Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102120\
Data File : VN064247.D
Acq On : 22 Oct 2020 5:00
Operator : JC/MD
Sample : L4467-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VNJ-240

Quant Time: Oct 22 05:54:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	255039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	449957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	451907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210863	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	199347	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.26%			
35) Dibromofluoromethane	7.55	113	151614	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.36%			
50) Toluene-d8	10.06	98	569591	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.98%			
62) 4-Bromofluorobenzene	12.38	95	249719	56.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.52%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.72	59	627	1.237	ug/l #	70
16) Acetone	3.77	43	13949	12.872	ug/l	97
18) Methyl Acetate	4.28	43	3740	1.354	ug/l #	71
20) Methylene Chloride	4.50	84	5844	2.022	ug/l	89
25) 2-Butanone	6.78	43	3561	2.068	ug/l #	84
29) Tetrahydrofuran	7.17	42	310	0.301	ug/l #	47
31) Cyclohexane	7.62	56	3829	0.853	ug/l #	25
36) 1,1-Dichloropropene	7.62	75	22179	4.944	ug/l #	47
38) Carbon Tetrachloride	7.63	117	28189	5.523	ug/l #	14
43) Isopropyl Acetate	8.12	43	75062	9.889	ug/l #	90
48) Methyl methacrylate	9.14	41	3019	0.761	ug/l #	17
51) 4-Methyl-2-Pentanone	9.95	43	7011	1.728	ug/l	89
52) Toluene	10.13	92	2287	0.289	ug/l	86
54) cis-1,3-Dichloropropene	9.87	75	29854	5.205	ug/l #	58
57) 1,3-Dichloropropane	10.74	76	3917	0.754	ug/l #	42
59) 2-Hexanone	10.74	43	63269	21.355	ug/l #	54
71) Bromoform	12.38	173	1393	0.486	ug/l #	1
74) N-amyl acetate	12.00	43	3068	0.441	ug/l #	50
76) 1,2,3-Trichloropropane	12.38	75	135206	30.415	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	135206	76.790	ug/l #	9

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

Quantitation Report (Not Reviewed)

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 42 Sample Multiplier: 1

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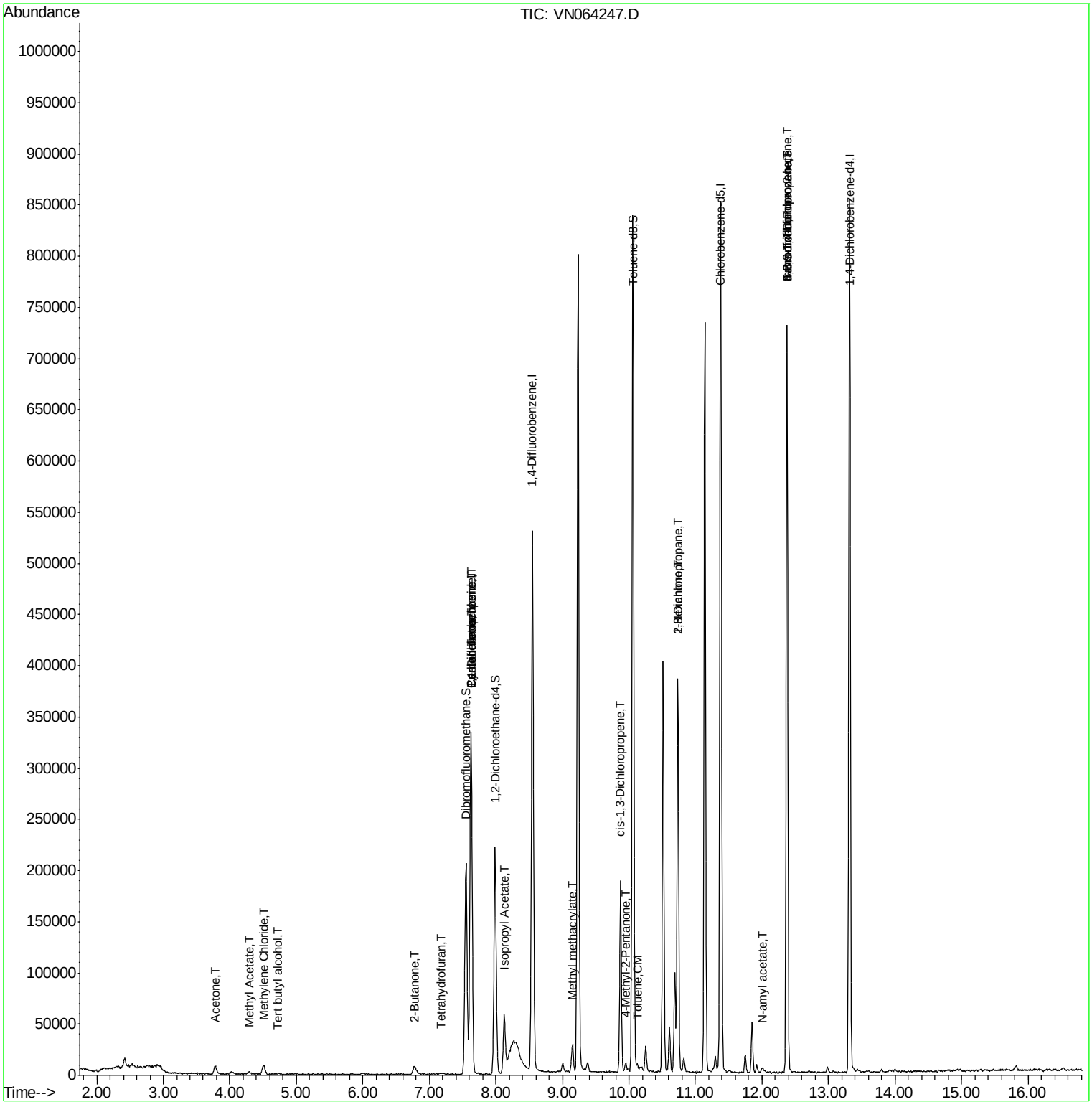
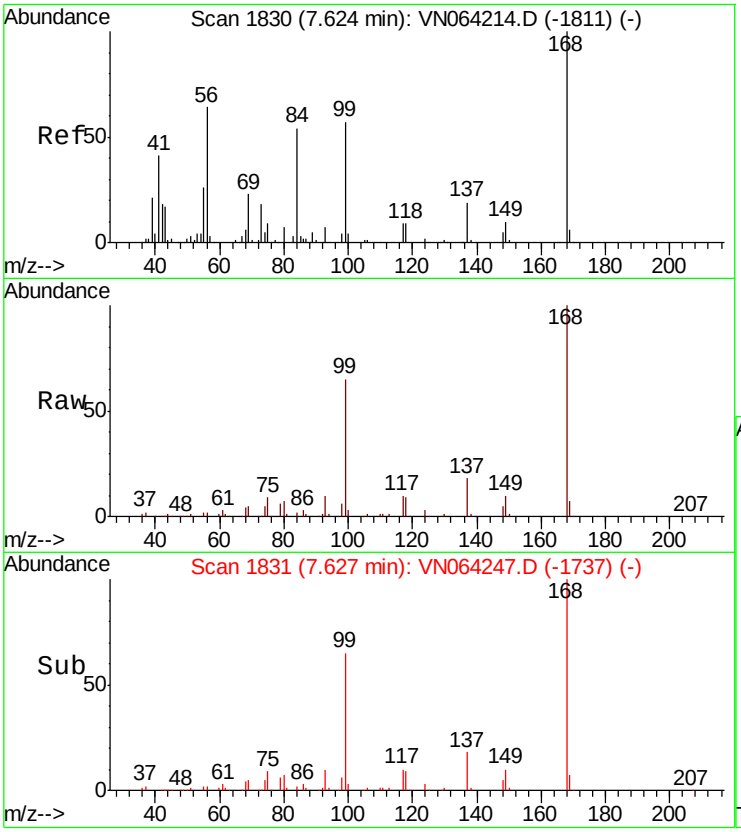
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration



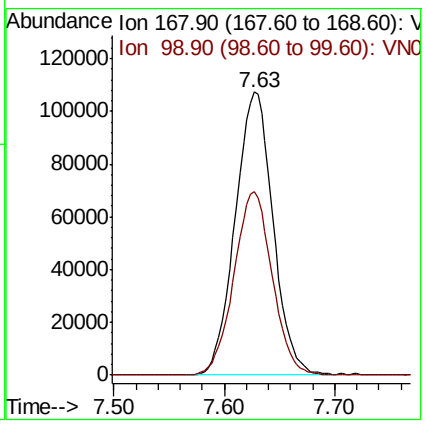


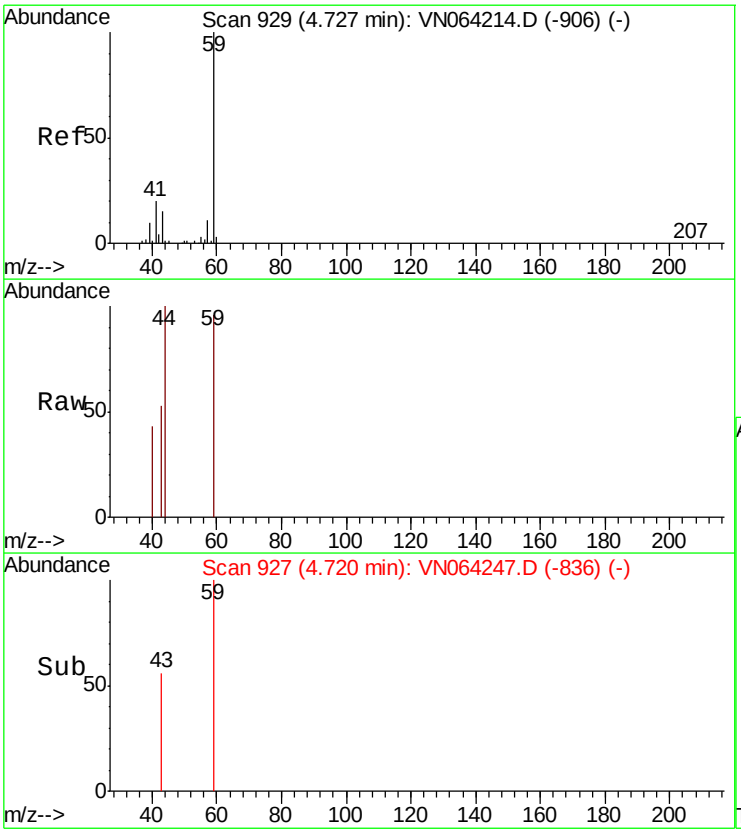
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Instrument : MSVOA_N
ClientSampleId : VNJ-240

Tgt Ion:168 Resp: 255039

Ion	Ratio	Lower	Upper
168	100		
99	64.9	54.0	81.0

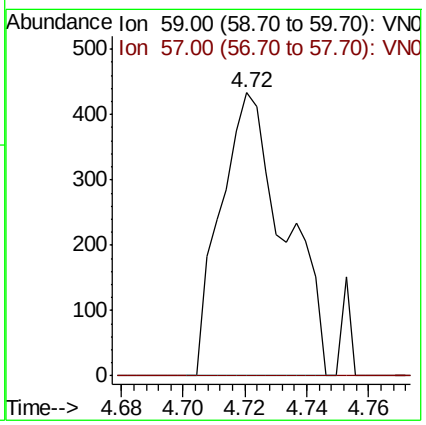


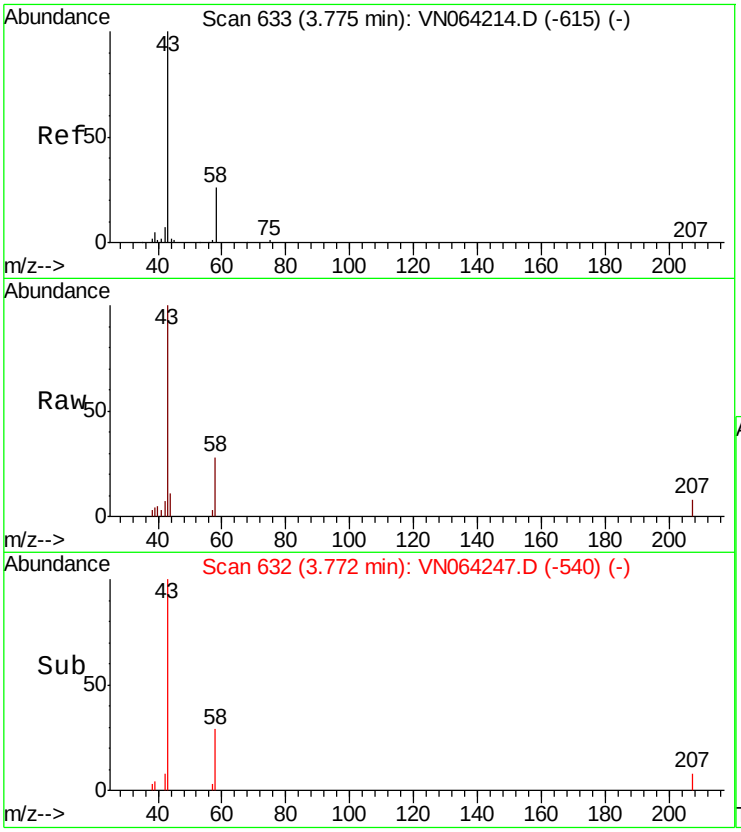


#11
Tert butyl alcohol
Concen: 1.237 ug/l
RT: 4.72 min Scan# 927
Delta R.T. -0.01 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Tgt Ion: 59 Resp: 627

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.2	13.8#



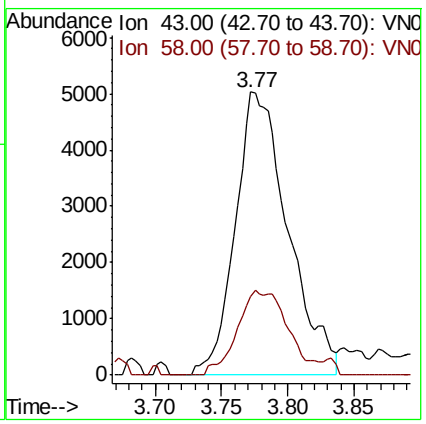


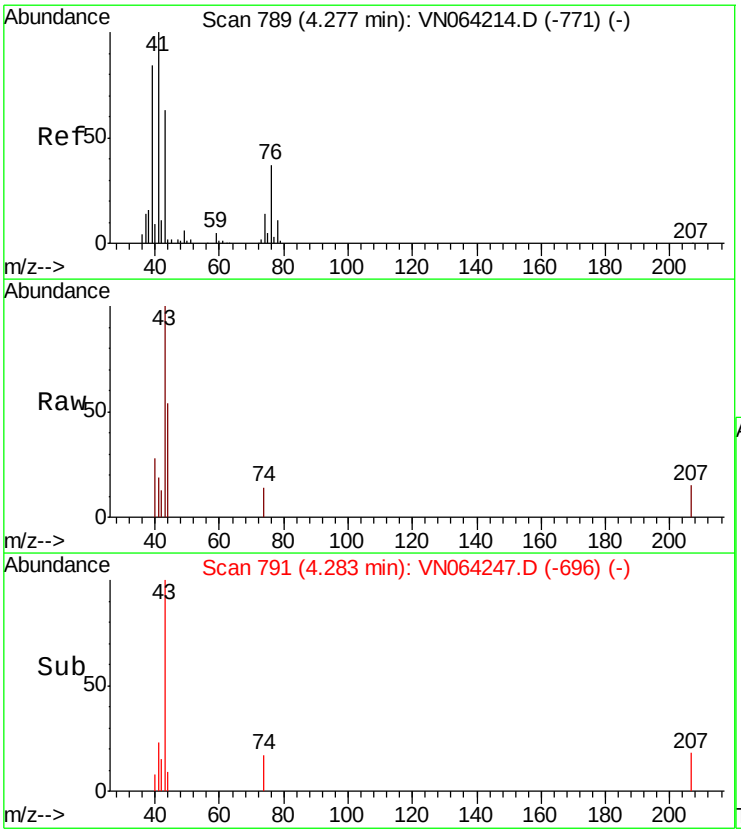
#16
Acetone
Concen: 12.872 ug/l
RT: 3.77 min Scan# 632
Delta R.T. -0.00 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Instrument :
MSVOA_N
ClientSampleId :
VNJ-240

Tgt Ion: 43 Resp: 13949

Ion	Ratio	Lower	Upper
43	100		
58	27.6	21.0	31.4

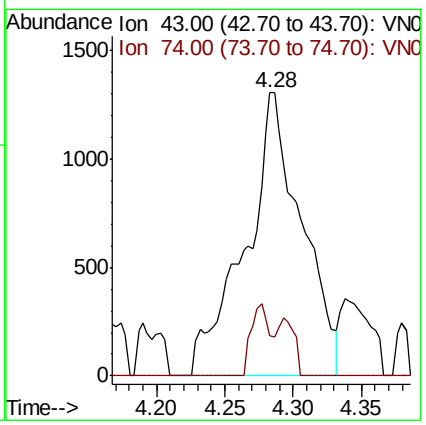


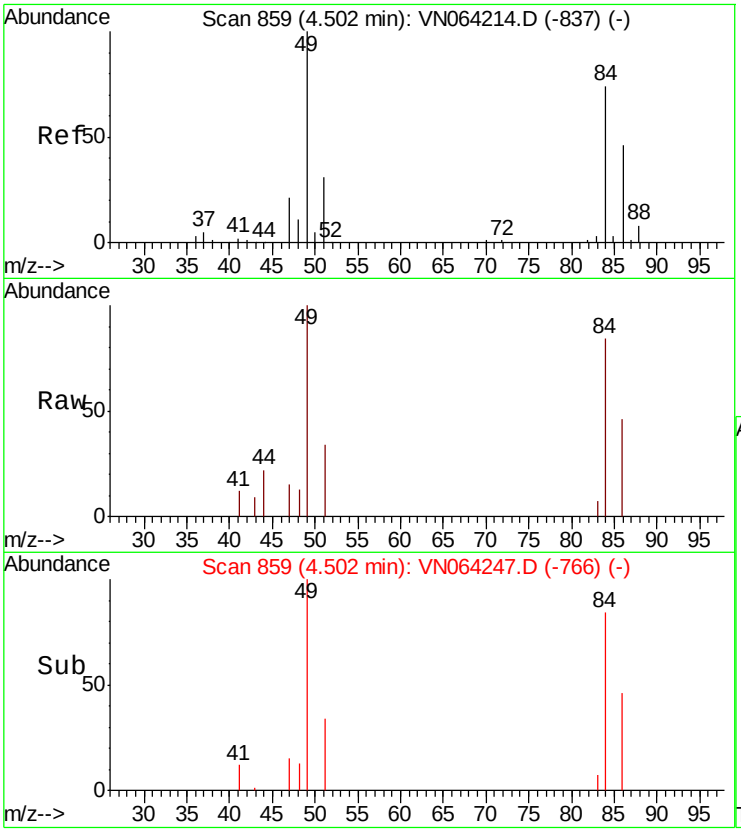


#18
Methyl Acetate
Concen: 1.354 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Tgt Ion: 43 Resp: 3740

Ion	Ratio	Lower	Upper
43	100		
74	8.6	17.9	26.9#



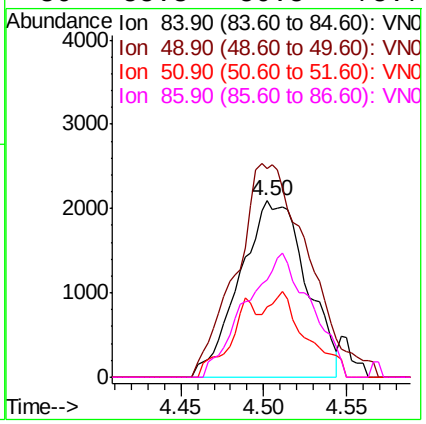


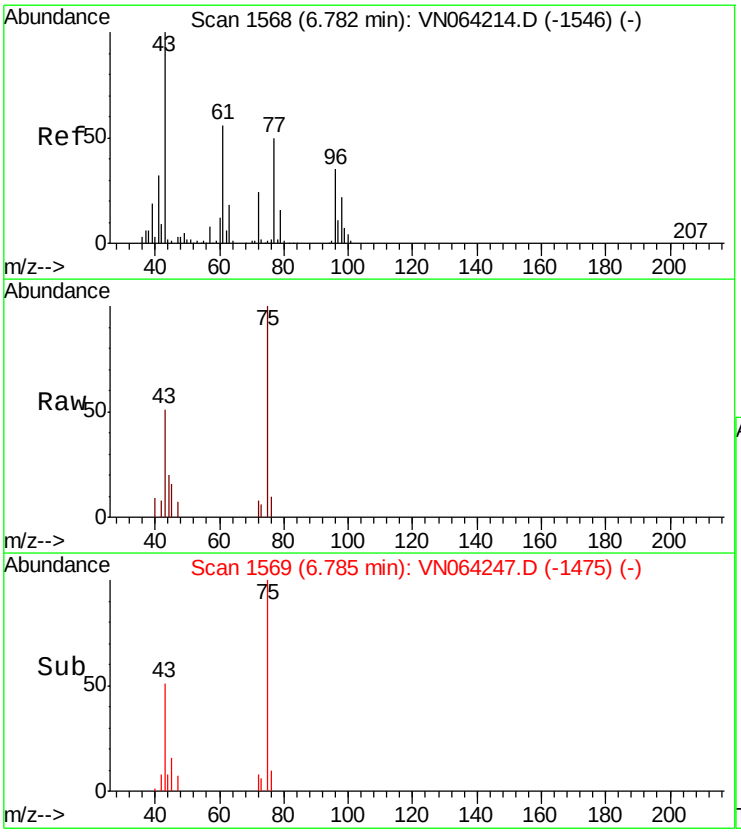
#20
Methylene Chloride
Concen: 2.022 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Instrument : MSVOA_N
ClientSampleId : VNJ-240

Tgt Ion: 84 Resp: 5844

Ion	Ratio	Lower	Upper
84	100		
49	118.9	108.5	162.7
51	40.1	33.8	50.8
86	55.3	50.5	75.7

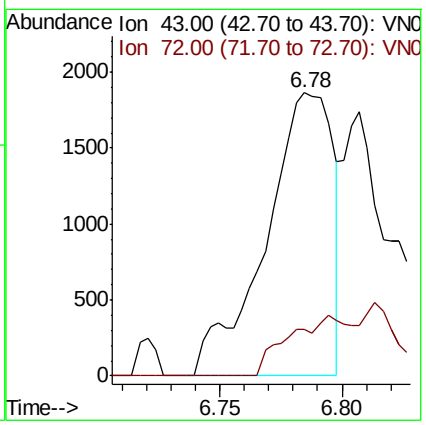


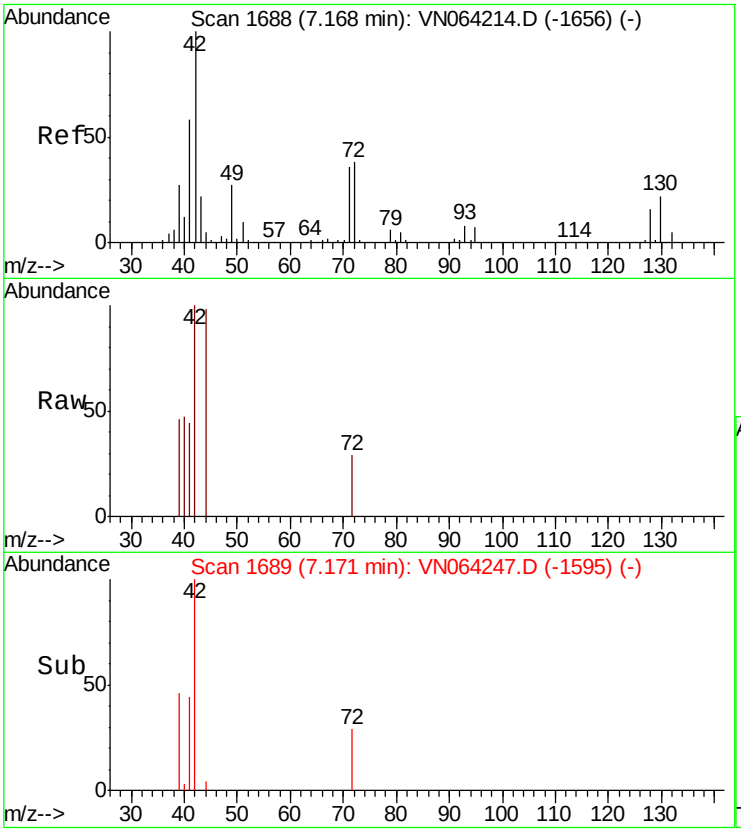


#25
2-Butanone
Concen: 2.068 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Tgt Ion: 43 Resp: 3561

Ion	Ratio	Lower	Upper
43	100		
72	16.4	19.4	29.0#



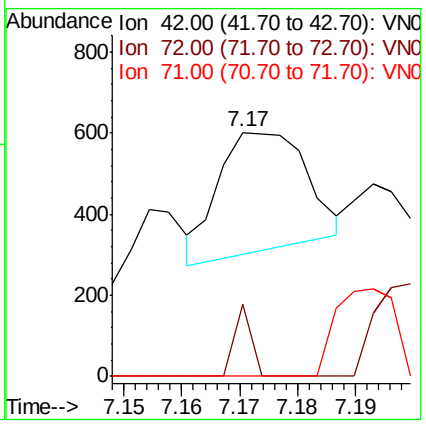


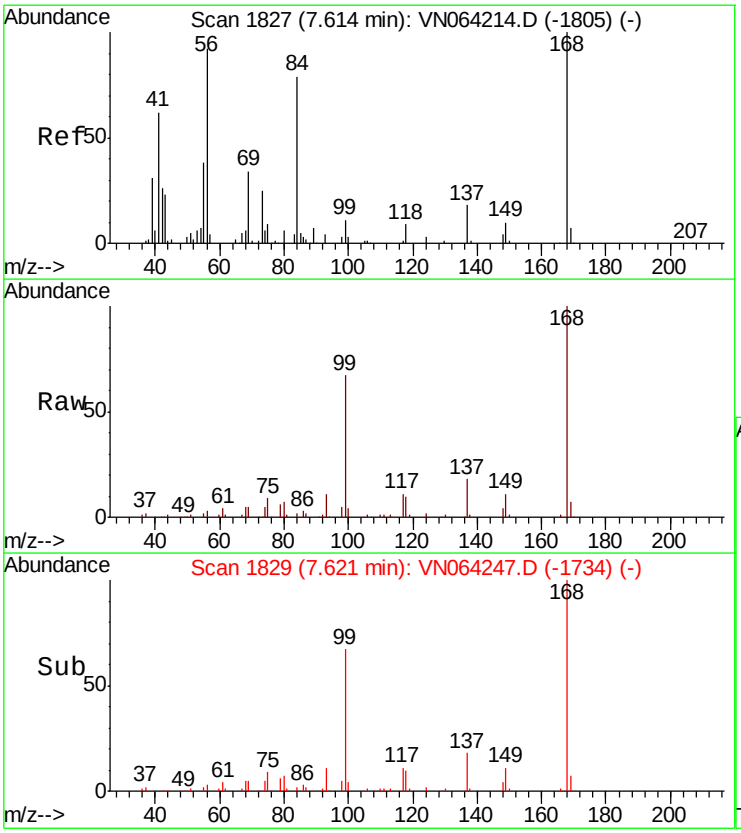
#29
Tetrahydrofuran
Concen: 0.301 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Instrument :
MSVOA_N
ClientSampleId :
VNJ-240

Tgt Ion: 42 Resp: 310

Ion	Ratio	Lower	Upper
42	100		
72	11.0	30.8	46.2#
71	0.0	29.0	43.6#

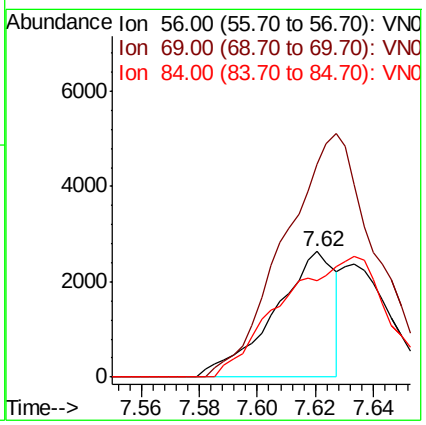


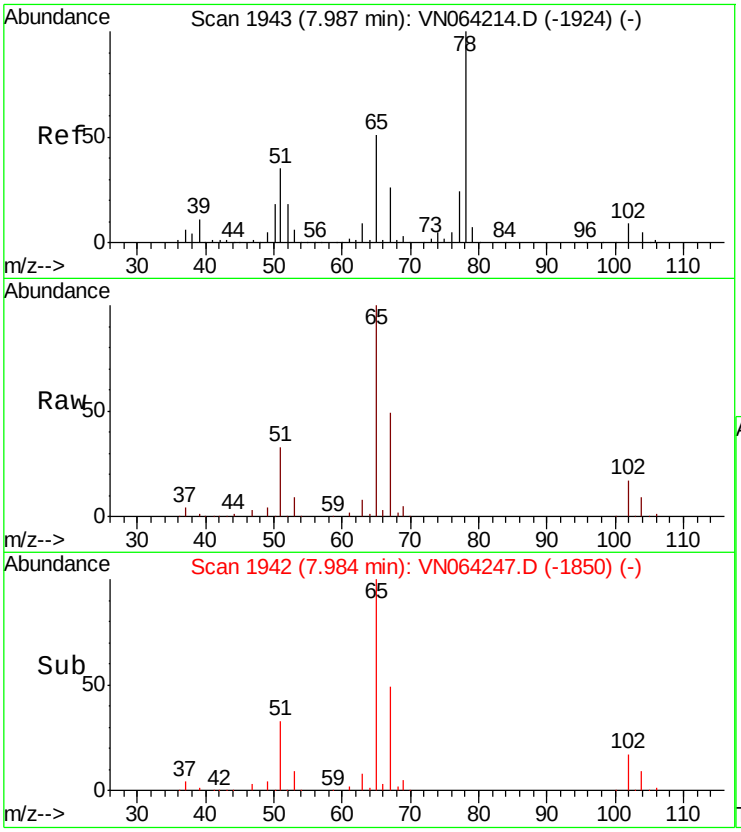


#31
Cyclohexane
Concen: 0.853 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Tgt Ion: 56 Resp: 3829

Ion	Ratio	Lower	Upper
56	100		
69	180.0	29.8	44.6#
84	82.0	68.1	102.1



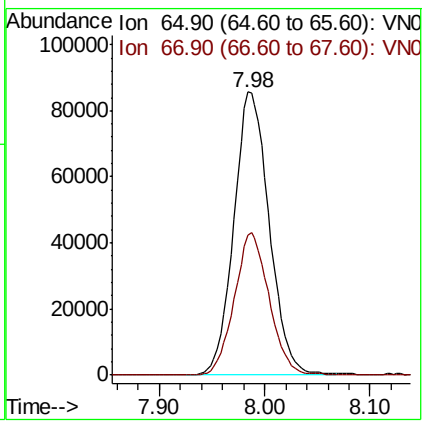


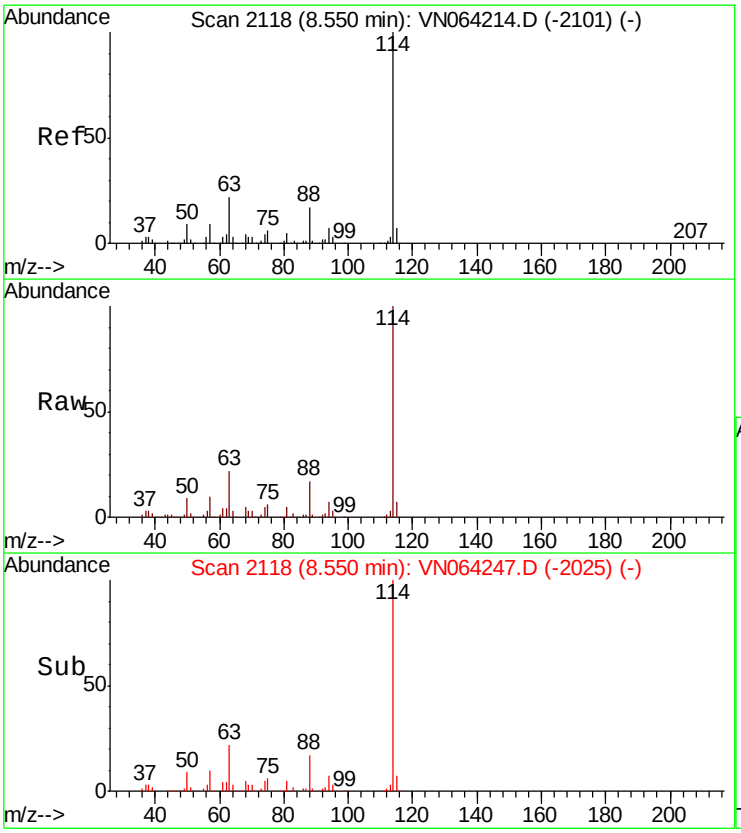
#33
1,2-Dichloroethane-d4
Concen: 52.633 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Instrument : MSVOA_N
ClientSampleId : VNJ-240

Tgt Ion: 65 Resp: 199347

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	100.2

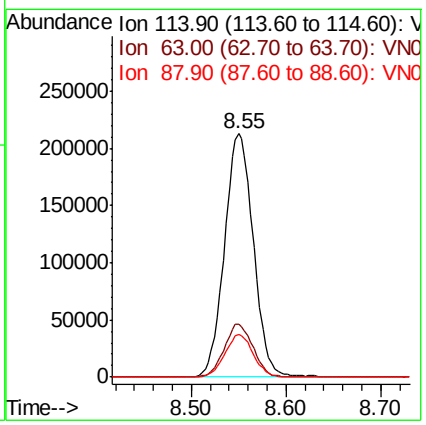


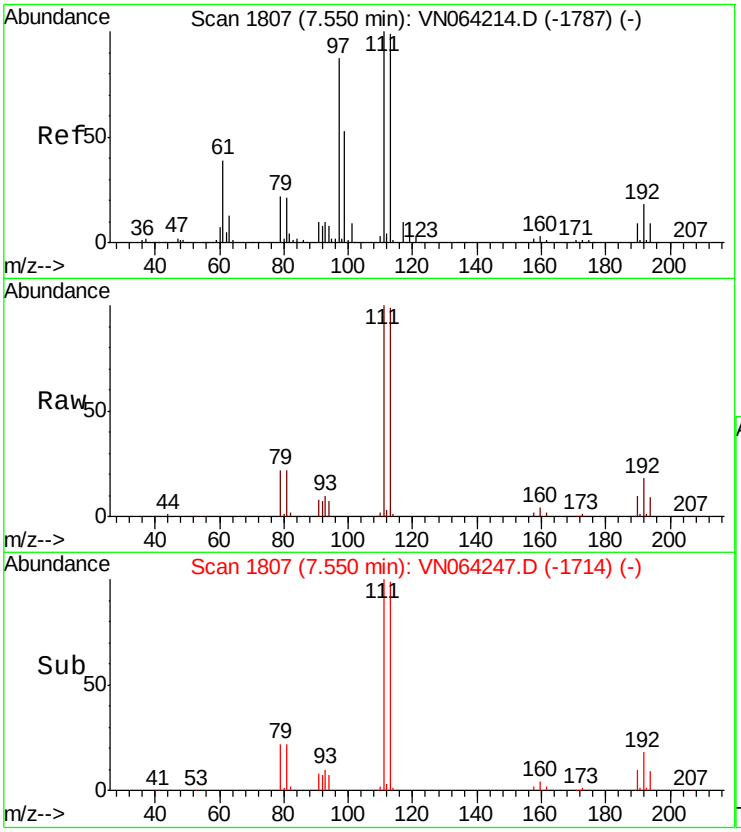


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Tgt Ion:114 Resp: 449957

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.0
88	17.4	0.0	34.2



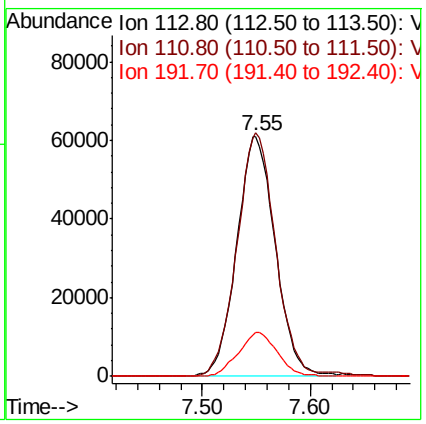


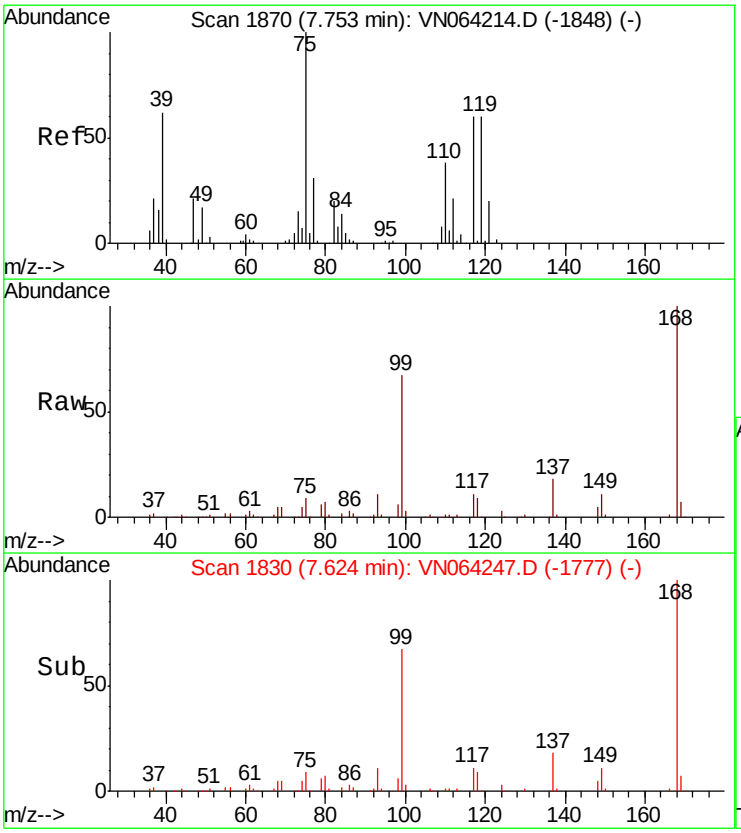
#35
Dibromofluoromethane
Concen: 50.681 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Instrument :
MSVOA_N
ClientSampleId :
VNJ-240

Tgt Ion:113 Resp: 151614

Ion	Ratio	Lower	Upper
113	100		
111	102.4	84.2	126.2
192	18.5	15.2	22.8

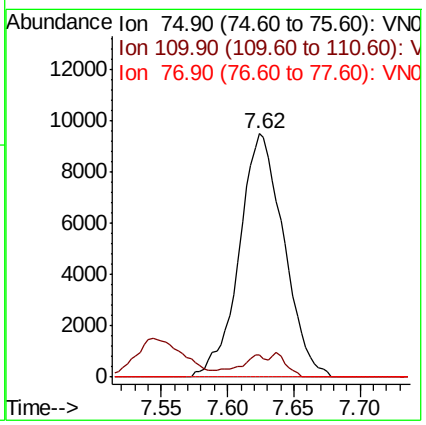


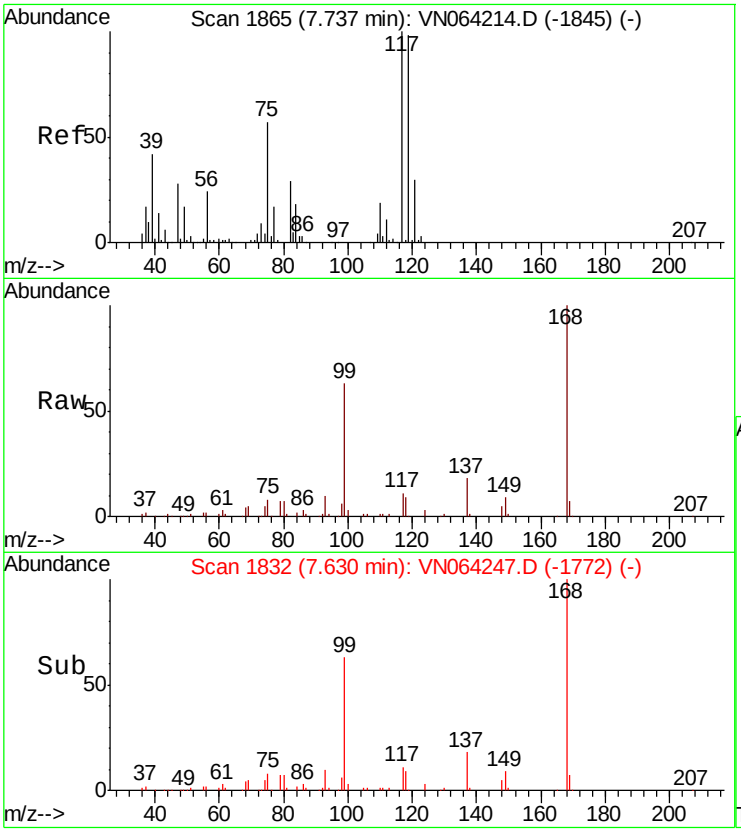


#36
1,1-Dichloropropene
Concen: 4.944 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Tgt Ion: 75 Resp: 22179

Ion	Ratio	Lower	Upper
75	100		
110	5.7	17.2	51.6#
77	0.0	24.9	37.3#



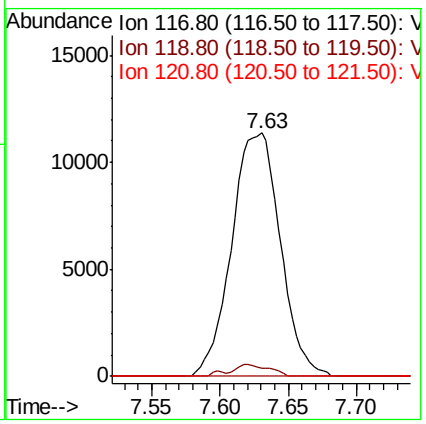


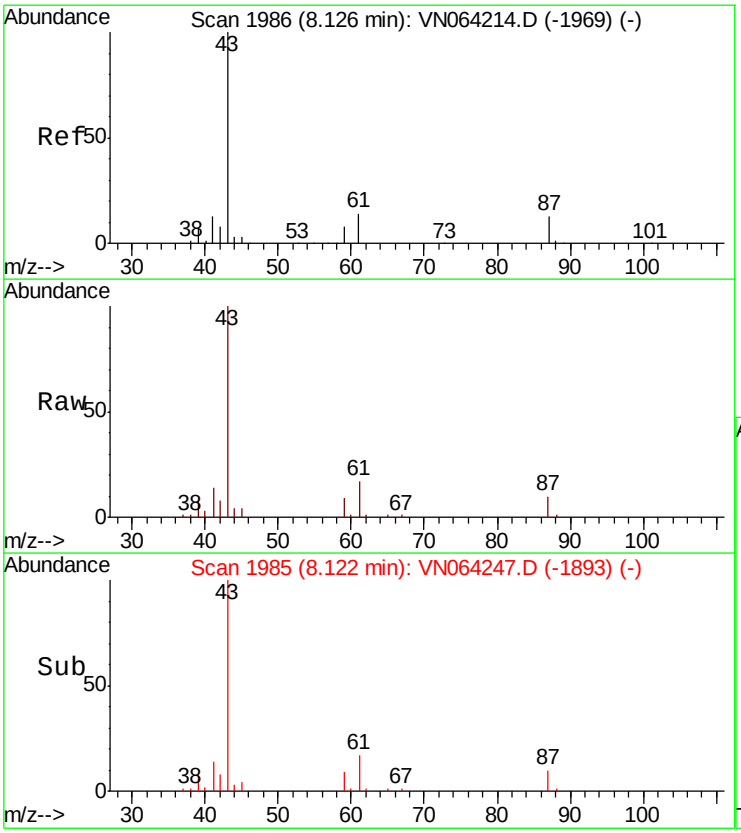
#38
Carbon Tetrachloride
Concen: 5.523 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Instrument :
MSVOA_N
ClientSampleId :
VNJ-240

Tgt Ion:117 Resp: 28189

Ion	Ratio	Lower	Upper
117	100		
119	3.4	78.5	117.7#
121	0.0	24.3	36.5#

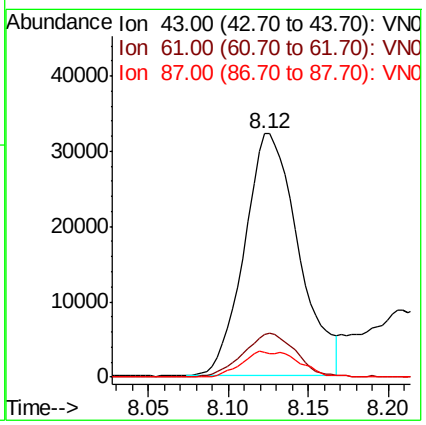


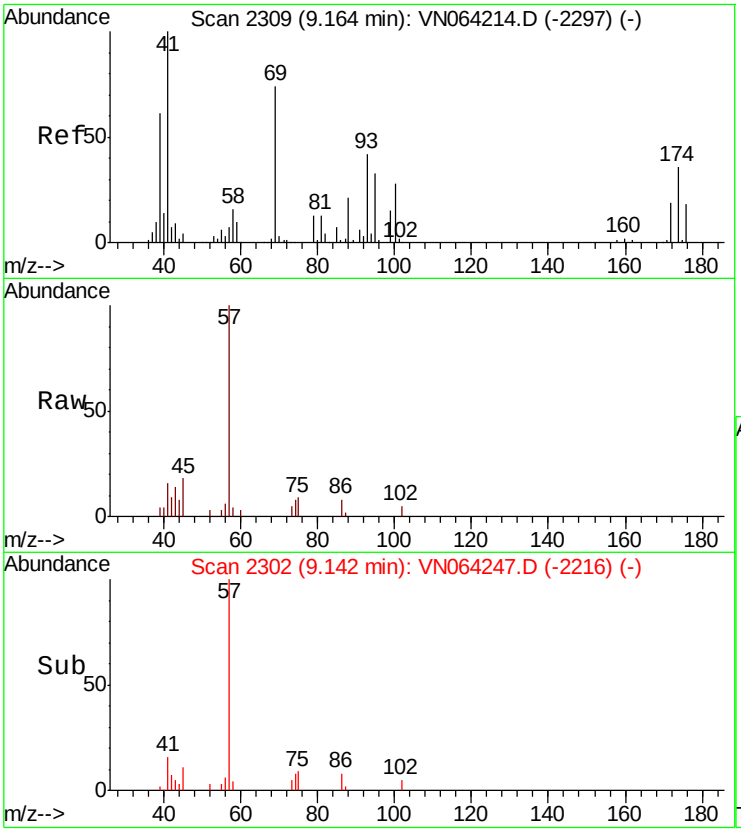


#43
Isopropyl Acetate
Concen: 9.889 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Tgt Ion: 43 Resp: 75062

Ion	Ratio	Lower	Upper
43	100		
61	17.5	19.6	29.4#
87	11.0	9.8	14.6



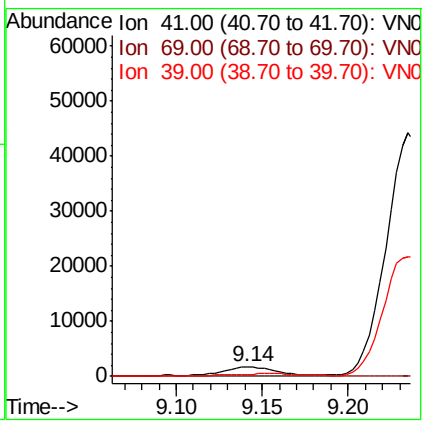


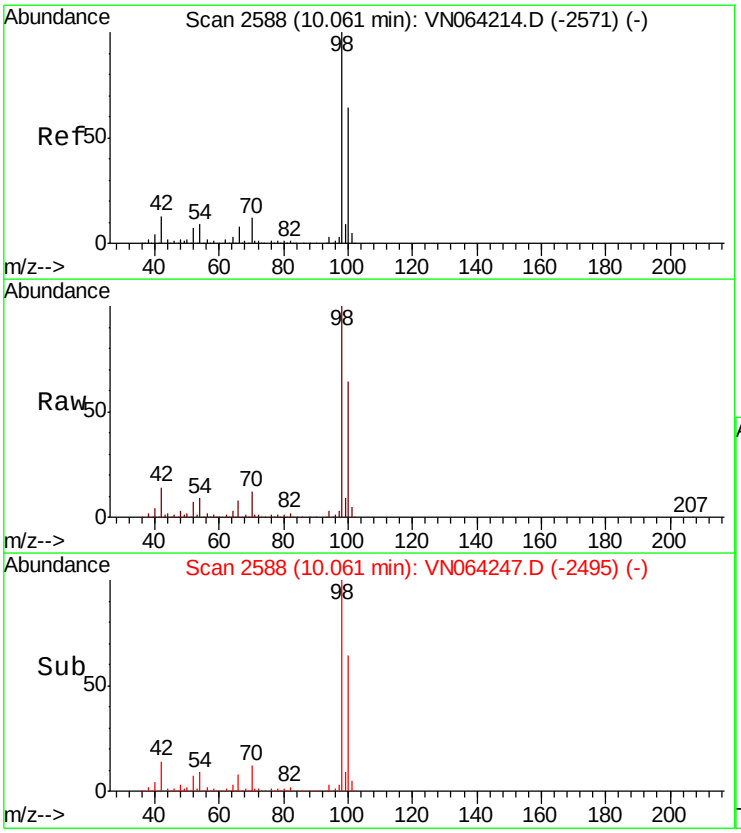
#48
Methyl methacrylate
Concen: 0.761 ug/l
RT: 9.14 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Instrument : MSVOA_N
ClientSampleId : VNJ-240

Tgt Ion: 41 Resp: 3019

Ion	Ratio	Lower	Upper
41	100		
69	0.0	57.3	85.9#
39	0.0	48.6	73.0#

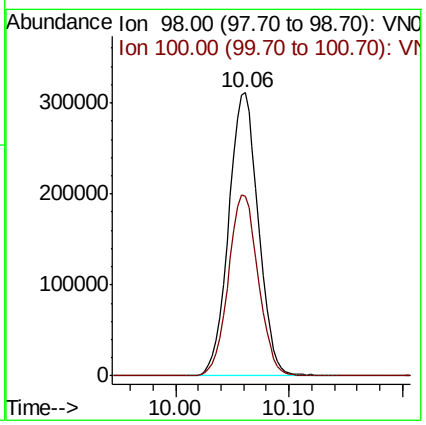


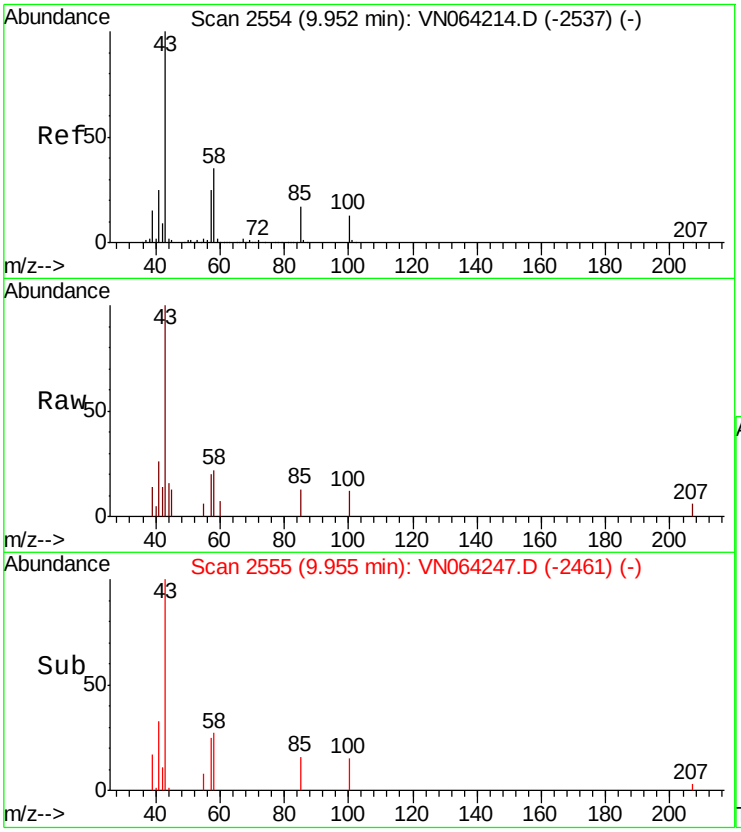


#50
Toluene-d8
Concen: 52.488 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Tgt Ion: 98 Resp: 569591

Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.8	76.2



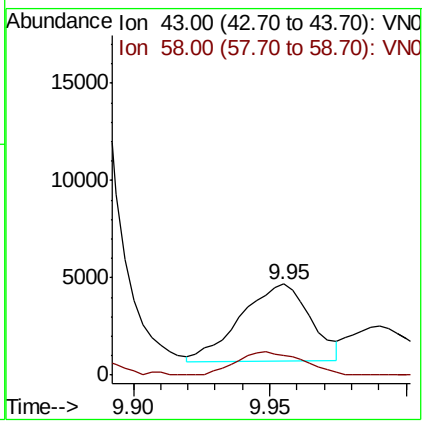


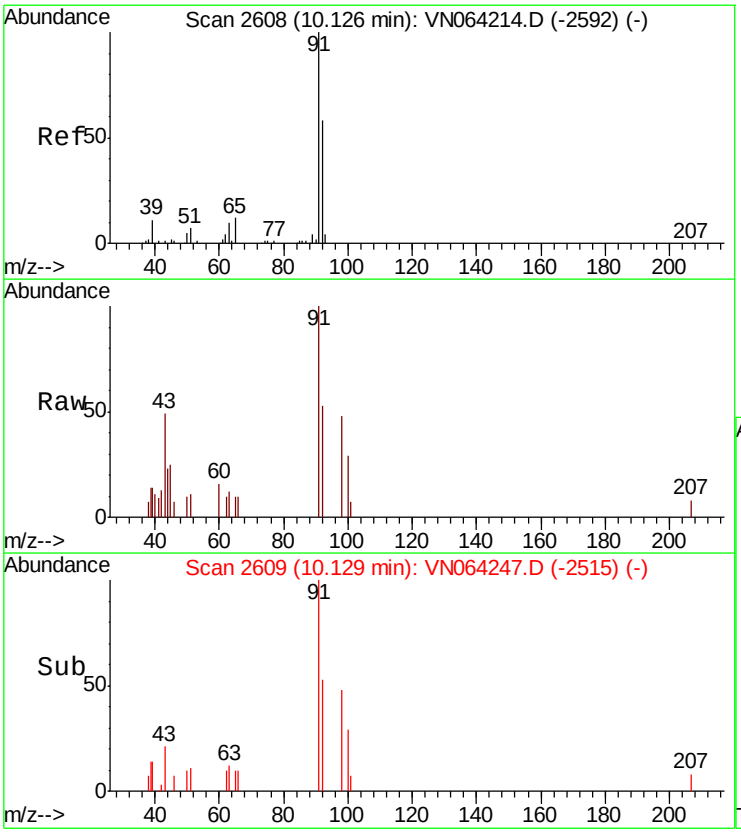
#51
4-Methyl-2-Pentanone
Concen: 1.728 ug/l
RT: 9.95 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Instrument : MSVOA_N
ClientSampleId : VNJ-240

Tgt Ion: 43 Resp: 7011

Ion	Ratio	Lower	Upper
43	100		
58	29.2	28.6	42.8

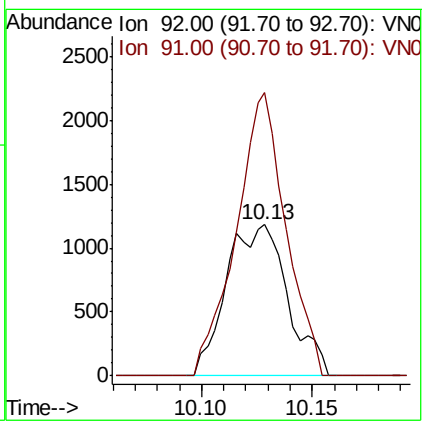


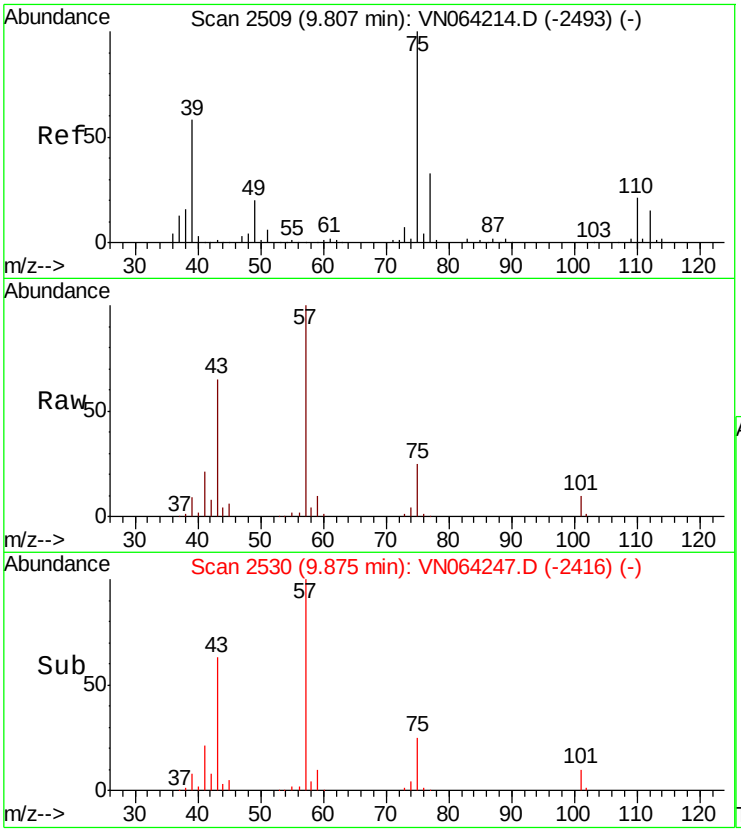


#52
Toluene
Concen: 0.289 ug/l
RT: 10.13 min Scan# 2609
Delta R.T. 0.00 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Tgt Ion: 92 Resp: 2287

Ion	Ratio	Lower	Upper
92	100		
91	151.8	137.4	206.2



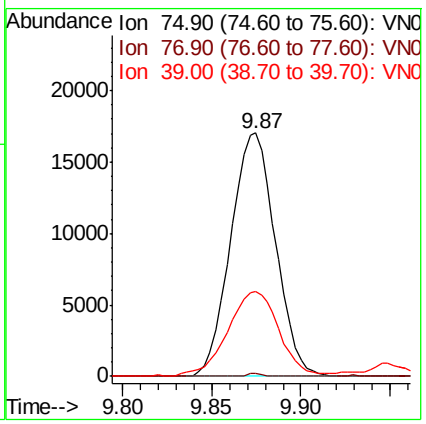


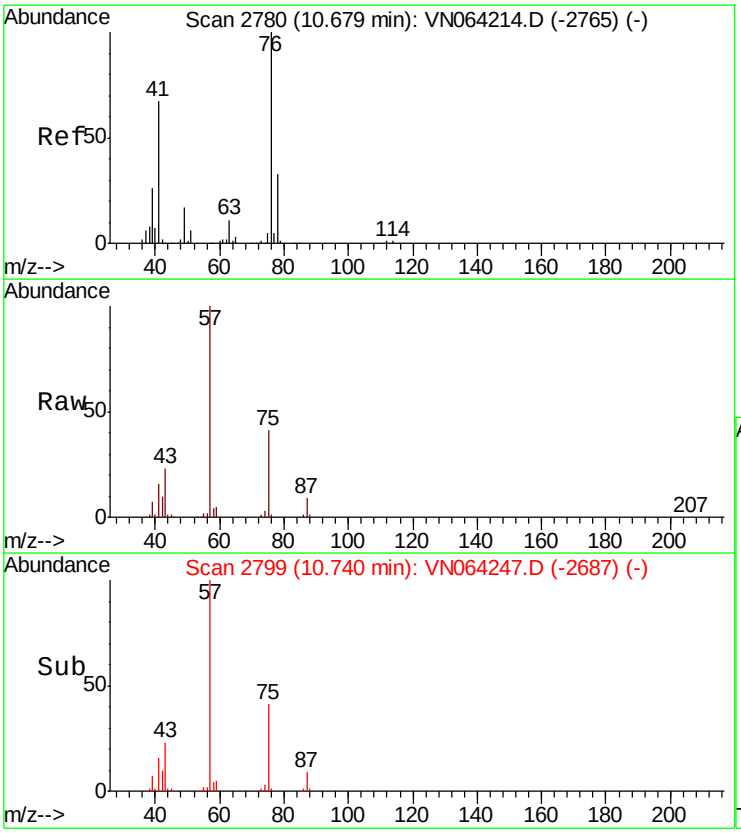
#54
cis-1,3-Dichloropropene
Concen: 5.205 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Instrument :
MSVOA_N
ClientSampleId :
VNJ-240

Tgt Ion: 75 Resp: 29854

Ion	Ratio	Lower	Upper
75	100		
77	1.1	26.6	39.8#
39	33.5	46.7	70.1#

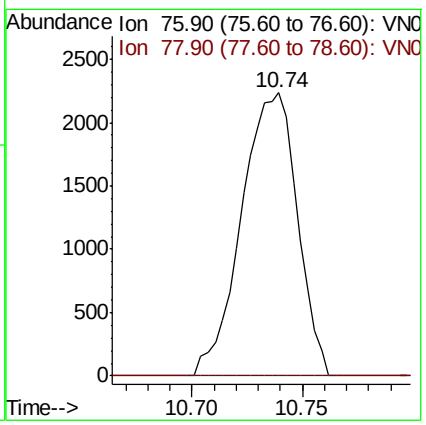


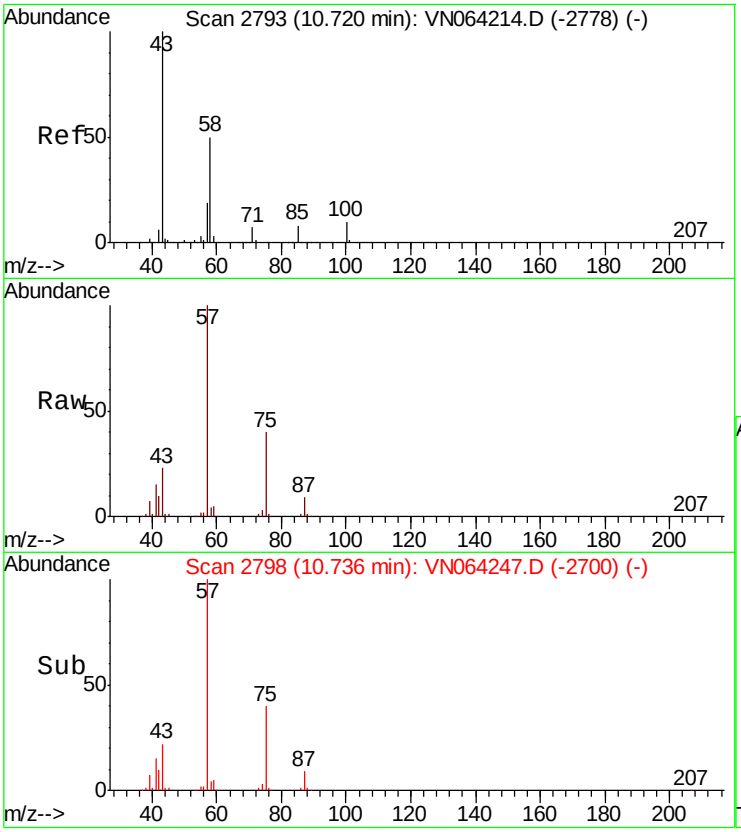


#57
1,3-Dichloropropane
Concen: 0.754 ug/l
RT: 10.74 min Scan# 2799
Delta R.T. 0.06 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Tgt Ion: 76 Resp: 3917

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.2#



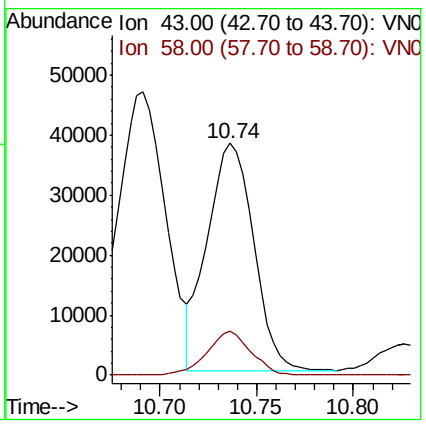


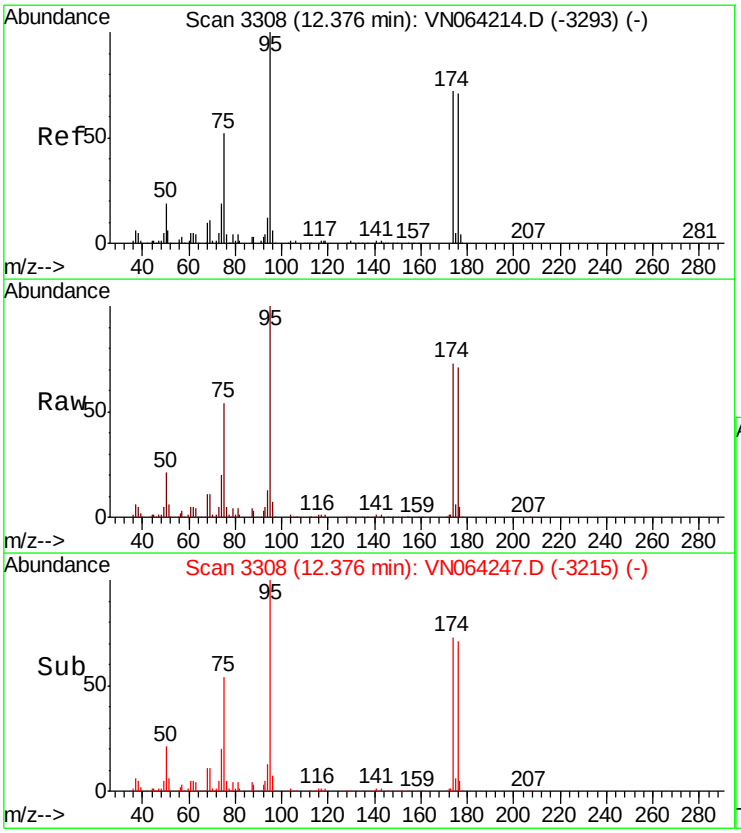
#59
2-Hexanone
Concen: 21.355 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Instrument : MSVOA_N
ClientSampleId : VNJ-240

Tgt Ion: 43 Resp: 63269

Ion	Ratio	Lower	Upper
43	100		
58	18.3	24.8	74.3#

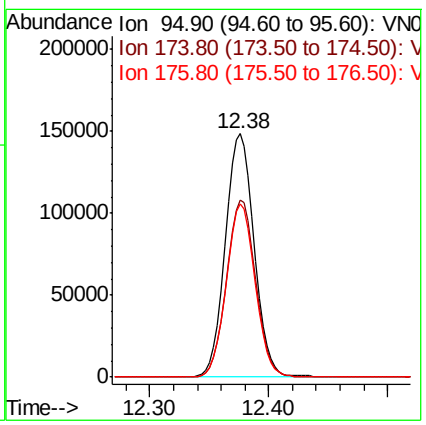


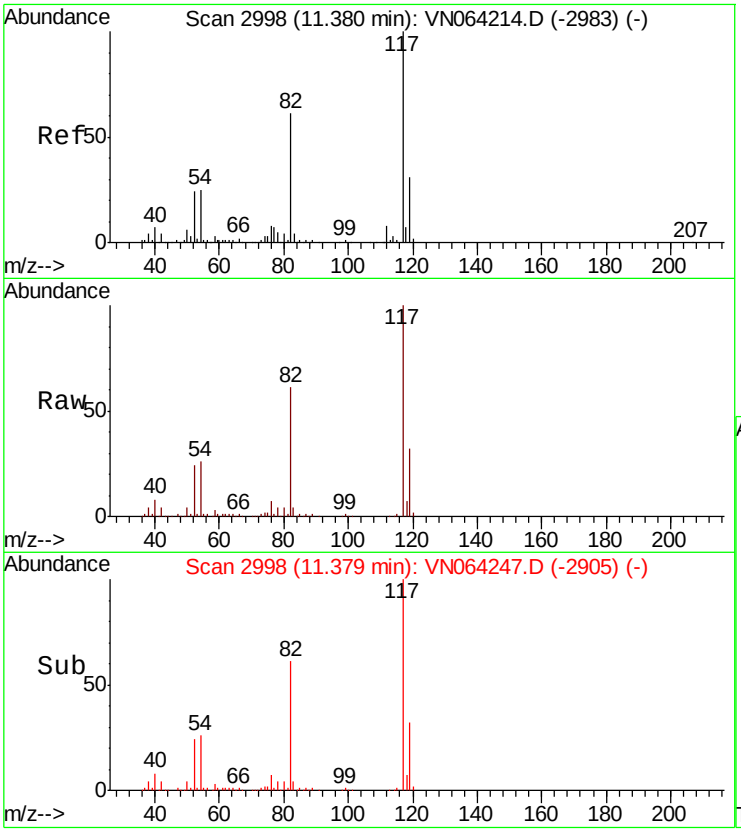


#62
4-Bromofluorobenzene
Concen: 56.764 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Tgt Ion: 95 Resp: 249719

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	144.4
176	71.3	0.0	139.2



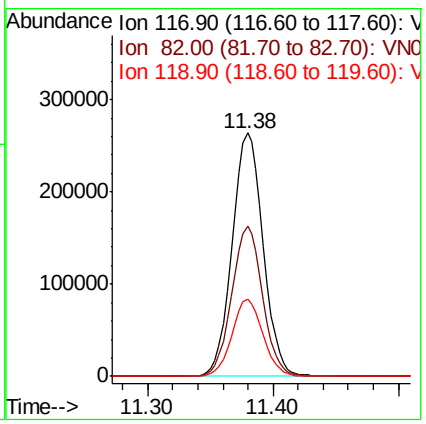


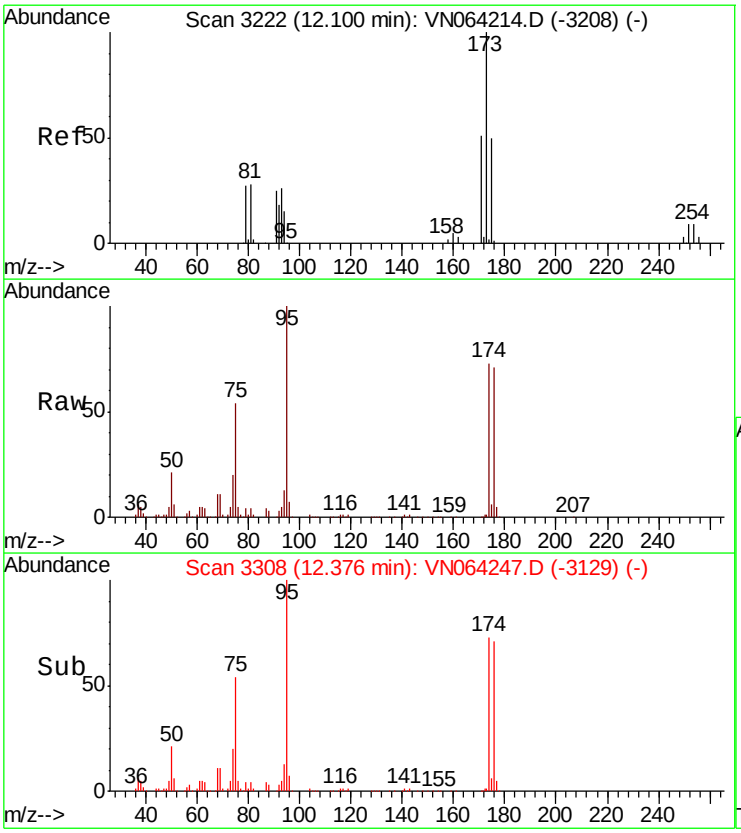
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Instrument : MSVOA_N
ClientSampleId : VNJ-240

Tgt Ion:117 Resp: 451907

Ion	Ratio	Lower	Upper
117	100		
82	61.5	48.8	73.2
119	31.8	24.7	37.1

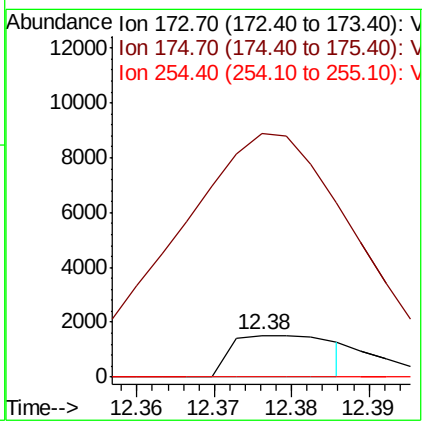


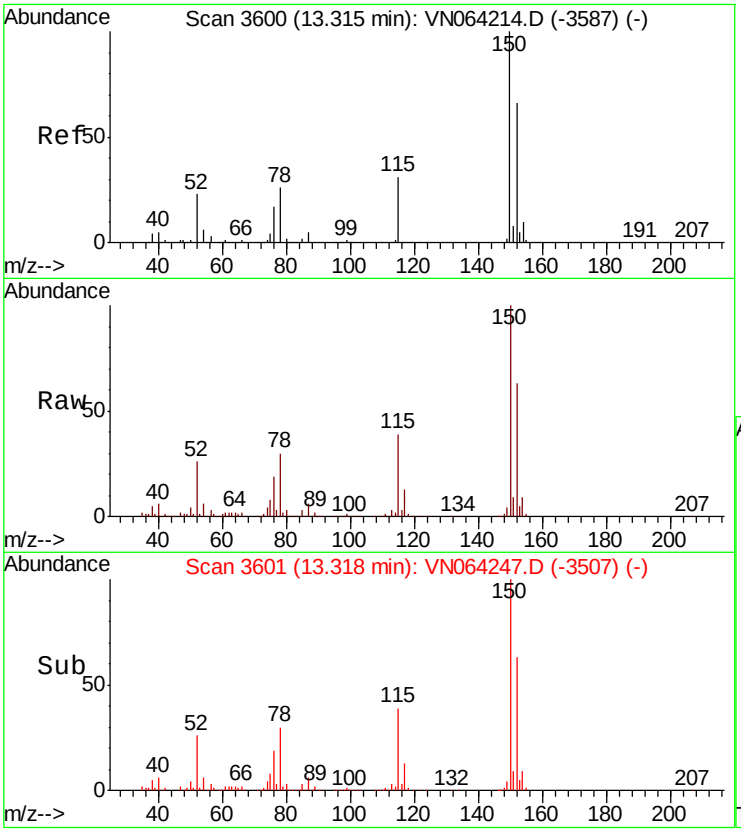


#71
Bromoform
Concen: 0.486 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Tgt Ion:173 Resp: 1393

Ion	Ratio	Lower	Upper
173	100		
175	893.7	25.1	75.3#
254	0.0	0.0	0.0



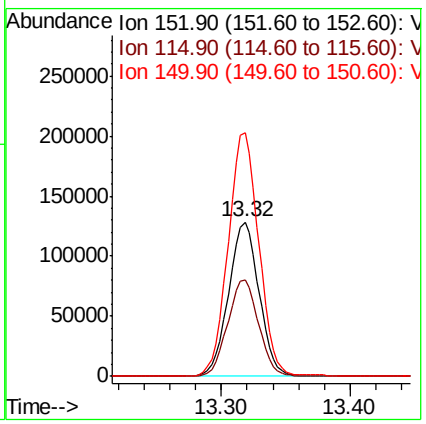


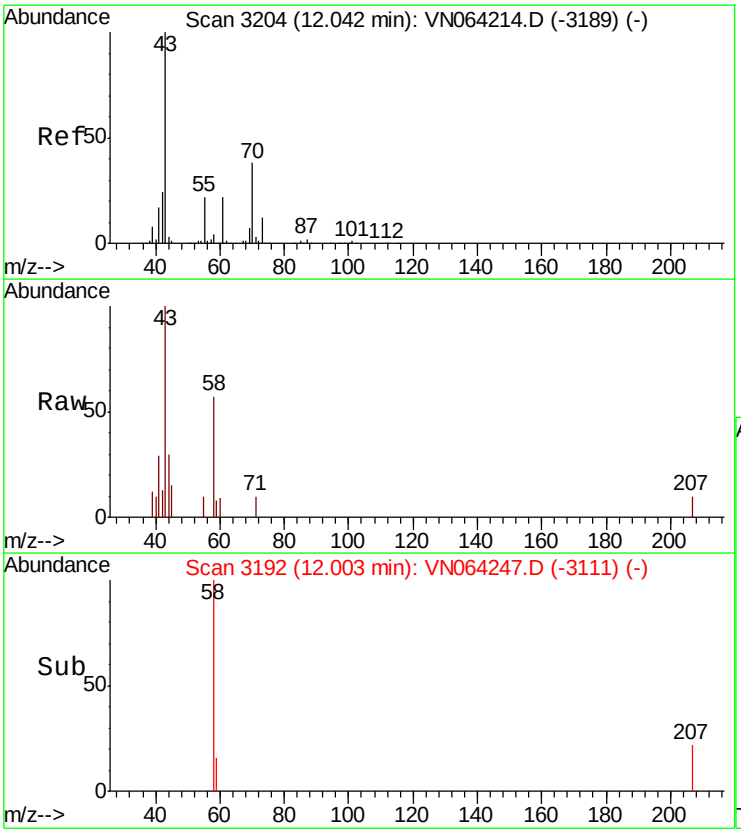
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Instrument : MSVOA_N
ClientSampleId : VNJ-240

Tgt Ion:152 Resp: 210863

Ion	Ratio	Lower	Upper
152	100		
115	63.1	32.0	96.2
150	158.2	0.0	356.6

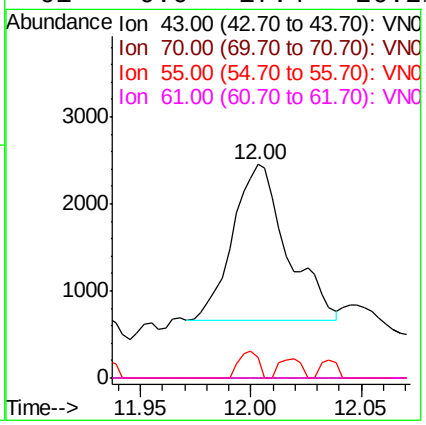


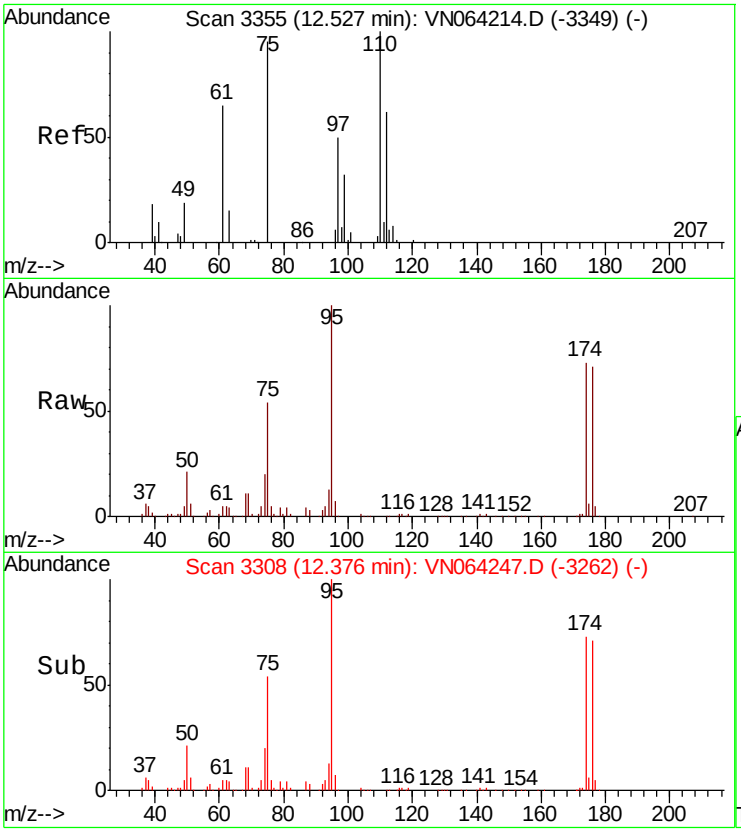


#74
N-amyl acetate
Concen: 0.441 ug/l
RT: 12.00 min Scan# 3192
Delta R.T. -0.04 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Tgt Ion: 43 Resp: 3068

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.2	45.4#
55	6.2	18.0	27.0#
61	0.0	17.4	26.2#



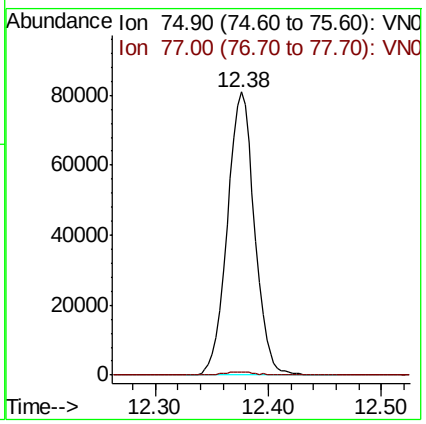


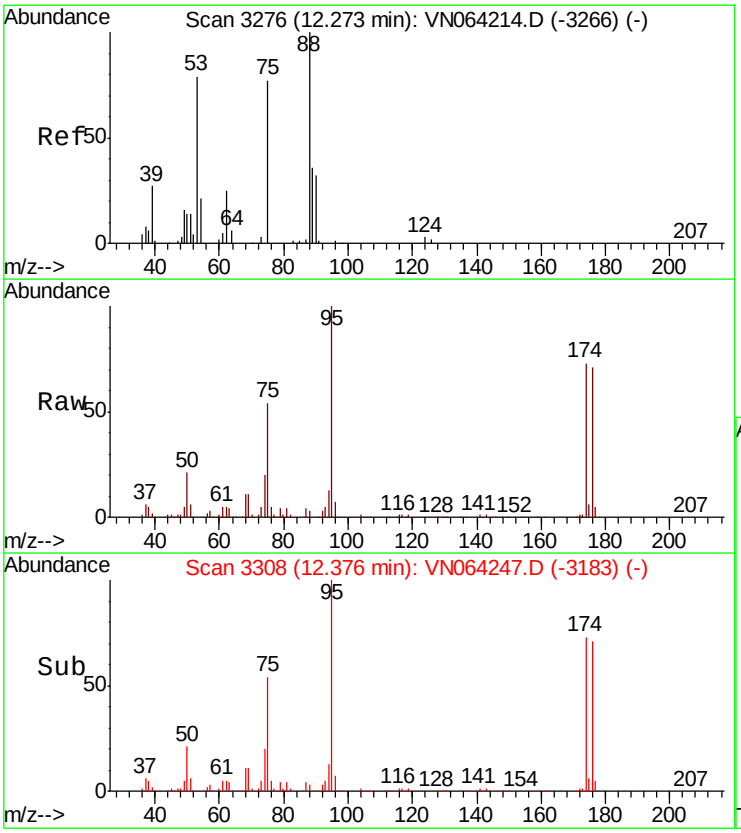
#76
1,2,3-Trichloropropane
Concen: 30.415 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Instrument :
MSVOA_N
ClientSampleId :
VNJ-240

Tgt Ion: 75 Resp: 135206

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.790 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064247.D
Acq: 22 Oct 2020 5:00

Tgt Ion: 75 Resp: 135206

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.0	121.4#
89	0.1	38.7	58.1#