Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
Data File : VN082167.D
Acq On : 16 May 2024 17:18
Operator : JC\MD
Sample : PB160937ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Quant Time: May 17 05:05:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 04:08:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	170669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	142877	53.017	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.040%			
35) Dibromofluoromethane	8.171	113	97109	51.052	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.100%			
50) Toluene-d8	10.571	98	391140	53.635	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.260%			
62) 4-Bromofluorobenzene	12.853	95	131719	50.604	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 101.200%			
Target Compounds						Qvalue
5) Bromomethane	2.995	94	515	0.342	ug/l #	57
6) Chloroethane	3.148	64	630	0.368	ug/l #	44
11) Tert butyl alcohol	5.518	59	148	0.342	ug/l #	71
16) Acetone	4.430	43	26918	24.349	ug/l	92
17) Carbon Disulfide	4.718	76	1895	0.315	ug/l #	74
18) Methyl Acetate	5.042	43	2216	0.805	ug/l #	53
20) Methylene Chloride	5.271	84	10955	4.912	ug/l #	76
25) 2-Butanone	7.489	43	2871	1.713	ug/l #	43
29) Tetrahydrofuran	7.841	42	343	0.319	ug/l #	29
31) Cyclohexane	8.218	56	5371	1.248	ug/l #	59
36) 1,1-Dichloropropene	8.224	75	16128	5.055	ug/l #	49
37) Ethyl Acetate	7.571	43	4998	1.400	ug/l #	83
38) Carbon Tetrachloride	8.230	117	18415	5.694	ug/l #	17
42) 1,2-Dichloroethane	8.683	62	1855	0.507	ug/l #	73
43) Isopropyl Acetate	8.688	43	652087	103.078	ug/l #	62
45) 1,2-Dichloropropane	9.741	63	1666	0.679	ug/l #	45
48) Methyl methacrylate	9.671	41	5409	1.794	ug/l #	36
49) 1,4-Dioxane	9.730	88	64	1.515	ug/l #	1
51) 4-Methyl-2-Pentanone	10.441	43	13216	3.677	ug/l #	61
53) t-1,3-Dichloropropene	10.724	75	793	0.225	ug/l #	69
54) cis-1,3-Dichloropropene	10.359	75	56314	15.121	ug/l #	76
56) Ethyl methacrylate	10.982	69	1750	0.497	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	7643	1.970	ug/l #	42
59) 2-Hexanone	11.200	43	116207	44.155	ug/l #	47
71) Bromoform	12.847	173	863	0.566	ug/l #	1
74) N-amyl acetate	12.488	43	2319	0.439	ug/l #	41
76) 1,2,3-Trichloropropane	12.847	75	79264	31.178	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	79264	72.925	ug/l #	12

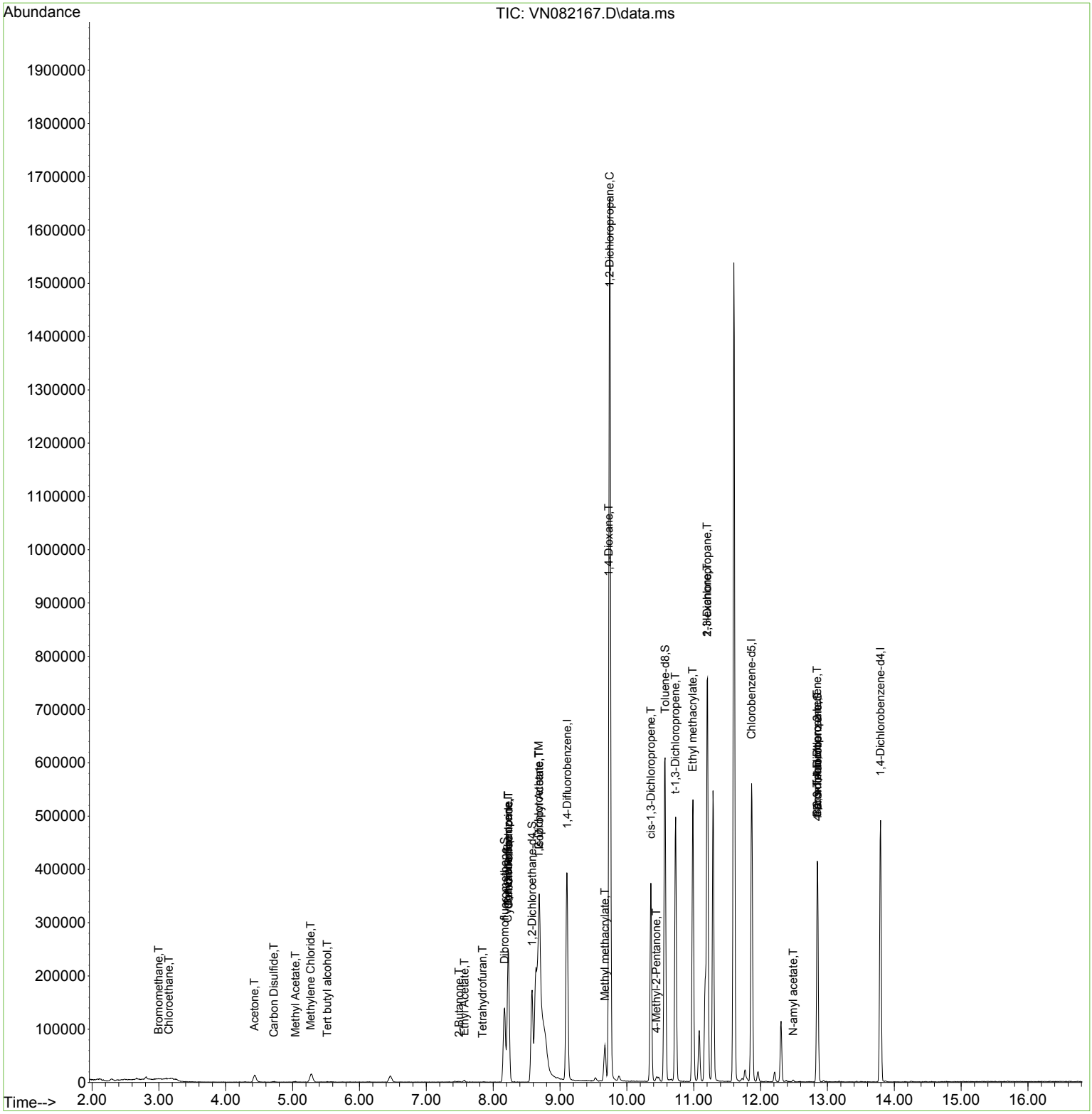
(#) = qualifier out of range (m) = manual integration (+) = signals summed

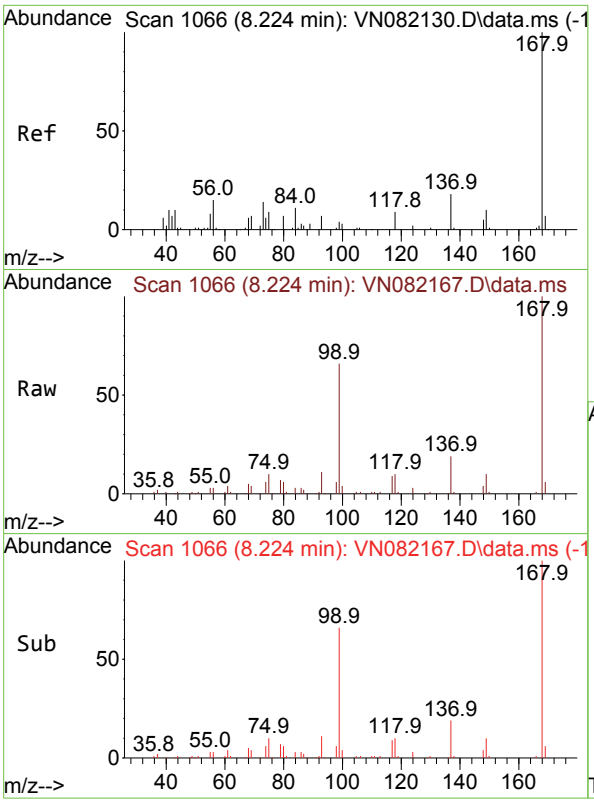
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
Data File : VN082167.D
Acq On : 16 May 2024 17:18
Operator : JC\MD
Sample : PB160937ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Quant Time: May 17 05:05:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 04:08:43 2024
Response via : Initial Calibration



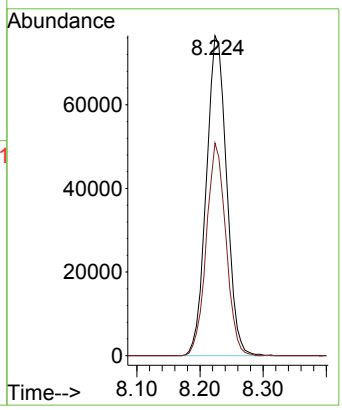


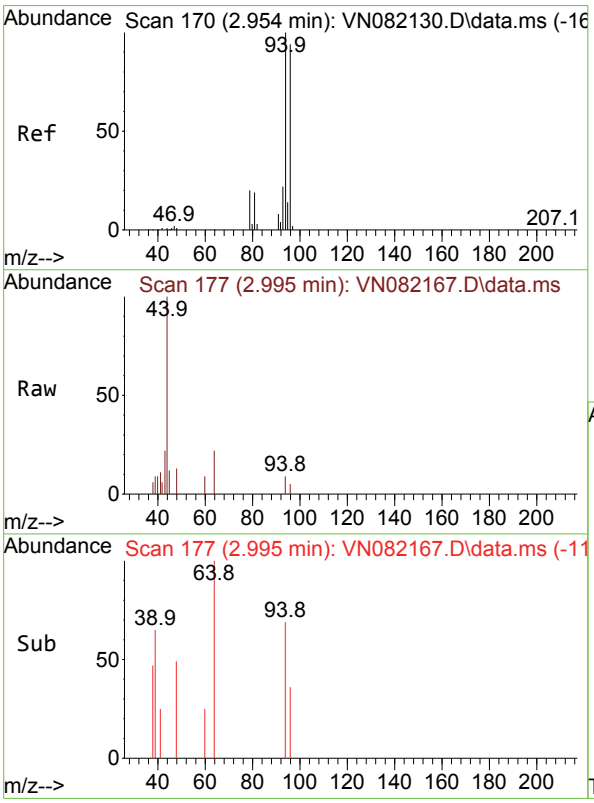
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Tgt Ion:168 Resp: 170669

Ion	Ratio	Lower	Upper
168	100		
99	66.4	48.2	72.4

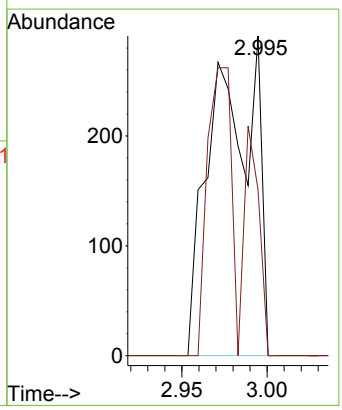


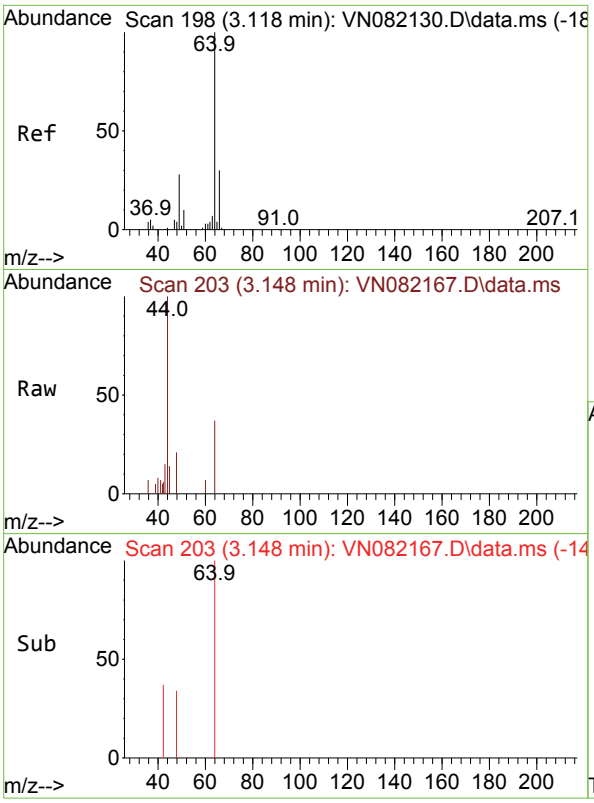


#5
Bromomethane
Concen: 0.342 ug/l
RT: 2.995 min Scan# 177
Delta R.T. 0.041 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion: 94 Resp: 515

Ion	Ratio	Lower	Upper
94	100		
96	51.9	74.8	112.2#



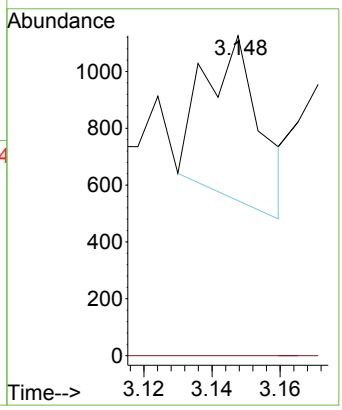


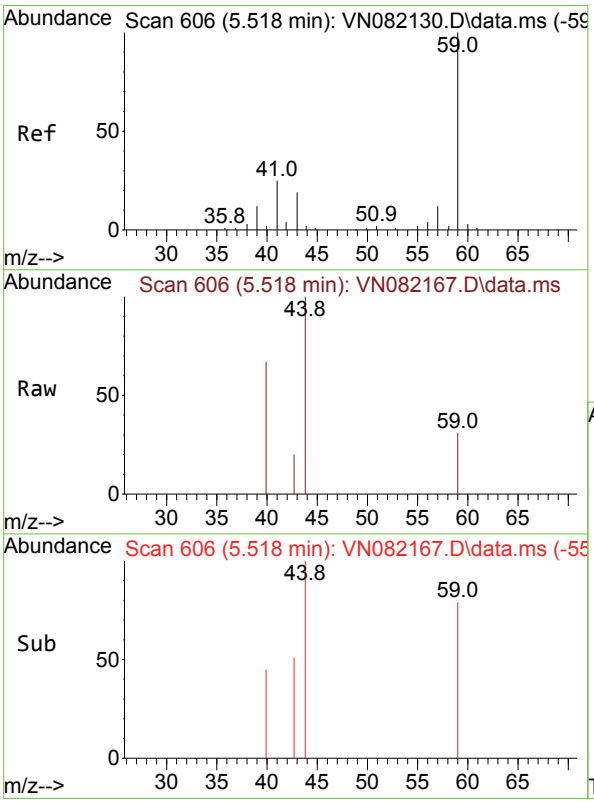
#6
Chloroethane
Concen: 0.368 ug/l
RT: 3.148 min Scan# 2
Delta R.T. 0.029 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Tgt Ion: 64 Resp: 630

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.7	37.1#

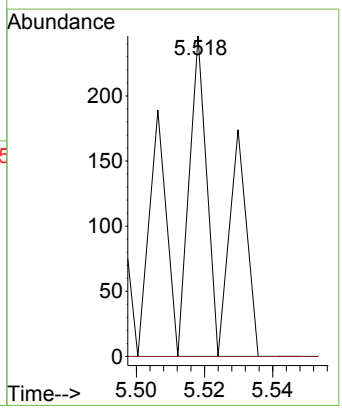


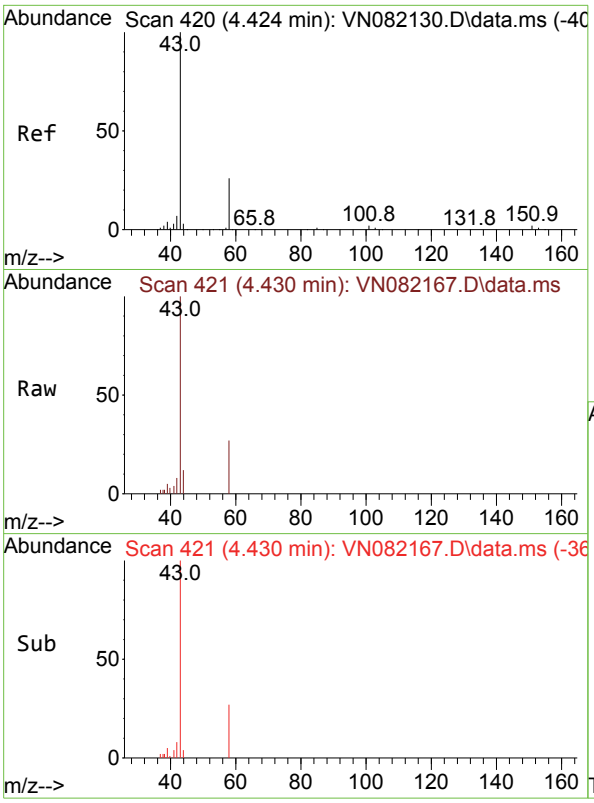


#11
Tert butyl alcohol
Concen: 0.342 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion: 59 Resp: 148

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.9	13.3#



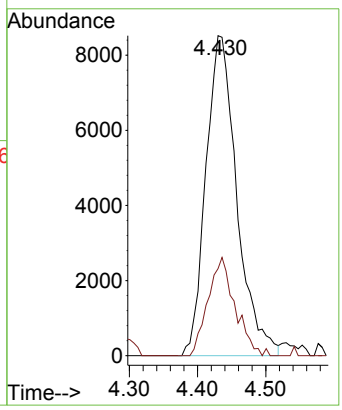


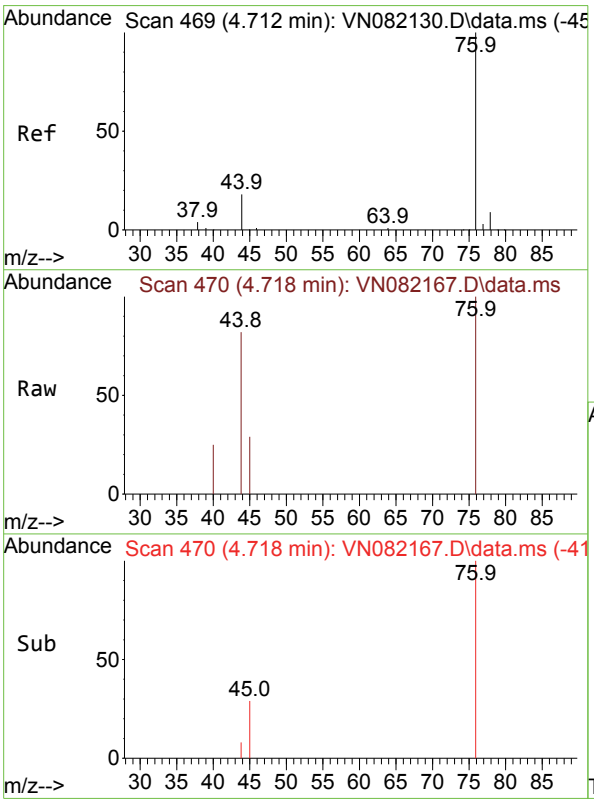
#16
Acetone
Concen: 24.349 ug/l
RT: 4.430 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Tgt Ion: 43 Resp: 26918

Ion	Ratio	Lower	Upper
43	100		
58	27.2	25.2	37.8

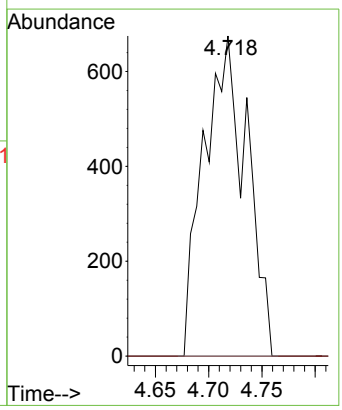


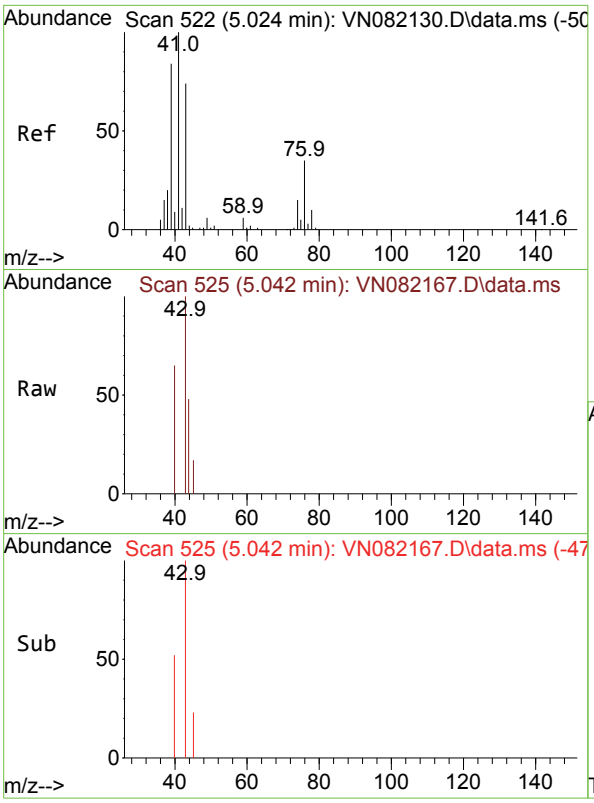


#17
Carbon Disulfide
Concen: 0.315 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion: 76 Resp: 1895

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.5	11.3#



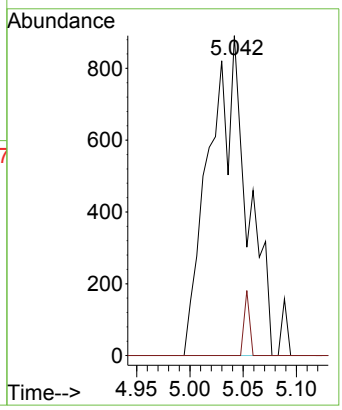


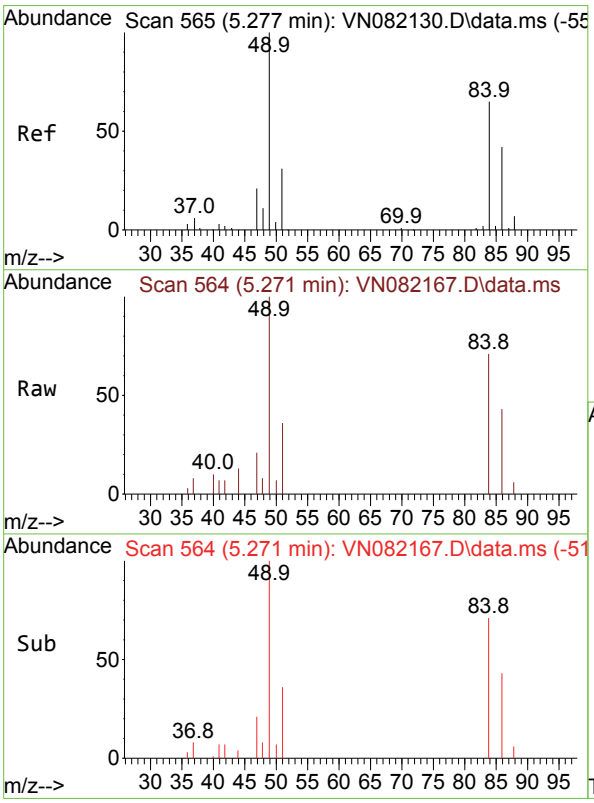
#18
Methyl Acetate
Concen: 0.805 ug/l
RT: 5.042 min Scan# 5
Delta R.T. 0.018 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Tgt Ion: 43 Resp: 2216

Ion	Ratio	Lower	Upper
43	100		
74	2.9	22.2	33.2#

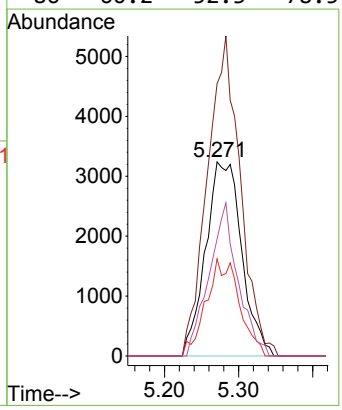


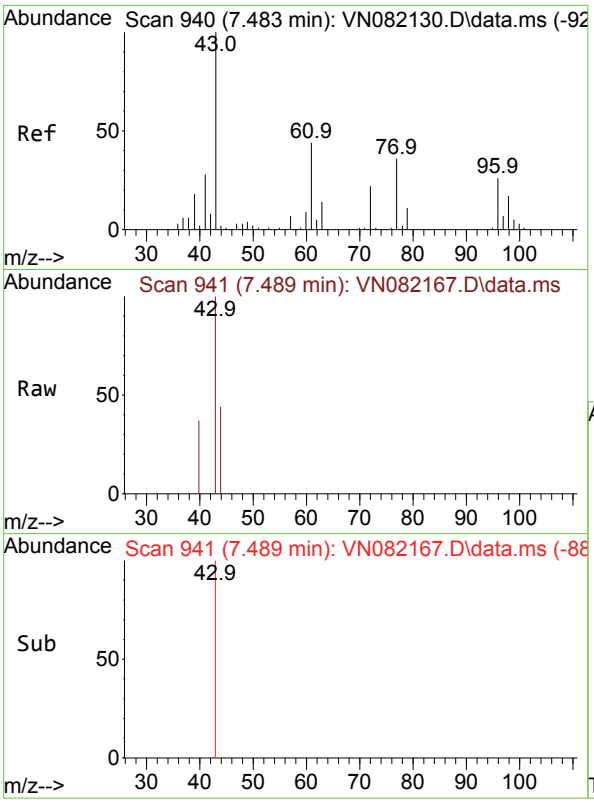


#20
Methylene Chloride
Concen: 4.912 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion: 84 Resp: 10955

Ion	Ratio	Lower	Upper
84	100		
49	140.3	84.9	127.3#
51	50.0	27.0	40.6#
86	60.2	52.3	78.5



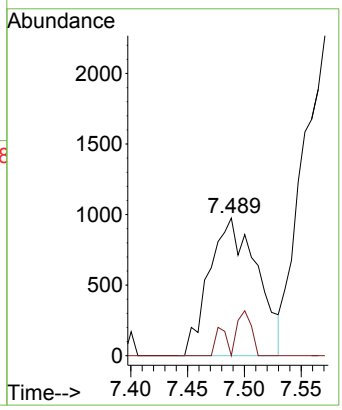


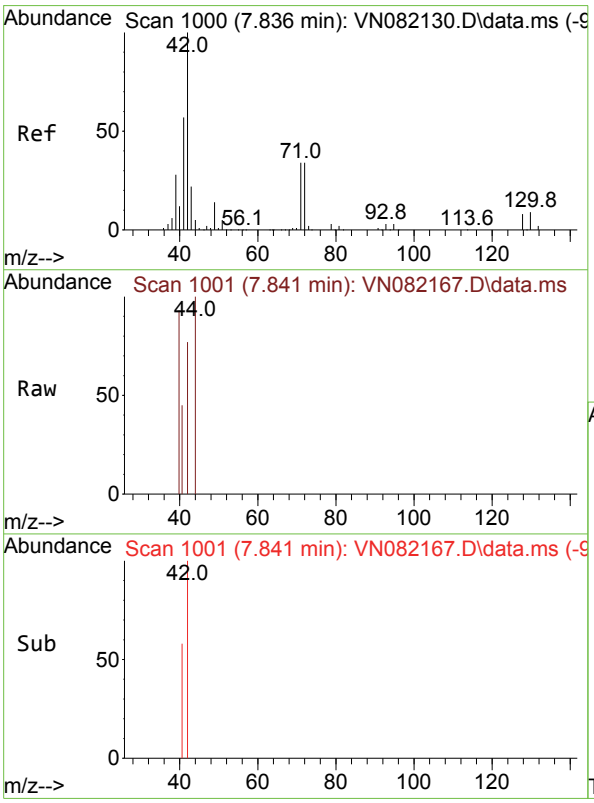
#25
2-Butanone
Concen: 1.713 ug/l
RT: 7.489 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Tgt Ion: 43 Resp: 2871

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.3	37.9#

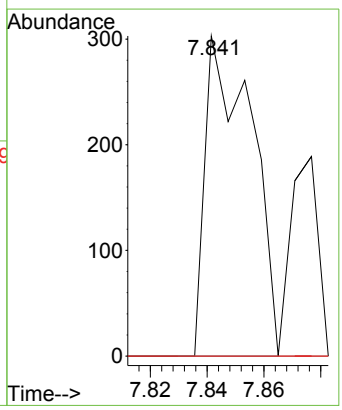


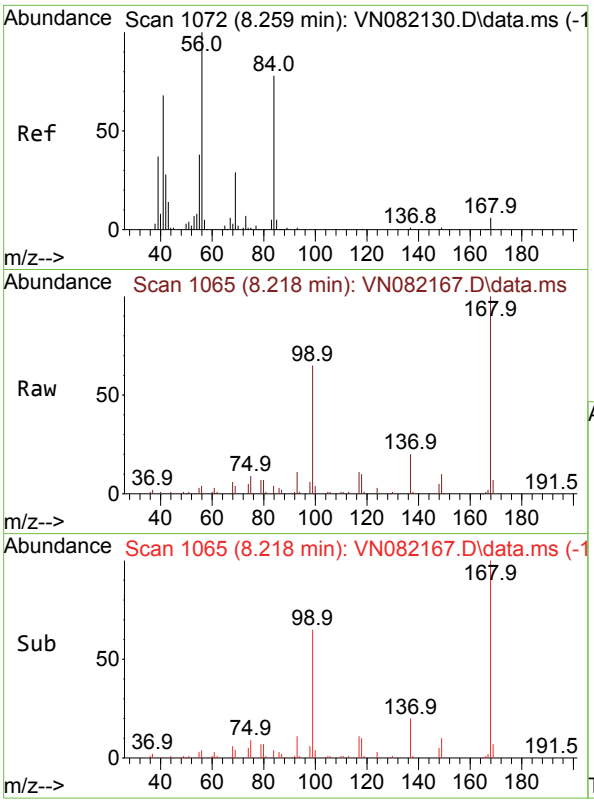


#29
Tetrahydrofuran
Concen: 0.319 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.005 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion: 42 Resp: 343

Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.3	58.9#
71	0.0	37.4	56.0#



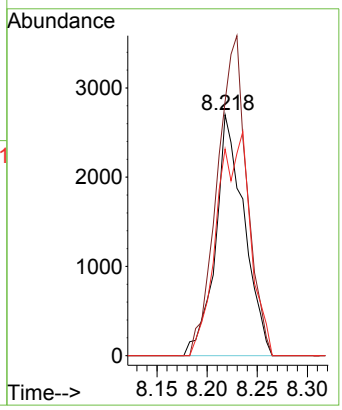


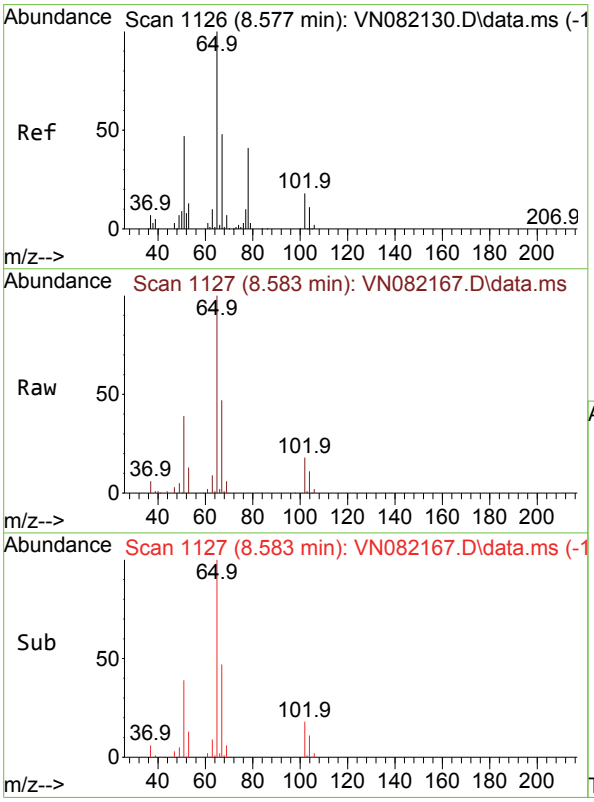
#31
Cyclohexane
Concen: 1.248 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.041 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Tgt Ion: 56 Resp: 5371

Ion	Ratio	Lower	Upper
56	100		
69	105.4	24.4	36.6#
84	85.8	77.0	115.4

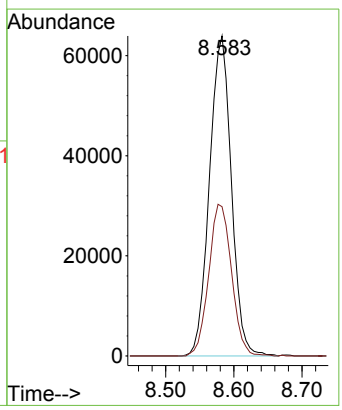


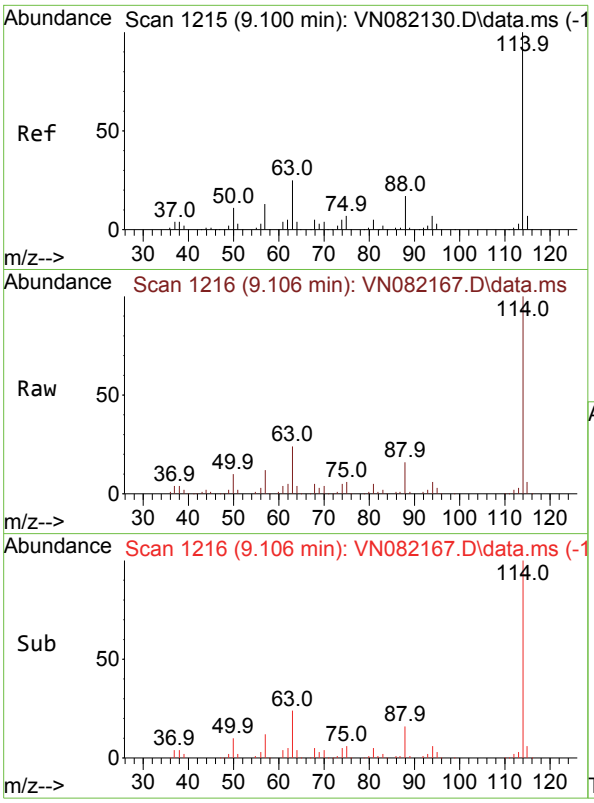


#33
1,2-Dichloroethane-d4
Concen: 53.017 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion: 65 Resp: 142877

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	103.0



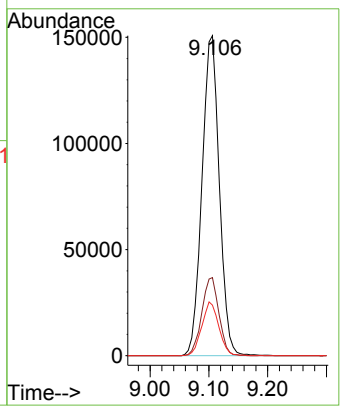


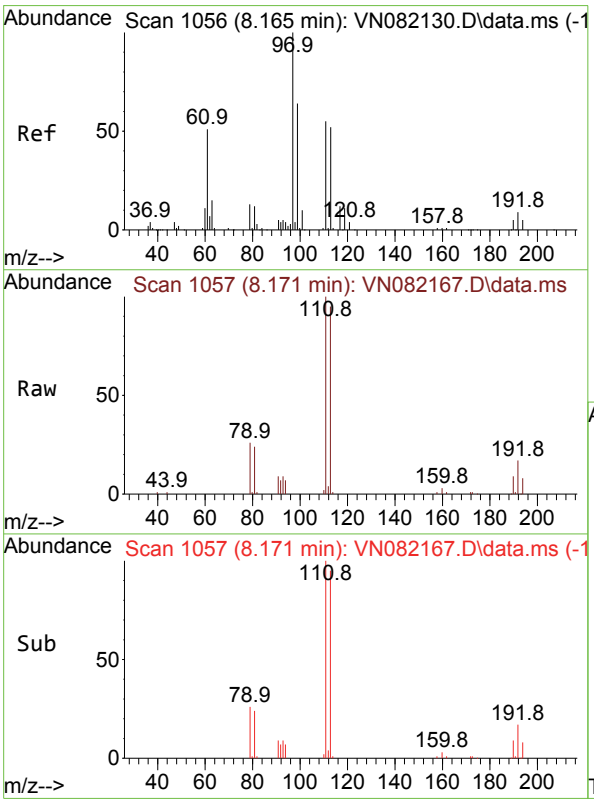
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Tgt Ion:114 Resp: 309214

Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	41.0
88	15.8	0.0	31.4

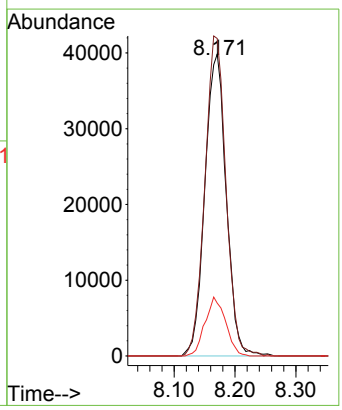


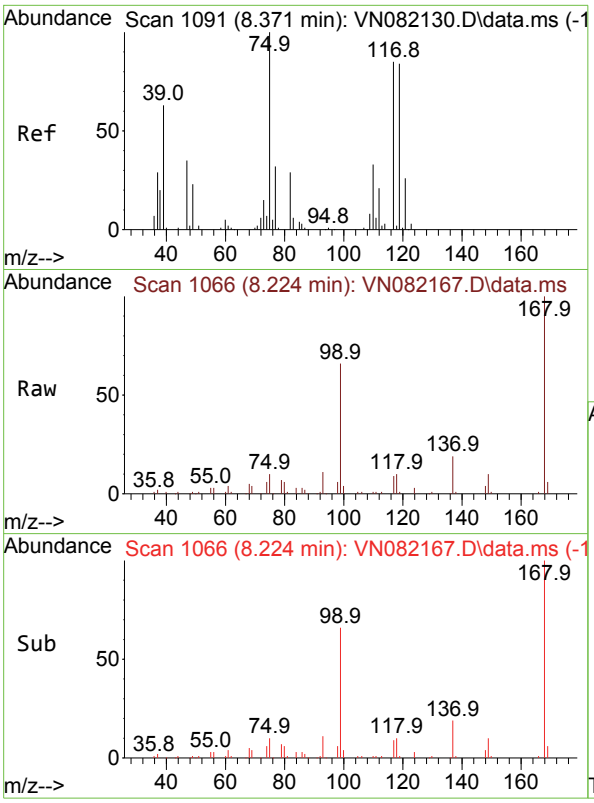


#35
Dibromofluoromethane
Concen: 51.052 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion:113 Resp: 97109

Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.4	125.2
192	18.8	14.0	21.0



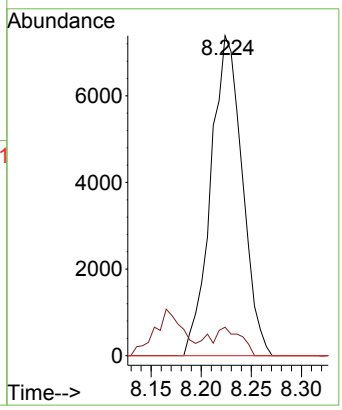


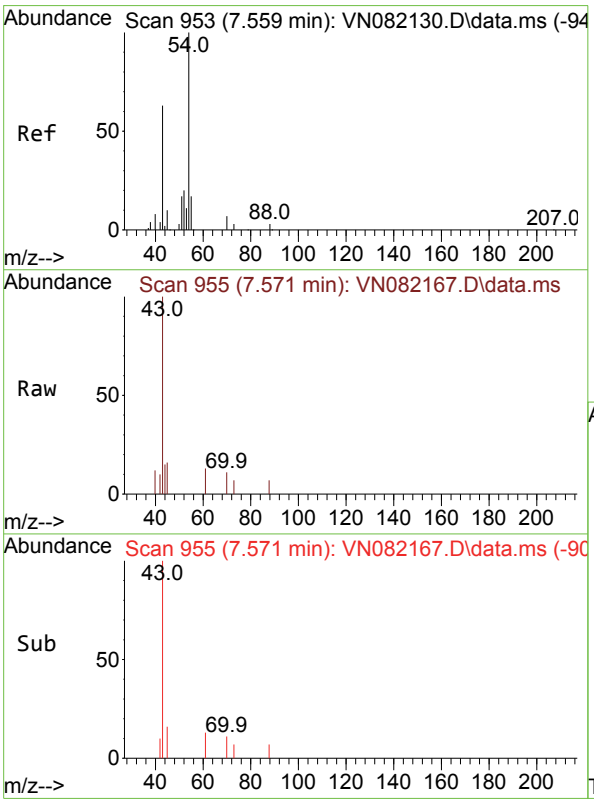
#36
1,1-Dichloropropene
Concen: 5.055 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Tgt Ion: 75 Resp: 16128

Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.8	53.5#
77	0.0	25.0	37.4#

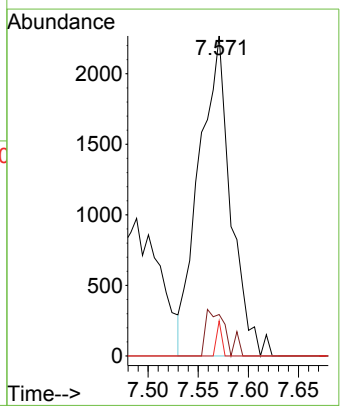


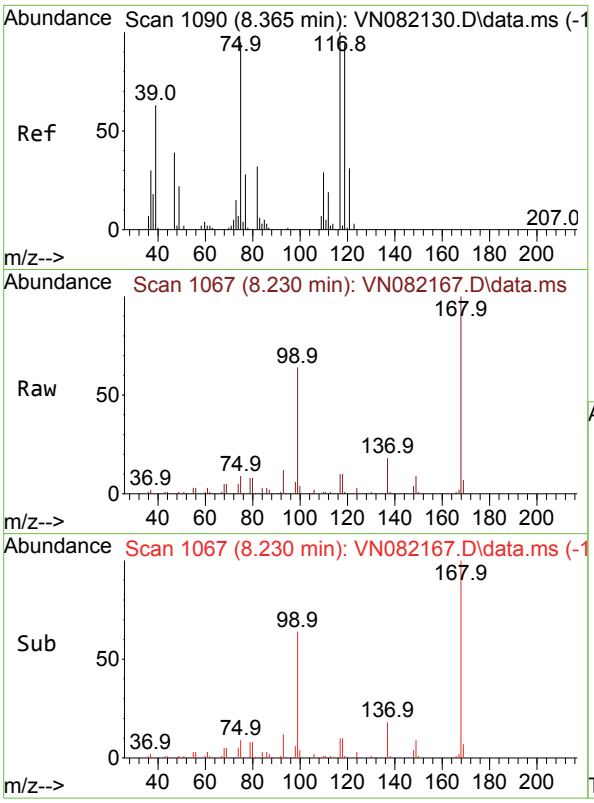


#37
Ethyl Acetate
Concen: 1.400 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.012 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion: 43 Resp: 4998

Ion	Ratio	Lower	Upper
43	100		
61	9.2	11.3	16.9#
70	1.8	8.7	13.1#



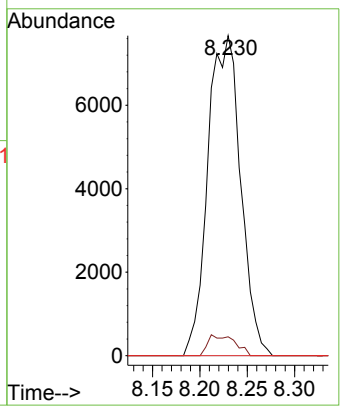


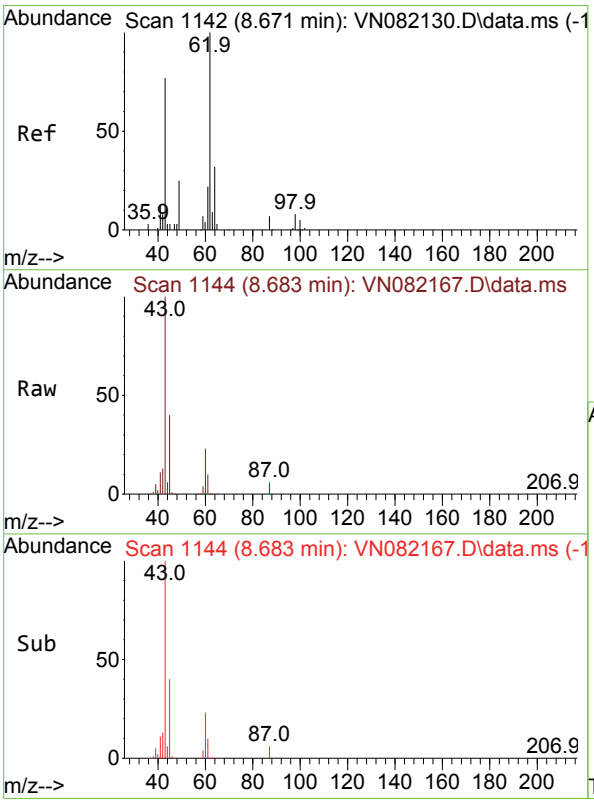
#38
Carbon Tetrachloride
Concen: 5.694 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Tgt Ion:117 Resp: 18415

Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.5	114.7#
121	0.0	23.9	35.9#

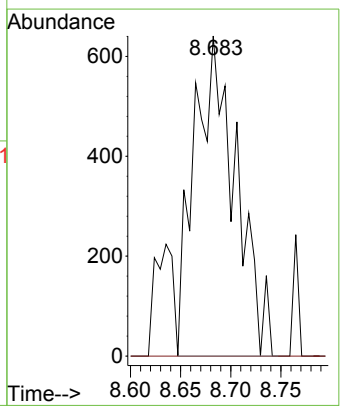


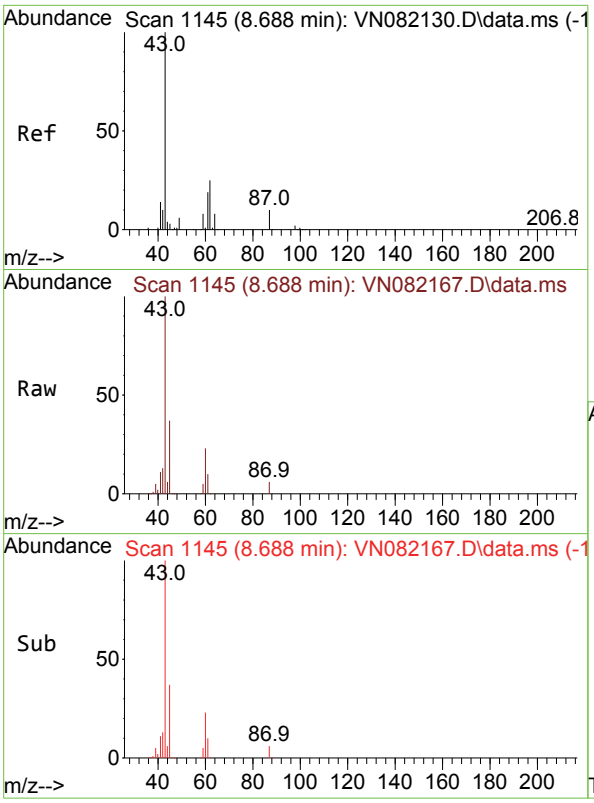


#42
1,2-Dichloroethane
Concen: 0.507 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.012 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion: 62 Resp: 1855

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.6



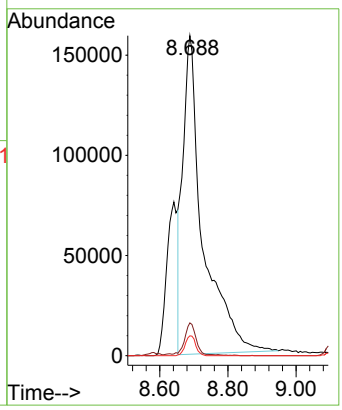


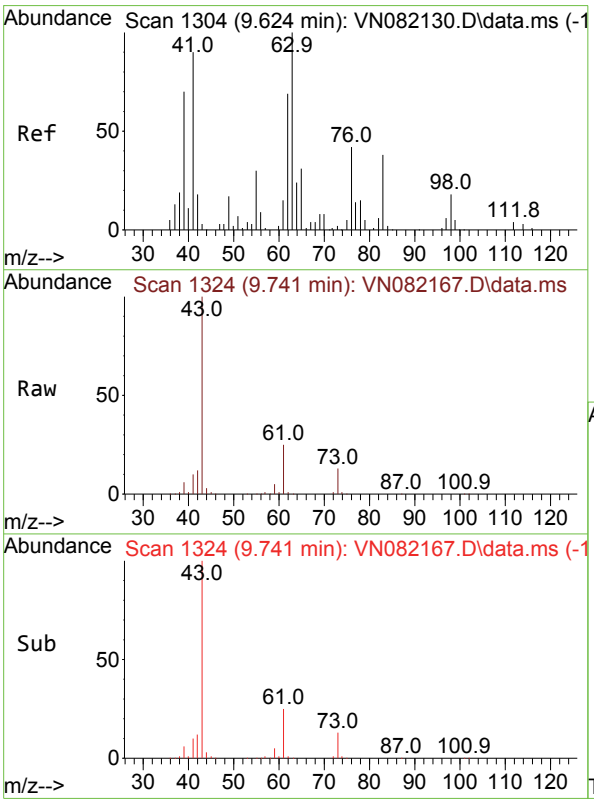
#43
Isopropyl Acetate
Concen: 103.078 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Tgt Ion: 43 Resp: 652087

Ion	Ratio	Lower	Upper
43	100		
61	5.8	22.8	34.2#
87	3.2	12.0	18.0#

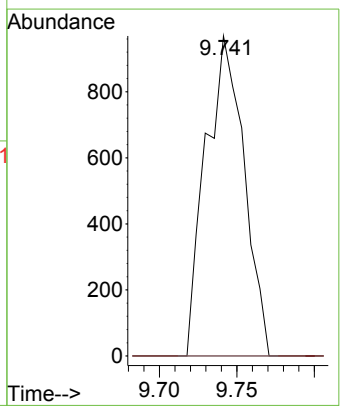


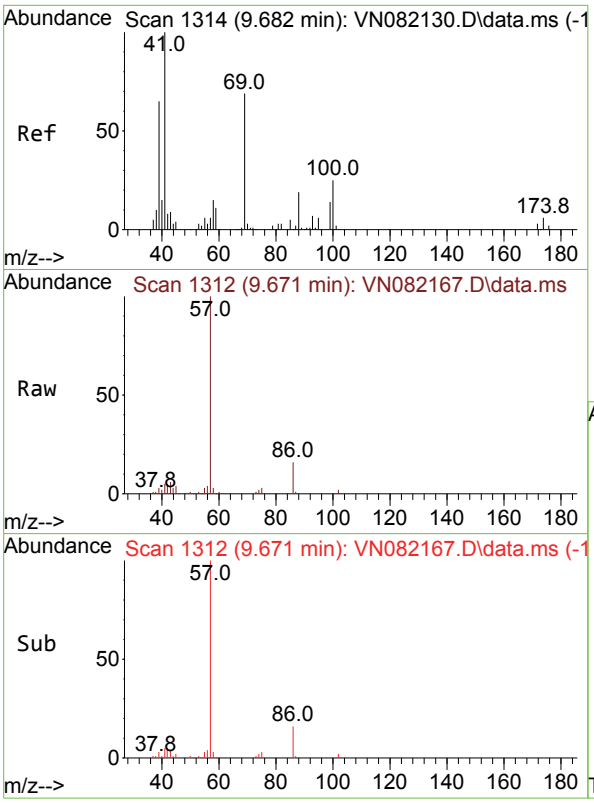


#45
1,2-Dichloropropane
Concen: 0.679 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion: 63 Resp: 1666

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.1	36.1#



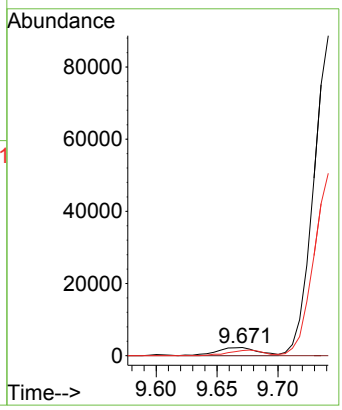


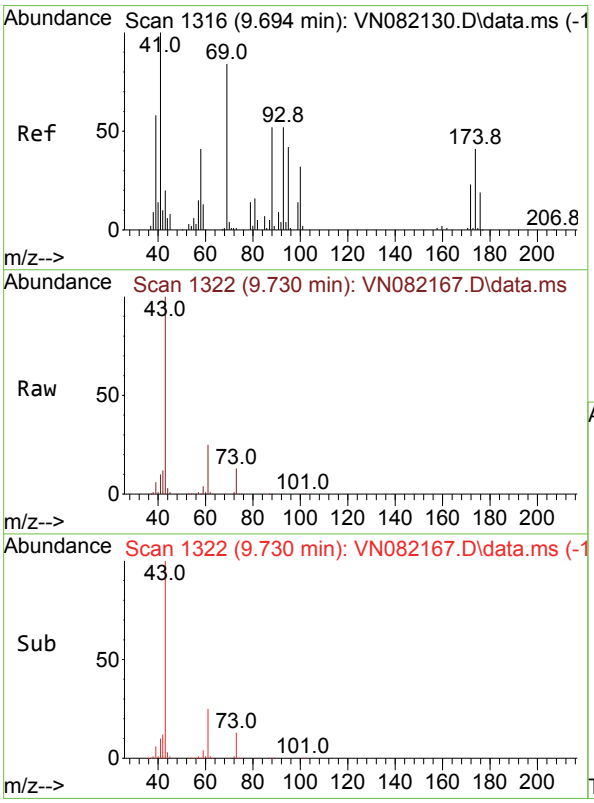
#48
Methyl methacrylate
Concen: 1.794 ug/l
RT: 9.671 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Tgt Ion: 41 Resp: 5409

Ion	Ratio	Lower	Upper
41	100		
69	0.0	77.9	116.9#
39	54.5	50.9	76.3

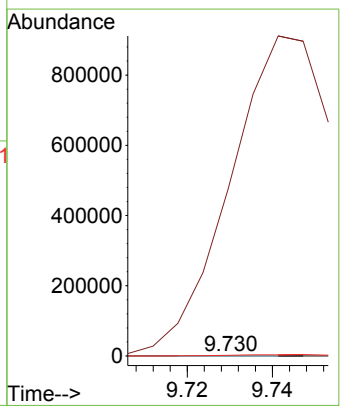


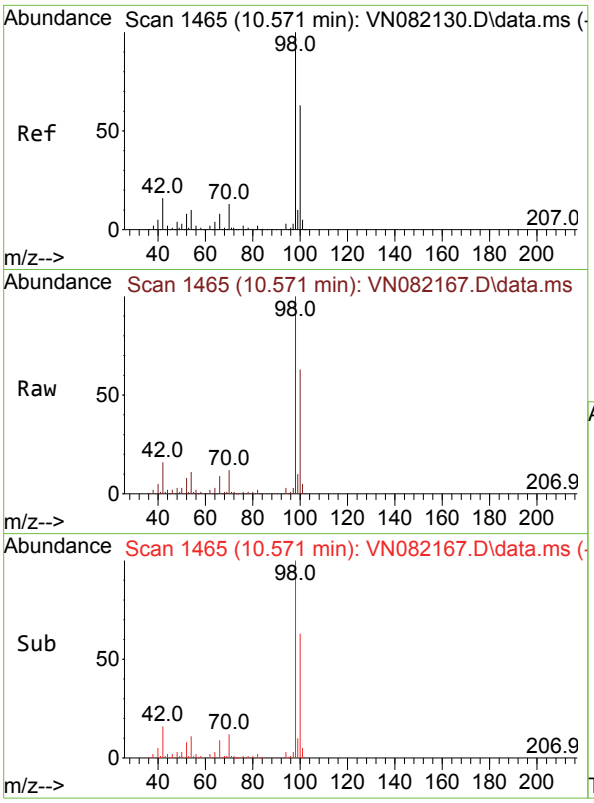


#49
1,4-Dioxane
Concen: 1.515 ug/l
RT: 9.730 min Scan# 1322
Delta R.T. 0.035 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion: 88 Resp: 64

Ion	Ratio	Lower	Upper
88	100		
43	2619814.1	19.0	28.6#
58	10623.4	50.6	76.0#



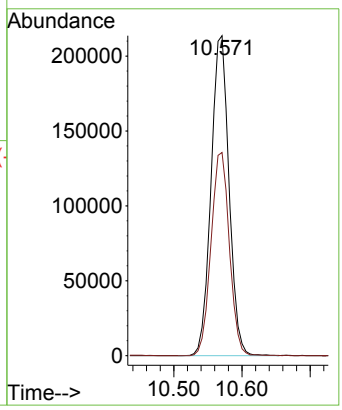


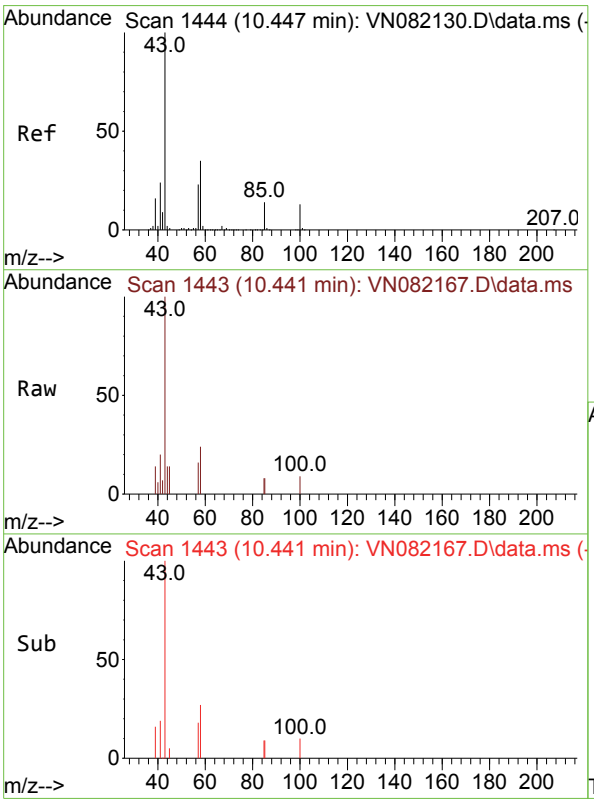
#50
Toluene-d8
Concen: 53.635 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Tgt Ion: 98 Resp: 391140

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.8	77.6

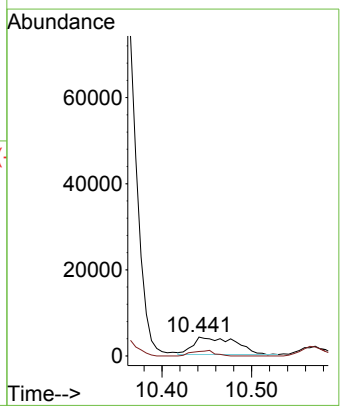


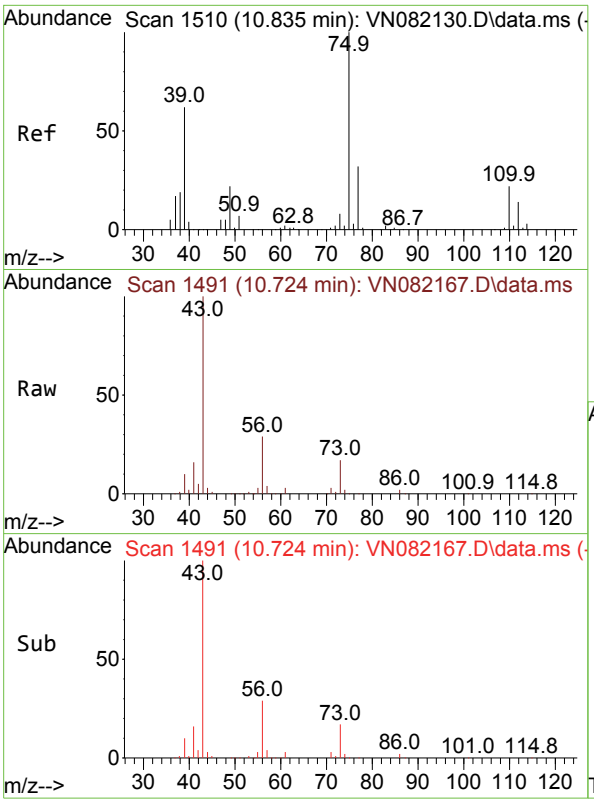


#51
4-Methyl-2-Pentanone
Concen: 3.677 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion: 43 Resp: 13216

Ion	Ratio	Lower	Upper
43	100		
58	16.7	33.2	49.8#



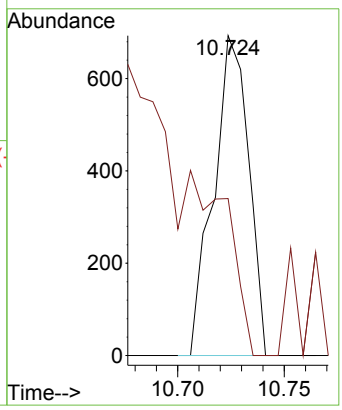


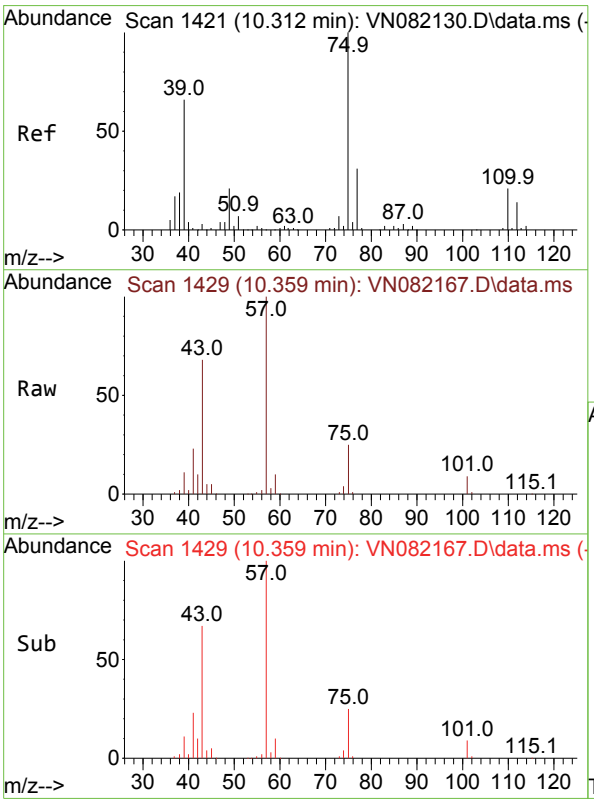
#53
t-1,3-Dichloropropene
Concen: 0.225 ug/l
RT: 10.724 min Scan# 14
Delta R.T. -0.112 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Tgt Ion: 75 Resp: 793

Ion	Ratio	Lower	Upper
75	100		
77	49.1	25.4	38.0#

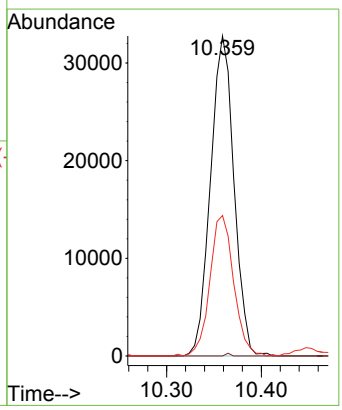


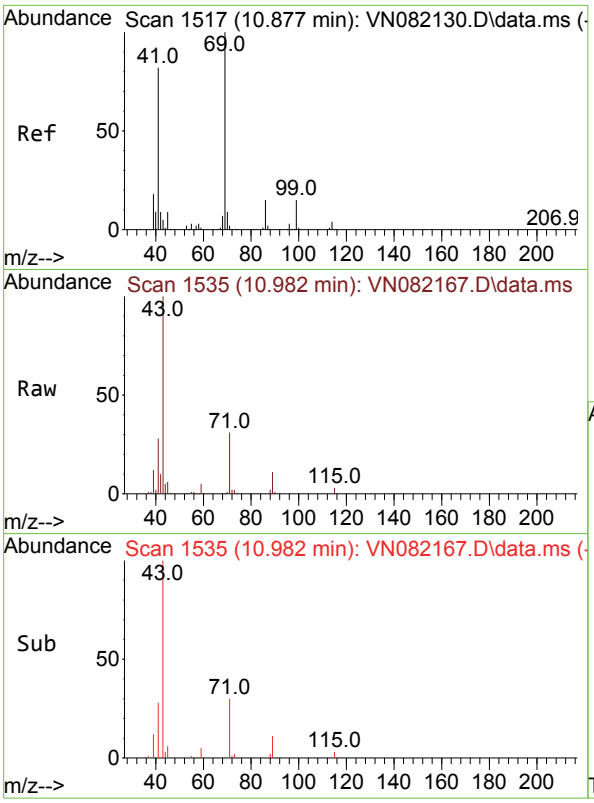


#54
cis-1,3-Dichloropropene
Concen: 15.121 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion: 75 Resp: 56314

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	43.9	34.8	52.2



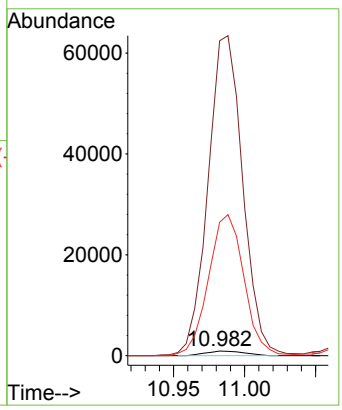


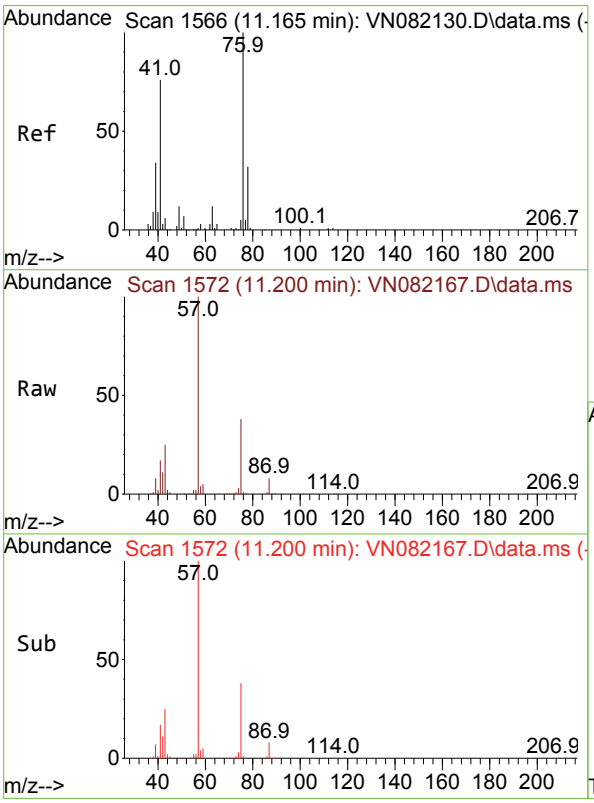
#56
Ethyl methacrylate
Concen: 0.497 ug/l
RT: 10.982 min Scan# 1
Delta R.T. 0.106 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Tgt Ion: 69 Resp: 1750

Ion	Ratio	Lower	Upper
69	100		
41	6177.4	46.6	70.0#
39	2773.4	26.5	39.7#

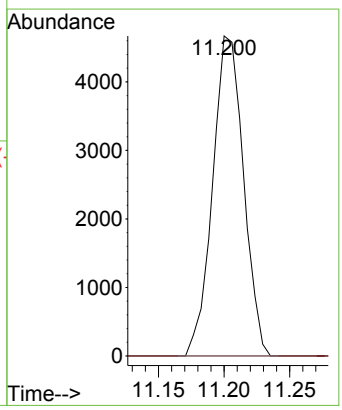


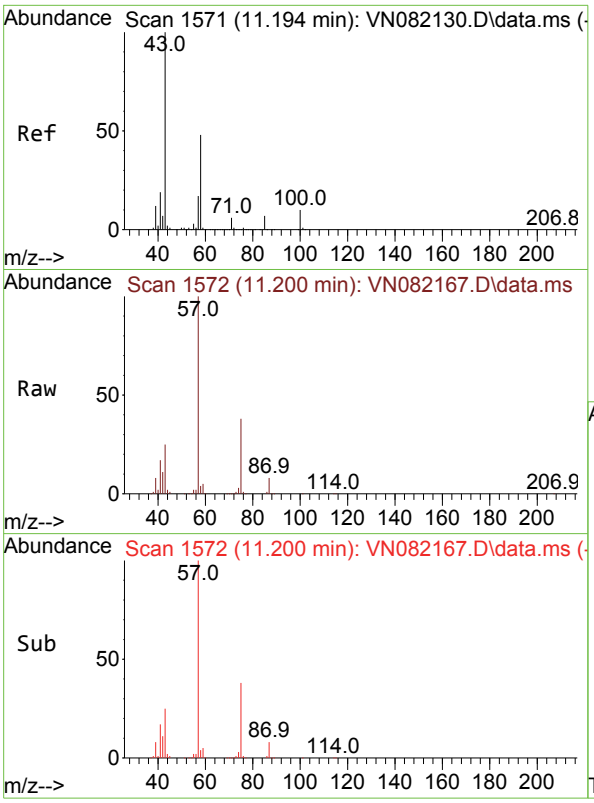


#57
1,3-Dichloropropane
Concen: 1.970 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion: 76 Resp: 7643

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.6#



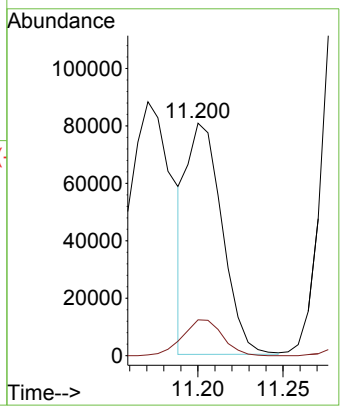


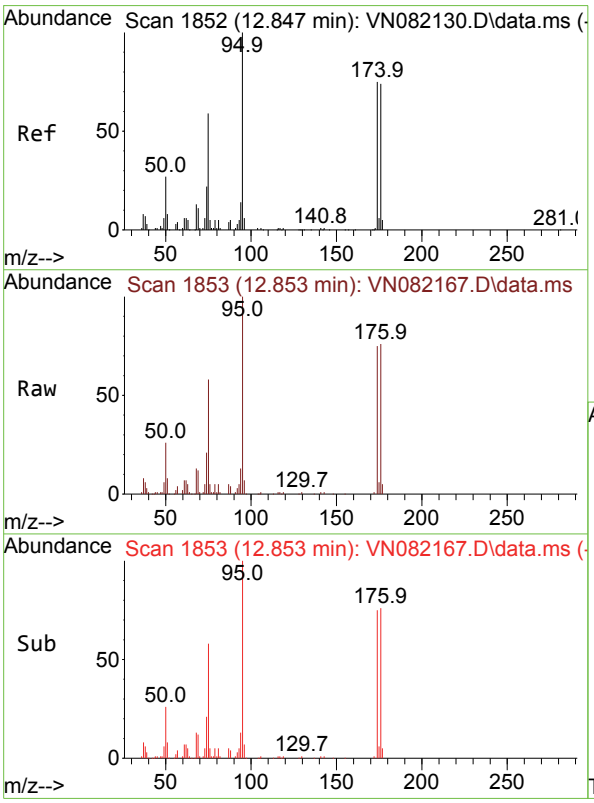
#59
2-Hexanone
Concen: 44.155 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Tgt Ion: 43 Resp: 116207

Ion	Ratio	Lower	Upper
43	100		
58	17.6	28.3	84.9#

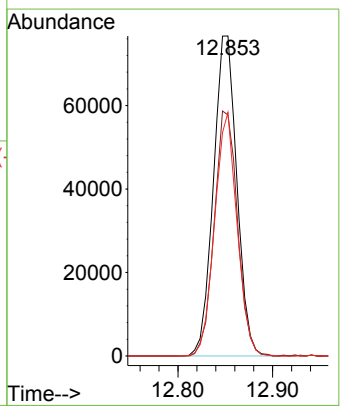


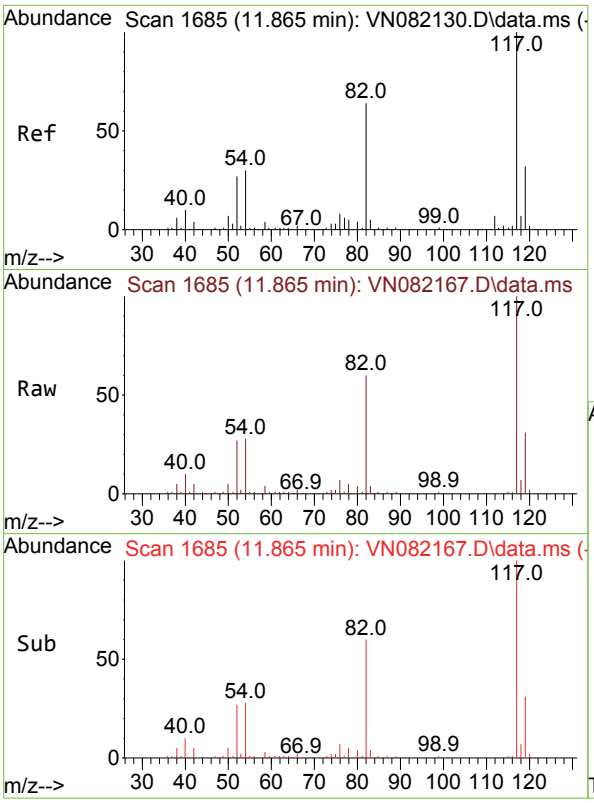


#62
4-Bromofluorobenzene
Concen: 50.604 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion: 95 Resp: 131719

Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	160.6
176	72.8	0.0	152.8



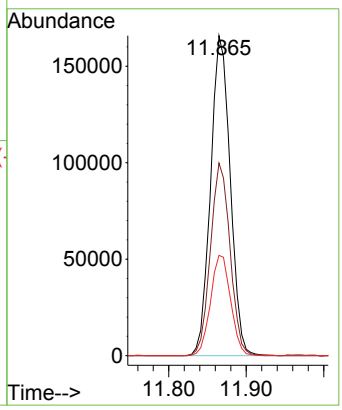


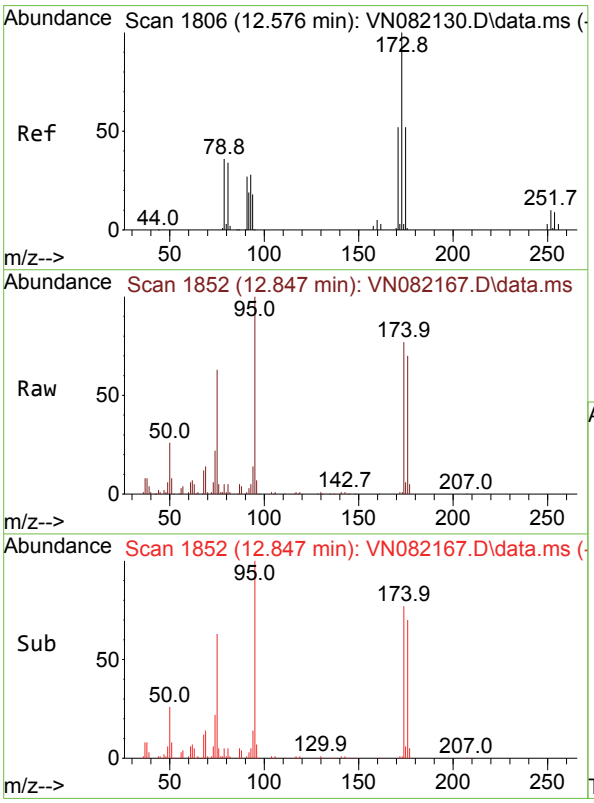
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Tgt Ion:117 Resp: 291689

Ion	Ratio	Lower	Upper
117	100		
82	60.2	44.6	66.8
119	31.4	25.9	38.9

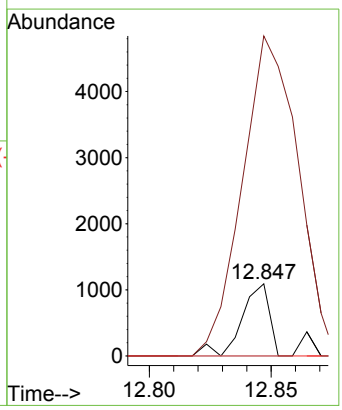


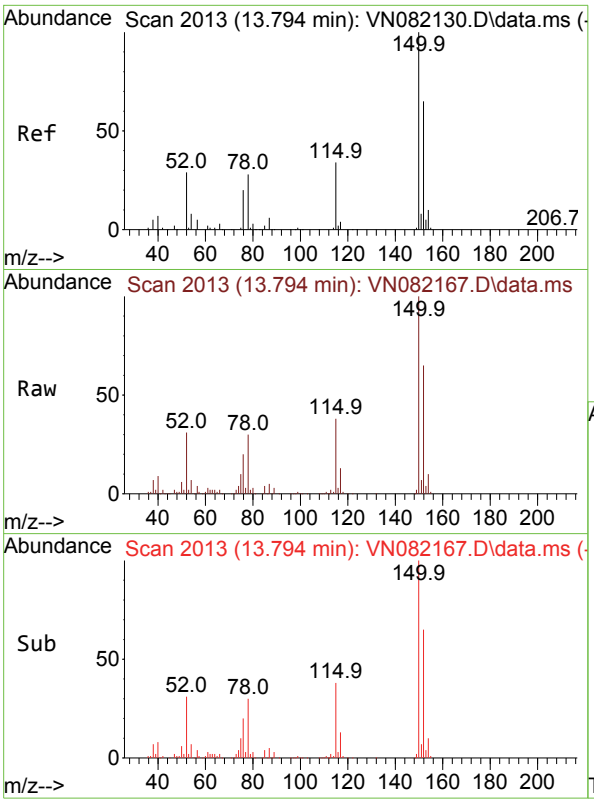


#71
Bromoform
Concen: 0.566 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion:173 Resp: 863

Ion	Ratio	Lower	Upper
173	100		
175	632.7	24.6	74.0#
254	0.0	0.0	0.0



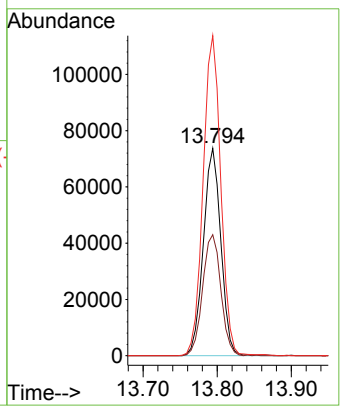


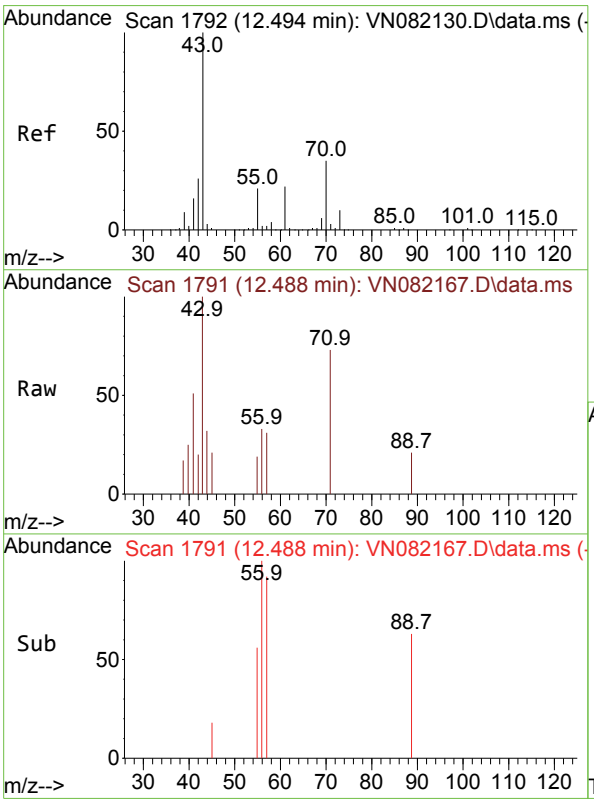
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Tgt Ion:152 Resp: 120787

Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.4	91.3
150	155.8	0.0	353.2

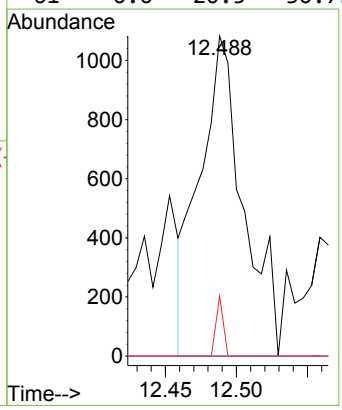


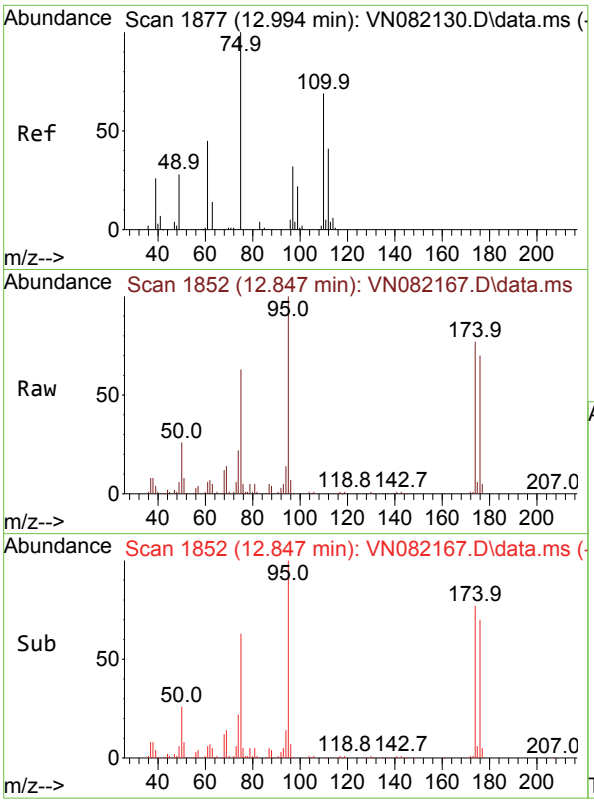


#74
N-amyl acetate
Concen: 0.439 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion: 43 Resp: 2319

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.4#
55	3.1	21.3	31.9#
61	0.0	20.5	30.7#



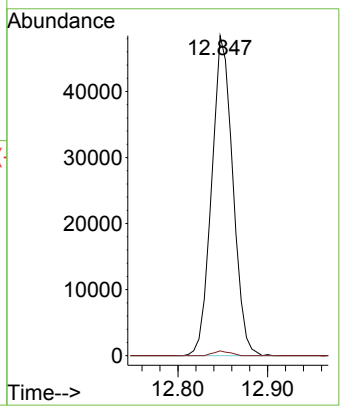


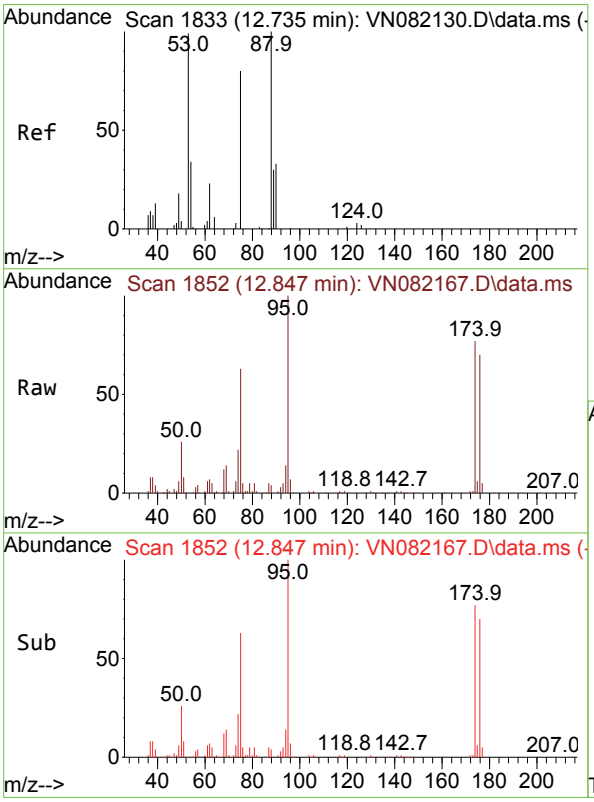
#76
1,2,3-Trichloropropane
Concen: 31.178 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

Tgt Ion: 75 Resp: 79264

Ion	Ratio	Lower	Upper
75	100		
77	1.2	90.5	271.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.925 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion: 75 Resp: 79264

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.9	109.3#
89	0.0	39.1	58.7#