Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
Data File : VN080952.D
Acq On : 08 Feb 2024 10:25
Operator : JC\MD
Sample : VN0208WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 09 01:16:54 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	8.224	168	410300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	744086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	634273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	247209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	258205	49.886	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.780%			
35) Dibromofluoromethane	8.165	113	211891	53.069	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.140%			
50) Toluene-d8	10.571	98	727939	50.404	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.800%			
62) 4-Bromofluorobenzene	12.847	95	240597	45.859	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.720%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	2790	Below Cal		95
6) Chloroethane	3.118	64	2626	0.613	ug/l #	56
10) Methyl Iodide	4.606	142	1073	0.248	ug/l #	82
13) Acrolein	4.183	56	831	0.925	ug/l	94
15) Acrylonitrile	5.730	53	823	0.422	ug/l #	18
16) Acetone	4.436	43	1213	0.712	ug/l #	44
17) Carbon Disulfide	4.718	76	4680	0.422	ug/l #	89
18) Methyl Acetate	5.024	43	1283	Below Cal	#	65
20) Methylene Chloride	5.283	84	1247	0.242	ug/l #	49
25) 2-Butanone	7.471	43	928	0.340	ug/l #	51
29) Tetrahydrofuran	7.841	42	474	0.284	ug/l #	80
31) Cyclohexane	8.230	56	11297	1.597	ug/l #	15
36) 1,1-Dichloropropene	8.224	75	36069	6.072	ug/l #	50
38) Carbon Tetrachloride	8.230	117	44670	7.336	ug/l #	18
39) Methylcyclohexane	9.606	83	1360	0.205	ug/l #	46
43) Isopropyl Acetate	8.747	43	2502	0.303	ug/l #	57
49) 1,4-Dioxane	9.694	88	222	2.582	ug/l #	18
58) 2-Chloroethyl Vinyl ether	10.159	63	722	0.212	ug/l #	83
59) 2-Hexanone	11.188	43	1269	0.336	ug/l #	55
76) 1,2,3-Trichloropropane	12.853	75	130117	25.815	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	130117	70.135	ug/l #	14
83) tert-Butylbenzene	13.435	119	3890	0.292	ug/l	84
85) sec-Butylbenzene	13.618	105	6839	0.382	ug/l	90
86) p-Isopropyltoluene	13.735	119	5541	0.366	ug/l	92
87) 1,3-Dichlorobenzene	13.747	146	2221	0.257	ug/l	98
88) 1,4-Dichlorobenzene	13.747	146	2221	0.253	ug/l	98
89) n-Butylbenzene	14.053	91	8527	0.638	ug/l	94
90) Hexachloroethane	14.329	117	836	0.350	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	3389	0.828	ug/l	98
94) Hexachlorobutadiene	15.500	225	2287	1.288	ug/l	76
95) Naphthalene	15.647	128	9201	0.681	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	3517	0.873	ug/l	81

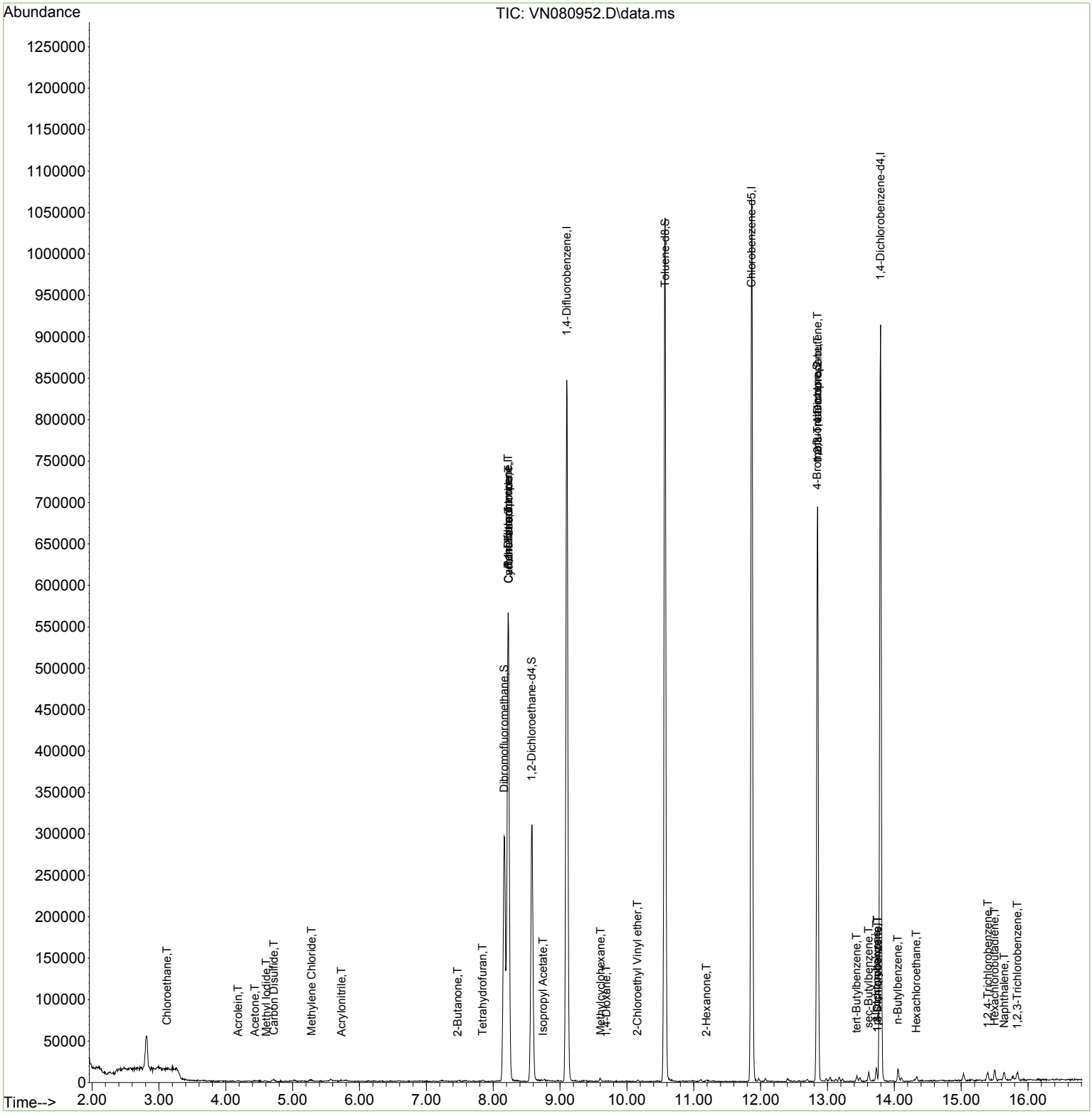
(#) = qualifier out of range (m) = manual integration (+) = signals summed

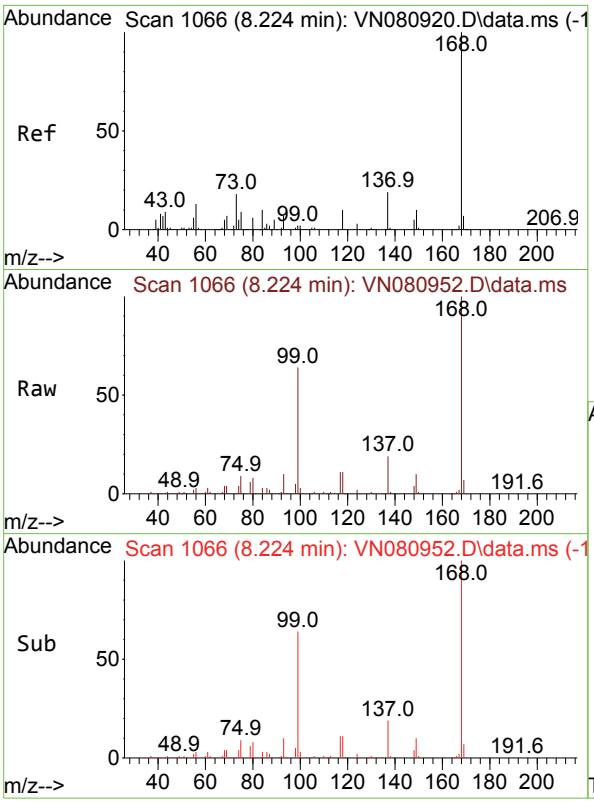
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
Data File : VN080952.D
Acq On : 08 Feb 2024 10:25
Operator : JC\MD
Sample : VN0208WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 09 01:16:54 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



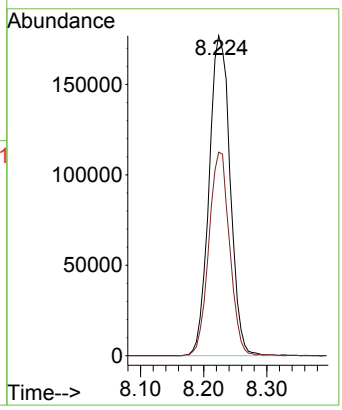


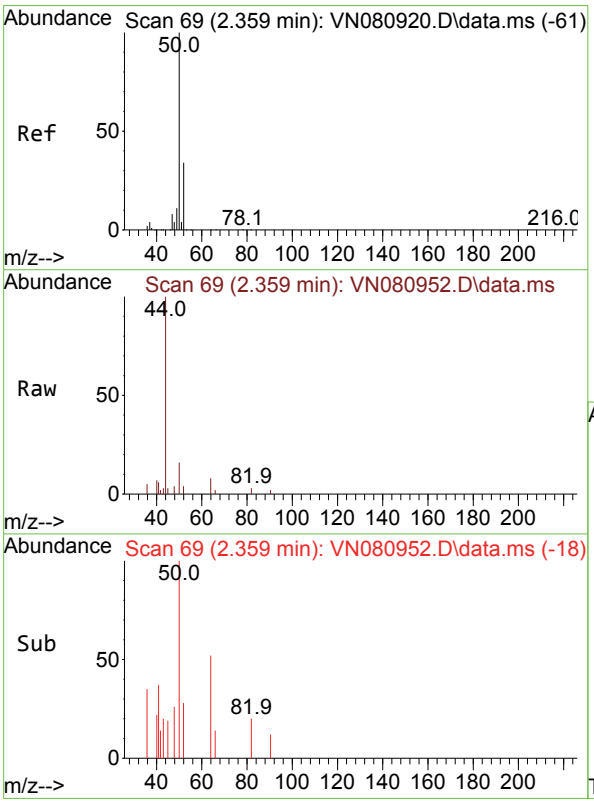
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 410300

Ion	Ratio	Lower	Upper
168	100		
99	63.6	59.9	89.9

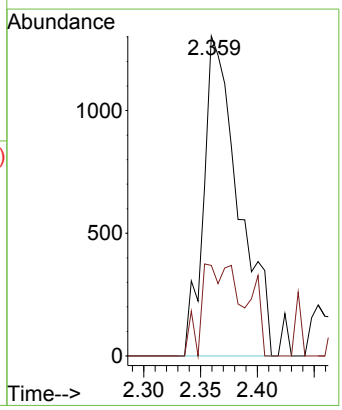


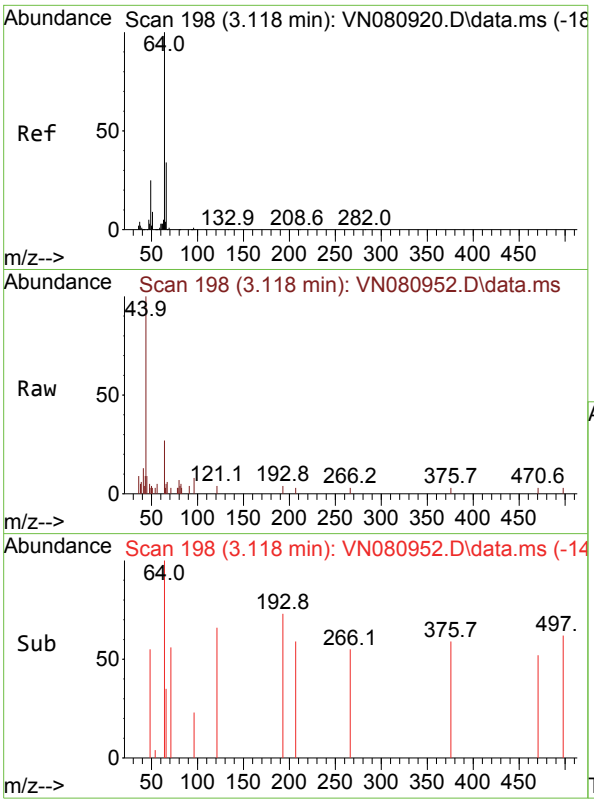


#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion: 50 Resp: 2790

Ion	Ratio	Lower	Upper
50	100		
52	28.3	25.0	37.4



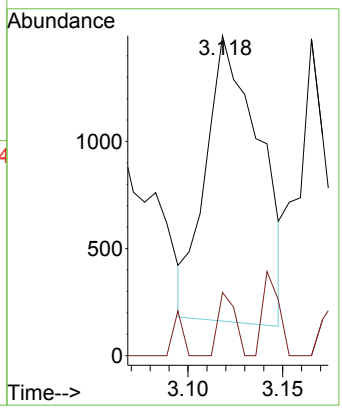


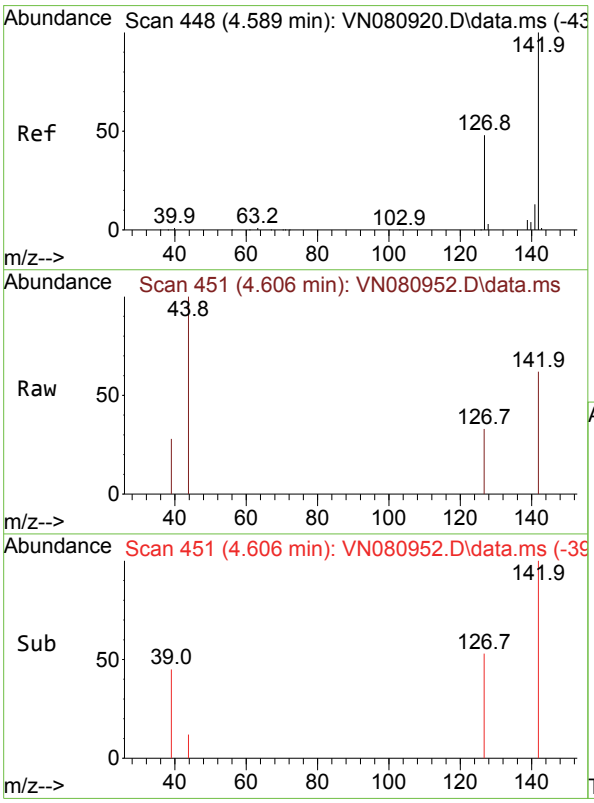
#6
Chloroethane
Concen: 0.613 ug/l
RT: 3.118 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 64 Resp: 2626

Ion	Ratio	Lower	Upper
64	100		
66	8.0	26.4	39.6#

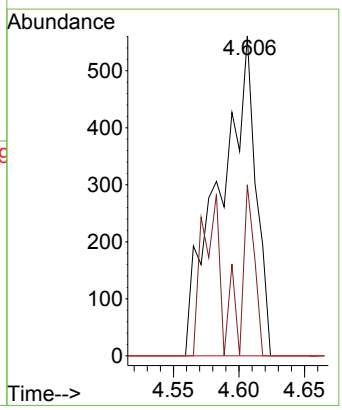


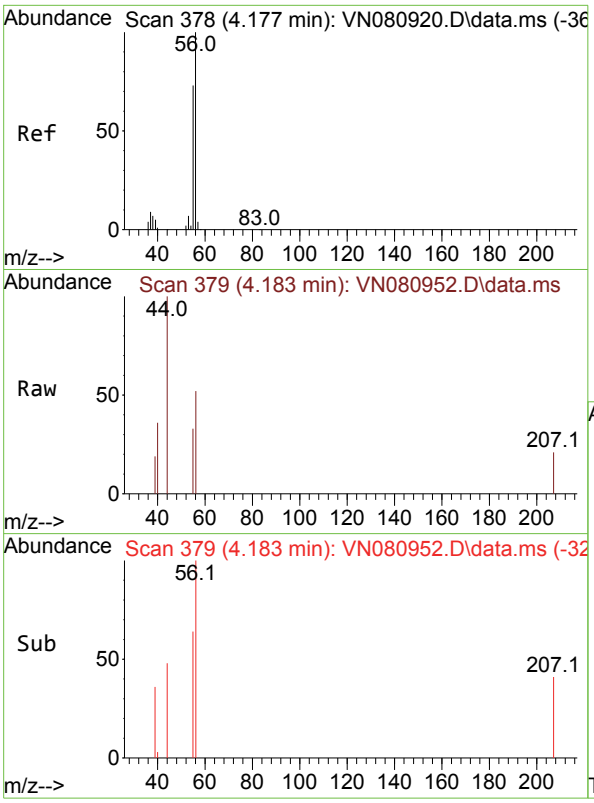


#10
Methyl Iodide
Concen: 0.248 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.018 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion:142 Resp: 1073

Ion	Ratio	Lower	Upper
142	100		
127	53.5	37.0	55.4
141	0.0	12.5	18.7#



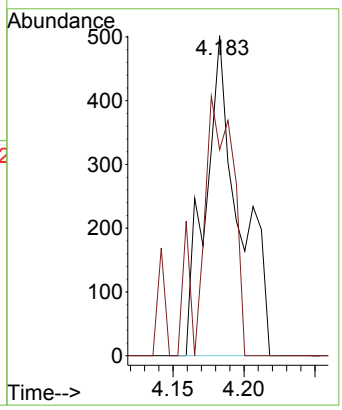


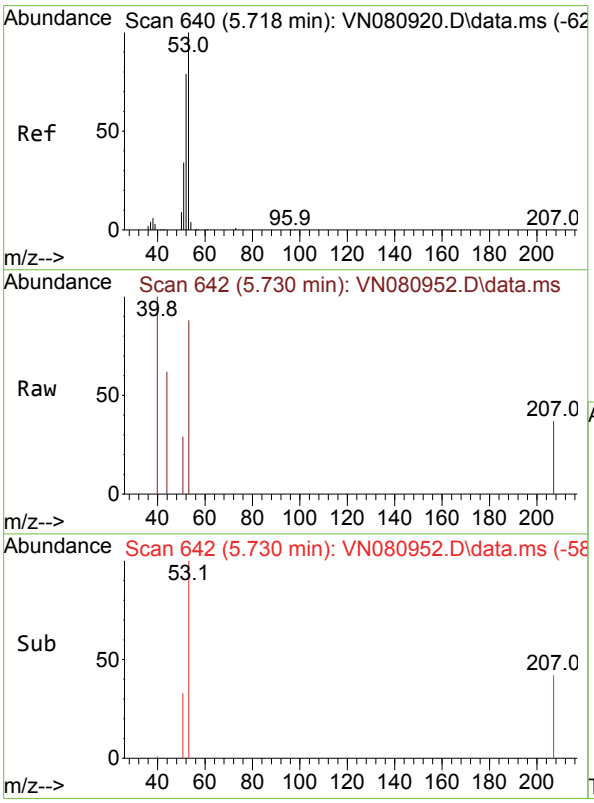
#13
Acrolein
Concen: 0.925 ug/l
RT: 4.183 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 831

Ion	Ratio	Lower	Upper
56	100		
55	74.4	55.3	82.9

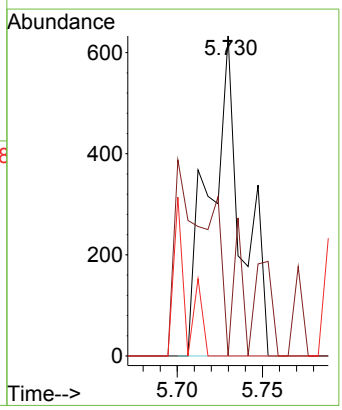


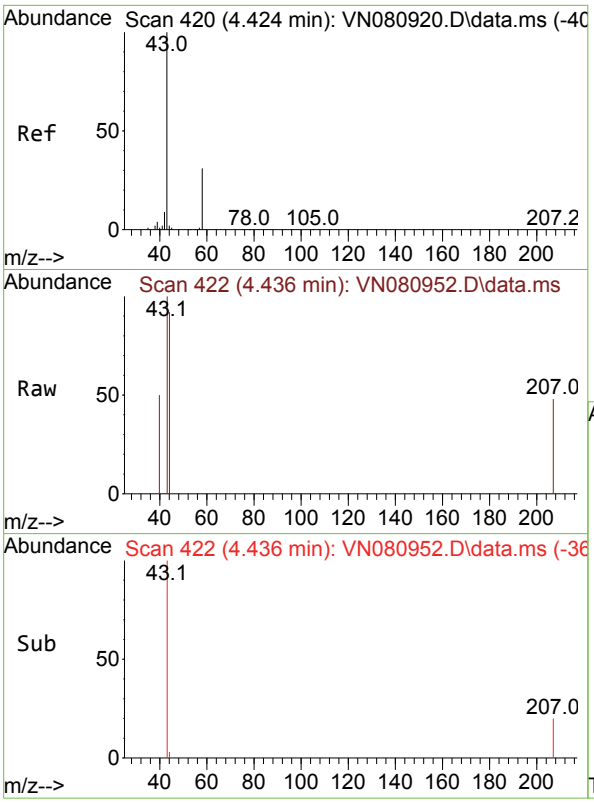


#15
Acrylonitrile
Concen: 0.422 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.012 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion: 53 Resp: 823

Ion	Ratio	Lower	Upper
53	100		
52	0.0	64.8	97.2#
51	0.0	26.9	40.3#



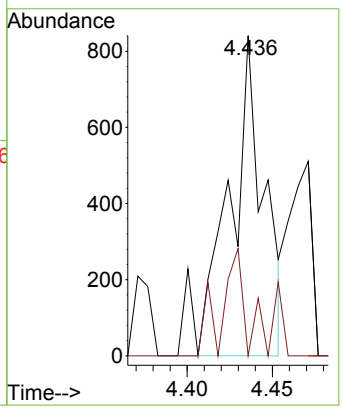


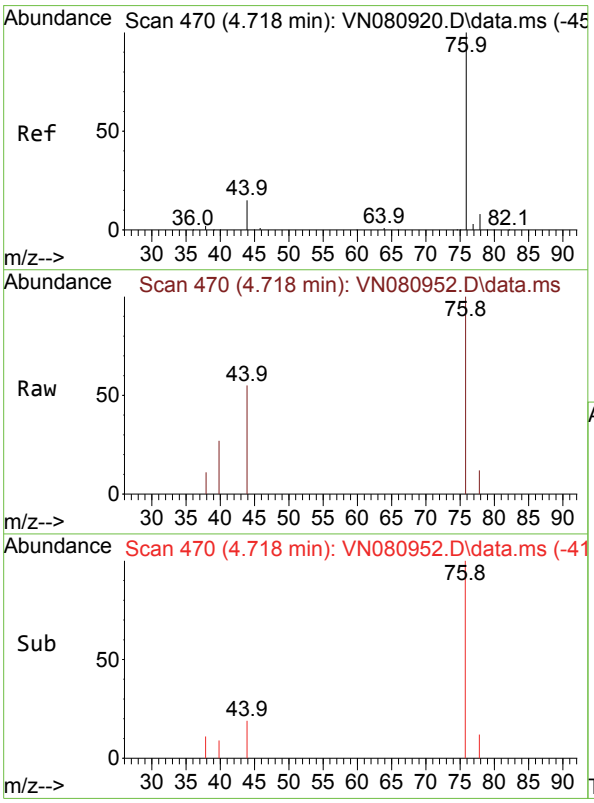
#16
Acetone
Concen: 0.712 ug/l
RT: 4.436 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1213

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.8	37.2#

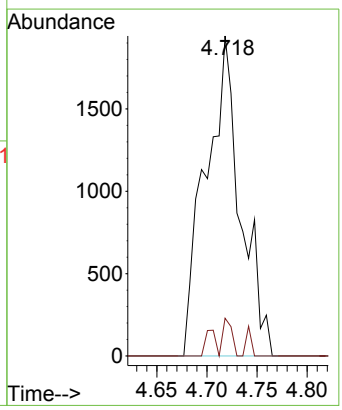


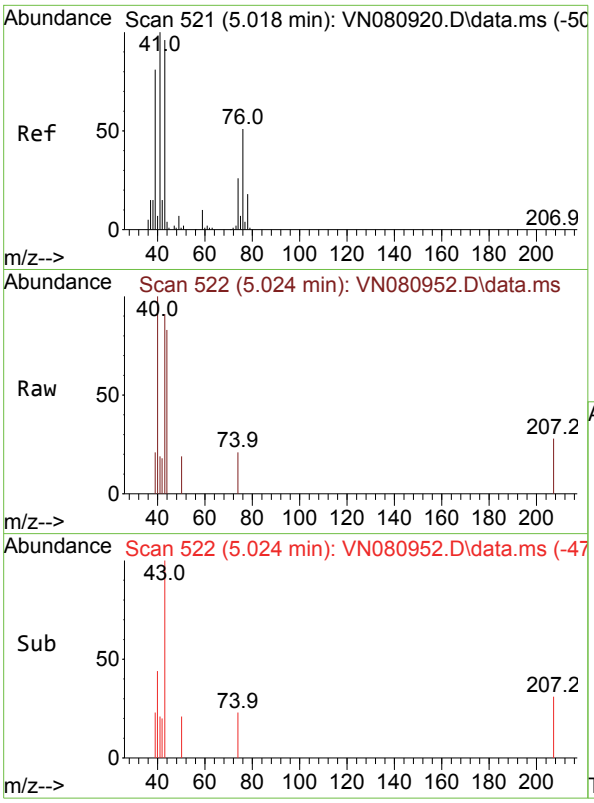


#17
Carbon Disulfide
Concen: 0.422 ug/l
RT: 4.718 min Scan# 470
Delta R.T. -0.000 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion: 76 Resp: 4680

Ion	Ratio	Lower	Upper
76	100		
78	11.8	6.3	9.5#



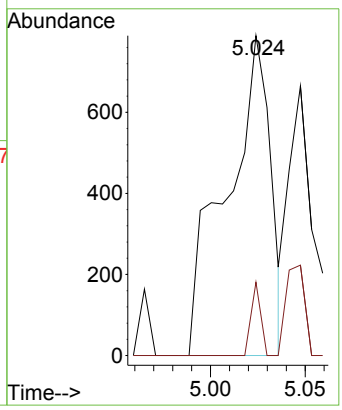


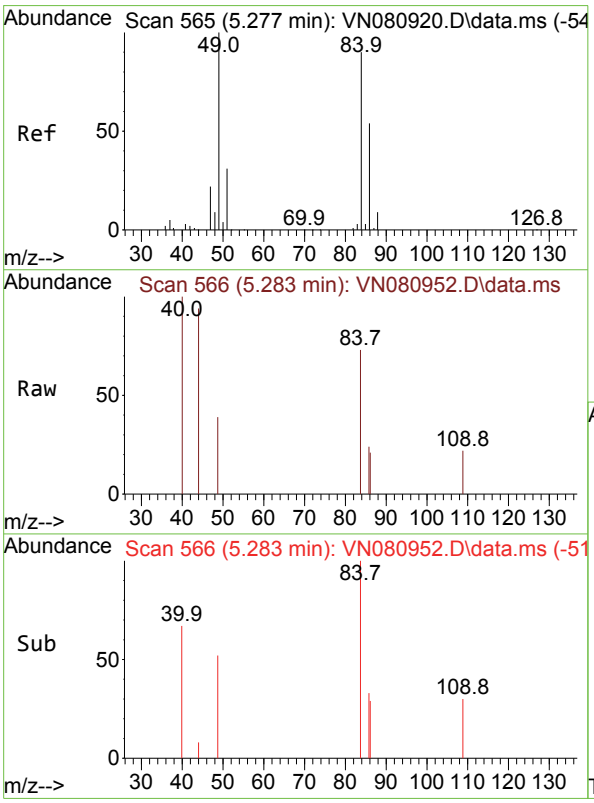
#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1283

Ion	Ratio	Lower	Upper
43	100		
74	5.0	17.3	25.9#

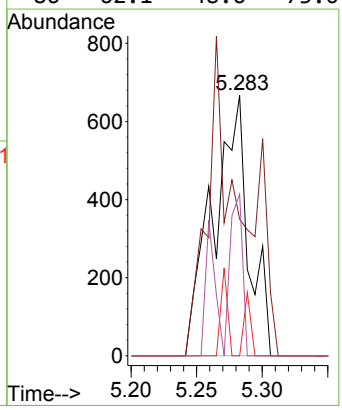


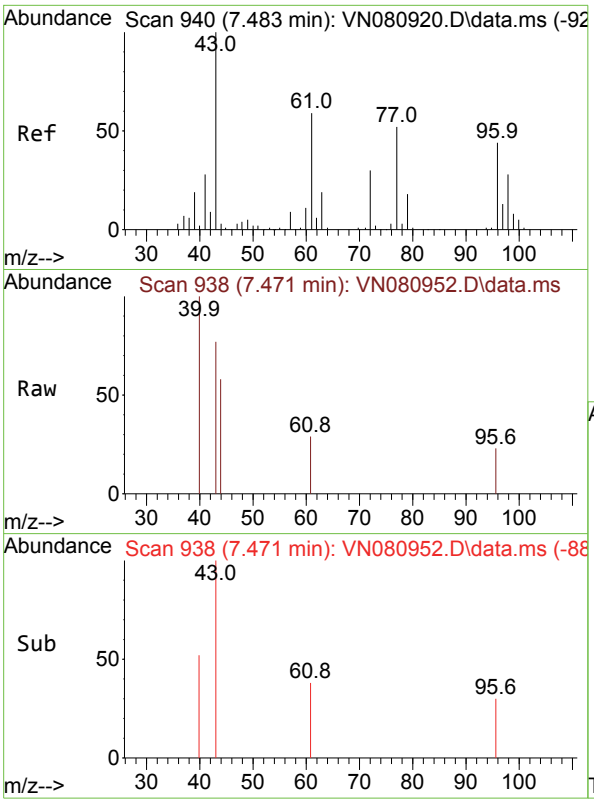


#20
Methylene Chloride
Concen: 0.242 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion: 84 Resp: 1247

Ion	Ratio	Lower	Upper
84	100		
49	52.5	108.1	162.1#
51	0.0	32.9	49.3#
86	62.1	48.6	73.0



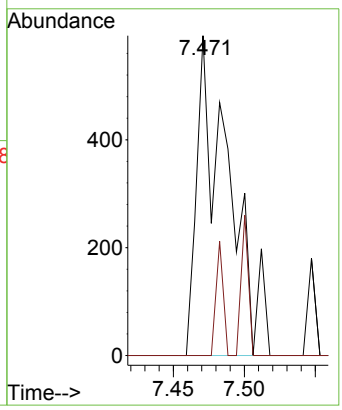


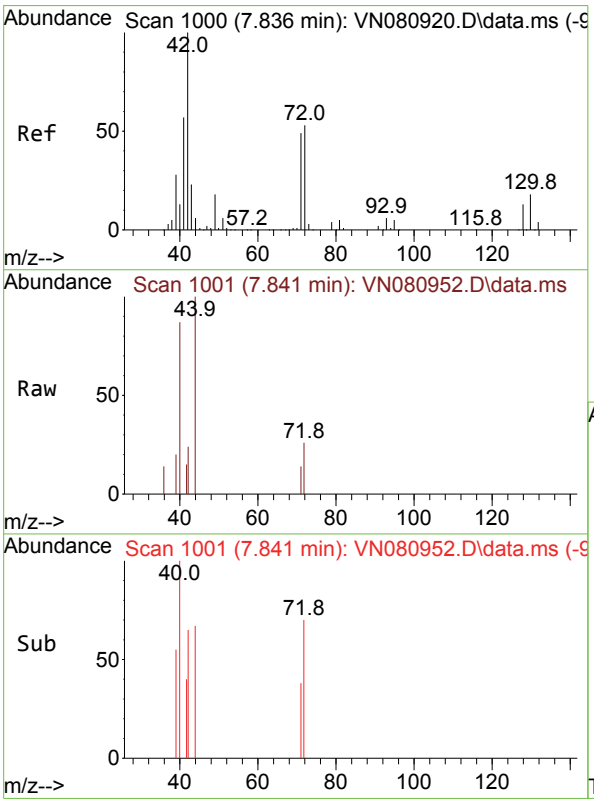
#25
2-Butanone
Concen: 0.340 ug/l
RT: 7.471 min Scan# 9
Delta R.T. -0.012 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 928

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.5	29.3#

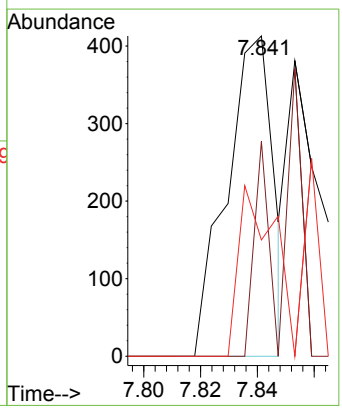


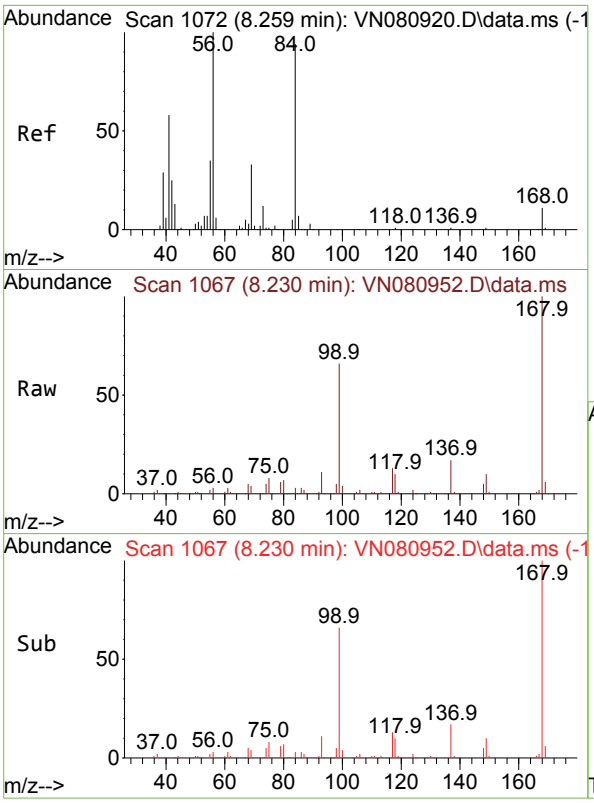


#29
Tetrahydrofuran
Concen: 0.284 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion: 42 Resp: 474

Ion	Ratio	Lower	Upper
42	100		
72	20.7	31.1	46.7#
71	40.9	28.3	42.5



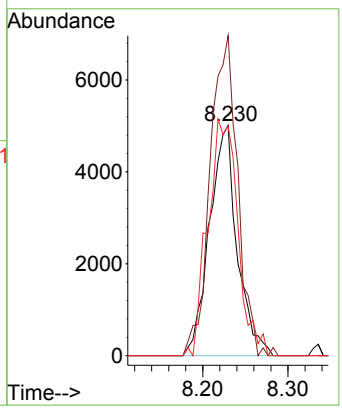


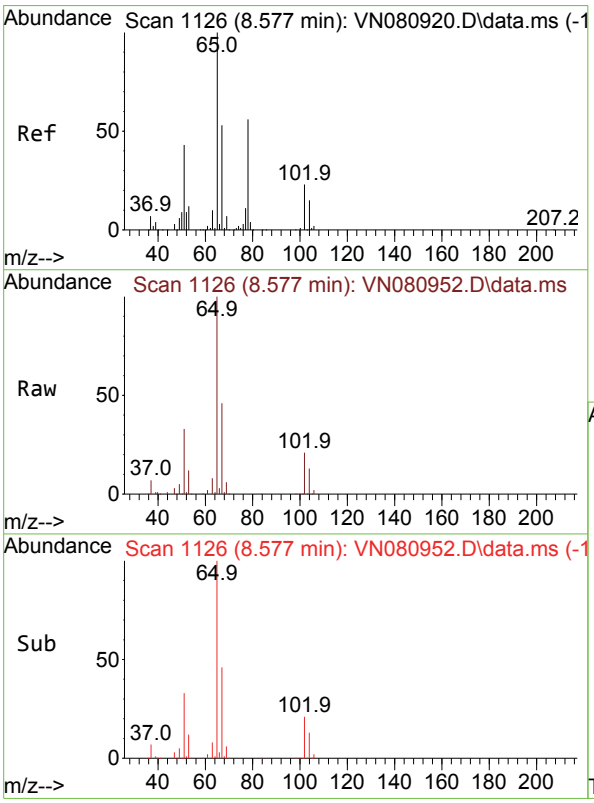
#31
Cyclohexane
Concen: 1.597 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 11297

Ion	Ratio	Lower	Upper
56	100		
69	139.0	20.1	30.1#
84	99.9	56.9	85.3#

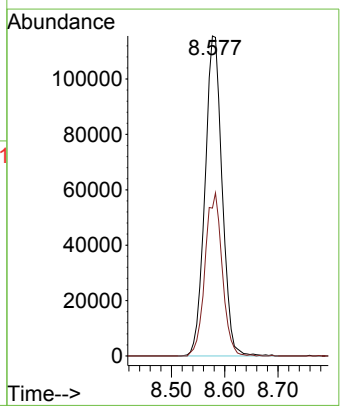


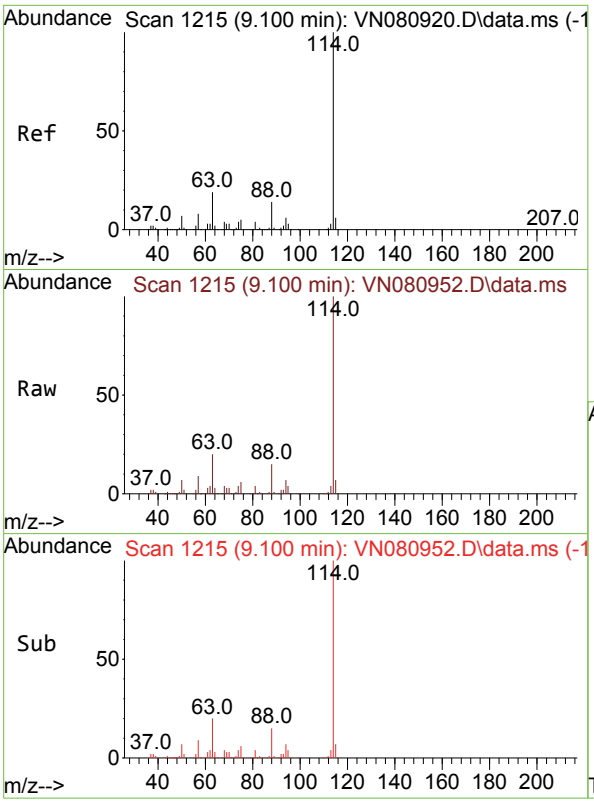


#33
1,2-Dichloroethane-d4
Concen: 49.886 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion: 65 Resp: 258205

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.4



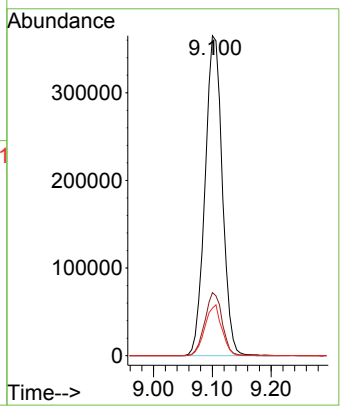


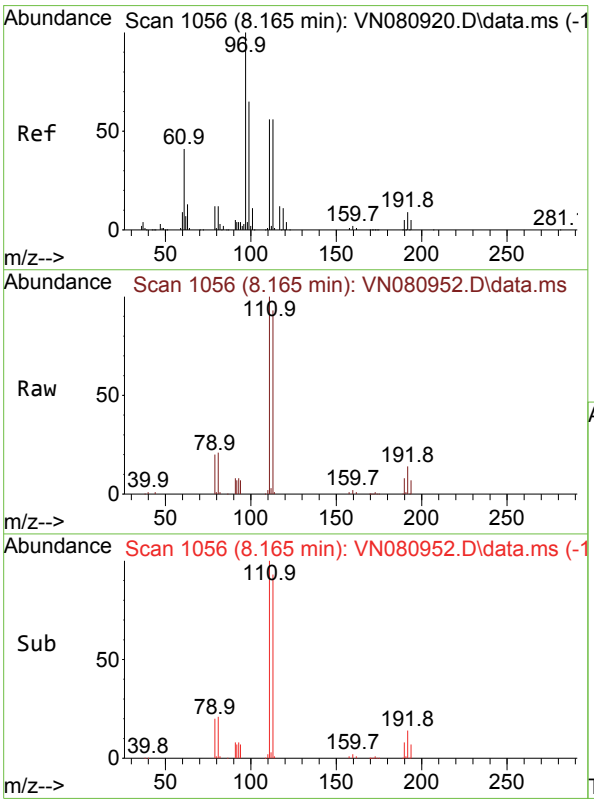
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 744086

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	48.0
88	14.8	0.0	34.8

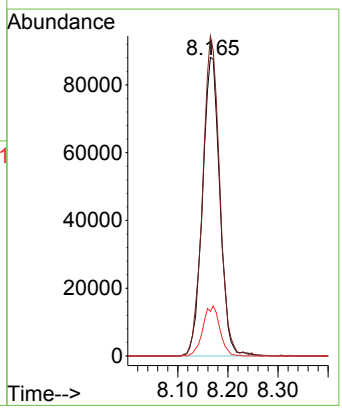


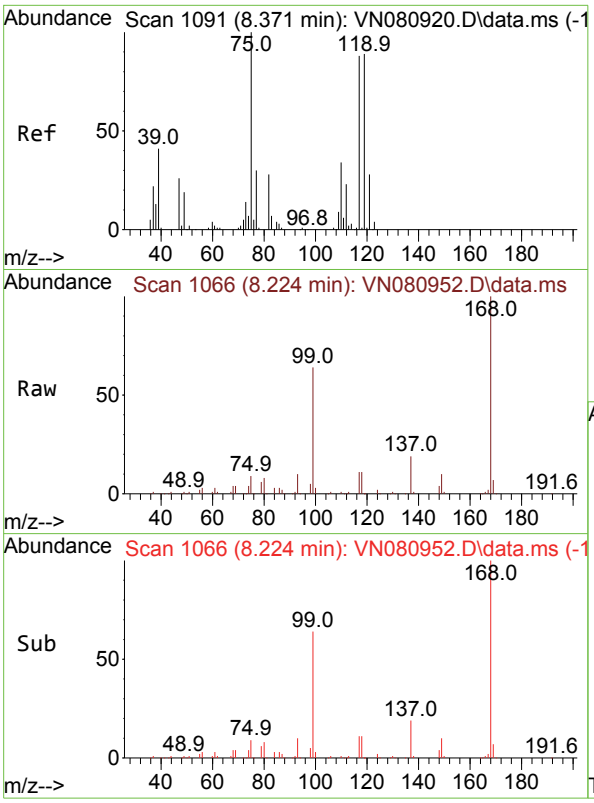


#35
Dibromofluoromethane
Concen: 53.069 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion:113 Resp: 211891

Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.2	123.4
192	16.4	12.5	18.7



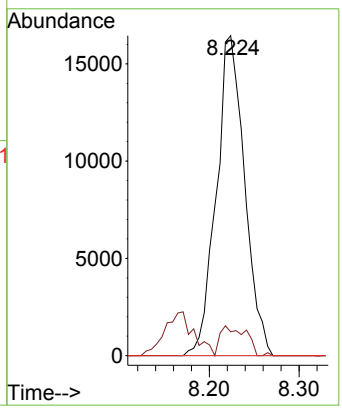


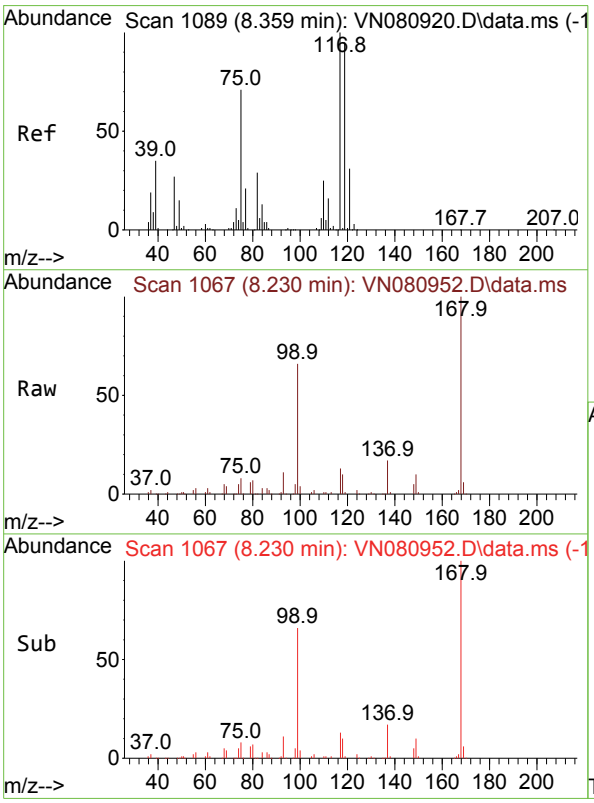
#36
1,1-Dichloropropene
Concen: 6.072 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 36069

Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.0	48.0#
77	0.0	25.8	38.6#

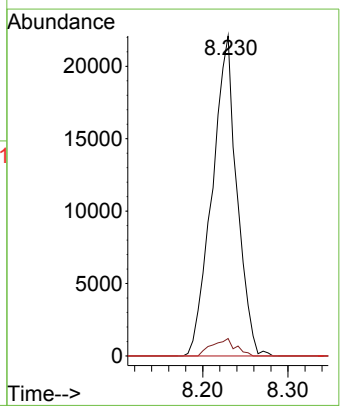


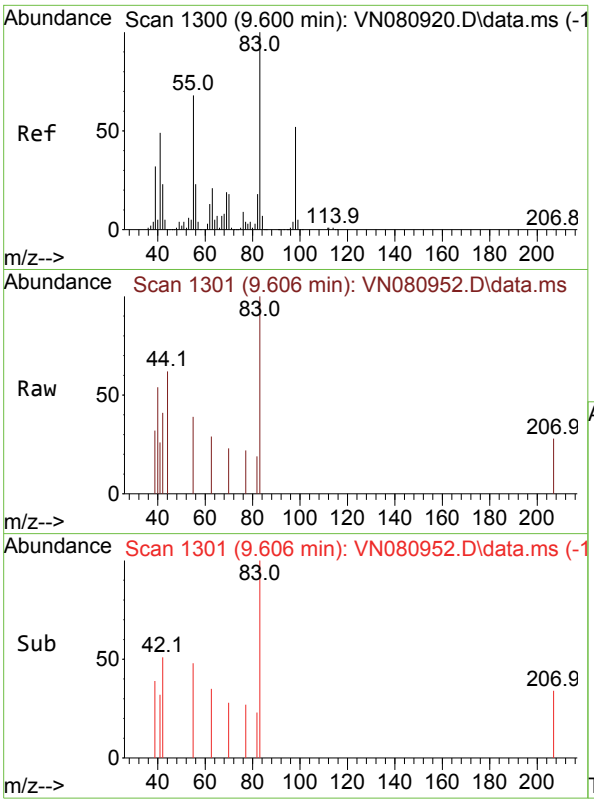


#38
Carbon Tetrachloride
Concen: 7.336 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion:117 Resp: 44670

Ion	Ratio	Lower	Upper
117	100		
119	5.4	73.4	110.2#
121	0.0	24.4	36.6#



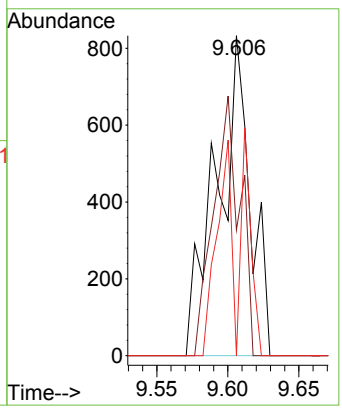


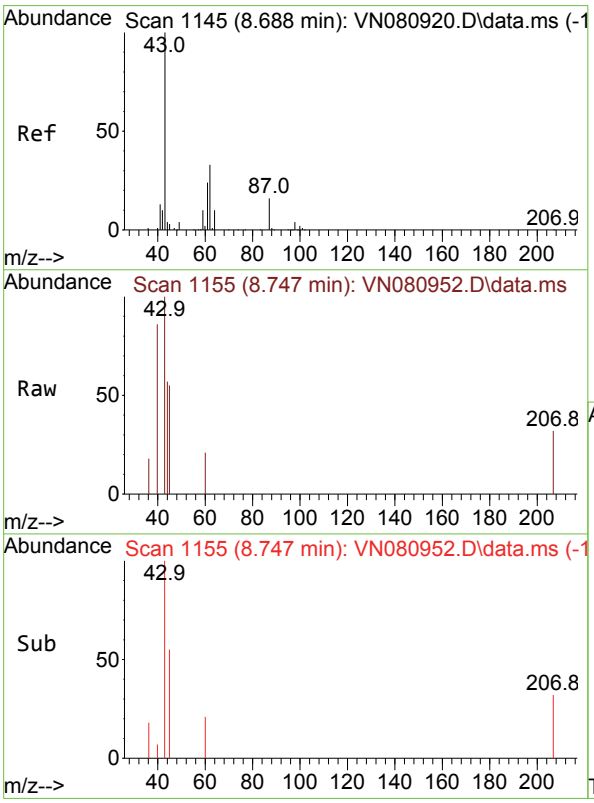
#39
Methylcyclohexane
Concen: 0.205 ug/l
RT: 9.606 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 1360

Ion	Ratio	Lower	Upper
83	100		
55	39.3	65.7	98.5#
98	0.0	33.8	50.6#

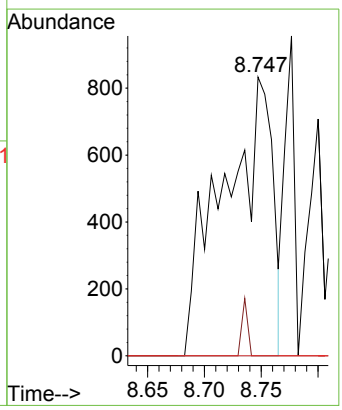


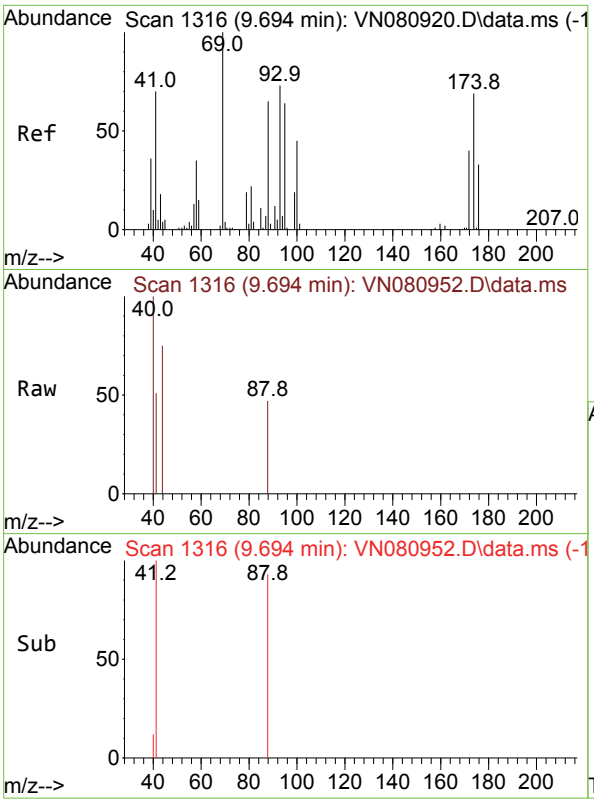


#43
Isopropyl Acetate
Concen: 0.303 ug/l
RT: 8.747 min Scan# 1155
Delta R.T. 0.059 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion: 43 Resp: 2502

Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.9	29.9#
87	0.0	9.0	13.6#



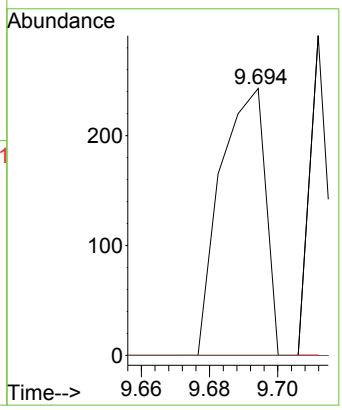


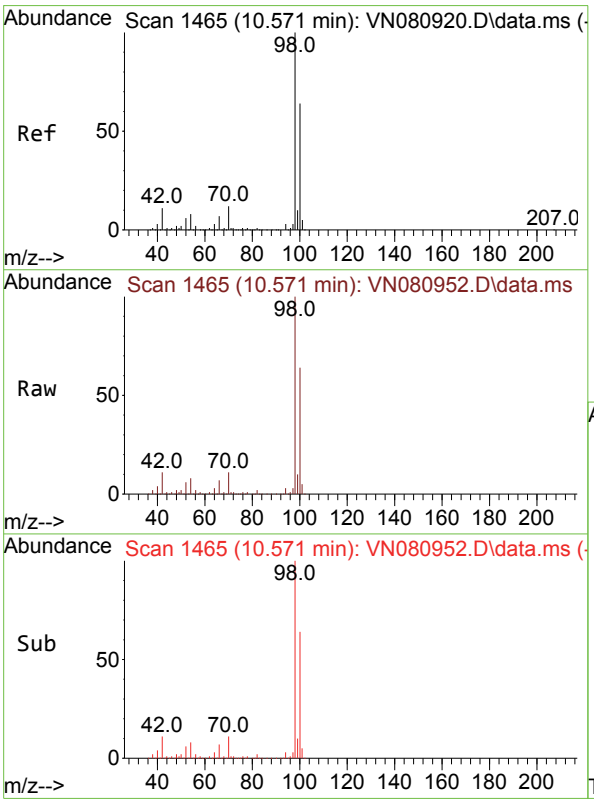
#49
1,4-Dioxane
Concen: 2.582 ug/l
RT: 9.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 222

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

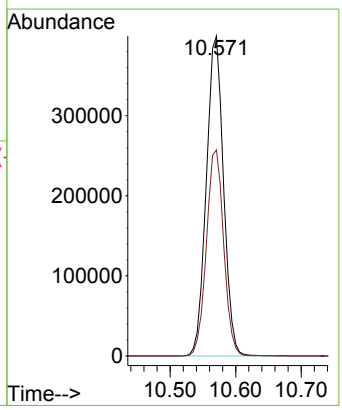


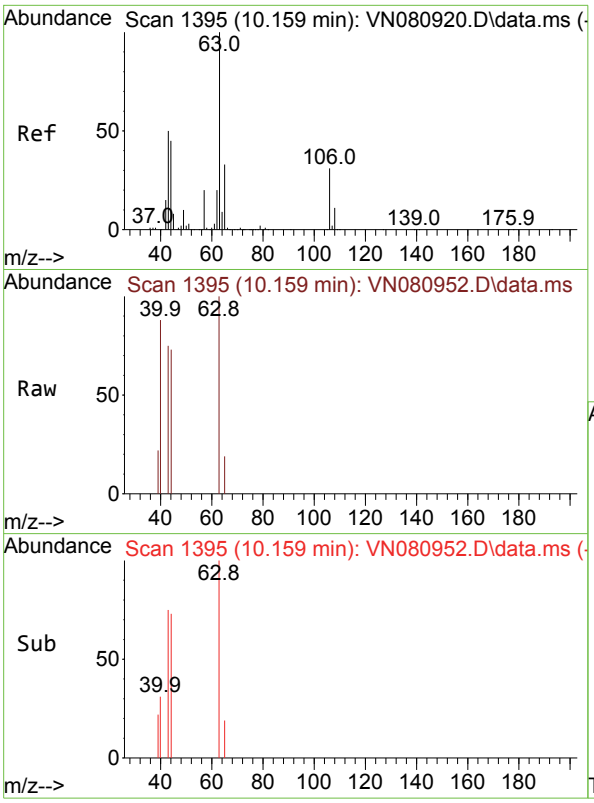


#50
Toluene-d8
Concen: 50.404 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion: 98 Resp: 727939

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.0



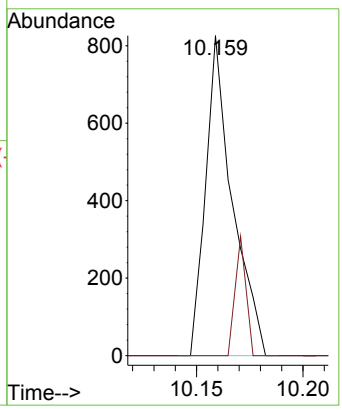


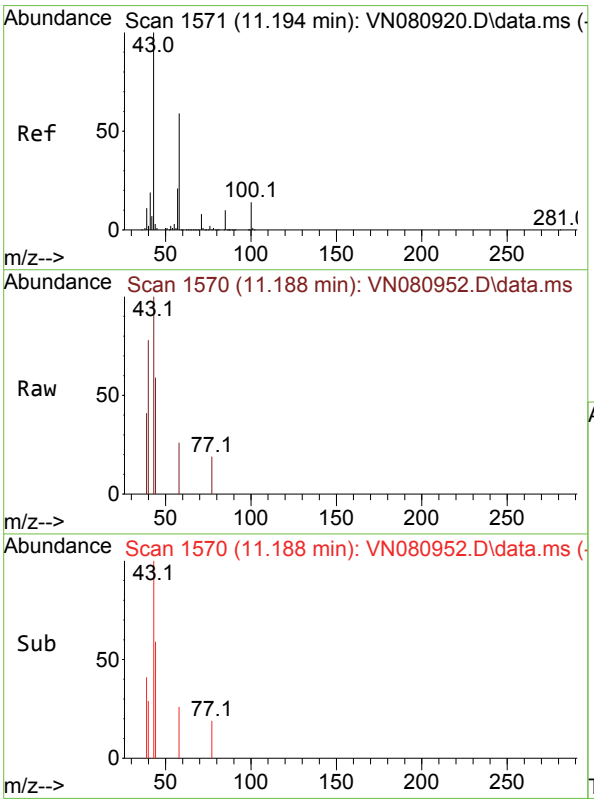
#58
2-Chloroethyl Vinyl ether
Concen: 0.212 ug/l
RT: 10.159 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 722

Ion	Ratio	Lower	Upper
63	100		
106	15.1	18.6	28.0#

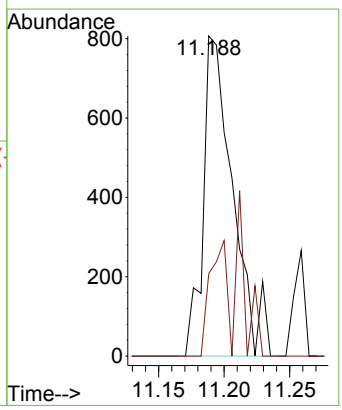


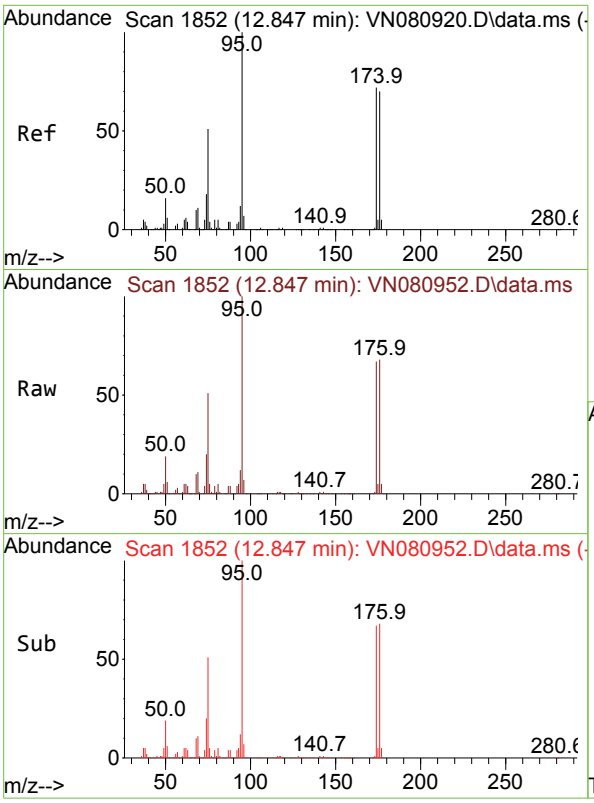


#59
2-Hexanone
Concen: 0.336 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion: 43 Resp: 1269

Ion	Ratio	Lower	Upper
43	100		
58	20.5	25.9	77.8#



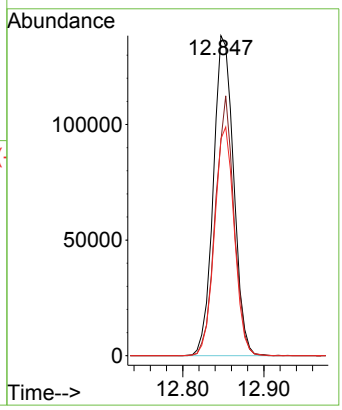


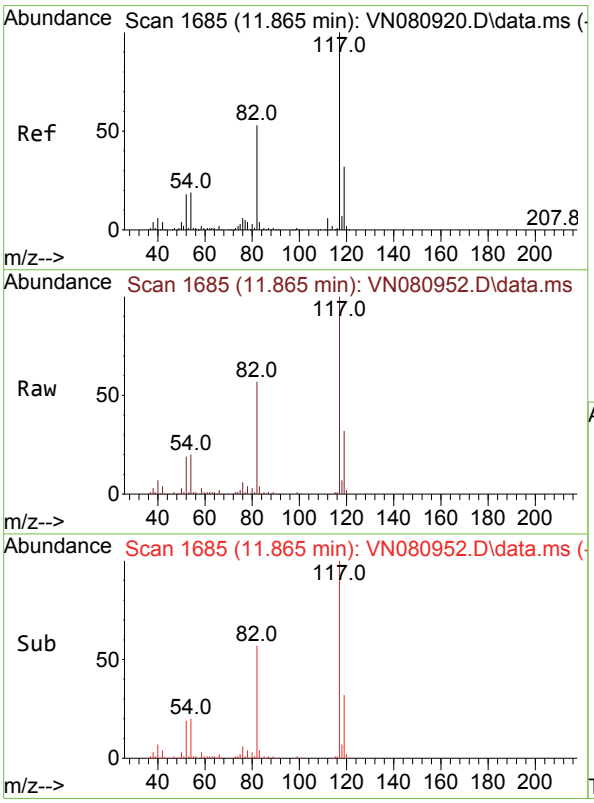
#62
4-Bromofluorobenzene
Concen: 45.859 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 240597

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	120.4
176	69.7	0.0	121.0

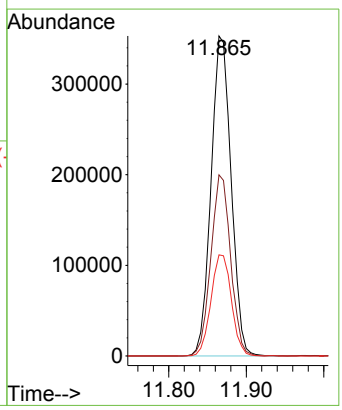


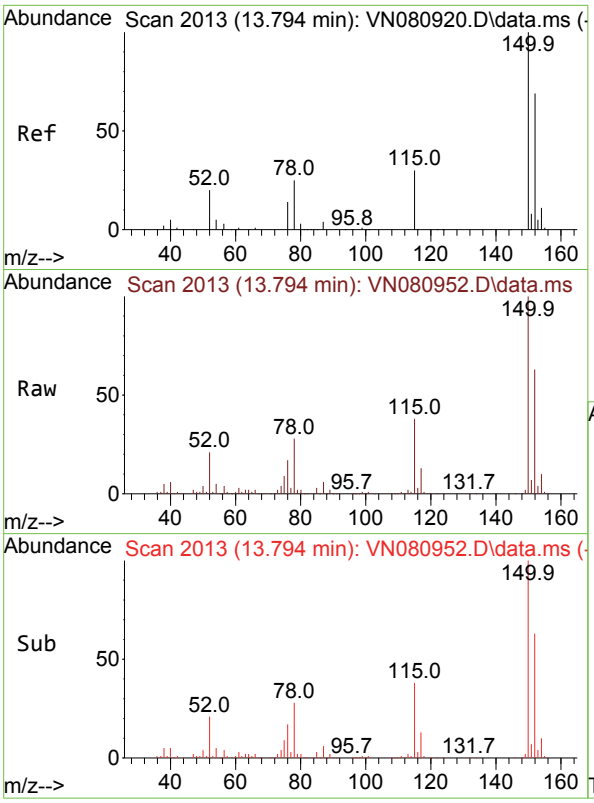


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion:117 Resp: 634273

Ion	Ratio	Lower	Upper
117	100		
82	56.6	52.7	79.1
119	31.6	25.3	37.9



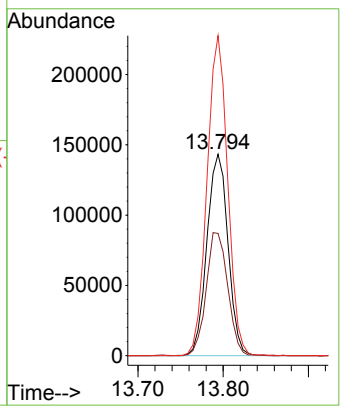


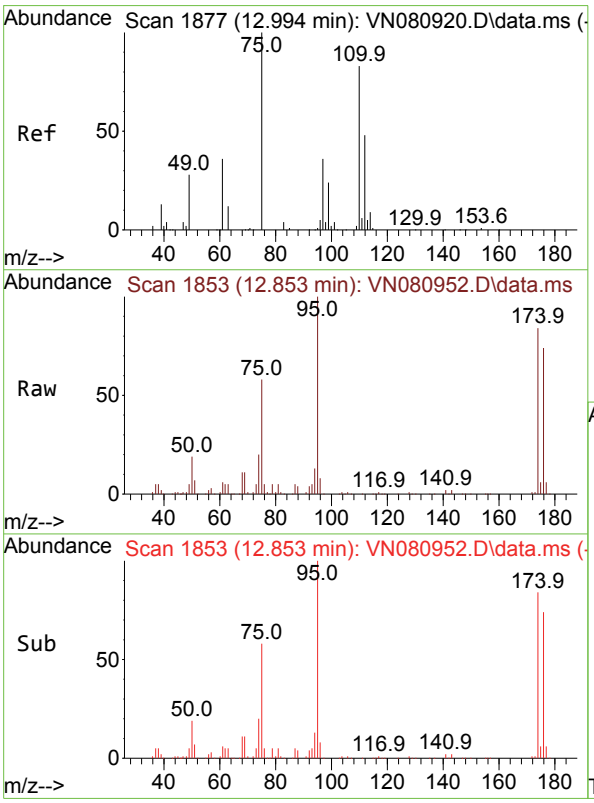
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 247209

Ion	Ratio	Lower	Upper
152	100		
115	62.5	32.3	96.8
150	154.8	0.0	339.8

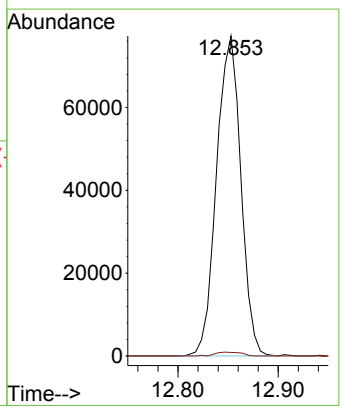


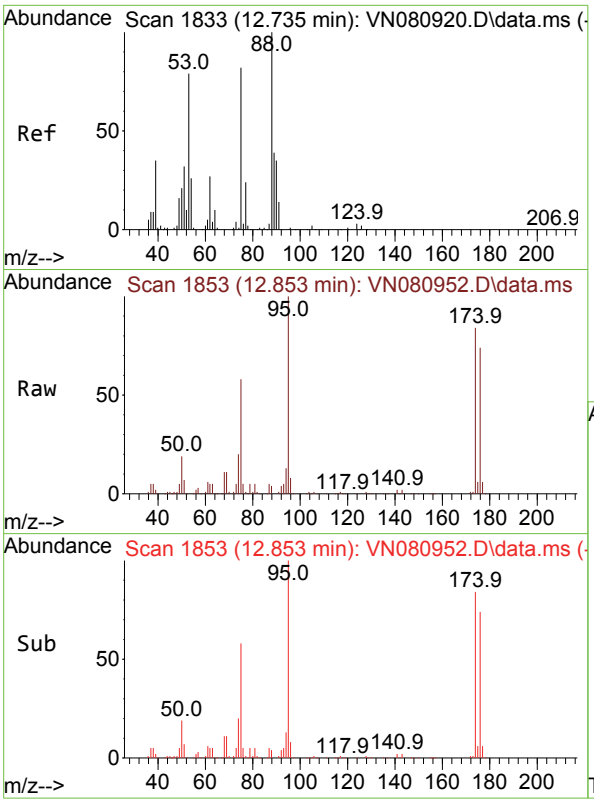


#76
1,2,3-Trichloropropane
Concen: 25.815 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion: 75 Resp: 130117

Ion	Ratio	Lower	Upper
75	100		
77	1.3	91.0	272.8#



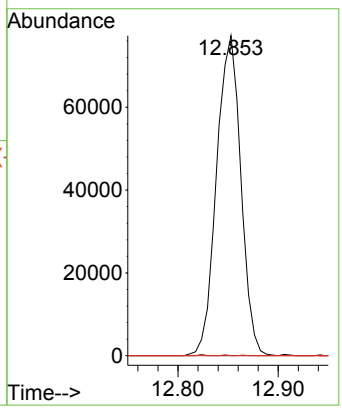


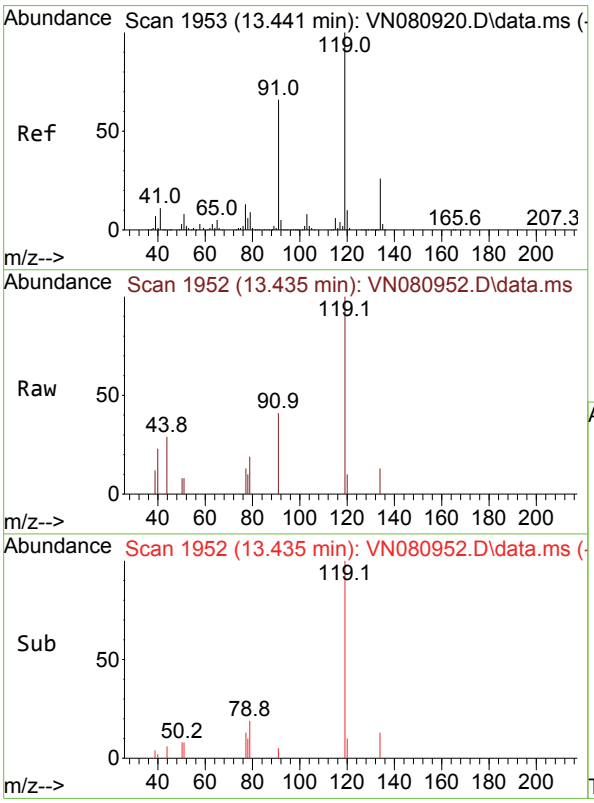
#81
trans-1,4-Dichloro-2-butene
Concen: 70.135 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.118 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 130117

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.4	107.2#
89	0.1	33.4	50.0#

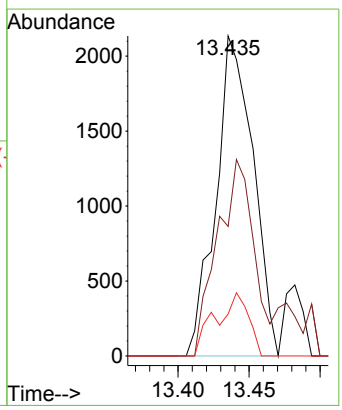


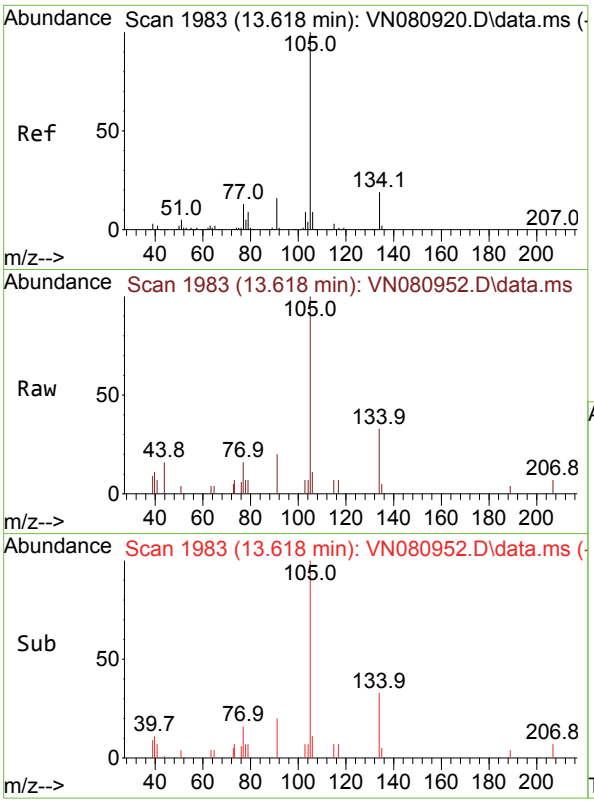


#83
tert-Butylbenzene
Concen: 0.292 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion:119 Resp: 3890

Ion	Ratio	Lower	Upper
119	100		
91	60.0	36.8	110.4
134	17.5	12.4	37.4



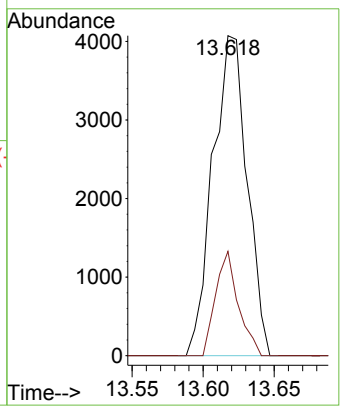


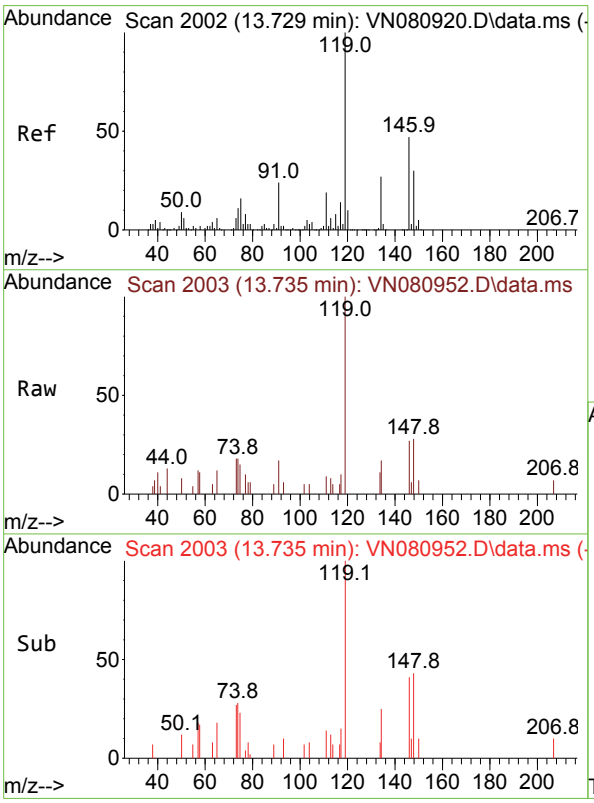
#85
sec-Butylbenzene
Concen: 0.382 ug/l
RT: 13.618 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 6839

Ion	Ratio	Lower	Upper
105	100		
134	21.6	8.6	25.8

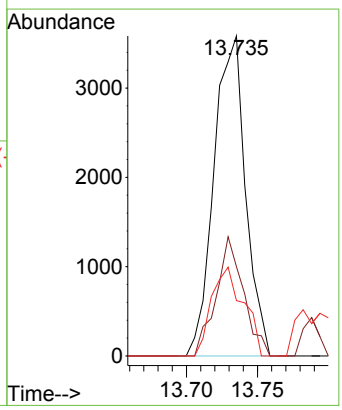


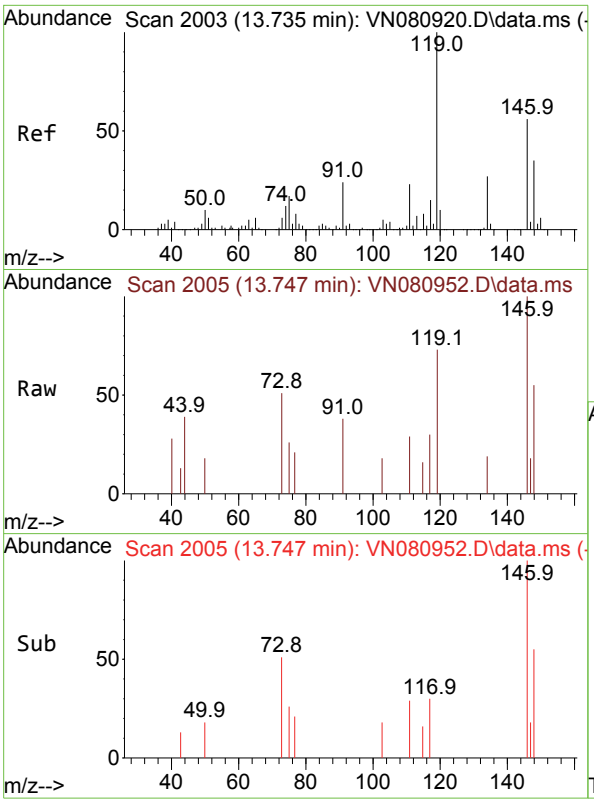


#86
p-Isopropyltoluene
Concen: 0.366 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion:119 Resp: 5541

Ion	Ratio	Lower	Upper
119	100		
134	32.3	12.4	37.2
91	28.1	13.5	40.4



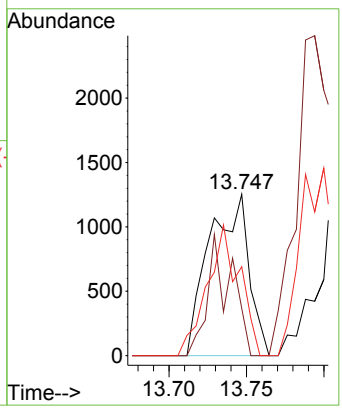


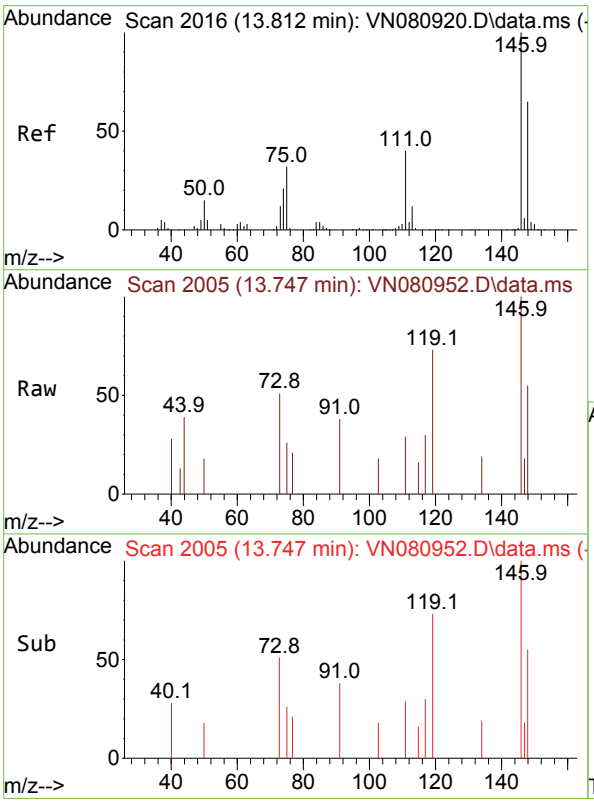
#87
1,3-Dichlorobenzene
Concen: 0.257 ug/l
RT: 13.747 min Scan# 2
Delta R.T. 0.012 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 2221

Ion	Ratio	Lower	Upper
146	100		
111	45.1	23.9	71.7
148	65.7	32.6	97.7

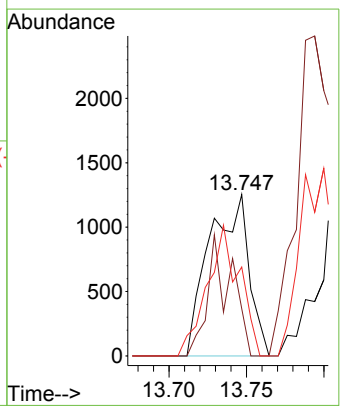


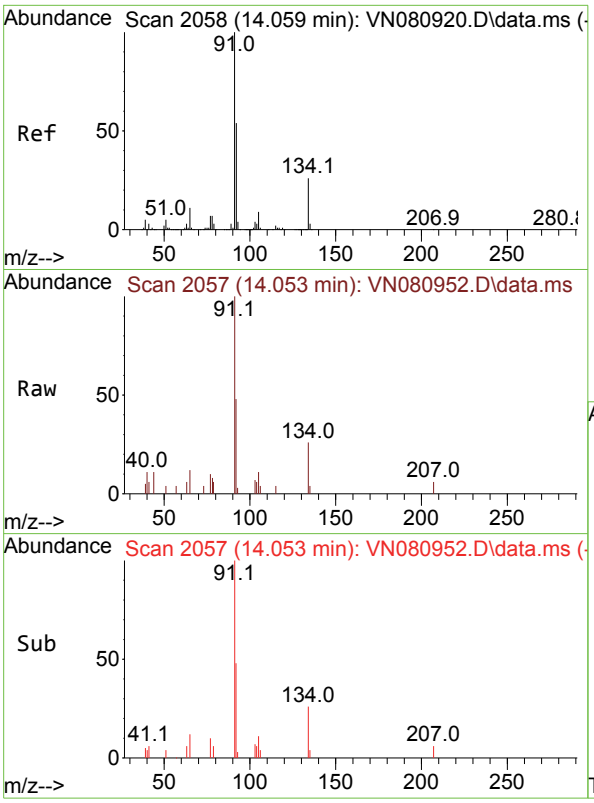


#88
1,4-Dichlorobenzene
Concen: 0.253 ug/l
RT: 13.747 min Scan# 2005
Delta R.T. -0.065 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion:146 Resp: 2221

Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.6	67.7
148	65.7	31.9	95.5



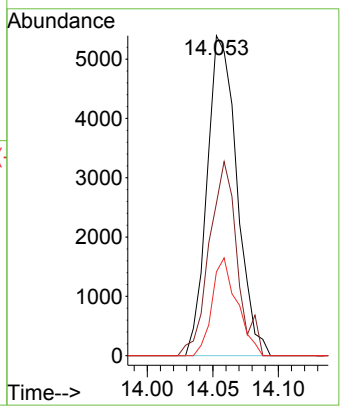


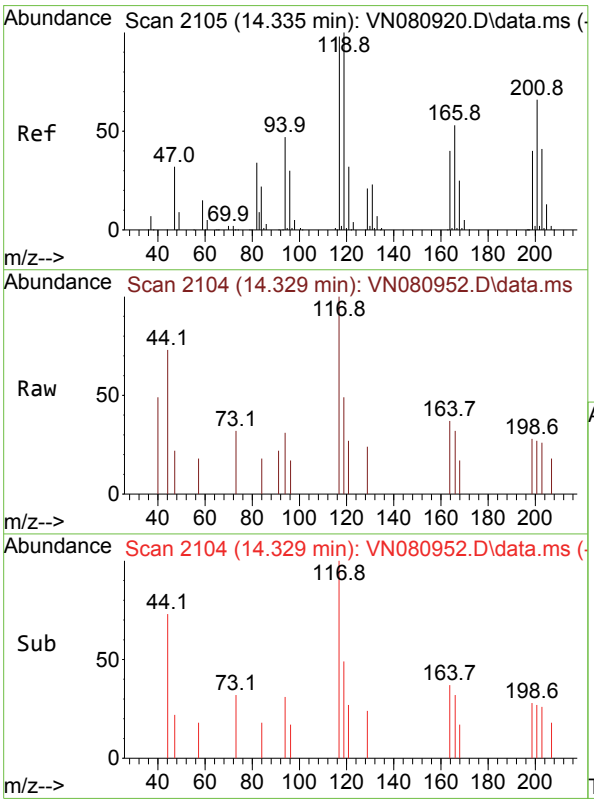
#89
n-Butylbenzene
Concen: 0.638 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 8527

Ion	Ratio	Lower	Upper
91	100		
92	56.9	26.7	80.1
134	25.7	10.8	32.4

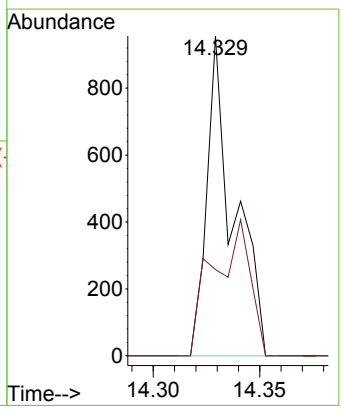


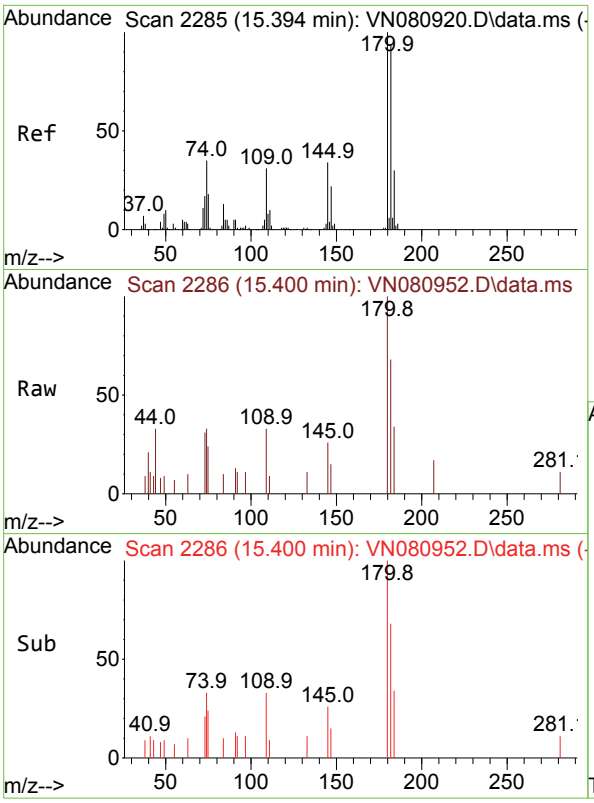


#90
Hexachloroethane
Concen: 0.350 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion:117 Resp: 836

Ion	Ratio	Lower	Upper
117	100		
201	58.7	30.0	90.0



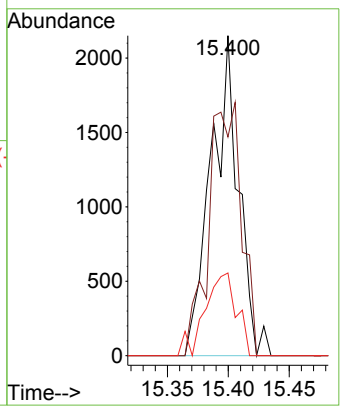


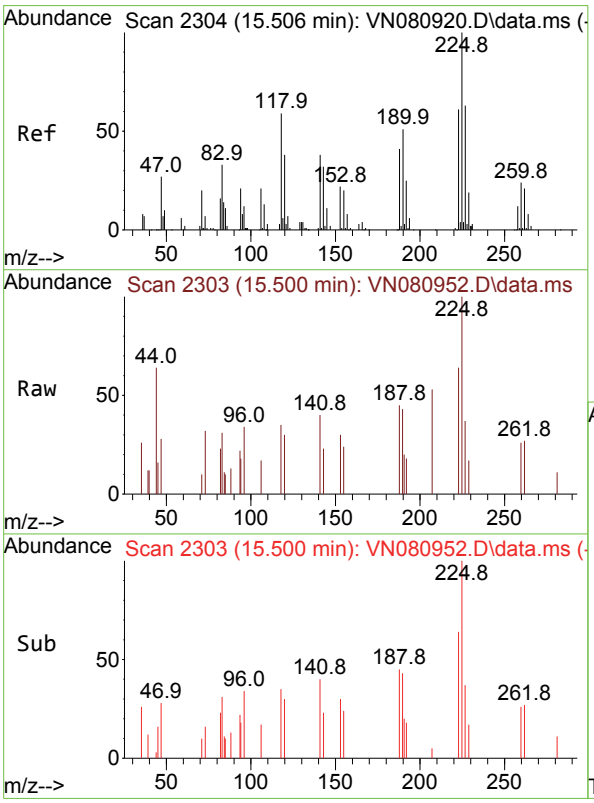
#93
1,2,4-Trichlorobenzene
Concen: 0.828 ug/l
RT: 15.400 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 3389

Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.6	139.7
145	29.5	16.8	50.3

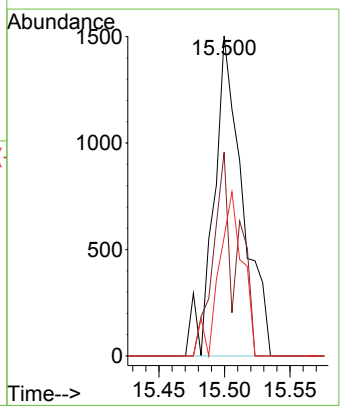


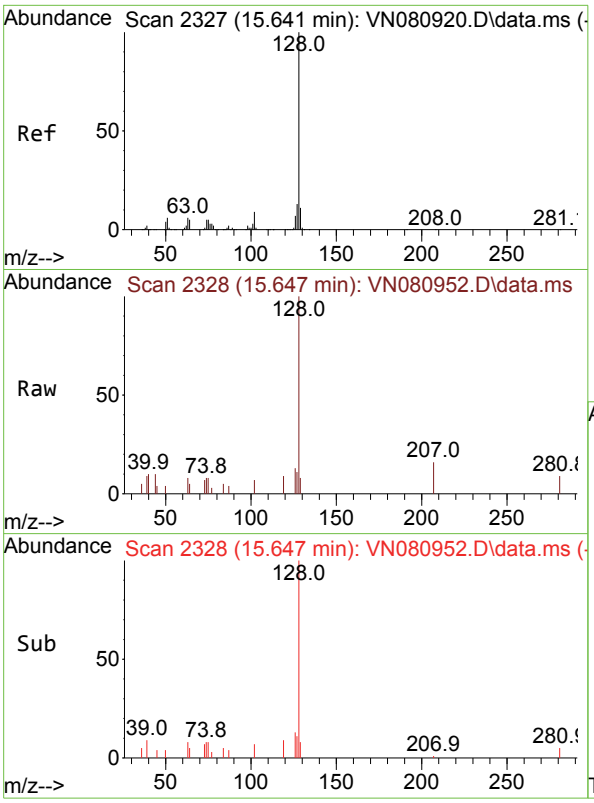


#94
Hexachlorobutadiene
Concen: 1.288 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion:225 Resp: 2287

Ion	Ratio	Lower	Upper
225	100		
223	52.1	33.3	99.8
227	42.3	33.1	99.2



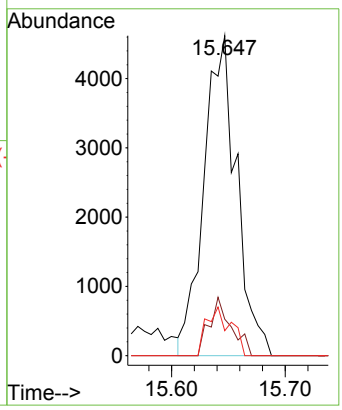


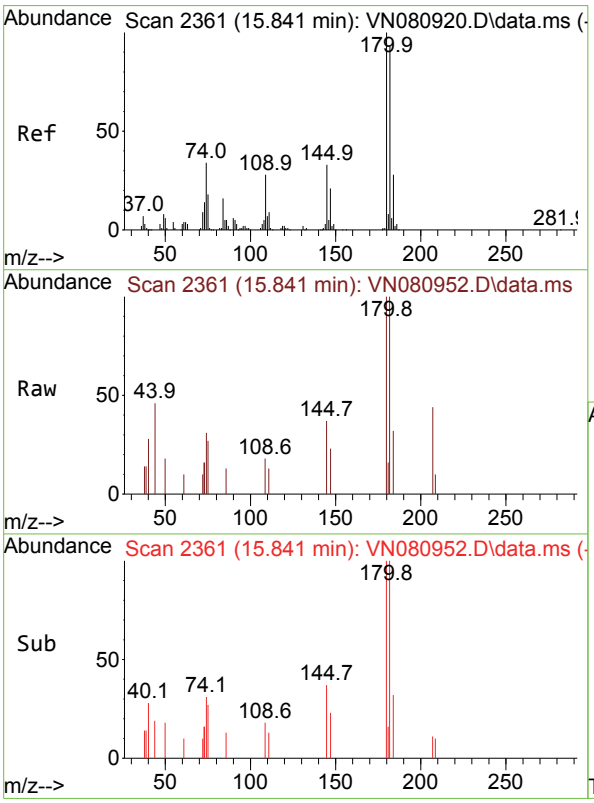
#95
Naphthalene
Concen: 0.681 ug/l
RT: 15.647 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 9201

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.0	15.0
129	11.4	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.873 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion:180 Resp: 3517

Ion	Ratio	Lower	Upper
180	100		
182	108.9	46.5	139.3
145	21.2	17.8	53.4