Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
Data File : VN058497.D
Acq On : 3 Oct 2019 00:03
Operator : JC/SP
Sample : K5131-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 20190832-COMPOSITE-H

Quant Time: Oct 03 05:17:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	365585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	609159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	525449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	194384	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	278188	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.14%			
35) Dibromofluoromethane	7.58	113	194919	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.42%			
50) Toluene-d8	10.09	98	781251	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.84%			
62) 4-Bromofluorobenzene	12.41	95	237783	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.92%			
Target Compounds						Qvalue
3) Chloromethane	2.04	50	1043	0.237	ug/l #	86
11) Tert butyl alcohol	4.76	59	234	0.394	ug/l #	71
14) Allyl chloride	4.53	41	404700	64.482	ug/l #	21
16) Acetone	3.80	43	96886	53.199	ug/l	99
17) Carbon Disulfide	4.03	76	3798	0.418	ug/l	96
18) Methyl Acetate	4.31	43	5040	1.100	ug/l #	66
20) Methylene Chloride	4.53	84	8556727	2035.956	ug/l #	71
25) 2-Butanone	6.83	43	19919	7.966	ug/l	100
31) Cyclohexane	7.65	56	9759	1.320	ug/l #	17
36) 1,1-Dichloropropene	7.65	75	33298	5.717	ug/l #	52
37) Ethyl Acetate	6.83	43	19919	4.033	ug/l #	72
38) Carbon Tetrachloride	7.65	117	37917	7.212	ug/l #	16
43) Isopropyl Acetate	8.15	43	74953	8.071	ug/l	99
45) 1,2-Dichloropropane	9.26	63	939	0.209	ug/l #	43
48) Methyl methacrylate	9.17	41	5010	1.185	ug/l #	30
51) 4-Methyl-2-Pentanone	9.98	43	6491	1.361	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	30596	4.700	ug/l #	67
56) Ethyl methacrylate	10.54	69	1558	0.268	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	3890	0.568	ug/l #	43
59) 2-Hexanone	10.77	43	57429	16.534	ug/l #	55
60) Dibromochloromethane	10.63	129	869	Below Cal	#	11
64) Tetrachloroethene	10.64	164	1080	0.324	ug/l #	73
68) m/p-Xylenes	11.62	106	1456	0.205	ug/l #	64
71) Bromoform	12.41	173	1356	1.245	ug/l #	1
74) N-amyl acetate	12.04	43	3705	0.648	ug/l #	47
76) 1,2,3-Trichloropropane	12.41	75	134010	37.745	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	4032	0.335	ug/l	84
81) trans-1,4-Dichloro-2-buten	12.41	75	134010	114.635	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.05	105	6292	0.522	ug/l	100
95) Naphthalene	15.14	128	5098	0.508	ug/l #	91

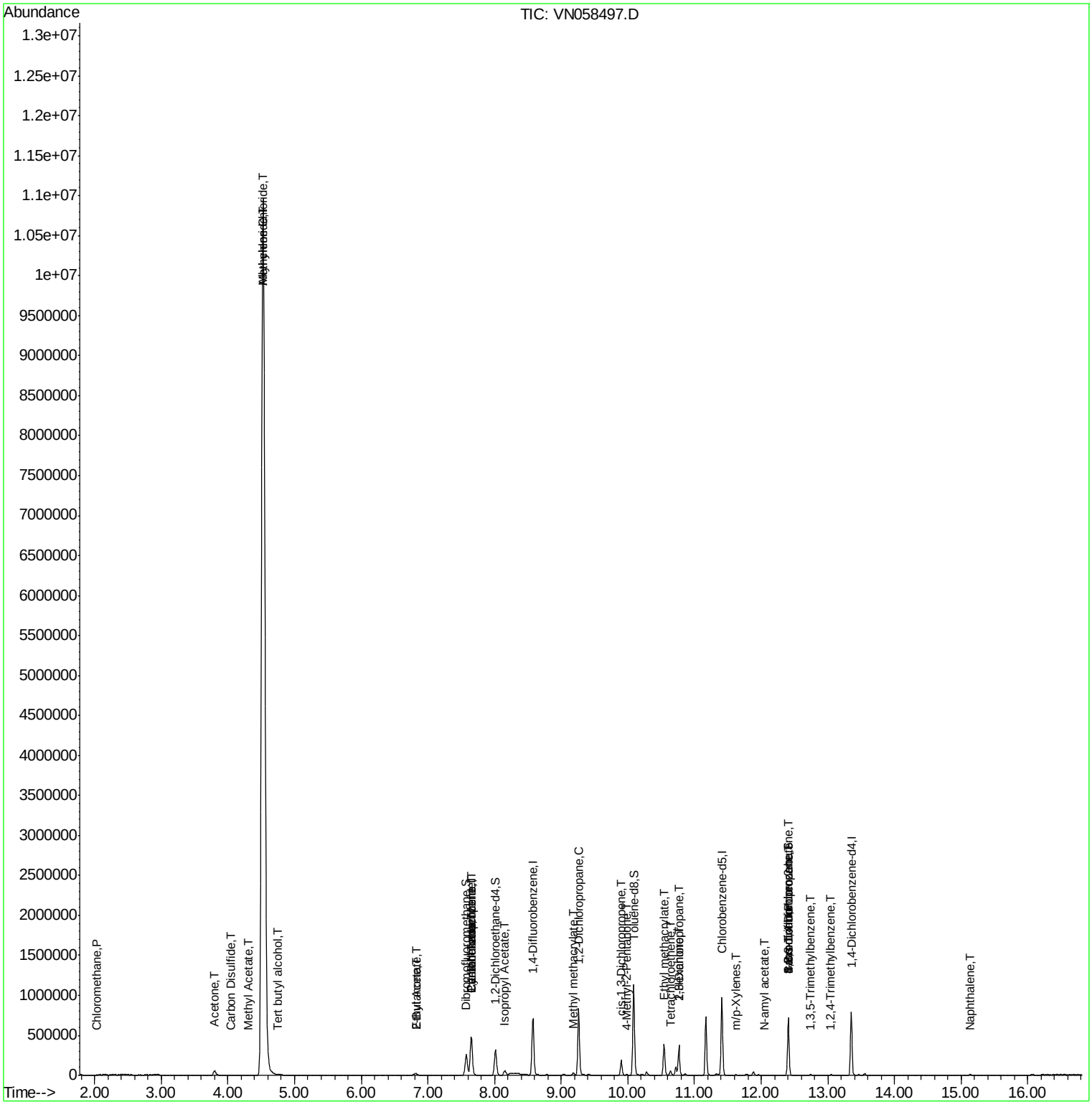
(#) = qualifier out of range (m) = manual integration (+) = signals summed

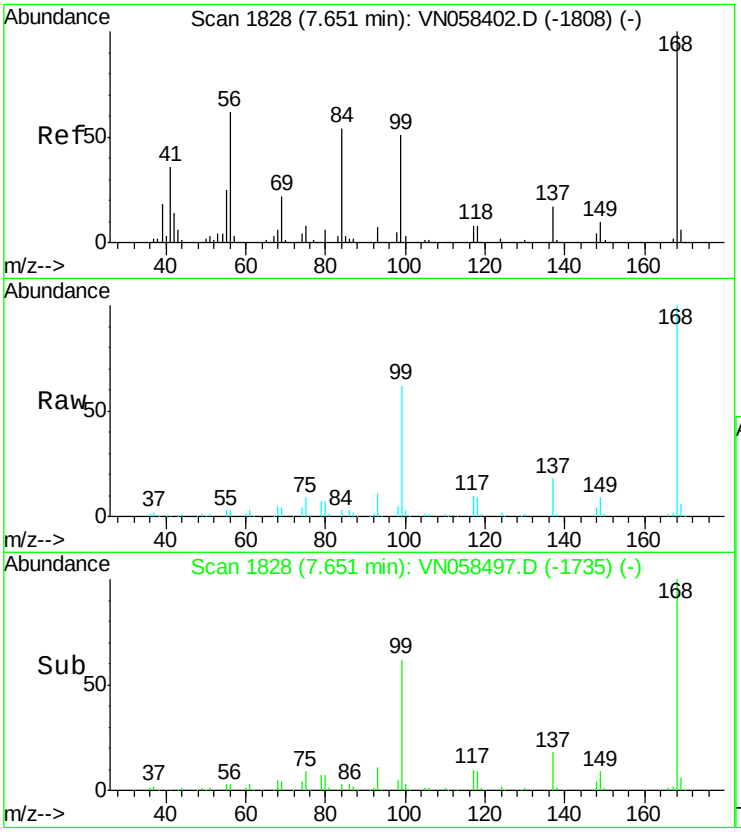
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
Data File : VN058497.D
Acq On : 3 Oct 2019 00:03
Operator : JC/SP
Sample : K5131-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Quant Time: Oct 03 05:17:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration



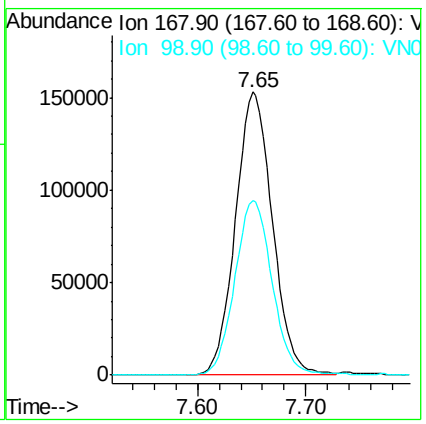


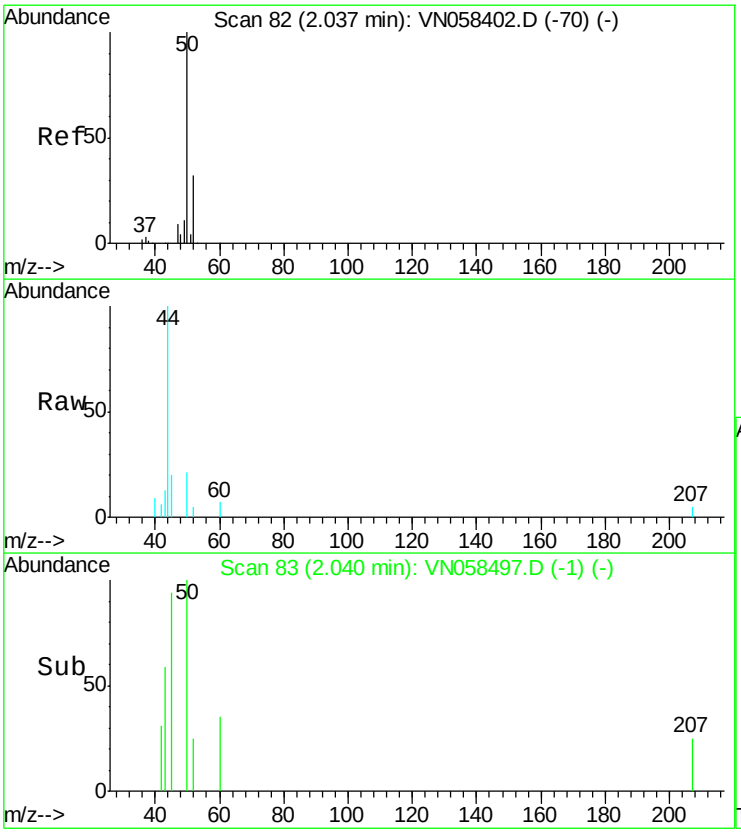
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Tgt Ion:168 Resp: 365585

Ion	Ratio	Lower	Upper
168	100		
99	61.9	47.7	71.5

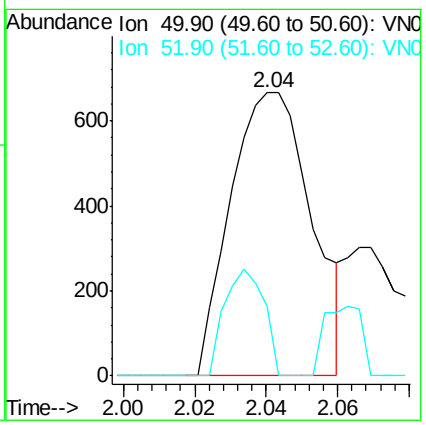


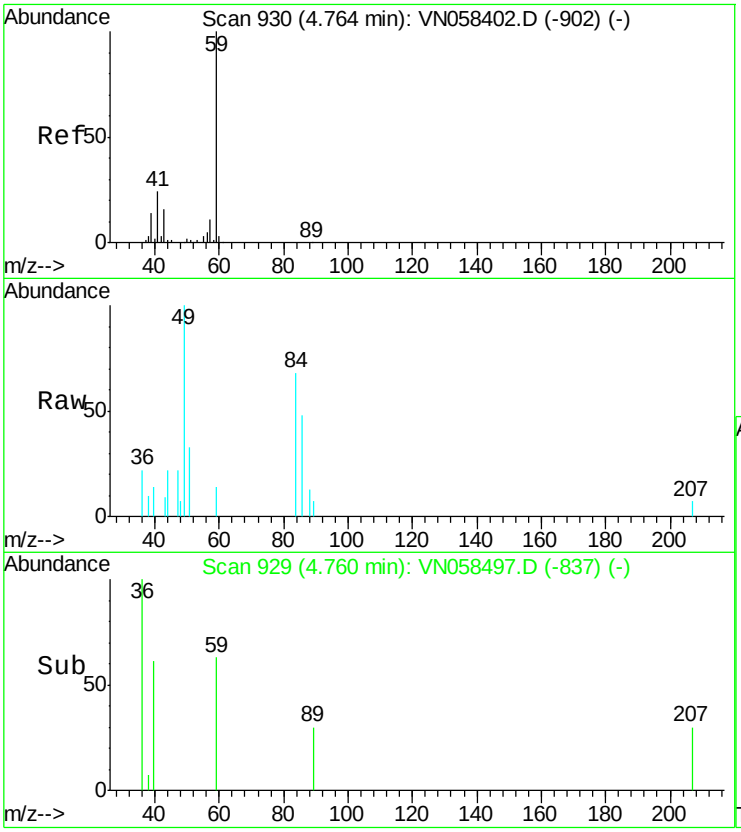


#3
Chloromethane
Concen: 0.237 ug/l
RT: 2.04 min Scan# 83
Delta R.T. 0.00 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Tgt Ion: 50 Resp: 1043

Ion	Ratio	Lower	Upper
50	100		
52	24.6	25.9	38.9#



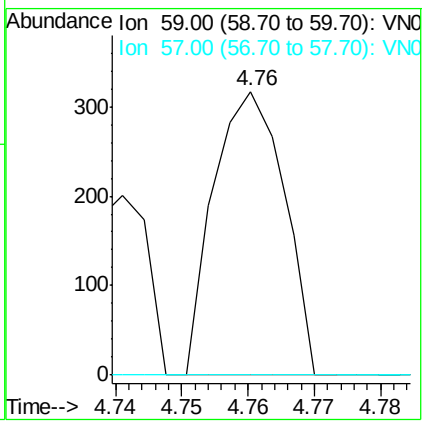


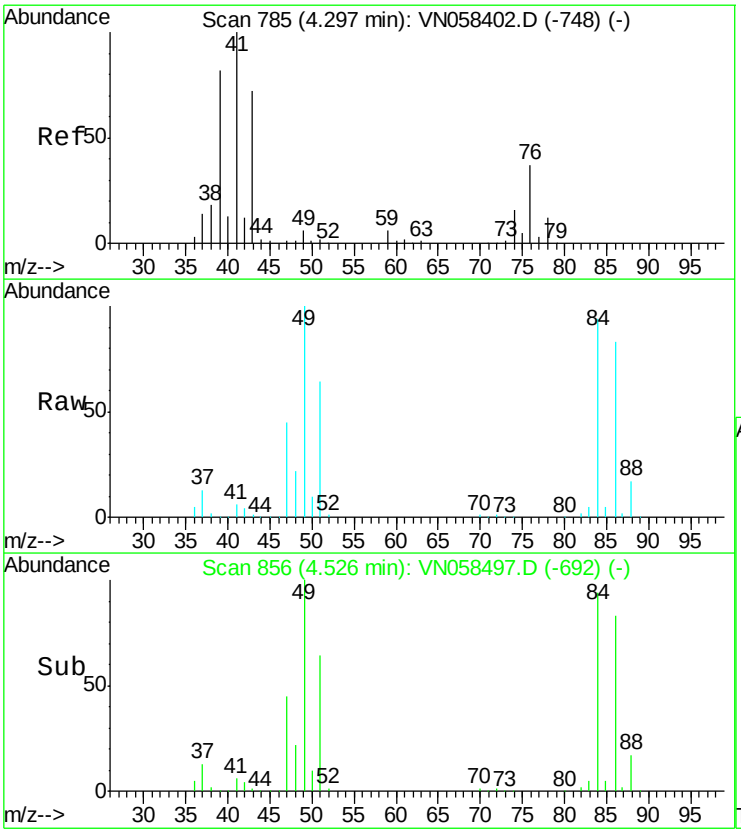
#11
Tert butyl alcohol
Concen: 0.394 ug/l
RT: 4.76 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Tgt Ion: 59 Resp: 234

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#

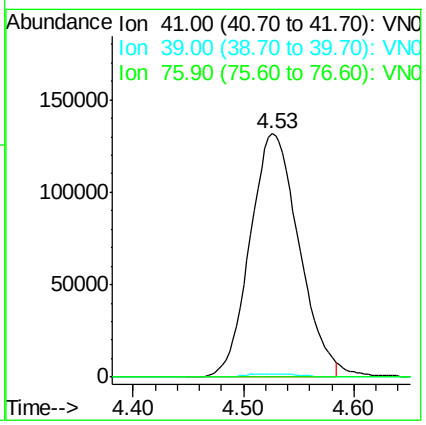


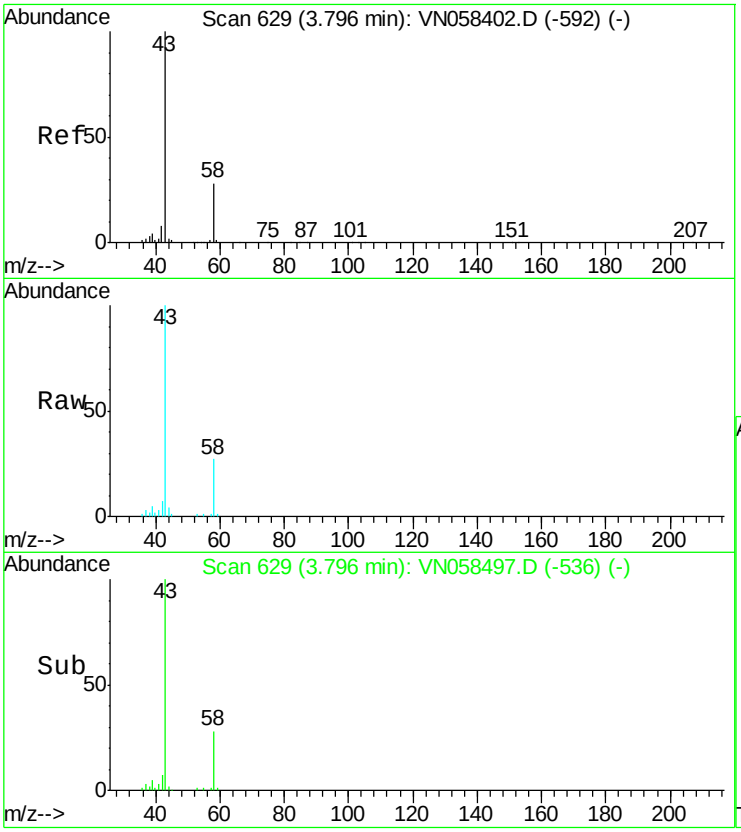


#14
Allyl chloride
Concen: 64.482 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.23 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Tgt Ion: 41 Resp: 404700

Ion	Ratio	Lower	Upper
41	100		
39	1.5	62.3	93.5#
76	0.0	26.9	40.3#



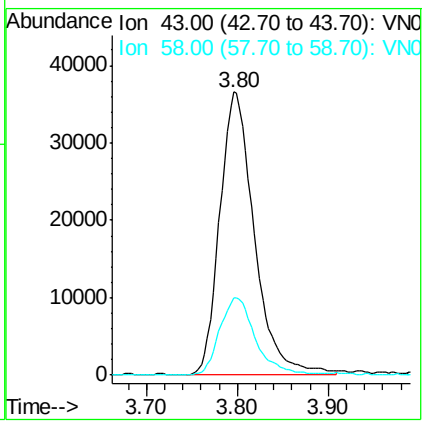


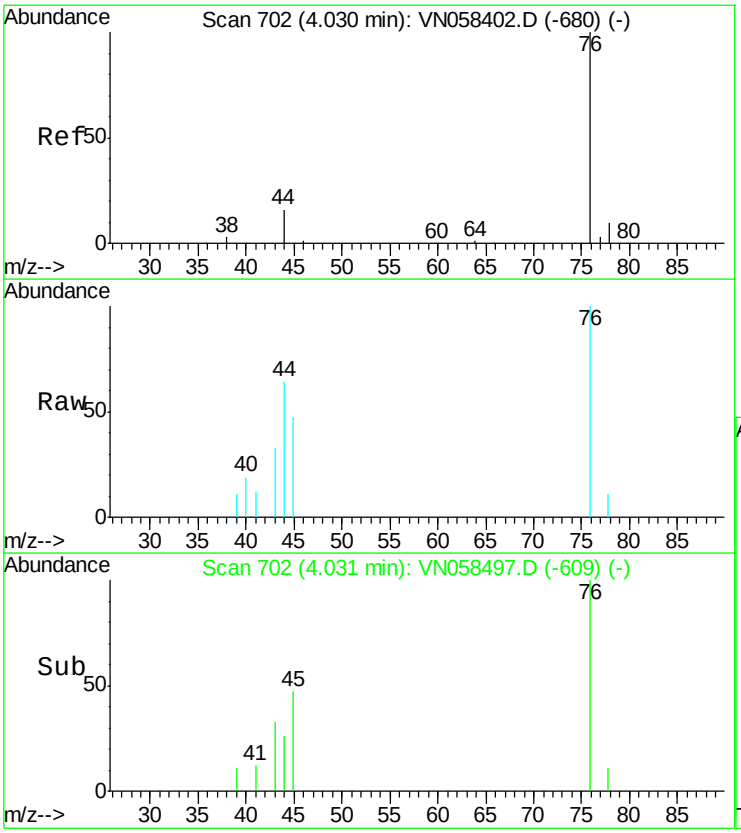
#16
Acetone
Concen: 53.199 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Tgt Ion: 43 Resp: 96886

Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.4	33.6

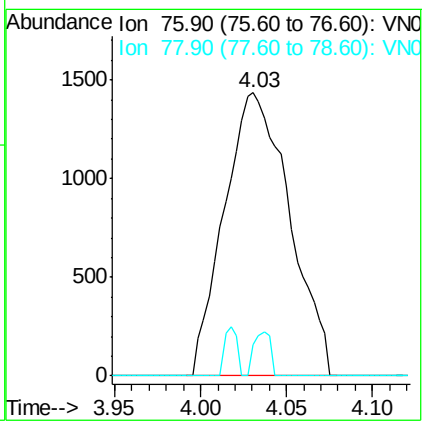


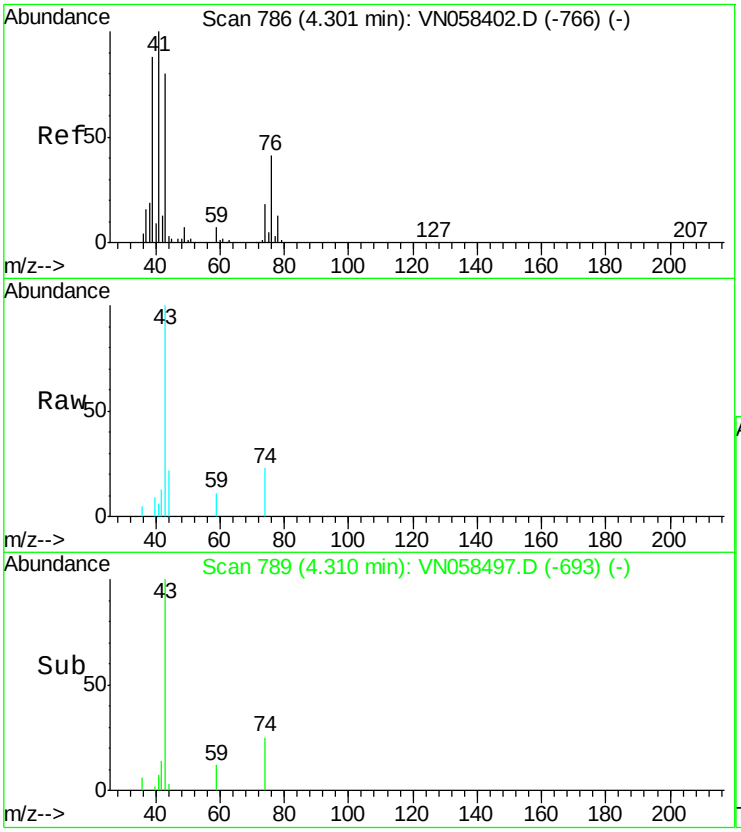


#17
Carbon Disulfide
Concen: 0.418 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Tgt Ion: 76 Resp: 3798

Ion	Ratio	Lower	Upper
76	100		
78	11.1	7.7	11.5



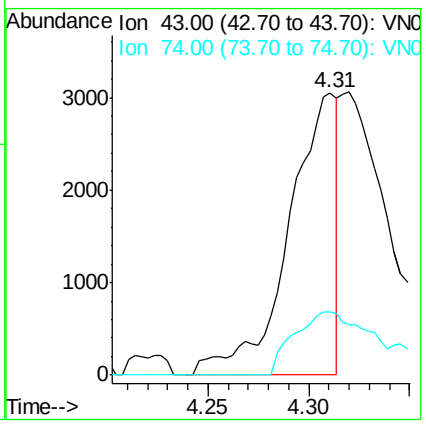


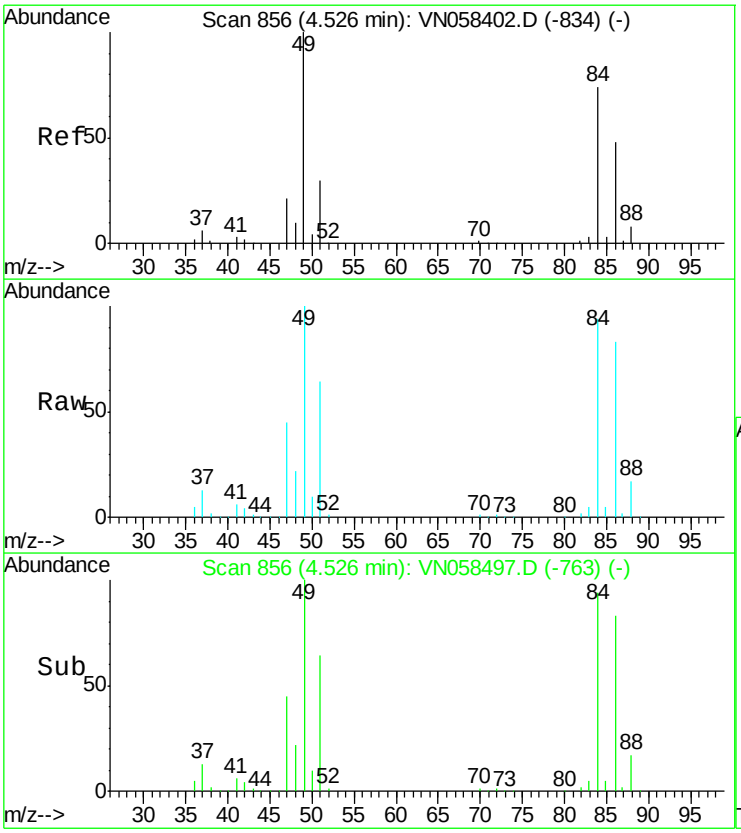
#18
Methyl Acetate
Concen: 1.100 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Tgt Ion: 43 Resp: 5040

Ion	Ratio	Lower	Upper
43	100		
74	38.6	18.0	27.0#

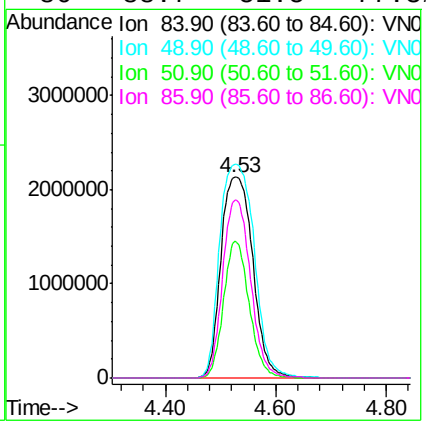


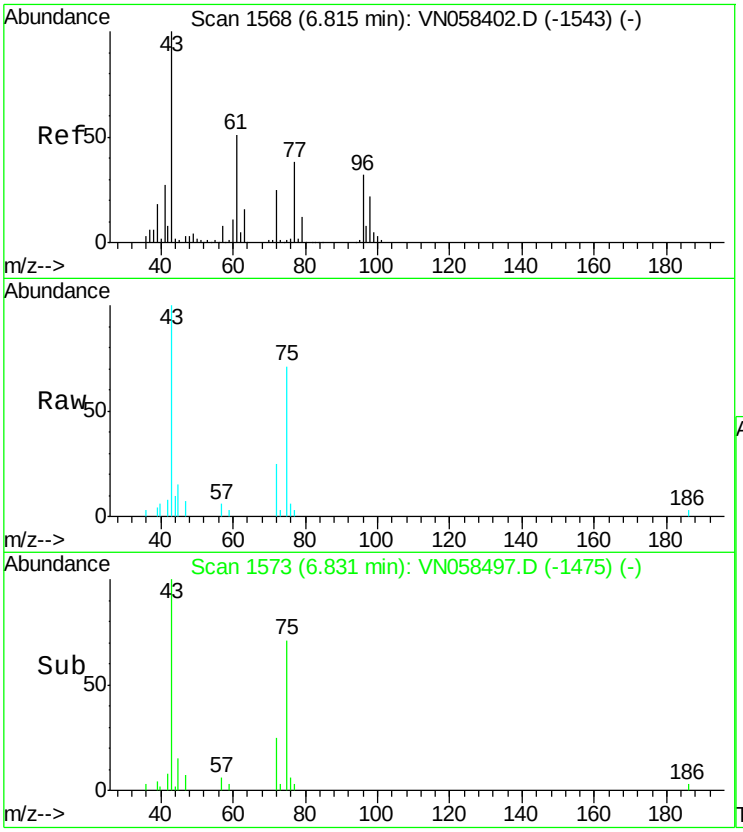


#20
Methylene Chloride
Concen: 2035.956 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Tgt Ion: 84 Resp: 8556727

Ion	Ratio	Lower	Upper
84	100		
49	106.5	107.9	161.9#
51	68.3	32.8	49.2#
86	88.7	51.5	77.3#



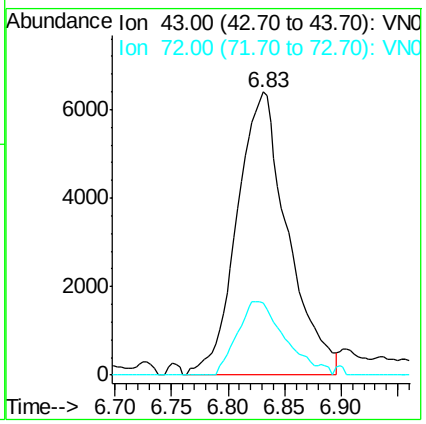


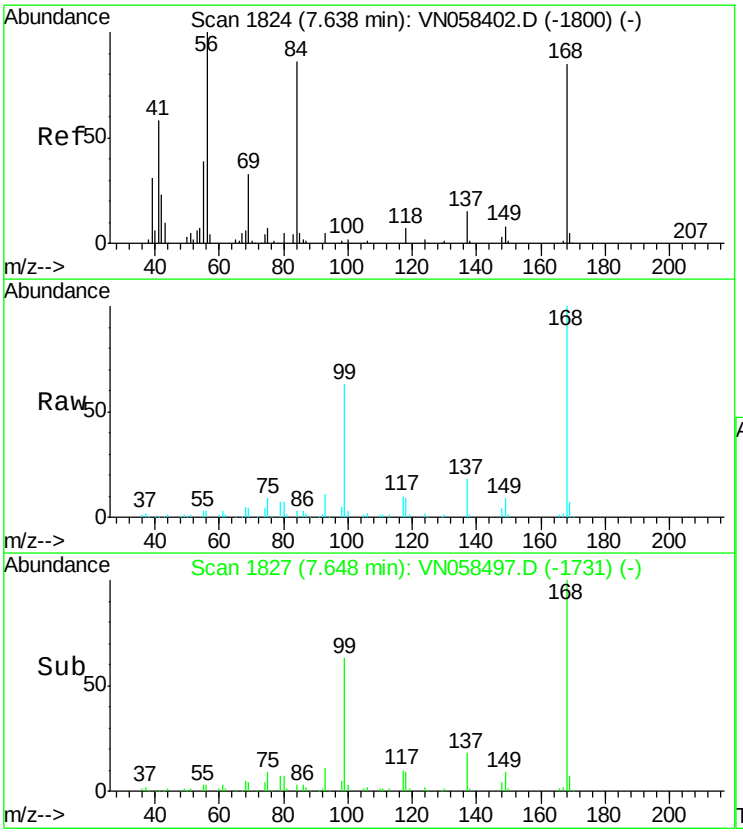
#25
2-Butanone
Concen: 7.966 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.02 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Tgt Ion: 43 Resp: 19919

Ion	Ratio	Lower	Upper
43	100		
72	25.3	20.2	30.4

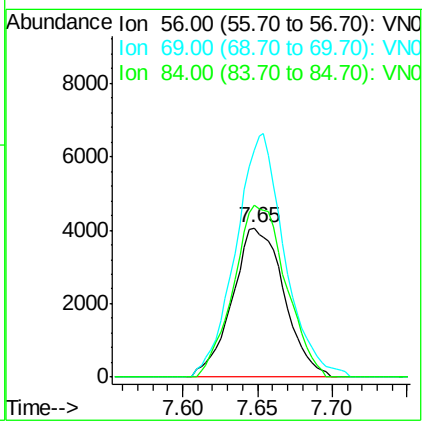


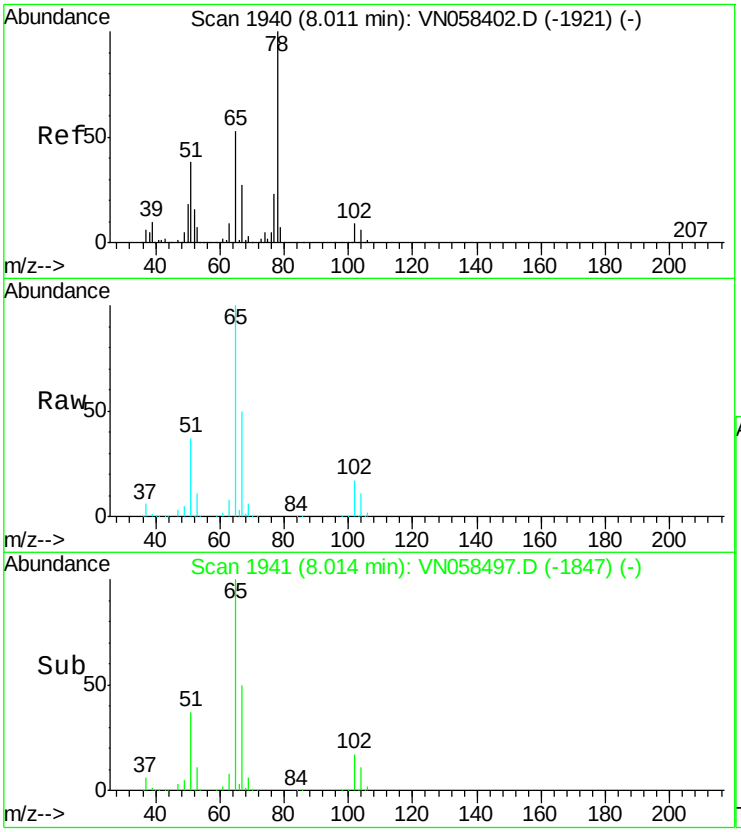


#31
Cyclohexane
Concen: 1.320 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Tgt Ion: 56 Resp: 9759

Ion	Ratio	Lower	Upper
56	100		
69	151.9	26.2	39.4#
84	115.3	67.6	101.4#



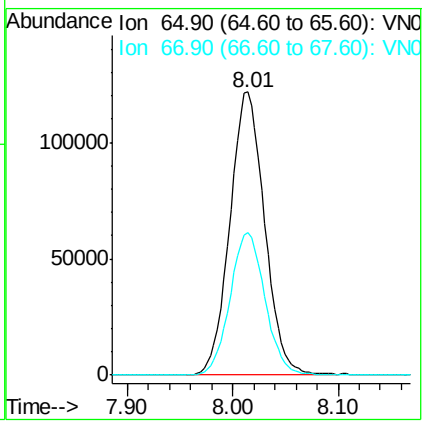


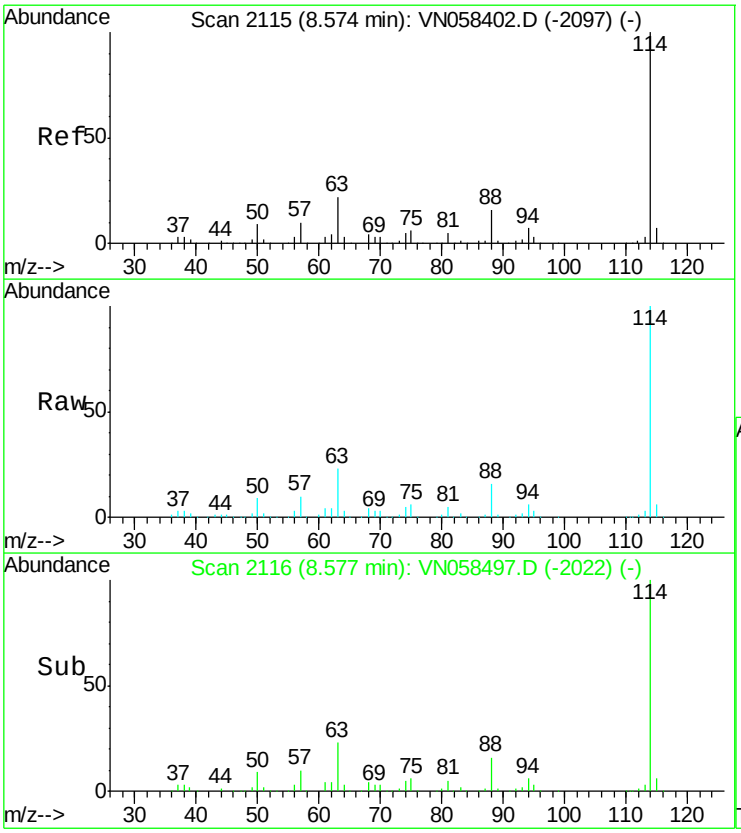
#33
1,2-Dichloroethane-d4
Concen: 52.071 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Tgt Ion: 65 Resp: 278188

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.4

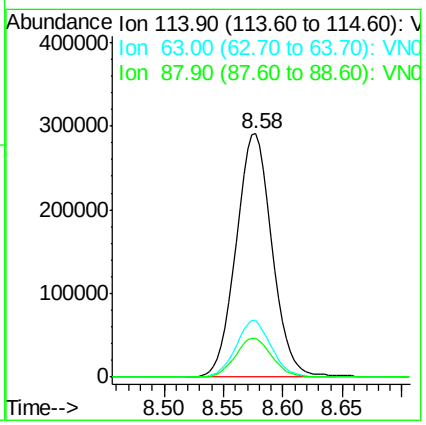


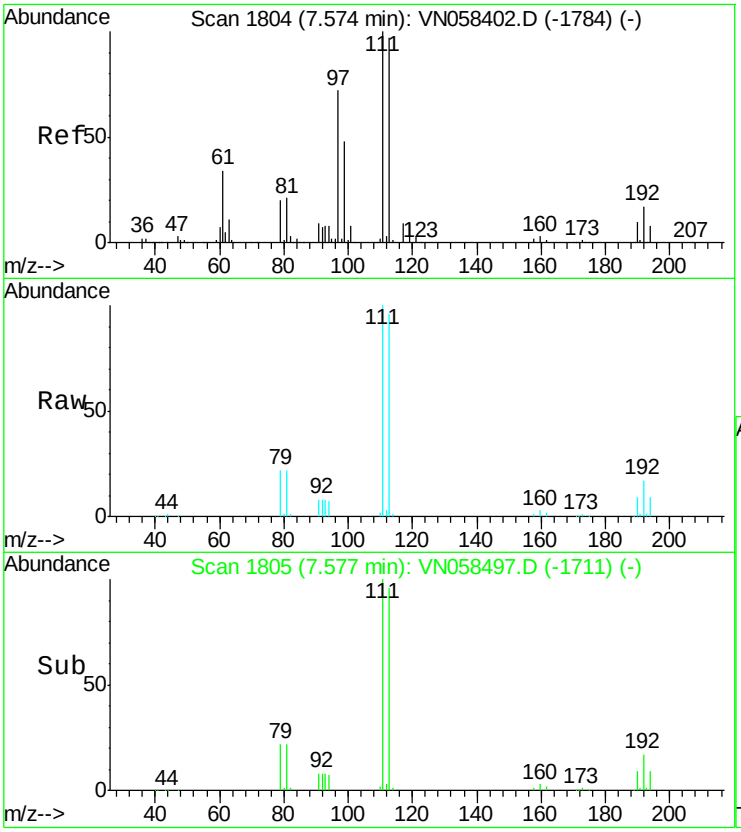


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Tgt Ion:114 Resp: 609159

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.0
88	15.9	0.0	32.2



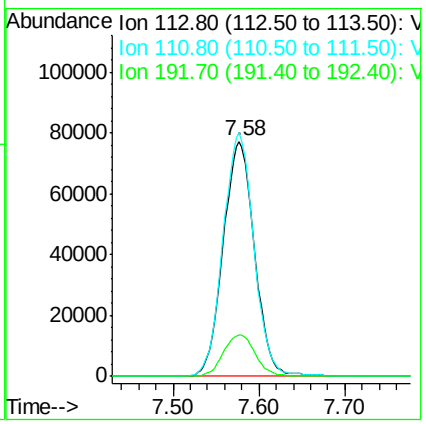


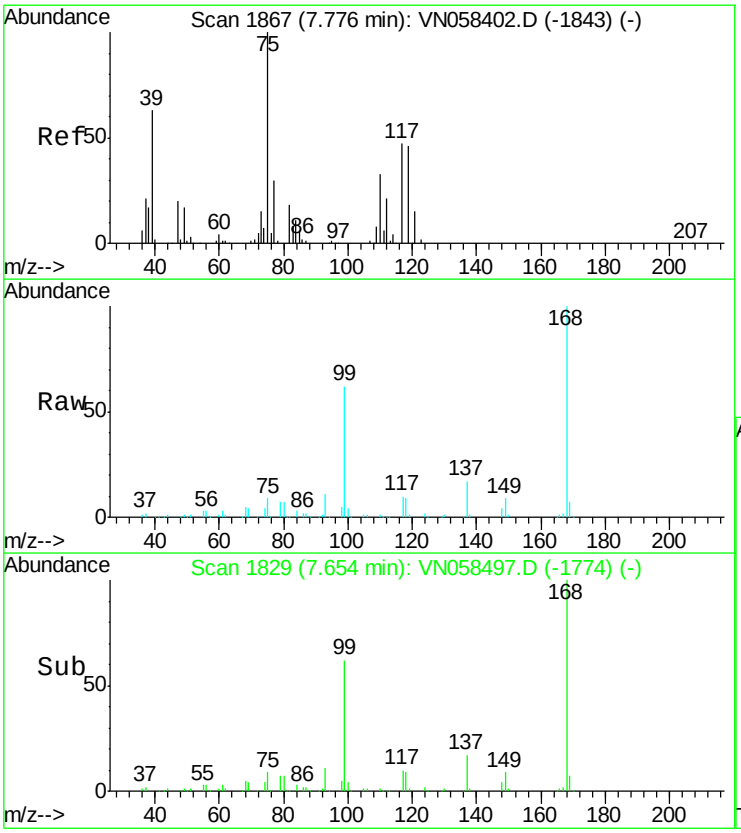
#35
Dibromofluoromethane
Concen: 52.209 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Tgt Ion:113 Resp: 194919

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.4	125.2
192	18.0	14.9	22.3

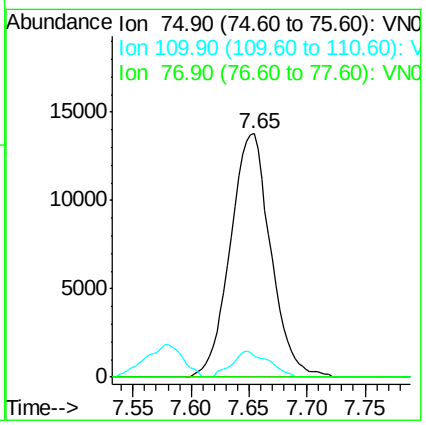


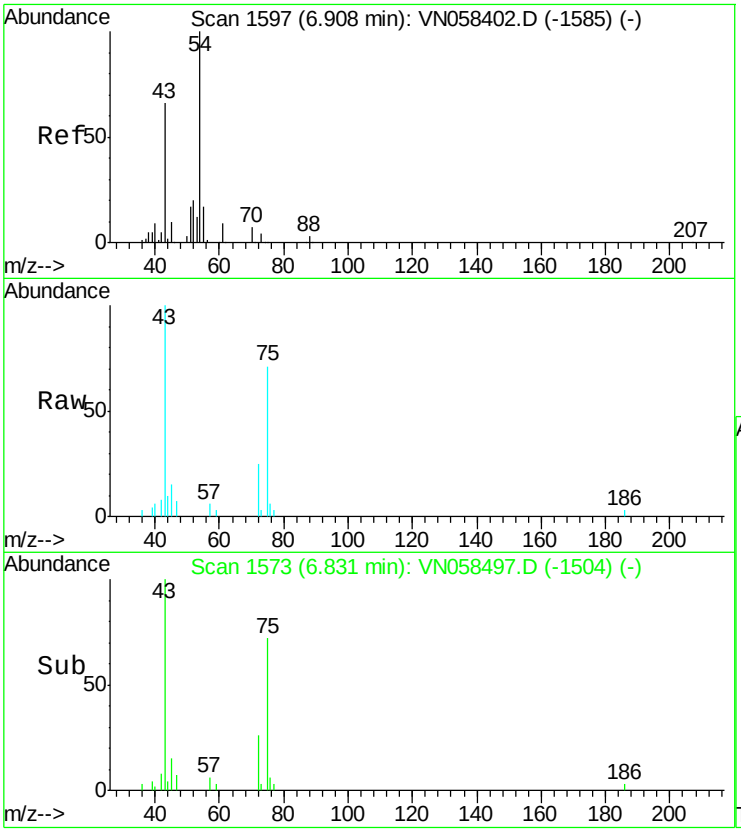


#36
1,1-Dichloropropene
Concen: 5.717 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.12 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Tgt Ion: 75 Resp: 33298

Ion	Ratio	Lower	Upper
75	100		
110	9.6	16.4	49.2#
77	0.0	24.3	36.5#



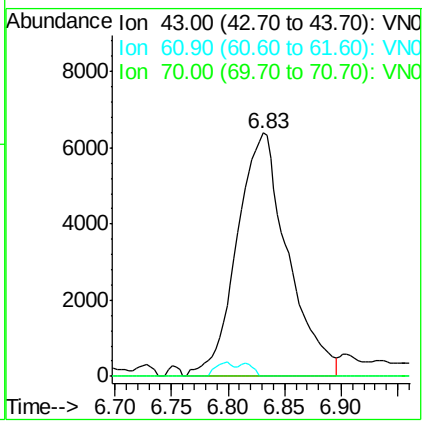


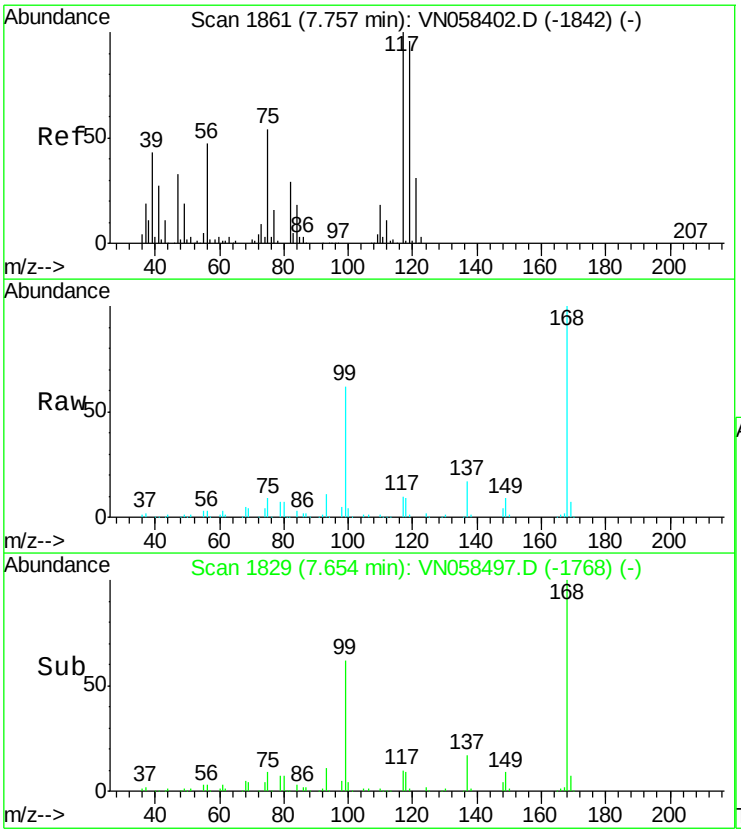
#37
Ethyl Acetate
Concen: 4.033 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. -0.08 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Tgt Ion: 43 Resp: 19919

Ion	Ratio	Lower	Upper
43	100		
61	1.3	10.5	15.7#
70	0.0	7.8	11.6#

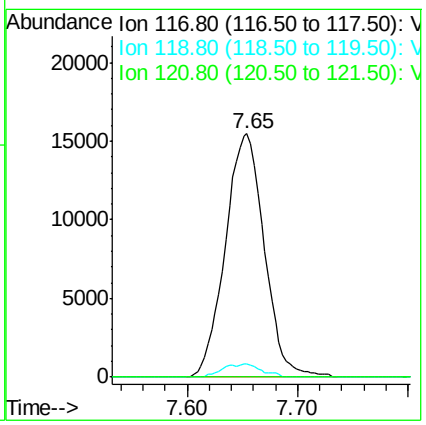


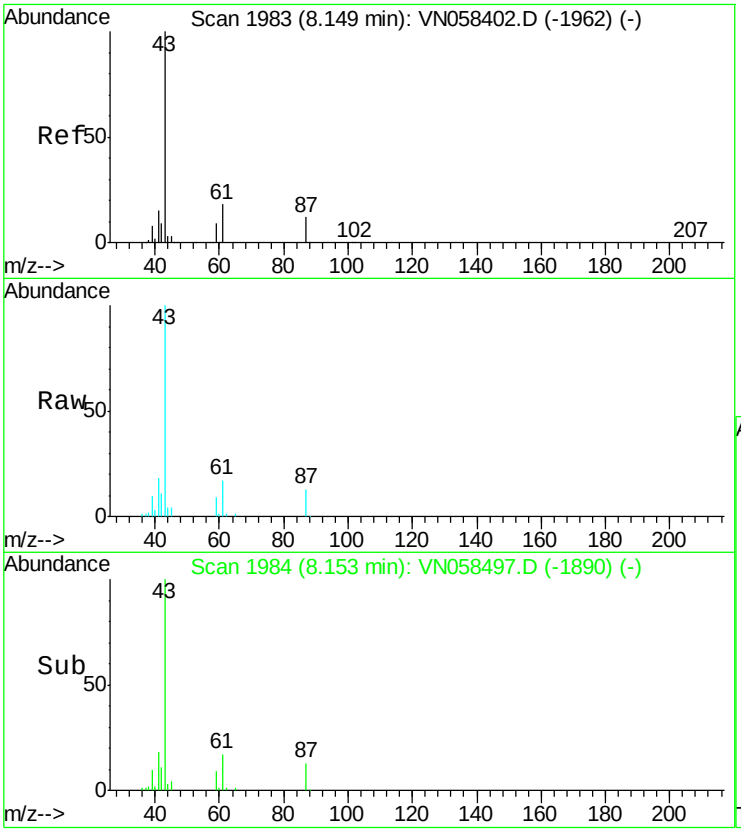


#38
Carbon Tetrachloride
Concen: 7.212 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.10 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Tgt Ion:117 Resp: 37917

Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.6	115.0#
121	0.0	24.7	37.1#



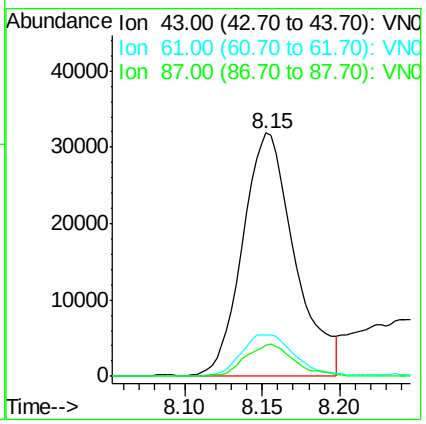


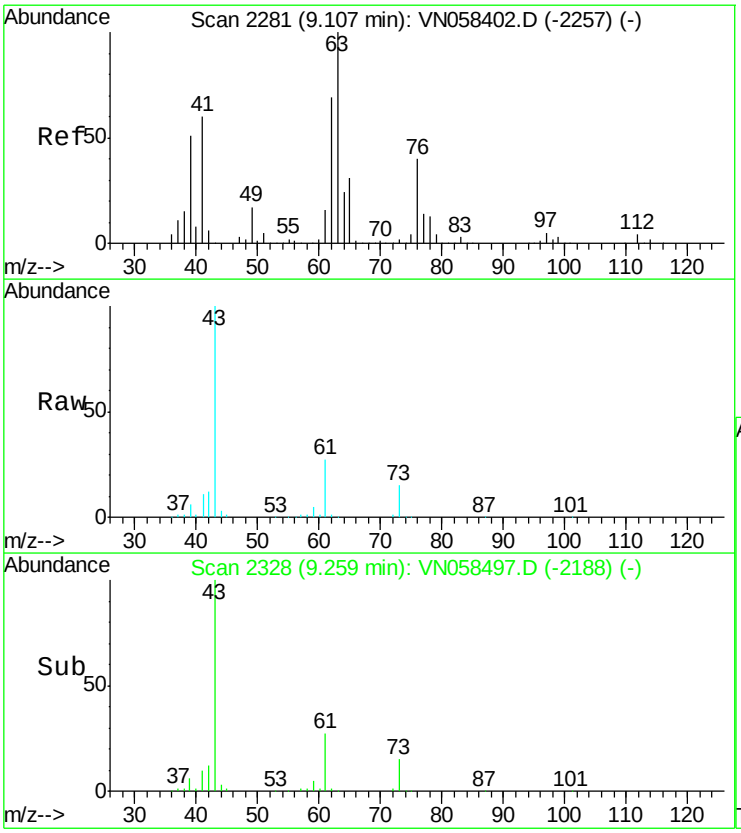
#43
Isopropyl Acetate
Concen: 8.071 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Tgt Ion: 43 Resp: 74953

Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.8	22.2
87	12.3	9.7	14.5

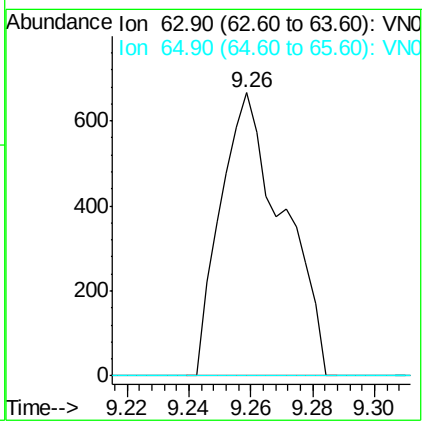


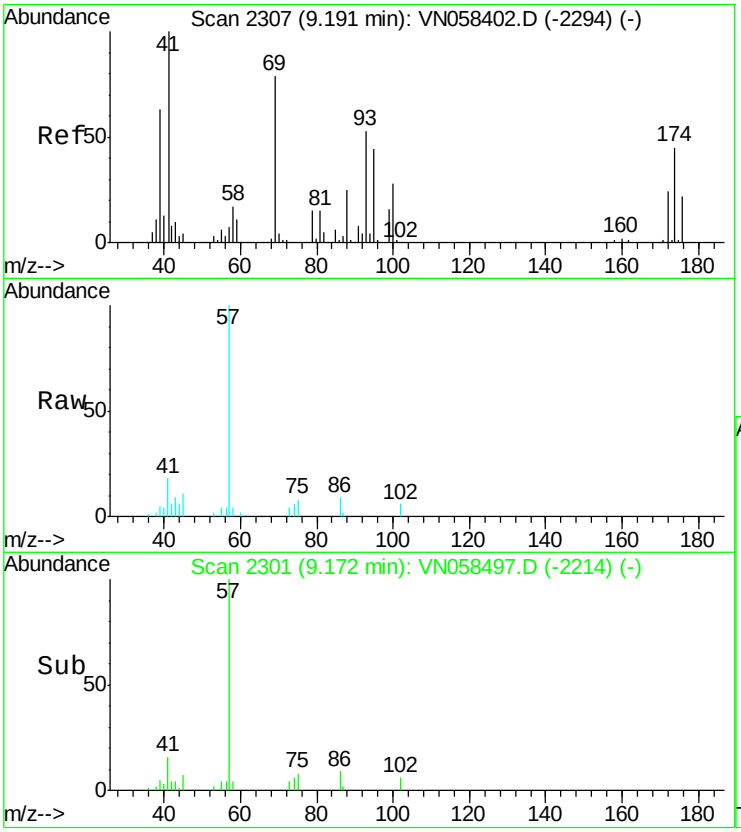


#45
1,2-Dichloropropane
Concen: 0.209 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.15 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Tgt Ion: 63 Resp: 939

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#



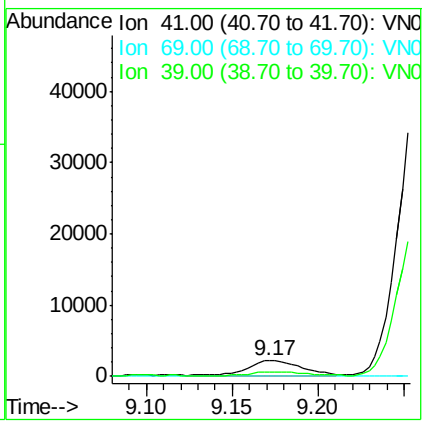


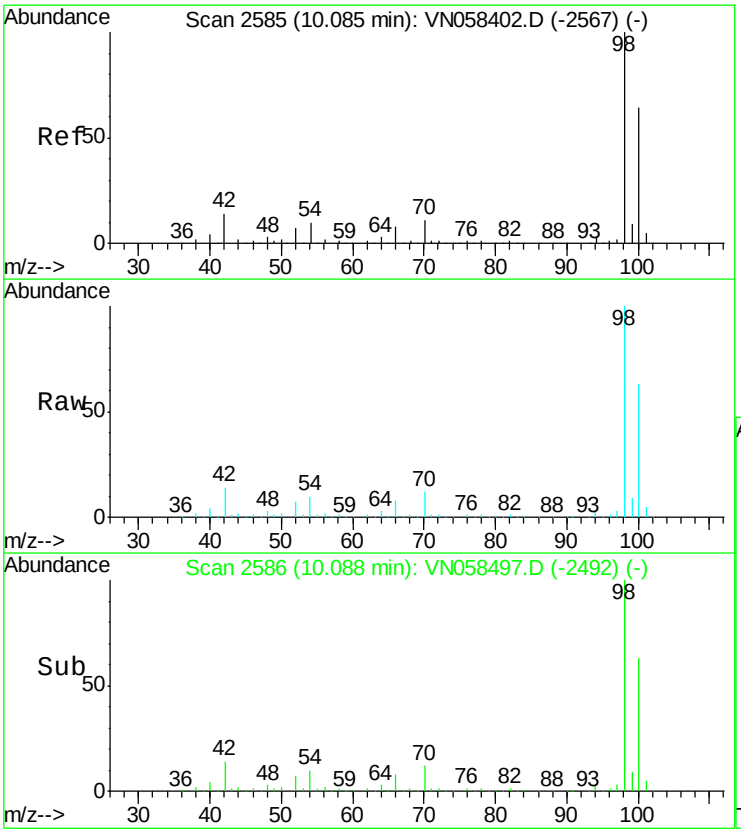
#48
Methyl methacrylate
Concen: 1.185 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Tgt Ion: 41 Resp: 5010

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.7	97.1#
39	31.8	52.9	79.3#

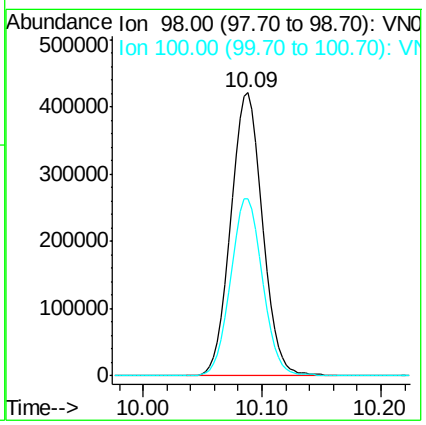


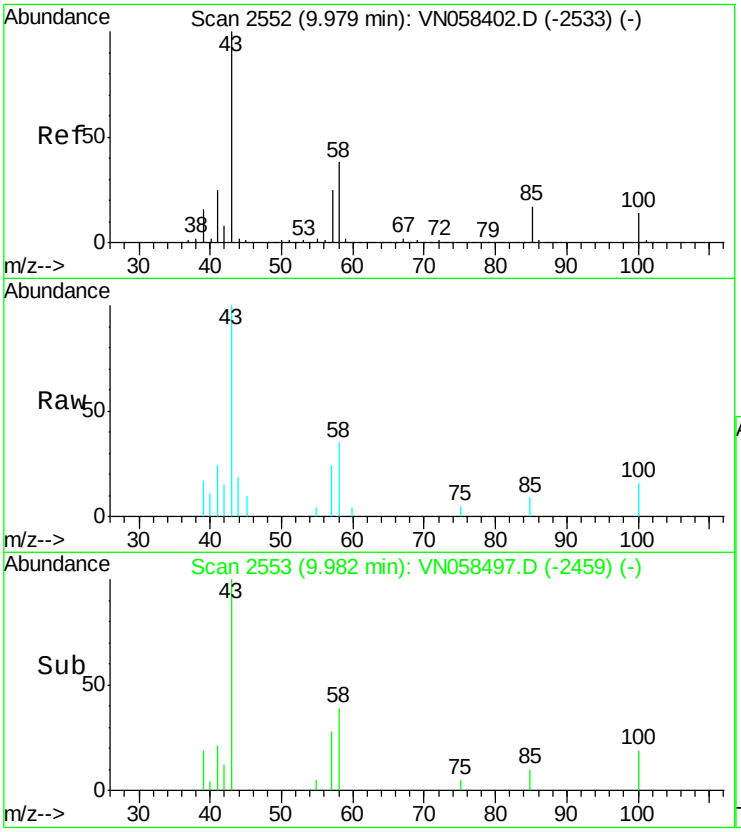


#50
Toluene-d8
Concen: 53.417 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Tgt Ion: 98 Resp: 781251

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.0	76.6



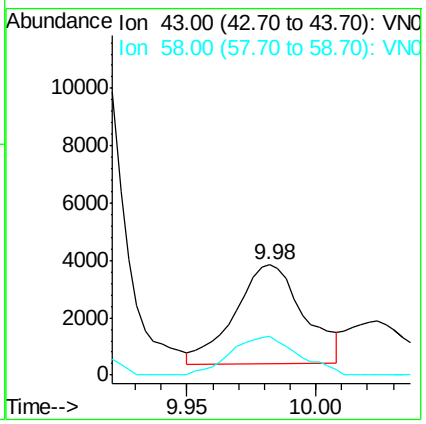


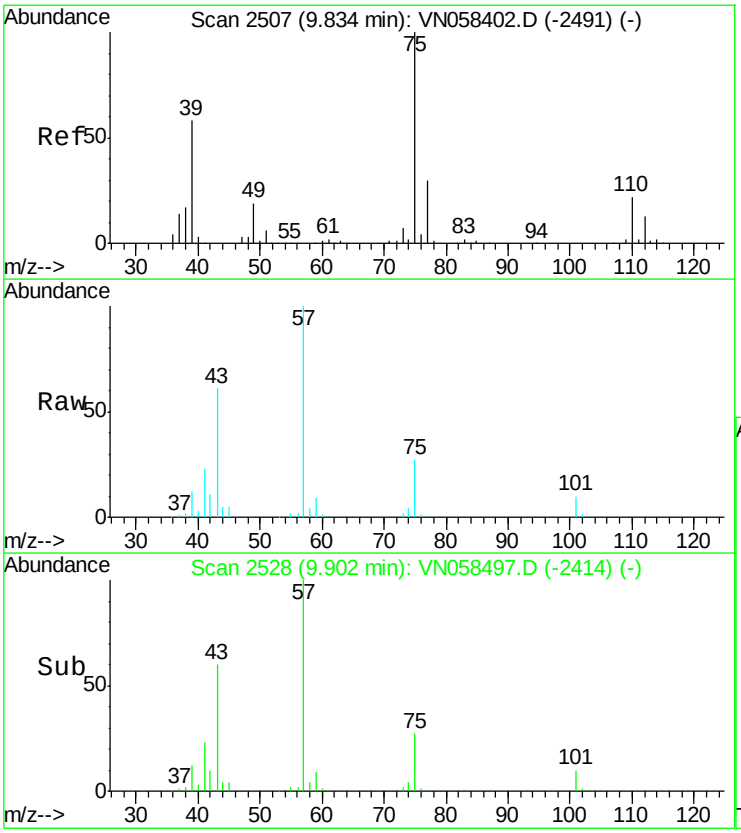
#51
4-Methyl-2-Pentanone
Concen: 1.361 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Tgt Ion: 43 Resp: 6491

Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.2	45.2

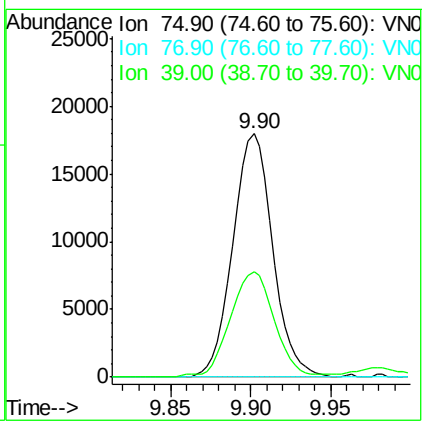


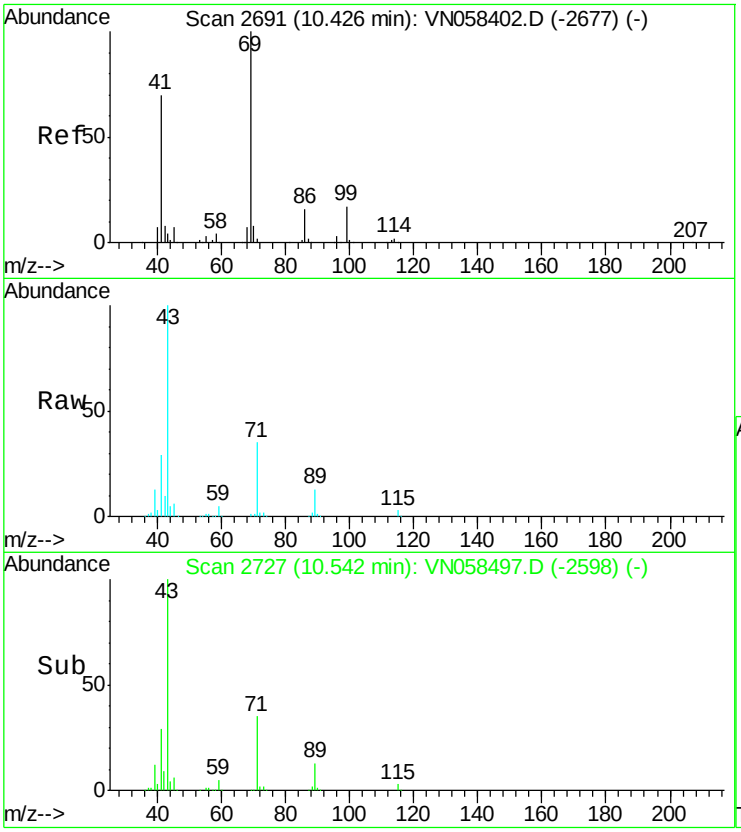


#54
cis-1,3-Dichloropropene
Concen: 4.700 ug/l
RT: 9.90 min Scan# 2528
Delta R.T. 0.07 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Tgt Ion: 75 Resp: 30596

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.2	36.4#
39	42.6	46.4	69.6#



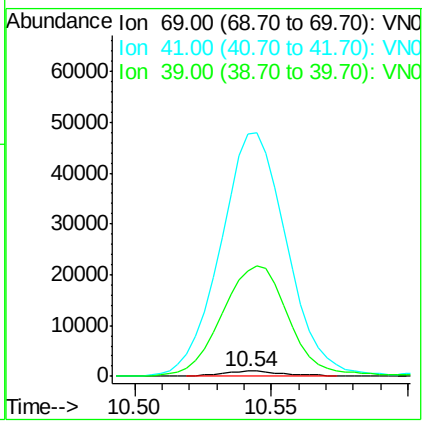


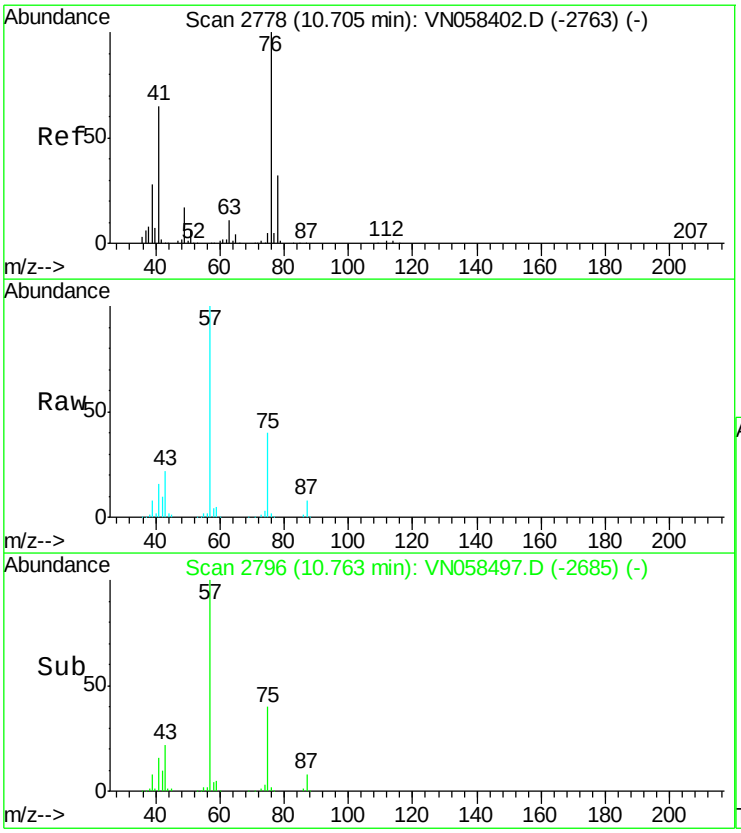
#56
Ethyl methacrylate
Concen: 0.268 ug/l
RT: 10.54 min Scan# 2727
Delta R.T. 0.12 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Tgt Ion: 69 Resp: 1558

Ion	Ratio	Lower	Upper
69	100		
41	5227.0	56.3	84.5#
39	2400.1	35.8	53.6#

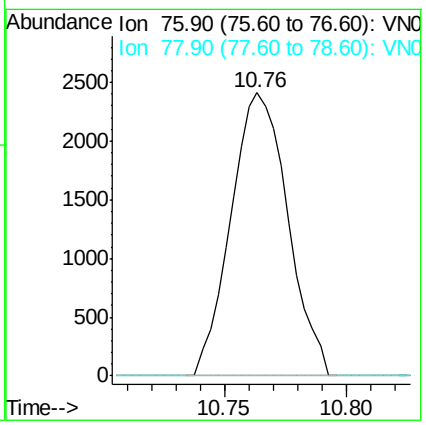


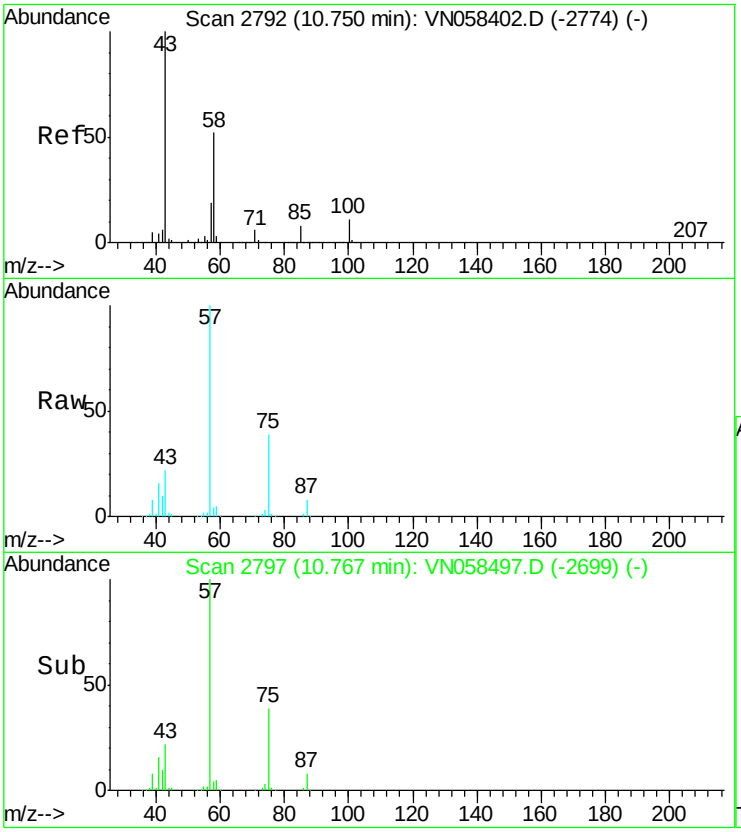


#57
1,3-Dichloropropane
Concen: 0.568 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Tgt Ion: 76 Resp: 3890

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#



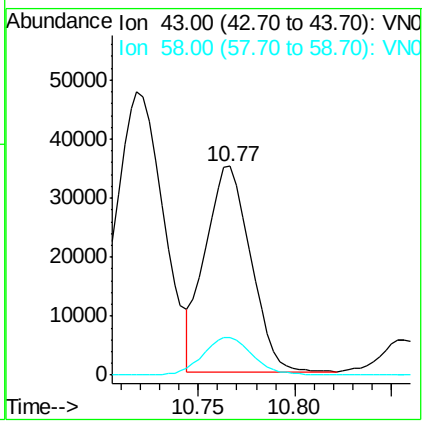


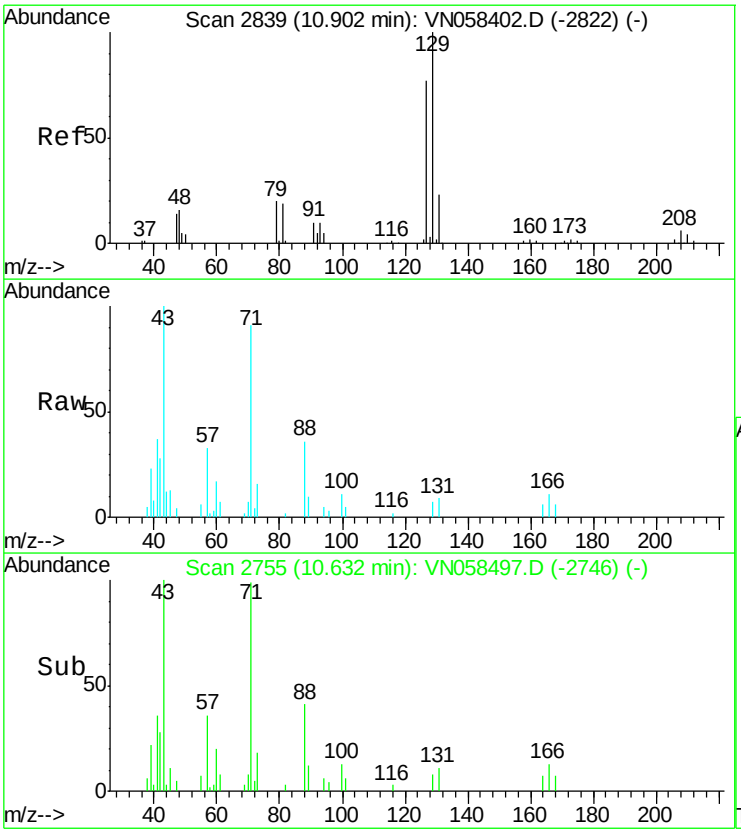
#59
2-Hexanone
Concen: 16.534 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Tgt Ion: 43 Resp: 57429

Ion	Ratio	Lower	Upper
43	100		
58	19.8	25.8	77.3#

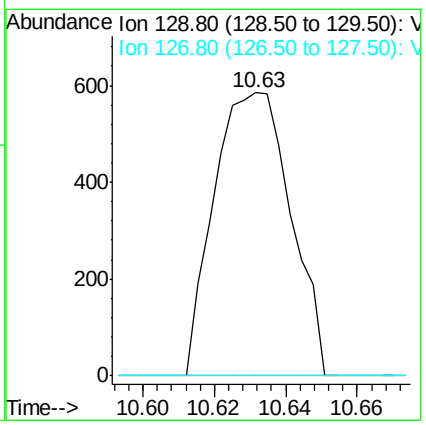


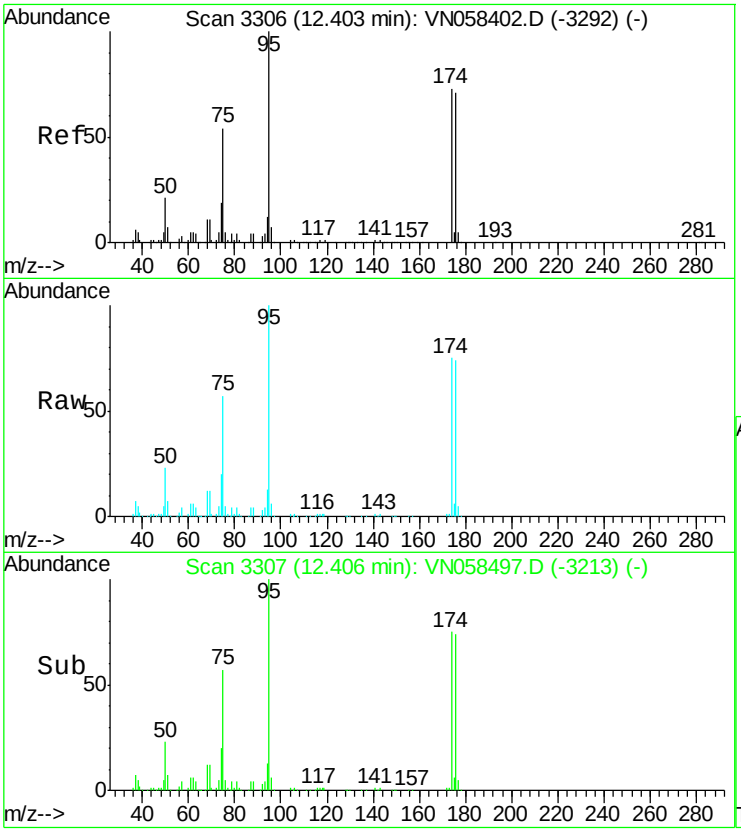


#60
Dibromochloromethane
Concen: Below Cal
RT: 10.63 min Scan# 2755
Delta R.T. -0.27 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Tgt Ion:129 Resp: 869

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.8#



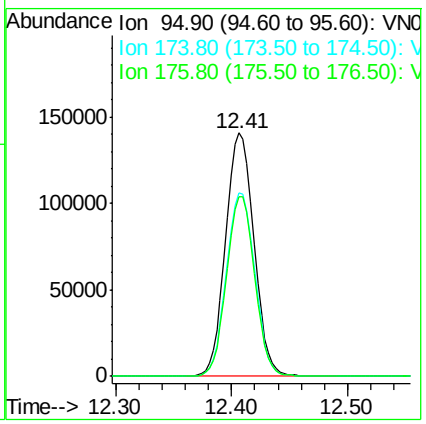


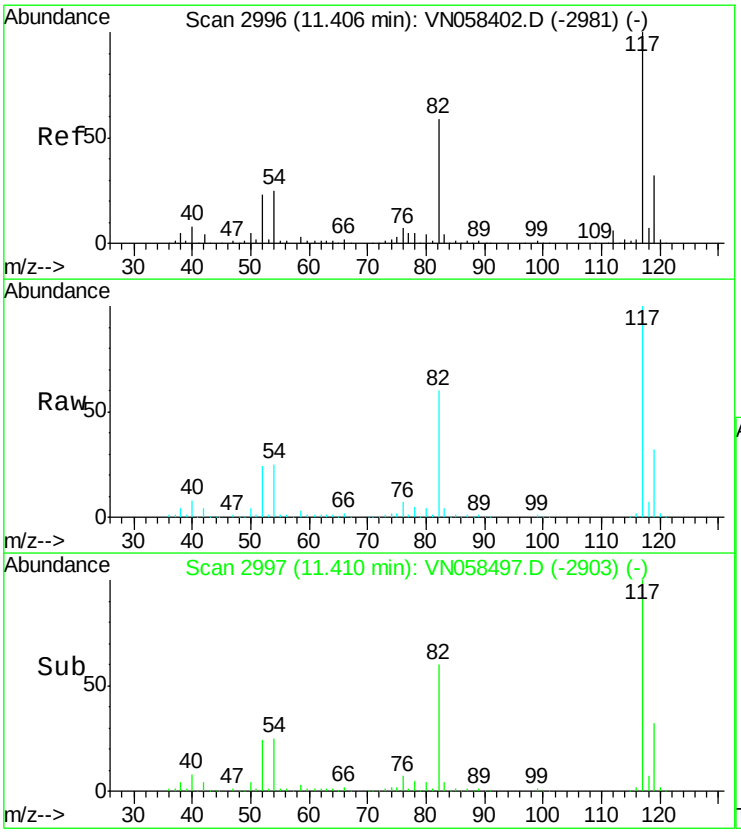
#62
4-Bromofluorobenzene
Concen: 44.964 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Tgt Ion: 95 Resp: 237783

Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	150.6
176	73.2	0.0	146.2

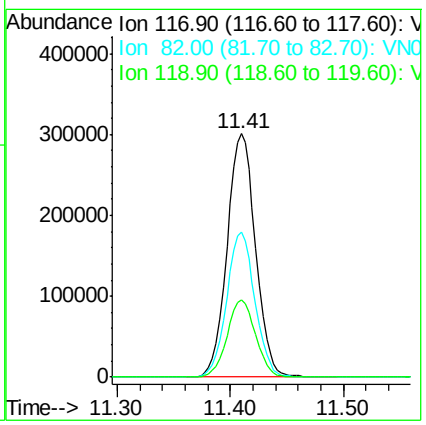


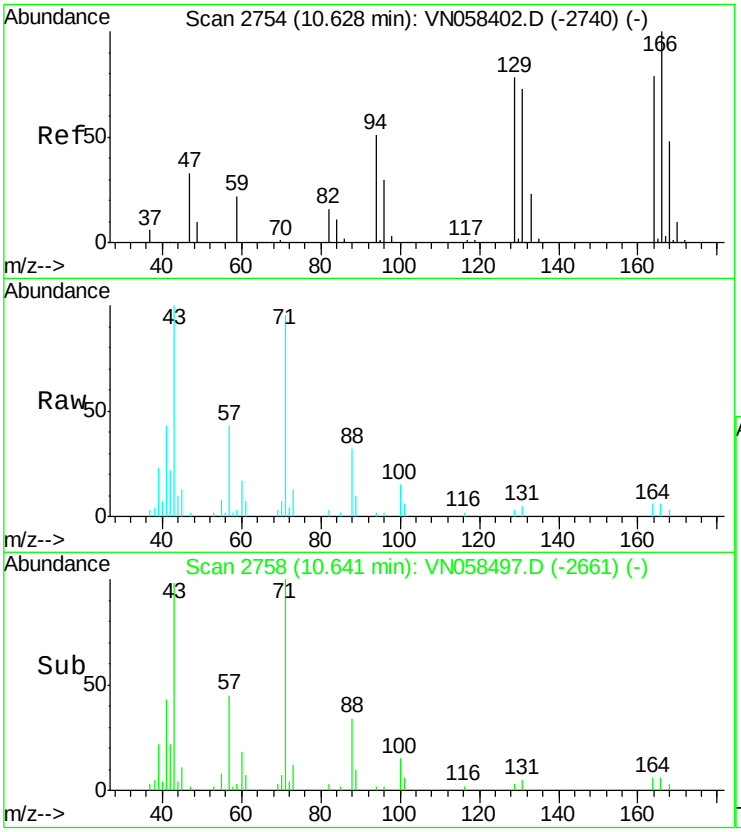


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Tgt Ion:117 Resp: 525449

Ion	Ratio	Lower	Upper
117	100		
82	59.6	47.4	71.0
119	31.7	25.5	38.3



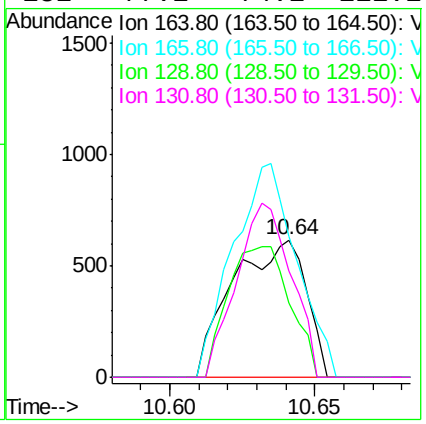


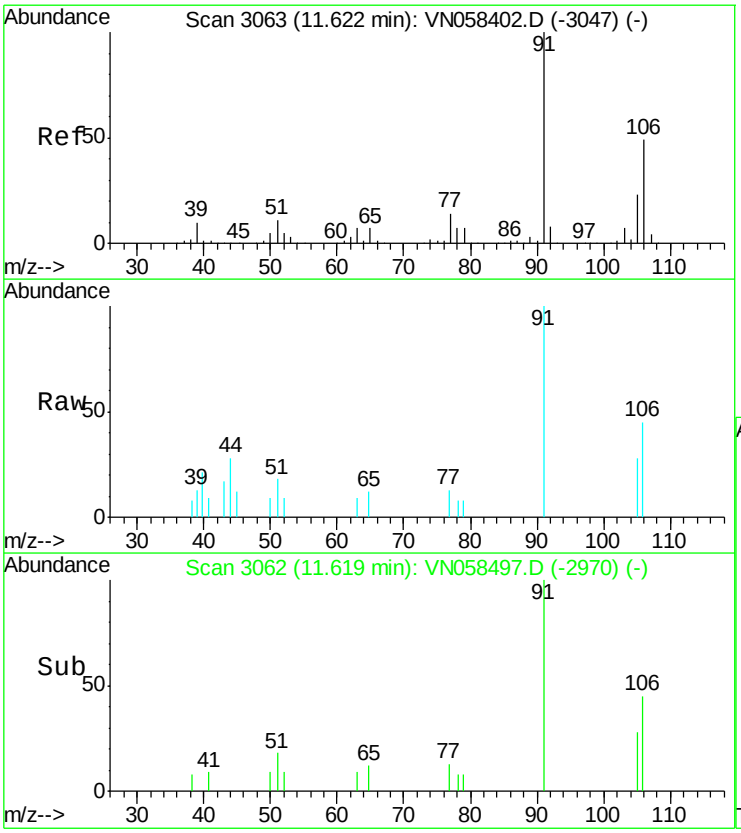
#64
Tetrachloroethene
Concen: 0.324 ug/l
RT: 10.64 min Scan# 2758
Delta R.T. 0.01 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Tgt Ion:164 Resp: 1080

Ion	Ratio	Lower	Upper
164	100		
166	102.4	101.1	151.7
129	54.3	79.2	118.8#
131	77.1	74.1	111.1

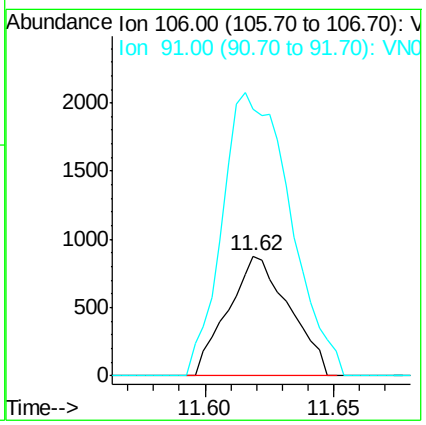


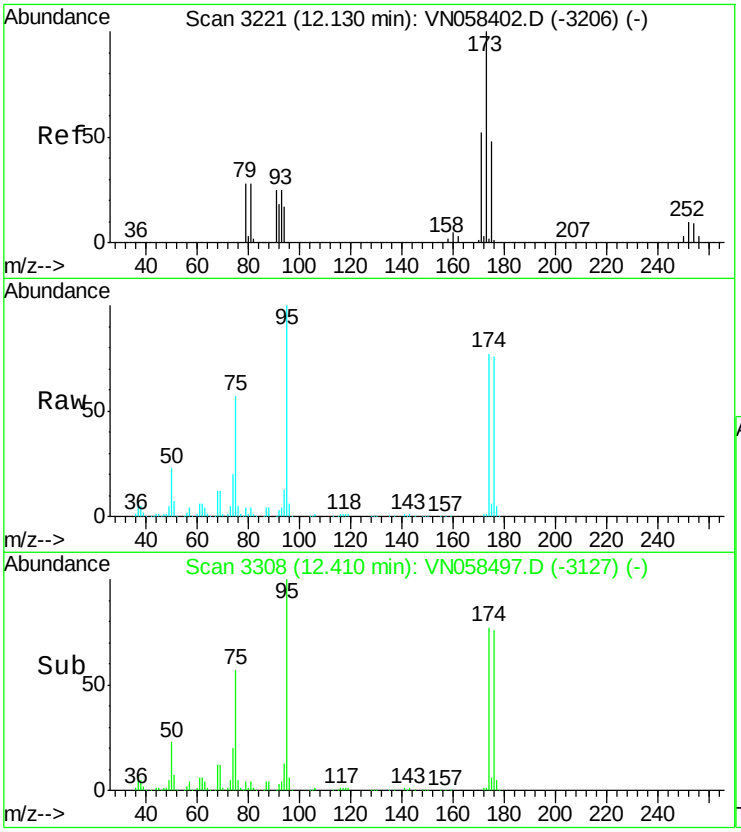


#68
m/p-Xylenes
Concen: 0.205 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Tgt Ion:106 Resp: 1456

Ion	Ratio	Lower	Upper
106	100		
91	262.5	165.0	247.4#



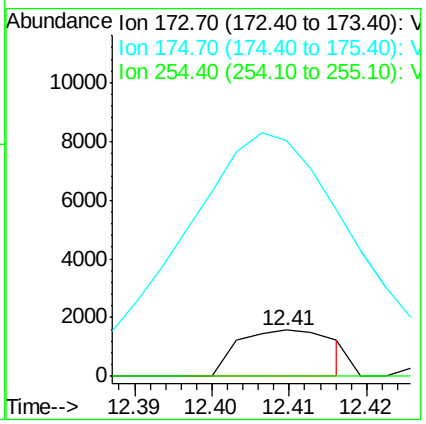


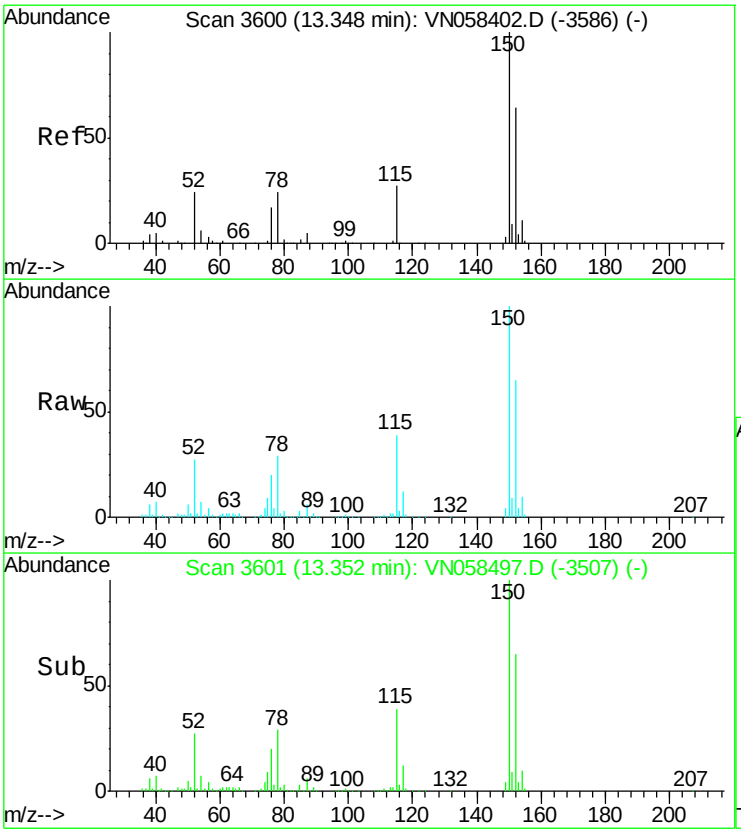
#71
Bromoform
Concen: 1.245 ug/l
RT: 12.41 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Tgt Ion:173 Resp: 1356

Ion	Ratio	Lower	Upper
173	100		
175	815.4	24.3	73.0#
254	0.0	0.1	0.1#

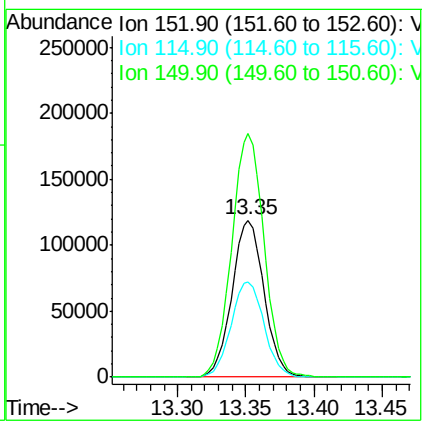


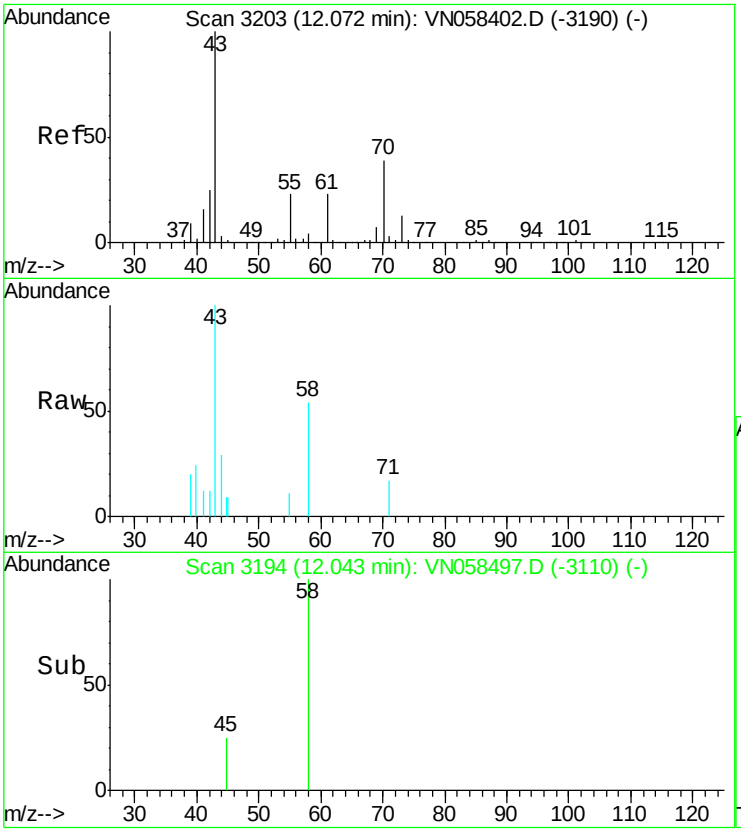


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Tgt Ion:152 Resp: 194384

Ion	Ratio	Lower	Upper
152	100		
115	62.3	30.0	90.0
150	156.1	0.0	348.2



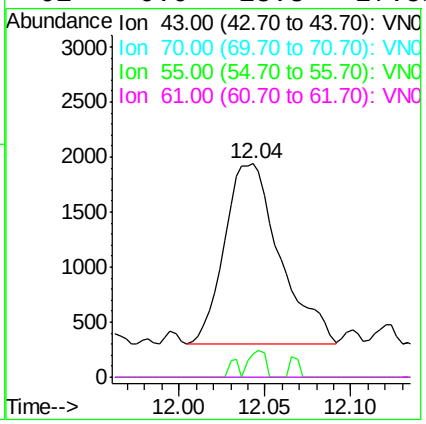


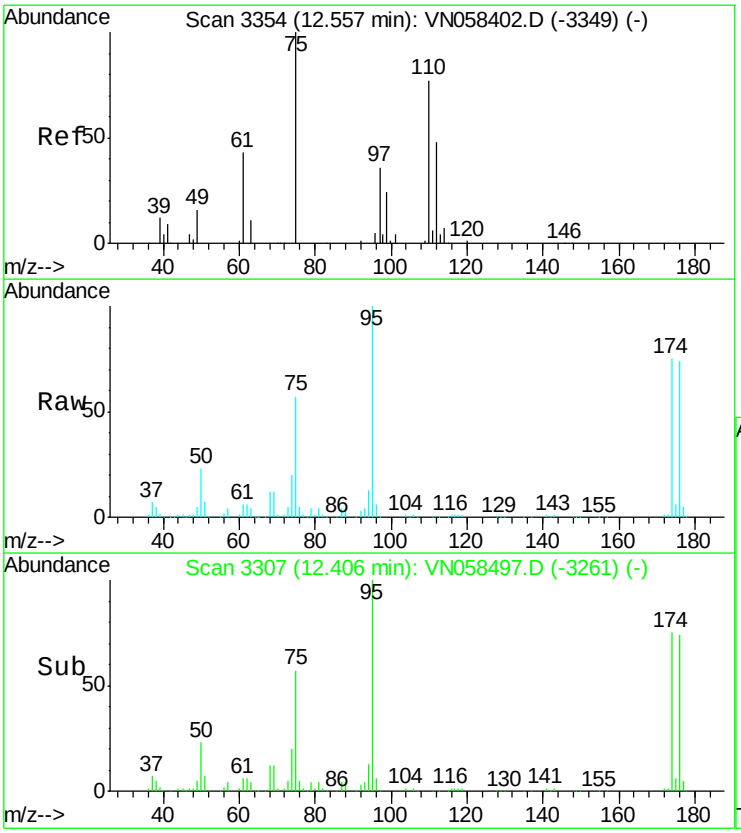
#74
N-amyl acetate
Concen: 0.648 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.03 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Tgt Ion: 43 Resp: 3705

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.4	47.2#
55	4.3	18.2	27.4#
61	0.0	18.3	27.5#

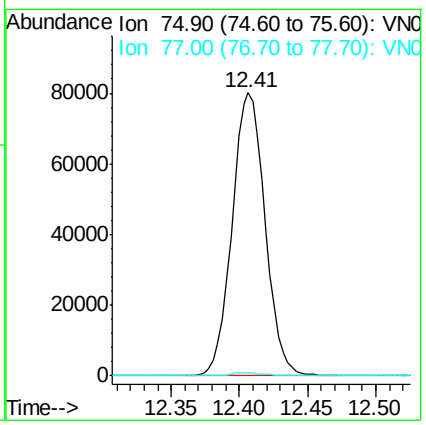


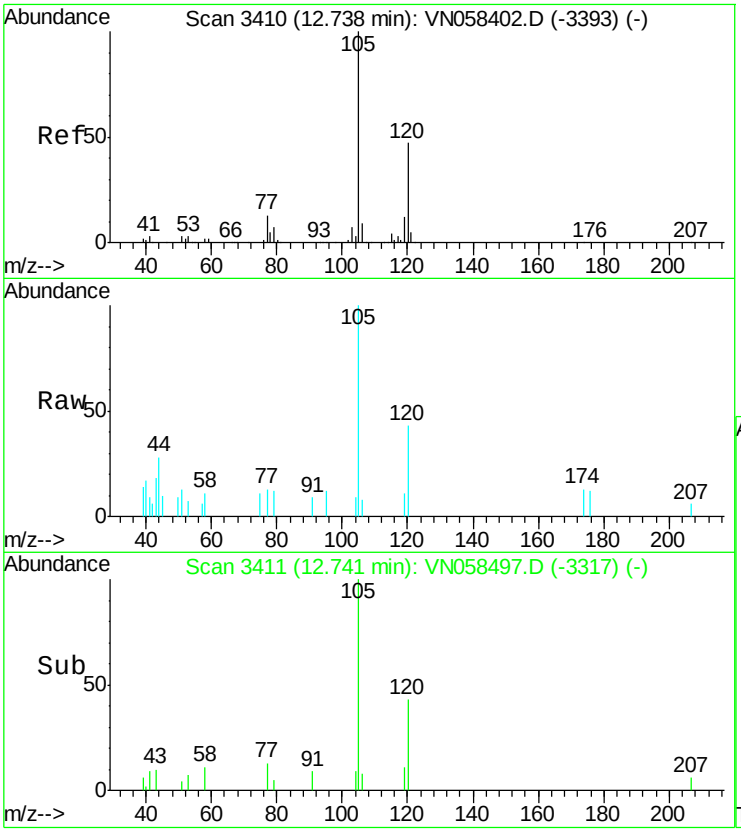


#76
1,2,3-Trichloropropane
Concen: 37.745 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Tgt Ion: 75 Resp: 134010

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



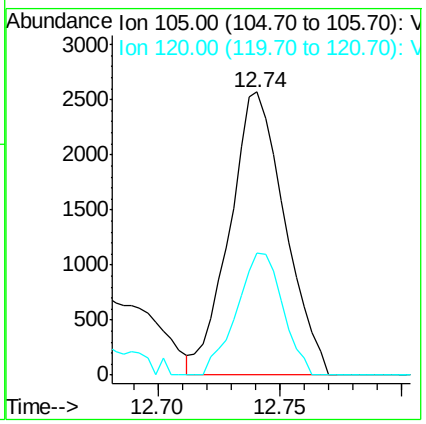


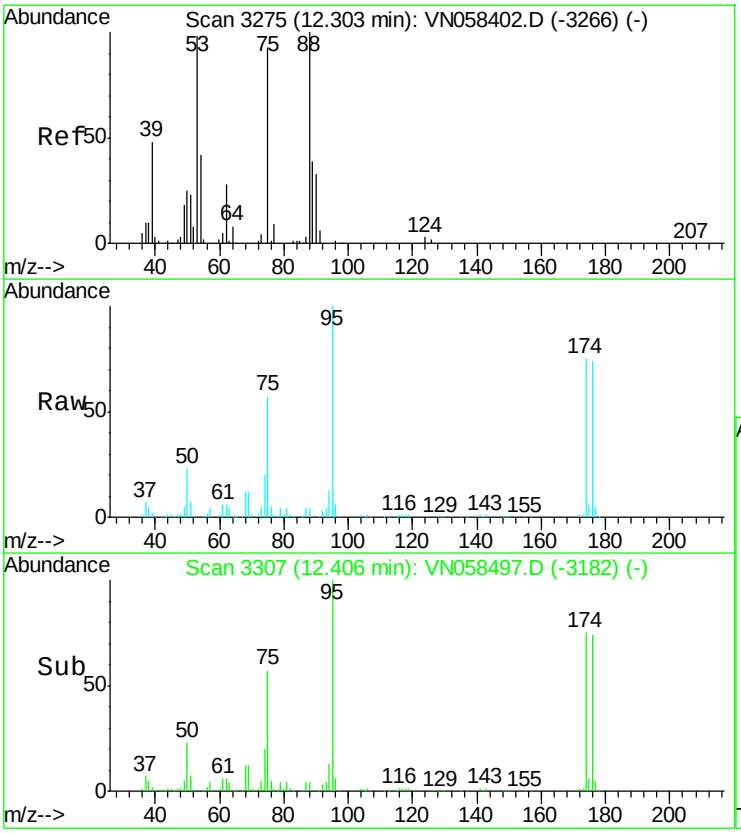
#80
1,3,5-Trimethylbenzene
Concen: 0.335 ug/l
RT: 12.74 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Tgt Ion:105 Resp: 4032

Ion	Ratio	Lower	Upper
105	100		
120	36.2	23.5	70.6

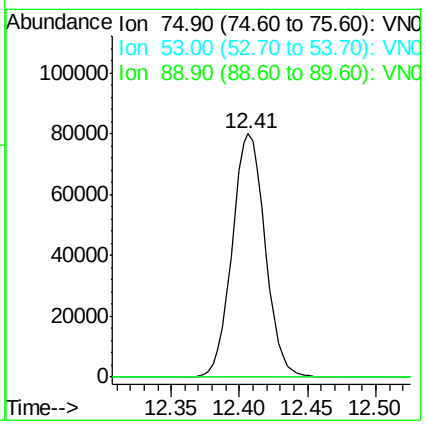


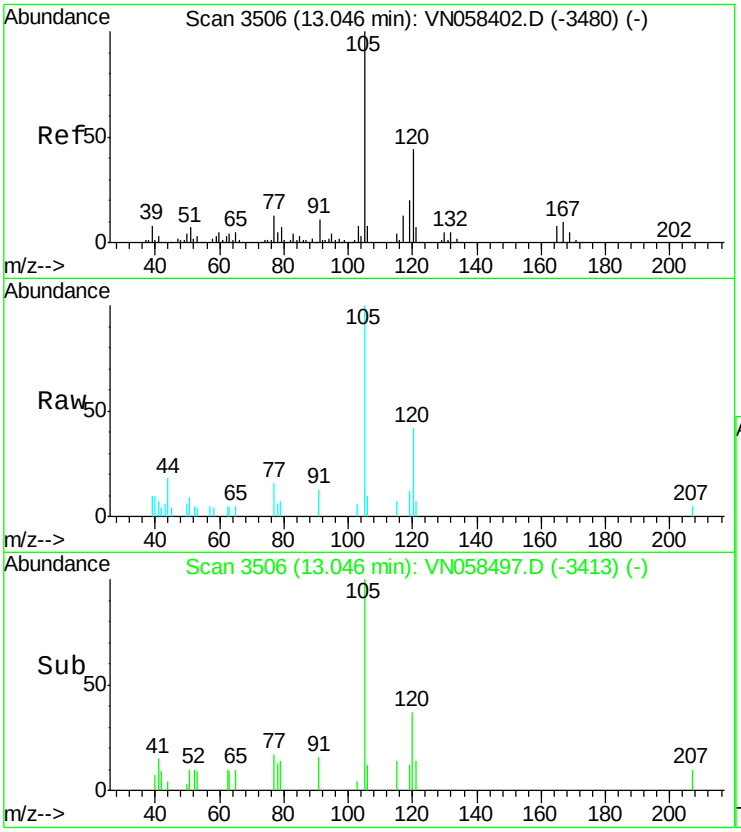


#81
trans-1,4-Dichloro-2-butene
Concen: 114.635 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Tgt Ion: 75 Resp: 134010

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.4	128.0#
89	0.0	35.0	52.4#



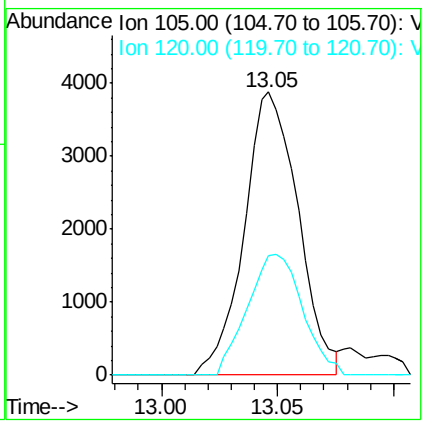


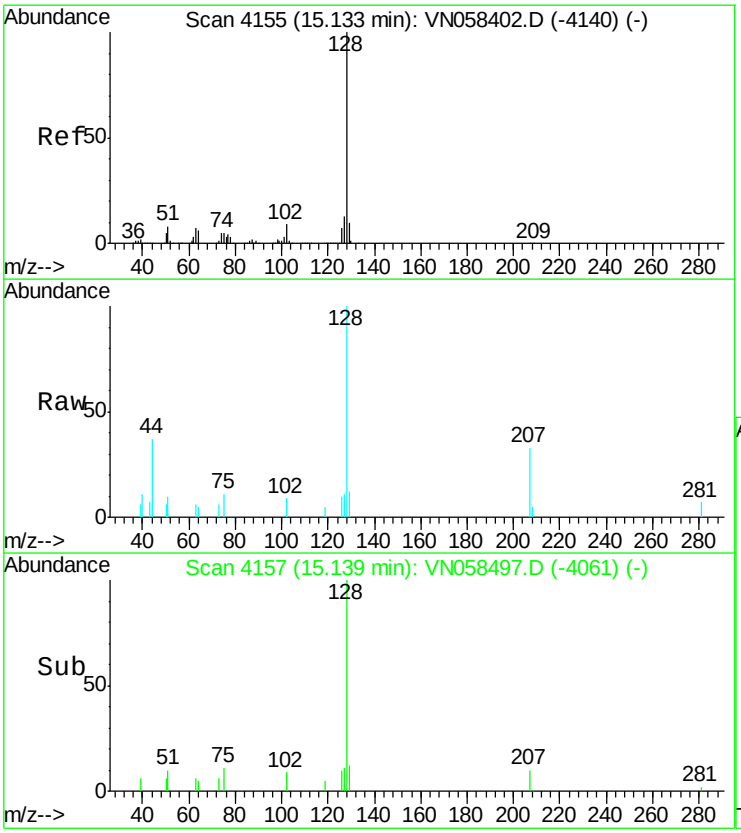
#84
1,2,4-Trimethylbenzene
Concen: 0.522 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
20190832-COMPOSITE-H

Tgt Ion:105 Resp: 6292

Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.7	65.1





#95
Naphthalene
Concen: 0.508 ug/l
RT: 15.14 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN058497.D
Acq: 3 Oct 2019 00:03

Tgt Ion:128 Resp: 5098

Ion	Ratio	Lower	Upper
128	100		
127	7.5	10.2	15.4#
129	12.0	8.3	12.5