Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
Data File : VN079769.D
Acq On : 01 Nov 2023 14:10
Operator : JC\MD
Sample : VN1101WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 02 05:53:35 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	223934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	430062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	431748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	172986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	172352	50.518	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.040%			
35) Dibromofluoromethane	8.171	113	150789	49.540	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.080%			
50) Toluene-d8	10.571	98	545513	48.683	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.360%			
62) 4-Bromofluorobenzene	12.853	95	182937	49.226	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.460%			

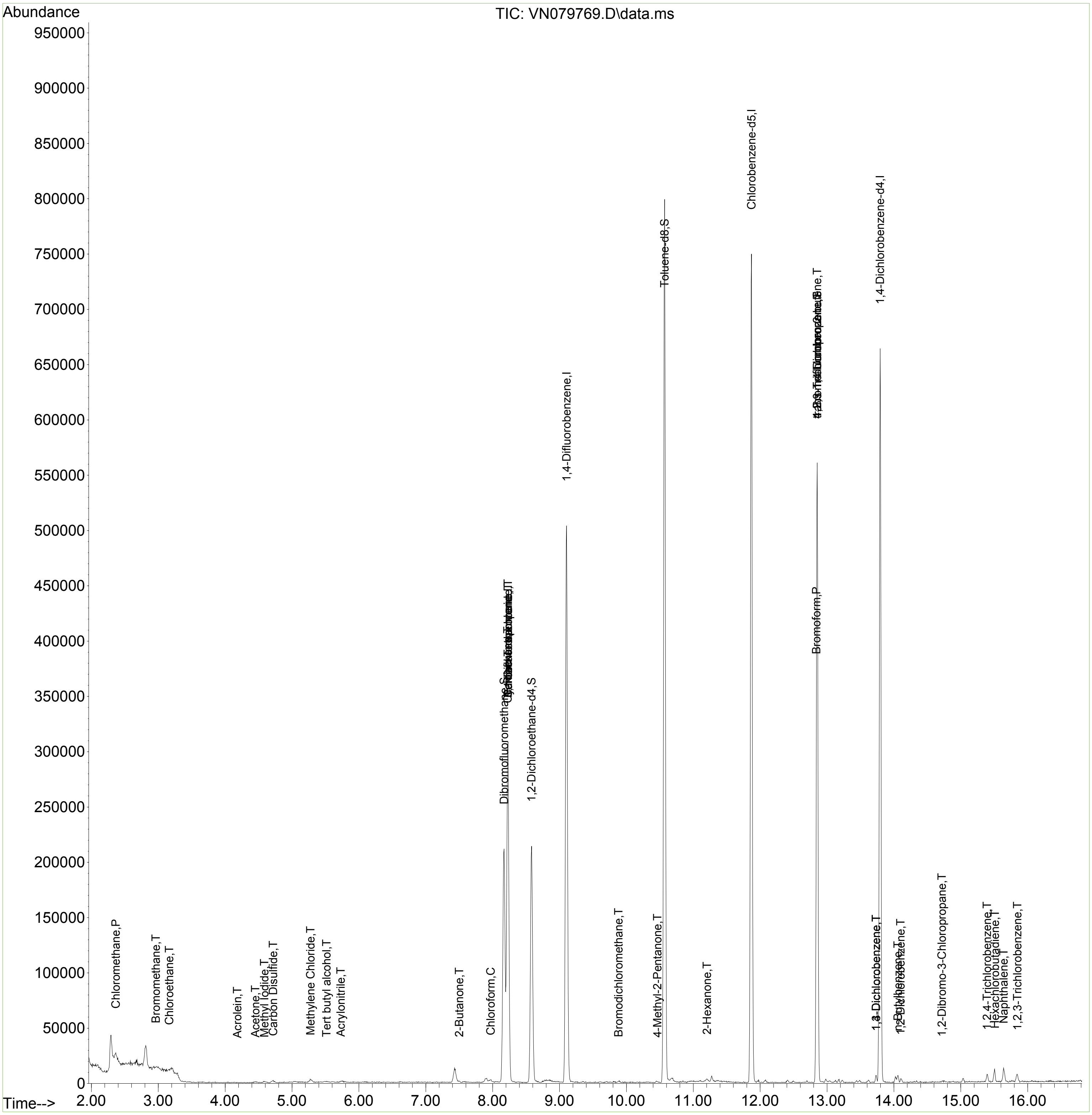
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.365	50	2993	0.223	ug/l #	79
5) Bromomethane	2.965	94	1309	0.610	ug/l #	43
6) Chloroethane	3.165	64	607	0.218	ug/l	97
10) Methyl Iodide	4.589	142	1794	0.617	ug/l #	89
11) Tert butyl alcohol	5.518	59	264	0.606	ug/l #	72
13) Acrolein	4.183	56	55	2.713	ug/l #	1
15) Acrylonitrile	5.730	53	652	0.480	ug/l #	54
16) Acetone	4.453	43	1074	0.896	ug/l #	40
17) Carbon Disulfide	4.718	76	4123	0.593	ug/l #	75
20) Methylene Chloride	5.277	84	1861	0.615	ug/l #	75
25) 2-Butanone	7.500	43	555	0.316	ug/l #	37
30) Chloroform	7.971	83	2324	0.411	ug/l	87
31) Cyclohexane	8.224	56	5458	1.211	ug/l #	4
36) 1,1-Dichloropropene	8.230	75	19464	4.479	ug/l #	47
38) Carbon Tetrachloride	8.230	117	24827	5.668	ug/l #	15
47) Bromodichloromethane	9.882	83	1234	0.255	ug/l #	69
51) 4-Methyl-2-Pentanone	10.465	43	1125	0.286	ug/l #	70
59) 2-Hexanone	11.206	43	2919	0.970	ug/l #	55
71) Bromoform	12.841	173	1202	0.502	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	101465	24.984	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	101465	67.976	ug/l #	15
87) 1,3-Dichlorobenzene	13.735	146	1635	0.273	ug/l	96
88) 1,4-Dichlorobenzene	13.735	146	1635	0.269	ug/l	93
89) n-Butylbenzene	14.059	91	3540	0.435	ug/l	93
91) 1,2-Dichlorobenzene	14.100	146	1651	0.292	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.717	75	377	0.478	ug/l #	54
93) 1,2,4-Trichlorobenzene	15.394	180	2683	1.000	ug/l	91
94) Hexachlorobutadiene	15.511	225	2053	1.687	ug/l	96
95) Naphthalene	15.641	128	11702	1.286	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	3067	1.166	ug/l	94

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

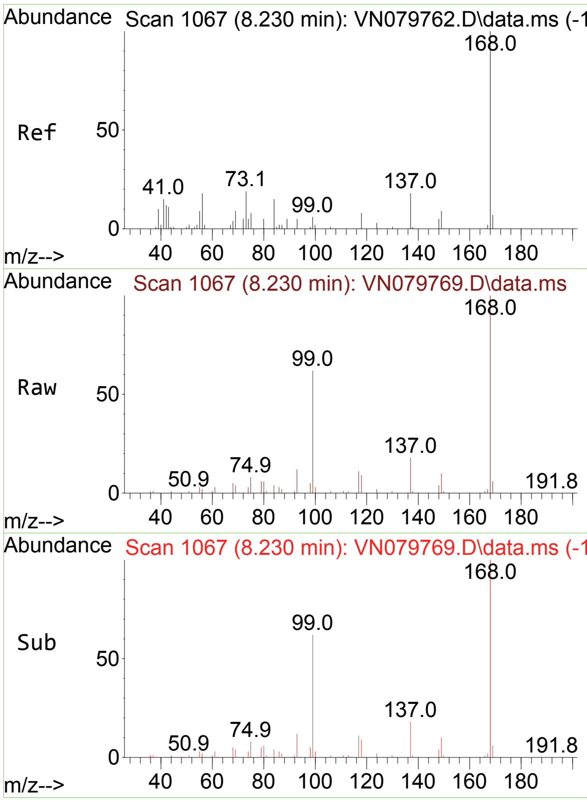
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
Data File : VN079769.D
Acq On   : 01 Nov 2023 14:10
Operator : JC\MD
Sample   : VN1101WBL01
Misc   : 5.0mL/MSVOA_N/WATER
ALS Vial : 12   Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 02 05:53:35 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



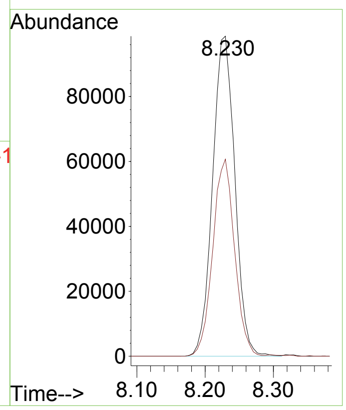
Instrument :
MSVOA_N
ClientSampleId :

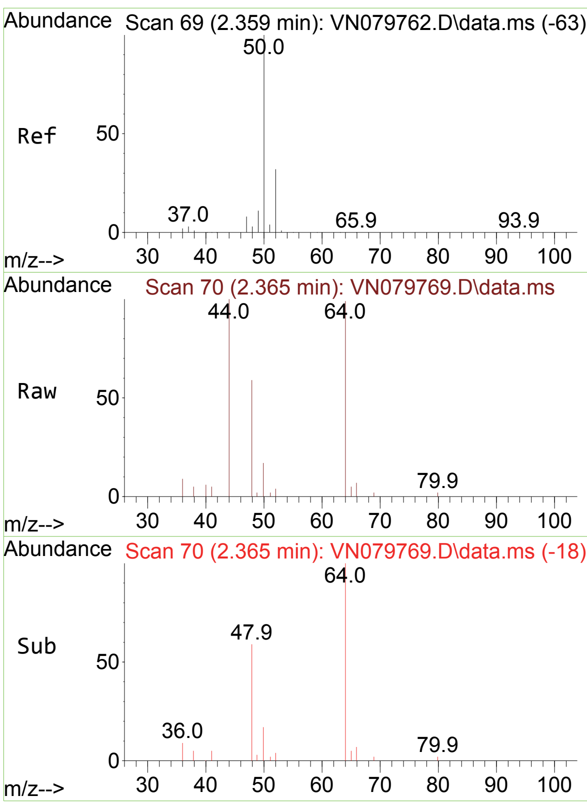


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min   Scan# 1(
Delta R.T.   0.001 min
Lab File: VN079769.D
Acq: 01 Nov 2023   14:10

Tgt Ion:168 Resp: 223934

Ion	Ratio	Lower	Upper
168	100		
99	61.6	53.0	79.6

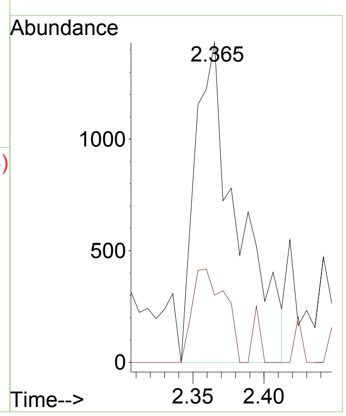


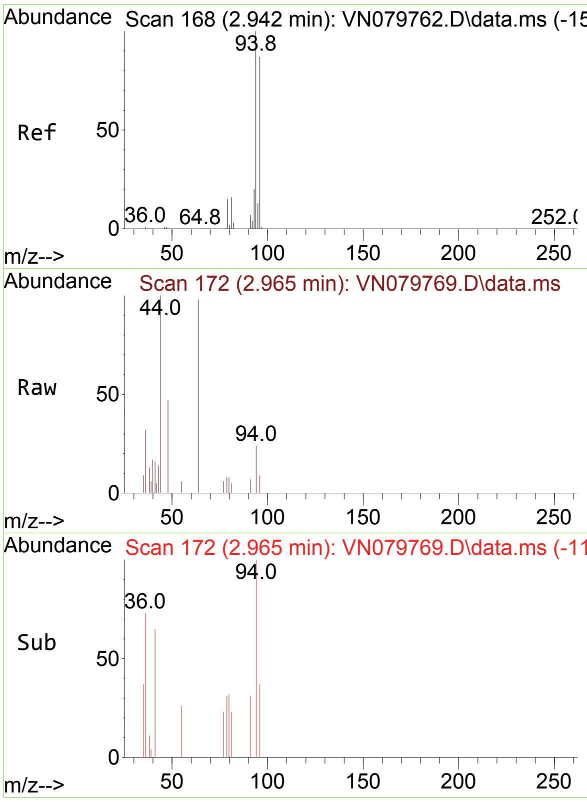


#3
Chloromethane
Concen: 0.223 ug/l
RT: 2.365 min   Scan# 70
Delta R.T.   0.006 min
Lab File: VN079769.D
Acq: 01 Nov 2023   14:10

Tgt Ion: 50 Resp: 2993

Ion	Ratio	Lower	Upper
50	100		
52	21.1	26.5	39.7#





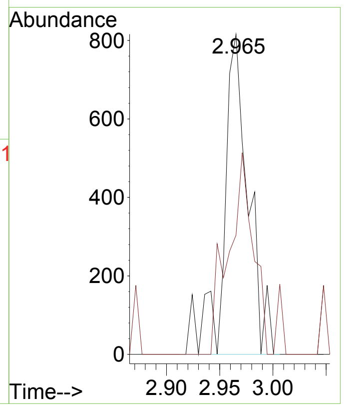
#5
Bromomethane
Concen: 0.610 ug/l
RT: 2.965 min Scan# 1

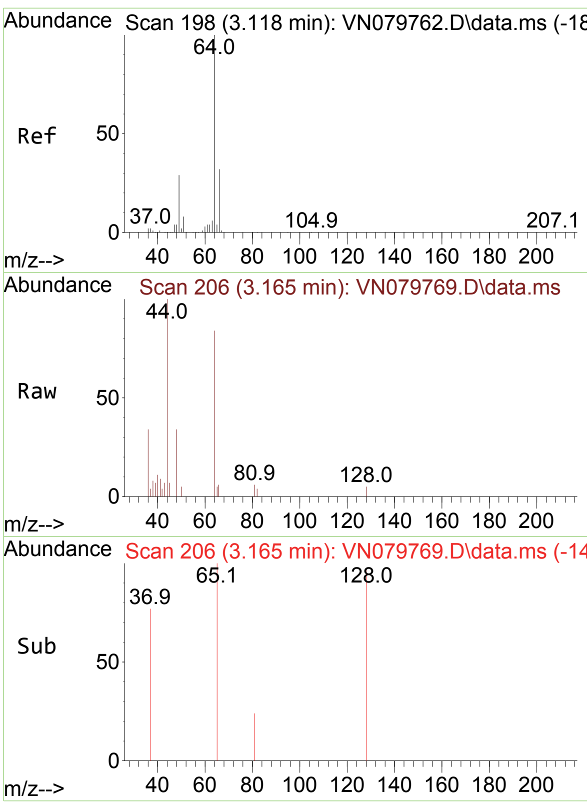
Instrument :
MSVOA_N
ClientSampleId :

Delta R.T. 0.012 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion: 94 Resp: 1309

Ion	Ratio	Lower	Upper
94	100		
96	37.3	73.1	109.7#

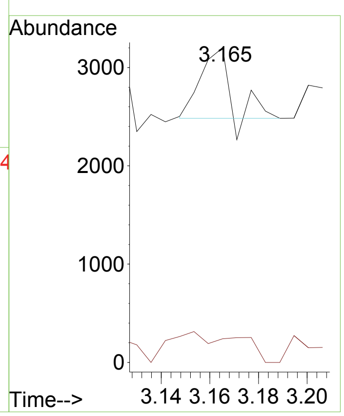


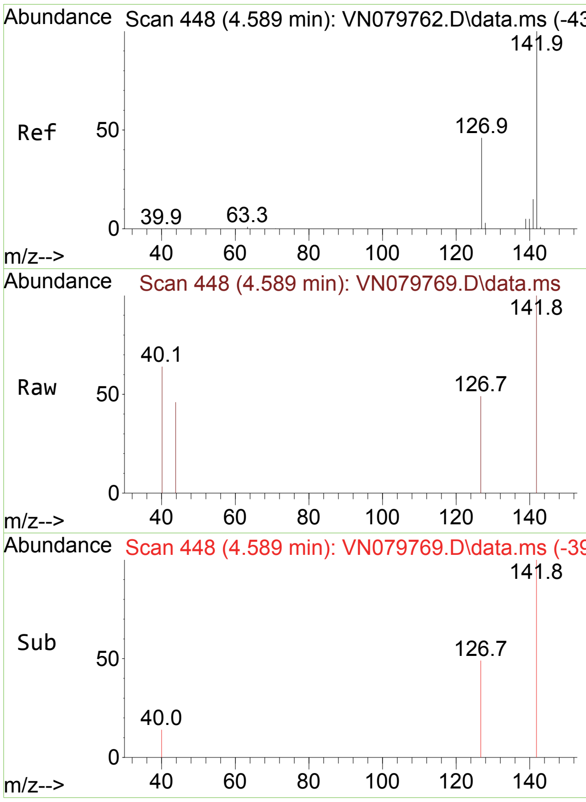


#6
Chloroethane
Concen: 0.218 ug/l
RT: 3.165 min Scan# 206
Delta R.T. 0.047 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion: 64 Resp: 607

Ion	Ratio	Lower	Upper
64	100		
66	33.5	25.4	38.2



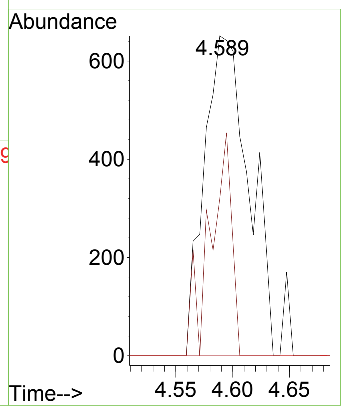


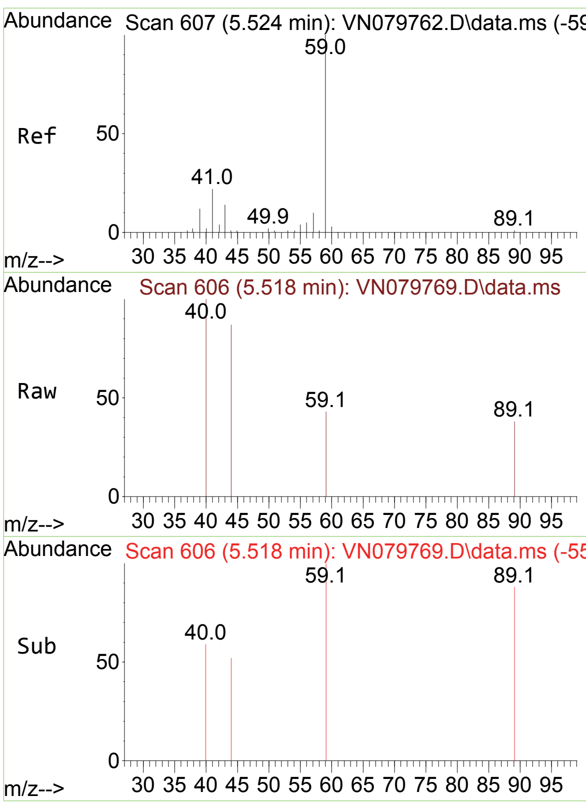
#10
Methyl Iodide
Concen: 0.617 ug/l
RT: 4.589 min   Scan# 44
Delta R.T.   -0.006 min
Lab File: VN079769.D
Acq: 01 Nov 2023   14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:142 Resp: 1794

Ion	Ratio	Lower	Upper
142	100		
127	49.2	37.6	56.4
141	0.0	11.4	17.0#

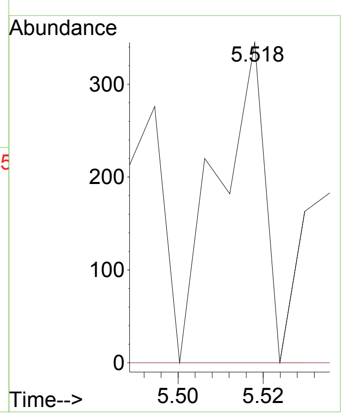


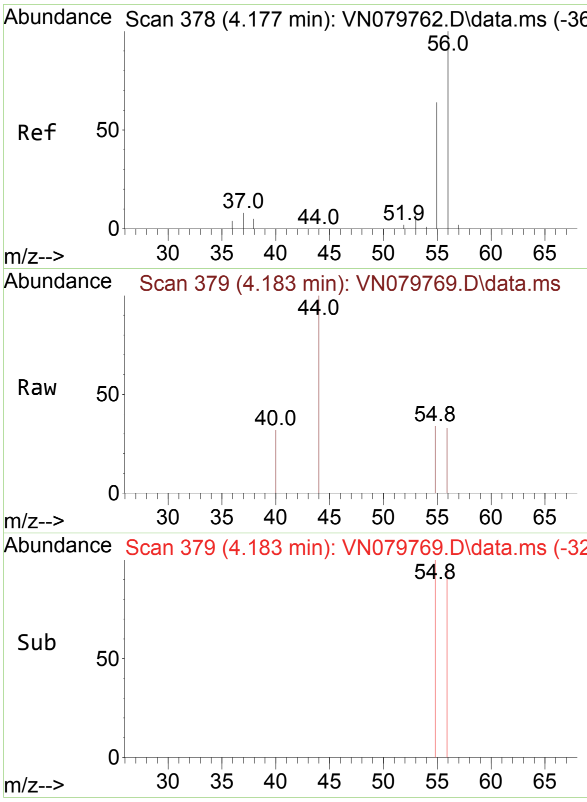


#11
Tert butyl alcohol
Concen: 0.606 ug/l
RT: 5.518 min   Scan# 606
Delta R.T.   0.000 min
Lab File: VN079769.D
Acq: 01 Nov 2023   14:10

Tgt Ion: 59 Resp: 264

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



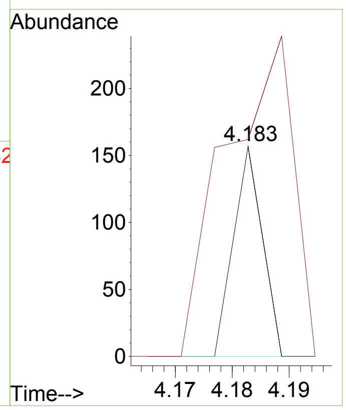


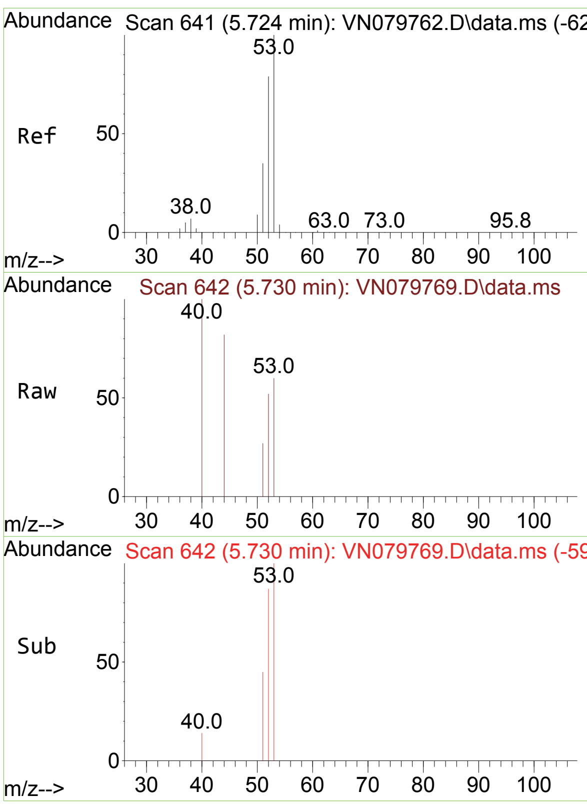
#13
Acrolein
Concen: 2.713 ug/l
RT: 4.183 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 55

Ion	Ratio	Lower	Upper
56	100		
55	358.2	54.5	81.7#

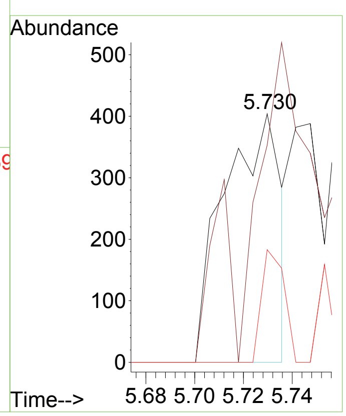


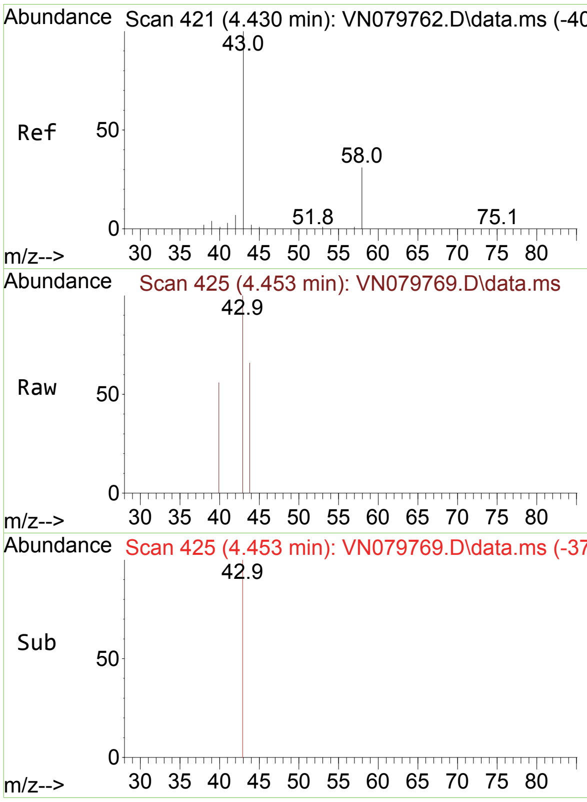


#15
Acrylonitrile
Concen: 0.480 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion: 53 Resp: 652

Ion	Ratio	Lower	Upper
53	100		
52	129.1	65.3	97.9#
51	18.3	28.9	43.3#





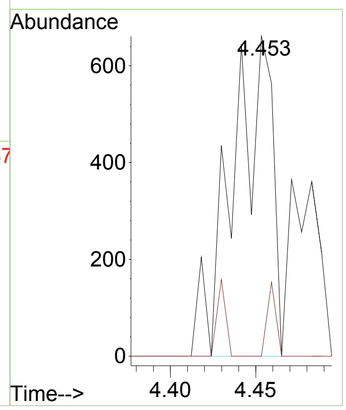
#16
Acetone
Concen: 0.896 ug/l
RT: 4.453 min Scan# 4

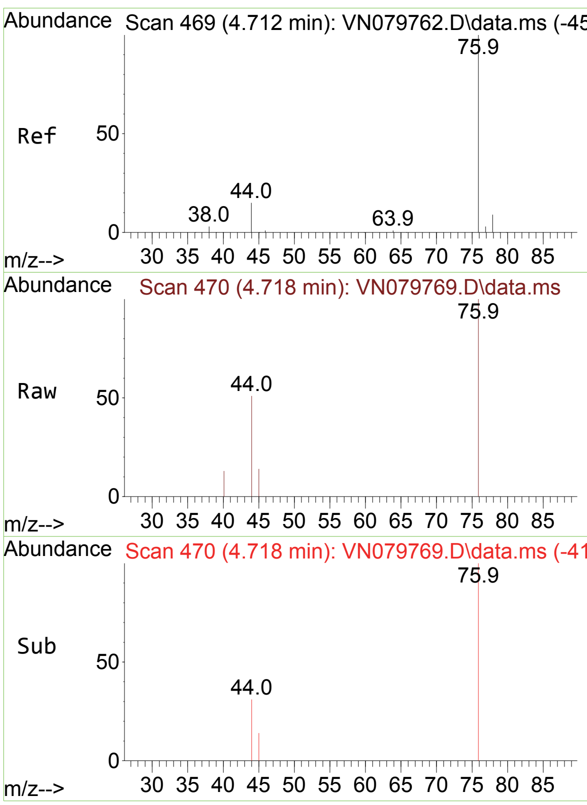
Instrument :
MSVOA_N
ClientSampleId :

Delta R.T. 0.024 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion: 43 Resp: 1074

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	42.0#

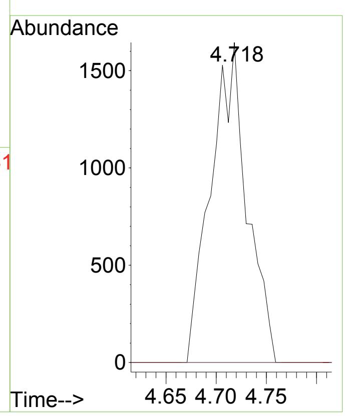


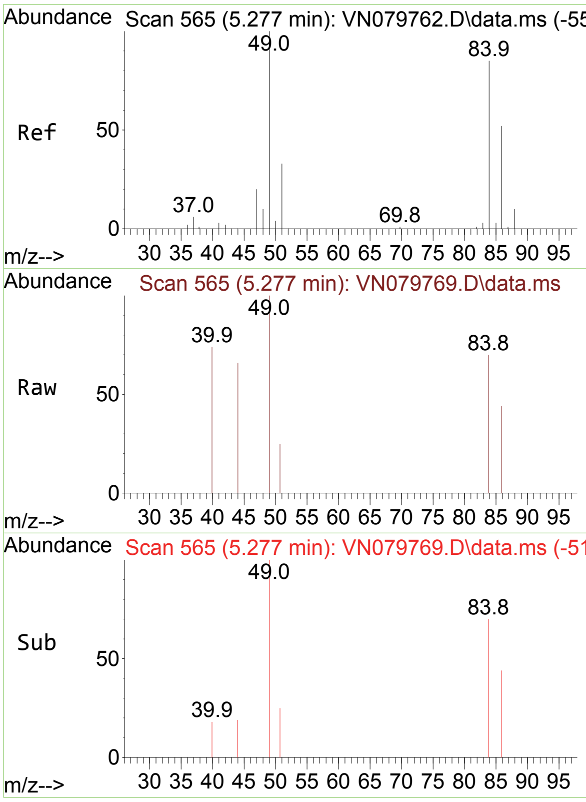


#17
Carbon Disulfide
Concen: 0.593 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion: 76 Resp: 4123

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#



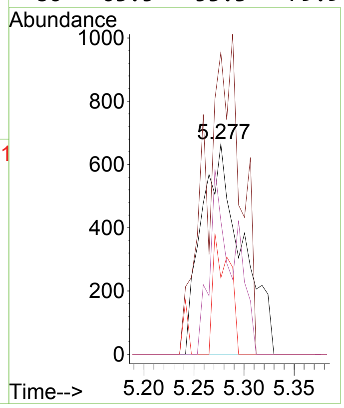


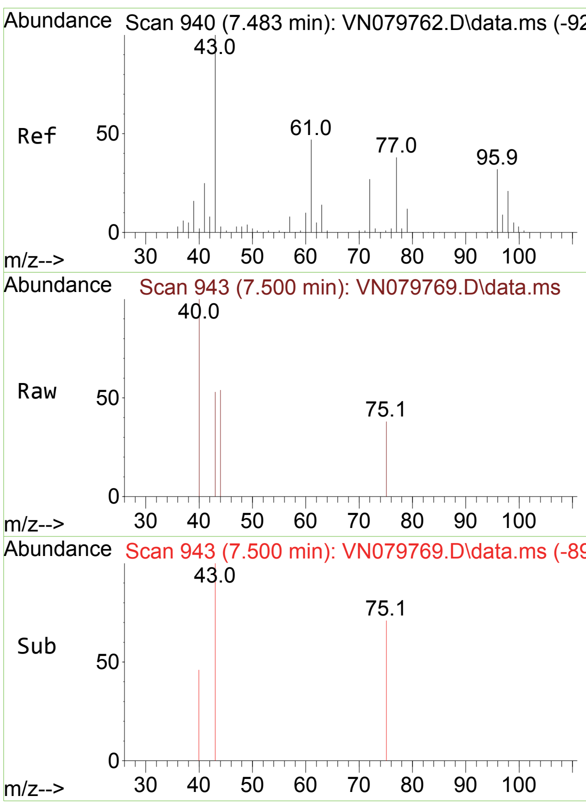
#20
Methylene Chloride
Concen: 0.615 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 1861

Ion	Ratio	Lower	Upper
84	100		
49	143.6	79.7	119.5#
51	36.2	25.2	37.8
86	63.5	53.3	79.9

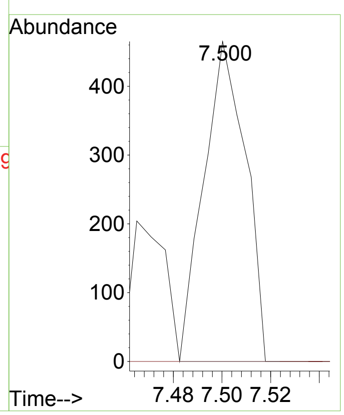


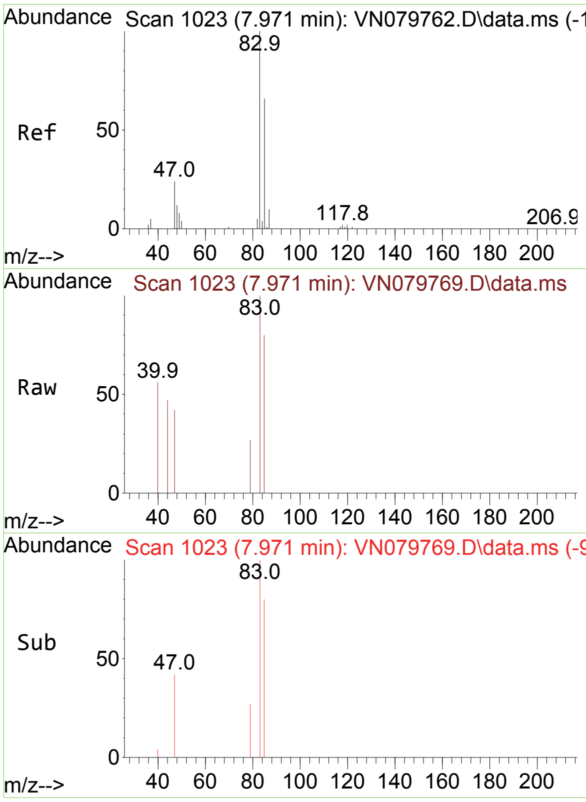


#25
2-Butanone
Concen: 0.316 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion: 43 Resp: 555

Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.2	45.2#



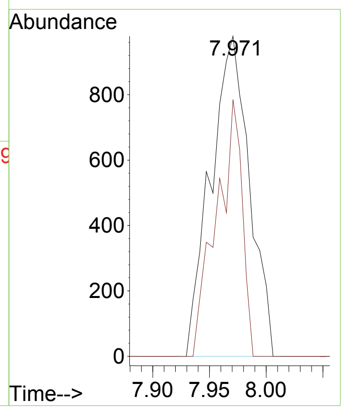


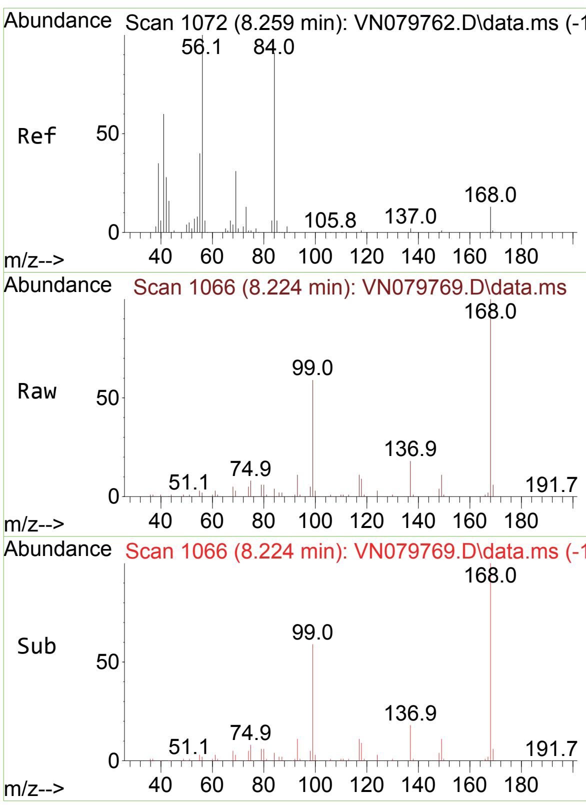
#30
Chloroform
Concen: 0.411 ug/l
RT: 7.971 min Scan# 1(
Delta R.T. 0.000 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 2324

Ion	Ratio	Lower	Upper
83	100		
85	80.2	55.4	83.0

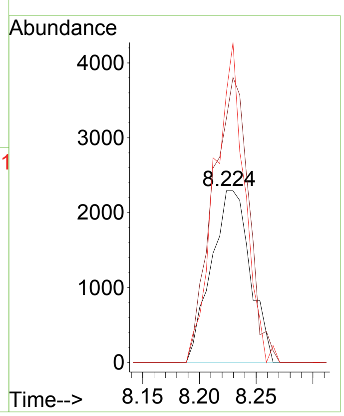


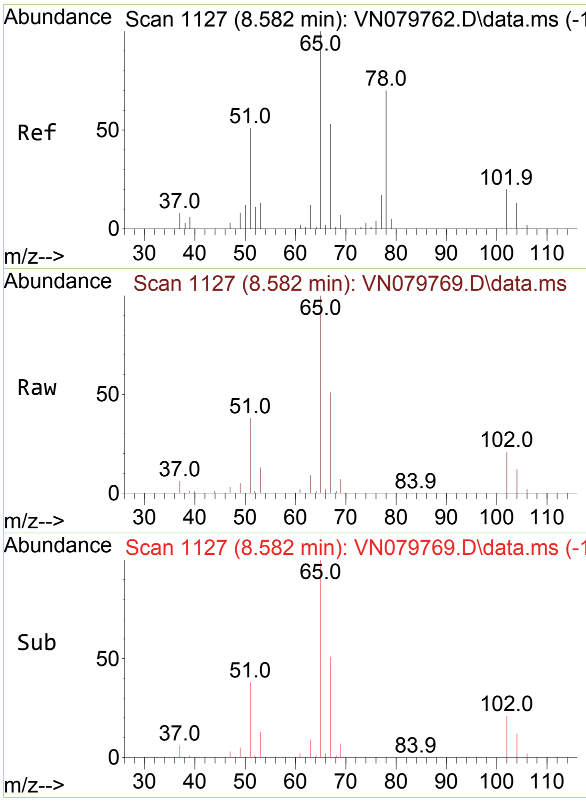


#31
Cyclohexane
Concen: 1.211 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion: 56 Resp: 5458

Ion	Ratio	Lower	Upper
56	100		
69	142.4	26.8	40.2#
84	167.5	81.8	122.6#





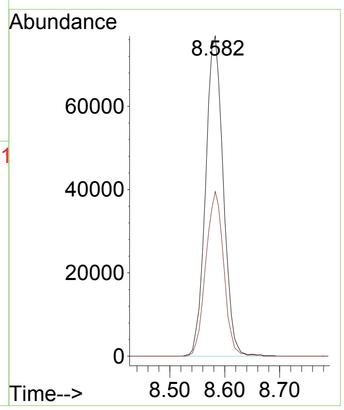
#33
1,2-Dichloroethane-d4
Concen: 50.518 ug/l
RT: 8.582 min Scan# 1

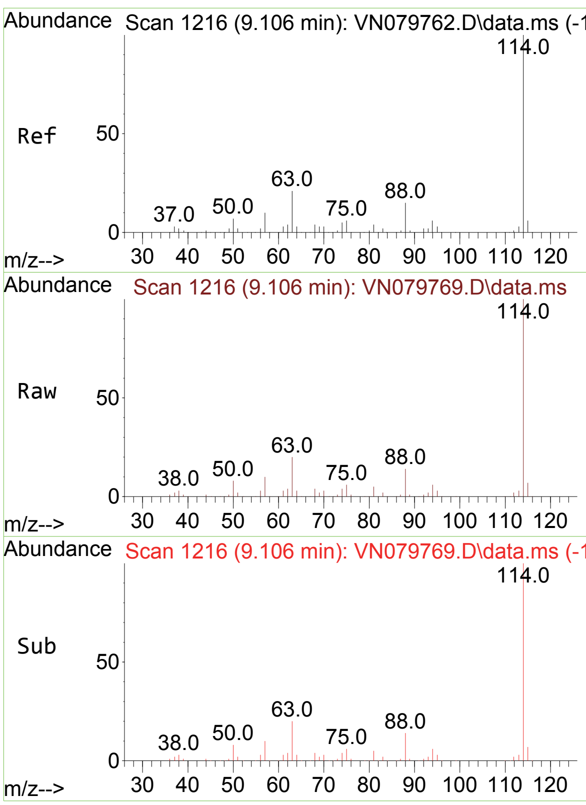
Instrument :
MSVOA_N
ClientSampleId :

Delta R.T. 0.000 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion: 65 Resp: 172352

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.6

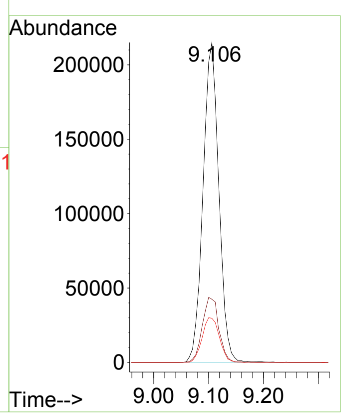


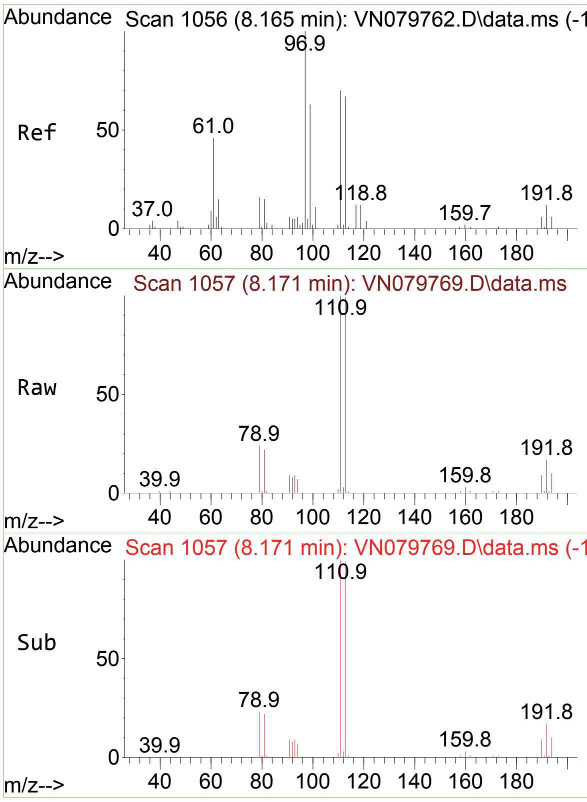


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion:114 Resp: 430062

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	36.4
88	13.8	0.0	30.6



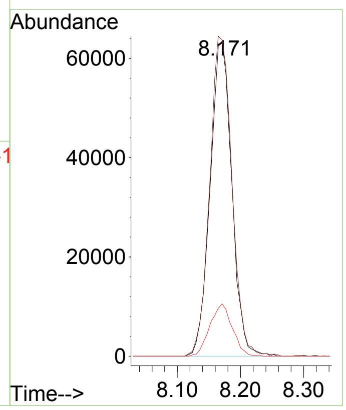


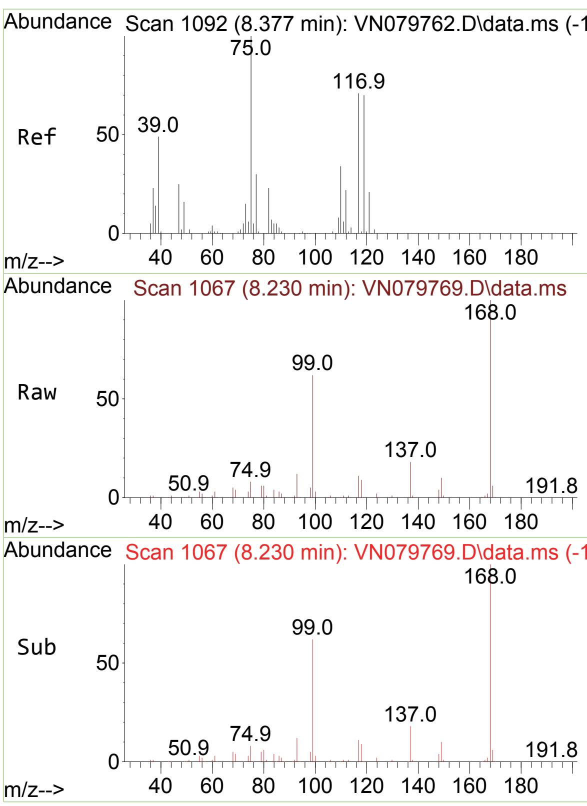
#35
Dibromofluoromethane
Concen: 49.540 ug/l
RT: 8.171 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 150789

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	123.8
192	17.3	12.7	19.1

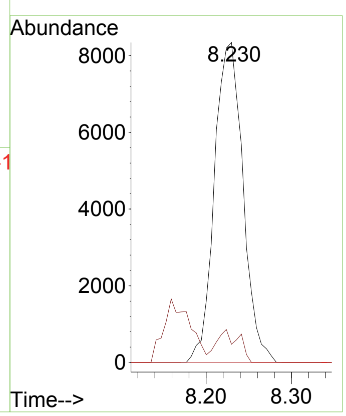


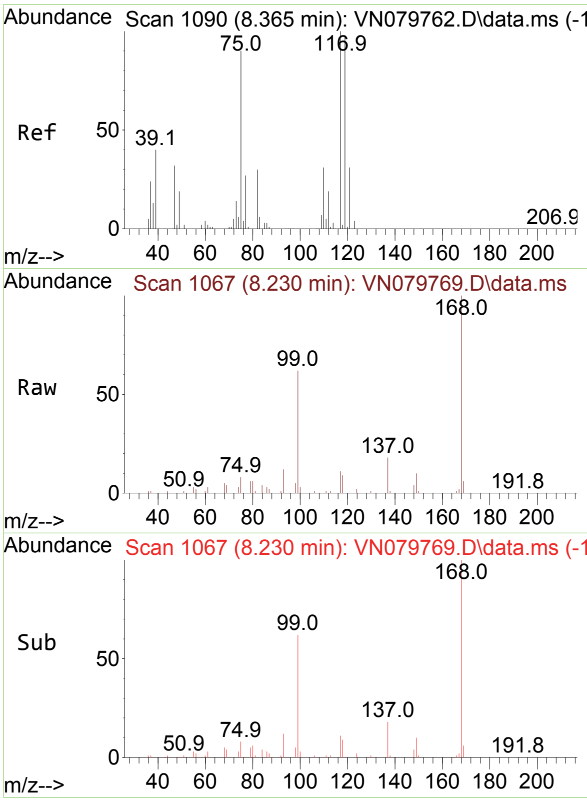


#36
1,1-Dichloropropene
Concen: 4.479 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion: 75 Resp: 19464

Ion	Ratio	Lower	Upper
75	100		
110	8.1	19.1	57.3#
77	0.0	25.0	37.4#



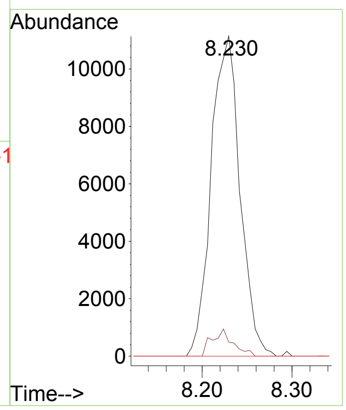


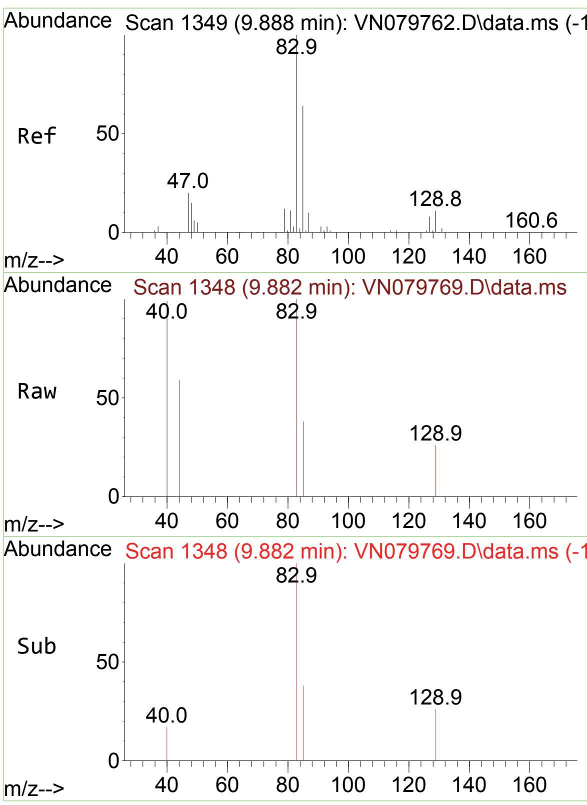
#38
Carbon Tetrachloride
Concen: 5.668 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.129 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 24827

Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.3	115.9#
121	0.0	23.3	34.9#

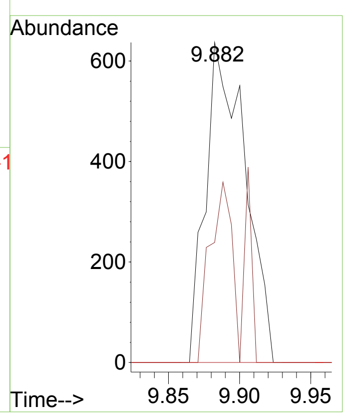


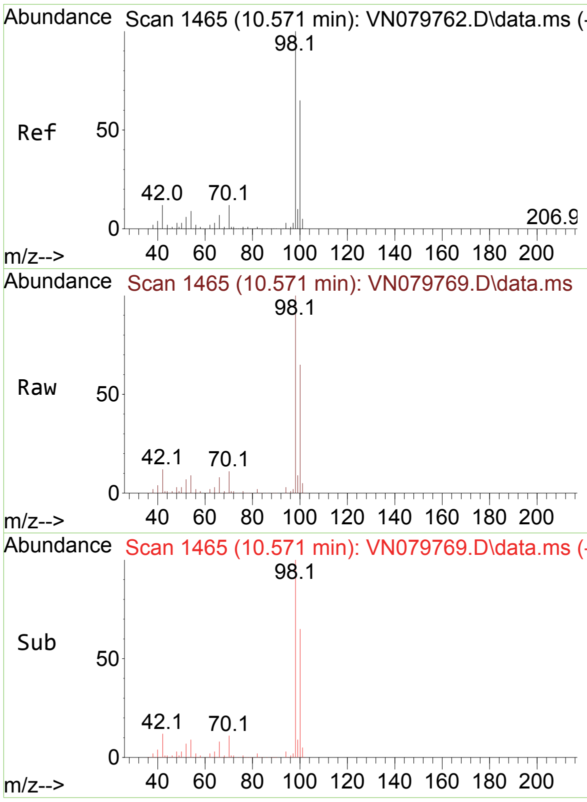


#47
Bromodichloromethane
Concen: 0.255 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion: 83 Resp: 1234

Ion	Ratio	Lower	Upper
83	100		
85	37.5	49.6	74.4#
127	0.0	7.0	10.6#



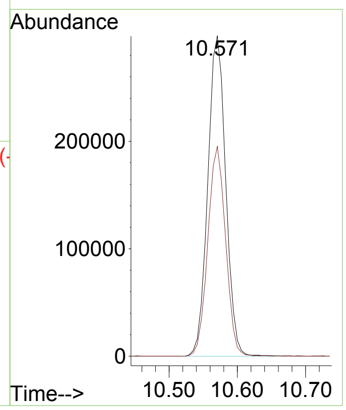


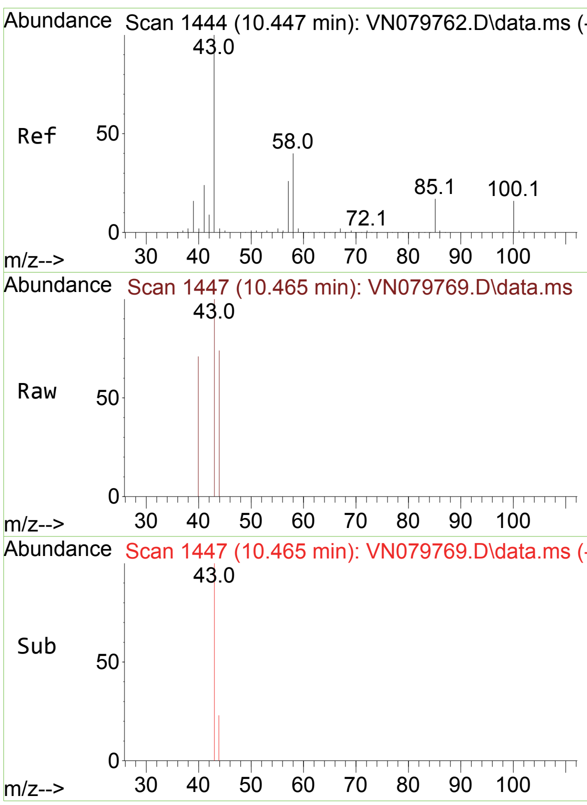
#50
Toluene-d8
Concen: 48.683 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 545513

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.0	78.0

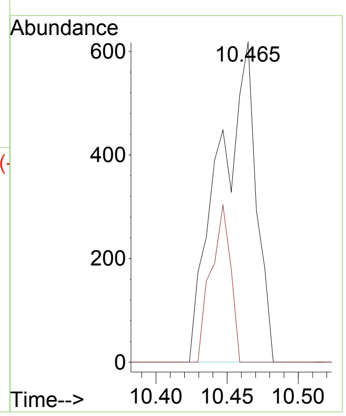


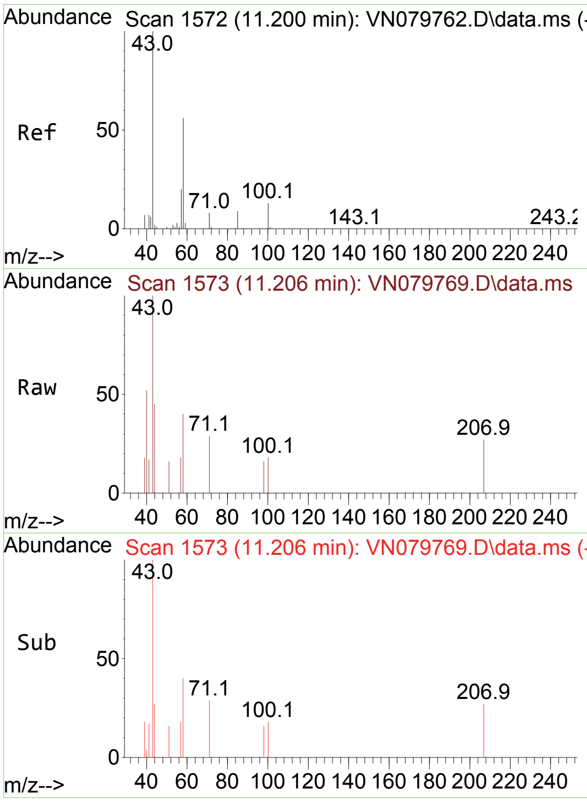


#51
4-Methyl-2-Pentanone
Concen: 0.286 ug/l
RT: 10.465 min Scan# 1447
Delta R.T. 0.018 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion: 43 Resp: 1125

Ion	Ratio	Lower	Upper
43	100		
58	26.0	36.6	54.8#



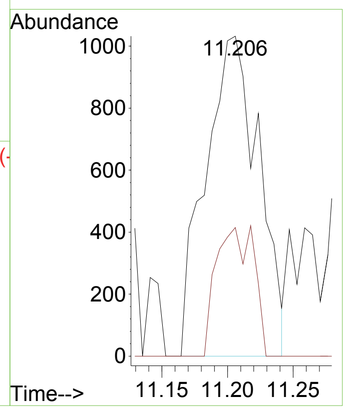


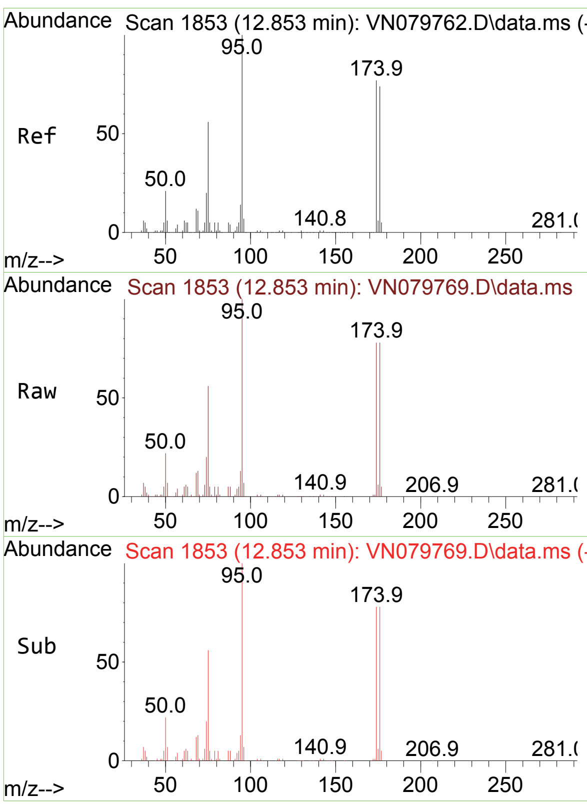
#59
2-Hexanone
Concen: 0.970 ug/l
RT: 11.206 min Scan# 1!
Delta R.T. 0.006 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2919

Ion	Ratio	Lower	Upper
43	100		
58	28.5	31.7	95.1#

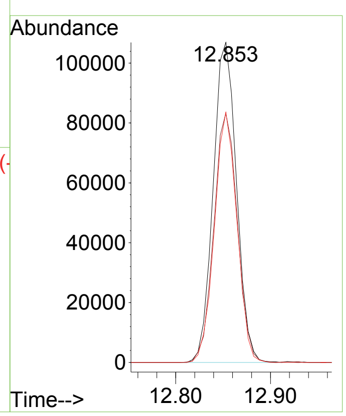


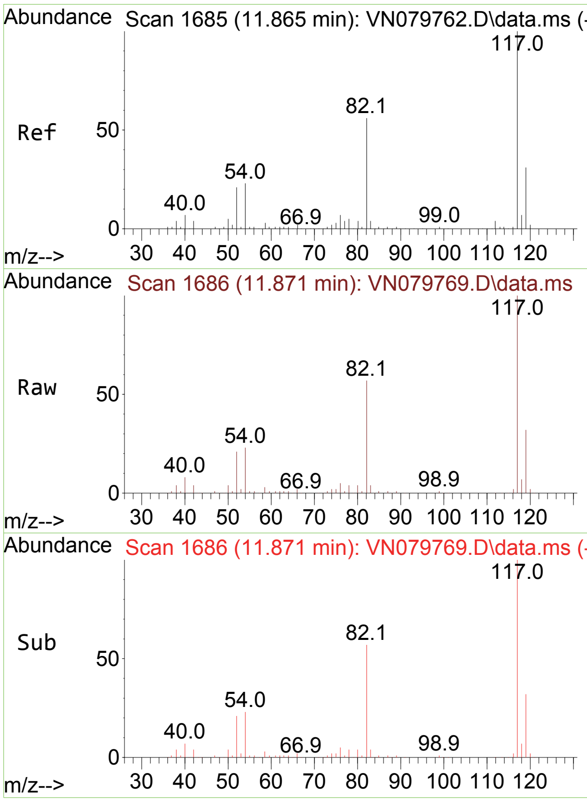


#62
4-Bromofluorobenzene
Concen: 49.226 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion: 95 Resp: 182937

Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	143.8
176	75.4	0.0	135.8





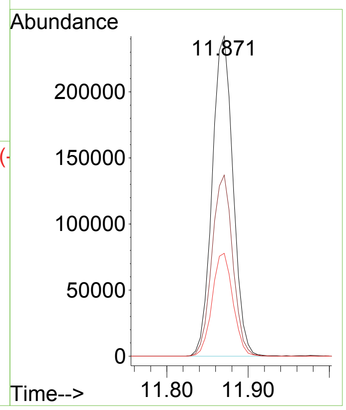
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1

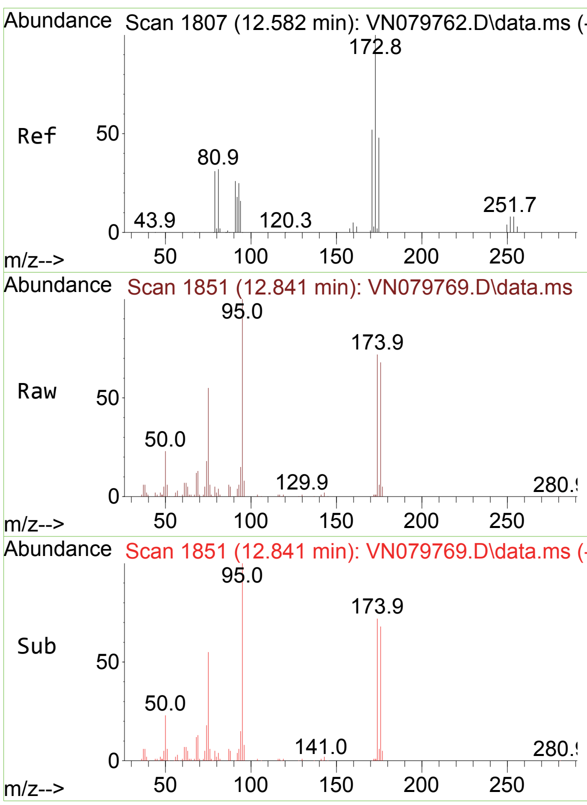
Instrument :
MSVOA_N
ClientSampleId :

Delta R.T. 0.000 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion:117 Resp: 431748

Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.0	66.0
119	32.1	25.6	38.4

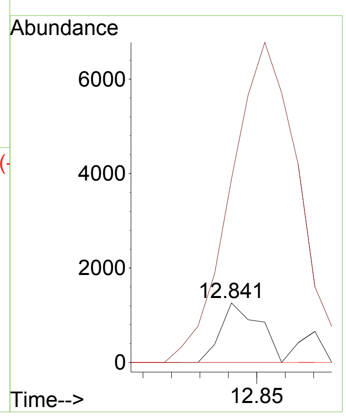


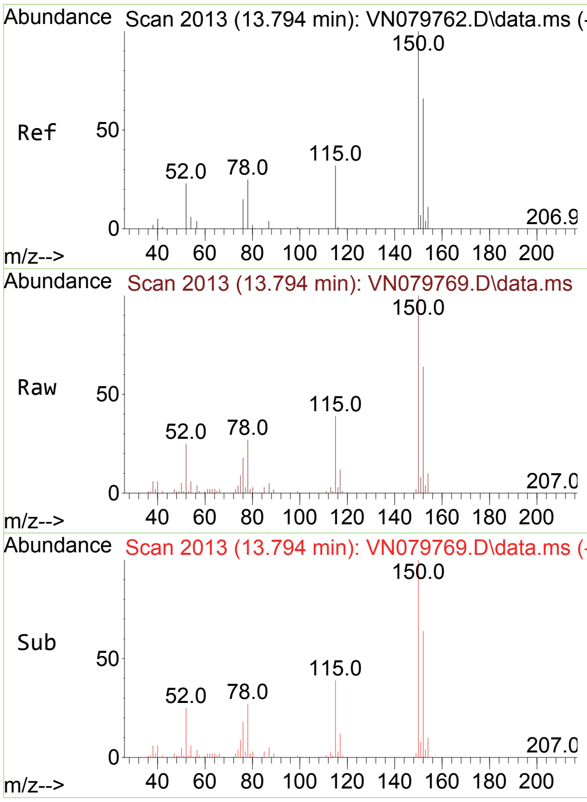


#71
Bromoform
Concen: 0.502 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.259 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion:173 Resp: 1202

Ion	Ratio	Lower	Upper
173	100		
175	734.1	24.3	73.0#
254	0.0	0.0	0.0





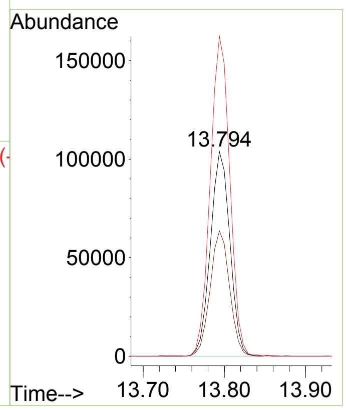
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2(

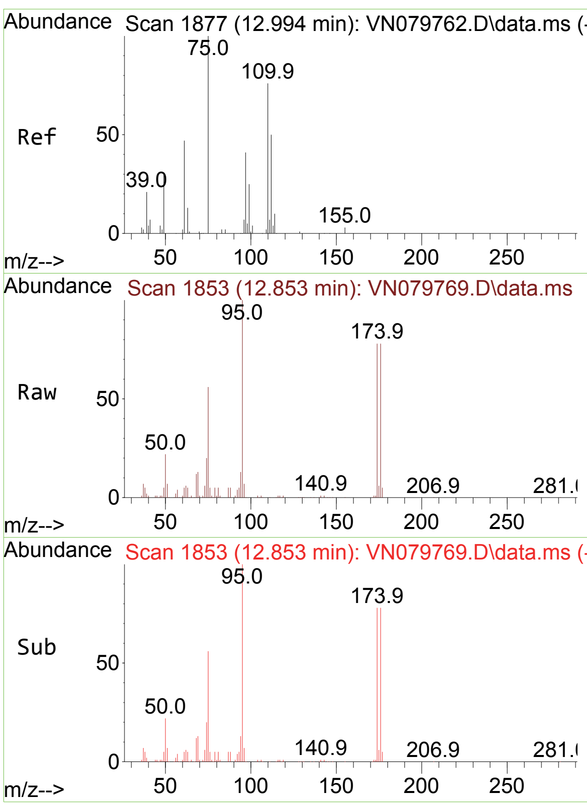
Instrument :
MSVOA_N
ClientSampleId :

Delta R.T. 0.000 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion:152 Resp: 172986

Ion	Ratio	Lower	Upper
152	100		
115	61.0	32.3	96.8
150	157.0	0.0	355.8

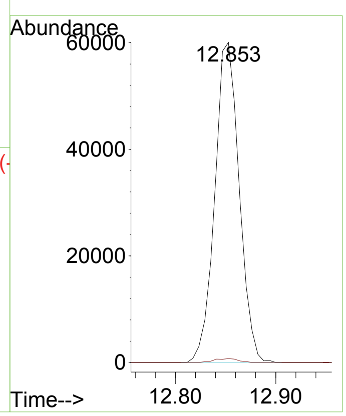


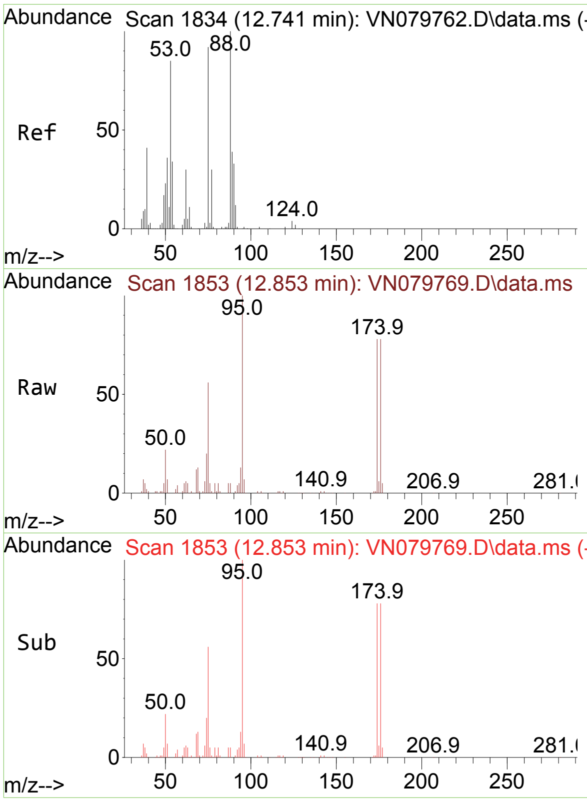


#76
1,2,3-Trichloropropane
Concen: 24.984 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion: 75 Resp: 101465

Ion	Ratio	Lower	Upper
75	100		
77	1.2	84.5	253.5#



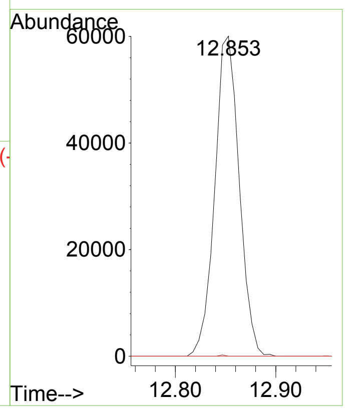


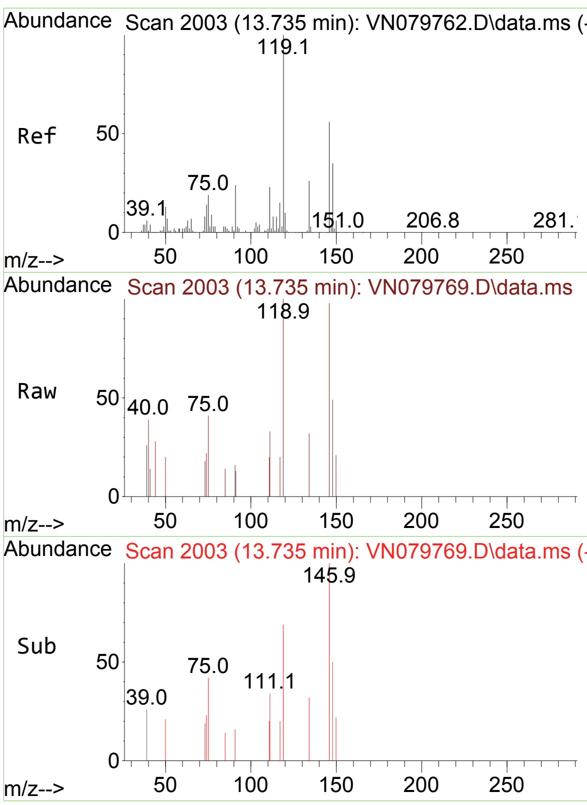
#81
trans-1,4-Dichloro-2-butene
Concen: 67.976 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.118 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 101465

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

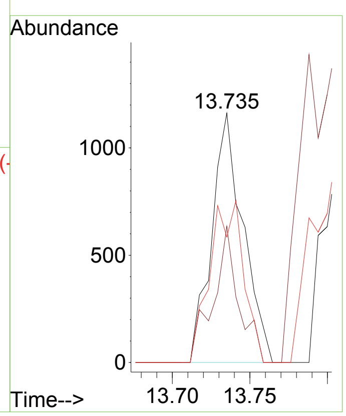


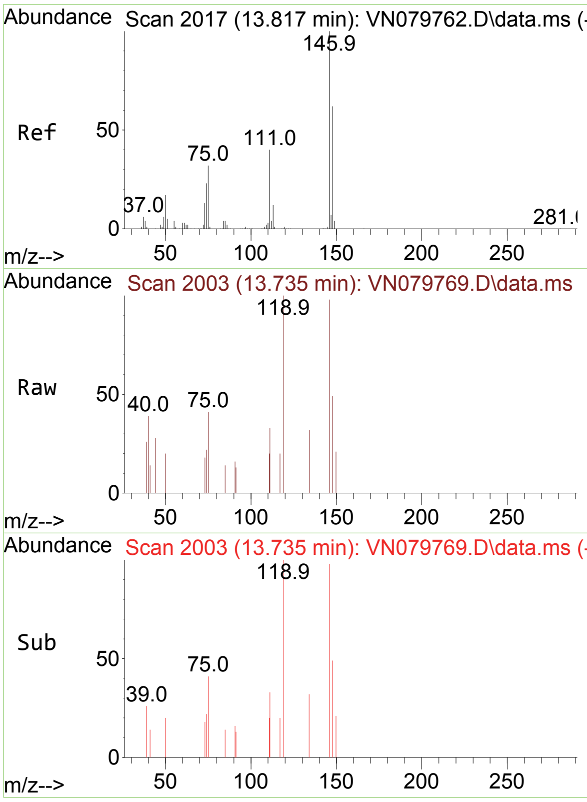


#87
1,3-Dichlorobenzene
Concen: 0.273 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion:146 Resp: 1635

Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.1	66.3
148	69.2	32.0	96.0



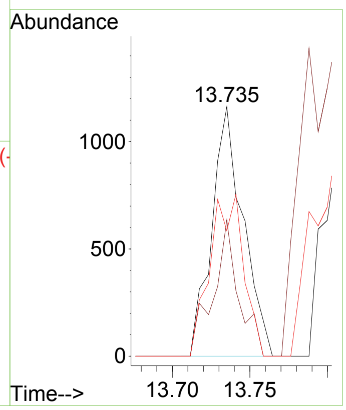


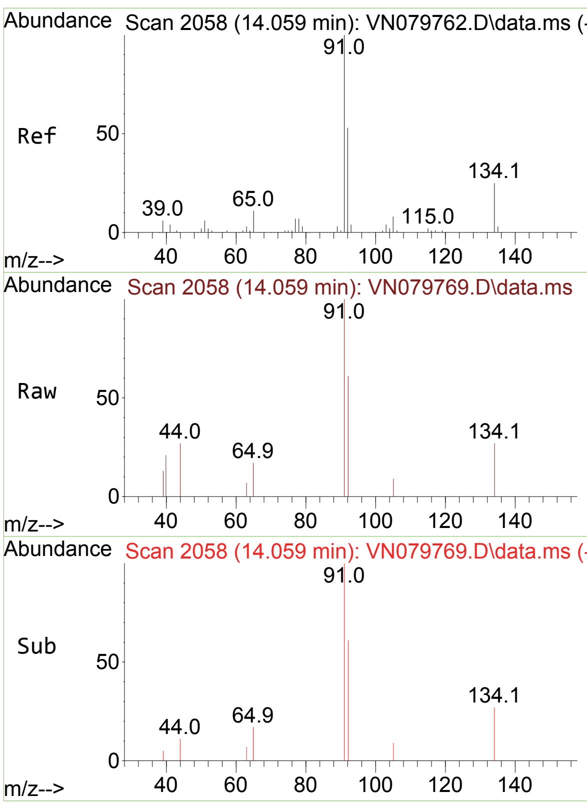
#88
1,4-Dichlorobenzene
Concen: 0.269 ug/l
RT: 13.735 min Scan# 2(
Delta R.T. -0.082 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 1635

Ion	Ratio	Lower	Upper
146	100		
111	44.4	20.6	61.8
148	69.2	31.6	94.8

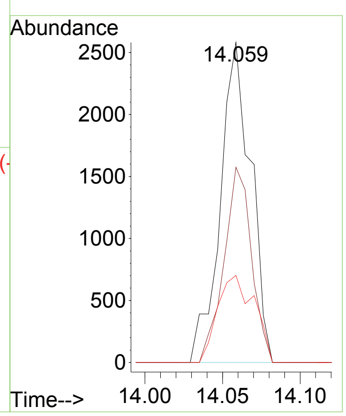


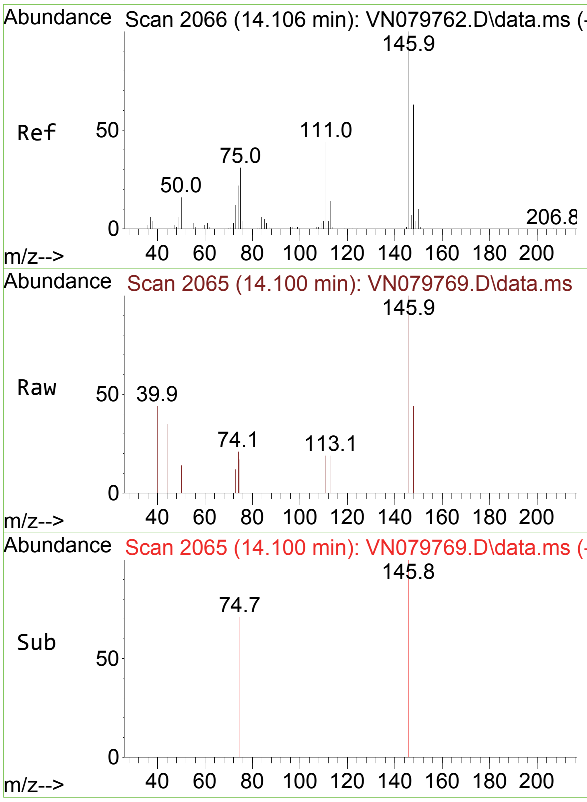


#89
n-Butylbenzene
Concen: 0.435 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion: 91 Resp: 3540

Ion	Ratio	Lower	Upper
91	100		
92	55.0	26.4	79.0
134	32.7	12.6	37.6





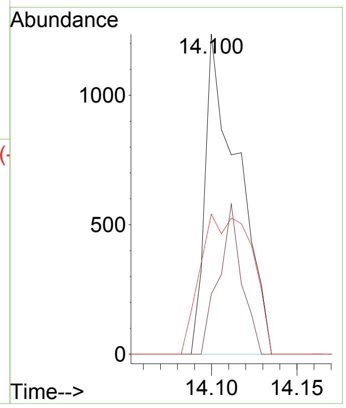
#91
1,2-Dichlorobenzene
Concen: 0.292 ug/l
RT: 14.100 min Scan# 2

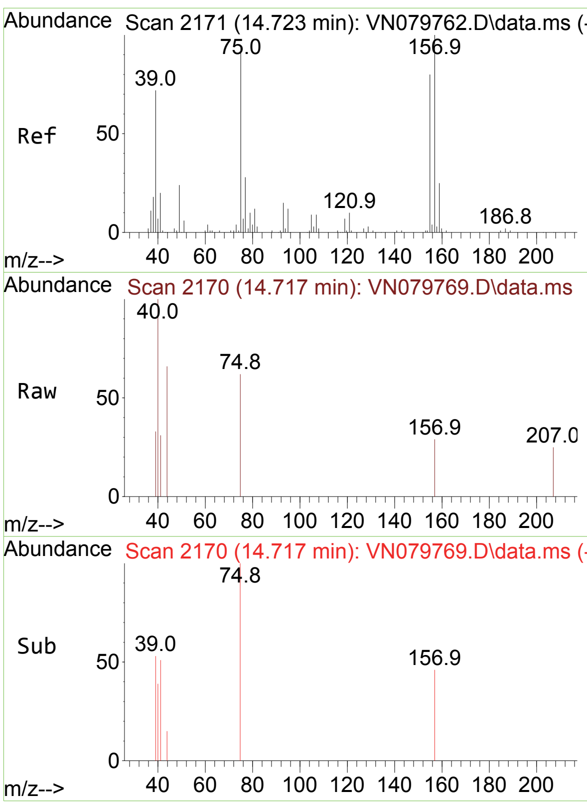
Instrument :
MSVOA_N
ClientSampleId :

Delta R.T.   -0.006 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion:146 Resp: 1651

Ion	Ratio	Lower	Upper
146	100		
111	33.1	22.0	66.0
148	68.9	31.8	95.3

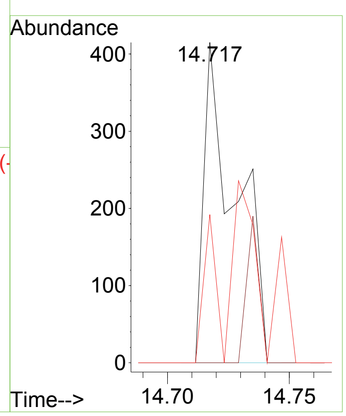


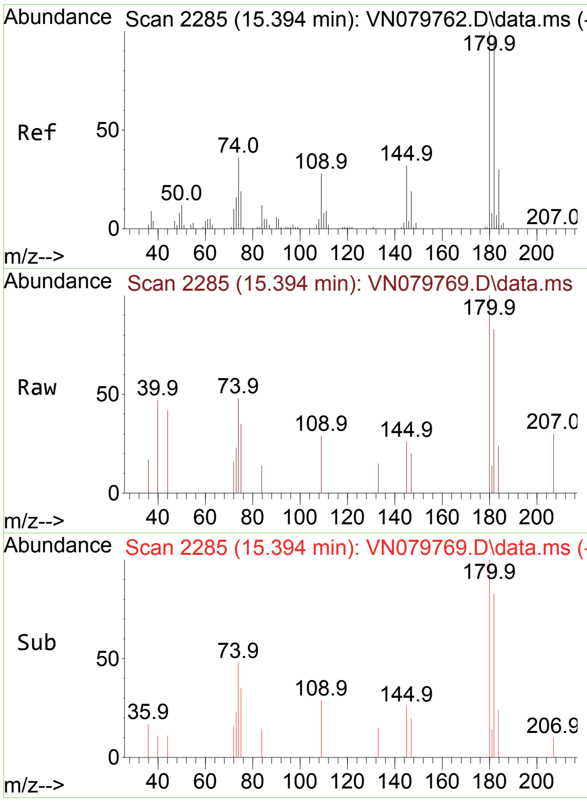


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.478 ug/l
RT: 14.717 min Scan# 2170
Delta R.T.   -0.006 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion: 75 Resp: 377

Ion	Ratio	Lower	Upper
75	100		
155	17.8	39.1	117.2#
157	72.1	50.3	150.9



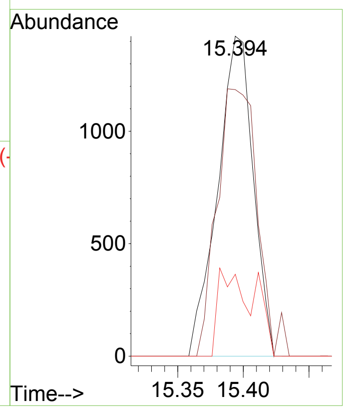


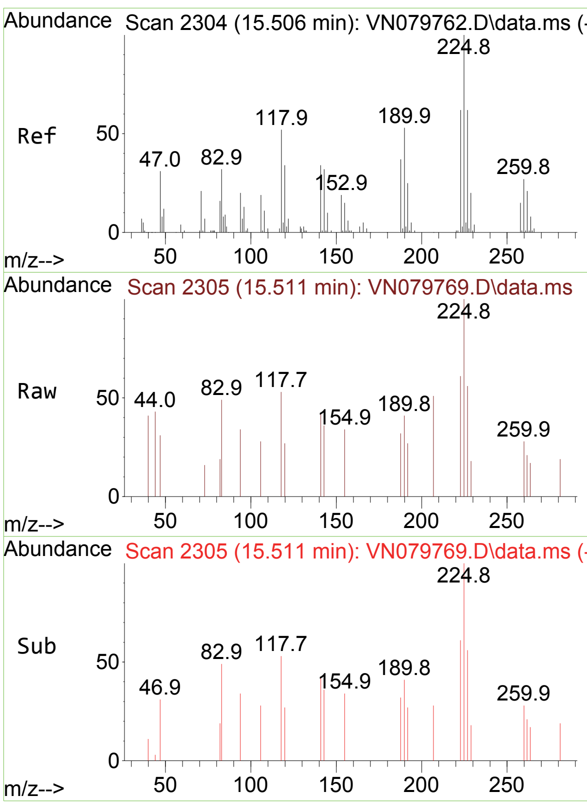
#93
1,2,4-Trichlorobenzene
Concen: 1.000 ug/l
RT: 15.394 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 2683

Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.1	138.2
145	19.5	16.6	49.8

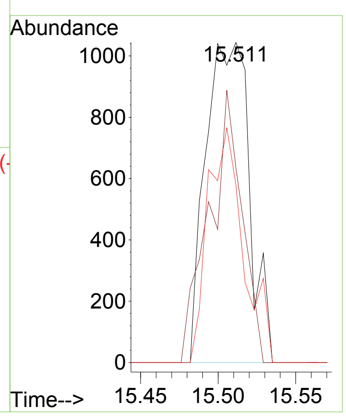


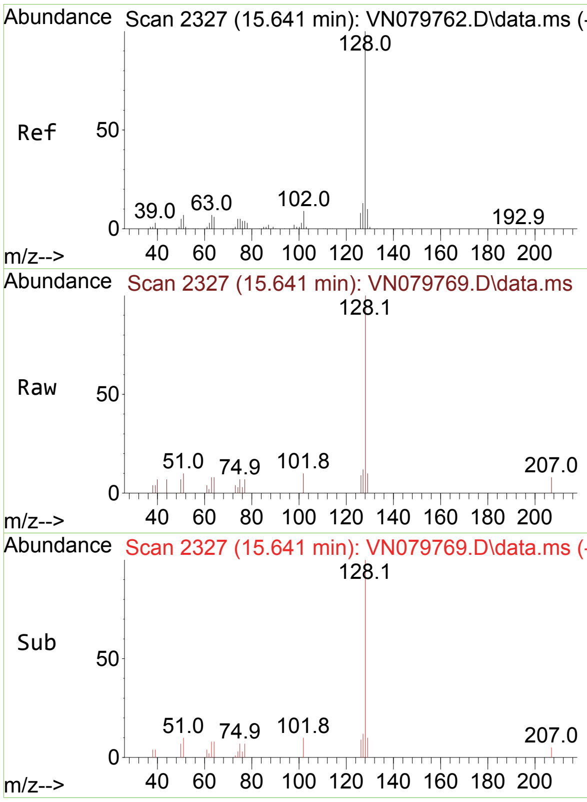


#94
Hexachlorobutadiene
Concen: 1.687 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion:225 Resp: 2053

Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.3	93.8
227	59.3	31.9	95.9



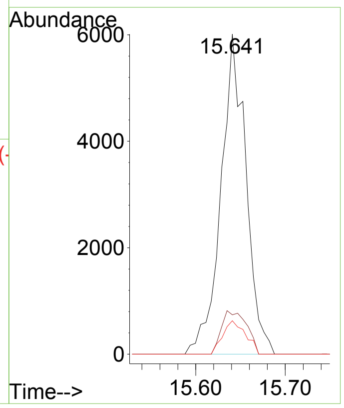


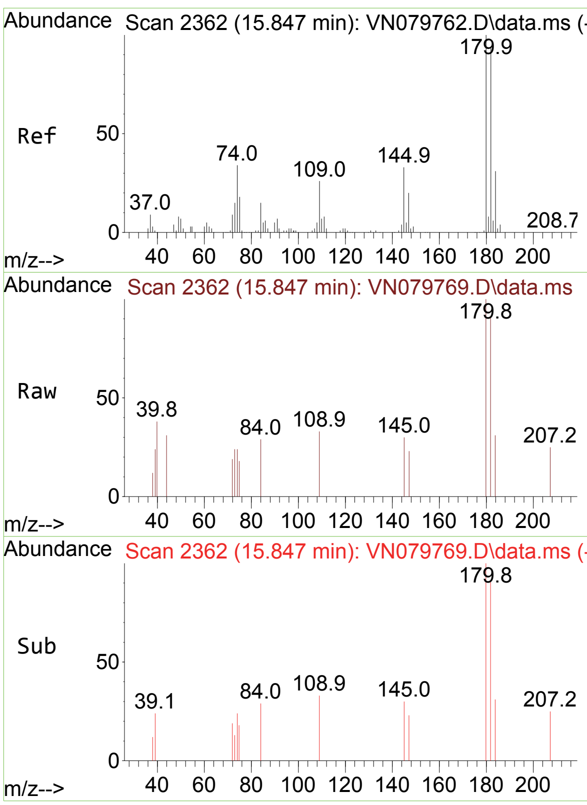
#95
Naphthalene
Concen: 1.286 ug/l
RT: 15.641 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 11702

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.0	15.0
129	9.5	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 1.166 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079769.D
Acq: 01 Nov 2023 14:10

Tgt Ion:180 Resp: 3067

Ion	Ratio	Lower	Upper
180	100		
182	90.5	46.2	138.6
145	26.5	17.5	52.6