Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121423\
Data File : VN080490.D
Acq On : 14 Dec 2023 18:13
Operator : JC\MD
Sample : 05791-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 15 00:31:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	239689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	445507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	474405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	168132	54.920	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.840%			
35) Dibromofluoromethane	8.165	113	140051	49.581	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.160%			
50) Toluene-d8	10.570	98	505856	48.018	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.040%			
62) 4-Bromofluorobenzene	12.847	95	214163	53.537	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.080%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	2918	0.511	ug/l	95
5) Bromomethane	2.977	94	254	0.215	ug/l #	4
11) Tert butyl alcohol	5.518	59	840	2.330	ug/l #	72
13) Acrolein	4.189	56	579	1.466	ug/l #	54
16) Acetone	4.424	43	58044	106.931	ug/l	95
18) Methyl Acetate	5.018	43	3510	1.005	ug/l #	54
20) Methylene Chloride	5.283	84	19588	6.743	ug/l	94
23) Vinyl Acetate	6.465	43	2047	0.518	ug/l #	62
25) 2-Butanone	7.494	43	5958	5.698	ug/l	99
31) Cyclohexane	8.218	56	5440	1.307	ug/l #	49
36) 1,1-Dichloropropene	8.224	75	19583	4.240	ug/l #	49
37) Ethyl Acetate	7.559	43	2713	0.938	ug/l #	94
38) Carbon Tetrachloride	8.224	117	26947	4.883	ug/l #	18
42) 1,2-Dichloroethane	8.671	62	1086	0.220	ug/l #	73
43) Isopropyl Acetate	8.688	43	121852	23.432	ug/l #	89
48) Methyl methacrylate	9.741	41	103819	33.455	ug/l #	28
49) 1,4-Dioxane	9.729	88	80	1.701	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	8319	2.905	ug/l	91
54) cis-1,3-Dichloropropene	10.359	75	52501	9.417	ug/l #	66
57) 1,3-Dichloropropane	11.206	76	6084	1.145	ug/l #	42
59) 2-Hexanone	11.200	43	74440	35.208	ug/l #	48
74) N-amyl acetate	12.476	43	1226	0.241	ug/l #	38
76) 1,2,3-Trichloropropane	12.847	75	120037	27.693	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	120037	72.711	ug/l #	15

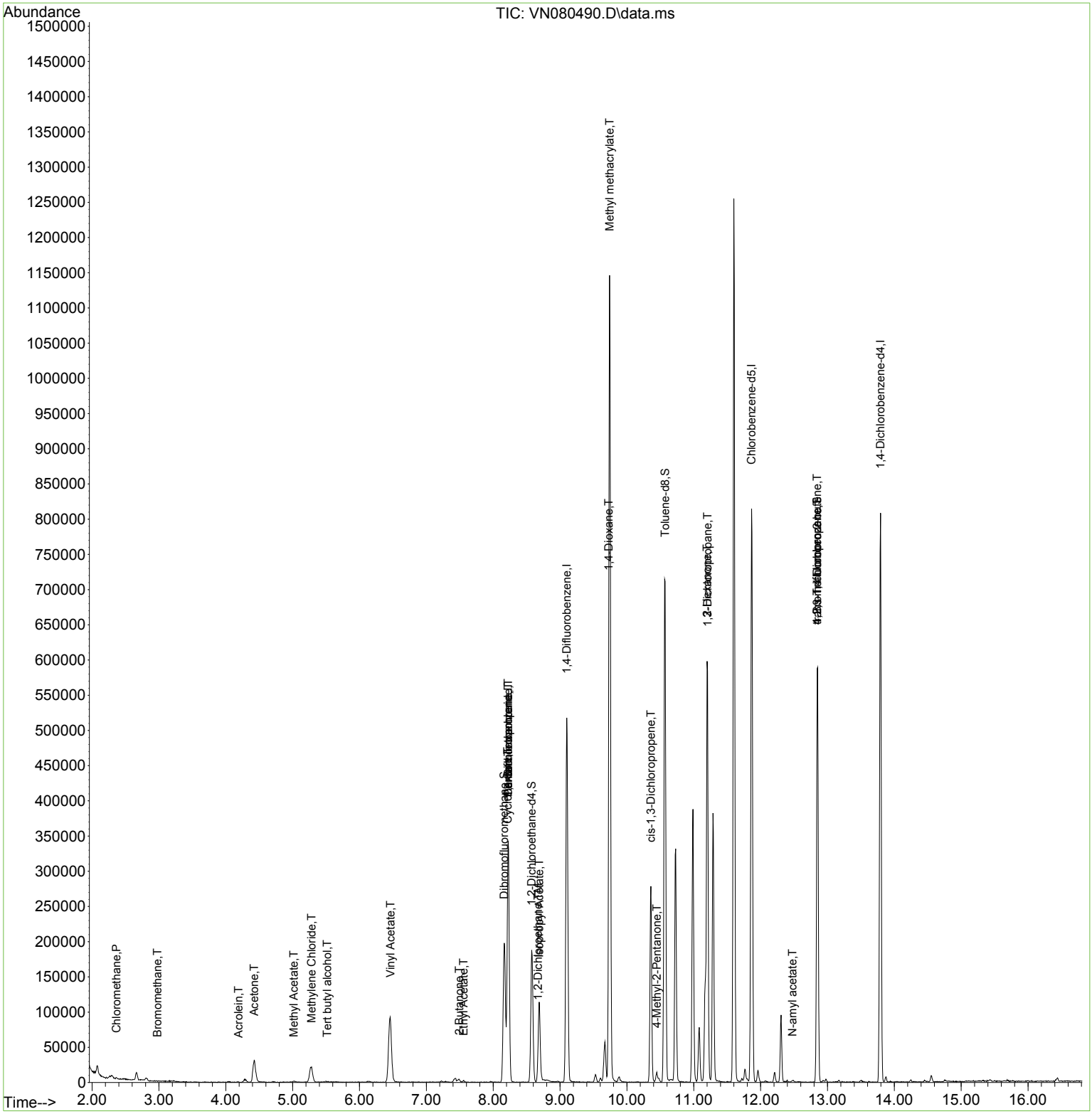
(#) = qualifier out of range (m) = manual integration (+) = signals summed

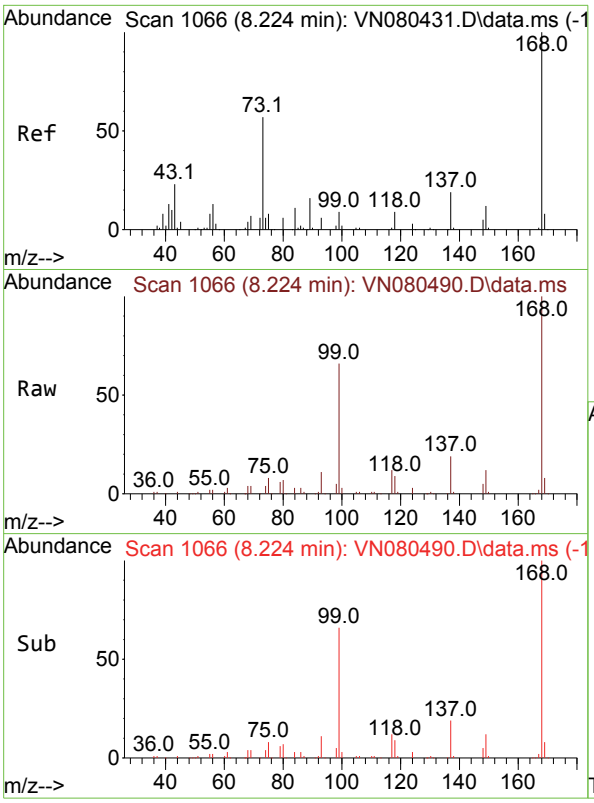
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121423\
Data File : VN080490.D
Acq On : 14 Dec 2023 18:13
Operator : JC\MD
Sample : 05791-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 15 00:31:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration



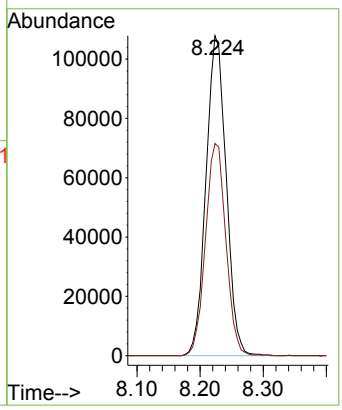


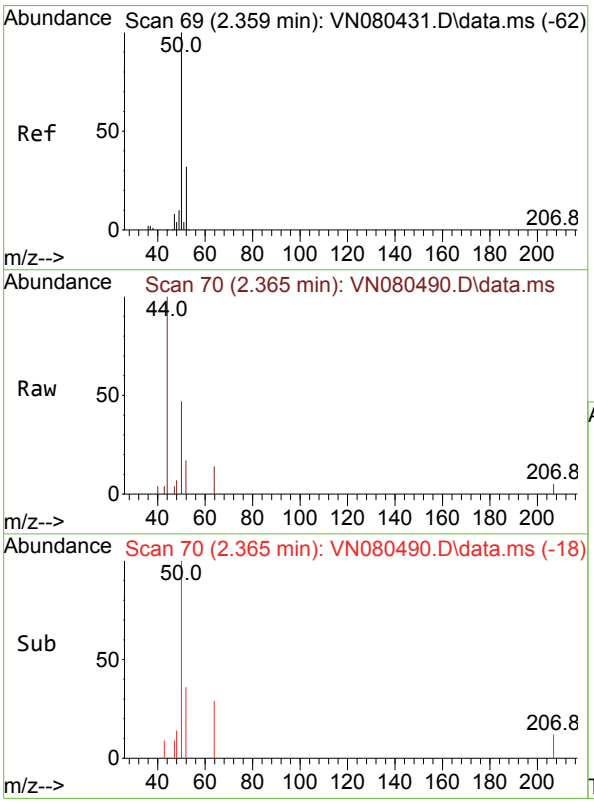
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 239689

Ion	Ratio	Lower	Upper
168	100		
99	66.3	53.0	79.6

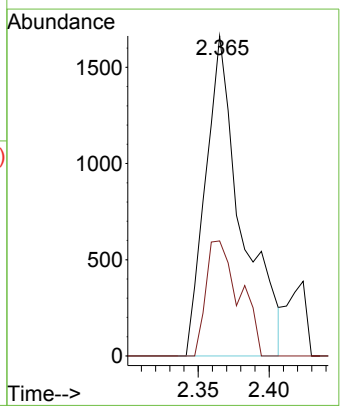


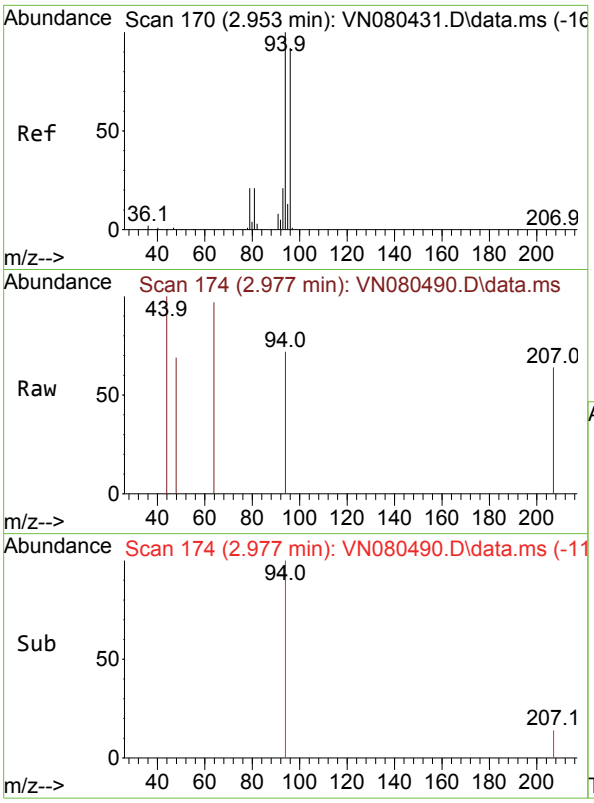


#3
Chloromethane
Concen: 0.511 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Tgt Ion: 50 Resp: 2918

Ion	Ratio	Lower	Upper
50	100		
52	36.0	26.5	39.7



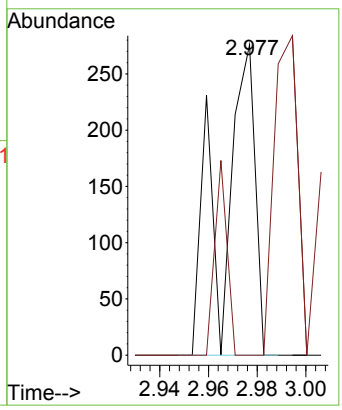


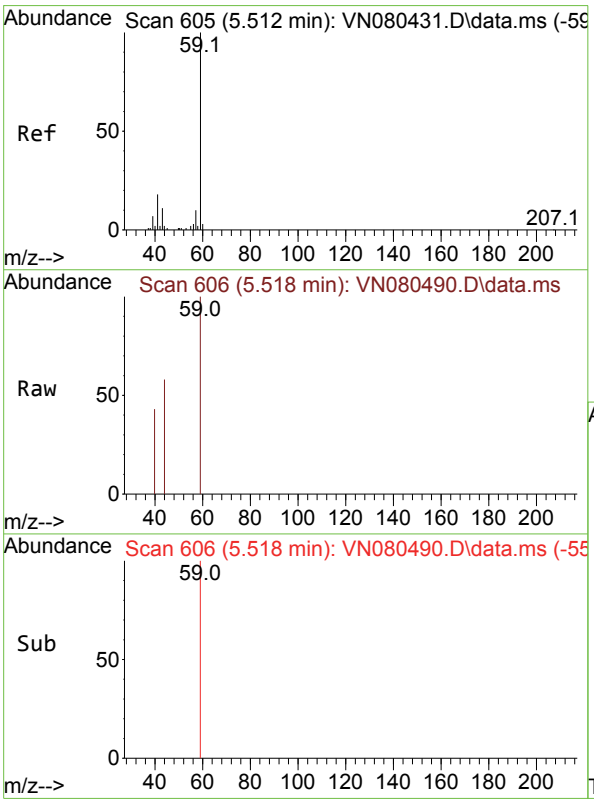
#5
Bromomethane
Concen: 0.215 ug/l
RT: 2.977 min Scan# 1
Delta R.T. 0.024 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 254

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.1	109.7#

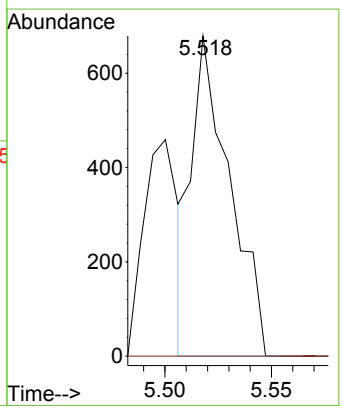


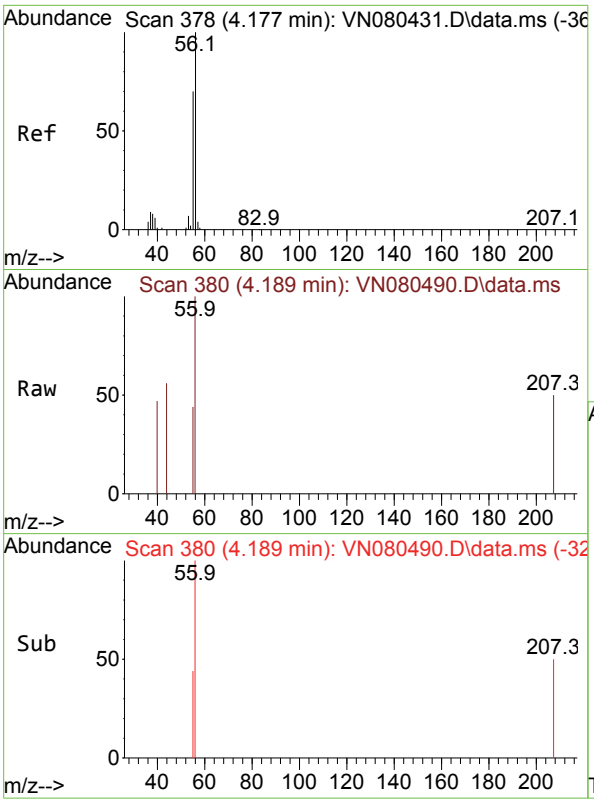


#11
Tert butyl alcohol
Concen: 2.330 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Tgt Ion: 59 Resp: 840

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



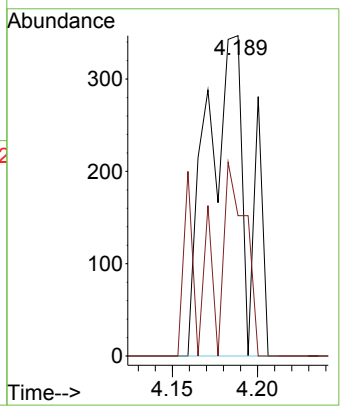


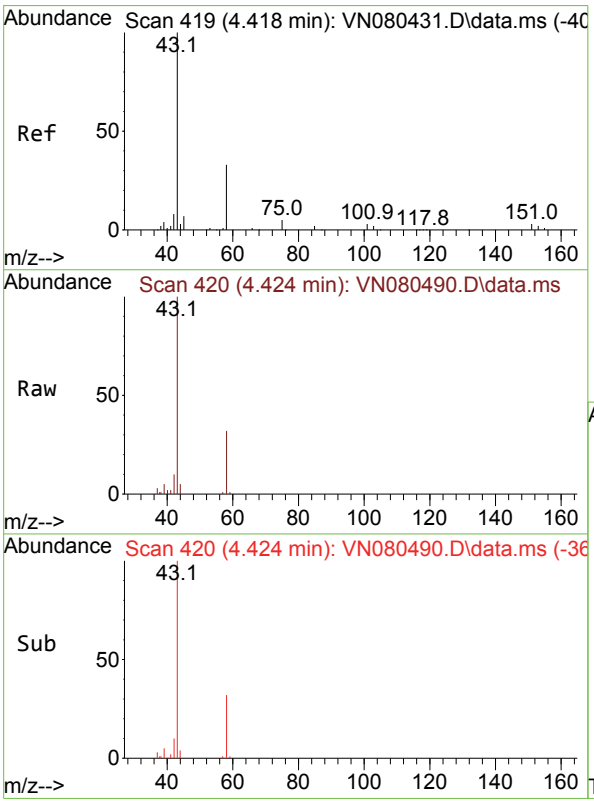
#13
Acrolein
Concen: 1.466 ug/l
RT: 4.189 min Scan# 3
Delta R.T. 0.012 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 579

Ion	Ratio	Lower	Upper
56	100		
55	31.3	54.5	81.7#

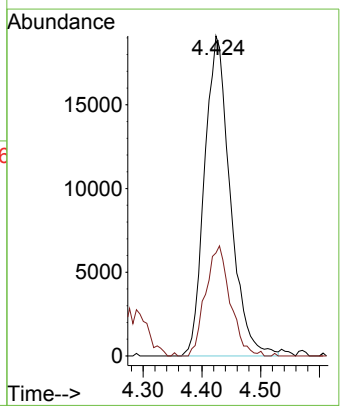


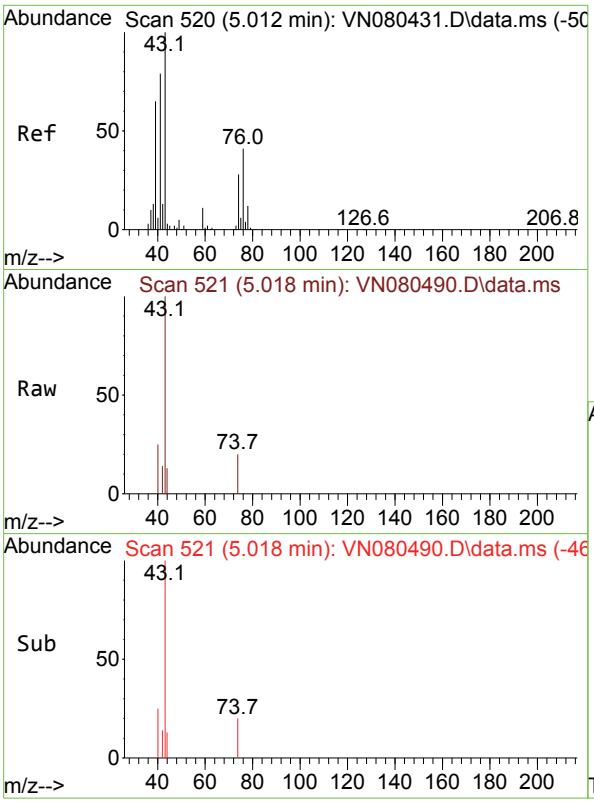


#16
Acetone
Concen: 106.931 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Tgt Ion: 43 Resp: 58044

Ion	Ratio	Lower	Upper
43	100		
58	32.2	28.0	42.0



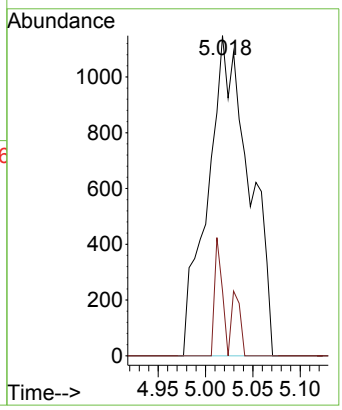


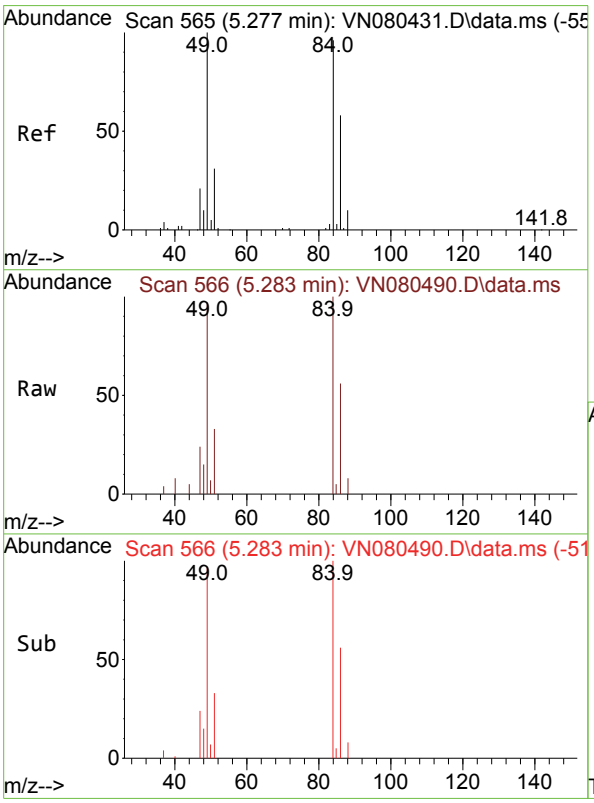
#18
Methyl Acetate
Concen: 1.005 ug/l
RT: 5.018 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3510

Ion	Ratio	Lower	Upper
43	100		
74	6.6	26.2	39.4#

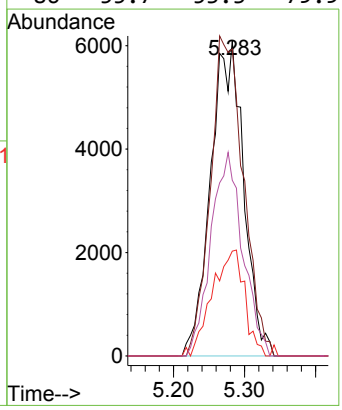


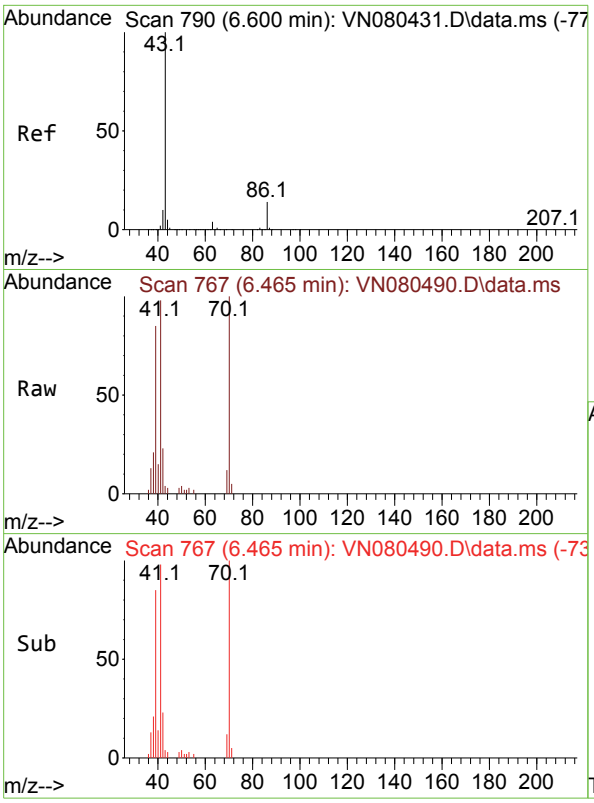


#20
Methylene Chloride
Concen: 6.743 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Tgt Ion: 84 Resp: 19588

Ion	Ratio	Lower	Upper
84	100		
49	97.2	79.7	119.5
51	33.2	25.2	37.8
86	55.7	53.3	79.9



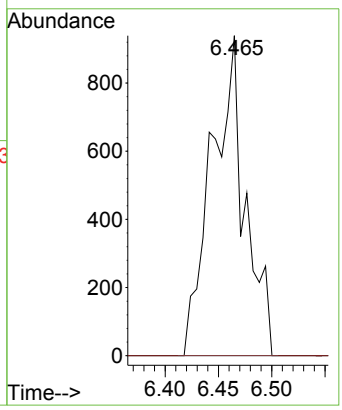


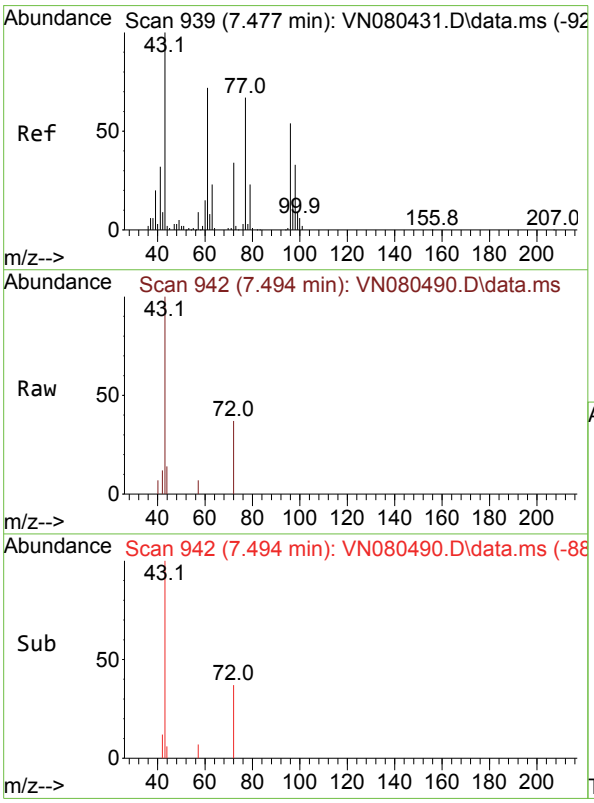
#23
Vinyl Acetate
Concen: 0.518 ug/l
RT: 6.465 min Scan# 7
Delta R.T. -0.135 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2047

Ion	Ratio	Lower	Upper
43	100		
86	0.0	13.0	19.6#

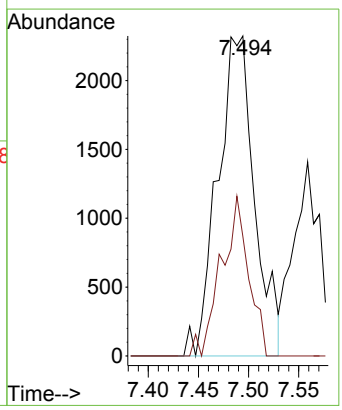


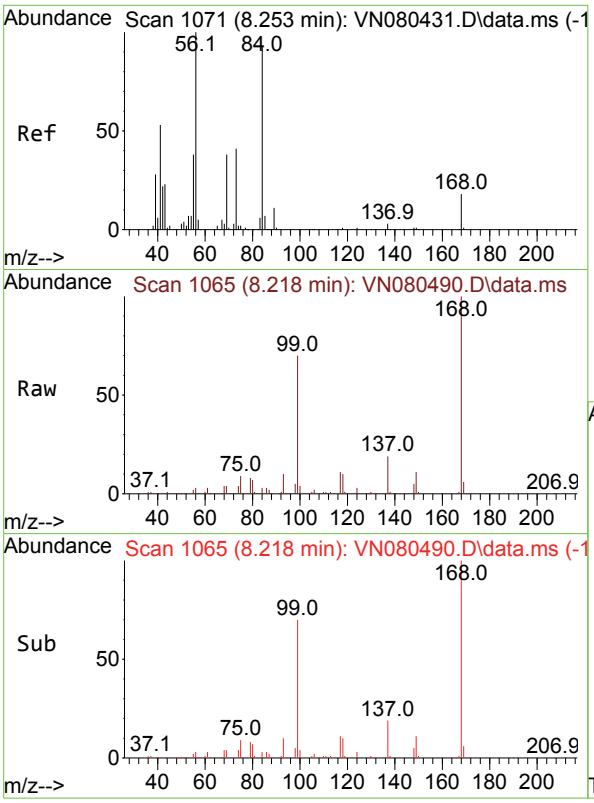


#25
2-Butanone
Concen: 5.698 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Tgt Ion: 43 Resp: 5958

Ion	Ratio	Lower	Upper
43	100		
72	37.4	30.2	45.2



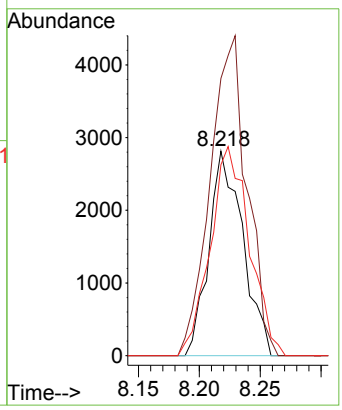


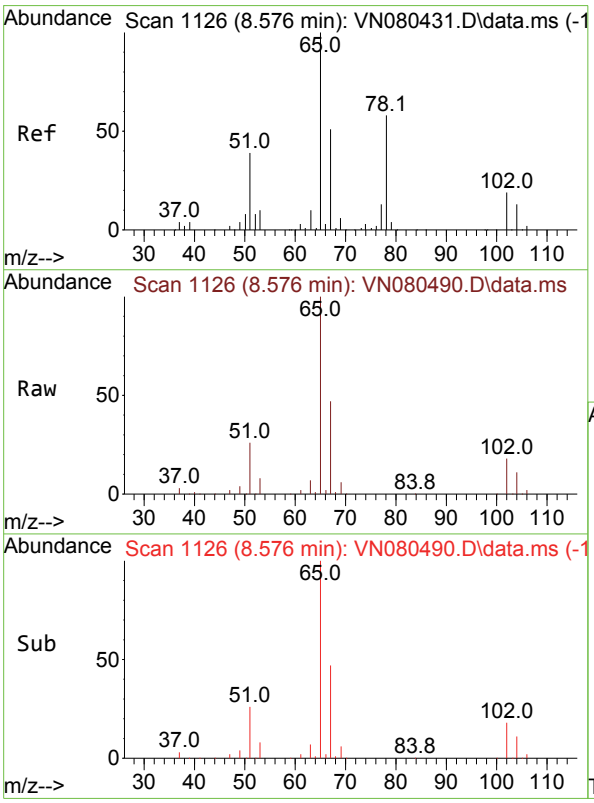
#31
Cyclohexane
Concen: 1.307 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 5440

Ion	Ratio	Lower	Upper
56	100		
69	135.6	26.8	40.2#
84	93.4	81.8	122.6

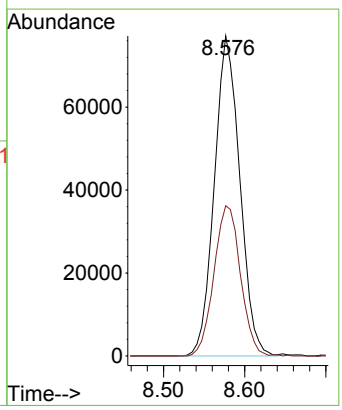


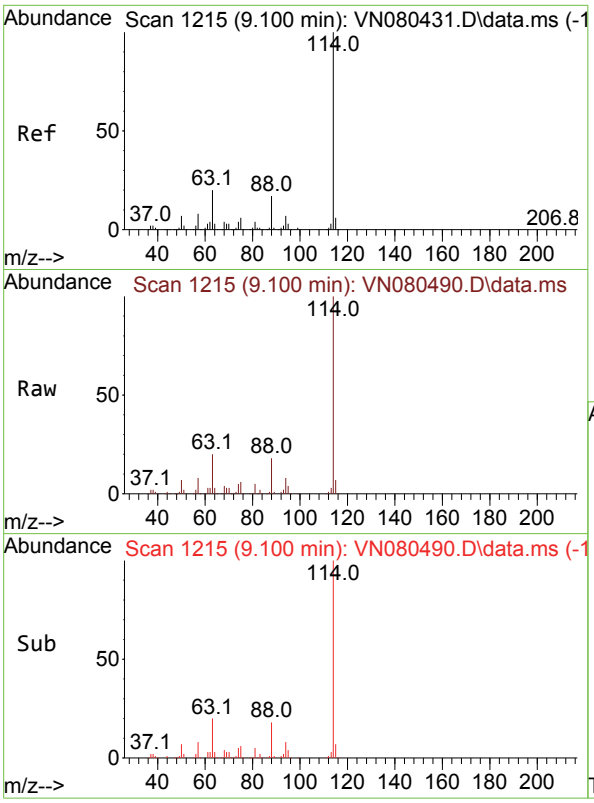


#33
1,2-Dichloroethane-d4
Concen: 54.920 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Tgt Ion: 65 Resp: 168132

Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	106.6



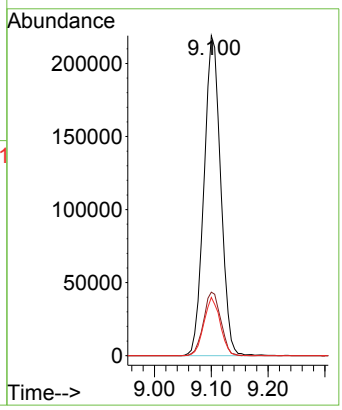


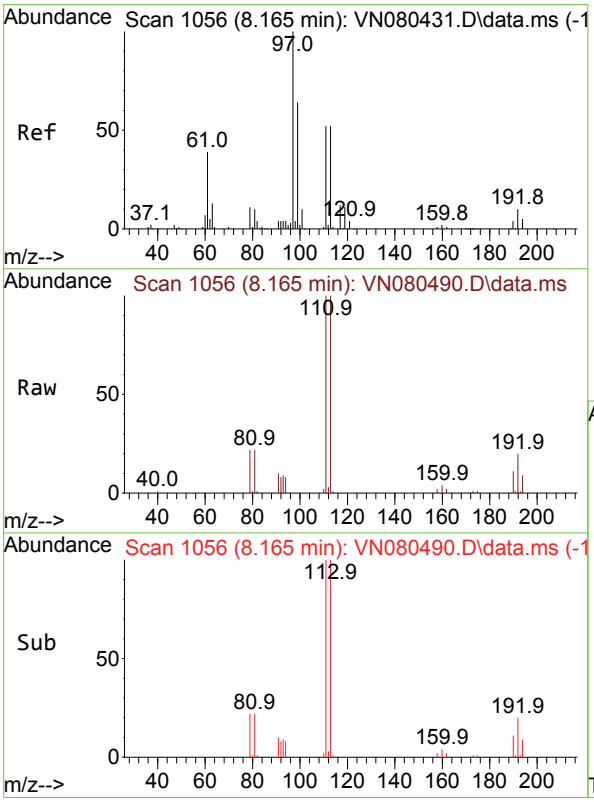
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 445507

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	36.4
88	18.2	0.0	30.6

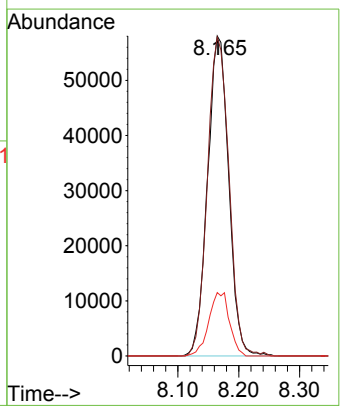


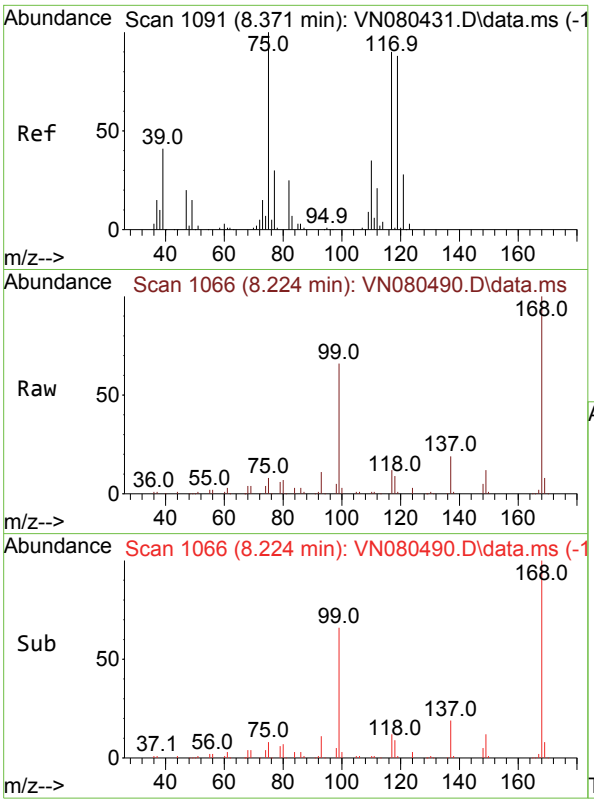


#35
Dibromofluoromethane
Concen: 49.581 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Tgt Ion:113 Resp: 140051

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	123.8
192	19.5	12.7	19.1#



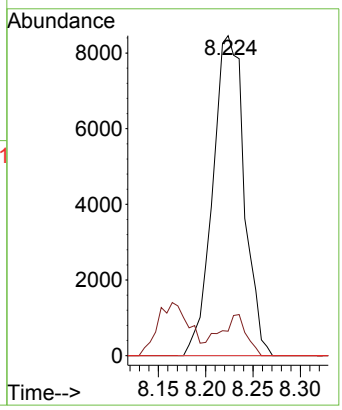


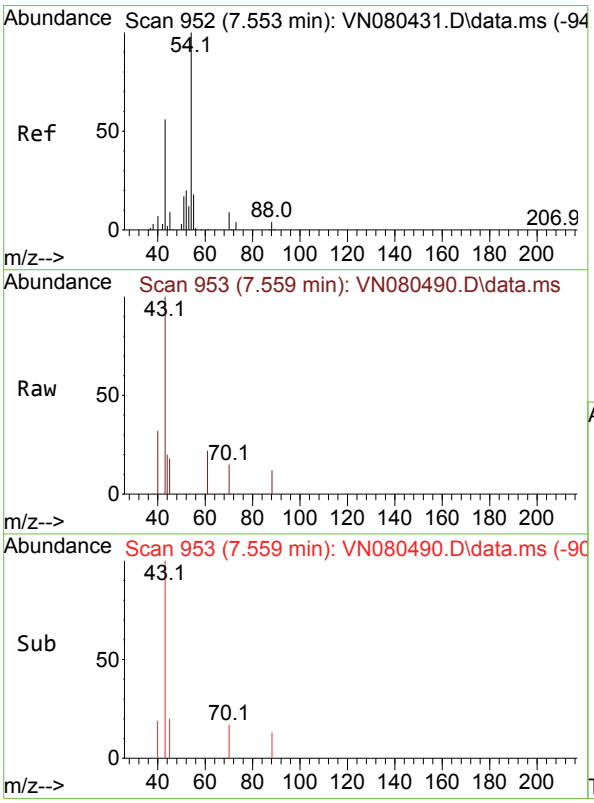
#36
1,1-Dichloropropene
Concen: 4.240 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 19583

Ion	Ratio	Lower	Upper
75	100		
110	10.5	19.1	57.3#
77	0.0	25.0	37.4#

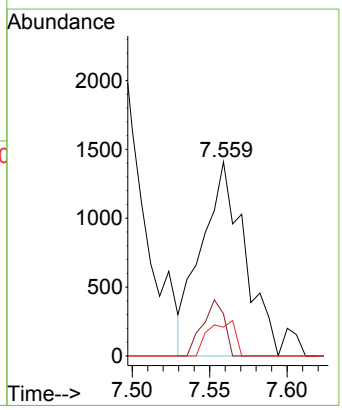


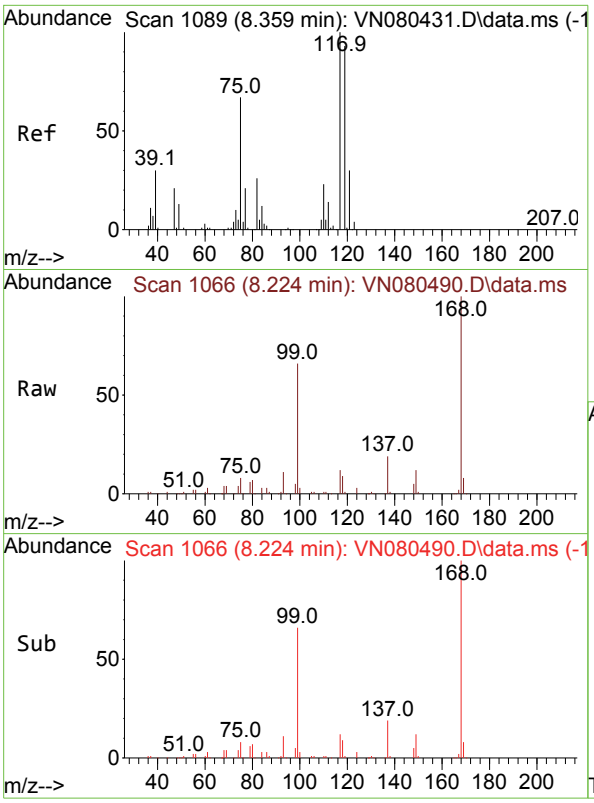


#37
Ethyl Acetate
Concen: 0.938 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Tgt Ion: 43 Resp: 2713

Ion	Ratio	Lower	Upper
43	100		
61	14.6	13.2	19.8
70	11.2	11.3	16.9#



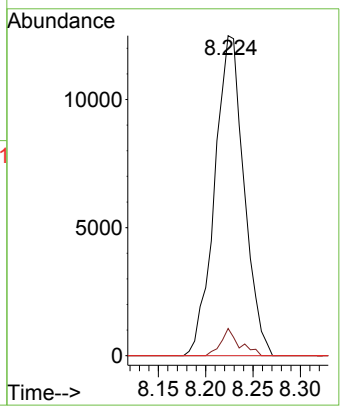


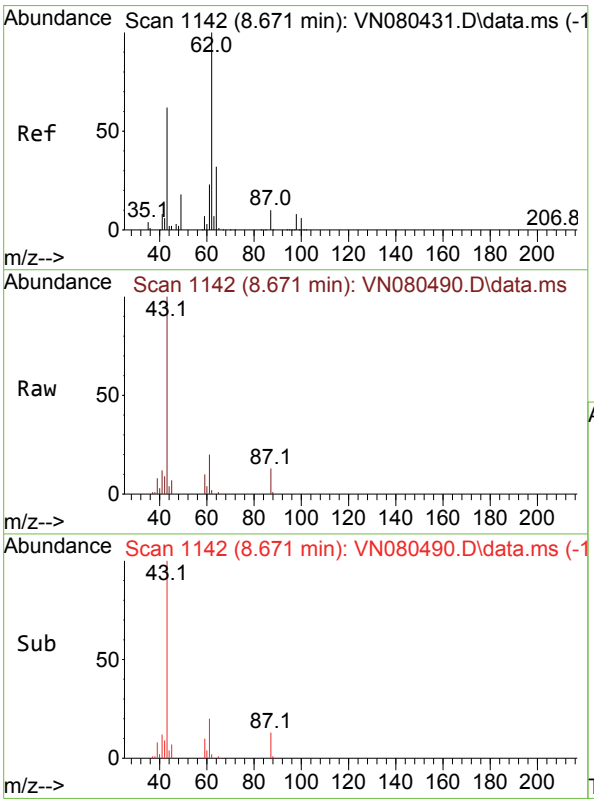
#38
Carbon Tetrachloride
Concen: 4.883 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 26947

Ion	Ratio	Lower	Upper
117	100		
119	8.5	77.3	115.9#
121	0.0	23.3	34.9#

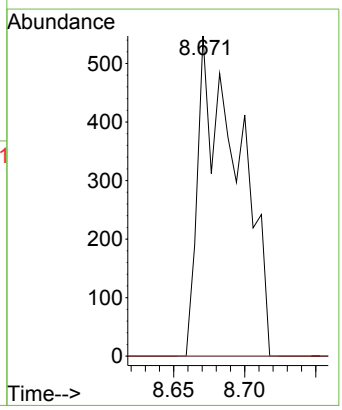


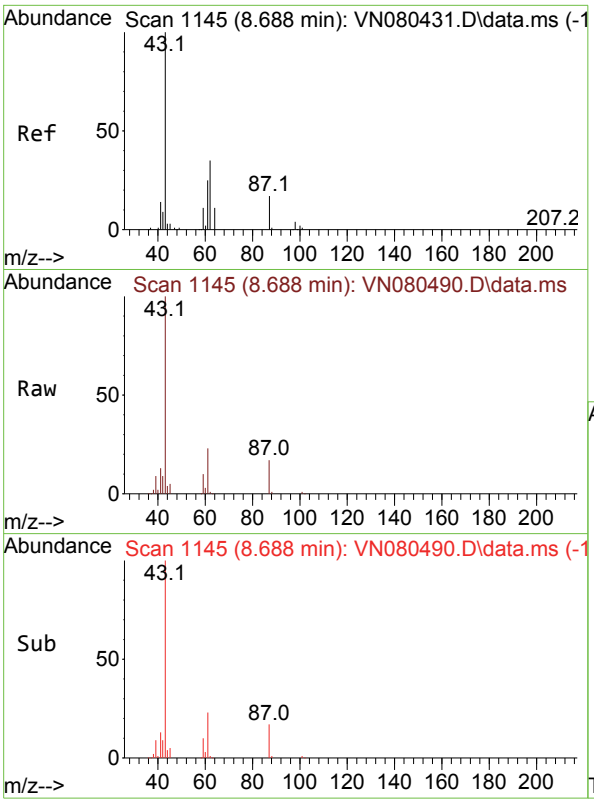


#42
1,2-Dichloroethane
Concen: 0.220 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Tgt Ion: 62 Resp: 1086

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.8



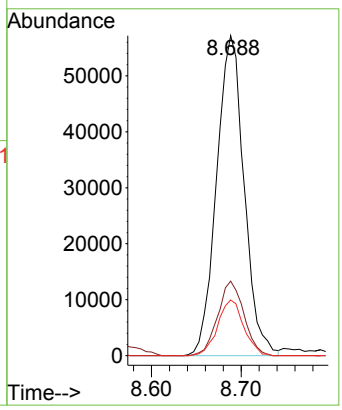


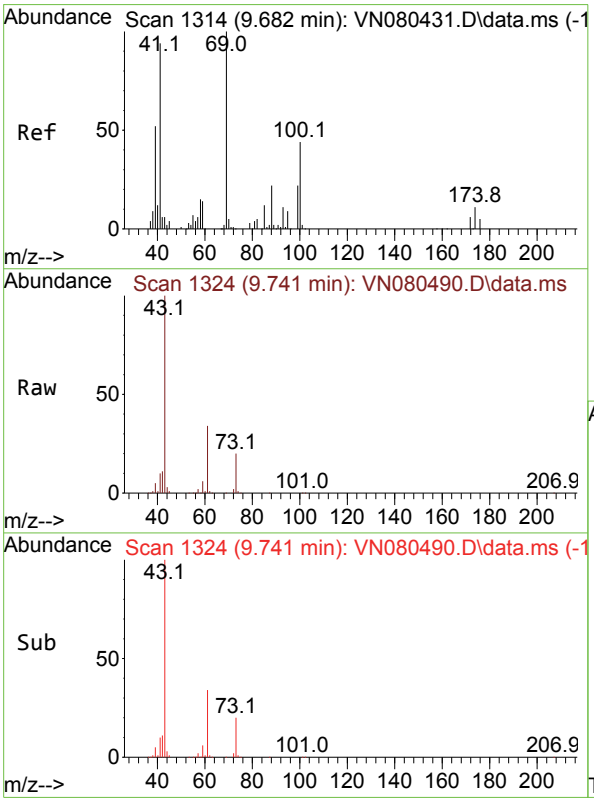
#43
Isopropyl Acetate
Concen: 23.432 ug/l
RT: 8.688 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 121852

Ion	Ratio	Lower	Upper
43	100		
61	22.1	24.7	37.1#
87	16.5	14.6	21.8

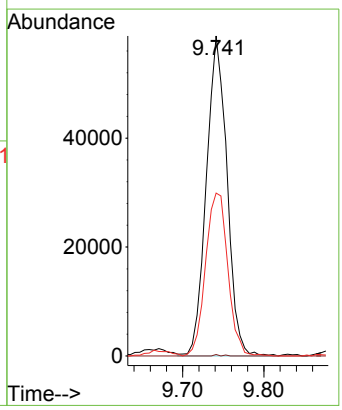


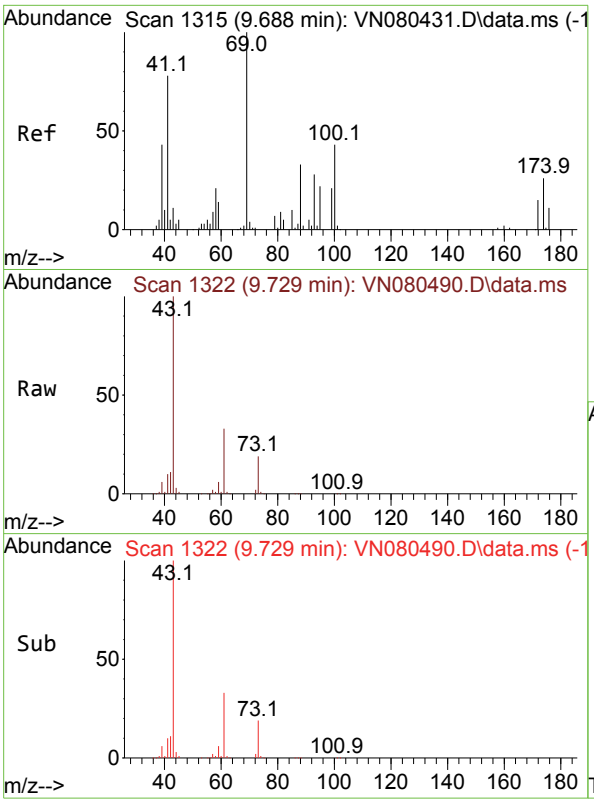


#48
Methyl methacrylate
Concen: 33.455 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.059 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Tgt Ion: 41 Resp: 103819

Ion	Ratio	Lower	Upper
41	100		
69	0.1	90.4	135.6#
39	54.9	54.6	81.8



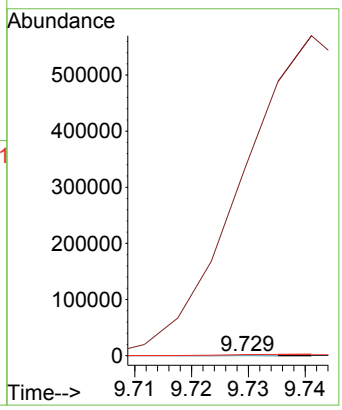


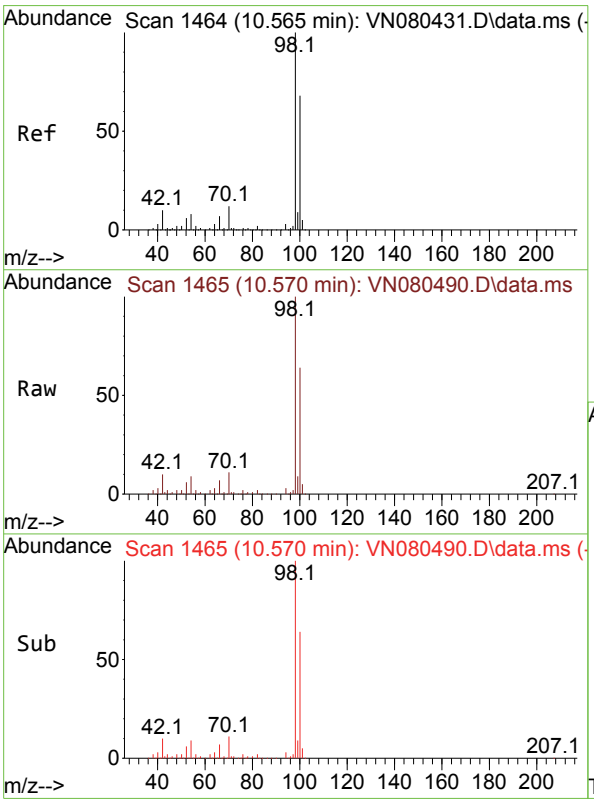
#49
1,4-Dioxane
Concen: 1.701 ug/l
RT: 9.729 min Scan# 1
Delta R.T. 0.041 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 80

Ion	Ratio	Lower	Upper
88	100		
43	0.0	17.0	25.6#
58	0.0	47.0	70.4#

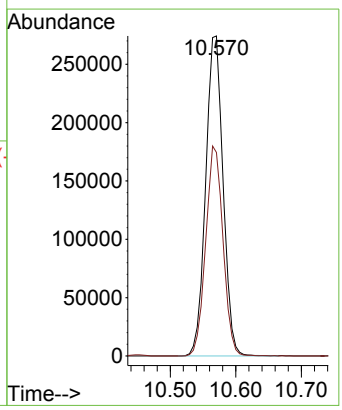


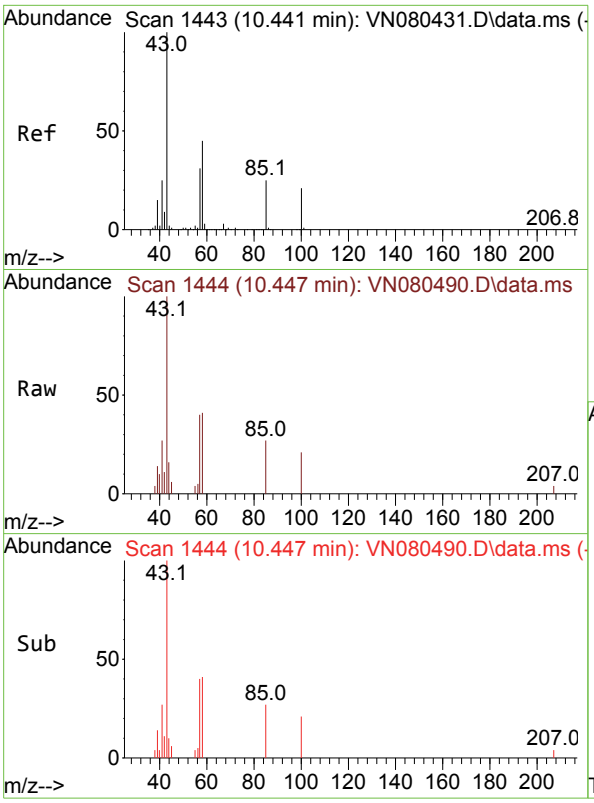


#50
Toluene-d8
Concen: 48.018 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Tgt Ion: 98 Resp: 505856

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.0	78.0



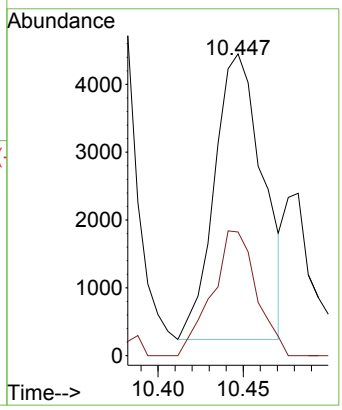


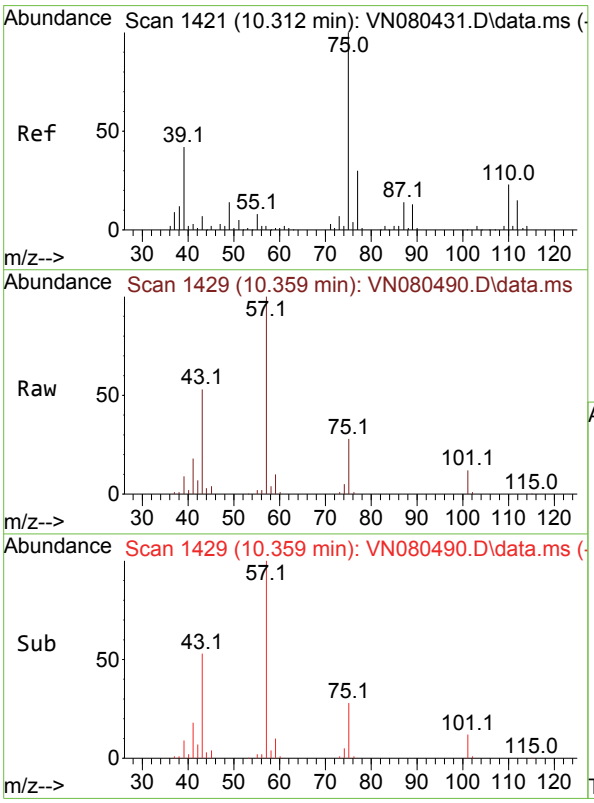
#51
4-Methyl-2-Pentanone
Concen: 2.905 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 8319

Ion	Ratio	Lower	Upper
43	100		
58	40.0	36.6	54.8

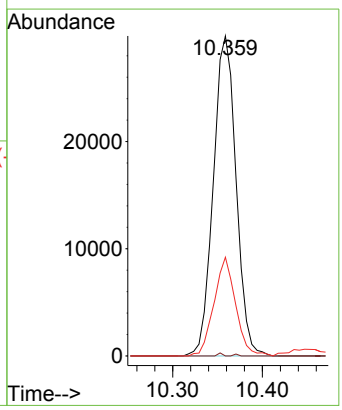


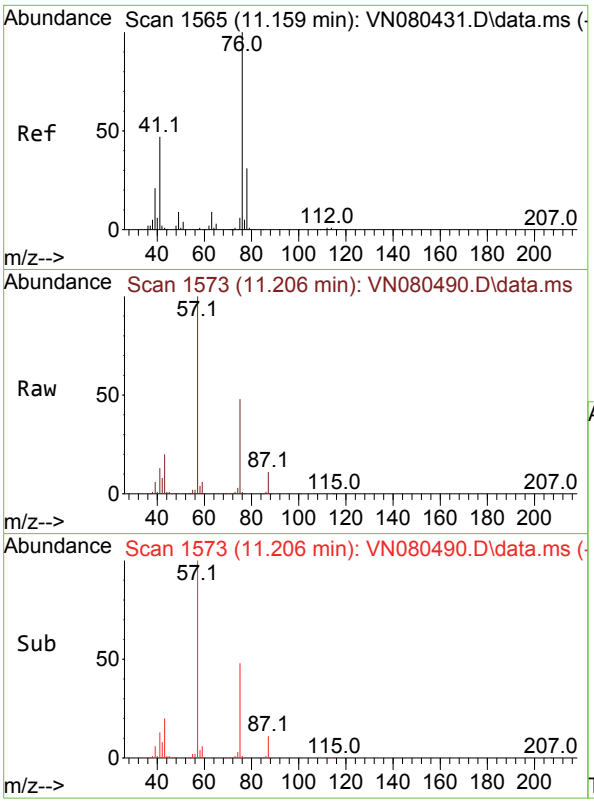


#54
cis-1,3-Dichloropropene
Concen: 9.417 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Tgt Ion: 75 Resp: 52501

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.1	39.1#
39	30.8	31.6	47.4#



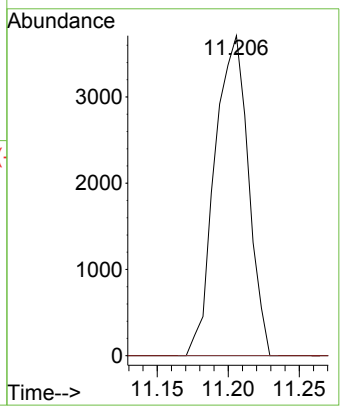


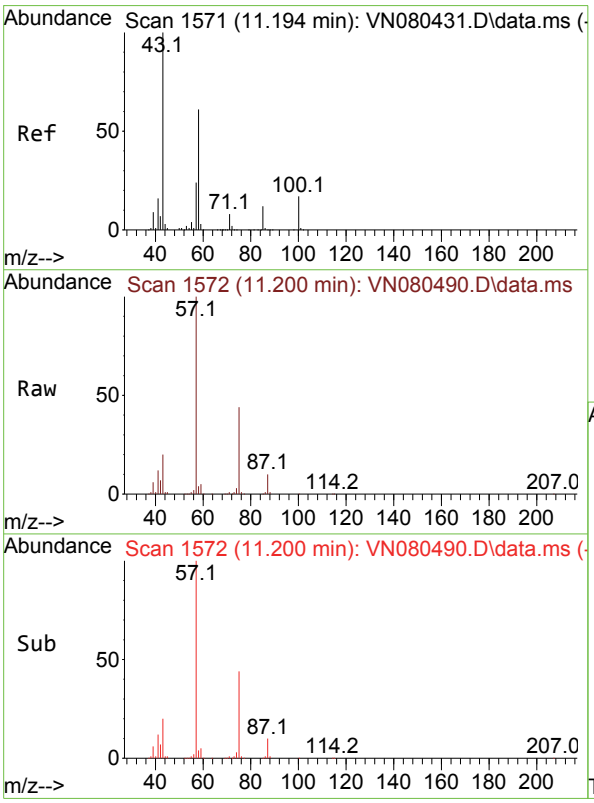
#57
1,3-Dichloropropane
Concen: 1.145 ug/l
RT: 11.206 min Scan# 1
Delta R.T. 0.047 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 6084

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.1	39.1#

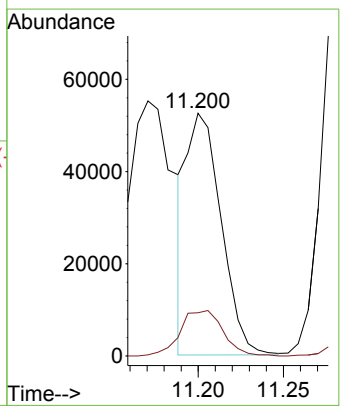


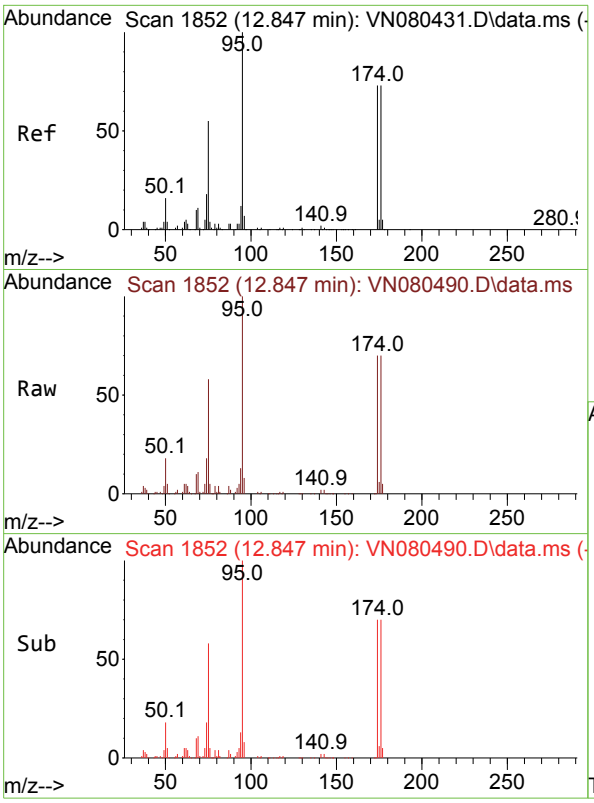


#59
2-Hexanone
Concen: 35.208 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Tgt Ion: 43 Resp: 74440

Ion	Ratio	Lower	Upper
43	100		
58	23.2	31.7	95.1#



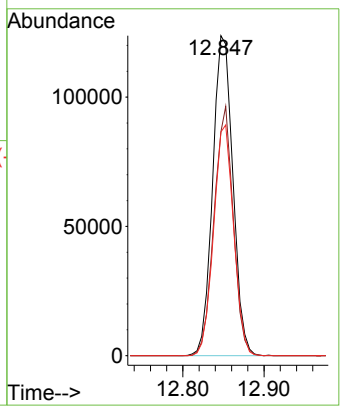


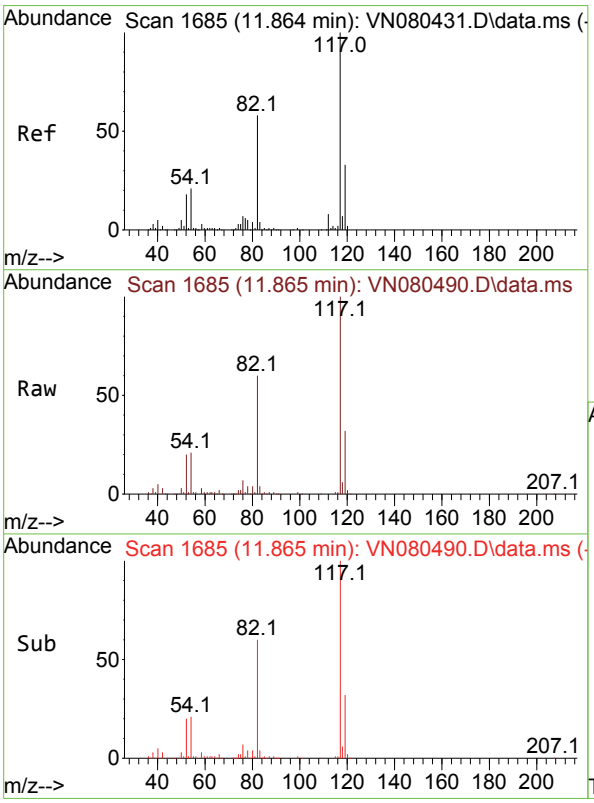
#62
4-Bromofluorobenzene
Concen: 53.537 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 214163

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	143.8
176	71.4	0.0	135.8

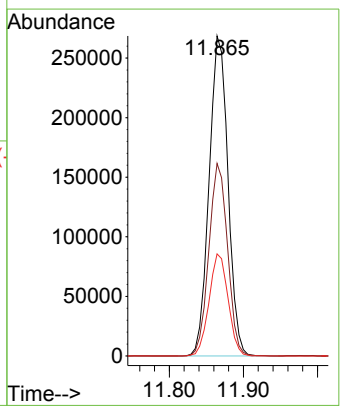


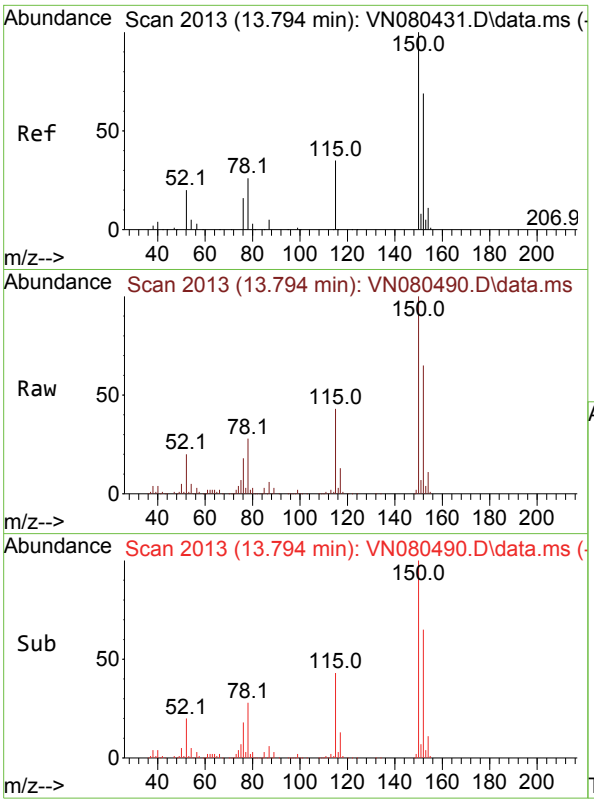


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Tgt Ion:117 Resp: 474405

Ion	Ratio	Lower	Upper
117	100		
82	60.2	44.0	66.0
119	31.9	25.6	38.4



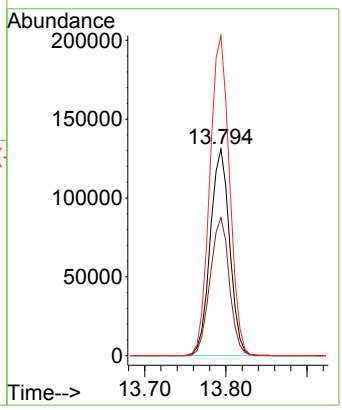


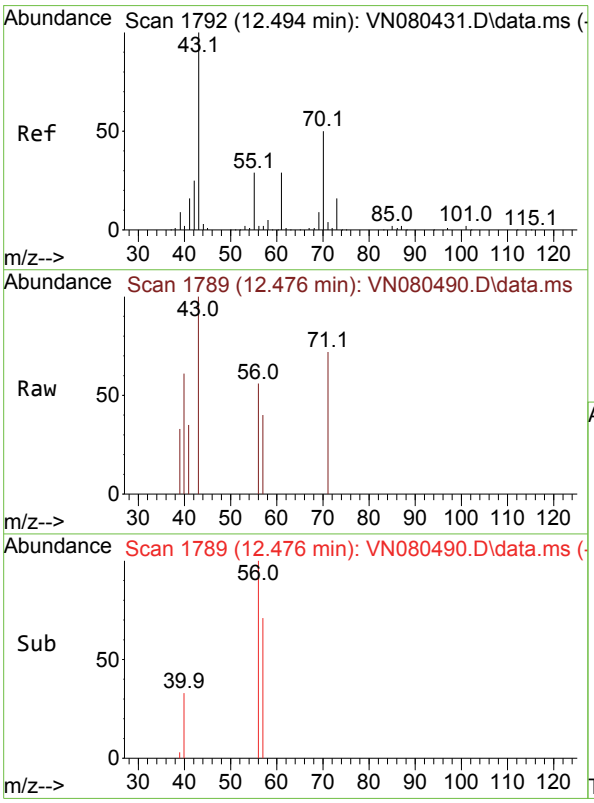
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 217273

Ion	Ratio	Lower	Upper
152	100		
115	66.2	32.3	96.8
150	157.3	0.0	355.8

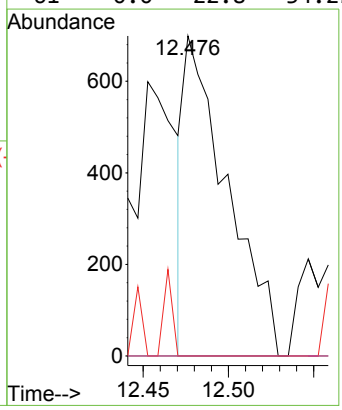


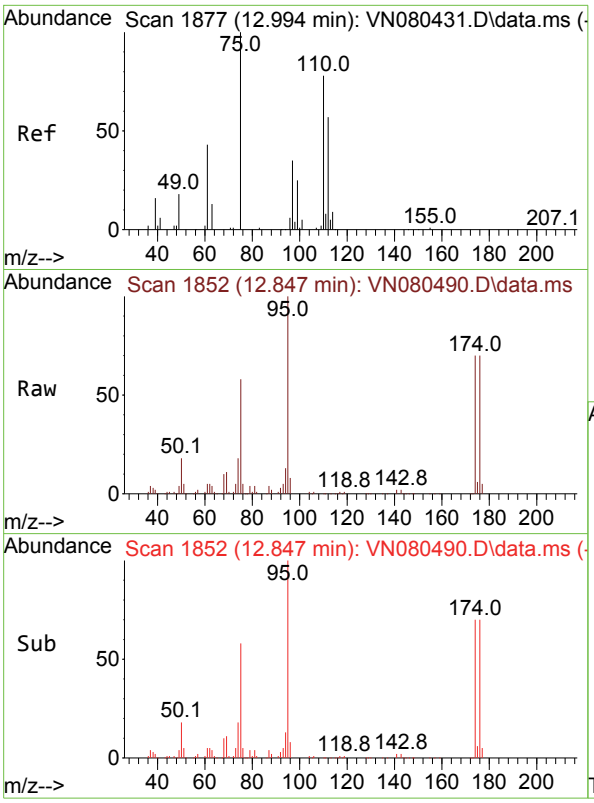


#74
N-amyl acetate
Concen: 0.241 ug/l
RT: 12.476 min Scan# 1789
Delta R.T. -0.018 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Tgt Ion: 43 Resp: 1226

Ion	Ratio	Lower	Upper
43	100		
70	0.0	43.4	65.2#
55	5.5	21.4	32.0#
61	0.0	22.8	34.2#



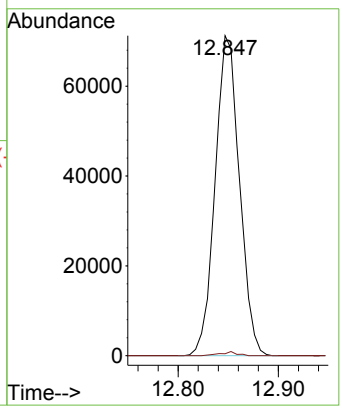


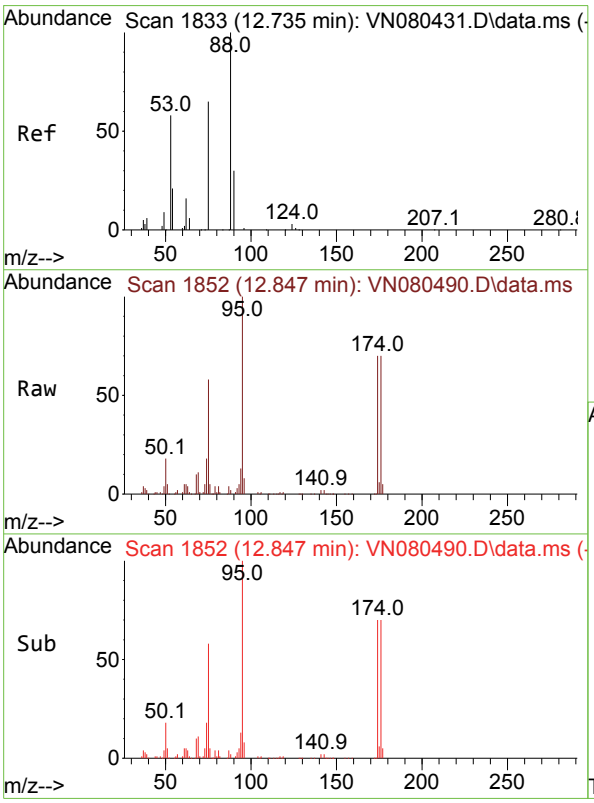
#76
1,2,3-Trichloropropane
Concen: 27.693 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

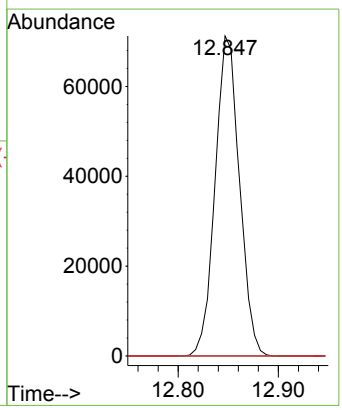
Tgt Ion: 75 Resp: 120037

Ion	Ratio	Lower	Upper
75	100		
77	0.8	84.5	253.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.711 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080490.D
Acq: 14 Dec 2023 18:13

Tgt Ion: 75 Resp: 120037

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