Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110620\
Data File : VN064488.D
Acq On : 6 Nov 2020 17:15
Operator : JC/MD
Sample : PB132855ZHE#18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB132855ZHE#18

Quant Time: Nov 07 03:49:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.63	168	235916	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	494834	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	538059	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190783	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	231582	56.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.72%				
35) Dibromofluoromethane	7.55	113	170543	50.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.24%				
50) Toluene-d8	10.06	98	664948	51.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.12%				
62) 4-Bromofluorobenzene	12.38	95	252110	51.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.38%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.73	59	161	0.355	ug/l	#	71
13) Acrolein	3.40	56	206	0.733	ug/l	#	1
16) Acetone	3.79	43	10608	6.777	ug/l		90
18) Methyl Acetate	4.28	43	2057	0.668	ug/l		94
20) Methylene Chloride	4.50	84	8076	2.600	ug/l		89
25) 2-Butanone	6.80	43	713	0.357	ug/l	#	52
29) Tetrahydrofuran	7.17	42	559	0.457	ug/l	#	41
31) Cyclohexane	7.62	56	7156	1.433	ug/l	#	20
36) 1,1-Dichloropropene	7.63	75	22902	4.381	ug/l	#	52
37) Ethyl Acetate	6.88	43	30	0.768	ug/l	#	71
38) Carbon Tetrachloride	7.63	117	28490	5.099	ug/l	#	16
41) Methacrylonitrile	7.17	41	593	0.256	ug/l	#	32
43) Isopropyl Acetate	8.13	43	99120	11.700	ug/l		100
45) 1,2-Dichloropropane	9.23	63	1839	0.449	ug/l	#	45
48) Methyl methacrylate	9.24	41	181262	42.402	ug/l	#	48
49) 1,4-Dioxane	9.24	88	315	5.594	ug/l	#	1
51) 4-Methyl-2-Pentanone	9.96	43	7866	1.592	ug/l		99
54) cis-1,3-Dichloropropene	9.87	75	40226	6.117	ug/l	#	66
56) Ethyl methacrylate	10.52	69	3007	2.323	ug/l	#	1
57) 1,3-Dichloropropane	10.74	76	7499	1.176	ug/l	#	42
59) 2-Hexanone	10.74	43	117263	32.666	ug/l	#	54
71) Bromoform	12.36	173	115	1.309	ug/l	#	1
74) N-amyl acetate	12.01	43	3069	1.622	ug/l	#	49
76) 1,2,3-Trichloropropane	12.38	75	140873	30.475	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.71	105	2831	0.226	ug/l		89
81) trans-1,4-Dichloro-2-buten	12.38	75	140873	85.091	ug/l	#	8

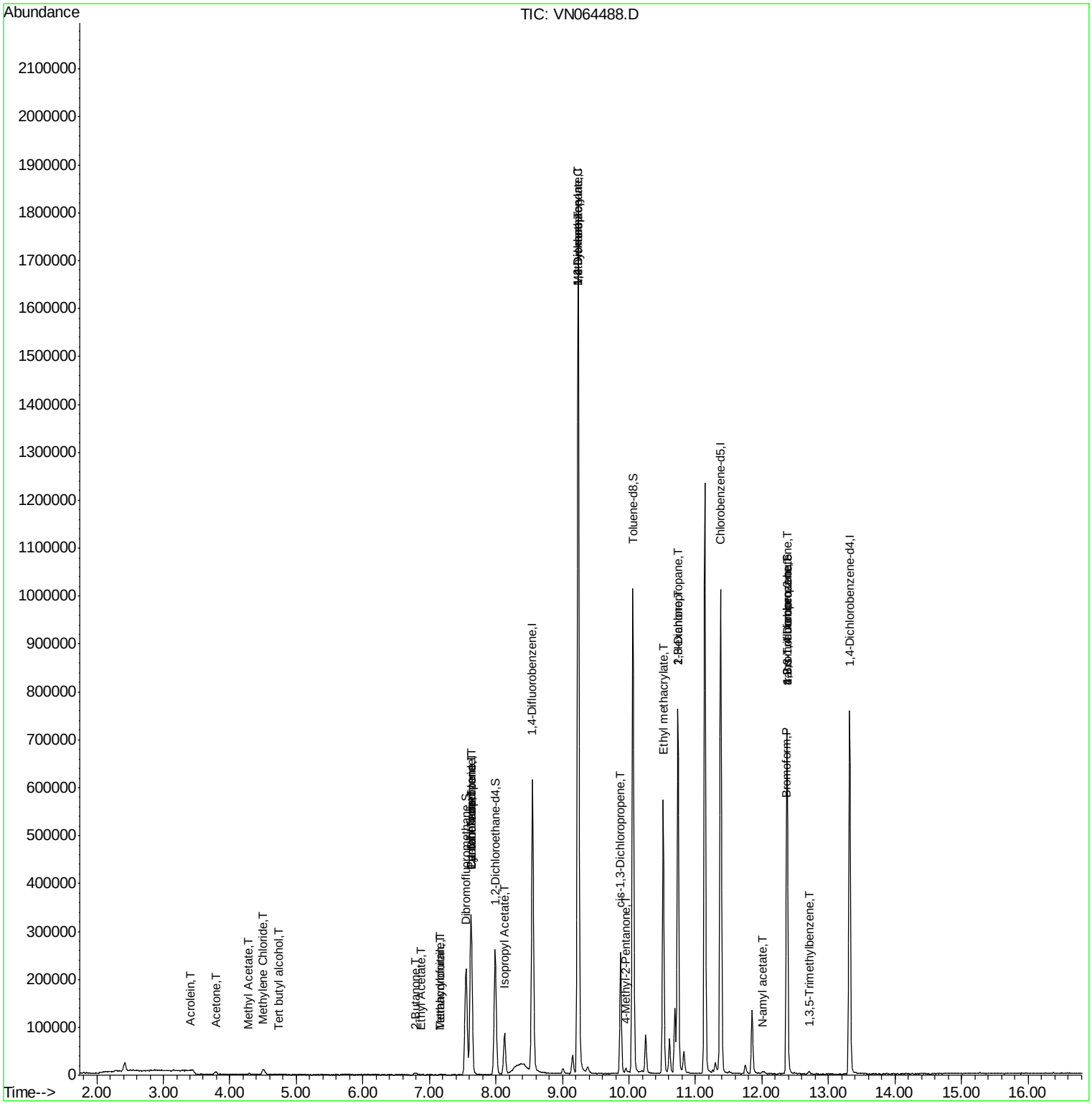
(#) = qualifier out of range (m) = manual integration (+) = signals summed

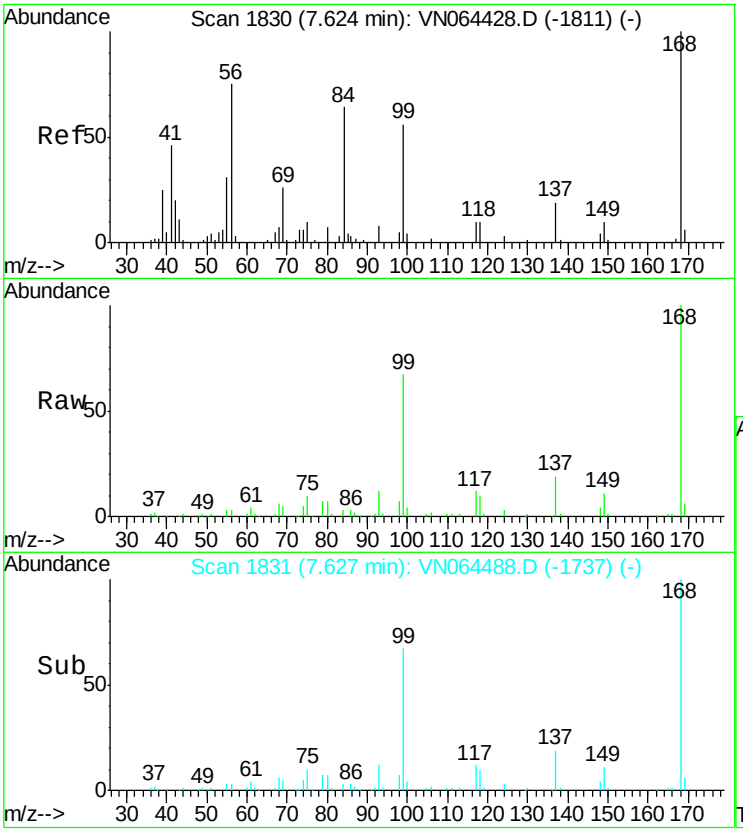
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110620\
Data File : VN064488.D
Acq On : 6 Nov 2020 17:15
Operator : JC/MD
Sample : PB132855ZHE#18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB132855ZHE#18

Quant Time: Nov 07 03:49:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration



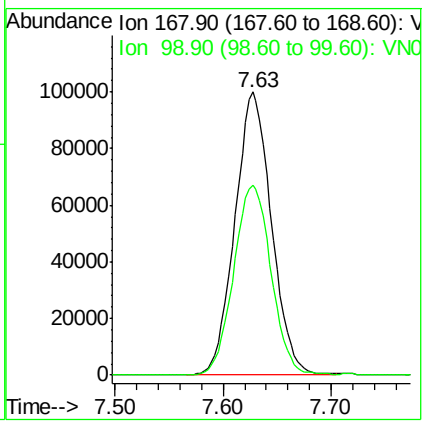


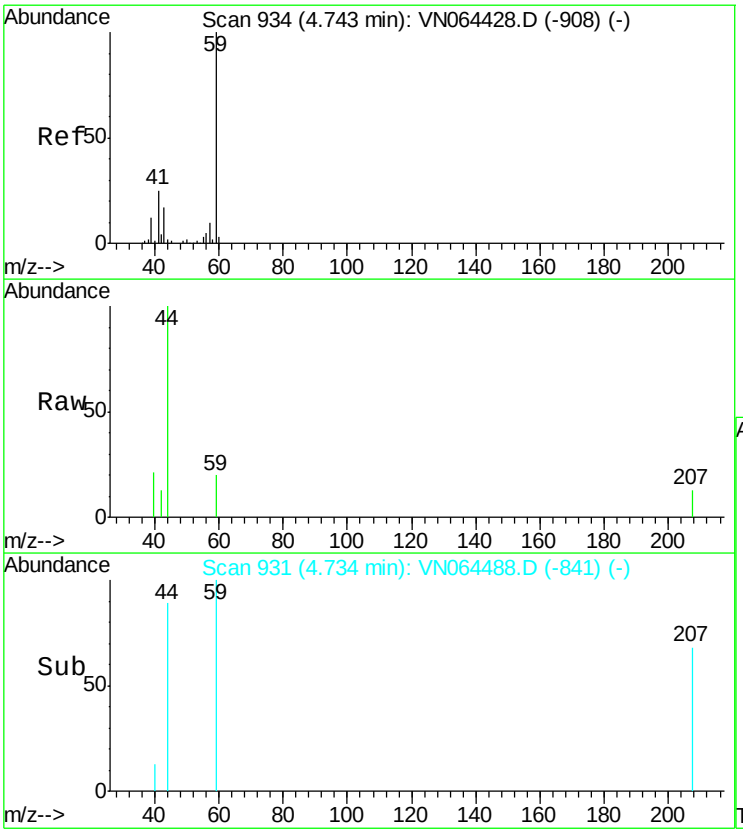
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB132855ZHE#18

Tgt Ion:168 Resp: 235916

Ion	Ratio	Lower	Upper
168	100		
99	67.2	53.4	80.2

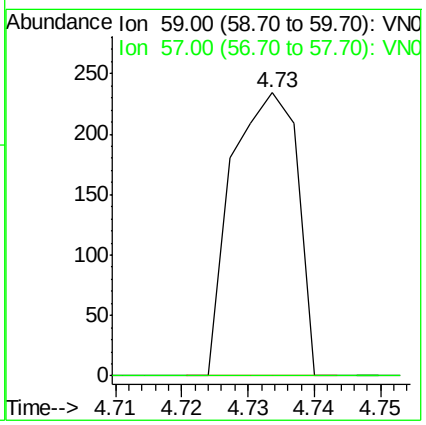


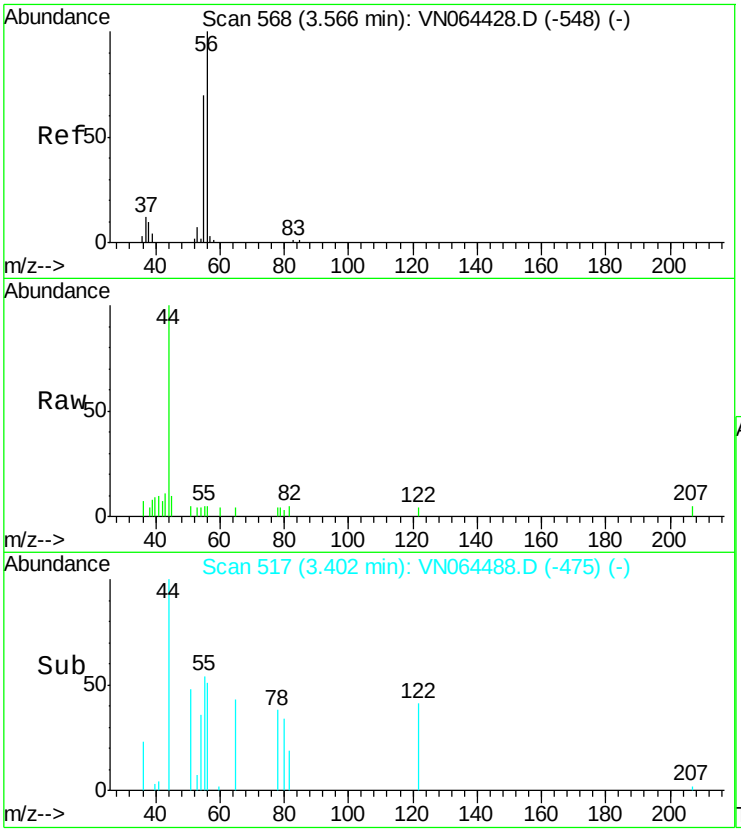


#11
Tert butyl alcohol
Concen: 0.355 ug/l
RT: 4.73 min Scan# 931
Delta R.T. -0.01 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Tgt Ion: 59 Resp: 161

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#



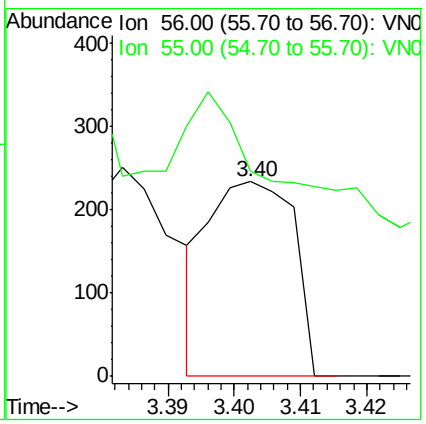


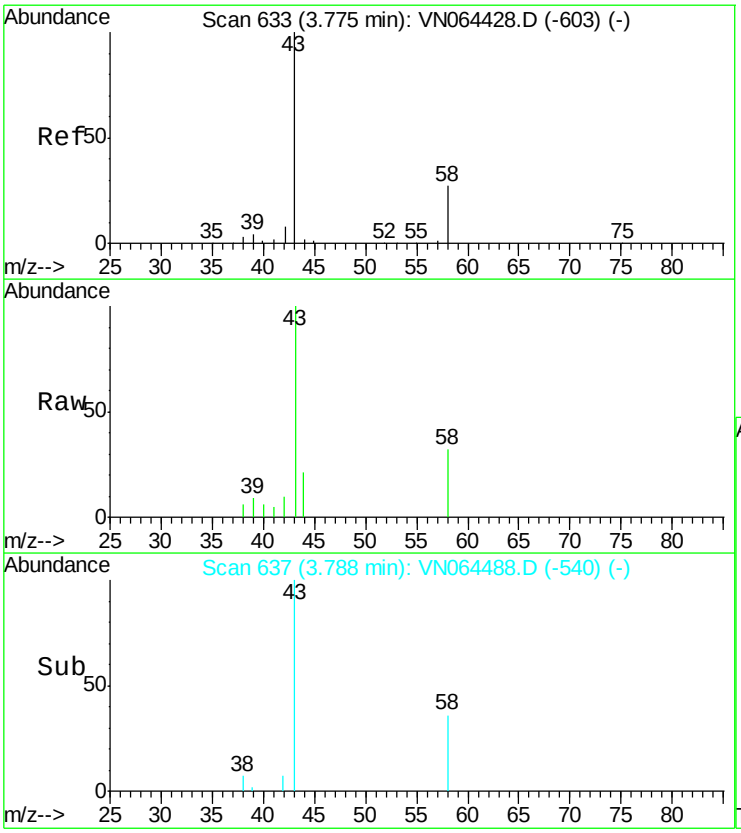
#13
Acrolein
Concen: 0.733 ug/l
RT: 3.40 min Scan# 517
Delta R.T. -0.16 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB132855ZHE#18

Tgt Ion: 56 Resp: 206

Ion	Ratio	Lower	Upper
56	100		
55	195.1	55.9	83.9#

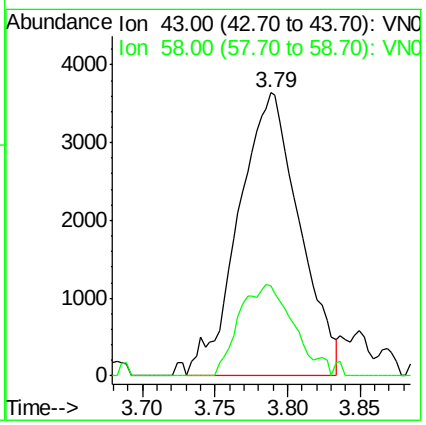


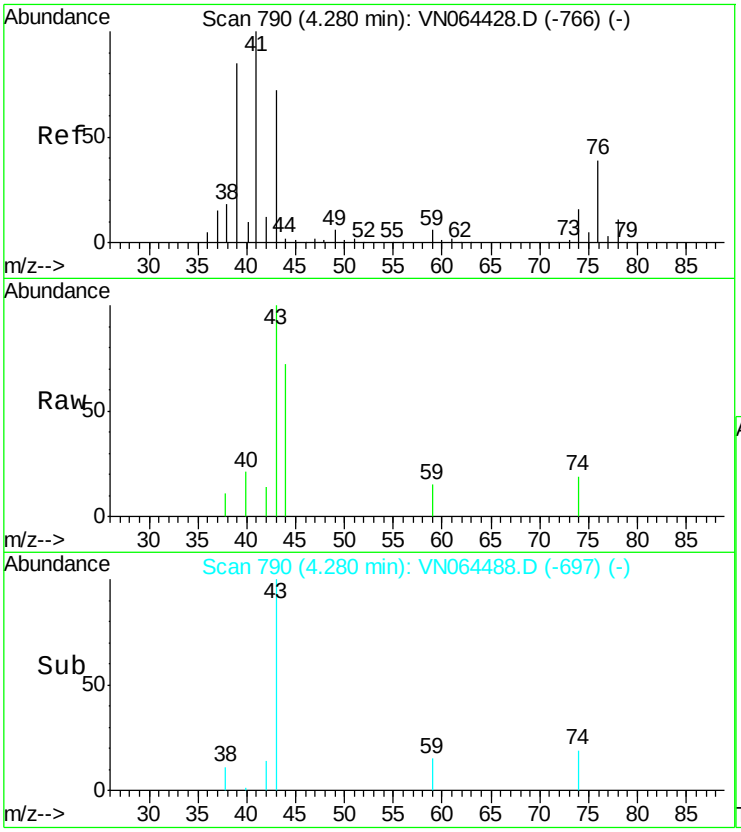


#16
Acetone
Concen: 6.777 ug/l
RT: 3.79 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Tgt Ion: 43 Resp: 10608

Ion	Ratio	Lower	Upper
43	100		
58	31.7	21.4	32.0



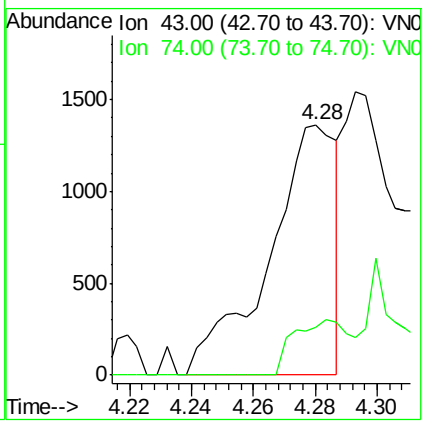


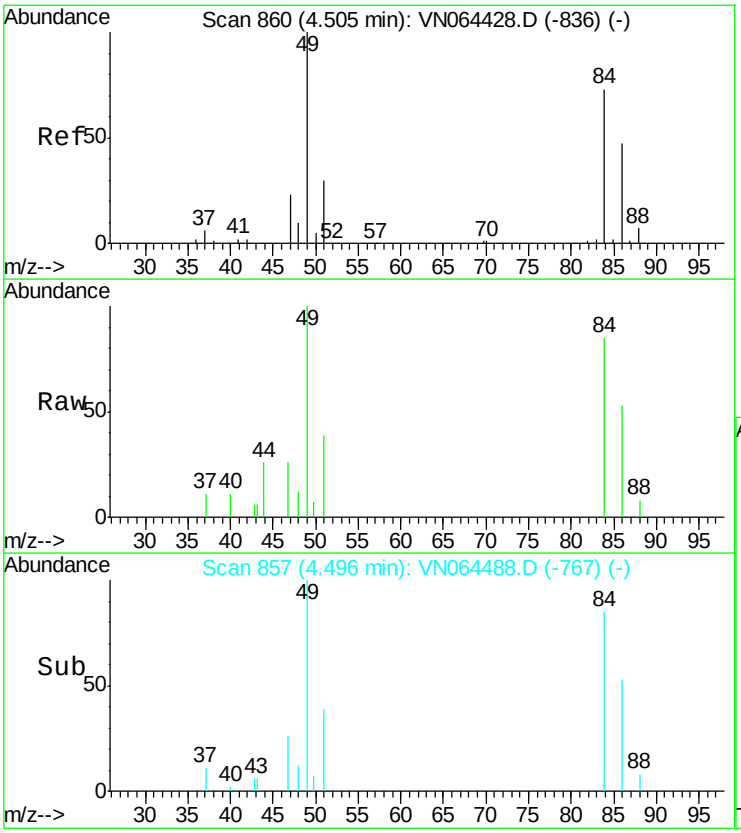
#18
Methyl Acetate
Concen: 0.668 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Instrument : MSVOA_N
ClientSampleId : PB132855ZHE#18

Tgt Ion: 43 Resp: 2057

Ion	Ratio	Lower	Upper
43	100		
74	18.6	17.0	25.4

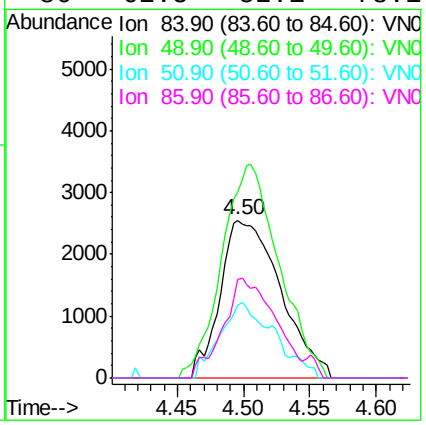


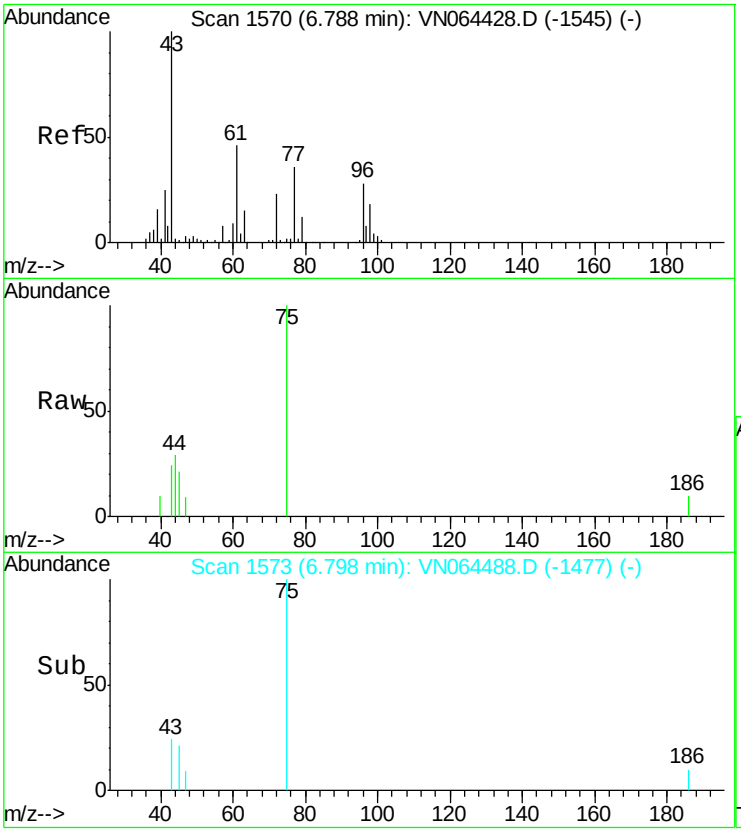


#20
Methylene Chloride
Concen: 2.600 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.01 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Tgt Ion: 84 Resp: 8076

Ion	Ratio	Lower	Upper
84	100		
49	117.8	110.1	165.1
51	46.0	33.6	50.4
86	62.5	52.1	78.1



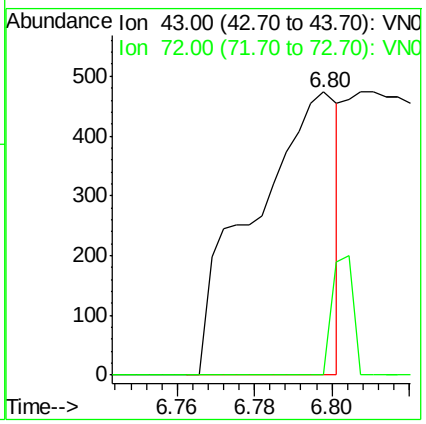


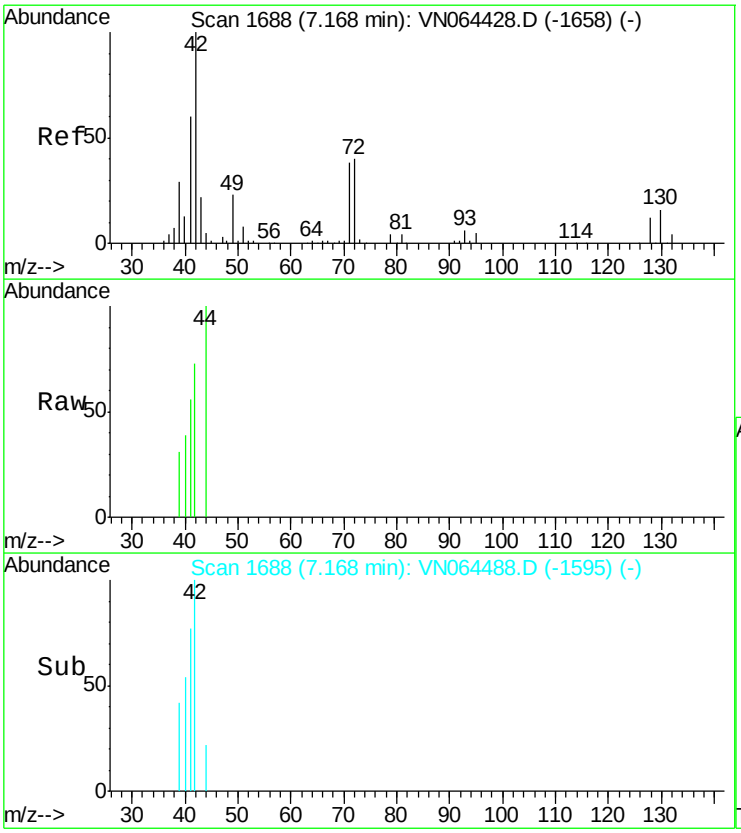
#25
2-Butanone
Concen: 0.357 ug/l
RT: 6.80 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB132855ZHE#18

Tgt Ion: 43 Resp: 713

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.5	27.7#

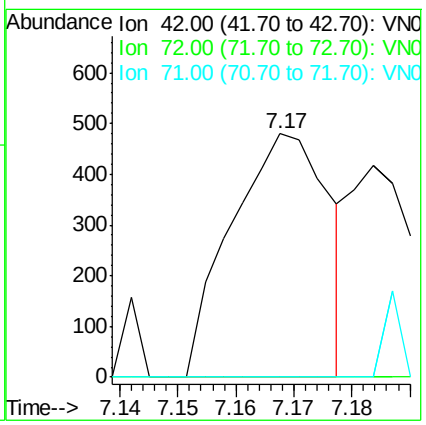


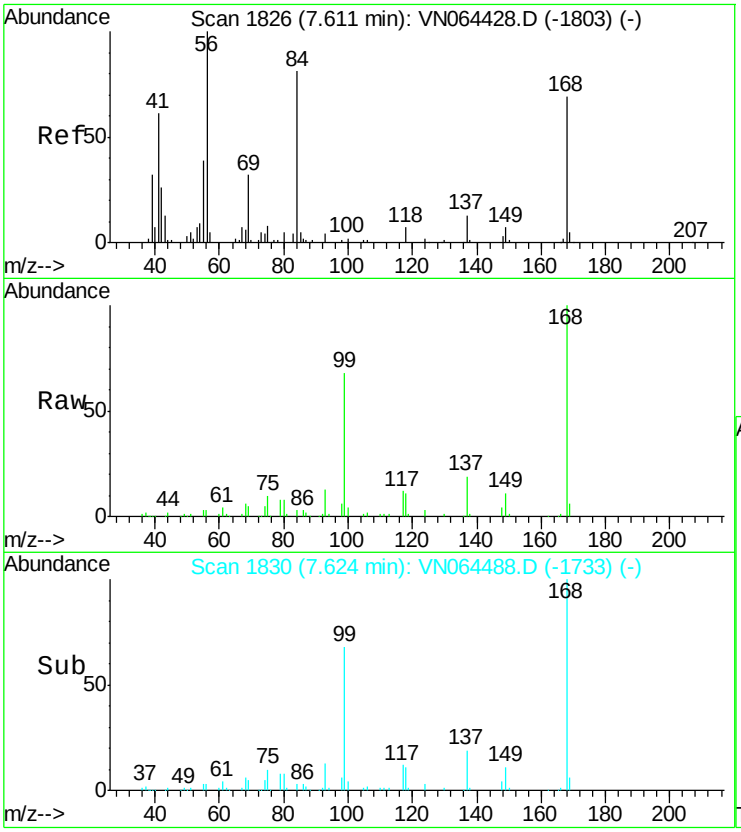


#29
Tetrahydrofuran
Concen: 0.457 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Tgt Ion: 42 Resp: 559

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.7	47.5#
71	5.9	29.8	44.6#



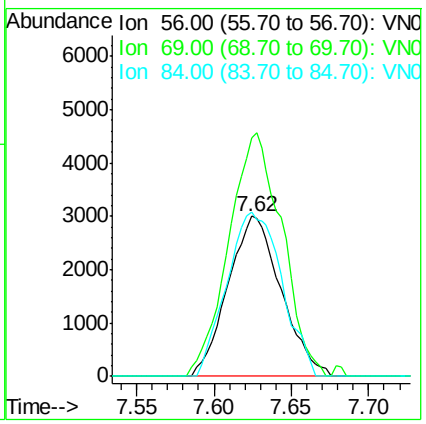


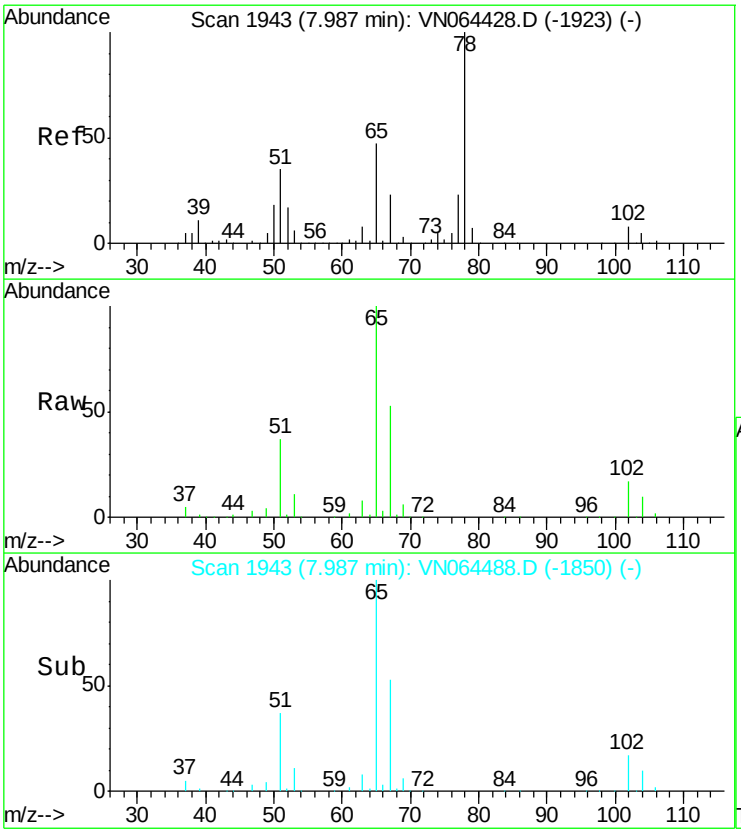
#31
Cyclohexane
Concen: 1.433 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Instrument : MSVOA_N
ClientSampleId : PB132855ZHE#18

Tgt Ion: 56 Resp: 7156

Ion	Ratio	Lower	Upper
56	100		
69	148.9	25.6	38.4#
84	102.4	63.0	94.6#

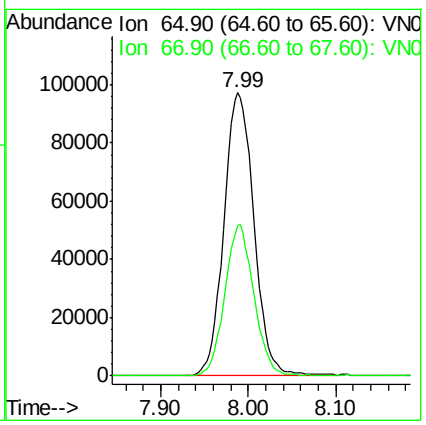


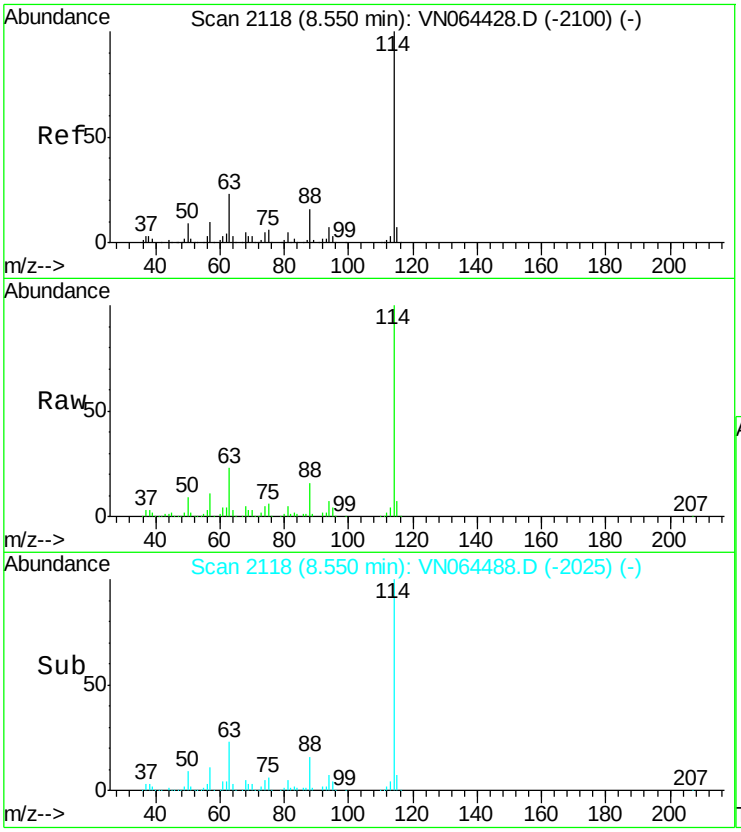


#33
1,2-Dichloroethane-d4
Concen: 56.356 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Tgt Ion: 65 Resp: 231582

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	101.6



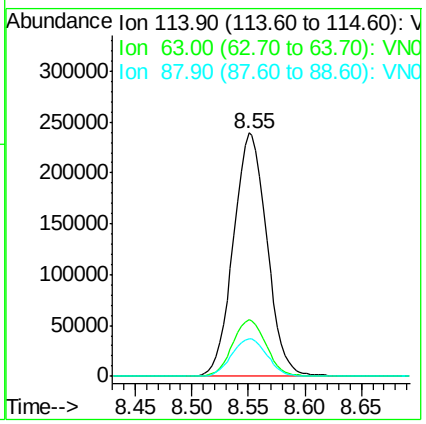


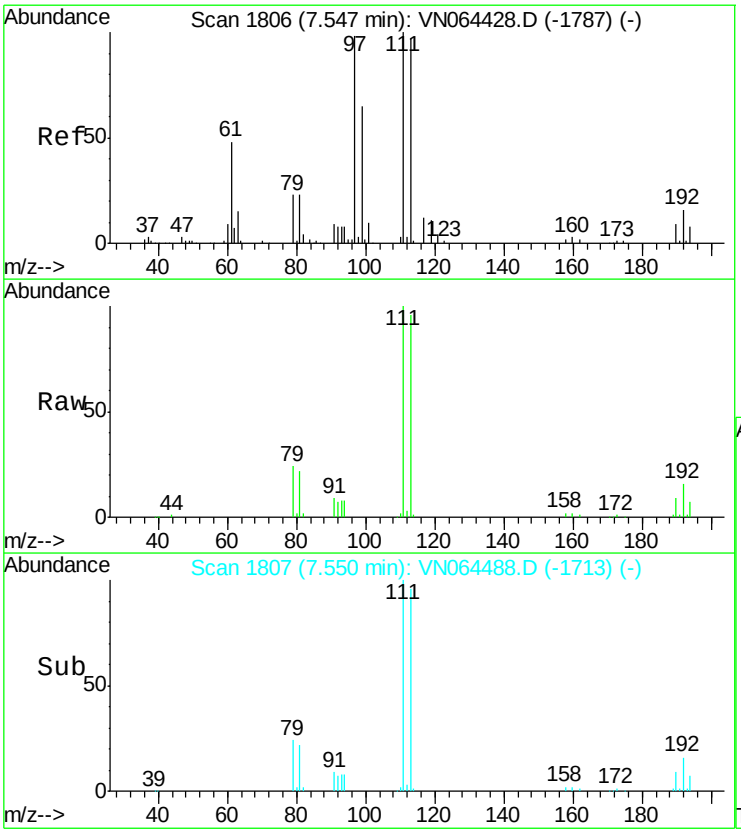
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB132855ZHE#18

Tgt Ion:114 Resp: 494834

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.6
88	15.5	0.0	32.8

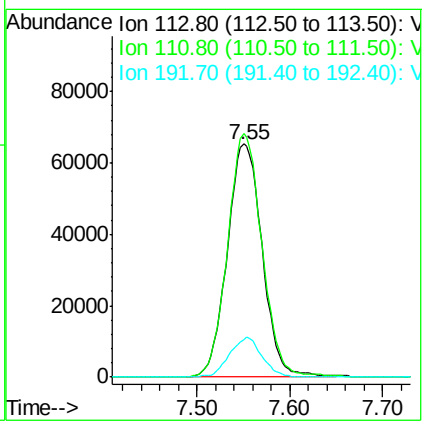


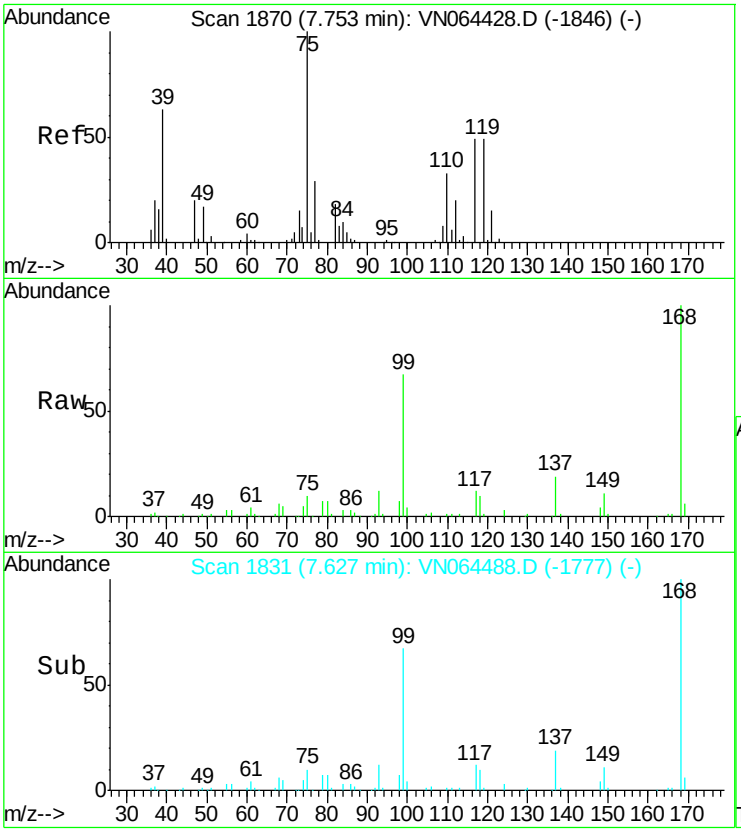


#35
Dibromofluoromethane
Concen: 50.619 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Tgt Ion:113 Resp: 170543

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.1	121.7
192	15.8	12.8	19.2



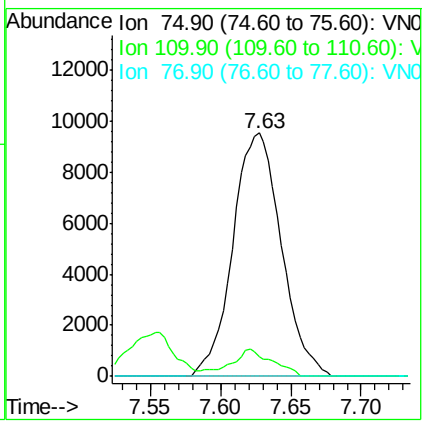


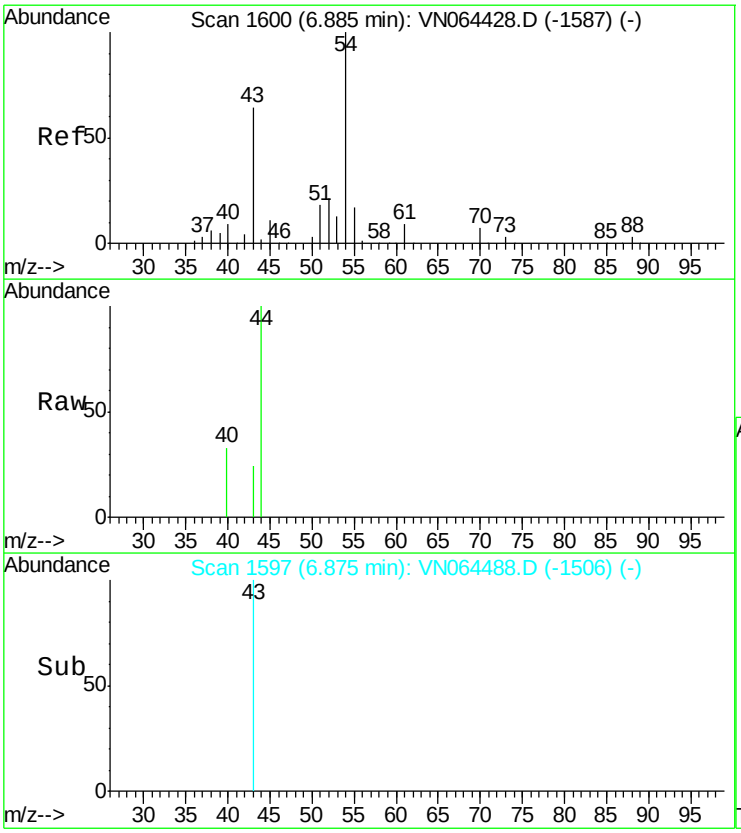
#36
1,1-Dichloropropene
Concen: 4.381 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB132855ZHE#18

Tgt Ion: 75 Resp: 22902

Ion	Ratio	Lower	Upper
75	100		
110	9.6	16.0	48.0#
77	0.0	24.0	36.0#

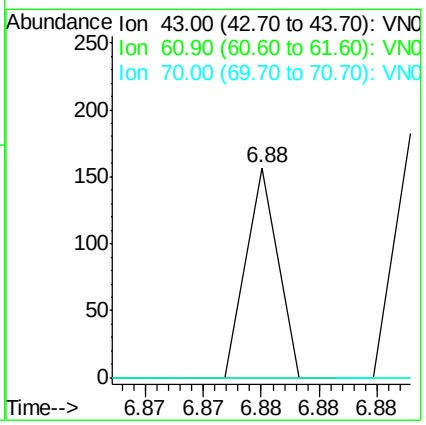


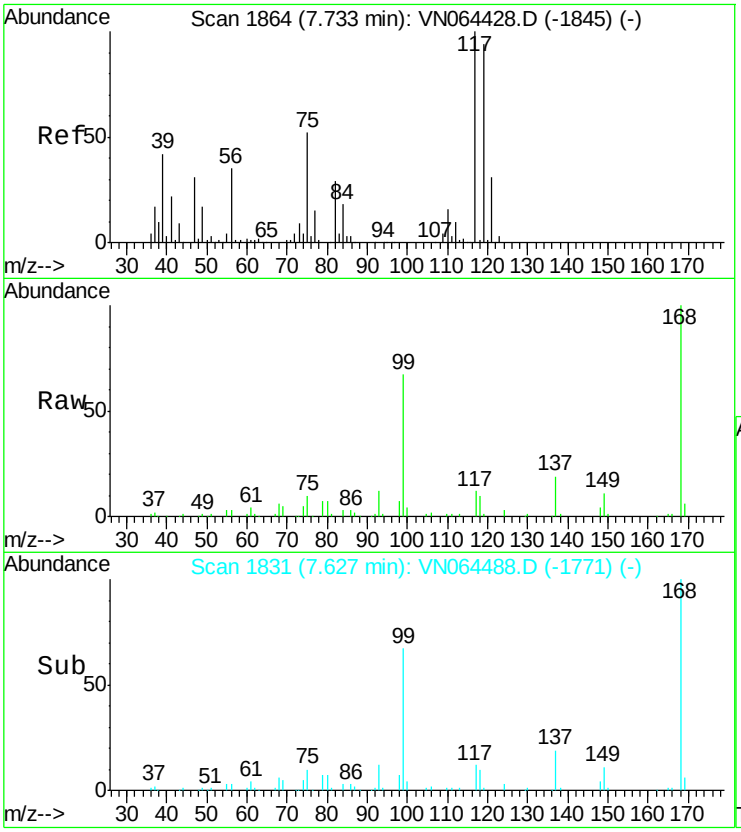


#37
Ethyl Acetate
Concen: 0.768 ug/l
RT: 6.88 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Tgt Ion: 43 Resp: 30

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.0	15.0#
70	0.0	7.1	10.7#



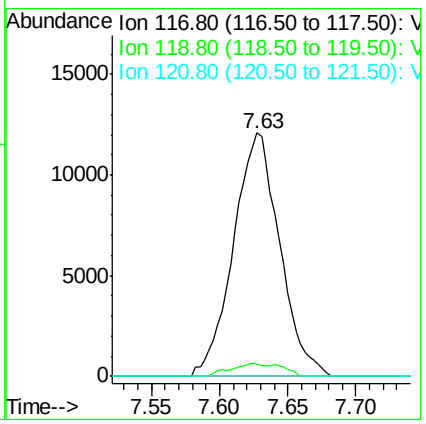


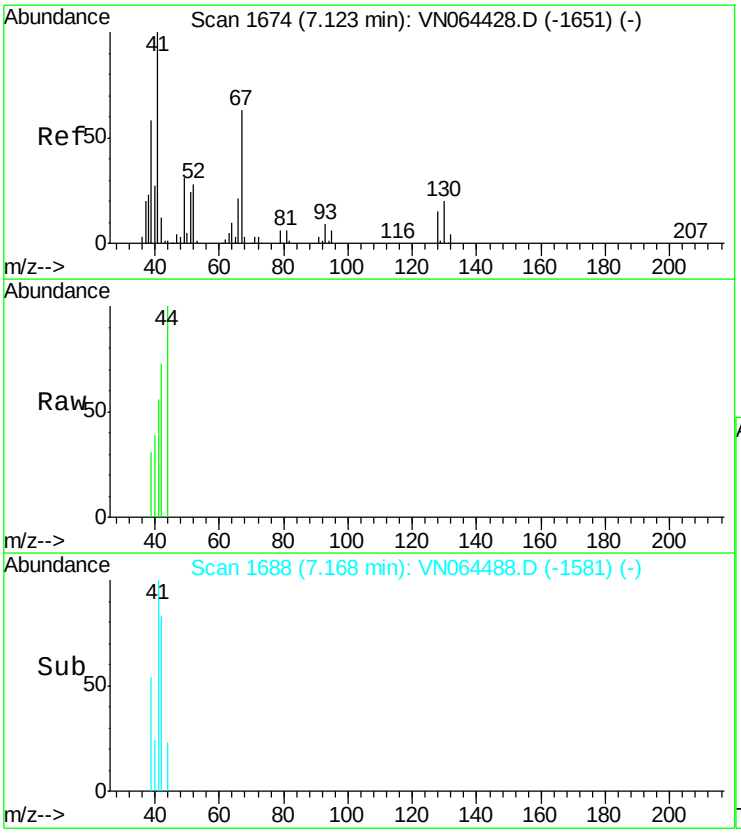
#38
Carbon Tetrachloride
Concen: 5.099 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Instrument : MSVOA_N
ClientSampleId : PB132855ZHE#18

Tgt Ion:117 Resp: 28490

Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.5	113.3#
121	0.0	24.4	36.6#

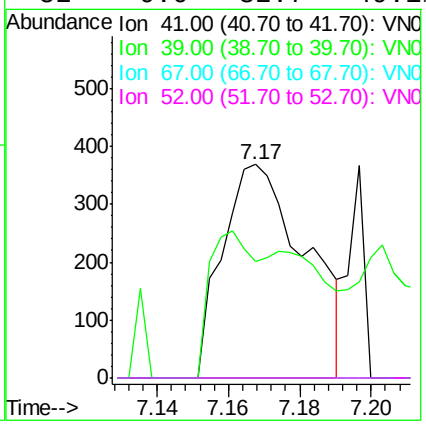


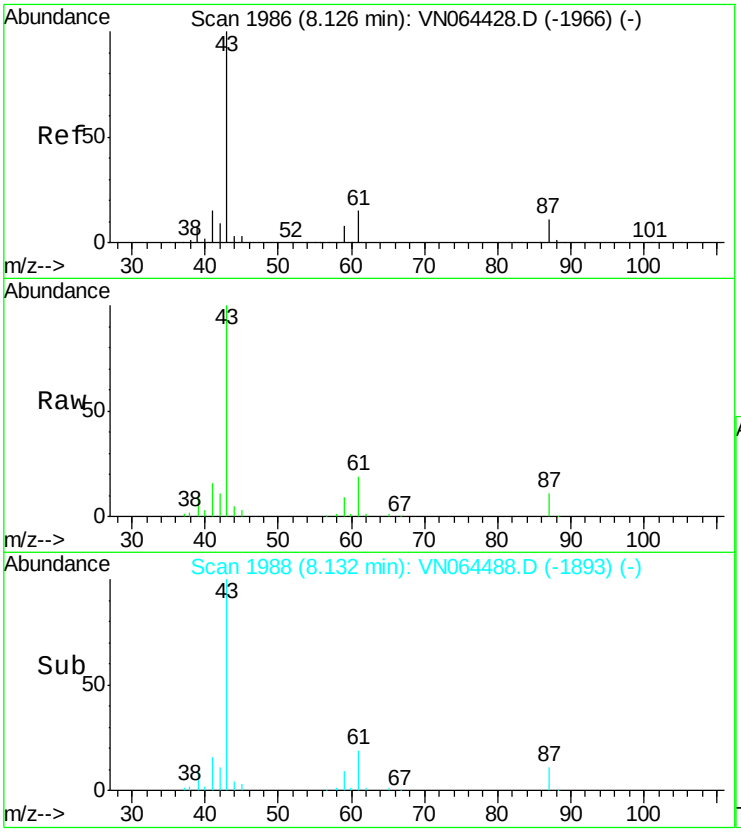


#41
Methacrylonitrile
Concen: 0.256 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.05 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Tgt Ion: 41 Resp: 593

Ion	Ratio	Lower	Upper
41	100		
39	36.6	50.0	75.0#
67	0.0	68.3	102.5#
52	0.0	32.7	49.1#



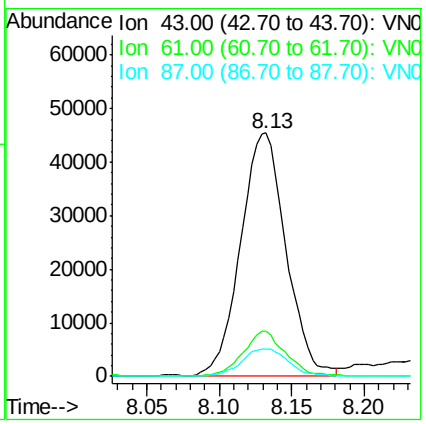


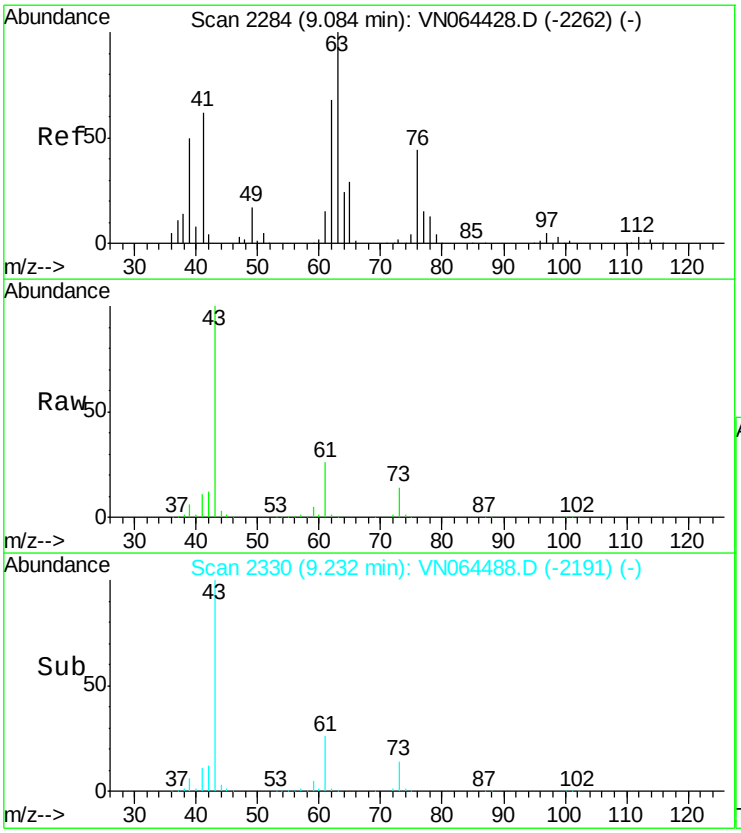
#43
Isopropyl Acetate
Concen: 11.700 ug/l
RT: 8.13 min Scan# 1988
Delta R.T. 0.01 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Instrument : MSVOA_N
ClientSampleId : PB132855ZHE#18

Tgt Ion: 43 Resp: 99120

Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.0	21.0
87	11.7	9.1	13.7

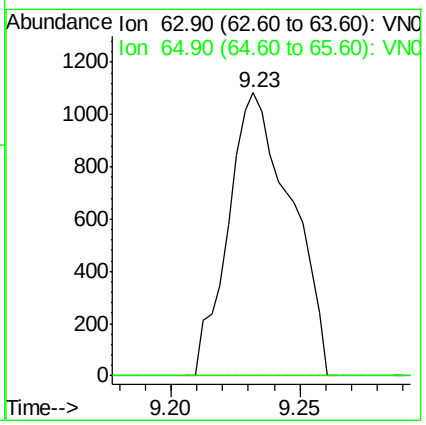


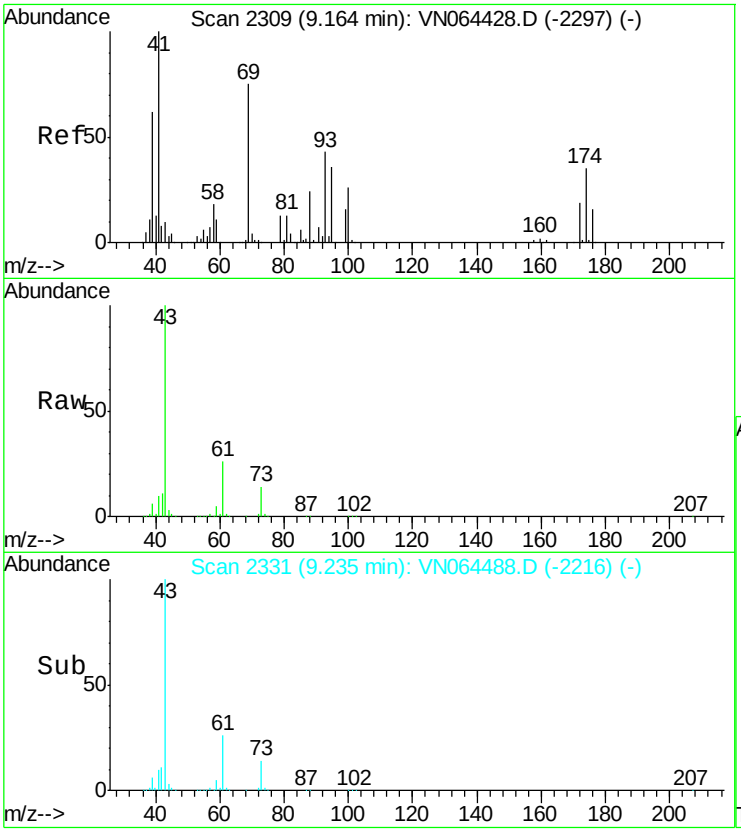


#45
1,2-Dichloropropane
Concen: 0.449 ug/l
RT: 9.23 min Scan# 2330
Delta R.T. 0.15 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Tgt Ion: 63 Resp: 1839

Ion	Ratio	Lower	Upper
63	100		
65	0.0	23.6	35.4#



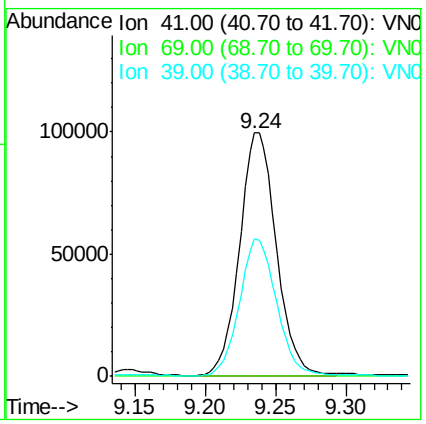


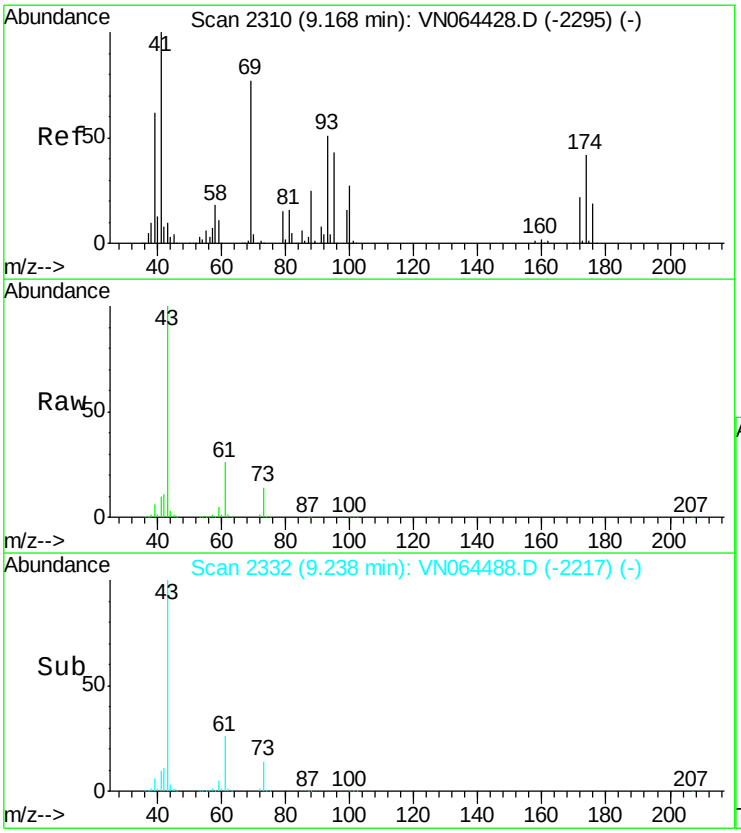
#48
Methyl methacrylate
Concen: 42.402 ug/l
RT: 9.24 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Instrument : MSVOA_N
ClientSampleId : PB132855ZHE#18

Tgt Ion: 41 Resp: 181262

Ion	Ratio	Lower	Upper
41	100		
69	0.0	60.4	90.6#
39	57.0	51.2	76.8

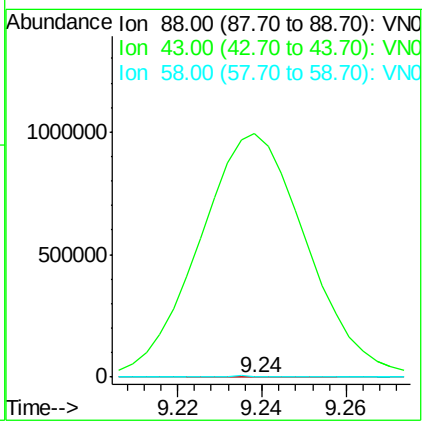


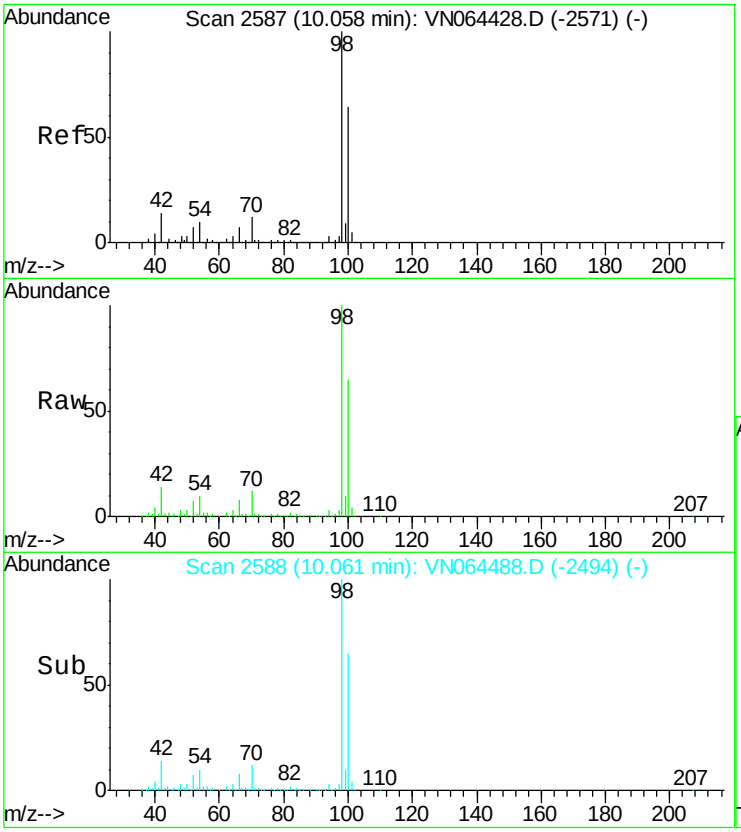


#49
1,4-Dioxane
Concen: 5.594 ug/l
RT: 9.24 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Tgt Ion: 88 Resp: 315

Ion	Ratio	Lower	Upper
88	100		
43	572118.7	31.0	46.6#
58	2890.8	58.4	87.6#



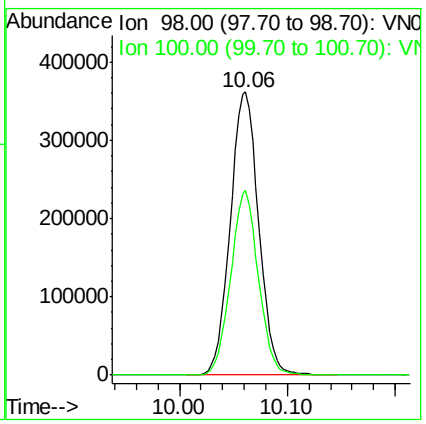


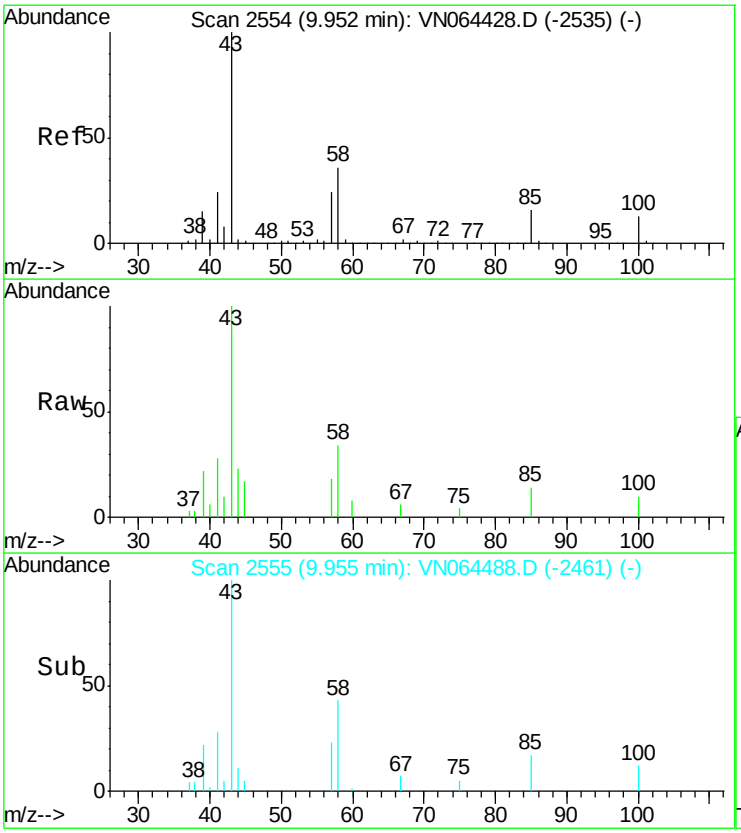
#50
Toluene-d8
Concen: 51.064 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Instrument : MSVOA_N
ClientSampleId : PB132855ZHE#18

Tgt Ion: 98 Resp: 664948

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.7	76.1

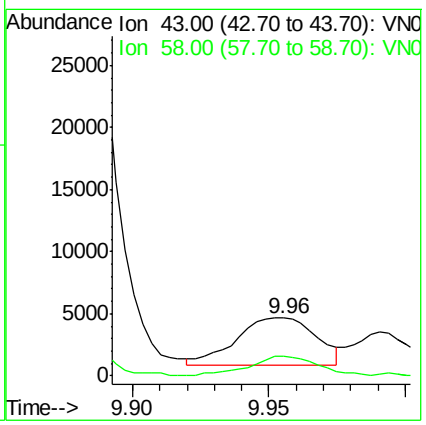


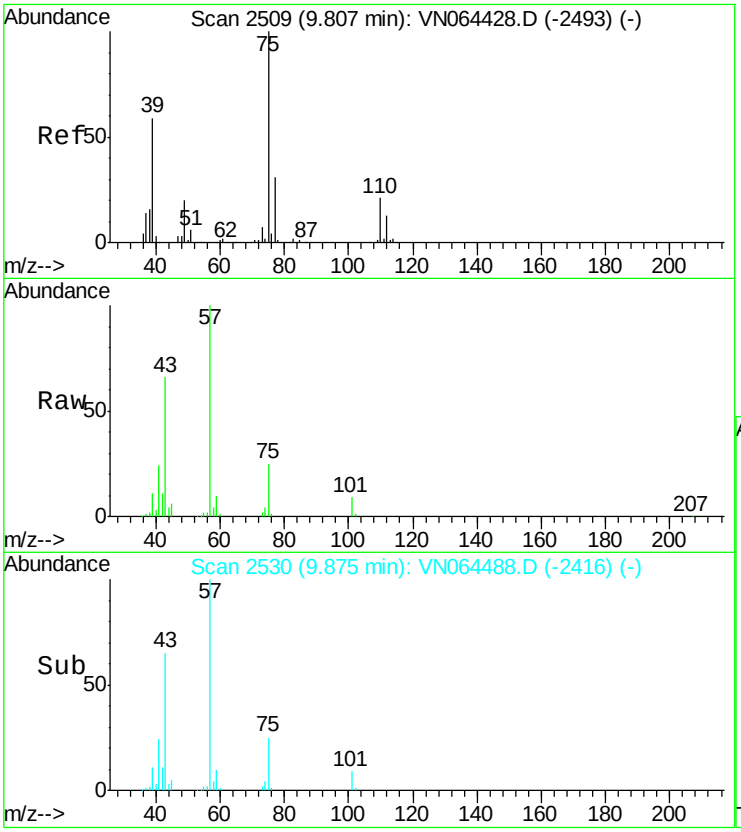


#51
4-Methyl-2-Pentanone
Concen: 1.592 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Tgt Ion: 43 Resp: 7866

Ion	Ratio	Lower	Upper
43	100		
58	36.0	28.4	42.6



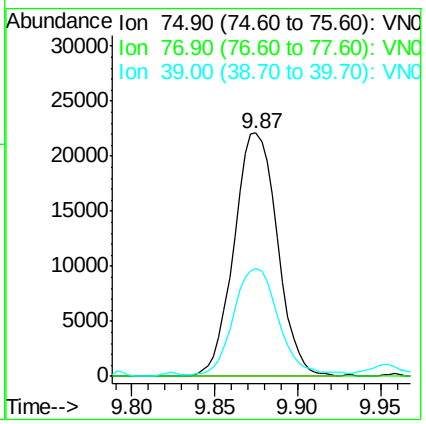


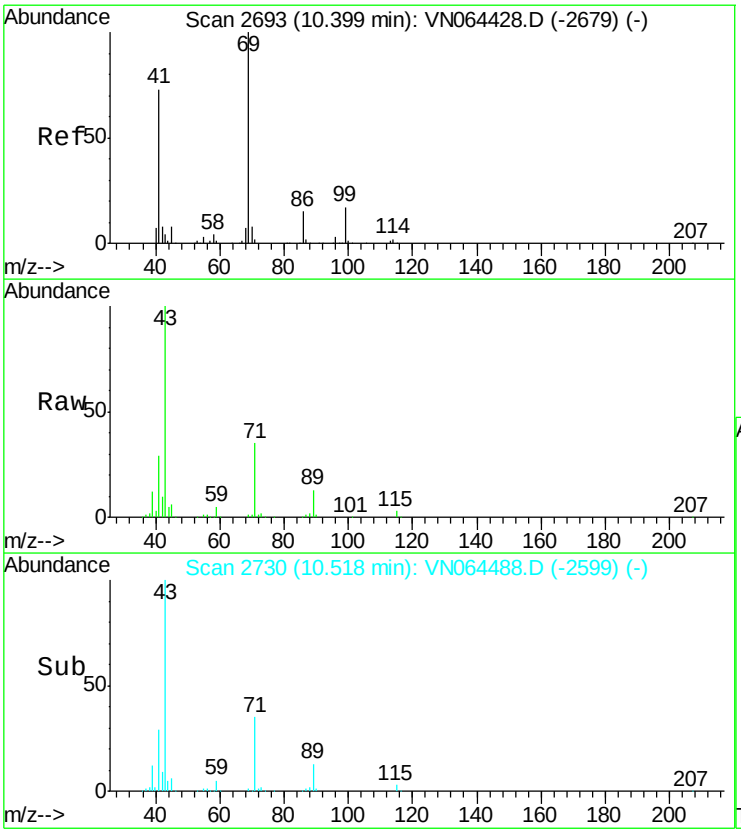
#54
cis-1,3-Dichloropropene
Concen: 6.117 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB132855ZHE#18

Tgt Ion: 75 Resp: 40226

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.9	37.3#
39	42.8	47.1	70.7#

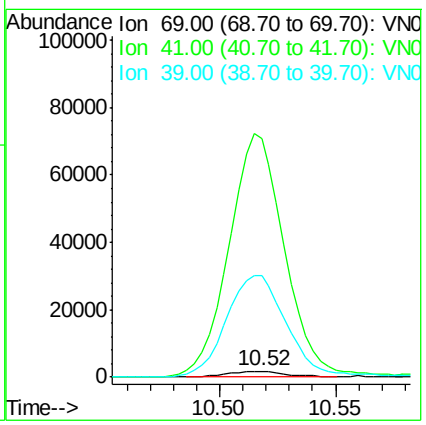


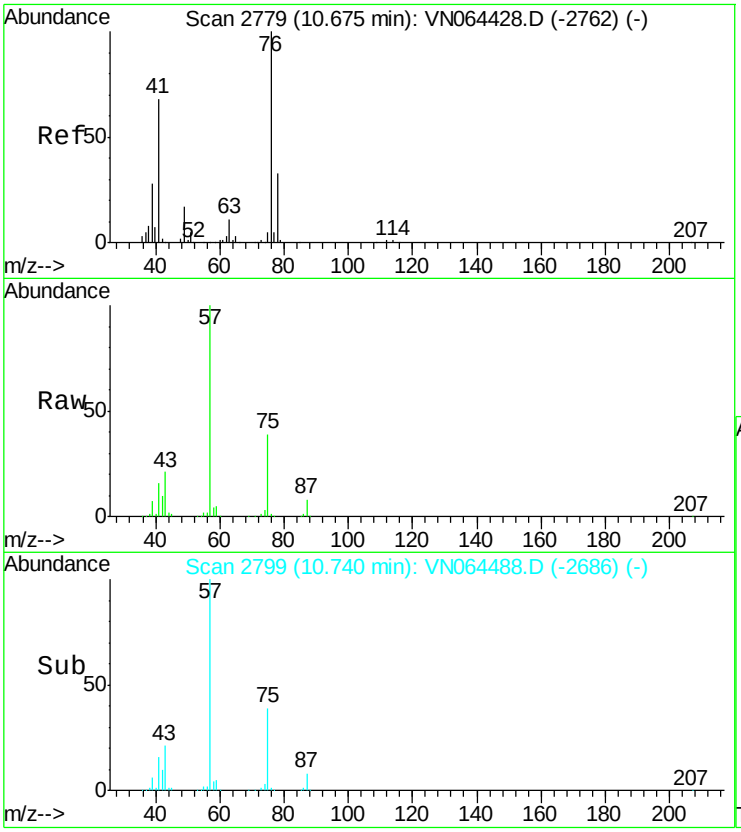


#56
Ethyl methacrylate
Concen: 2.323 ug/l
RT: 10.52 min Scan# 2730
Delta R.T. 0.12 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Tgt Ion: 69 Resp: 3007

Ion	Ratio	Lower	Upper
69	100		
41	3976.6	59.3	88.9#
39	1823.1	35.4	53.0#



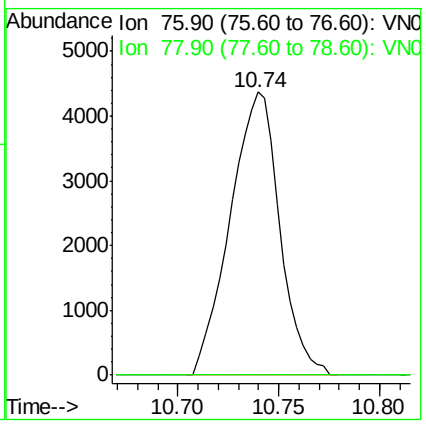


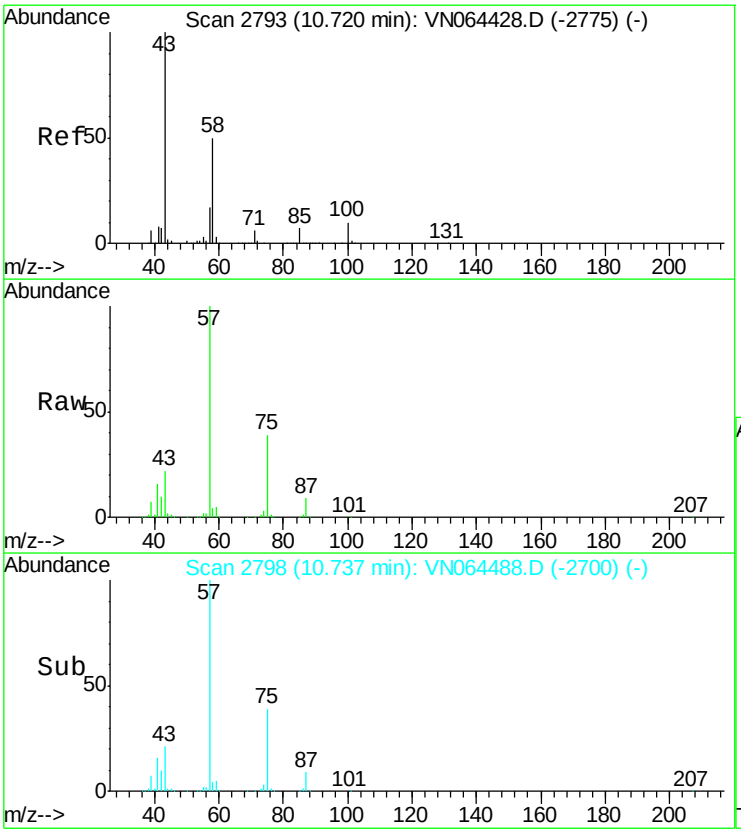
#57
1,3-Dichloropropane
Concen: 1.176 ug/l
RT: 10.74 min Scan# 2799
Delta R.T. 0.06 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB132855ZHE#18

Tgt Ion: 76 Resp: 7499

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.6#

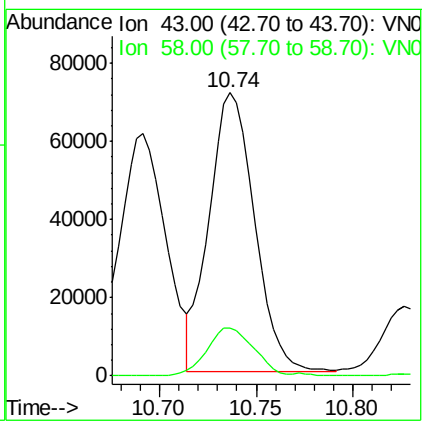


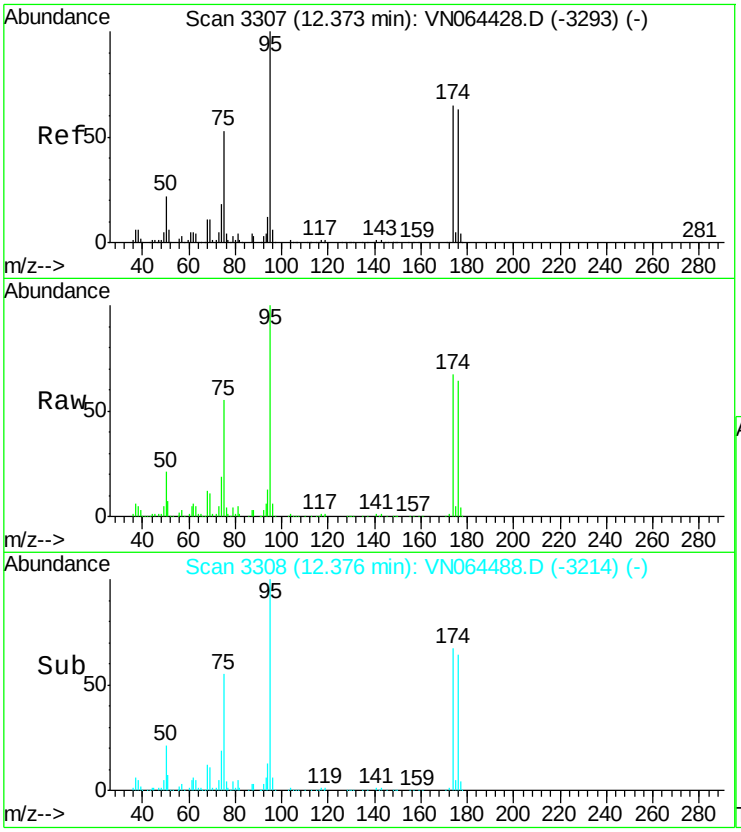


#59
2-Hexanone
Concen: 32.666 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Tgt Ion: 43 Resp: 117263

Ion	Ratio	Lower	Upper
43	100		
58	18.0	24.7	74.1#



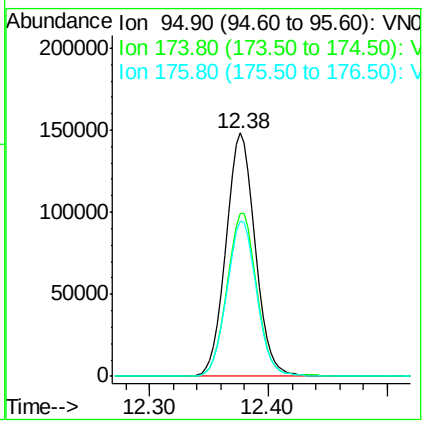


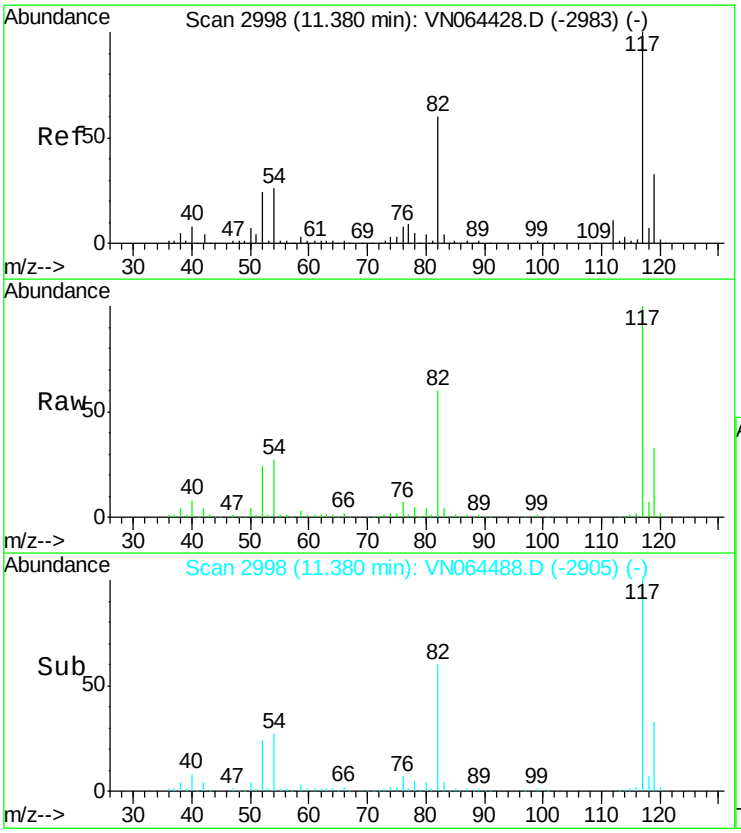
#62
4-Bromofluorobenzene
Concen: 51.193 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB132855ZHE#18

Tgt Ion: 95 Resp: 252110

Ion	Ratio	Lower	Upper
95	100		
174	68.6	0.0	132.6
176	65.2	0.0	129.2

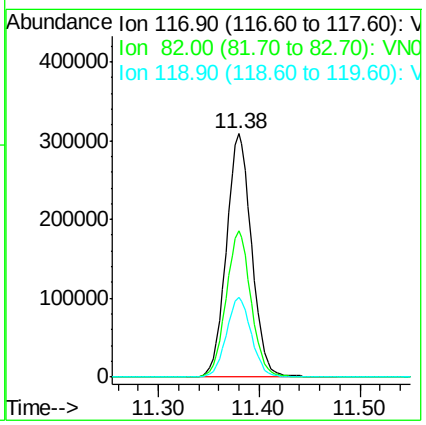


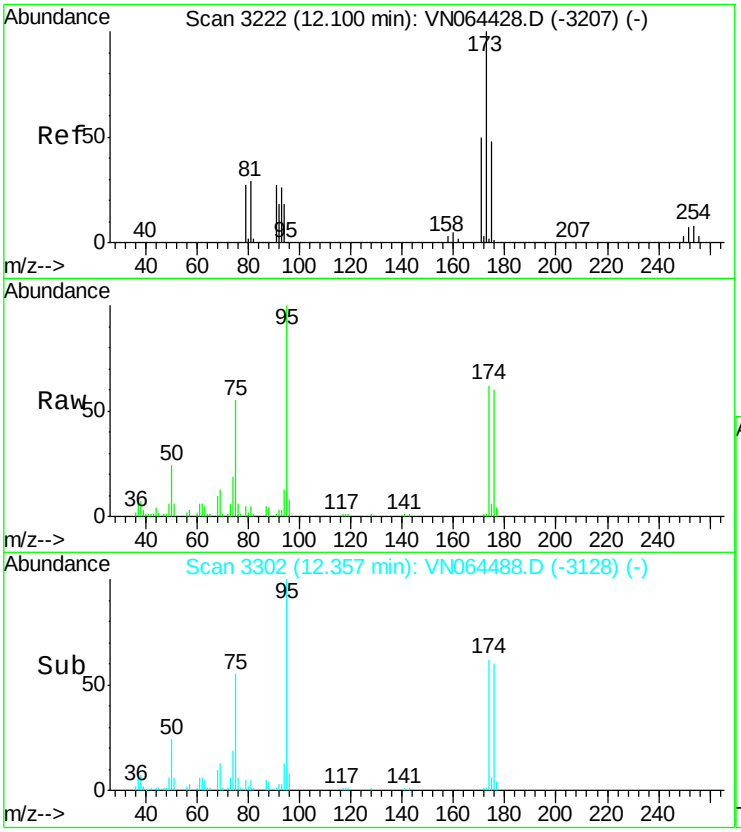


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Tgt Ion:117 Resp: 538059

Ion	Ratio	Lower	Upper
117	100		
82	59.9	48.1	72.1
119	32.6	26.2	39.4



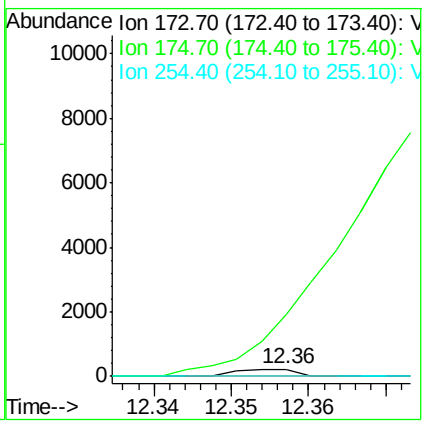


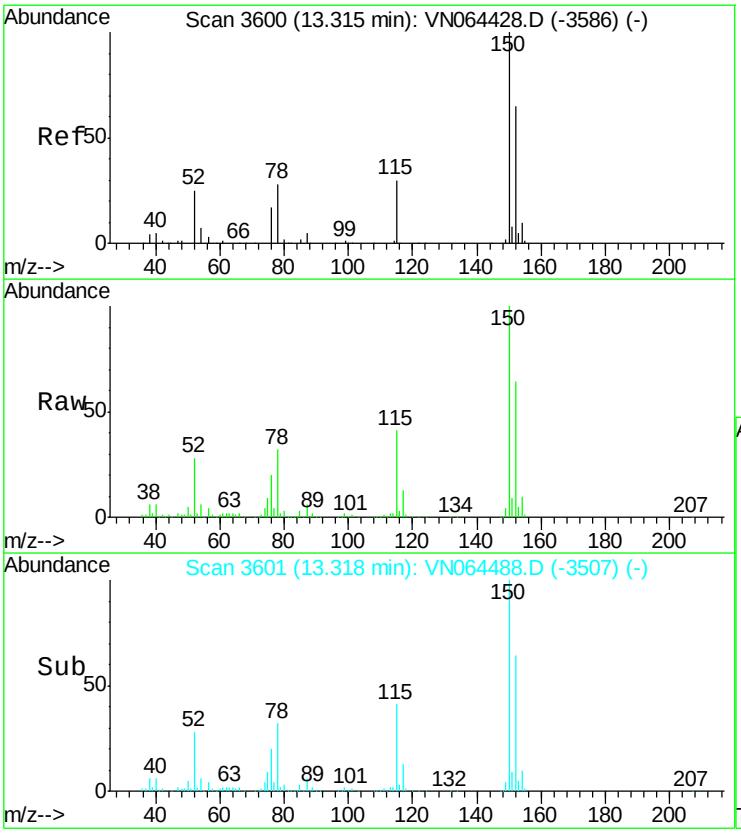
#71
Bromoform
Concen: 1.309 ug/l
RT: 12.36 min Scan# 3302
Delta R.T. 0.26 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Instrument : MSVOA_N
ClientSampleId : PB132855ZHE#18

Tgt Ion:173 Resp: 115

Ion	Ratio	Lower	Upper
173	100		
175	9791.3	23.7	71.1#
254	0.0	0.0	0.0

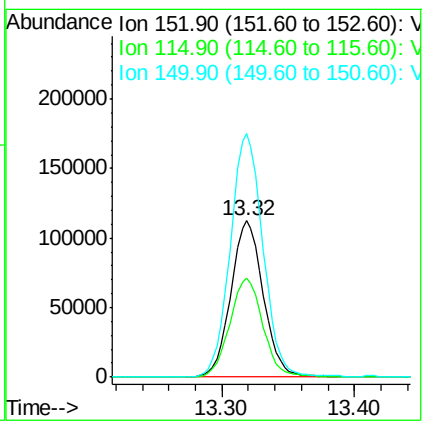


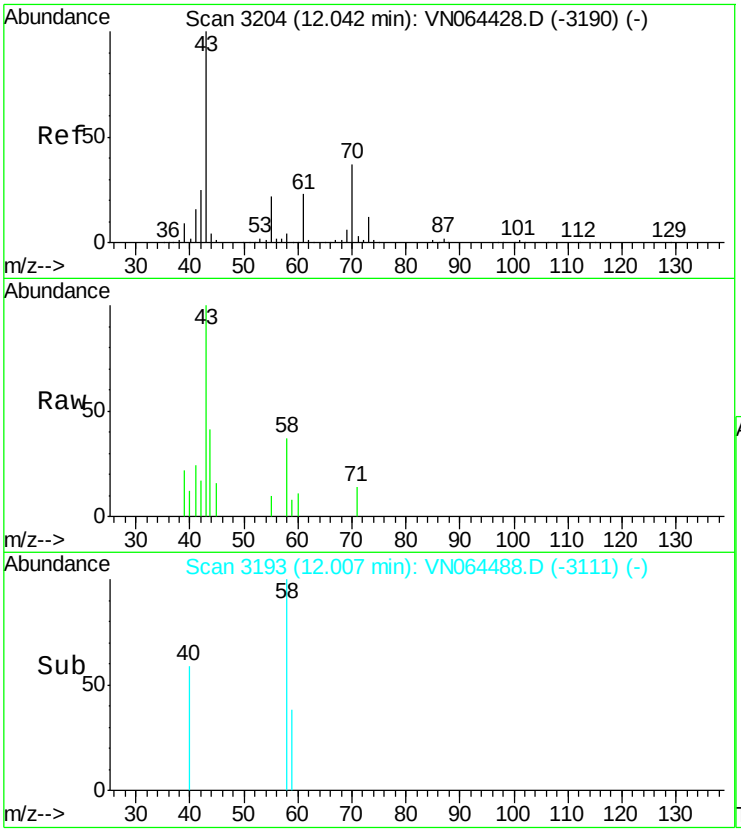


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Tgt Ion:152 Resp: 190783

Ion	Ratio	Lower	Upper
152	100		
115	64.6	32.0	96.0
150	157.2	0.0	353.8



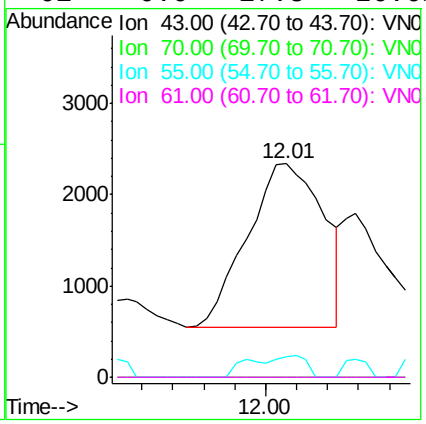


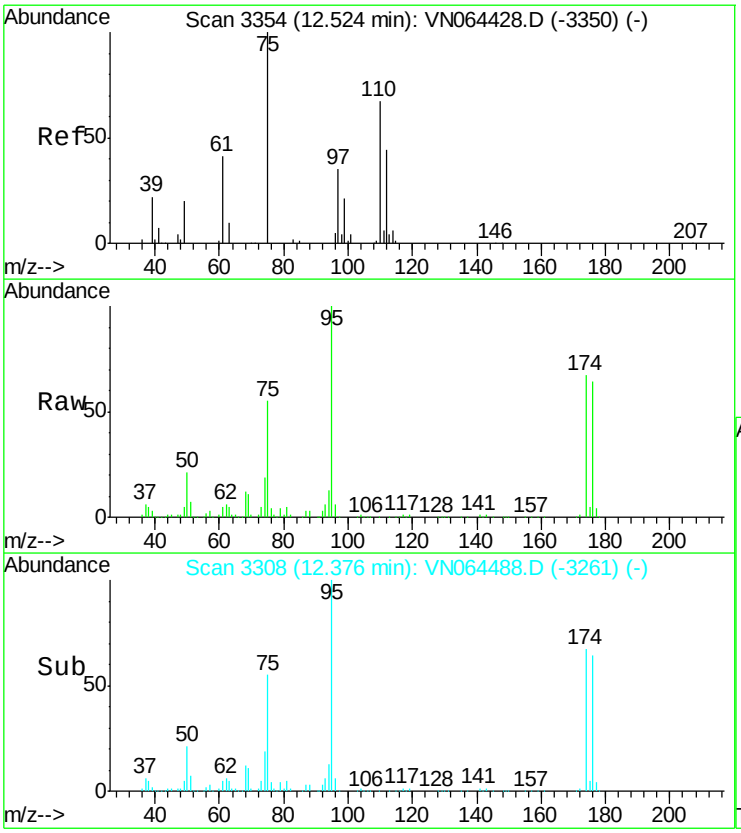
#74
N-amyl acetate
Concen: 1.622 ug/l
RT: 12.01 min Scan# 3193
Delta R.T. -0.04 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Instrument : MSVOA_N
ClientSampleId : PB132855ZHE#18

Tgt Ion: 43 Resp: 3069

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.6	44.4#
55	5.4	18.4	27.6#
61	0.0	17.8	26.6#

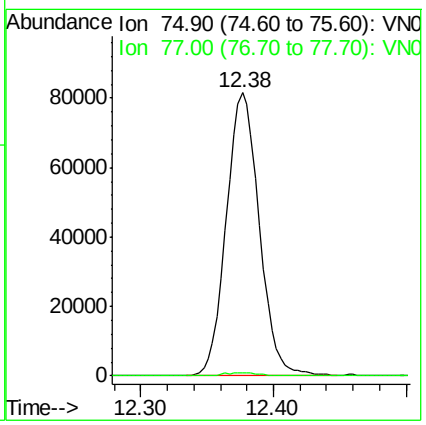


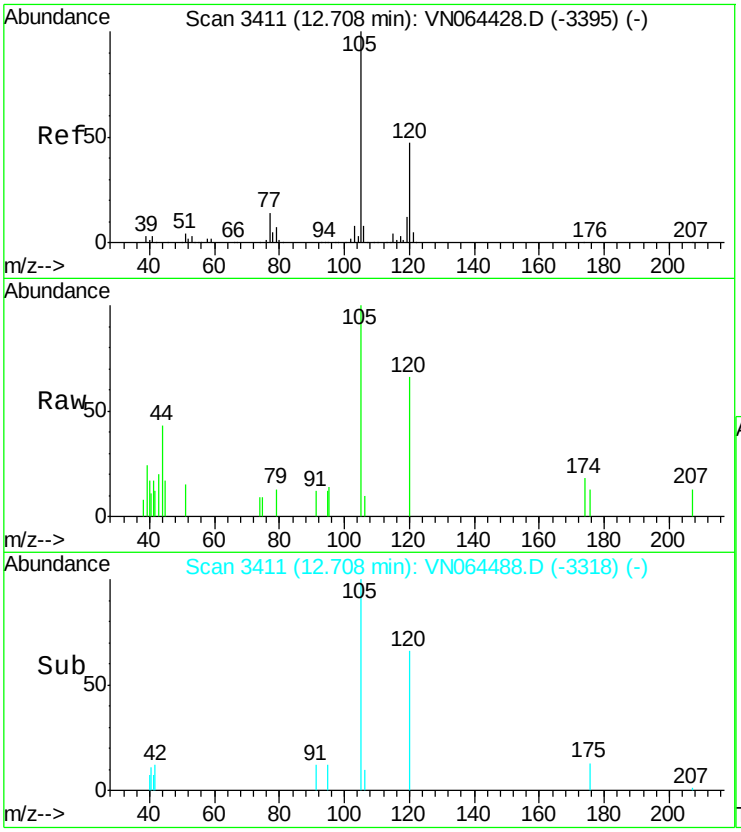


#76
1,2,3-Trichloropropane
Concen: 30.475 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Tgt Ion: 75 Resp: 140873

Ion	Ratio	Lower	Upper
75	100		
77	0.7	0.0	0.0#



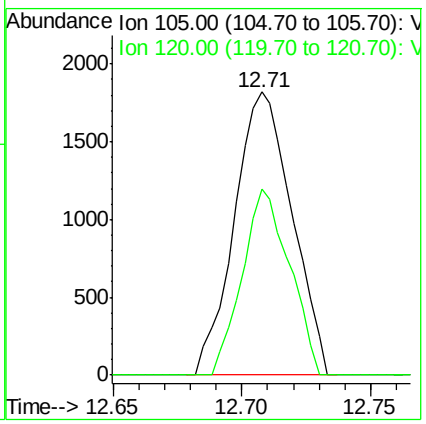


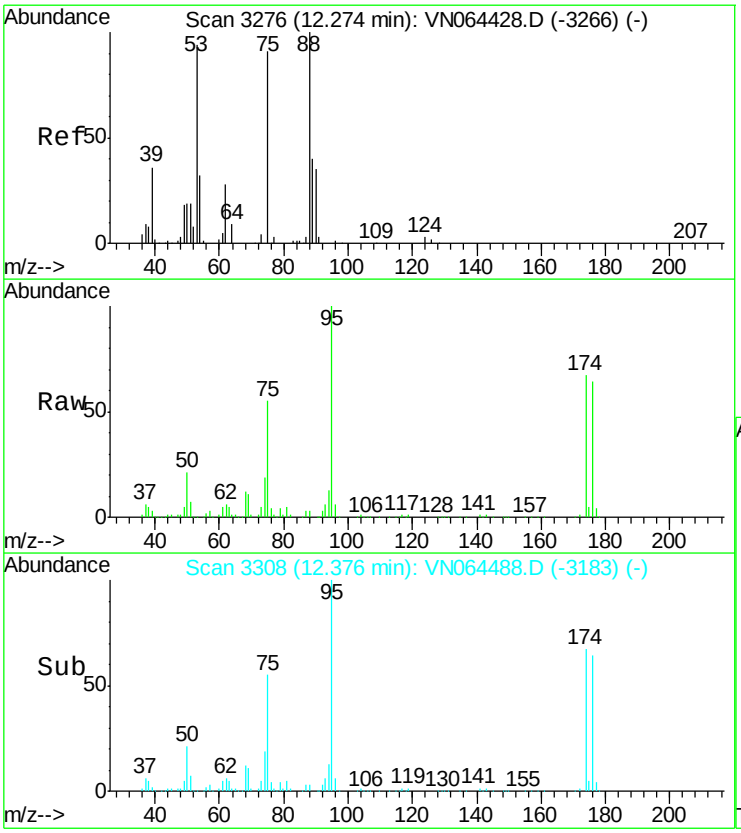
#80
1,3,5-Trimethylbenzene
Concen: 0.226 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB132855ZHE#18

Tgt Ion:105 Resp: 2831

Ion	Ratio	Lower	Upper
105	100		
120	54.1	23.4	70.2





#81
trans-1,4-Dichloro-2-butene
Concen: 85.091 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064488.D
Acq: 6 Nov 2020 17:15

Tgt Ion: 75 Resp: 140873

Ion	Ratio	Lower	Upper
75	100		
53	0.3	84.0	126.0#
89	0.0	36.3	54.5#