Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091620\
Data File : VN063368.D
Acq On : 16 Sep 2020 16:43
Operator : JC/MD
Sample : PB131646ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB131646ZHE#01

Quant Time: Sep 17 04:06:26 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	248749	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	459300	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	453002	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189269	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	198896	46.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.94%				
35) Dibromofluoromethane	7.55	113	147226	46.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.60%				
50) Toluene-d8	10.06	98	599679	50.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.32%				
62) 4-Bromofluorobenzene	12.38	95	241245	55.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.08%				
Target Compounds							Qvalue
13) Acrolein	3.50	56	61	0.281	ug/l	#	13
16) Acetone	3.78	43	12833	9.430	ug/l	#	88
18) Methyl Acetate	4.29	43	5371	1.555	ug/l	#	89
20) Methylene Chloride	4.51	84	8816	2.557	ug/l	#	97
25) 2-Butanone	6.79	43	1302	0.622	ug/l		96
29) Tetrahydrofuran	7.16	42	1079	0.755	ug/l	#	64
31) Cyclohexane	7.63	56	7159	1.224	ug/l	#	6
36) 1,1-Dichloropropene	7.62	75	22805	4.661	ug/l	#	52
38) Carbon Tetrachloride	7.62	117	28295	5.665	ug/l	#	18
43) Isopropyl Acetate	8.13	43	107658	12.537	ug/l		99
45) 1,2-Dichloropropane	9.24	63	2025	0.532	ug/l	#	43
48) Methyl methacrylate	9.14	41	5580	1.323	ug/l	#	15
49) 1,4-Dioxane	9.24	88	131	2.164	ug/l	#	1
51) 4-Methyl-2-Pentanone	9.95	43	9861	2.051	ug/l		88
54) cis-1,3-Dichloropropene	9.87	75	45113	7.375	ug/l	#	61
57) 1,3-Dichloropropane	10.73	76	7246	1.205	ug/l	#	42
59) 2-Hexanone	10.74	43	113966	32.722	ug/l	#	53
71) Bromoform	12.38	173	2297	0.875	ug/l	#	1
74) N-amyl acetate	12.00	43	3930	0.547	ug/l	#	50
76) 1,2,3-Trichloropropane	12.38	75	135280	28.877	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.71	105	4733	0.374	ug/l		95
81) trans-1,4-Dichloro-2-buten	12.38	75	135280	79.170	ug/l	#	7

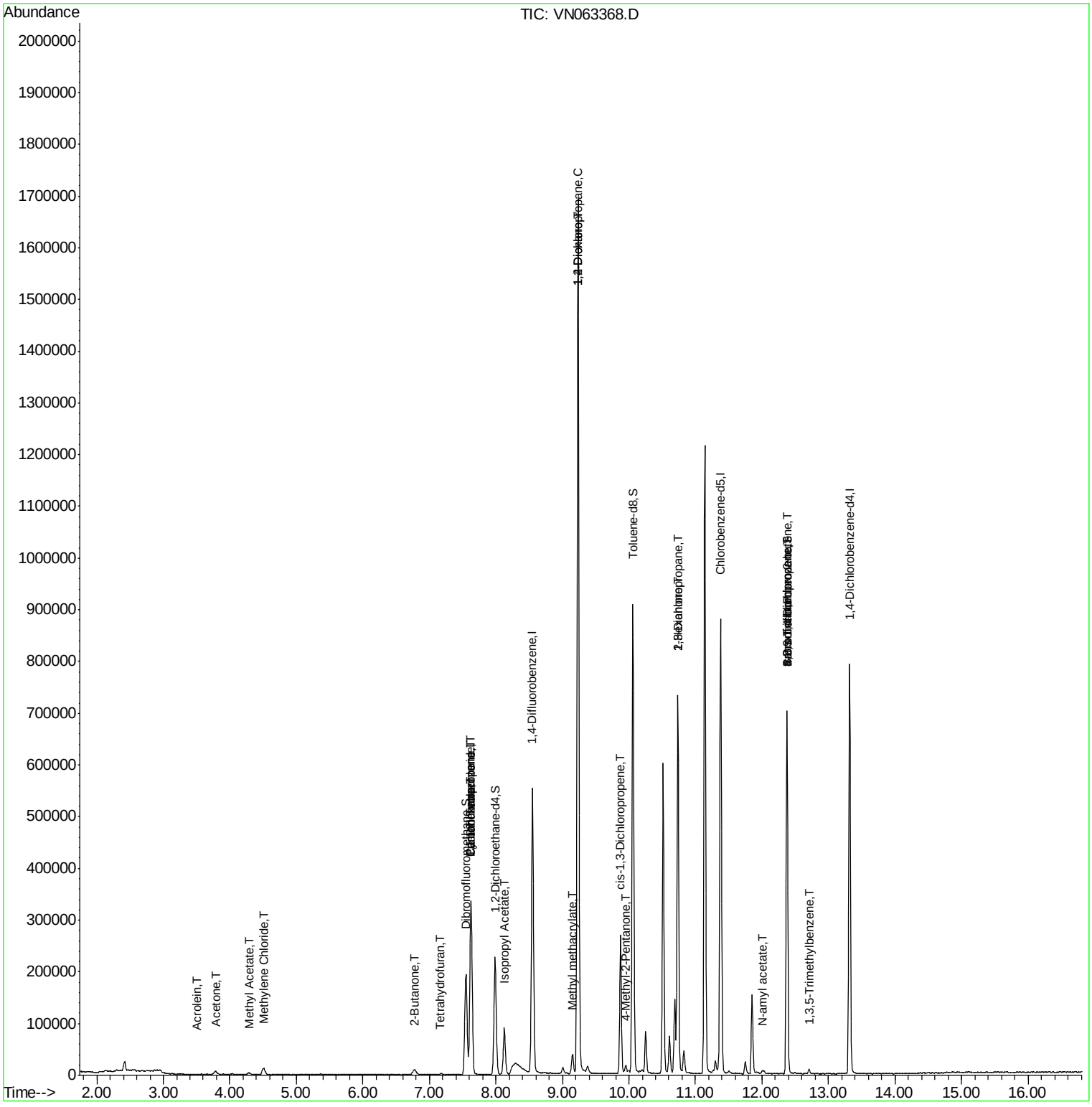
(#) = qualifier out of range (m) = manual integration (+) = signals summed

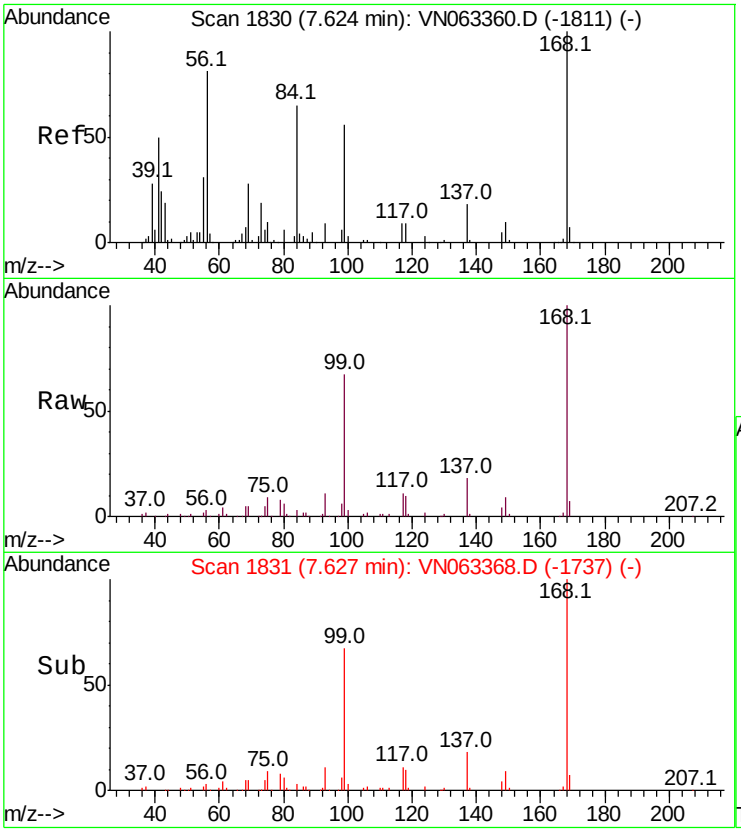
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091620\
Data File : VN063368.D
Acq On : 16 Sep 2020 16:43
Operator : JC/MD
Sample : PB131646ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB131646ZHE#01

Quant Time: Sep 17 04:06:26 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



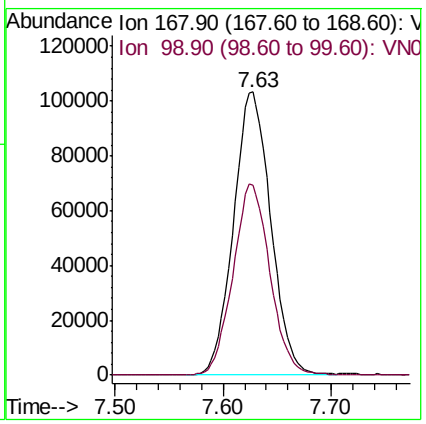


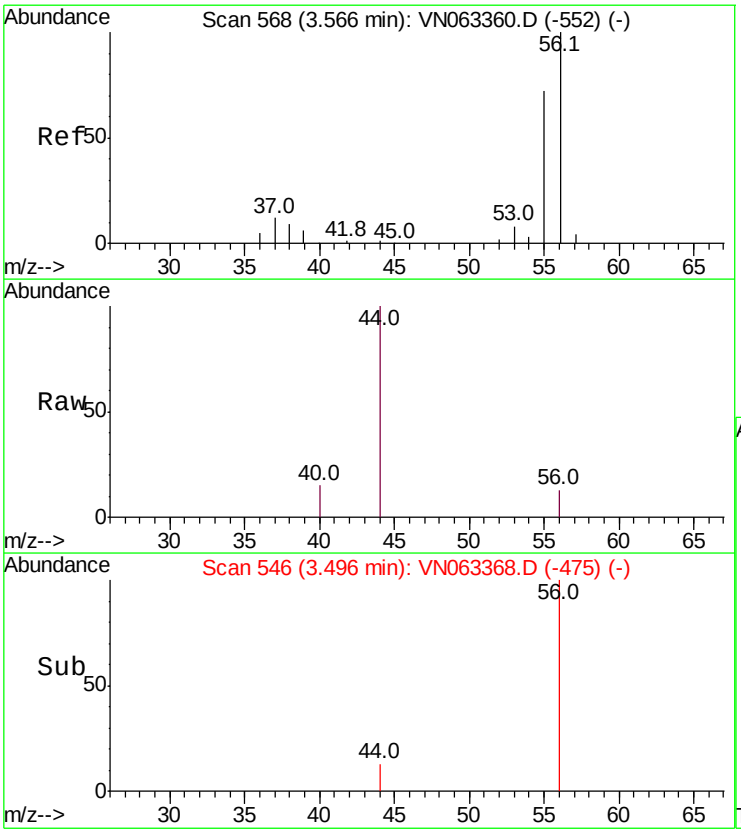
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#01

Tgt Ion:168 Resp: 248749

Ion	Ratio	Lower	Upper
168	100		
99	67.0	53.0	79.6

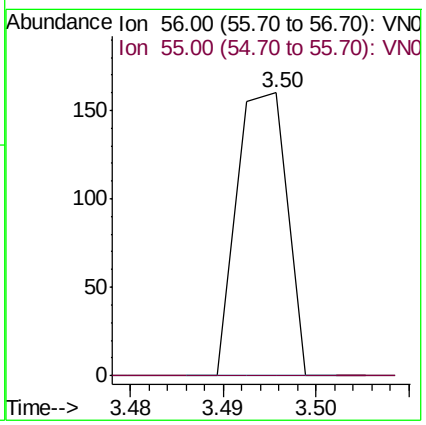


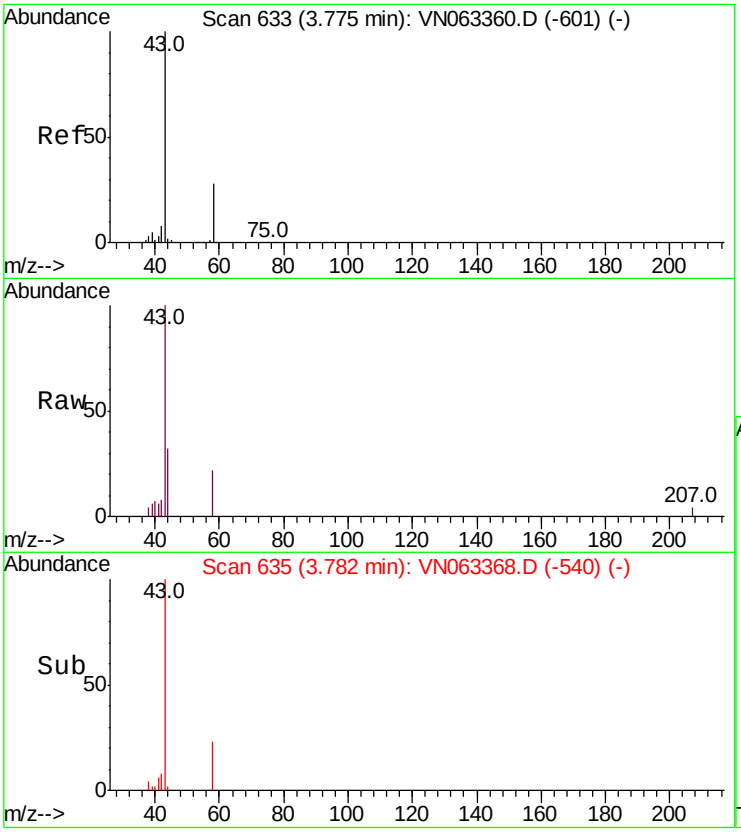


#13
Acrolein
Concen: 0.281 ug/l
RT: 3.50 min Scan# 546
Delta R.T. -0.07 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Tgt Ion: 56 Resp: 61

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.2	87.2#



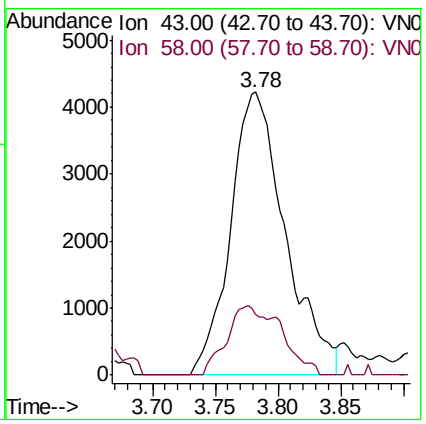


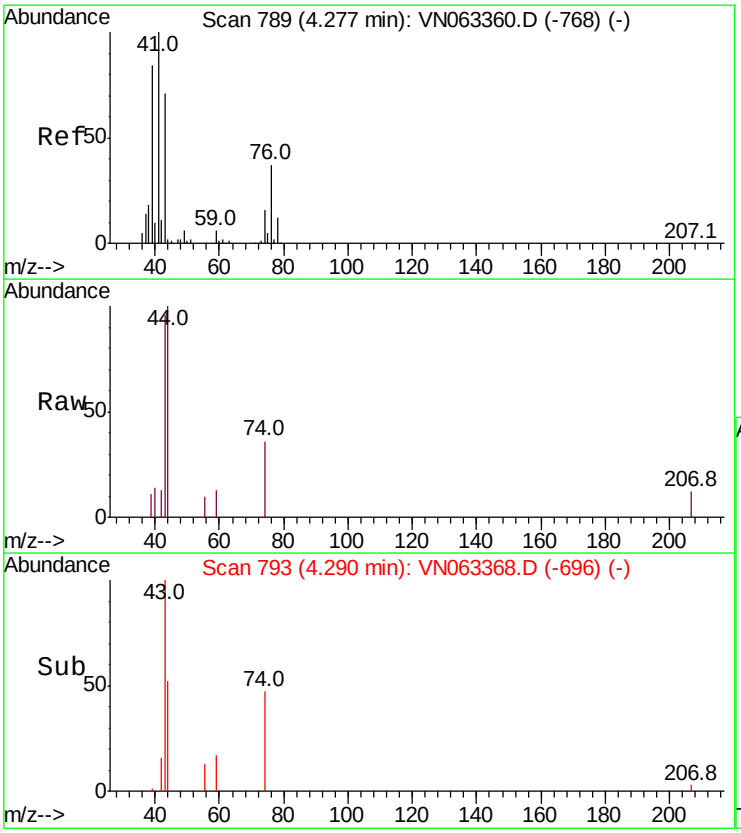
#16
Acetone
Concen: 9.430 ug/l
RT: 3.78 min Scan# 635
Delta R.T. 0.01 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#01

Tgt Ion: 43 Resp: 12833

Ion	Ratio	Lower	Upper
43	100		
58	21.5	22.3	33.5#

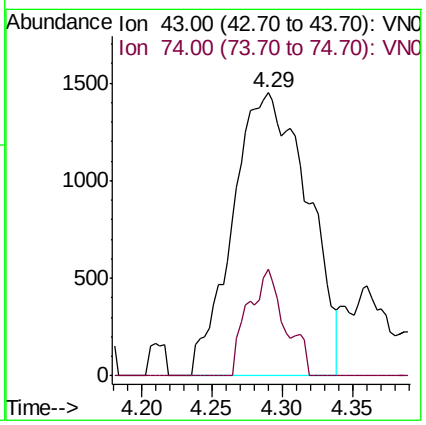


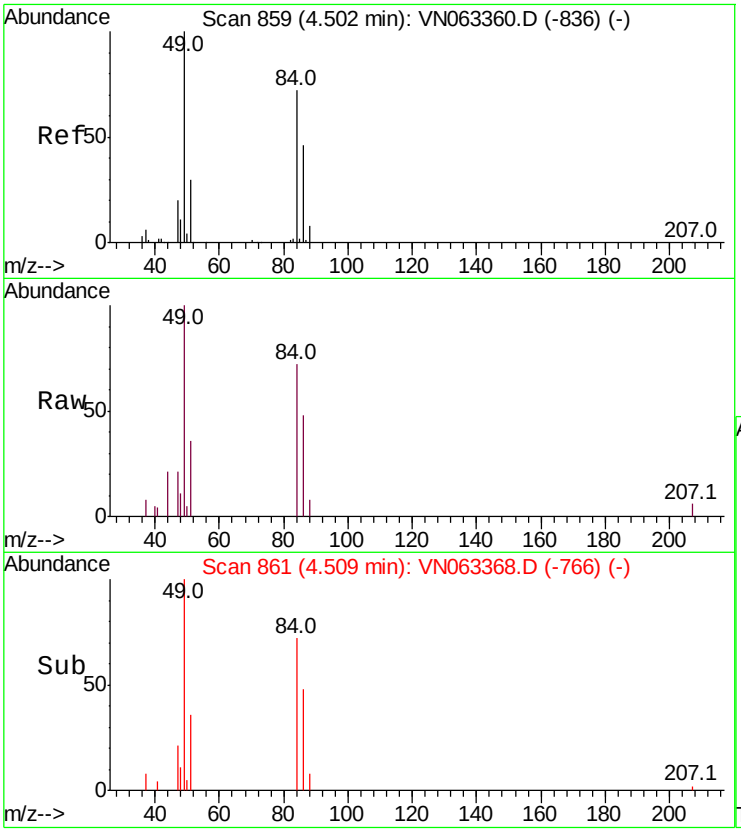


#18
Methyl Acetate
Concen: 1.555 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Tgt Ion: 43 Resp: 5371

Ion	Ratio	Lower	Upper
43	100		
74	16.5	17.4	26.2#



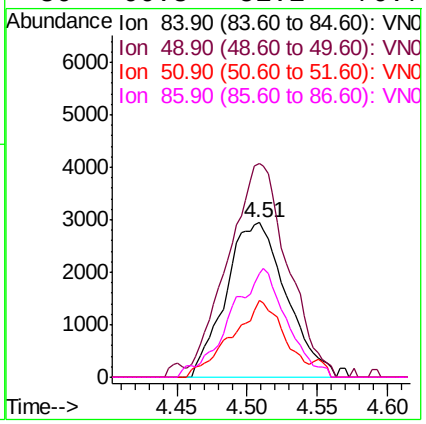


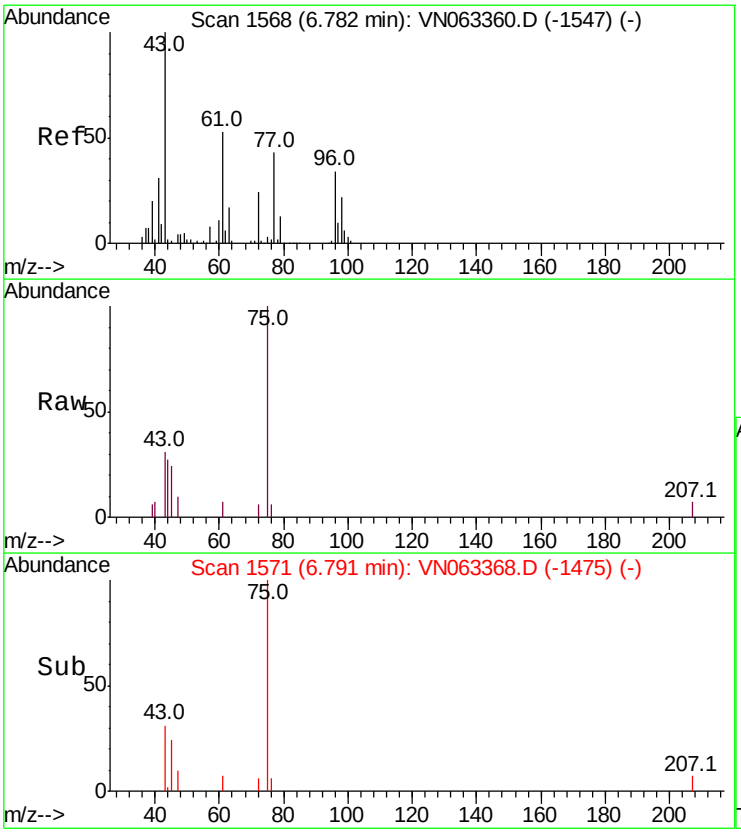
#20
Methylene Chloride
Concen: 2.557 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Instrument : MSVOA_N
ClientSampleId : PB131646ZHE#01

Tgt Ion: 84 Resp: 8816

Ion	Ratio	Lower	Upper
84	100		
49	138.1	110.7	166.1
51	49.7	32.9	49.3#
86	66.8	51.1	76.7

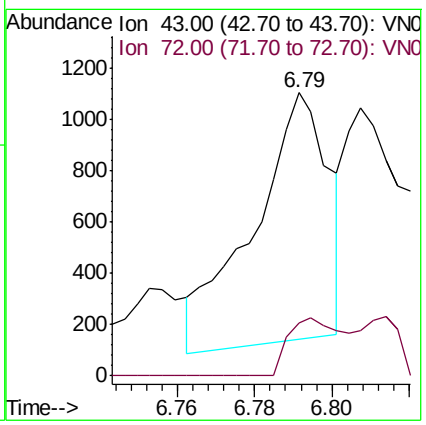


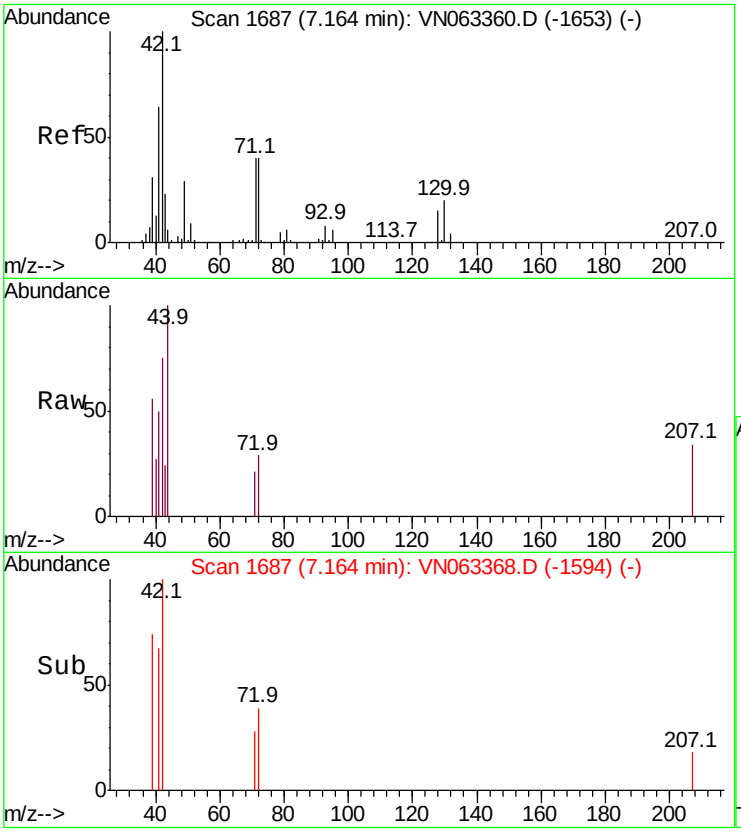


#25
2-Butanone
Concen: 0.622 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Tgt Ion: 43 Resp: 1302

Ion	Ratio	Lower	Upper
43	100		
72	26.1	19.2	28.8



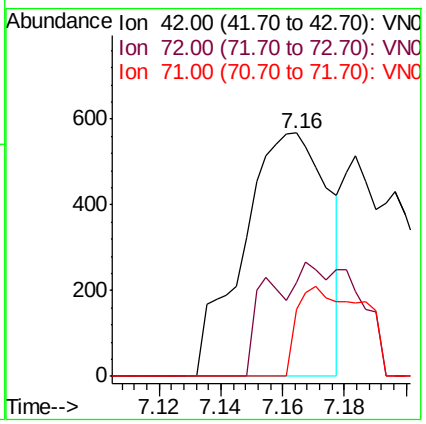


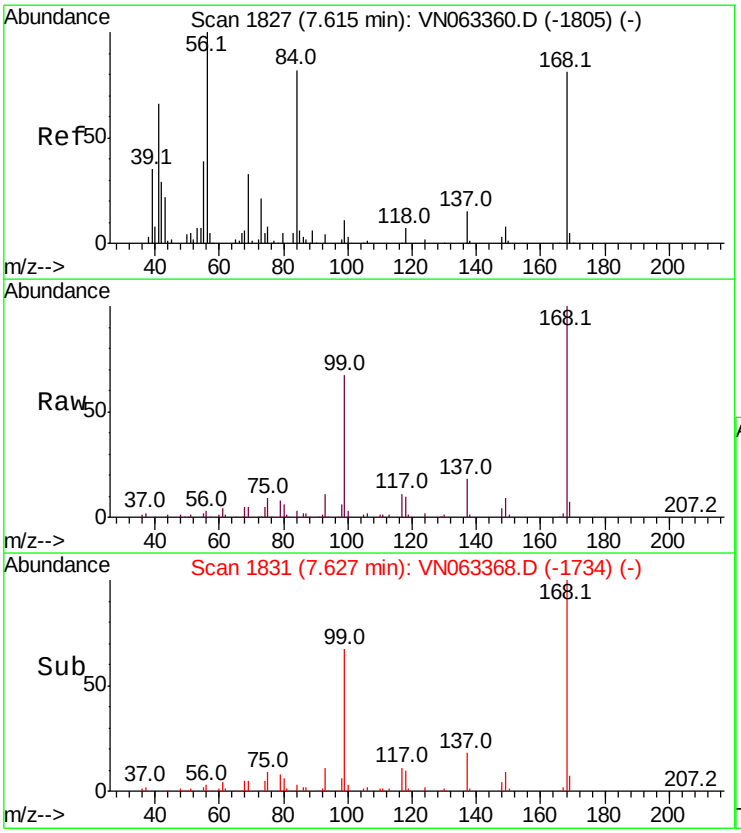
#29
Tetrahydrofuran
Concen: 0.755 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#01

Tgt Ion: 42 Resp: 1079

Ion	Ratio	Lower	Upper
42	100		
72	6.4	32.1	48.1#
71	28.5	31.2	46.8#

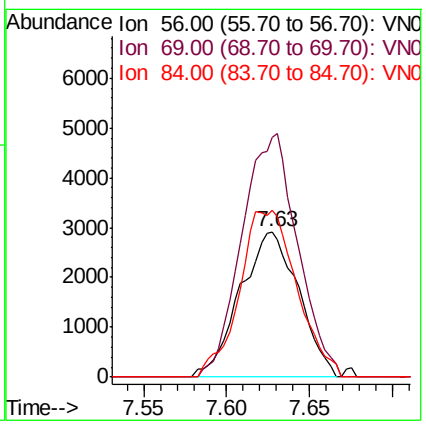


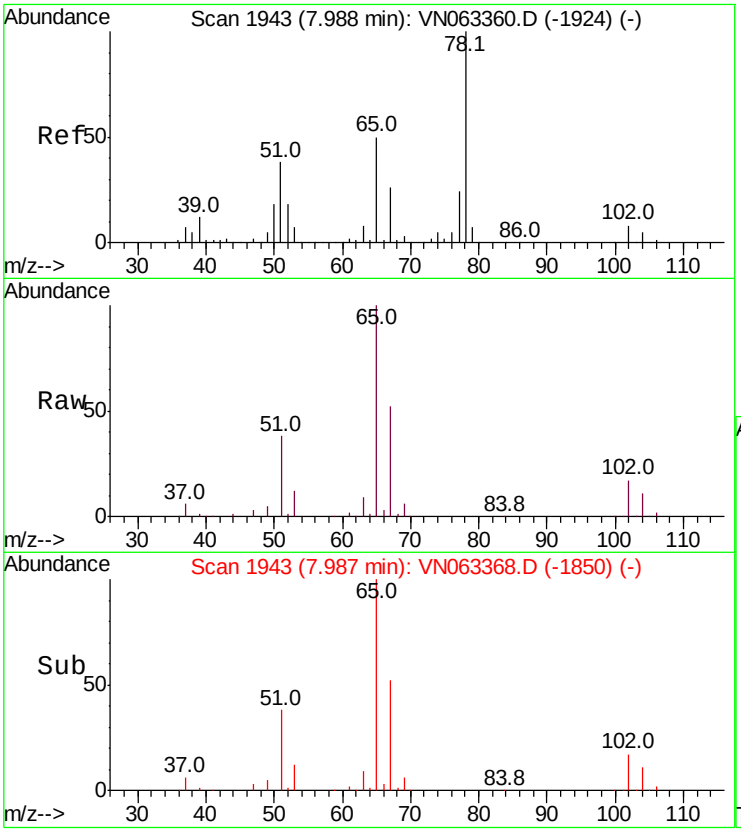


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Tgt Ion: 56 Resp: 7159

Ion	Ratio	Lower	Upper
56	100		
69	165.1	26.1	39.1#
84	115.0	65.4	98.2#



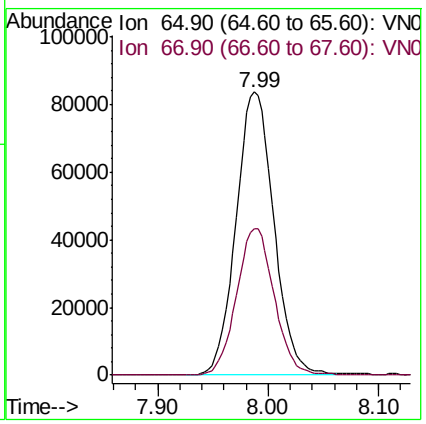


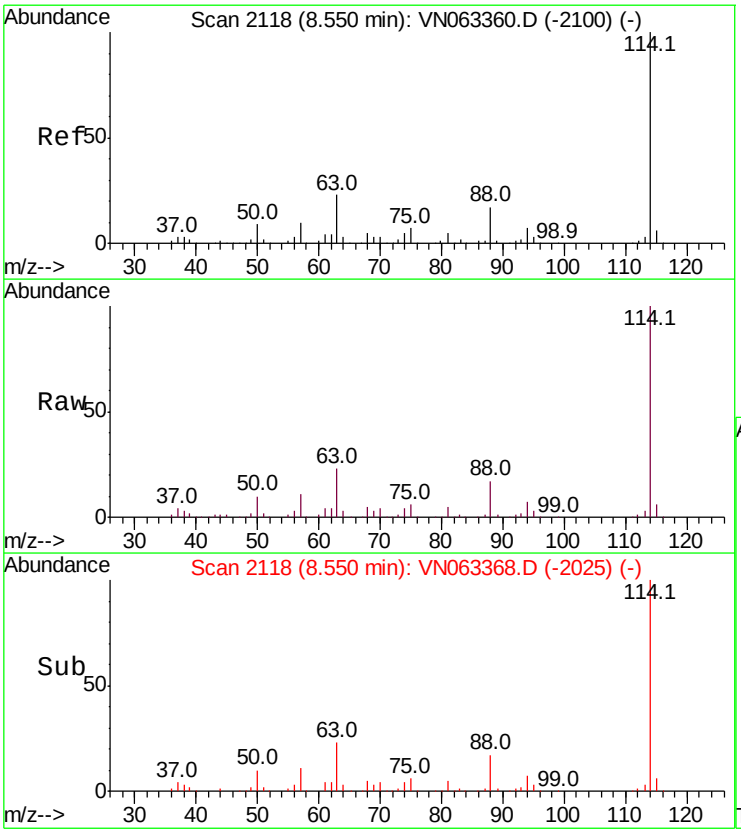
#33
1,2-Dichloroethane-d4
Concen: 46.972 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#01

Tgt Ion: 65 Resp: 198896

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.2

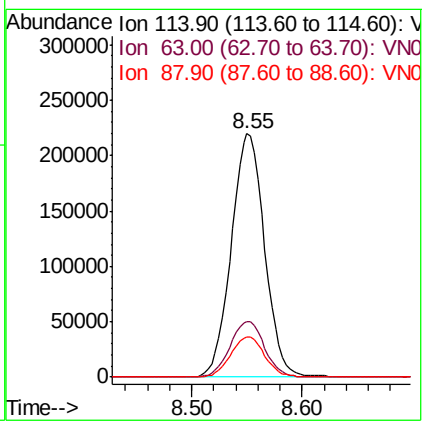


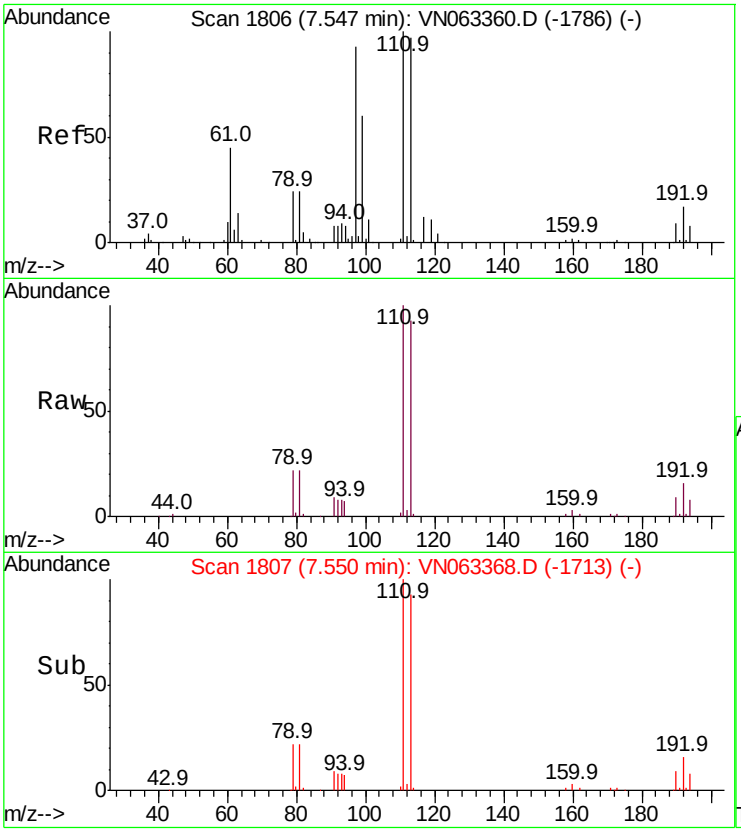


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Tgt Ion:114 Resp: 459300

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	46.4
88	16.6	0.0	33.2



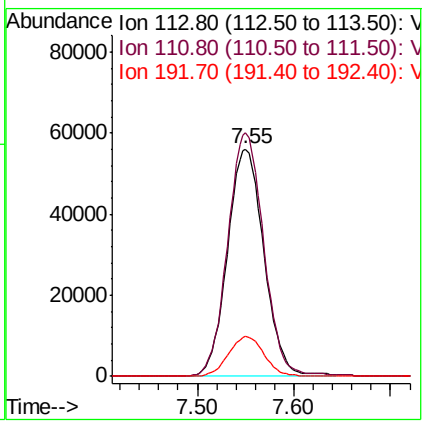


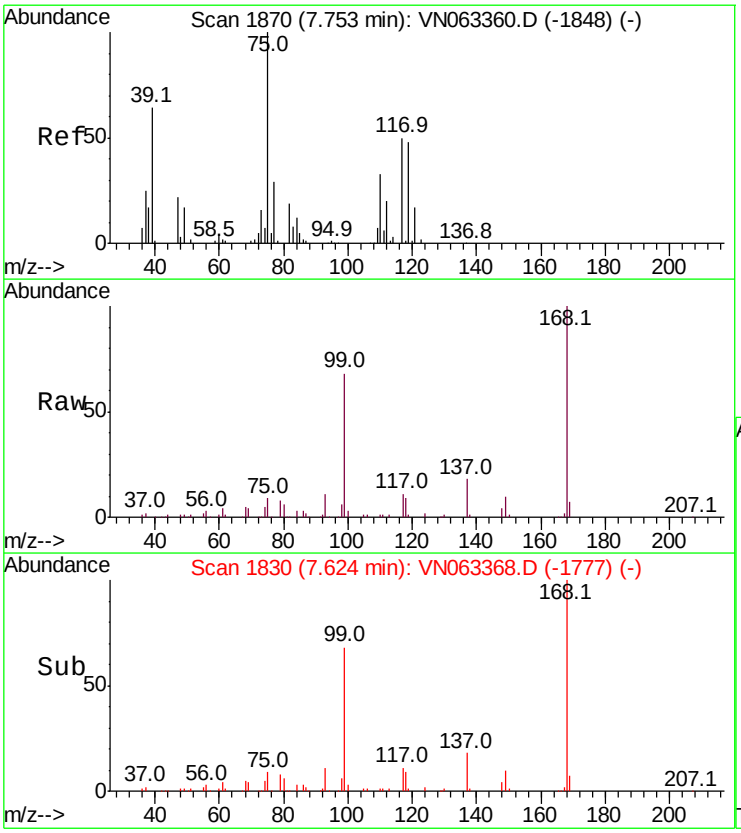
#35
Dibromofluoromethane
Concen: 46.303 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Instrument : MSVOA_N
ClientSampleId : PB131646ZHE#01

Tgt Ion:113 Resp: 147226

Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.9	124.3
192	17.1	13.9	20.9

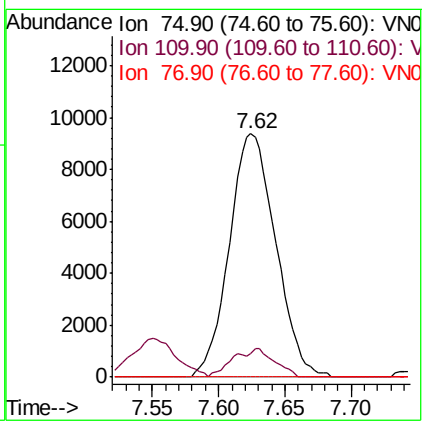


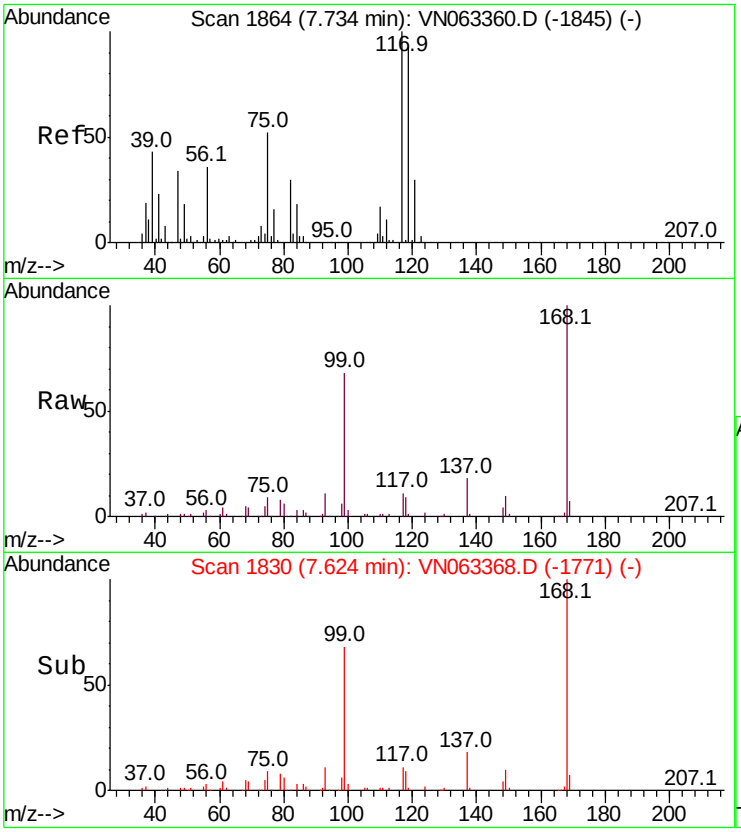


#36
1,1-Dichloropropene
Concen: 4.661 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Tgt Ion: 75 Resp: 22805

Ion	Ratio	Lower	Upper
75	100		
110	10.5	16.5	49.5#
77	0.0	24.6	36.8#



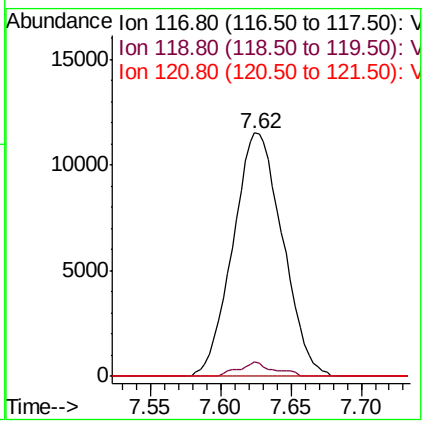


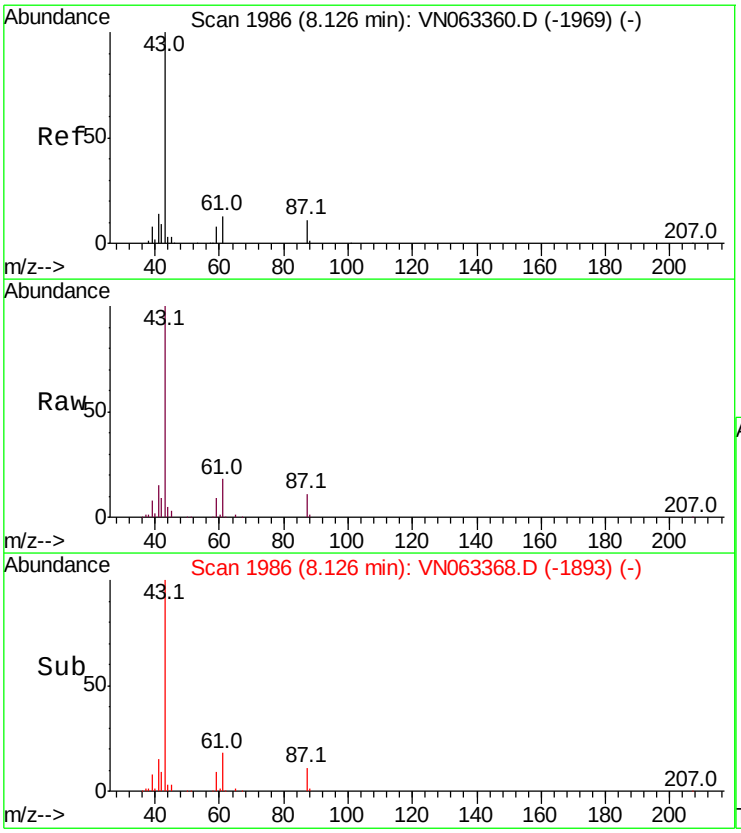
#38
Carbon Tetrachloride
Concen: 5.665 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Instrument : MSVOA_N
ClientSampleId : PB131646ZHE#01

Tgt Ion:117 Resp: 28295

Ion	Ratio	Lower	Upper
117	100		
119	6.0	74.5	111.7#
121	0.0	24.1	36.1#

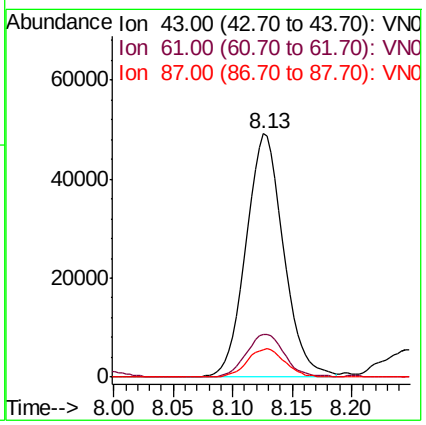


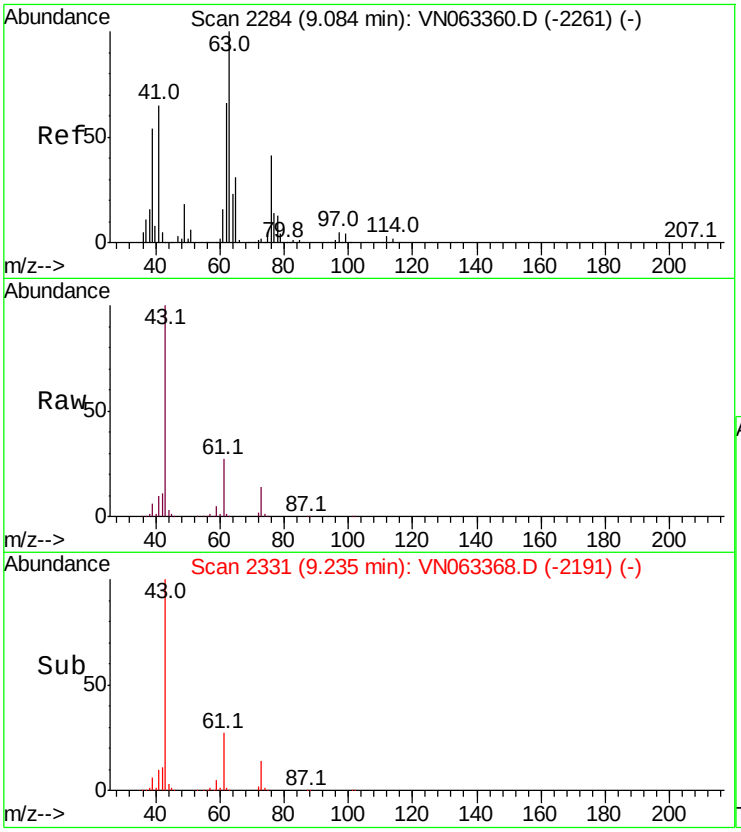


#43
Isopropyl Acetate
Concen: 12.537 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Tgt Ion: 43 Resp: 107658

Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.2	21.2
87	11.7	9.0	13.6



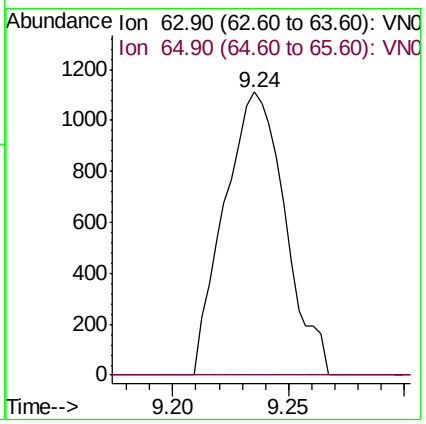


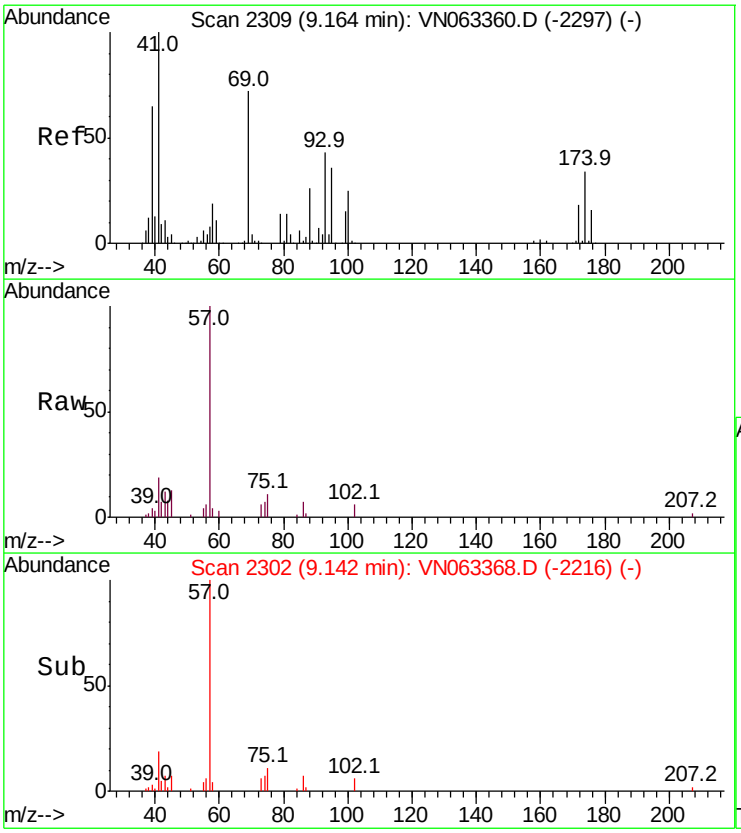
#45
1,2-Dichloropropane
Concen: 0.532 ug/l
RT: 9.24 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Instrument : MSVOA_N
ClientSampleId : PB131646ZHE#01

Tgt Ion: 63 Resp: 2025

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.6#

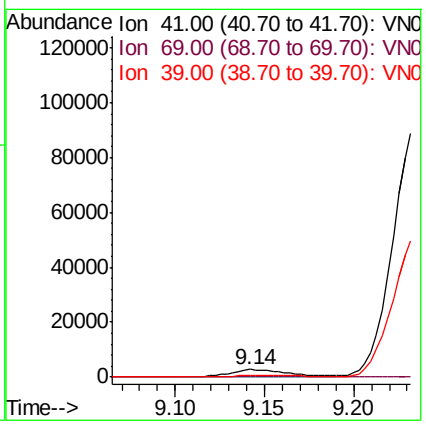


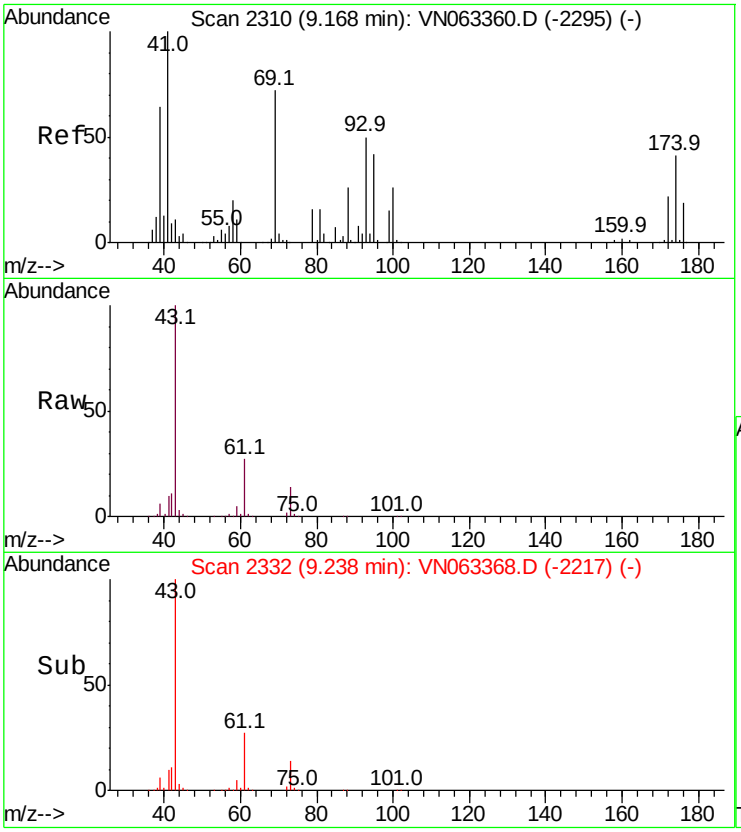


#48
Methyl methacrylate
Concen: 1.323 ug/l
RT: 9.14 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Tgt Ion: 41 Resp: 5580

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



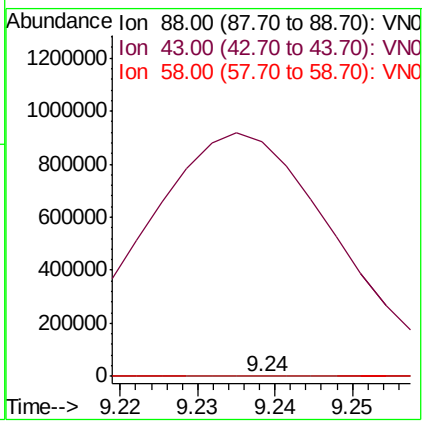


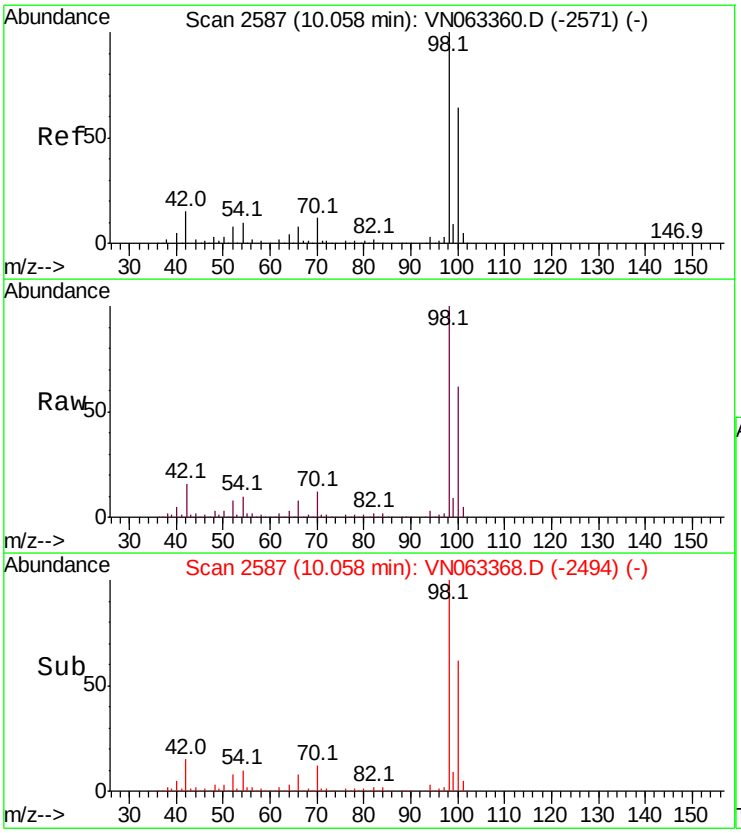
#49
1,4-Dioxane
Concen: 2.164 ug/l
RT: 9.24 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#01

Tgt Ion: 88 Resp: 131

Ion	Ratio	Lower	Upper
88	100		
43	1286509.2	32.6	49.0#
58	4782.4	60.0	90.0#

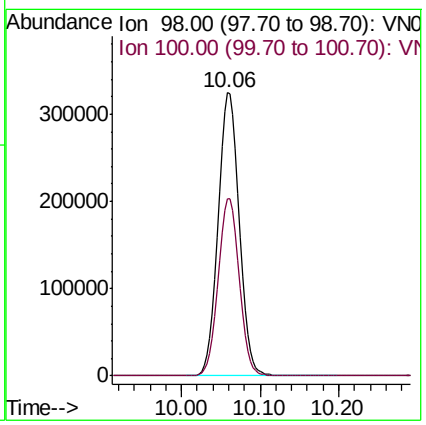


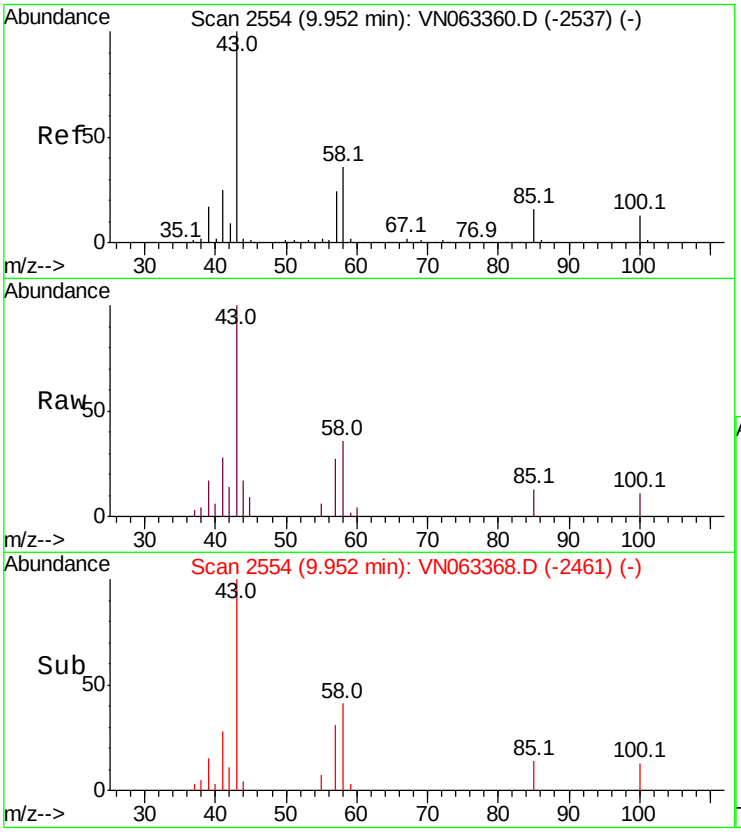


#50
Toluene-d8
Concen: 50.157 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Tgt Ion: 98 Resp: 599679

Ion	Ratio	Lower	Upper
98	100		
100	62.5	50.7	76.1



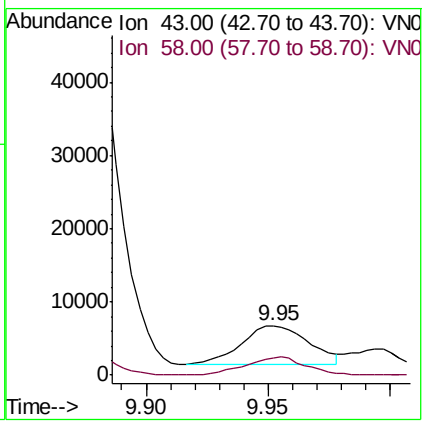


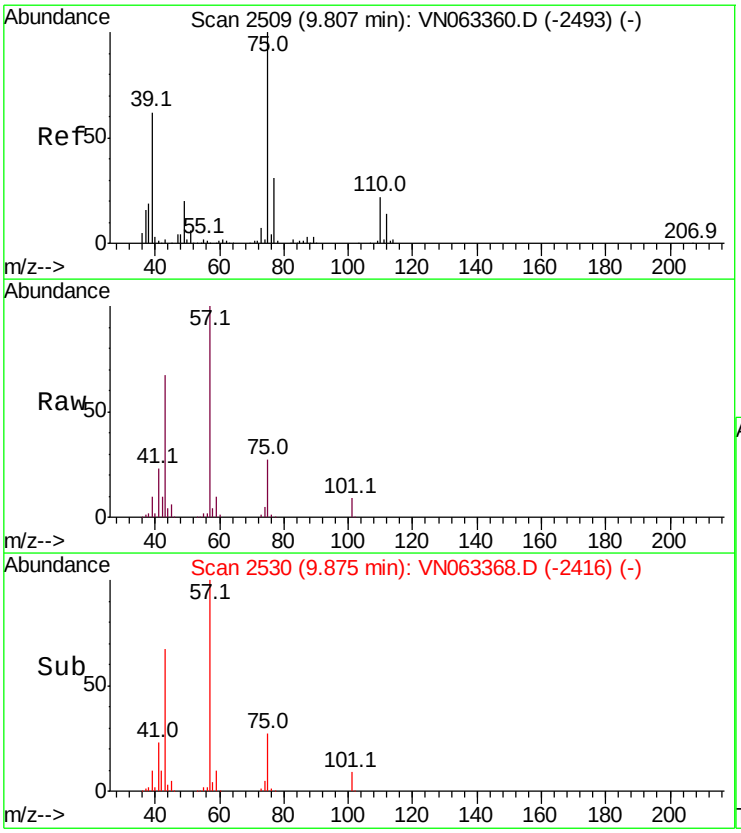
#51
4-Methyl-2-Pentanone
Concen: 2.051 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Instrument : MSVOA_N
ClientSampleId : PB131646ZHE#01

Tgt Ion: 43 Resp: 9861

Ion	Ratio	Lower	Upper
43	100		
58	43.5	29.0	43.6

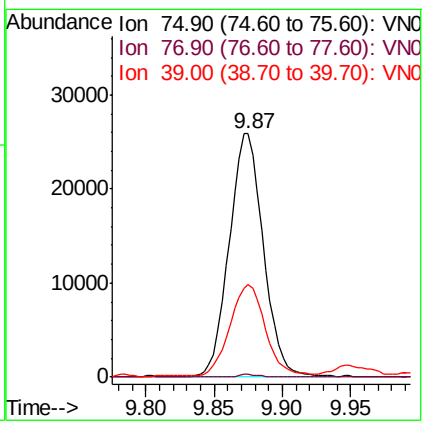


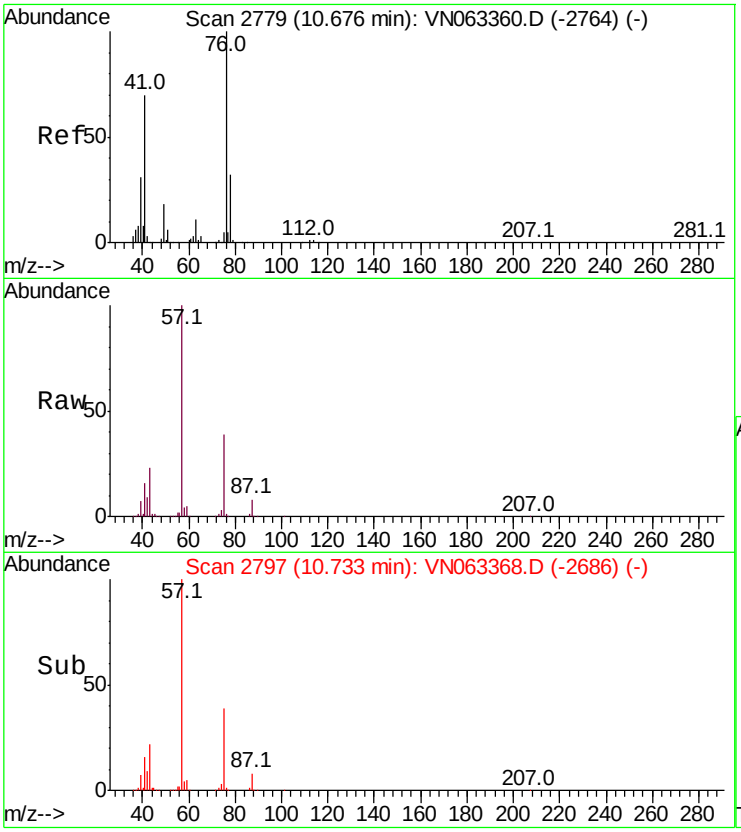


#54
cis-1,3-Dichloropropene
Concen: 7.375 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Tgt Ion: 75 Resp: 45113

Ion	Ratio	Lower	Upper
75	100		
77	1.0	24.6	37.0#
39	37.5	49.8	74.8#



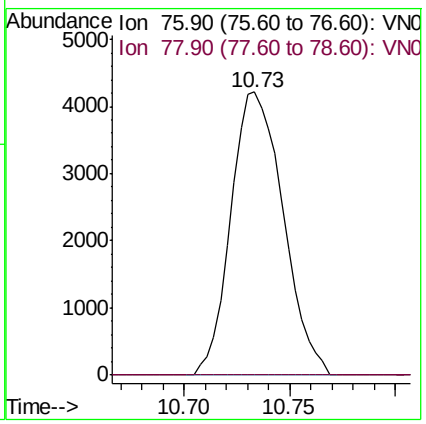


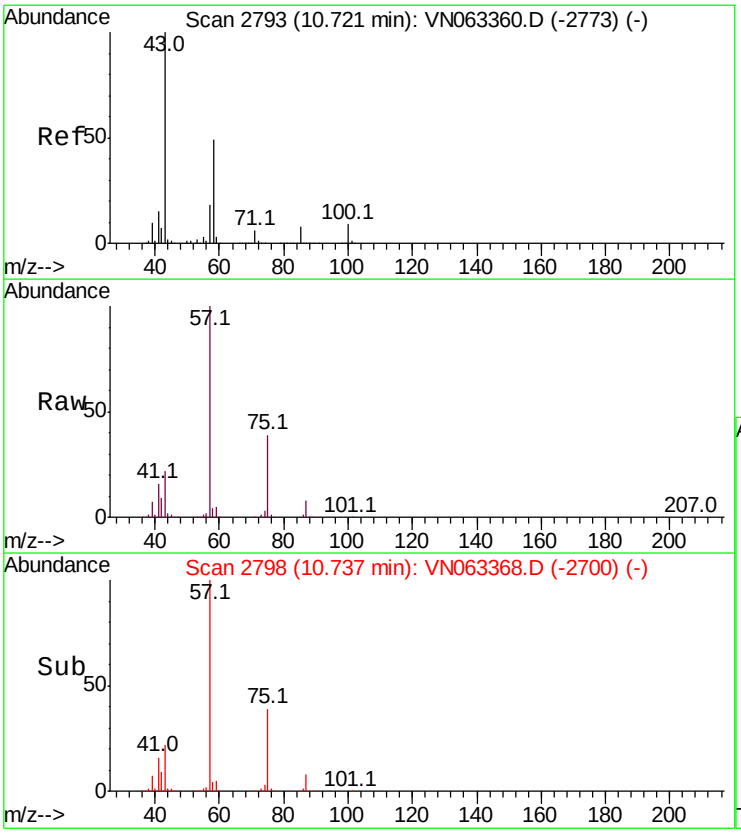
#57
1,3-Dichloropropane
Concen: 1.205 ug/l
RT: 10.73 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#01

Tgt Ion: 76 Resp: 7246

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

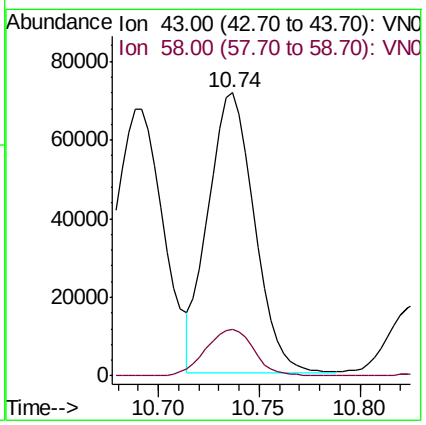


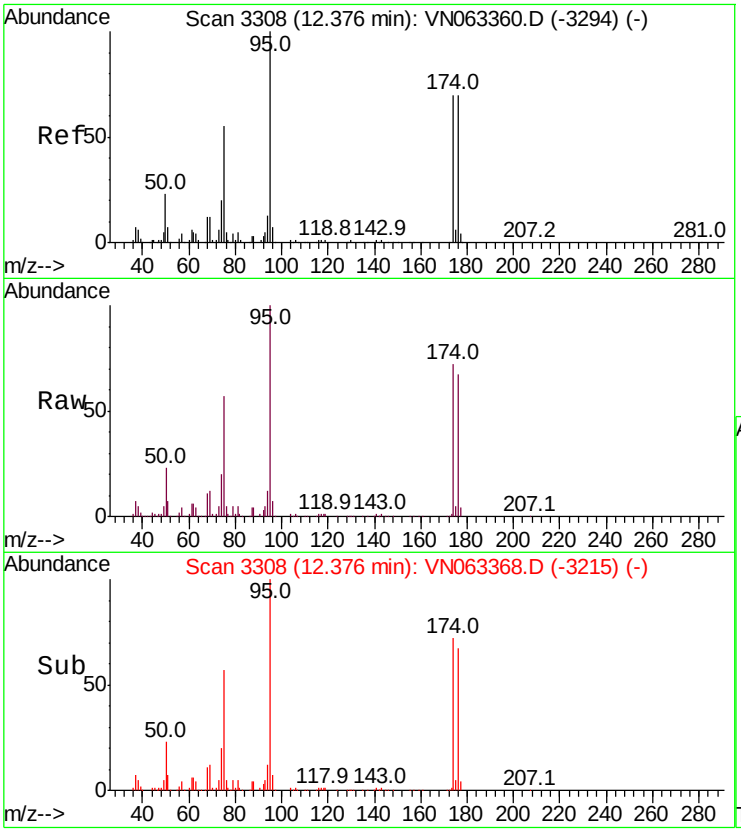


#59
2-Hexanone
Concen: 32.722 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Tgt Ion: 43 Resp: 113966

Ion	Ratio	Lower	Upper
43	100		
58	17.3	24.7	74.1#



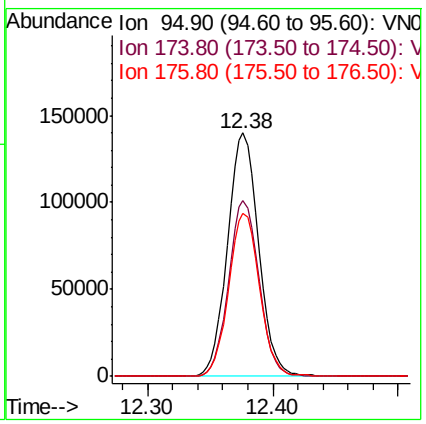


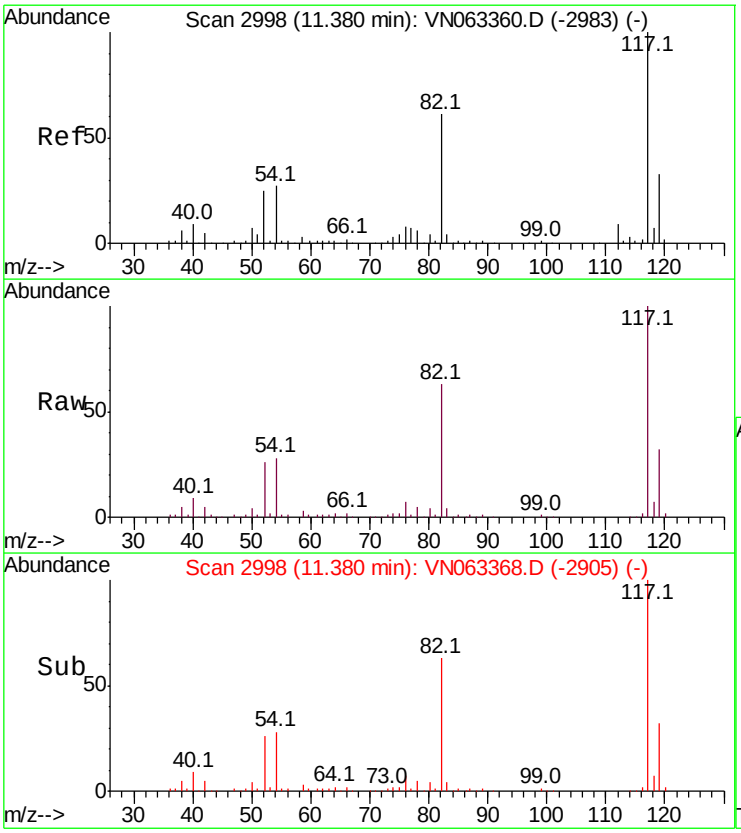
#62
4-Bromofluorobenzene
Concen: 55.043 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Instrument : MSVOA_N
ClientSampleId : PB131646ZHE#01

Tgt Ion: 95 Resp: 241245

Ion	Ratio	Lower	Upper
95	100		
174	70.5	0.0	140.8
176	66.7	0.0	137.6

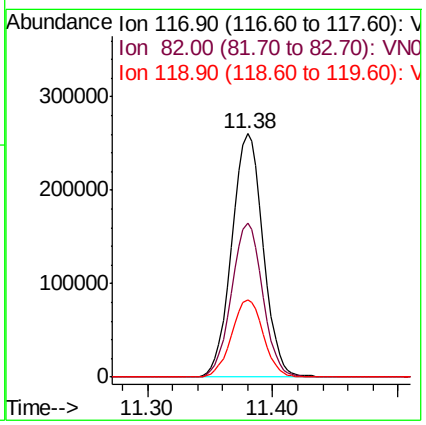


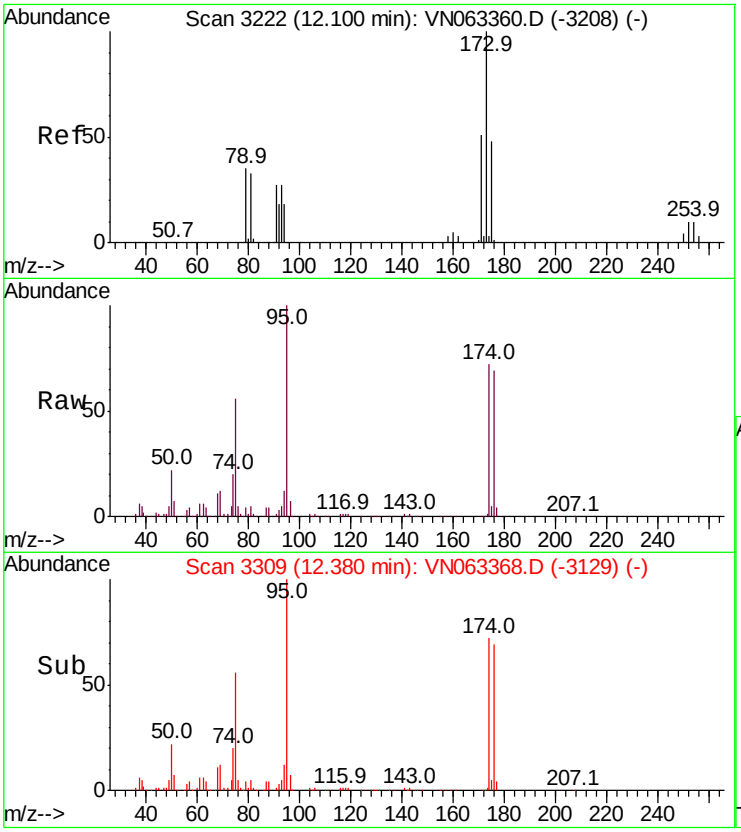


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Tgt Ion:117 Resp: 453002

Ion	Ratio	Lower	Upper
117	100		
82	63.0	49.2	73.8
119	32.0	26.2	39.4



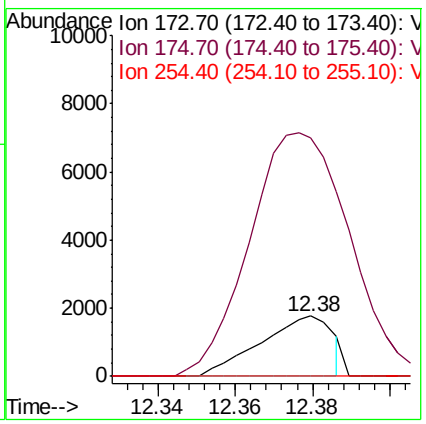


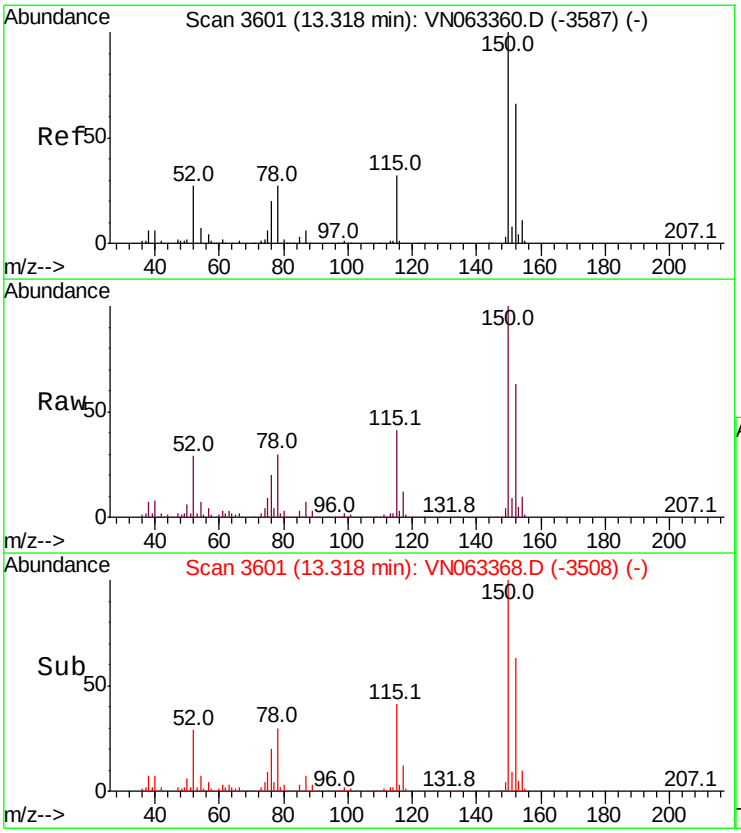
#71
Bromoform
Concen: 0.875 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.28 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#01

Tgt Ion:173 Resp: 2297

Ion	Ratio	Lower	Upper
173	100		
175	461.6	24.0	72.0#
254	0.0	0.0	0.0

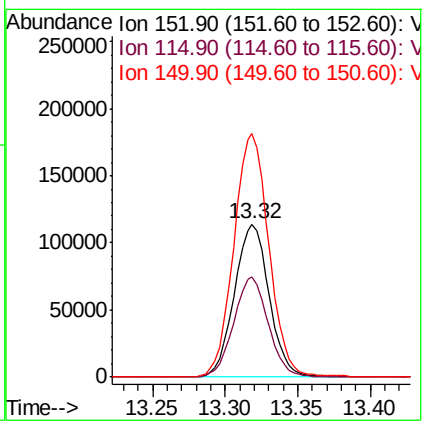


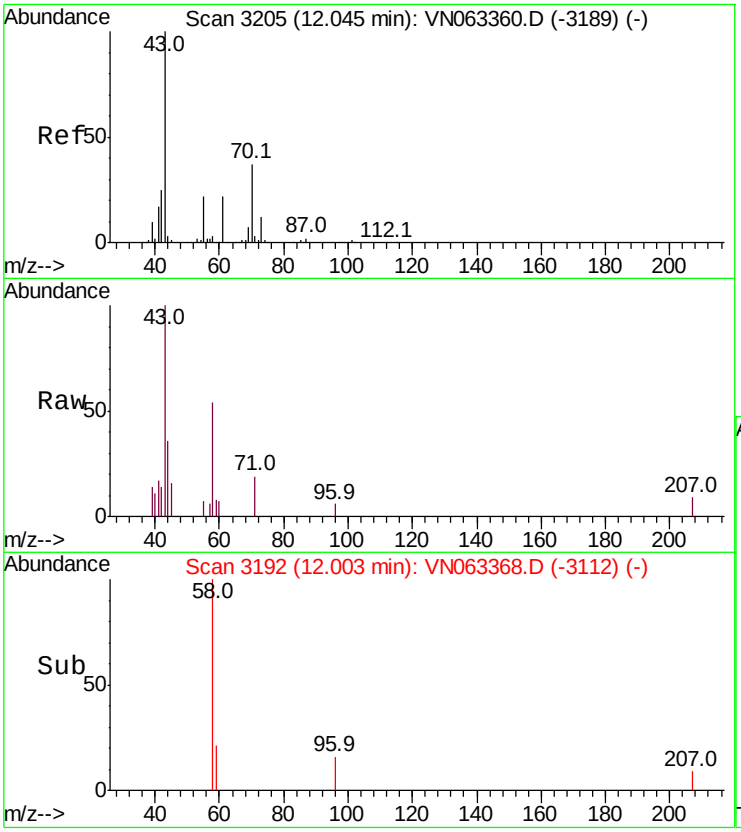


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Tgt Ion:152 Resp: 189269

Ion	Ratio	Lower	Upper
152	100		
115	64.8	32.2	96.6
150	160.9	0.0	343.4



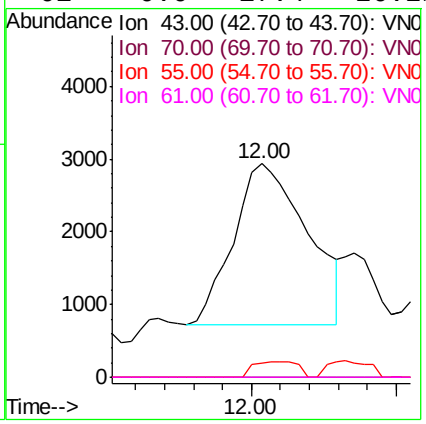


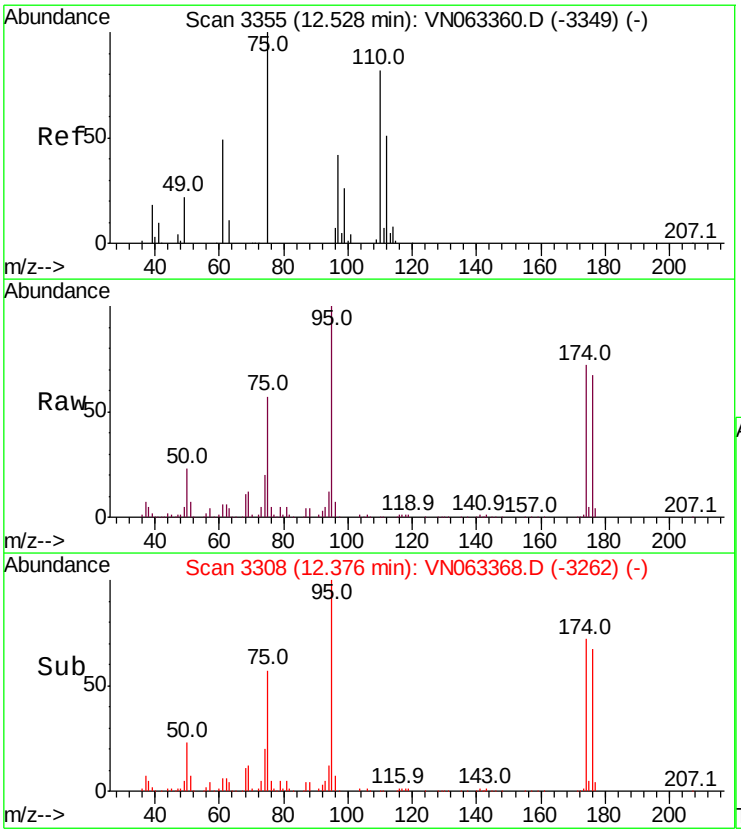
#74
N-amyl acetate
Concen: 0.547 ug/l
RT: 12.00 min Scan# 3192
Delta R.T. -0.04 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#01

Tgt Ion: 43 Resp: 3930

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.6	44.4#
55	5.7	17.7	26.5#
61	0.0	17.4	26.2#

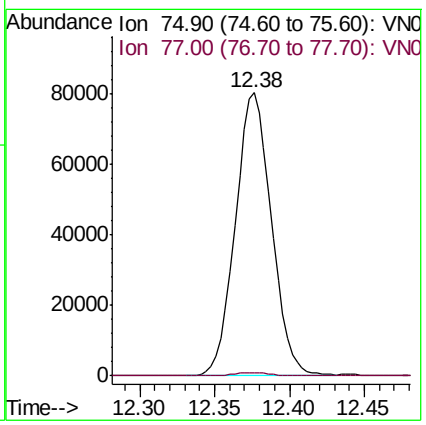


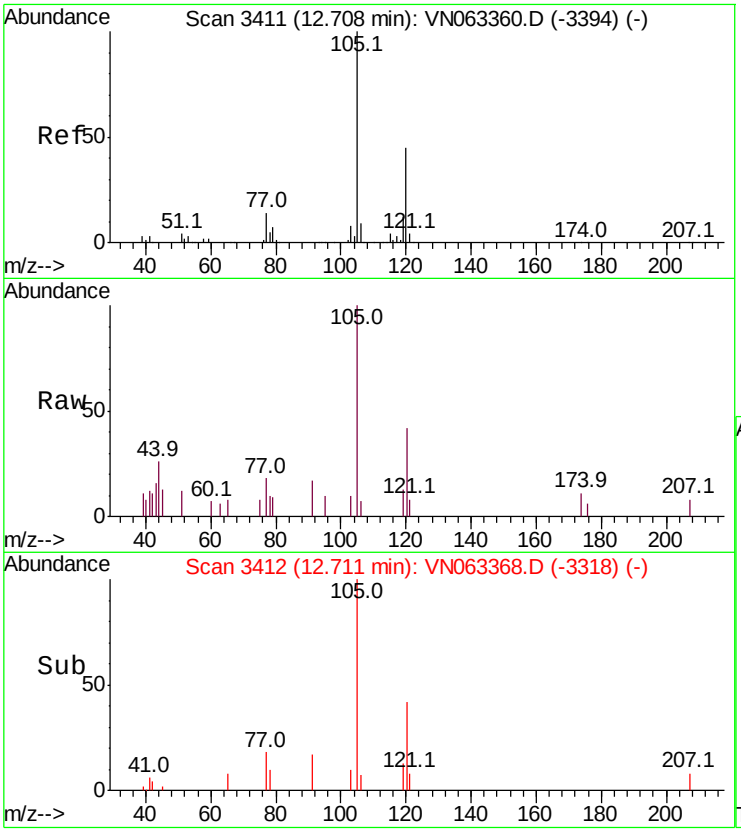


#76
1,2,3-Trichloropropane
Concen: 28.877 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Tgt Ion: 75 Resp: 135280

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



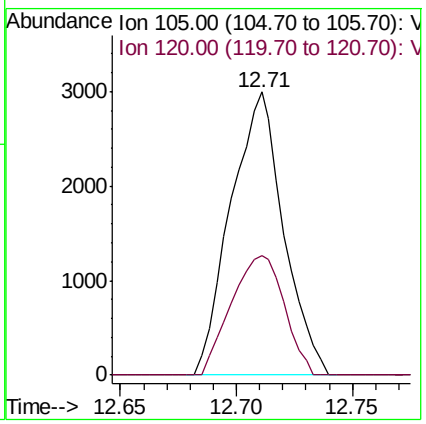


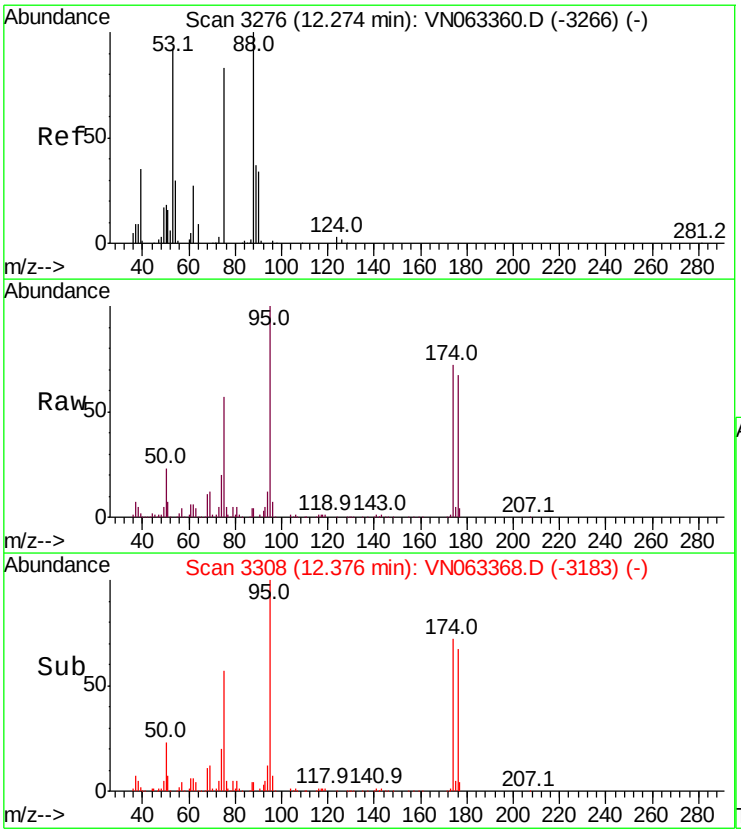
#80
1,3,5-Trimethylbenzene
Concen: 0.374 ug/l
RT: 12.71 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#01

Tgt Ion:105 Resp: 4733

Ion	Ratio	Lower	Upper
105	100		
120	42.3	22.9	68.8





#81
trans-1,4-Dichloro-2-butene
Concen: 79.170 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Tgt Ion: 75 Resp: 135280

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