Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091620\
Data File : VN063385.D
Acq On : 17 Sep 2020 00:16
Operator : JC/MD
Sample : PB131646ZHE#12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB131646ZHE#12

Quant Time: Sep 17 05:11:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	226429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	424763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	419230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173139	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	183235	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.08%			
35) Dibromofluoromethane	7.55	113	135271	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.00%			
50) Toluene-d8	10.06	98	547591	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.04%			
62) 4-Bromofluorobenzene	12.38	95	214116	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.66%			
Target Compounds						Qvalue
5) Bromomethane	2.54	94	723	0.405	ug/l #	49
10) Methyl Iodide	3.92	142	1870	0.569	ug/l #	57
11) Tert butyl alcohol	4.71	59	266	0.498	ug/l #	72
16) Acetone	3.78	43	14520	11.722	ug/l	97
17) Carbon Disulfide	4.01	76	2727	0.367	ug/l #	75
18) Methyl Acetate	4.29	43	5652	1.797	ug/l #	70
20) Methylene Chloride	4.50	84	15668	4.992	ug/l	98
25) 2-Butanone	6.80	43	3719	1.952	ug/l #	90
29) Tetrahydrofuran	7.17	42	1510	1.160	ug/l #	64
31) Cyclohexane	7.62	56	7120	1.337	ug/l #	33
36) 1,1-Dichloropropene	7.63	75	21176	4.680	ug/l #	52
38) Carbon Tetrachloride	7.63	117	25165	5.448	ug/l #	18
41) Methacrylonitrile	7.16	41	589	0.295	ug/l #	100
43) Isopropyl Acetate	8.13	43	88937	11.199	ug/l	99
45) 1,2-Dichloropropane	9.23	63	1589	0.452	ug/l #	43
48) Methyl methacrylate	9.14	41	4698	1.204	ug/l #	15
49) 1,4-Dioxane	9.24	88	72	1.286	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	9908	2.229	ug/l	96
54) cis-1,3-Dichloropropene	9.87	75	35911	6.348	ug/l #	65
56) Ethyl methacrylate	10.51	69	1184	0.246	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	5790	1.041	ug/l #	42
59) 2-Hexanone	10.74	43	97966	30.415	ug/l #	54
71) Bromoform	12.38	173	1633	0.672	ug/l #	1
74) N-amyl acetate	12.01	43	4104	0.625	ug/l #	48
76) 1,2,3-Trichloropropane	12.38	75	120218	28.053	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	9816	0.848	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	120218	76.910	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.89	180	809	0.242	ug/l #	74
94) Hexachlorobutadiene	14.97	225	418	0.302	ug/l #	38
95) Naphthalene	15.11	128	3009	0.272	ug/l #	84

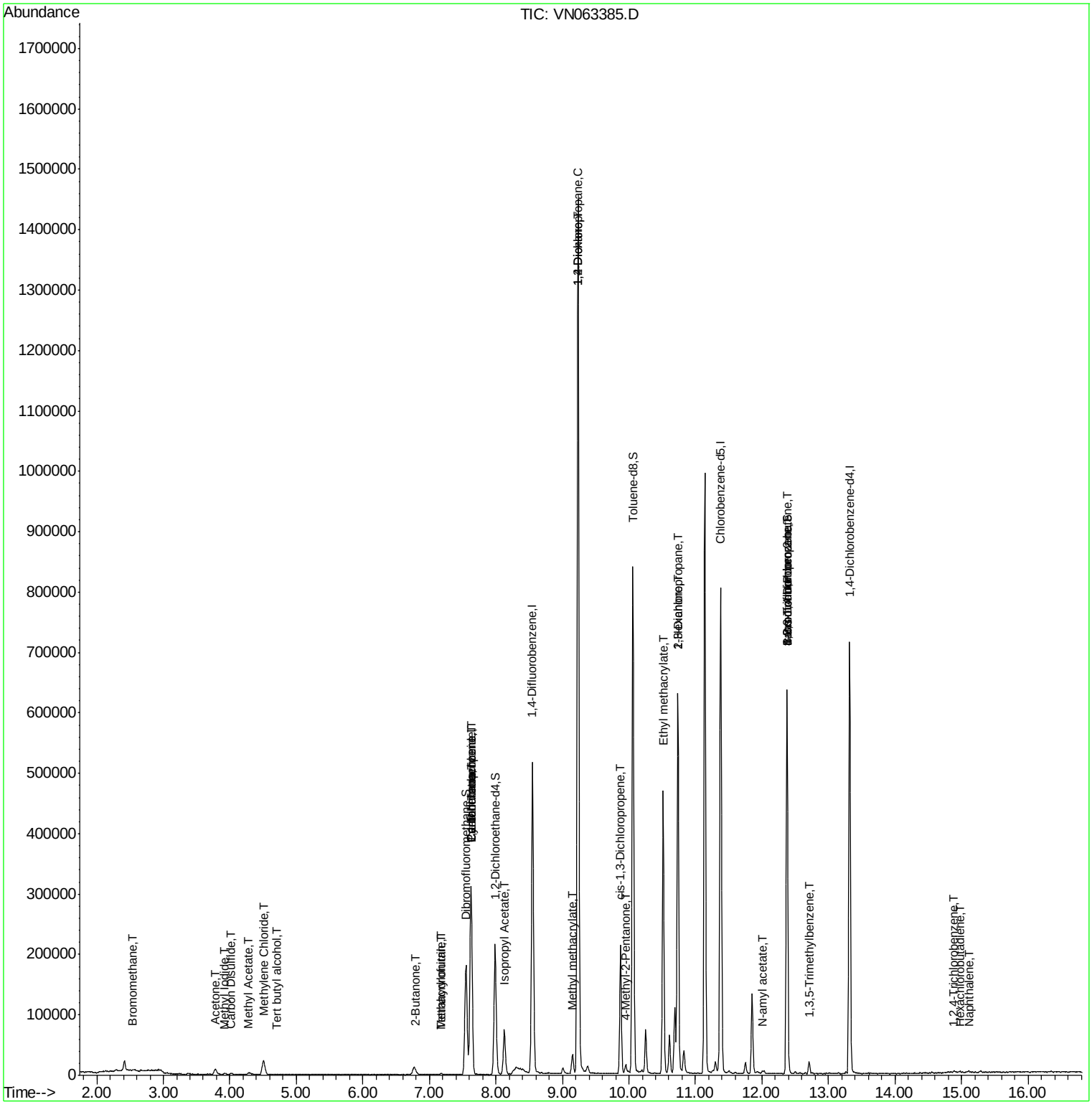
(#) = qualifier out of range (m) = manual integration (+) = signals summed

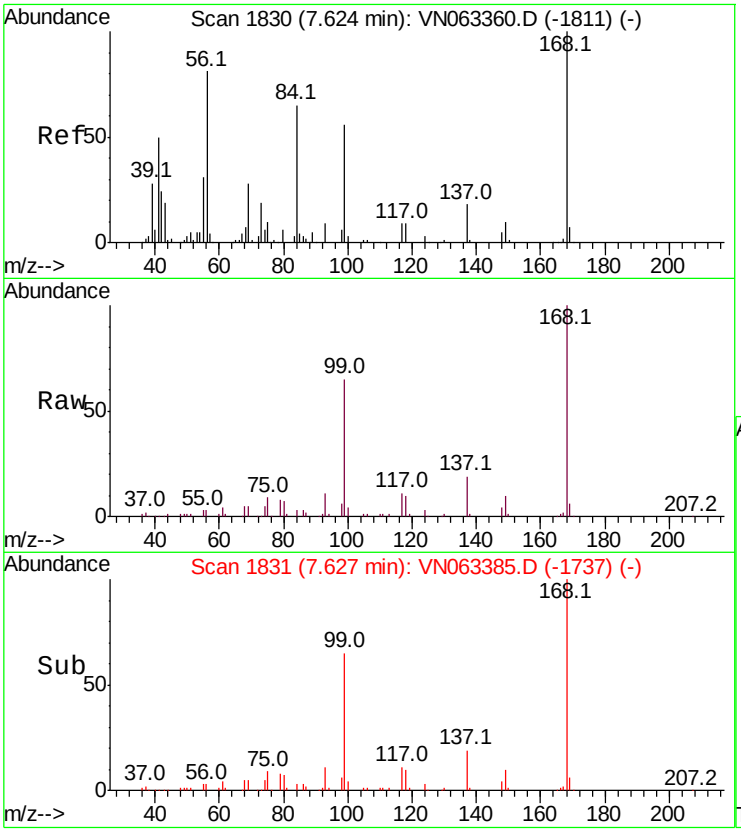
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091620\
Data File : VN063385.D
Acq On : 17 Sep 2020 00:16
Operator : JC/MD
Sample : PB131646ZHE#12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#12

Quant Time: Sep 17 05:11:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration



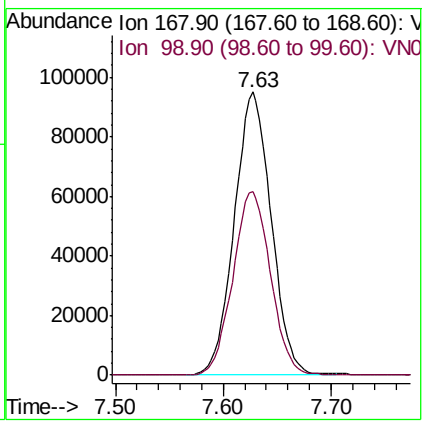


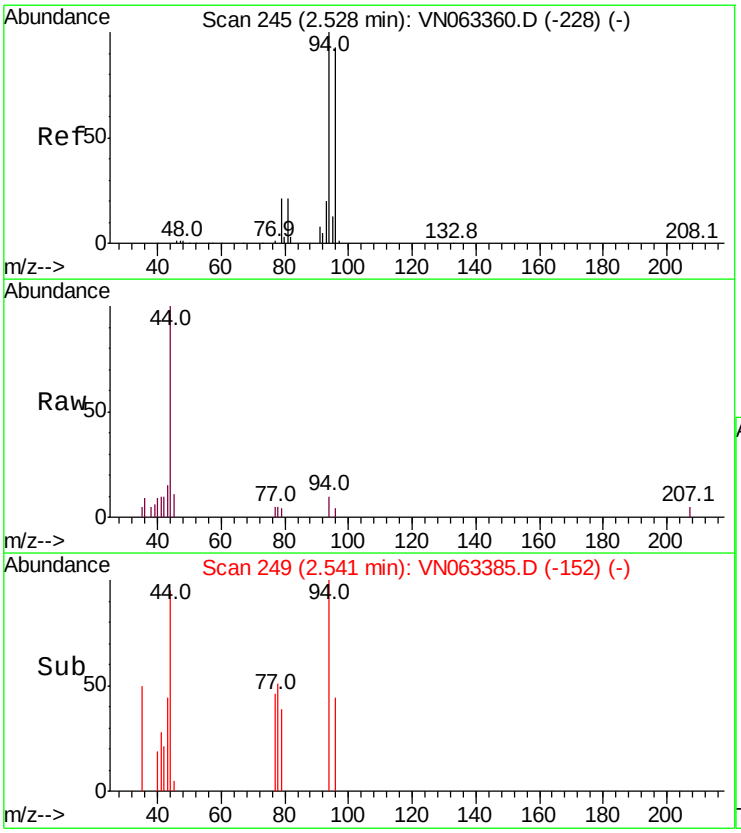
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Instrument : MSVOA_N
ClientSampleId : PB131646ZHE#12

Tgt Ion:168 Resp: 226429

Ion	Ratio	Lower	Upper
168	100		
99	65.0	53.0	79.6

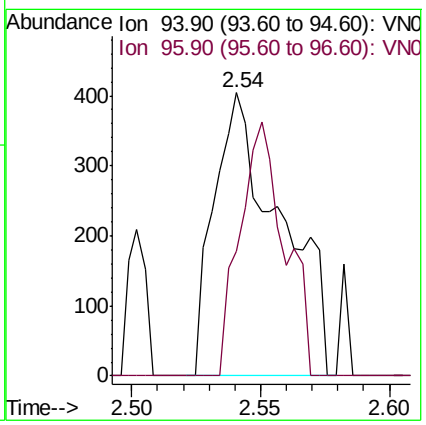


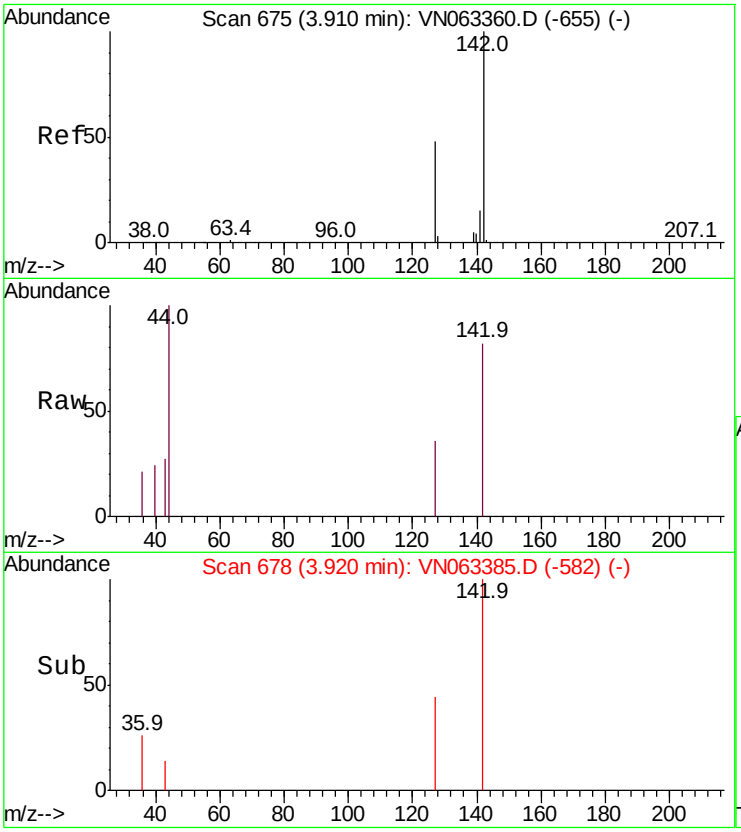


#5
Bromomethane
Concen: 0.405 ug/l
RT: 2.54 min Scan# 249
Delta R.T. 0.01 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Tgt Ion: 94 Resp: 723

Ion	Ratio	Lower	Upper
94	100		
96	44.1	74.5	111.7#



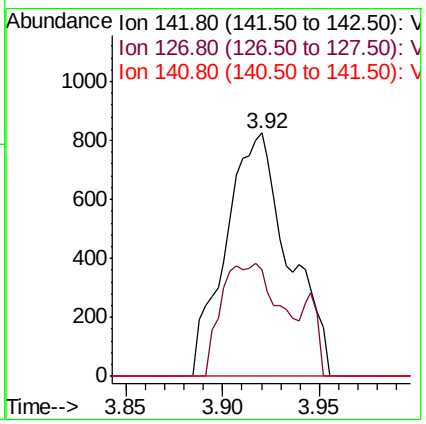


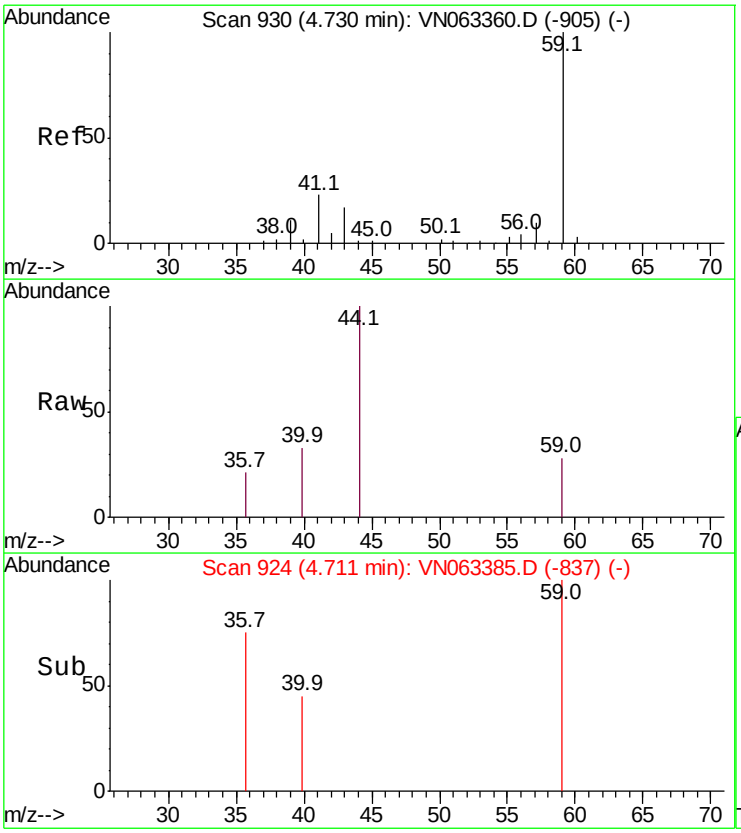
#10
Methyl Iodide
Concen: 0.569 ug/l
RT: 3.92 min Scan# 678
Delta R.T. 0.01 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Instrument : MSVOA_N
ClientSampleId : PB131646ZHE#12

Tgt Ion:142 Resp: 1870

Ion	Ratio	Lower	Upper
142	100		
127	18.1	39.0	58.6#
141	0.0	11.6	17.4#

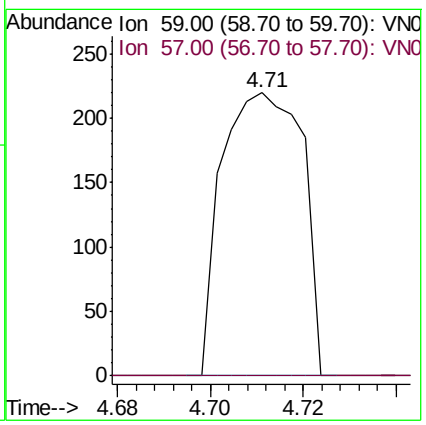


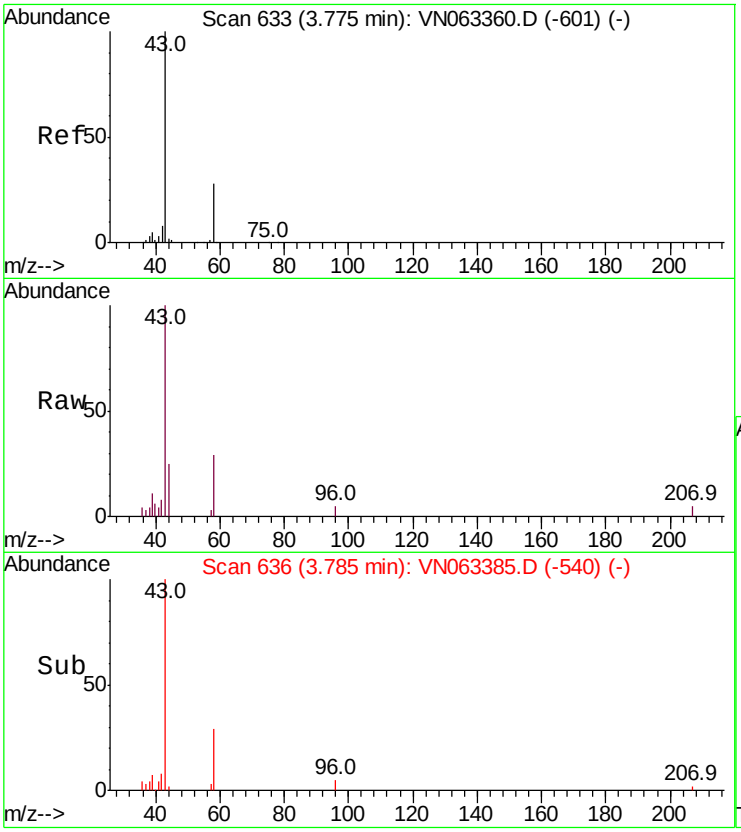


#11
Tert butyl alcohol
Concen: 0.498 ug/l
RT: 4.71 min Scan# 924
Delta R.T. -0.02 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Tgt Ion: 59 Resp: 266

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



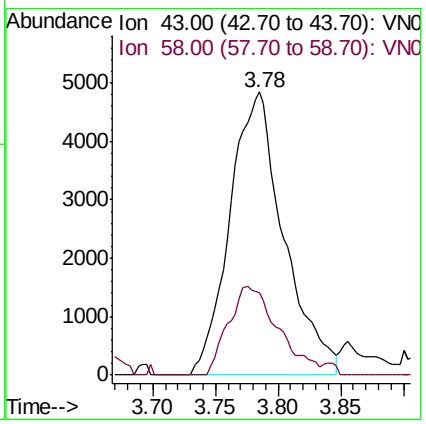


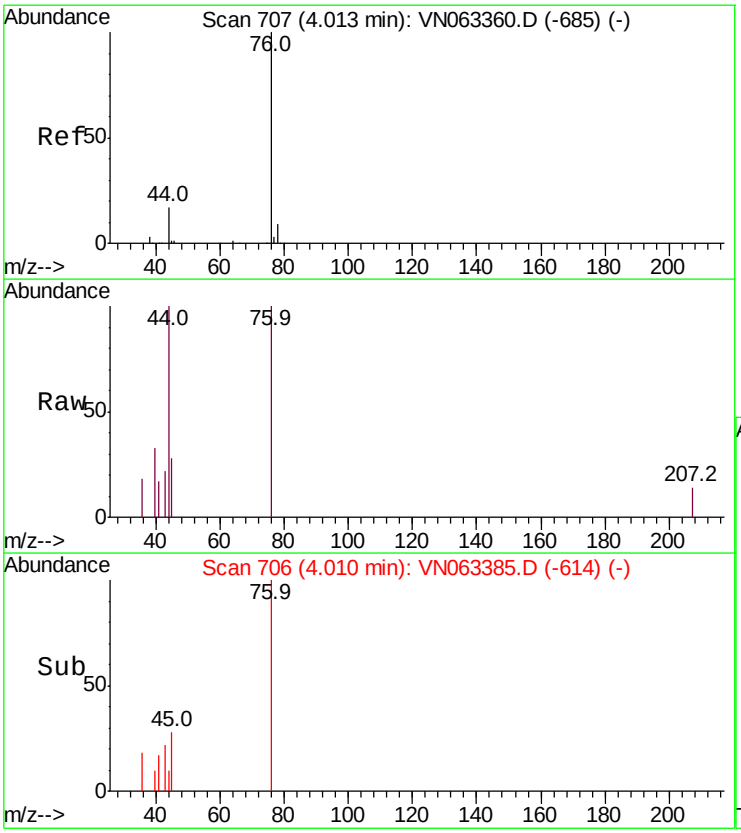
#16
Acetone
Concen: 11.722 ug/l
RT: 3.78 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#12

Tgt Ion: 43 Resp: 14520

Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.3	33.5

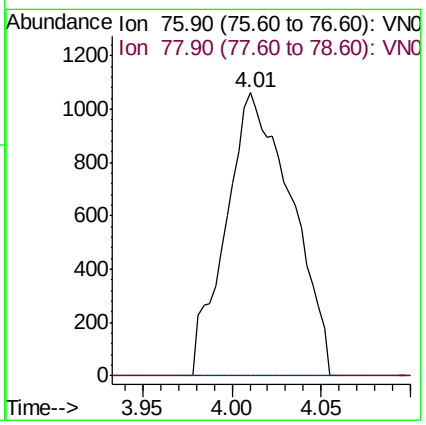


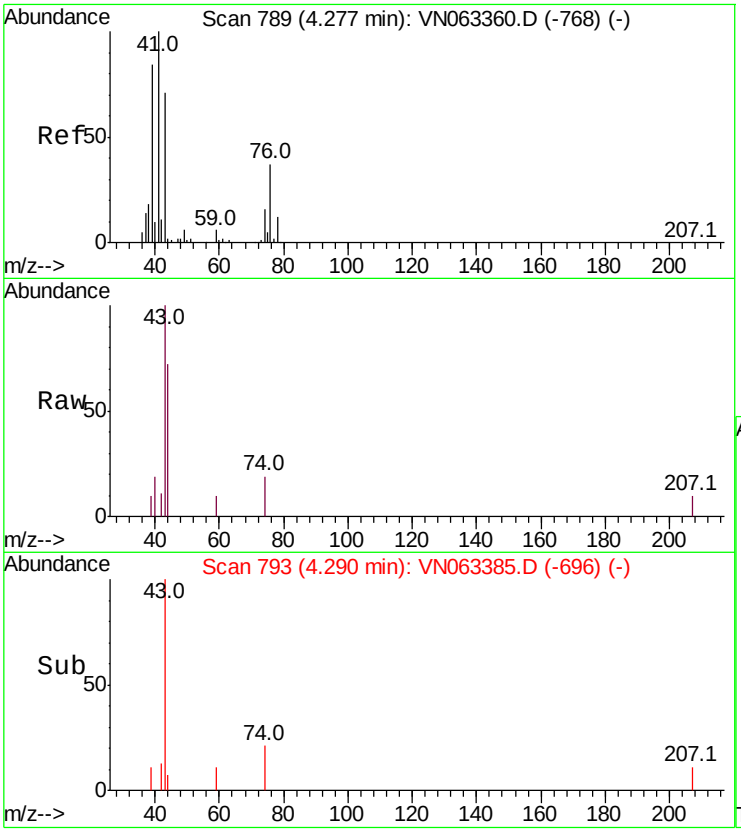


#17
Carbon Disulfide
Concen: 0.367 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Tgt Ion: 76 Resp: 2727

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#



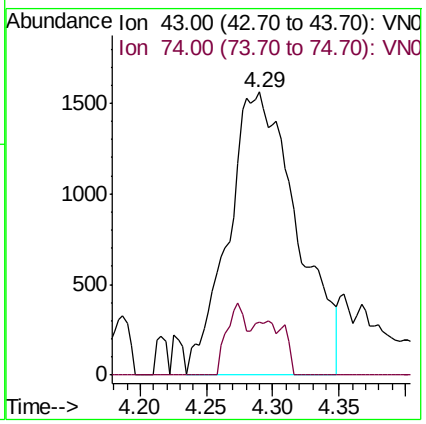


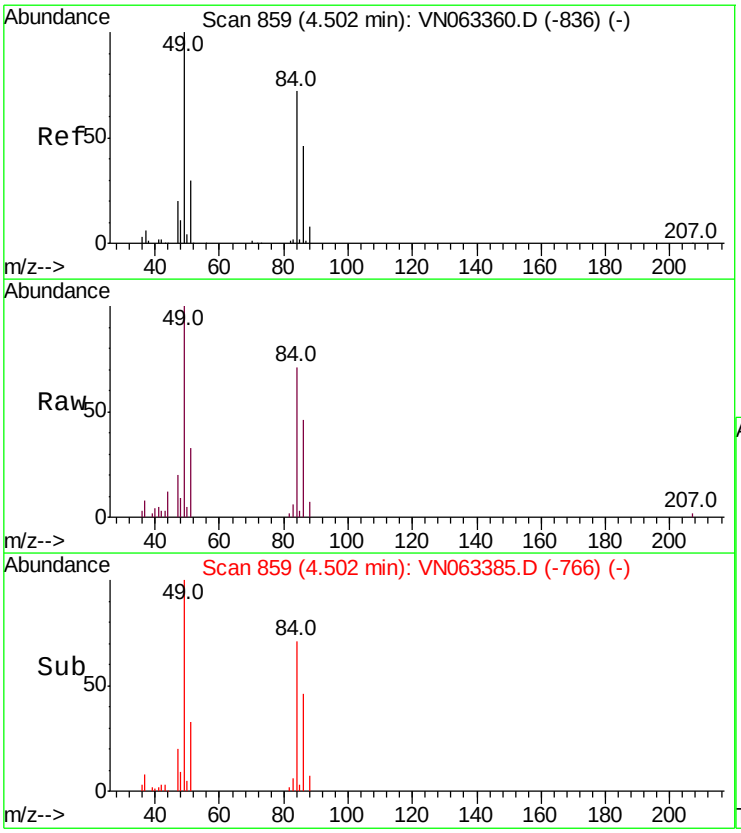
#18
Methyl Acetate
Concen: 1.797 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Instrument : MSVOA_N
ClientSampleId : PB131646ZHE#12

Tgt Ion: 43 Resp: 5652

Ion	Ratio	Lower	Upper
43	100		
74	7.6	17.4	26.2#

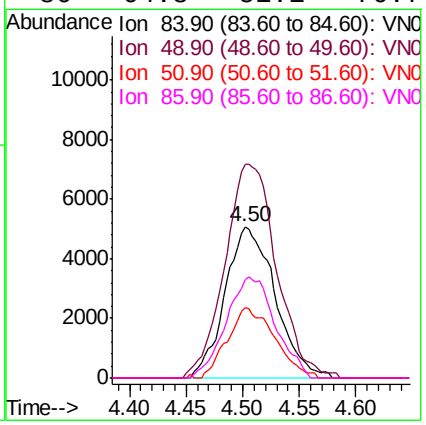


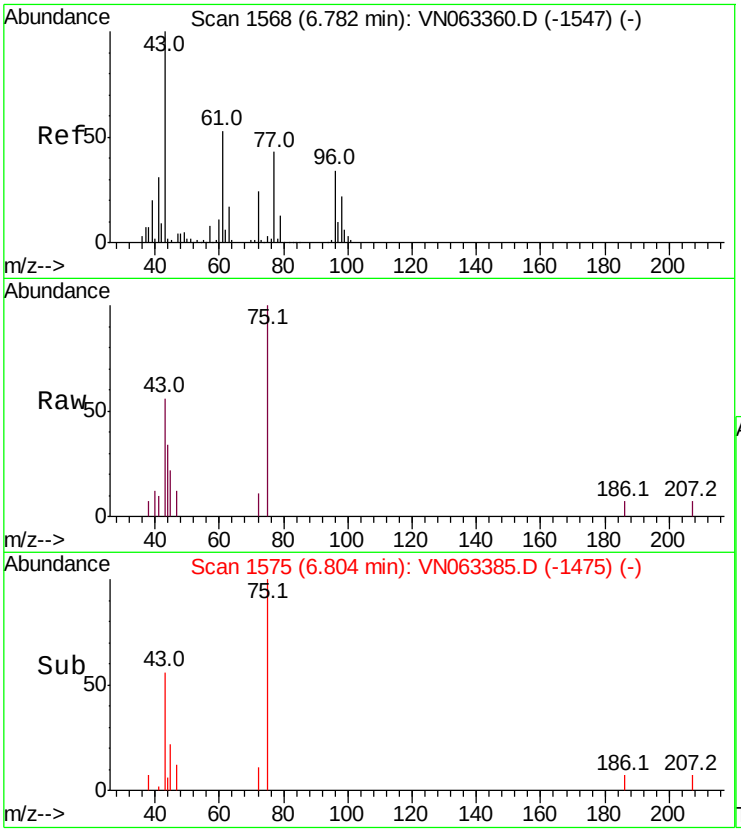


#20
Methylene Chloride
Concen: 4.992 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Tgt Ion: 84 Resp: 15668

Ion	Ratio	Lower	Upper
84	100		
49	137.9	110.7	166.1
51	46.4	32.9	49.3
86	64.8	51.1	76.7



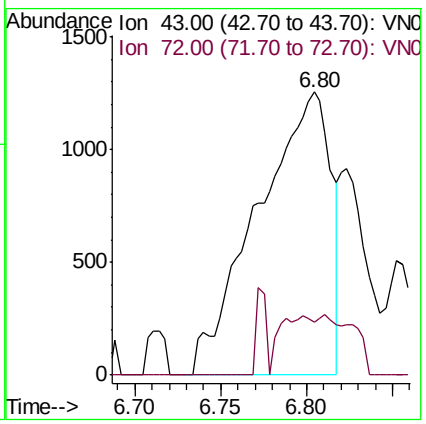


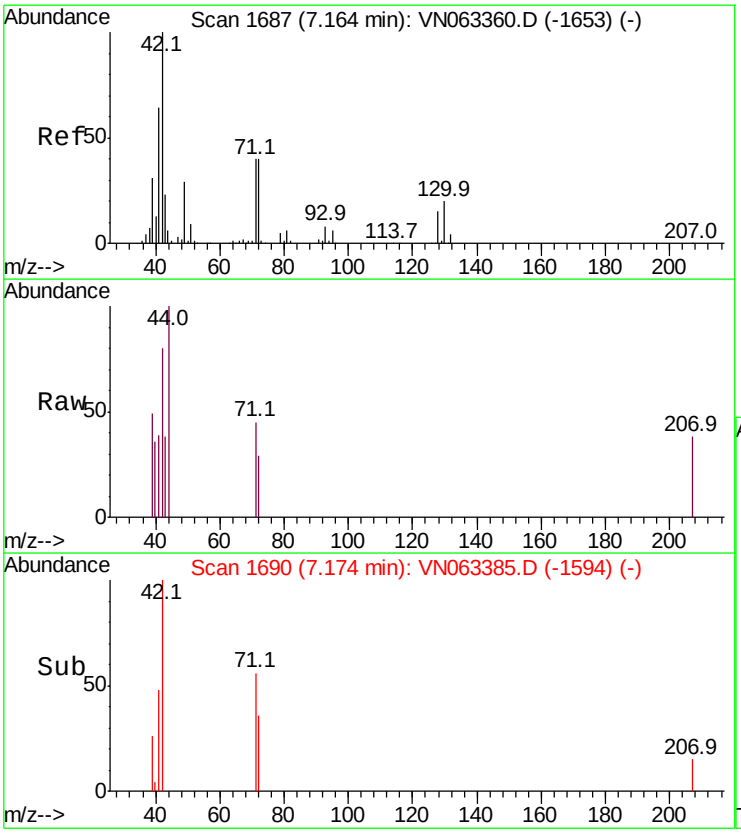
#25
2-Butanone
Concen: 1.952 ug/l
RT: 6.80 min Scan# 1575
Delta R.T. 0.02 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Instrument : MSVOA_N
ClientSampleId : PB131646ZHE#12

Tgt Ion: 43 Resp: 3719

Ion	Ratio	Lower	Upper
43	100		
72	18.9	19.2	28.8#

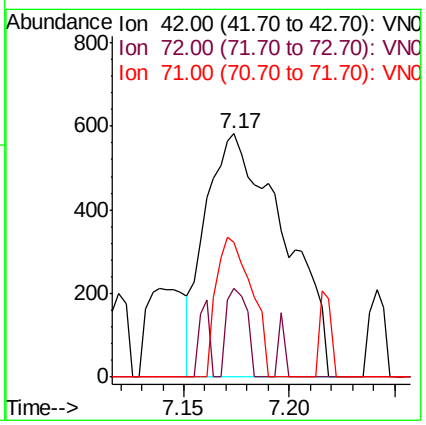


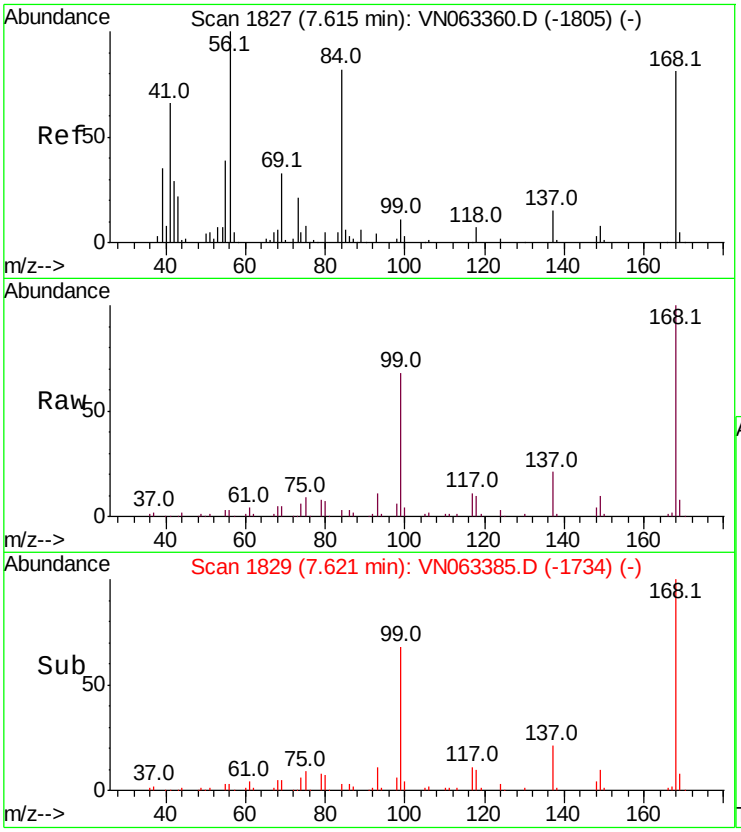


#29
Tetrahydrofuran
Concen: 1.160 ug/l
RT: 7.17 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Tgt Ion: 42 Resp: 1510

Ion	Ratio	Lower	Upper
42	100		
72	9.6	32.1	48.1#
71	25.4	31.2	46.8#



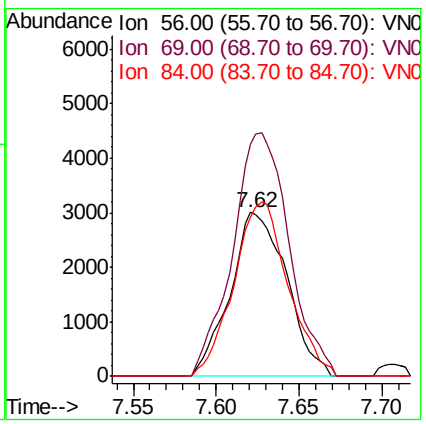


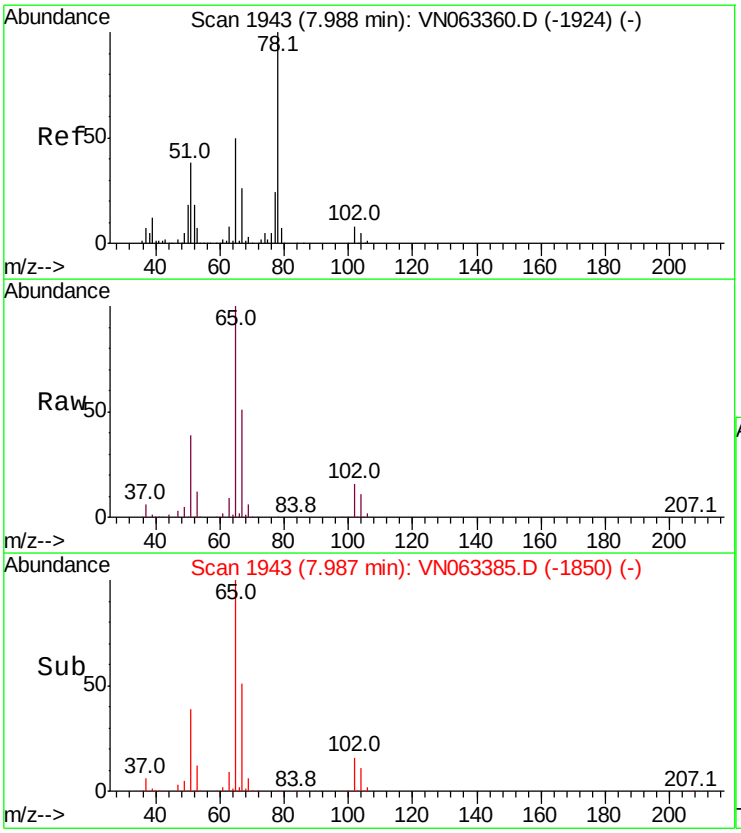
#31
Cyclohexane
Concen: 1.337 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Instrument : MSVOA_N
ClientSampleId : PB131646ZHE#12

Tgt Ion: 56 Resp: 7120

Ion	Ratio	Lower	Upper
56	100		
69	141.1	26.1	39.1#
84	97.3	65.4	98.2

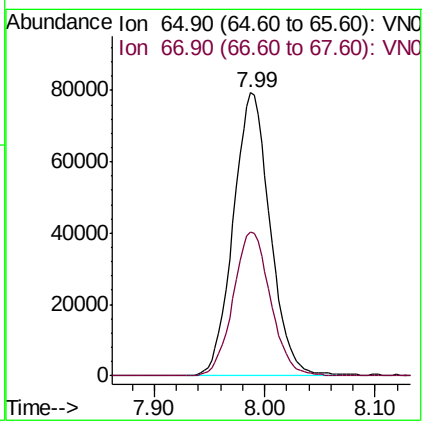


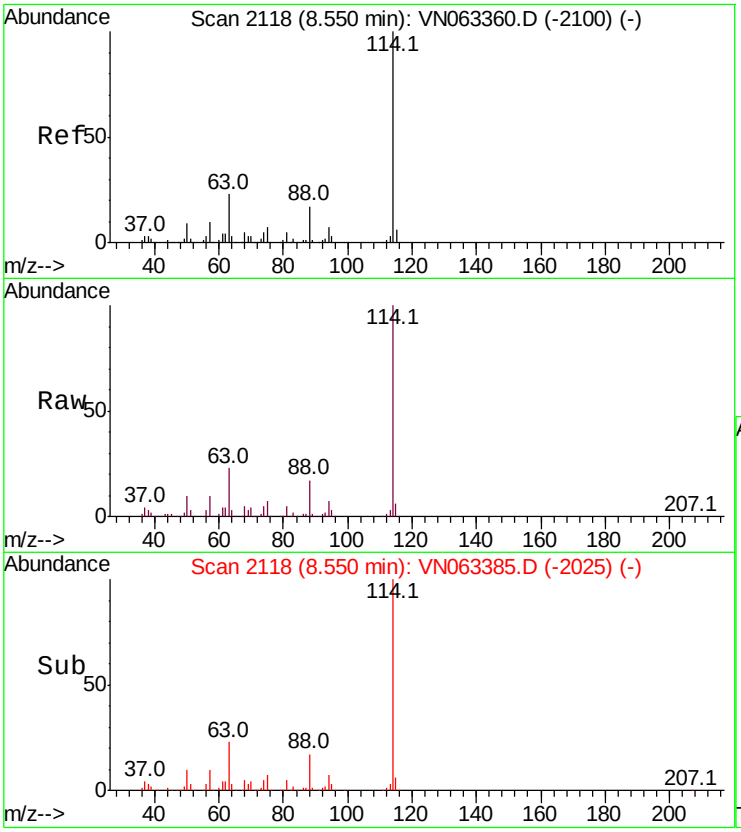


#33
1,2-Dichloroethane-d4
Concen: 47.539 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Tgt Ion: 65 Resp: 183235

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.2



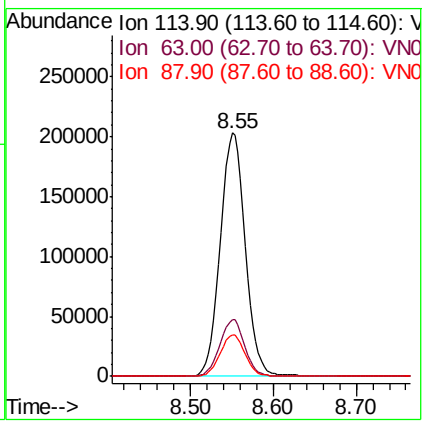


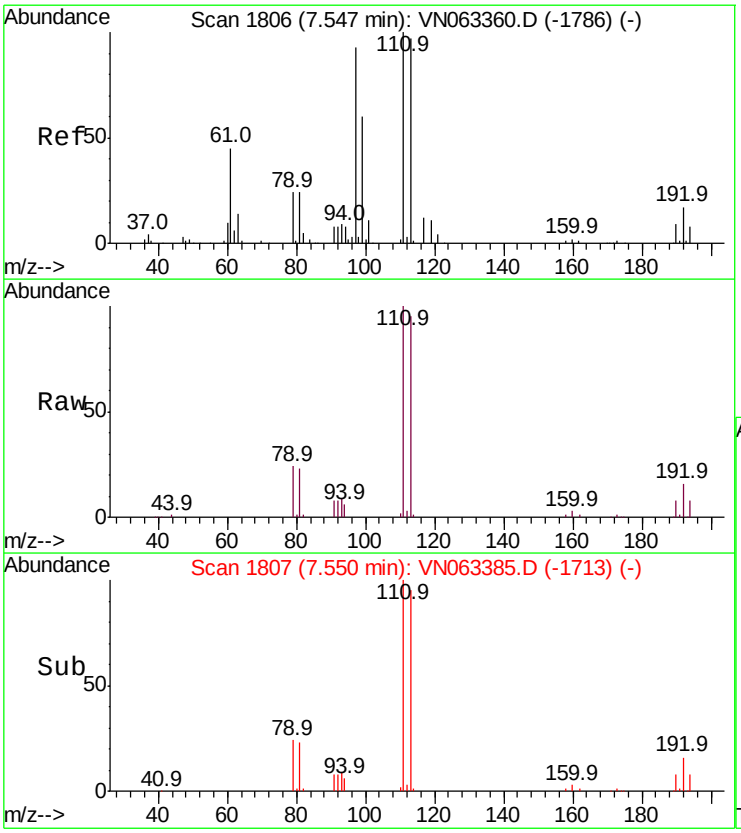
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#12

Tgt Ion:114 Resp: 424763

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	46.4
88	17.1	0.0	33.2

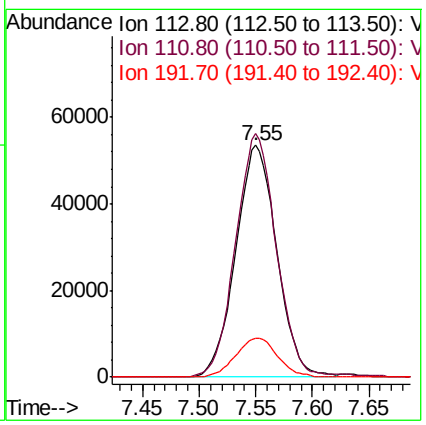


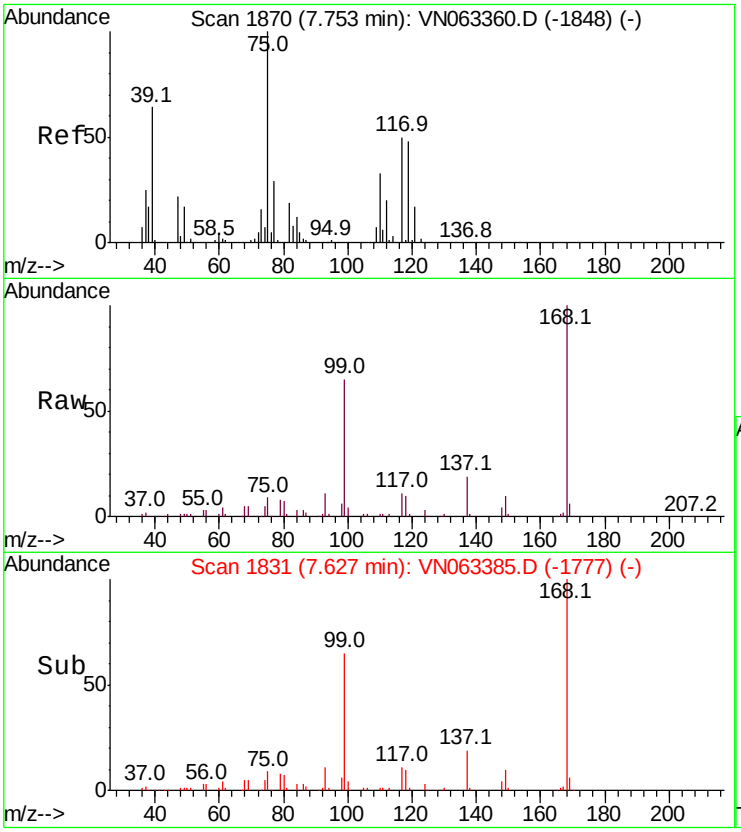


#35
Dibromofluoromethane
Concen: 46.002 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Tgt Ion:113 Resp: 135271

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.9	124.3
192	17.1	13.9	20.9



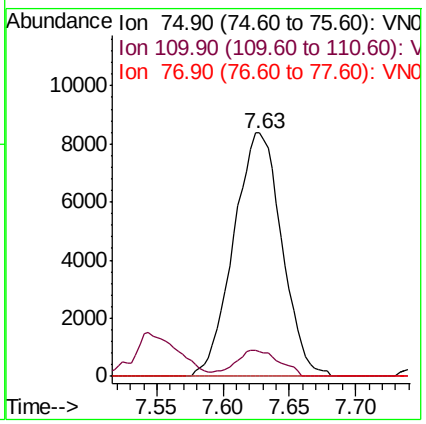


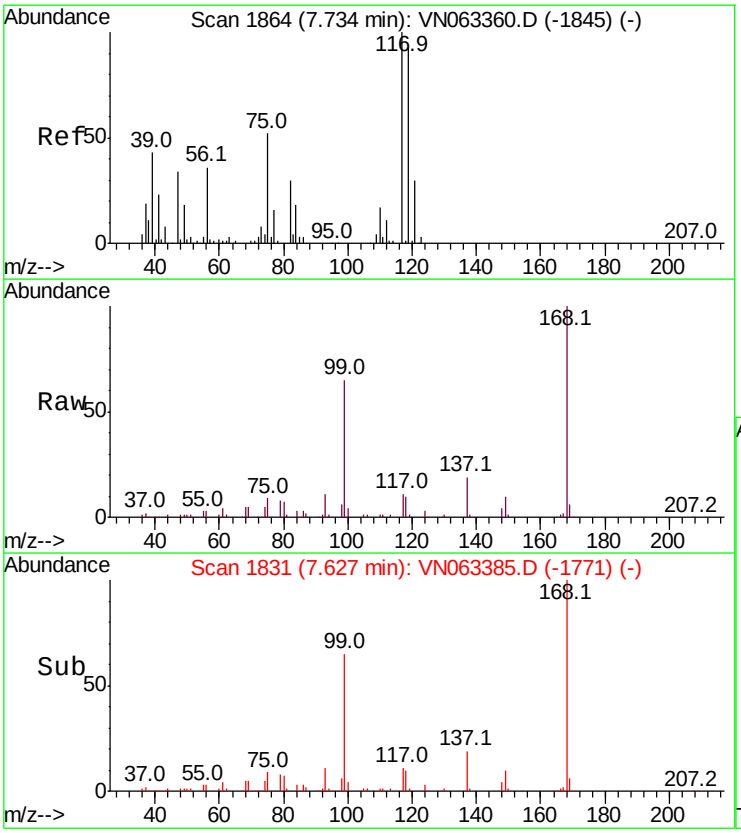
#36
1,1-Dichloropropene
Concen: 4.680 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#12

Tgt Ion: 75 Resp: 21176

Ion	Ratio	Lower	Upper
75	100		
110	9.7	16.5	49.5#
77	0.0	24.6	36.8#

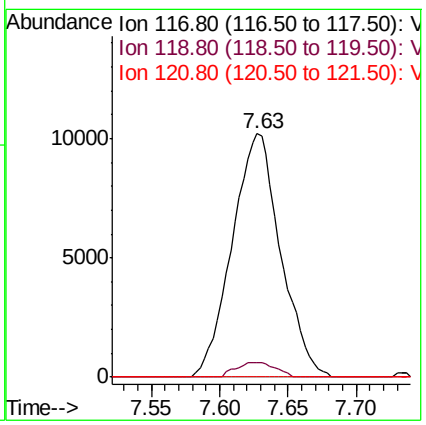


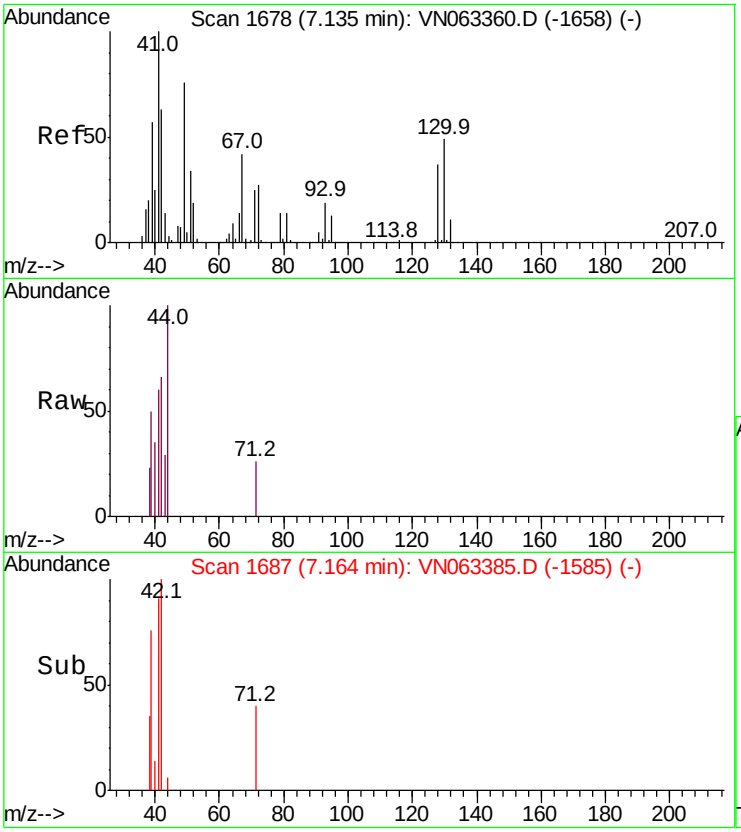


#38
Carbon Tetrachloride
Concen: 5.448 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Tgt Ion:117 Resp: 25165

Ion	Ratio	Lower	Upper
117	100		
119	5.8	74.5	111.7#
121	0.0	24.1	36.1#



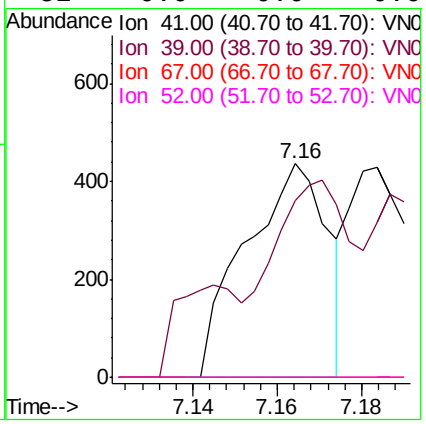


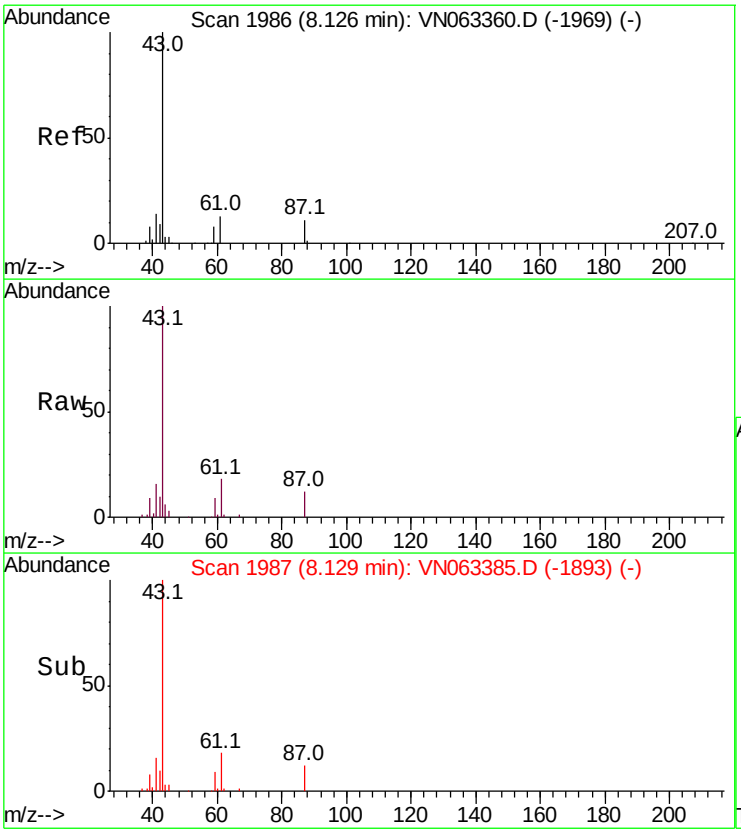
#41
Methacrylonitrile
Concen: 0.295 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#12

Tgt Ion: 41 Resp: 589

Ion	Ratio	Lower	Upper
41	100		
39	90.2	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

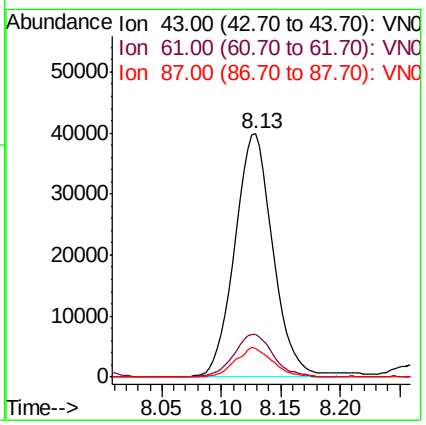


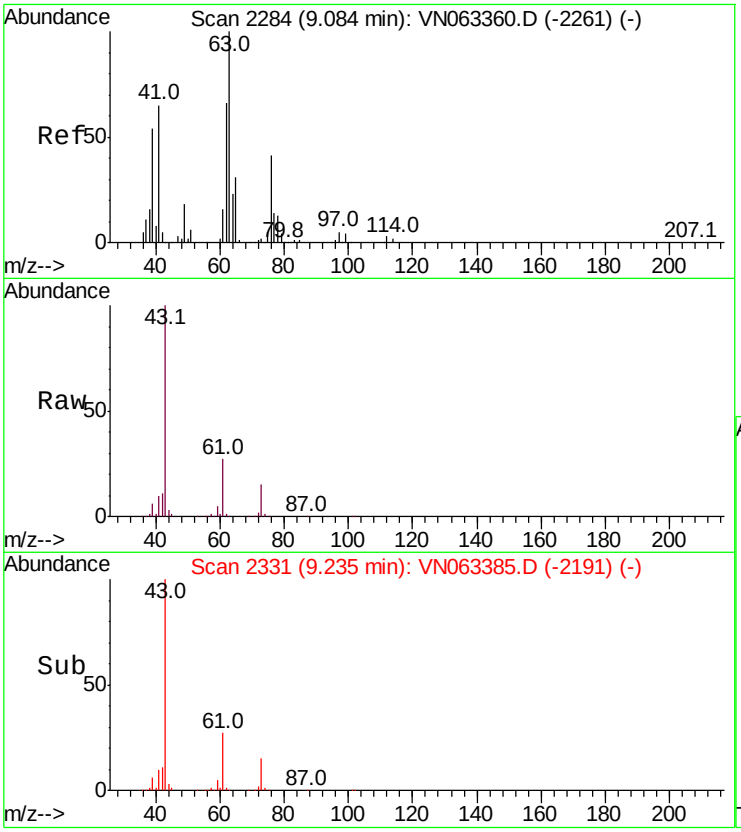


#43
Isopropyl Acetate
Concen: 11.199 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Tgt Ion: 43 Resp: 88937

Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.2	21.2
87	11.8	9.0	13.6



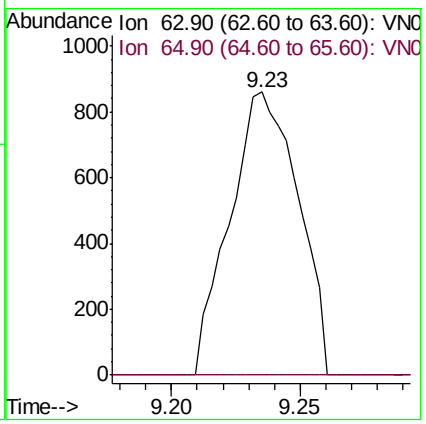


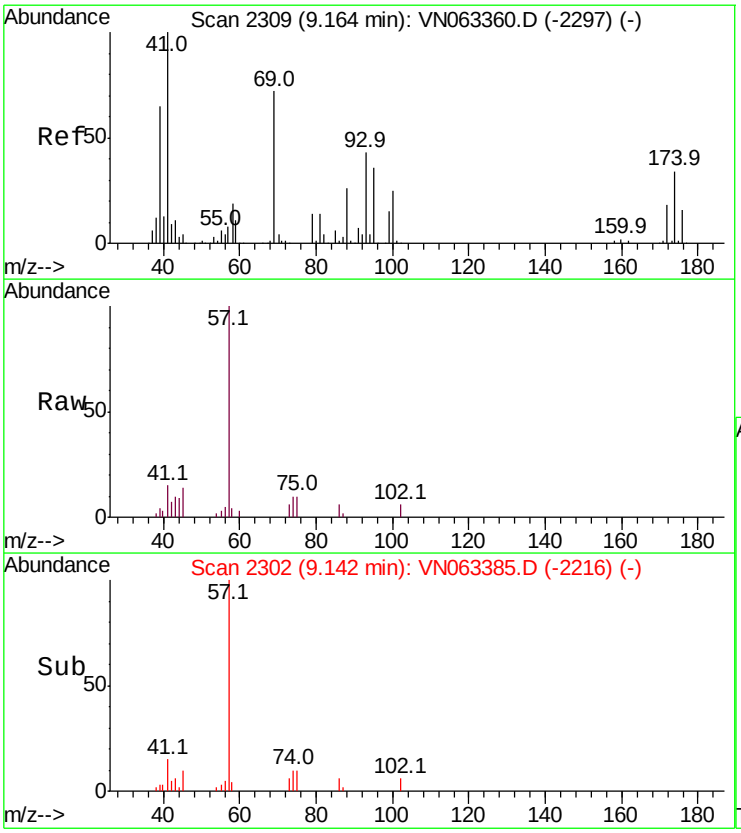
#45
1,2-Dichloropropane
Concen: 0.452 ug/l
RT: 9.23 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Instrument : MSVOA_N
ClientSampleId : PB131646ZHE#12

Tgt Ion: 63 Resp: 1589

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.6#

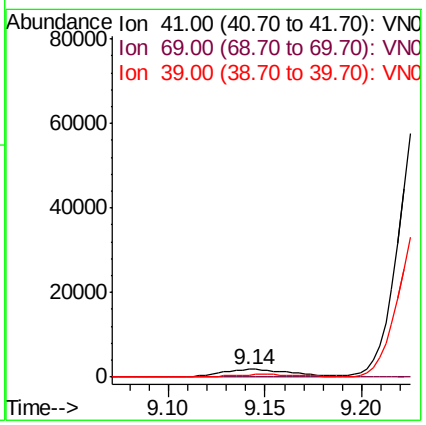


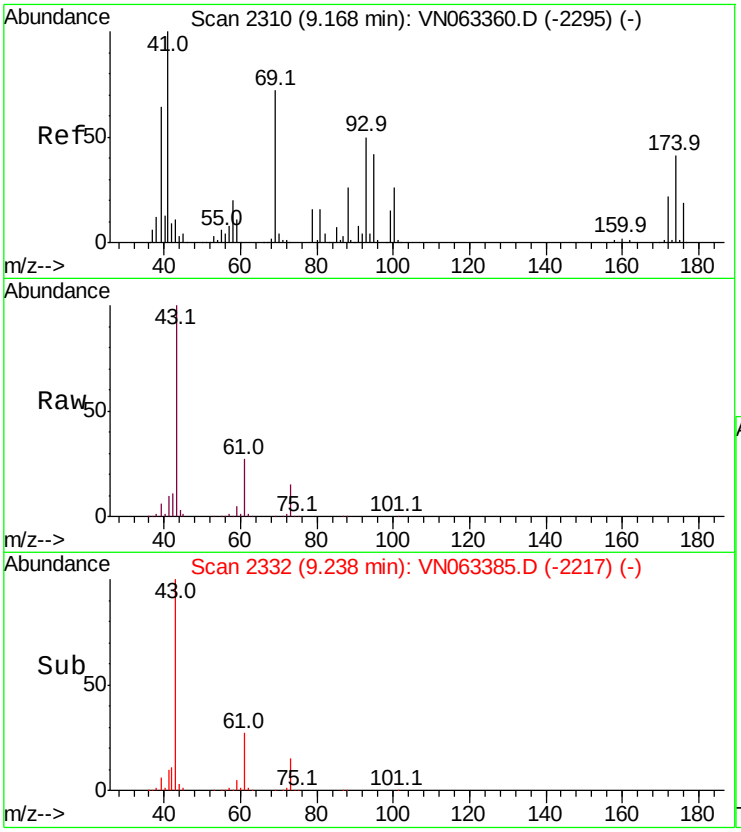


#48
Methyl methacrylate
Concen: 1.204 ug/l
RT: 9.14 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Tgt Ion: 41 Resp: 4698

Ion	Ratio	Lower	Upper
41	100		
69	1.3	59.3	88.9#
39	0.0	52.9	79.3#



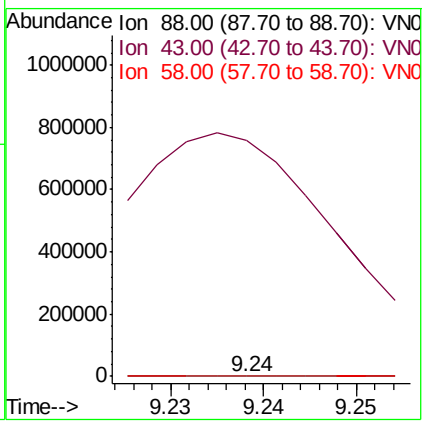


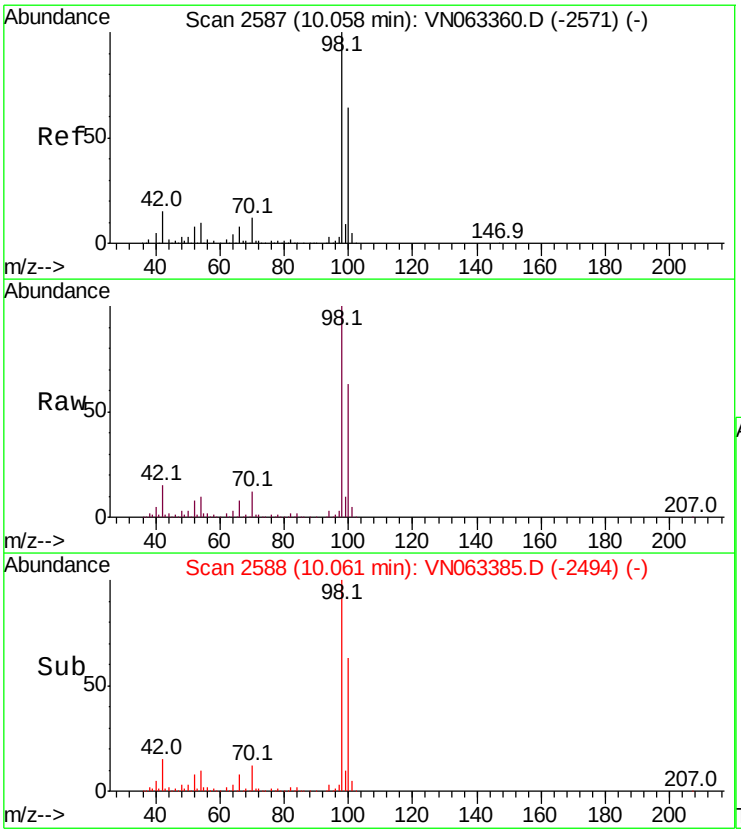
#49
1,4-Dioxane
Concen: 1.286 ug/l
RT: 9.24 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#12

Tgt Ion: 88 Resp: 72

Ion	Ratio	Lower	Upper
88	100		
43	2025659.7	32.6	49.0#
58	8315.3	60.0	90.0#

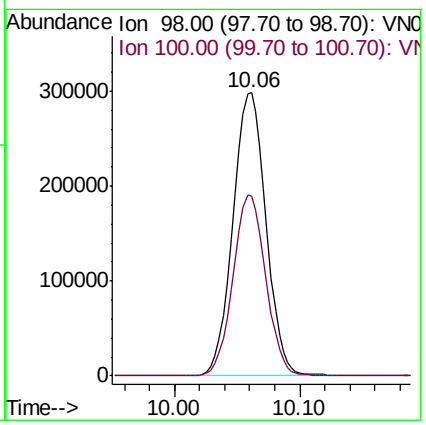


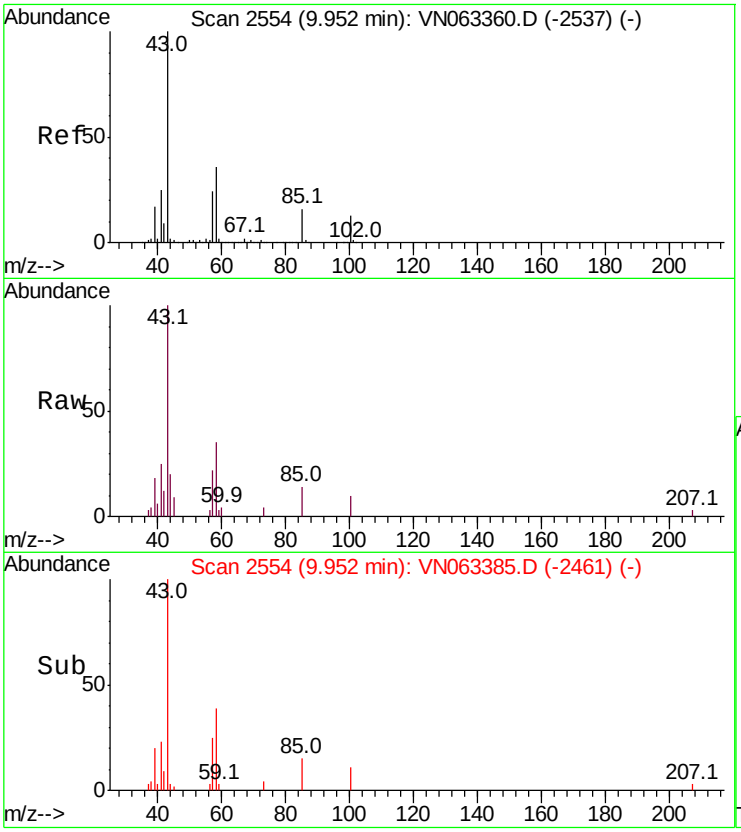


#50
Toluene-d8
Concen: 49.524 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Tgt Ion: 98 Resp: 547591

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.7	76.1



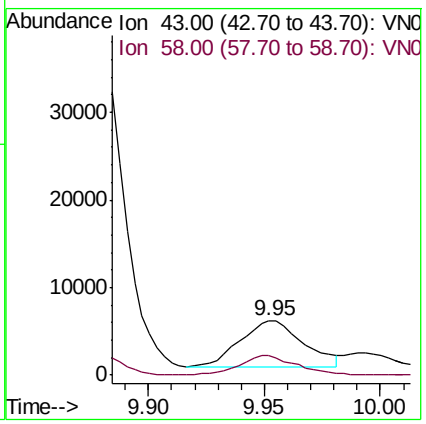


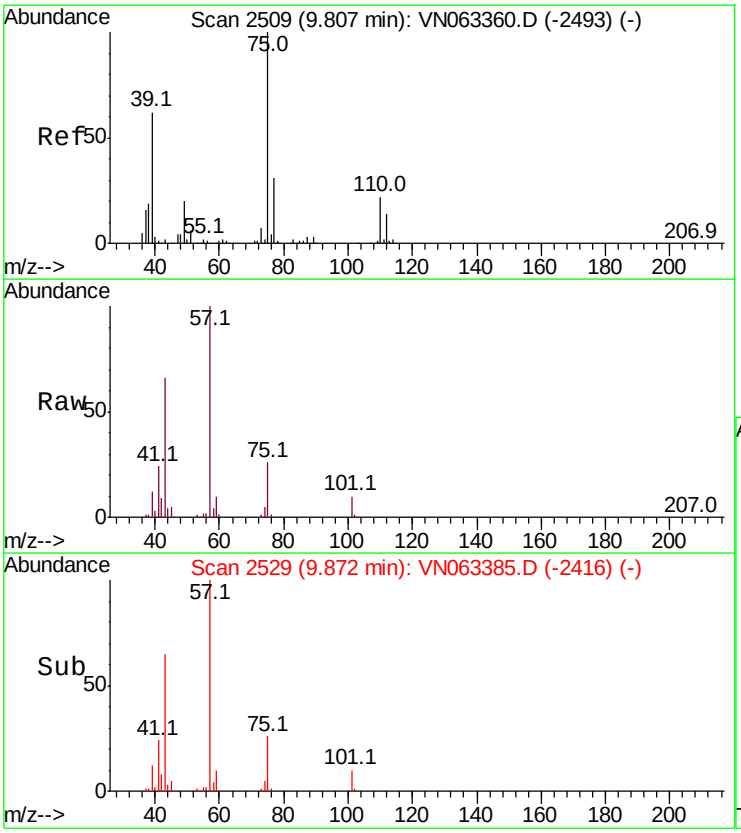
#51
4-Methyl-2-Pentanone
Concen: 2.229 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Instrument : MSVOA_N
ClientSampleId : PB131646ZHE#12

Tgt Ion: 43 Resp: 9908

Ion	Ratio	Lower	Upper
43	100		
58	38.5	29.0	43.6

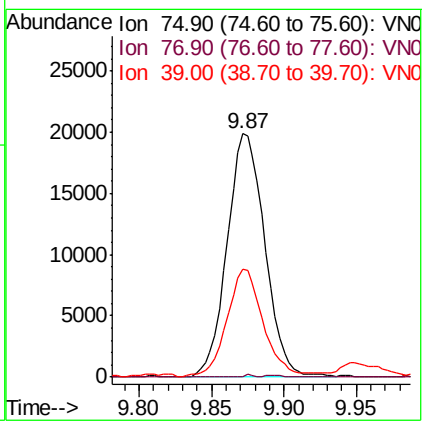


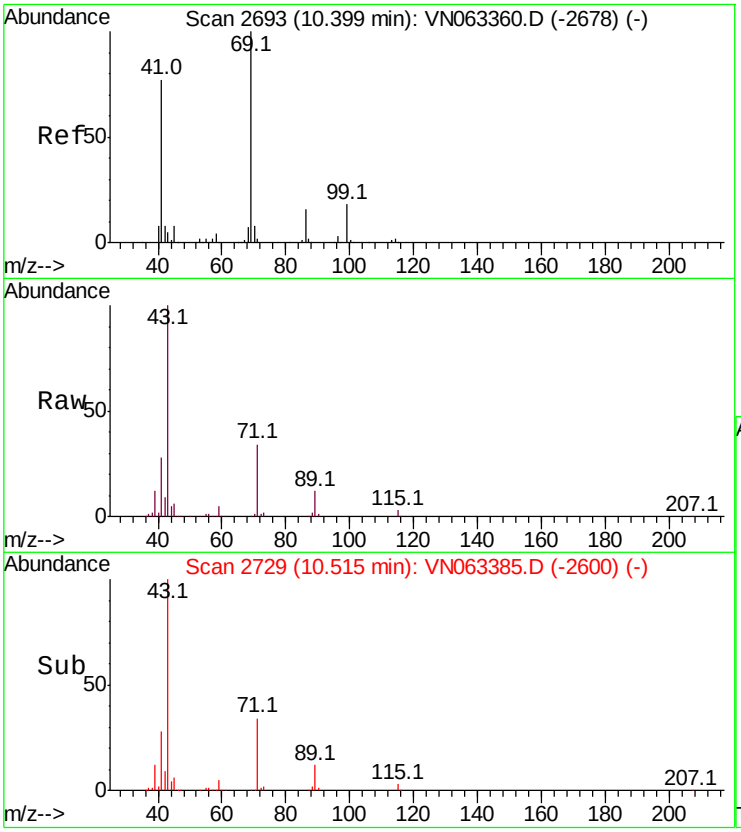


#54
cis-1,3-Dichloropropene
Concen: 6.348 ug/l
RT: 9.87 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Tgt Ion: 75 Resp: 35911

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	37.0#
39	43.6	49.8	74.8#



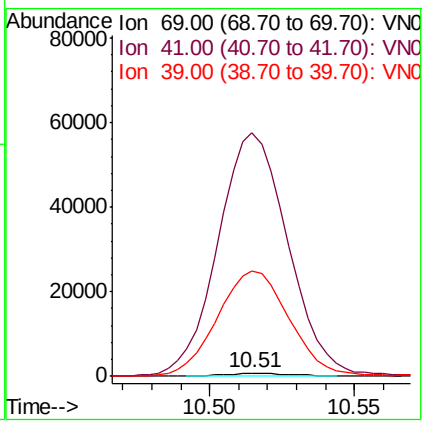


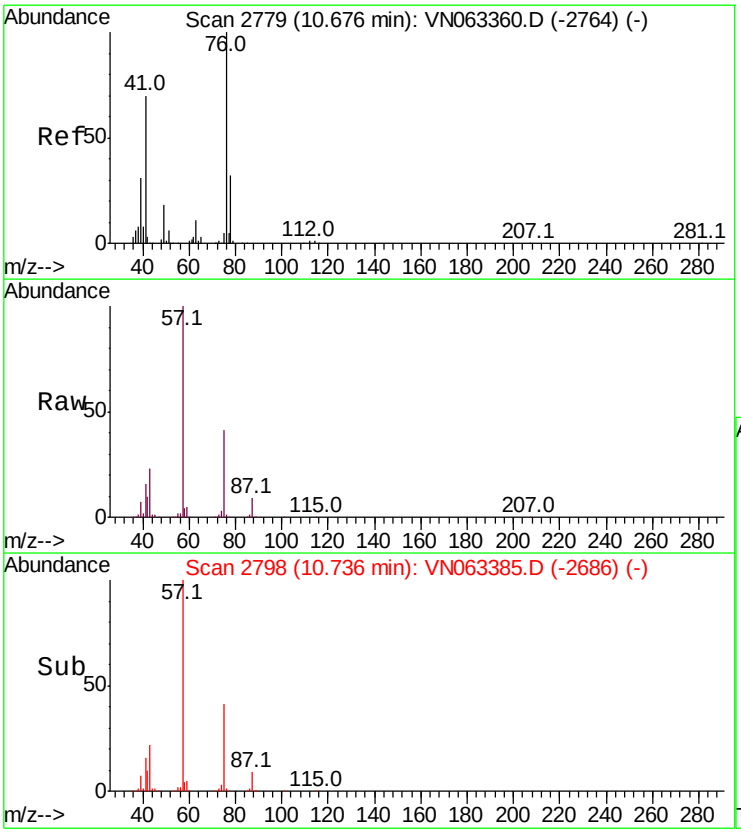
#56
Ethyl methacrylate
Concen: 0.246 ug/l
RT: 10.51 min Scan# 2729
Delta R.T. 0.12 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Instrument : MSVOA_N
ClientSampleId : PB131646ZHE#12

Tgt Ion: 69 Resp: 1184

Ion	Ratio	Lower	Upper
69	100		
41	8222.0	61.0	91.6#
39	3627.6	39.2	58.8#

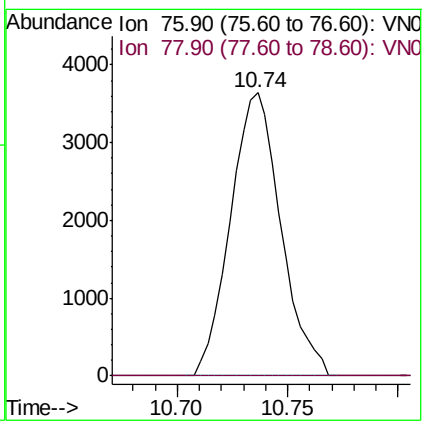


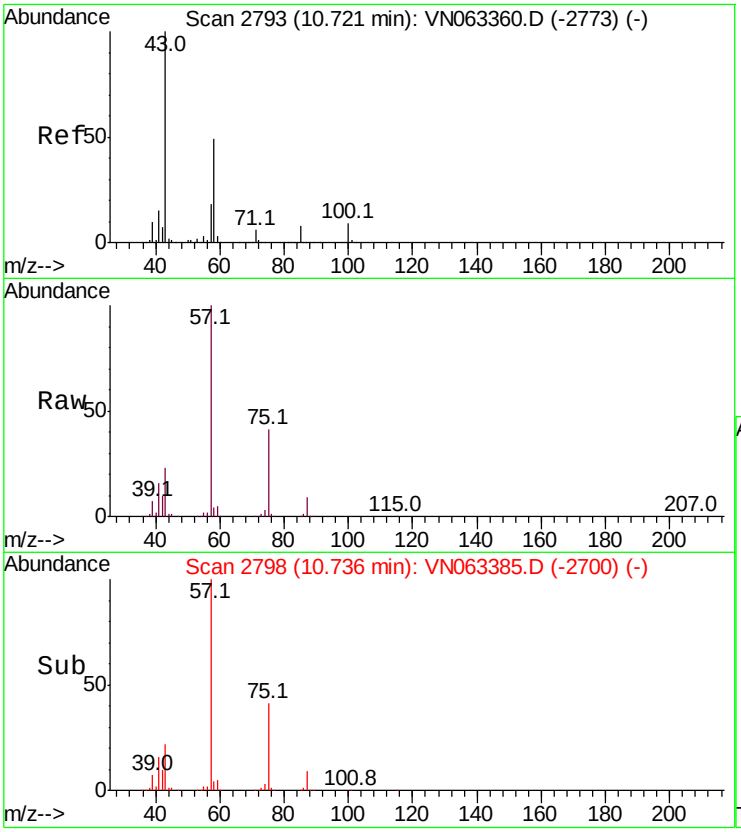


#57
1,3-Dichloropropane
Concen: 1.041 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.06 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Tgt Ion: 76 Resp: 5790

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#



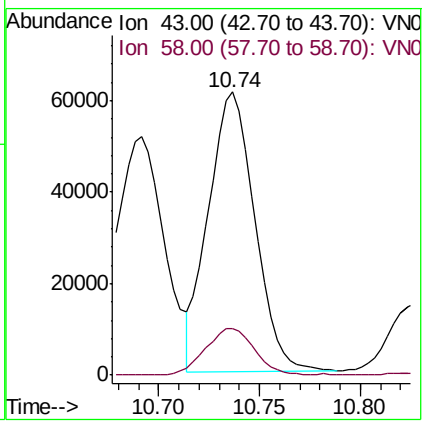


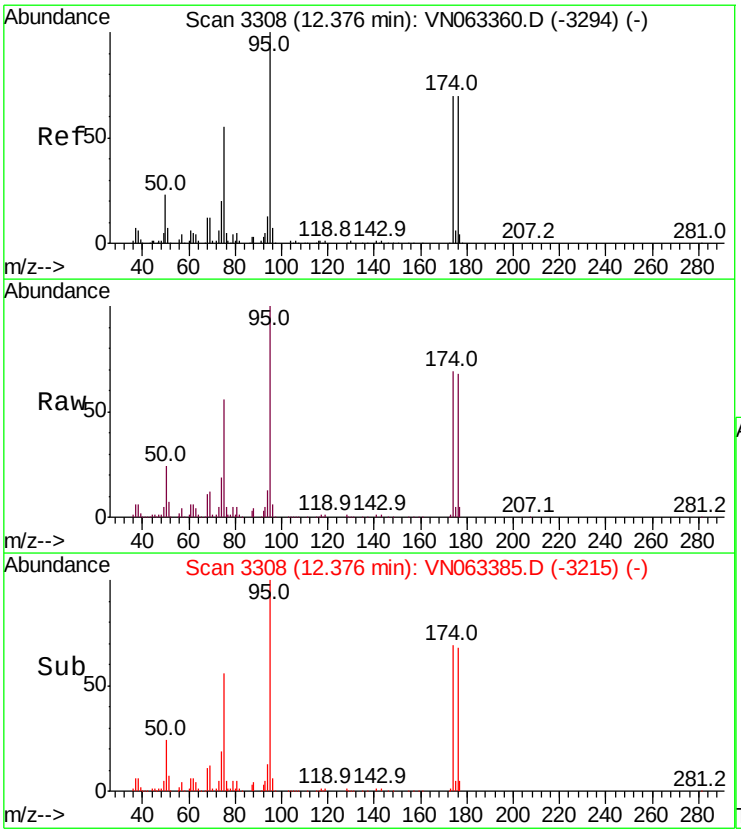
#59
2-Hexanone
Concen: 30.415 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#12

Tgt Ion: 43 Resp: 97966

Ion	Ratio	Lower	Upper
43	100		
58	17.7	24.7	74.1#

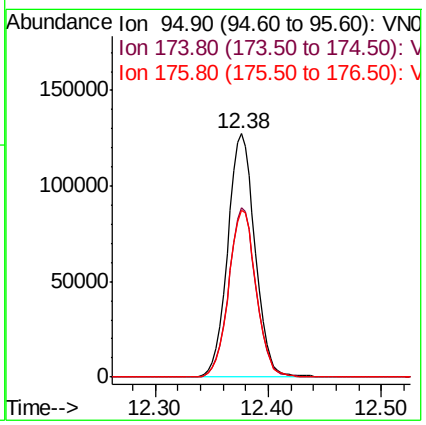


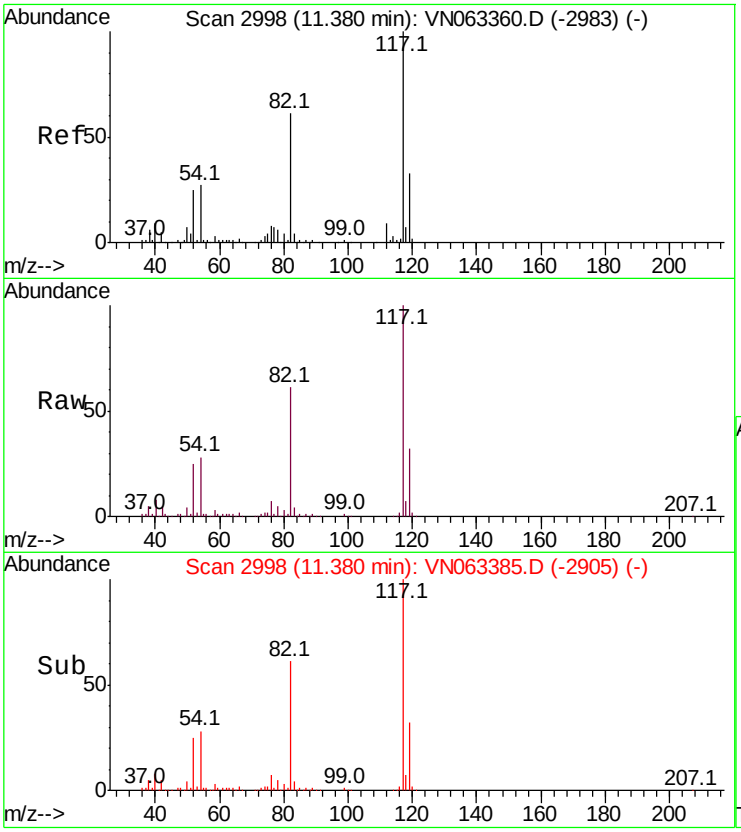


#62
4-Bromofluorobenzene
Concen: 52.825 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Tgt Ion: 95 Resp: 214116

Ion	Ratio	Lower	Upper
95	100		
174	69.2	0.0	140.8
176	68.6	0.0	137.6



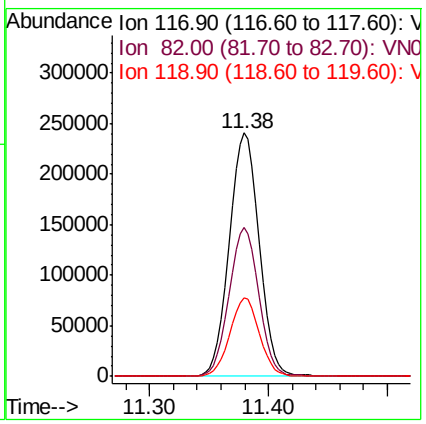


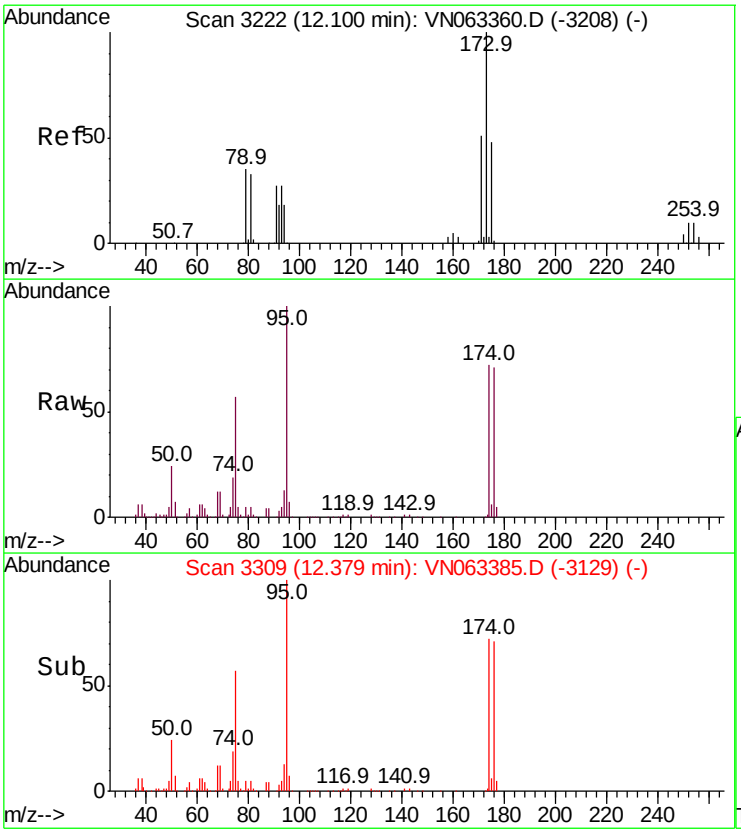
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#12

Tgt Ion:117 Resp: 419230

Ion	Ratio	Lower	Upper
117	100		
82	60.9	49.2	73.8
119	32.1	26.2	39.4

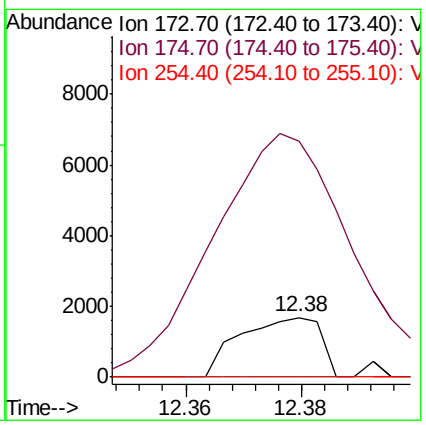


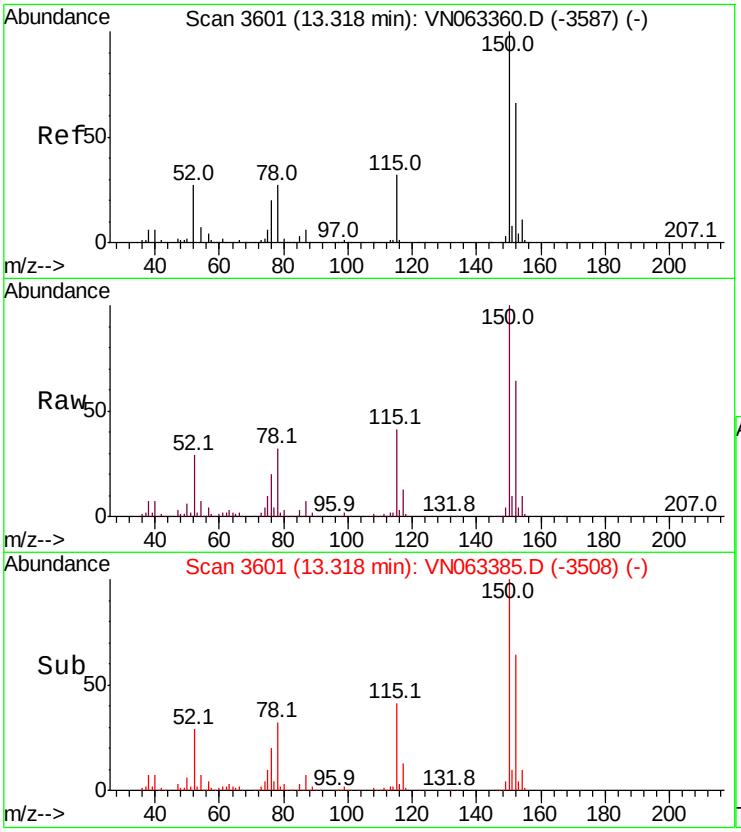


#71
Bromoform
Concen: 0.672 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.28 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Tgt Ion:173 Resp: 1633

Ion	Ratio	Lower	Upper
173	100		
175	586.3	24.0	72.0#
254	0.0	0.0	0.0



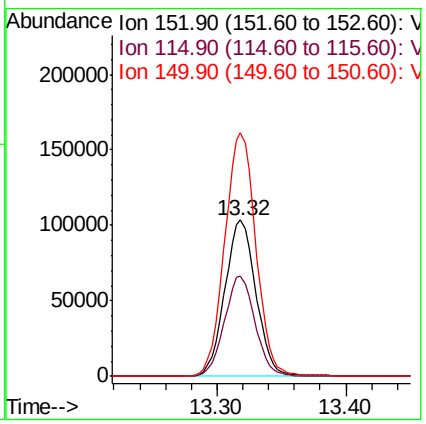


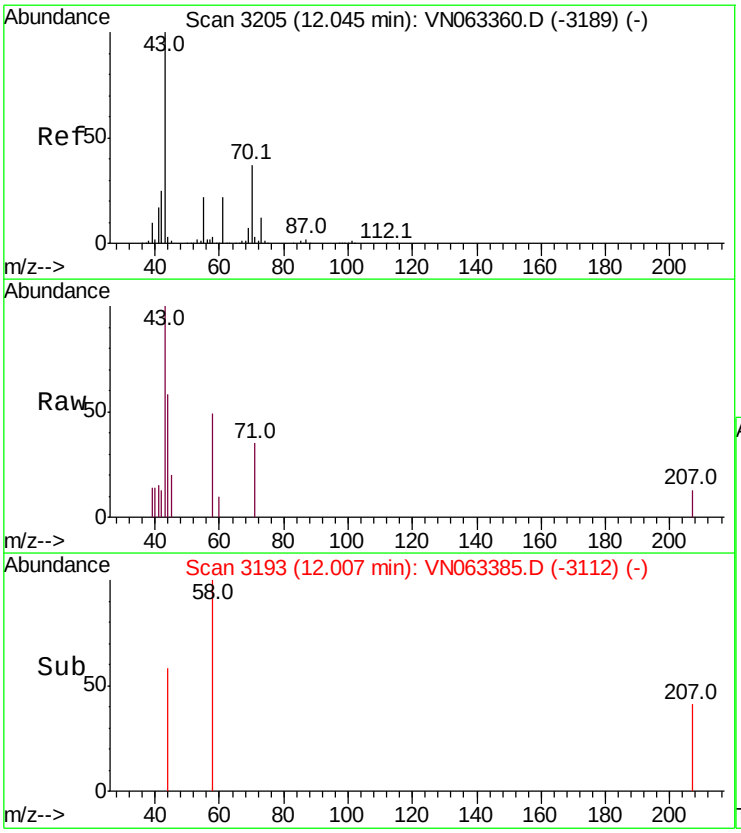
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#12

Tgt Ion:152 Resp: 173139

Ion	Ratio	Lower	Upper
152	100		
115	63.5	32.2	96.6
150	156.9	0.0	343.4

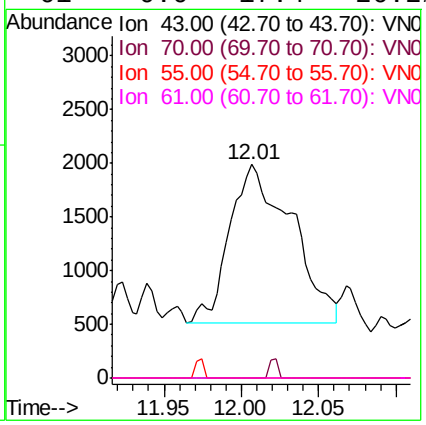


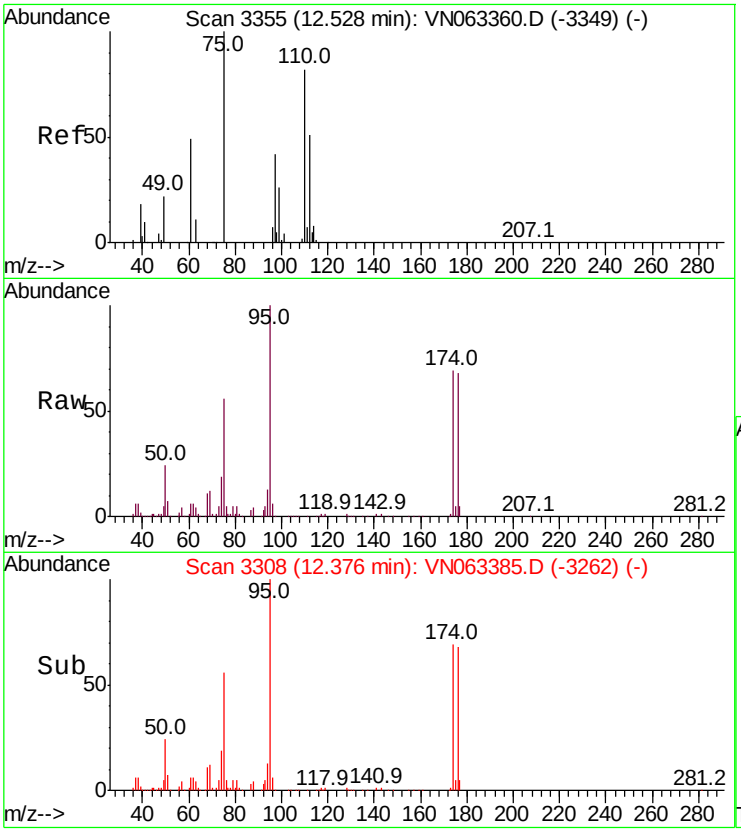


#74
N-amyl acetate
Concen: 0.625 ug/l
RT: 12.01 min Scan# 3193
Delta R.T. -0.04 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Tgt Ion: 43 Resp: 4104

Ion	Ratio	Lower	Upper
43	100		
70	1.6	29.6	44.4#
55	0.0	17.7	26.5#
61	0.0	17.4	26.2#



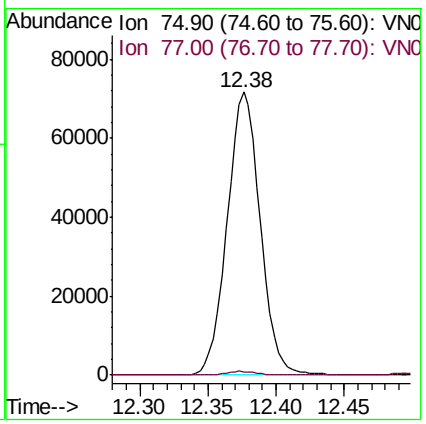


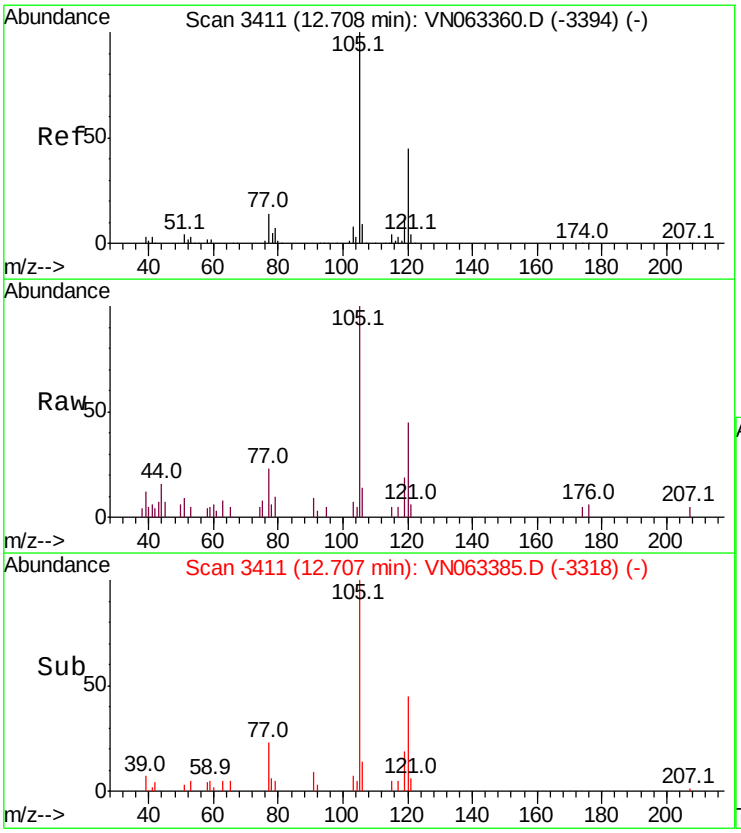
#76
1,2,3-Trichloropropane
Concen: 28.053 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#12

Tgt Ion: 75 Resp: 120218

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

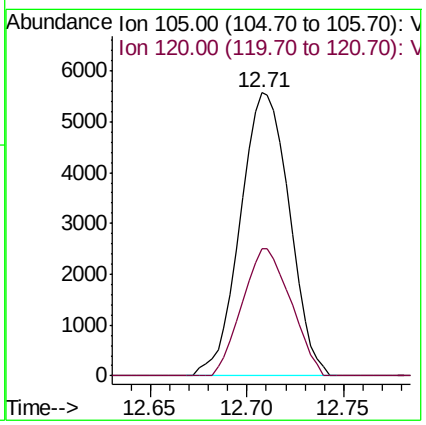


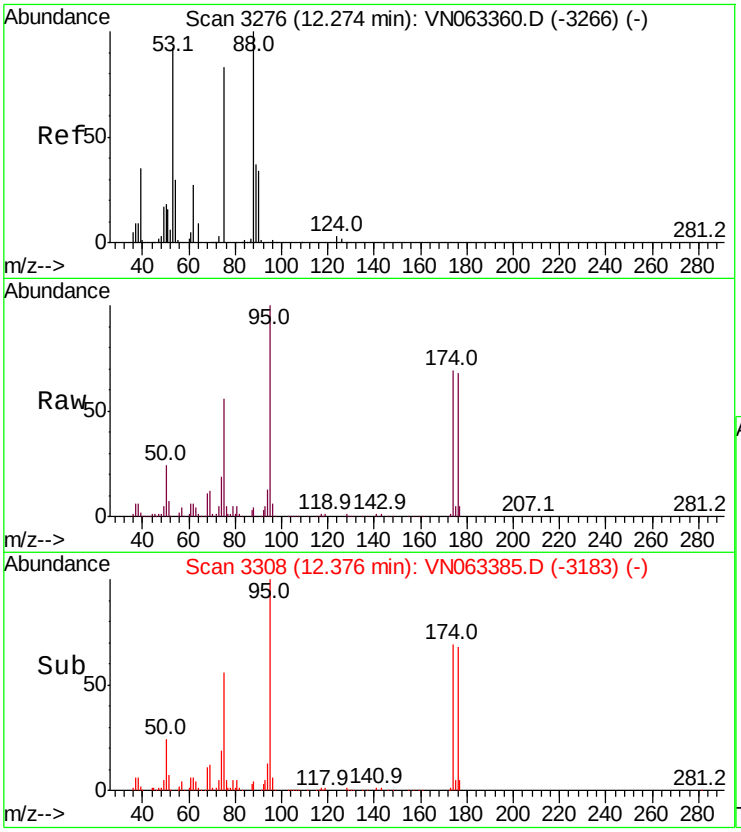


#80
1,3,5-Trimethylbenzene
Concen: 0.848 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. -0.00 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Tgt Ion:105 Resp: 9816

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.9	68.8



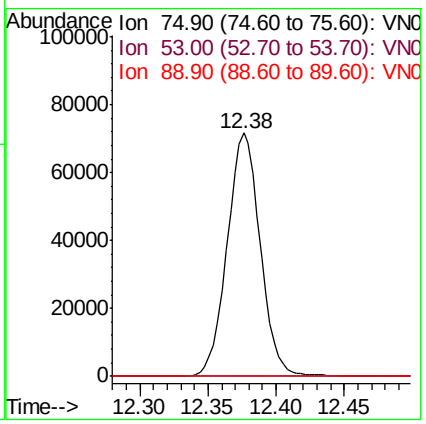


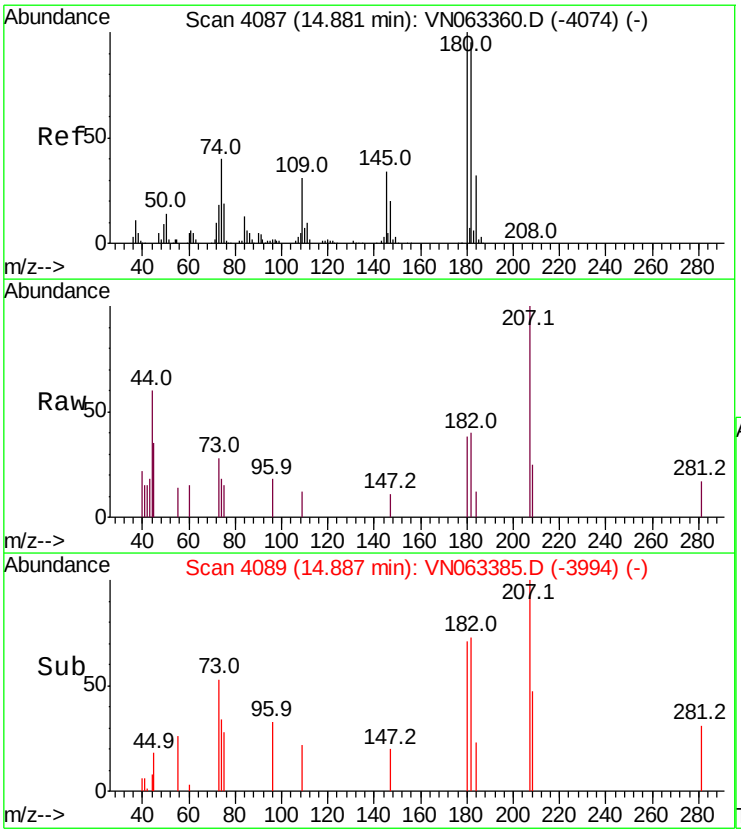
#81
trans-1,4-Dichloro-2-butene
Concen: 76.910 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#12

Tgt Ion: 75 Resp: 120218

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.7	128.5#
89	0.0	38.0	57.0#

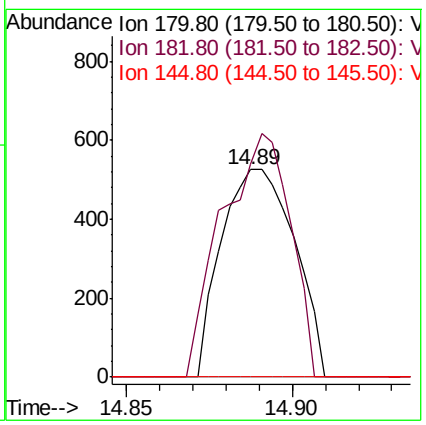


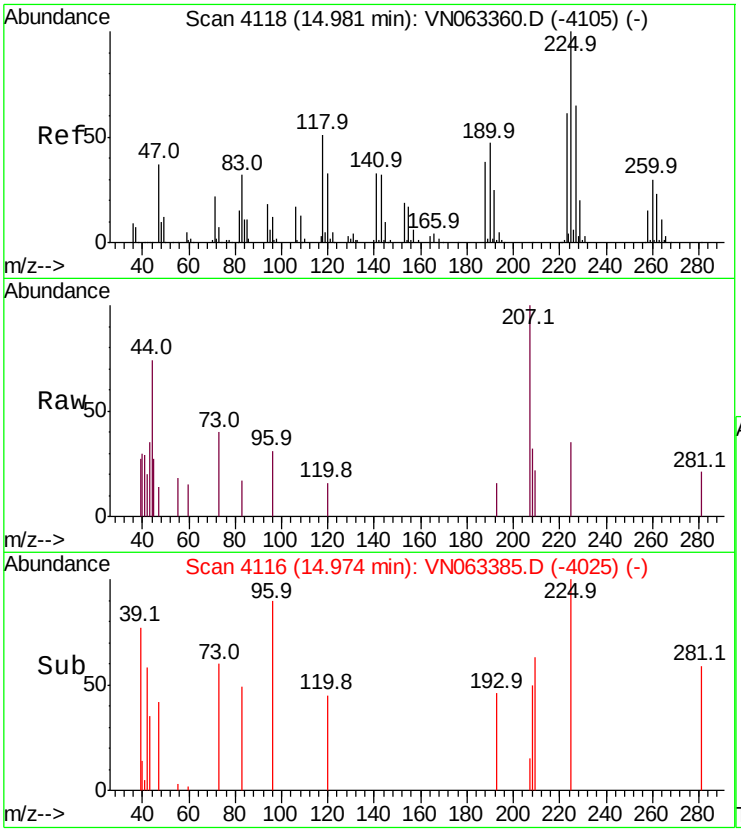


#93
1,2,4-Trichlorobenzene
Concen: 0.242 ug/l
RT: 14.89 min Scan# 4089
Delta R.T. 0.01 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Tgt Ion:180 Resp: 809

Ion	Ratio	Lower	Upper
180	100		
182	109.3	47.3	142.0
145	0.0	16.6	49.7#



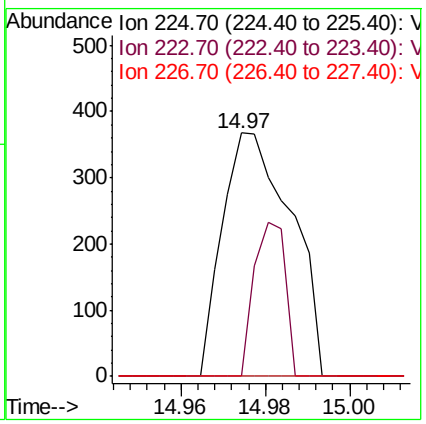


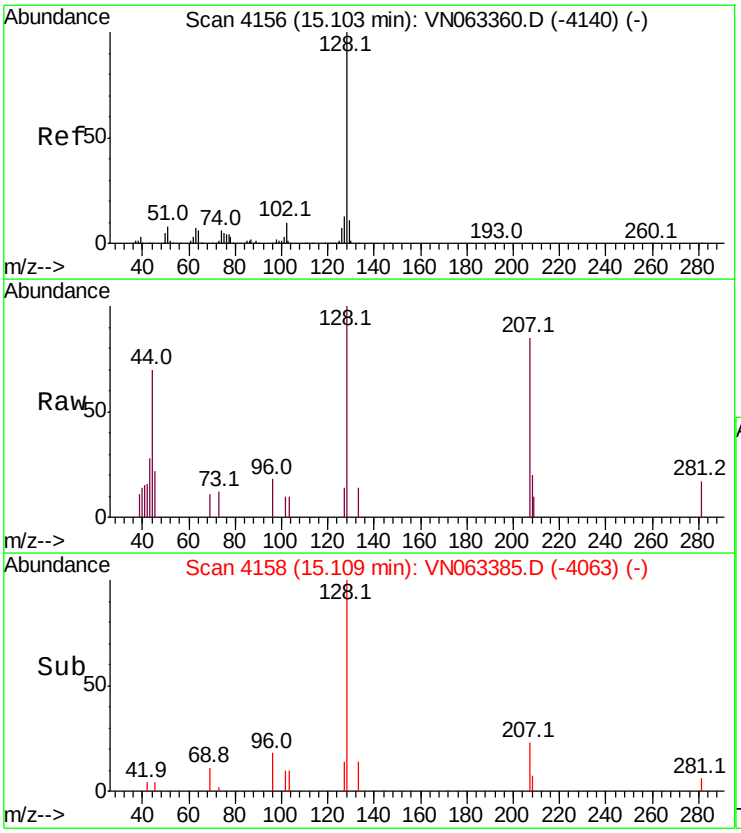
#94
Hexachlorobutadiene
Concen: 0.302 ug/l
RT: 14.97 min Scan# 4116
Delta R.T. -0.01 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#12

Tgt Ion:225 Resp: 418

Ion	Ratio	Lower	Upper
225	100		
223	28.7	30.6	91.6#
227	0.0	31.2	93.6#





#95
Naphthalene
Concen: 0.272 ug/l
RT: 15.11 min Scan# 4158
Delta R.T. 0.01 min
Lab File: VN063385.D
Acq: 17 Sep 2020 00:16

Tgt Ion:128 Resp: 3009

Ion	Ratio	Lower	Upper
128	100		
127	8.8	10.6	15.8#
129	2.4	8.8	13.2#