Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081420\
Data File : VN062951.D
Acq On : 14 Aug 2020 22:33
Operator : JC/MD
Sample : PB130954ZHE#10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB130954ZHE#10

Quant Time: Aug 17 09:31:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	190138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	365142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	381941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	158600	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.88%			
35) Dibromofluoromethane	7.55	113	121227	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.06%			
50) Toluene-d8	10.06	98	478582	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.16%			
62) 4-Bromofluorobenzene	12.38	95	169721	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.12%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.68	59	2580	5.006	ug/l #	72
14) Allyl chloride	4.50	41	975	0.293	ug/l #	23
16) Acetone	3.78	43	38018	33.462	ug/l	100
17) Carbon Disulfide	4.00	76	454	Below Cal	#	74
18) Methyl Acetate	4.29	43	7862	1.838	ug/l #	84
20) Methylene Chloride	4.50	84	23247	10.581	ug/l	92
25) 2-Butanone	6.81	43	6999	4.350	ug/l #	85
29) Tetrahydrofuran	7.18	42	1519	1.453	ug/l #	85
31) Cyclohexane	7.62	56	4784	1.255	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	16575	4.662	ug/l #	48
37) Ethyl Acetate	6.81	43	6999	1.884	ug/l #	67
38) Carbon Tetrachloride	7.63	117	19183	4.562	ug/l #	15
41) Methacrylonitrile	7.18	41	1197	0.714	ug/l #	12
43) Isopropyl Acetate	8.13	43	72315	11.673	ug/l	97
45) 1,2-Dichloropropane	9.24	63	1531	0.533	ug/l #	45
48) Methyl methacrylate	9.15	41	4972	1.632	ug/l #	13
49) 1,4-Dioxane	9.25	88	62	1.098	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	9826	2.452	ug/l	99
54) cis-1,3-Dichloropropene	9.88	75	28762	6.163	ug/l #	64
56) Ethyl methacrylate	10.52	69	2501	0.594	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	5611	1.180	ug/l #	43
59) 2-Hexanone	10.74	43	84716	28.335	ug/l #	55
71) Bromoform	12.38	173	894	0.341	ug/l #	1
74) N-amyl acetate	12.00	43	3116	0.757	ug/l #	45
76) 1,2,3-Trichloropropane	12.38	75	89003	24.462	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	2774	0.315	ug/l	86
81) trans-1,4-Dichloro-2-buten	12.38	75	89003	74.677	ug/l #	10
95) Naphthalene	15.11	128	145	3.730	ug/l #	68
96) 1,2,3-Trichlorobenzene	15.29	180	69	2.770	ug/l #	12

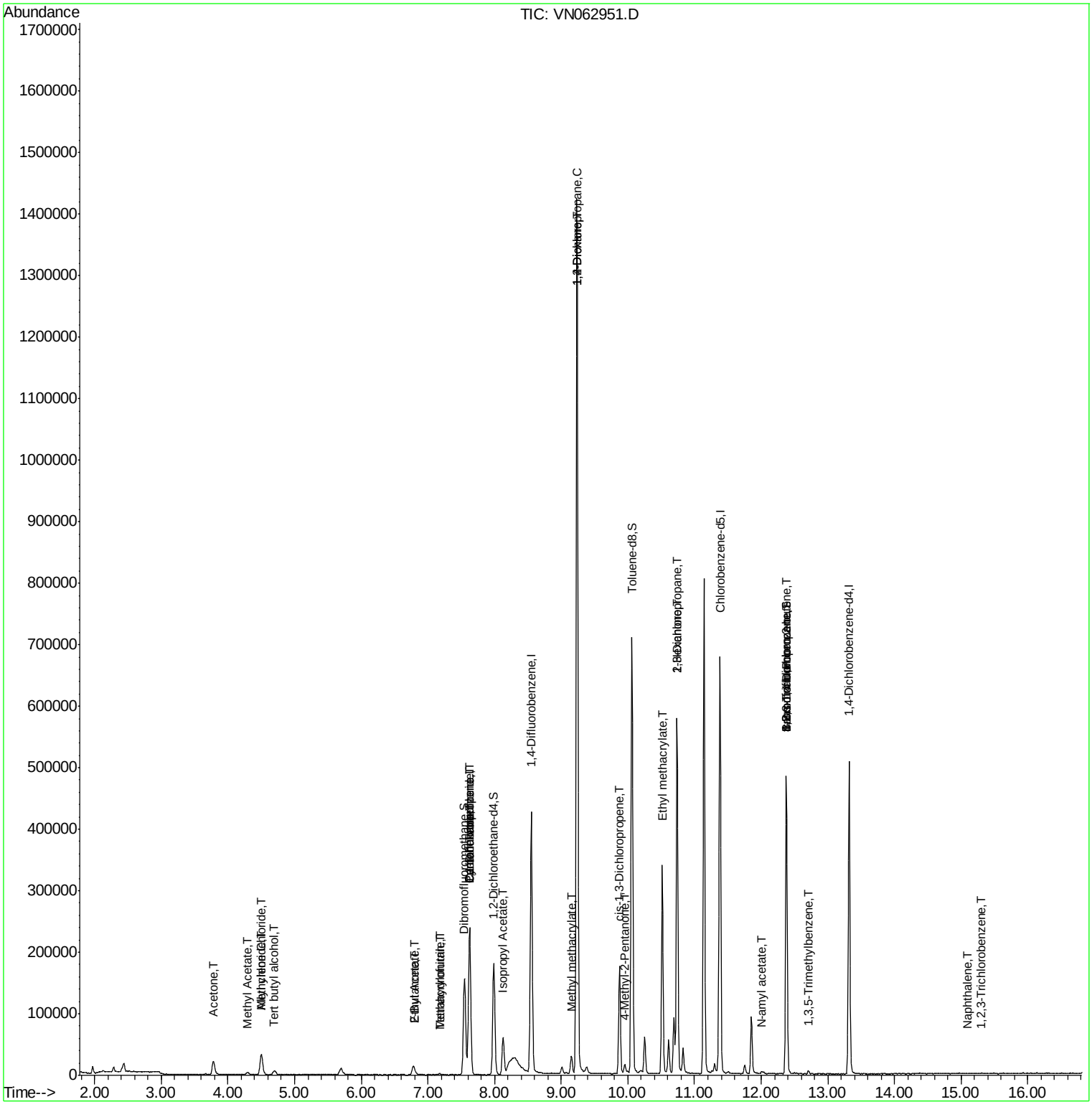
(#) = qualifier out of range (m) = manual integration (+) = signals summed

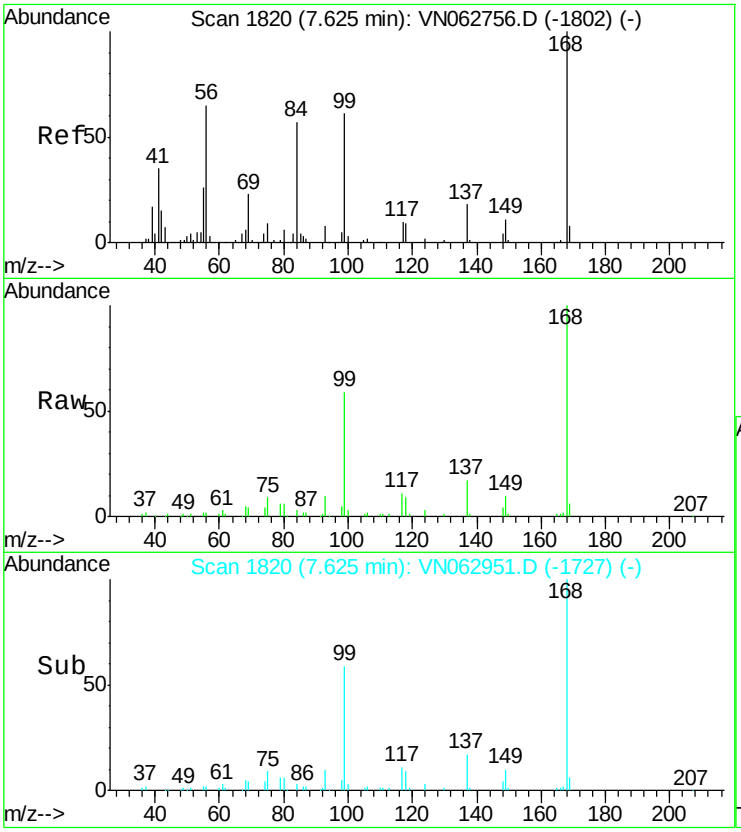
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081420\
Data File : VN062951.D
Acq On : 14 Aug 2020 22:33
Operator : JC/MD
Sample : PB130954ZHE#10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB130954ZHE#10

Quant Time: Aug 17 09:31:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration



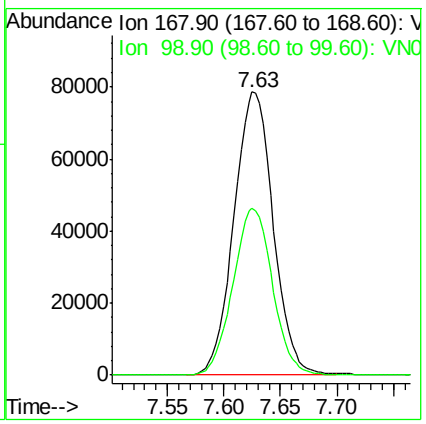


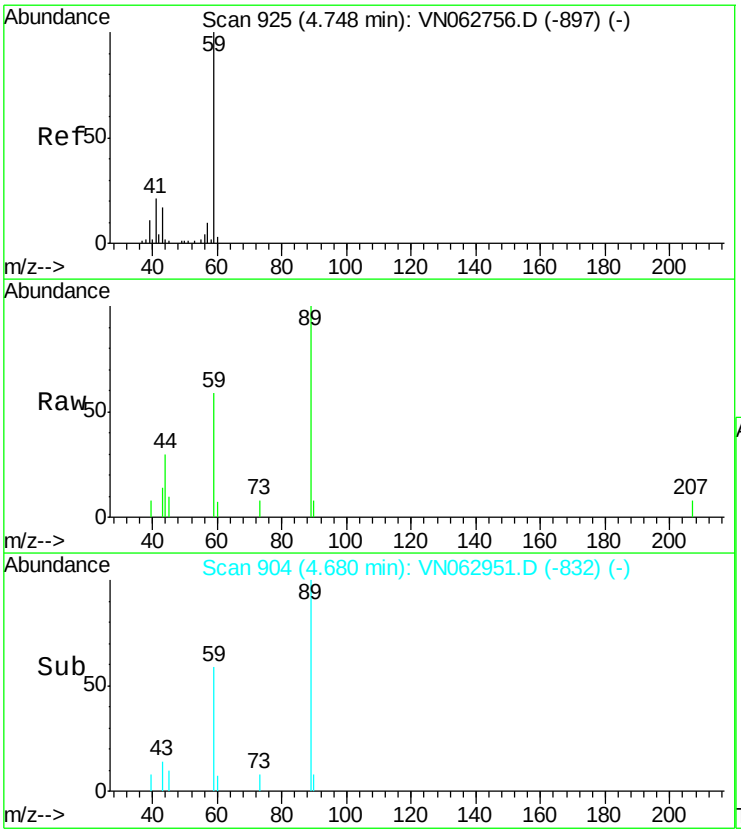
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.00 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Instrument :
MSVOA_N
ClientSampleId :
PB130954ZHE#10

Tgt Ion:168 Resp: 190138

Ion	Ratio	Lower	Upper
168	100		
99	58.8	52.9	79.3

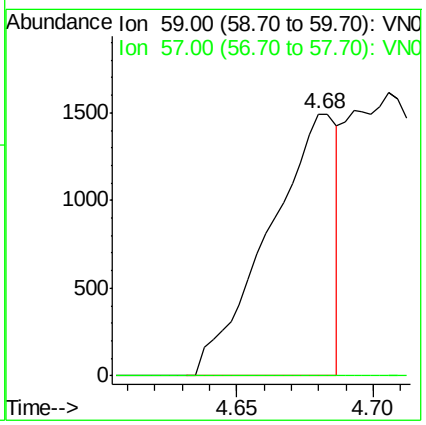


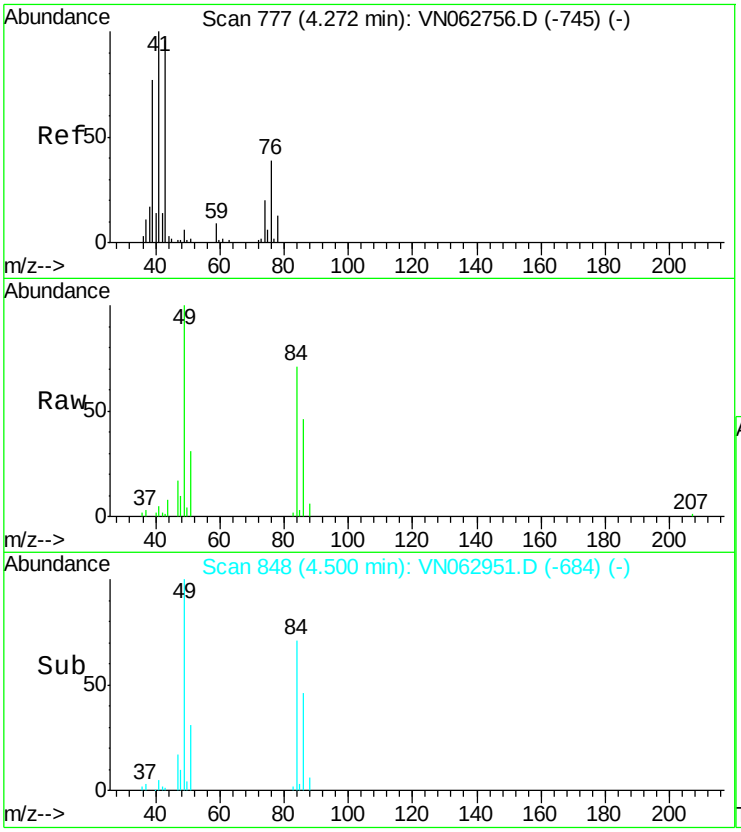


#11
Tert butyl alcohol
Concen: 5.006 ug/l
RT: 4.68 min Scan# 904
Delta R.T. -0.07 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Tgt Ion: 59 Resp: 2580

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



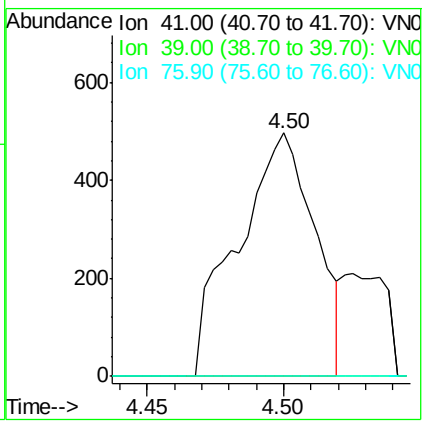


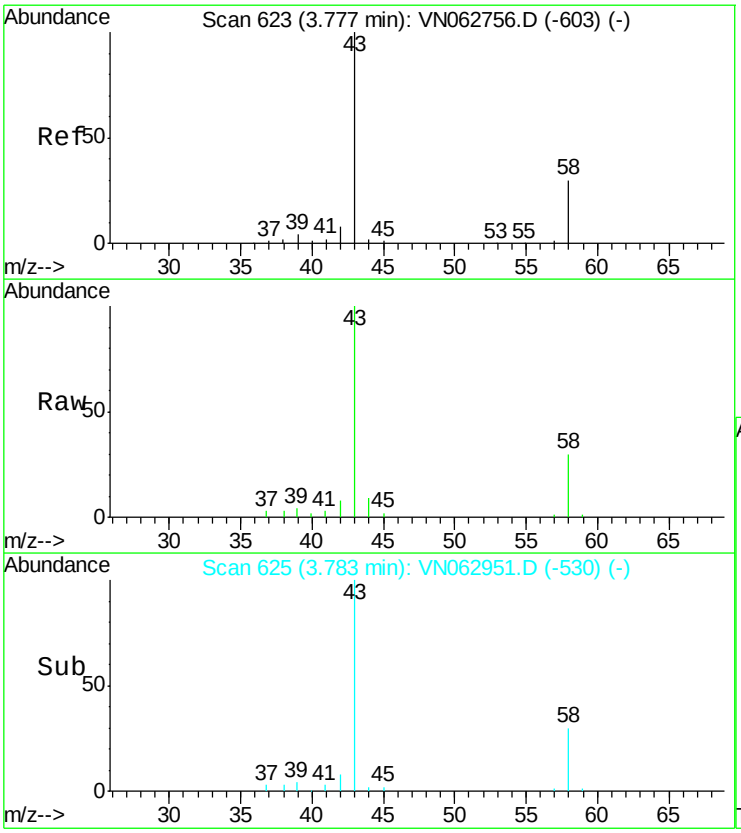
#14
Allyl chloride
Concen: 0.293 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.23 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Instrument : MSVOA_N
ClientSampleId : PB130954ZHE#10

Tgt Ion: 41 Resp: 975

Ion	Ratio	Lower	Upper
41	100		
39	0.0	55.7	83.5#
76	0.0	27.5	41.3#

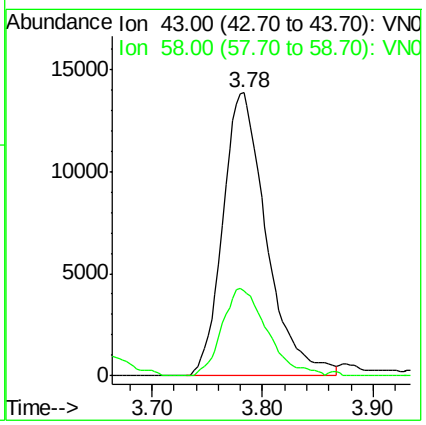


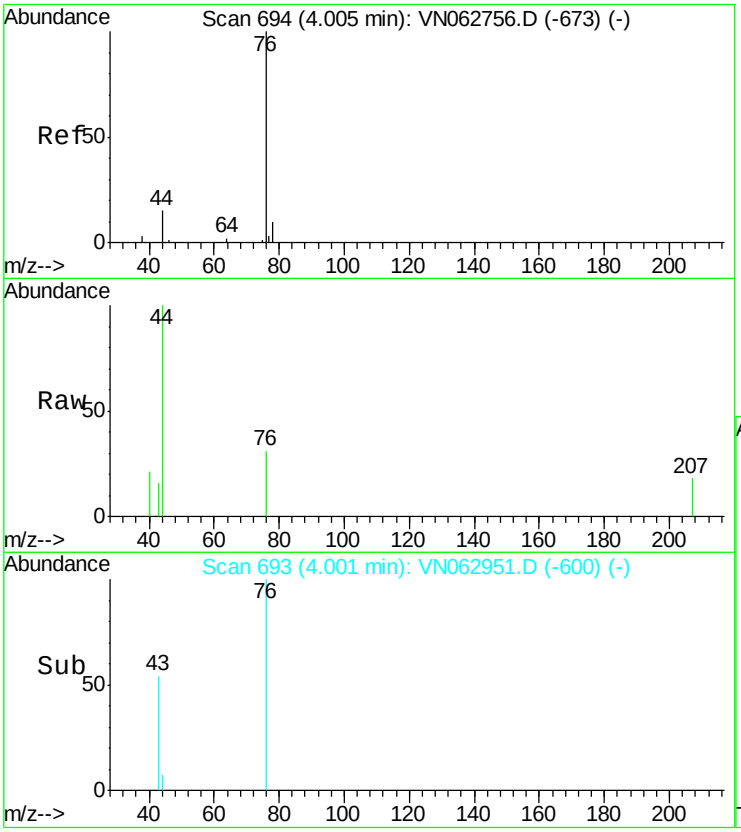


#16
Acetone
Concen: 33.462 ug/l
RT: 3.78 min Scan# 625
Delta R.T. 0.01 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Tgt Ion: 43 Resp: 38018

Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.1	36.1



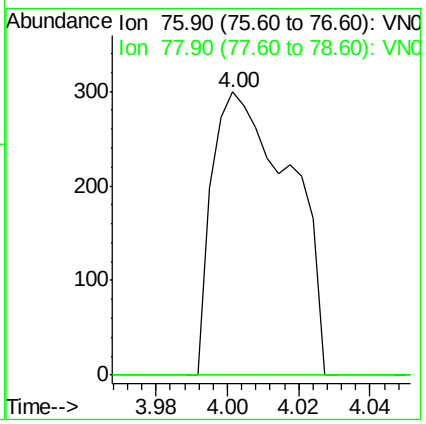


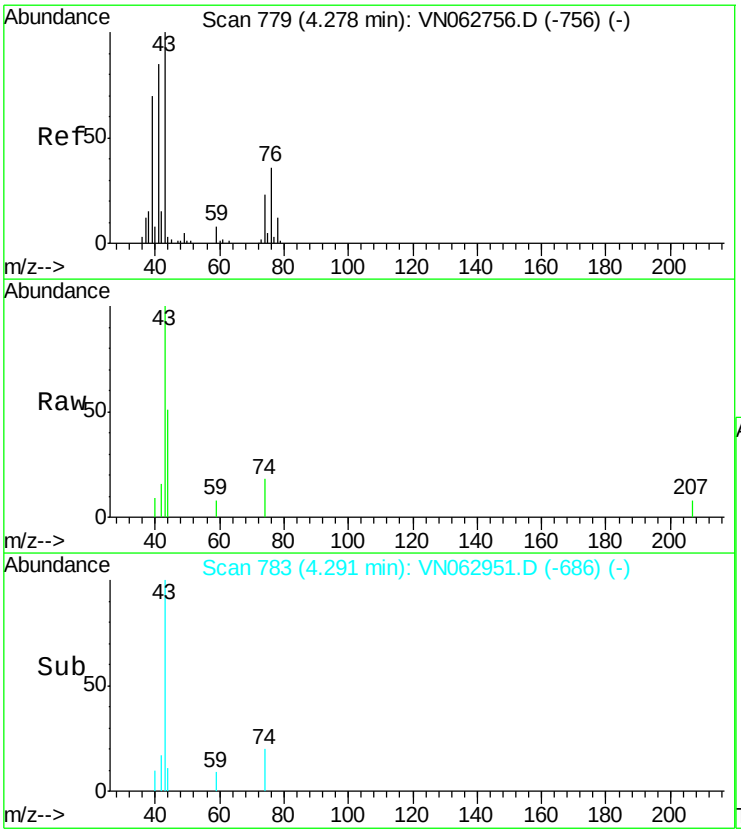
#17
Carbon Disulfide
Concen: Below Cal
RT: 4.00 min Scan# 693
Delta R.T. -0.00 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Instrument :
MSVOA_N
ClientSampleId :
PB130954ZHE#10

Tgt Ion: 76 Resp: 454

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.7	11.5#

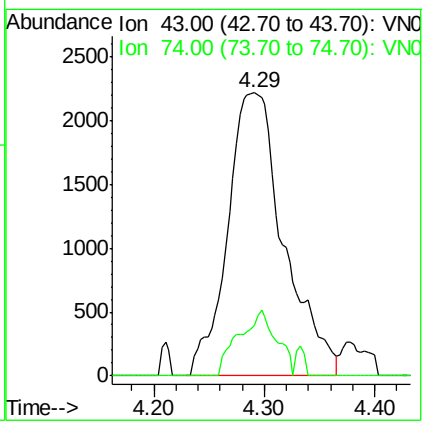


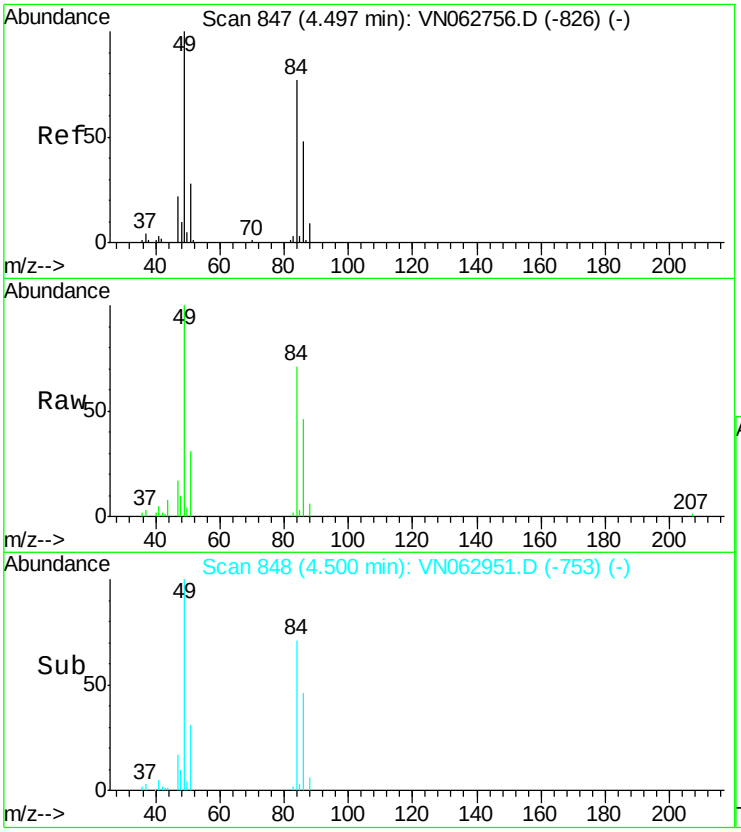


#18
Methyl Acetate
Concen: 1.838 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.01 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Tgt Ion: 43 Resp: 7862

Ion	Ratio	Lower	Upper
43	100		
74	15.5	18.6	28.0#



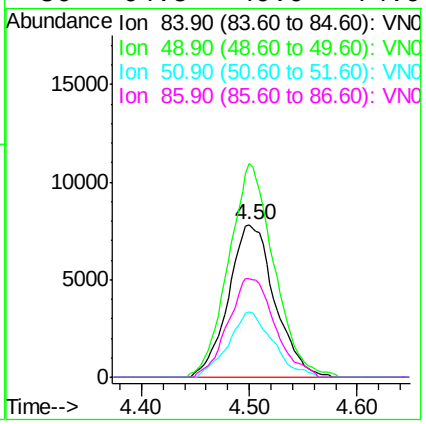


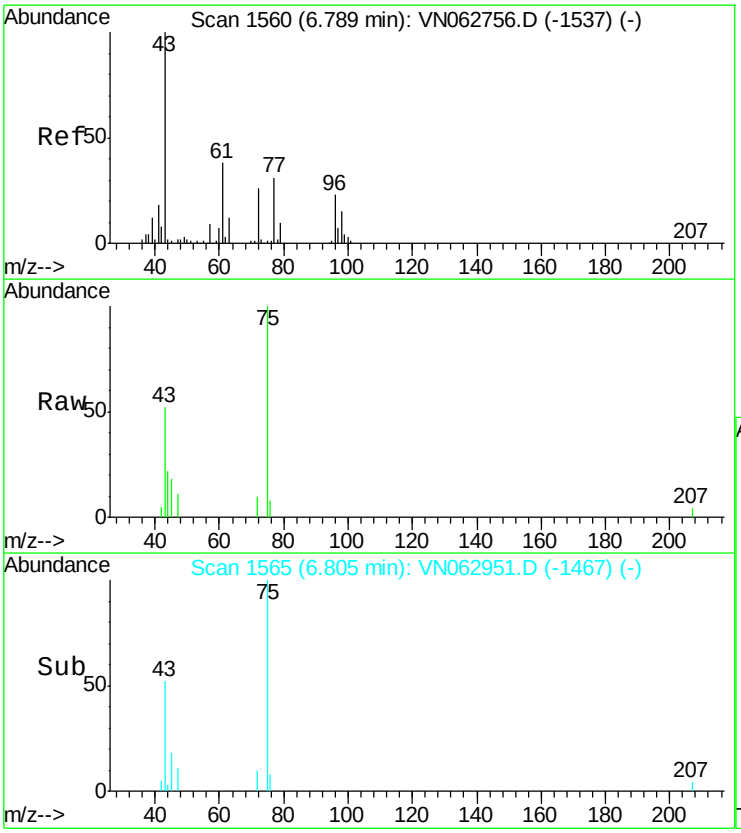
#20
Methylene Chloride
Concen: 10.581 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Instrument :
MSVOA_N
ClientSampleId :
PB130954ZHE#10

Tgt Ion: 84 Resp: 23247

Ion	Ratio	Lower	Upper
84	100		
49	140.2	103.4	155.2
51	42.8	29.3	43.9
86	64.5	49.9	74.9

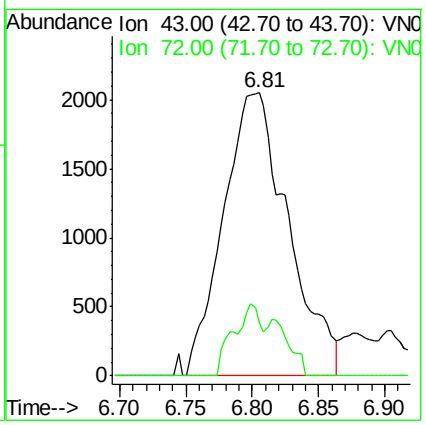


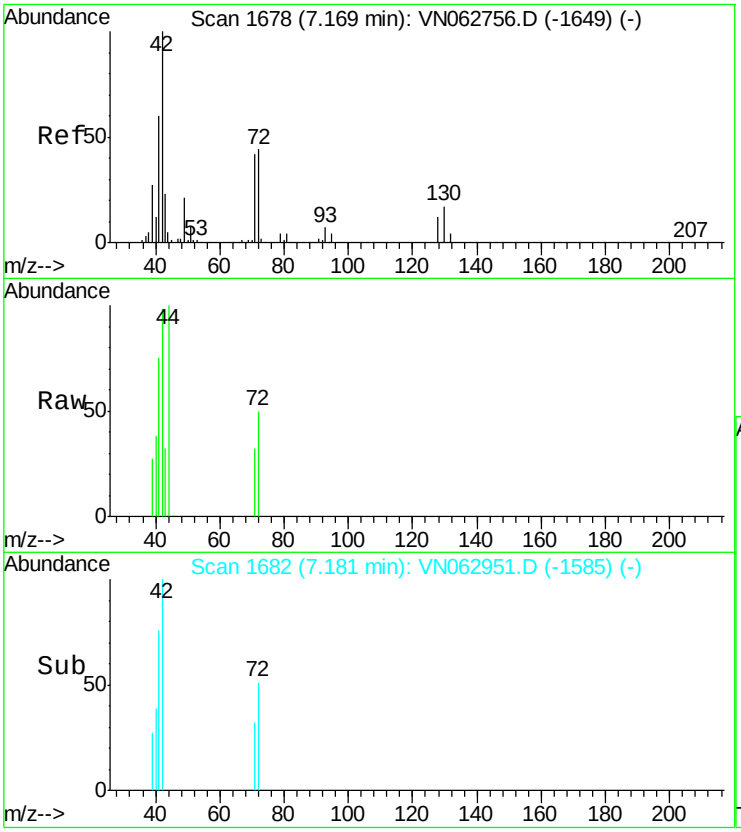


#25
2-Butanone
Concen: 4.350 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.02 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Tgt Ion: 43 Resp: 6999

Ion	Ratio	Lower	Upper
43	100		
72	18.7	21.1	31.7#



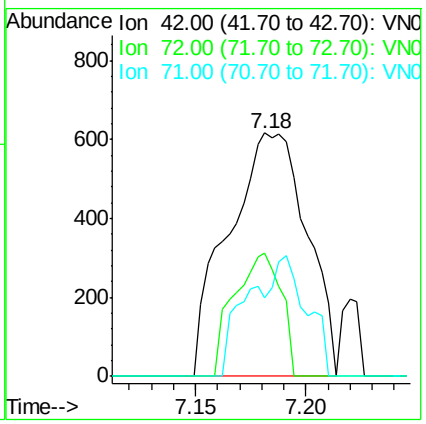


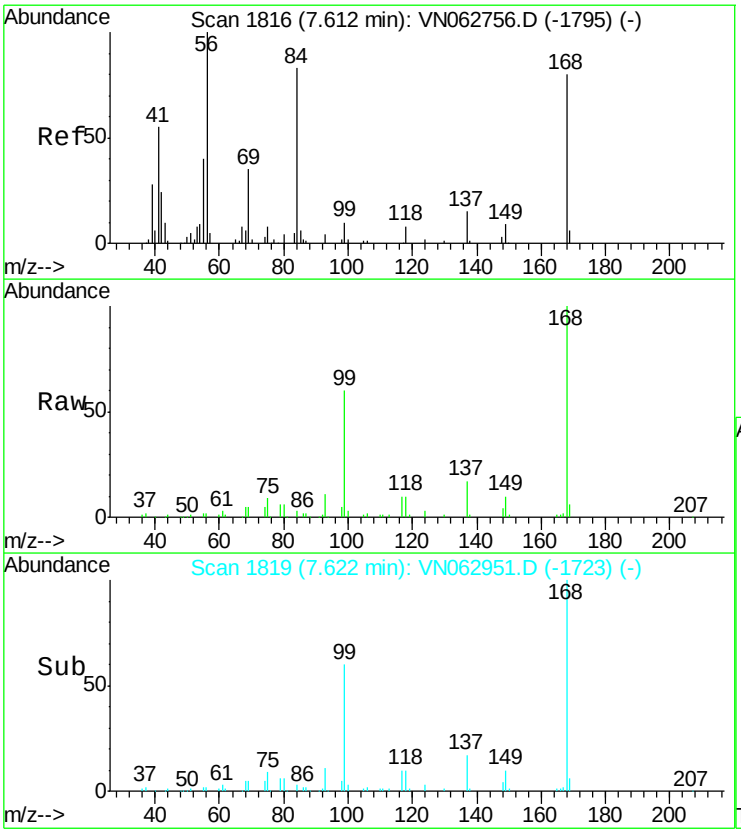
#29
Tetrahydrofuran
Concen: 1.453 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.01 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Instrument : MSVOA_N
ClientSampleId : PB130954ZHE#10

Tgt Ion: 42 Resp: 1519

Ion	Ratio	Lower	Upper
42	100		
72	30.2	35.0	52.4#
71	36.7	33.2	49.8

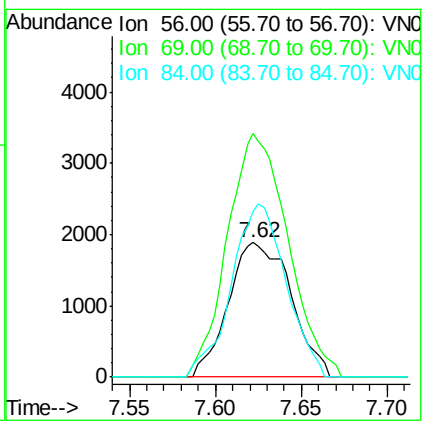


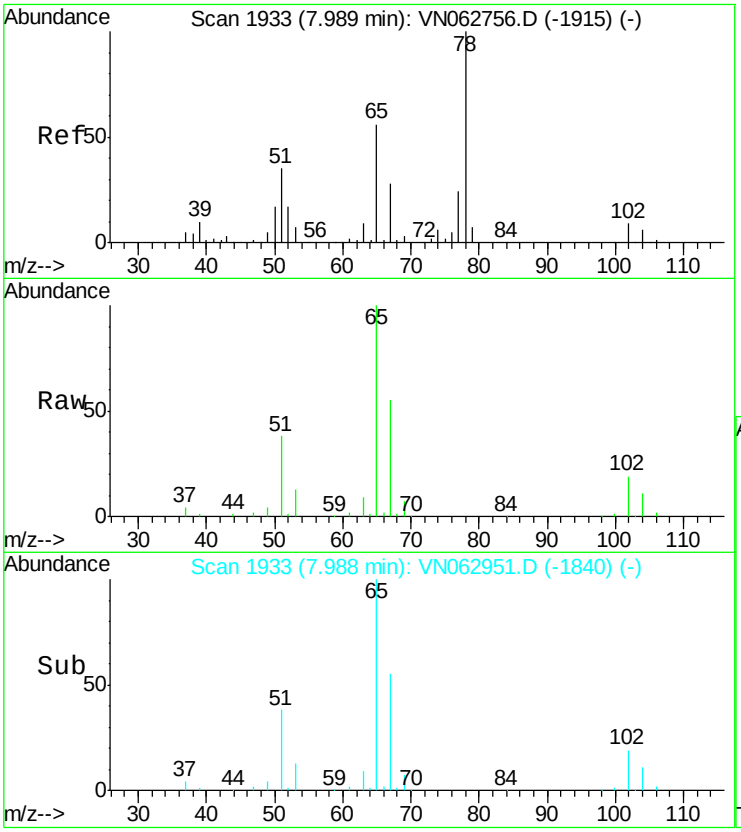


#31
Cyclohexane
Concen: 1.255 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Tgt Ion: 56 Resp: 4784

Ion	Ratio	Lower	Upper
56	100		
69	181.0	28.1	42.1#
84	123.0	66.8	100.2#



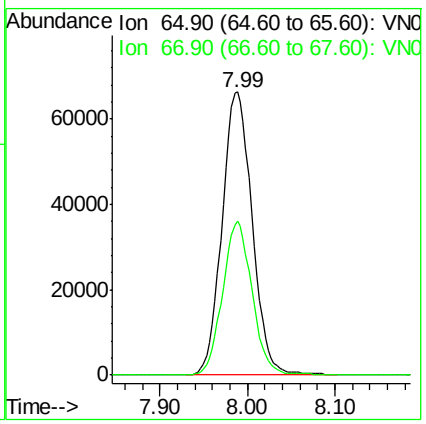


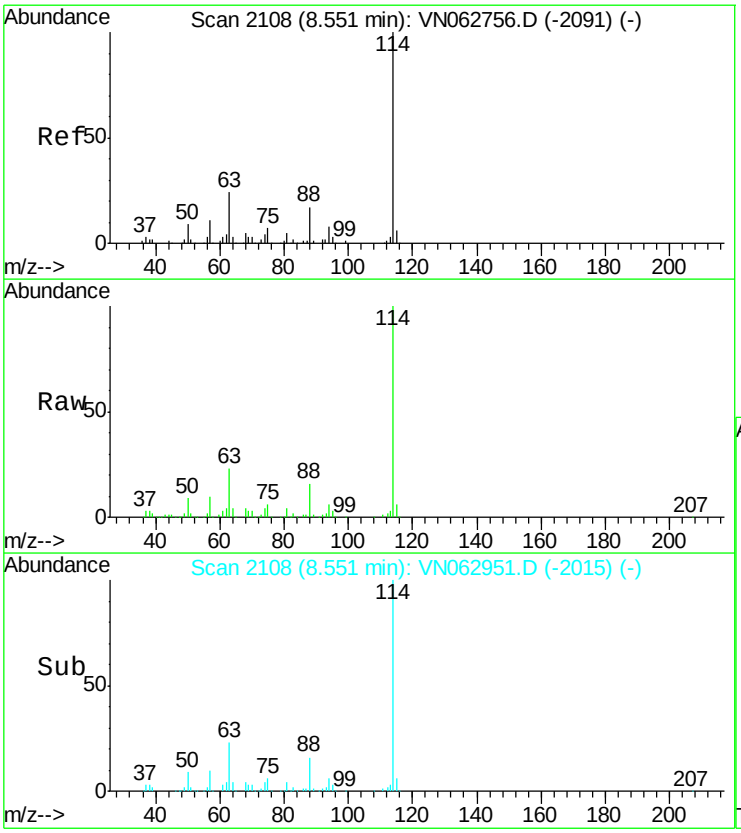
#33
1,2-Dichloroethane-d4
Concen: 50.441 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Instrument : MSVOA_N
ClientSampleId : PB130954ZHE#10

Tgt Ion: 65 Resp: 158600

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	101.4

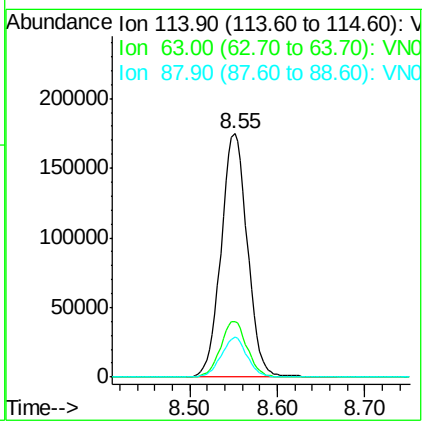


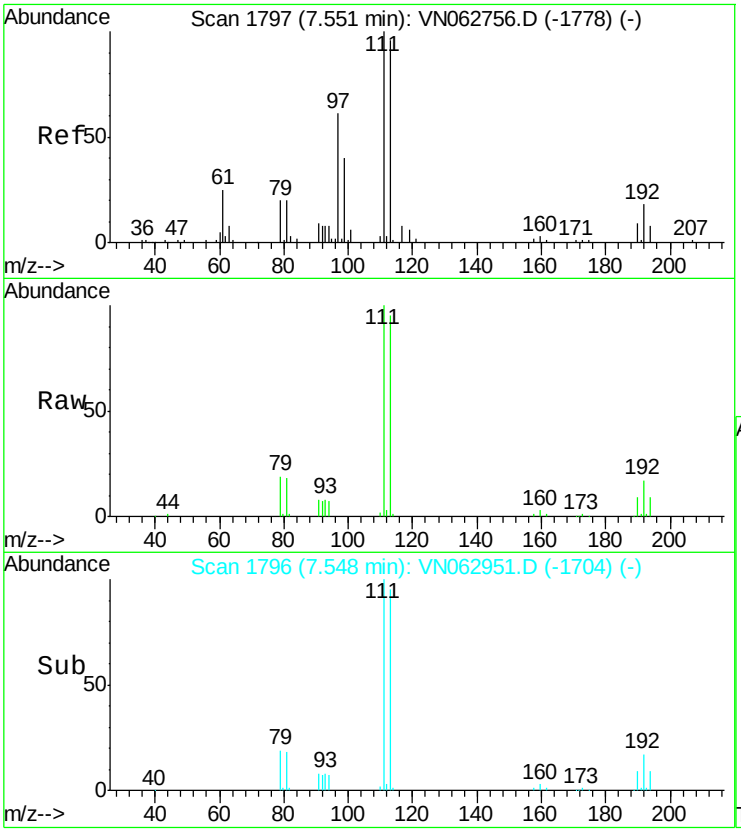


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Tgt Ion:114 Resp: 365142

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	47.6
88	16.3	0.0	34.4



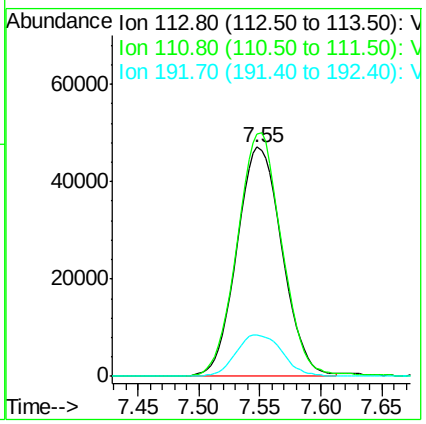


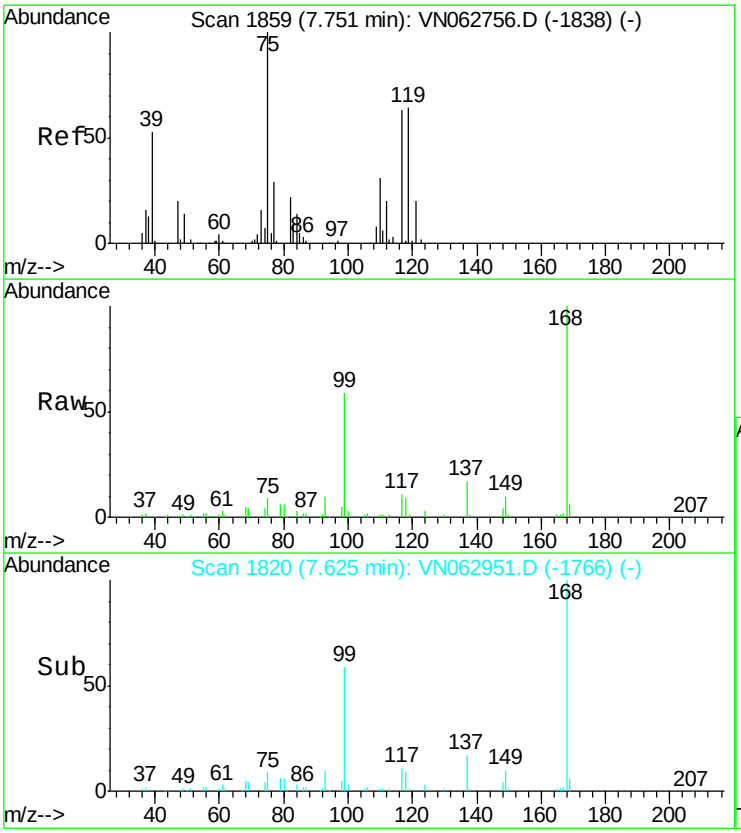
#35
Dibromofluoromethane
Concen: 48.534 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Instrument :
MSVOA_N
ClientSampleId :
PB130954ZHE#10

Tgt Ion:113 Resp: 121227

Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.8	122.6
192	18.6	15.0	22.4

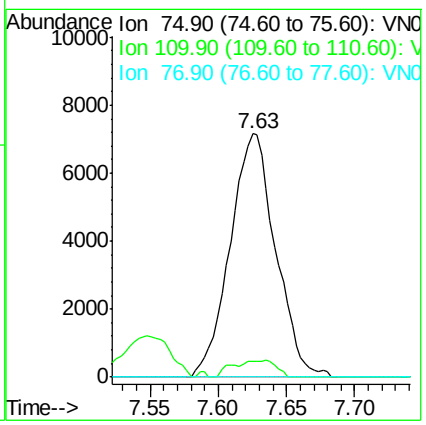


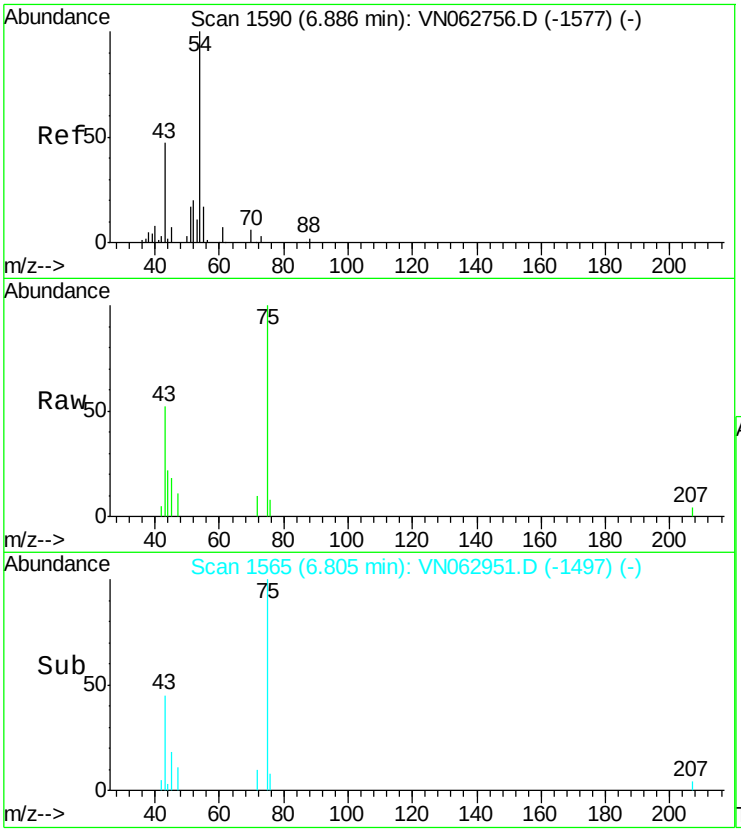


#36
1,1-Dichloropropene
Concen: 4.662 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.13 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Tgt Ion: 75 Resp: 16575

Ion	Ratio	Lower	Upper
75	100		
110	4.6	15.6	46.7#
77	0.0	24.1	36.1#



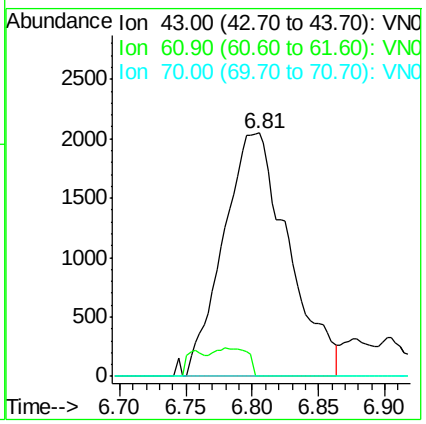


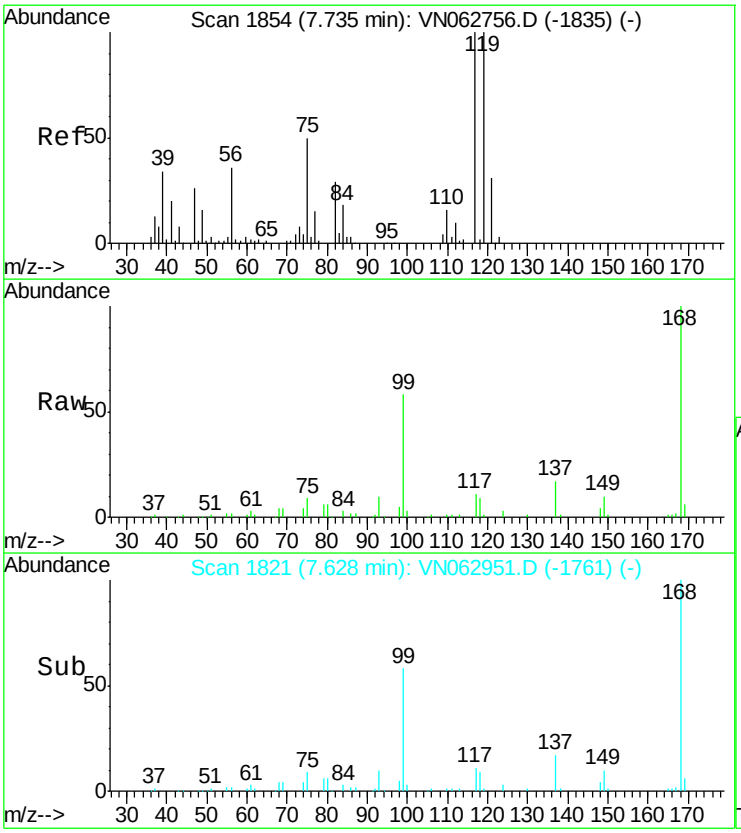
#37
Ethyl Acetate
Concen: 1.884 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.08 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Instrument :
MSVOA_N
ClientSampleId :
PB130954ZHE#10

Tgt Ion: 43 Resp: 6999

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	0.0	8.3	12.5#

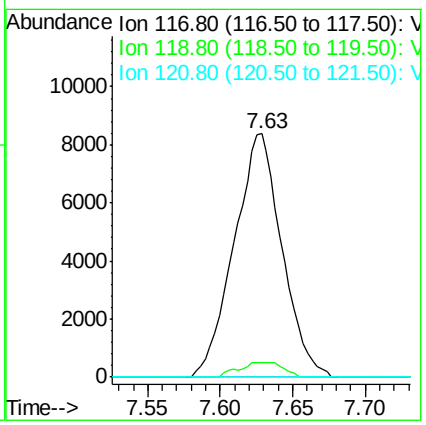


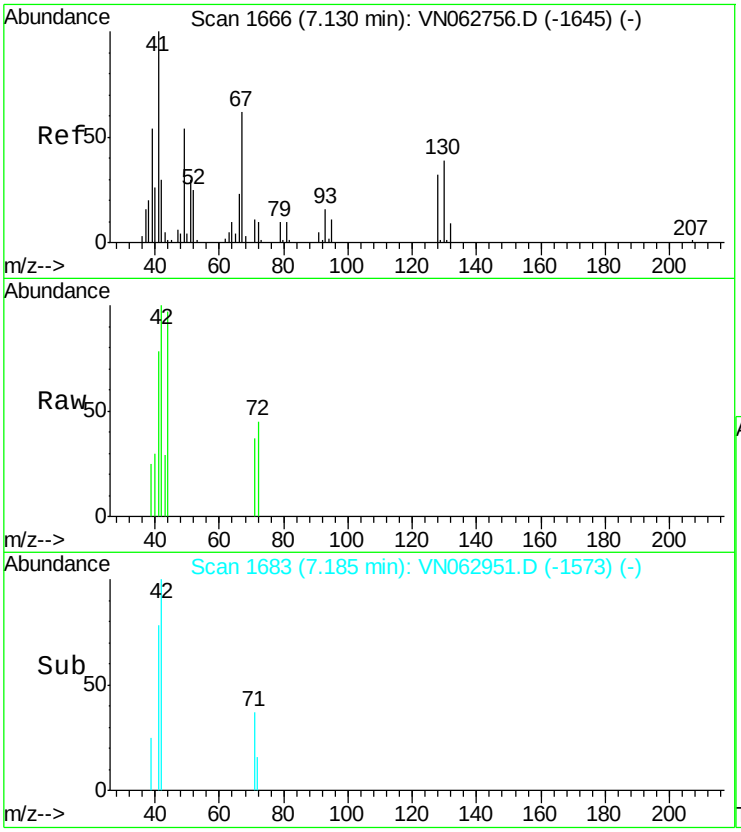


#38
Carbon Tetrachloride
Concen: 4.562 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.11 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Tgt Ion:117 Resp: 19183

Ion	Ratio	Lower	Upper
117	100		
119	6.1	79.4	119.2#
121	0.0	24.9	37.3#



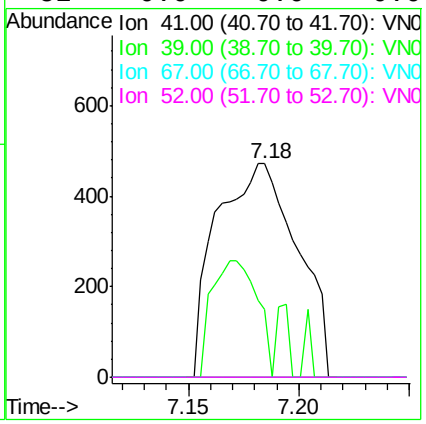


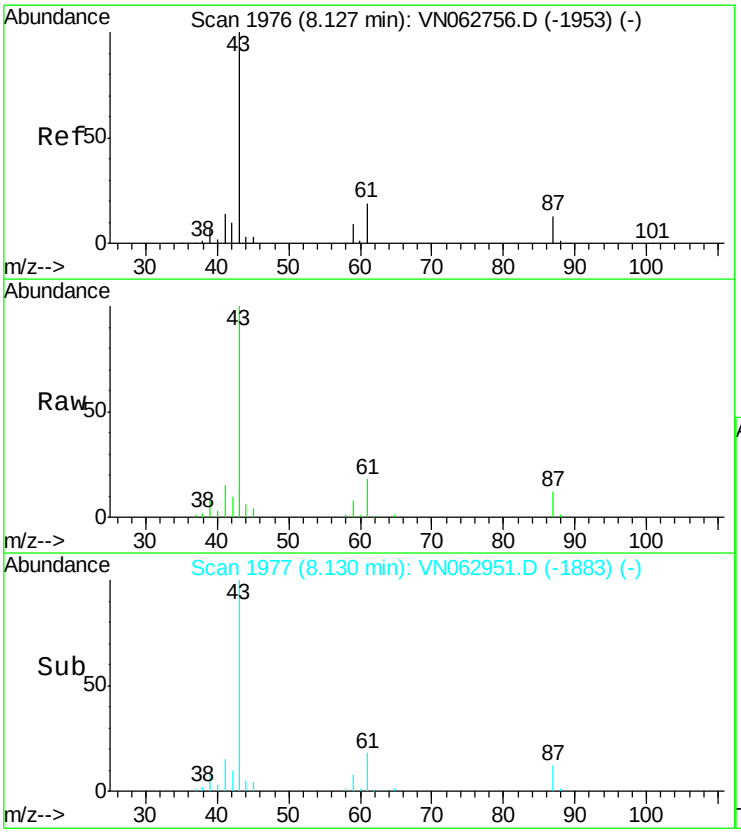
#41
Methacrylonitrile
Concen: 0.714 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.05 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Instrument : MSVOA_N
ClientSampleId : PB130954ZHE#10

Tgt Ion: 41 Resp: 1197

Ion	Ratio	Lower	Upper
41	100		
39	5.1	69.4	104.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

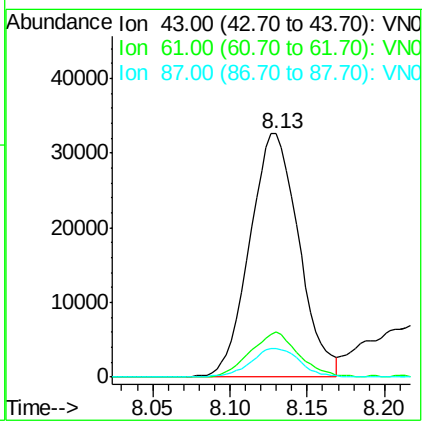


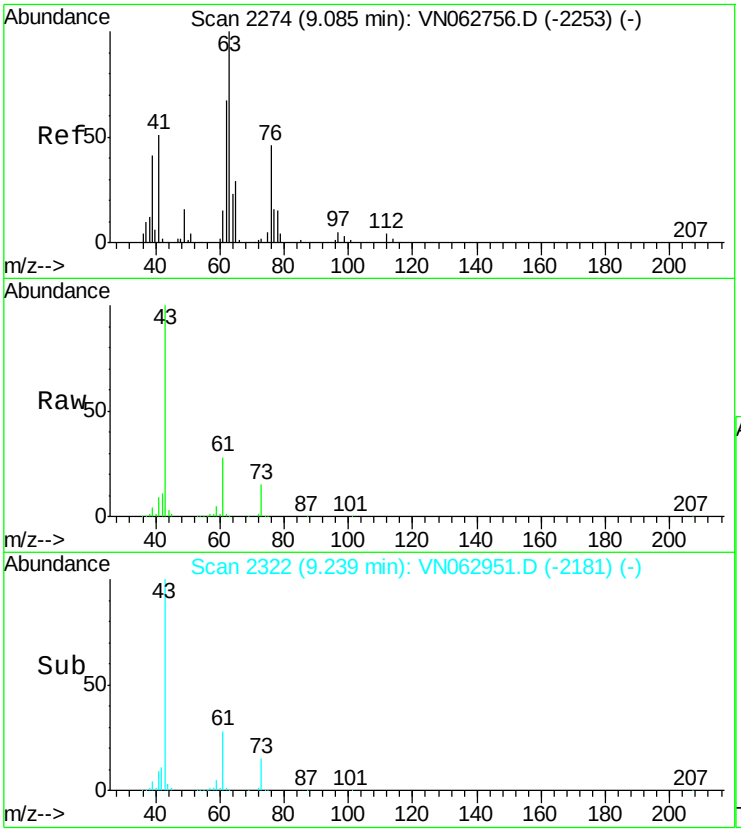


#43
Isopropyl Acetate
Concen: 11.673 ug/l
RT: 8.13 min Scan# 1977
Delta R.T. 0.00 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Tgt Ion: 43 Resp: 72315

Ion	Ratio	Lower	Upper
43	100		
61	18.0	15.8	23.6
87	11.7	9.9	14.9



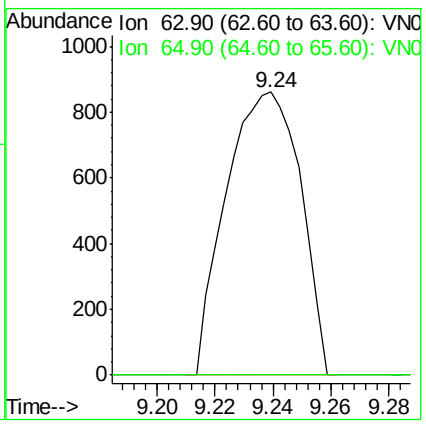


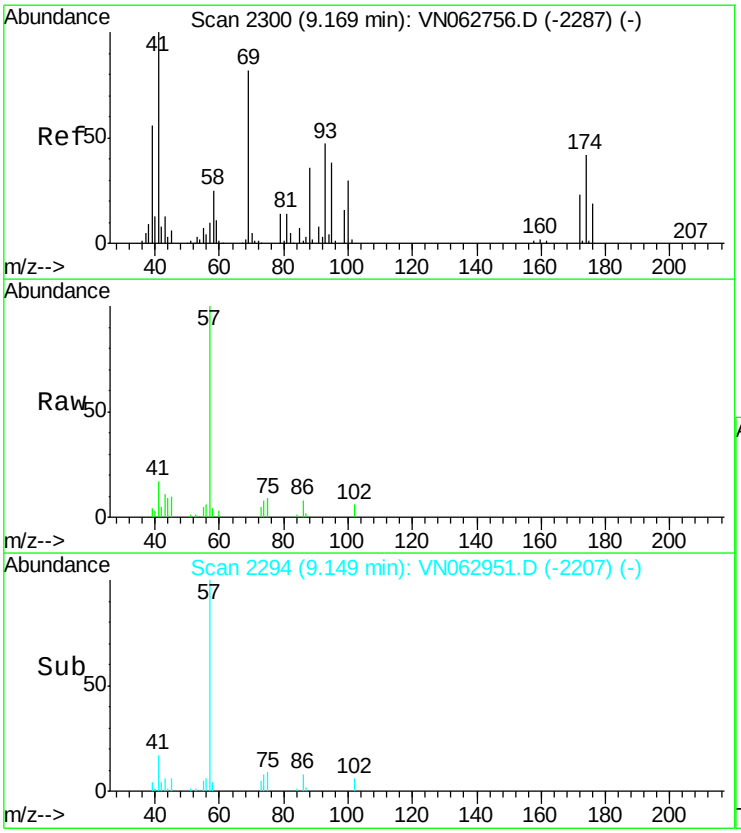
#45
1,2-Dichloropropane
Concen: 0.533 ug/l
RT: 9.24 min Scan# 2322
Delta R.T. 0.15 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Instrument : MSVOA_N
ClientSampleId : PB130954ZHE#10

Tgt Ion: 63 Resp: 1531

Ion	Ratio	Lower	Upper
63	100		
65	0.0	23.5	35.3#

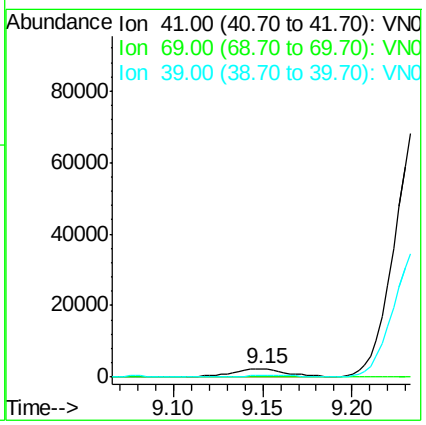


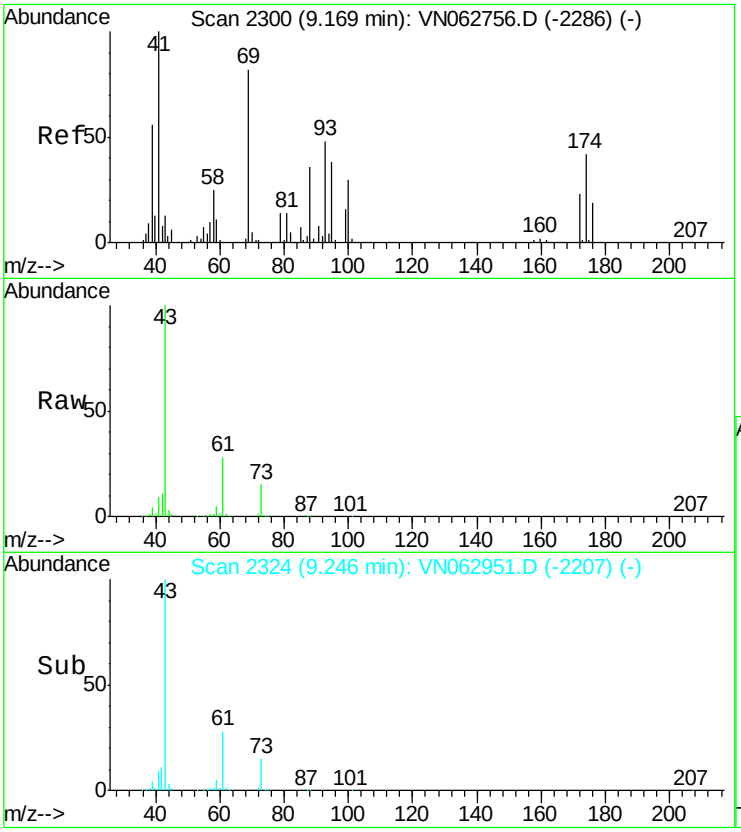


#48
Methyl methacrylate
Concen: 1.632 ug/l
RT: 9.15 min Scan# 2294
Delta R.T. -0.02 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Tgt Ion: 41 Resp: 4972

Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.4	101.2#
39	0.0	47.6	71.4#



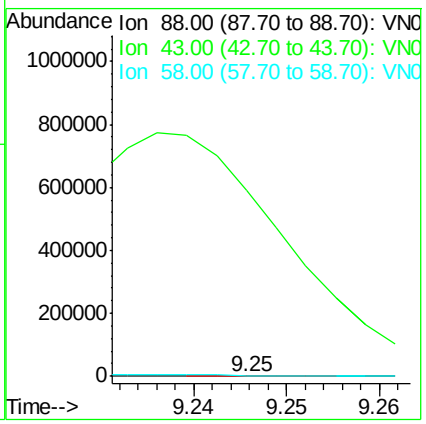


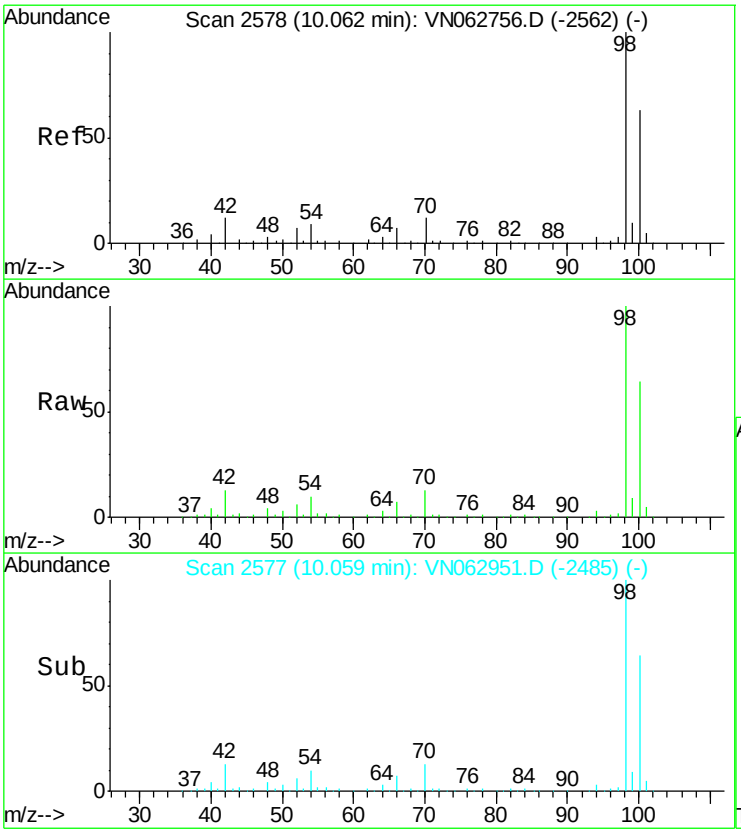
#49
1,4-Dioxane
Concen: 1.098 ug/l
RT: 9.25 min Scan# 2324
Delta R.T. 0.08 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Instrument : MSVOA_N
ClientSampleId : PB130954ZHE#10

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	2270277.4	29.5	44.3#
58	12112.9	59.8	89.8#

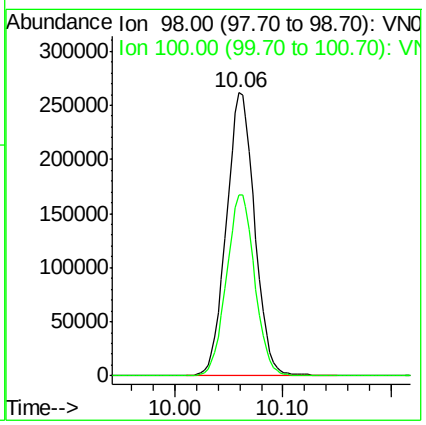


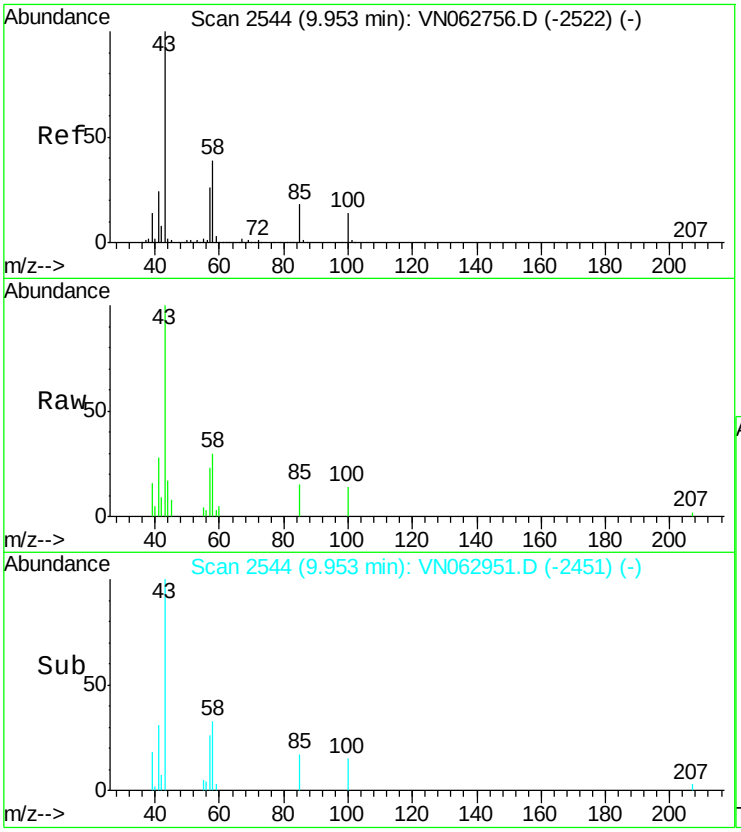


#50
Toluene-d8
Concen: 49.078 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Tgt Ion: 98 Resp: 478582

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3



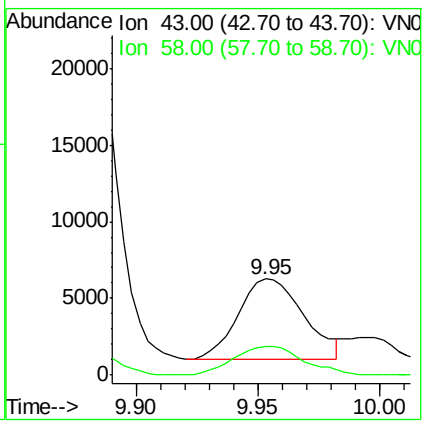


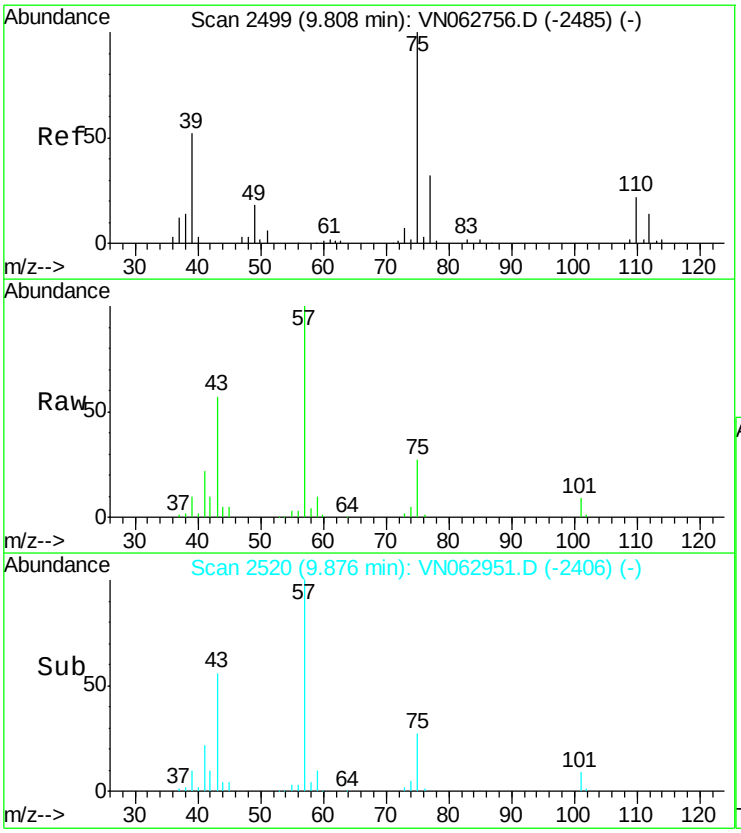
#51
4-Methyl-2-Pentanone
Concen: 2.452 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Instrument :
MSVOA_N
ClientSampleId :
PB130954ZHE#10

Tgt Ion: 43 Resp: 9826

Ion	Ratio	Lower	Upper
43	100		
58	38.2	31.1	46.7

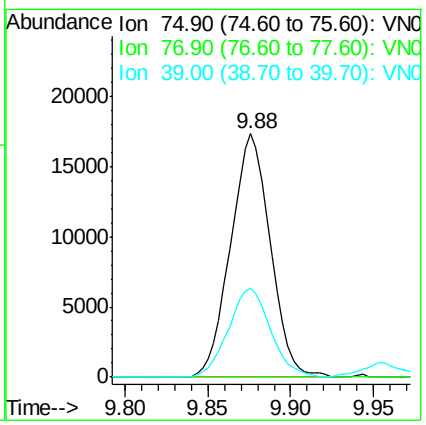


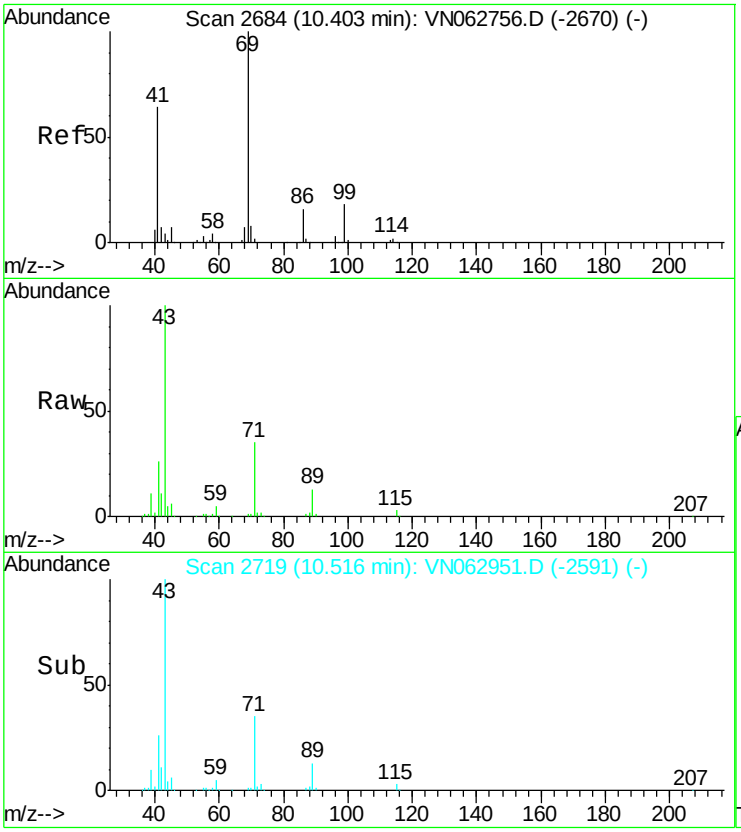


#54
cis-1,3-Dichloropropene
Concen: 6.163 ug/l
RT: 9.88 min Scan# 2520
Delta R.T. 0.07 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Tgt Ion: 75 Resp: 28762

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.5	38.3#
39	36.5	41.9	62.9#



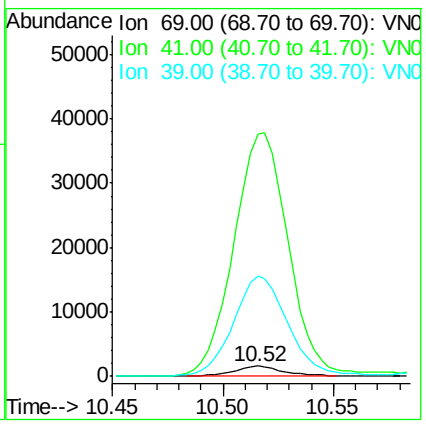


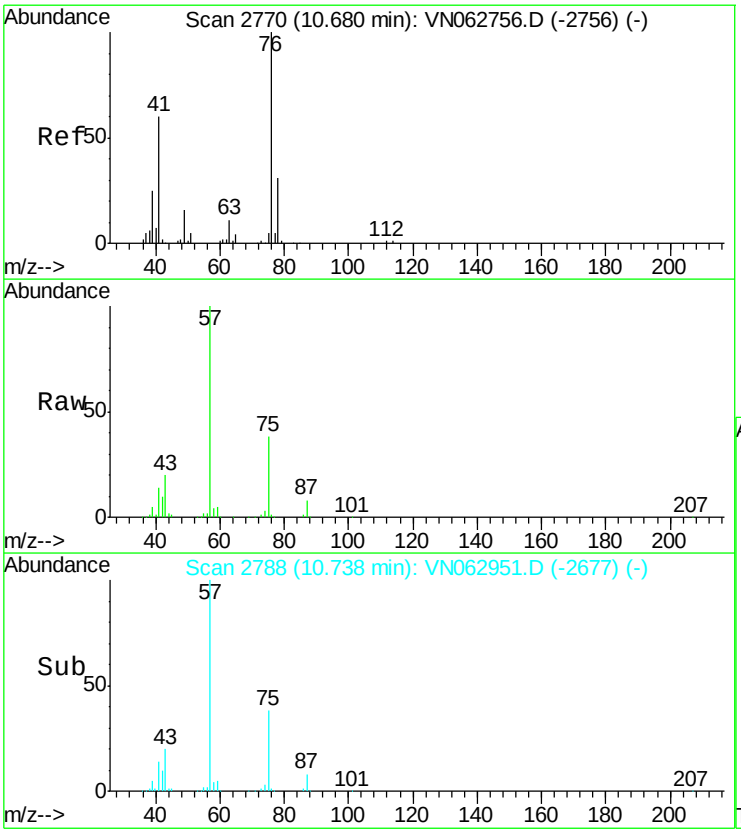
#56
Ethyl methacrylate
Concen: 0.594 ug/l
RT: 10.52 min Scan# 2719
Delta R.T. 0.11 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Instrument : MSVOA_N
ClientSampleId : PB130954ZHE#10

Tgt Ion: 69 Resp: 2501

Ion	Ratio	Lower	Upper
69	100		
41	2604.0	52.2	78.2#
39	1073.2	30.9	46.3#

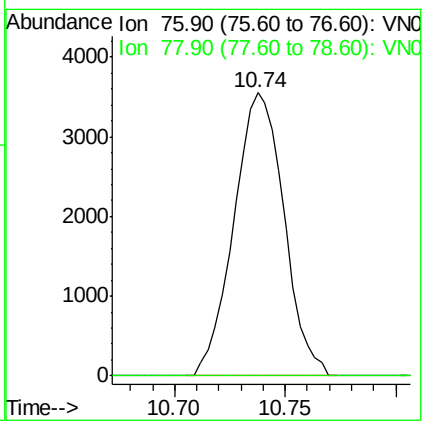


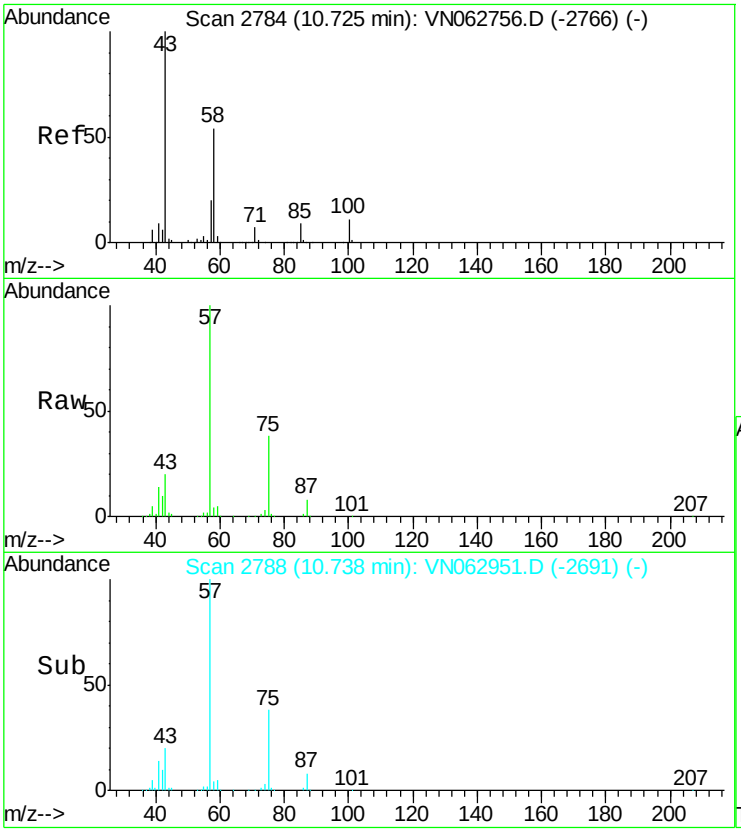


#57
1,3-Dichloropropane
Concen: 1.180 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.06 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Tgt Ion: 76 Resp: 5611

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.0#



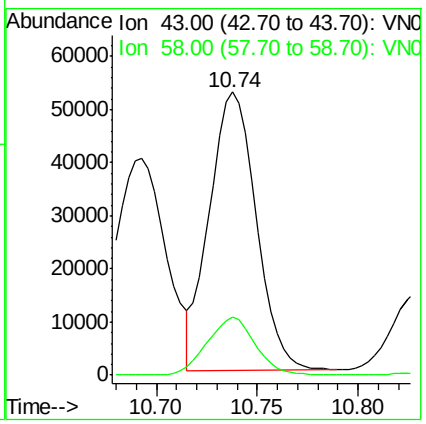


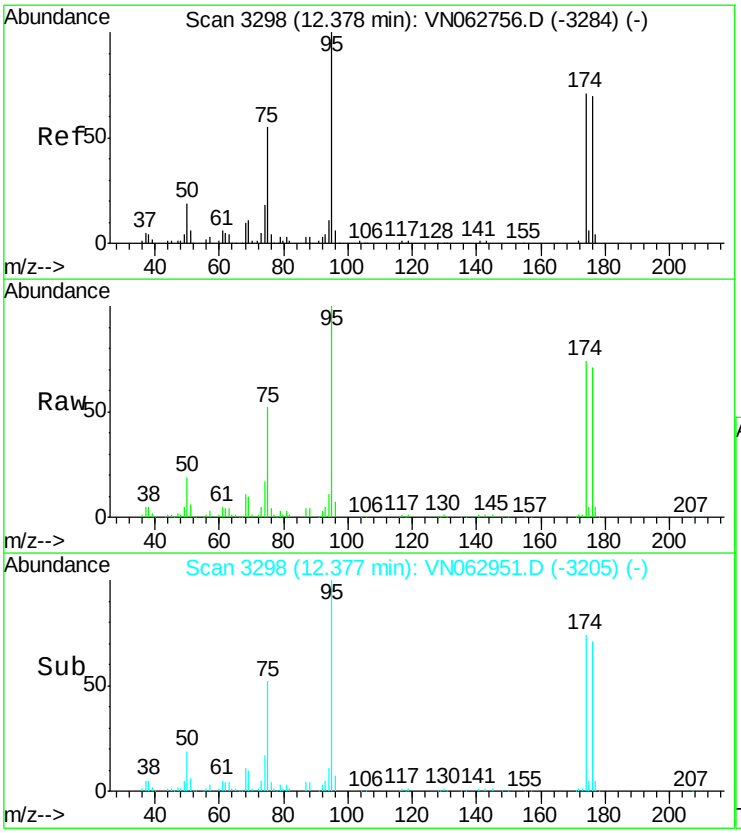
#59
2-Hexanone
Concen: 28.335 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.01 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Instrument : MSVOA_N
ClientSampleId : PB130954ZHE#10

Tgt Ion: 43 Resp: 84716

Ion	Ratio	Lower	Upper
43	100		
58	21.2	26.7	80.1#

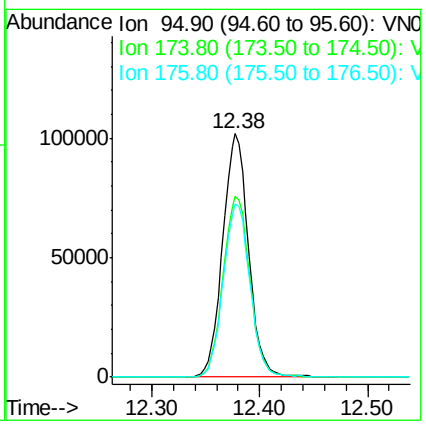


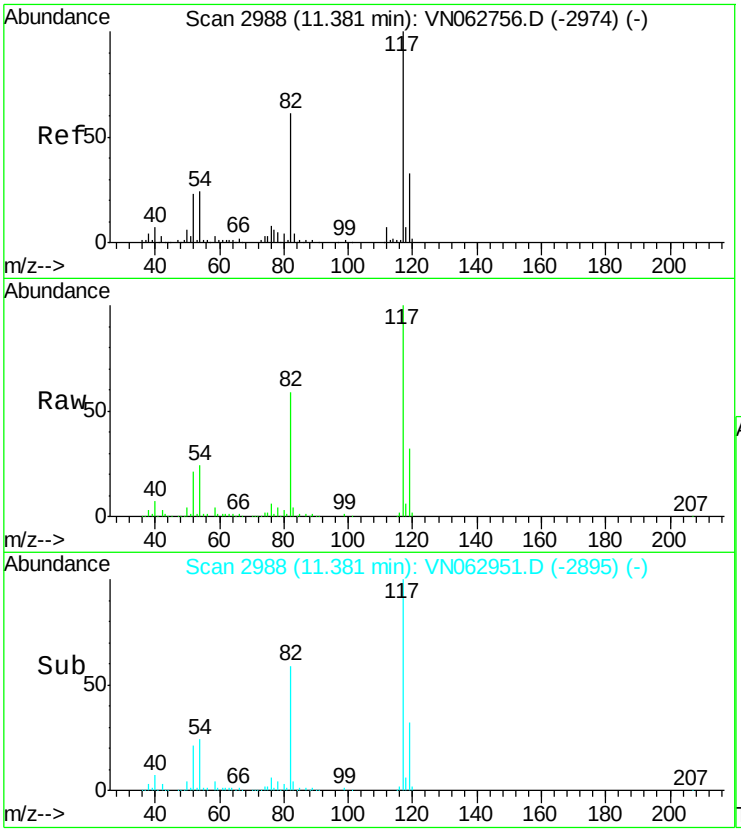


#62
4-Bromofluorobenzene
Concen: 46.056 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Tgt Ion: 95 Resp: 169721

Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	144.8
176	73.9	0.0	142.2



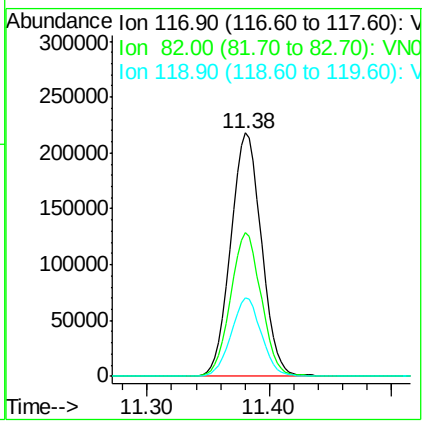


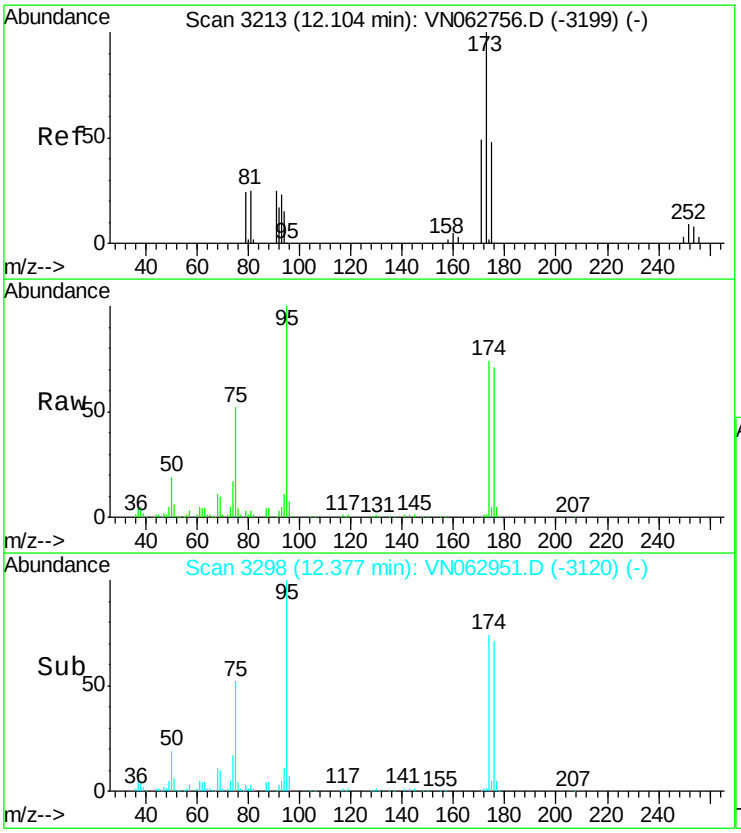
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Instrument : MSVOA_N
ClientSampleId : PB130954ZHE#10

Tgt Ion:117 Resp: 381941

Ion	Ratio	Lower	Upper
117	100		
82	59.2	49.0	73.4
119	32.0	26.2	39.2

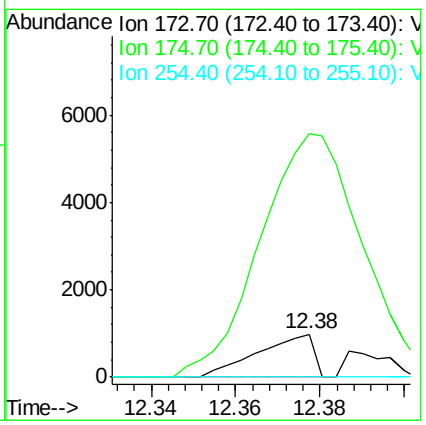


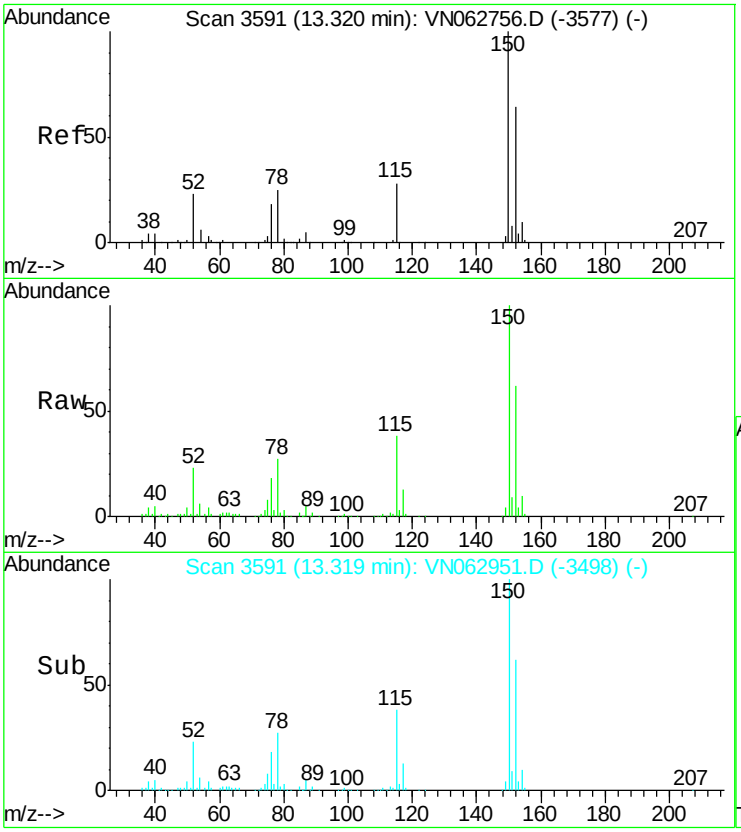


#71
Bromoform
Concen: 0.341 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.27 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Tgt Ion:173 Resp: 894

Ion	Ratio	Lower	Upper
173	100		
175	929.6	24.0	72.0#
254	0.0	0.0	0.0



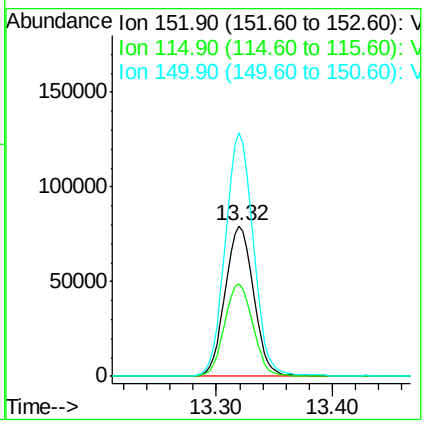


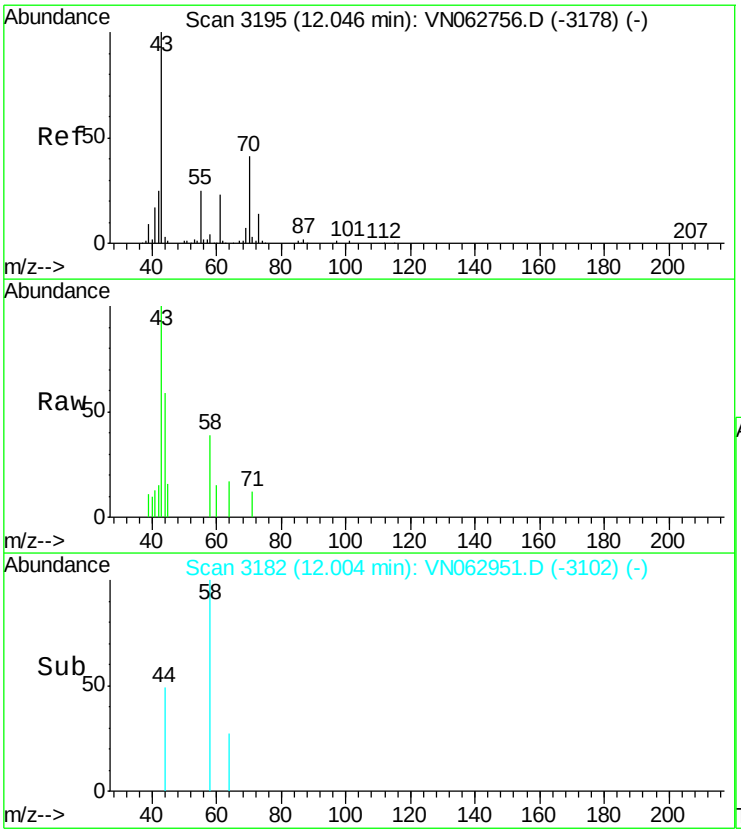
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Instrument : MSVOA_N
ClientSampleId : PB130954ZHE#10

Tgt Ion:152 Resp: 134909

Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.6	94.8
150	159.1	0.0	349.2

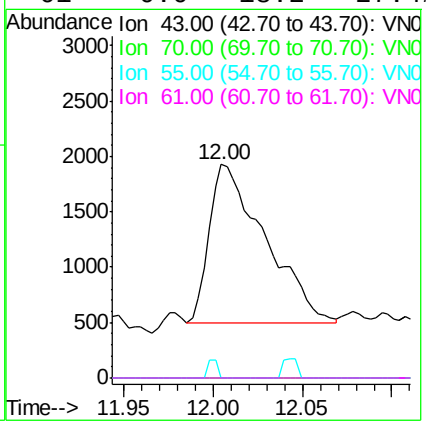


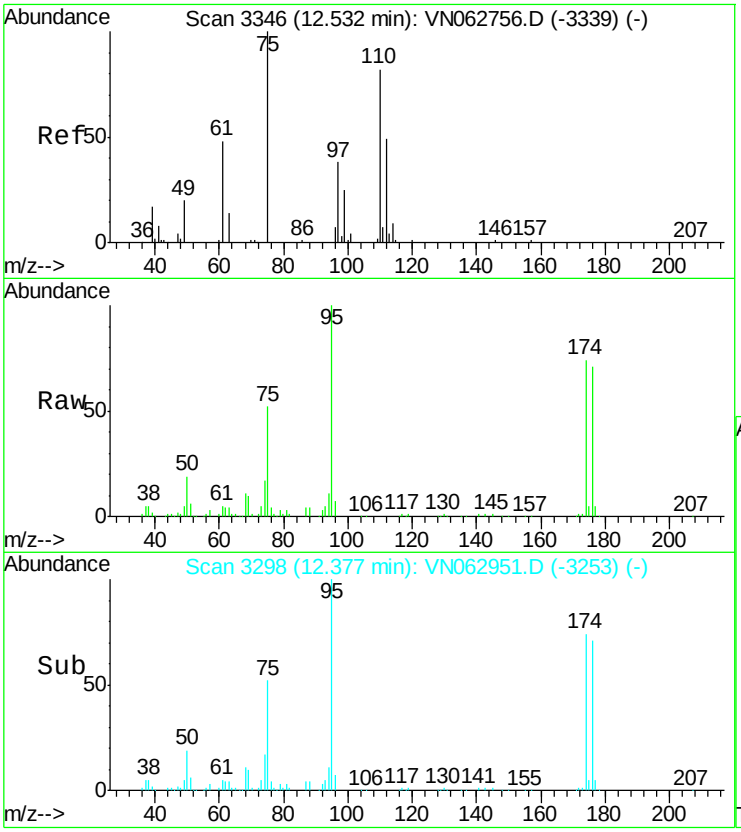


#74
N-amyl acetate
Concen: 0.757 ug/l
RT: 12.00 min Scan# 3182
Delta R.T. -0.04 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Tgt Ion: 43 Resp: 3116

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.3	48.5#
55	2.1	20.2	30.2#
61	0.0	18.2	27.4#



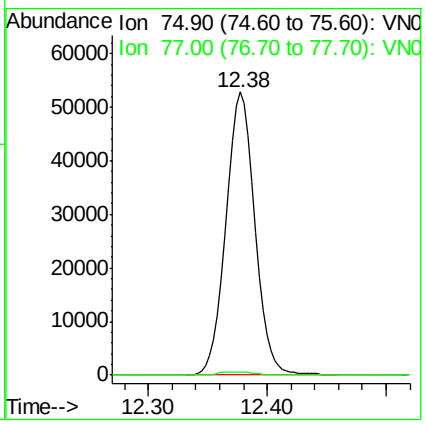


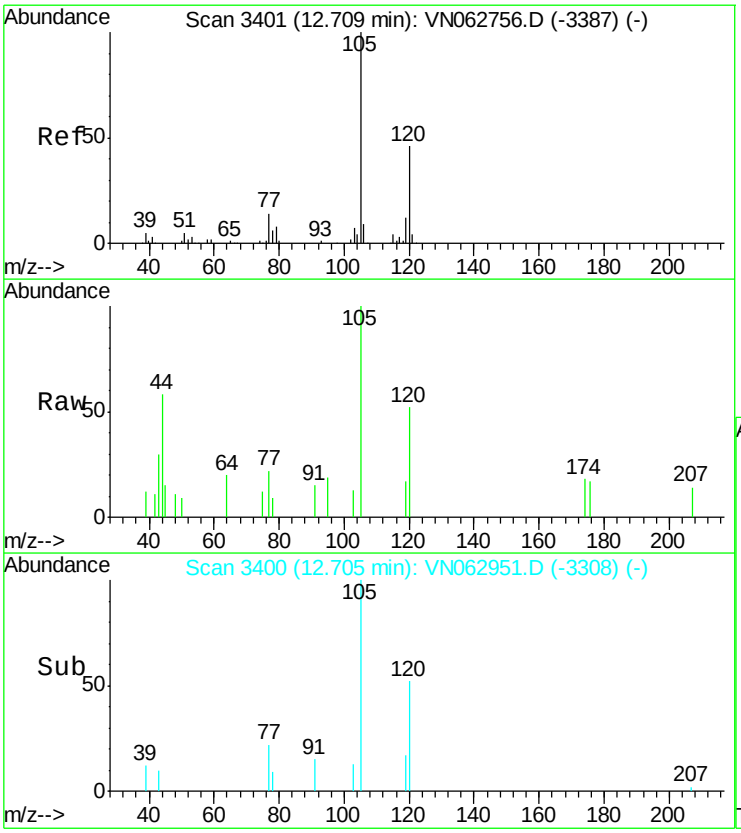
#76
1,2,3-Trichloropropane
Concen: 24.462 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.15 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Instrument : MSVOA_N
ClientSampleId : PB130954ZHE#10

Tgt Ion: 75 Resp: 89003

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

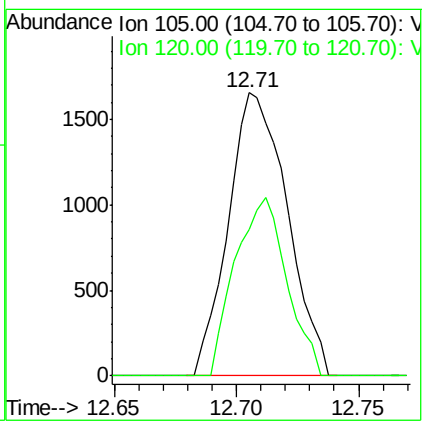


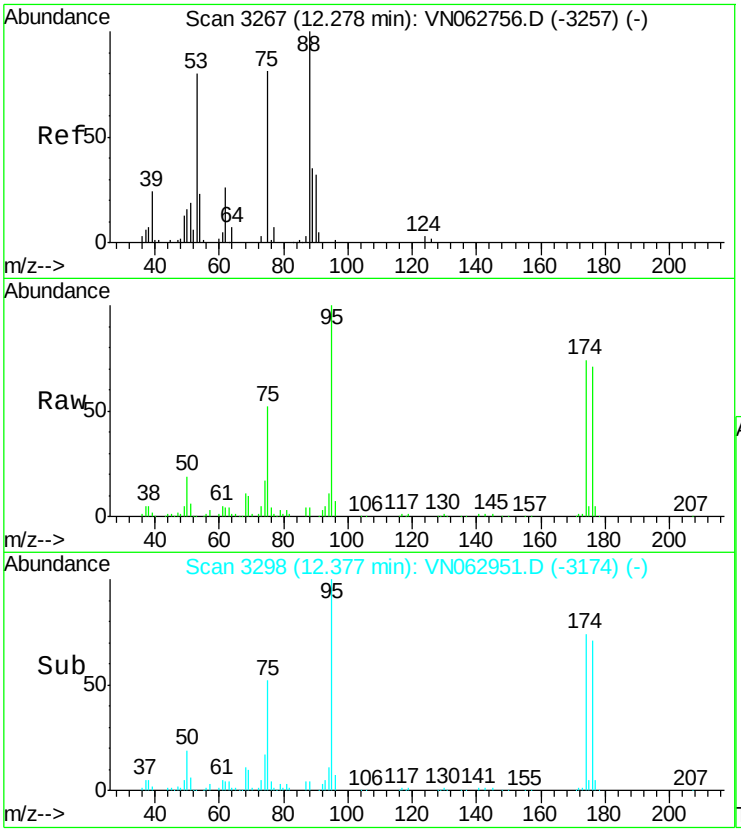


#80
1,3,5-Trimethylbenzene
Concen: 0.315 ug/l
RT: 12.71 min Scan# 3400
Delta R.T. -0.00 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Tgt Ion:105 Resp: 2774

Ion	Ratio	Lower	Upper
105	100		
120	55.1	22.9	68.5



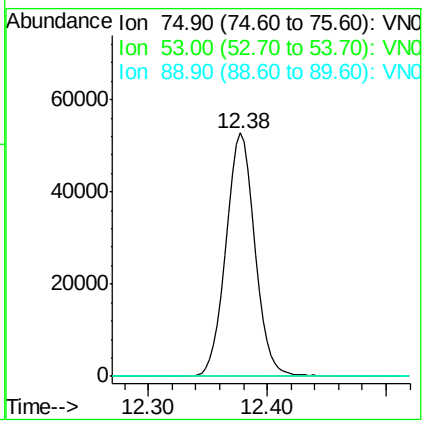


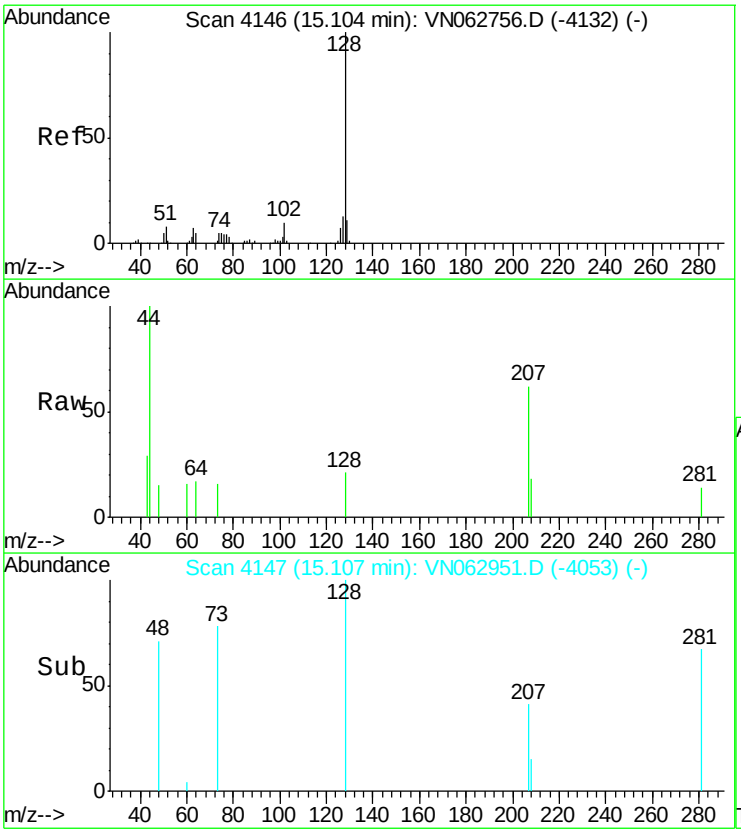
#81
trans-1,4-Dichloro-2-butene
Concen: 74.677 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Instrument :
MSVOA_N
ClientSampleId :
PB130954ZHE#10

Tgt Ion: 75 Resp: 89003

Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.1	118.7#
89	0.0	36.2	54.2#

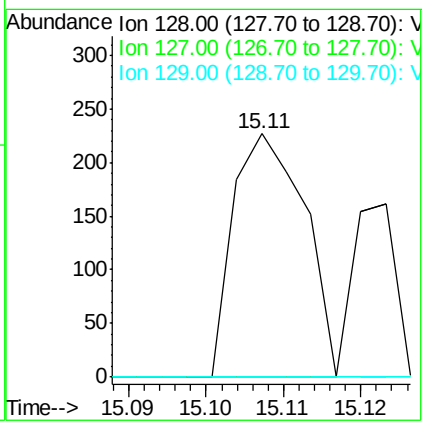


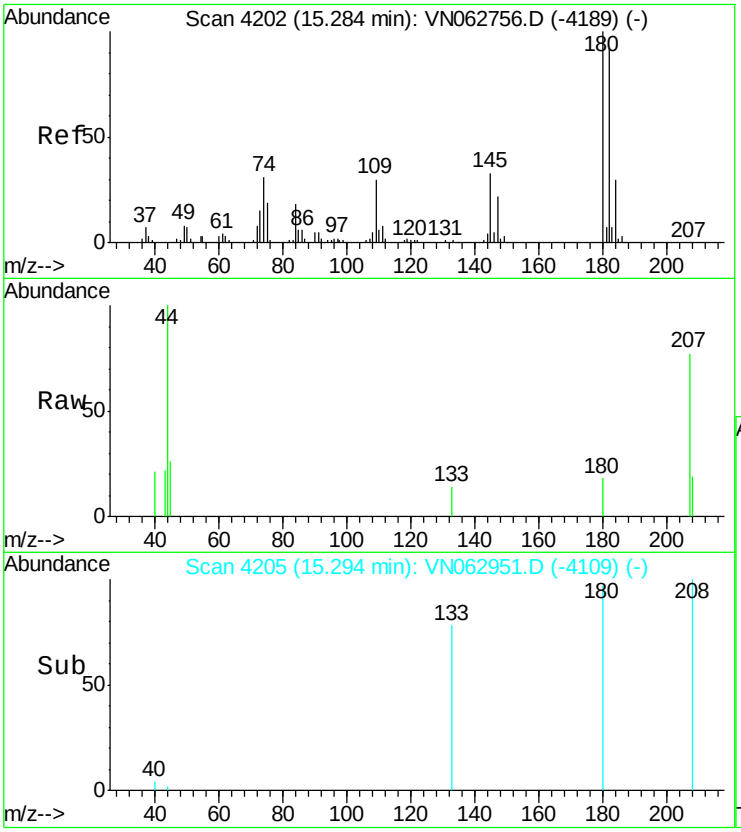


#95
Naphthalene
Concen: 3.730 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Tgt Ion:128 Resp: 145

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 2.770 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.01 min
Lab File: VN062951.D
Acq: 14 Aug 2020 22:33

Instrument :
MSVOA_N
ClientSampleId :
PB130954ZHE#10

Tgt Ion:180 Resp: 69

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.9	143.6#
145	0.0	17.3	51.7#