Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
Data File : VN080943.D
Acq On : 07 Feb 2024 18:03
Operator : JC\MD
Sample : PB158850ZHE#07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

Quant Time: Feb 08 00:29:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 07 06:22:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	8.230	168	267443	50.000 ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	588920	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.871	117	738404	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	313311	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.583	65	190206	56.377 ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.760%		
35) Dibromofluoromethane	8.171	113	175299	55.472 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.940%		
50) Toluene-d8	10.571	98	697984	61.063 ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 122.120%#		
62) 4-Bromofluorobenzene	12.853	95	299692	72.173 ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 144.340%#		
Target Compounds					Qvalue
3) Chloromethane	2.365	50	3393	Below Cal	96
5) Bromomethane	2.959	94	1992	0.783 ug/l #	48
10) Methyl Iodide	4.589	142	625	0.222 ug/l #	29
11) Tert butyl alcohol	5.518	59	101	0.217 ug/l #	72
13) Acrolein	4.171	56	541	0.923 ug/l #	32
16) Acetone	4.436	43	45876	41.331 ug/l	91
18) Methyl Acetate	5.018	43	2331	Below Cal #	65
20) Methylene Chloride	5.277	84	10043	2.986 ug/l #	79
25) 2-Butanone	7.477	43	1921	1.078 ug/l #	83
29) Tetrahydrofuran	7.841	42	481	0.442 ug/l #	1
31) Cyclohexane	8.224	56	6898	1.496 ug/l #	1
36) 1,1-Dichloropropene	8.224	75	23427	4.983 ug/l #	51
37) Ethyl Acetate	7.559	43	7568	2.127 ug/l #	88
38) Carbon Tetrachloride	8.218	117	29258	6.071 ug/l #	18
42) 1,2-Dichloroethane	8.683	62	1781	0.357 ug/l #	75
43) Isopropyl Acetate	8.694	43	304528	46.554 ug/l #	90
45) 1,2-Dichloropropane	9.747	63	3754	0.972 ug/l #	42
48) Methyl methacrylate	9.747	41	239203	64.904 ug/l #	47
49) 1,4-Dioxane	9.694	88	99	1.455 ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	20812	5.279 ug/l #	79
54) cis-1,3-Dichloropropene	10.359	75	114170	18.822 ug/l #	57
56) Ethyl methacrylate	10.988	69	3633	0.820 ug/l #	1
57) 1,3-Dichloropropane	11.206	76	14278	2.375 ug/l #	43
59) 2-Hexanone	11.171	43	223449	74.786 ug/l #	26
74) N-amyl acetate	12.488	43	2871	0.327 ug/l #	54
76) 1,2,3-Trichloropropane	12.853	75	160234	25.083 ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	160234	68.147 ug/l #	14

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

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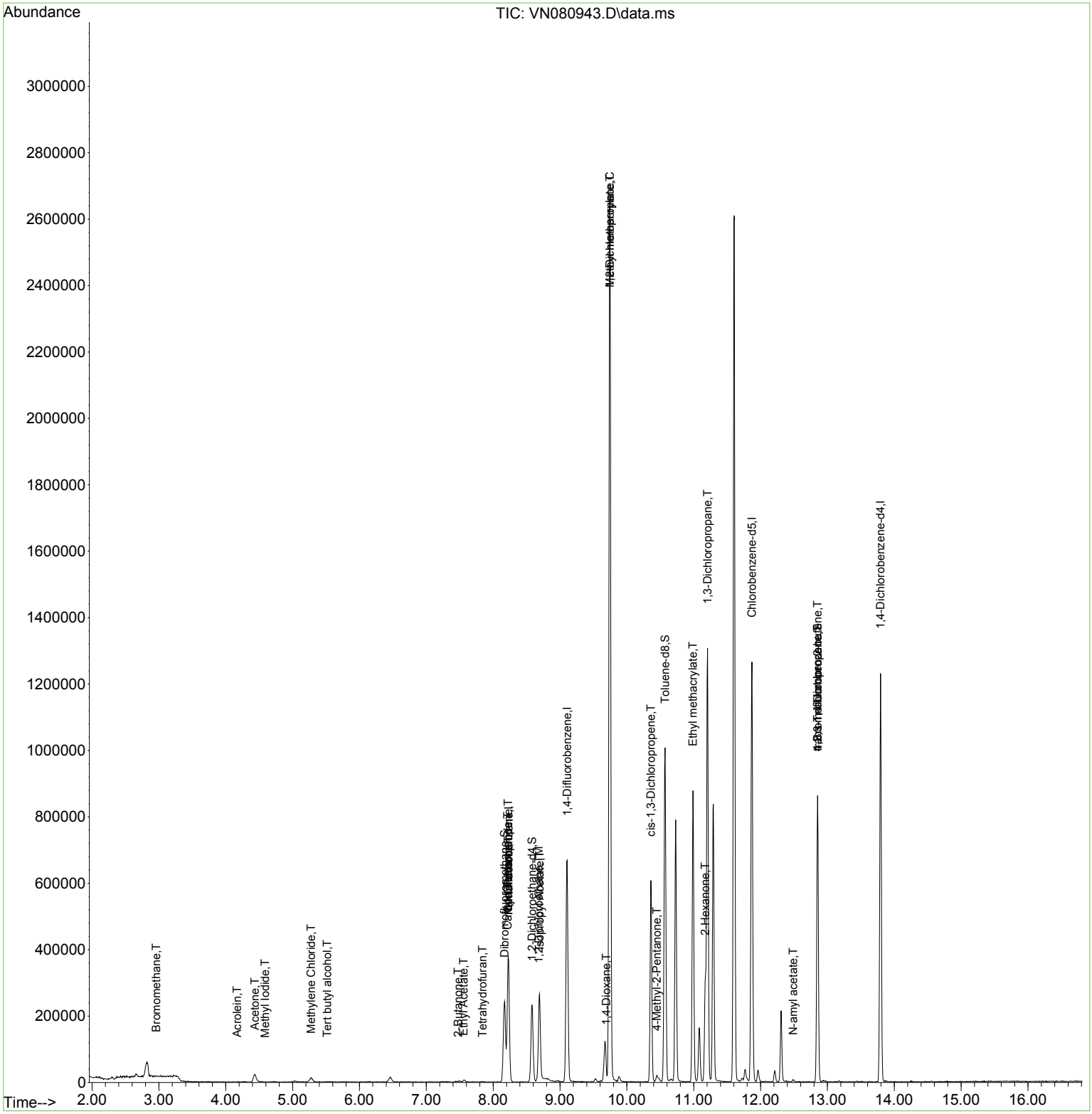
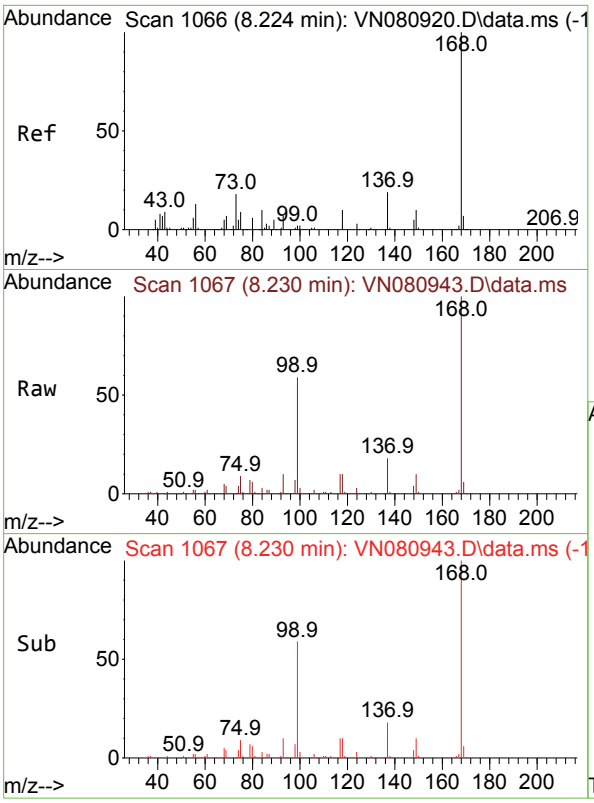


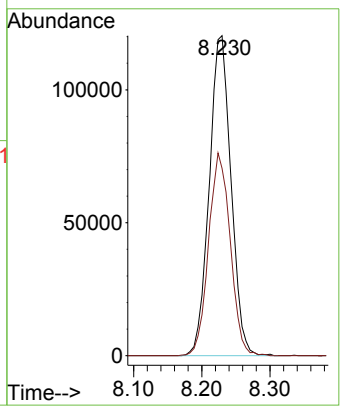


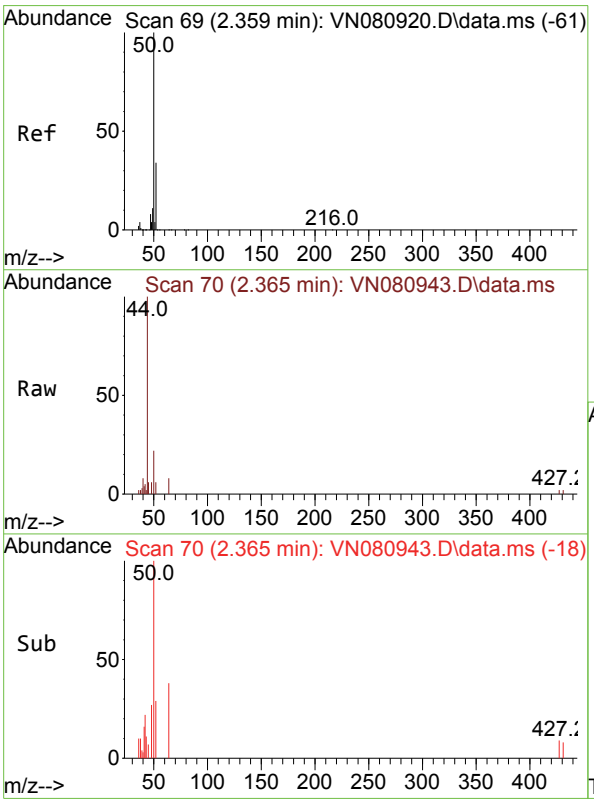
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

Tgt Ion:168 Resp: 267443

Ion	Ratio	Lower	Upper
168	100		
99	58.6	59.9	89.9#

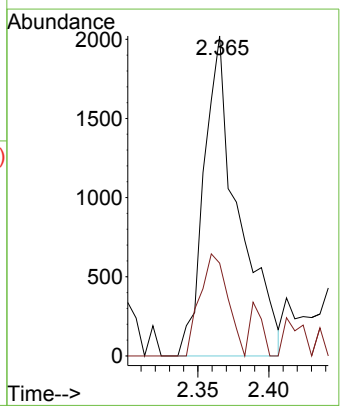


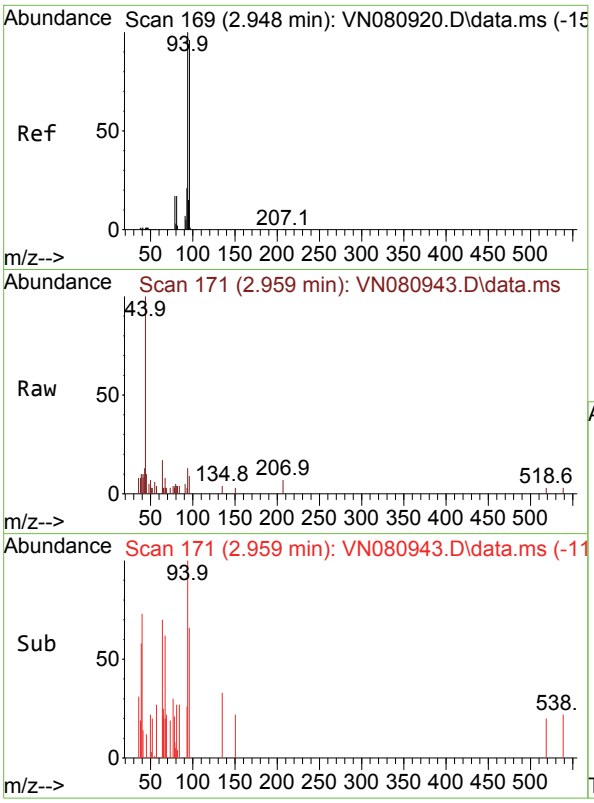


#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion: 50 Resp: 3393

Ion	Ratio	Lower	Upper
50	100		
52	29.0	25.0	37.4



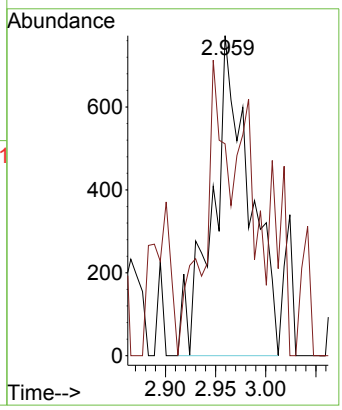


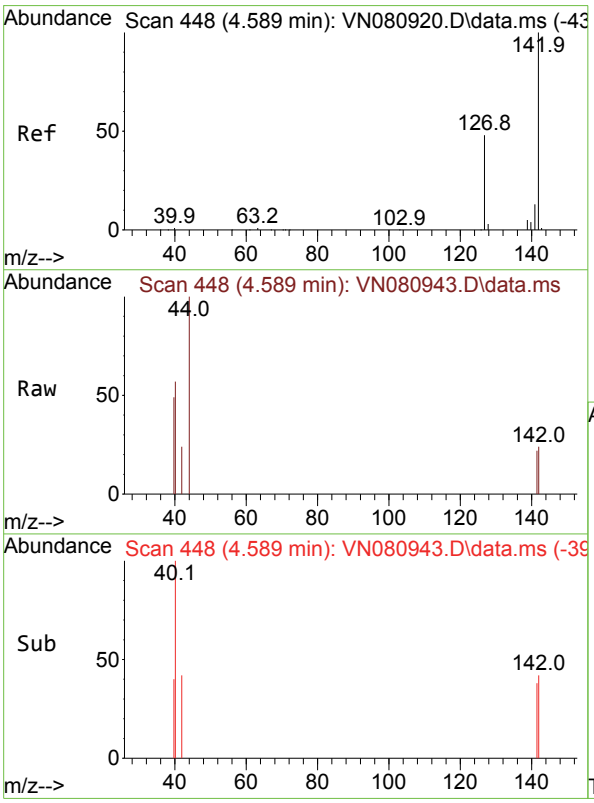
#5
Bromomethane
Concen: 0.783 ug/l
RT: 2.959 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

Tgt Ion: 94 Resp: 1992

Ion	Ratio	Lower	Upper
94	100		
96	39.0	69.2	103.8#

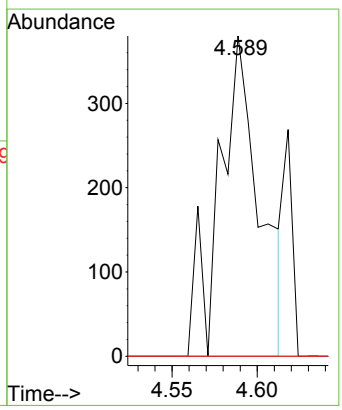


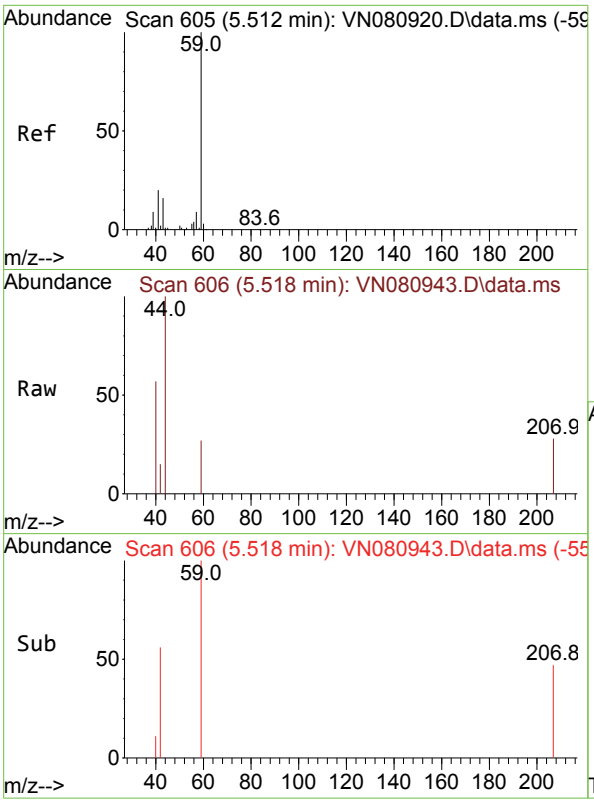


#10
Methyl Iodide
Concen: 0.222 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion:142 Resp: 625

Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.0	55.4#
141	47.4	12.5	18.7#



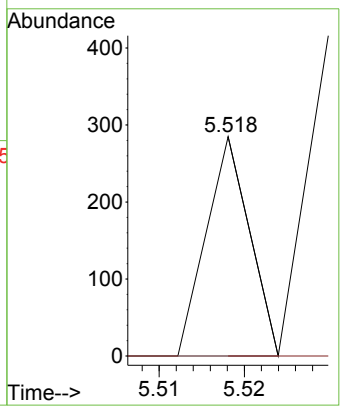


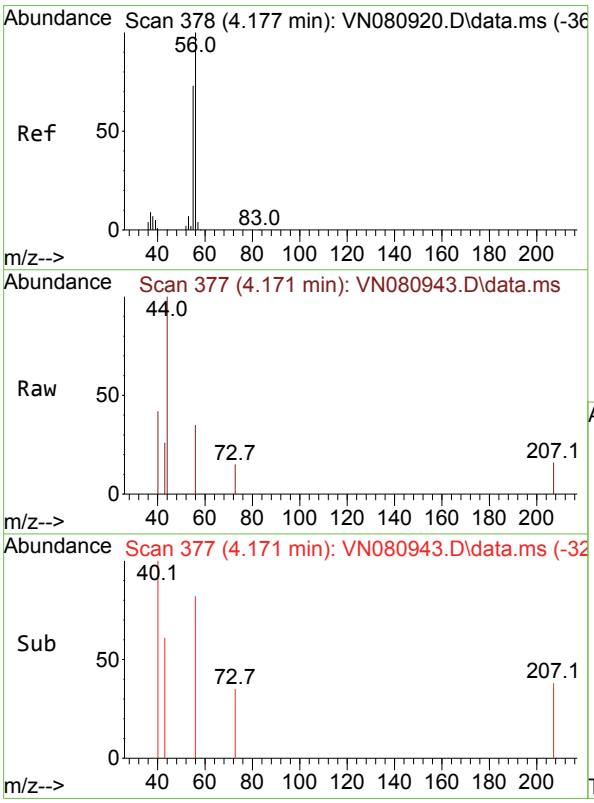
#11
Tert butyl alcohol
Concen: 0.217 ug/l
RT: 5.518 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

Tgt Ion: 59 Resp: 101

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

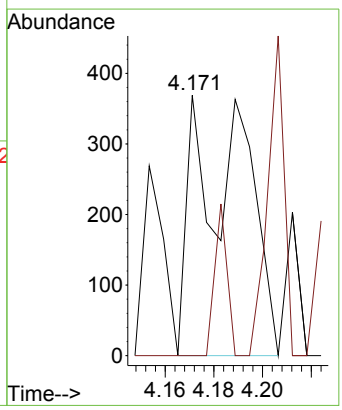


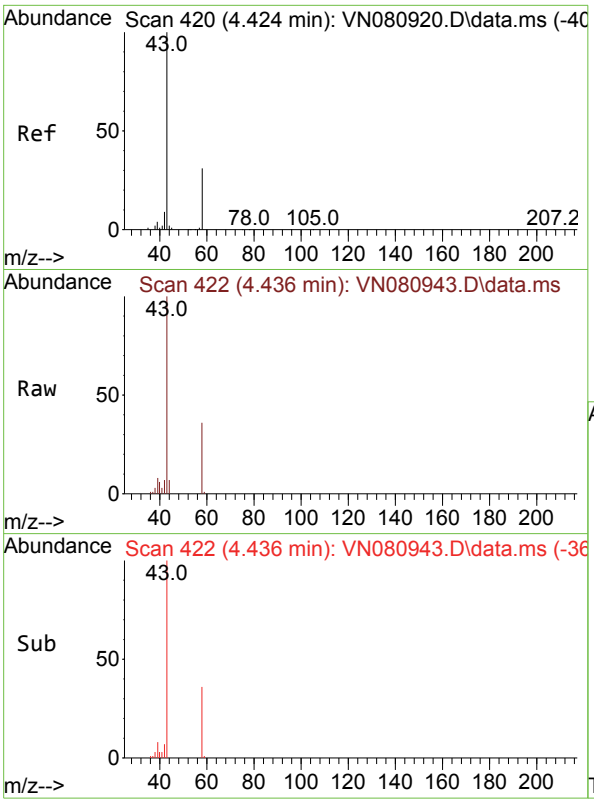


#13
Acrolein
Concen: 0.923 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion: 56 Resp: 541

Ion	Ratio	Lower	Upper
56	100		
55	14.0	55.3	82.9#



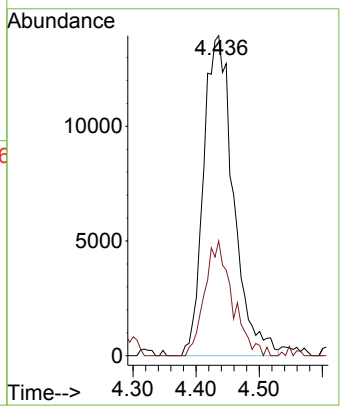


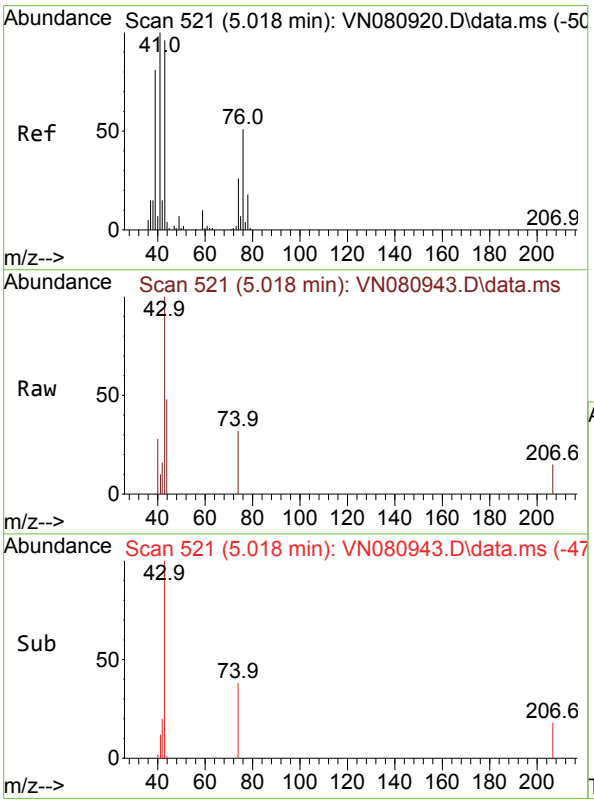
#16
Acetone
Concen: 41.331 ug/l
RT: 4.436 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

Tgt Ion: 43 Resp: 45876

Ion	Ratio	Lower	Upper
43	100		
58	35.8	24.8	37.2

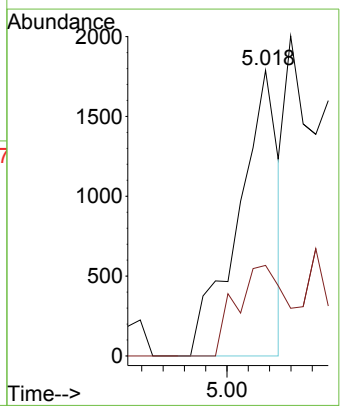


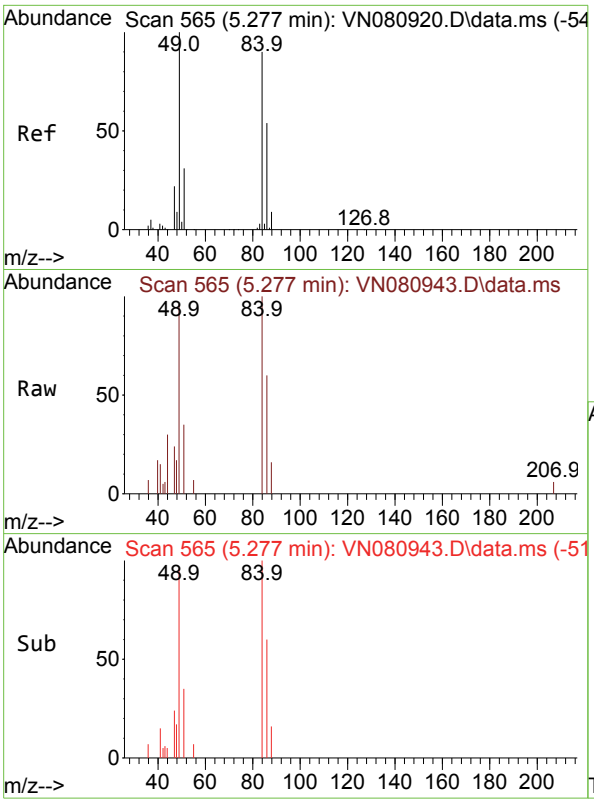


#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion: 43 Resp: 2331

Ion	Ratio	Lower	Upper
43	100		
74	38.0	17.3	25.9#



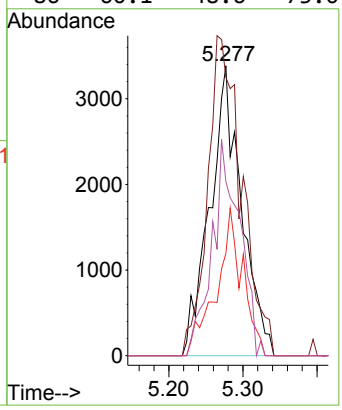


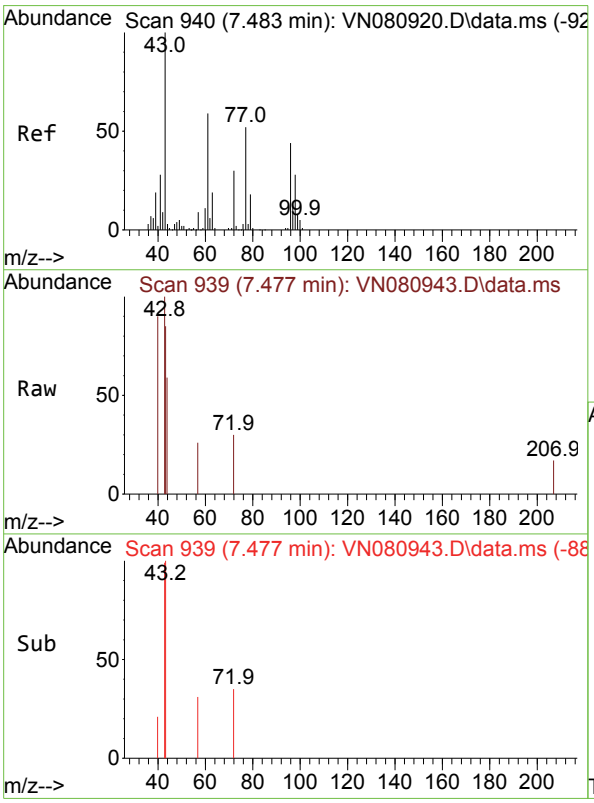
#20
Methylene Chloride
Concen: 2.986 ug/l
RT: 5.277 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

Tgt Ion: 84 Resp: 10043

Ion	Ratio	Lower	Upper
84	100		
49	96.1	108.1	162.1#
51	35.3	32.9	49.3
86	60.1	48.6	73.0

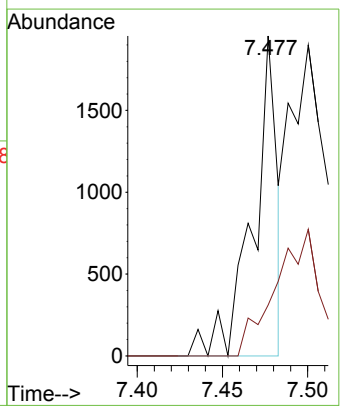


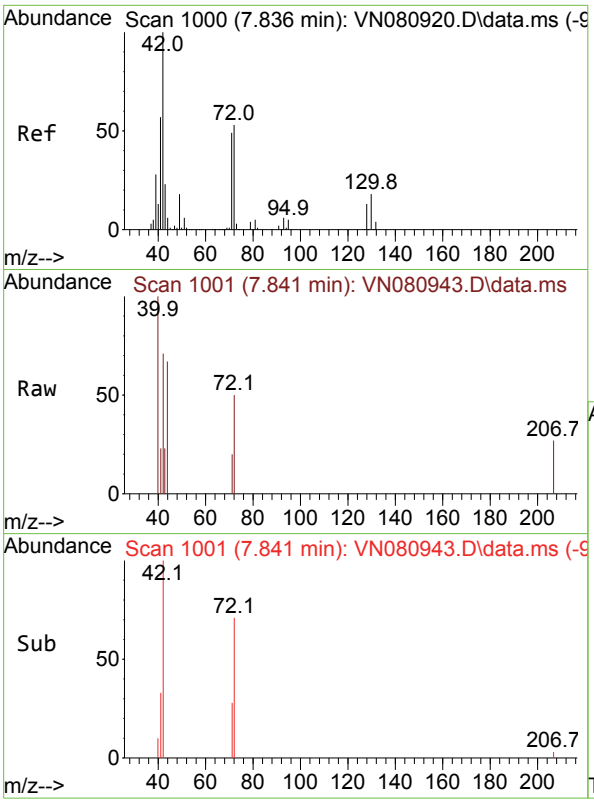


#25
2-Butanone
Concen: 1.078 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion: 43 Resp: 1921

Ion	Ratio	Lower	Upper
43	100		
72	15.9	19.5	29.3#



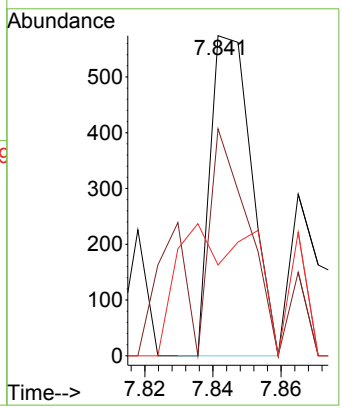


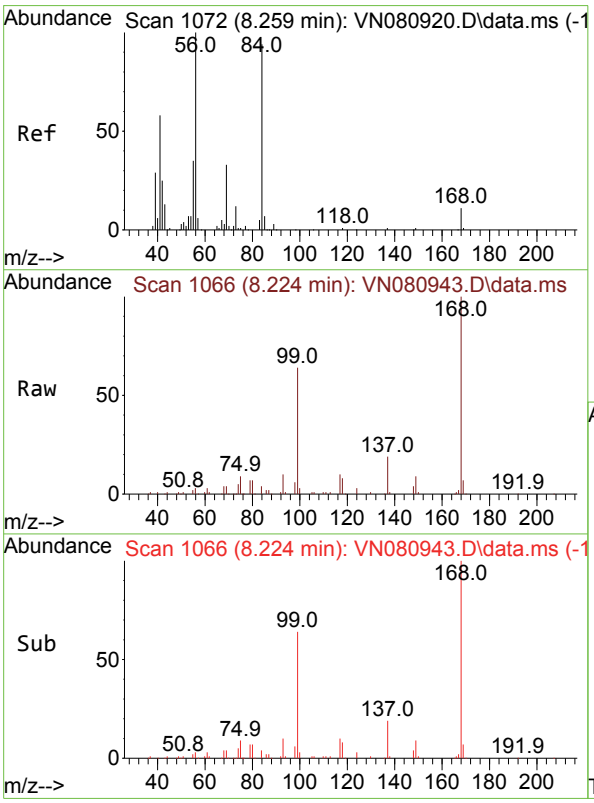
#29
Tetrahydrofuran
Concen: 0.442 ug/l
RT: 7.841 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

Tgt Ion: 42 Resp: 481

Ion	Ratio	Lower	Upper
42	100		
72	105.8	31.1	46.7#
71	91.3	28.3	42.5#

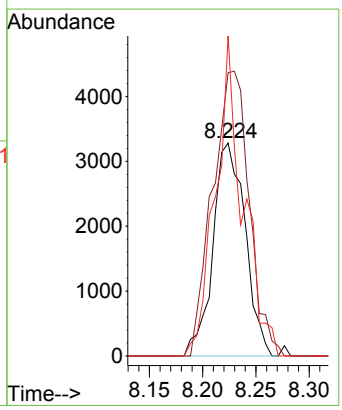


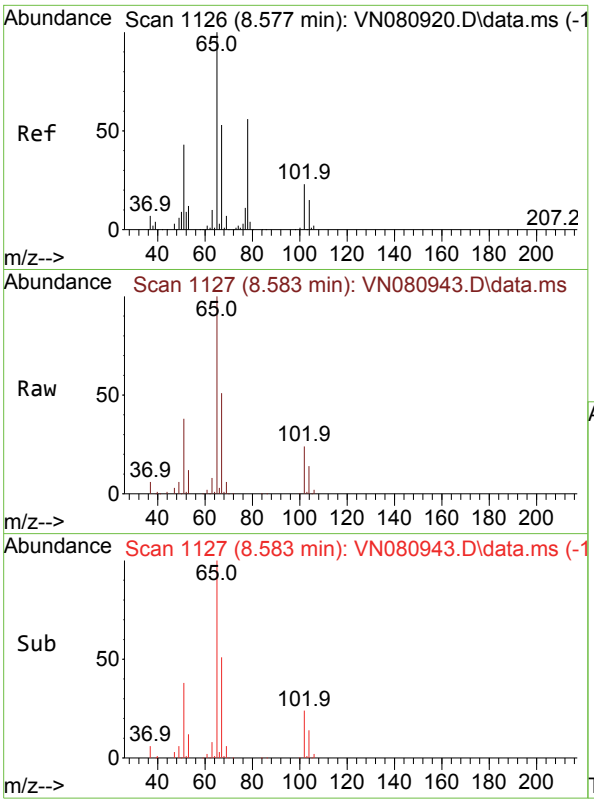


#31
Cyclohexane
Concen: 1.496 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion: 56 Resp: 6898

Ion	Ratio	Lower	Upper
56	100		
69	133.1	20.1	30.1#
84	150.4	56.9	85.3#



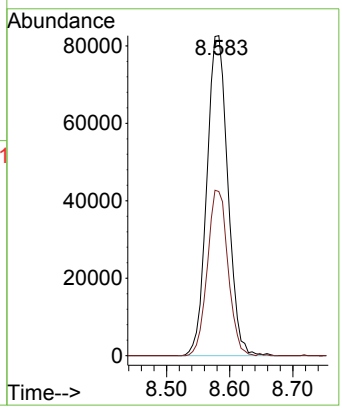


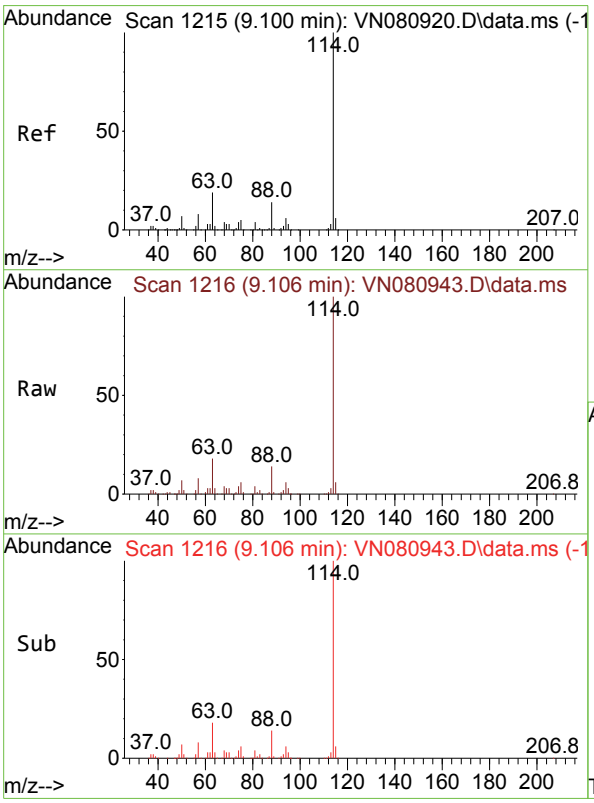
#33
1,2-Dichloroethane-d4
Concen: 56.377 ug/l
RT: 8.583 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

Tgt Ion: 65 Resp: 190206

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.4

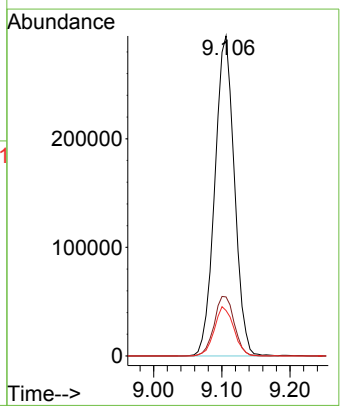


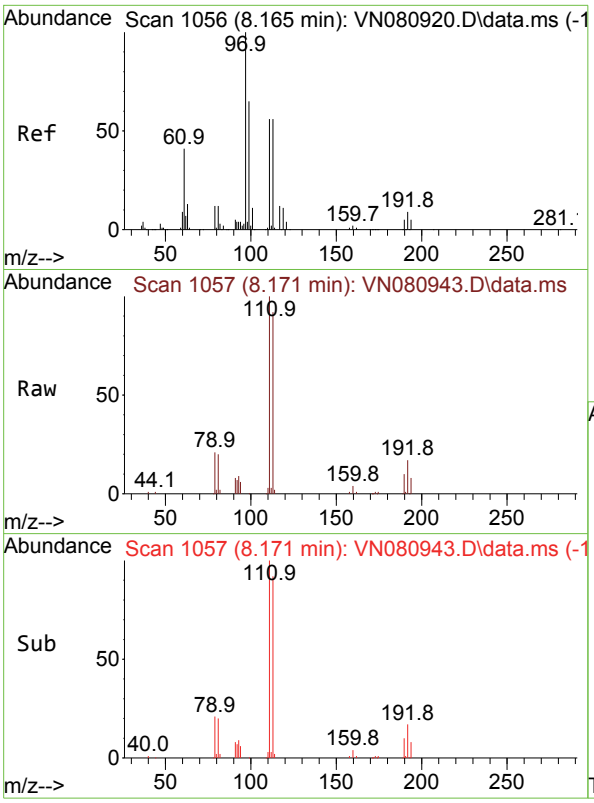


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion:114 Resp: 588920

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	48.0
88	14.2	0.0	34.8



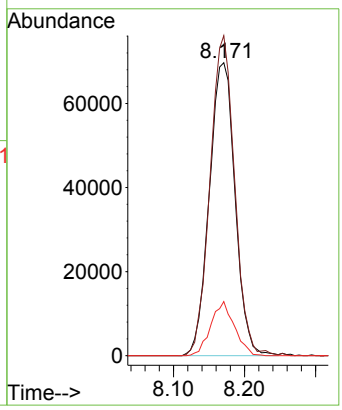


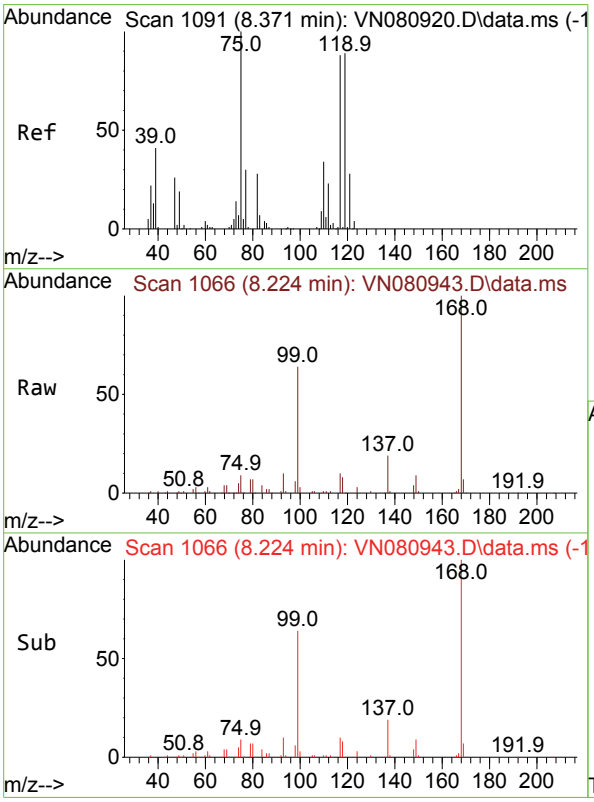
#35
Dibromofluoromethane
Concen: 55.472 ug/l
RT: 8.171 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

Tgt Ion:113 Resp: 175299

Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.2	123.4
192	17.0	12.5	18.7

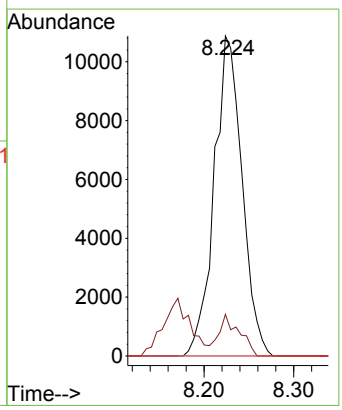


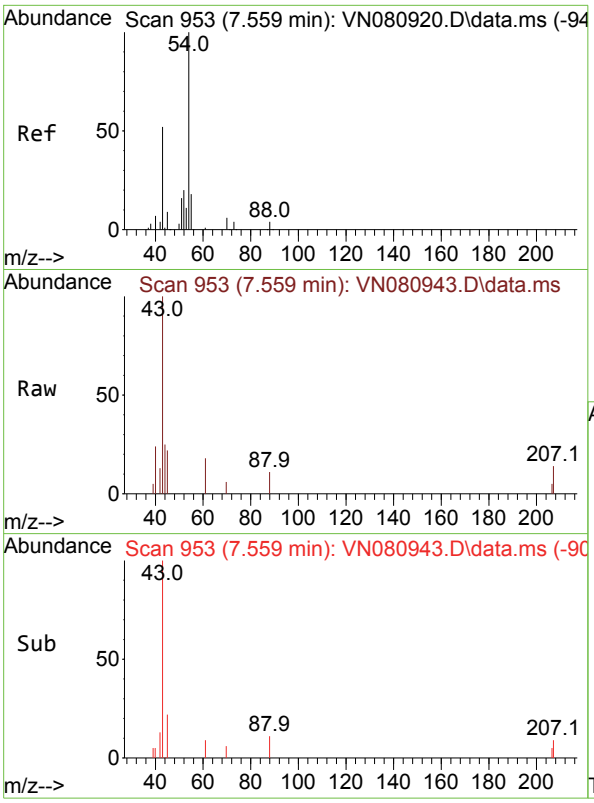


#36
1,1-Dichloropropene
Concen: 4.983 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion: 75 Resp: 23427

Ion	Ratio	Lower	Upper
75	100		
110	9.5	16.0	48.0#
77	0.0	25.8	38.6#



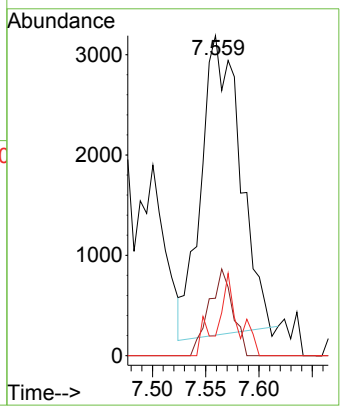


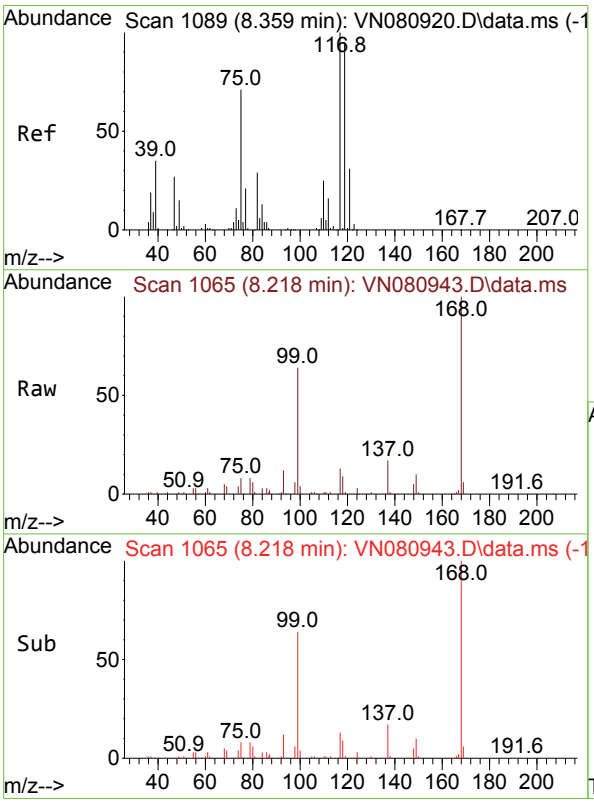
#37
Ethyl Acetate
Concen: 2.127 ug/l
RT: 7.559 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

Tgt Ion: 43 Resp: 7568

Ion	Ratio	Lower	Upper
43	100		
61	17.5	10.6	15.8#
70	14.7	8.0	12.0#

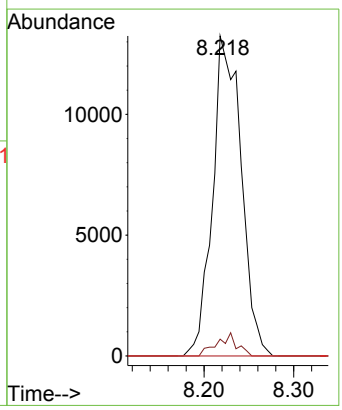


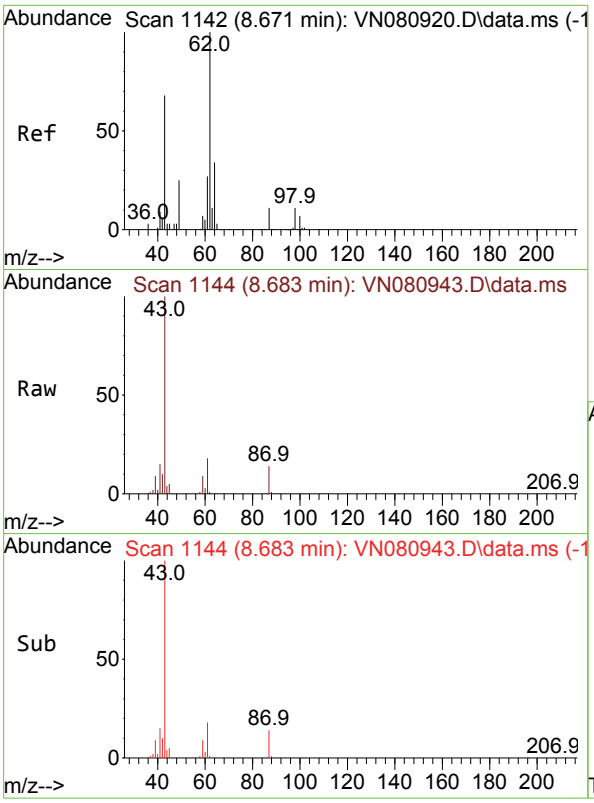


#38
Carbon Tetrachloride
Concen: 6.071 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion:117 Resp: 29258

Ion	Ratio	Lower	Upper
117	100		
119	5.2	73.4	110.2#
121	0.0	24.4	36.6#



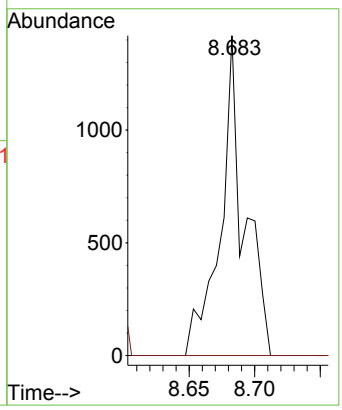


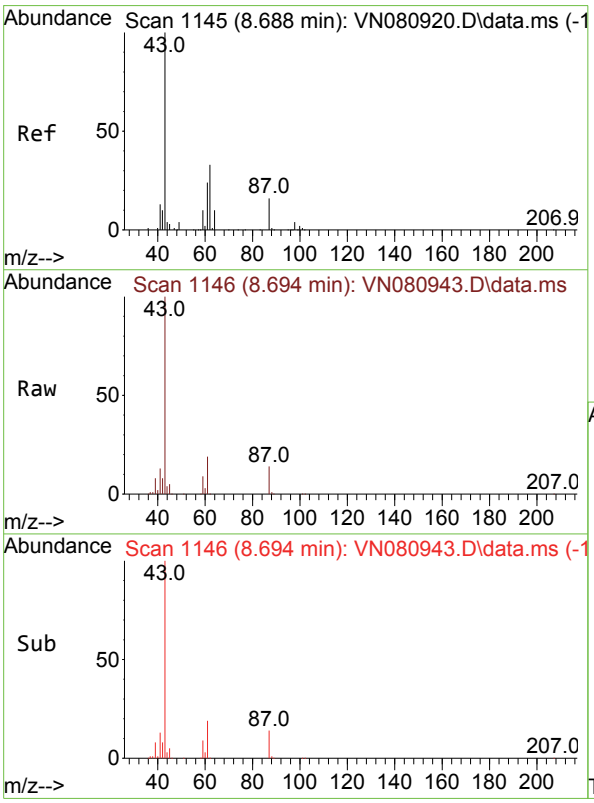
#42
1,2-Dichloroethane
Concen: 0.357 ug/l
RT: 8.683 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

Tgt Ion: 62 Resp: 1781

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.0

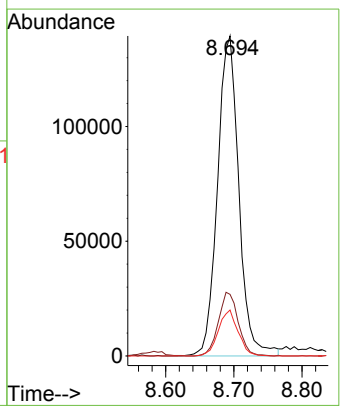


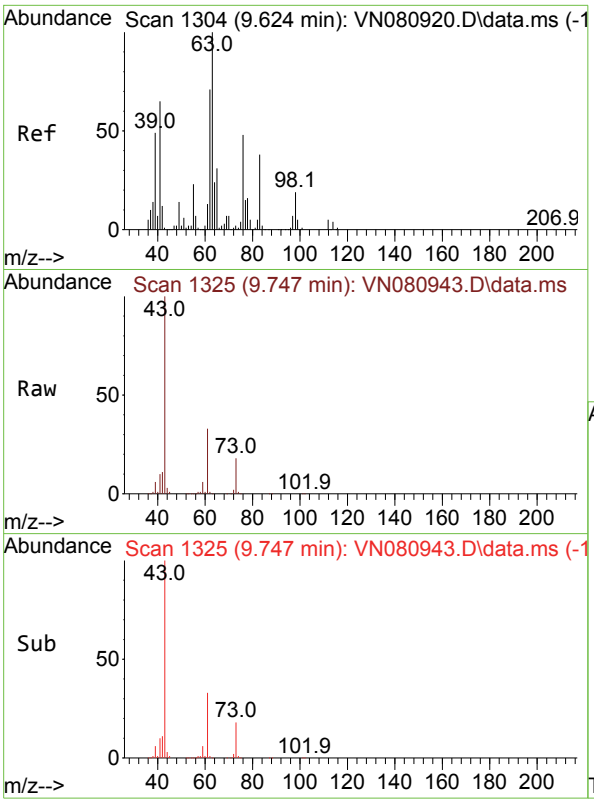


#43
Isopropyl Acetate
Concen: 46.554 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion: 43 Resp: 304528

Ion	Ratio	Lower	Upper
43	100		
61	18.5	19.9	29.9#
87	13.2	9.0	13.6



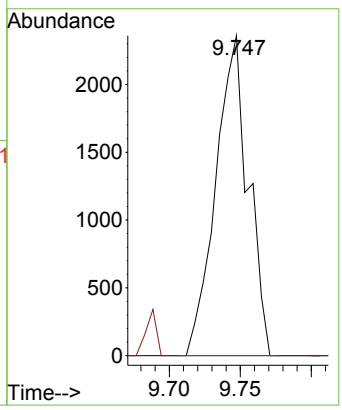


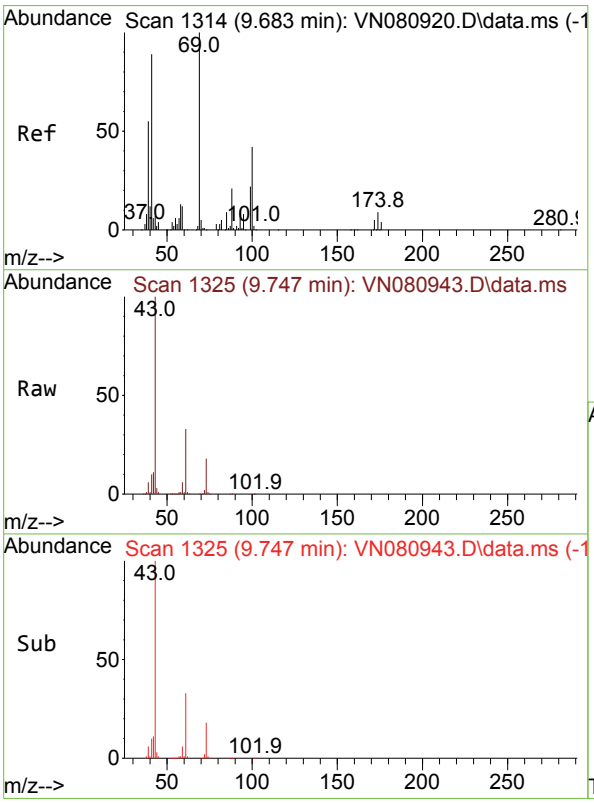
#45
1,2-Dichloropropane
Concen: 0.972 ug/l
RT: 9.747 min Scan# 1
Delta R.T. 0.123 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

Tgt Ion: 63 Resp: 3754

Ion	Ratio	Lower	Upper
63	100		
65	0.0	26.1	39.1#

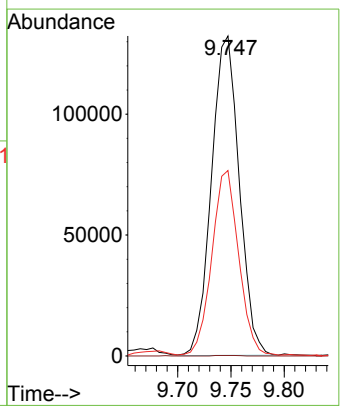


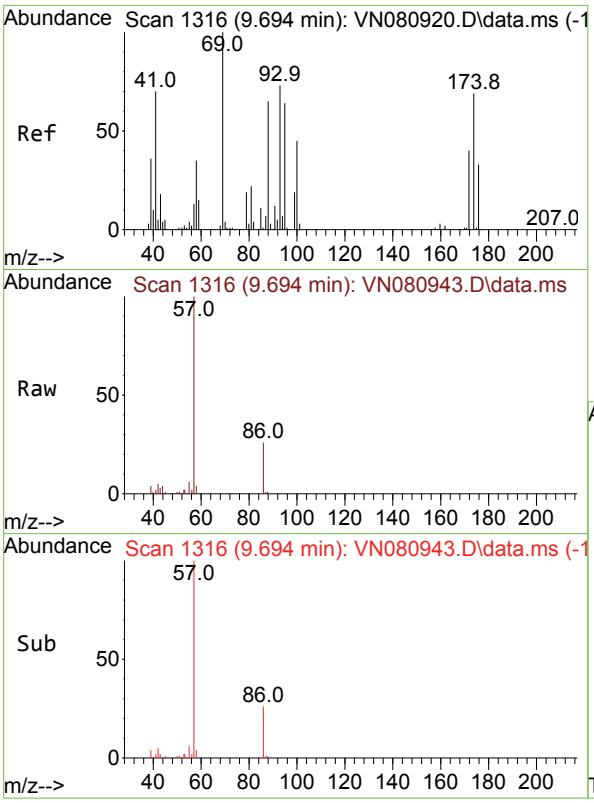


#48
Methyl methacrylate
Concen: 64.904 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.065 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion: 41 Resp: 239203

Ion	Ratio	Lower	Upper
41	100		
69	0.2	62.2	93.2#
39	55.8	47.6	71.4



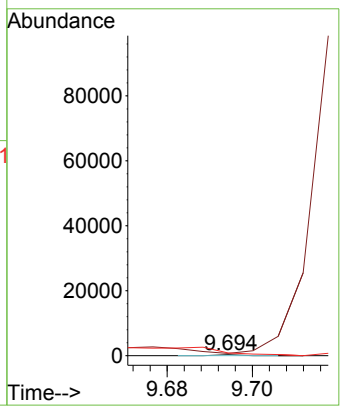


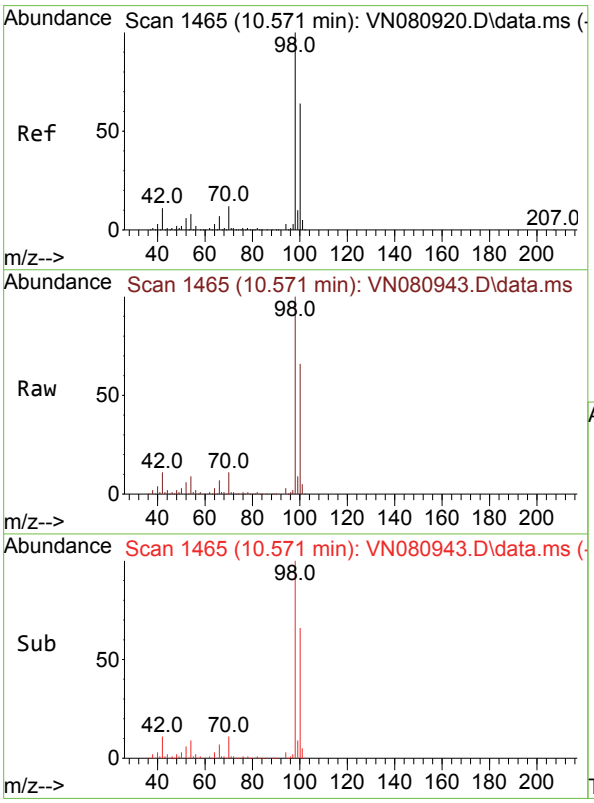
#49
1,4-Dioxane
Concen: 1.455 ug/l
RT: 9.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

Tgt Ion: 88 Resp: 99

Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.1	45.1#
58	6100.0	63.9	95.9#

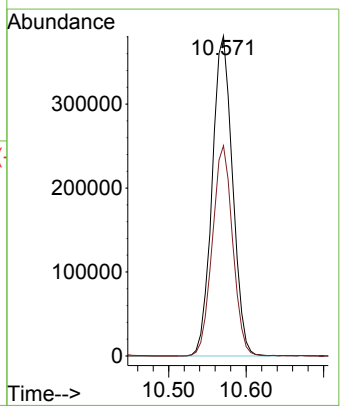


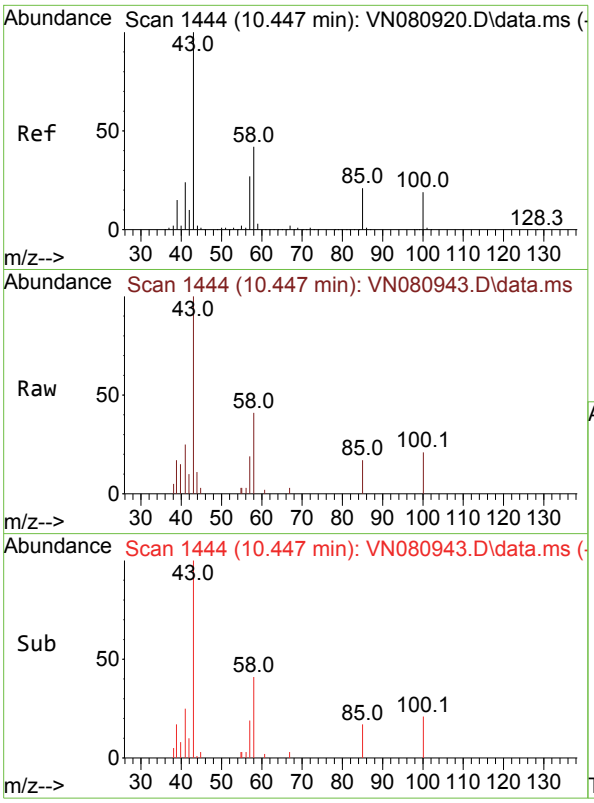


#50
Toluene-d8
Concen: 61.063 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion: 98 Resp: 697984

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.4	77.0



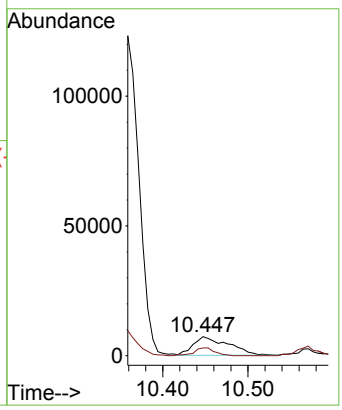


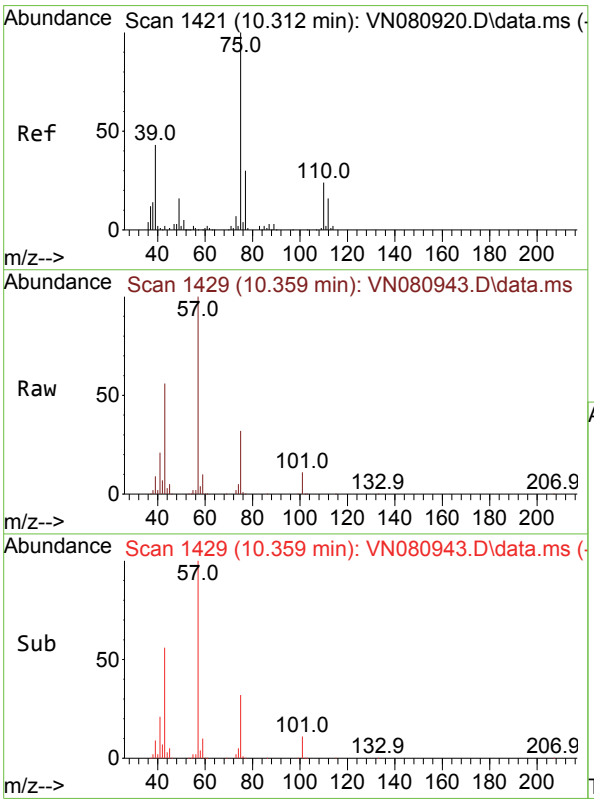
#51
4-Methyl-2-Pentanone
Concen: 5.279 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

Tgt Ion: 43 Resp: 20812

Ion	Ratio	Lower	Upper
43	100		
58	24.4	29.4	44.0#

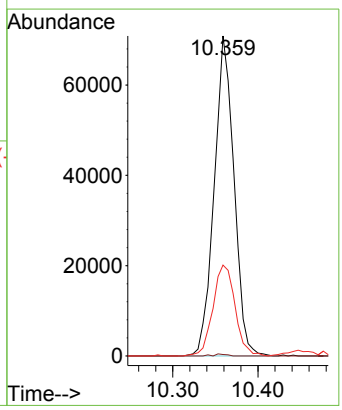


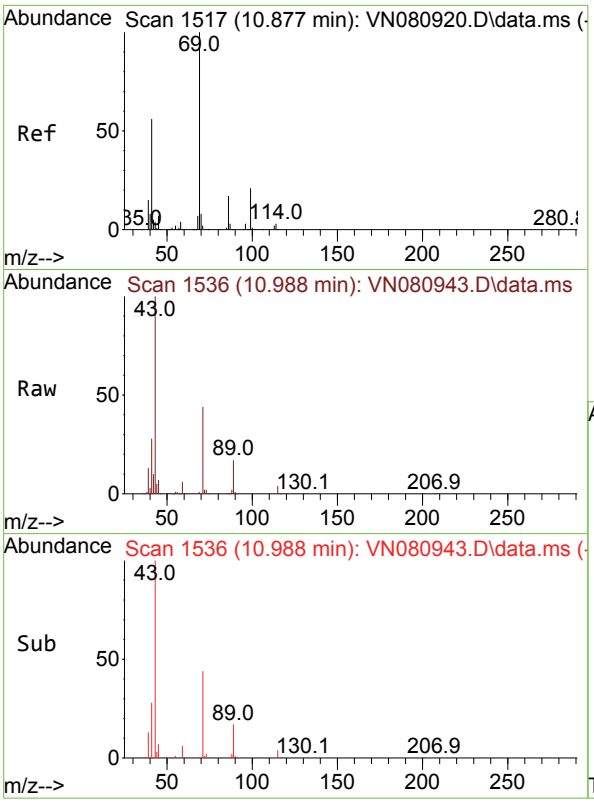


#54
cis-1,3-Dichloropropene
Concen: 18.822 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion: 75 Resp: 114170

Ion	Ratio	Lower	Upper
75	100		
77	0.4	23.3	34.9#
39	28.4	44.6	66.8#



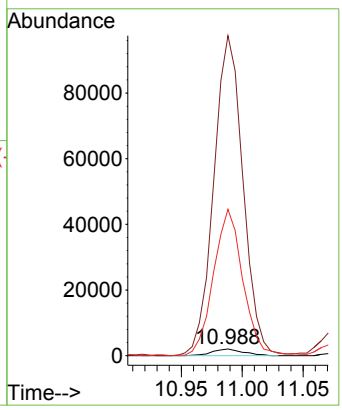


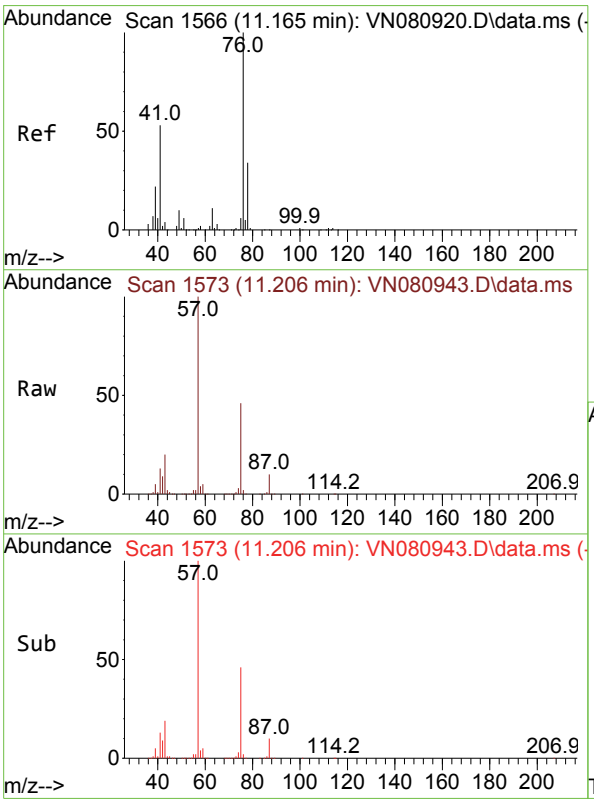
#56
Ethyl methacrylate
Concen: 0.820 ug/l
RT: 10.988 min Scan# 1
Delta R.T. 0.111 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

Tgt Ion: 69 Resp: 3633

Ion	Ratio	Lower	Upper
69	100		
41	4491.1	61.0	91.6#
39	2067.2	31.8	47.6#

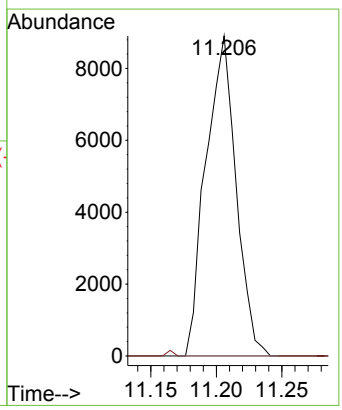


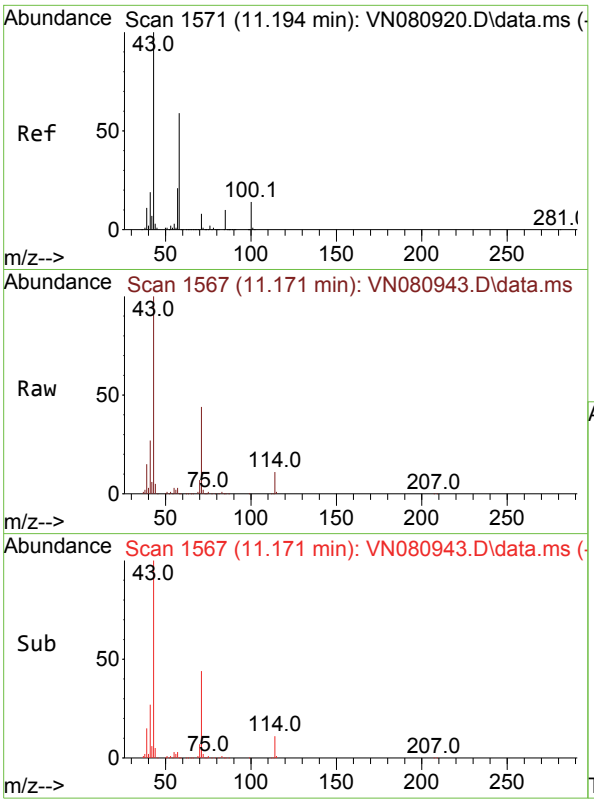


#57
1,3-Dichloropropane
Concen: 2.375 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion: 76 Resp: 14278

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#



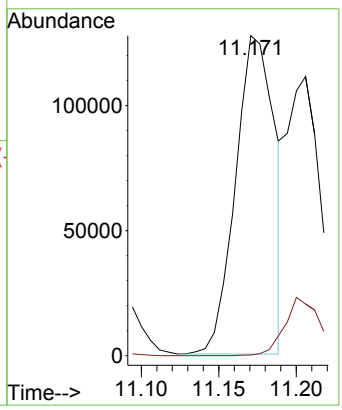


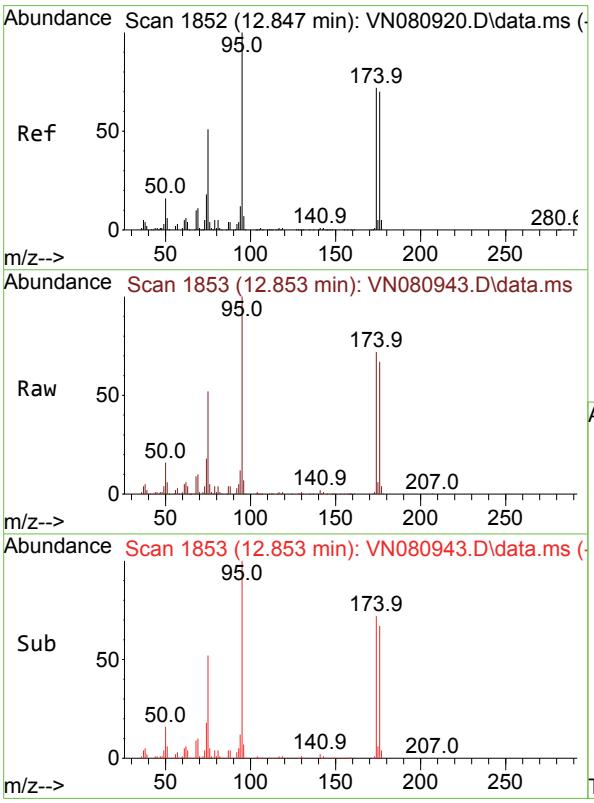
#59
2-Hexanone
Concen: 74.786 ug/l
RT: 11.171 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

Tgt Ion: 43 Resp: 223449

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.9	77.8#

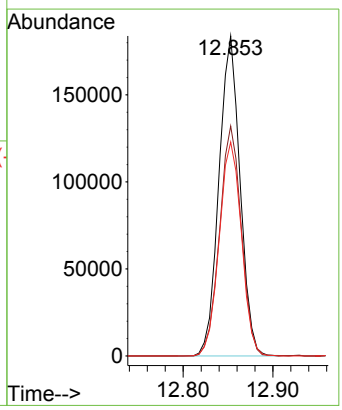


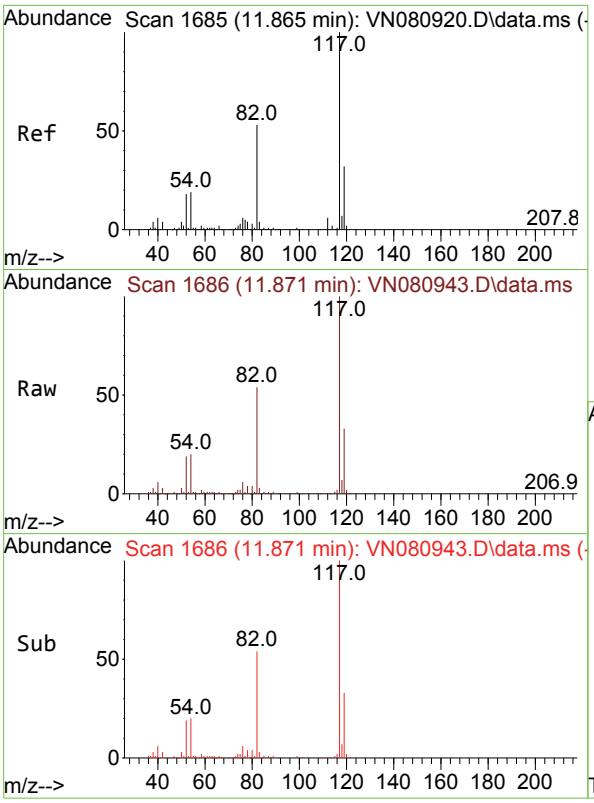


#62
4-Bromofluorobenzene
Concen: 72.173 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion: 95 Resp: 299692

Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	120.4
176	70.4	0.0	121.0



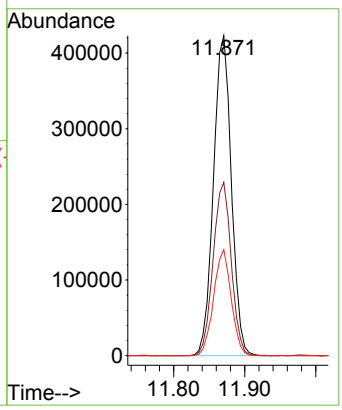


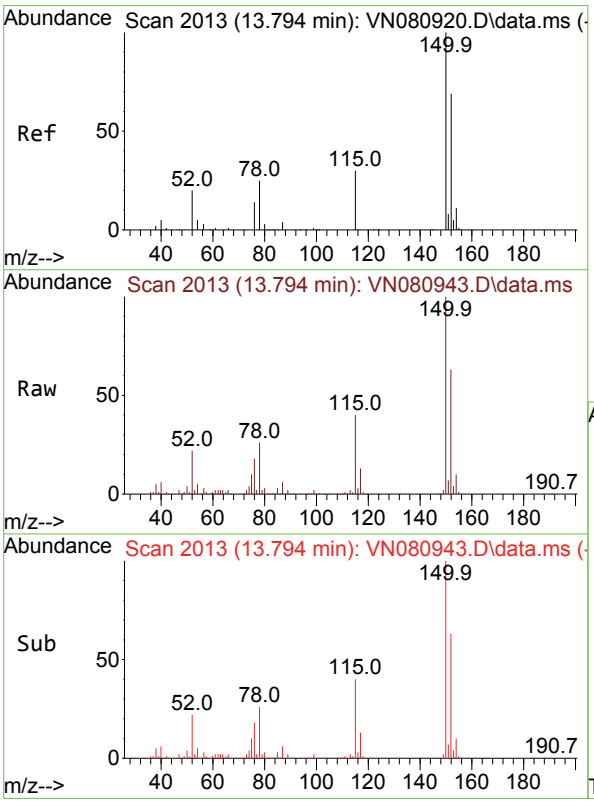
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

Tgt Ion:117 Resp: 738404

Ion	Ratio	Lower	Upper
117	100		
82	54.1	52.7	79.1
119	33.2	25.3	37.9

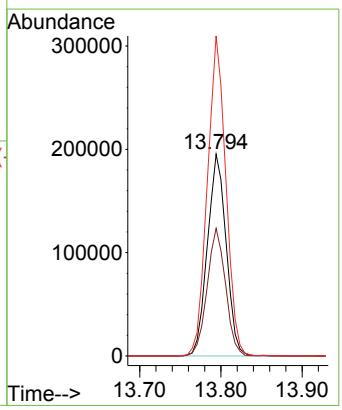


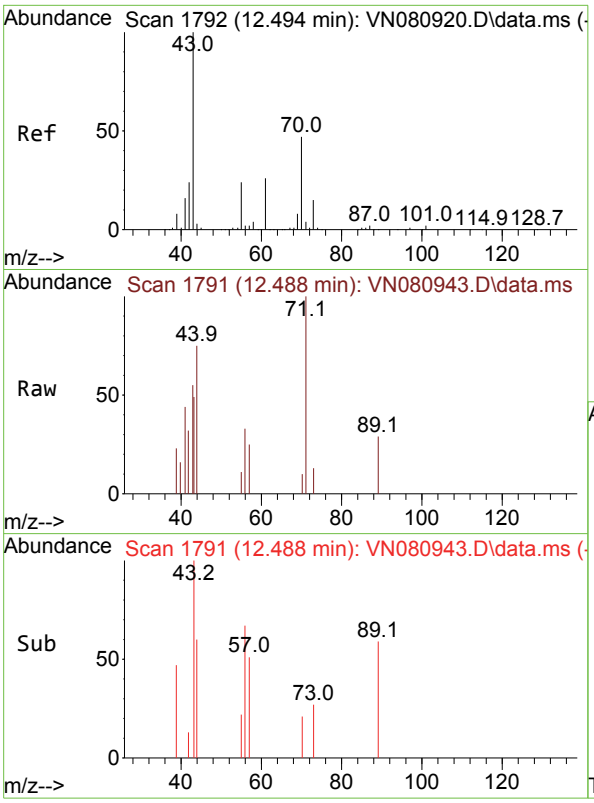


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion:152 Resp: 313311

Ion	Ratio	Lower	Upper
152	100		
115	62.1	32.3	96.8
150	156.3	0.0	339.8



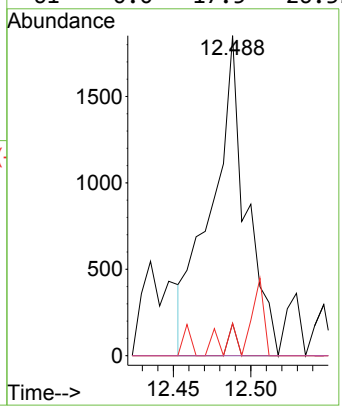


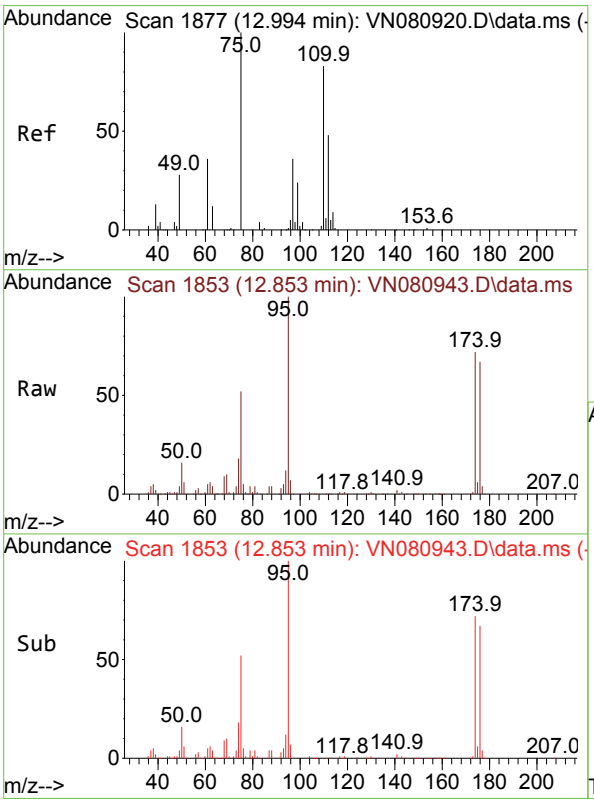
#74
N-amyl acetate
Concen: 0.327 ug/l
RT: 12.488 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

Tgt Ion: 43 Resp: 2871

Ion	Ratio	Lower	Upper
43	100		
70	2.3	30.1	45.1#
55	10.3	17.0	25.4#
61	0.0	17.5	26.3#

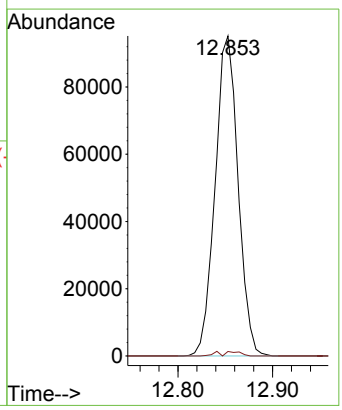


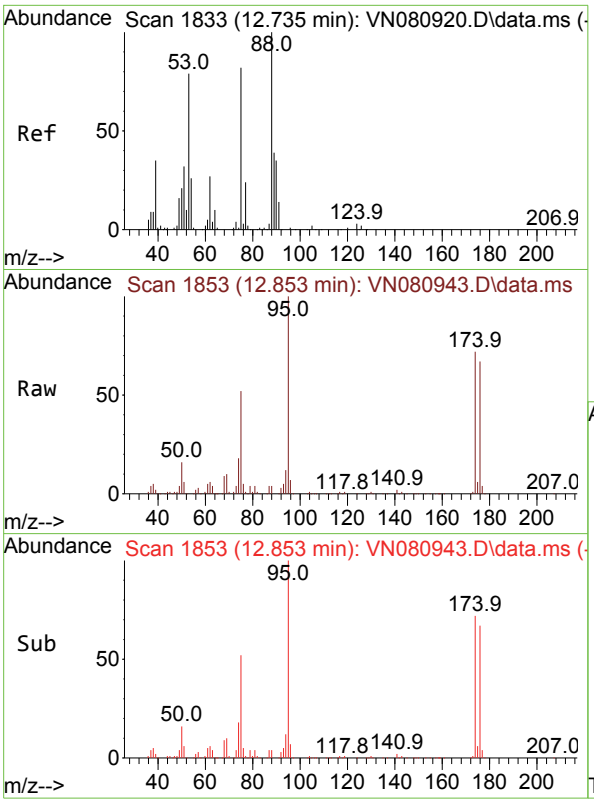


#76
1,2,3-Trichloropropane
Concen: 25.083 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion: 75 Resp: 160234

Ion	Ratio	Lower	Upper
75	100		
77	0.9	91.0	272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.147 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.118 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

Tgt Ion: 75 Resp: 160234

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