Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
Data File : VN059737.D
Acq On : 16 Jan 2020 17:15
Operator : JC/MD
Sample : L1126-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WASTE-CHARACTERIZATION

Quant Time: Jan 17 04:38:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 14 08:58:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	195195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	288480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	248123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105924	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	101180	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.36%			
35) Dibromofluoromethane	7.56	113	88077	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.40%			
50) Toluene-d8	10.08	98	331164	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.36%			
62) 4-Bromofluorobenzene	12.40	95	111967	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.20%			
Target Compounds						Qvalue
16) Acetone	3.79	43	5011	Below Cal	#	88
18) Methyl Acetate	4.29	43	4286	1.693	ug/l	95
20) Methylene Chloride	4.52	84	4315	0.930	ug/l	90
25) 2-Butanone	6.81	43	942	0.767	ug/l #	50
31) Cyclohexane	7.64	56	3815	1.189	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	13023	5.184	ug/l #	51
38) Carbon Tetrachloride	7.64	117	17778	6.506	ug/l #	16
43) Isopropyl Acetate	8.14	43	40909	10.094	ug/l #	90
45) 1,2-Dichloropropane	9.25	63	710	0.383	ug/l #	44
48) Methyl methacrylate	9.17	41	2362	1.303	ug/l #	13
51) 4-Methyl-2-Pentanone	9.97	43	2905	1.240	ug/l #	85
54) cis-1,3-Dichloropropene	9.89	75	18450	5.959	ug/l #	54
57) 1,3-Dichloropropane	10.75	76	3006	1.010	ug/l #	42
59) 2-Hexanone	10.75	43	39539	22.909	ug/l #	54
74) N-amyl acetate	12.03	43	1798	0.596	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	56495	31.693	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	56495	68.060	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.26	75	94	Below Cal	#	6
95) Naphthalene	15.14	128	1173	0.203	ug/l #	69

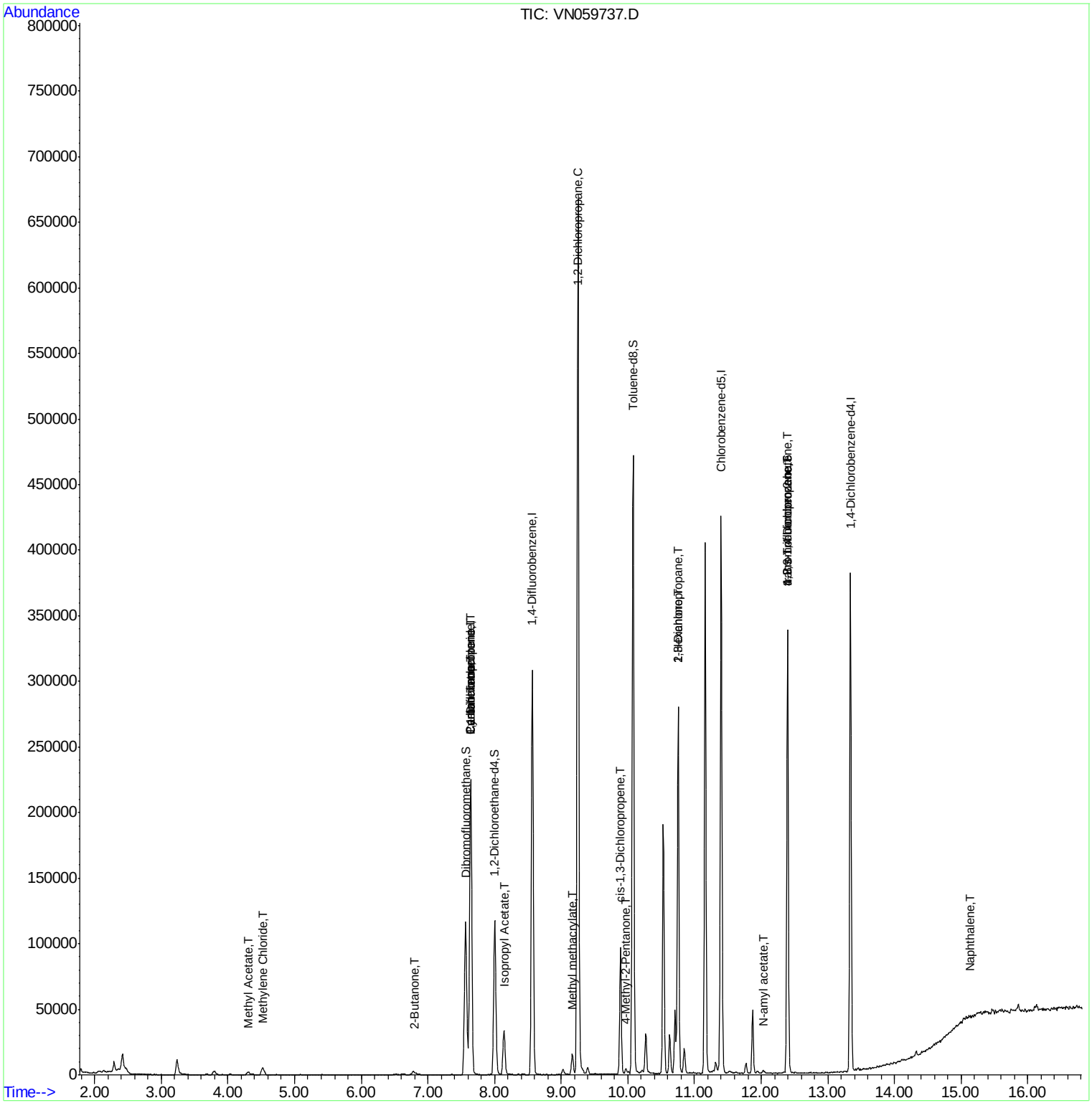
(#) = qualifier out of range (m) = manual integration (+) = signals summed

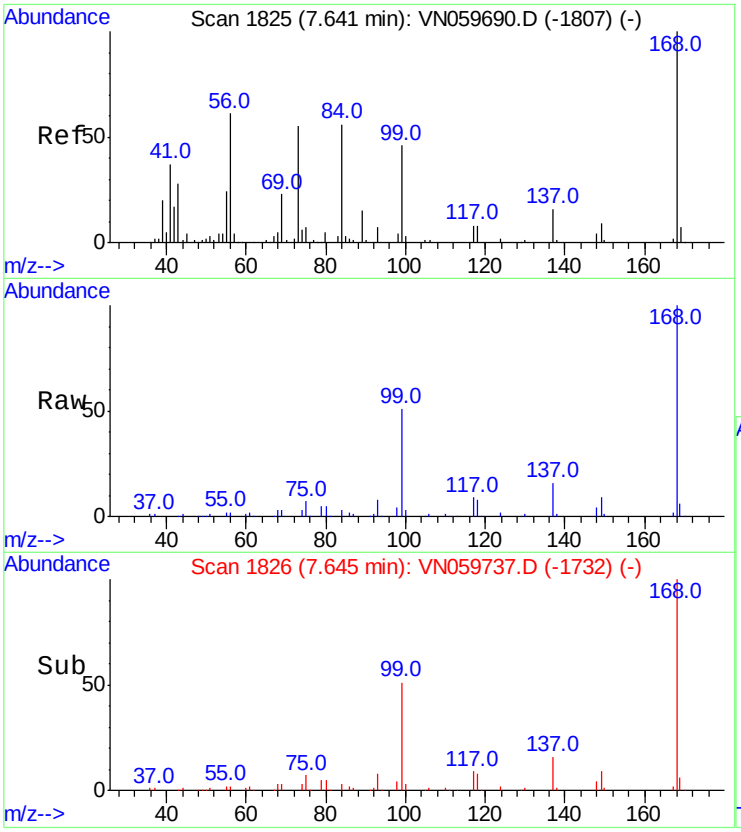
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
Data File : VN059737.D
Acq On : 16 Jan 2020 17:15
Operator : JC/MD
Sample : L1126-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WASTE-CHARACTERIZATION

Quant Time: Jan 17 04:38:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 14 08:58:21 2020
Response via : Initial Calibration



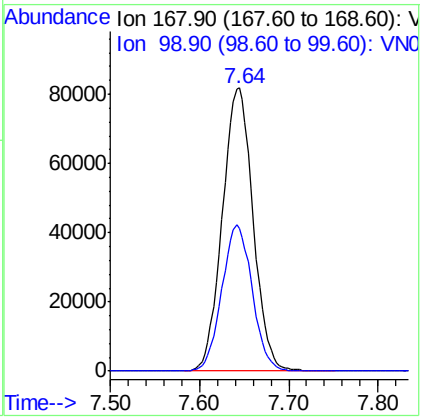


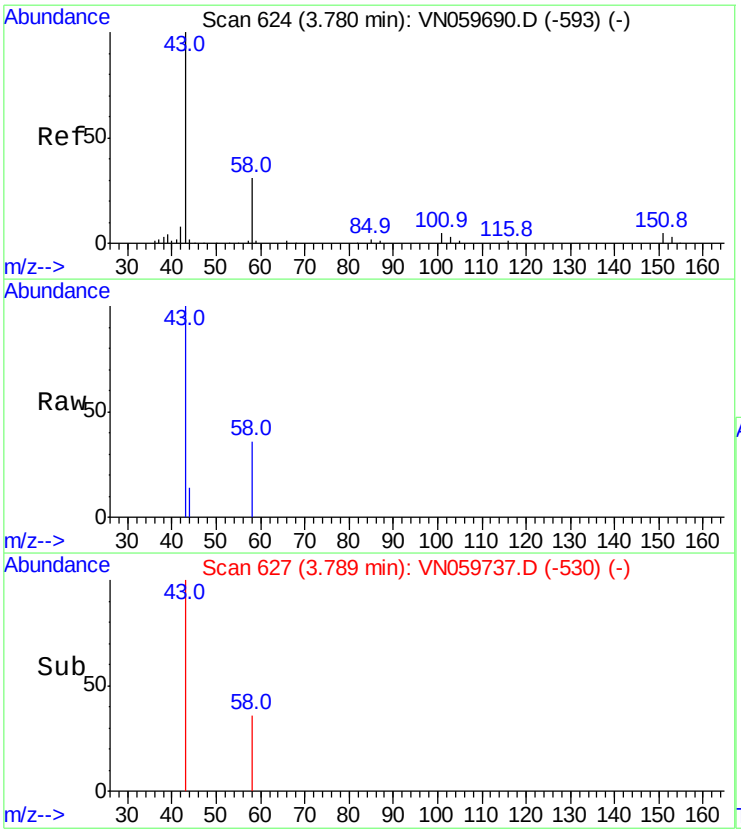
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion:168 Resp: 195195

Ion	Ratio	Lower	Upper
168	100		
99	50.5	48.2	72.4

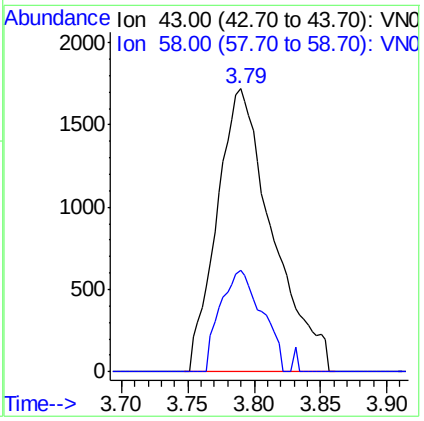


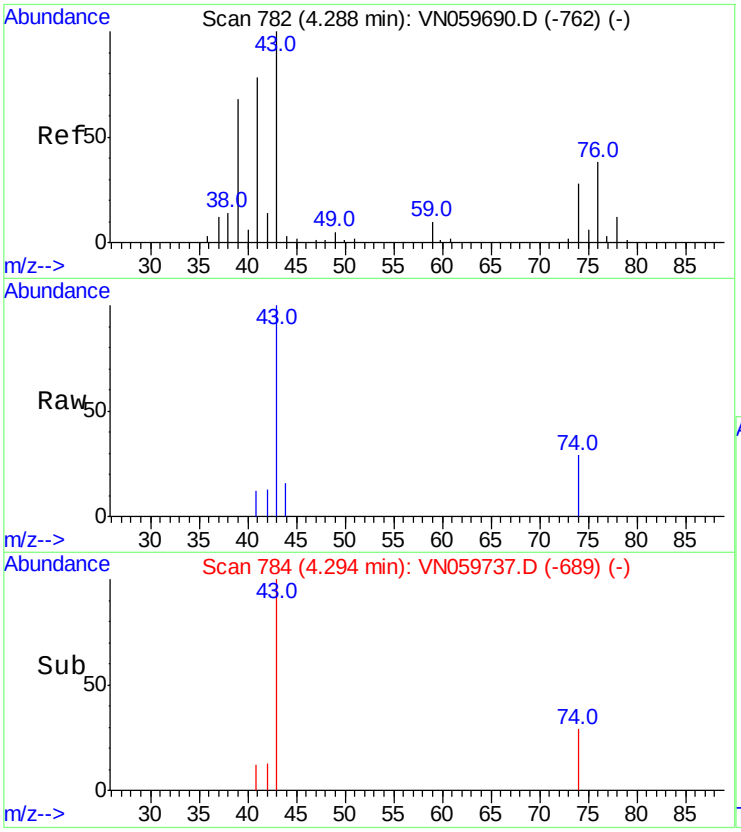


#16
Acetone
Concen: Below Cal
RT: 3.79 min Scan# 627
Delta R.T. 0.01 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Tgt Ion: 43 Resp: 5011

Ion	Ratio	Lower	Upper
43	100		
58	35.7	23.6	35.4#



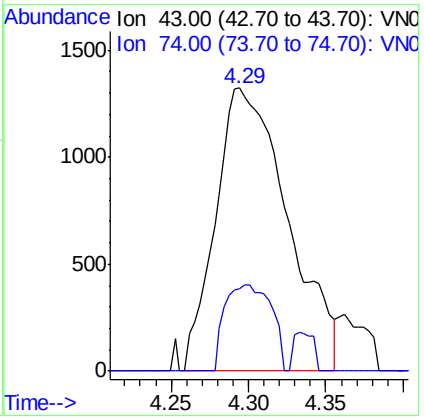


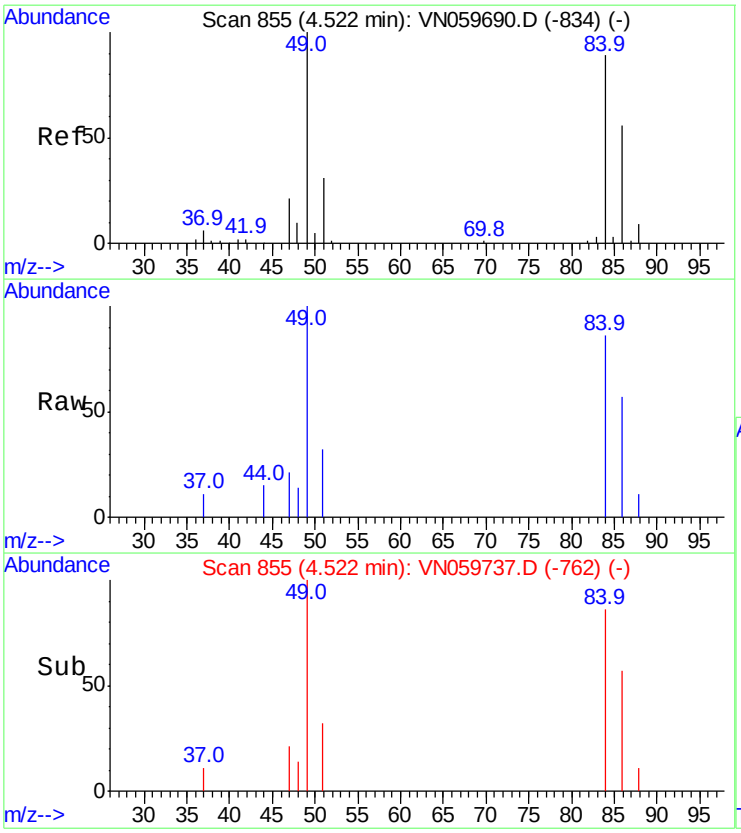
#18
Methyl Acetate
Concen: 1.693 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.01 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion: 43 Resp: 4286

Ion	Ratio	Lower	Upper
43	100		
74	19.6	17.5	26.3

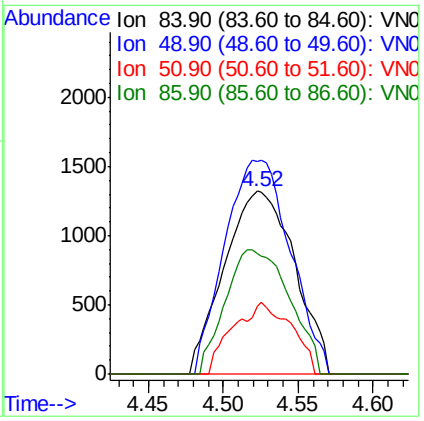


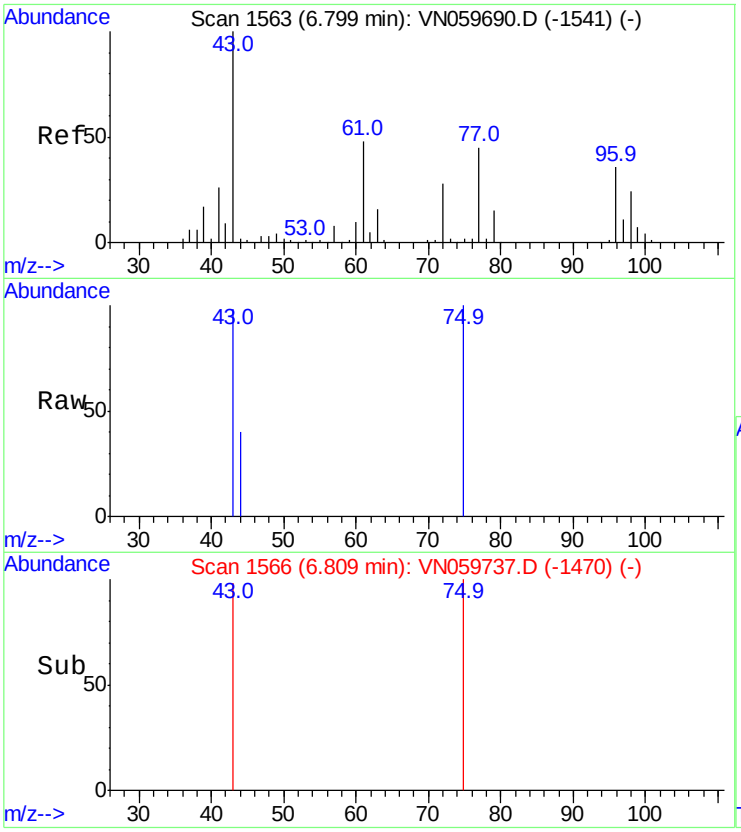


#20
Methylene Chloride
Concen: 0.930 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Tgt Ion: 84 Resp: 4315

Ion	Ratio	Lower	Upper
84	100		
49	116.4	106.6	160.0
51	37.2	31.9	47.9
86	65.8	50.8	76.2



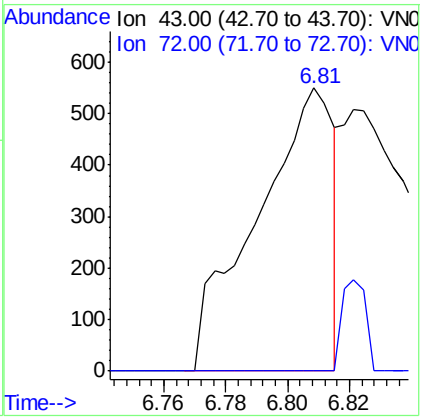


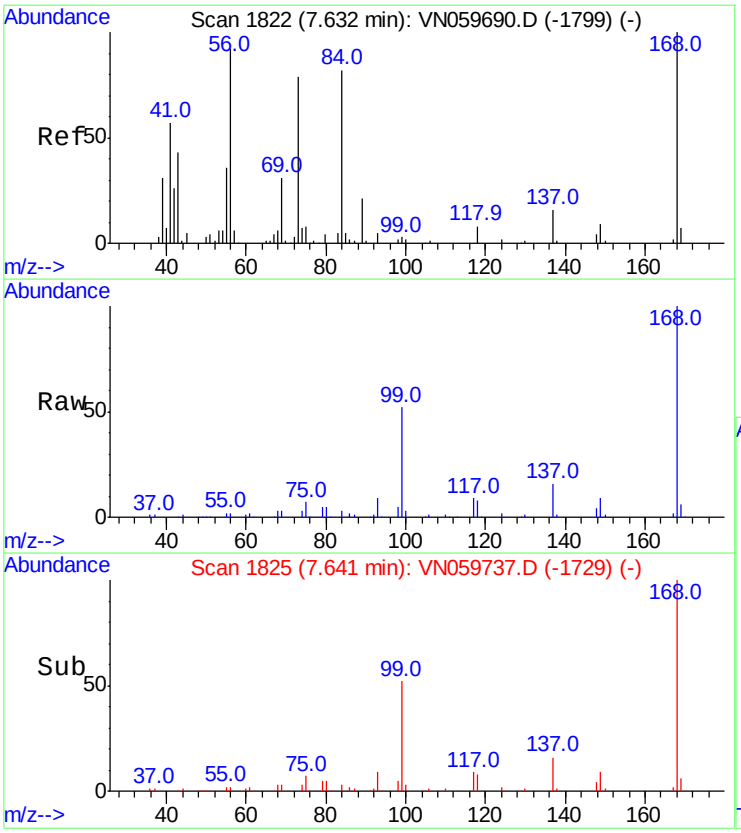
#25
2-Butanone
Concen: 0.767 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion: 43 Resp: 942

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.9	29.9#

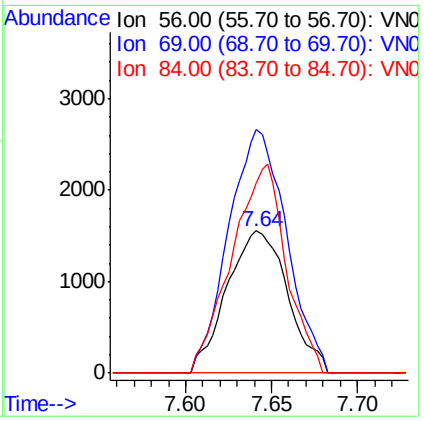


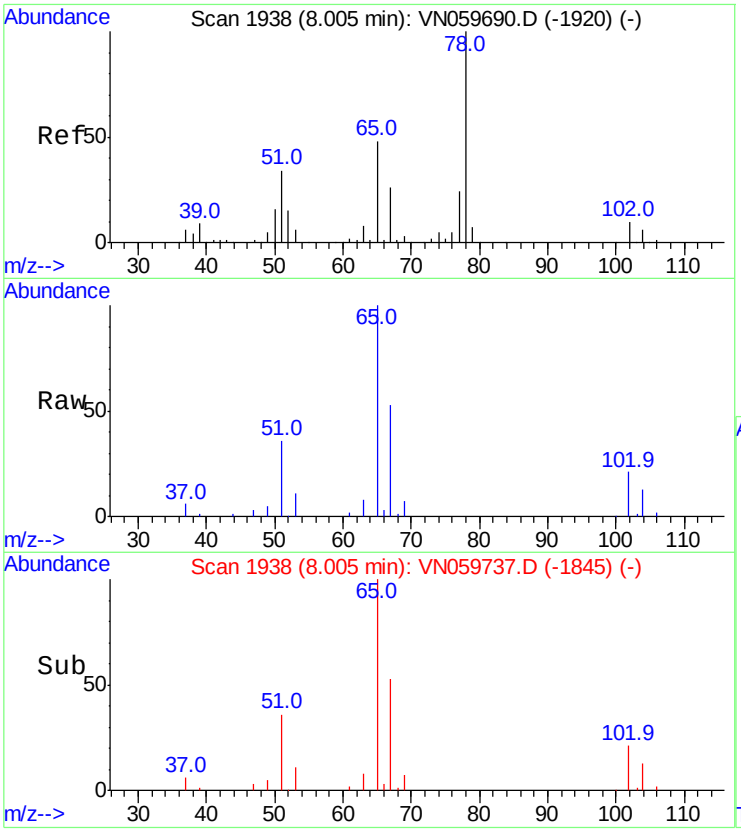


#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Tgt Ion: 56 Resp: 3815

Ion	Ratio	Lower	Upper
56	100		
69	171.4	26.5	39.7#
84	134.1	65.3	97.9#



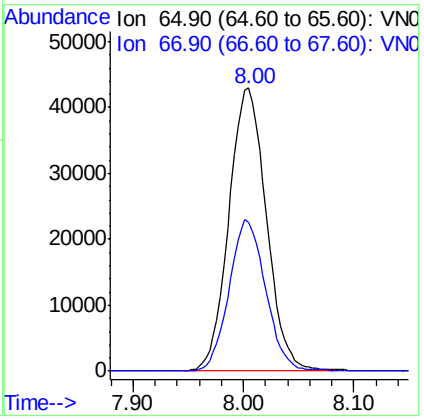


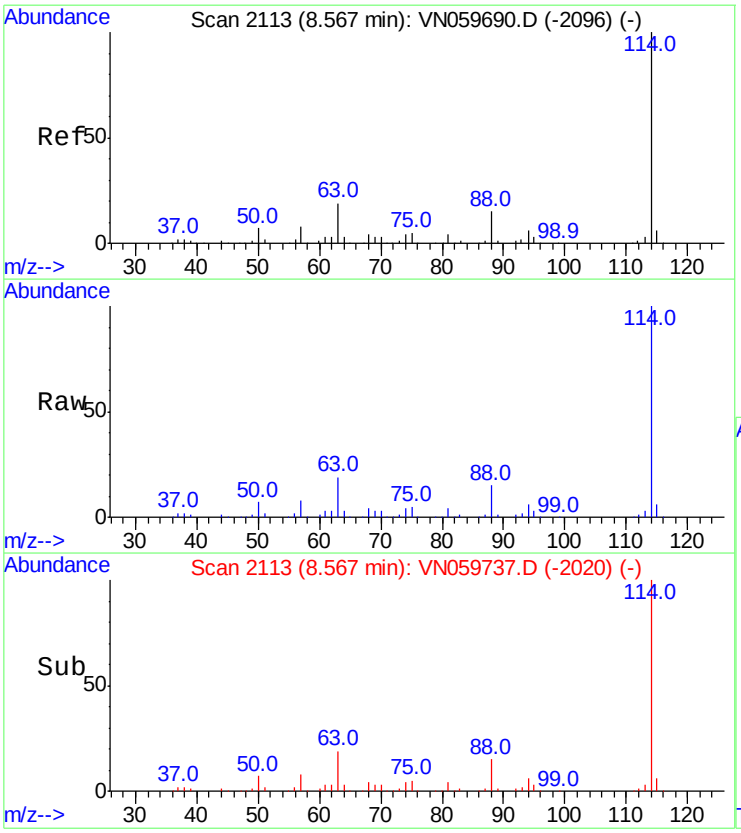
#33
1,2-Dichloroethane-d4
Concen: 46.676 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion: 65 Resp: 101180

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.0

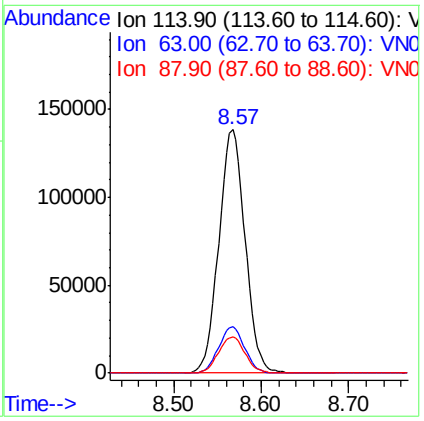


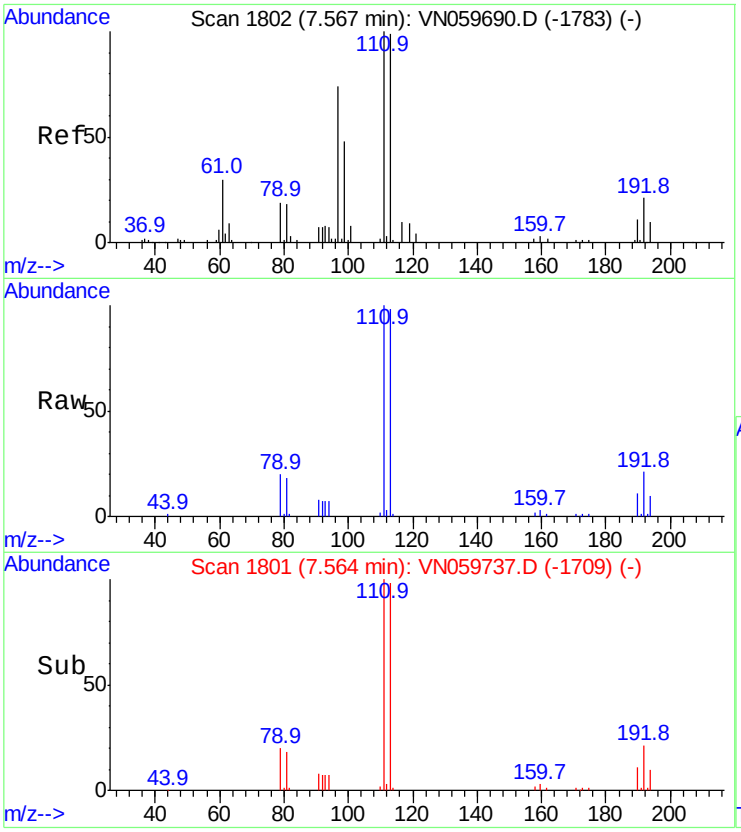


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Tgt Ion:114 Resp: 288480

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	43.6
88	14.8	0.0	31.4



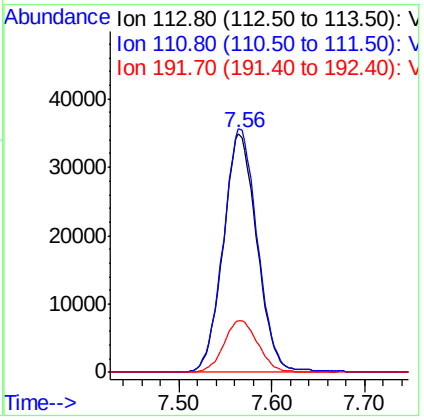


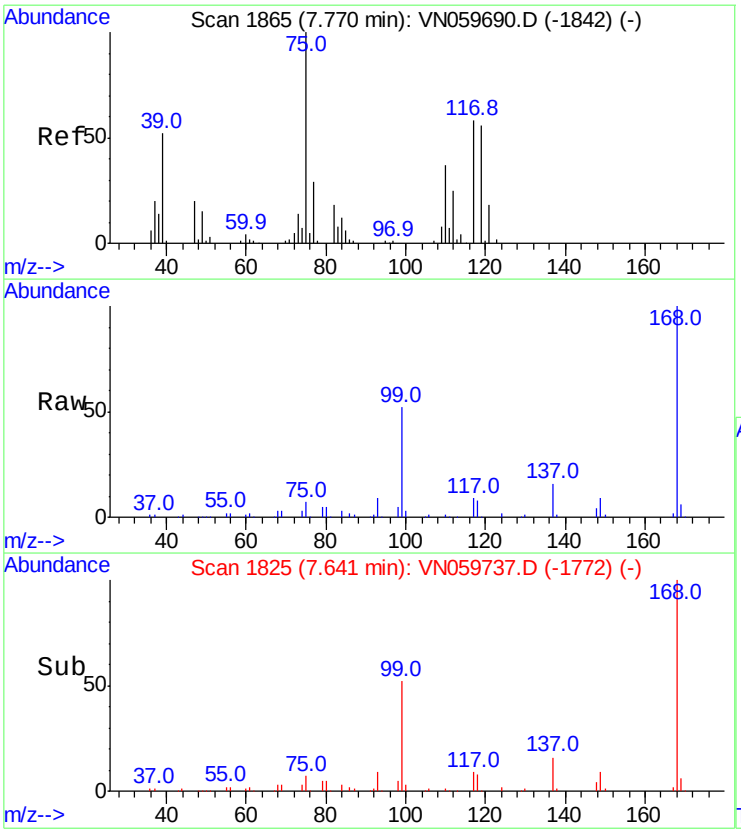
#35
Dibromofluoromethane
Concen: 51.198 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion:113 Resp: 88077

Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.5	125.3
192	21.8	15.4	23.2

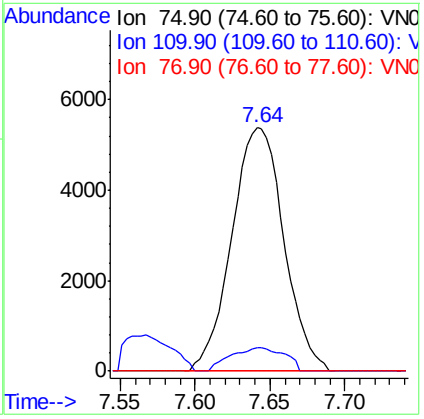


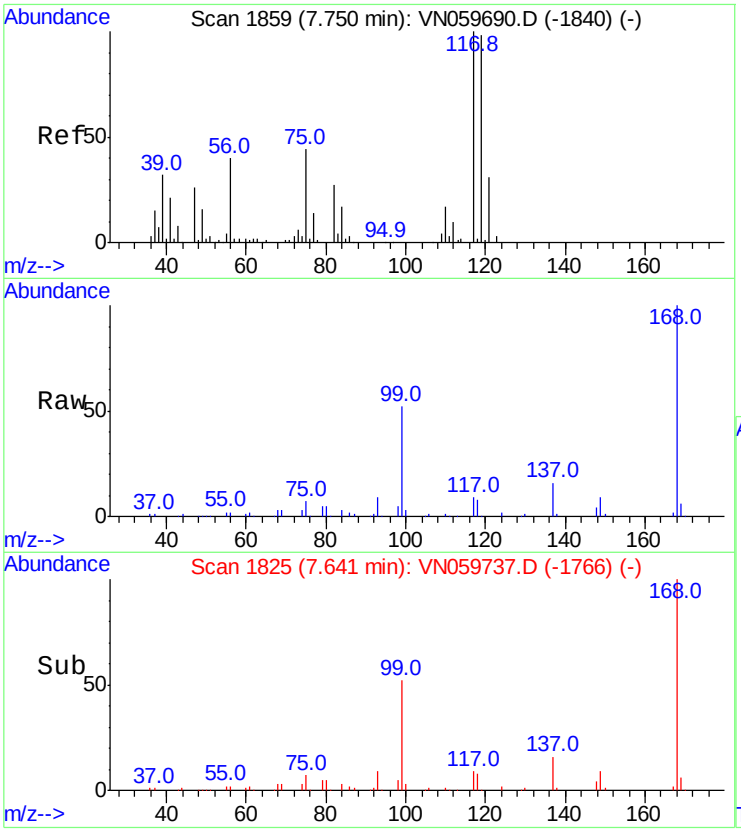


#36
1,1-Dichloropropene
Concen: 5.184 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.13 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Tgt Ion: 75 Resp: 13023

Ion	Ratio	Lower	Upper
75	100		
110	9.9	16.6	49.7#
77	0.0	25.1	37.7#



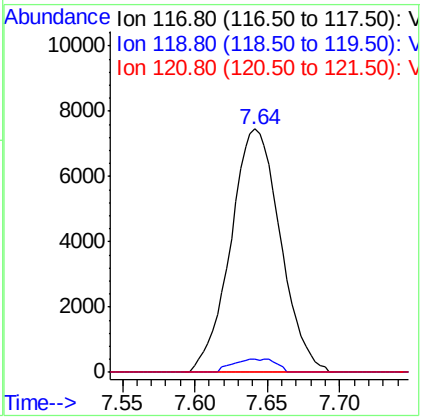


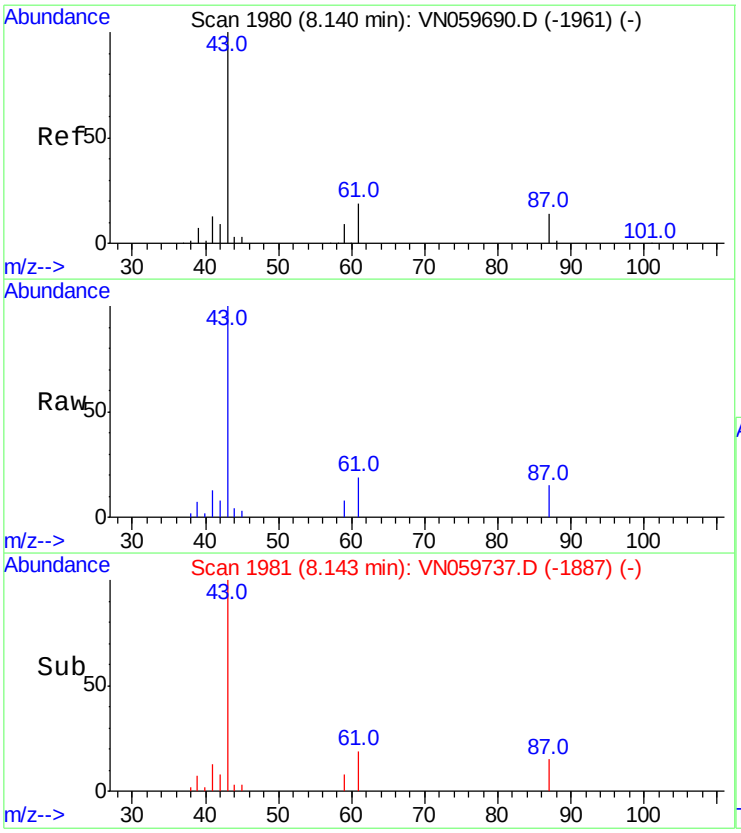
#38
Carbon Tetrachloride
Concen: 6.506 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion:117 Resp: 17778

Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.5	114.7#
121	0.0	25.1	37.7#

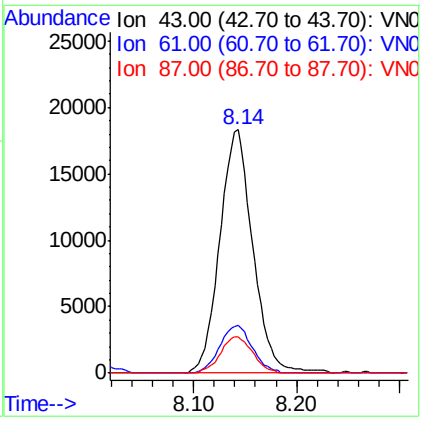


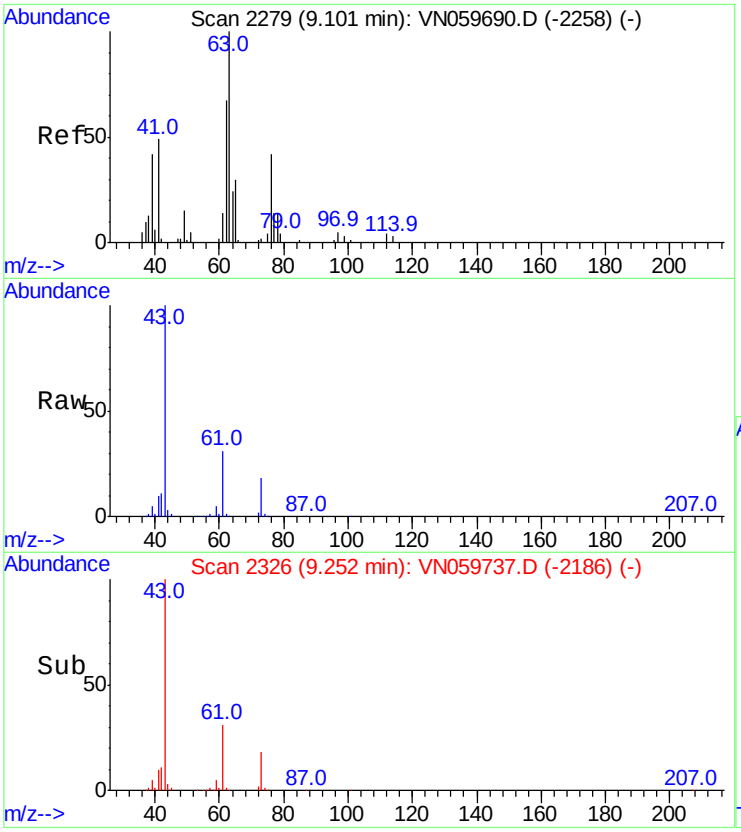


#43
Isopropyl Acetate
Concen: 10.094 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Tgt Ion: 43 Resp: 40909

Ion	Ratio	Lower	Upper
43	100		
61	19.3	20.2	30.2#
87	14.5	9.5	14.3#



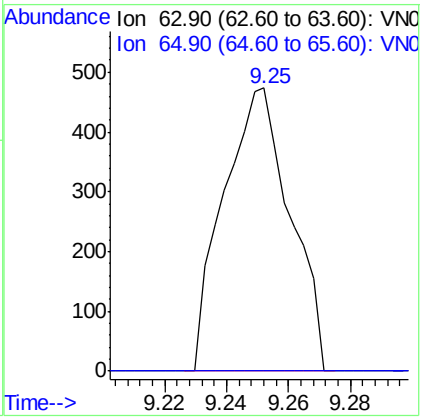


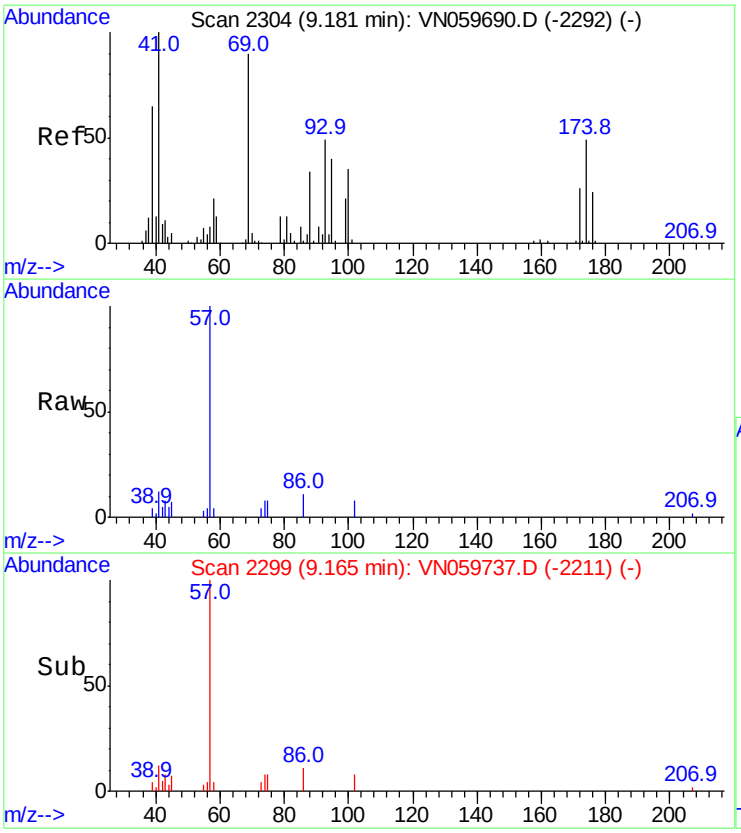
#45
1,2-Dichloropropane
Concen: 0.383 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.15 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Instrument : MSVOA_N
ClientSampleId : WASTE-CHARACTERIZATION

Tgt Ion: 63 Resp: 710

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.9	37.3#

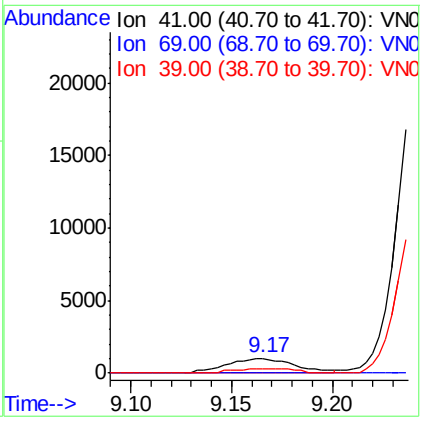


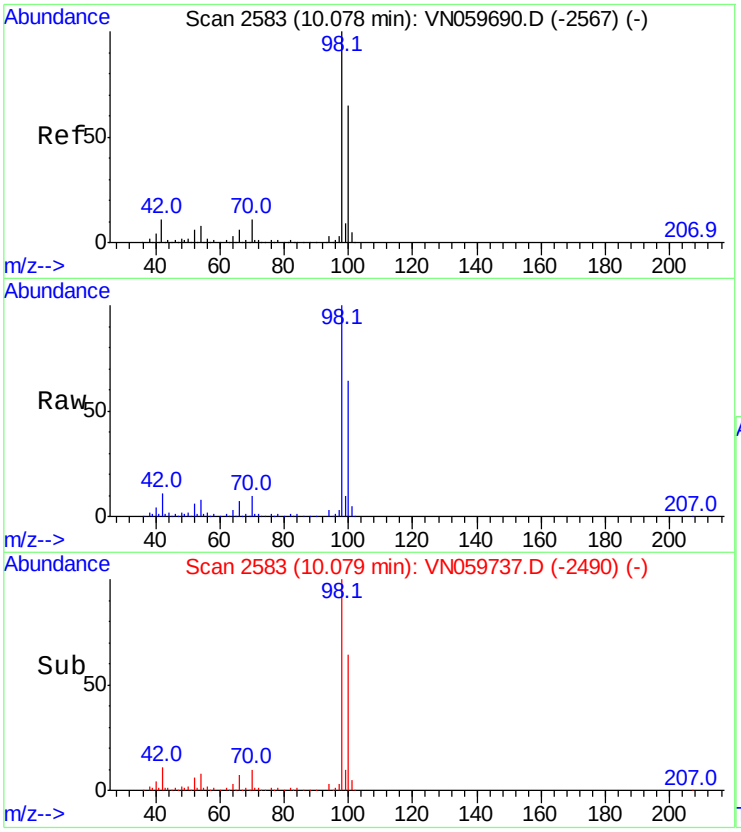


#48
Methyl methacrylate
Concen: 1.303 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.02 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Tgt Ion: 41 Resp: 2362

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.4	96.6#
39	0.0	51.3	76.9#



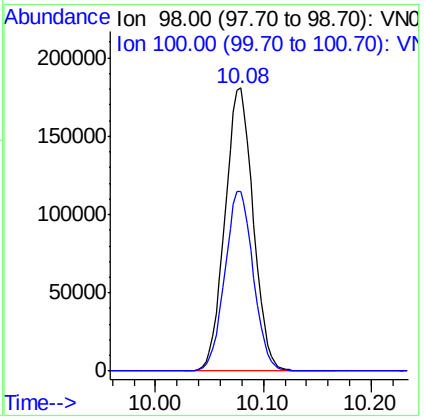


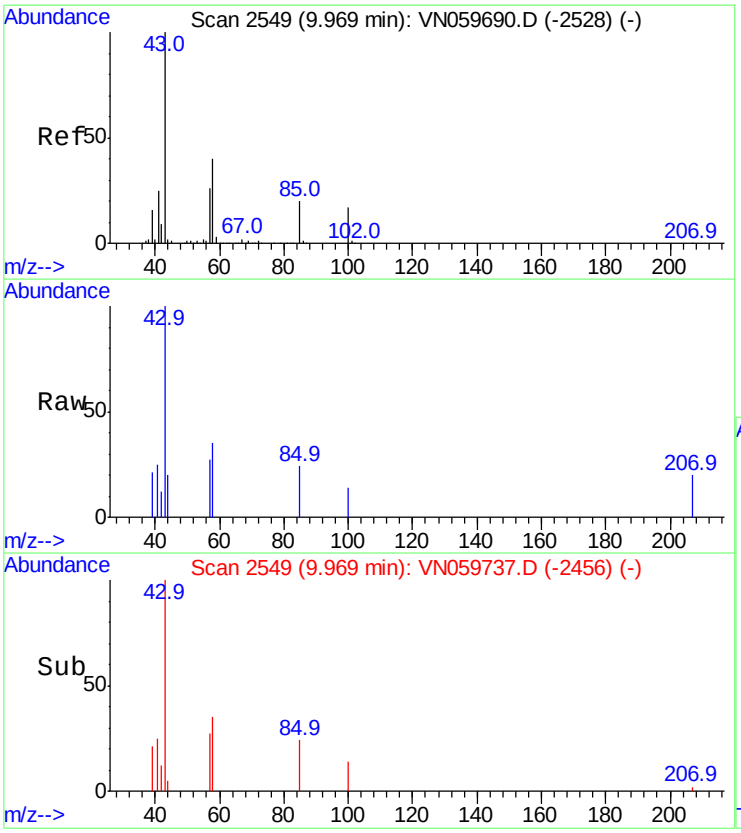
#50
Toluene-d8
Concen: 49.684 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion: 98 Resp: 331164

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.2	76.8

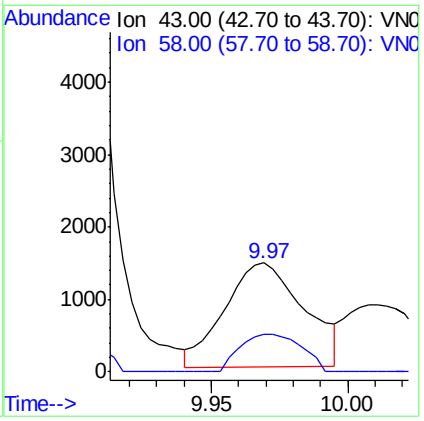


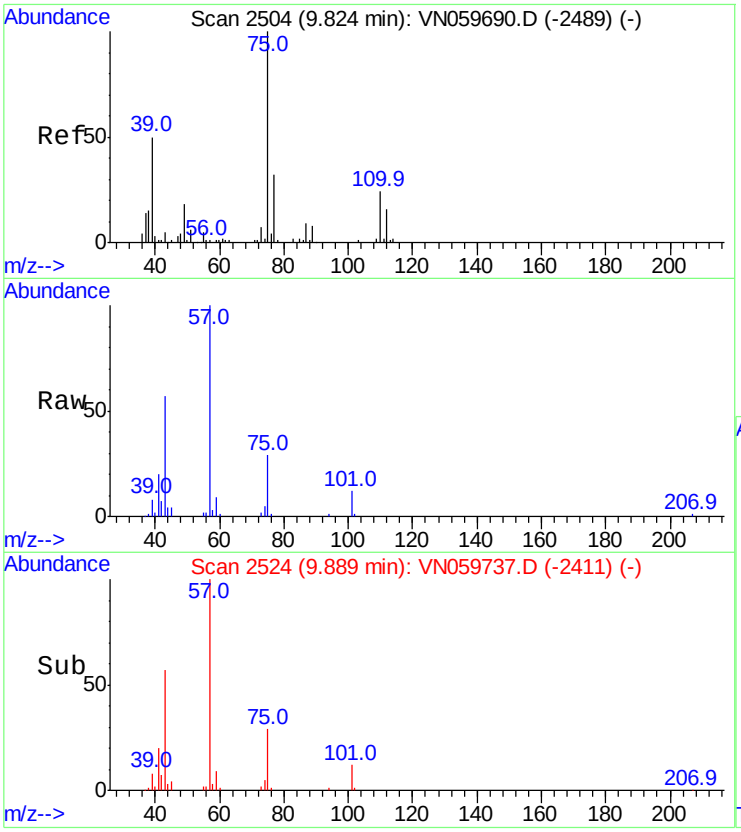


#51
4-Methyl-2-Pentanone
Concen: 1.240 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Tgt Ion: 43 Resp: 2905

Ion	Ratio	Lower	Upper
43	100		
58	28.3	29.8	44.8#



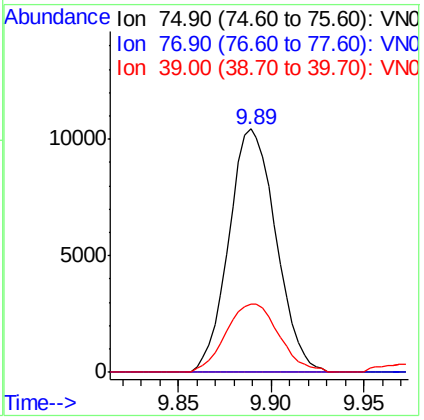


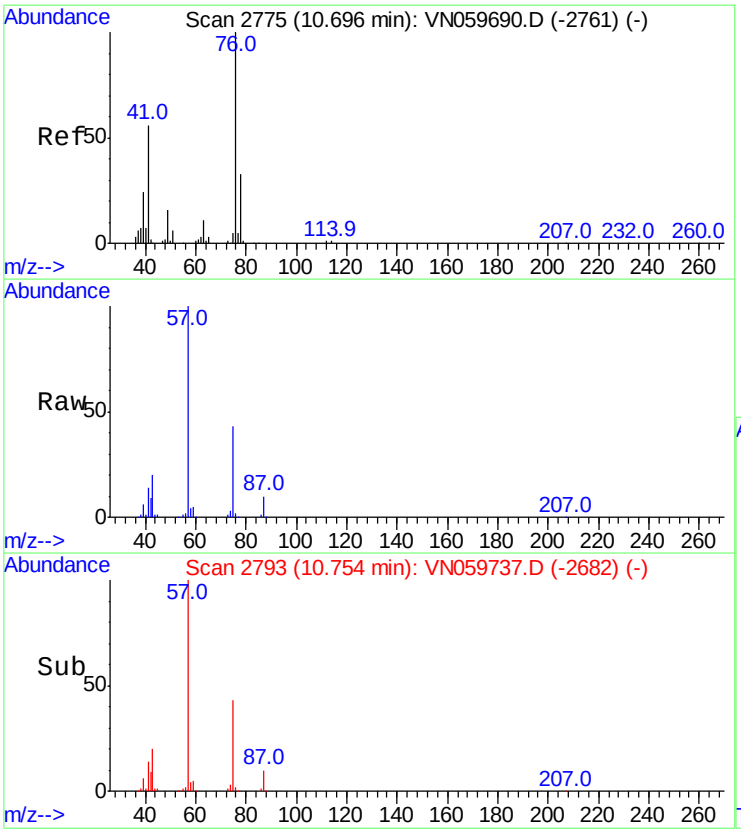
#54
cis-1,3-Dichloropropene
Concen: 5.959 ug/l
RT: 9.89 min Scan# 2524
Delta R.T. 0.06 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion: 75 Resp: 18450

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#
39	28.0	46.1	69.1#

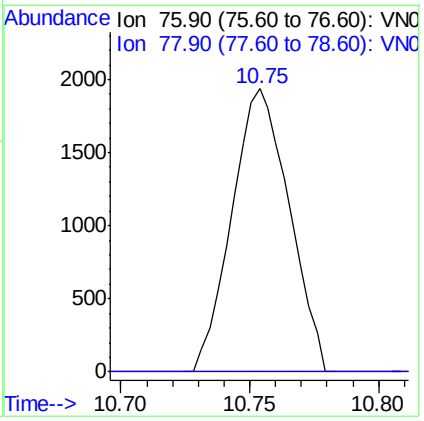


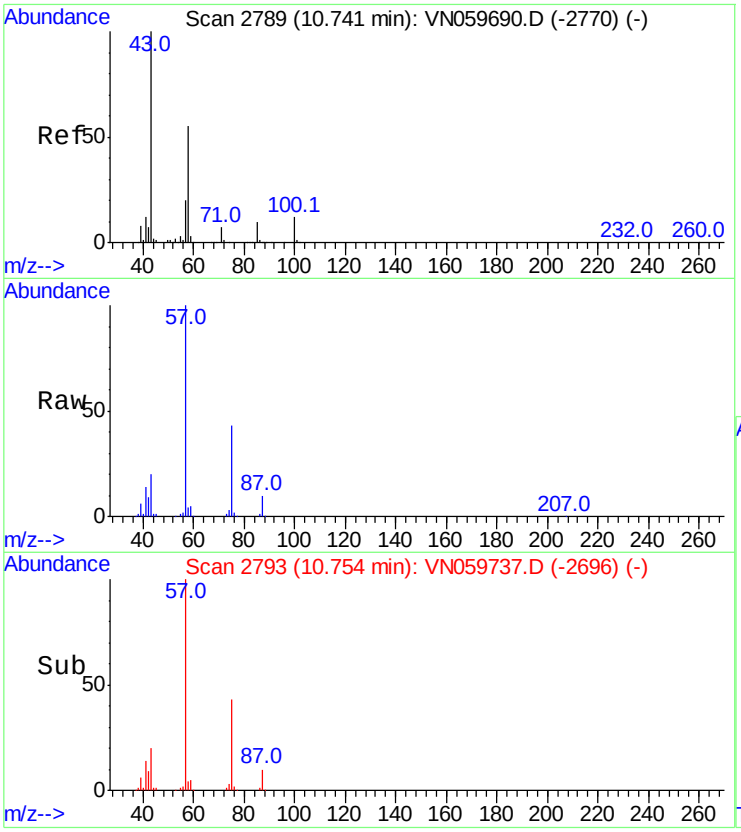


#57
1,3-Dichloropropane
Concen: 1.010 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.06 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Tgt Ion: 76 Resp: 3006

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#



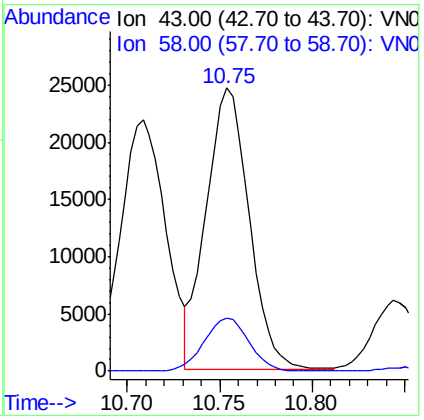


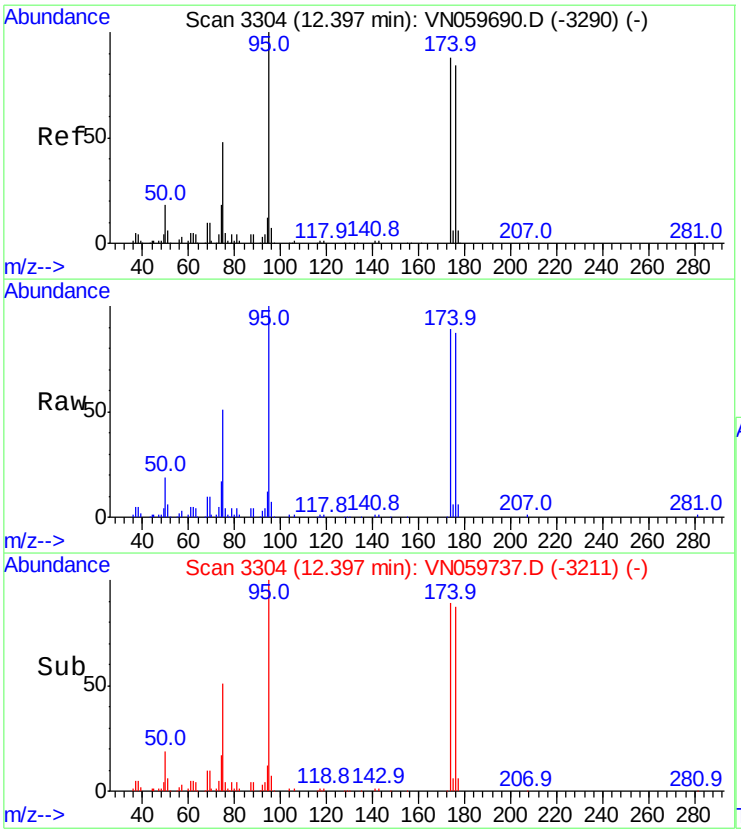
#59
2-Hexanone
Concen: 22.909 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.01 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion: 43 Resp: 39539

Ion	Ratio	Lower	Upper
43	100		
58	19.6	25.8	77.3#

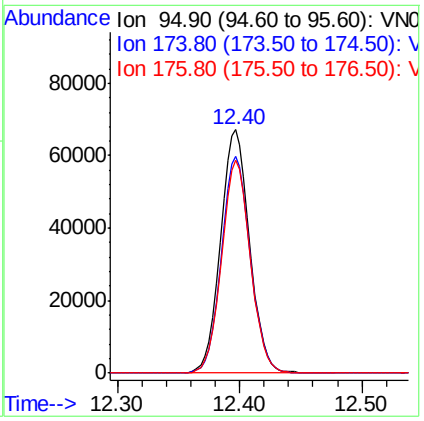


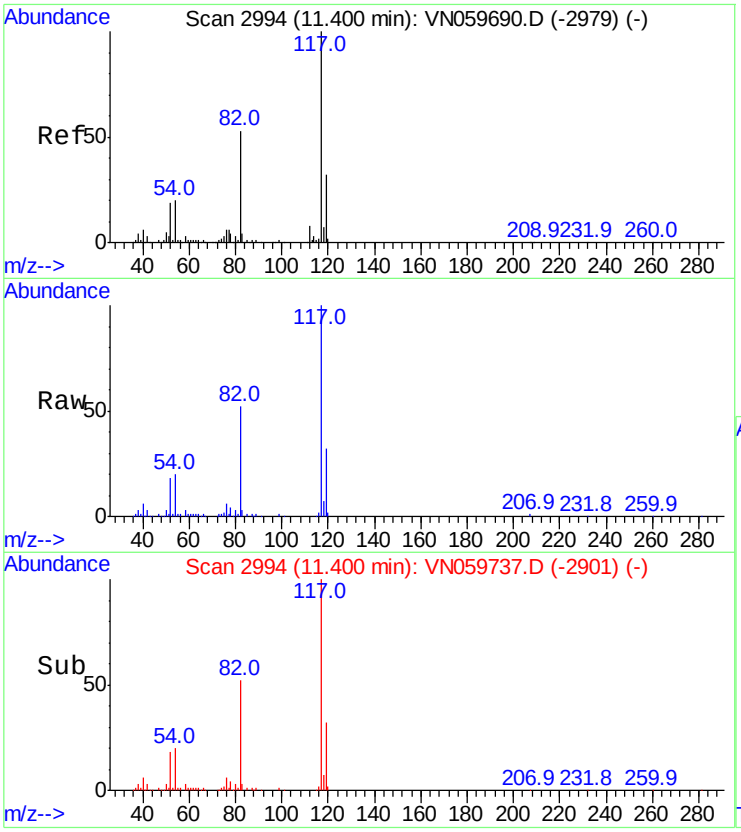


#62
4-Bromofluorobenzene
Concen: 46.597 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Tgt Ion: 95 Resp: 111967

Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	151.4
176	86.3	0.0	146.0



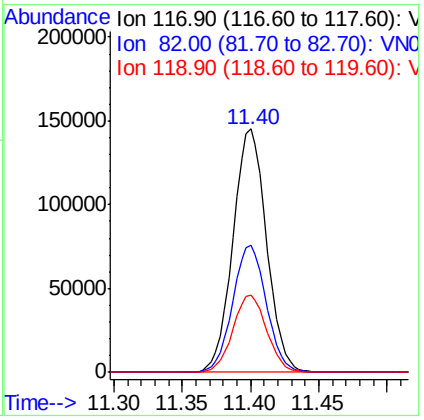


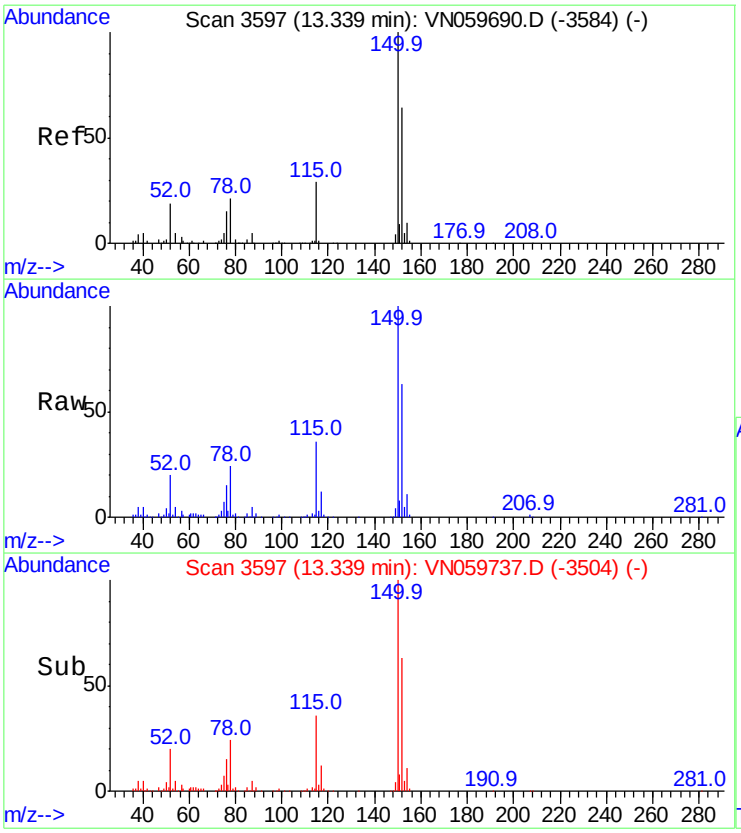
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion:117 Resp: 248123

Ion	Ratio	Lower	Upper
117	100		
82	52.1	45.9	68.9
119	31.8	25.5	38.3

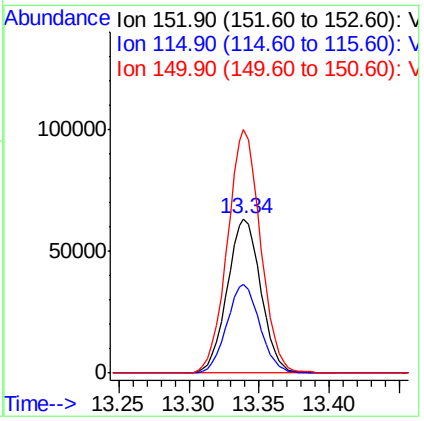


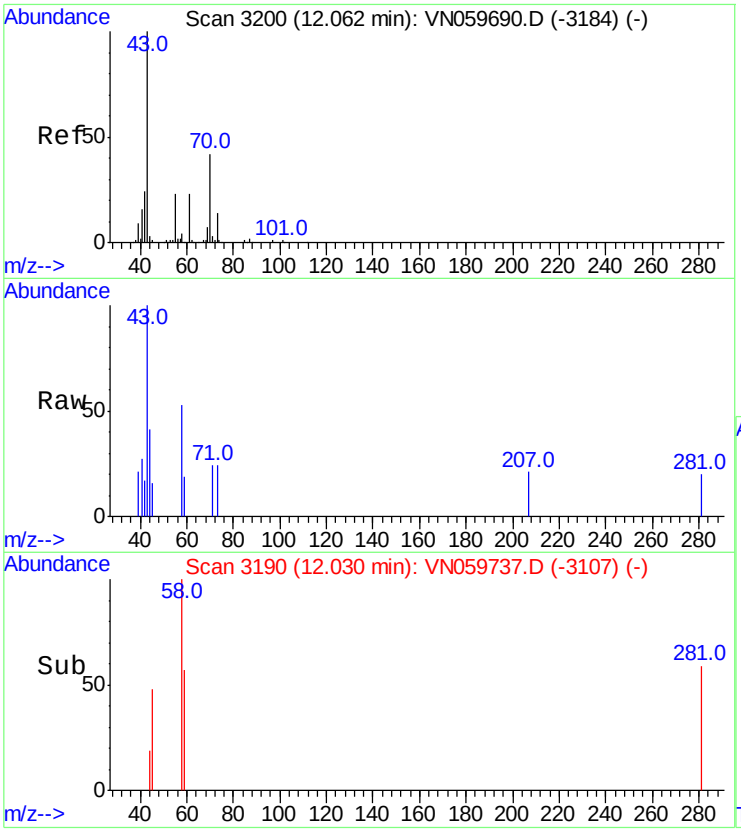


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Tgt Ion:152 Resp: 105924

Ion	Ratio	Lower	Upper
152	100		
115	56.6	30.3	90.9
150	155.5	0.0	345.2



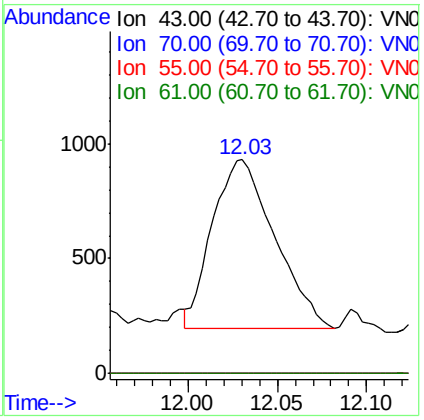


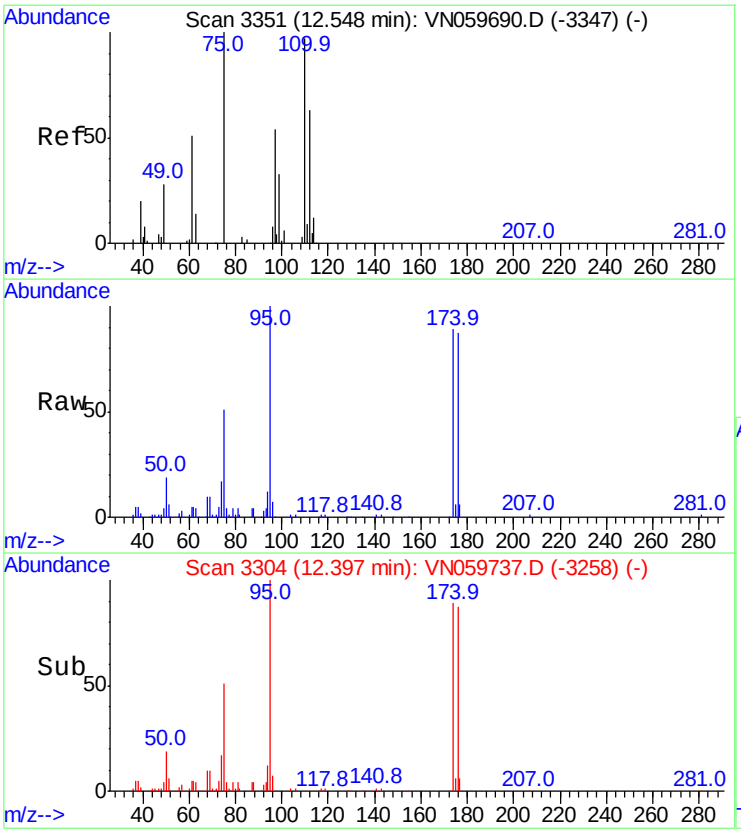
#74
N-amyl acetate
Concen: 0.596 ug/l
RT: 12.03 min Scan# 3190
Delta R.T. -0.03 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Instrument : MSVOA_N
ClientSampleId : WASTE-CHARACTERIZATION

Tgt Ion: 43 Resp: 1798

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.3	46.9#
55	0.0	19.8	29.6#
61	0.0	18.3	27.5#

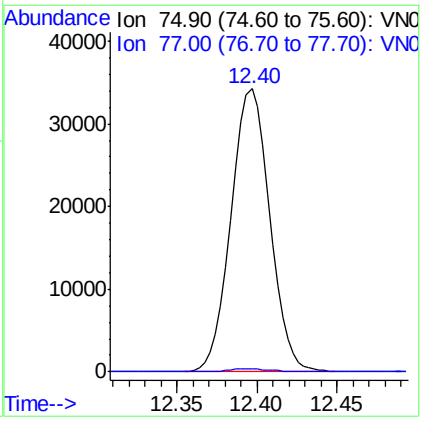


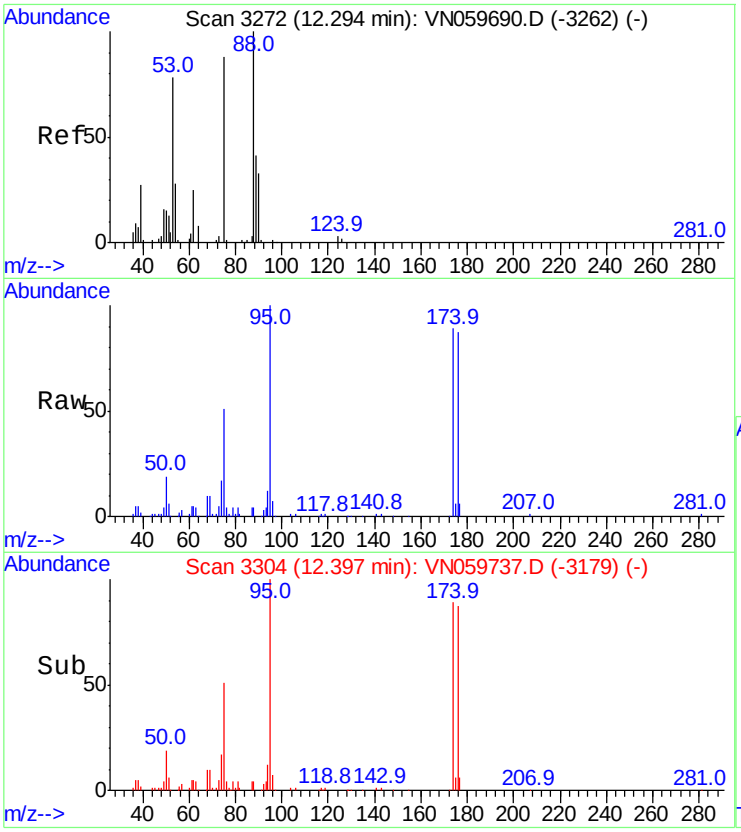


#76
1,2,3-Trichloropropane
Concen: 31.693 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Tgt Ion: 75 Resp: 56495

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#



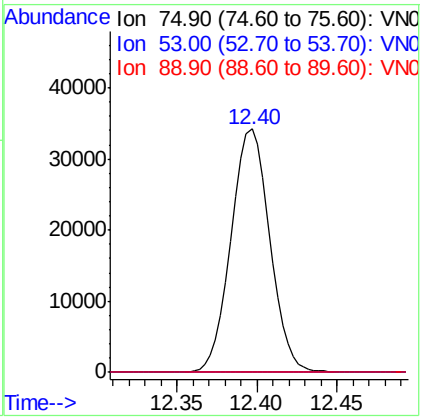


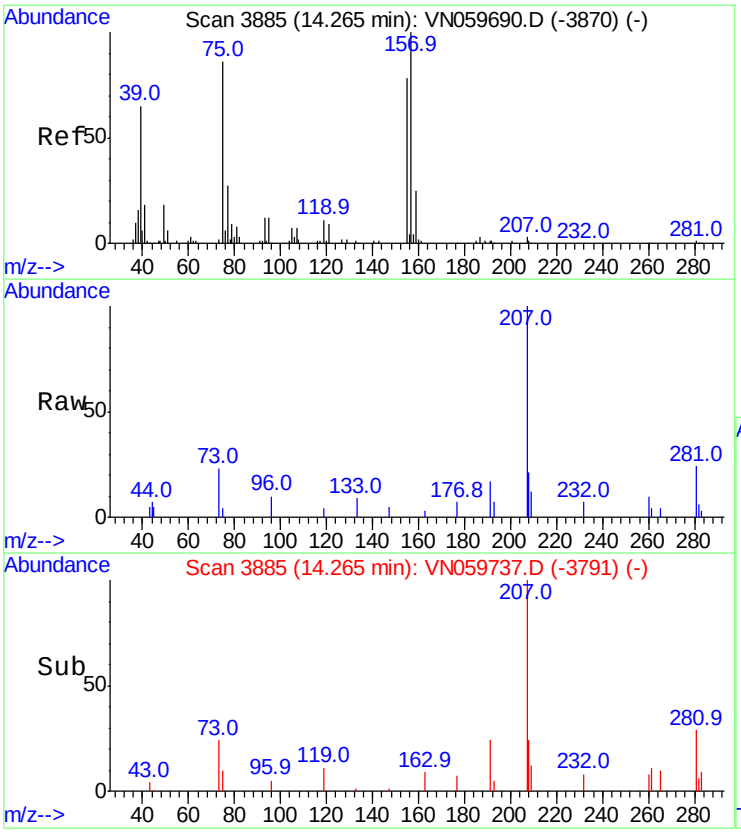
#81
trans-1,4-Dichloro-2-butene
Concen: 68.060 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion: 75 Resp: 56495

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.1	117.1#
89	0.0	35.4	53.2#

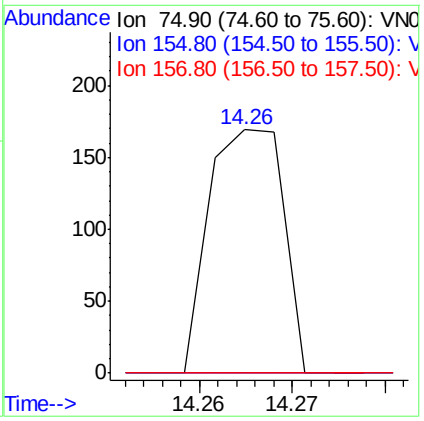


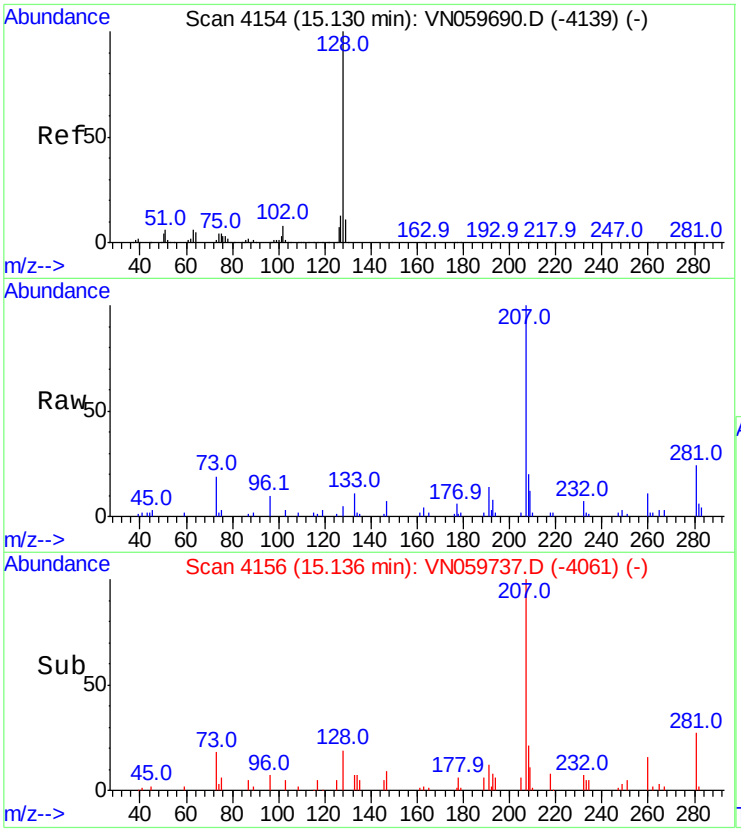


#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.26 min Scan# 3885
Delta R.T. 0.00 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Tgt Ion: 75 Resp: 94

Ion	Ratio	Lower	Upper
75	100		
155	0.0	37.0	110.9#
157	0.0	48.4	145.2#





#95
Naphthalene
Concen: 0.203 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.01 min
Lab File: VN059737.D
Acq: 16 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion:128 Resp: 1173

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	12.8#