Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
Data File : VN076576.D
Acq On : 08 Feb 2023 13:46
Operator : JC\MD
Sample : 01418-14
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Quant Time: Feb 09 00:46:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 09:04:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.233	168	615642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.104	114	977951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.869	117	864420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.792	152	338821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.586	65	321613	44.260	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 88.520%			
35) Dibromofluoromethane	8.175	113	298685	49.132	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.260%			
50) Toluene-d8	10.569	98	1145773	50.099	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.200%			
62) 4-Bromofluorobenzene	12.851	95	386001	47.908	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.820%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.534	59	1045	1.104	ug/l #	72
13) Acrolein	4.198	56	509	0.403	ug/l	100
16) Acetone	4.451	43	38410	16.033	ug/l #	80
18) Methyl Acetate	5.045	43	5048	0.666	ug/l #	78
20) Methylene Chloride	5.287	84	29732	4.026	ug/l	97
25) 2-Butanone	7.492	43	7896	2.293	ug/l	94
29) Tetrahydrofuran	7.863	42	1550	0.700	ug/l #	88
31) Cyclohexane	8.233	56	10189	0.887	ug/l #	1
36) 1,1-Dichloropropene	8.233	75	43289	4.987	ug/l #	50
37) Ethyl Acetate	7.575	43	62954	9.681	ug/l #	95
38) Carbon Tetrachloride	8.233	117	60226	6.453	ug/l #	15
42) 1,2-Dichloroethane	8.698	62	2749	0.321	ug/l #	71
43) Isopropyl Acetate	8.692	43	334753	30.936	ug/l #	88
48) Methyl methacrylate	9.675	41	7554	1.419	ug/l #	37
49) 1,4-Dioxane	9.692	88	134	1.177	ug/l #	1
51) 4-Methyl-2-Pentanone	10.451	43	26580	4.087	ug/l #	73
54) cis-1,3-Dichloropropene	10.357	75	136494	13.514	ug/l #	61
57) 1,3-Dichloropropane	11.204	76	17014	1.580	ug/l #	42
59) 2-Hexanone	11.174	43	284256	61.310	ug/l #	18
74) N-amyl acetate	12.492	43	4158	0.537	ug/l #	69
76) 1,2,3-Trichloropropane	12.851	75	188734	29.856	ug/l #	1
77) Bromobenzene	12.980	156	1354	0.210	ug/l	82
81) trans-1,4-Dichloro-2-b...	12.851	75	188734	91.676	ug/l #	10
87) 1,3-Dichlorobenzene	13.733	146	3476	0.293	ug/l	95
88) 1,4-Dichlorobenzene	13.733	146	3476	0.288	ug/l	95
89) n-Butylbenzene	14.063	91	4960	0.275	ug/l	95
91) 1,2-Dichlorobenzene	14.110	146	3803	0.325	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.727	75	369	0.280	ug/l #	43
93) 1,2,4-Trichlorobenzene	15.386	180	4454	0.830	ug/l	94
94) Hexachlorobutadiene	15.504	225	621	0.206	ug/l #	44
95) Naphthalene	15.645	128	15524	0.994	ug/l	98
96) 1,2,3-Trichlorobenzene	15.839	180	4742	0.923	ug/l	94

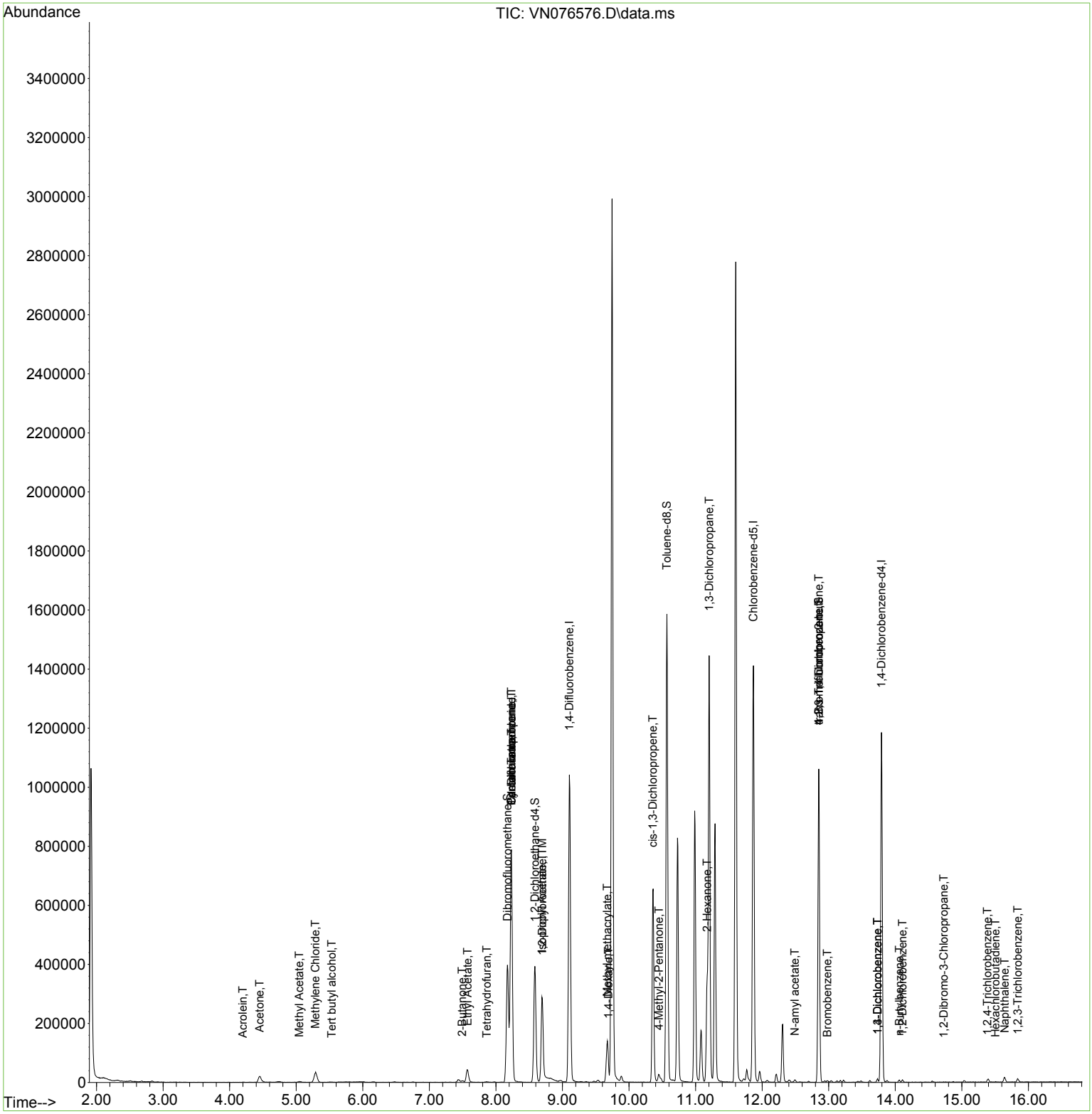
(#) = qualifier out of range (m) = manual integration (+) = signals summed

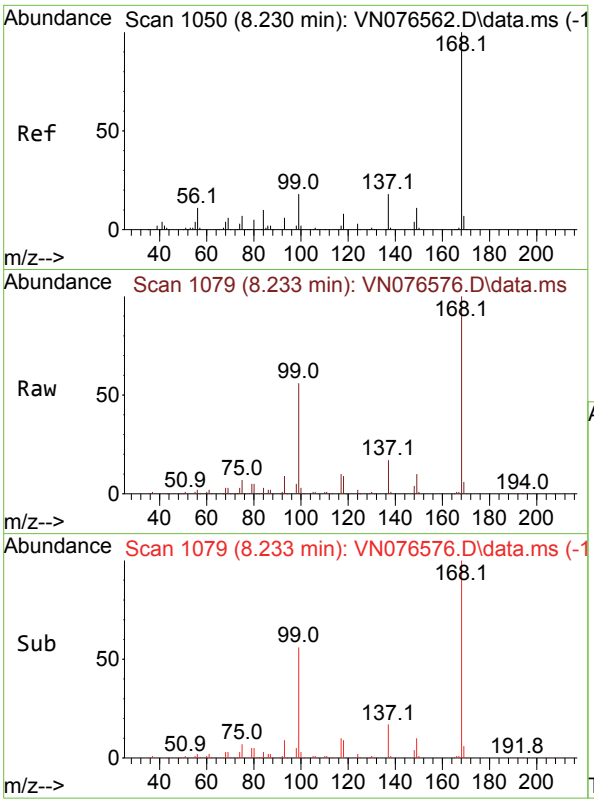
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
Data File : VN076576.D
Acq On : 08 Feb 2023 13:46
Operator : JC\MD
Sample : 01418-14
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Quant Time: Feb 09 00:46:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 09:04:43 2023
Response via : Initial Calibration



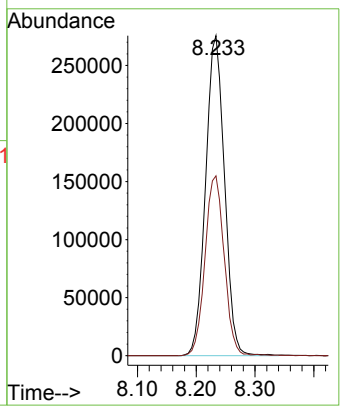


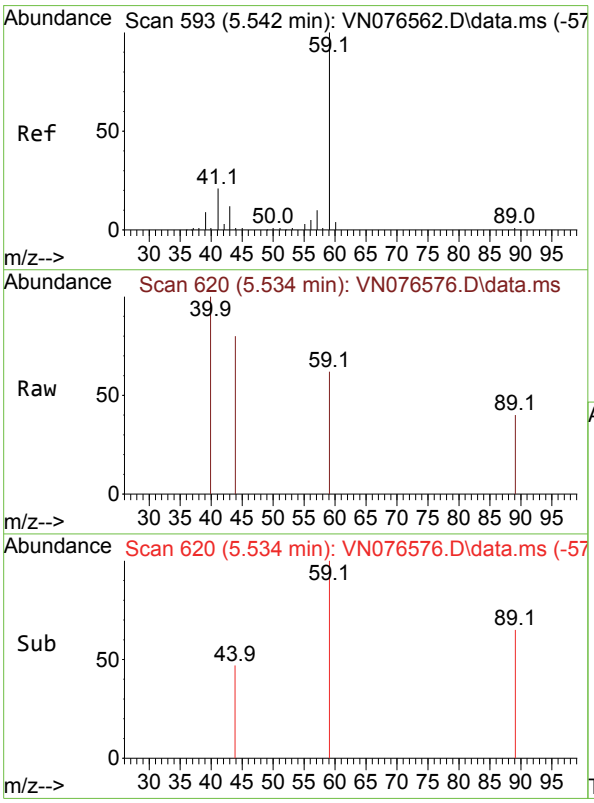
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.233 min Scan# 1
Delta R.T. 0.003 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion:168 Resp: 615642

Ion	Ratio	Lower	Upper
168	100		
99	56.2	47.8	71.8

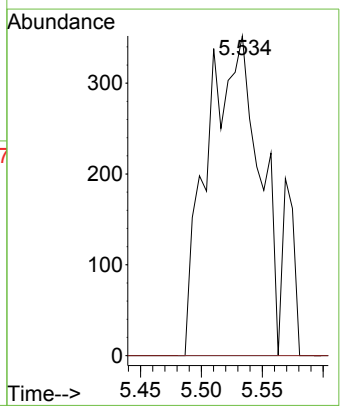


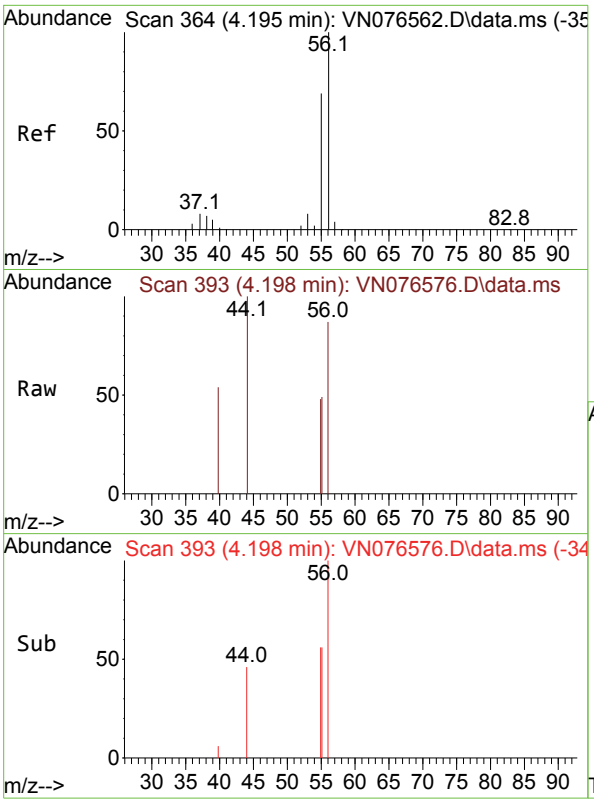


#11
Tert butyl alcohol
Concen: 1.104 ug/l
RT: 5.534 min Scan# 620
Delta R.T. -0.008 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion: 59 Resp: 1045

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



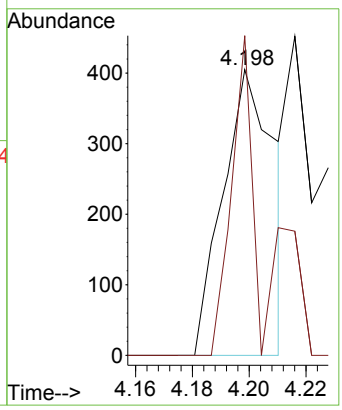


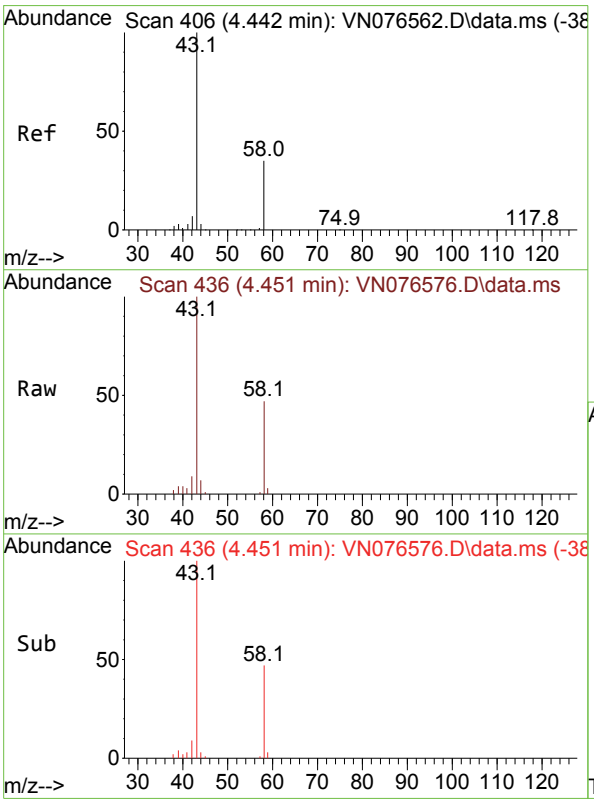
#13
Acrolein
Concen: 0.403 ug/l
RT: 4.198 min Scan# 3
Delta R.T. 0.003 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion: 56 Resp: 509

Ion	Ratio	Lower	Upper
56	100		
55	68.6	54.7	82.1

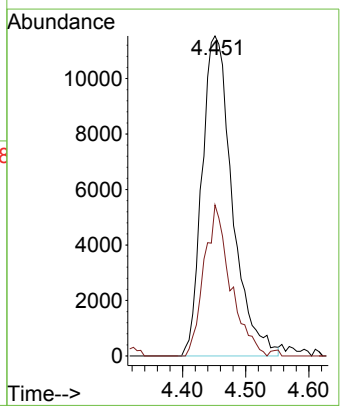


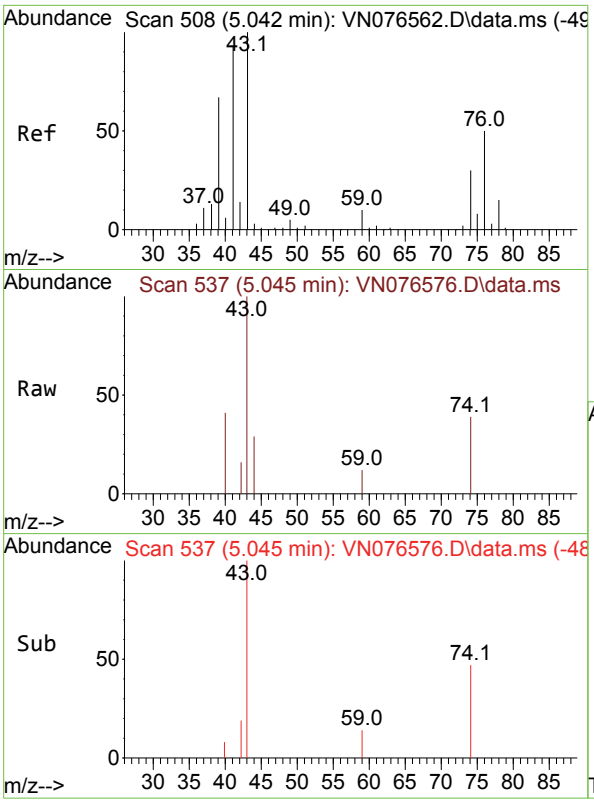


#16
Acetone
Concen: 16.033 ug/l
RT: 4.451 min Scan# 436
Delta R.T. 0.009 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion: 43 Resp: 38410

Ion	Ratio	Lower	Upper
43	100		
58	47.2	28.4	42.6#



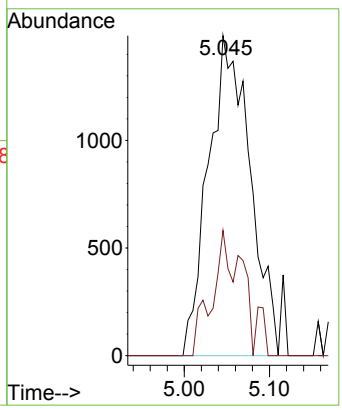


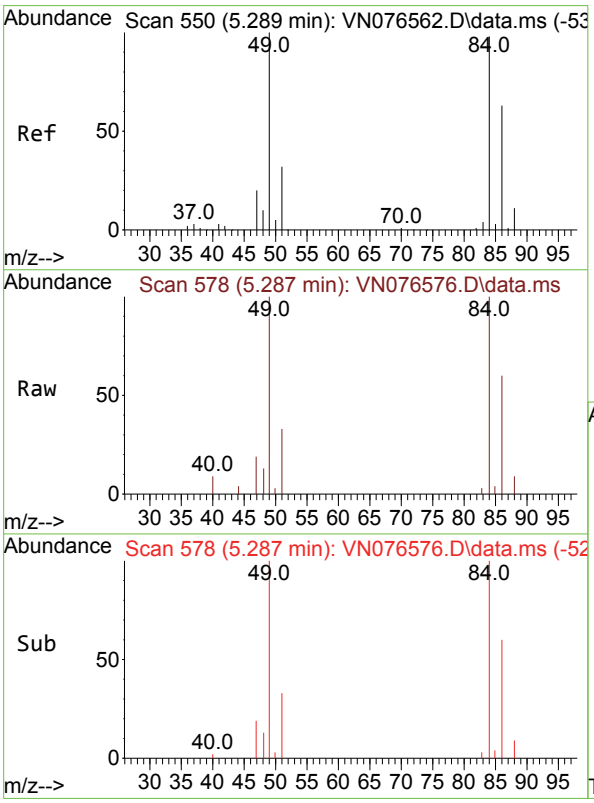
#18
Methyl Acetate
Concen: 0.666 ug/l
RT: 5.045 min Scan# 5
Delta R.T. 0.003 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion: 43 Resp: 5048

Ion	Ratio	Lower	Upper
43	100		
74	18.1	23.9	35.9#

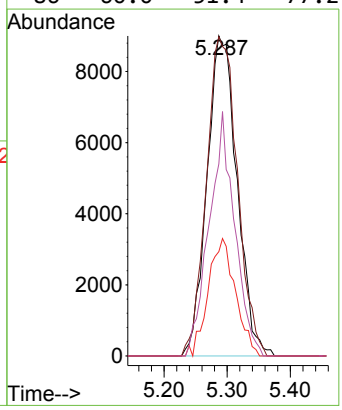


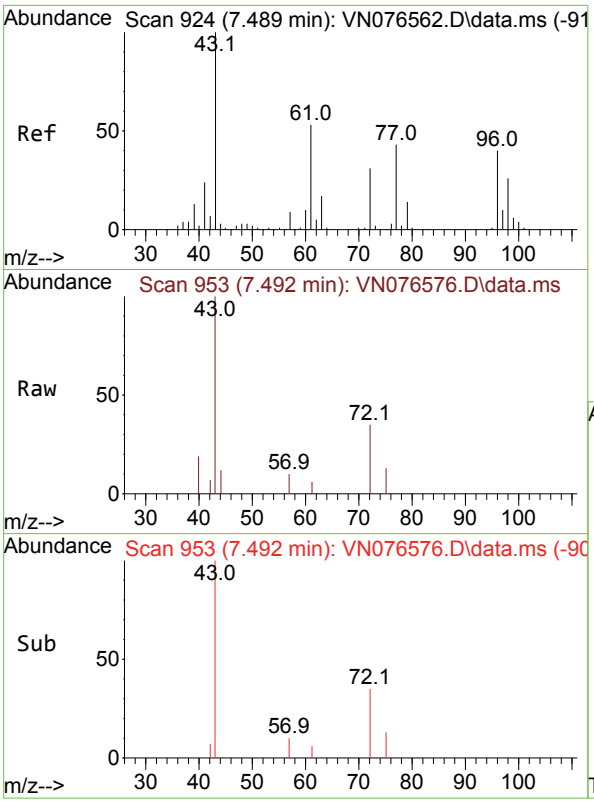


#20
Methylene Chloride
Concen: 4.026 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.002 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion: 84 Resp: 29732

Ion	Ratio	Lower	Upper
84	100		
49	99.8	82.0	123.0
51	32.6	26.0	39.0
86	60.0	51.4	77.2



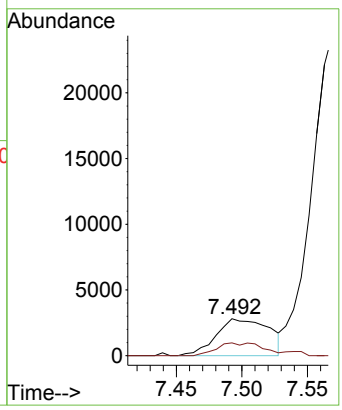


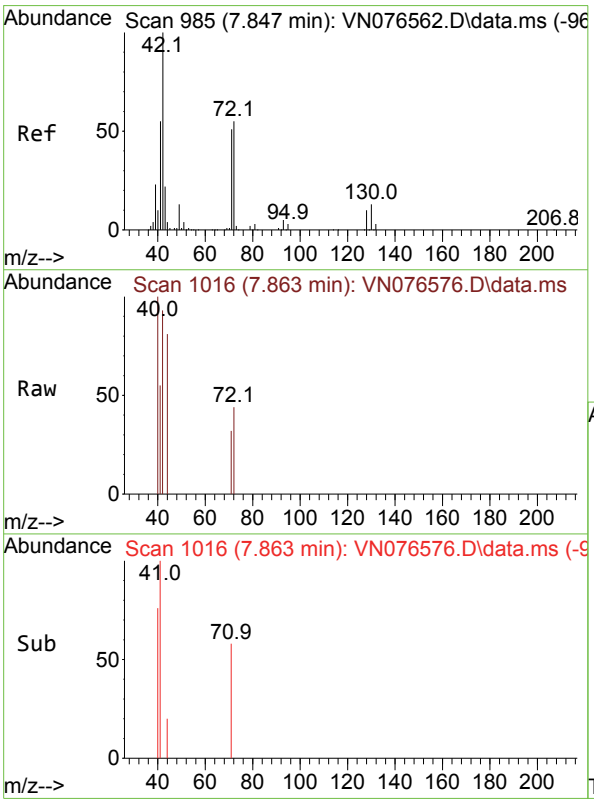
#25
2-Butanone
Concen: 2.293 ug/l
RT: 7.492 min Scan# 9
Delta R.T. 0.003 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion: 43 Resp: 7896

Ion	Ratio	Lower	Upper
43	100		
72	34.7	25.1	37.7

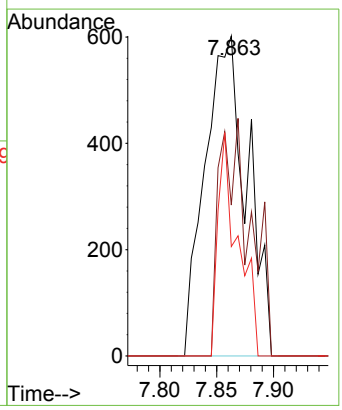


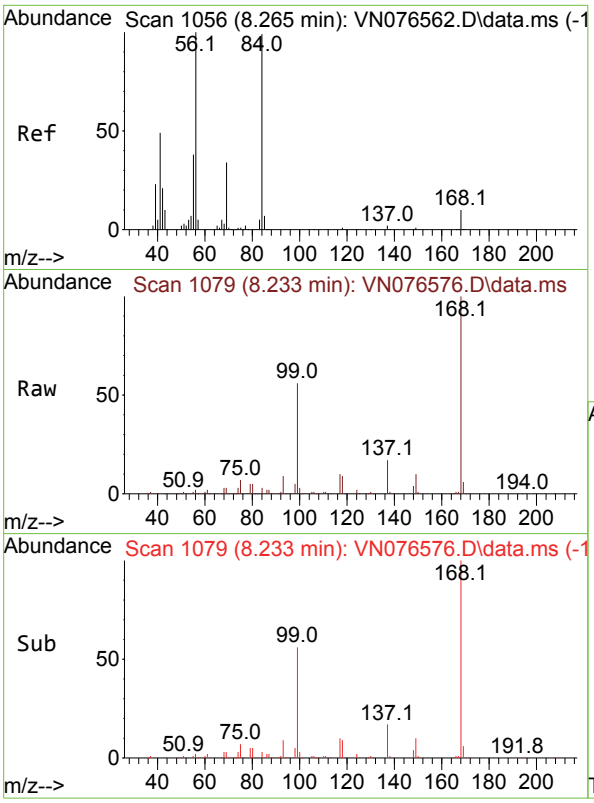


#29
Tetrahydrofuran
Concen: 0.700 ug/l
RT: 7.863 min Scan# 1016
Delta R.T. 0.016 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion: 42 Resp: 1550

Ion	Ratio	Lower	Upper
42	100		
72	54.6	42.9	64.3
71	33.2	39.9	59.9#



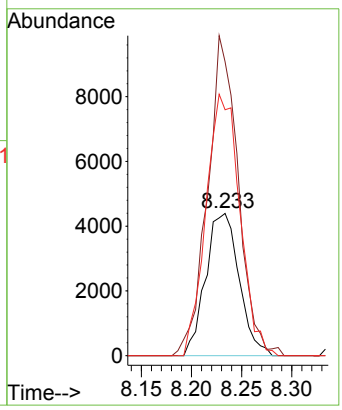


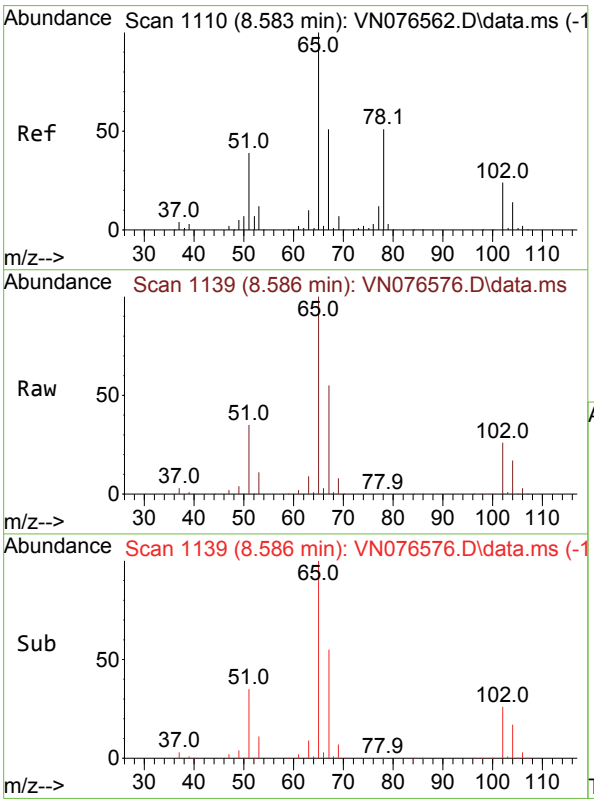
#31
Cyclohexane
Concen: 0.887 ug/l
RT: 8.233 min Scan# 1
Delta R.T. -0.032 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion: 56 Resp: 10189

Ion	Ratio	Lower	Upper
56	100		
69	203.1	27.0	40.4#
84	172.8	79.5	119.3#

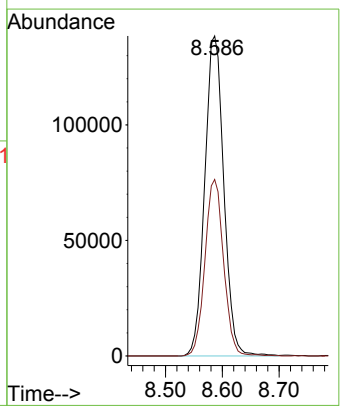


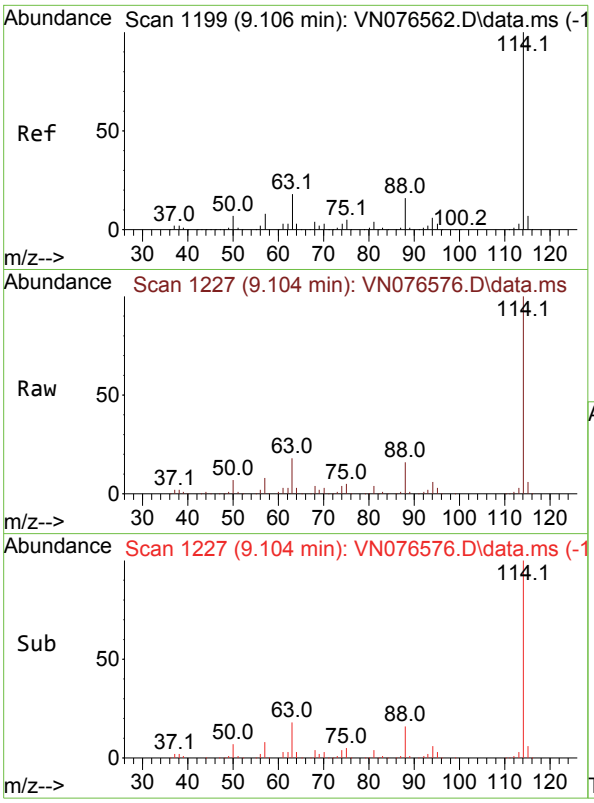


#33
1,2-Dichloroethane-d4
Concen: 44.260 ug/l
RT: 8.586 min Scan# 1139
Delta R.T. 0.003 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion: 65 Resp: 321613

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	105.4



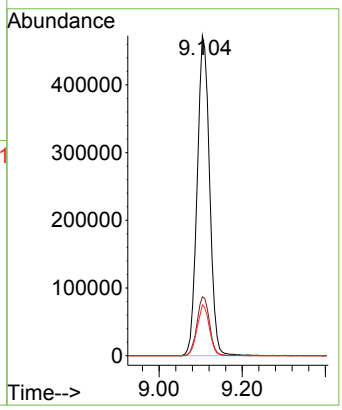


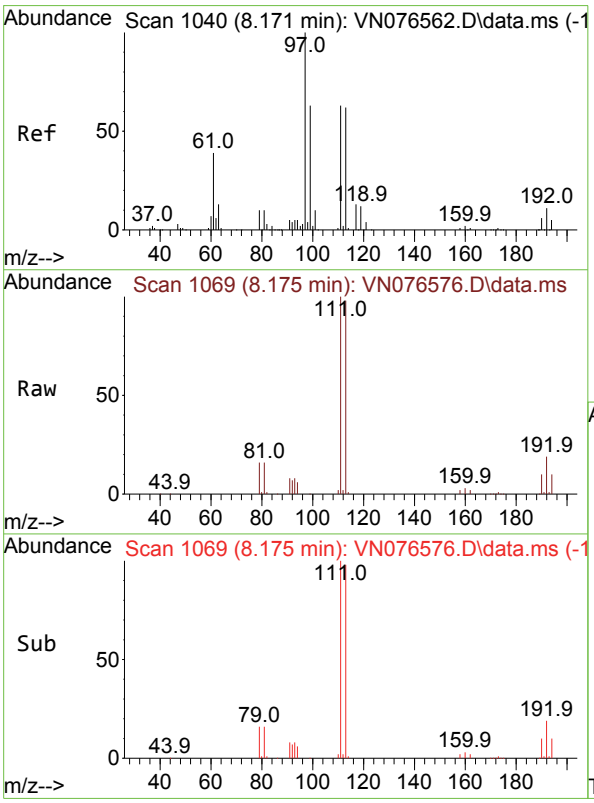
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.104 min Scan# 1
Delta R.T. -0.002 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion:114 Resp: 977951

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	36.6
88	15.9	0.0	32.0

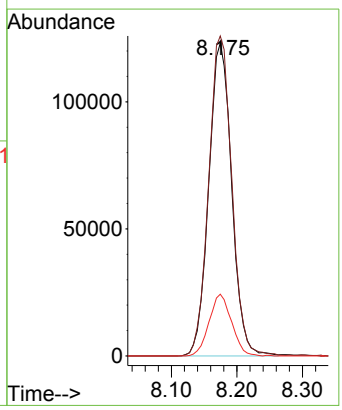


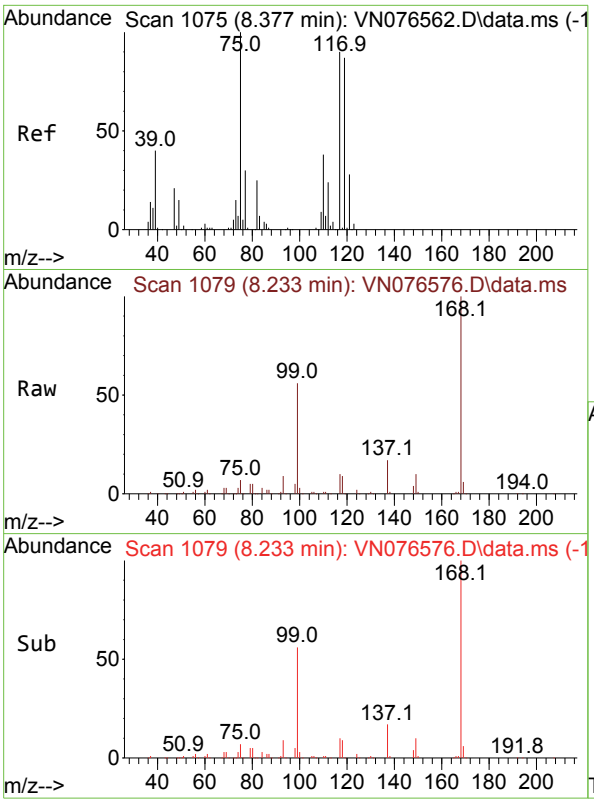


#35
Dibromofluoromethane
Concen: 49.132 ug/l
RT: 8.175 min Scan# 1069
Delta R.T. 0.004 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion:113 Resp: 298685

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	19.4	14.8	22.2



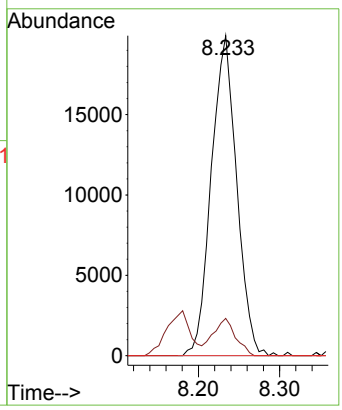


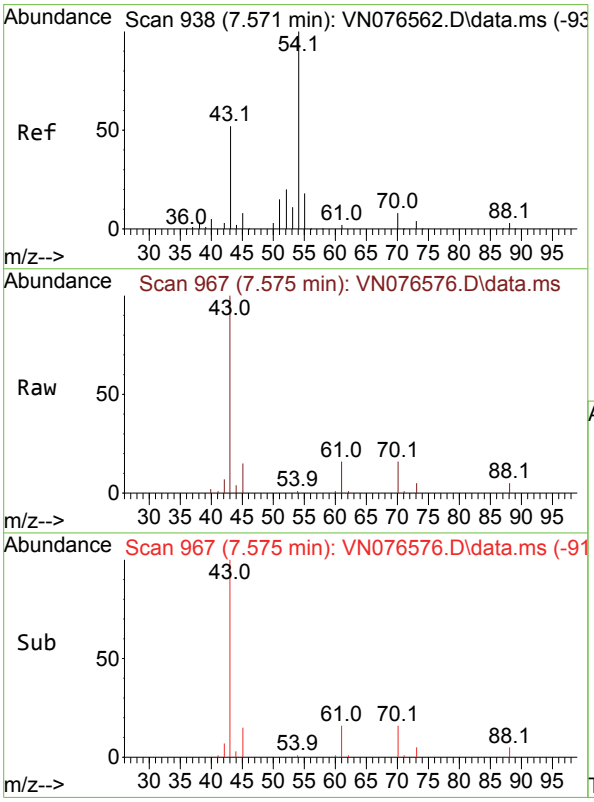
#36
1,1-Dichloropropene
Concen: 4.987 ug/l
RT: 8.233 min Scan# 1
Delta R.T. -0.144 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion: 75 Resp: 43289

Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.6	55.6#
77	0.0	25.1	37.7#

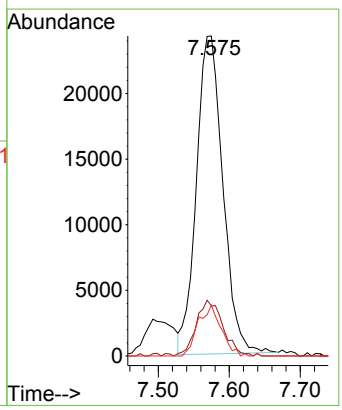


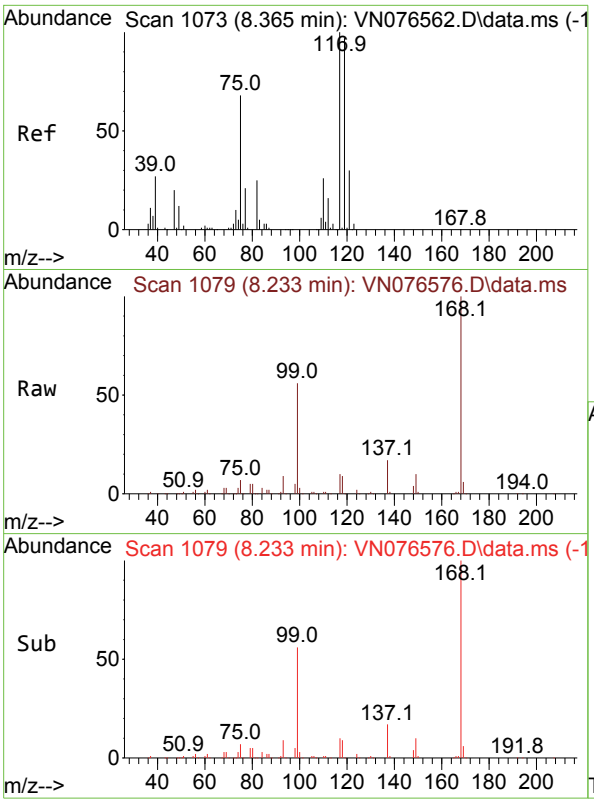


#37
Ethyl Acetate
Concen: 9.681 ug/l
RT: 7.575 min Scan# 967
Delta R.T. 0.004 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion: 43 Resp: 62954

Ion	Ratio	Lower	Upper
43	100		
61	17.7	11.8	17.6#
70	14.0	10.4	15.6



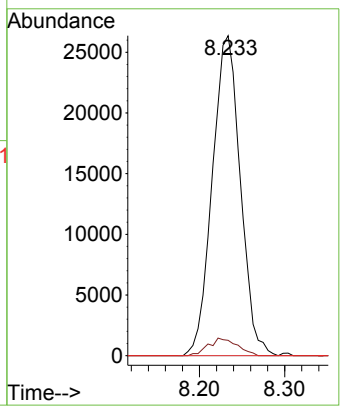


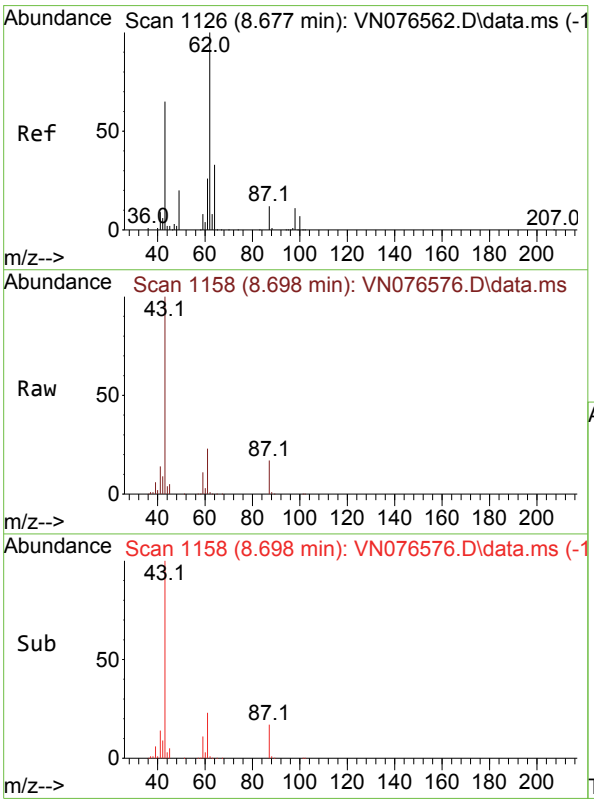
#38
Carbon Tetrachloride
Concen: 6.453 ug/l
RT: 8.233 min Scan# 1
Delta R.T. -0.132 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion:117 Resp: 60226

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.2	115.8#
121	0.0	23.9	35.9#

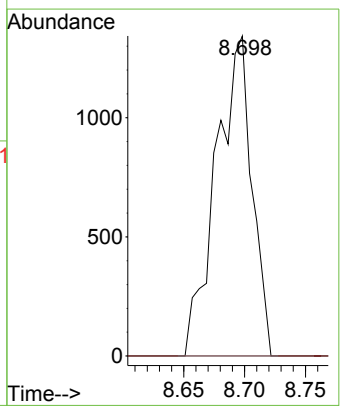


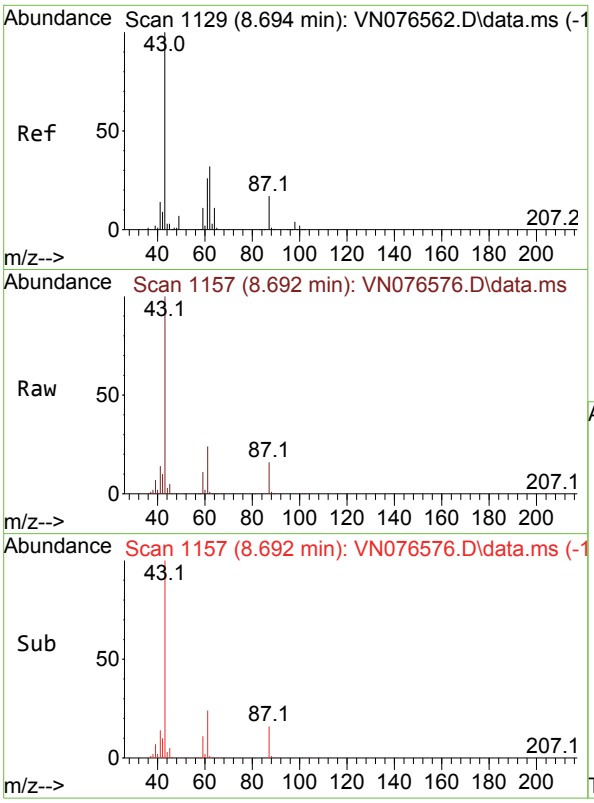


#42
1,2-Dichloroethane
Concen: 0.321 ug/l
RT: 8.698 min Scan# 1158
Delta R.T. 0.021 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion: 62 Resp: 2749

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	21.6



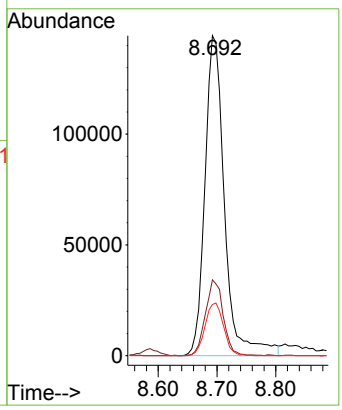


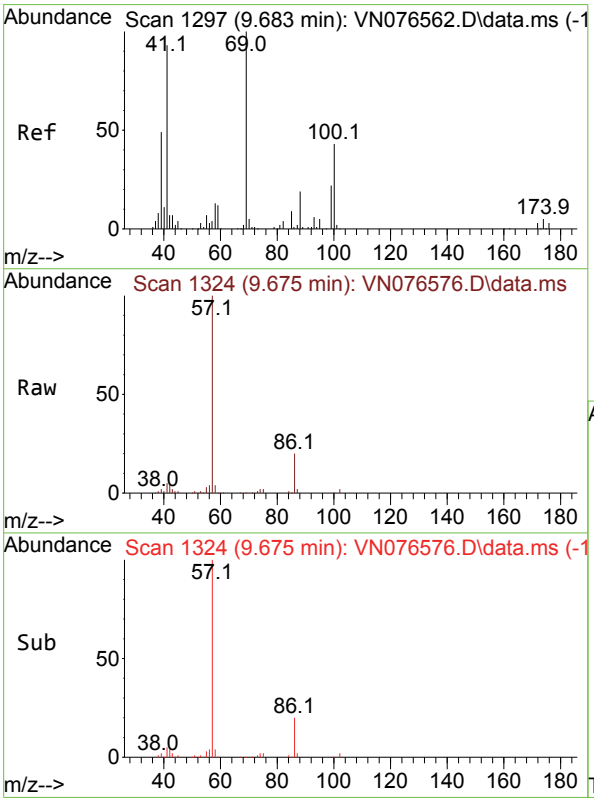
#43
Isopropyl Acetate
Concen: 30.936 ug/l
RT: 8.692 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion: 43 Resp: 334753

Ion	Ratio	Lower	Upper
43	100		
61	21.5	24.5	36.7#
87	15.5	13.6	20.4

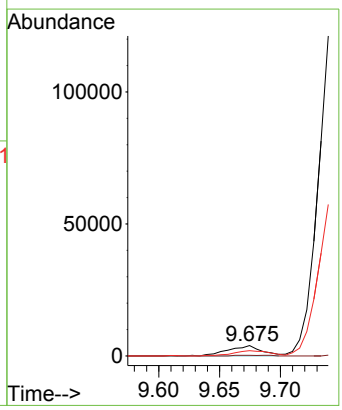


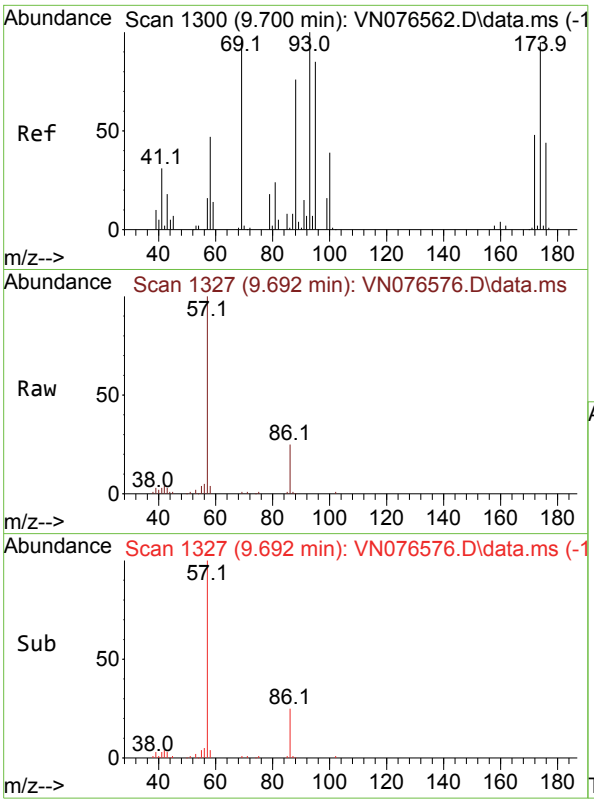


#48
Methyl methacrylate
Concen: 1.419 ug/l
RT: 9.675 min Scan# 1324
Delta R.T. -0.008 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion: 41 Resp: 7554

Ion	Ratio	Lower	Upper
41	100		
69	6.4	83.0	124.4#
39	55.8	43.8	65.8



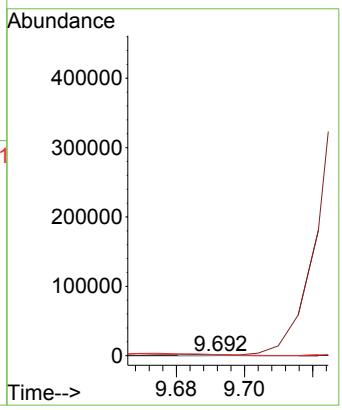


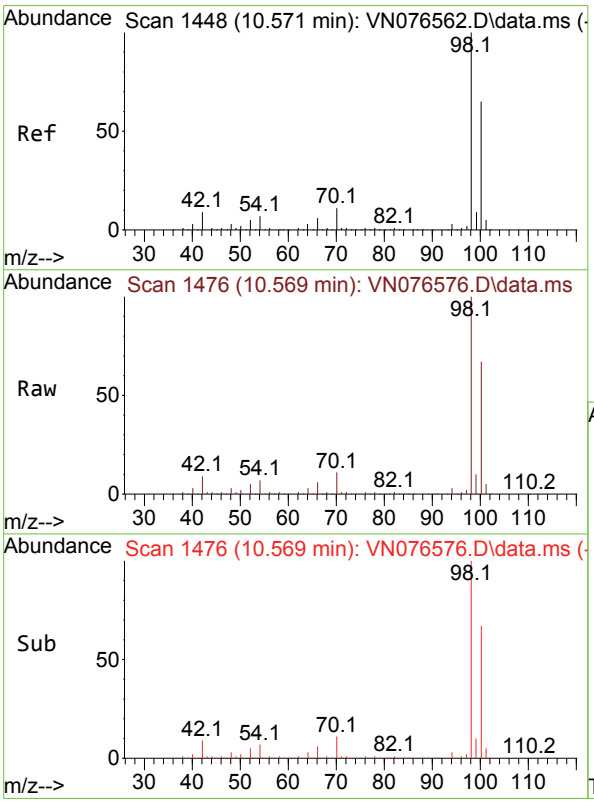
#49
1,4-Dioxane
Concen: 1.177 ug/l
RT: 9.692 min Scan# 1
Delta R.T. -0.008 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion: 88 Resp: 134

Ion	Ratio	Lower	Upper
88	100		
43	0.0	16.7	25.1#
58	5173.1	51.7	77.5#

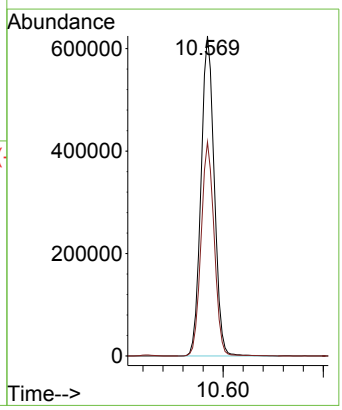


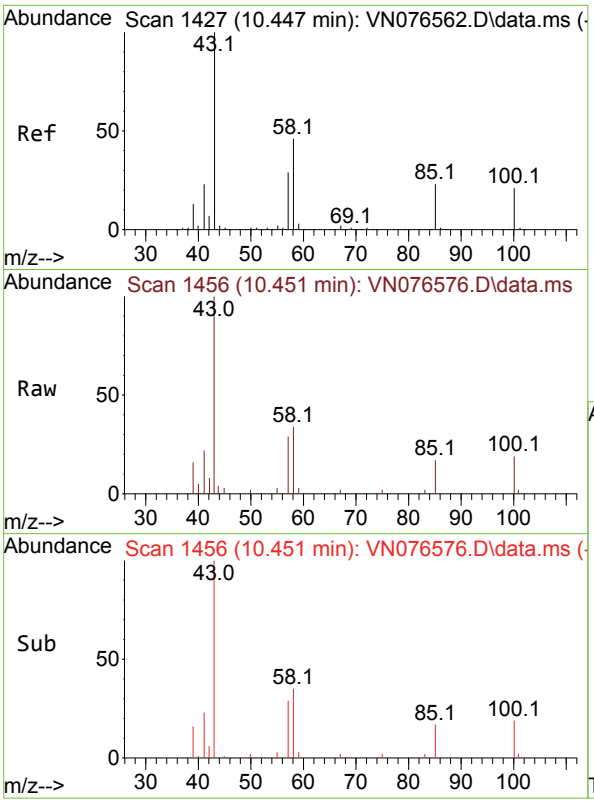


#50
Toluene-d8
Concen: 50.099 ug/l
RT: 10.569 min Scan# 1476
Delta R.T. -0.002 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion: 98 Resp: 1145773

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3



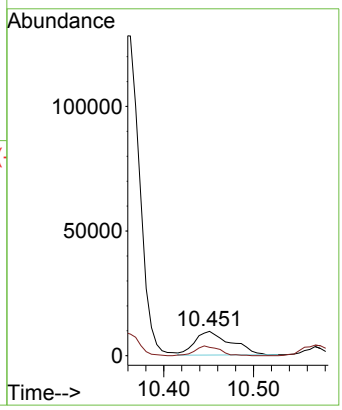


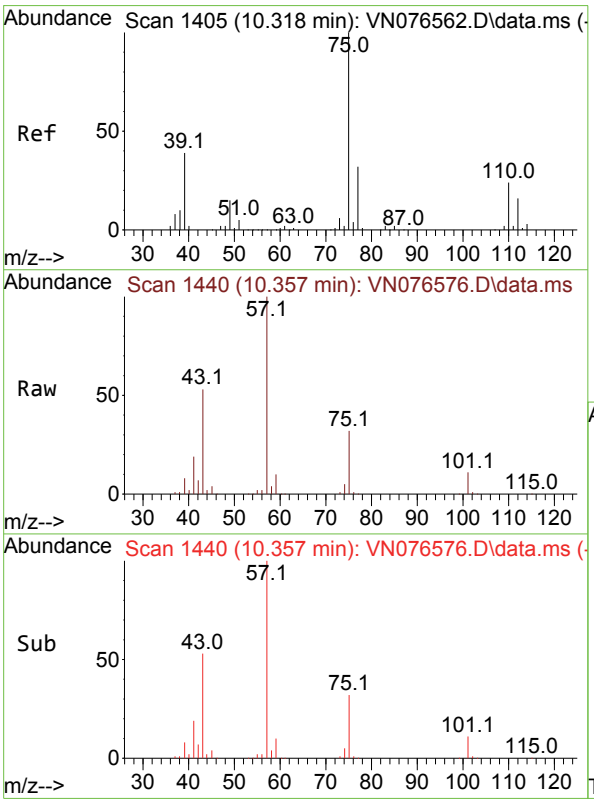
#51
4-Methyl-2-Pentanone
Concen: 4.087 ug/l
RT: 10.451 min Scan# 14
Delta R.T. 0.004 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion: 43 Resp: 26580

Ion	Ratio	Lower	Upper
43	100		
58	28.0	36.4	54.6#

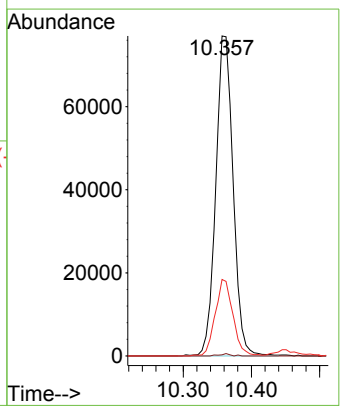


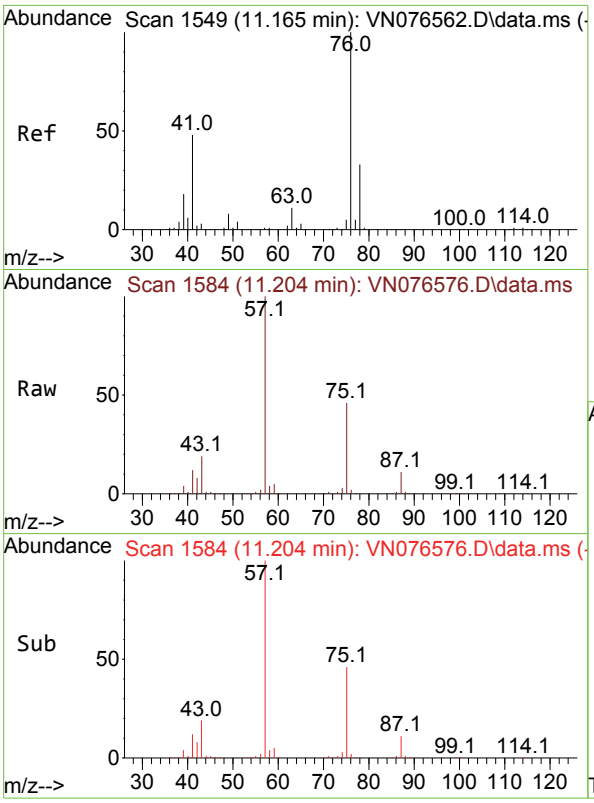


#54
cis-1,3-Dichloropropene
Concen: 13.514 ug/l
RT: 10.357 min Scan# 1440
Delta R.T. 0.039 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion: 75 Resp: 136494

Ion	Ratio	Lower	Upper
75	100		
77	0.3	25.4	38.0#
39	23.9	31.1	46.7#



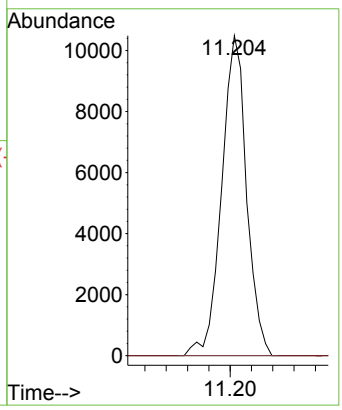


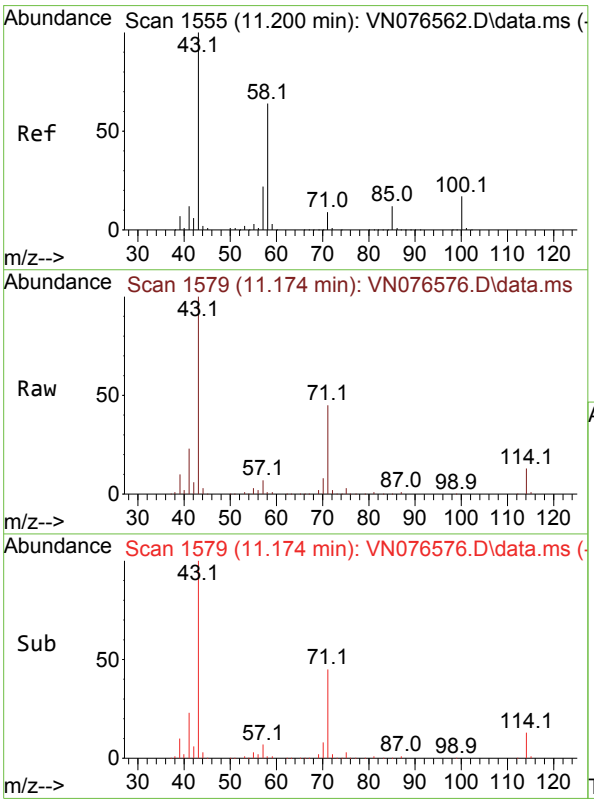
#57
1,3-Dichloropropane
Concen: 1.580 ug/l
RT: 11.204 min Scan# 1
Delta R.T. 0.039 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion: 76 Resp: 17014

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.4#

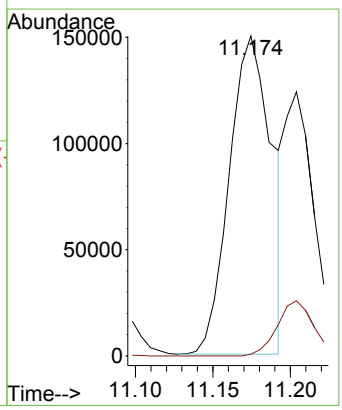


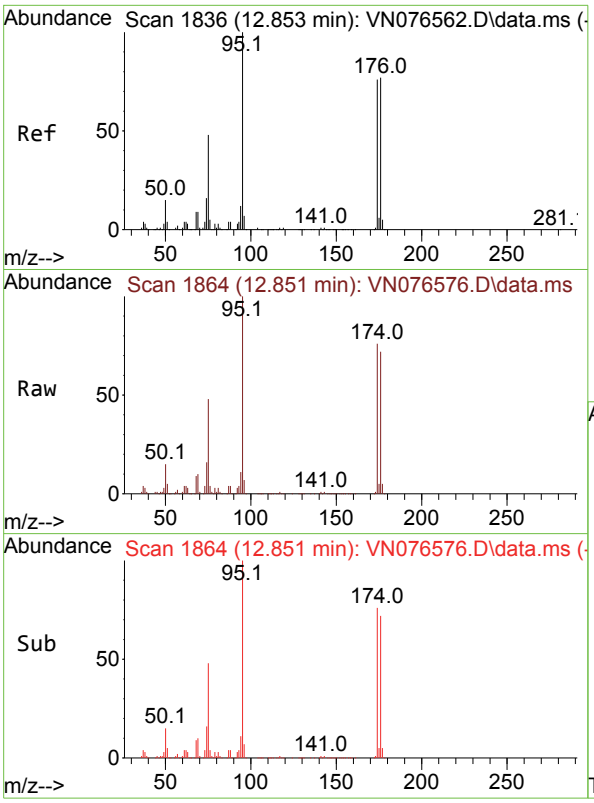


#59
2-Hexanone
Concen: 61.310 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.026 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion: 43 Resp: 284256

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	95.4#



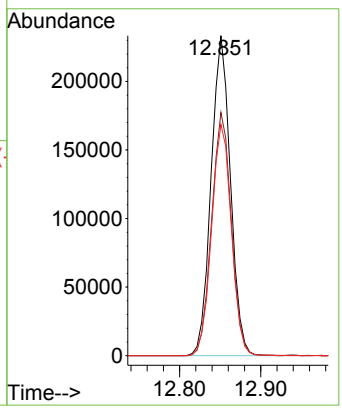


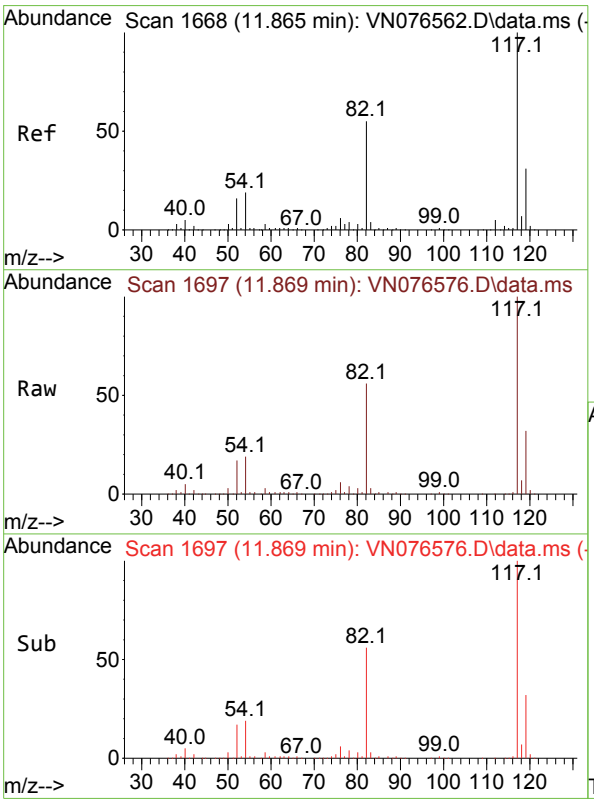
#62
4-Bromofluorobenzene
Concen: 47.908 ug/l
RT: 12.851 min Scan# 1
Delta R.T. -0.002 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion: 95 Resp: 386001

Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	154.0
176	73.8	0.0	152.0

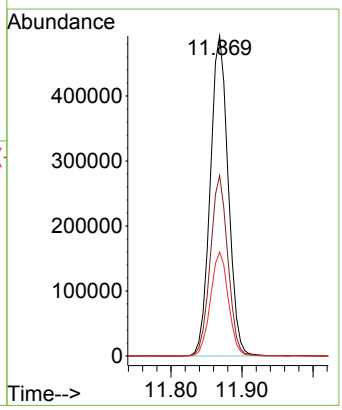


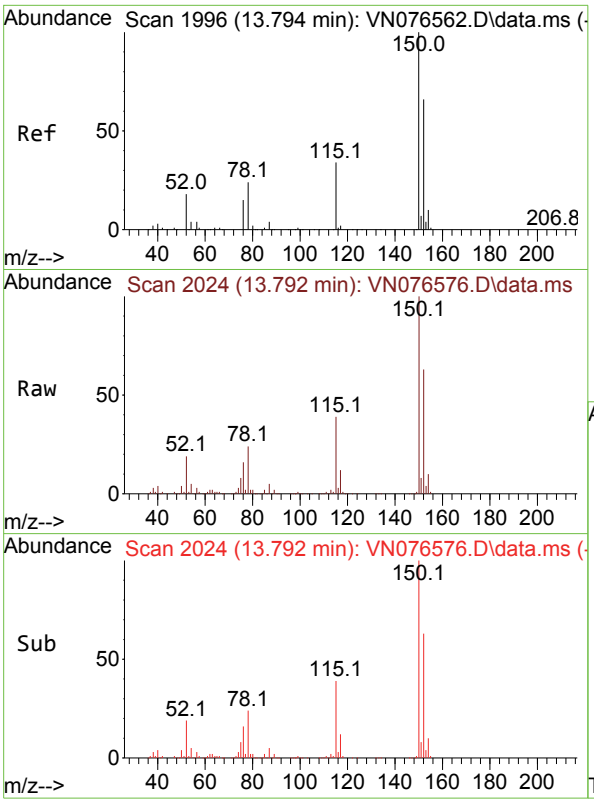


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.869 min Scan# 1697
Delta R.T. 0.004 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion:117 Resp: 864420

Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.2	66.4
119	32.5	25.1	37.7



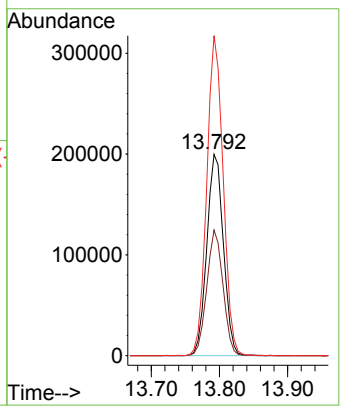


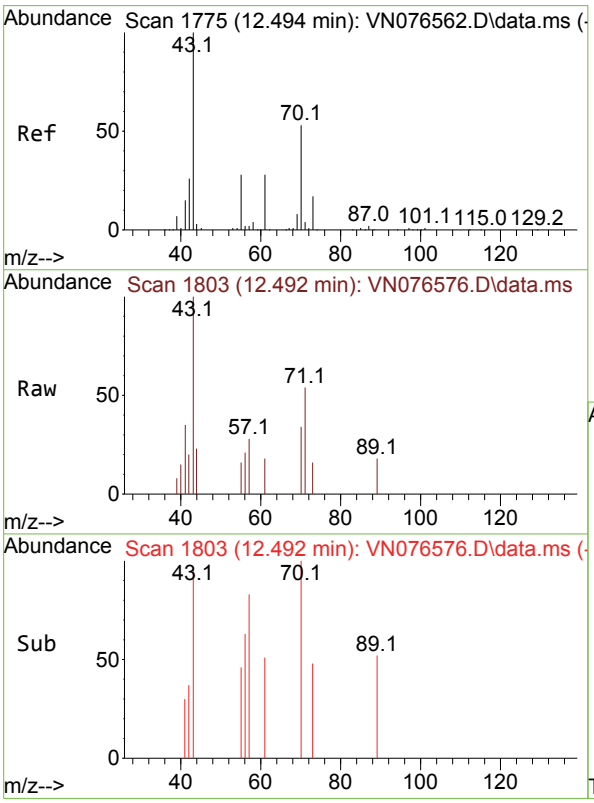
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.792 min Scan# 2
Delta R.T. -0.002 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion:152 Resp: 338821

Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.8	92.3
150	156.4	0.0	348.8

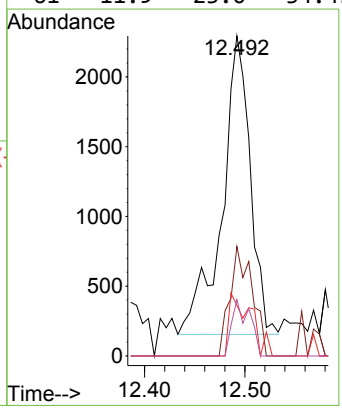


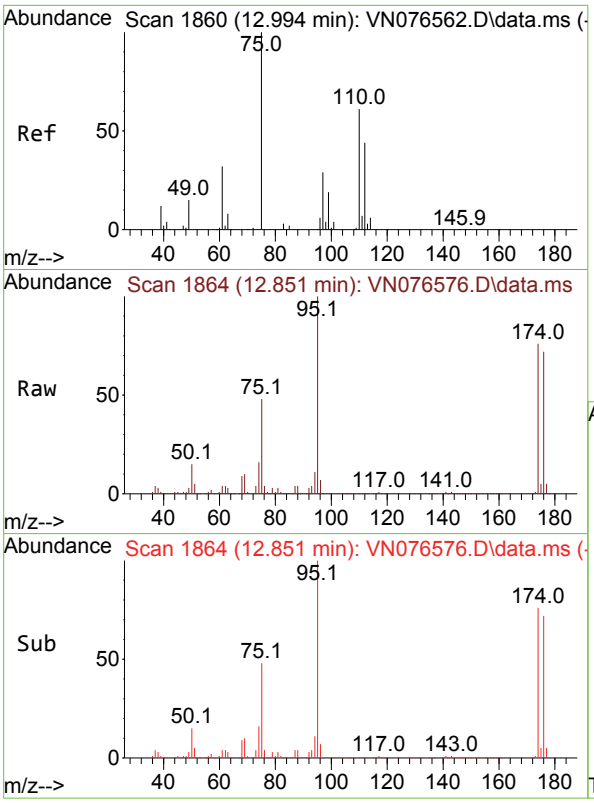


#74
N-amyl acetate
Concen: 0.537 ug/l
RT: 12.492 min Scan# 1803
Delta R.T. -0.002 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion: 43 Resp: 4158

Ion	Ratio	Lower	Upper
43	100		
70	29.1	43.1	64.7#
55	16.5	22.4	33.6#
61	11.9	23.0	34.4#



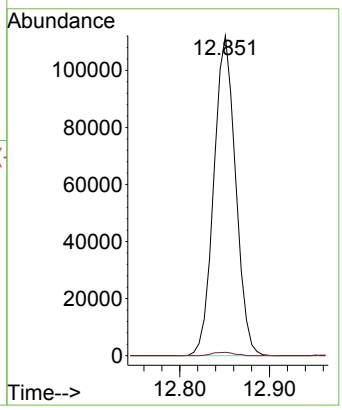


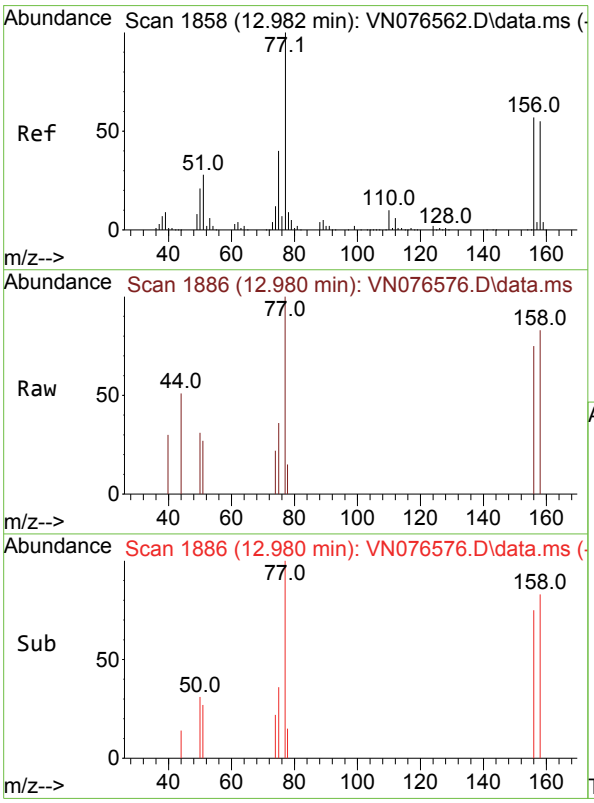
#76
1,2,3-Trichloropropane
Concen: 29.856 ug/l
RT: 12.851 min Scan# 1
Delta R.T. -0.143 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion: 75 Resp: 188734

Ion	Ratio	Lower	Upper
75	100		
77	1.1	87.5	262.5#

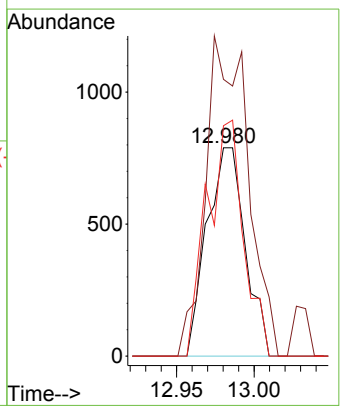


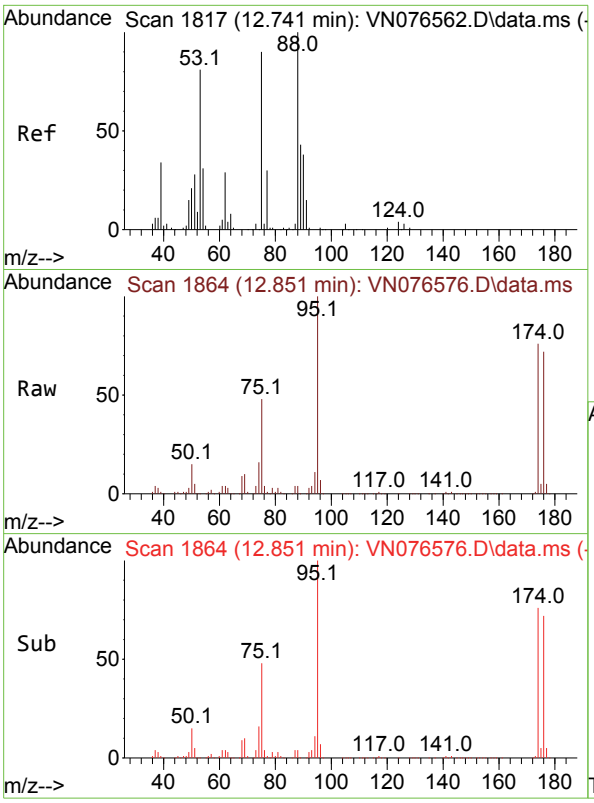


#77
Bromobenzene
Concen: 0.210 ug/l
RT: 12.980 min Scan# 1886
Delta R.T. -0.002 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion:156 Resp: 1354

Ion	Ratio	Lower	Upper
156	100		
77	169.4	101.6	304.9
158	107.5	48.9	146.7



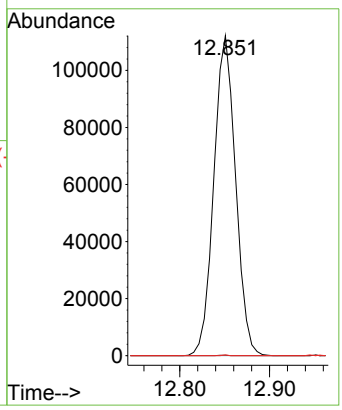


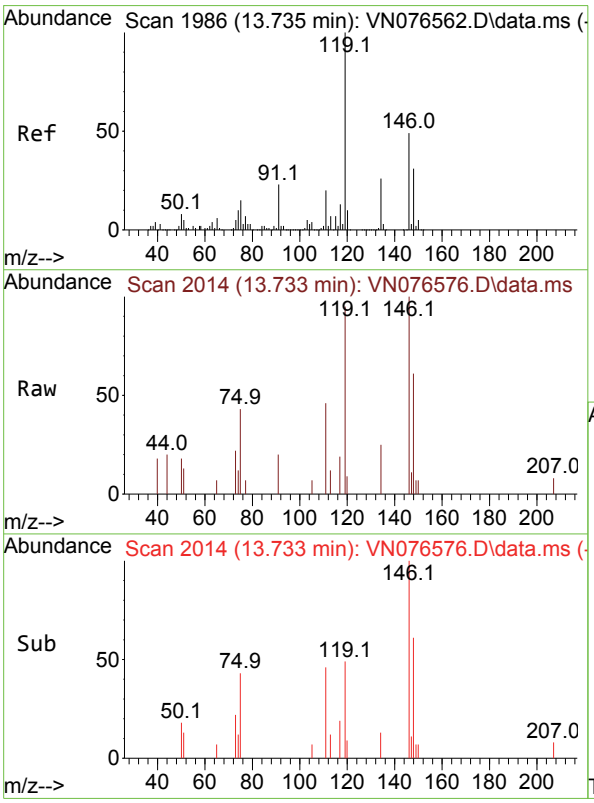
#81
trans-1,4-Dichloro-2-butene
Concen: 91.676 ug/l
RT: 12.851 min Scan# 1
Delta R.T. 0.110 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion: 75 Resp: 188734

Ion	Ratio	Lower	Upper
75	100		
53	0.1	77.1	115.7#
89	0.0	41.5	62.3#

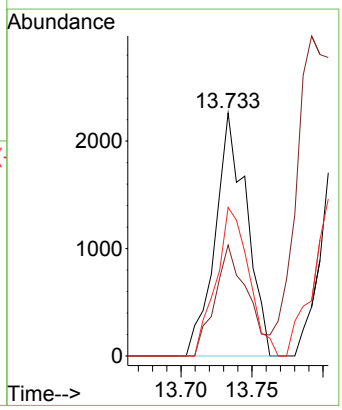


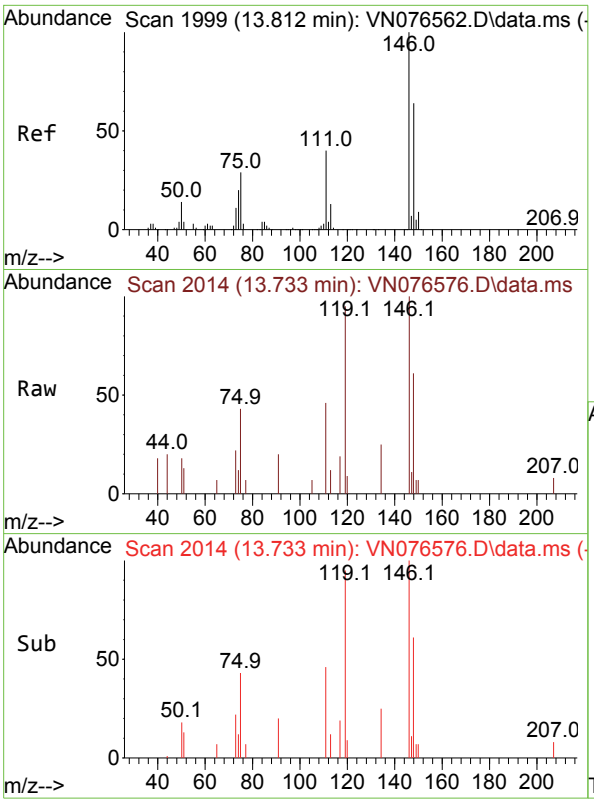


#87
1,3-Dichlorobenzene
Concen: 0.293 ug/l
RT: 13.733 min Scan# 2014
Delta R.T. -0.002 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion:146 Resp: 3476

Ion	Ratio	Lower	Upper
146	100		
111	47.8	20.3	61.0
148	63.6	31.5	94.5



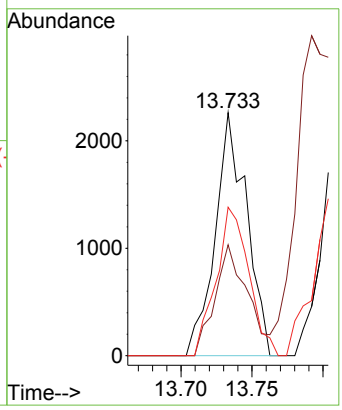


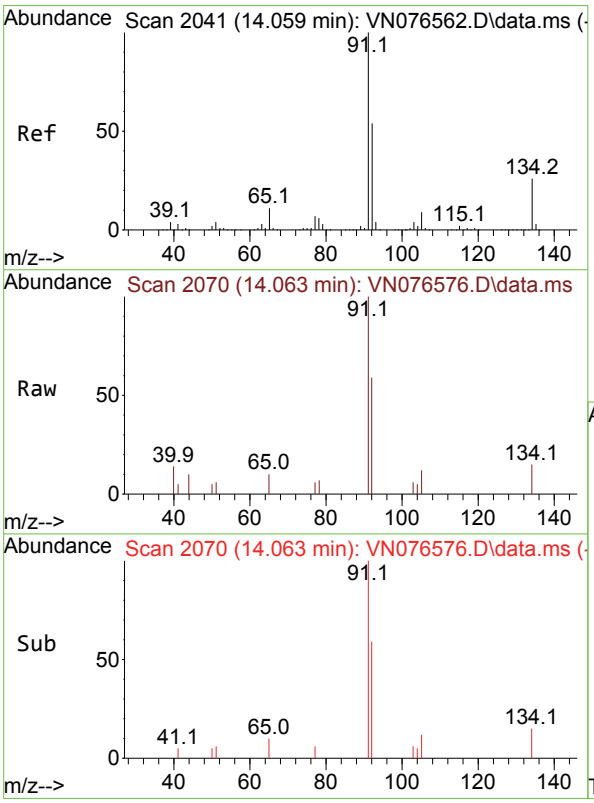
#88
1,4-Dichlorobenzene
Concen: 0.288 ug/l
RT: 13.733 min Scan# 2
Delta R.T. -0.079 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion:146 Resp: 3476

Ion	Ratio	Lower	Upper
146	100		
111	47.8	19.8	59.4
148	63.6	31.6	94.8

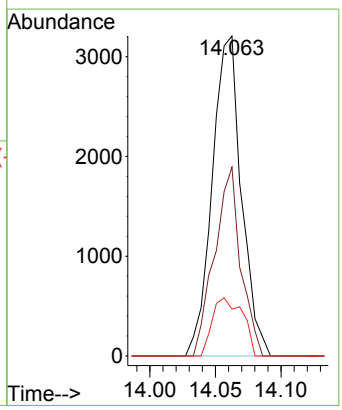


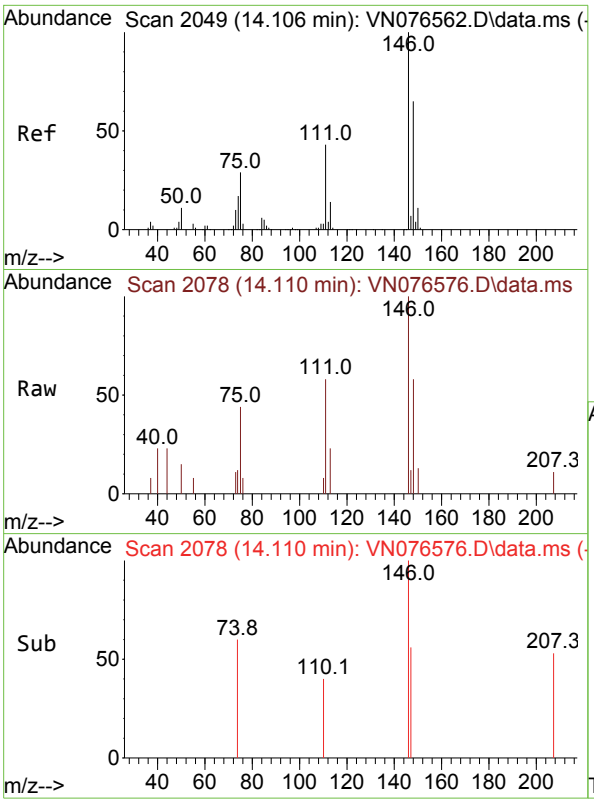


#89
n-Butylbenzene
Concen: 0.275 ug/l
RT: 14.063 min Scan# 2070
Delta R.T. 0.004 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion: 91 Resp: 4960

Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.0	80.8
134	18.9	13.1	39.3



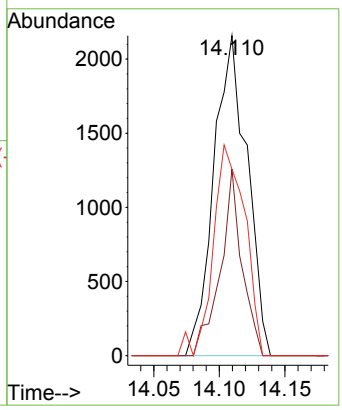


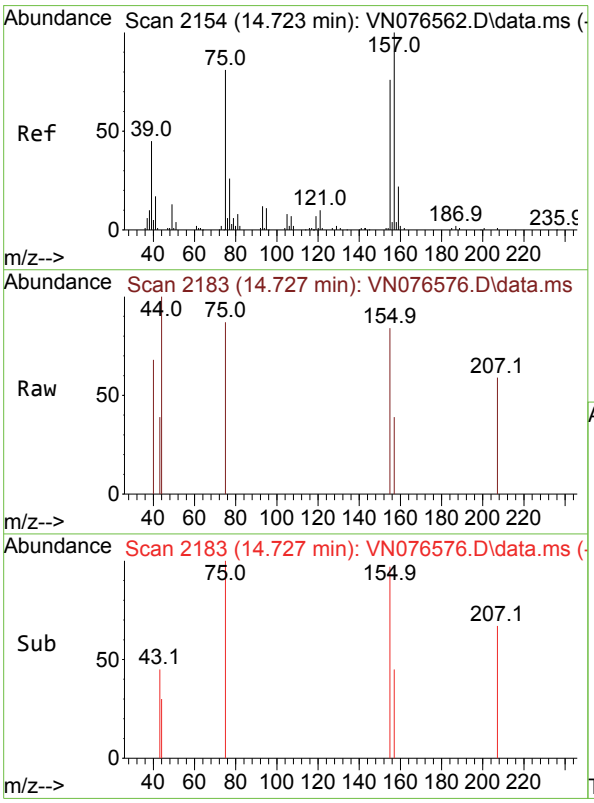
#91
1,2-Dichlorobenzene
Concen: 0.325 ug/l
RT: 14.110 min Scan# 2
Delta R.T. 0.004 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion:146 Resp: 3803

Ion	Ratio	Lower	Upper
146	100		
111	37.9	21.4	64.3
148	62.8	31.9	95.9

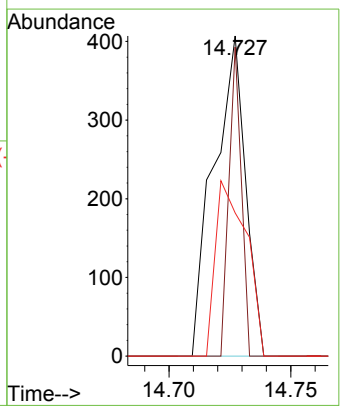


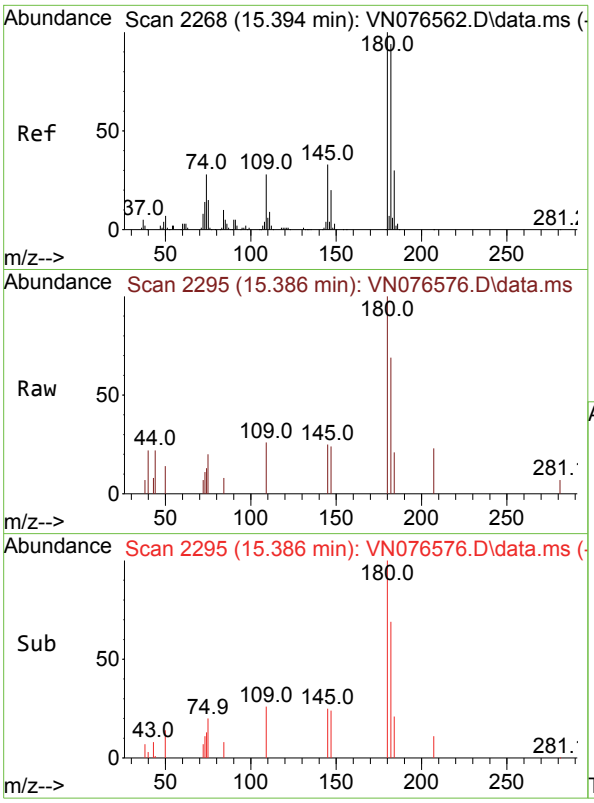


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.280 ug/l
RT: 14.727 min Scan# 2183
Delta R.T. 0.004 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion: 75 Resp: 369

Ion	Ratio	Lower	Upper
75	100		
155	37.7	44.8	134.4#
157	53.1	58.4	175.1#



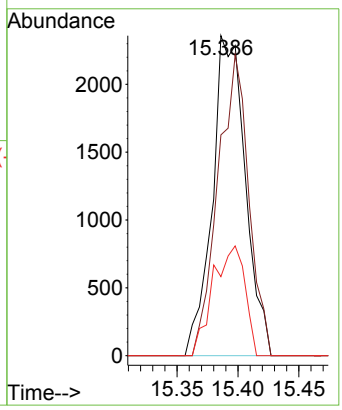


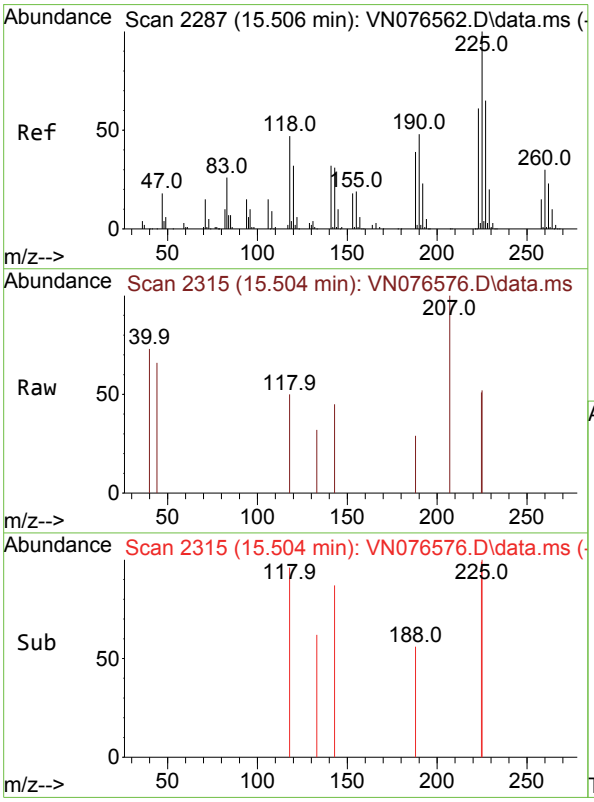
#93
1,2,4-Trichlorobenzene
Concen: 0.830 ug/l
RT: 15.386 min Scan# 2
Delta R.T. -0.008 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion:180 Resp: 4454

Ion	Ratio	Lower	Upper
180	100		
182	87.7	47.4	142.2
145	33.1	16.3	48.8

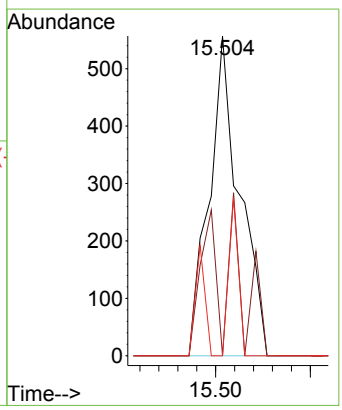


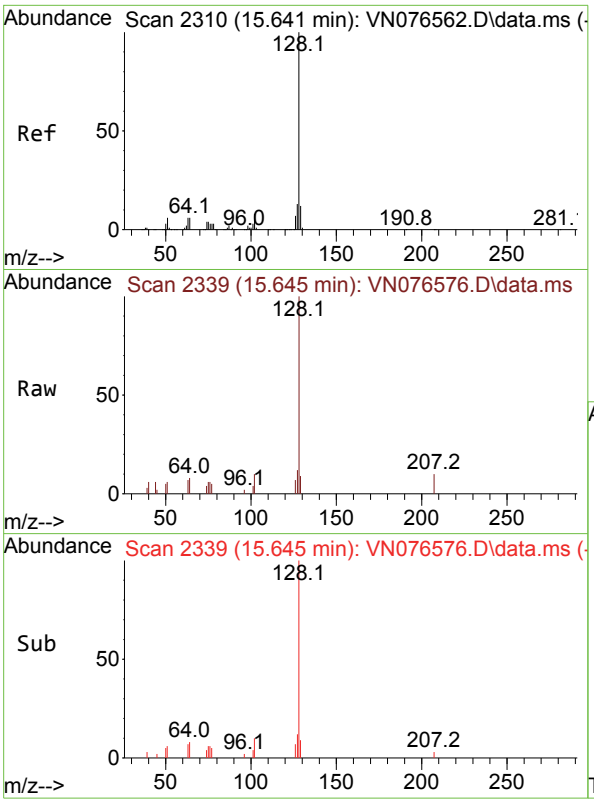


#94
Hexachlorobutadiene
Concen: 0.206 ug/l
RT: 15.504 min Scan# 2315
Delta R.T. -0.002 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion:225 Resp: 621

Ion	Ratio	Lower	Upper
225	100		
223	23.3	31.2	93.6#
227	15.6	31.8	95.3#



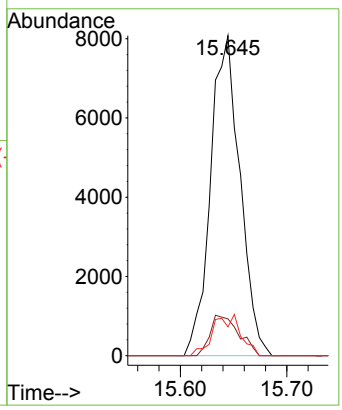


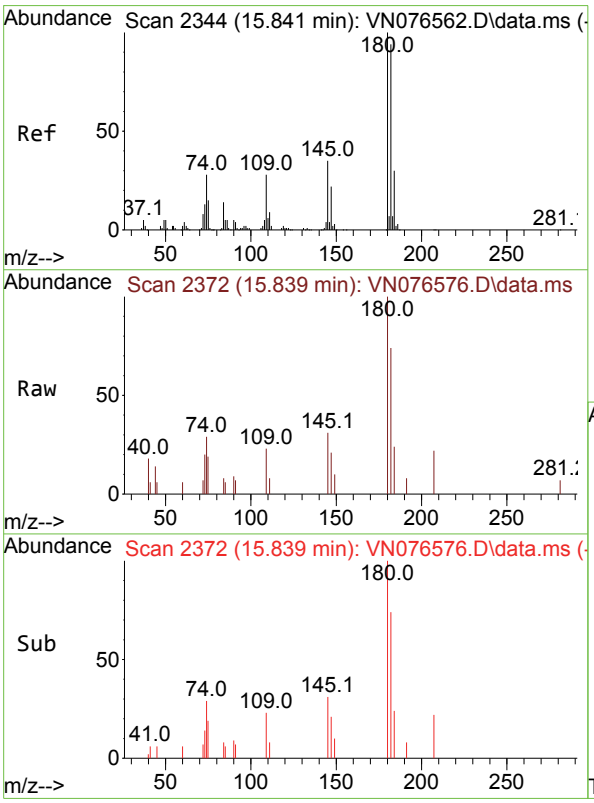
#95
Naphthalene
Concen: 0.994 ug/l
RT: 15.645 min Scan# 2
Delta R.T. 0.004 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
JPP-22-020223

Tgt Ion:128 Resp: 15524

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	12.1	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.923 ug/l
RT: 15.839 min Scan# 2372
Delta R.T. -0.002 min
Lab File: VN076576.D
Acq: 08 Feb 2023 13:46

Tgt Ion:180 Resp: 4742

Ion	Ratio	Lower	Upper
180	100		
182	88.4	47.4	142.2
145	30.9	17.2	51.5