Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
Data File : VN080611.D
Acq On : 29 Dec 2023 13:36
Operator : JC\MD
Sample : PB158132ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Quant Time: Dec 29 23:41:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 28 03:07:01 2023
Response via : Initial Calibration

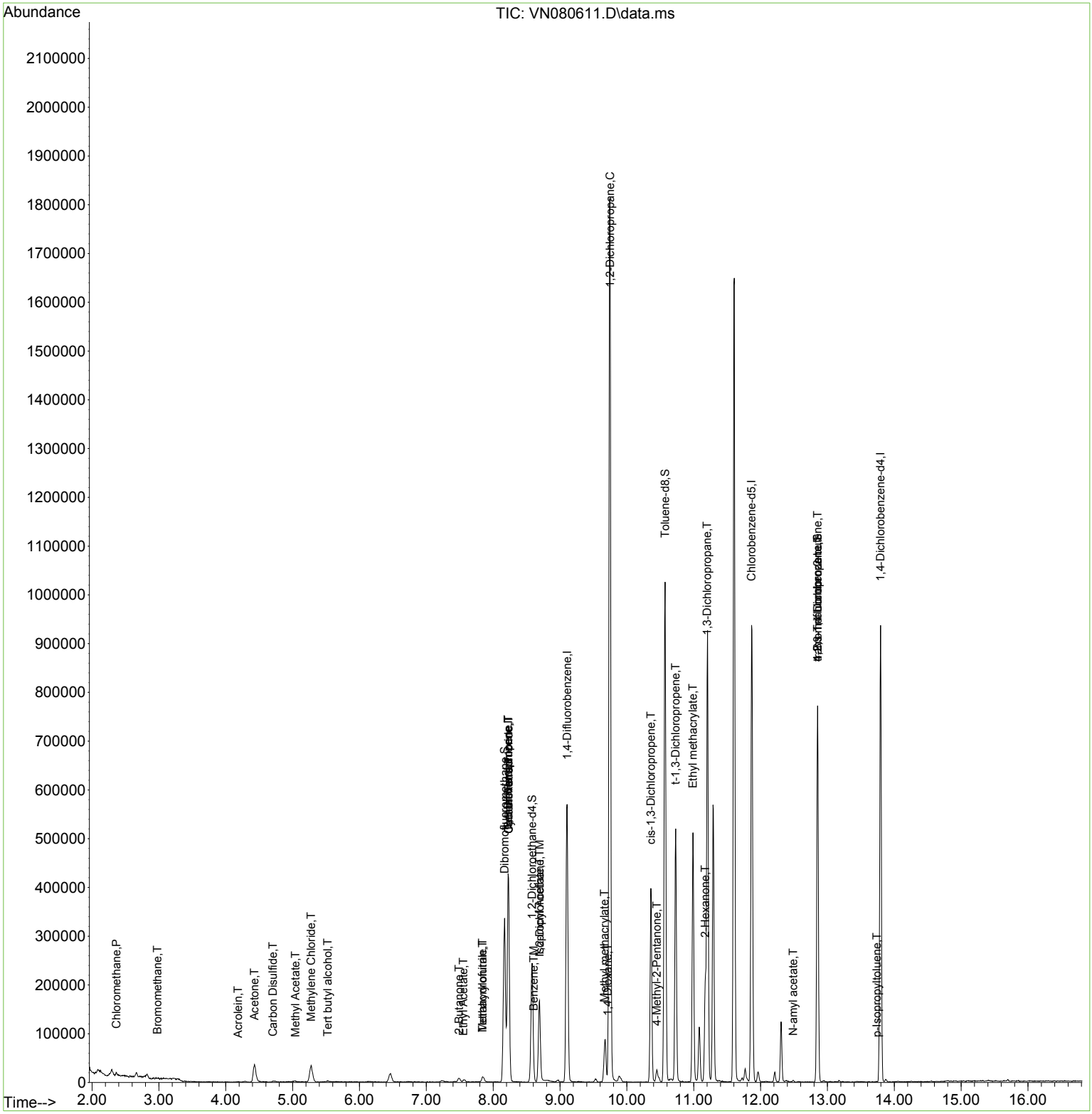
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	312504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	507522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	569845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	257522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	200258	49.958	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.920%			
35) Dibromofluoromethane	8.171	113	234955	71.580	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 143.160%#			
50) Toluene-d8	10.571	98	706751	61.668	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 123.340%#			
62) 4-Bromofluorobenzene	12.853	95	280241	72.657	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 145.320%#			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	9791	1.599	ug/l	92
5) Bromomethane	2.977	94	1055	0.719	ug/l	85
11) Tert butyl alcohol	5.524	59	1945	3.607	ug/l #	72
13) Acrolein	4.183	56	337	0.553	ug/l #	61
16) Acetone	4.430	43	66901	61.396	ug/l	96
17) Carbon Disulfide	4.706	76	1721	0.222	ug/l #	75
18) Methyl Acetate	5.042	43	3921	0.649	ug/l #	67
20) Methylene Chloride	5.277	84	26793	7.706	ug/l	88
25) 2-Butanone	7.489	43	13570	6.663	ug/l #	70
29) Tetrahydrofuran	7.841	42	8425	6.343	ug/l #	82
31) Cyclohexane	8.230	56	5667	1.045	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	24006	4.752	ug/l #	47
37) Ethyl Acetate	7.553	43	6503	1.706	ug/l #	88
38) Carbon Tetrachloride	8.230	117	32228	6.236	ug/l #	17
40) Benzene	8.606	78	286	0.391	ug/l #	52
41) Methacrylonitrile	7.841	41	5656	2.406	ug/l #	31
42) 1,2-Dichloroethane	8.694	62	1687	0.360	ug/l #	73
43) Isopropyl Acetate	8.694	43	185289	29.990	ug/l #	87
45) 1,2-Dichloropropane	9.747	63	2482	0.723	ug/l #	45
48) Methyl methacrylate	9.665	41	5056	1.474	ug/l #	28
49) 1,4-Dioxane	9.712	88	117	2.134	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	22363	6.364	ug/l #	80
53) t-1,3-Dichloropropene	10.730	75	1377	0.282	ug/l	98
54) cis-1,3-Dichloropropene	10.359	75	77188	14.129	ug/l #	61
56) Ethyl methacrylate	10.988	69	2611	0.837	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	10389	1.924	ug/l #	42
59) 2-Hexanone	11.171	43	175856	66.397	ug/l #	19
74) N-amyl acetate	12.488	43	2005	0.322	ug/l #	36
76) 1,2,3-Trichloropropane	12.853	75	139769	25.234	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	139769	68.353	ug/l #	15
86) p-Isopropyltoluene	13.741	119	277	0.473	ug/l #	50

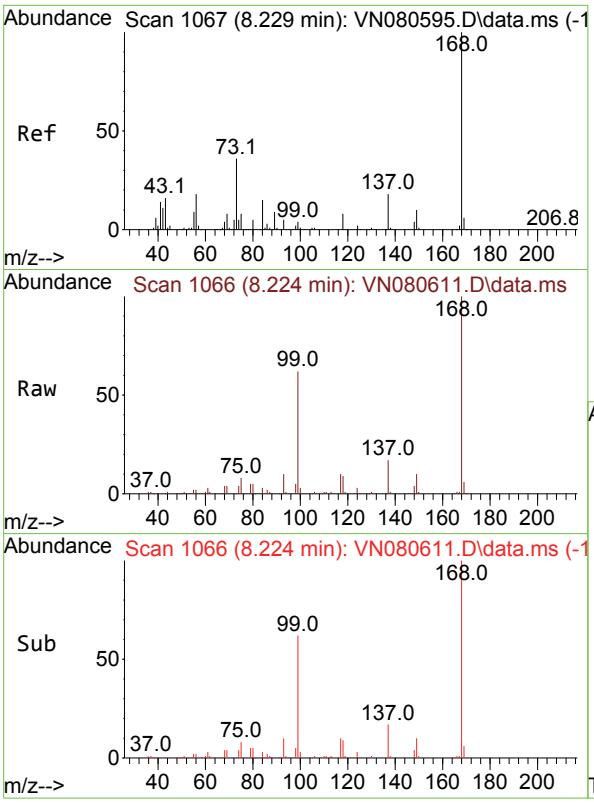
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
Data File : VN080611.D
Acq On : 29 Dec 2023 13:36
Operator : JC\MD
Sample : PB158132ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Quant Time: Dec 29 23:41:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 28 03:07:01 2023
Response via : Initial Calibration



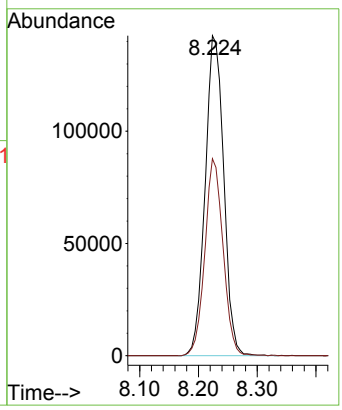


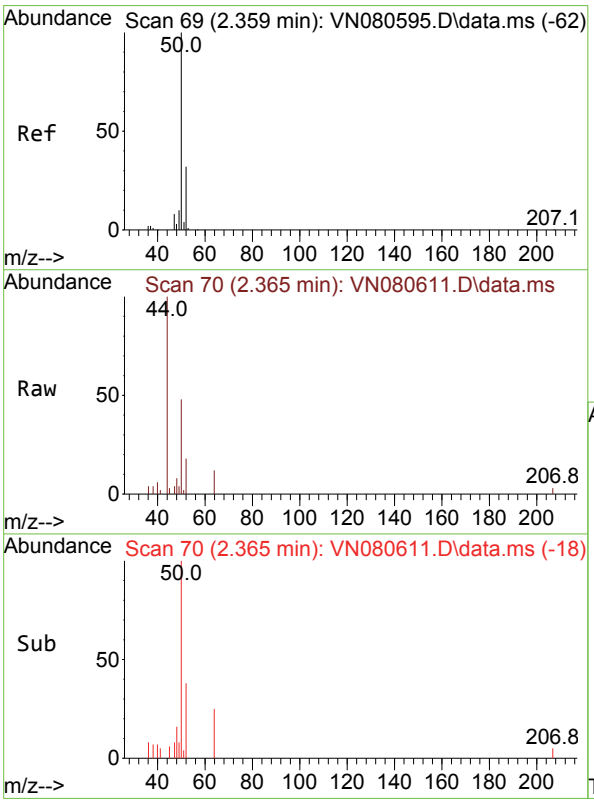
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion:168 Resp: 312504

Ion	Ratio	Lower	Upper
168	100		
99	61.5	53.0	79.6

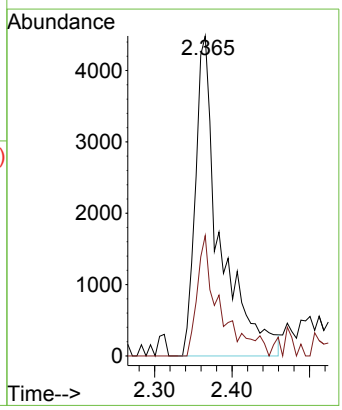


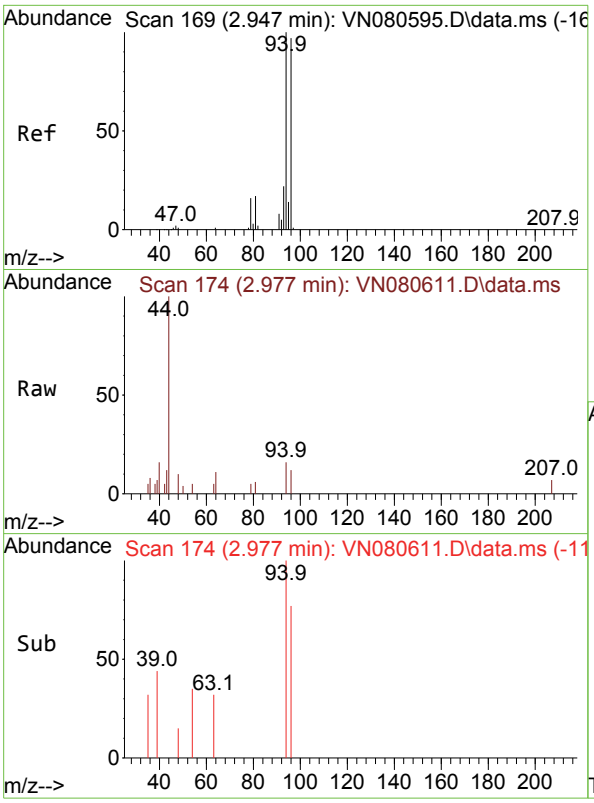


#3
Chloromethane
Concen: 1.599 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion: 50 Resp: 9791

Ion	Ratio	Lower	Upper
50	100		
52	37.6	26.5	39.7



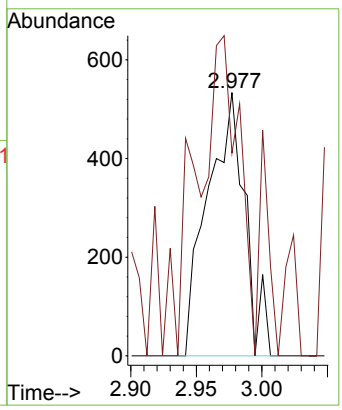


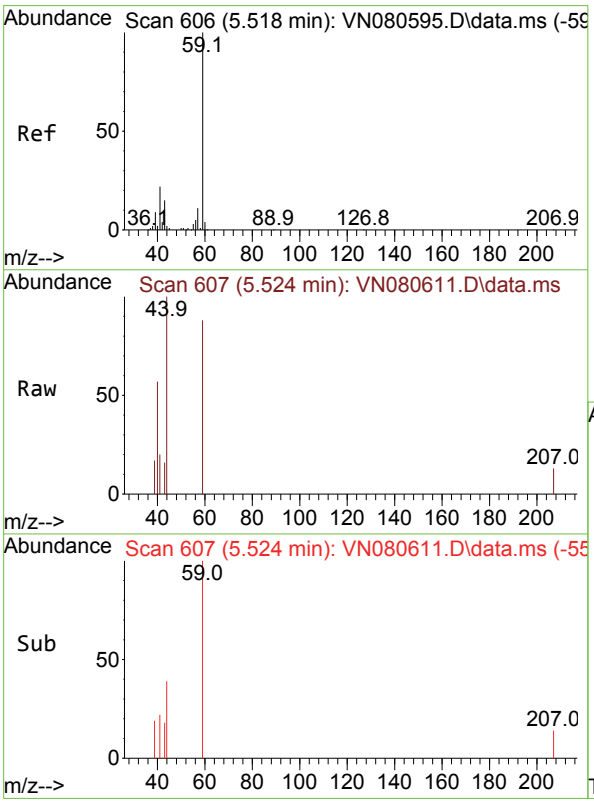
#5
Bromomethane
Concen: 0.719 ug/l
RT: 2.977 min Scan# 1
Delta R.T. 0.030 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion: 94 Resp: 1055

Ion	Ratio	Lower	Upper
94	100		
96	77.0	73.1	109.7

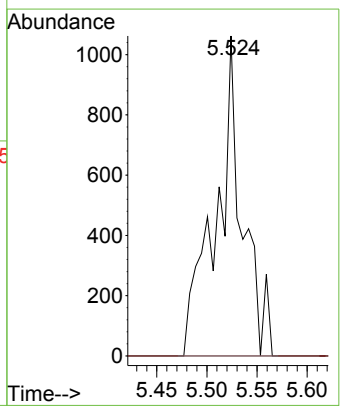


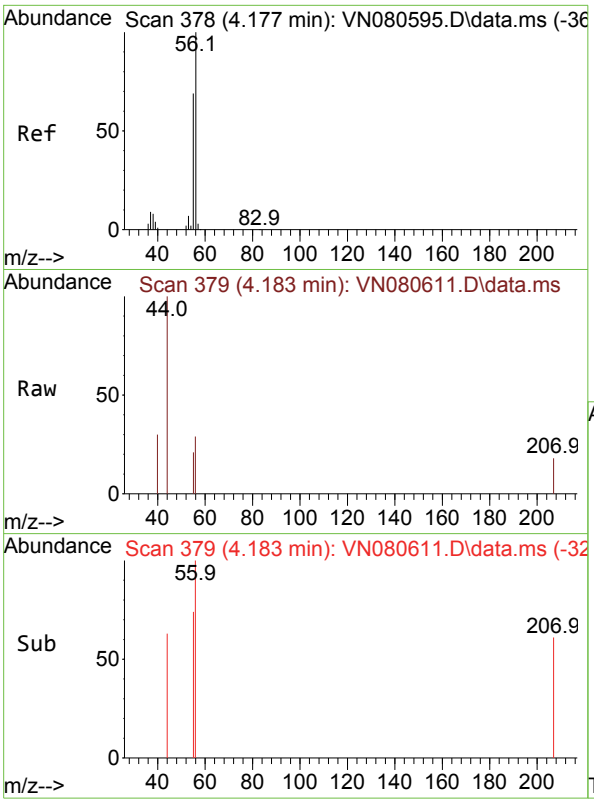


#11
Tert butyl alcohol
Concen: 3.607 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion: 59 Resp: 1945

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



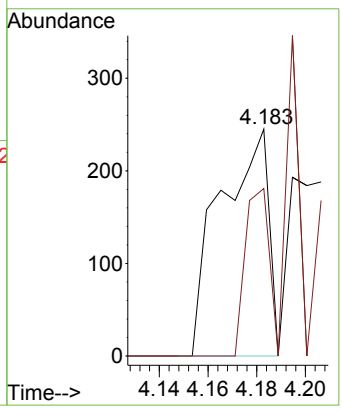


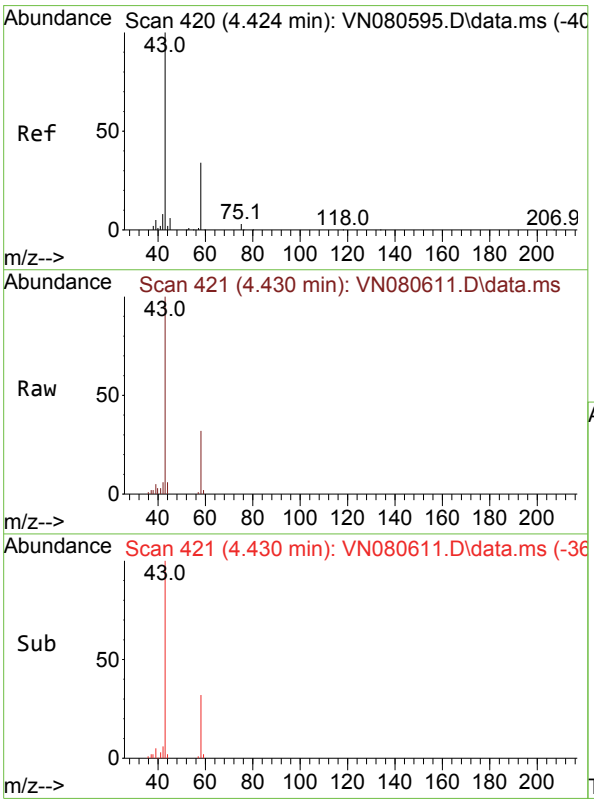
#13
Acrolein
Concen: 0.553 ug/l
RT: 4.183 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion: 56 Resp: 337

Ion	Ratio	Lower	Upper
56	100		
55	36.5	54.5	81.7#

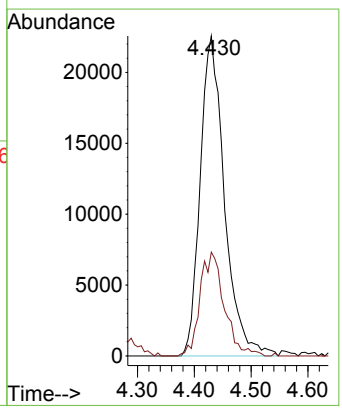


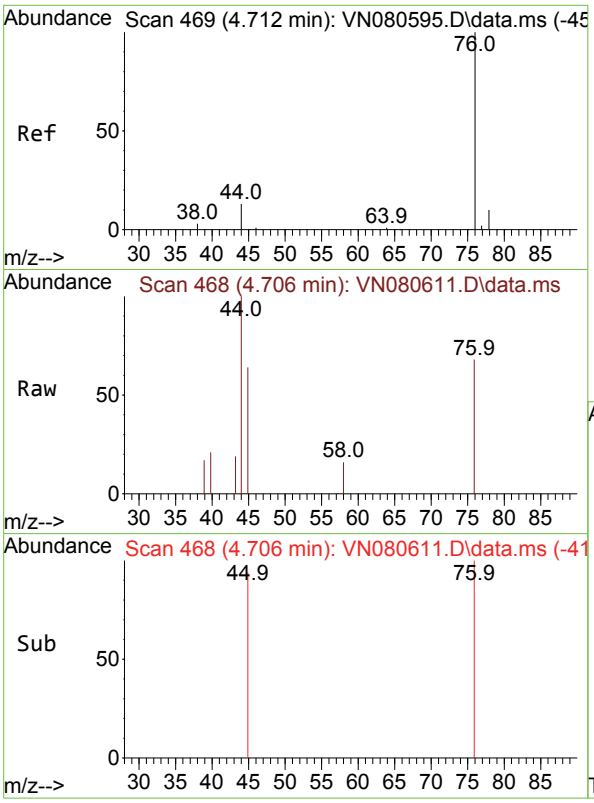


#16
Acetone
Concen: 61.396 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion: 43 Resp: 66901

Ion	Ratio	Lower	Upper
43	100		
58	32.4	28.0	42.0



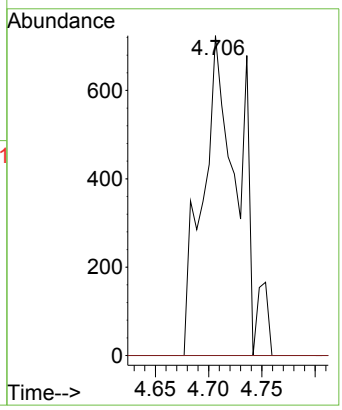


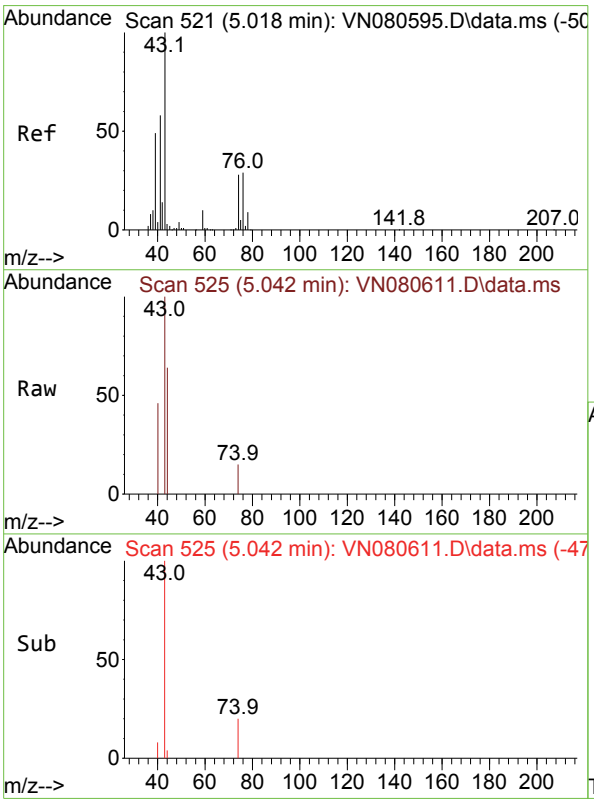
#17
Carbon Disulfide
Concen: 0.222 ug/l
RT: 4.706 min Scan# 4
Delta R.T. -0.006 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion: 76 Resp: 1721

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#

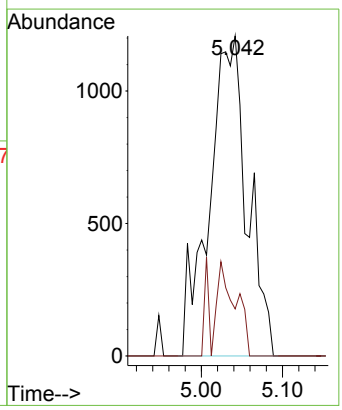


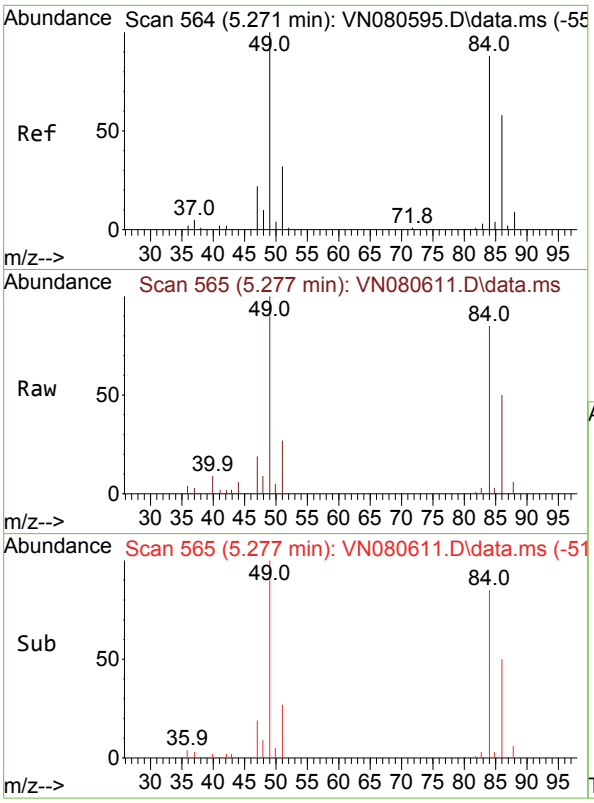


#18
Methyl Acetate
Concen: 0.649 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.024 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion: 43 Resp: 3921

Ion	Ratio	Lower	Upper
43	100		
74	14.4	26.2	39.4#



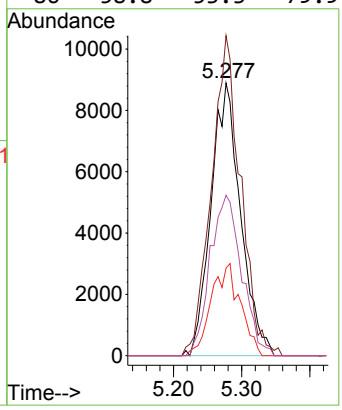


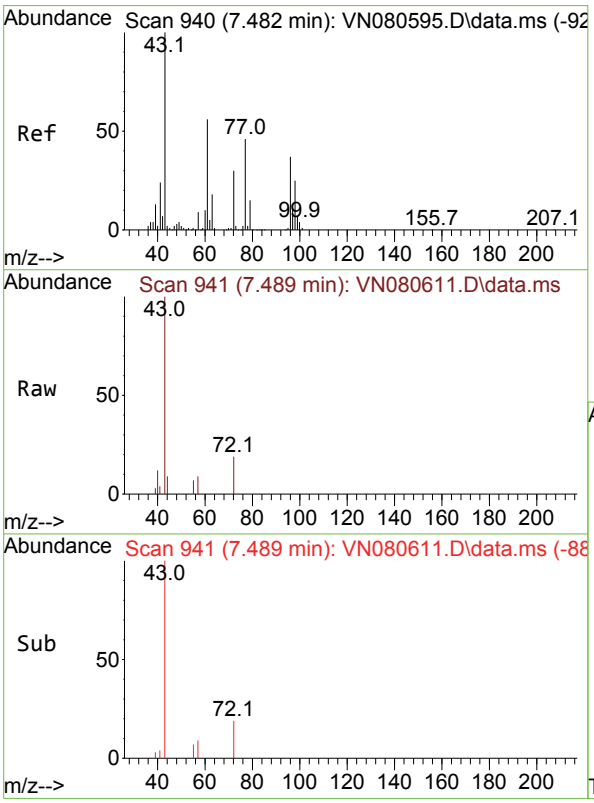
#20
Methylene Chloride
Concen: 7.706 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion: 84 Resp: 26793

Ion	Ratio	Lower	Upper
84	100		
49	117.4	79.7	119.5
51	32.1	25.2	37.8
86	58.8	53.3	79.9

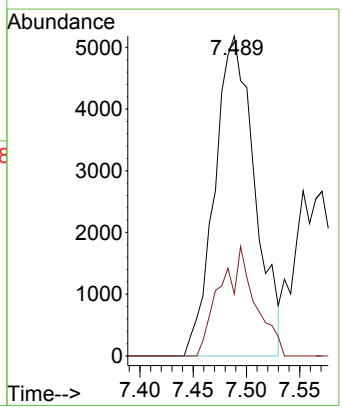


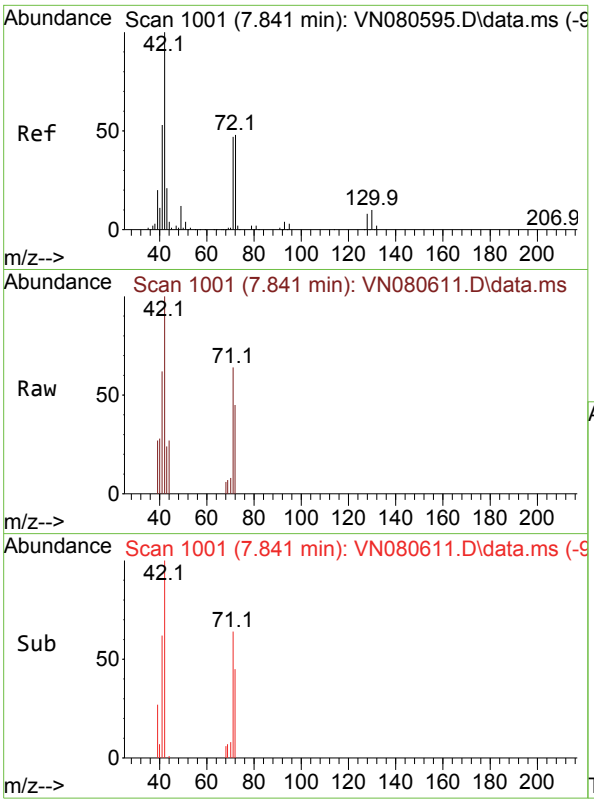


#25
2-Butanone
Concen: 6.663 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion: 43 Resp: 13570

Ion	Ratio	Lower	Upper
43	100		
72	19.4	30.2	45.2#



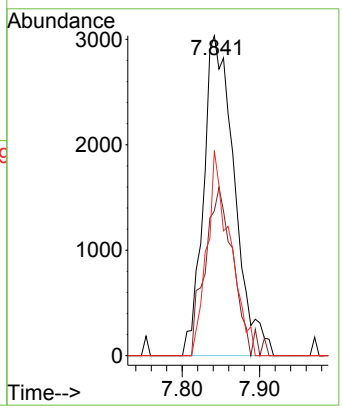


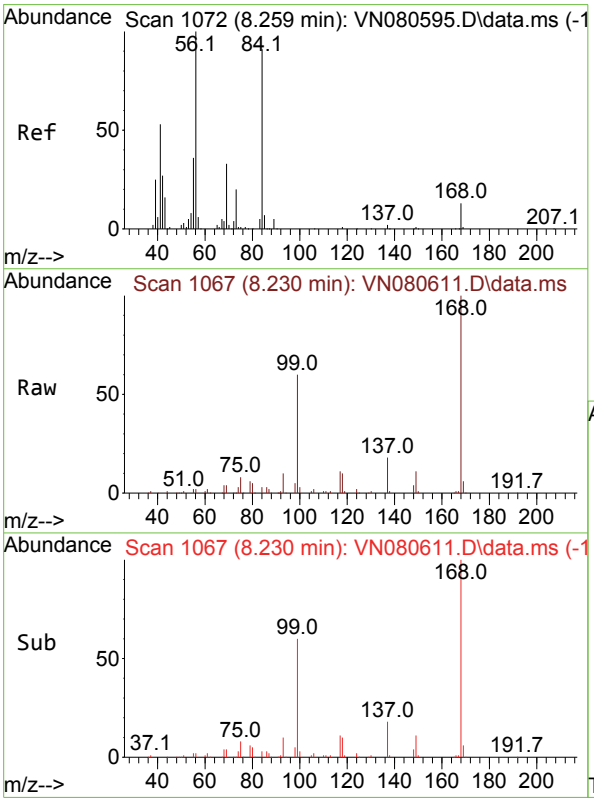
#29
Tetrahydrofuran
Concen: 6.343 ug/l
RT: 7.841 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion: 42 Resp: 8425

Ion	Ratio	Lower	Upper
42	100		
72	46.5	49.8	74.6#
71	48.0	47.4	71.2

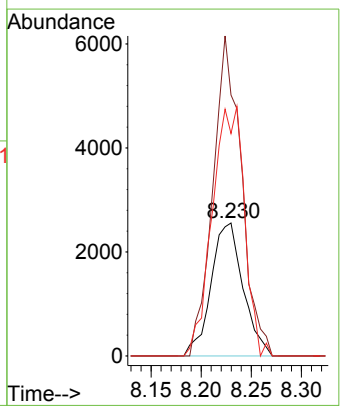


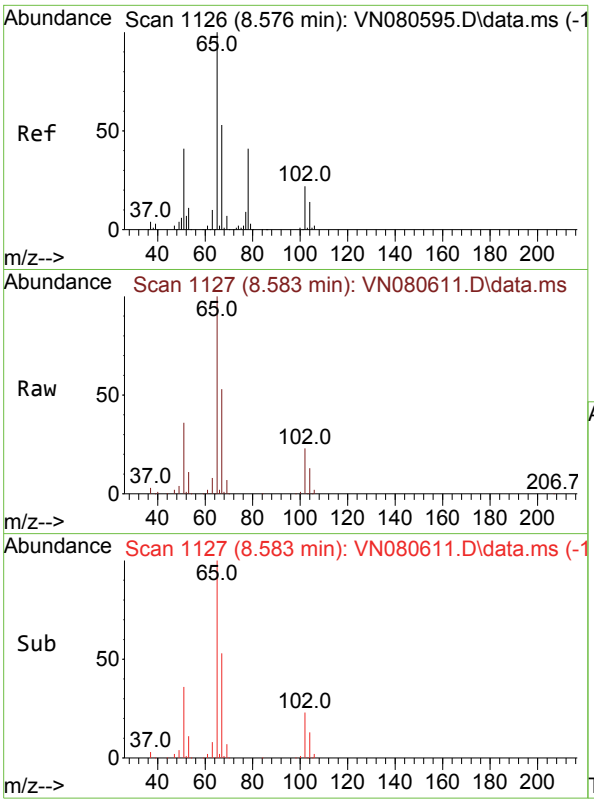


#31
Cyclohexane
Concen: 1.045 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion: 56 Resp: 5667

Ion	Ratio	Lower	Upper
56	100		
69	196.2	26.8	40.2#
84	167.2	81.8	122.6#



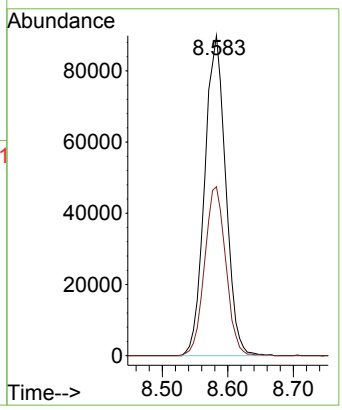


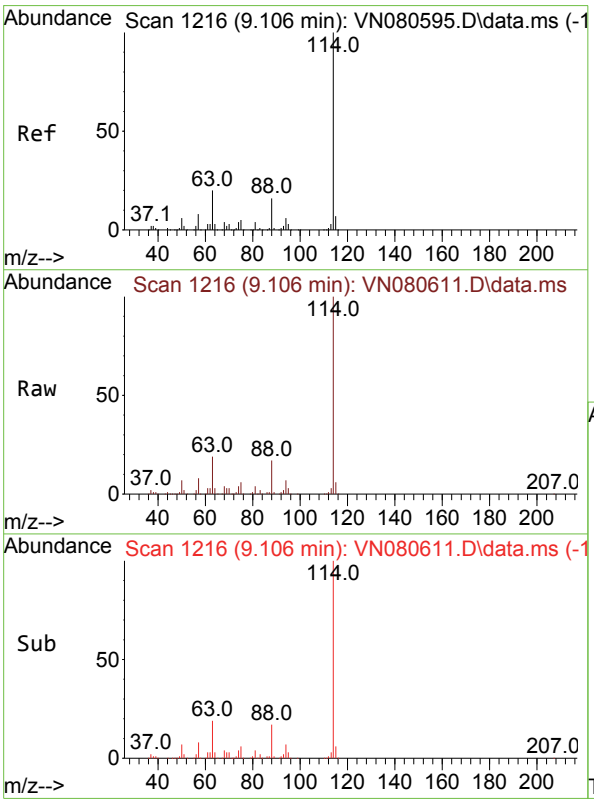
#33
1,2-Dichloroethane-d4
Concen: 49.958 ug/l
RT: 8.583 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion: 65 Resp: 200258

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	106.6

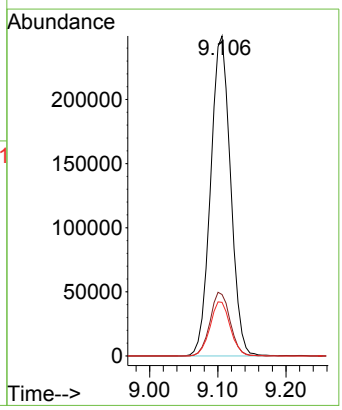


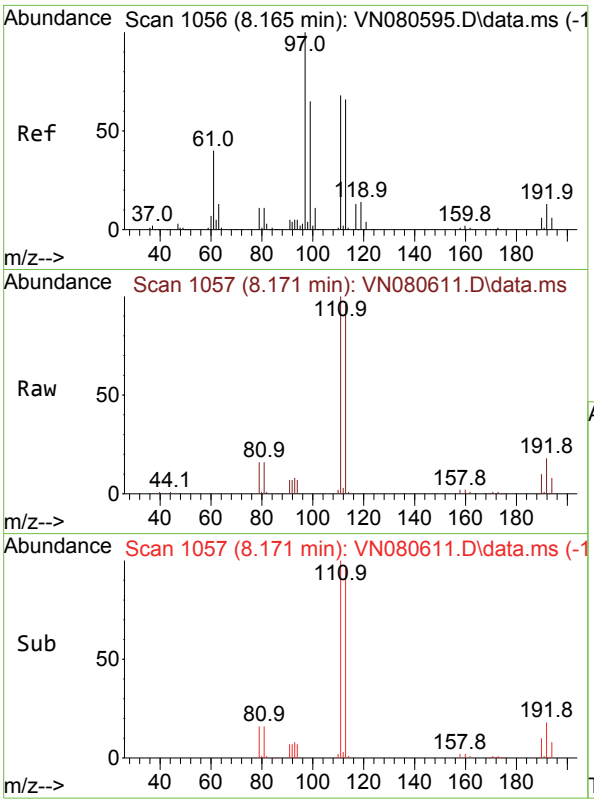


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion:114 Resp: 507522

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	36.4
88	16.7	0.0	30.6



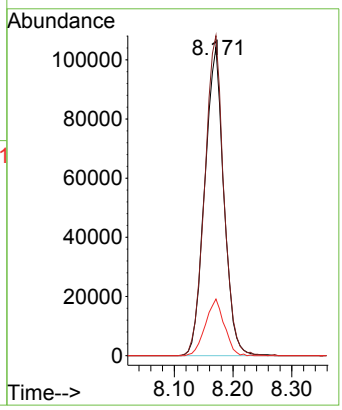


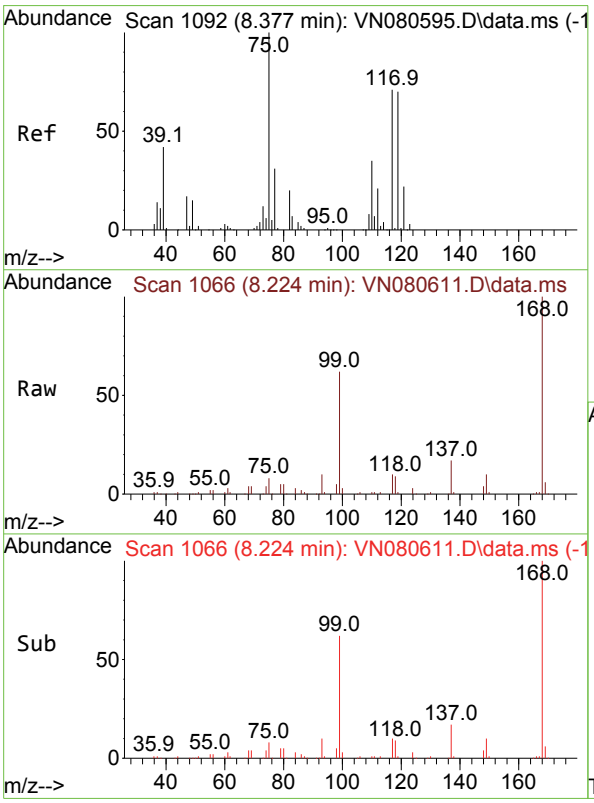
#35
Dibromofluoromethane
Concen: 71.580 ug/l
RT: 8.171 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion:113 Resp: 234955

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	18.2	12.7	19.1

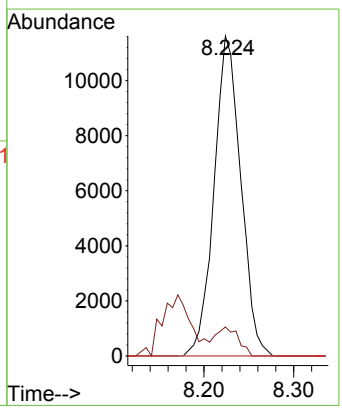


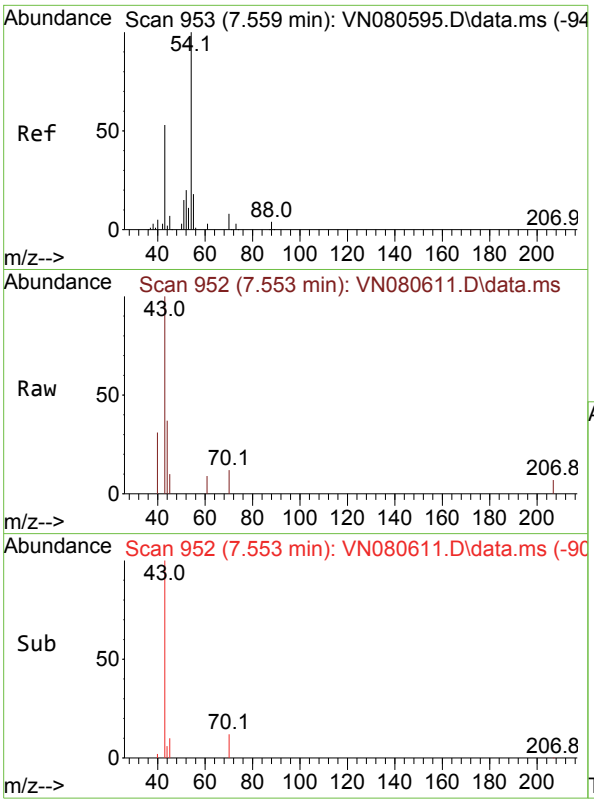


#36
1,1-Dichloropropene
Concen: 4.752 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion: 75 Resp: 24006

Ion	Ratio	Lower	Upper
75	100		
110	7.6	19.1	57.3#
77	0.0	25.0	37.4#



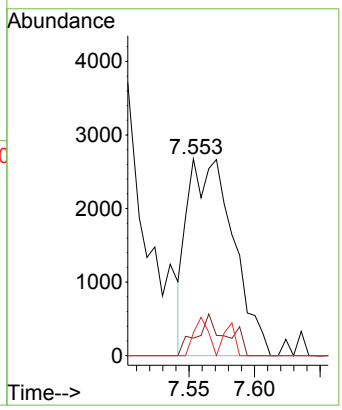


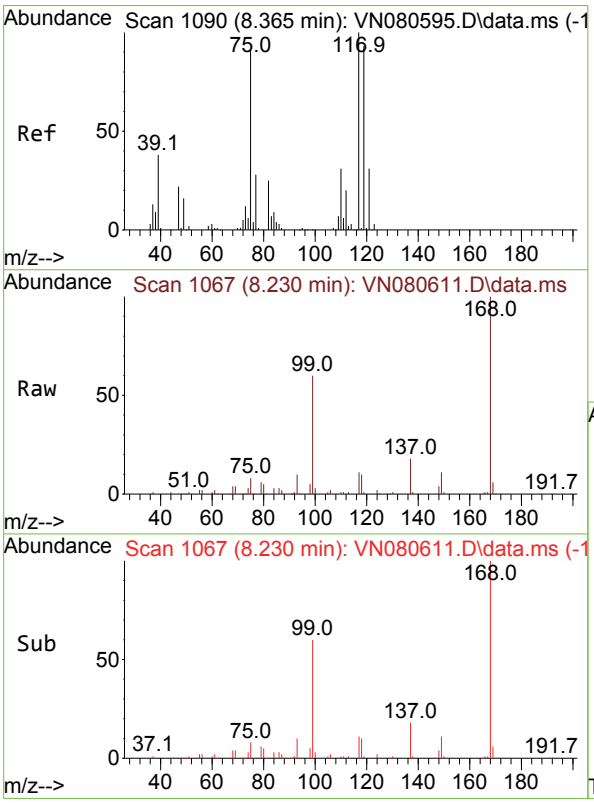
#37
Ethyl Acetate
Concen: 1.706 ug/l
RT: 7.553 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion: 43 Resp: 6503

Ion	Ratio	Lower	Upper
43	100		
61	13.7	13.2	19.8
70	6.2	11.3	16.9#

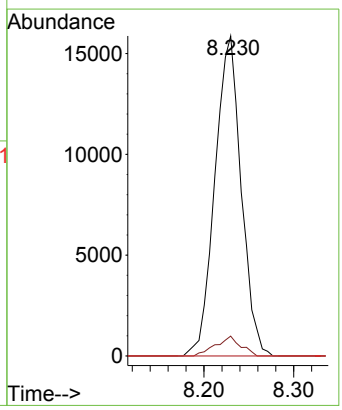


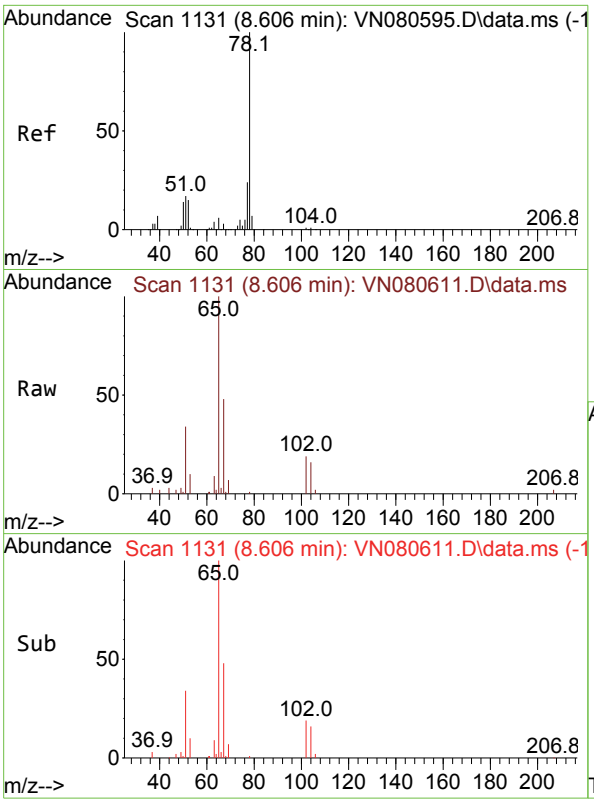


#38
Carbon Tetrachloride
Concen: 6.236 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion:117 Resp: 32228

Ion	Ratio	Lower	Upper
117	100		
119	6.2	77.3	115.9#
121	0.0	23.3	34.9#



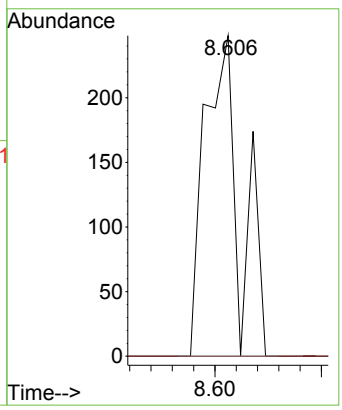


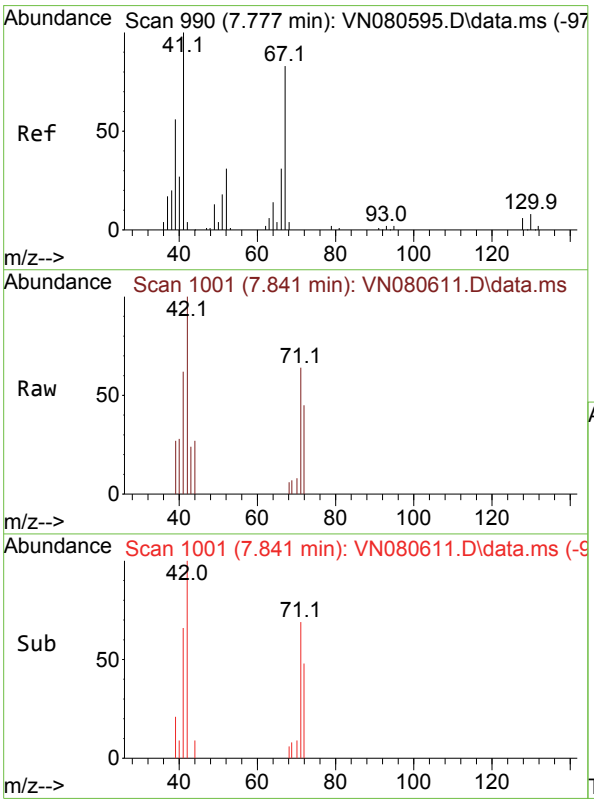
#40
Benzene
Concen: 0.391 ug/l
RT: 8.606 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion: 78 Resp: 286

Ion	Ratio	Lower	Upper
78	100		
77	0.0	19.0	28.6#

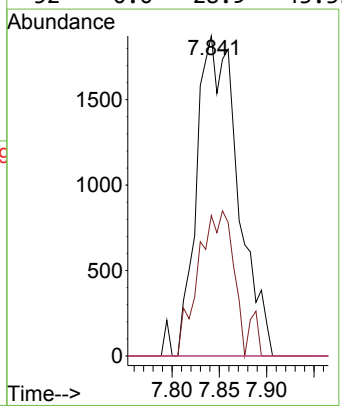


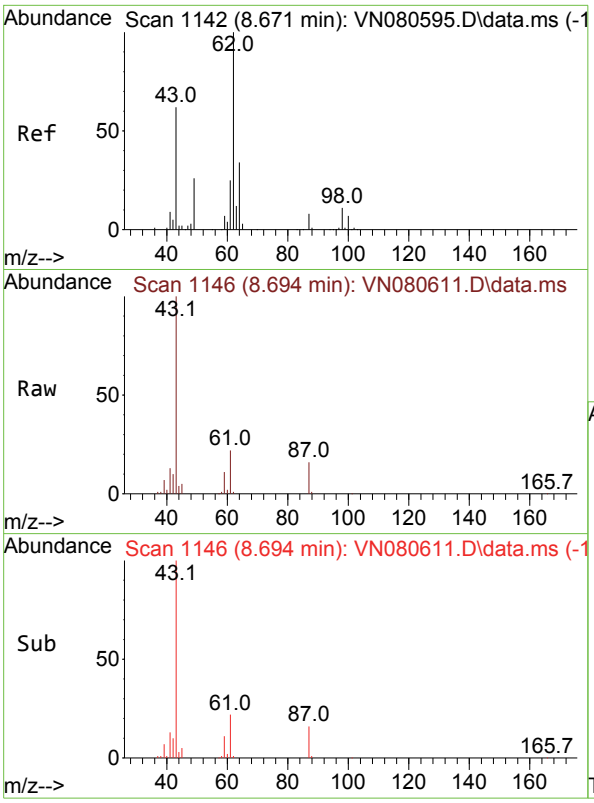


#41
Methacrylonitrile
Concen: 2.406 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.065 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion: 41 Resp: 5656

Ion	Ratio	Lower	Upper
41	100		
39	38.5	42.6	64.0#
67	0.0	77.5	116.3#
52	0.0	28.9	43.3#



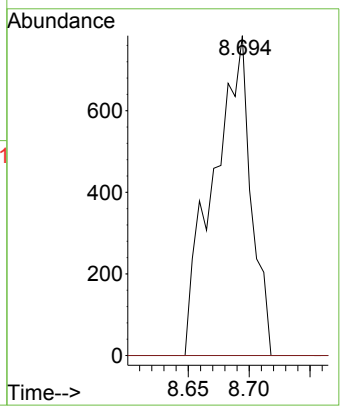


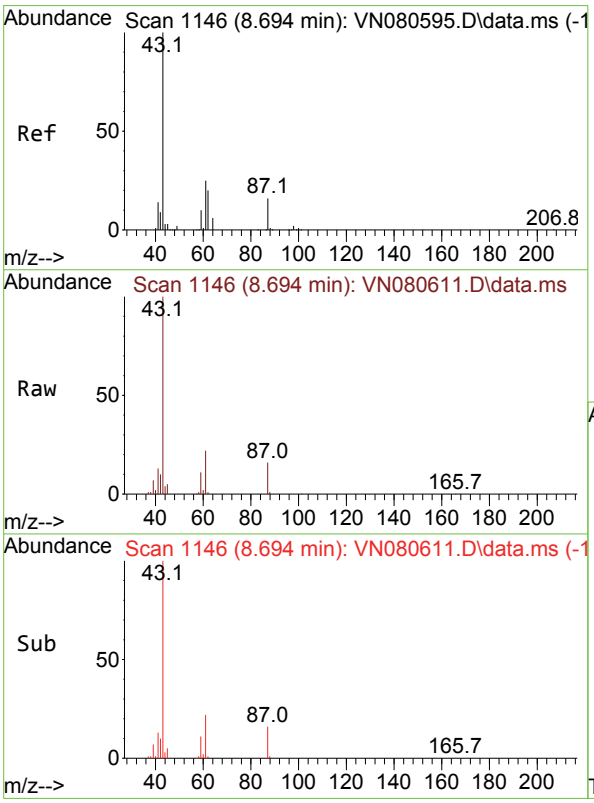
#42
1,2-Dichloroethane
Concen: 0.360 ug/l
RT: 8.694 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion: 62 Resp: 1687

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.8

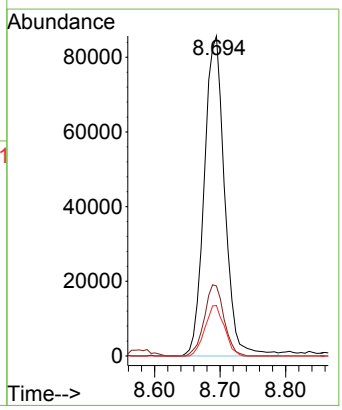


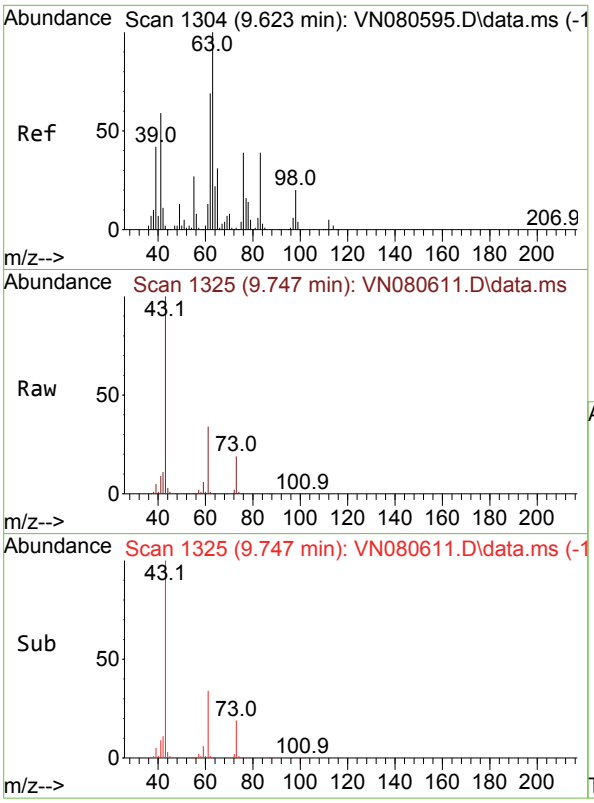


#43
Isopropyl Acetate
Concen: 29.990 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion: 43 Resp: 185289

Ion	Ratio	Lower	Upper
43	100		
61	21.5	24.7	37.1#
87	15.1	14.6	21.8



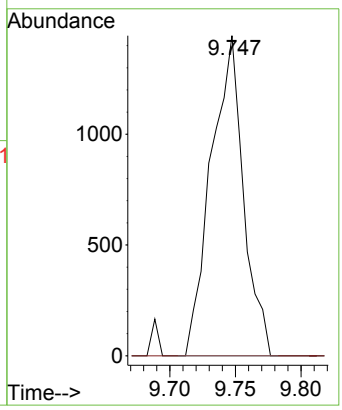


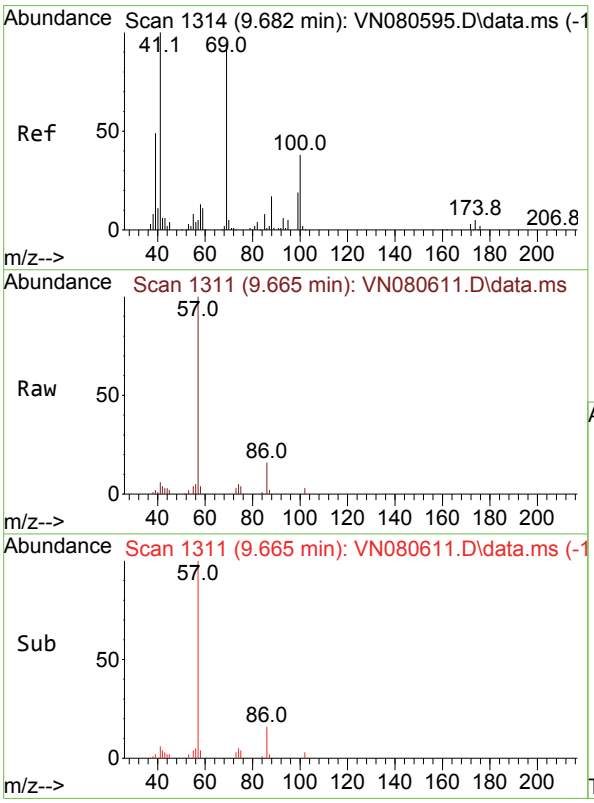
#45
1,2-Dichloropropane
Concen: 0.723 ug/l
RT: 9.747 min Scan# 1
Delta R.T. 0.124 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion: 63 Resp: 2482

Ion	Ratio	Lower	Upper
63	100		
65	0.0	23.9	35.9#

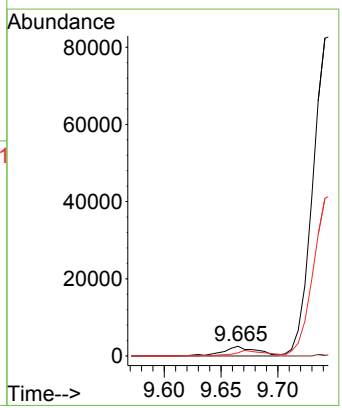


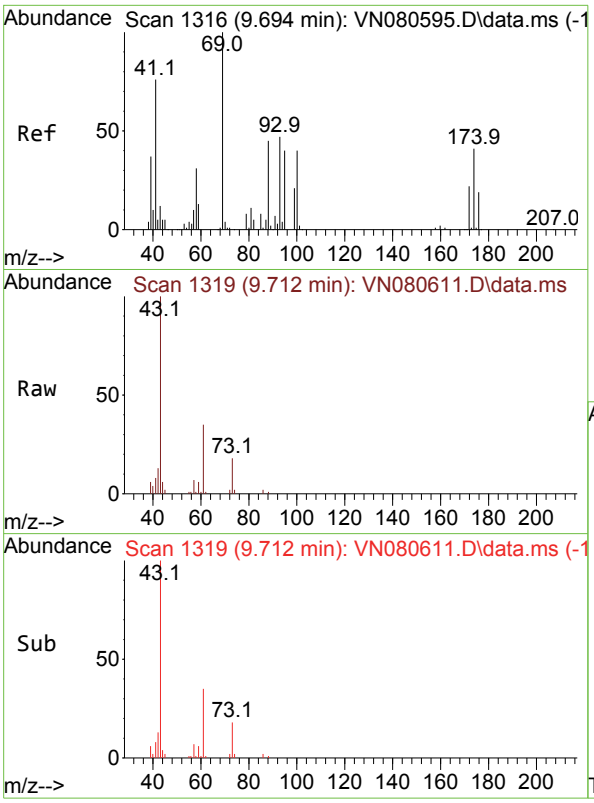


#48
Methyl methacrylate
Concen: 1.474 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.017 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion: 41 Resp: 5056

Ion	Ratio	Lower	Upper
41	100		
69	0.0	90.4	135.6#
39	53.9	54.6	81.8#



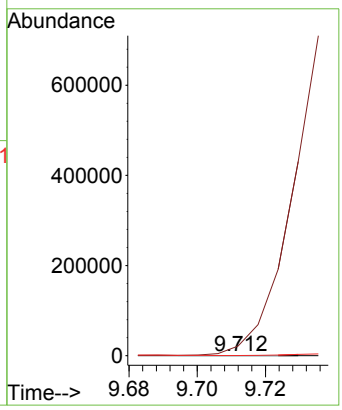


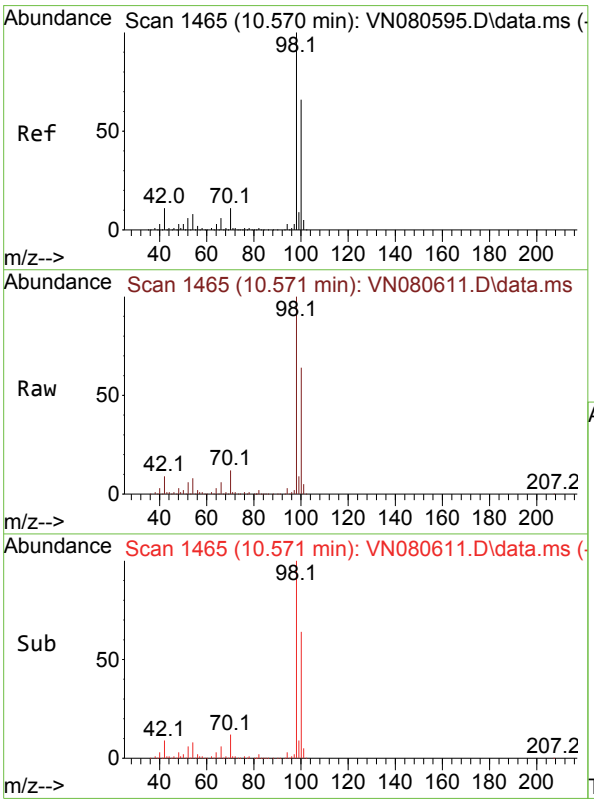
#49
1,4-Dioxane
Concen: 2.134 ug/l
RT: 9.712 min Scan# 1
Delta R.T. 0.018 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion: 88 Resp: 117

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

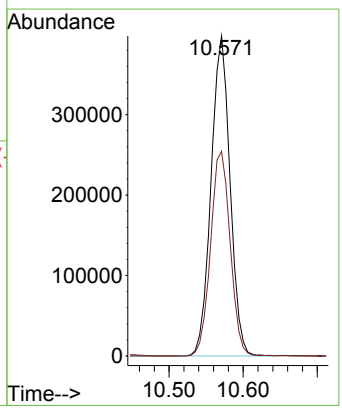


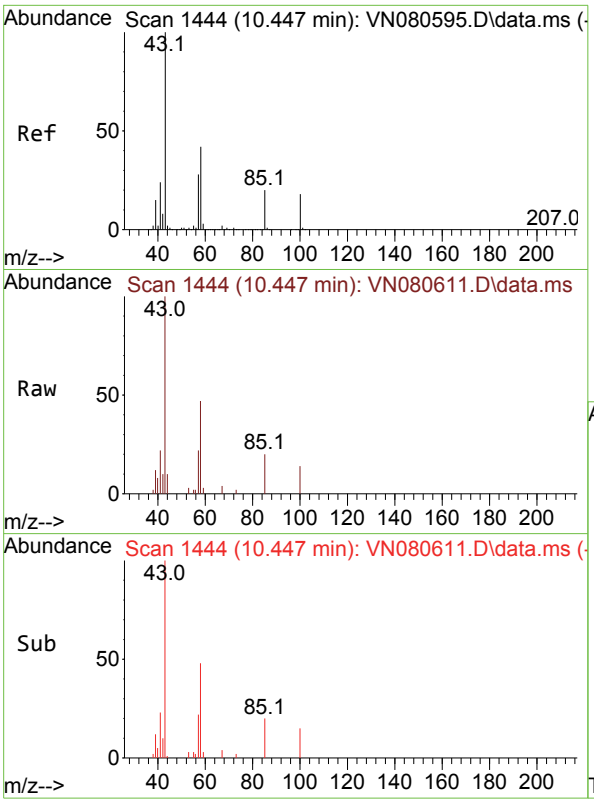


#50
Toluene-d8
Concen: 61.668 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion: 98 Resp: 706751

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.0	78.0



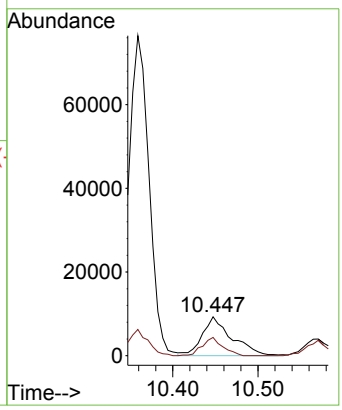


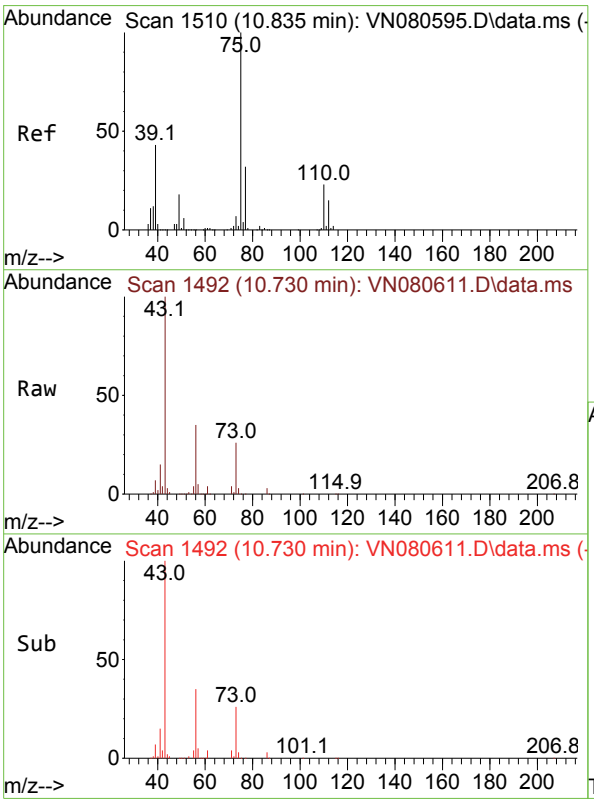
#51
4-Methyl-2-Pentanone
Concen: 6.364 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion: 43 Resp: 22363

Ion	Ratio	Lower	Upper
43	100		
58	32.5	36.6	54.8#

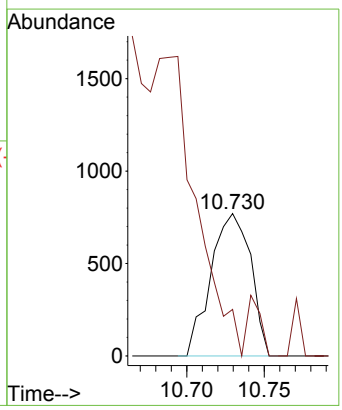


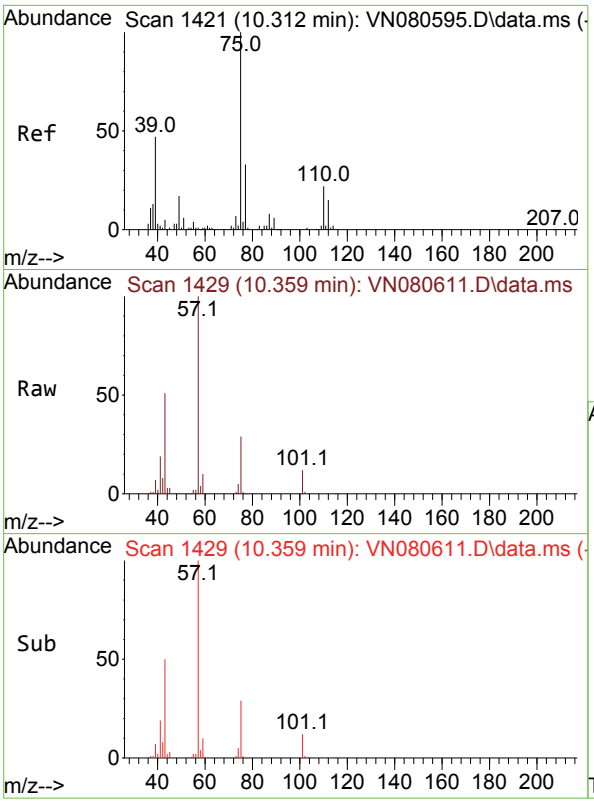


#53
t-1,3-Dichloropropene
Concen: 0.282 ug/l
RT: 10.730 min Scan# 1492
Delta R.T. -0.106 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion: 75 Resp: 1377

Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.4	38.0



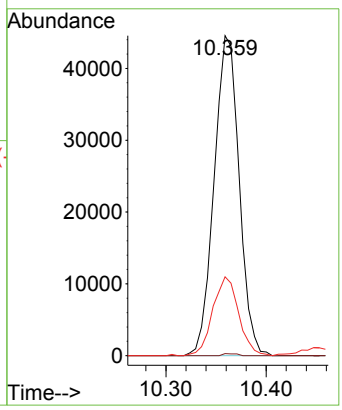


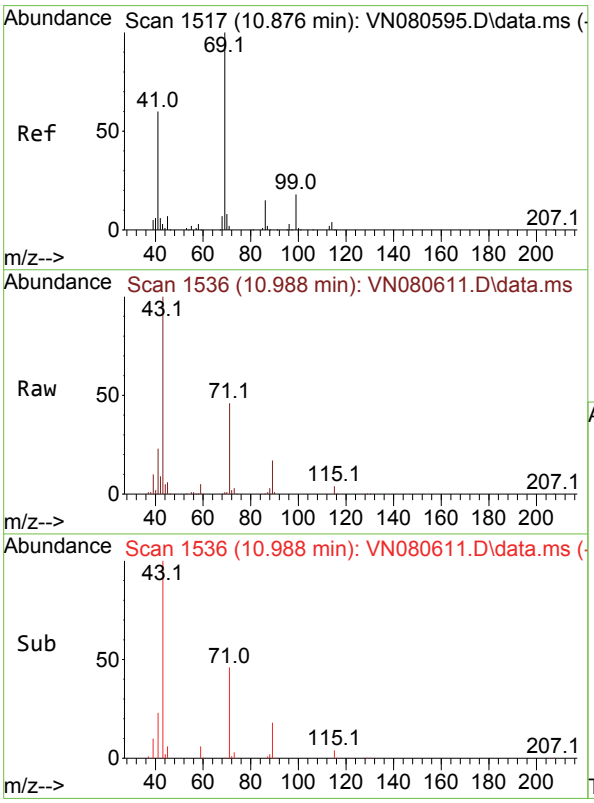
#54
cis-1,3-Dichloropropene
Concen: 14.129 ug/l
RT: 10.359 min Scan# 14
Delta R.T. 0.047 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion: 75 Resp: 77188

Ion	Ratio	Lower	Upper
75	100		
77	0.6	26.1	39.1#
39	24.6	31.6	47.4#

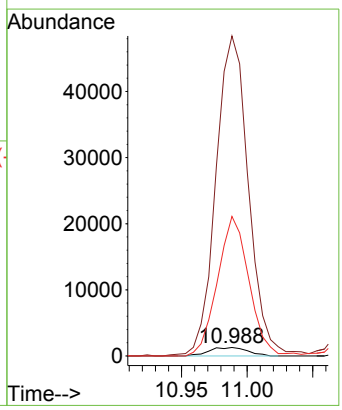


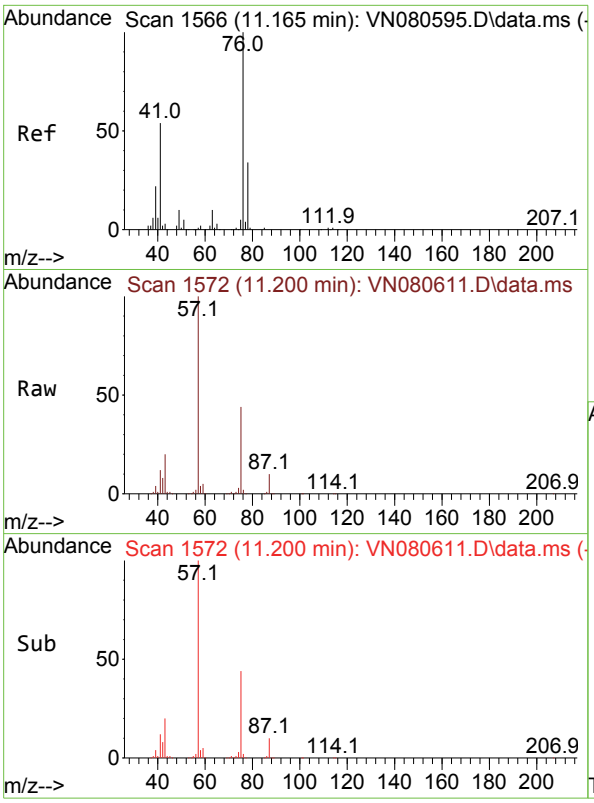


#56
Ethyl methacrylate
Concen: 0.837 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion: 69 Resp: 2611

Ion	Ratio	Lower	Upper
69	100		
41	3211.1	39.6	59.4#
39	1353.2	28.6	43.0#



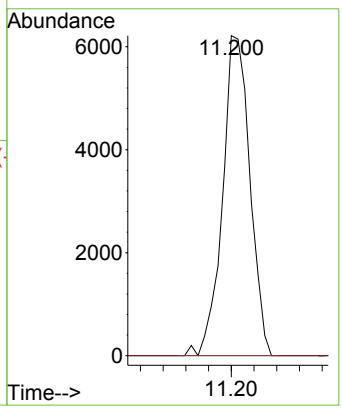


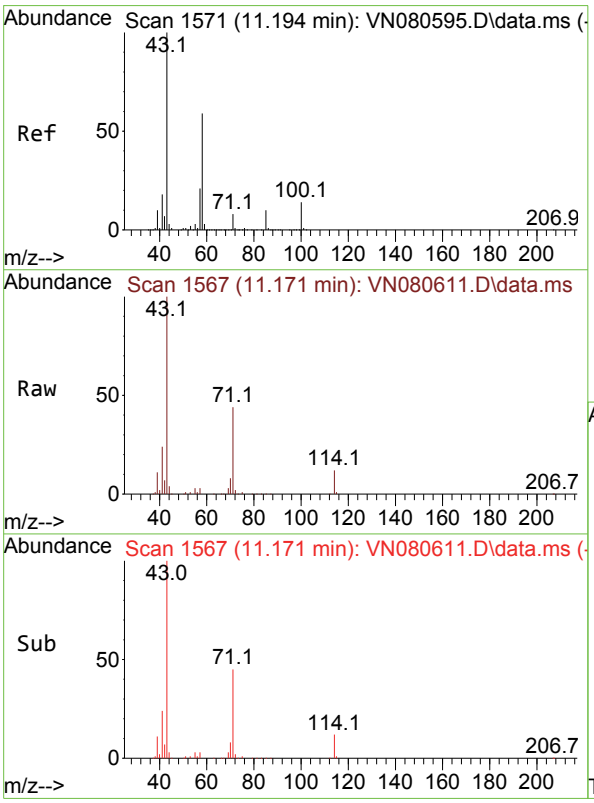
#57
1,3-Dichloropropane
Concen: 1.924 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.036 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion: 76 Resp: 10389

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.1	39.1#

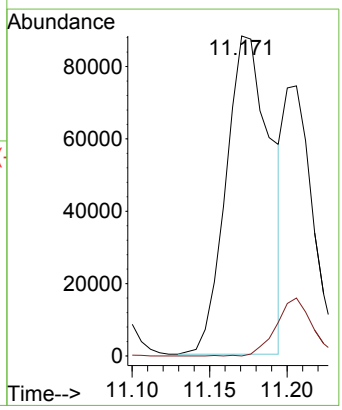


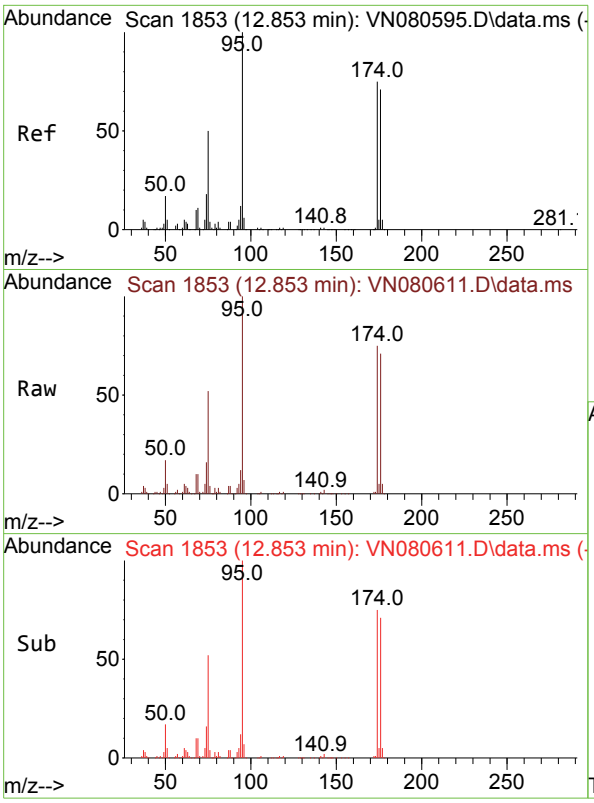


#59
2-Hexanone
Concen: 66.397 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.023 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion: 43 Resp: 175856

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.7	95.1#



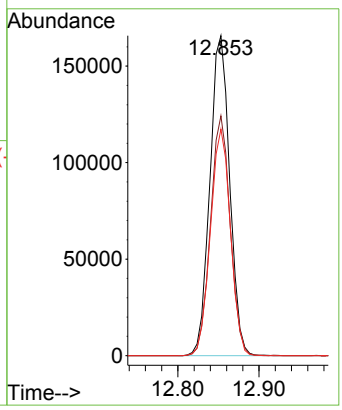


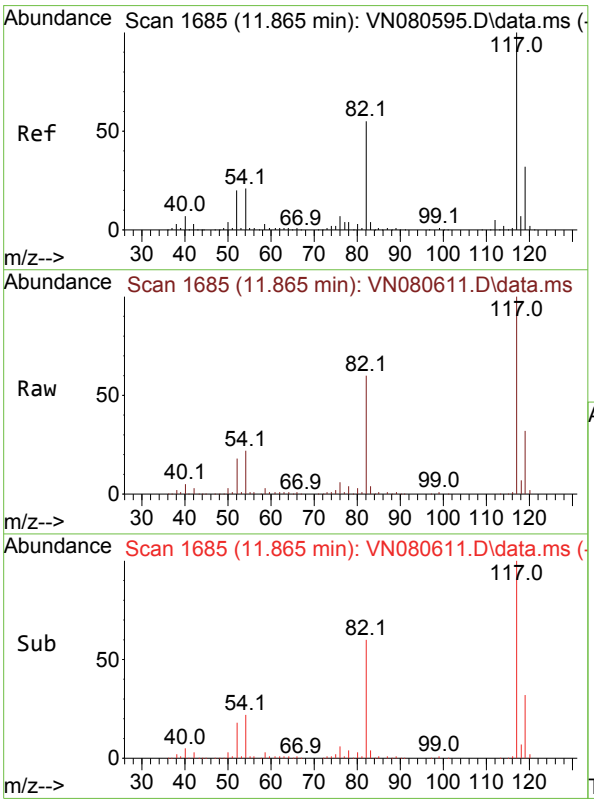
#62
4-Bromofluorobenzene
Concen: 72.657 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion: 95 Resp: 280241

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	143.8
176	71.6	0.0	135.8

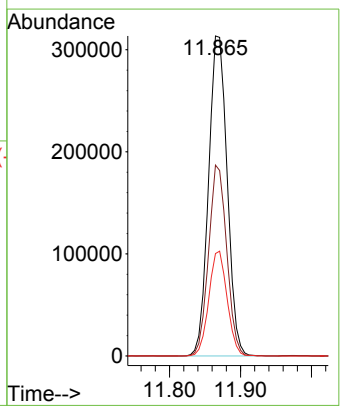


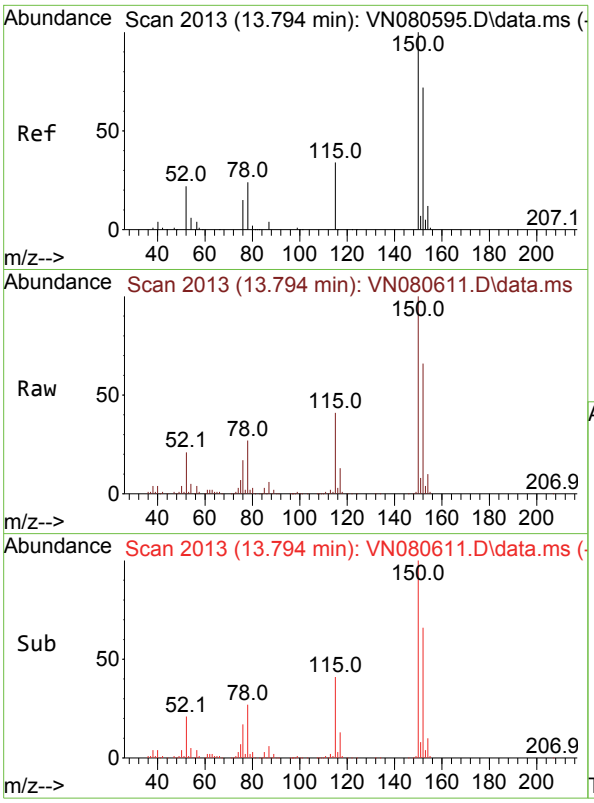


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion:117 Resp: 569845

Ion	Ratio	Lower	Upper
117	100		
82	59.6	44.0	66.0
119	32.0	25.6	38.4



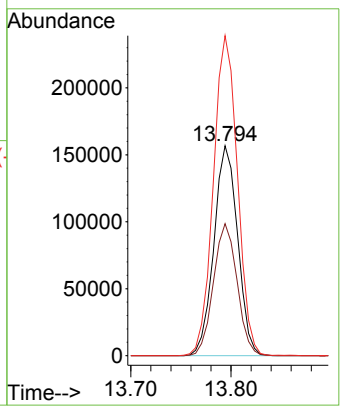


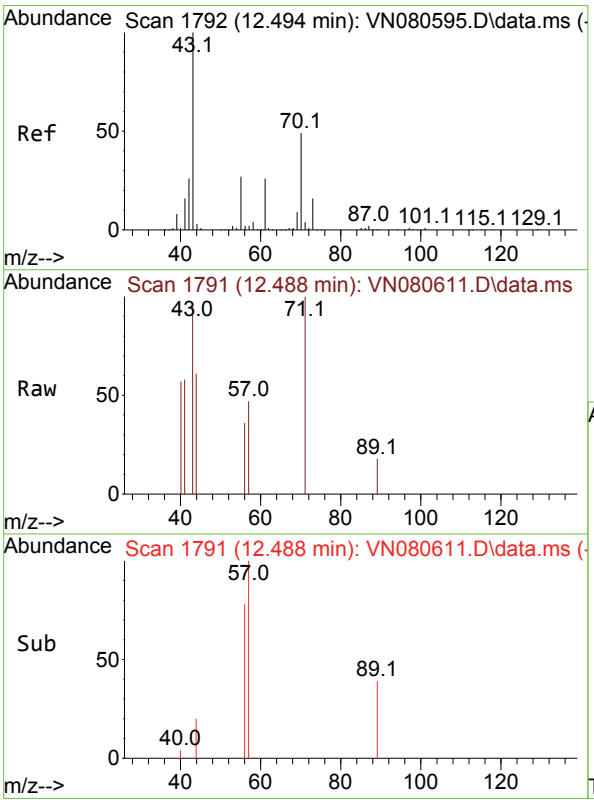
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion:152 Resp: 257522

Ion	Ratio	Lower	Upper
152	100		
115	62.6	32.3	96.8
150	154.8	0.0	355.8

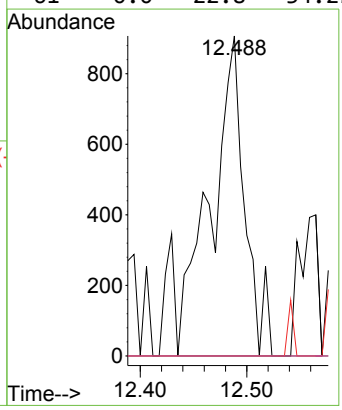


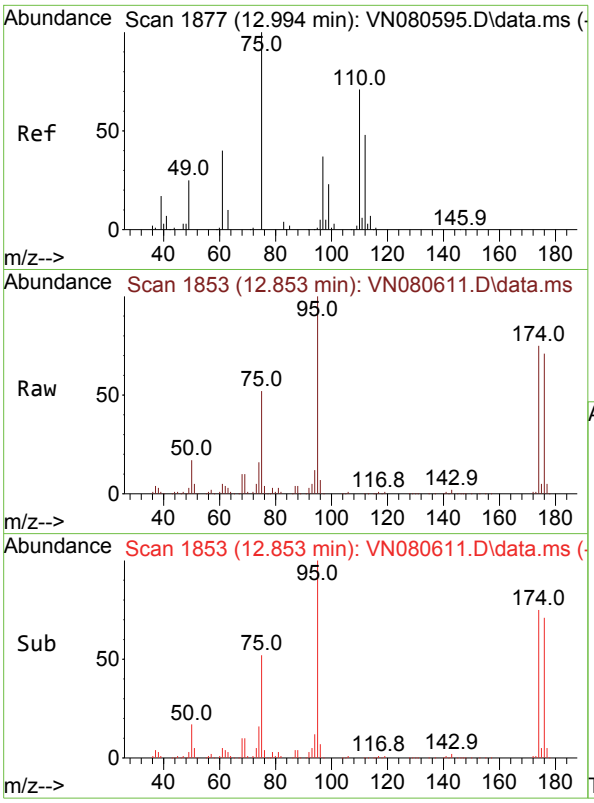


#74
N-amyl acetate
Concen: 0.322 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion: 43 Resp: 2005

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#



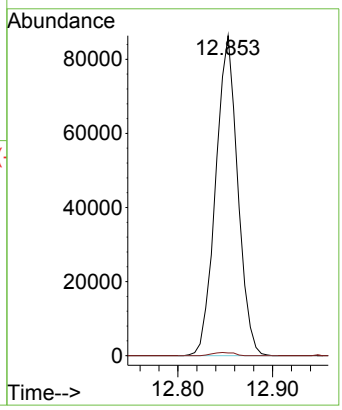


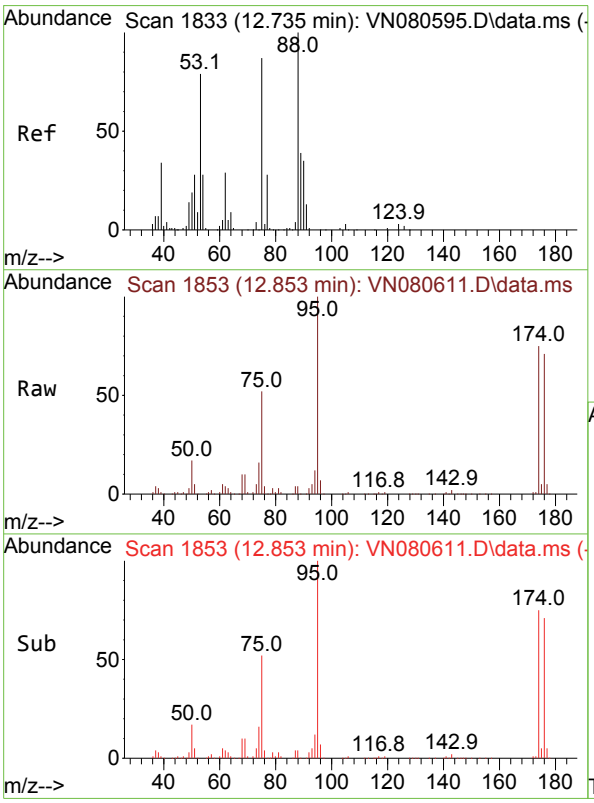
#76
1,2,3-Trichloropropane
Concen: 25.234 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion: 75 Resp: 139769

Ion	Ratio	Lower	Upper
75	100		
77	1.0	84.5	253.5#

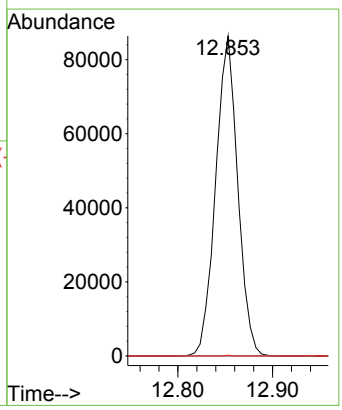


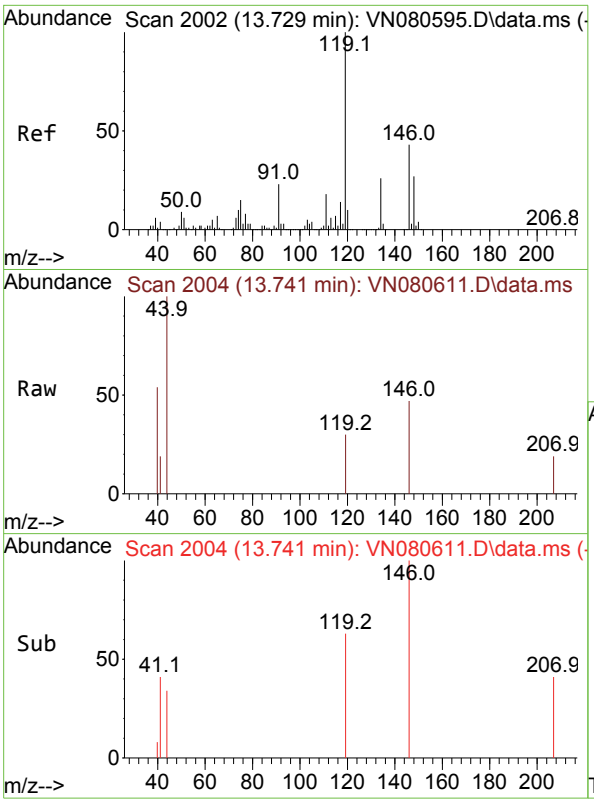


#81
trans-1,4-Dichloro-2-butene
Concen: 68.353 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion: 75 Resp: 139769

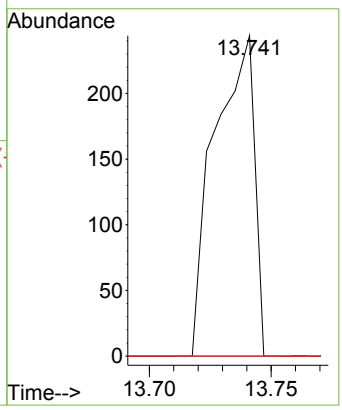
Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.4	101.2#
89	0.1	38.8	58.2#





#86
p-Isopropyltoluene
Concen: 0.473 ug/l
RT: 13.741 min Scan# 2
Delta R.T. 0.012 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion:119 Resp: 277

Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.6	37.8#
91	0.0	12.4	37.2#