Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022823\
Data File : VN076833.D
Acq On : 28 Feb 2023 17:21
Operator : JC\MD
Sample : PB151081ZHE#05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Quant Time: Mar 01 01:30:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.231	168	329596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	607196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	583931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	220481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	236126	51.882	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.760%			
35) Dibromofluoromethane	8.172	113	179409	45.118	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.240%			
50) Toluene-d8	10.566	98	758437	51.073	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.140%			
62) 4-Bromofluorobenzene	12.848	95	237059	48.198	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.400%			
Target Compounds						Qvalue
5) Bromomethane	2.984	94	715	0.263	ug/l #	70
6) Chloroethane	3.143	64	635	0.224	ug/l #	44
11) Tert butyl alcohol	5.542	59	877	1.460	ug/l #	71
13) Acrolein	4.184	56	198	0.220	ug/l #	14
16) Acetone	4.443	43	87202	42.894	ug/l	89
18) Methyl Acetate	5.037	43	6751	1.017	ug/l #	68
20) Methylene Chloride	5.295	84	29287	6.874	ug/l	89
25) 2-Butanone	7.495	43	9596	3.200	ug/l	97
29) Tetrahydrofuran	7.854	42	825	0.421	ug/l #	66
31) Cyclohexane	8.231	56	8743	1.225	ug/l #	27
36) 1,1-Dichloropropene	8.231	75	29647	5.160	ug/l #	50
37) Ethyl Acetate	7.566	43	59421	9.830	ug/l	97
38) Carbon Tetrachloride	8.231	117	34315	5.921	ug/l #	17
42) 1,2-Dichloroethane	8.683	62	2633	0.428	ug/l #	74
43) Isopropyl Acetate	8.689	43	485093	49.317	ug/l #	76
45) 1,2-Dichloropropane	9.742	63	3267	0.699	ug/l #	44
48) Methyl methacrylate	9.678	41	7644	1.638	ug/l #	48
49) 1,4-Dioxane	9.754	88	96	1.189	ug/l #	1
51) 4-Methyl-2-Pentanone	10.442	43	24406	3.900	ug/l #	80
53) t-1,3-Dichloropropene	10.736	75	1891	0.327	ug/l #	54
54) cis-1,3-Dichloropropene	10.360	75	82333	12.353	ug/l #	69
57) 1,3-Dichloropropane	11.201	76	11836	1.591	ug/l #	42
59) 2-Hexanone	11.201	43	178499	39.557	ug/l #	54
71) Bromoform	12.842	173	2539	0.770	ug/l #	1
74) N-amyl acetate	12.307	43	62571	8.590	ug/l #	55
76) 1,2,3-Trichloropropane	12.848	75	133568	29.965	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	133568	87.274	ug/l #	4

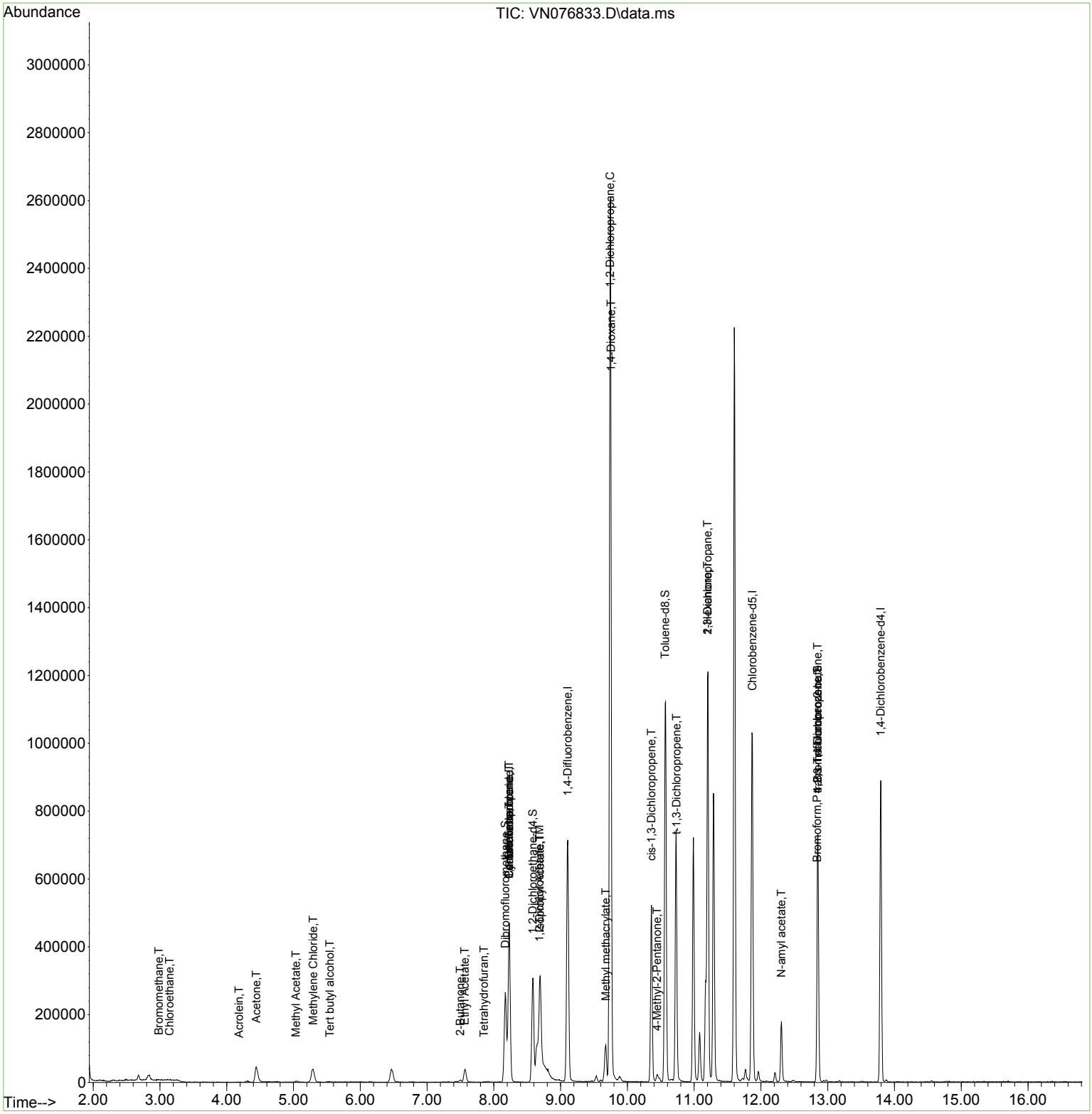
(#) = qualifier out of range (m) = manual integration (+) = signals summed

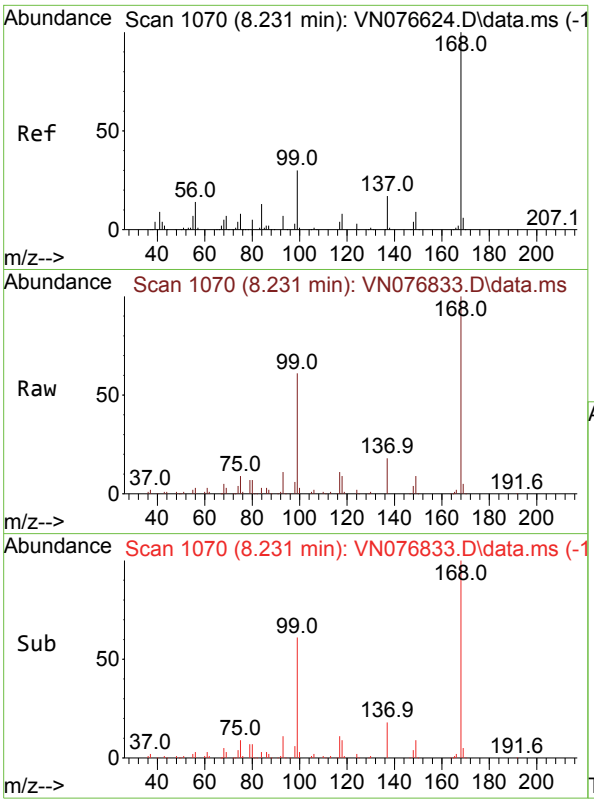
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022823\
Data File : VN076833.D
Acq On : 28 Feb 2023 17:21
Operator : JC\MD
Sample : PB151081ZHE#05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Quant Time: Mar 01 01:30:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration



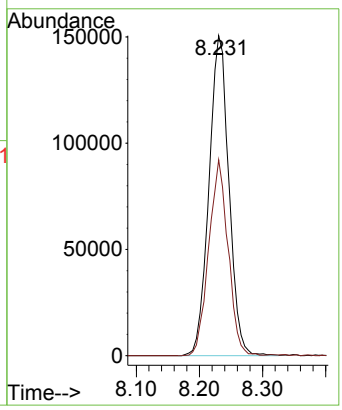


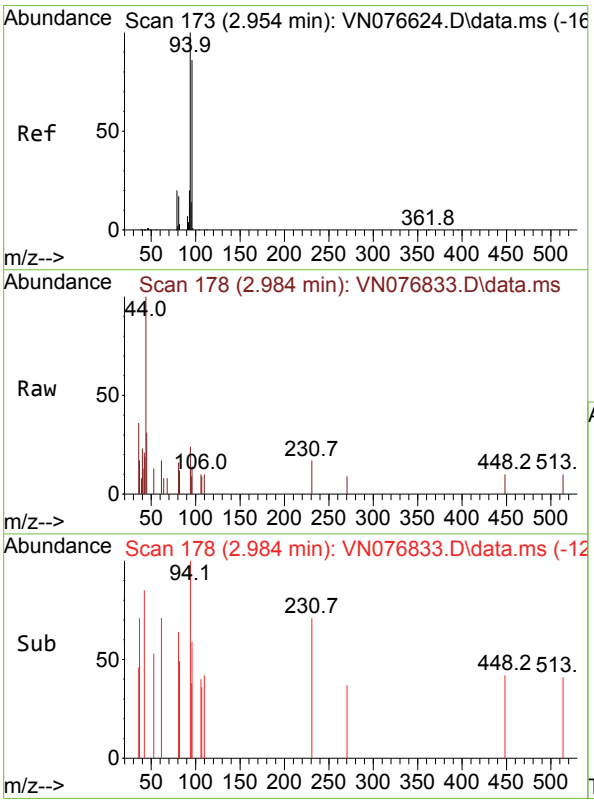
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Tgt Ion:168 Resp: 329596

Ion	Ratio	Lower	Upper
168	100		
99	61.2	44.8	67.2

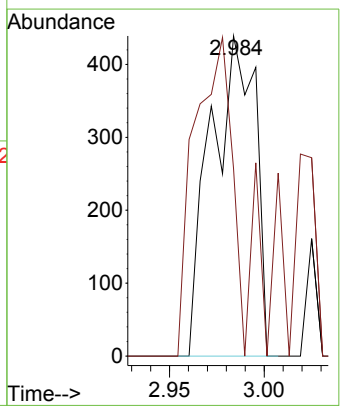


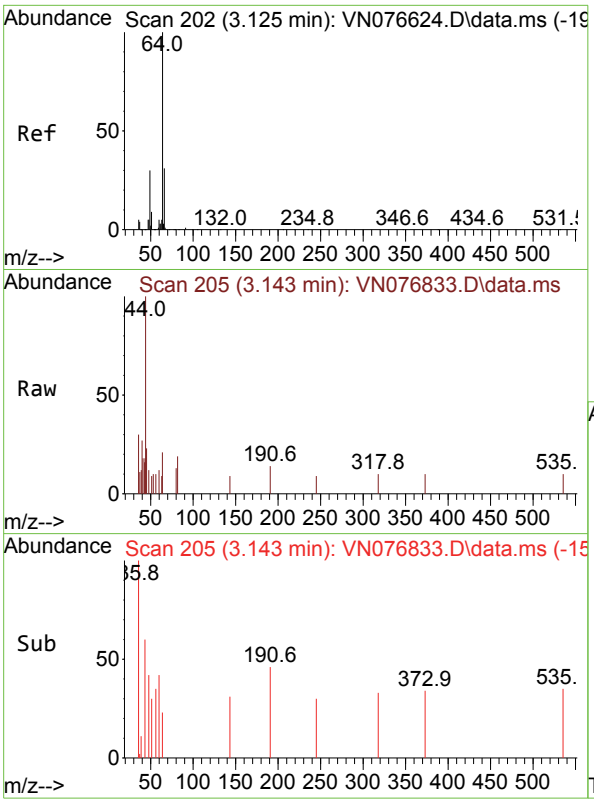


#5
Bromomethane
Concen: 0.263 ug/l
RT: 2.984 min Scan# 178
Delta R.T. 0.030 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Tgt Ion: 94 Resp: 715

Ion	Ratio	Lower	Upper
94	100		
96	58.5	69.0	103.4#



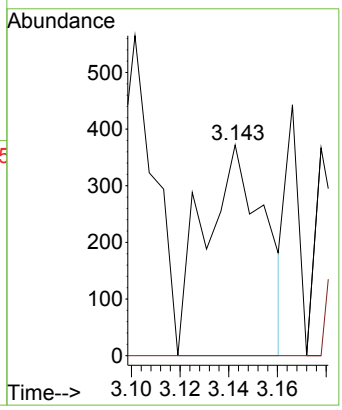


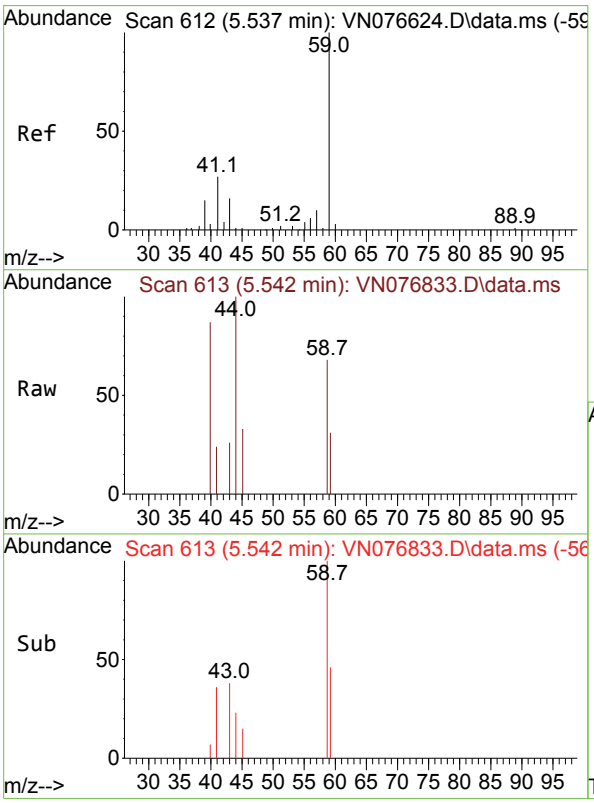
#6
Chloroethane
Concen: 0.224 ug/l
RT: 3.143 min Scan# 2
Delta R.T. 0.018 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Tgt Ion: 64 Resp: 635

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	37.0#

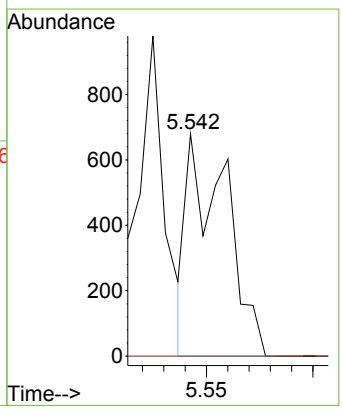


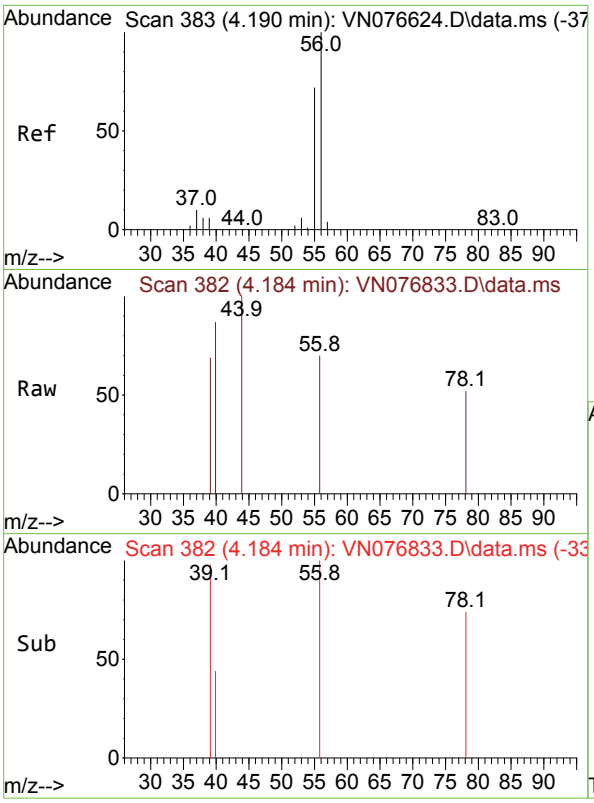


#11
Tert butyl alcohol
Concen: 1.460 ug/l
RT: 5.542 min Scan# 613
Delta R.T. 0.005 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Tgt Ion: 59 Resp: 877

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



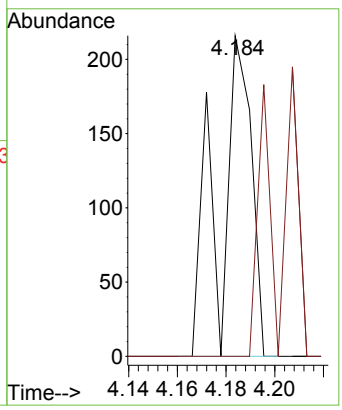


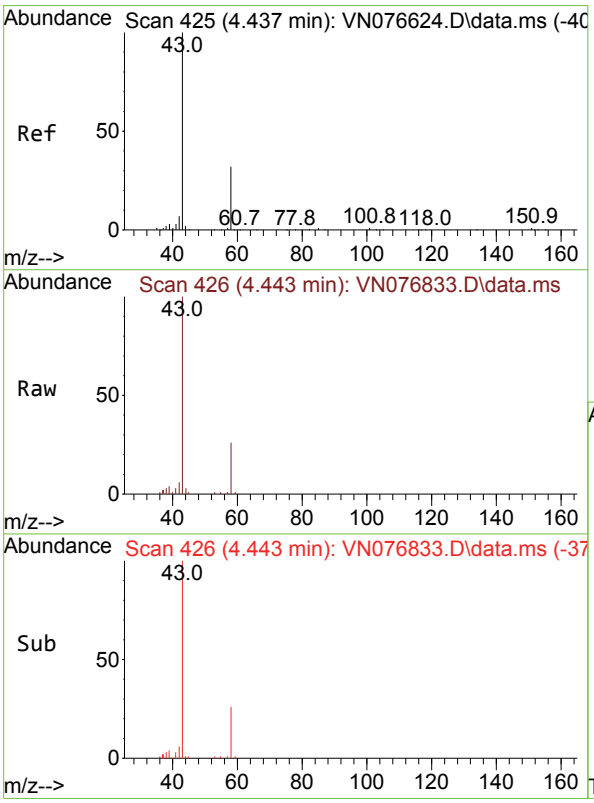
#13
Acrolein
Concen: 0.220 ug/l
RT: 4.184 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Tgt Ion: 56 Resp: 198

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.3	84.5#

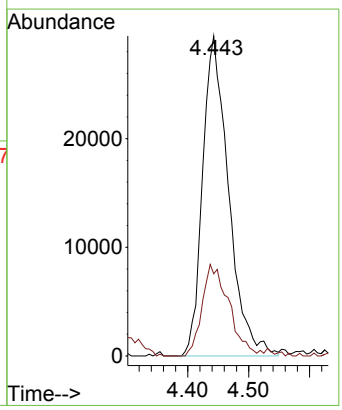


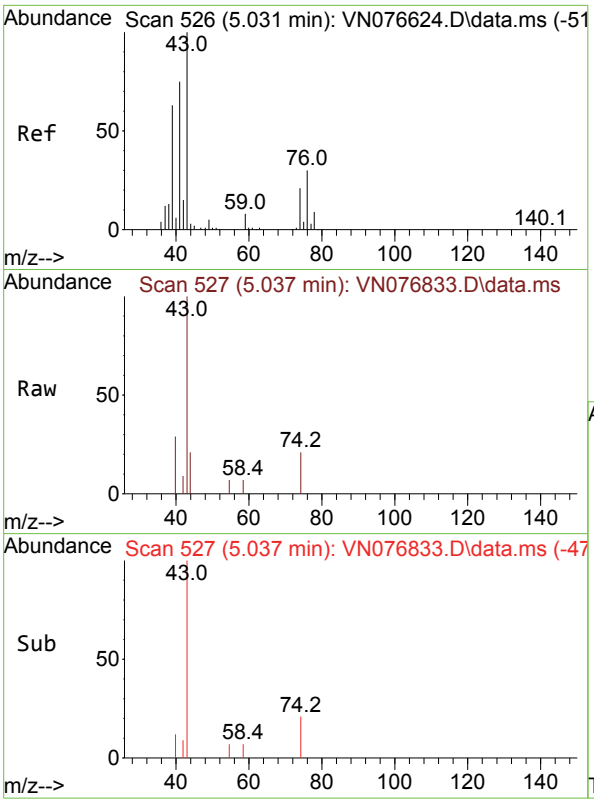


#16
Acetone
Concen: 42.894 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Tgt Ion: 43 Resp: 87202

Ion	Ratio	Lower	Upper
43	100		
58	26.0	25.9	38.9



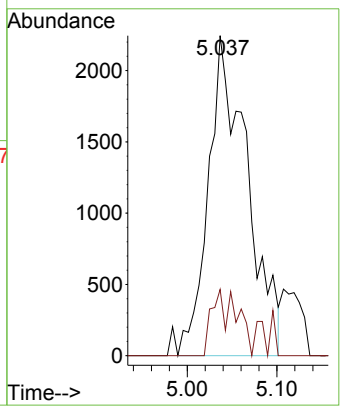


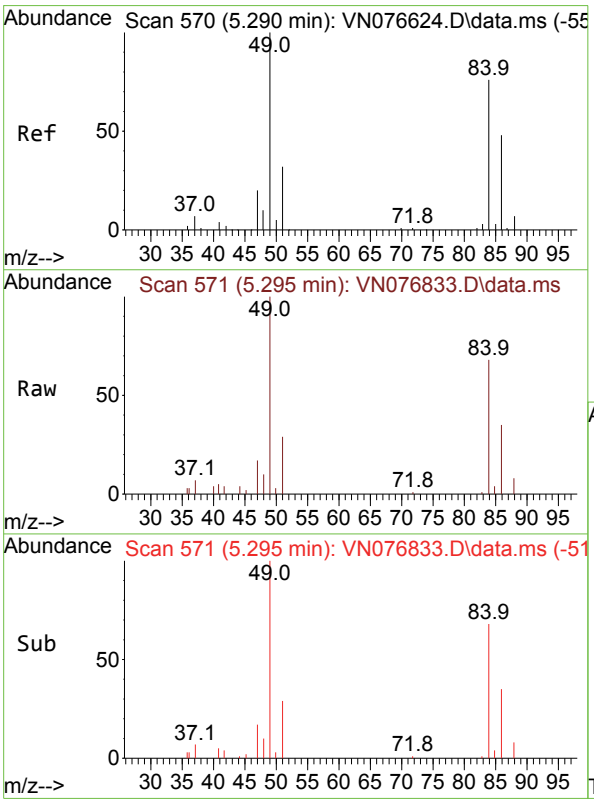
#18
Methyl Acetate
Concen: 1.017 ug/l
RT: 5.037 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Tgt Ion: 43 Resp: 6751

Ion	Ratio	Lower	Upper
43	100		
74	6.8	17.7	26.5#

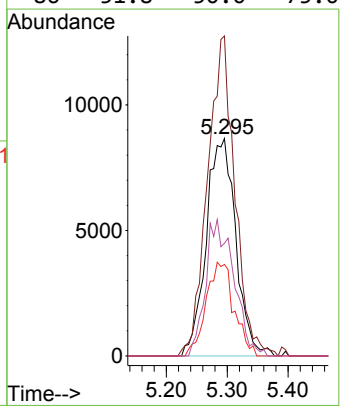


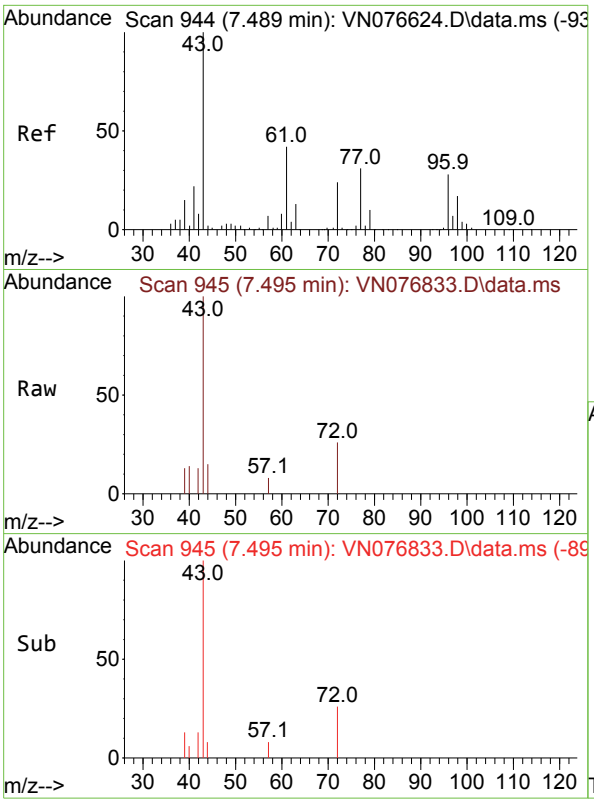


#20
Methylene Chloride
Concen: 6.874 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.005 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Tgt Ion: 84 Resp: 29287

Ion	Ratio	Lower	Upper
84	100		
49	147.1	104.9	157.3
51	42.1	33.8	50.8
86	51.8	50.0	75.0



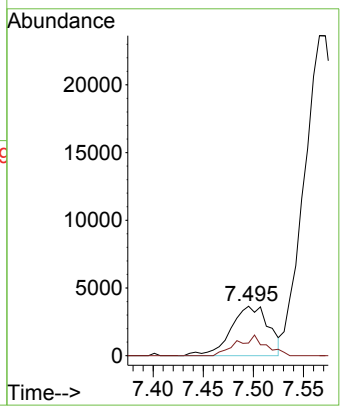


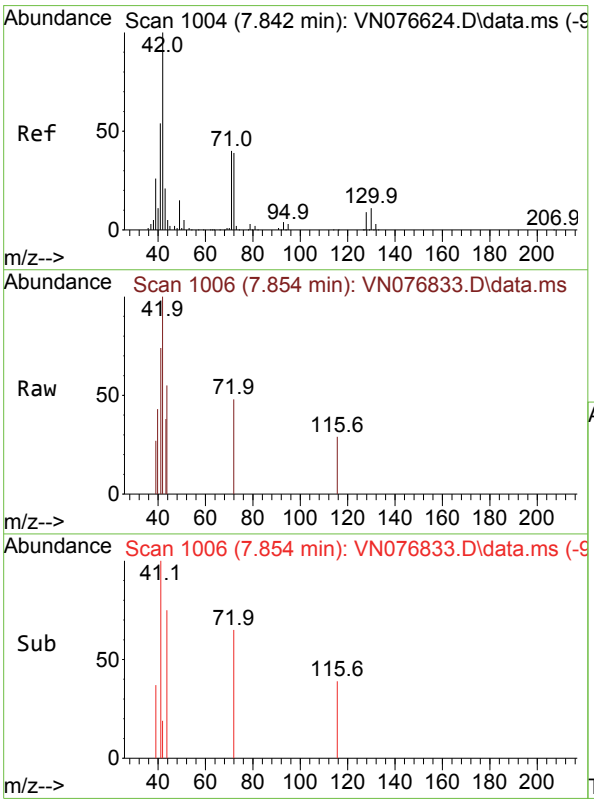
#25
2-Butanone
Concen: 3.200 ug/l
RT: 7.495 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Tgt Ion: 43 Resp: 9596

Ion	Ratio	Lower	Upper
43	100		
72	25.6	19.4	29.2

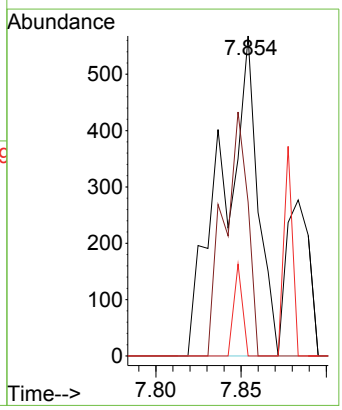


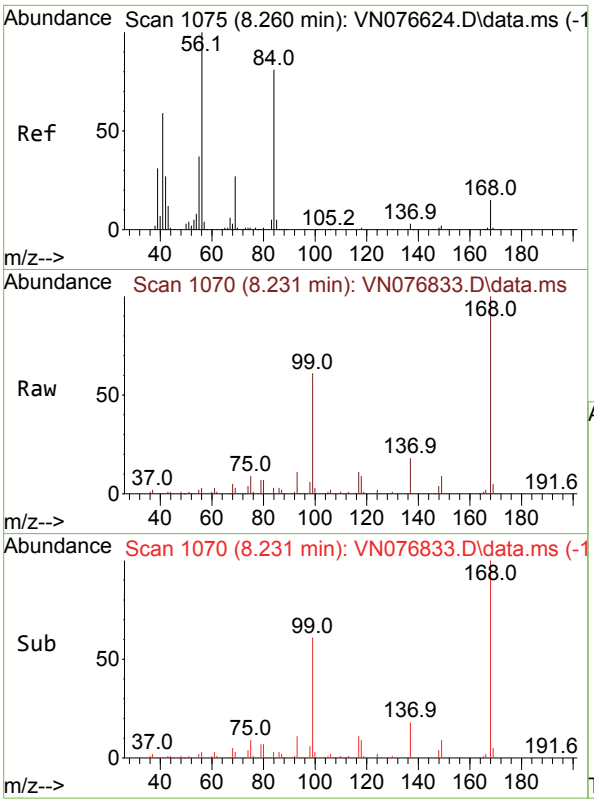


#29
Tetrahydrofuran
Concen: 0.421 ug/l
RT: 7.854 min Scan# 1006
Delta R.T. 0.012 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Tgt Ion: 42 Resp: 825

Ion	Ratio	Lower	Upper
42	100		
72	50.8	31.5	47.3#
71	6.9	29.8	44.8#



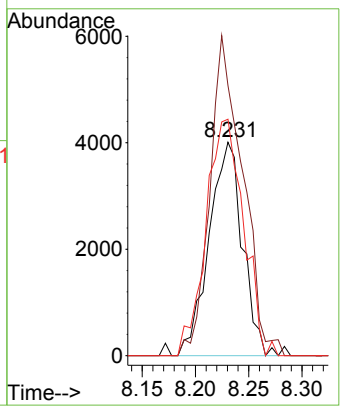


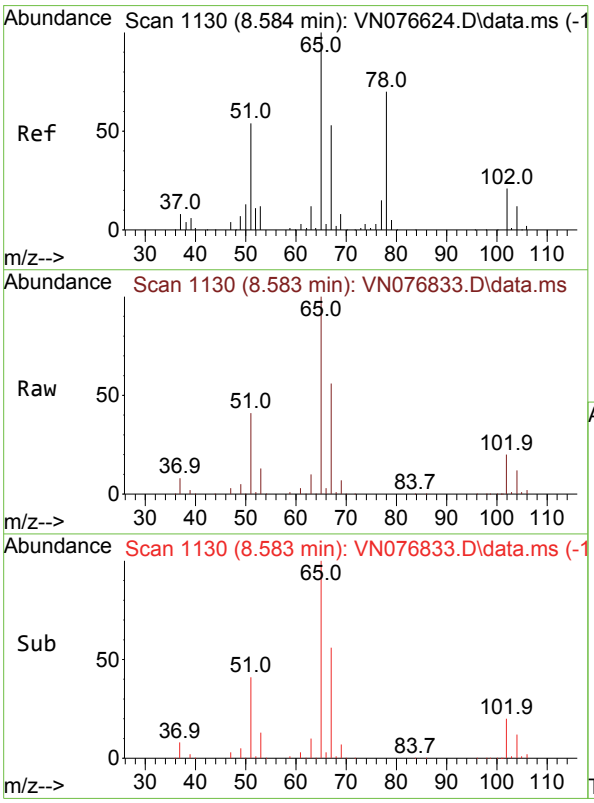
#31
Cyclohexane
Concen: 1.225 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Tgt Ion: 56 Resp: 8743

Ion	Ratio	Lower	Upper
56	100		
69	126.6	21.6	32.4#
84	110.7	65.1	97.7#

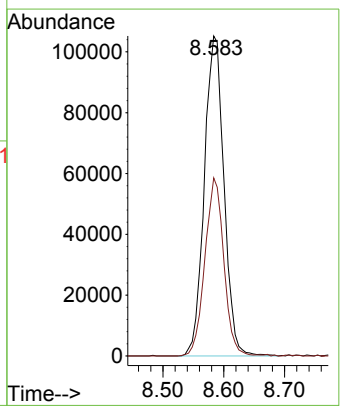


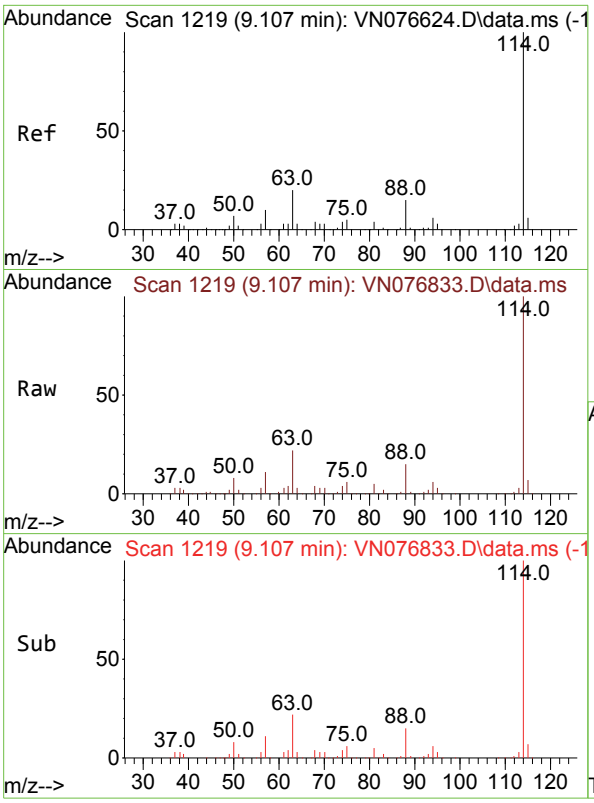


#33
1,2-Dichloroethane-d4
Concen: 51.882 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Tgt Ion: 65 Resp: 236126

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.6



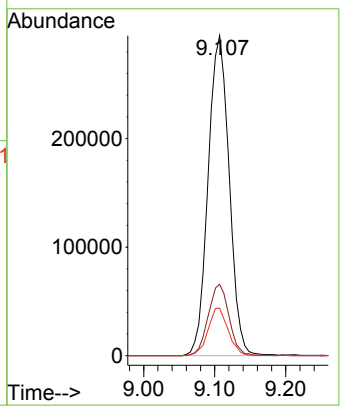


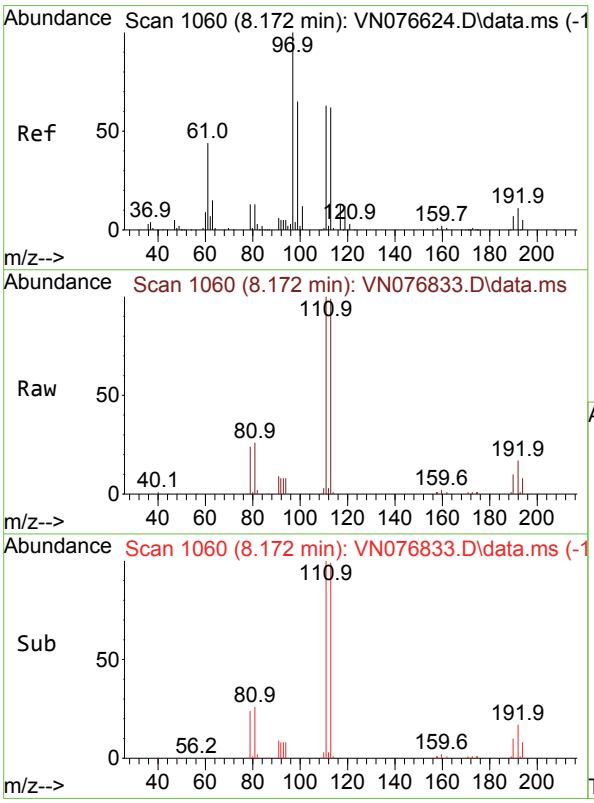
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Tgt Ion:114 Resp: 607196

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	40.0
88	14.8	0.0	29.6

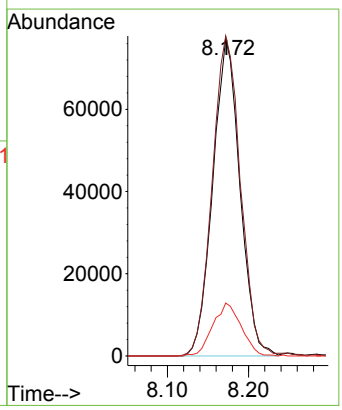


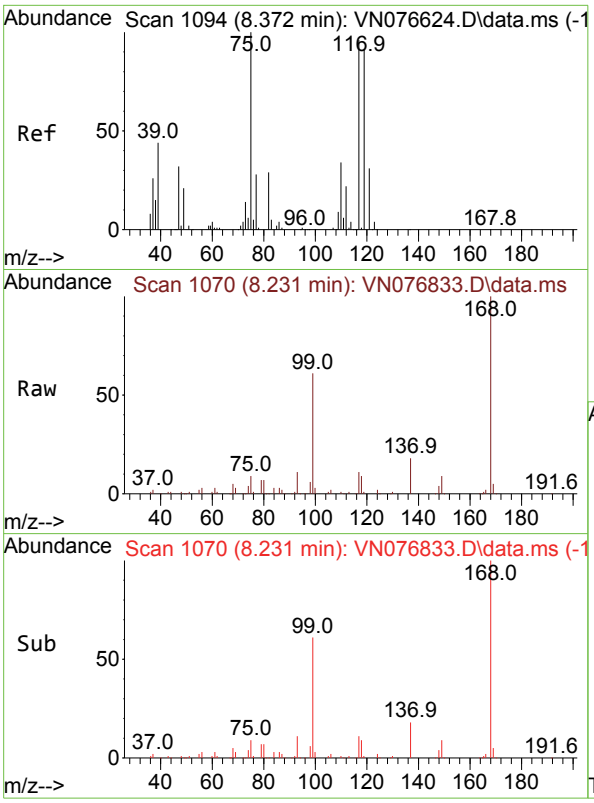


#35
Dibromofluoromethane
Concen: 45.118 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Tgt Ion:113 Resp: 179409

Ion	Ratio	Lower	Upper
113	100		
111	105.0	83.1	124.7
192	17.5	15.6	23.4



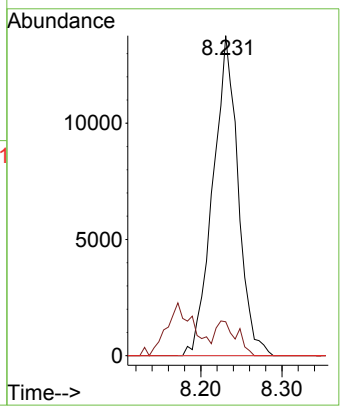


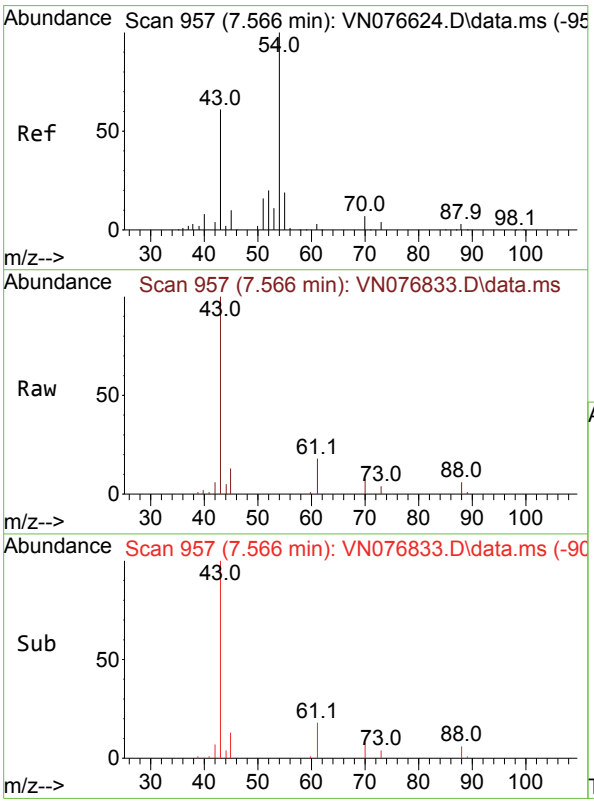
#36
1,1-Dichloropropene
Concen: 5.160 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Tgt Ion: 75 Resp: 29647

Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.5	52.5#
77	0.0	24.5	36.7#

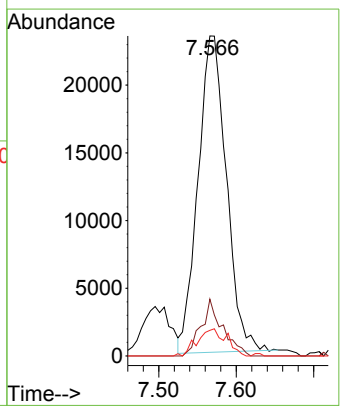


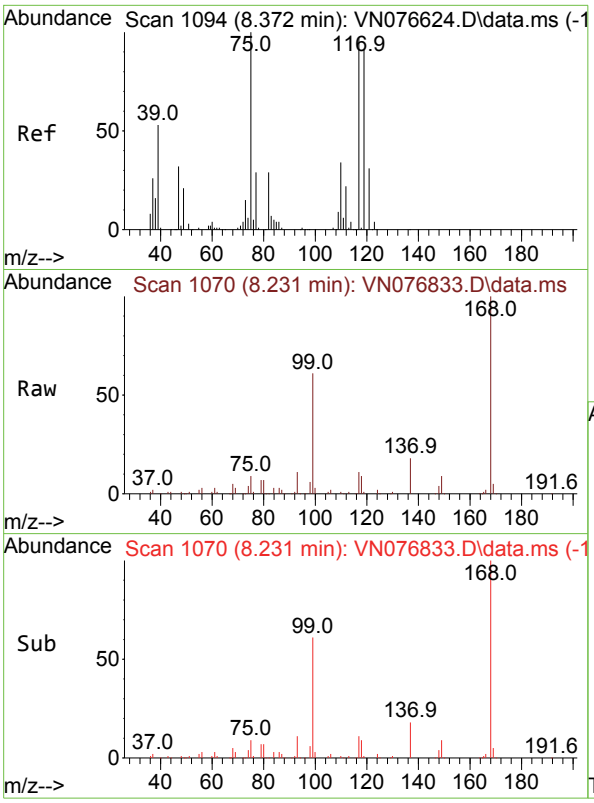


#37
Ethyl Acetate
Concen: 9.830 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Tgt Ion: 43 Resp: 59421

Ion	Ratio	Lower	Upper
43	100		
61	13.7	9.9	14.9
70	8.8	7.8	11.6



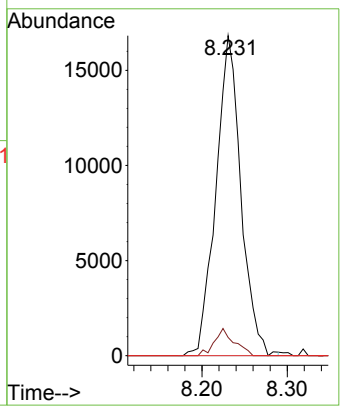


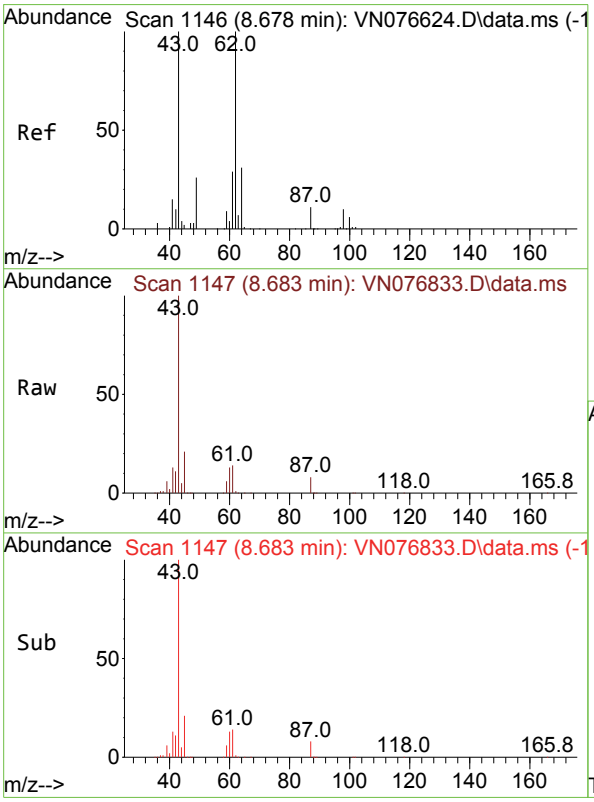
#38
Carbon Tetrachloride
Concen: 5.921 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Tgt Ion:117 Resp: 34315

Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.4	113.0#
121	0.0	26.0	39.0#

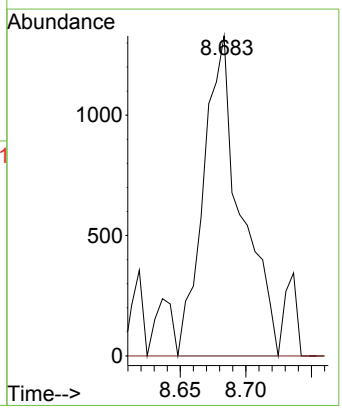


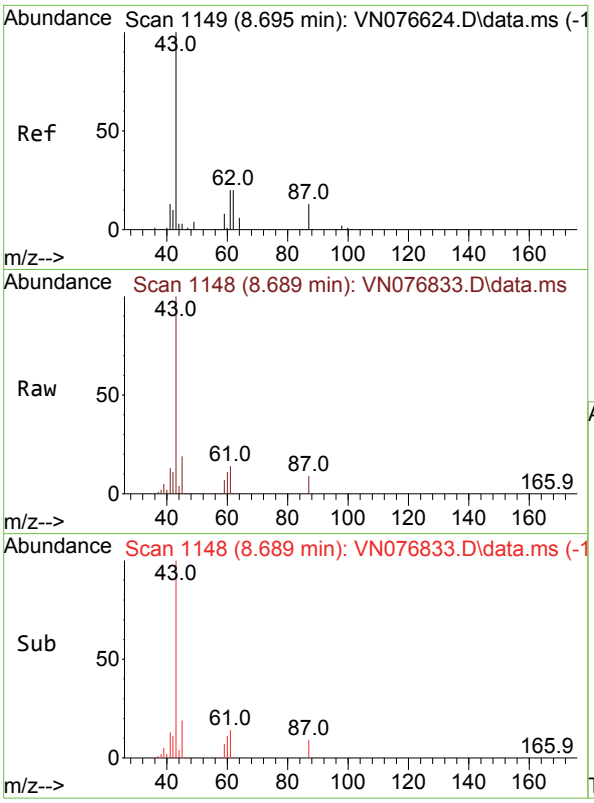


#42
1,2-Dichloroethane
Concen: 0.428 ug/l
RT: 8.683 min Scan# 1147
Delta R.T. 0.005 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Tgt Ion: 62 Resp: 2633

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.2



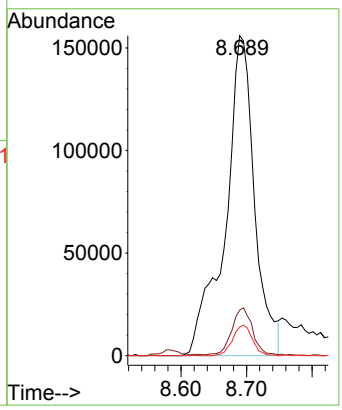


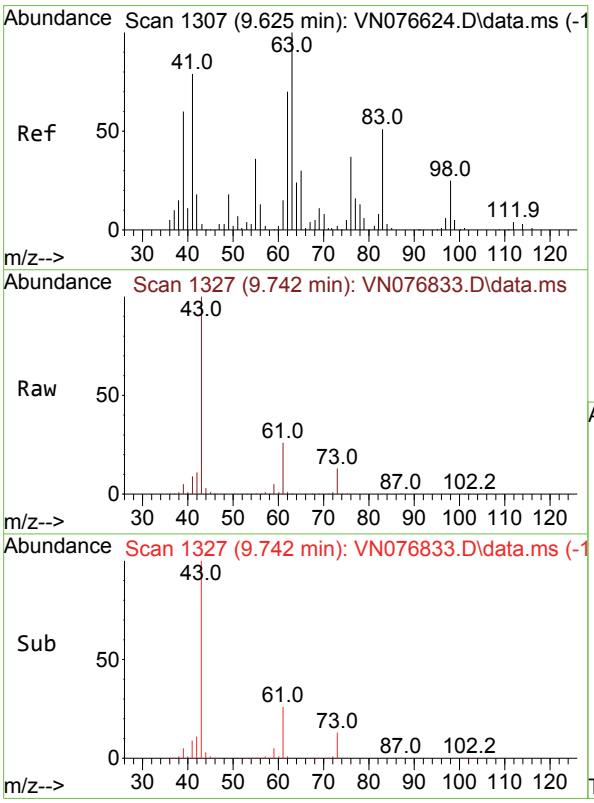
#43
Isopropyl Acetate
Concen: 49.317 ug/l
RT: 8.689 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Tgt Ion: 43 Resp: 485093

Ion	Ratio	Lower	Upper
43	100		
61	11.0	20.0	30.0#
87	6.4	9.9	14.9#

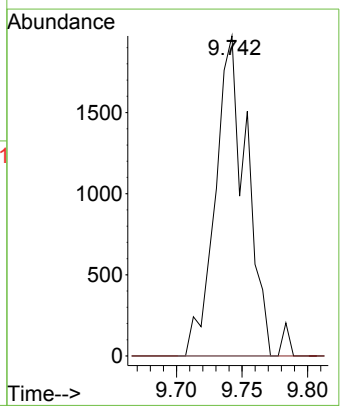


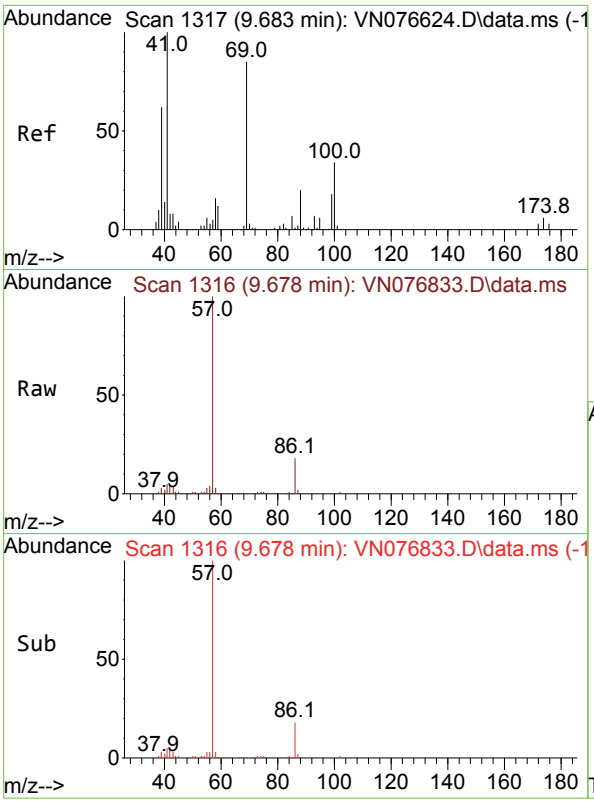


#45
1,2-Dichloropropane
Concen: 0.699 ug/l
RT: 9.742 min Scan# 1327
Delta R.T. 0.117 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Tgt Ion: 63 Resp: 3267

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.2	36.2#



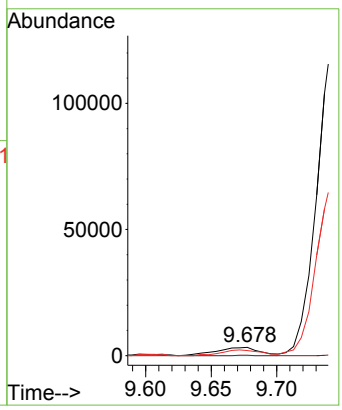


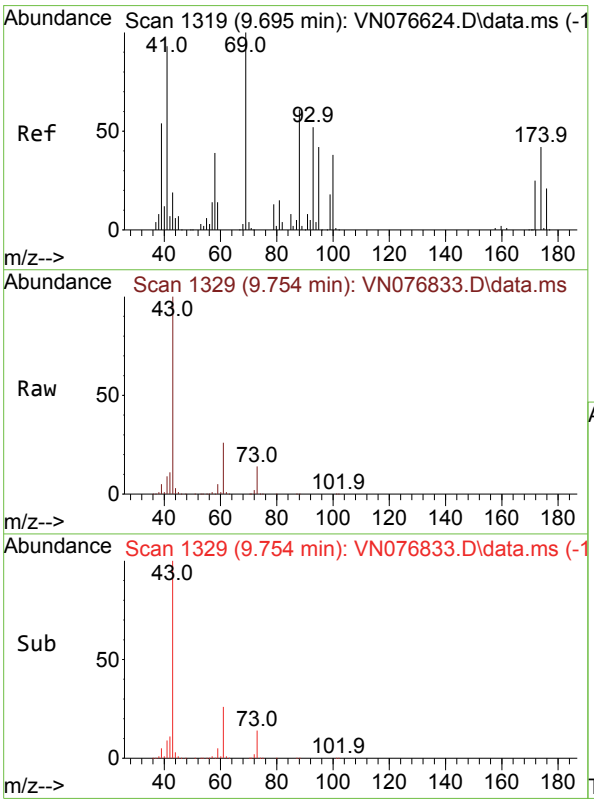
#48
Methyl methacrylate
Concen: 1.638 ug/l
RT: 9.678 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Tgt Ion: 41 Resp: 7644

Ion	Ratio	Lower	Upper
41	100		
69	1.7	65.4	98.0#
39	63.7	49.3	73.9

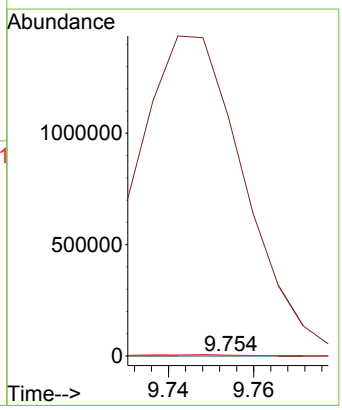


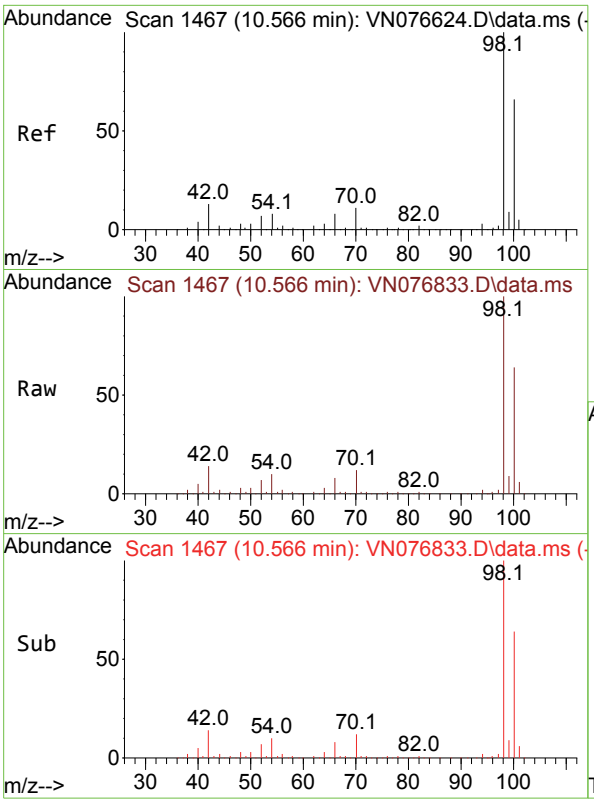


#49
1,4-Dioxane
Concen: 1.189 ug/l
RT: 9.754 min Scan# 1329
Delta R.T. 0.059 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Tgt Ion: 88 Resp: 96

Ion	Ratio	Lower	Upper
88	100		
43	2772490.6	22.6	33.8#
58	11029.2	57.6	86.4#



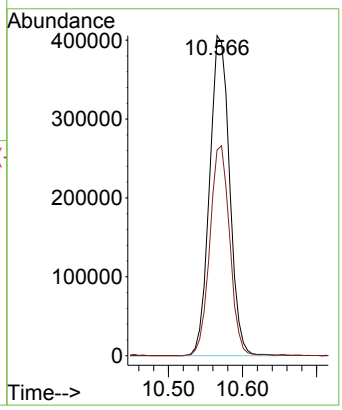


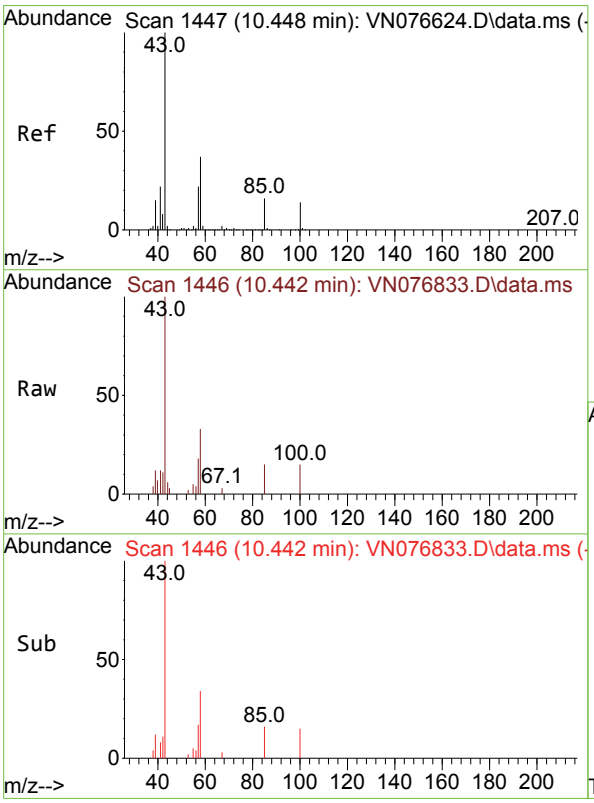
#50
Toluene-d8
Concen: 51.073 ug/l
RT: 10.566 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Tgt Ion: 98 Resp: 758437

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.9	79.3

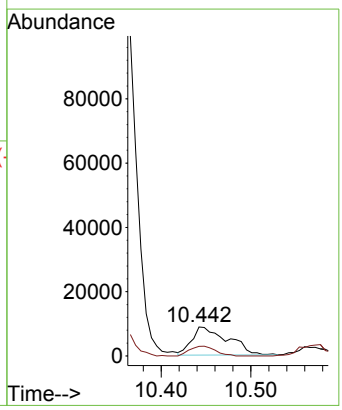


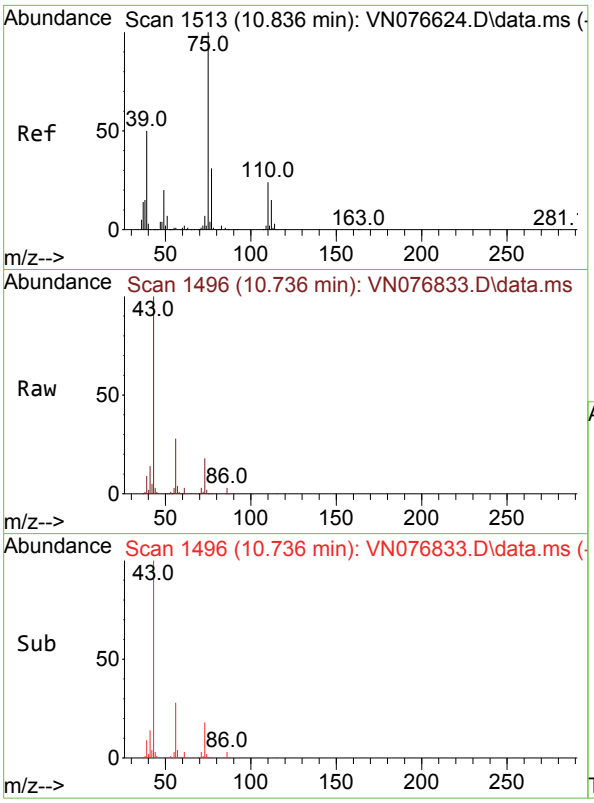


#51
4-Methyl-2-Pentanone
Concen: 3.900 ug/l
RT: 10.442 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Tgt Ion: 43 Resp: 24406

Ion	Ratio	Lower	Upper
43	100		
58	24.9	29.5	44.3#



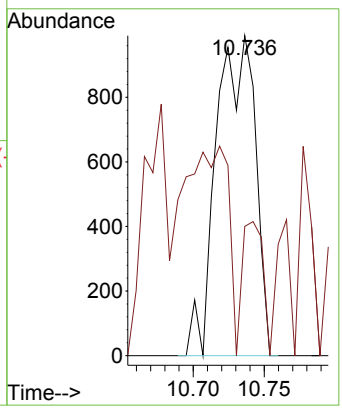


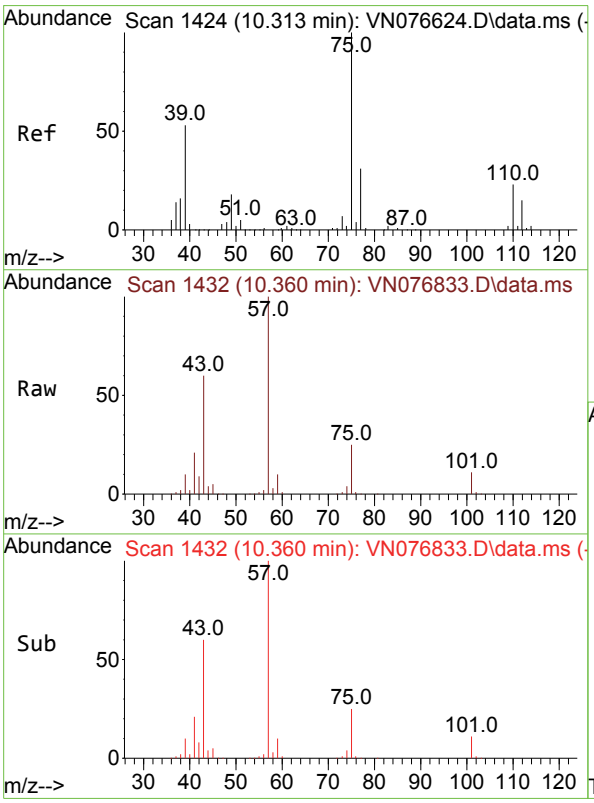
#53
t-1,3-Dichloropropene
Concen: 0.327 ug/l
RT: 10.736 min Scan# 14
Delta R.T. -0.100 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Tgt Ion: 75 Resp: 1891

Ion	Ratio	Lower	Upper
75	100		
77	5.5	24.6	37.0#

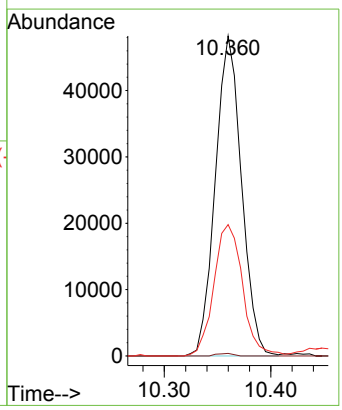


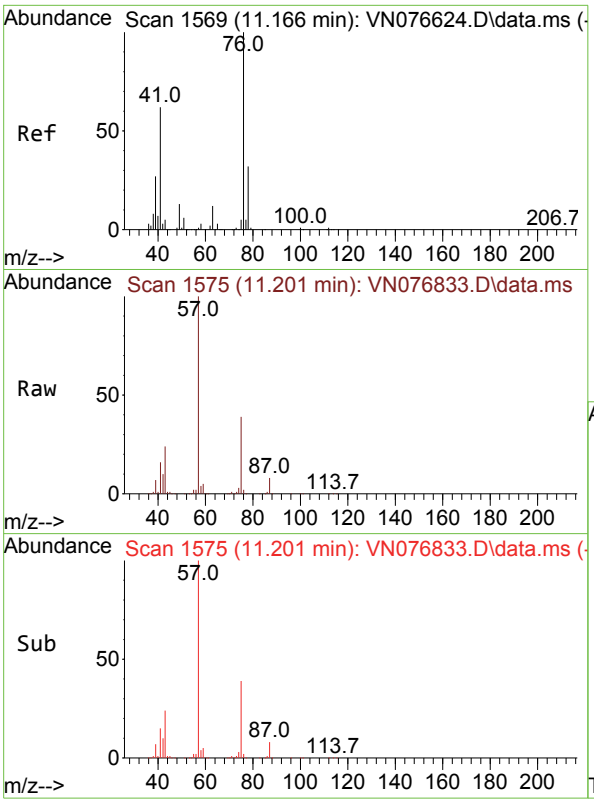


#54
cis-1,3-Dichloropropene
Concen: 12.353 ug/l
RT: 10.360 min Scan# 1432
Delta R.T. 0.047 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Tgt Ion: 75 Resp: 82333

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.1	37.7#
39	41.1	42.3	63.5#



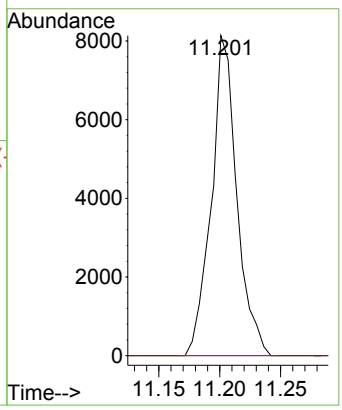


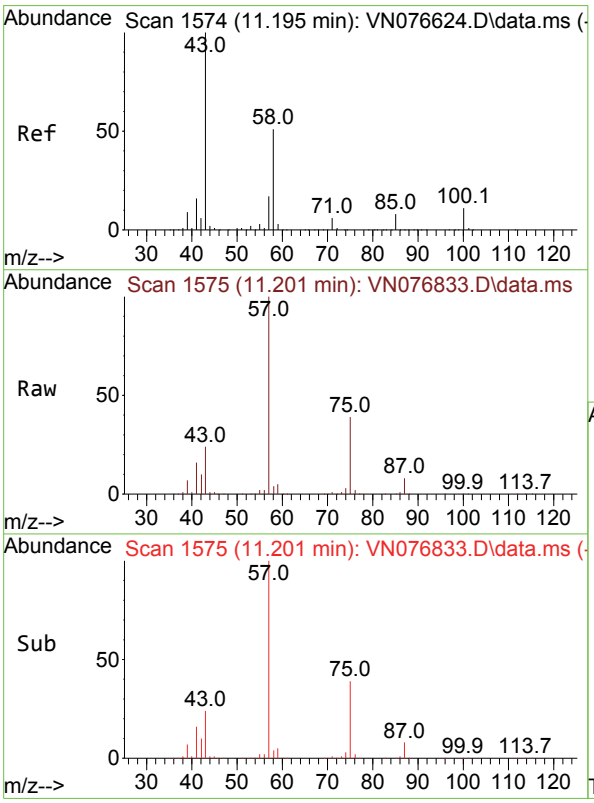
#57
1,3-Dichloropropane
Concen: 1.591 ug/l
RT: 11.201 min Scan# 1
Delta R.T. 0.035 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Tgt Ion: 76 Resp: 11836

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.1	39.1#

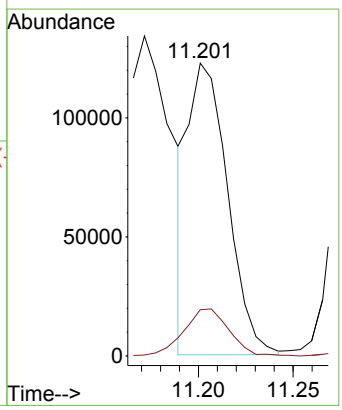


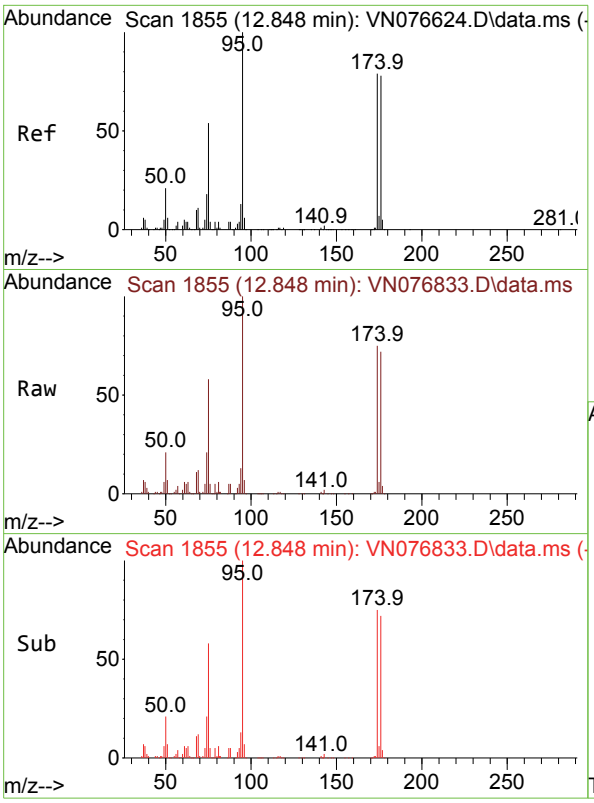


#59
2-Hexanone
Concen: 39.557 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Tgt Ion: 43 Resp: 178499

Ion	Ratio	Lower	Upper
43	100		
58	18.6	25.4	76.0#



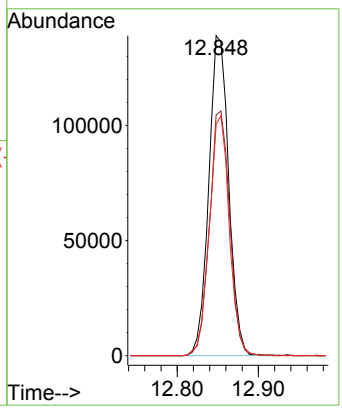


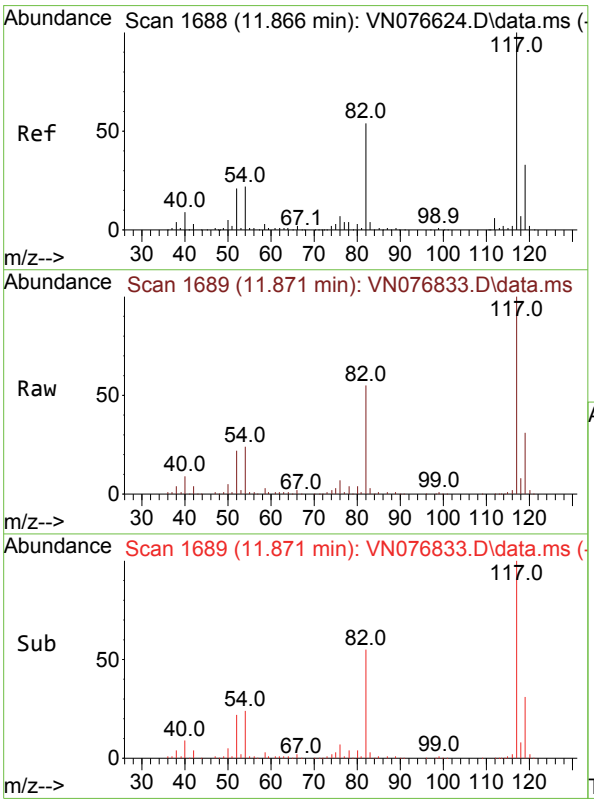
#62
4-Bromofluorobenzene
Concen: 48.198 ug/l
RT: 12.848 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Tgt Ion: 95 Resp: 237059

Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	169.2
176	74.7	0.0	163.4

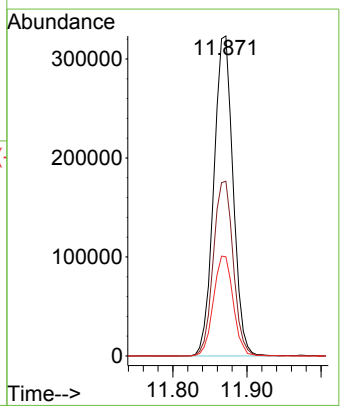


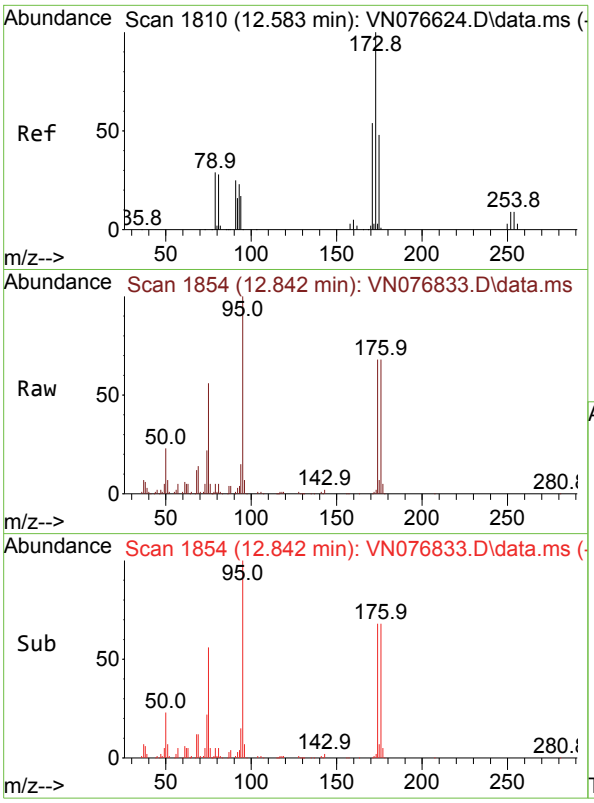


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Tgt Ion:117 Resp: 583931

Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.4	65.2
119	31.0	26.1	39.1



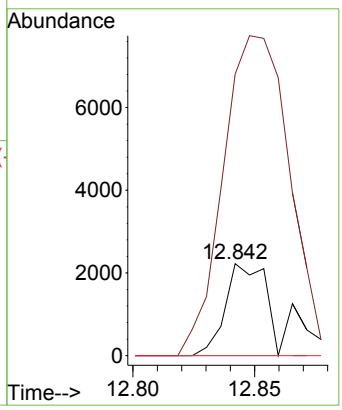


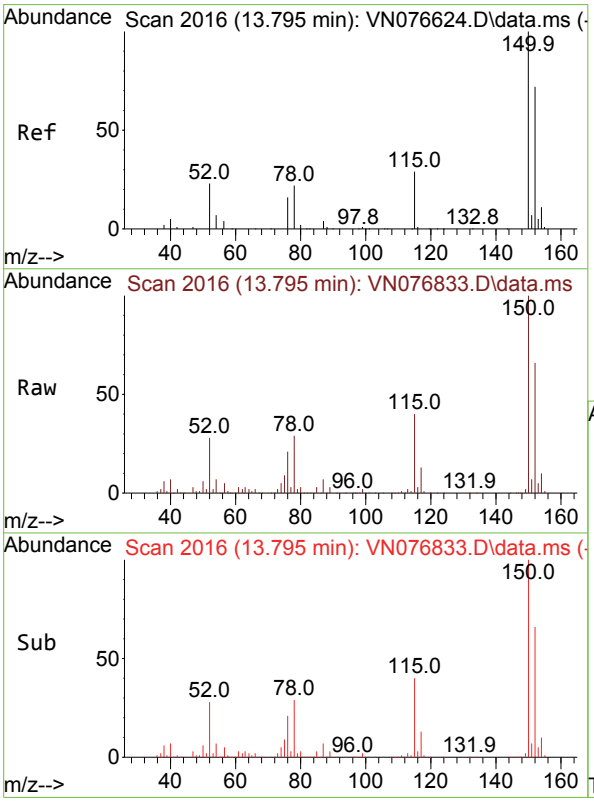
#71
Bromoform
Concen: 0.770 ug/l
RT: 12.842 min Scan# 1
Delta R.T. 0.259 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Tgt Ion:173 Resp: 2539

Ion	Ratio	Lower	Upper
173	100		
175	487.4	24.9	74.7#
254	0.0	0.1	0.1#

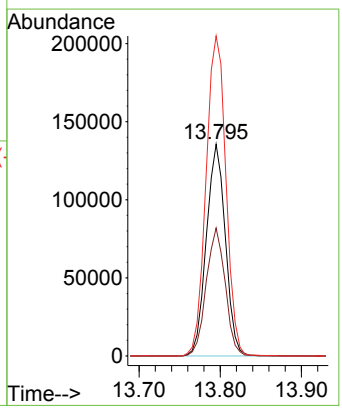


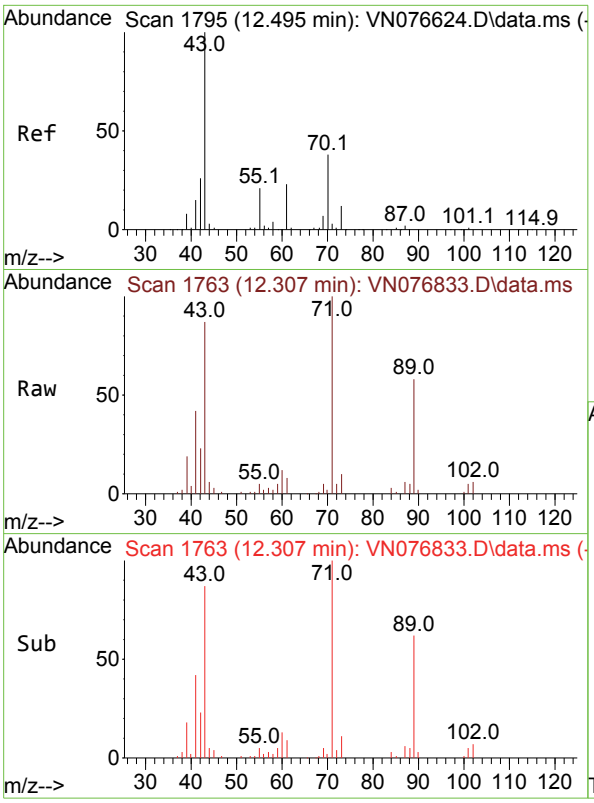


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Tgt Ion:152 Resp: 220481

Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.3	87.9
150	157.7	0.0	349.8



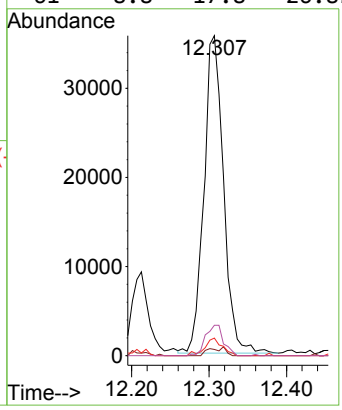


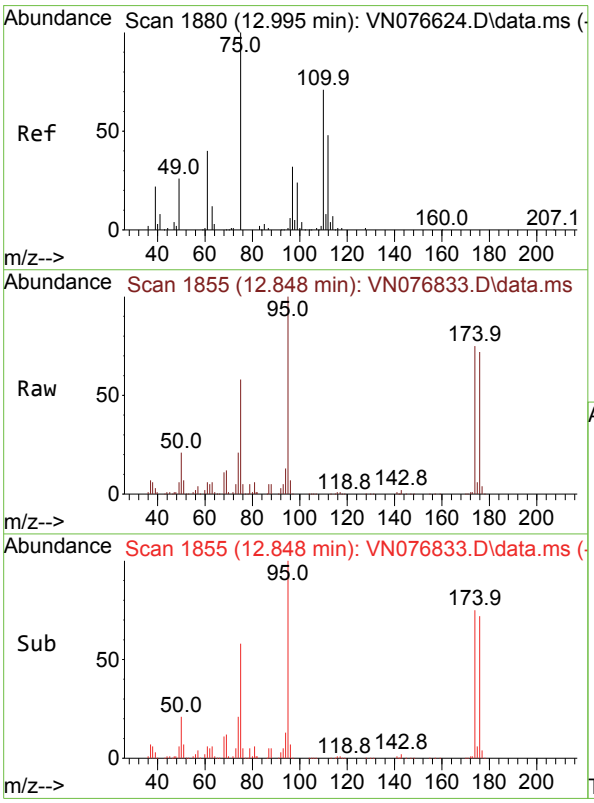
#74
N-amyl acetate
Concen: 8.590 ug/l
RT: 12.307 min Scan# 1
Delta R.T. -0.188 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Tgt Ion: 43 Resp: 62571

Ion	Ratio	Lower	Upper
43	100		
70	2.2	30.5	45.7#
55	4.9	17.8	26.8#
61	8.8	17.8	26.8#

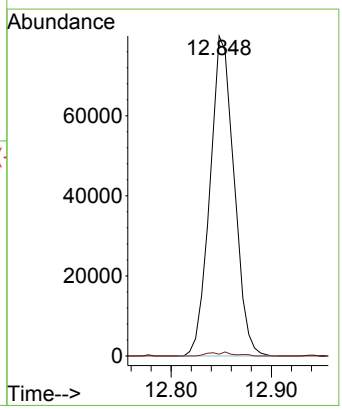


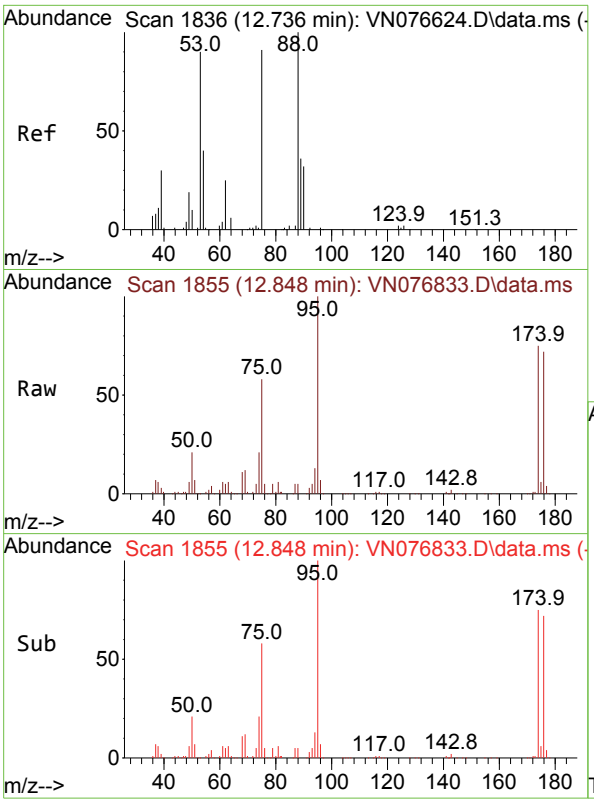


#76
1,2,3-Trichloropropane
Concen: 29.965 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Tgt Ion: 75 Resp: 133568

Ion	Ratio	Lower	Upper
75	100		
77	0.6	93.1	279.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.274 ug/l
RT: 12.848 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN076833.D
Acq: 28 Feb 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#05

Tgt Ion: 75 Resp: 133568

Ion	Ratio	Lower	Upper
75	100		
53	0.1	92.1	138.1#
89	0.0	37.5	56.3#