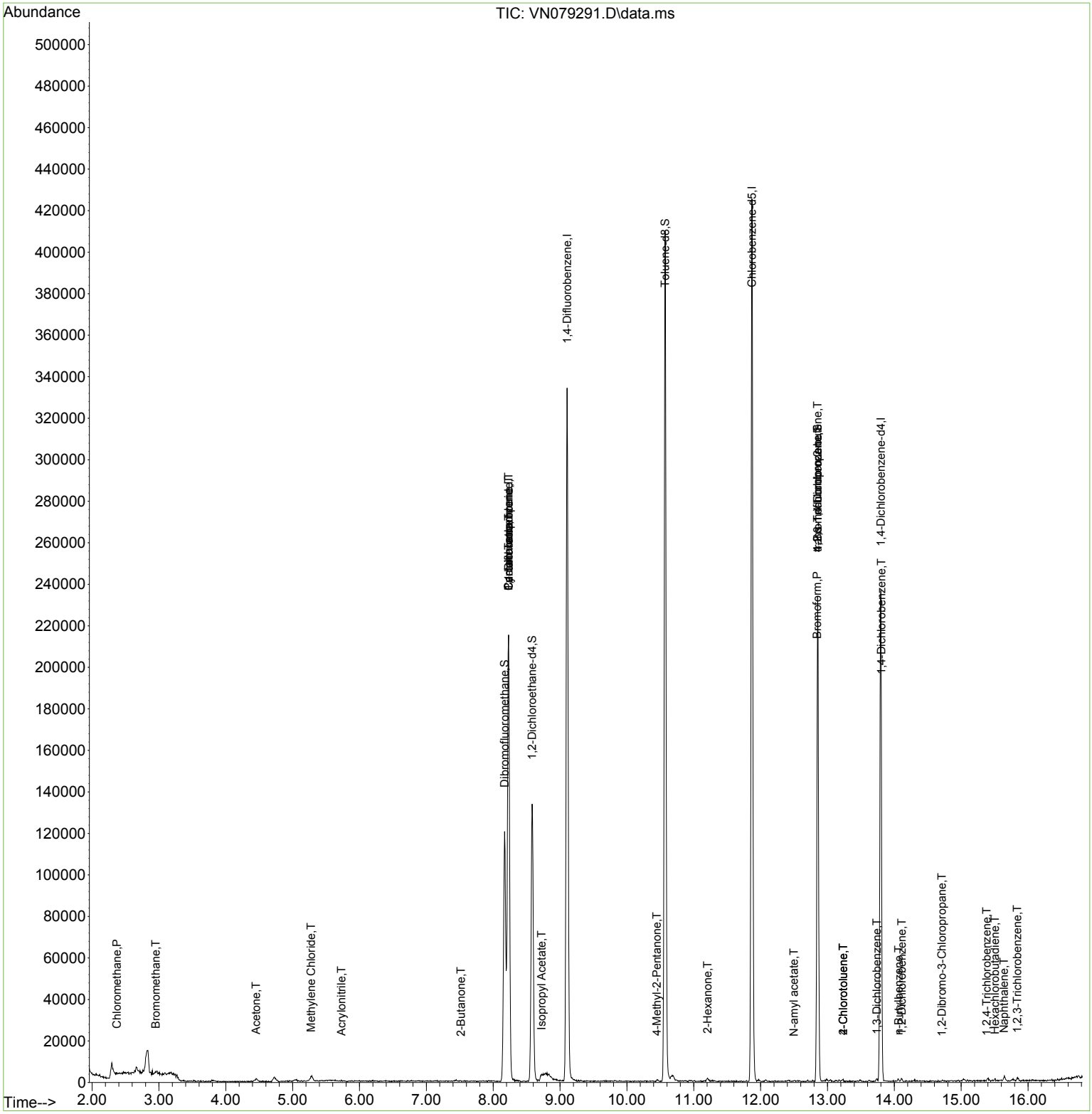
(#) = qualifier out of range (m) = manual integration (+) = signals summed

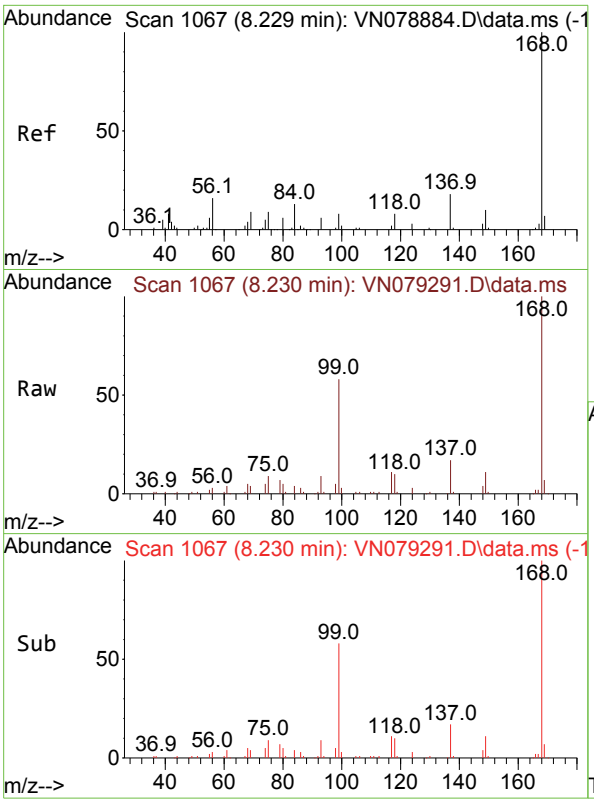
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091823\
Data File : VN079291.D
Acq On : 18 Sep 2023 17:37
Operator : JC\MD
Sample : 04414-02RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 19 01:26:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration



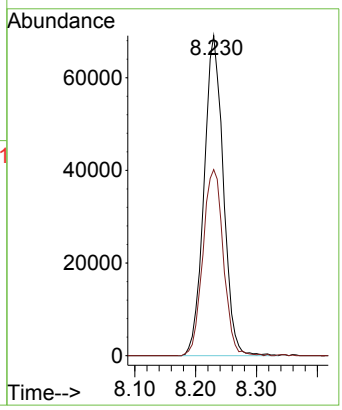


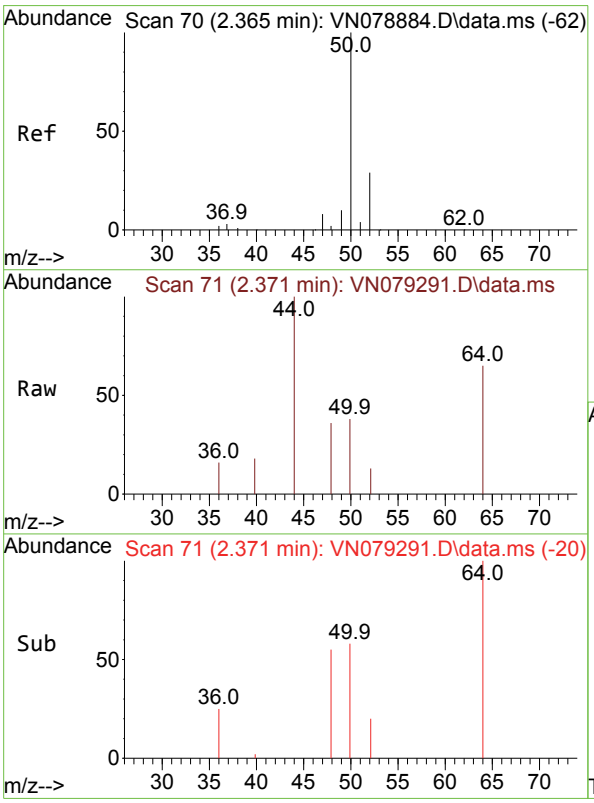
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 151877

Ion	Ratio	Lower	Upper
168	100		
99	58.1	53.0	79.6

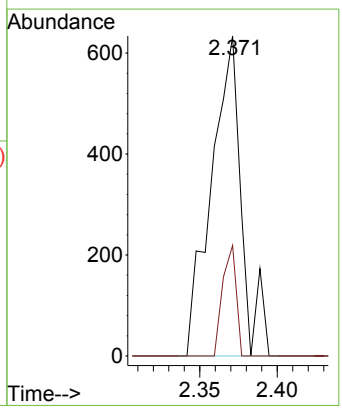


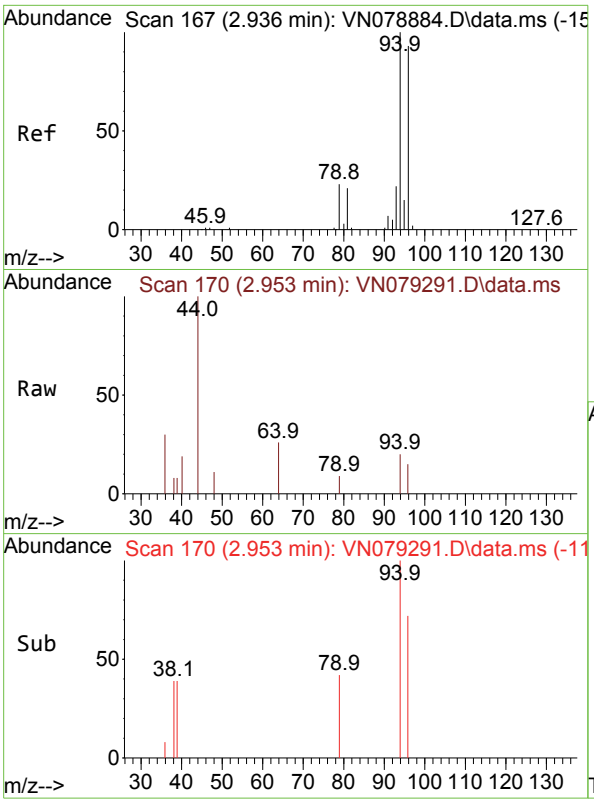


#3
Chloromethane
Concen: 0.434 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 50 Resp: 856

Ion	Ratio	Lower	Upper
50	100		
52	34.5	26.5	39.7



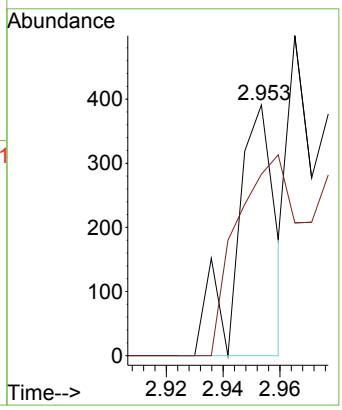


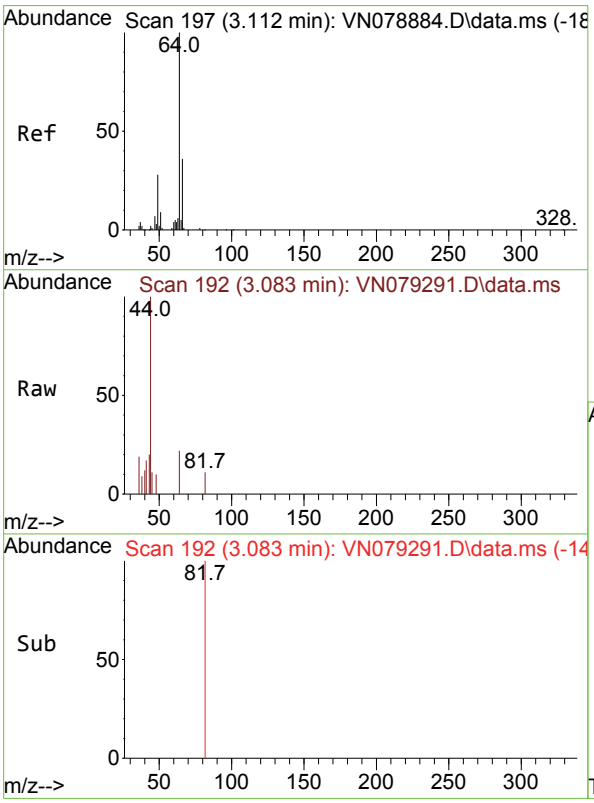
#5
Bromomethane
Concen: 0.298 ug/l
RT: 2.953 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 368

Ion	Ratio	Lower	Upper
94	100		
96	72.4	73.1	109.7#

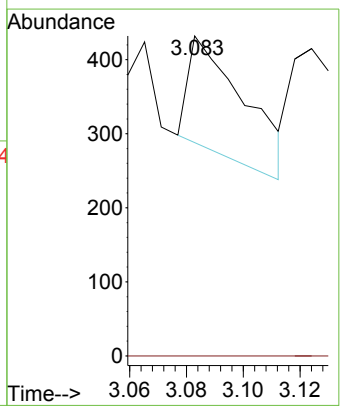


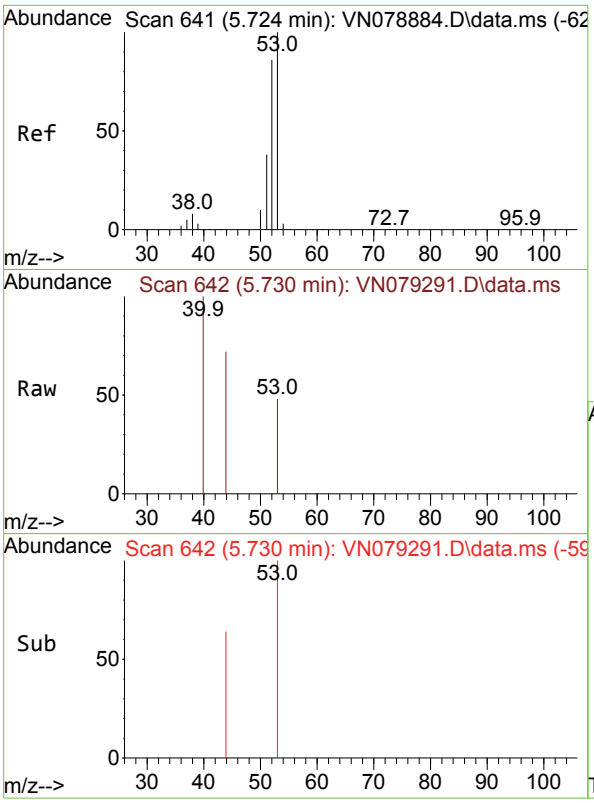


#6
Chloroethane
Concen: Below Cal
RT: 3.083 min Scan# 192
Delta R.T. -0.035 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 64 Resp: 203

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.2#



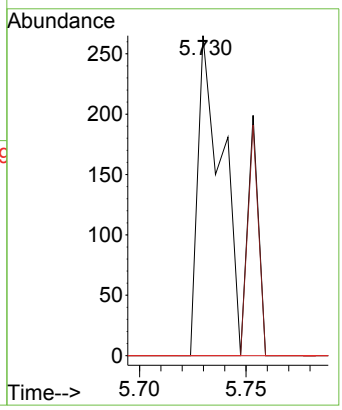


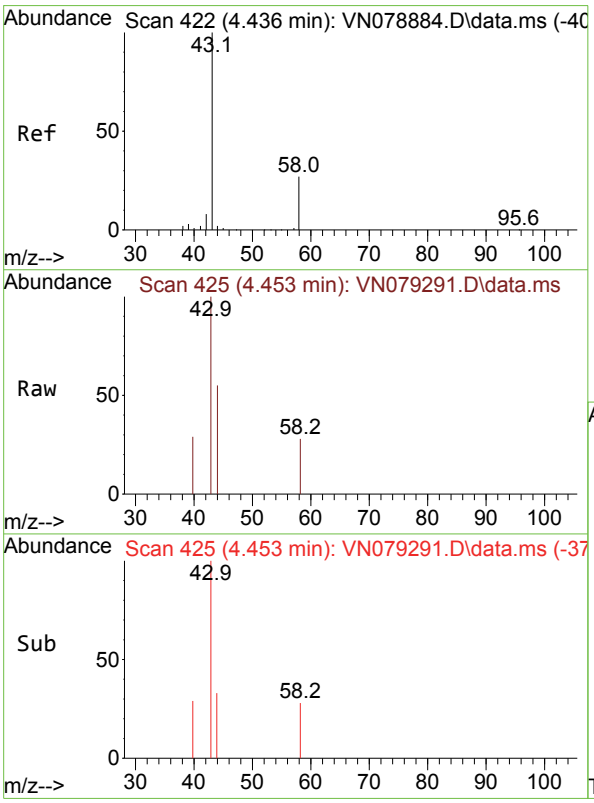
#15
Acrylonitrile
Concen: 0.286 ug/l
RT: 5.730 min Scan# 64
Delta R.T. -0.000 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 53 Resp: 281

Ion	Ratio	Lower	Upper
53	100		
52	0.0	65.3	97.9#
51	0.0	28.9	43.3#

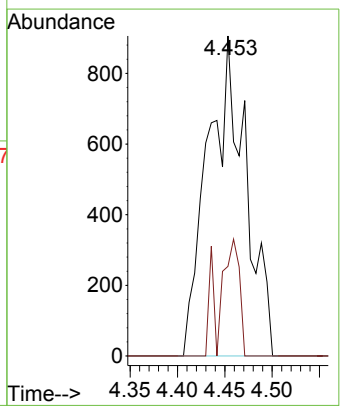


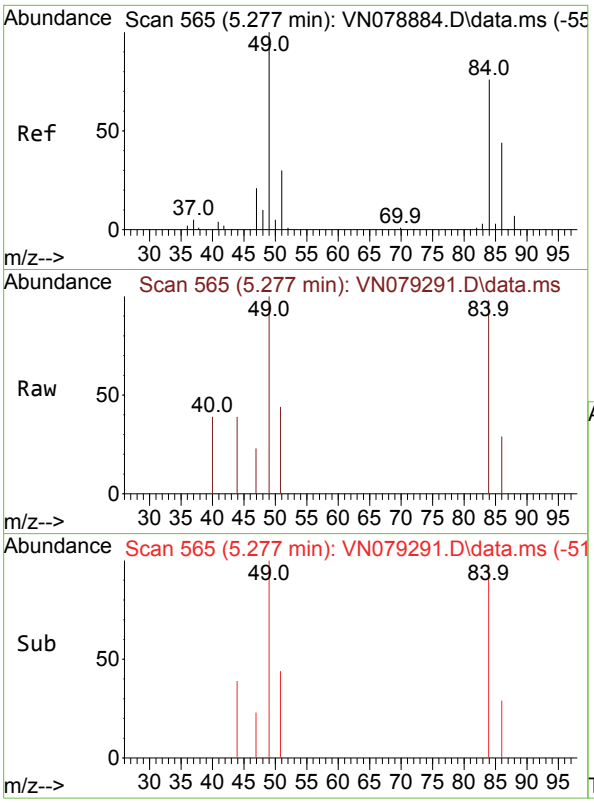


#16
Acetone
Concen: 2.893 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.011 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 43 Resp: 2519

Ion	Ratio	Lower	Upper
43	100		
58	28.0	28.0	42.0



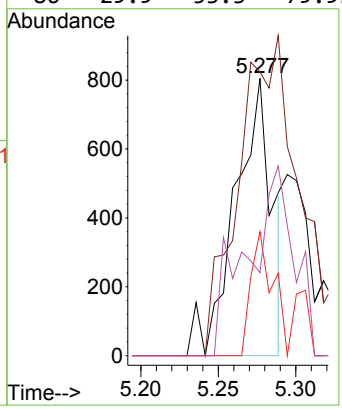


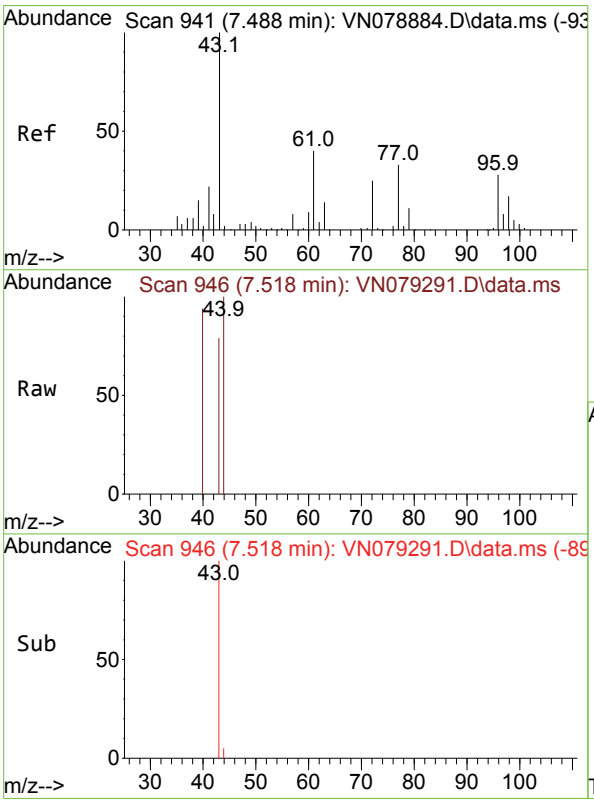
#20
Methylene Chloride
Concen: 0.628 ug/l
RT: 5.277 min Scan# 5
Delta R.T. -0.006 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 1330

Ion	Ratio	Lower	Upper
84	100		
49	102.4	79.7	119.5
51	44.7	25.2	37.8#
86	29.9	53.3	79.9#

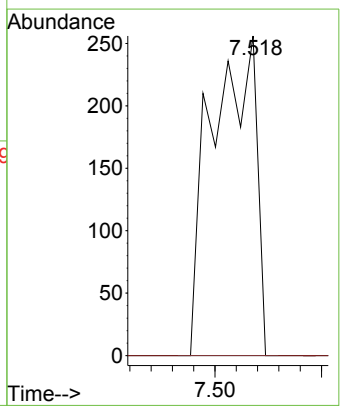


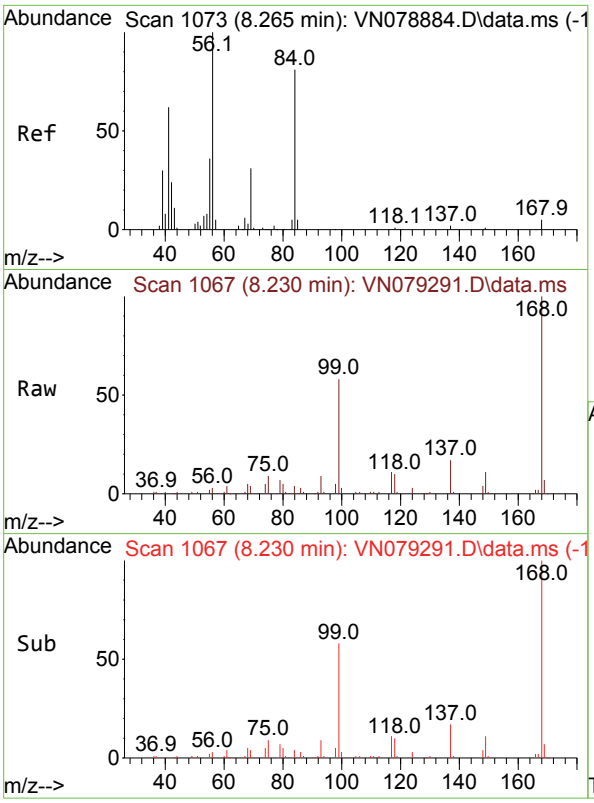


#25
2-Butanone
Concen: 0.294 ug/l
RT: 7.518 min Scan# 946
Delta R.T. 0.024 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 43 Resp: 371

Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.2	45.2#



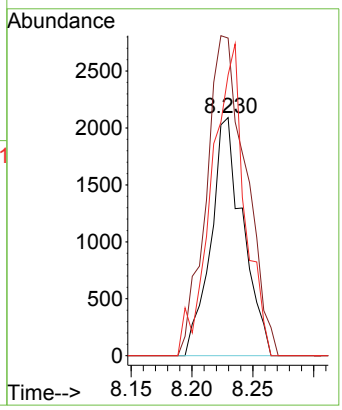


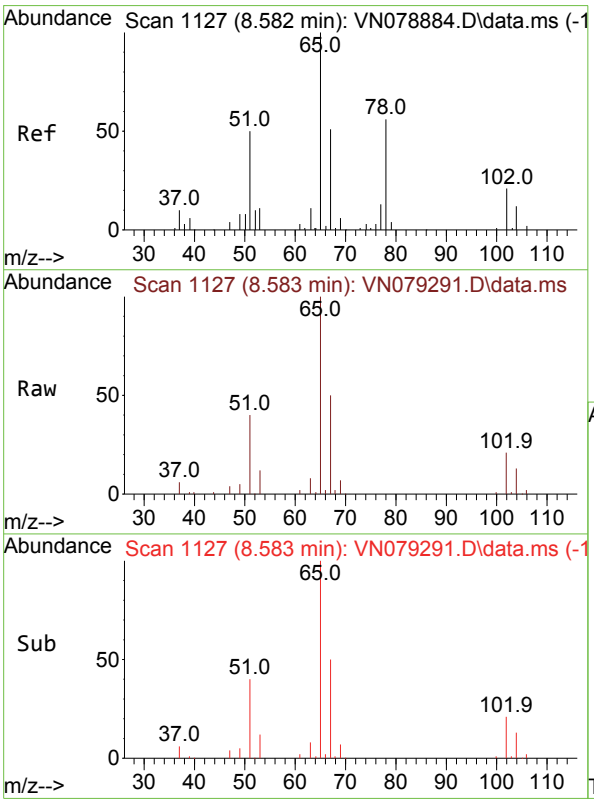
#31
Cyclohexane
Concen: 1.275 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 3818

Ion	Ratio	Lower	Upper
56	100		
69	133.4	26.8	40.2#
84	117.9	81.8	122.6

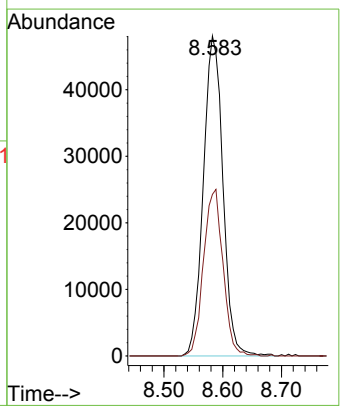


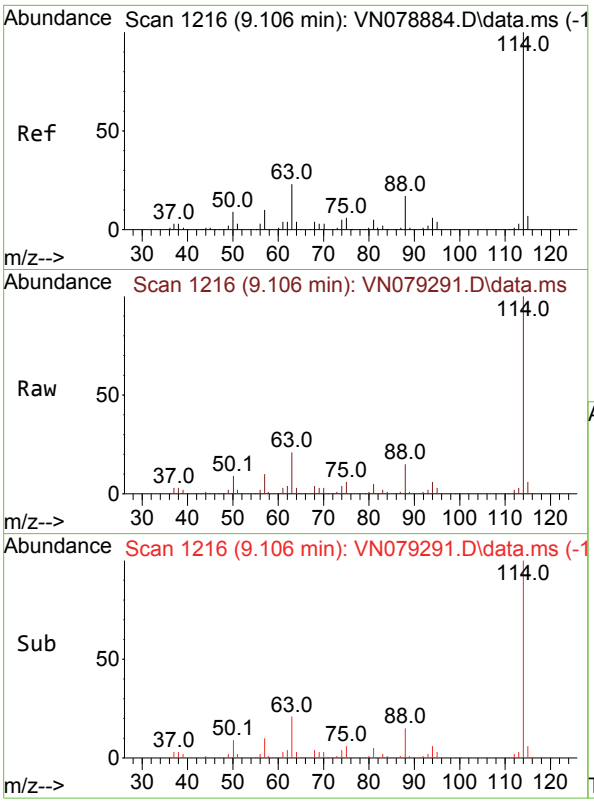


#33
1,2-Dichloroethane-d4
Concen: 54.132 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 65 Resp: 110982

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	106.6



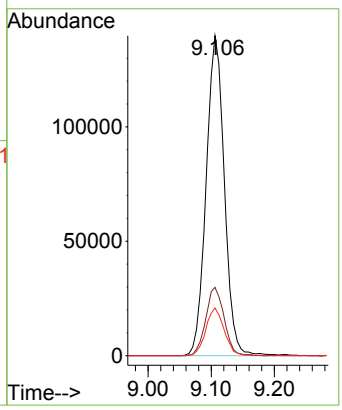


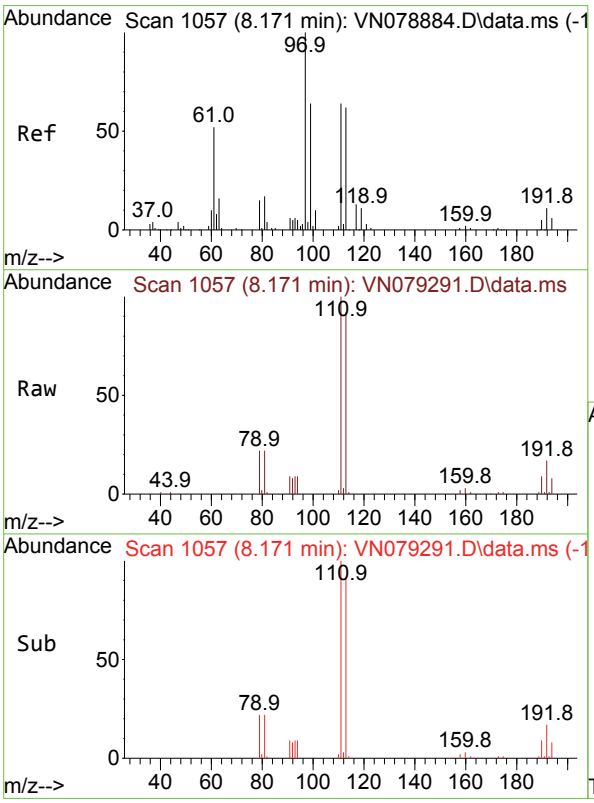
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 279992

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	36.4
88	14.9	0.0	30.6

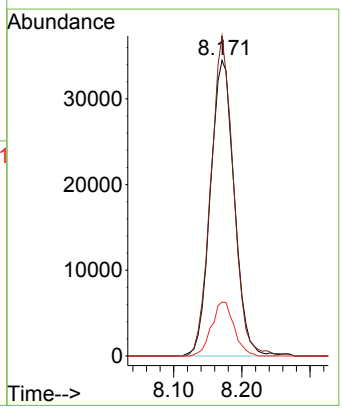


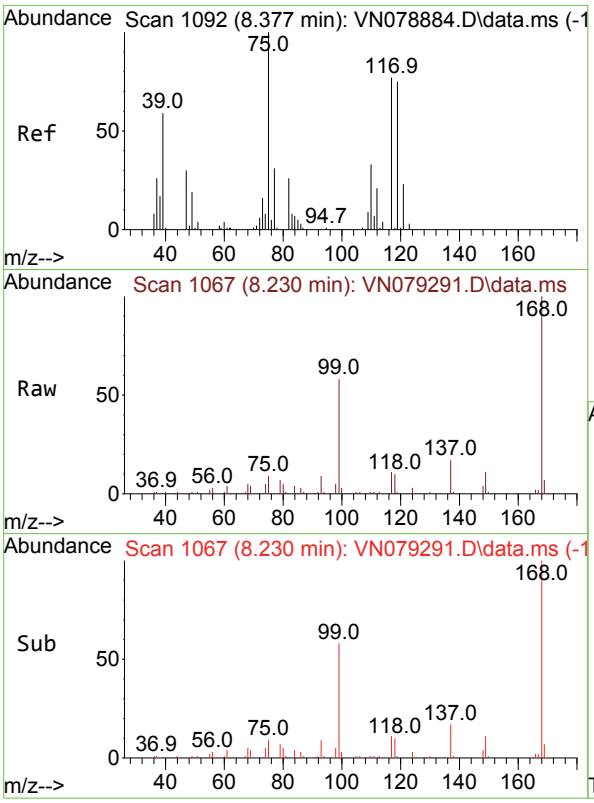


#35
Dibromofluoromethane
Concen: 45.102 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion:113 Resp: 84000

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	17.3	12.7	19.1



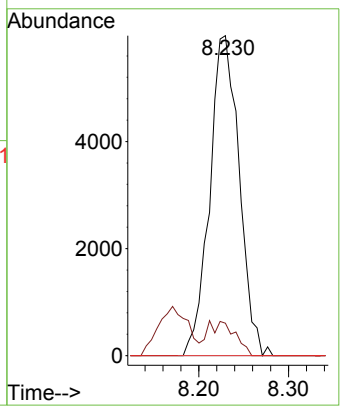


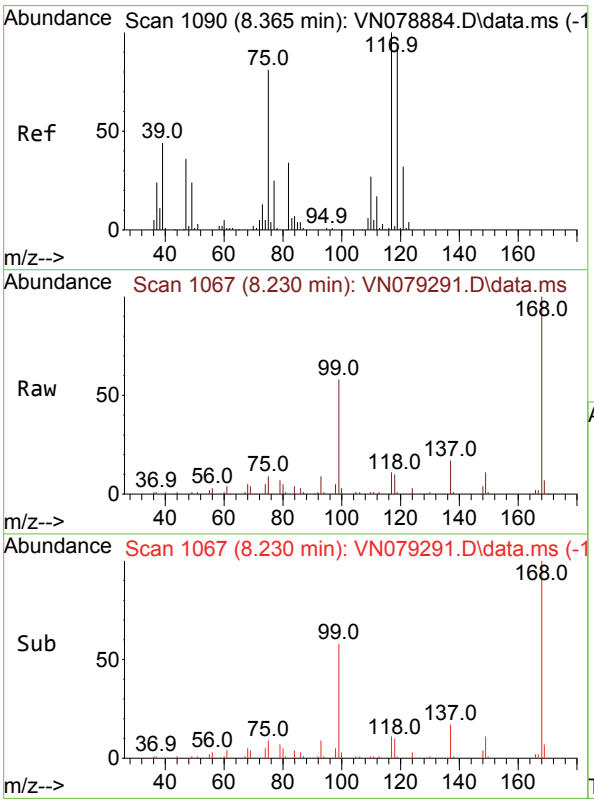
#36
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 13648

Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.1	57.3#
77	0.0	25.0	37.4#

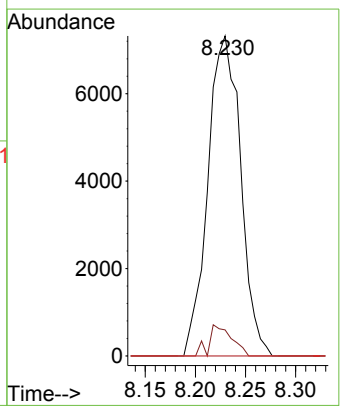


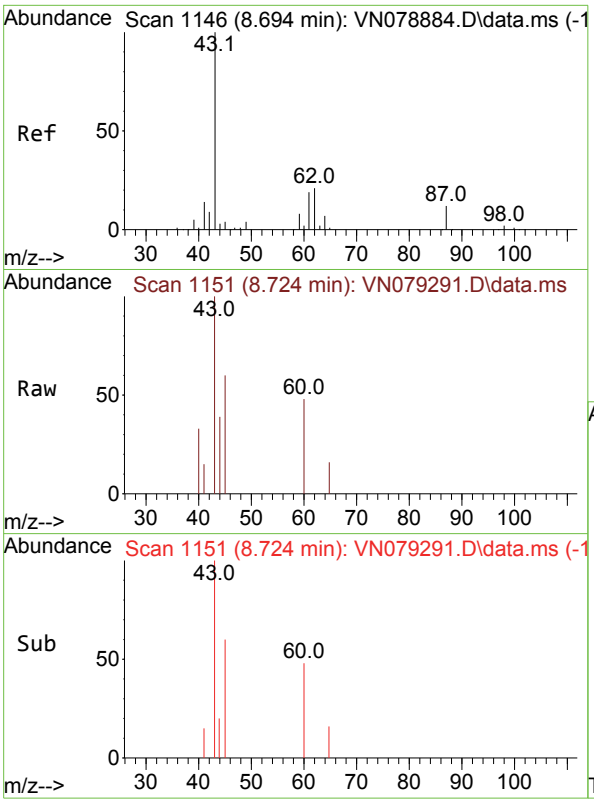


#38
Carbon Tetrachloride
Concen: 5.593 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion:117 Resp: 16614

Ion	Ratio	Lower	Upper
117	100		
119	8.2	77.3	115.9#
121	0.0	23.3	34.9#



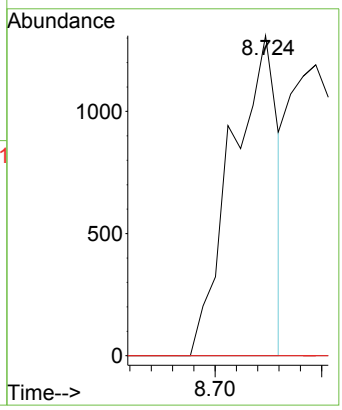


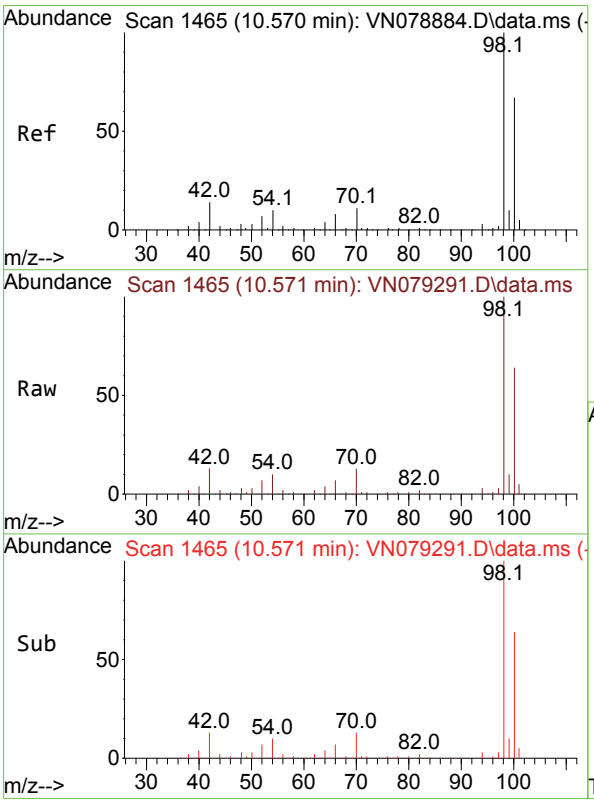
#43
Isopropyl Acetate
Concen: 0.420 ug/l
RT: 8.724 min Scan# 1
Delta R.T. 0.030 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1964

Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.7	37.1#
87	0.0	14.6	21.8#

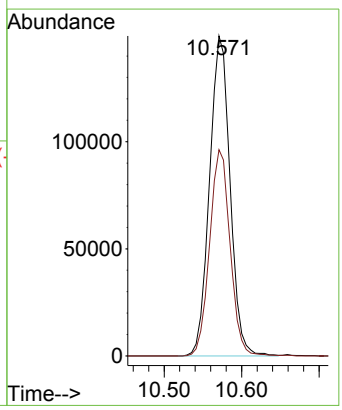


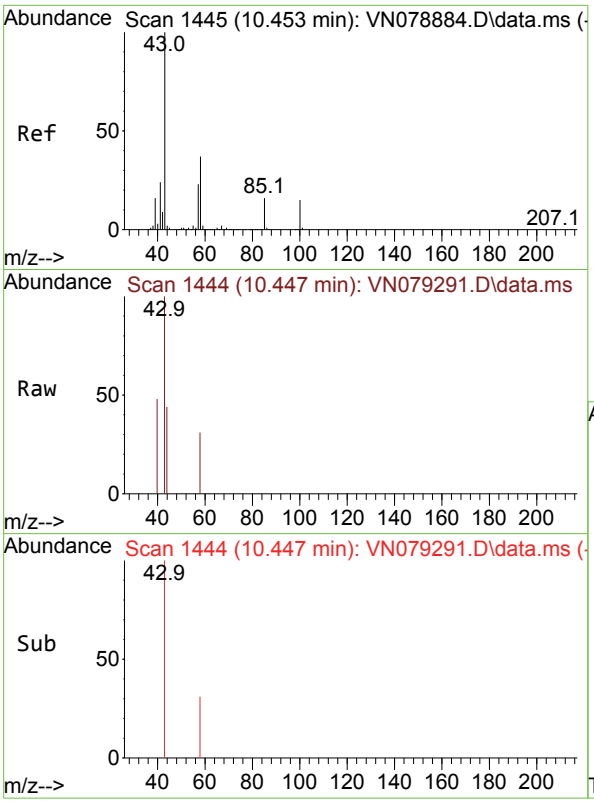


#50
Toluene-d8
Concen: 40.141 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 98 Resp: 274509

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0



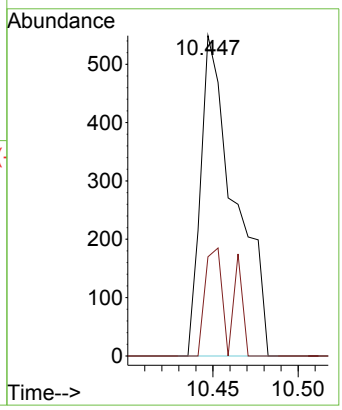


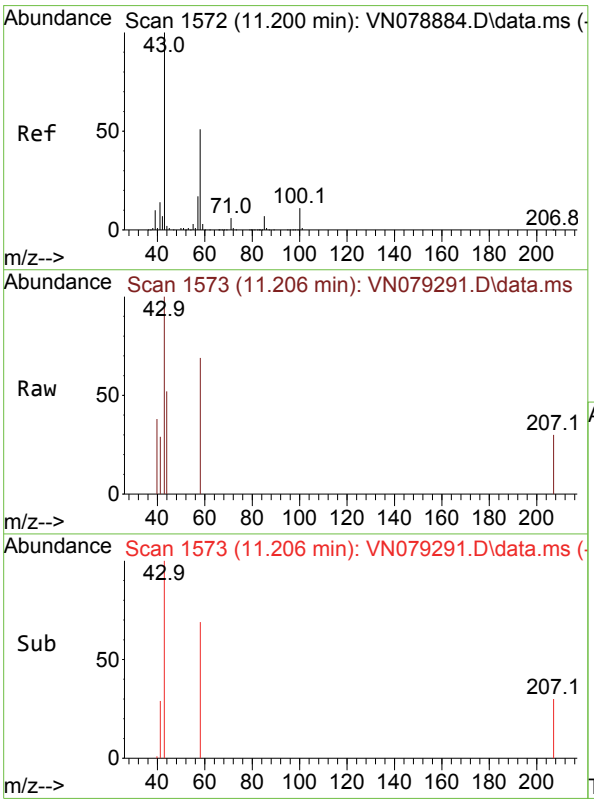
#51
4-Methyl-2-Pentanone
Concen: 0.282 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 765

Ion	Ratio	Lower	Upper
43	100		
58	24.4	36.6	54.8#

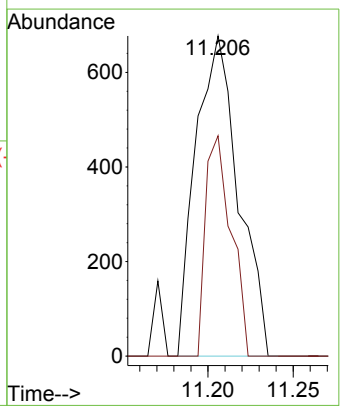


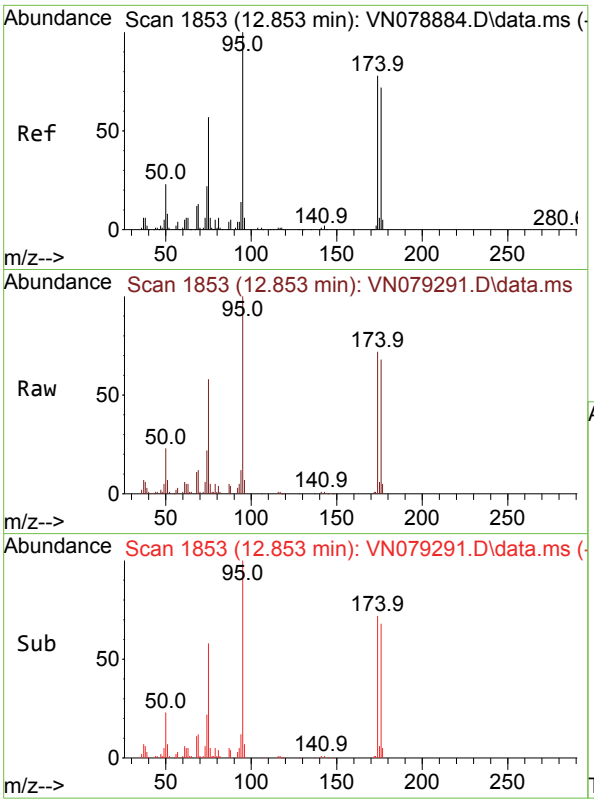


#59
2-Hexanone
Concen: 0.603 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 43 Resp: 1185

Ion	Ratio	Lower	Upper
43	100		
58	41.1	31.7	95.1



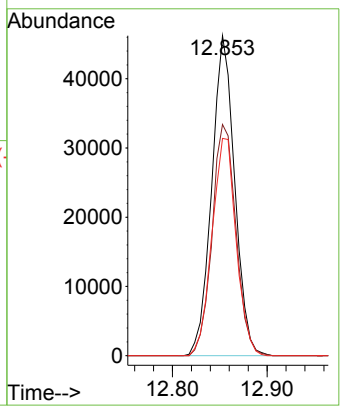


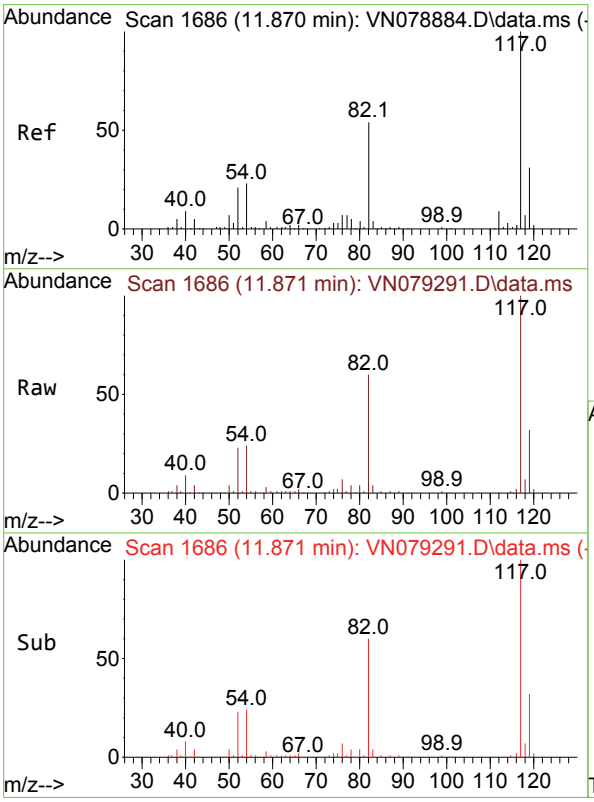
#62
4-Bromofluorobenzene
Concen: 35.659 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 77786

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	143.8
176	71.7	0.0	135.8

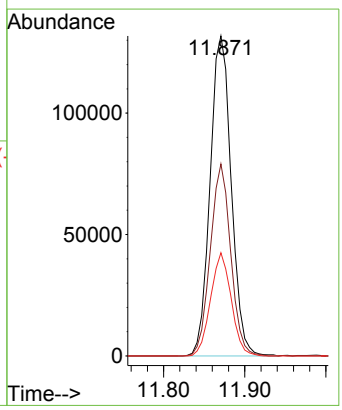


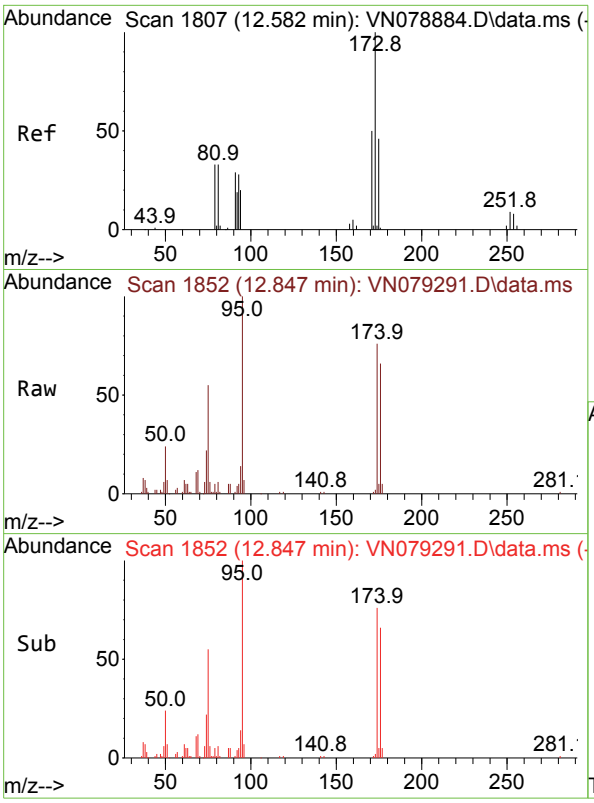


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion:117 Resp: 238251

Ion	Ratio	Lower	Upper
117	100		
82	60.0	44.0	66.0
119	32.2	25.6	38.4



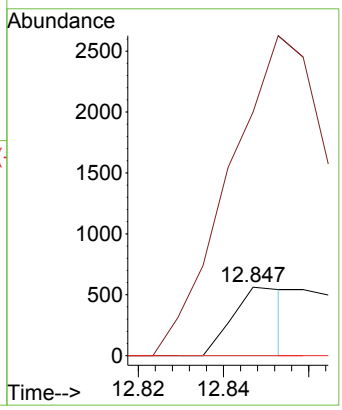


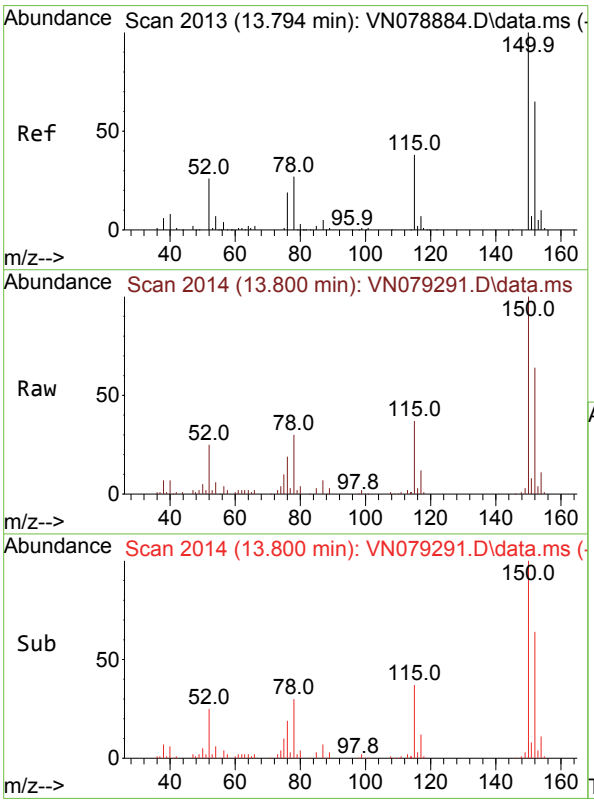
#71
Bromoform
Concen: 0.325 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.265 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 485

Ion	Ratio	Lower	Upper
173	100		
175	704.3	24.3	73.0#
254	0.0	0.0	0.0

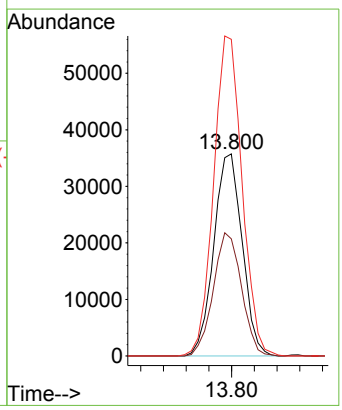


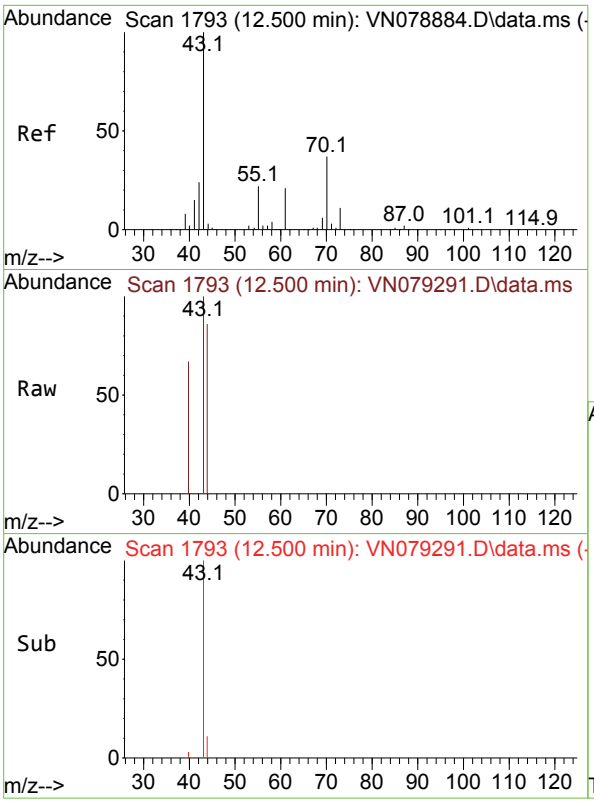


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion:152 Resp: 62059

Ion	Ratio	Lower	Upper
152	100		
115	60.4	32.3	96.8
150	158.5	0.0	355.8



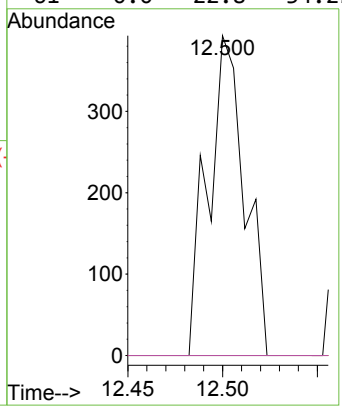


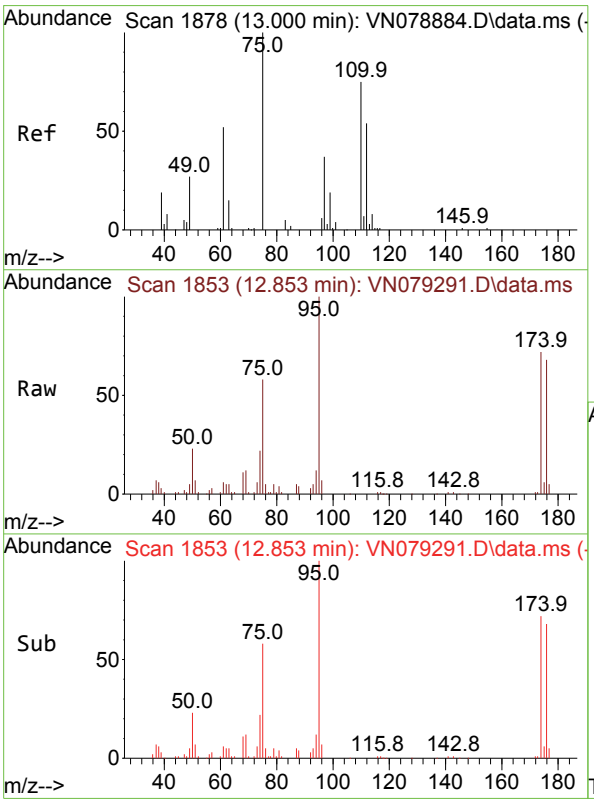
#74
N-amyl acetate
Concen: 0.248 ug/l
RT: 12.500 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 531

Ion	Ratio	Lower	Upper
43	100		
70	0.0	43.4	65.2#
55	0.0	21.4	32.0#
61	0.0	22.8	34.2#

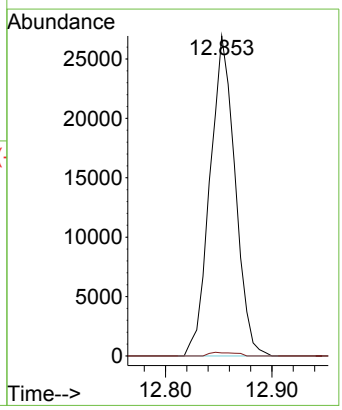


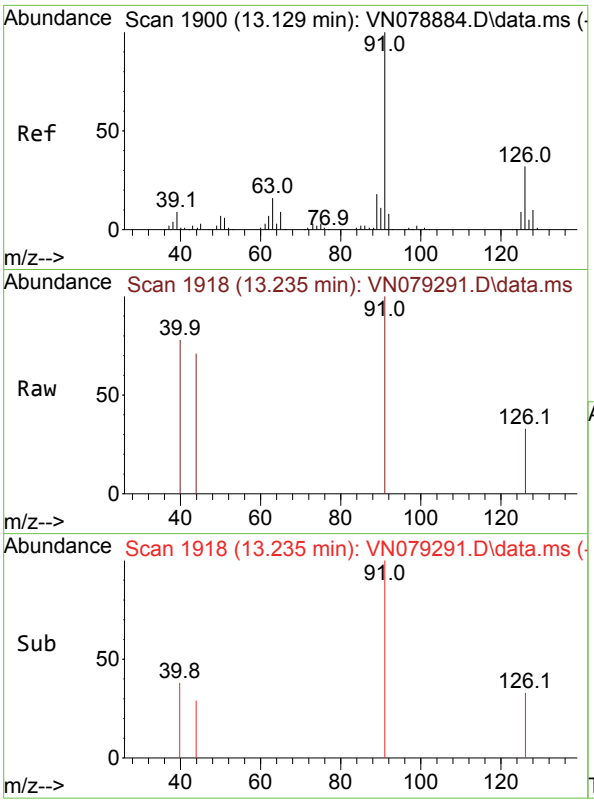


#76
1,2,3-Trichloropropane
Concen: 26.384 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 75 Resp: 44129

Ion	Ratio	Lower	Upper
75	100		
77	1.2	84.5	253.5#



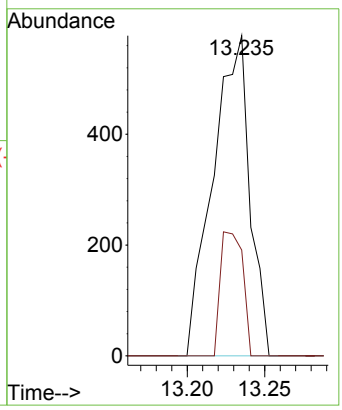


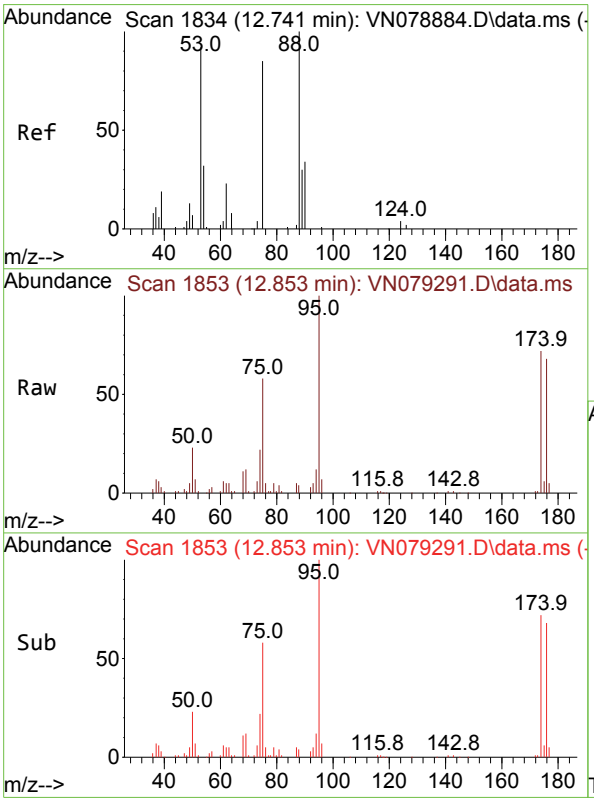
#79
2-Chlorotoluene
Concen: 0.230 ug/l
RT: 13.235 min Scan# 1
Delta R.T. 0.106 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 955

Ion	Ratio	Lower	Upper
91	100		
126	23.5	16.3	48.8

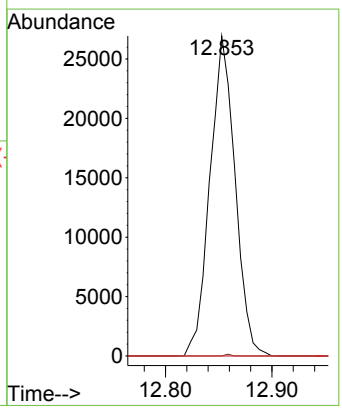


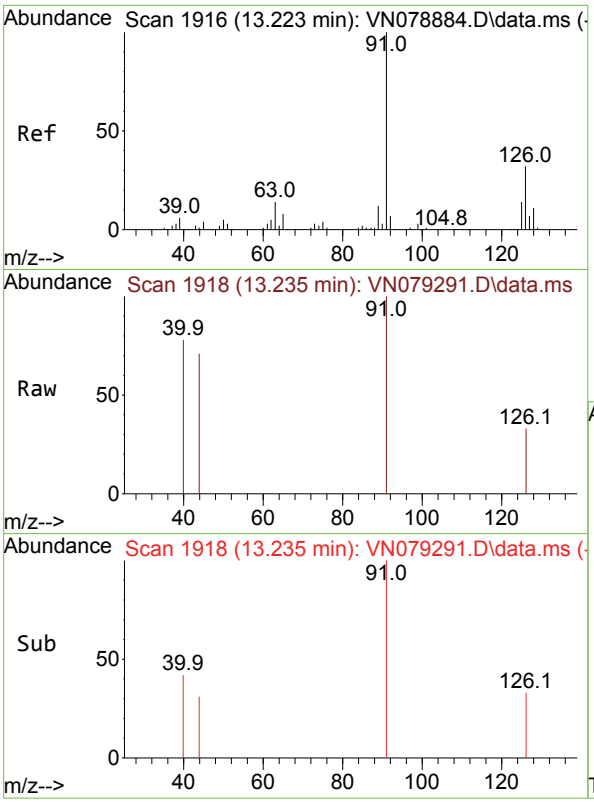


#81
trans-1,4-Dichloro-2-butene
Concen: 72.535 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 75 Resp: 44129

Ion	Ratio	Lower	Upper
75	100		
53	0.1	67.4	101.2#
89	0.0	38.8	58.2#



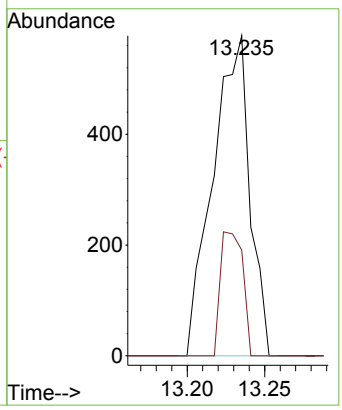


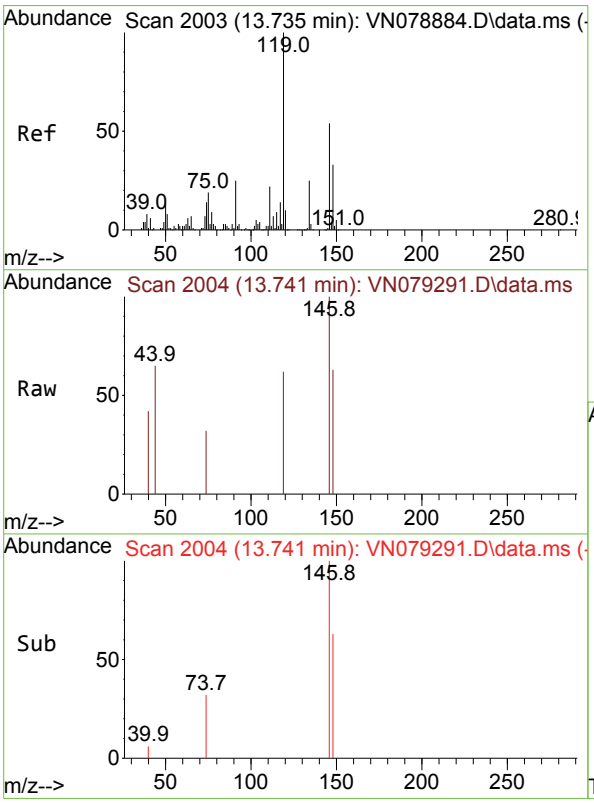
#82
4-Chlorotoluene
Concen: 0.245 ug/l
RT: 13.235 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 955

Ion	Ratio	Lower	Upper
91	100		
126	23.5	16.7	50.0

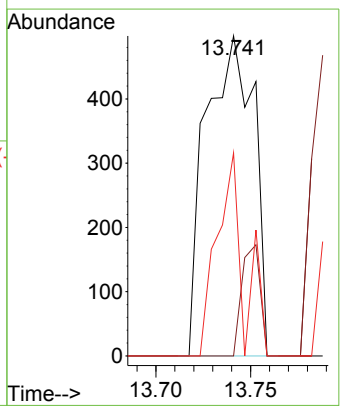


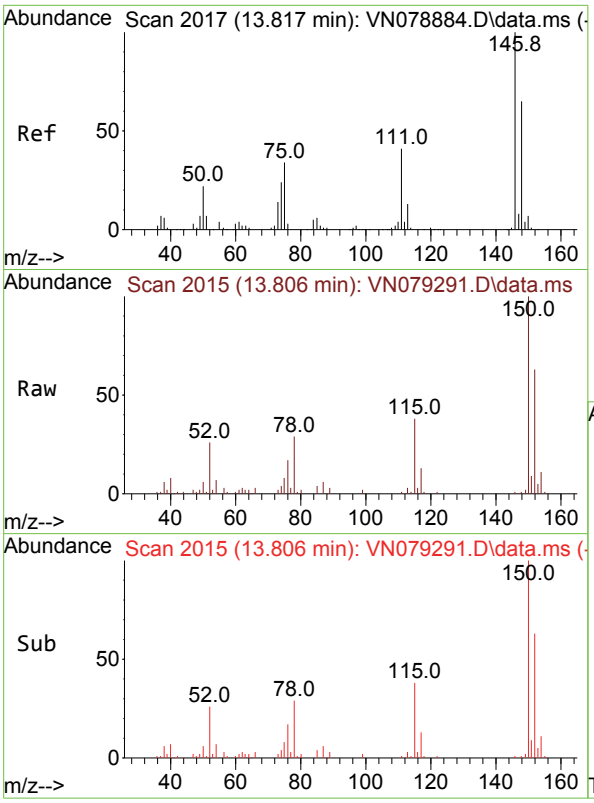


#87
1,3-Dichlorobenzene
Concen: 0.373 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion:146 Resp: 874

Ion	Ratio	Lower	Upper
146	100		
111	13.2	22.1	66.3#
148	35.6	32.0	96.0



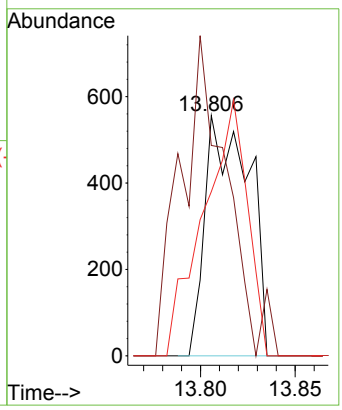


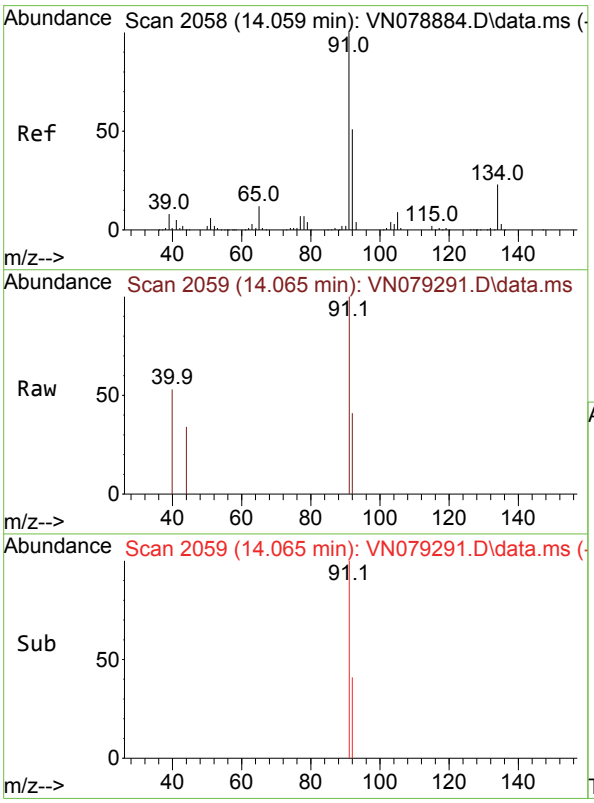
#88
1,4-Dichlorobenzene
Concen: 0.377 ug/l
RT: 13.806 min Scan# 2
Delta R.T. -0.012 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 894

Ion	Ratio	Lower	Upper
146	100		
111	139.0	20.6	61.8#
148	106.6	31.6	94.8#

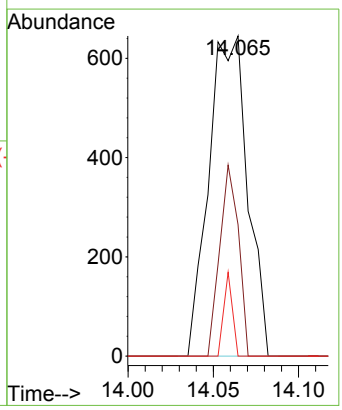


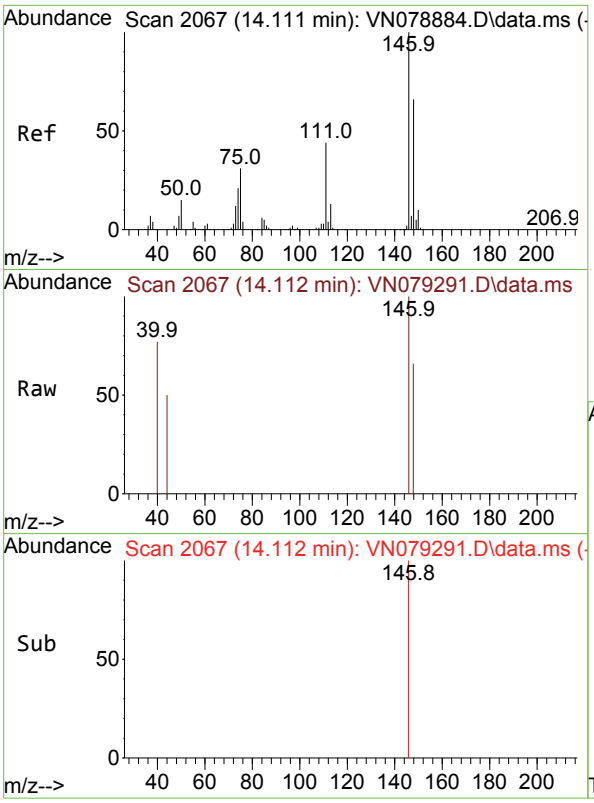


#89
n-Butylbenzene
Concen: 0.303 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 91 Resp: 1019

Ion	Ratio	Lower	Upper
91	100		
92	28.9	26.4	79.0
134	5.9	12.6	37.6#



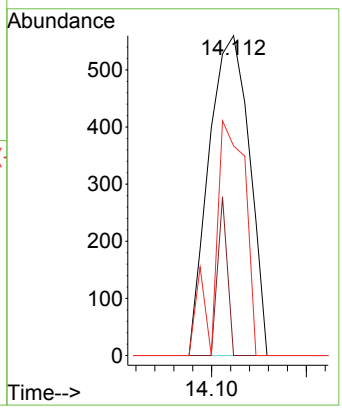


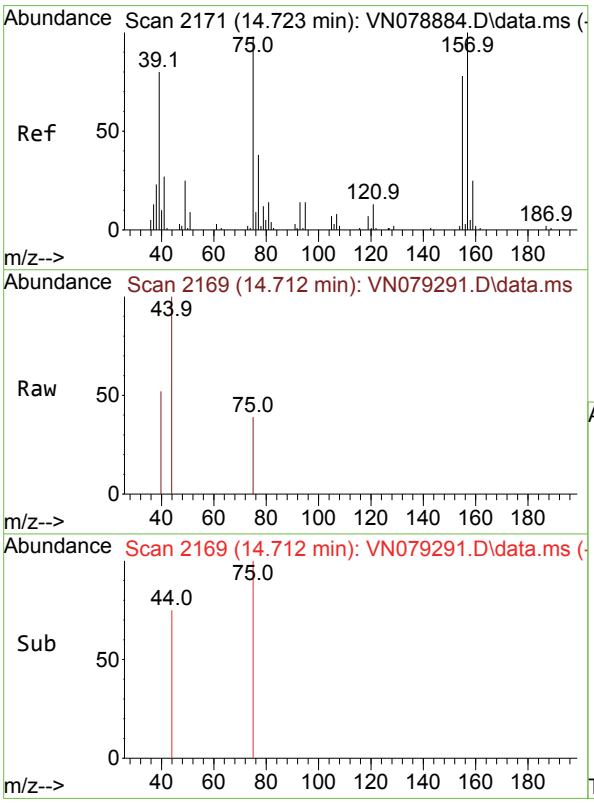
#91
1,2-Dichlorobenzene
Concen: 0.359 ug/l
RT: 14.112 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 831

Ion	Ratio	Lower	Upper
146	100		
111	11.8	22.0	66.0#
148	54.5	31.8	95.3

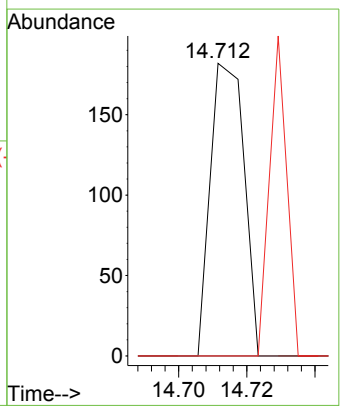


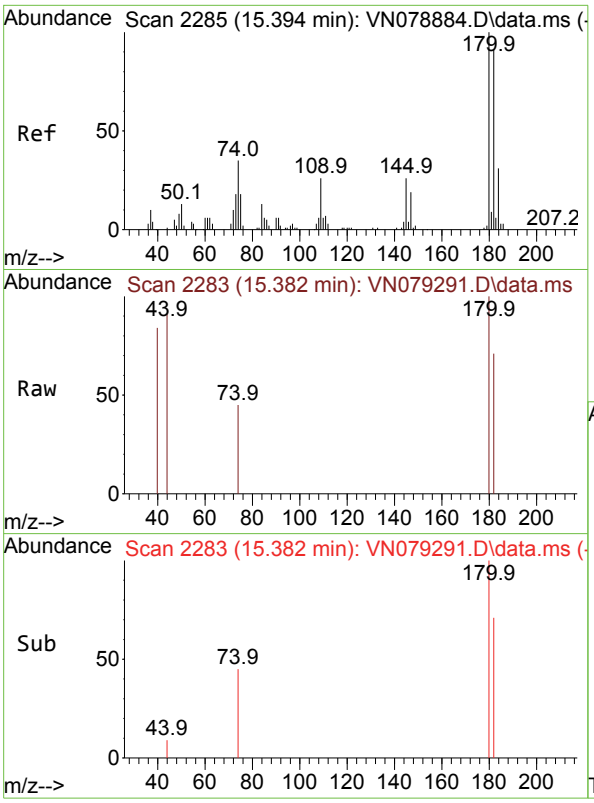


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.391 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.011 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 75 Resp: 125

Ion	Ratio	Lower	Upper
75	100		
155	0.0	39.1	117.2#
157	56.0	50.3	150.9



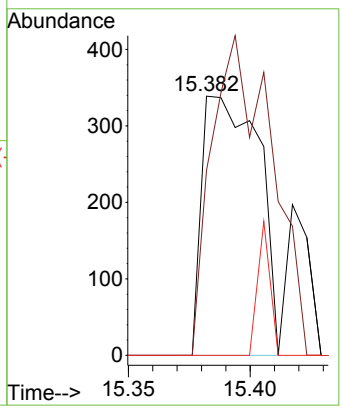


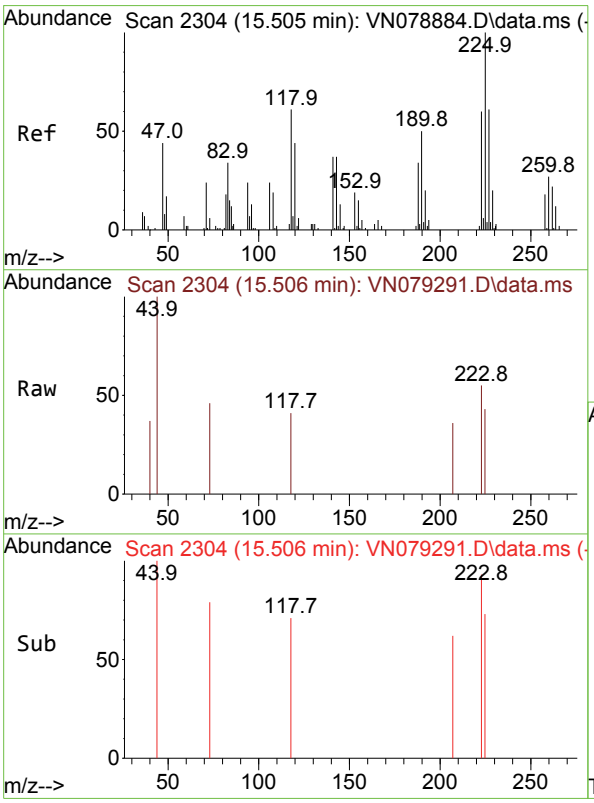
#93
1,2,4-Trichlorobenzene
Concen: 0.659 ug/l
RT: 15.382 min Scan# 2
Delta R.T. -0.018 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 548

Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.1	138.2#
145	0.0	16.6	49.8#

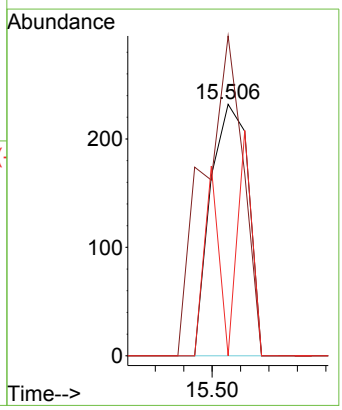


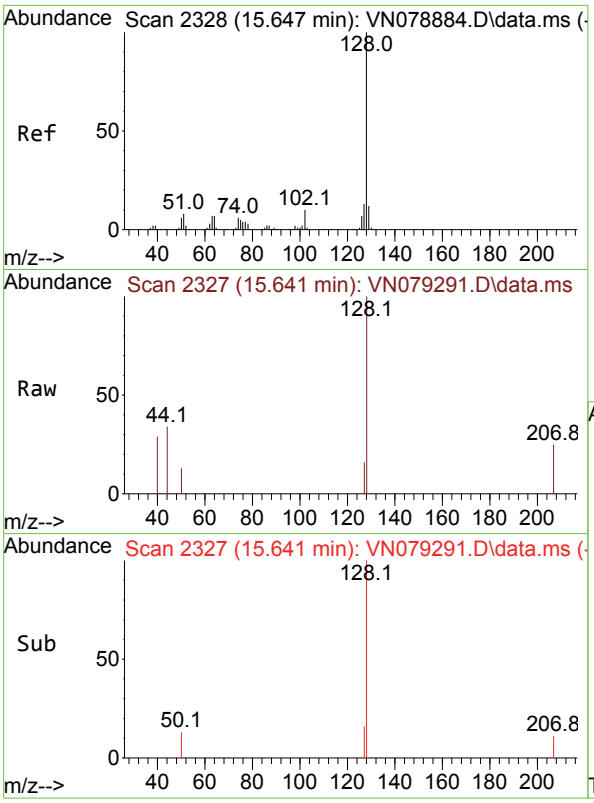


#94
Hexachlorobutadiene
Concen: 0.325 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion:225 Resp: 213

Ion	Ratio	Lower	Upper
225	100		
223	132.4	31.3	93.8#
227	29.1	31.9	95.9#



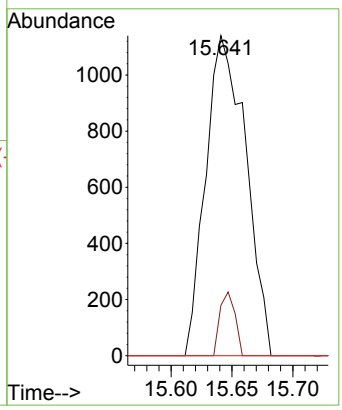


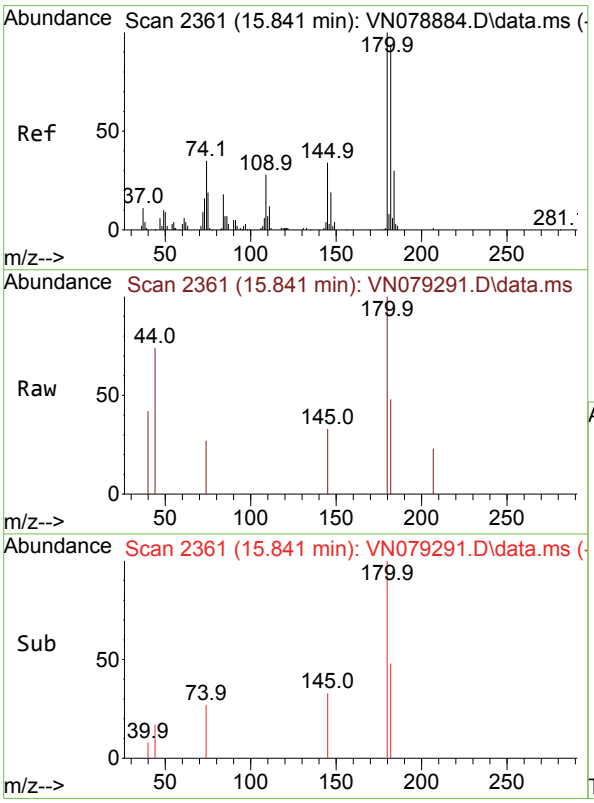
#95
Naphthalene
Concen: 1.056 ug/l
RT: 15.641 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 2608

Ion	Ratio	Lower	Upper
128	100		
127	7.6	10.0	15.0#
129	0.0	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 0.892 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion:180 Resp: 875

Ion	Ratio	Lower	Upper
180	100		
182	90.2	46.2	138.6
145	15.7	17.5	52.6#