Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
Data File : VN080962.D
Acq On : 08 Feb 2024 14:34
Operator : JC\MD
Sample : P1389-16
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 09 01:21:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 07 06:22:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	295042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	649818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	790678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	338620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	201714	54.196	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.400%			
35) Dibromofluoromethane	8.165	113	184295	52.853	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.700%			
50) Toluene-d8	10.571	98	708977	56.212	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.420%			
62) 4-Bromofluorobenzene	12.853	95	302512	66.024	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 132.040%#			
Target Compounds						Qvalue
3) Chloromethane	2.371	50	3702	Below Cal	#	73
5) Bromomethane	2.971	94	1462	0.521	ug/l	96
6) Chloroethane	3.118	64	711	0.231	ug/l #	42
11) Tert butyl alcohol	5.512	59	340	0.663	ug/l #	72
13) Acrolein	4.183	56	205	0.317	ug/l #	69
16) Acetone	4.430	43	47507	38.796	ug/l	91
18) Methyl Acetate	5.024	43	8492	Below Cal	#	83
20) Methylene Chloride	5.289	84	11051	2.979	ug/l #	69
25) 2-Butanone	7.500	43	5006	2.547	ug/l	100
29) Tetrahydrofuran	7.859	42	935	0.778	ug/l #	63
31) Cyclohexane	8.218	56	7229	1.421	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	25540	4.924	ug/l #	50
37) Ethyl Acetate	7.559	43	7971	2.031	ug/l #	97
38) Carbon Tetrachloride	8.224	117	32346	6.083	ug/l #	18
42) 1,2-Dichloroethane	8.689	62	1627	0.296	ug/l #	75
43) Isopropyl Acetate	8.689	43	272421	37.743	ug/l #	91
45) 1,2-Dichloropropane	9.747	63	3079	0.723	ug/l #	42
48) Methyl methacrylate	9.665	41	6712	1.651	ug/l #	15
49) 1,4-Dioxane	9.736	88	435	5.793	ug/l #	1
51) 4-Methyl-2-Pentanone	10.359	43	188865	43.420	ug/l #	49
53) t-1,3-Dichloropropene	10.730	75	2318	0.389	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	101264	15.130	ug/l #	59
56) Ethyl methacrylate	10.988	69	2778	0.568	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	12586	1.898	ug/l #	43
59) 2-Hexanone	11.206	43	122776	37.241	ug/l #	62
74) N-amyl acetate	12.494	43	2953	0.311	ug/l #	48
76) 1,2,3-Trichloropropane	12.853	75	159284	23.070	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	159284	62.679	ug/l #	14

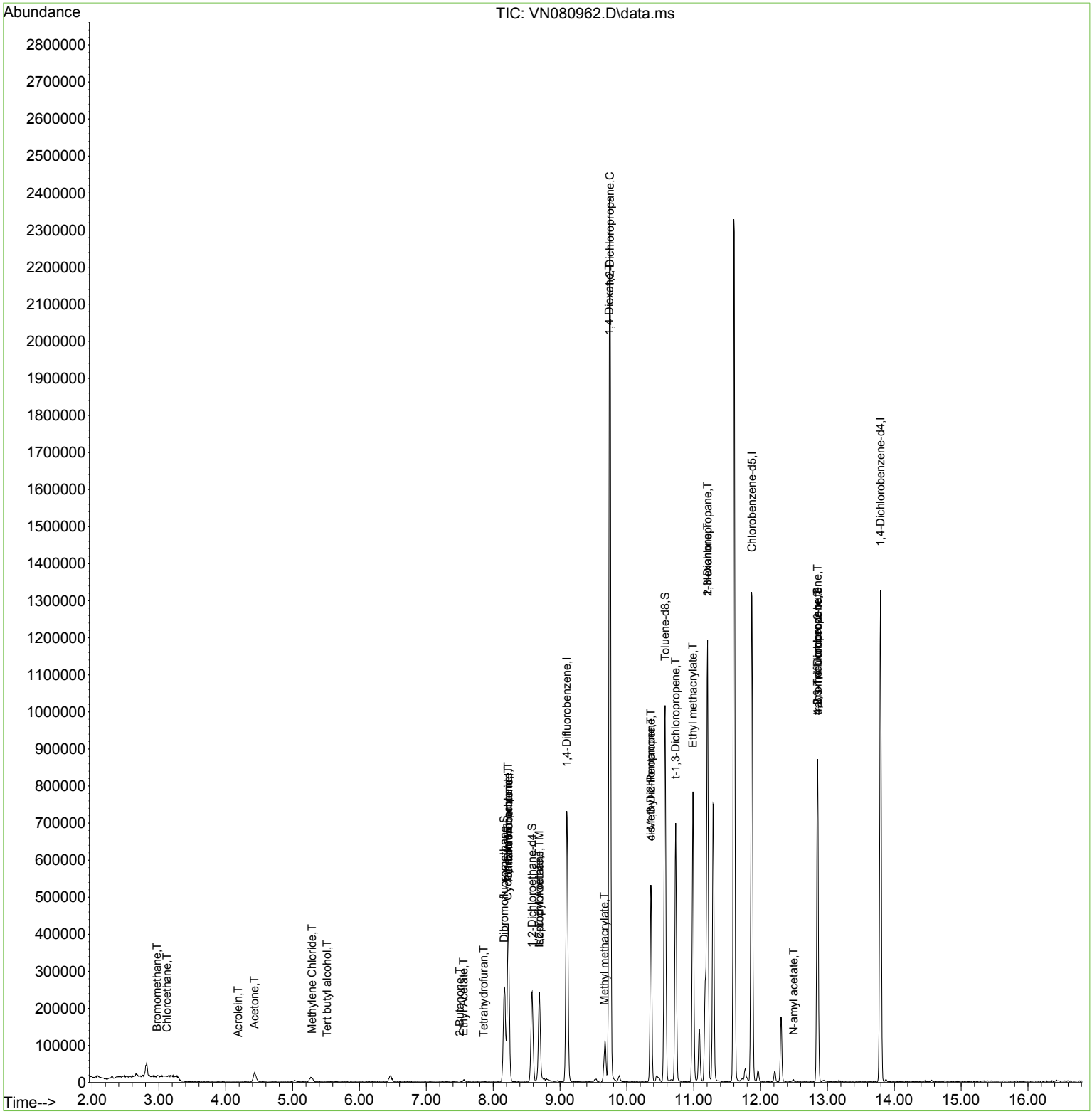
(#) = qualifier out of range (m) = manual integration (+) = signals summed

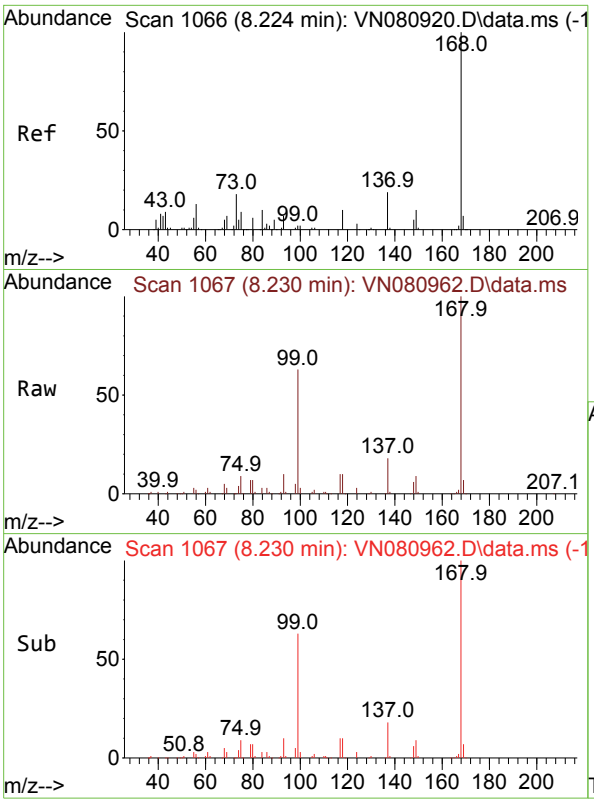
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
Data File : VN080962.D
Acq On : 08 Feb 2024 14:34
Operator : JC\MD
Sample : P1389-16
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 09 01:21:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 07 06:22:23 2024
Response via : Initial Calibration



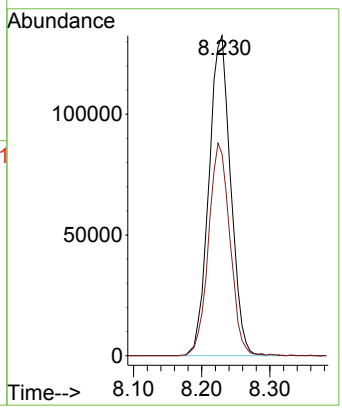


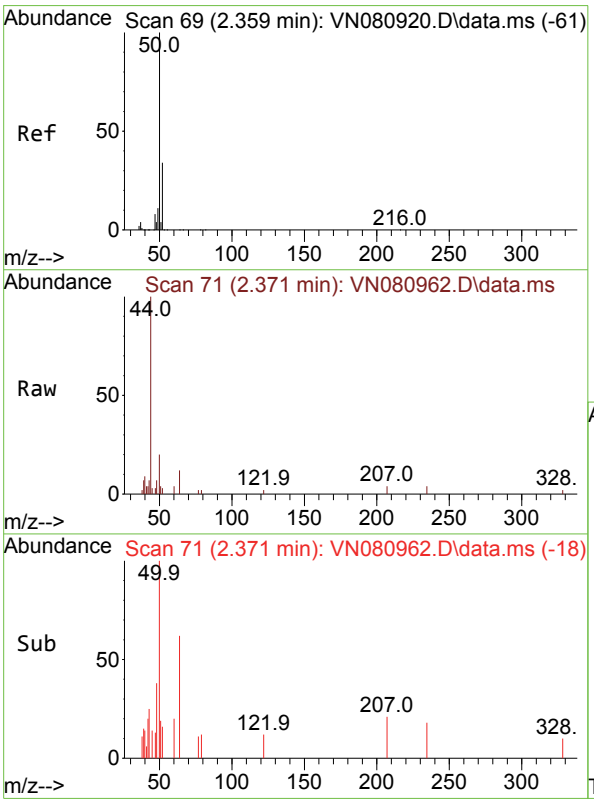
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 295042

Ion	Ratio	Lower	Upper
168	100		
99	63.0	59.9	89.9

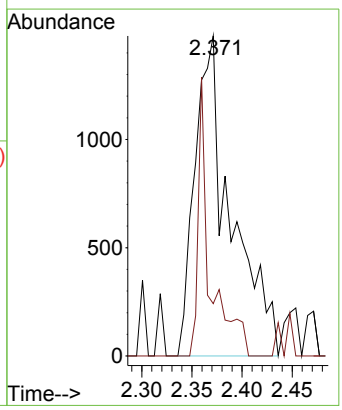


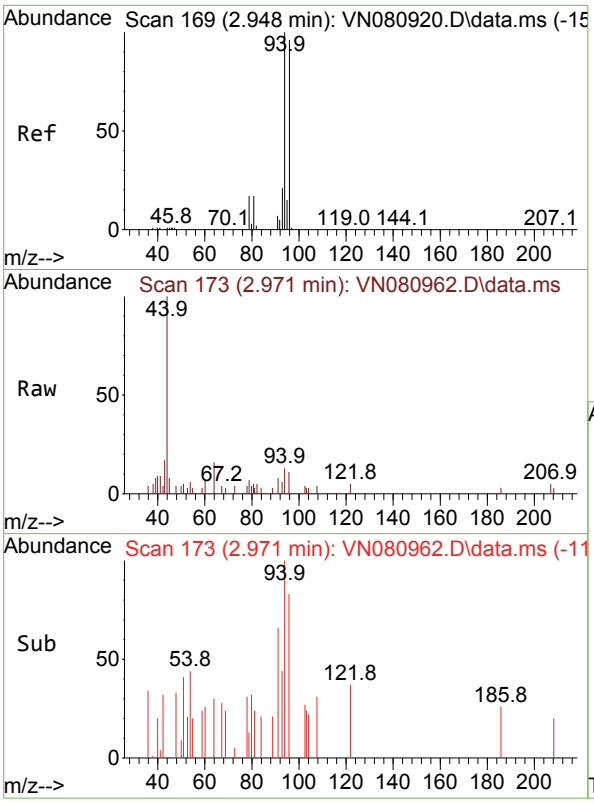


#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Tgt Ion: 50 Resp: 3702

Ion	Ratio	Lower	Upper
50	100		
52	16.4	25.0	37.4#



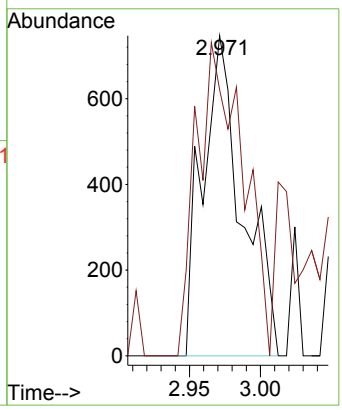


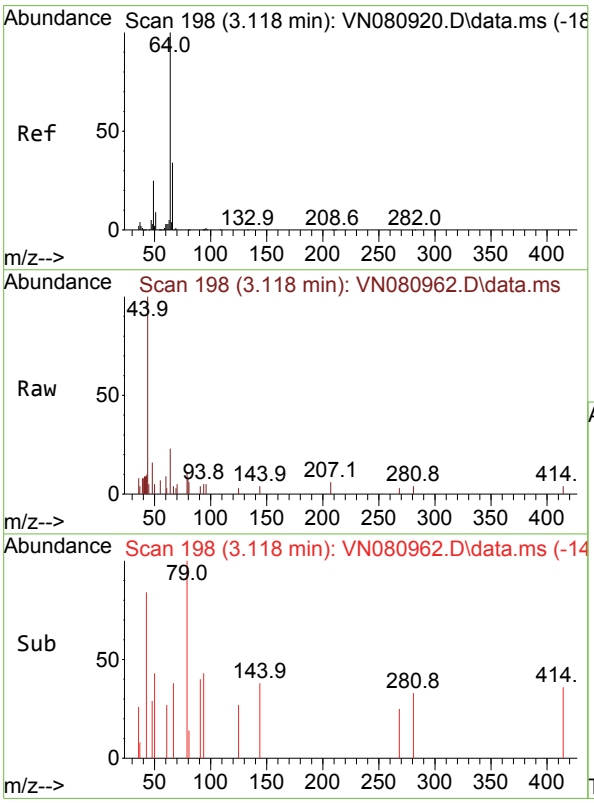
#5
Bromomethane
Concen: 0.521 ug/l
RT: 2.971 min Scan# 1
Delta R.T. 0.024 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 1462

Ion	Ratio	Lower	Upper
94	100		
96	83.1	69.2	103.8

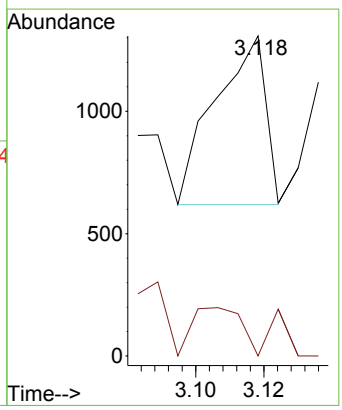


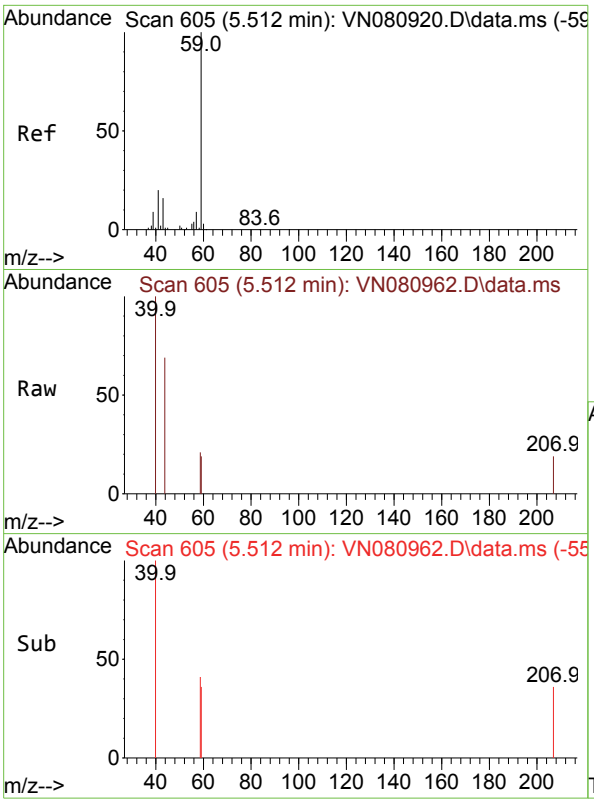


#6
Chloroethane
Concen: 0.231 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Tgt Ion: 64 Resp: 711

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.4	39.6#



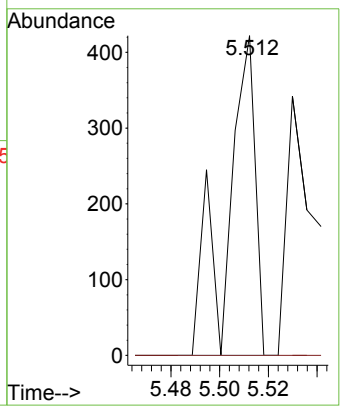


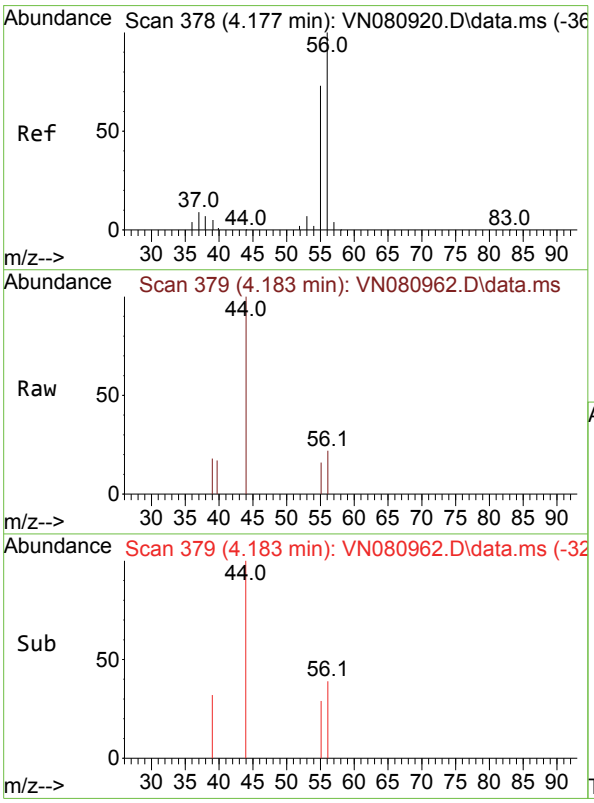
#11
Tert butyl alcohol
Concen: 0.663 ug/l
RT: 5.512 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 340

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

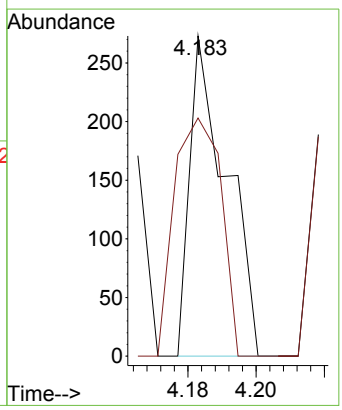


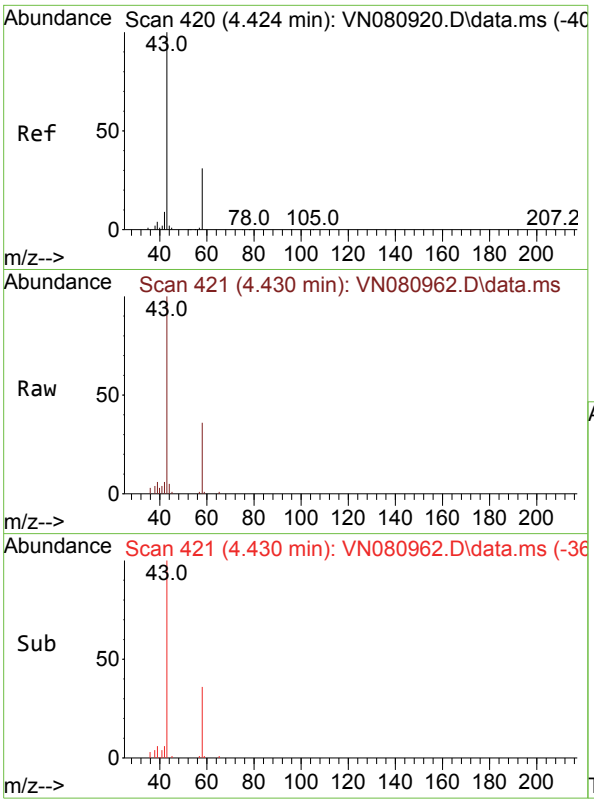


#13
Acrolein
Concen: 0.317 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Tgt Ion: 56 Resp: 205

Ion	Ratio	Lower	Upper
56	100		
55	94.1	55.3	82.9#



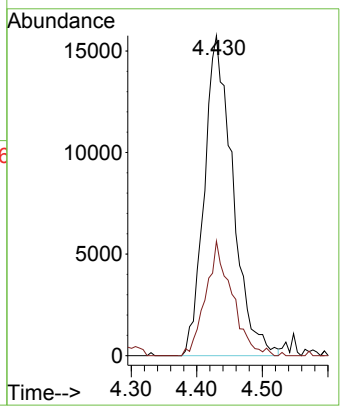


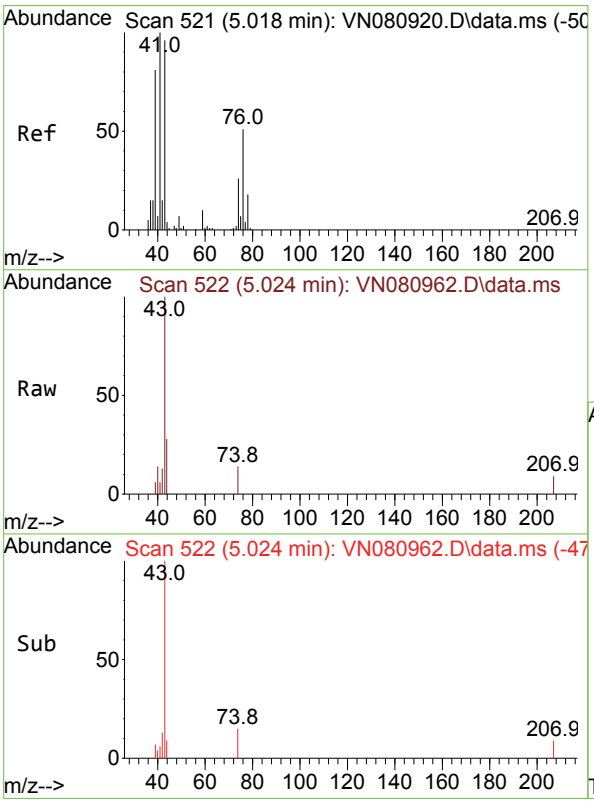
#16
Acetone
Concen: 38.796 ug/l
RT: 4.430 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 47507

Ion	Ratio	Lower	Upper
43	100		
58	35.8	24.8	37.2

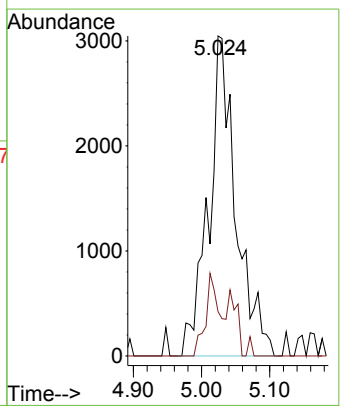


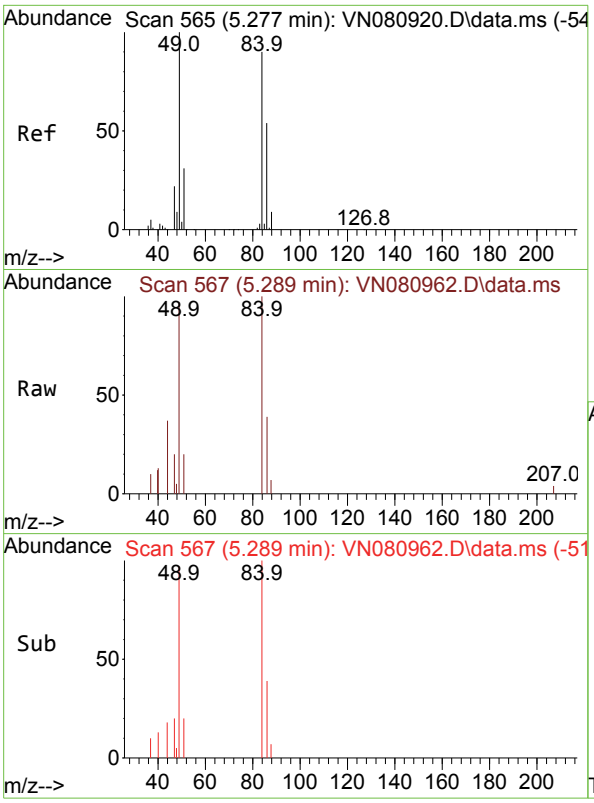


#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Tgt Ion: 43 Resp: 8492

Ion	Ratio	Lower	Upper
43	100		
74	13.5	17.3	25.9#



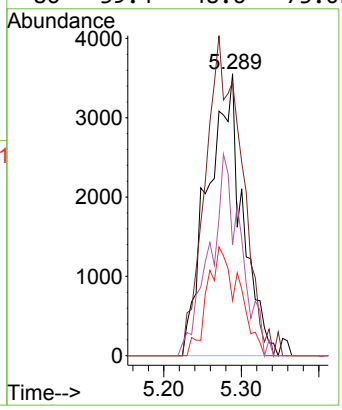


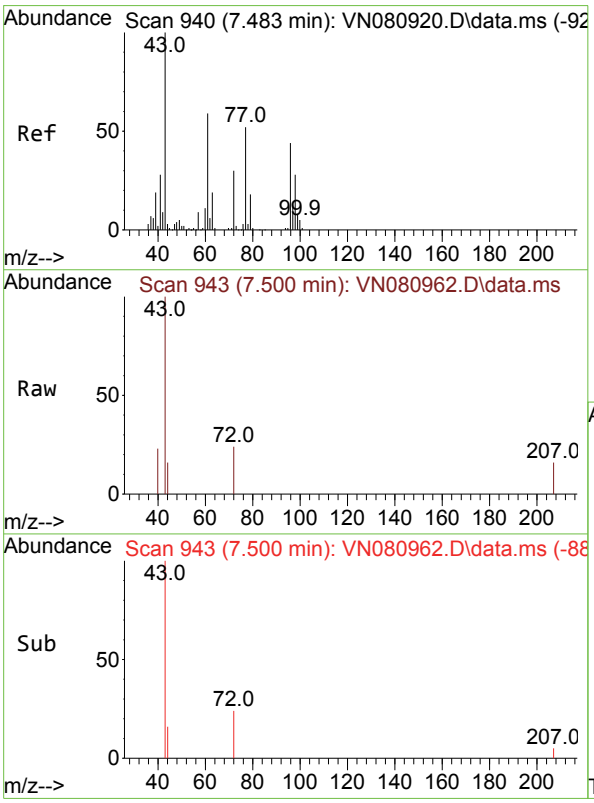
#20
Methylene Chloride
Concen: 2.979 ug/l
RT: 5.289 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 11051

Ion	Ratio	Lower	Upper
84	100		
49	97.1	108.1	162.1#
51	19.5	32.9	49.3#
86	39.4	48.6	73.0#

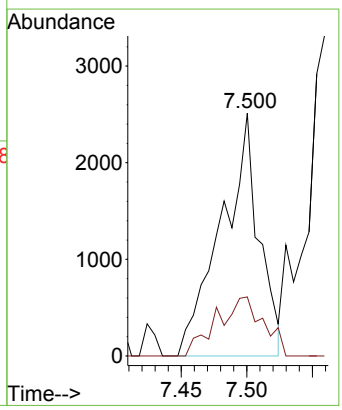


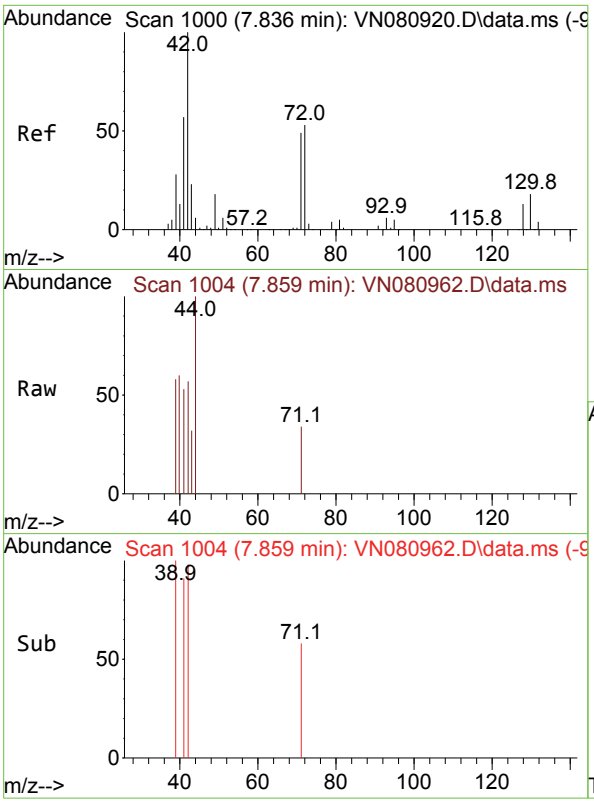


#25
2-Butanone
Concen: 2.547 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.018 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Tgt Ion: 43 Resp: 5006

Ion	Ratio	Lower	Upper
43	100		
72	24.3	19.5	29.3



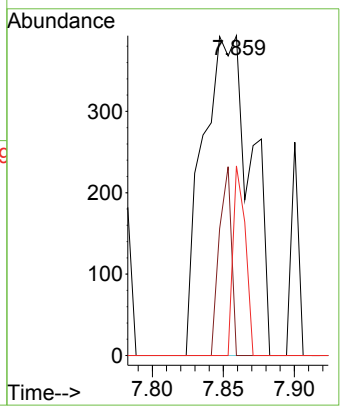


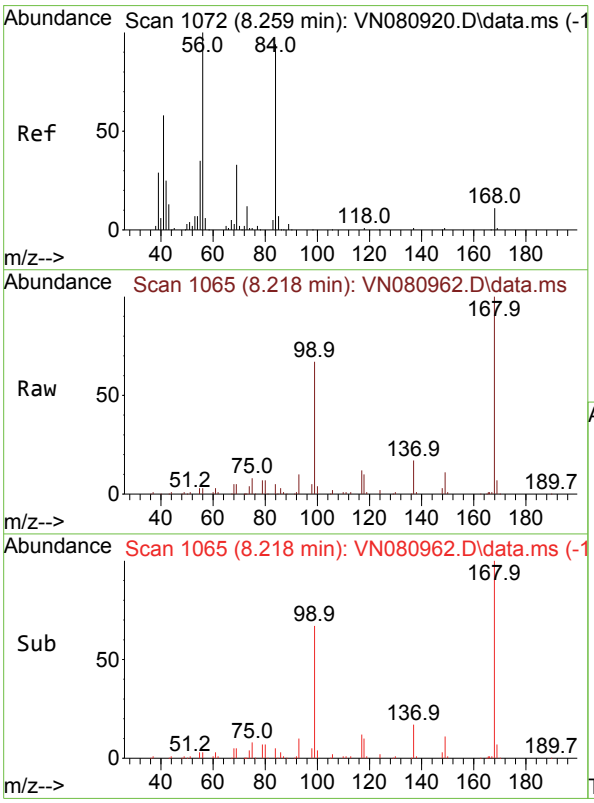
#29
Tetrahydrofuran
Concen: 0.778 ug/l
RT: 7.859 min Scan# 1
Delta R.T. 0.024 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 935

Ion	Ratio	Lower	Upper
42	100		
72	14.7	31.1	46.7#
71	15.0	28.3	42.5#

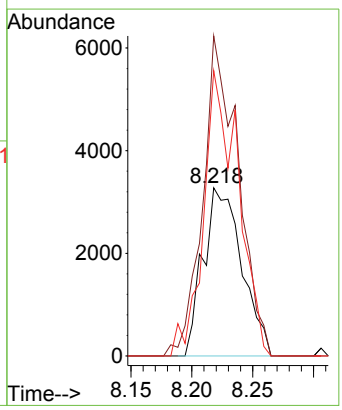


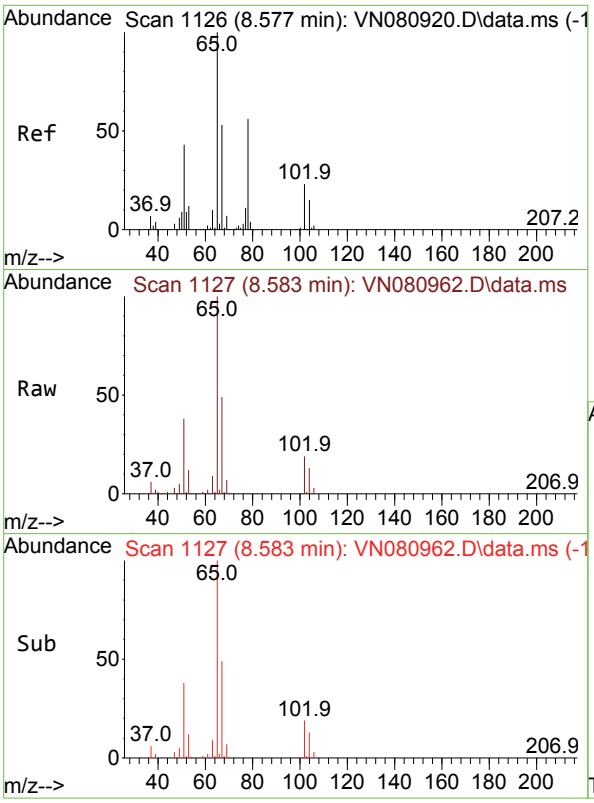


#31
Cyclohexane
Concen: 1.421 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Tgt Ion: 56 Resp: 7229

Ion	Ratio	Lower	Upper
56	100		
69	190.2	20.1	30.1#
84	177.8	56.9	85.3#



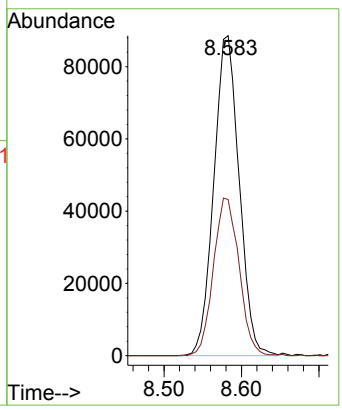


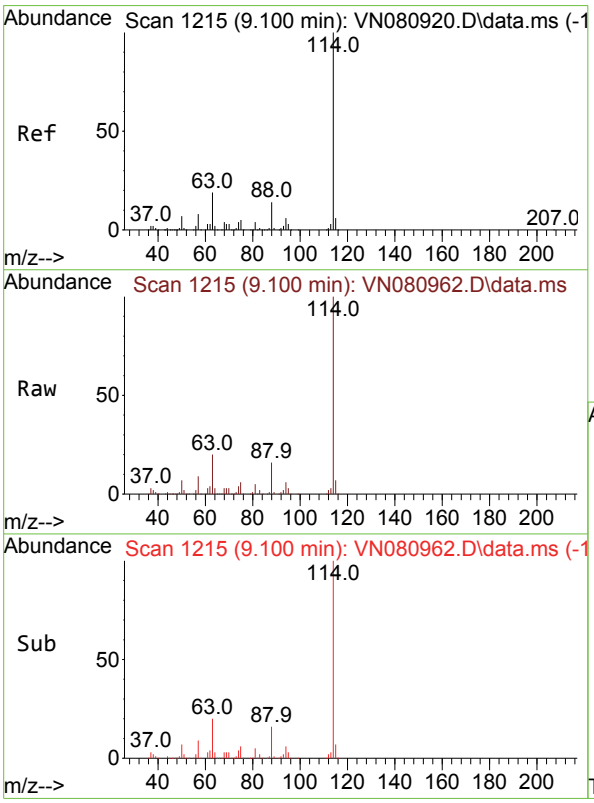
#33
1,2-Dichloroethane-d4
Concen: 54.196 ug/l
RT: 8.583 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 201714

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	102.4

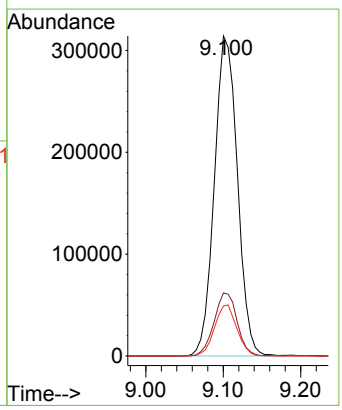


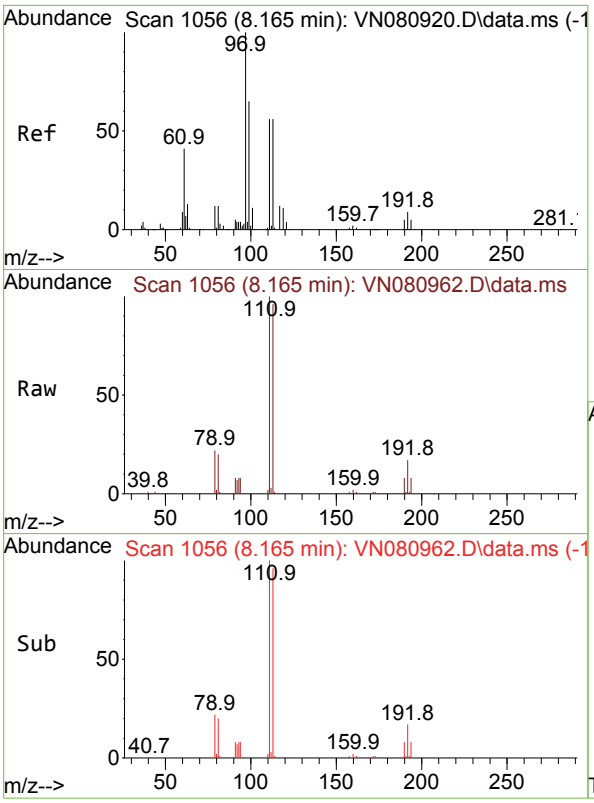


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Tgt Ion:114 Resp: 649818

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	48.0
88	15.6	0.0	34.8



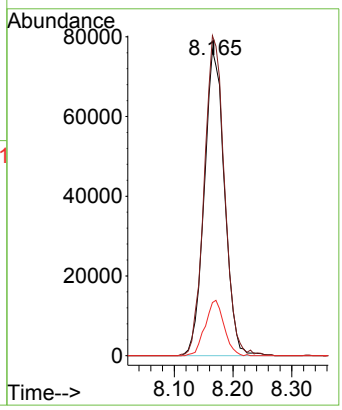


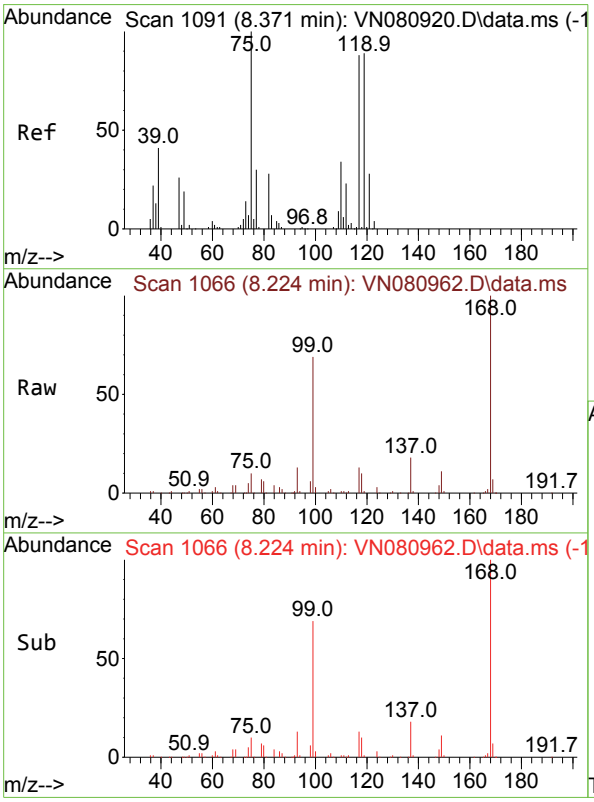
#35
Dibromofluoromethane
Concen: 52.853 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 184295

Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.2	123.4
192	16.8	12.5	18.7

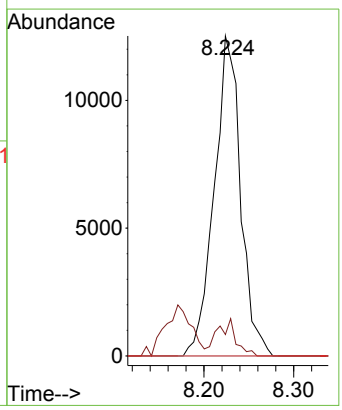


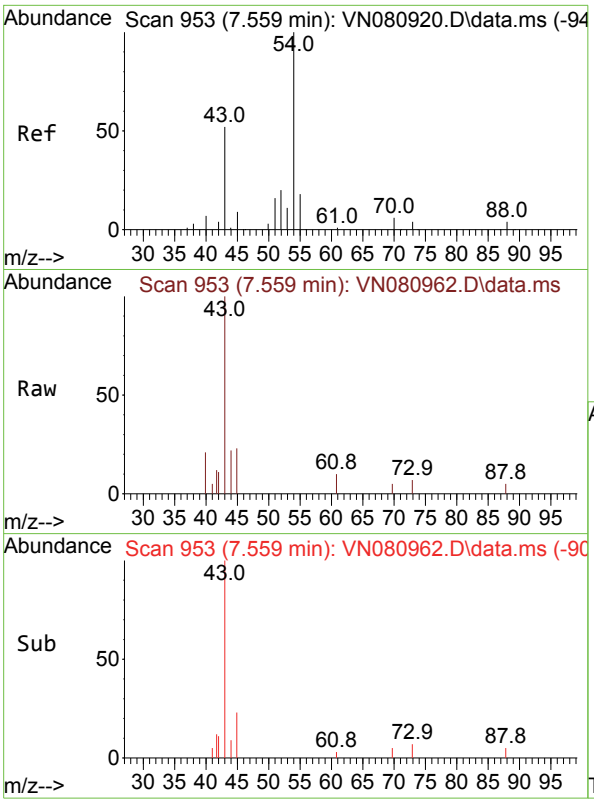


#36
1,1-Dichloropropene
Concen: 4.924 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Tgt Ion: 75 Resp: 25540

Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.0	48.0#
77	0.0	25.8	38.6#



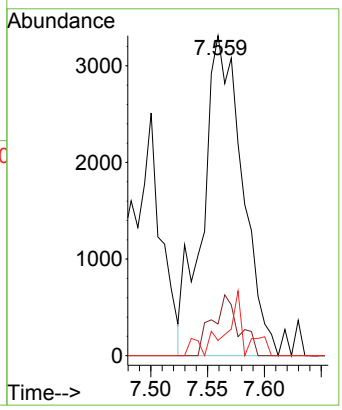


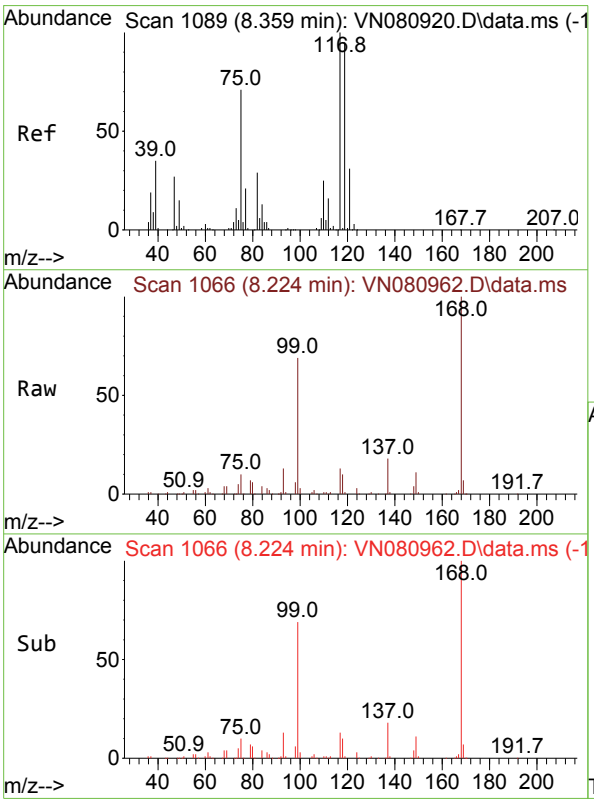
#37
Ethyl Acetate
Concen: 2.031 ug/l
RT: 7.559 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 7971

Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.6	15.8
70	7.8	8.0	12.0#

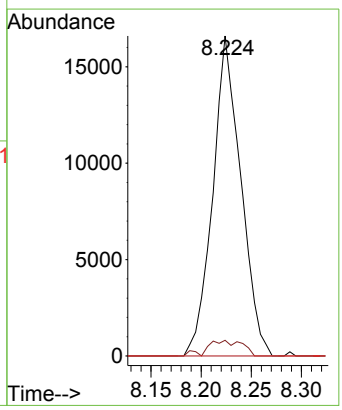


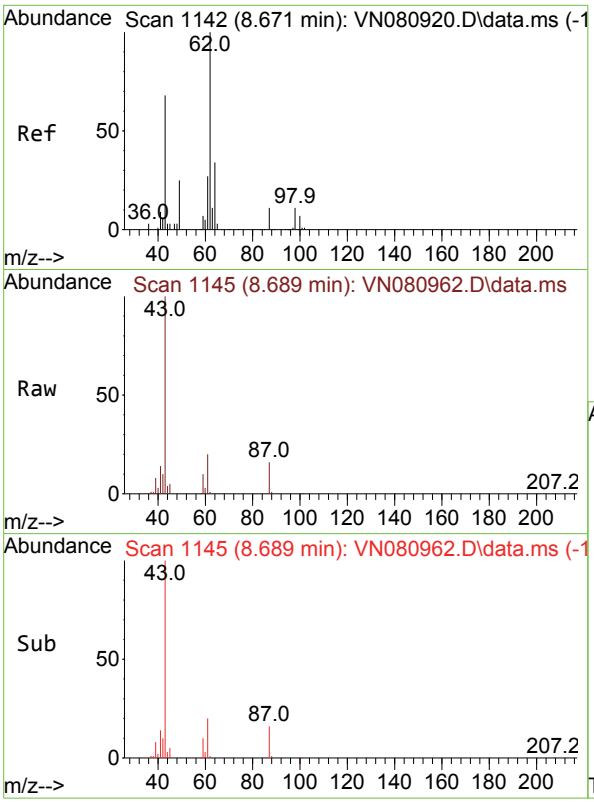


#38
Carbon Tetrachloride
Concen: 6.083 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Tgt Ion:117 Resp: 32346

Ion	Ratio	Lower	Upper
117	100		
119	4.9	73.4	110.2#
121	0.0	24.4	36.6#



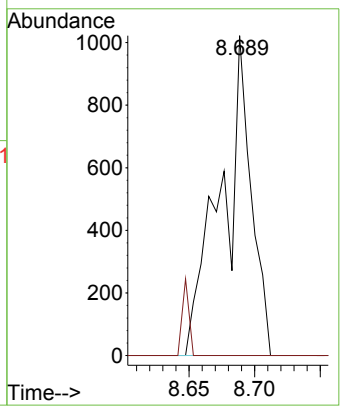


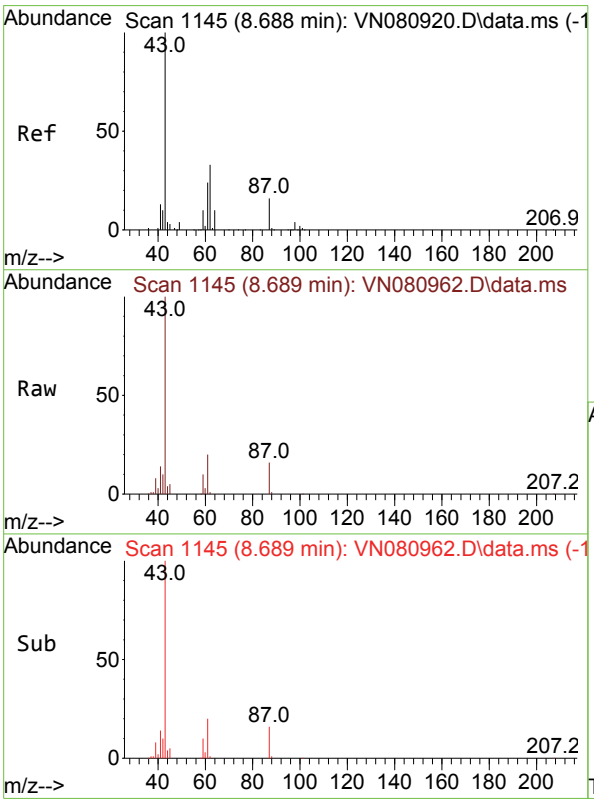
#42
1,2-Dichloroethane
Concen: 0.296 ug/l
RT: 8.689 min Scan# 1
Delta R.T. 0.018 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 62 Resp: 1627

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.0

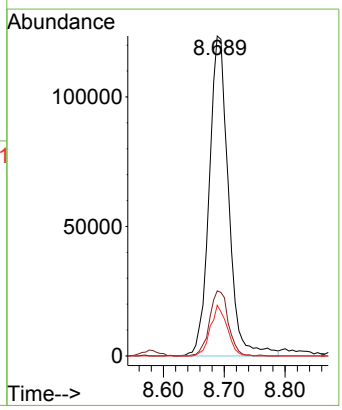


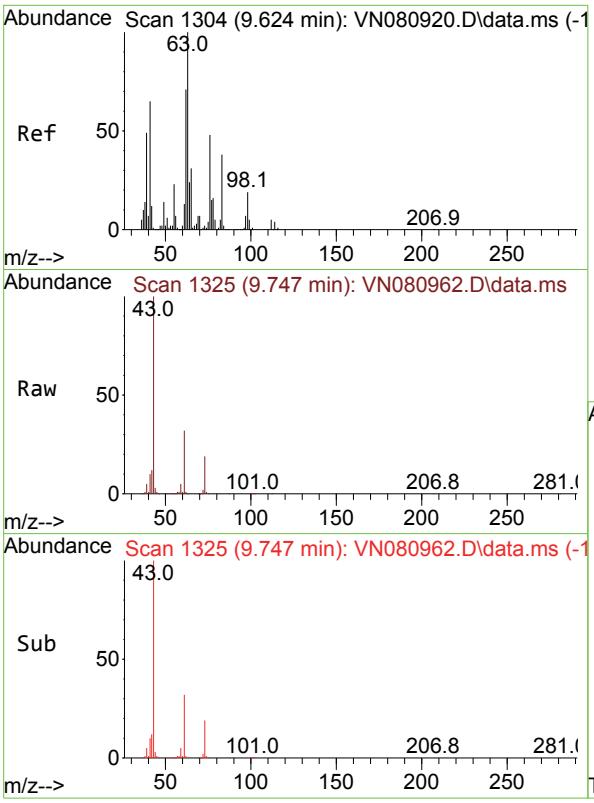


#43
Isopropyl Acetate
Concen: 37.743 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Tgt Ion: 43 Resp: 272421

Ion	Ratio	Lower	Upper
43	100		
61	19.7	19.9	29.9#
87	13.7	9.0	13.6#



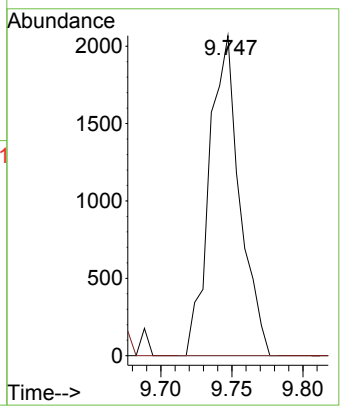


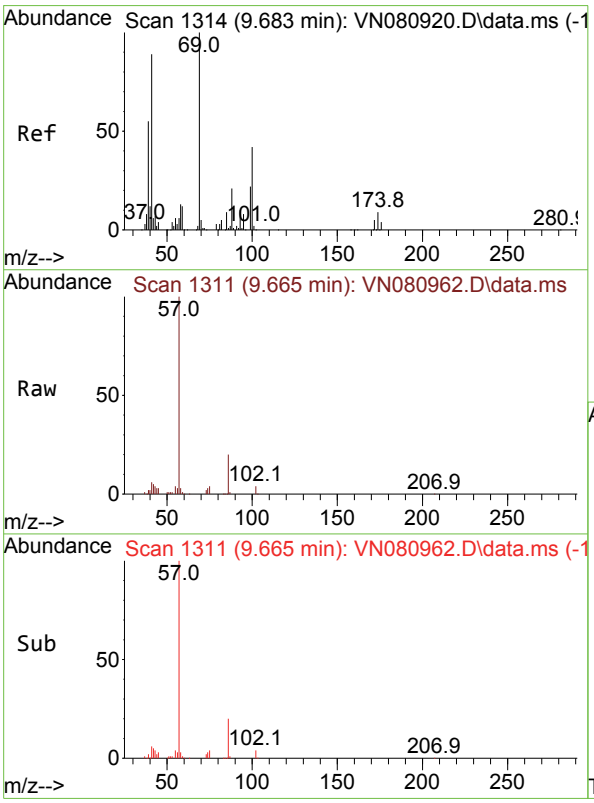
#45
1,2-Dichloropropane
Concen: 0.723 ug/l
RT: 9.747 min Scan# 1
Delta R.T. 0.124 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 3079

Ion	Ratio	Lower	Upper
63	100		
65	0.0	26.1	39.1#

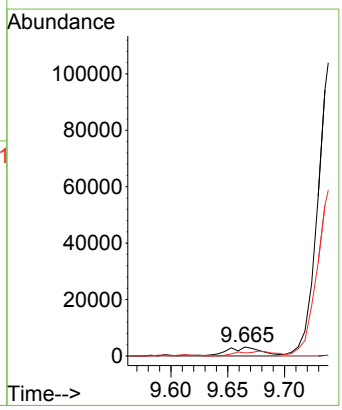


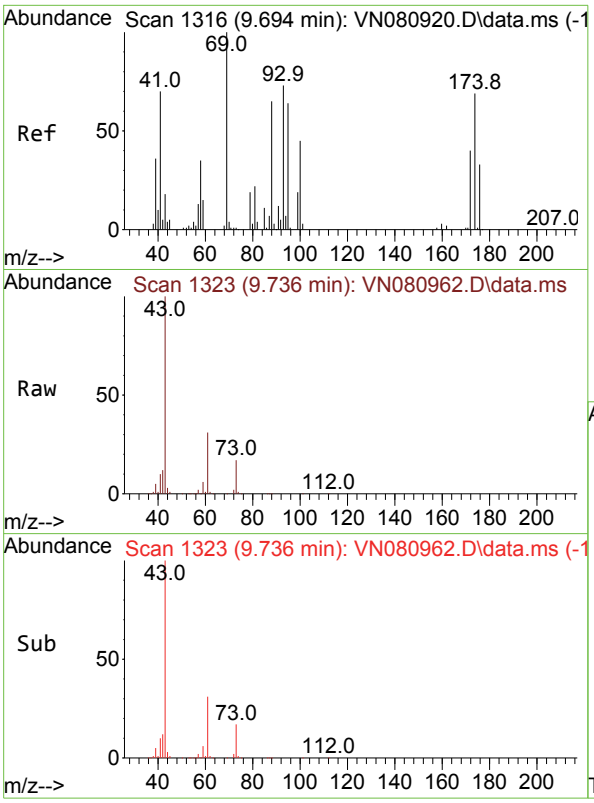


#48
Methyl methacrylate
Concen: 1.651 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.018 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Tgt Ion: 41 Resp: 6712

Ion	Ratio	Lower	Upper
41	100		
69	0.0	62.2	93.2#
39	0.0	47.6	71.4#



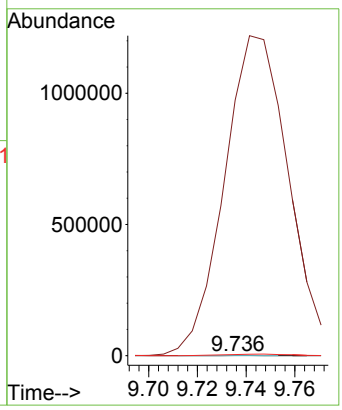


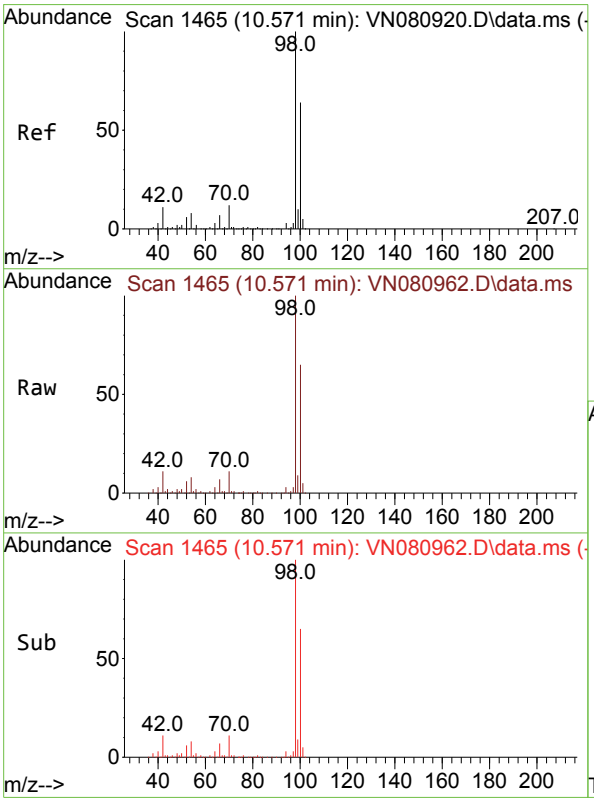
#49
1,4-Dioxane
Concen: 5.793 ug/l
RT: 9.736 min Scan# 1
Delta R.T. 0.041 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 435

Ion	Ratio	Lower	Upper
88	100		
43	517665.1	30.1	45.1#
58	2528.0	63.9	95.9#

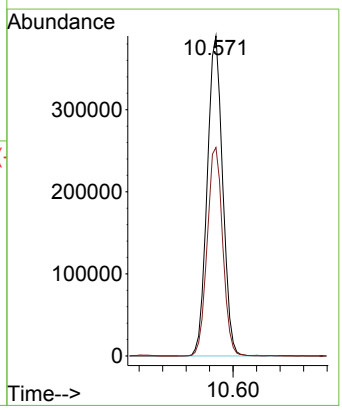


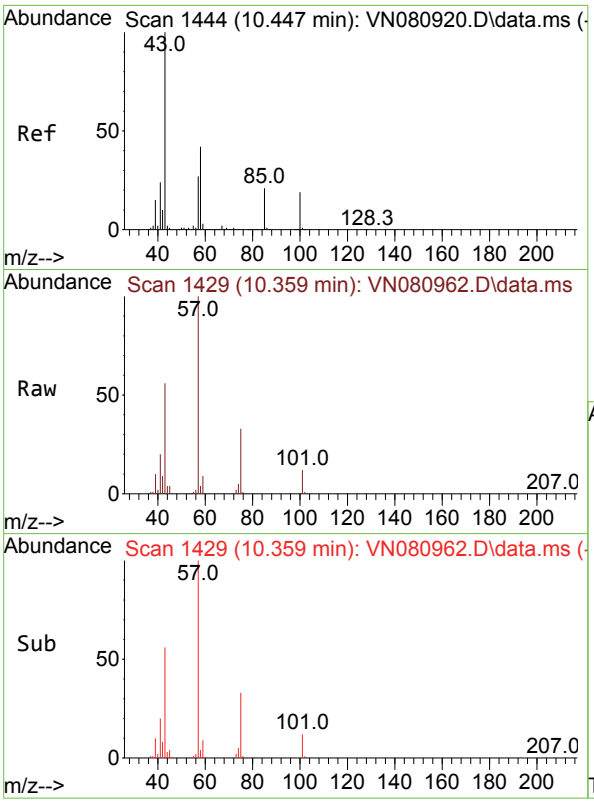


#50
Toluene-d8
Concen: 56.212 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Tgt Ion: 98 Resp: 708977

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.4	77.0



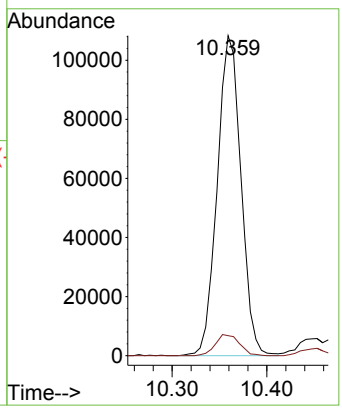


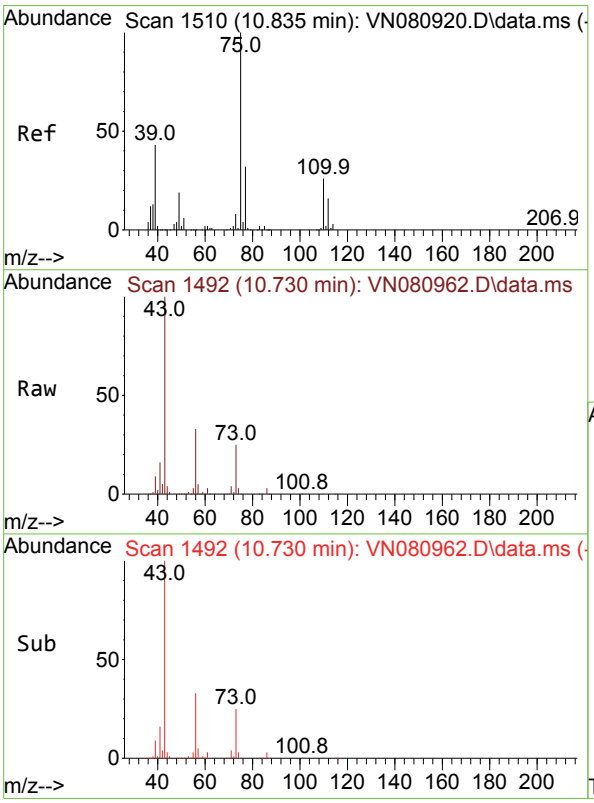
#51
4-Methyl-2-Pentanone
Concen: 43.420 ug/l
RT: 10.359 min Scan# 14
Delta R.T. -0.088 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 188865

Ion	Ratio	Lower	Upper
43	100		
58	6.7	29.4	44.0#

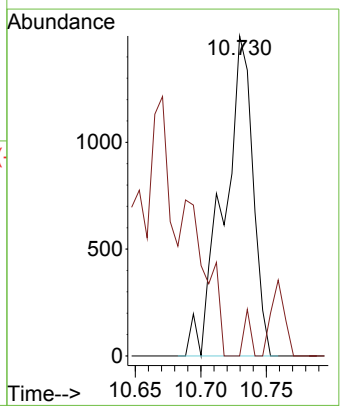


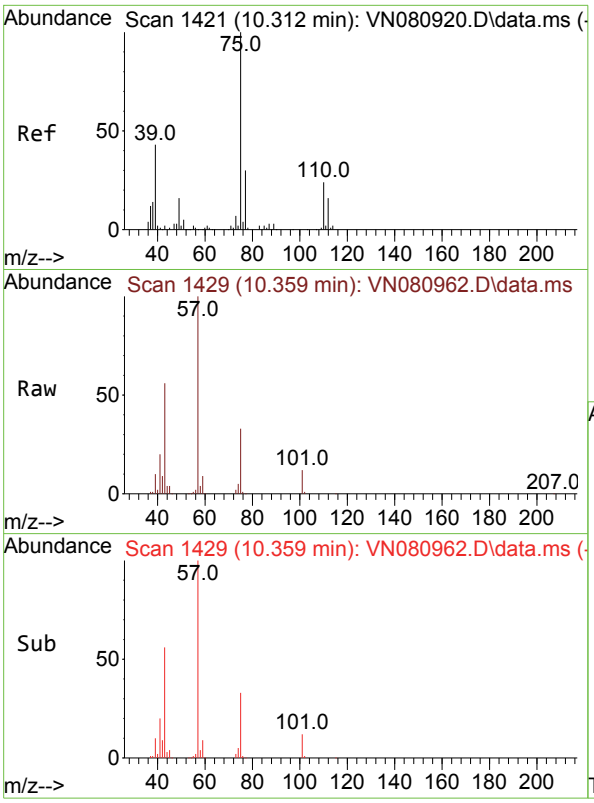


#53
t-1,3-Dichloropropene
Concen: 0.389 ug/l
RT: 10.730 min Scan# 1492
Delta R.T. -0.106 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Tgt Ion: 75 Resp: 2318

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.5	38.3#



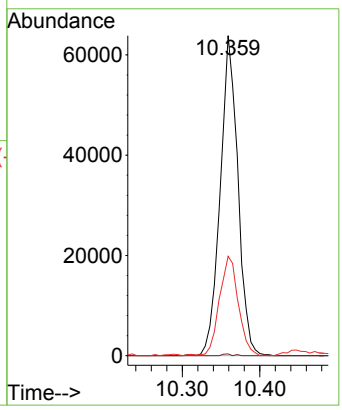


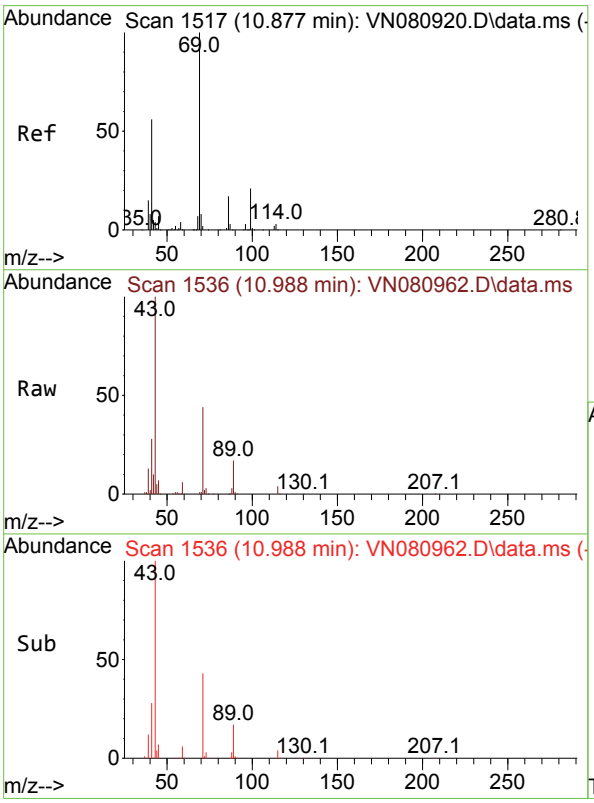
#54
cis-1,3-Dichloropropene
Concen: 15.130 ug/l
RT: 10.359 min Scan# 14
Delta R.T. 0.047 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 101264

Ion	Ratio	Lower	Upper
75	100		
77	0.6	23.3	34.9#
39	30.7	44.6	66.8#

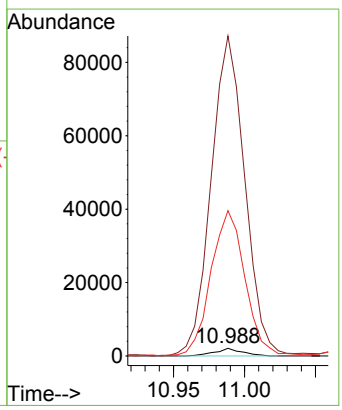


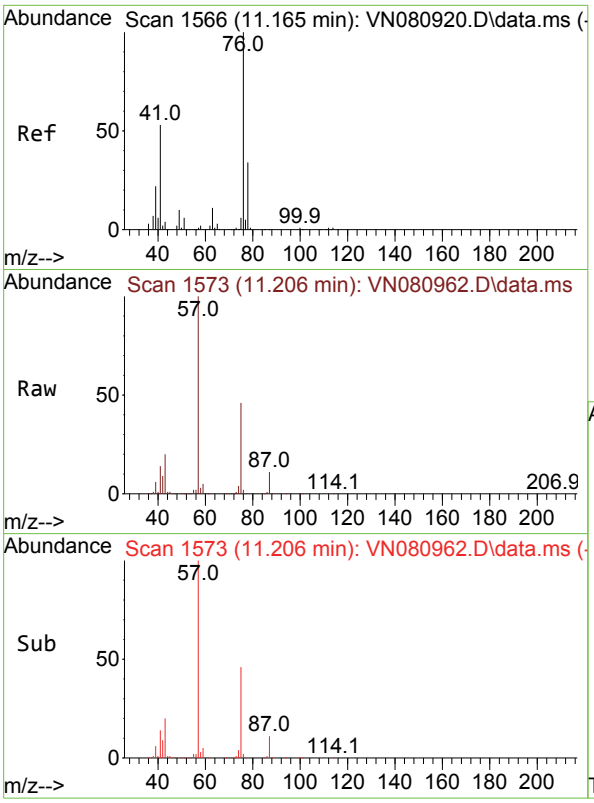


#56
Ethyl methacrylate
Concen: 0.568 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.111 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Tgt Ion: 69 Resp: 2778

Ion	Ratio	Lower	Upper
69	100		
41	5203.4	61.0	91.6#
39	2384.5	31.8	47.6#



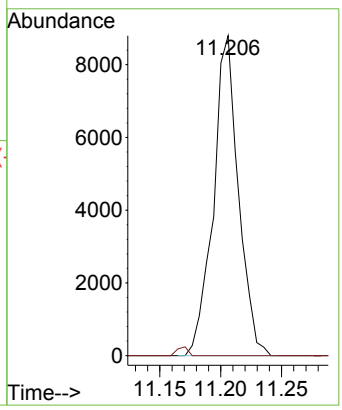


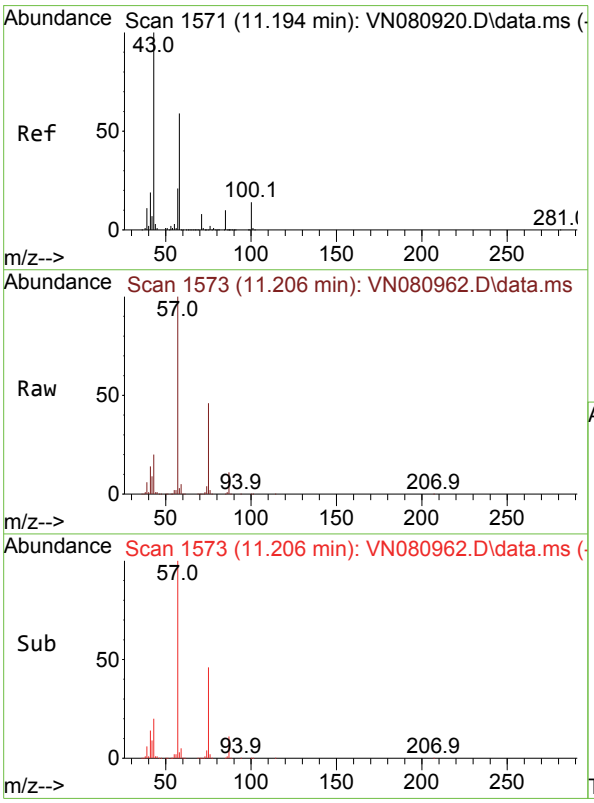
#57
1,3-Dichloropropane
Concen: 1.898 ug/l
RT: 11.206 min Scan# 1
Delta R.T. 0.041 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 12586

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#

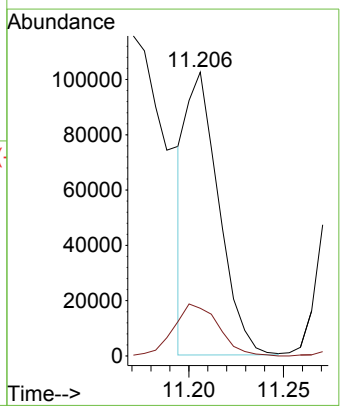


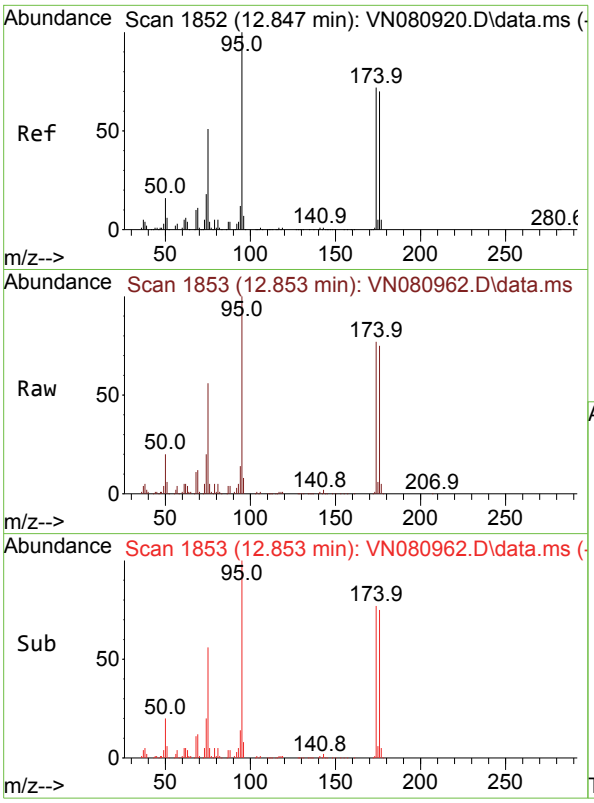


#59
2-Hexanone
Concen: 37.241 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.012 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Tgt Ion: 43 Resp: 122776

Ion	Ratio	Lower	Upper
43	100		
58	25.5	25.9	77.8#



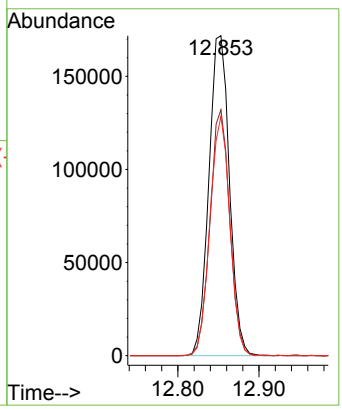


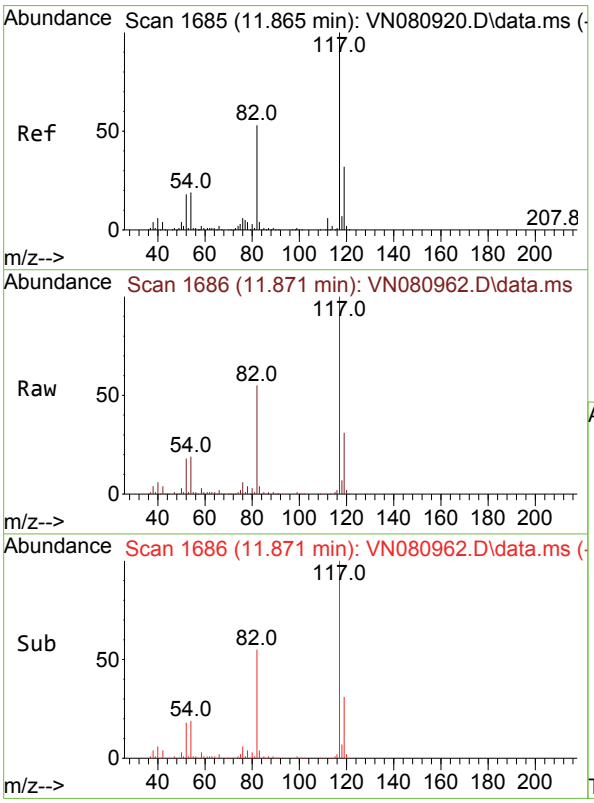
#62
4-Bromofluorobenzene
Concen: 66.024 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 302512

Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	120.4
176	72.2	0.0	121.0

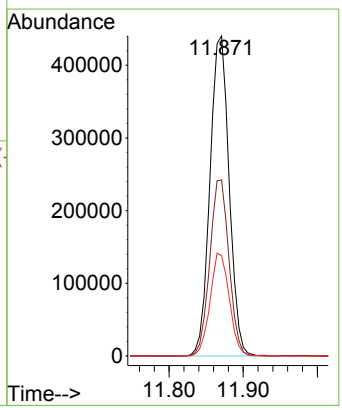


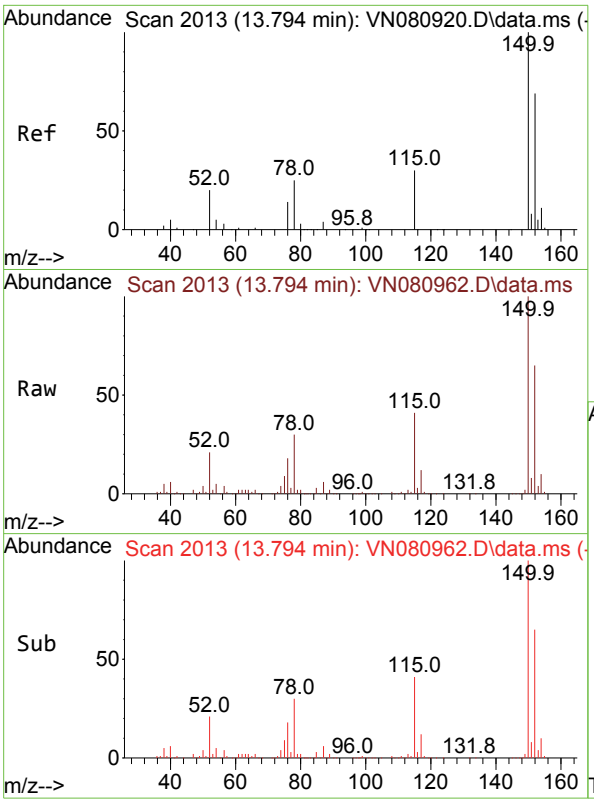


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Tgt Ion:117 Resp: 790678

Ion	Ratio	Lower	Upper
117	100		
82	55.0	52.7	79.1
119	31.3	25.3	37.9



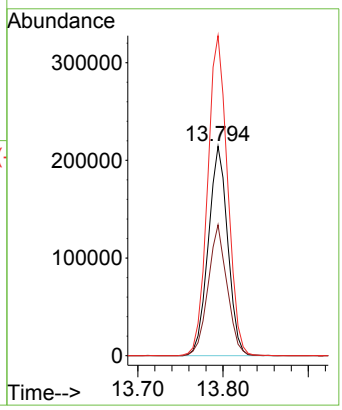


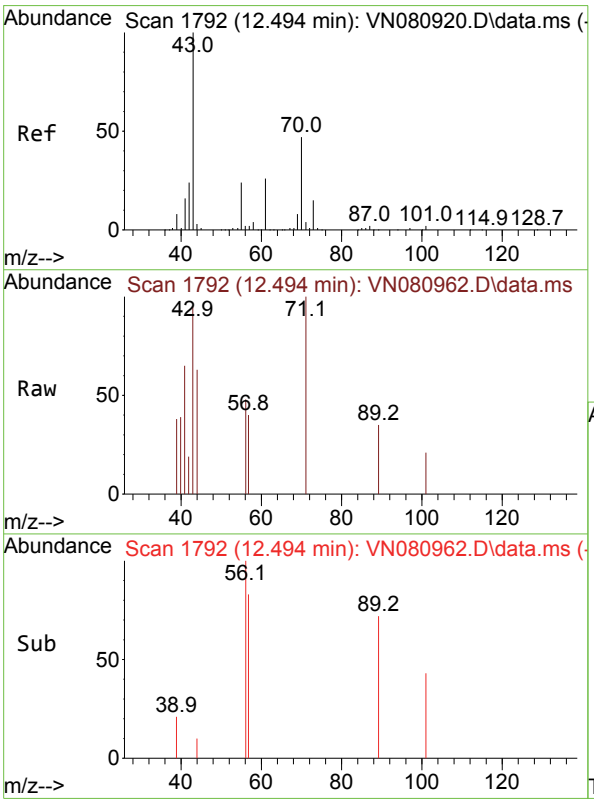
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 338620

Ion	Ratio	Lower	Upper
152	100		
115	61.4	32.3	96.8
150	156.6	0.0	339.8

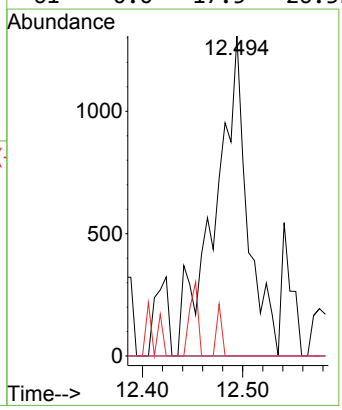


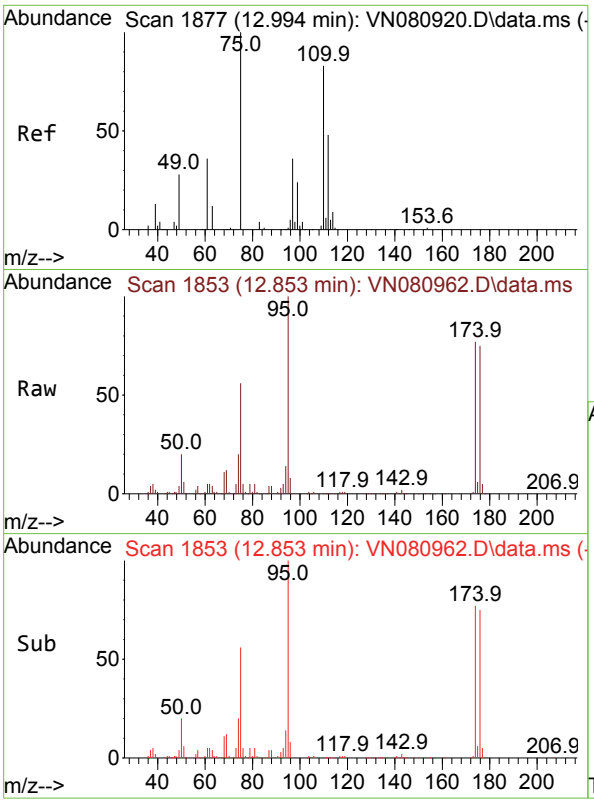


#74
N-amyl acetate
Concen: 0.311 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Tgt Ion: 43 Resp: 2953

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.1	45.1#
55	2.5	17.0	25.4#
61	0.0	17.5	26.3#



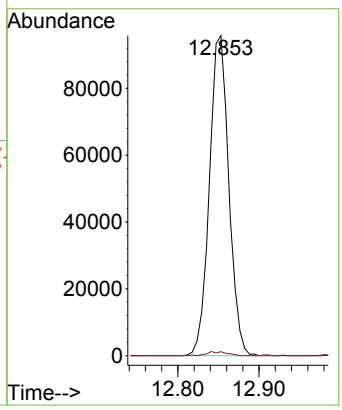


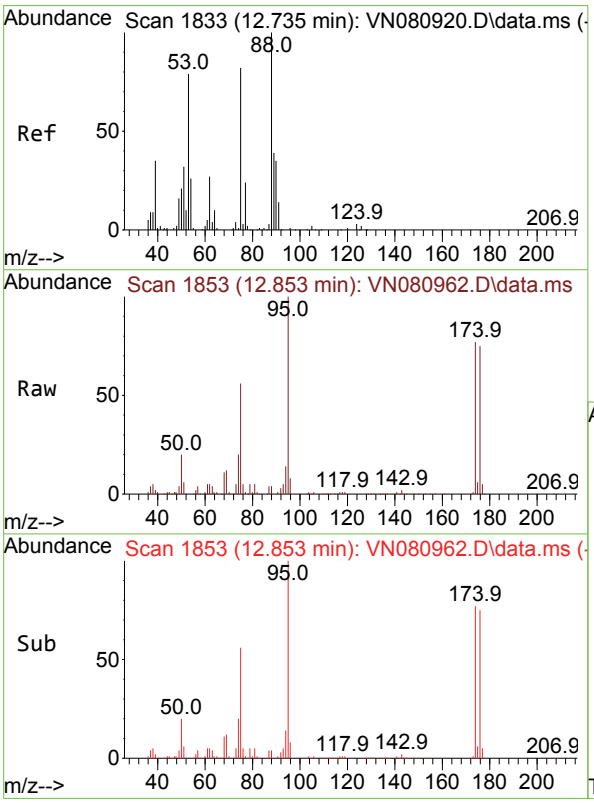
#76
1,2,3-Trichloropropane
Concen: 23.070 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 159284

Ion	Ratio	Lower	Upper
75	100		
77	1.3	91.0	272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.679 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080962.D
Acq: 08 Feb 2024 14:34

Tgt Ion: 75 Resp: 159284

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.4	107.2#
89	0.0	33.4	50.0#