Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
Data File : VN080941.D
Acq On : 07 Feb 2024 17:15
Operator : JC\MD
Sample : PB158850ZHE#05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#05

Quant Time: Feb 08 00:28:40 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	8.229	168	271592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	592188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	752703	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	318753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	193826	56.573	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.140%			
35) Dibromofluoromethane	8.165	113	180316	56.745	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.480%			
50) Toluene-d8	10.571	98	721175	62.744	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 125.480%#			
62) 4-Bromofluorobenzene	12.853	95	311309	74.557	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 149.120%#			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	3851	Below Cal	#	85
5) Bromomethane	2.953	94	2366	0.915	ug/l #	37
6) Chloroethane	3.118	64	937	0.331	ug/l #	42
11) Tert butyl alcohol	5.518	59	184	0.390	ug/l #	72
13) Acrolein	4.189	56	435	0.731	ug/l #	35
16) Acetone	4.430	43	45461	40.331	ug/l #	83
18) Methyl Acetate	5.030	43	3508	Below Cal		95
20) Methylene Chloride	5.271	84	8322	2.437	ug/l #	74
25) 2-Butanone	7.488	43	6458	3.569	ug/l	100
29) Tetrahydrofuran	7.853	42	979	0.885	ug/l #	59
31) Cyclohexane	8.229	56	6318	1.349	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	22831	4.830	ug/l #	52
37) Ethyl Acetate	7.565	43	7982	2.231	ug/l #	88
38) Carbon Tetrachloride	8.224	117	31093	6.416	ug/l #	19
42) 1,2-Dichloroethane	8.688	62	2059	0.411	ug/l #	75
43) Isopropyl Acetate	8.694	43	294585	44.786	ug/l #	90
48) Methyl methacrylate	9.747	41	238857	64.452	ug/l #	47
49) 1,4-Dioxane	9.700	88	96	1.403	ug/l #	18
51) 4-Methyl-2-Pentanone	10.453	43	21179	5.343	ug/l #	78
54) cis-1,3-Dichloropropene	10.359	75	113343	18.583	ug/l #	59
56) Ethyl methacrylate	10.988	69	2729	0.612	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	15042	2.489	ug/l #	44
59) 2-Hexanone	11.206	43	137461	45.753	ug/l	64
65) Chlorobenzene	11.888	112	3636	0.230	ug/l	99
74) N-amyl acetate	12.488	43	2983	0.334	ug/l #	49
76) 1,2,3-Trichloropropane	12.847	75	166003	25.542	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	166003	69.395	ug/l #	14

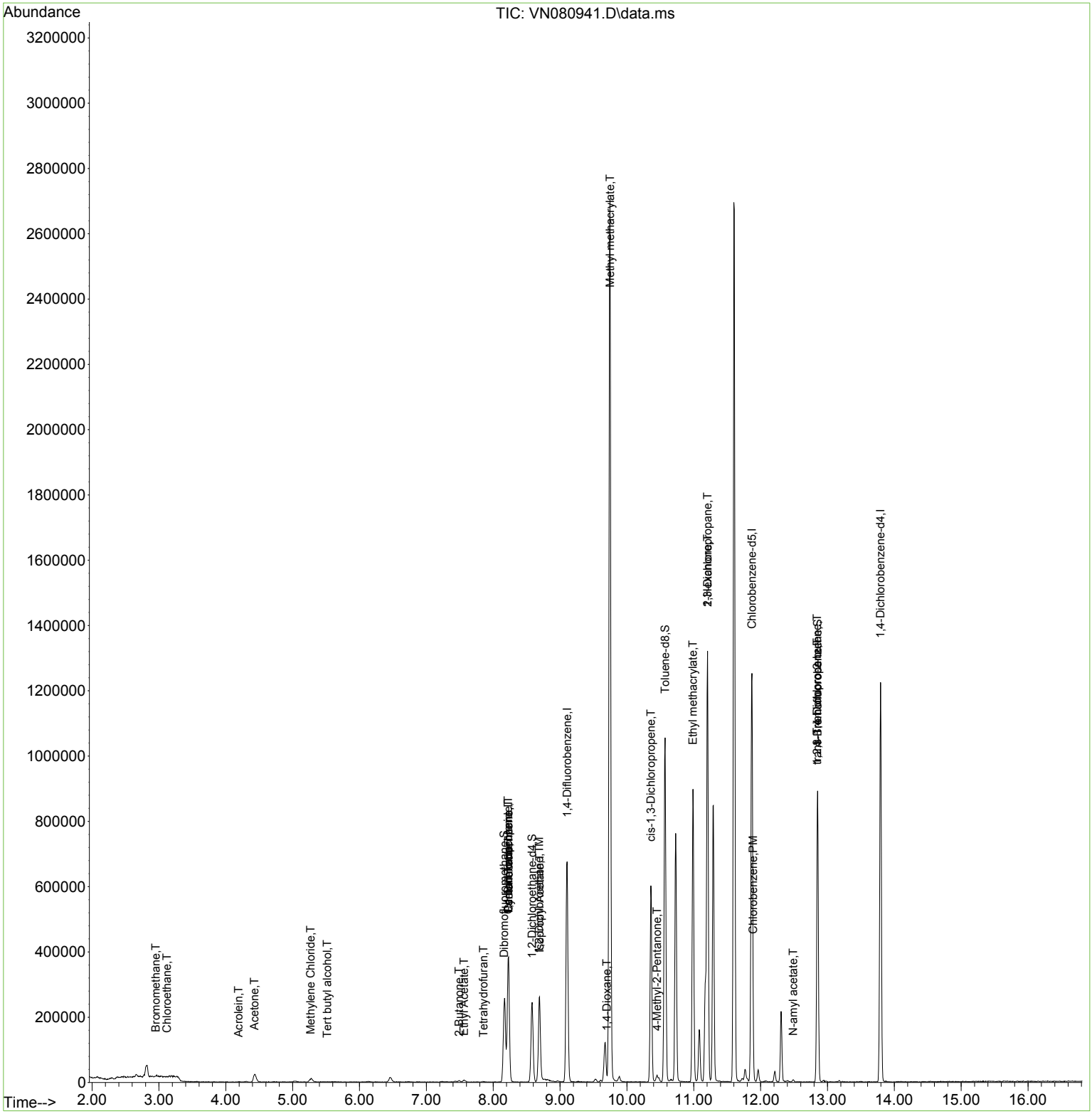
(#) = qualifier out of range (m) = manual integration (+) = signals summed

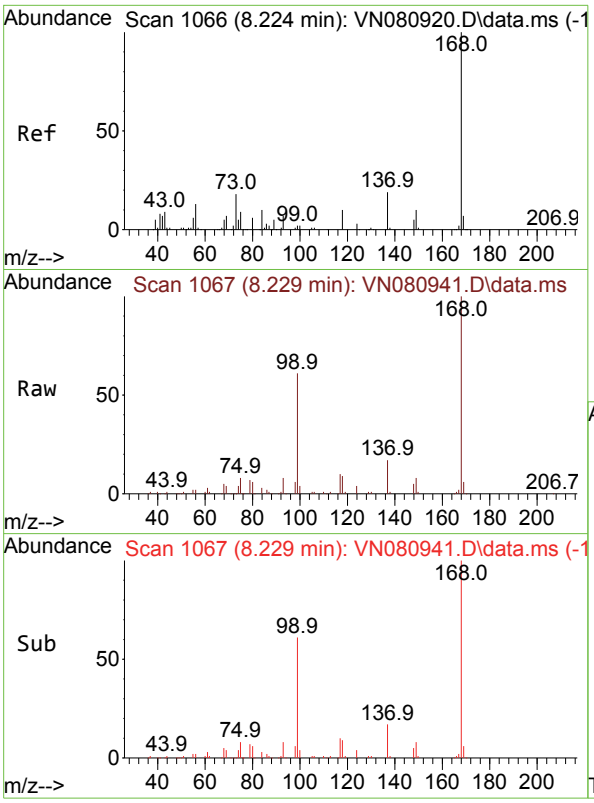
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
Data File : VN080941.D
Acq On : 07 Feb 2024 17:15
Operator : JC\MD
Sample : PB158850ZHE#05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#05

Quant Time: Feb 08 00:28:40 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



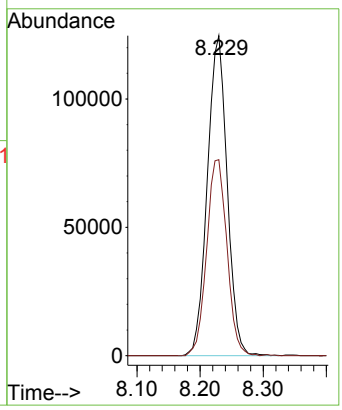


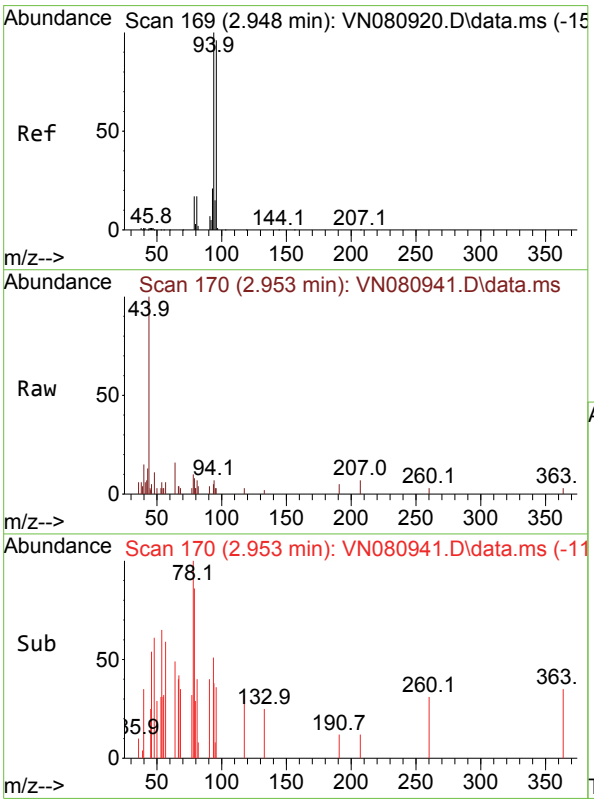
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#05

Tgt Ion:168 Resp: 271592

Ion	Ratio	Lower	Upper
168	100		
99	61.3	59.9	89.9

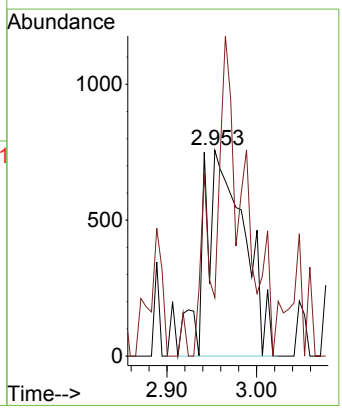


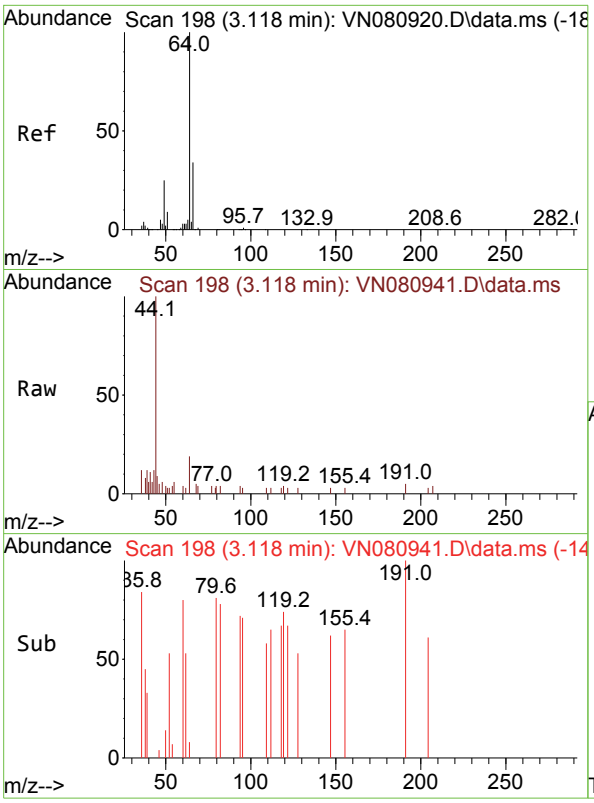


#5
Bromomethane
Concen: 0.915 ug/l
RT: 2.953 min Scan# 170
Delta R.T. 0.006 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Tgt Ion: 94 Resp: 2366

Ion	Ratio	Lower	Upper
94	100		
96	28.4	69.2	103.8#



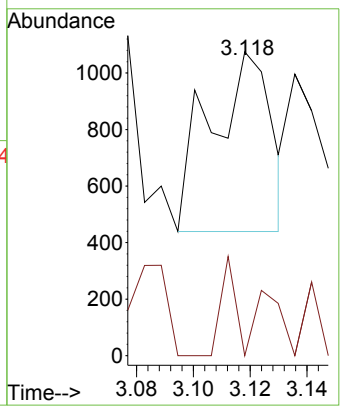


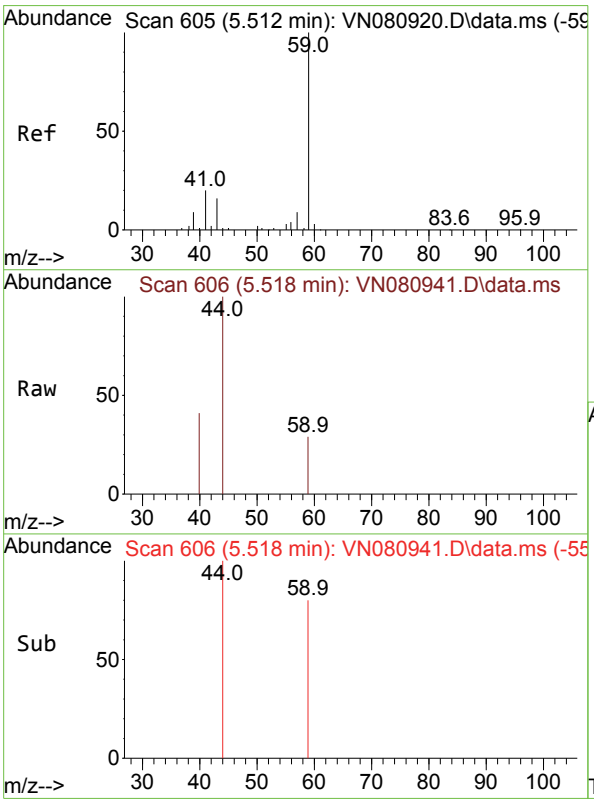
#6
Chloroethane
Concen: 0.331 ug/l
RT: 3.118 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#05

Tgt Ion: 64 Resp: 937

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.4	39.6#

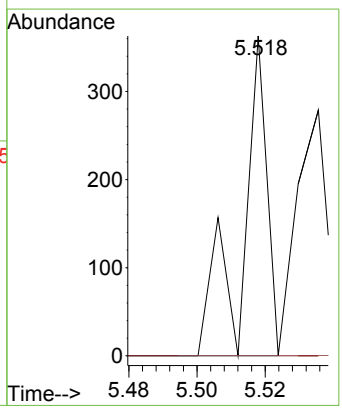


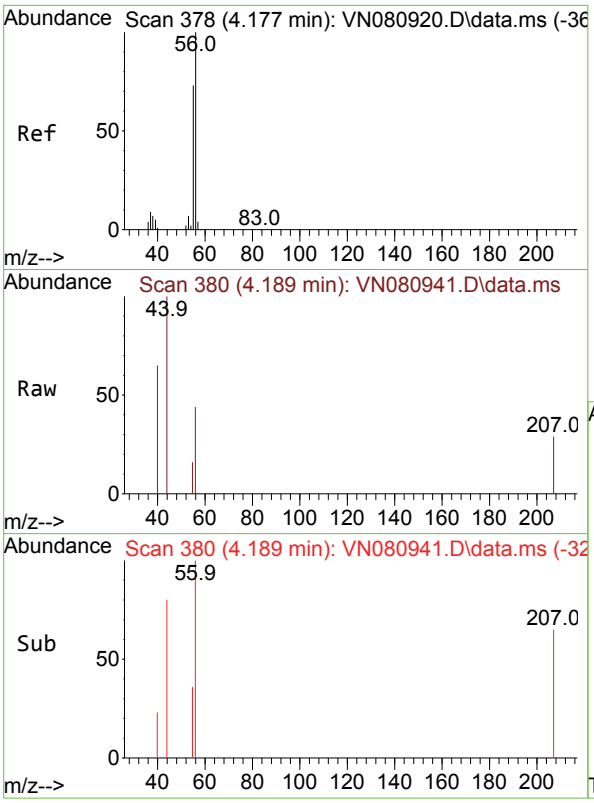


#11
Tert butyl alcohol
Concen: 0.390 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Tgt Ion: 59 Resp: 184

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#



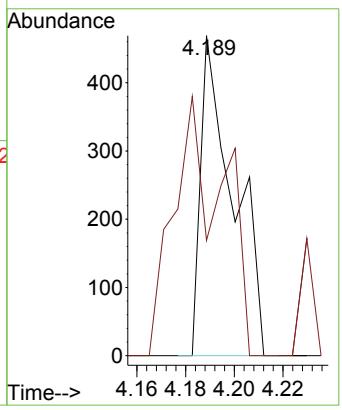


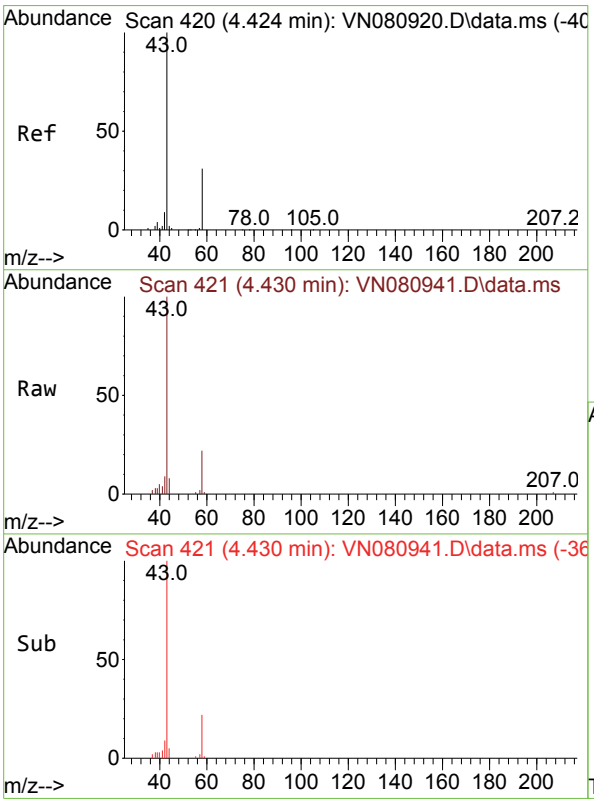
#13
Acrolein
Concen: 0.731 ug/l
RT: 4.189 min Scan# 3
Delta R.T. 0.012 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#05

Tgt Ion: 56 Resp: 435

Ion	Ratio	Lower	Upper
56	100		
55	121.8	55.3	82.9#

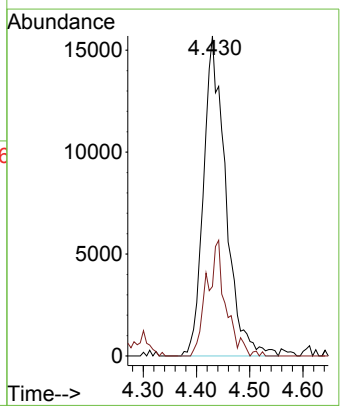


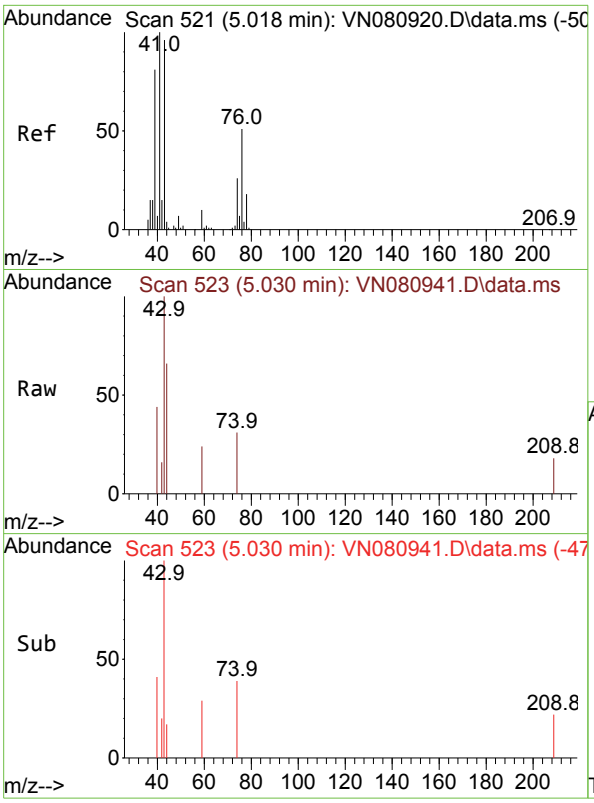


#16
Acetone
Concen: 40.331 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Tgt Ion: 43 Resp: 45461

Ion	Ratio	Lower	Upper
43	100		
58	21.7	24.8	37.2#



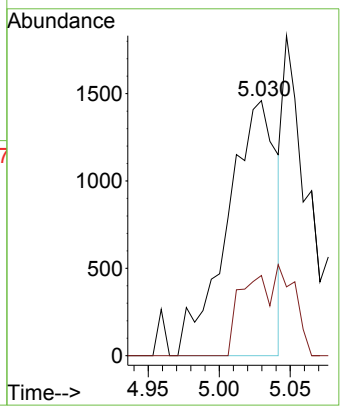


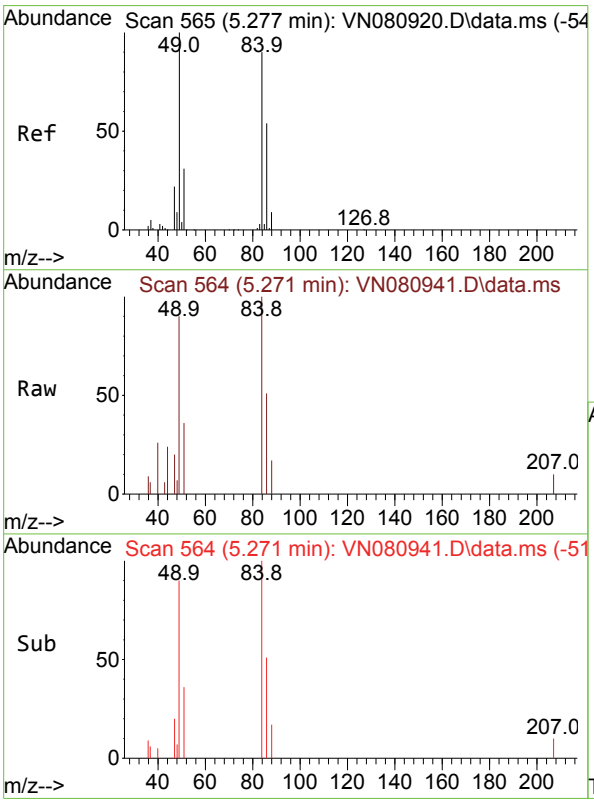
#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#05

Tgt Ion: 43 Resp: 3508

Ion	Ratio	Lower	Upper
43	100		
74	19.4	17.3	25.9

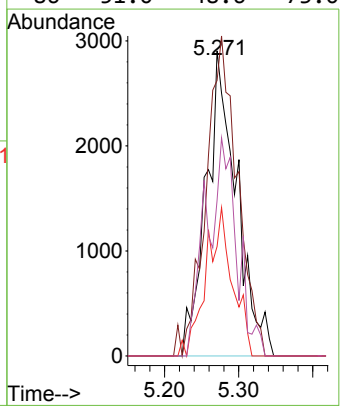


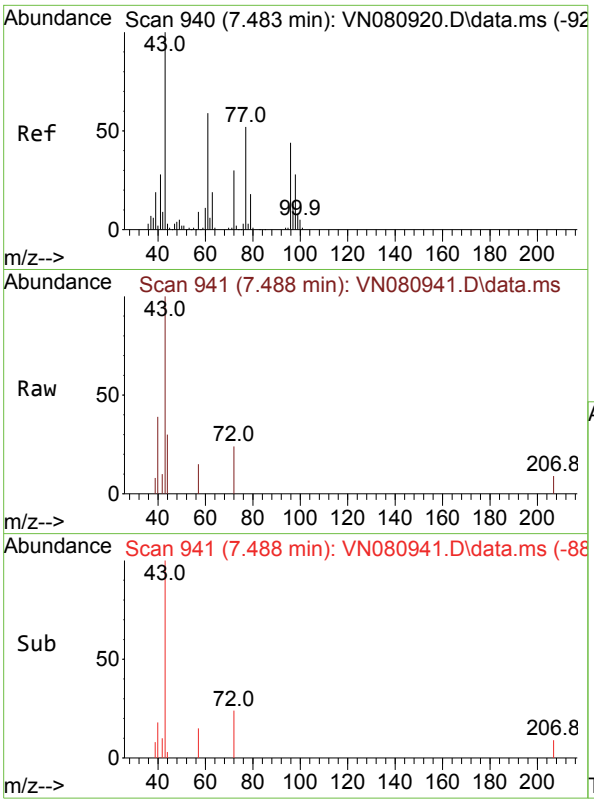


#20
Methylene Chloride
Concen: 2.437 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Tgt Ion: 84 Resp: 8322

Ion	Ratio	Lower	Upper
84	100		
49	90.3	108.1	162.1#
51	35.9	32.9	49.3
86	51.0	48.6	73.0



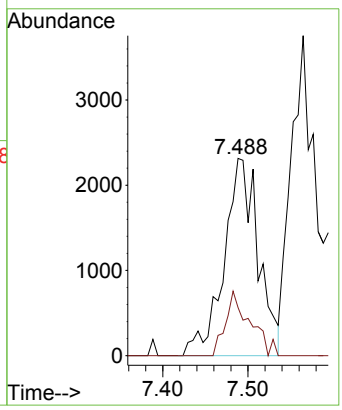


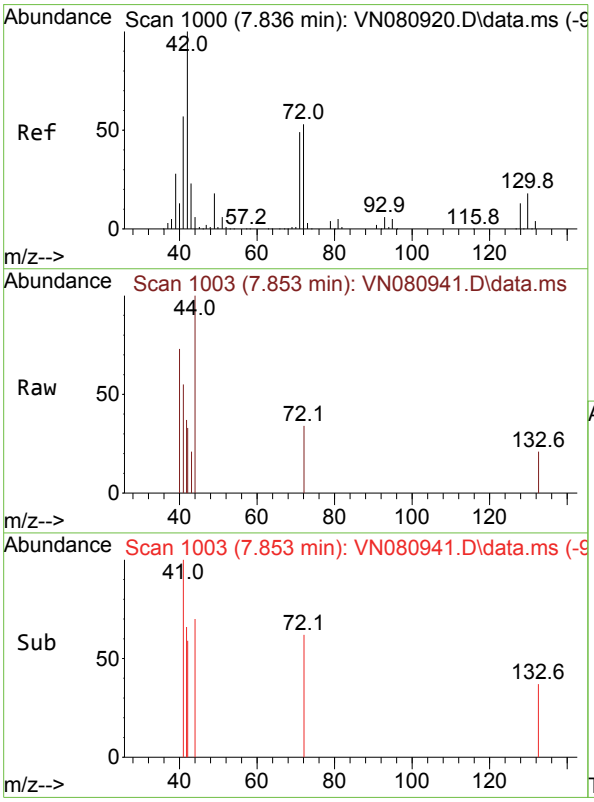
#25
2-Butanone
Concen: 3.569 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#05

Tgt Ion: 43 Resp: 6458

Ion	Ratio	Lower	Upper
43	100		
72	24.4	19.5	29.3

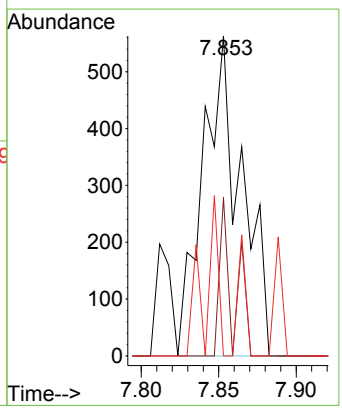


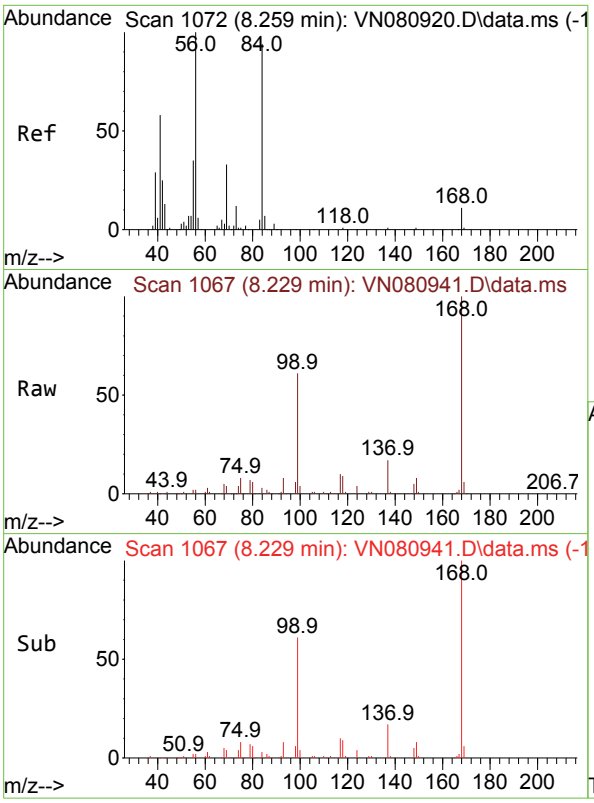


#29
Tetrahydrofuran
Concen: 0.885 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.017 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Tgt Ion: 42 Resp: 979

Ion	Ratio	Lower	Upper
42	100		
72	17.3	31.1	46.7#
71	7.7	28.3	42.5#



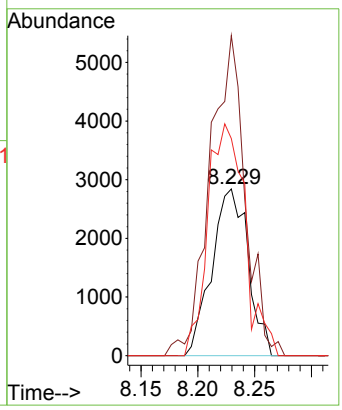


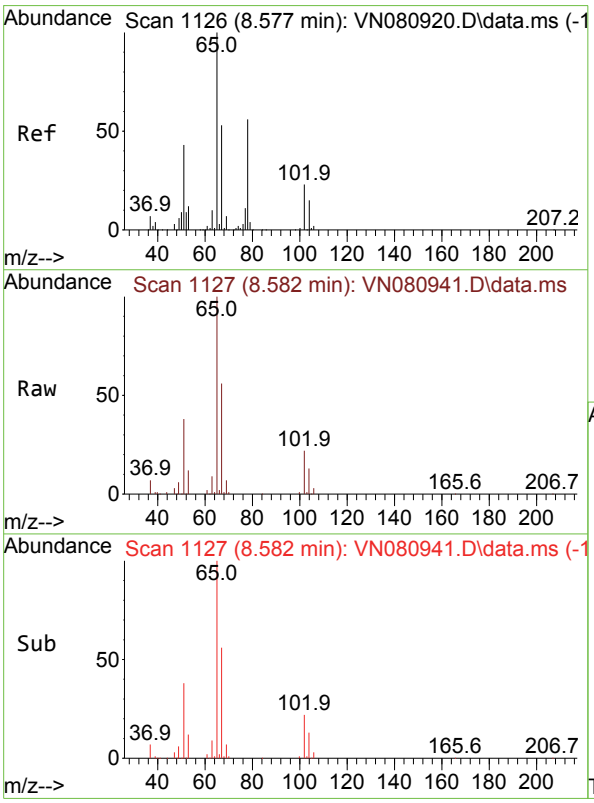
#31
Cyclohexane
Concen: 1.349 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.030 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#05

Tgt Ion: 56 Resp: 6318

Ion	Ratio	Lower	Upper
56	100		
69	183.5	20.1	30.1#
84	130.2	56.9	85.3#

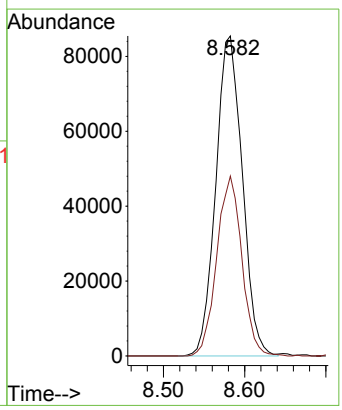


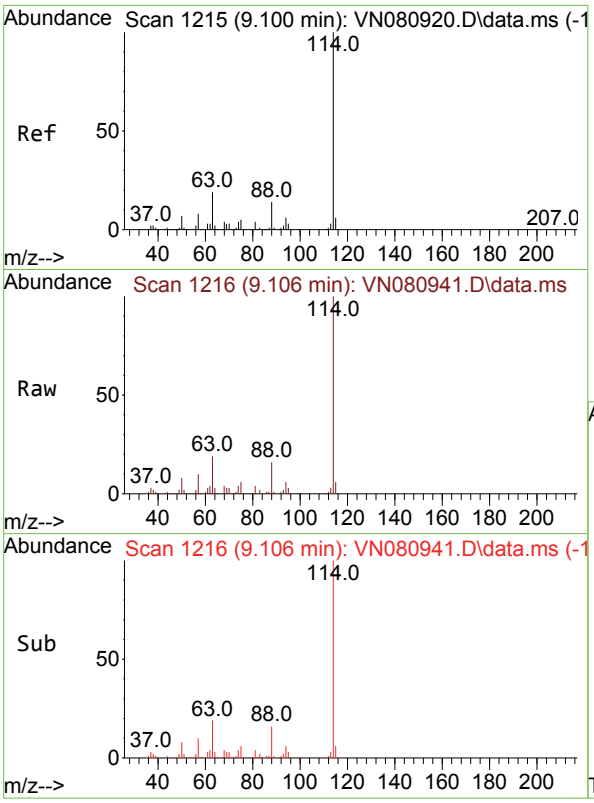


#33
1,2-Dichloroethane-d4
Concen: 56.573 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Tgt Ion: 65 Resp: 193826

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	102.4



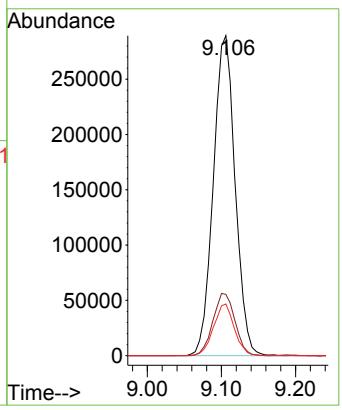


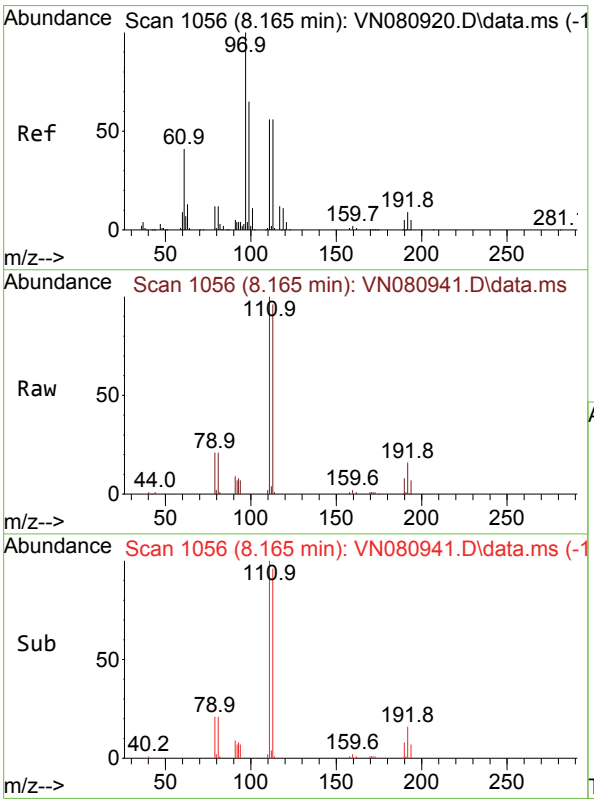
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#05

Tgt Ion:114 Resp: 592188

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	48.0
88	16.2	0.0	34.8

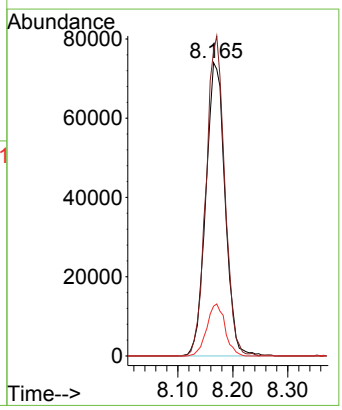


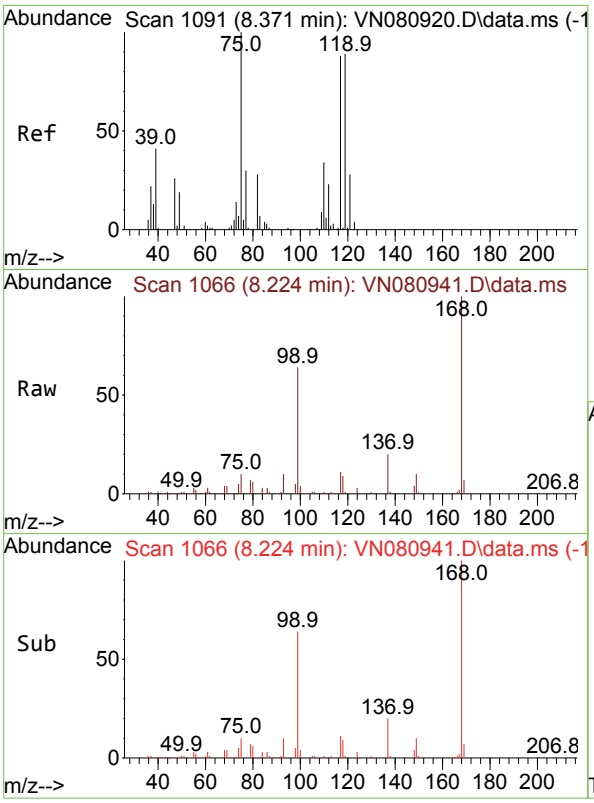


#35
Dibromofluoromethane
Concen: 56.745 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Tgt Ion:113 Resp: 180316

Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.2	123.4
192	16.9	12.5	18.7



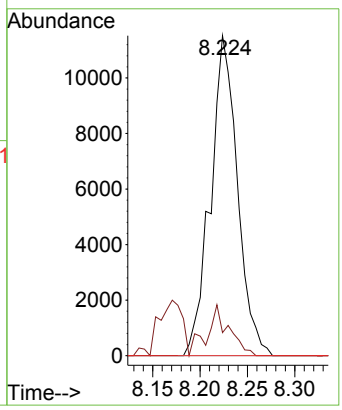


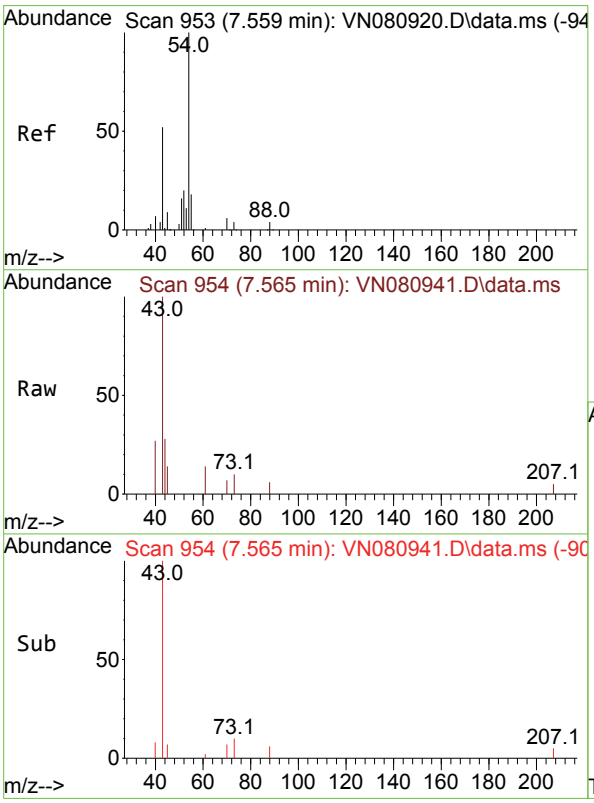
#36
1,1-Dichloropropene
Concen: 4.830 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#05

Tgt Ion: 75 Resp: 22831

Ion	Ratio	Lower	Upper
75	100		
110	10.6	16.0	48.0#
77	0.0	25.8	38.6#

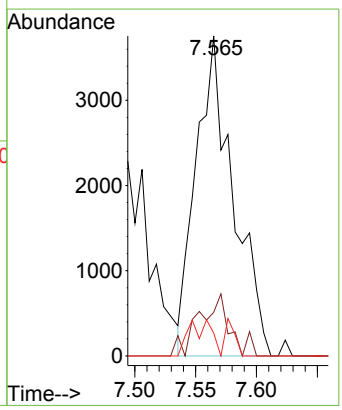


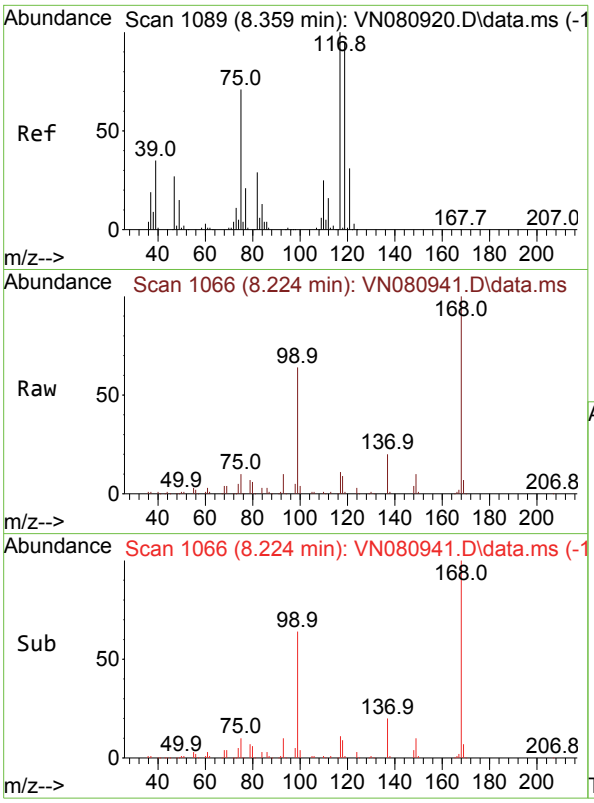


#37
Ethyl Acetate
Concen: 2.231 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Tgt Ion: 43 Resp: 7982

Ion	Ratio	Lower	Upper
43	100		
61	16.2	10.6	15.8#
70	3.0	8.0	12.0#



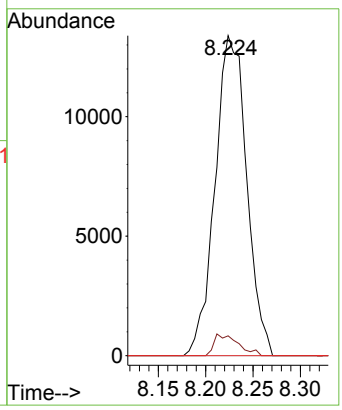


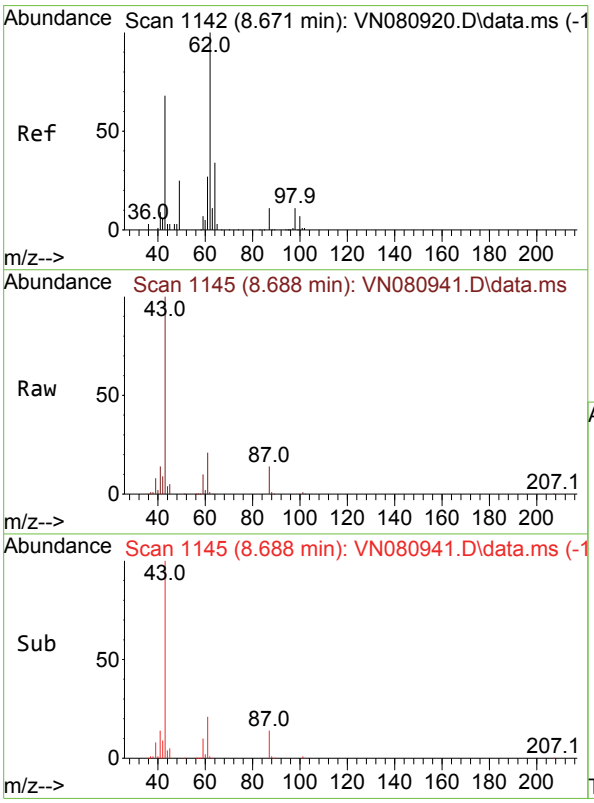
#38
Carbon Tetrachloride
Concen: 6.416 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#05

Tgt Ion:117 Resp: 31093

Ion	Ratio	Lower	Upper
117	100		
119	6.2	73.4	110.2#
121	0.0	24.4	36.6#

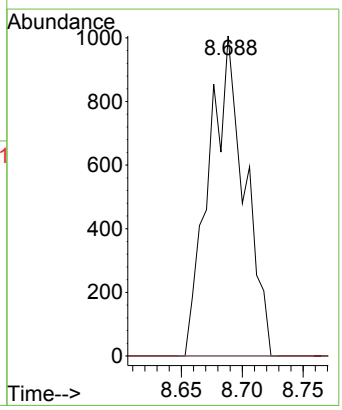


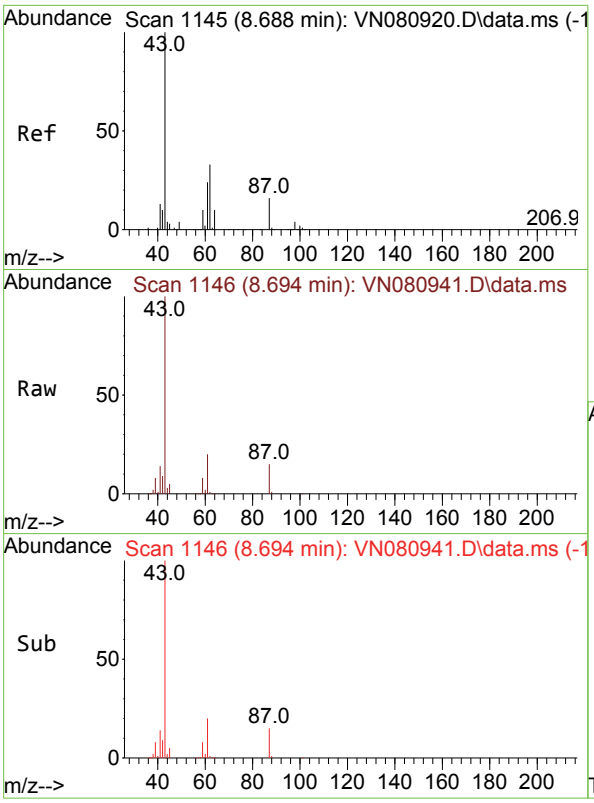


#42
1,2-Dichloroethane
Concen: 0.411 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.017 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Tgt Ion: 62 Resp: 2059

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.0



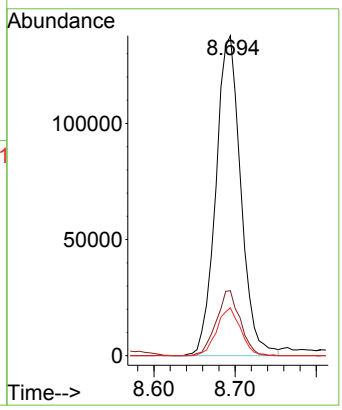


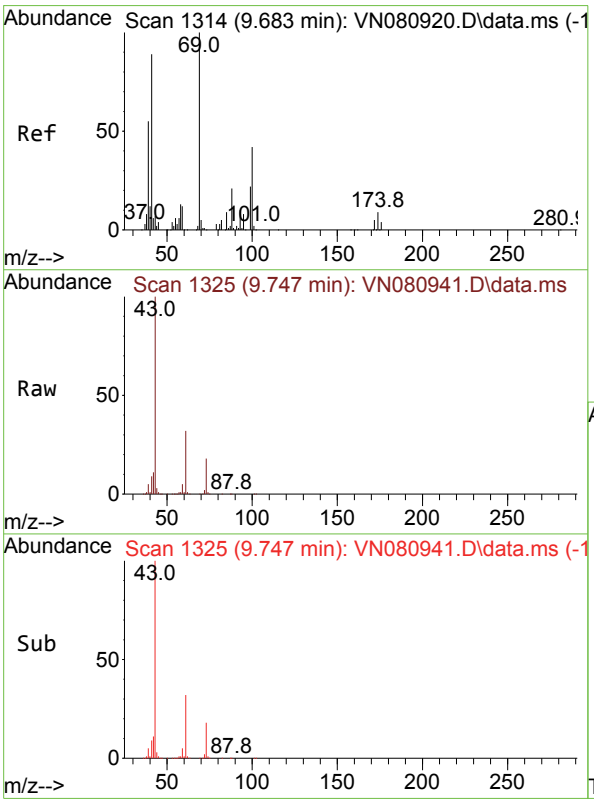
#43
Isopropyl Acetate
Concen: 44.786 ug/l
RT: 8.694 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#05

Tgt Ion: 43 Resp: 294585

Ion	Ratio	Lower	Upper
43	100		
61	19.5	19.9	29.9#
87	14.2	9.0	13.6#

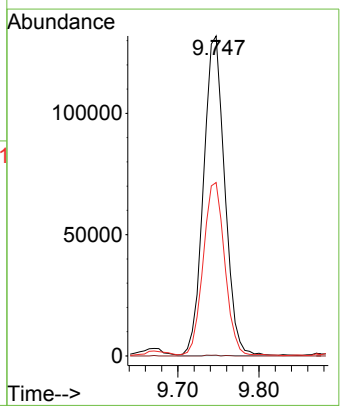


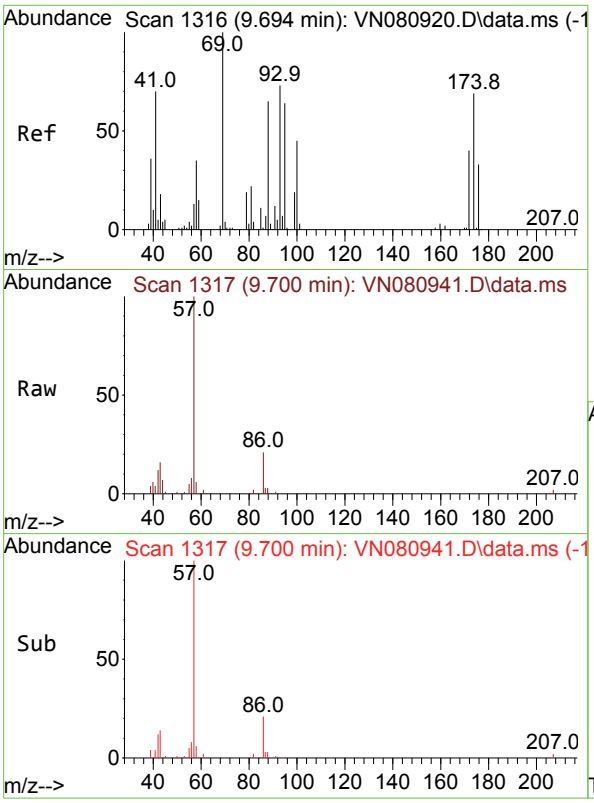


#48
Methyl methacrylate
Concen: 64.452 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.065 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Tgt Ion: 41 Resp: 238857

Ion	Ratio	Lower	Upper
41	100		
69	0.2	62.2	93.2#
39	55.4	47.6	71.4



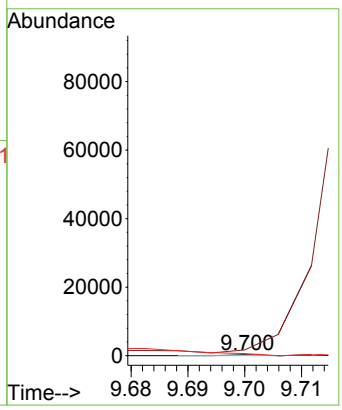


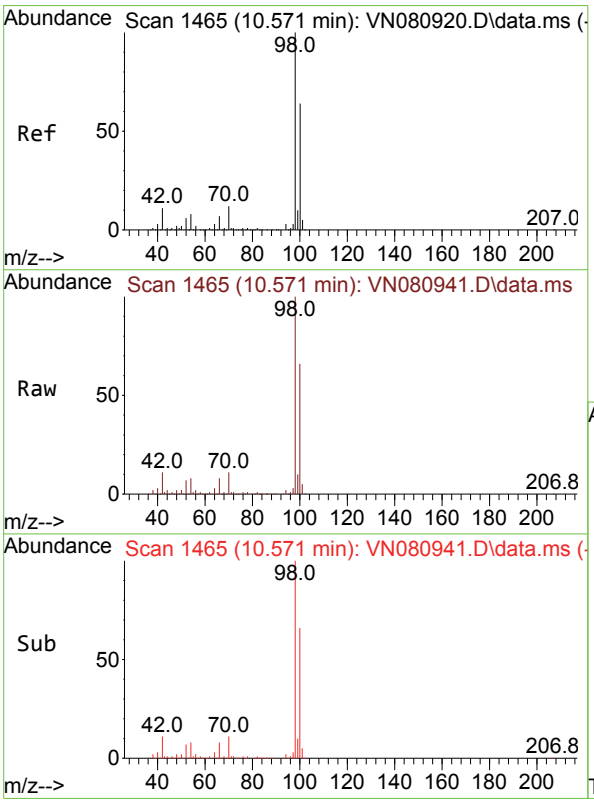
#49
1,4-Dioxane
Concen: 1.403 ug/l
RT: 9.700 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#05

Tgt Ion: 88 Resp: 96

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

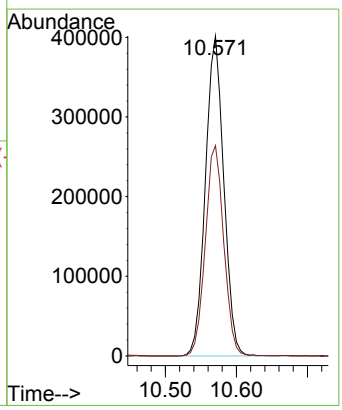


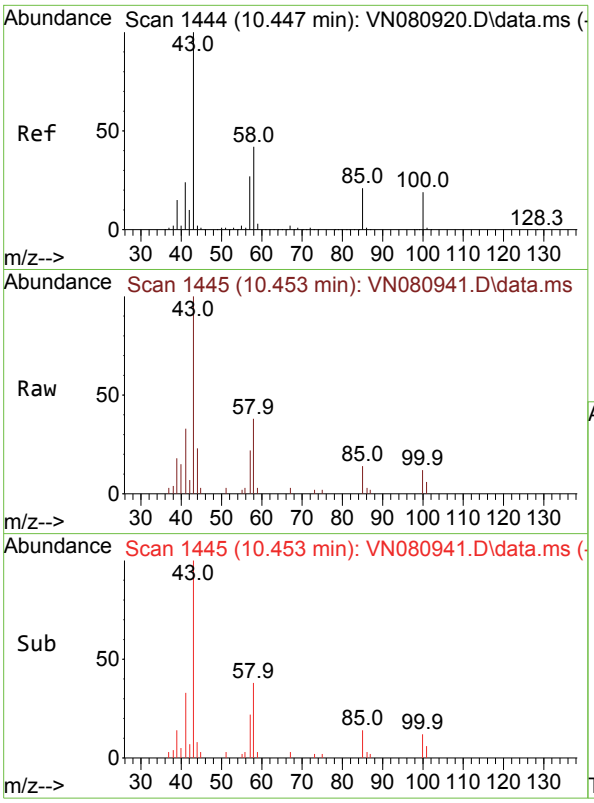


#50
Toluene-d8
Concen: 62.744 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Tgt Ion: 98 Resp: 721175

Ion	Ratio	Lower	Upper
98	100		
100	66.1	51.4	77.0



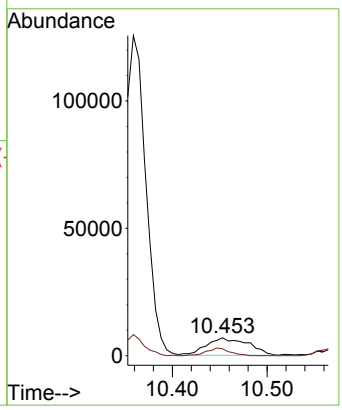


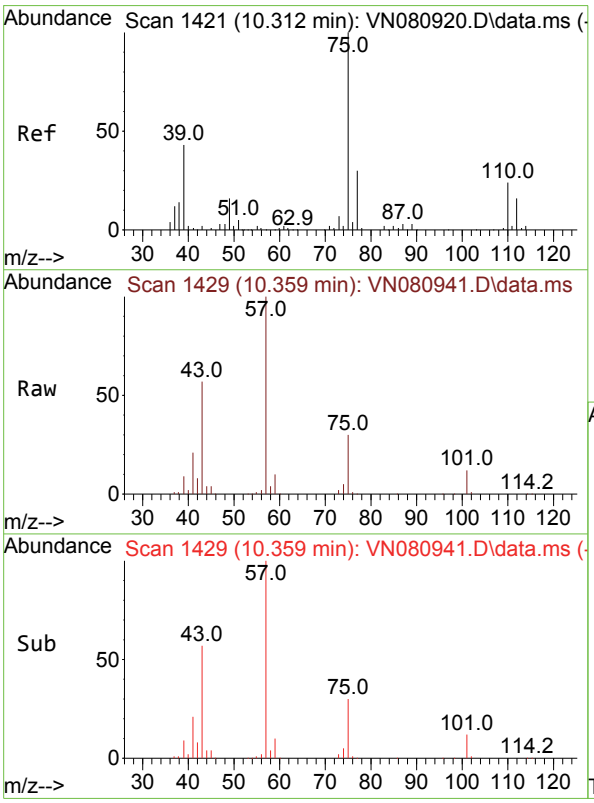
#51
4-Methyl-2-Pentanone
Concen: 5.343 ug/l
RT: 10.453 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#05

Tgt Ion: 43 Resp: 21179

Ion	Ratio	Lower	Upper
43	100		
58	23.8	29.4	44.0#

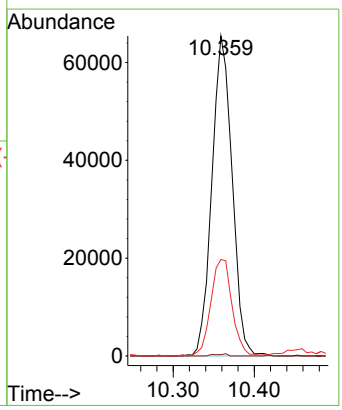


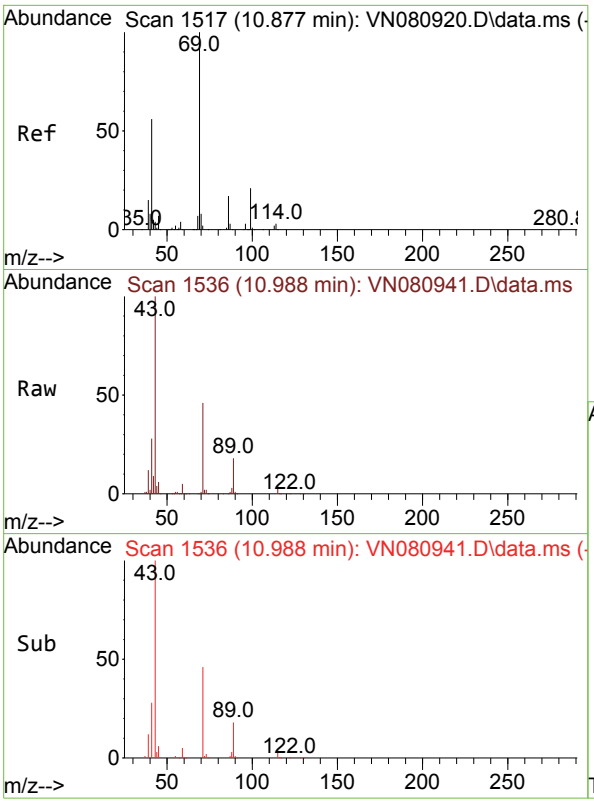


#54
cis-1,3-Dichloropropene
Concen: 18.583 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Tgt Ion: 75 Resp: 113343

Ion	Ratio	Lower	Upper
75	100		
77	0.4	23.3	34.9#
39	30.2	44.6	66.8#



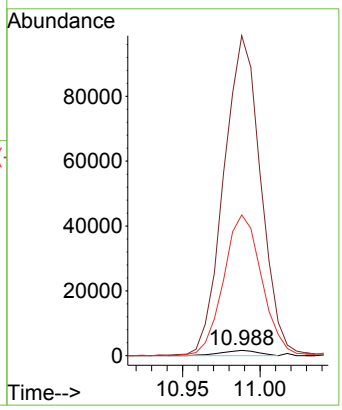


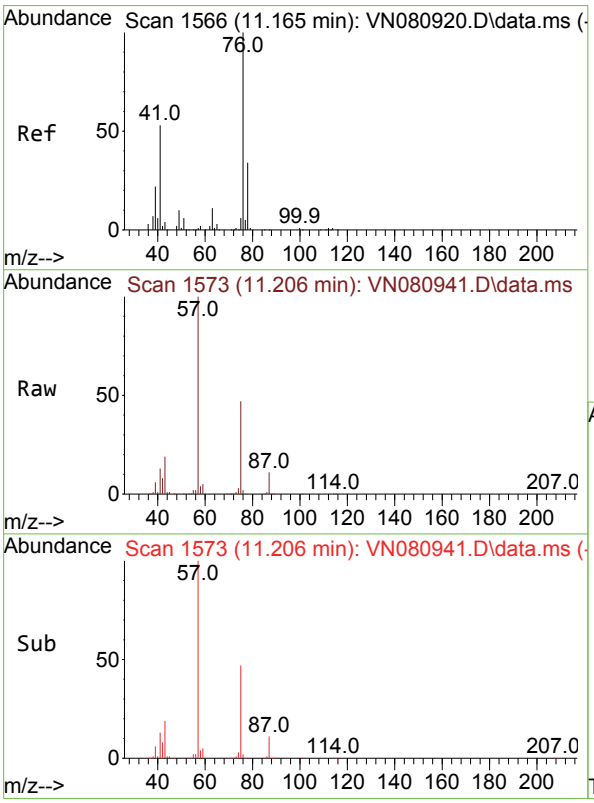
#56
Ethyl methacrylate
Concen: 0.612 ug/l
RT: 10.988 min Scan# 1
Delta R.T. 0.111 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#05

Tgt Ion: 69 Resp: 2729

Ion	Ratio	Lower	Upper
69	100		
41	6020.4	61.0	91.6#
39	2737.4	31.8	47.6#

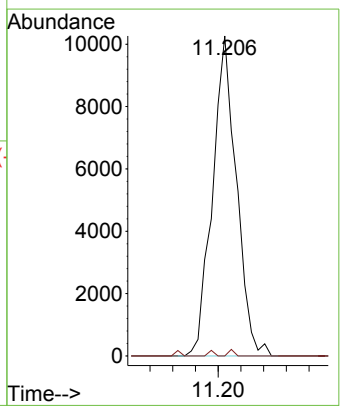


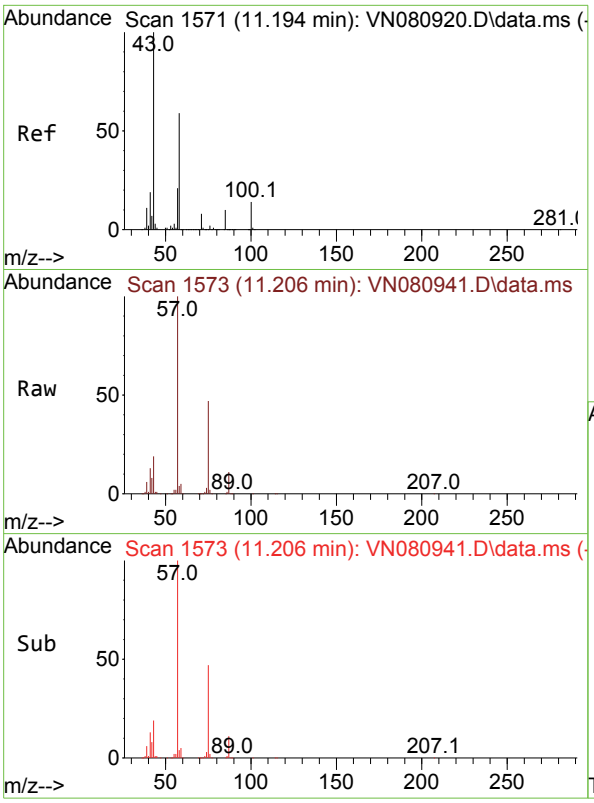


#57
1,3-Dichloropropane
Concen: 2.489 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Tgt Ion: 76 Resp: 15042

Ion	Ratio	Lower	Upper
76	100		
78	0.5	25.5	38.3#



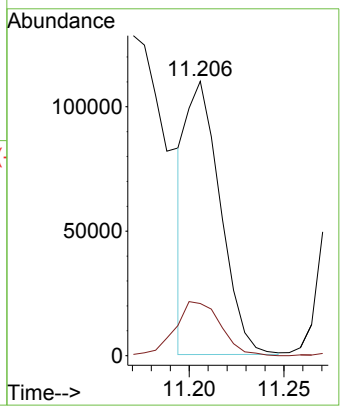


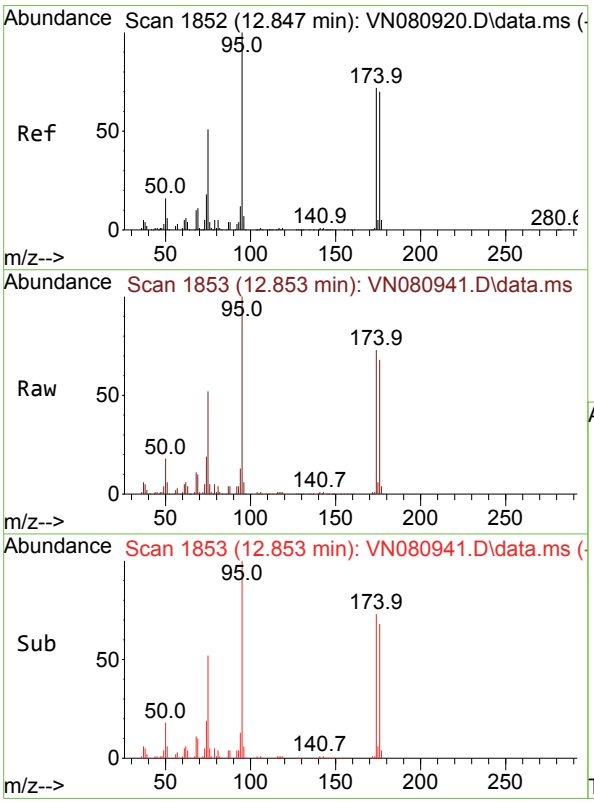
#59
2-Hexanone
Concen: 45.753 ug/l
RT: 11.206 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#05

Tgt Ion: 43 Resp: 137461

Ion	Ratio	Lower	Upper
43	100		
58	26.6	25.9	77.8

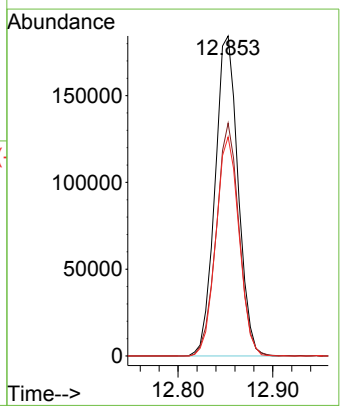


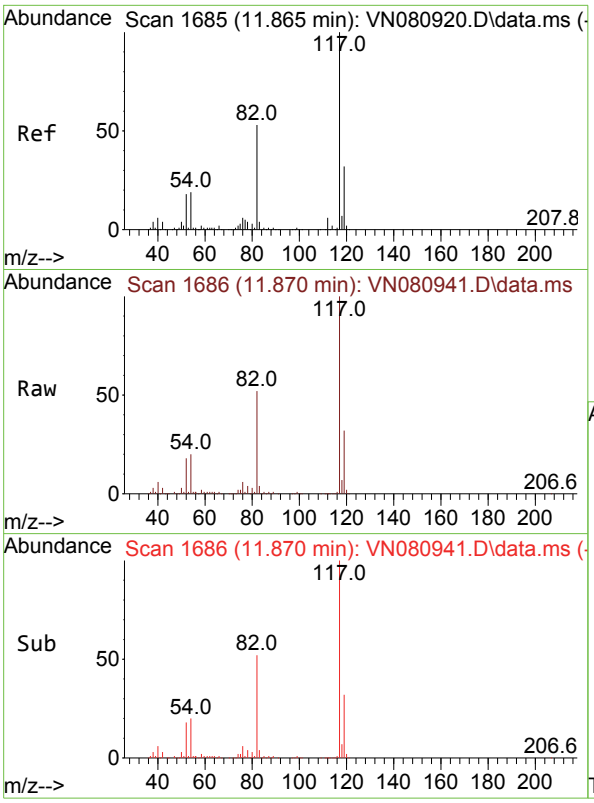


#62
4-Bromofluorobenzene
Concen: 74.557 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Tgt Ion: 95 Resp: 311309

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	120.4
176	68.8	0.0	121.0



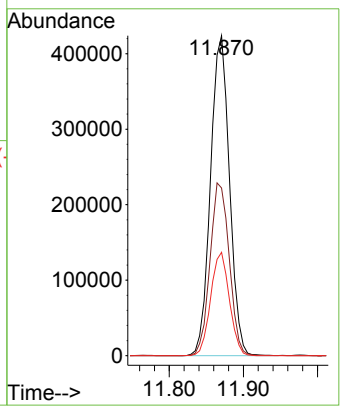


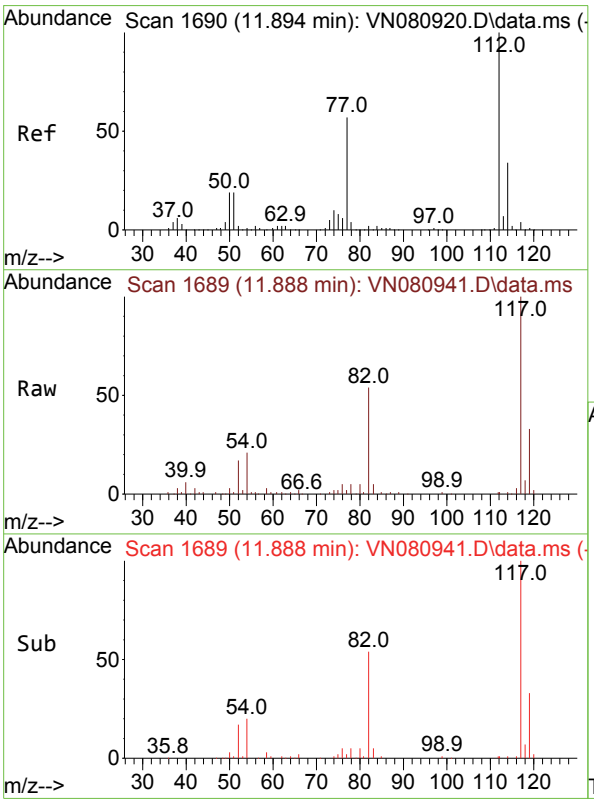
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#05

Tgt Ion:117 Resp: 752703

Ion	Ratio	Lower	Upper
117	100		
82	52.4	52.7	79.1#
119	32.3	25.3	37.9

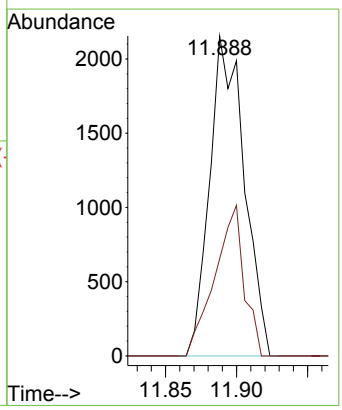


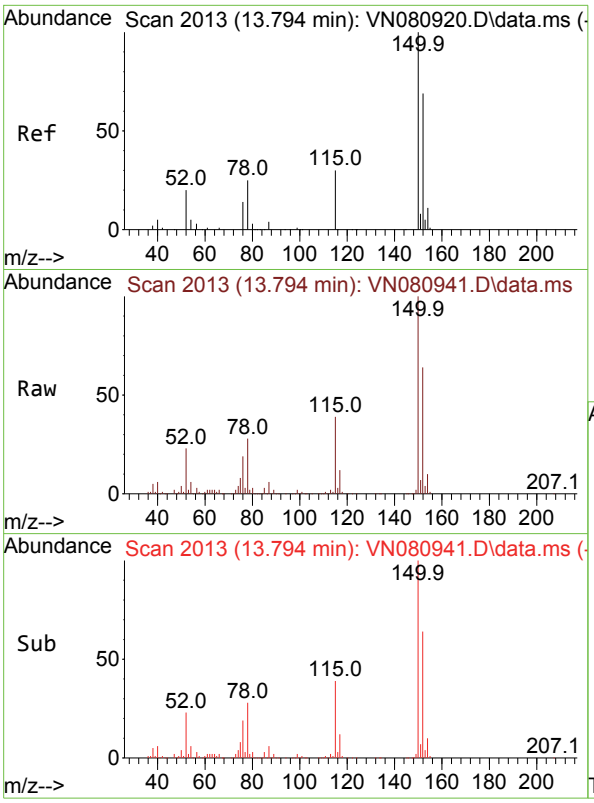


#65
Chlorobenzene
Concen: 0.230 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Tgt Ion:112 Resp: 3636

Ion	Ratio	Lower	Upper
112	100		
114	30.3	23.7	35.5



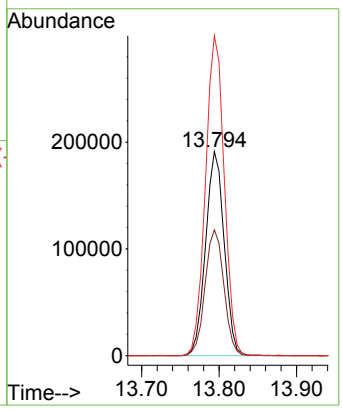


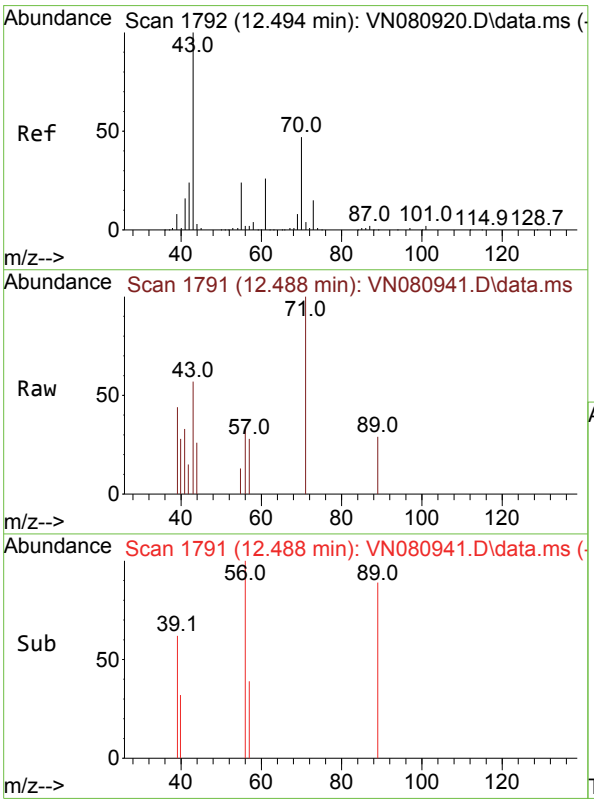
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#05

Tgt Ion:152 Resp: 318753

Ion	Ratio	Lower	Upper
152	100		
115	62.4	32.3	96.8
150	158.7	0.0	339.8

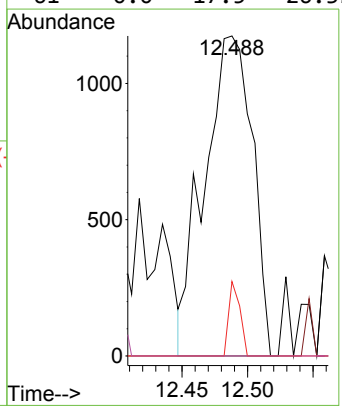


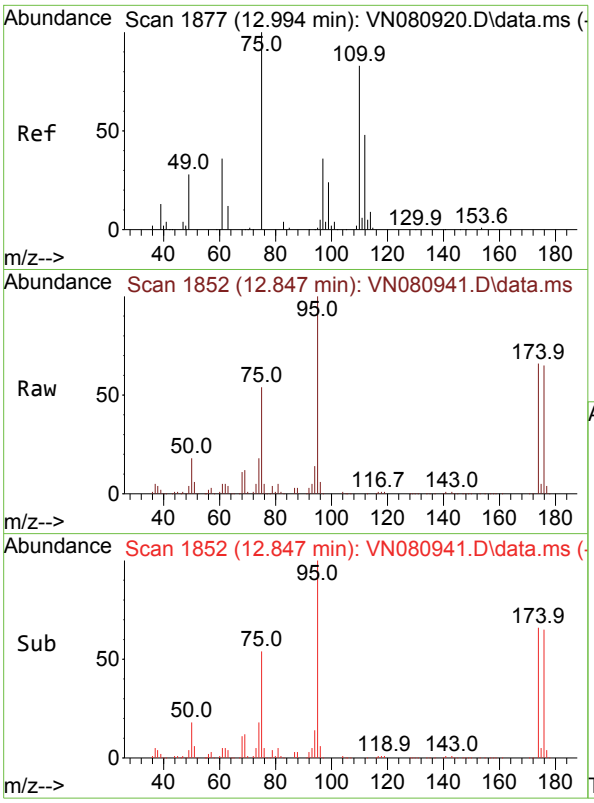


#74
N-amyl acetate
Concen: 0.334 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Tgt Ion: 43 Resp: 2983

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.1	45.1#
55	5.4	17.0	25.4#
61	0.0	17.5	26.3#



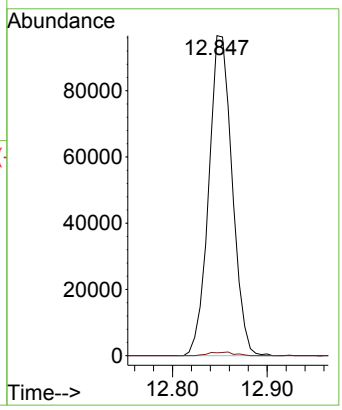


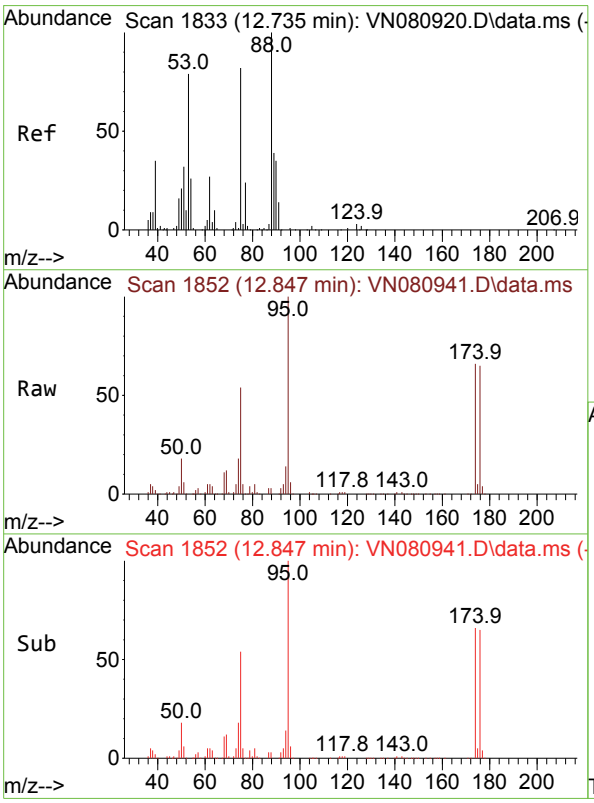
#76
1,2,3-Trichloropropane
Concen: 25.542 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#05

Tgt Ion: 75 Resp: 166003

Ion	Ratio	Lower	Upper
75	100		
77	1.2	91.0	272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.395 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080941.D
Acq: 07 Feb 2024 17:15

Tgt Ion: 75 Resp: 166003

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