Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102820\
Data File : VN064357.D
Acq On : 28 Oct 2020 17:08
Operator : JC/MD
Sample : L4526-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VNJ-225

Quant Time: Oct 29 02:43:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	236105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	411782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166278	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	186165	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.14%			
35) Dibromofluoromethane	7.55	113	140250	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.70%			
50) Toluene-d8	10.06	98	511801	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.34%			
62) 4-Bromofluorobenzene	12.38	95	217449	54.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.26%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.74	59	172	0.312	ug/l #	70
13) Acrolein	3.58	56	31	17.920	ug/l #	10
16) Acetone	3.78	43	31661	17.649	ug/l	97
18) Methyl Acetate	4.28	43	2701	0.948	ug/l	98
20) Methylene Chloride	4.51	84	7847	2.916	ug/l #	75
25) 2-Butanone	6.78	43	566	0.297	ug/l	95
29) Tetrahydrofuran	7.16	42	635	0.513	ug/l #	66
31) Cyclohexane	7.62	56	5118	1.162	ug/l #	10
36) 1,1-Dichloropropene	7.62	75	19567	4.641	ug/l #	48
38) Carbon Tetrachloride	7.62	117	25779	5.274	ug/l #	17
43) Isopropyl Acetate	8.13	43	70253	9.651	ug/l #	90
48) Methyl methacrylate	9.14	41	2632	0.701	ug/l #	16
49) 1,4-Dioxane	9.24	88	31	0.560	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	6551	1.548	ug/l	88
54) cis-1,3-Dichloropropene	9.87	75	30566	5.764	ug/l #	63
57) 1,3-Dichloropropane	10.74	76	2744	0.550	ug/l #	44
59) 2-Hexanone	10.74	43	45402	14.568	ug/l #	52
76) 1,2,3-Trichloropropane	12.38	75	117603	29.534	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	117603	85.074	ug/l #	8
95) Naphthalene	15.11	128	586	2.452	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	63	2.202	ug/l #	14

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102820\
Data File : VN064357.D
Acq On : 28 Oct 2020 17:08
Operator : JC/MD
Sample : L4526-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VNJ-225

Quant Time: Oct 29 02:43:41 2020
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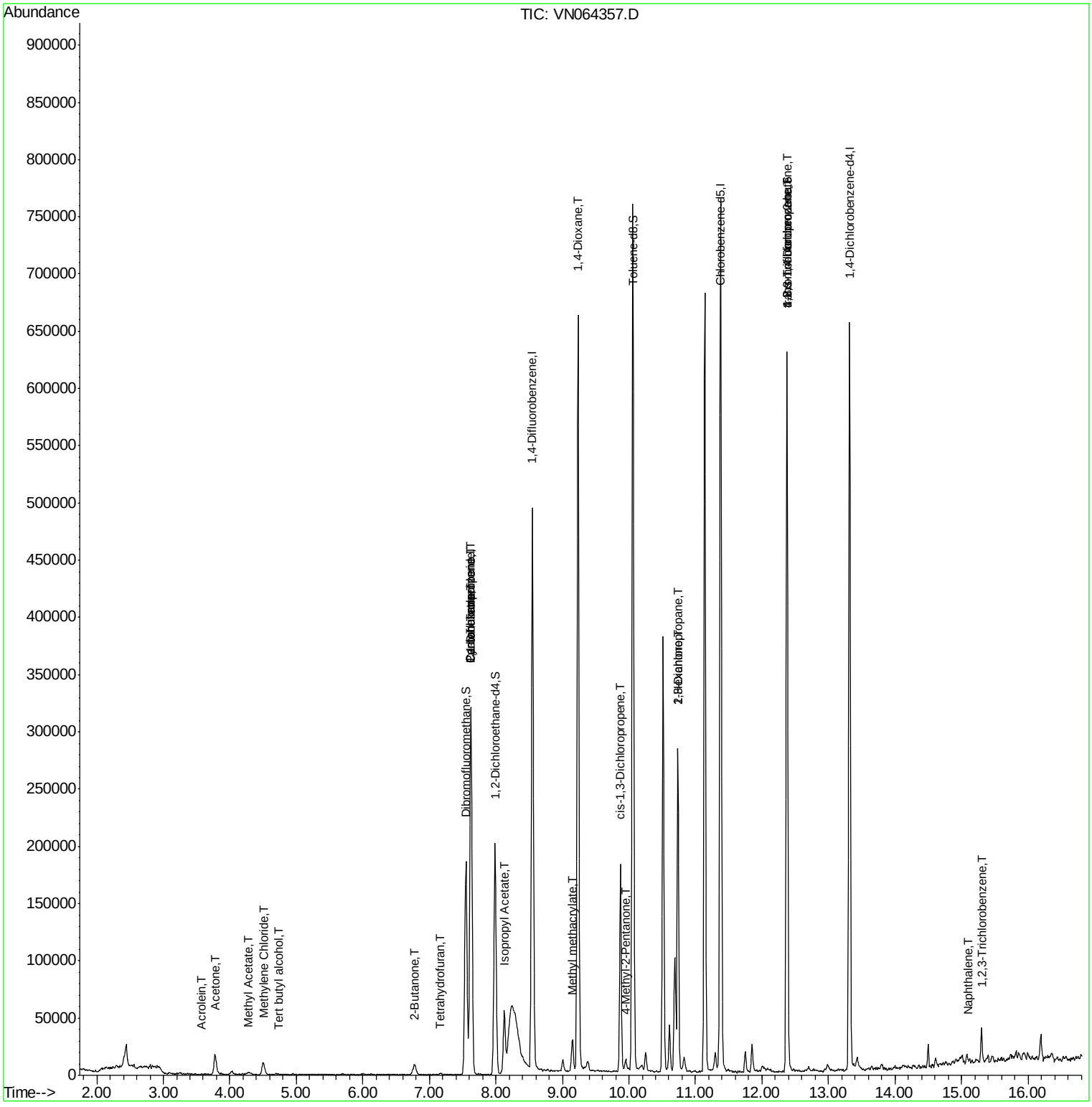
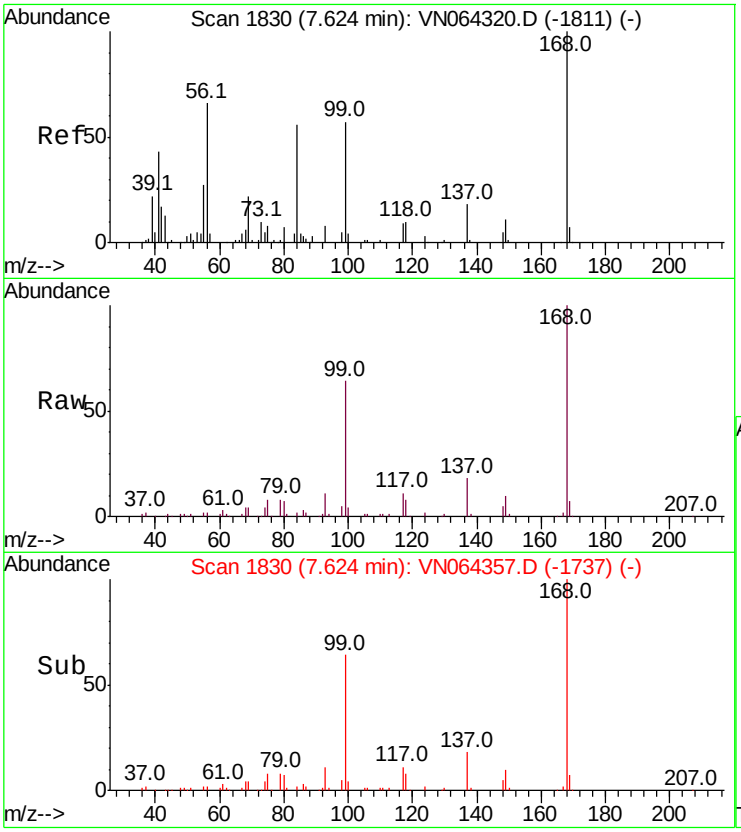
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration



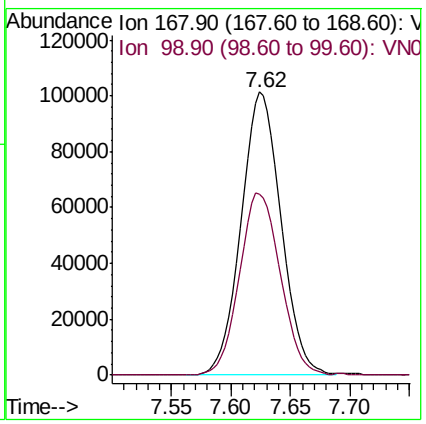


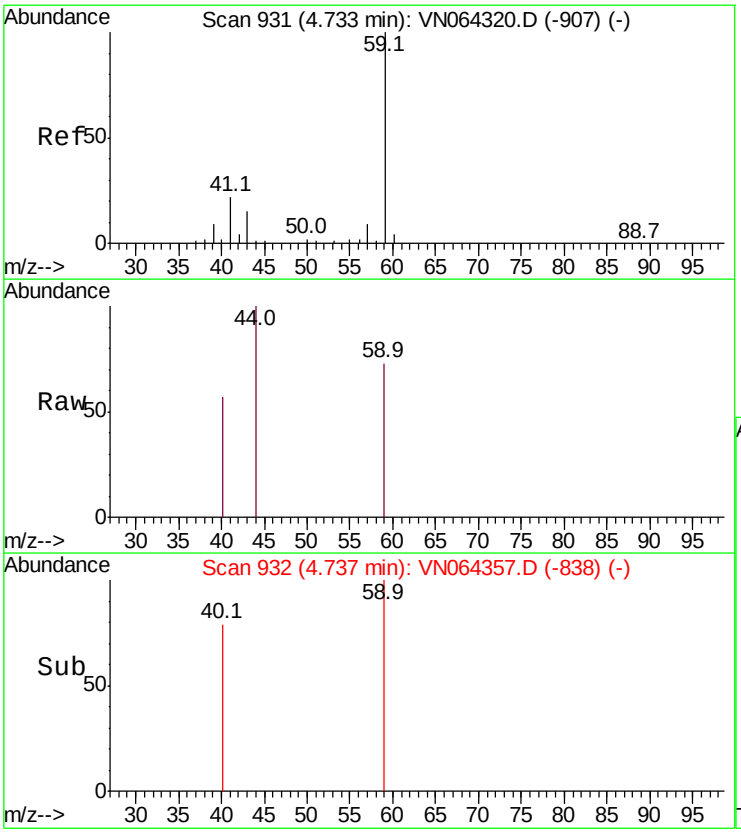
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Instrument :
MSVOA_N
ClientSampleId :
VNJ-225

Tgt Ion:168 Resp: 236105

Ion	Ratio	Lower	Upper
168	100		
99	64.0	52.7	79.1

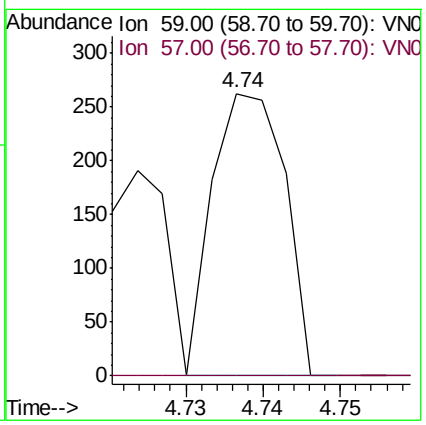


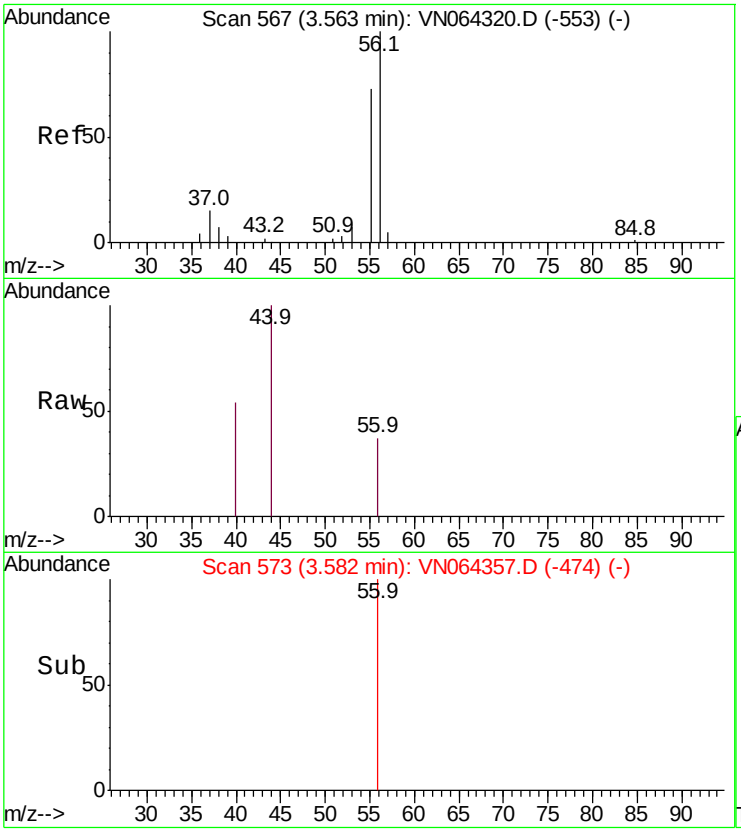


#11
Tert butyl alcohol
Concen: 0.312 ug/l
RT: 4.74 min Scan# 932
Delta R.T. 0.00 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Tgt Ion: 59 Resp: 172

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.4	14.0#



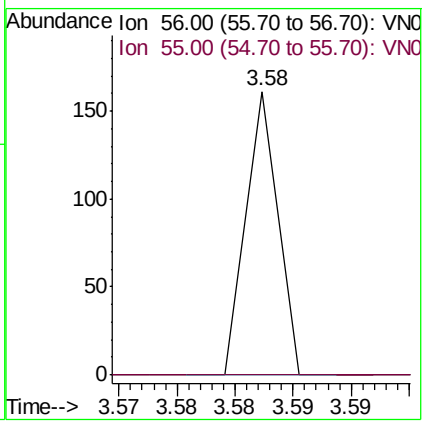


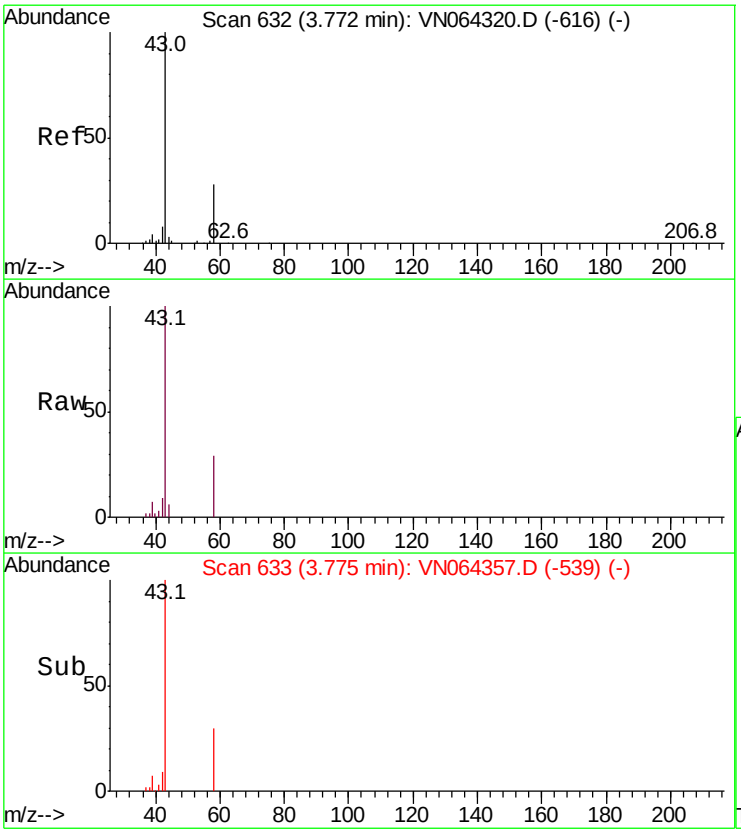
#13
Acrolein
Concen: 17.920 ug/l
RT: 3.58 min Scan# 573
Delta R.T. 0.02 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Instrument :
MSVOA_N
ClientSampleId :
VNJ-225

Tgt Ion: 56 Resp: 31

Ion	Ratio	Lower	Upper
56	100		
55	0.0	62.6	94.0#

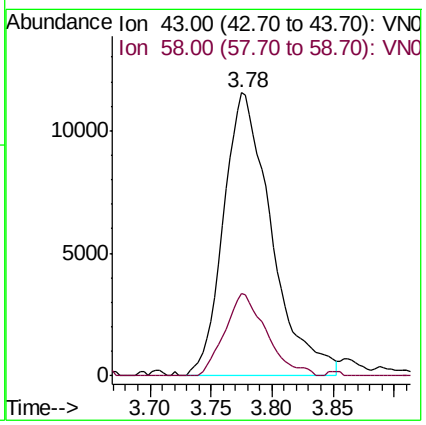


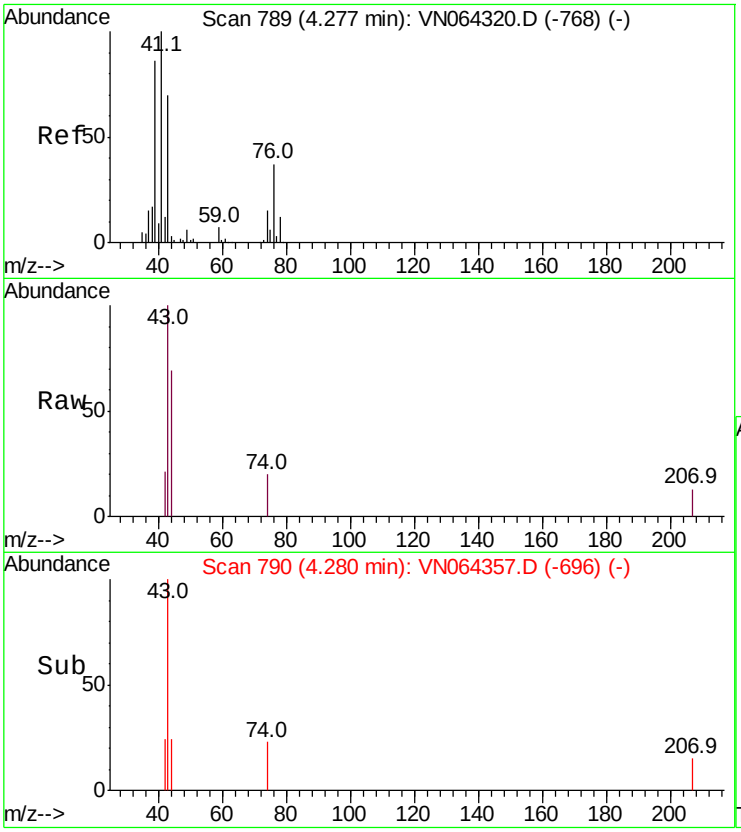


#16
Acetone
Concen: 17.649 ug/l
RT: 3.78 min Scan# 633
Delta R.T. 0.00 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Tgt Ion: 43 Resp: 31661

Ion	Ratio	Lower	Upper
43	100		
58	29.0	22.1	33.1



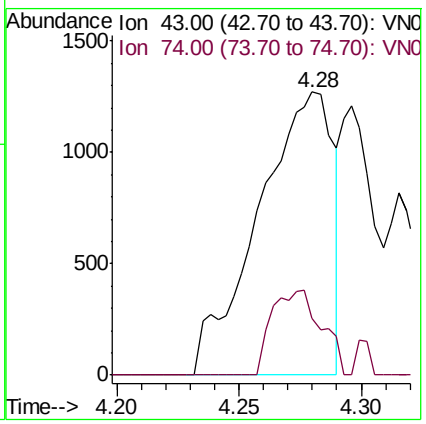


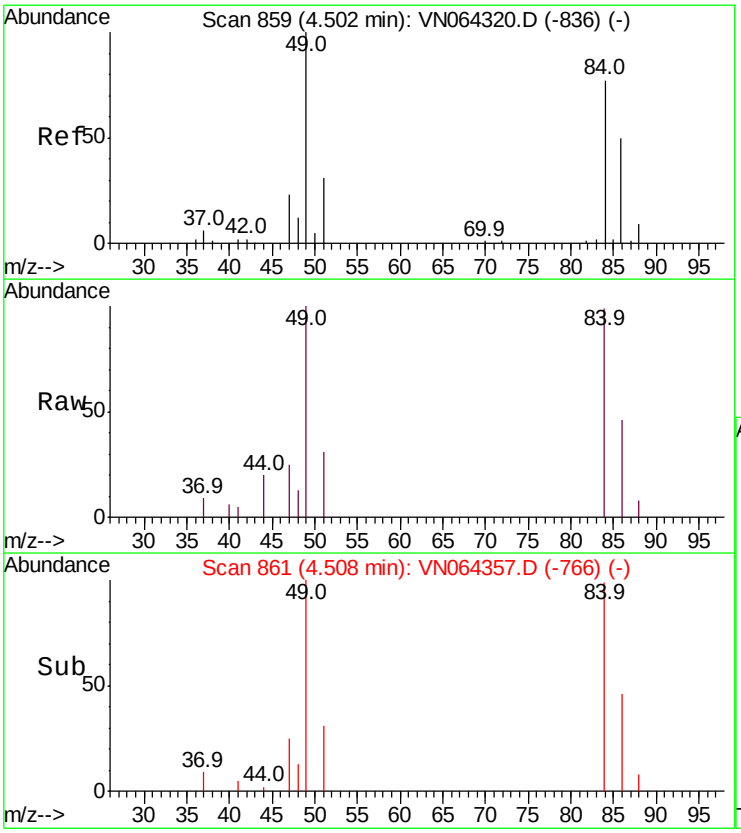
#18
Methyl Acetate
Concen: 0.948 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Instrument :
MSVOA_N
ClientSampleId :
VNJ-225

Tgt Ion: 43 Resp: 2701

Ion	Ratio	Lower	Upper
43	100		
74	20.0	16.7	25.1

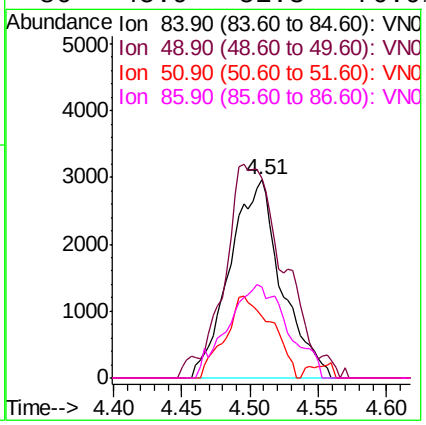


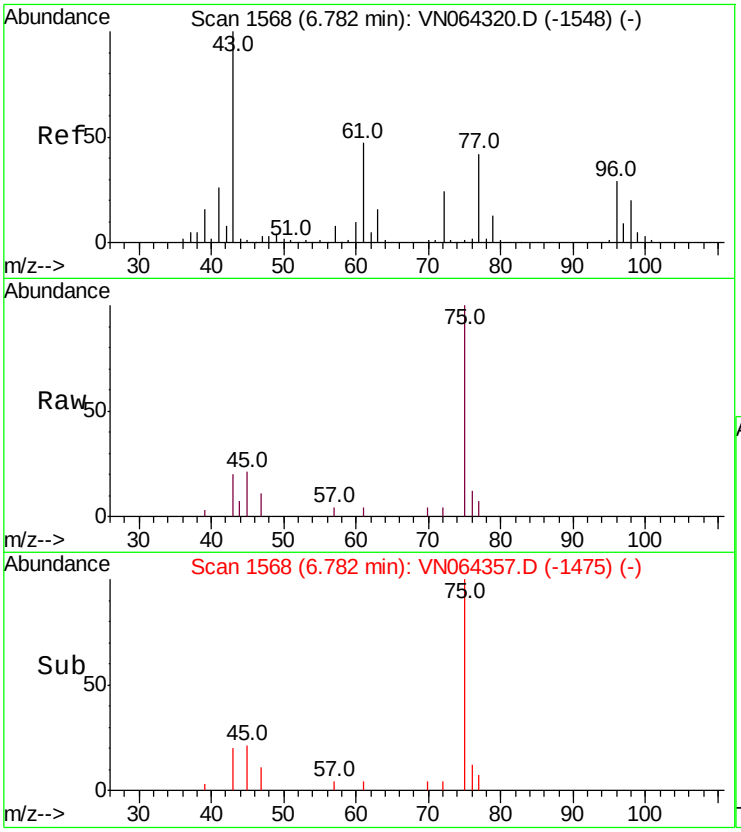


#20
Methylene Chloride
Concen: 2.916 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Tgt Ion: 84 Resp: 7847

Ion	Ratio	Lower	Upper
84	100		
49	95.3	103.6	155.4#
51	30.8	31.8	47.8#
86	45.9	51.3	76.9#



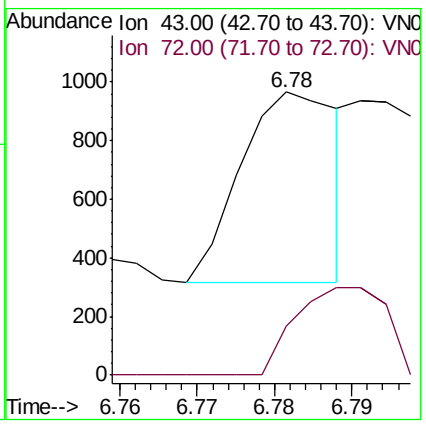


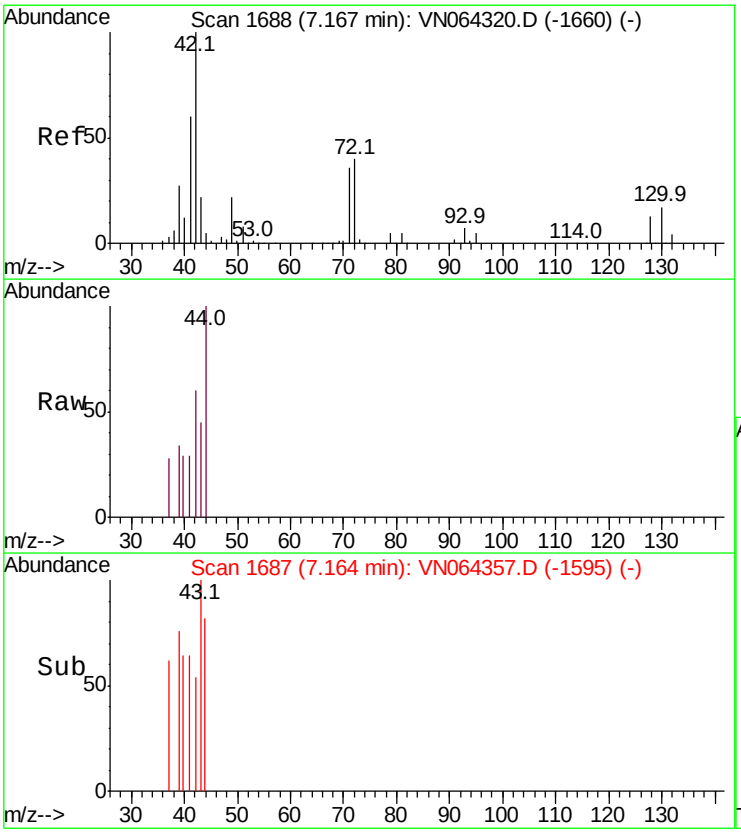
#25
2-Butanone
Concen: 0.297 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Instrument :
MSVOA_N
ClientSampleId :
VNJ-225

Tgt Ion: 43 Resp: 566

Ion	Ratio	Lower	Upper
43	100		
72	26.0	18.8	28.2

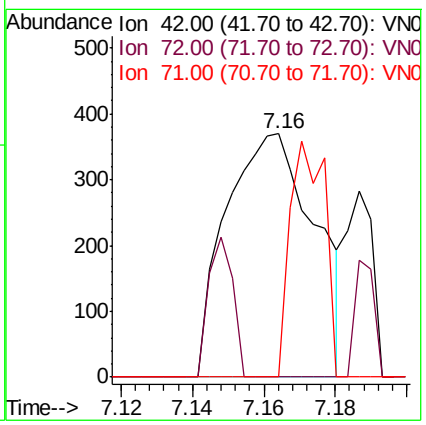


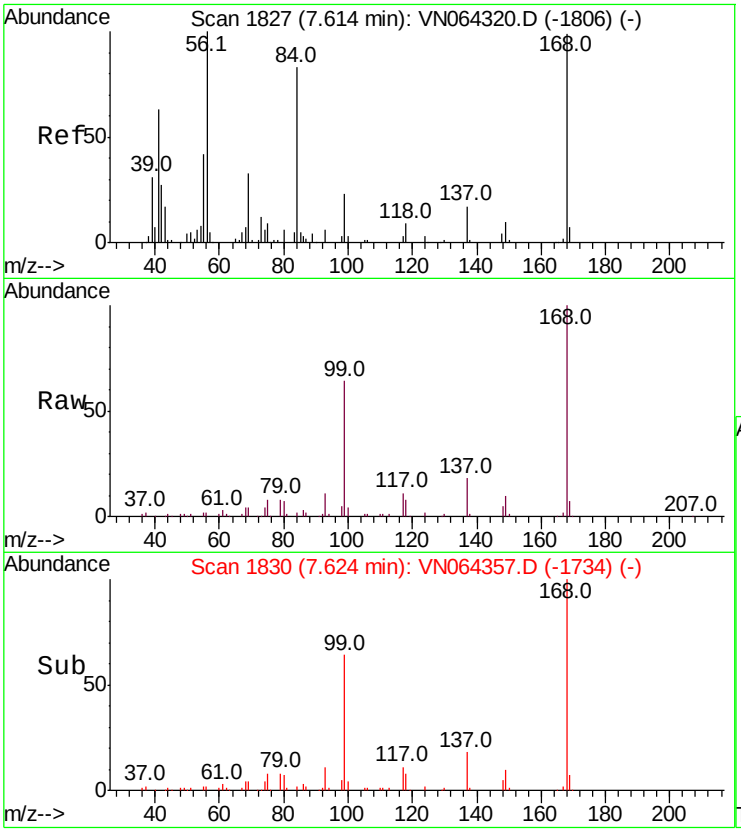


#29
Tetrahydrofuran
Concen: 0.513 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Tgt Ion: 42 Resp: 635

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.6	47.4#
71	37.8	29.4	44.0



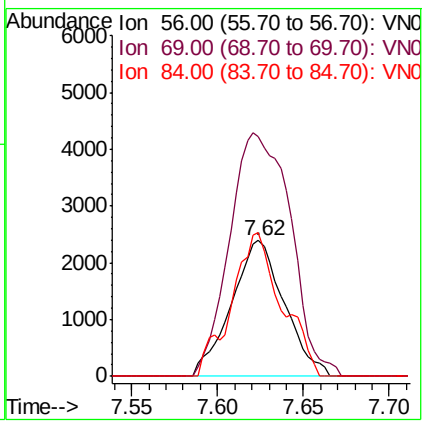


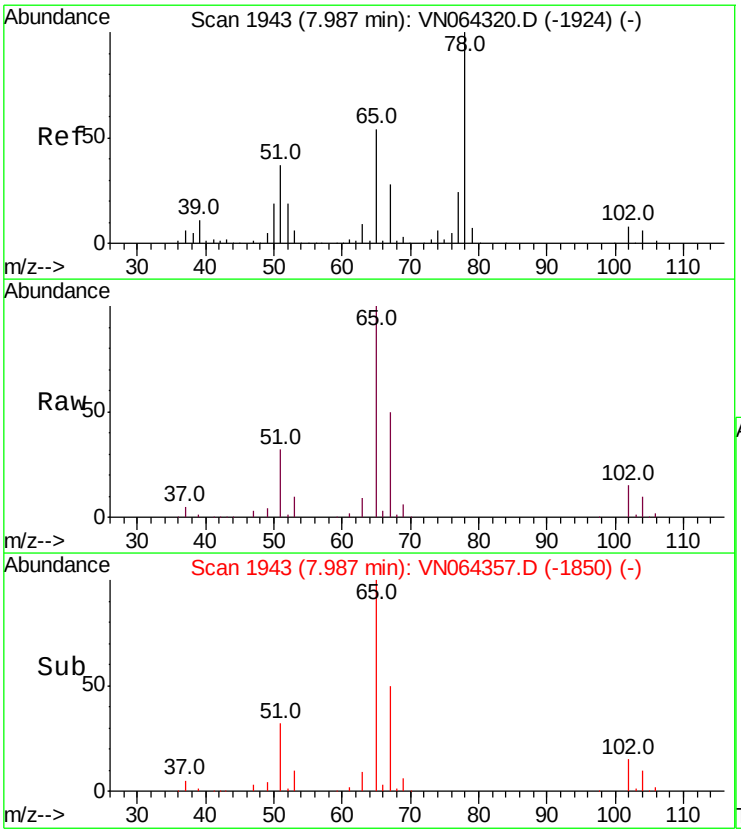
#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Instrument : MSVOA_N
ClientSampleId : VNJ-225

Tgt Ion: 56 Resp: 5118

Ion	Ratio	Lower	Upper
56	100		
69	176.0	25.8	38.8#
84	105.7	66.3	99.5#

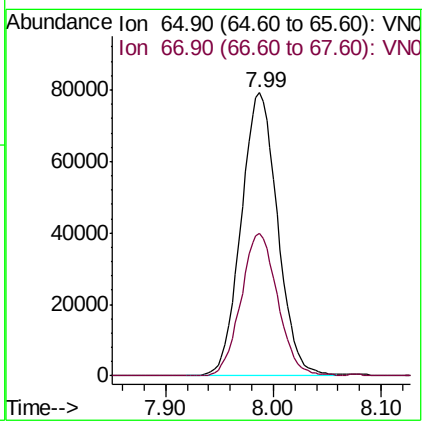


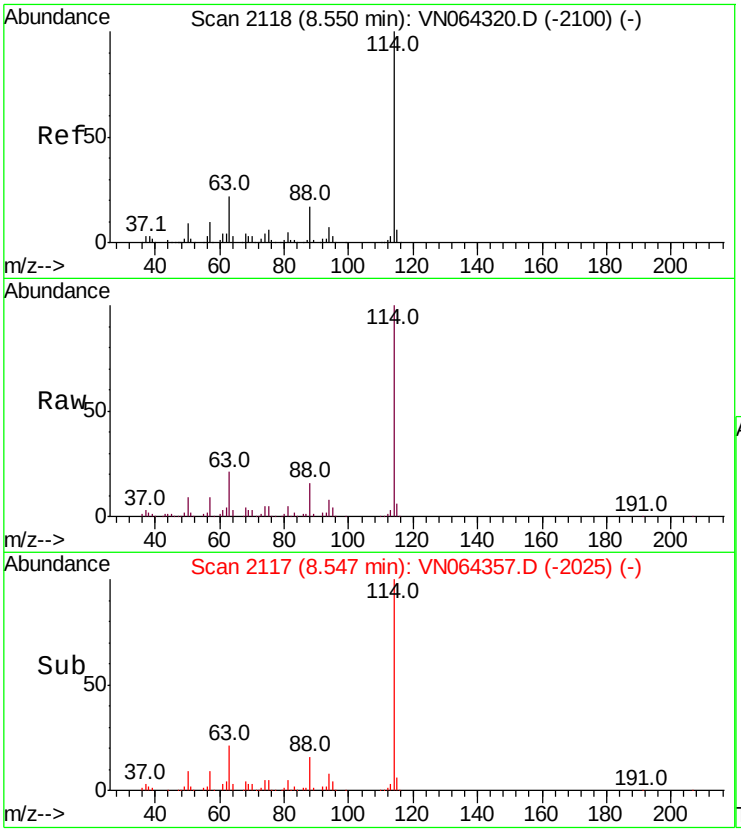


#33
1,2-Dichloroethane-d4
Concen: 49.066 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Tgt Ion: 65 Resp: 186165

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	99.2



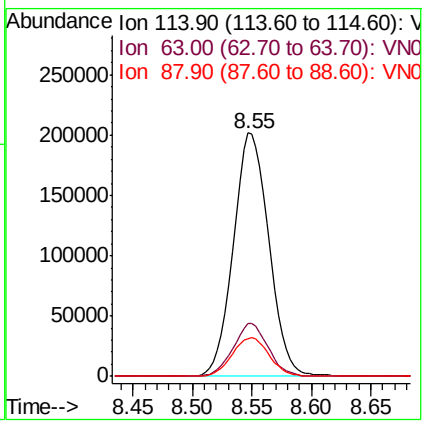


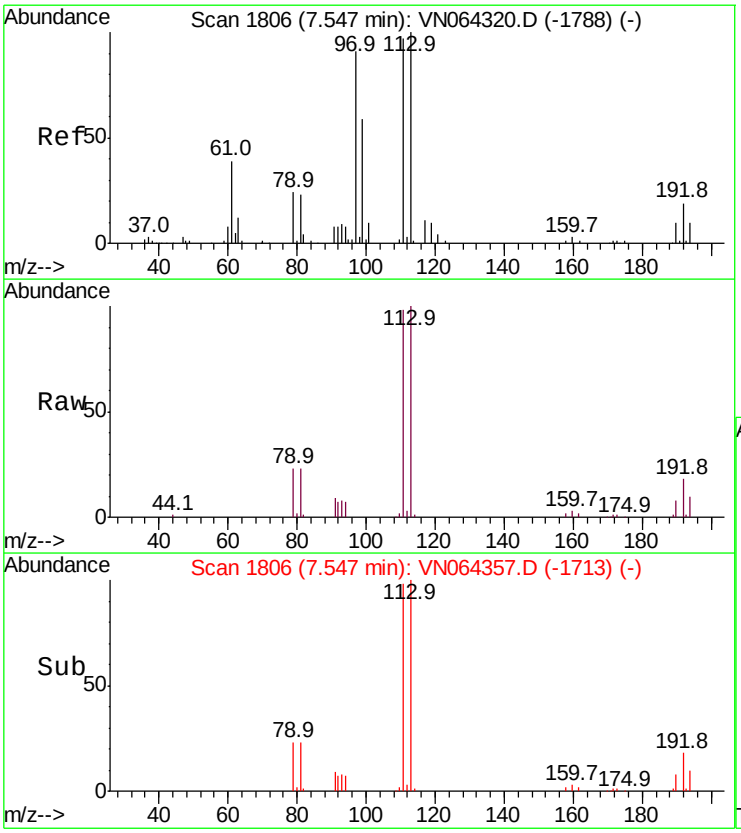
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2117
Delta R.T. -0.00 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Instrument :
MSVOA_N
ClientSampleId :
VNJ-225

Tgt Ion:114 Resp: 417733

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.6
88	15.6	0.0	33.4

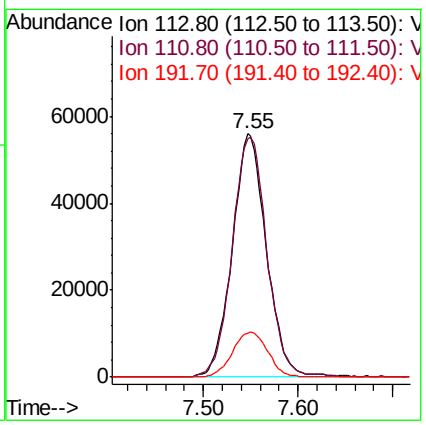


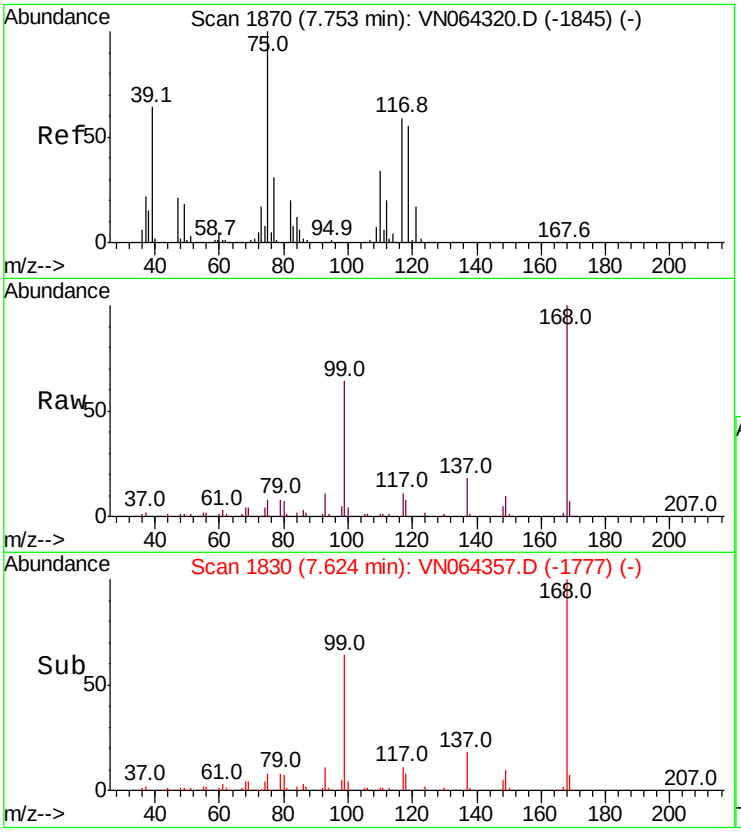


#35
Dibromofluoromethane
Concen: 50.345 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Tgt Ion:113 Resp: 140250

Ion	Ratio	Lower	Upper
113	100		
111	99.8	81.5	122.3
192	19.2	15.0	22.4



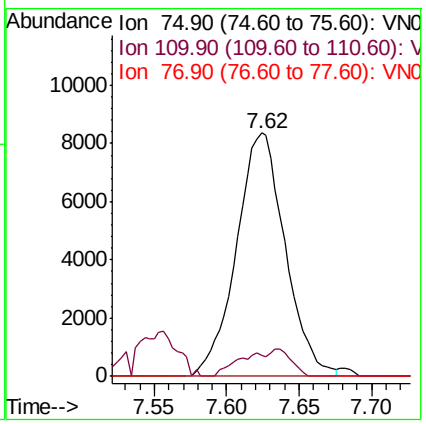


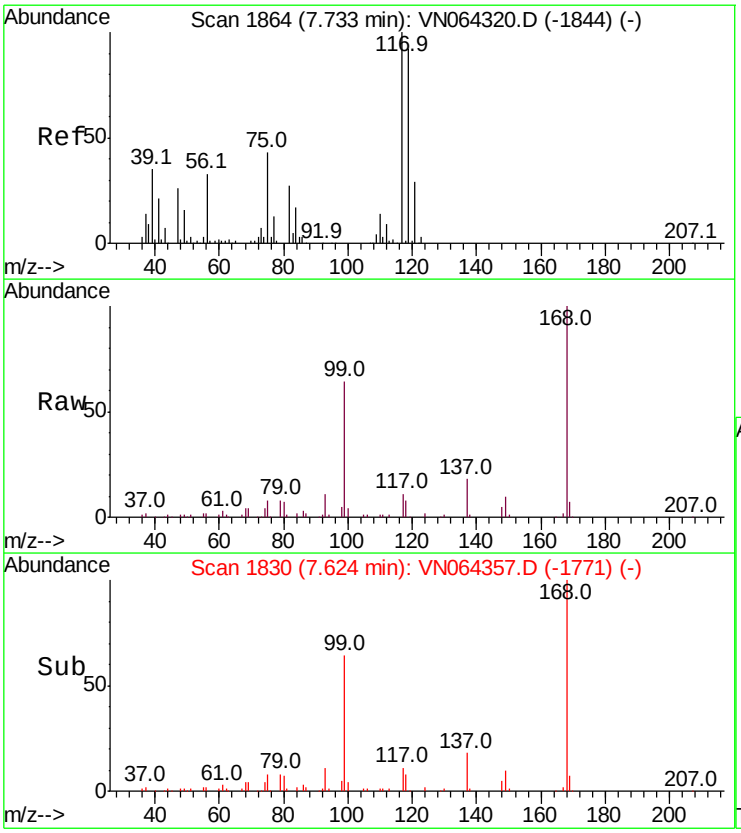
#36
1,1-Dichloropropene
Concen: 4.641 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Instrument :
MSVOA_N
ClientSampleId :
VNJ-225

Tgt Ion: 75 Resp: 19567

Ion	Ratio	Lower	Upper
75	100		
110	6.0	16.8	50.3#
77	0.0	24.2	36.4#

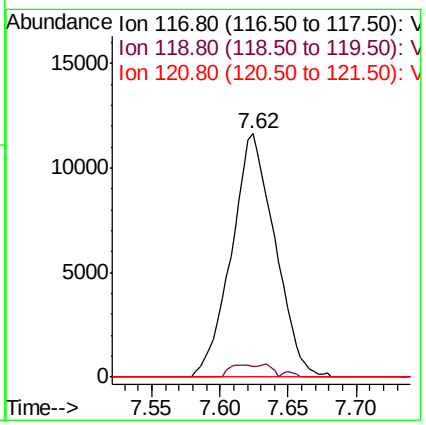


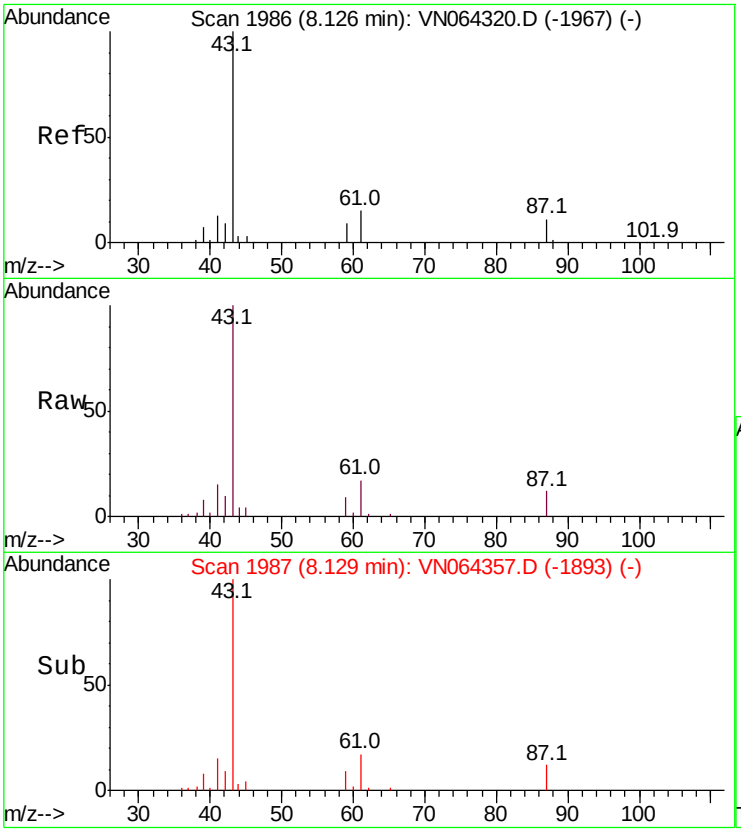


#38
Carbon Tetrachloride
Concen: 5.274 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Tgt Ion:117 Resp: 25779

Ion	Ratio	Lower	Upper
117	100		
119	4.2	73.7	110.5#
121	0.0	22.8	34.2#



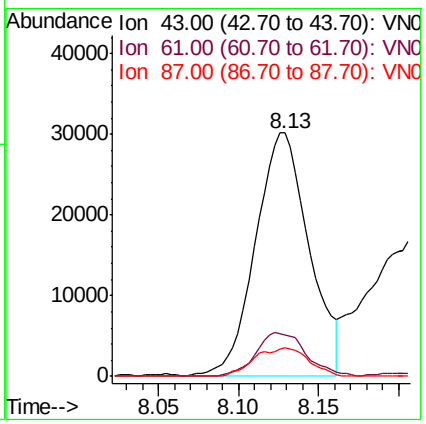


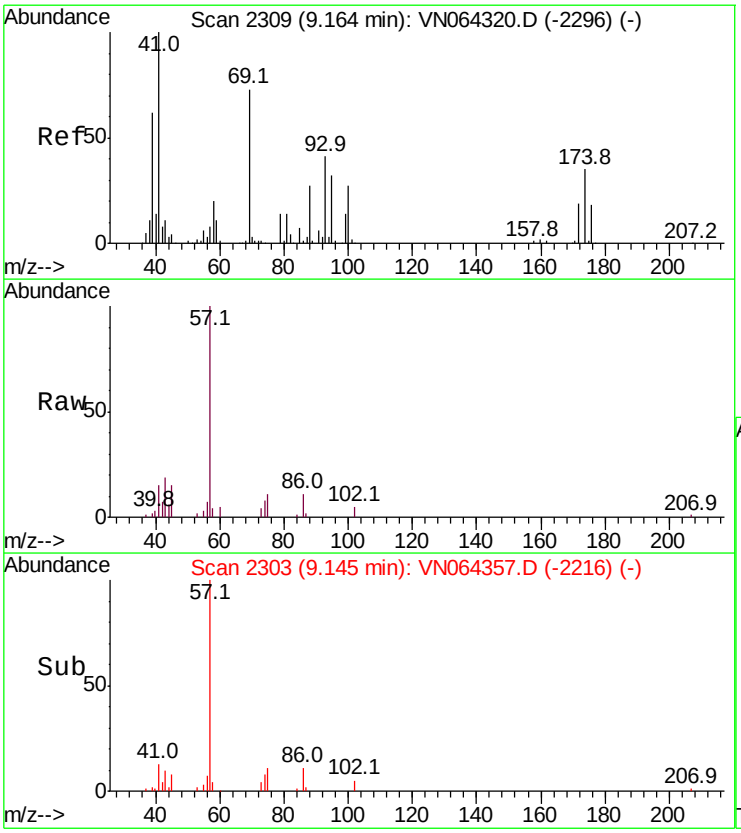
#43
Isopropyl Acetate
Concen: 9.651 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Instrument : MSVOA_N
ClientSampleId : VNJ-225

Tgt Ion: 43 Resp: 70253

Ion	Ratio	Lower	Upper
43	100		
61	16.7	19.1	28.7#
87	11.8	9.3	13.9

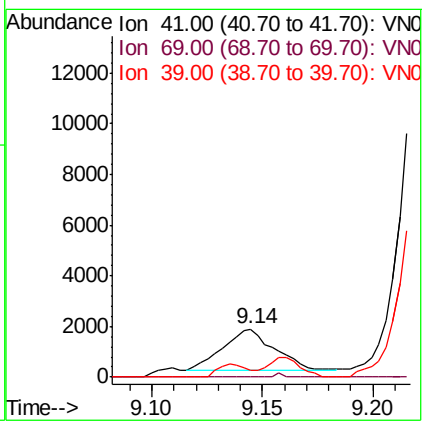


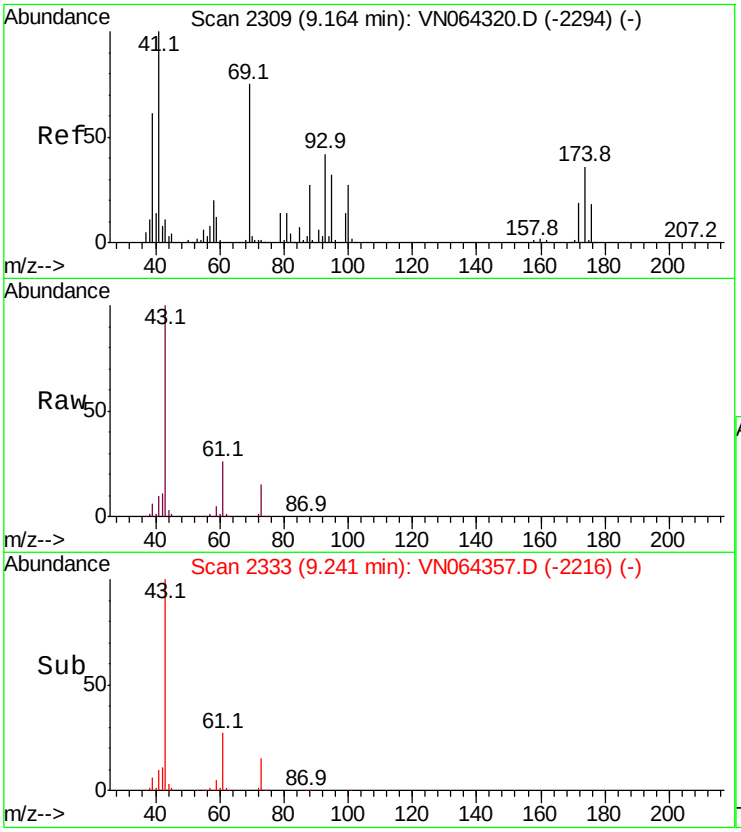


#48
Methyl methacrylate
Concen: 0.701 ug/l
RT: 9.14 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Tgt Ion: 41 Resp: 2632

Ion	Ratio	Lower	Upper
41	100		
69	1.3	59.1	88.7#
39	0.0	51.3	76.9#



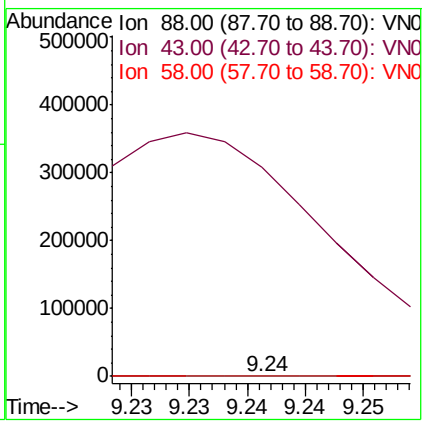


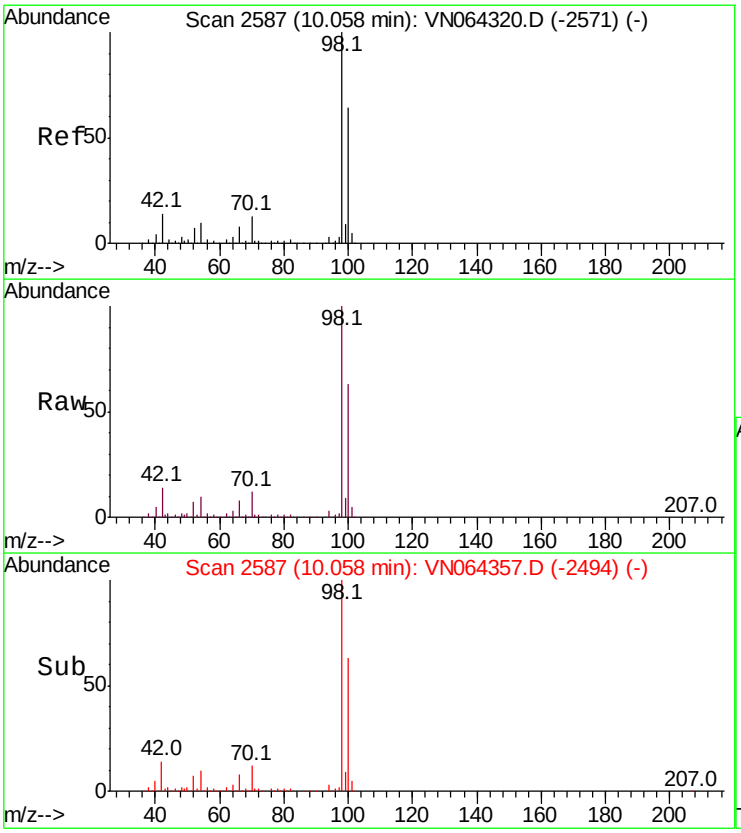
#49
1,4-Dioxane
Concen: 0.560 ug/l
RT: 9.24 min Scan# 2333
Delta R.T. 0.08 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Instrument : MSVOA_N
ClientSampleId : VNJ-225

Tgt Ion: 88 Resp: 31

Ion	Ratio	Lower	Upper
88	100		
43	2105667.7	31.8	47.8#
58	8364.5	60.3	90.5#

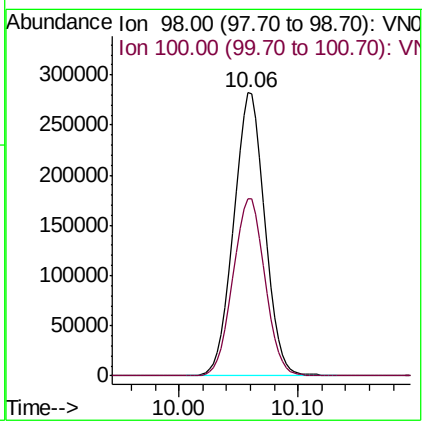


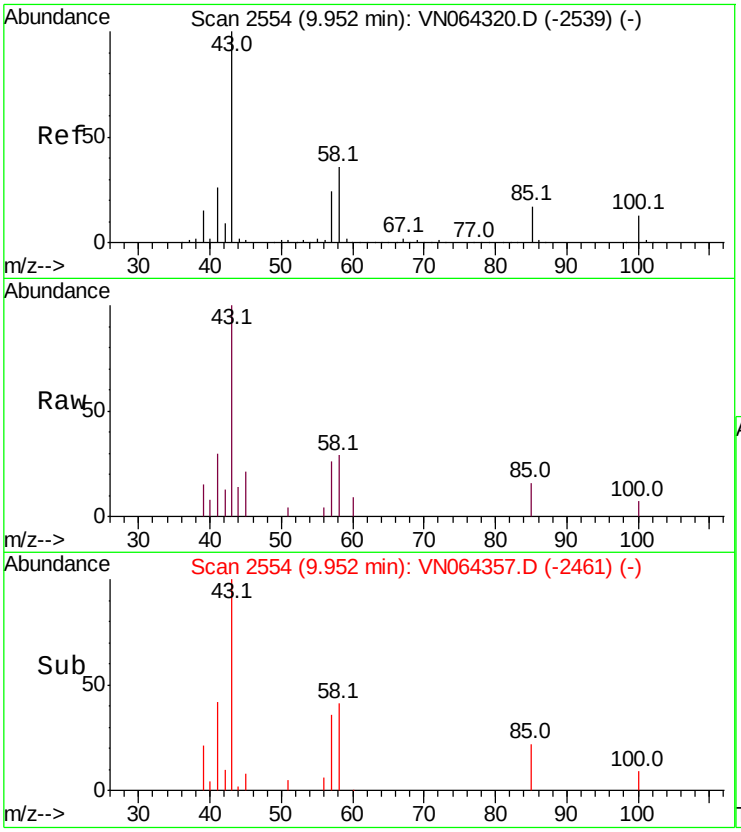


#50
Toluene-d8
Concen: 49.669 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Tgt Ion: 98 Resp: 511801

Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.9	76.3



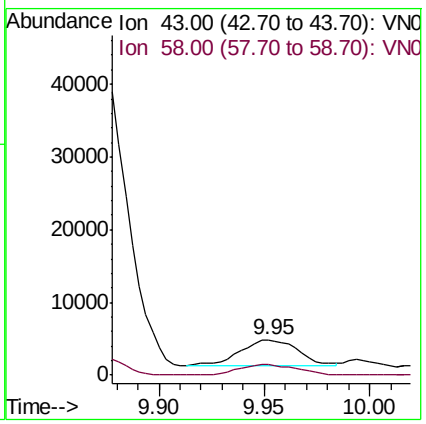


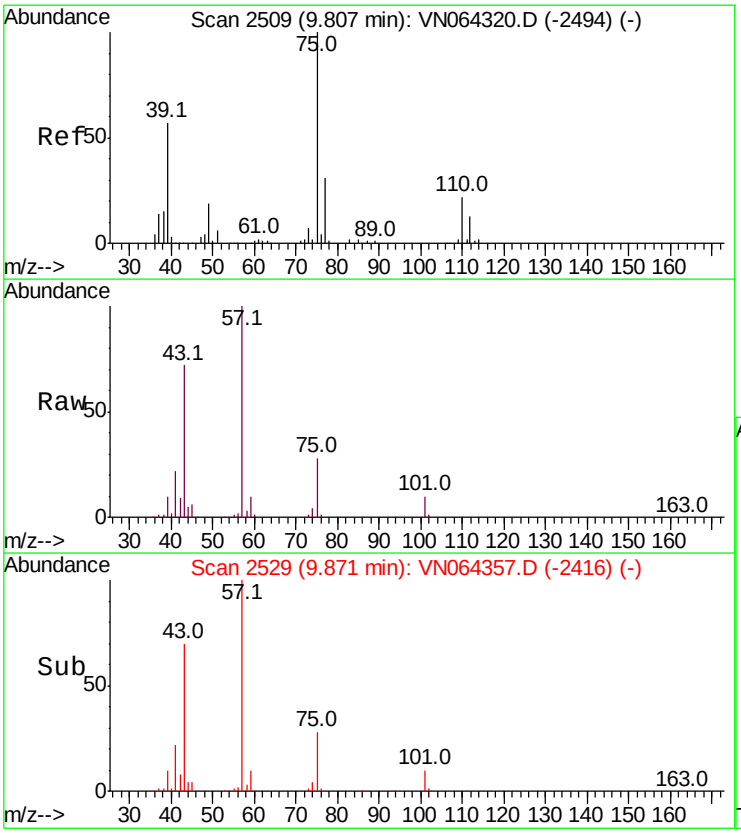
#51
4-Methyl-2-Pentanone
Concen: 1.548 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Instrument : MSVOA_N
ClientSampleId : VNJ-225

Tgt Ion: 43 Resp: 6551

Ion	Ratio	Lower	Upper
43	100		
58	42.7	28.6	42.8

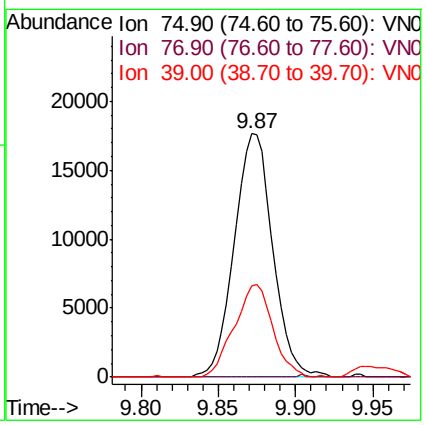


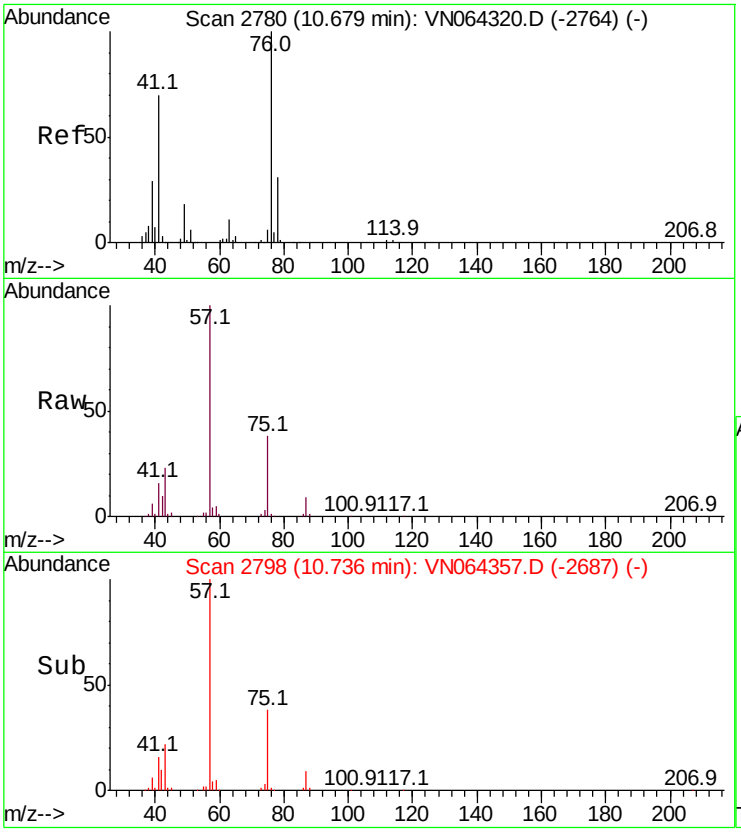


#54
cis-1,3-Dichloropropene
Concen: 5.764 ug/l
RT: 9.87 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Tgt Ion: 75 Resp: 30566

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	37.4	45.5	68.3#



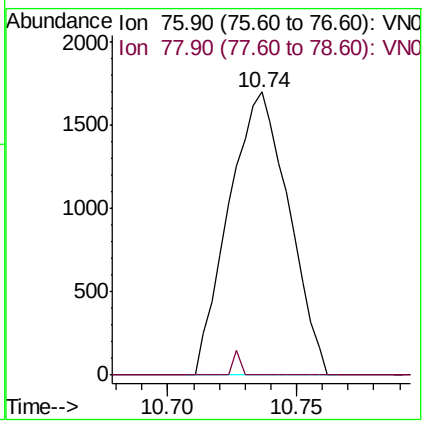


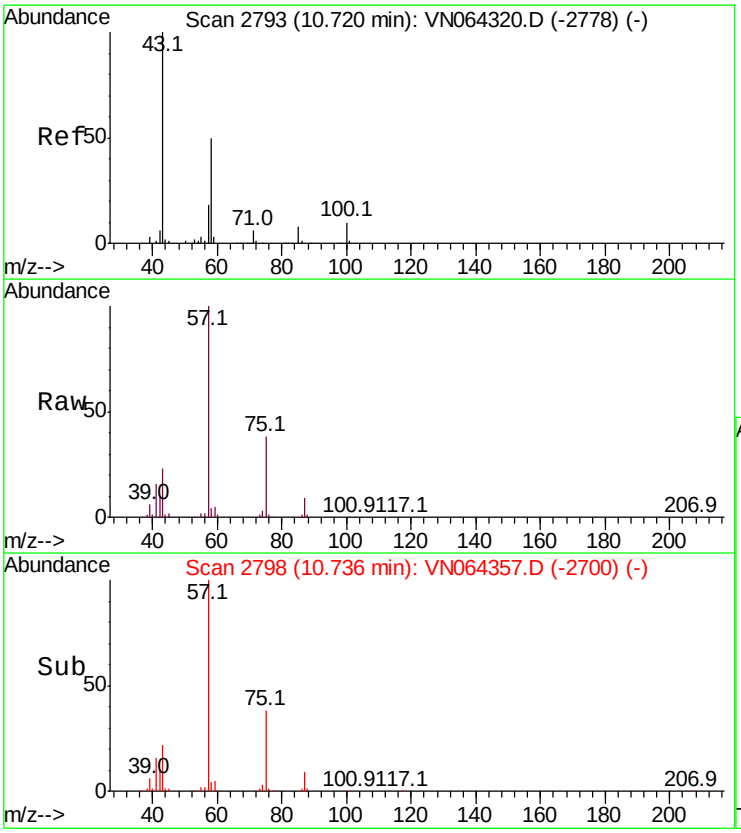
#57
1,3-Dichloropropane
Concen: 0.550 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.06 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Instrument : MSVOA_N
ClientSampleId : VNJ-225

Tgt Ion: 76 Resp: 2744

Ion	Ratio	Lower	Upper
76	100		
78	1.1	25.8	38.6#

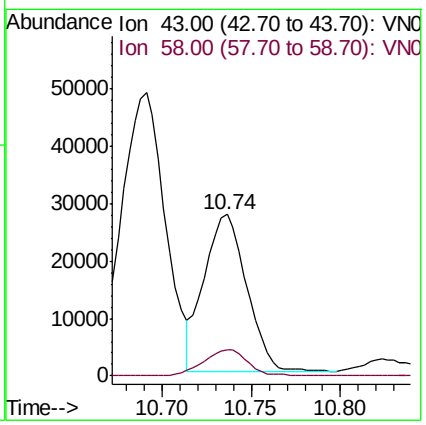


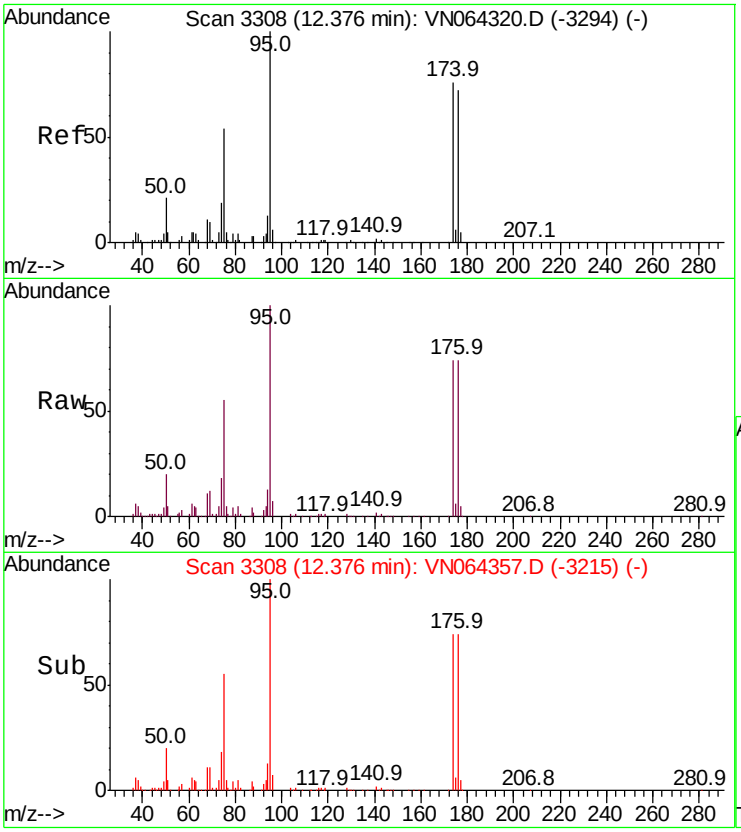


#59
2-Hexanone
Concen: 14.568 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Tgt Ion: 43 Resp: 45402

Ion	Ratio	Lower	Upper
43	100		
58	17.2	25.0	75.0#



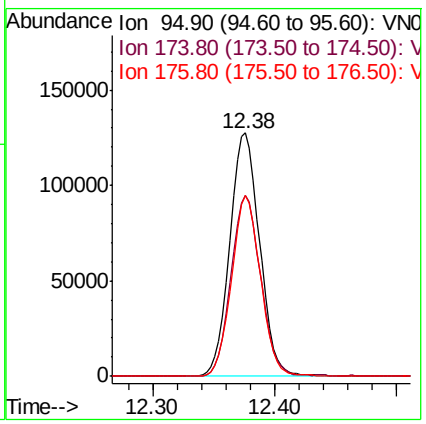


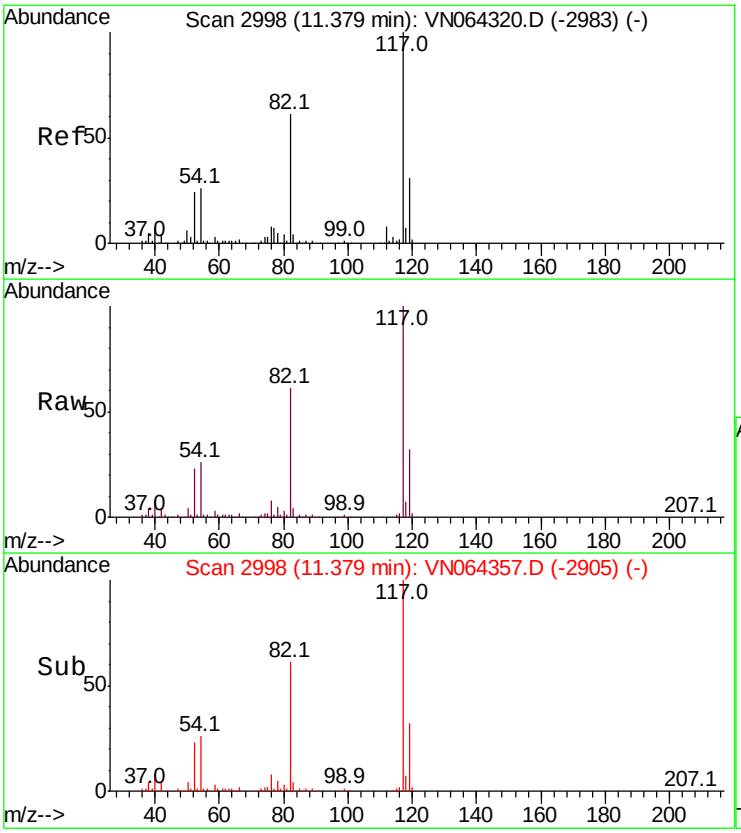
#62
4-Bromofluorobenzene
Concen: 54.125 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Instrument :
MSVOA_N
ClientSampleId :
VNJ-225

Tgt Ion: 95 Resp: 217449

Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	147.4
176	72.0	0.0	143.6

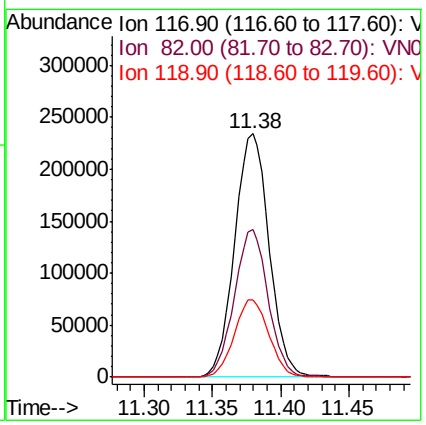


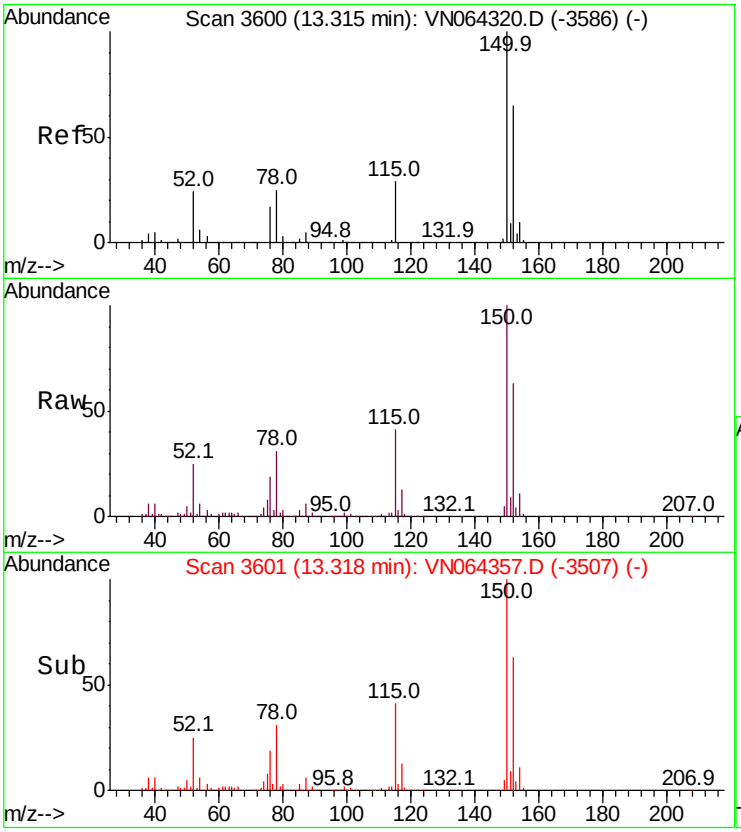


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Tgt Ion:117 Resp: 411782

Ion	Ratio	Lower	Upper
117	100		
82	60.6	48.8	73.2
119	31.8	25.1	37.7



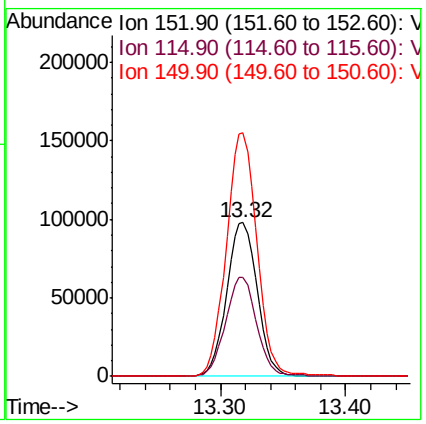


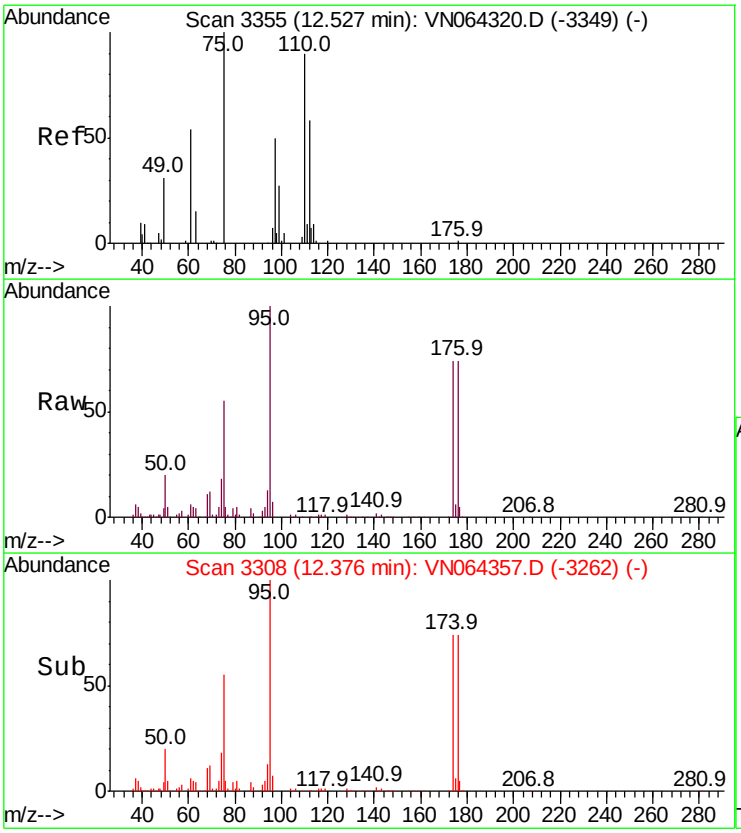
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Instrument :
MSVOA_N
ClientSampleId :
VNJ-225

Tgt Ion:152 Resp: 166278

Ion	Ratio	Lower	Upper
152	100		
115	65.4	31.5	94.5
150	157.7	0.0	346.2

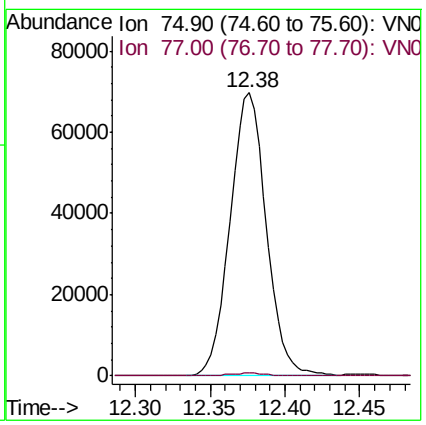


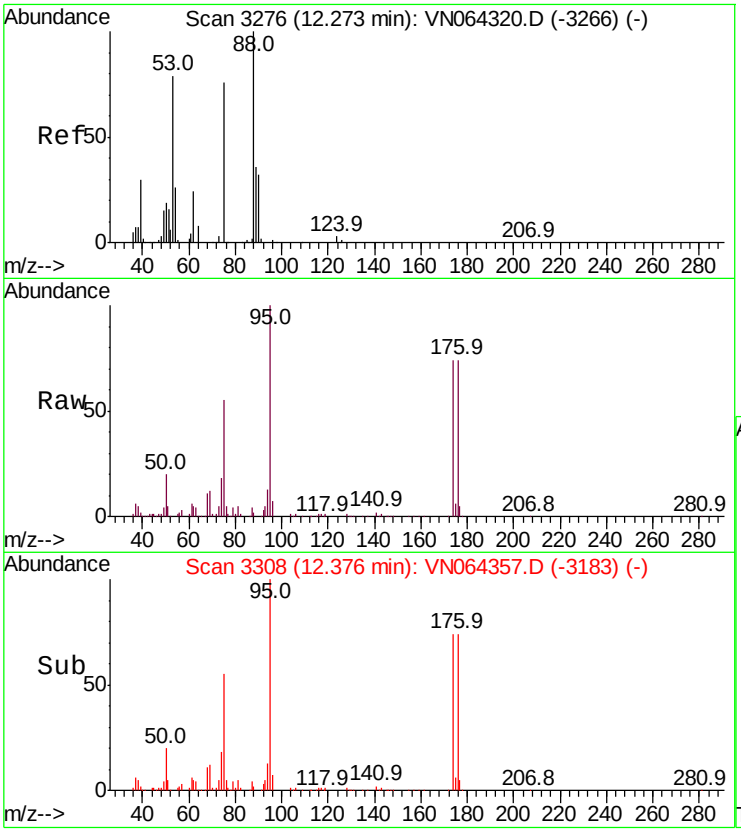


#76
1,2,3-Trichloropropane
Concen: 29.534 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Tgt Ion: 75 Resp: 117603

Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#



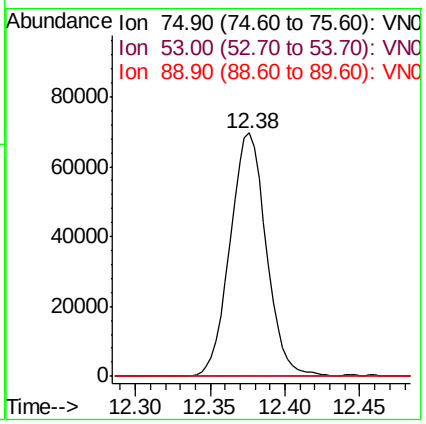


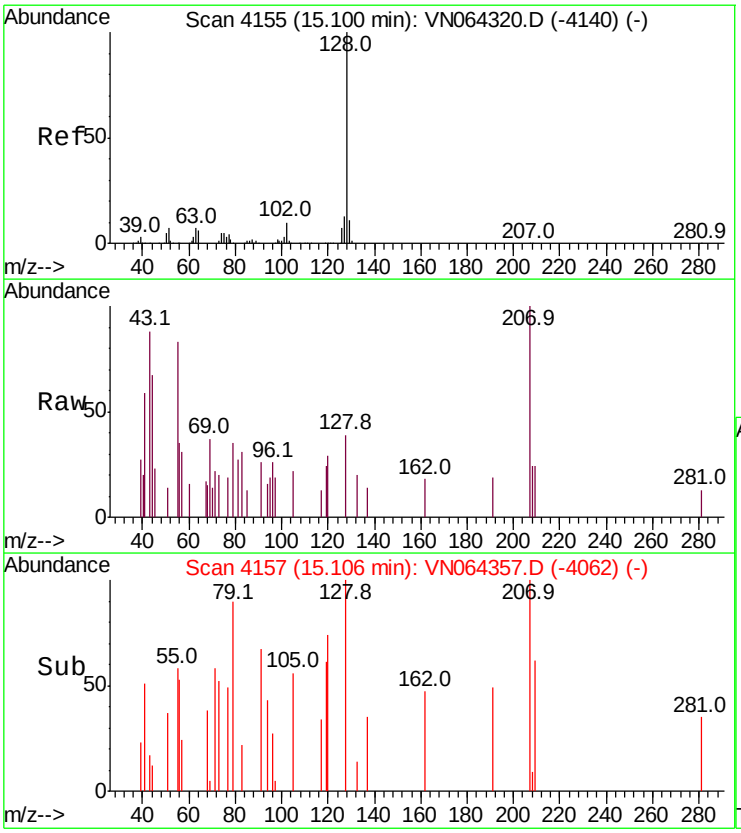
#81
trans-1,4-Dichloro-2-butene
Concen: 85.074 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Instrument : MSVOA_N
ClientSampleId : VNJ-225

Tgt Ion: 75 Resp: 117603

Ion	Ratio	Lower	Upper
75	100		
53	0.1	81.8	122.8#
89	0.0	39.9	59.9#

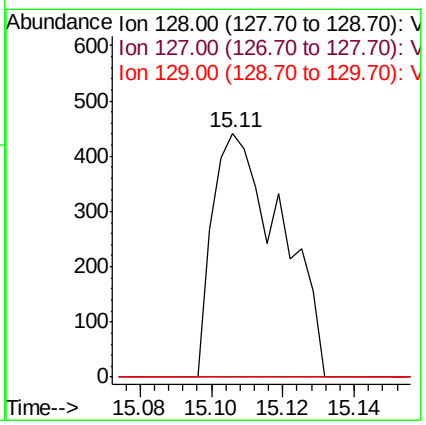


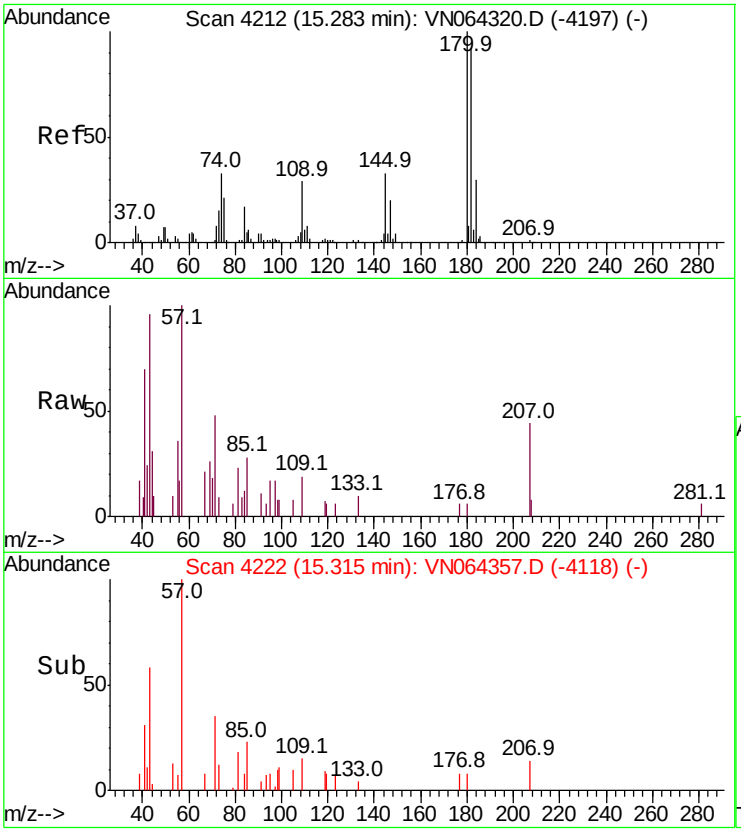


#95
Naphthalene
Concen: 2.452 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Tgt Ion:128 Resp: 586

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 2.202 ug/l
RT: 15.31 min Scan# 4222
Delta R.T. 0.03 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Instrument :
MSVOA_N
ClientSampleId :
VNJ-225

Tgt Ion:180 Resp: 63

Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.1	138.3#
145	0.0	16.2	48.5#