Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100820\
Data File : VN064002.D
Acq On : 8 Oct 2020 19:41
Operator : JC/MD
Sample : L4331-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SHELL-L15-L14

Quant Time: Oct 09 04:06:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	225118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	414467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	421779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	168672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	190256	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.32%			
35) Dibromofluoromethane	7.55	113	142821	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.32%			
50) Toluene-d8	10.06	98	528900	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.02%			
62) 4-Bromofluorobenzene	12.38	95	200913	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.04%			
Target Compounds						Qvalue
3) Chloromethane	2.04	50	835	0.300	ug/l #	42
11) Tert butyl alcohol	4.72	59	846	2.060	ug/l #	71
13) Acrolein	3.56	56	100	0.397	ug/l #	14
16) Acetone	3.78	43	14941	13.050	ug/l	92
17) Carbon Disulfide	4.01	76	2415	1.089	ug/l #	76
19) Methyl tert-butyl Ether	5.00	73	2516	0.305	ug/l #	54
20) Methylene Chloride	4.51	84	762	0.388	ug/l #	59
25) 2-Butanone	6.79	43	1762	1.086	ug/l #	84
31) Cyclohexane	7.62	56	5964	1.381	ug/l #	11
36) 1,1-Dichloropropene	7.63	75	19951	4.751	ug/l #	50
38) Carbon Tetrachloride	7.62	117	24149	5.129	ug/l #	16
40) Benzene	8.00	78	86900	7.246	ug/l	99
71) Bromoform	12.38	173	1009	0.398	ug/l #	1
73) Isopropylbenzene	12.22	105	4583	0.373	ug/l	91
74) N-amyl acetate	12.04	43	162	2.243	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	107301	28.858	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.87	105	3243	0.314	ug/l	80
81) trans-1,4-Dichloro-2-buten	12.38	75	107301	83.117	ug/l #	6
89) n-Butylbenzene	13.52	91	28444	3.142	ug/l #	44
90) Hexachloroethane	13.86	117	405	0.213	ug/l #	14
95) Naphthalene	15.10	128	26162	4.688	ug/l	99

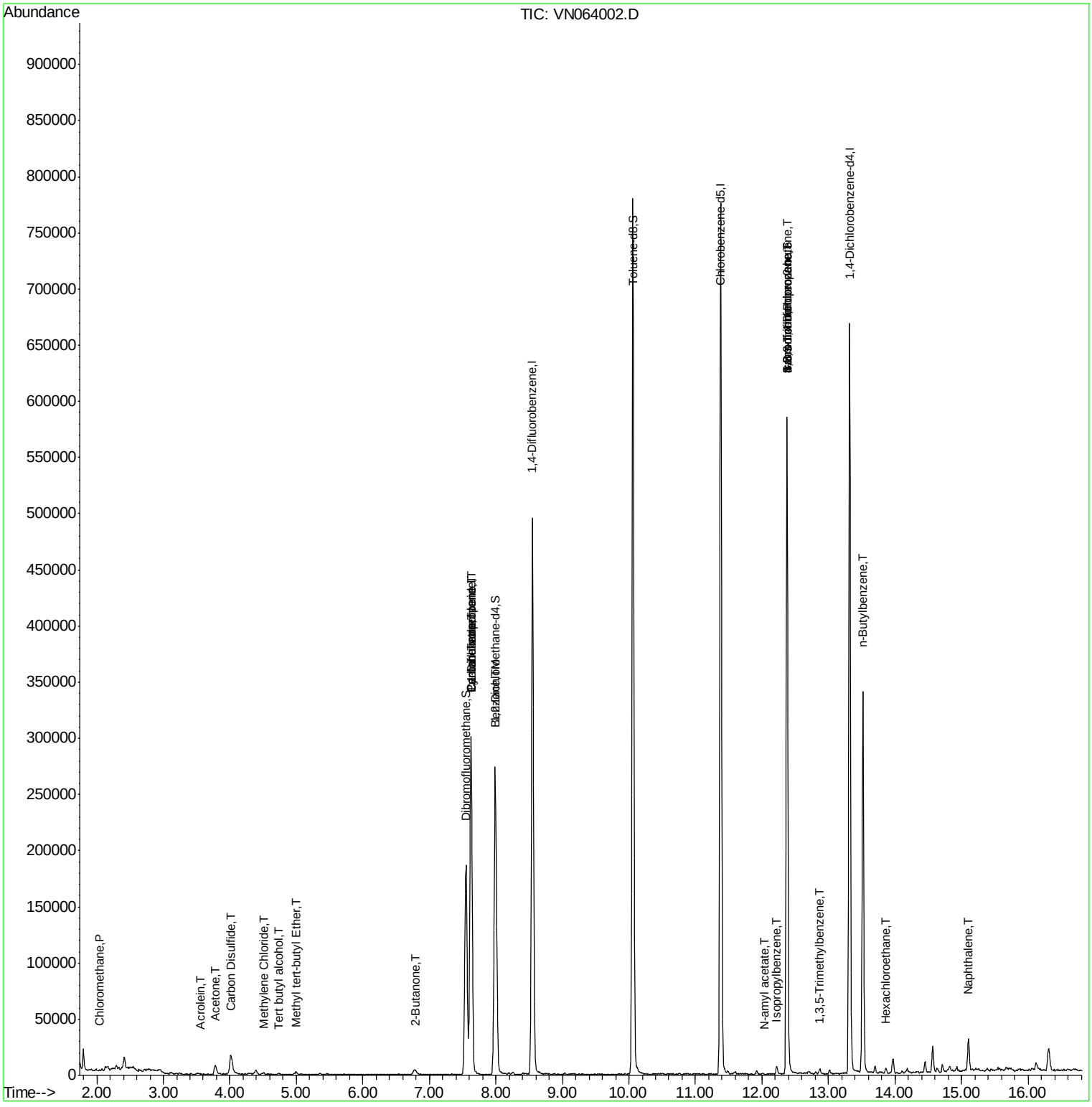
(#) = qualifier out of range (m) = manual integration (+) = signals summed

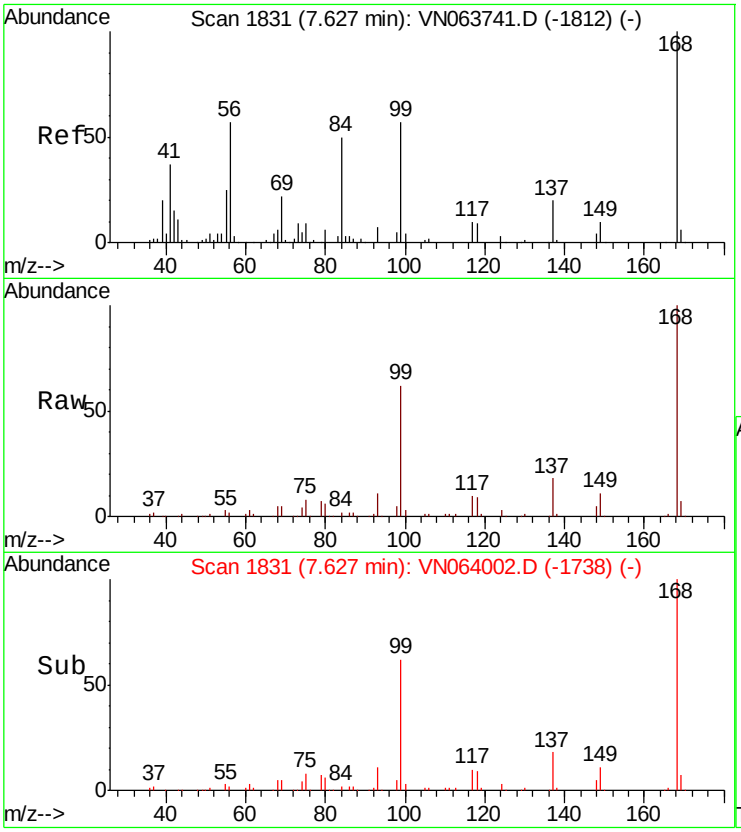
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100820\
Data File : VN064002.D
Acq On : 8 Oct 2020 19:41
Operator : JC/MD
Sample : L4331-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SHELL-L15-L14

Quant Time: Oct 09 04:06:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration



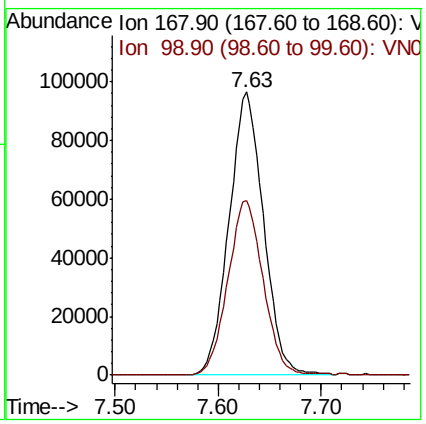


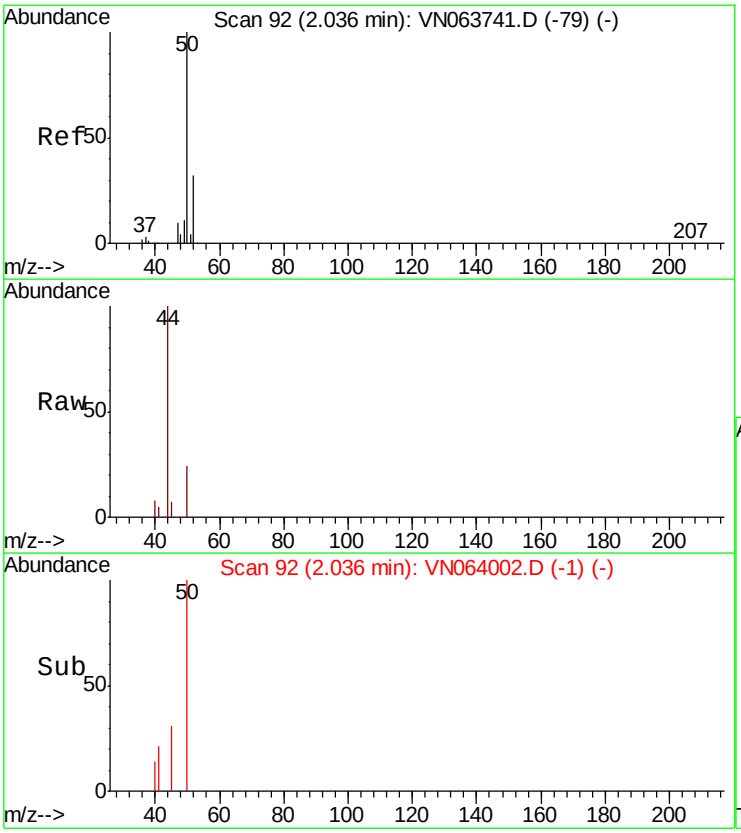
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Instrument :
MSVOA_N
ClientSampleId :
SHELL-L15-L14

Tgt Ion:168 Resp: 225118

Ion	Ratio	Lower	Upper
168	100		
99	61.8	51.8	77.6

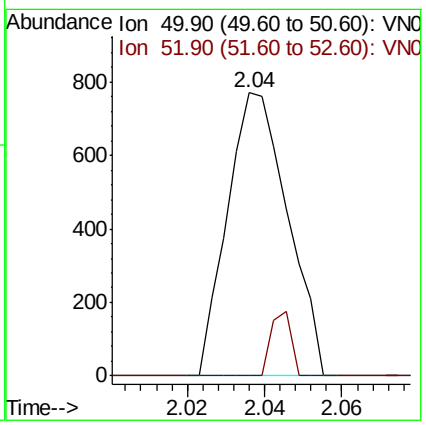


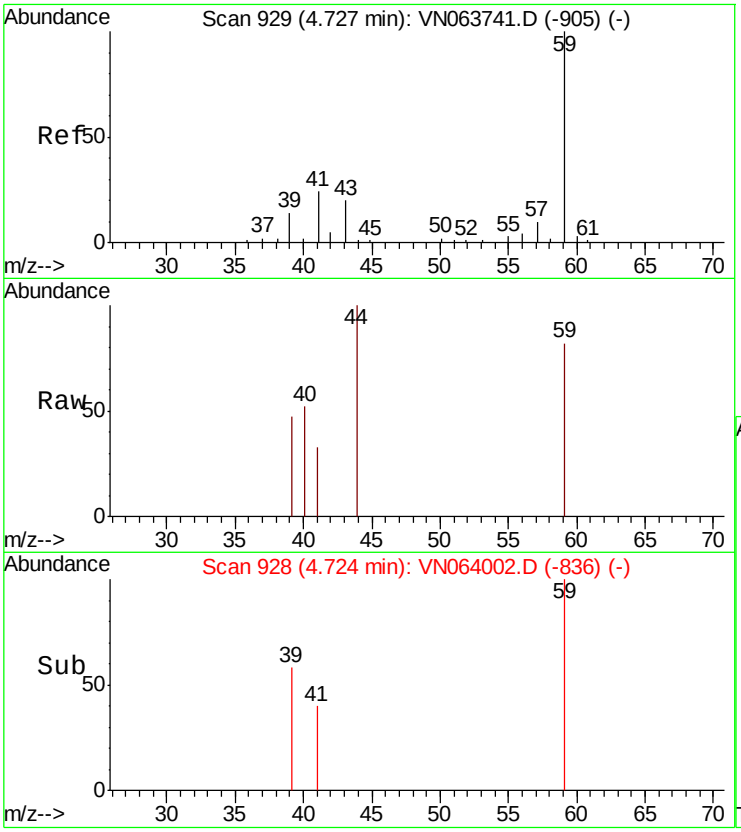


#3
Chloromethane
Concen: 0.300 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Tgt Ion: 50 Resp: 835

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.8	38.8#



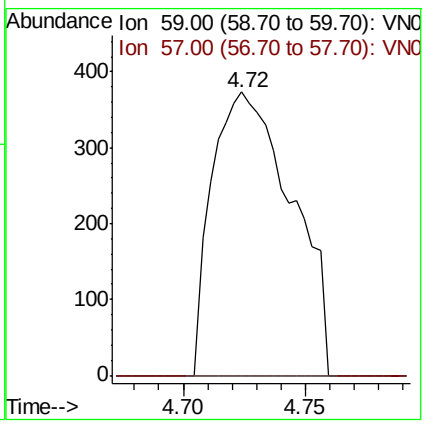


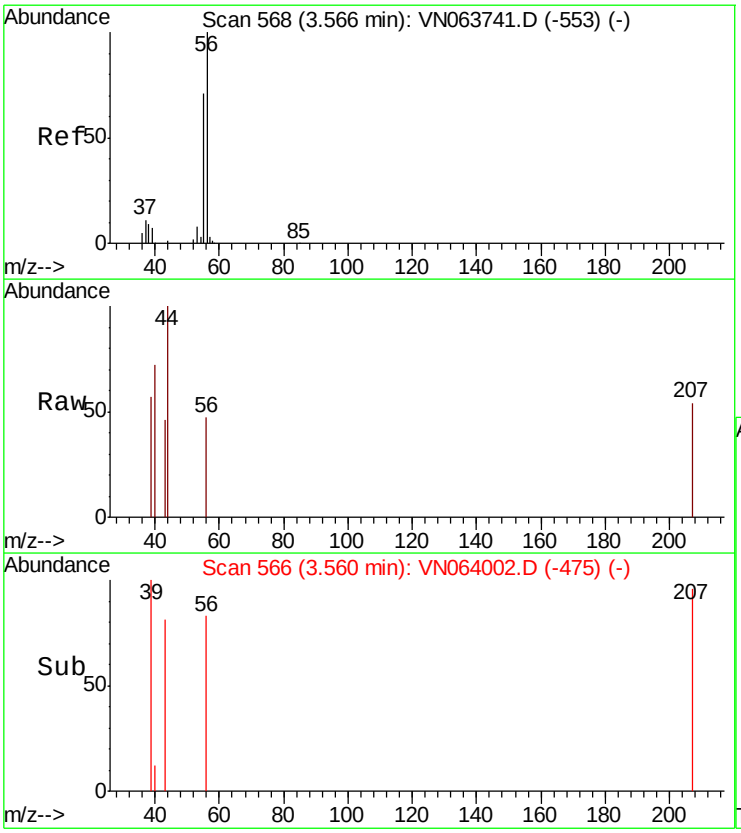
#11
Tert butyl alcohol
Concen: 2.060 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.00 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Tgt Ion: 59 Resp: 846

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

Instrument :
MSVOA_N
ClientSampleId :
SHELL-L15-L14

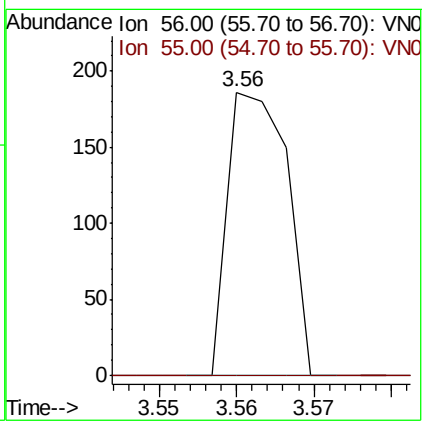


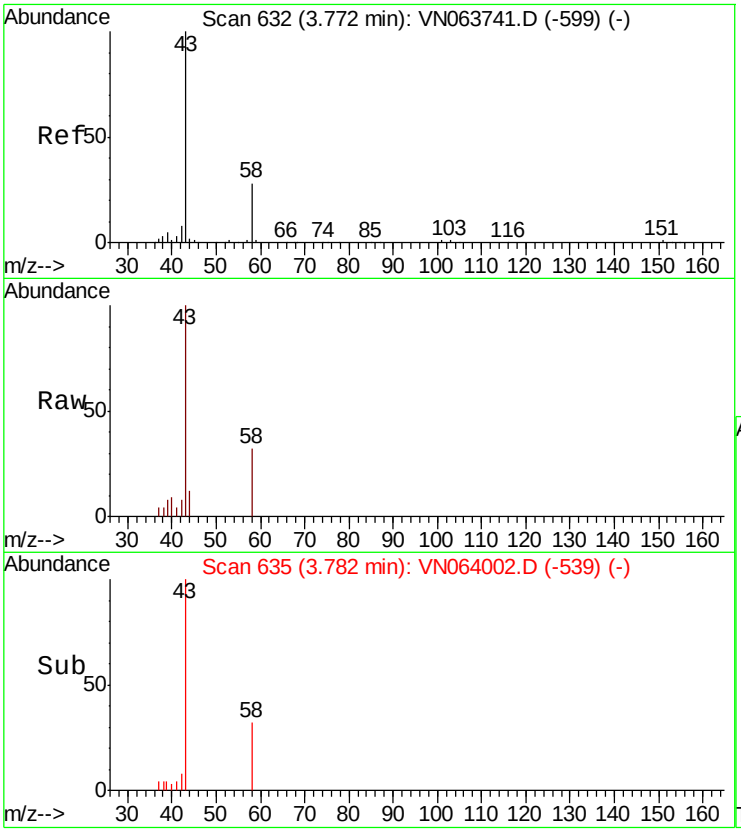


#13
Acrolein
Concen: 0.397 ug/l
RT: 3.56 min Scan# 566
Delta R.T. -0.01 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Tgt Ion: 56 Resp: 100

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.9	85.3#



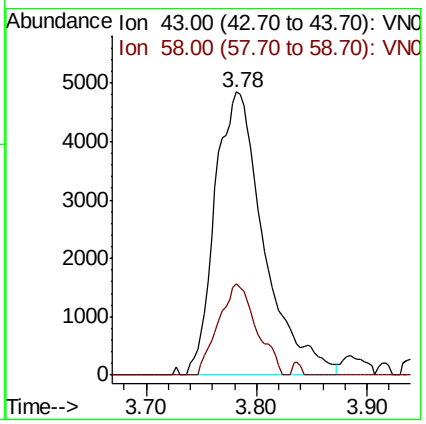


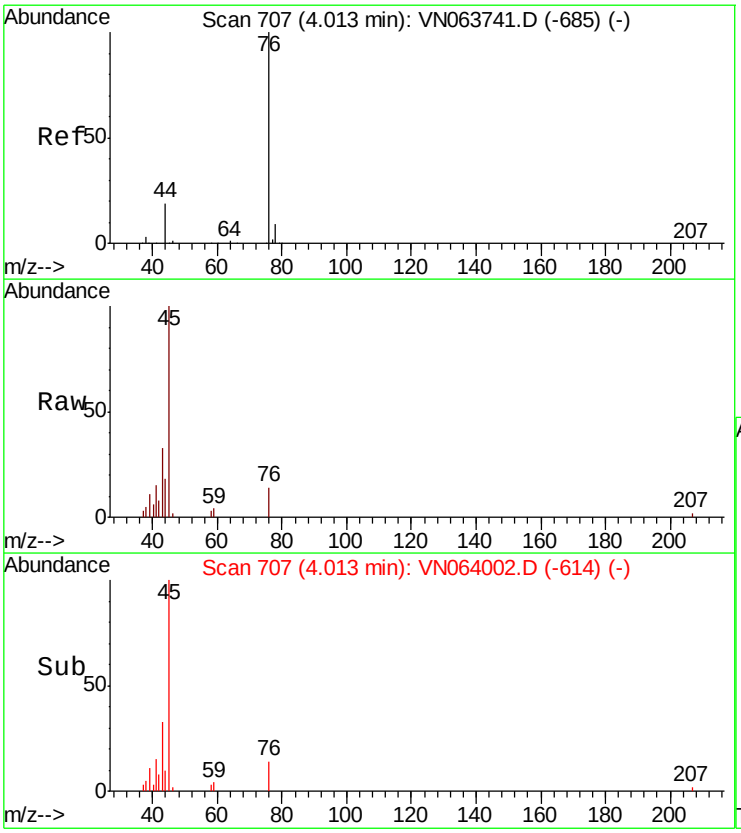
#16
Acetone
Concen: 13.050 ug/l
RT: 3.78 min Scan# 635
Delta R.T. 0.01 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Instrument :
MSVOA_N
ClientSampleId :
SHELL-L15-L14

Tgt Ion: 43 Resp: 14941

Ion	Ratio	Lower	Upper
43	100		
58	32.1	22.3	33.5

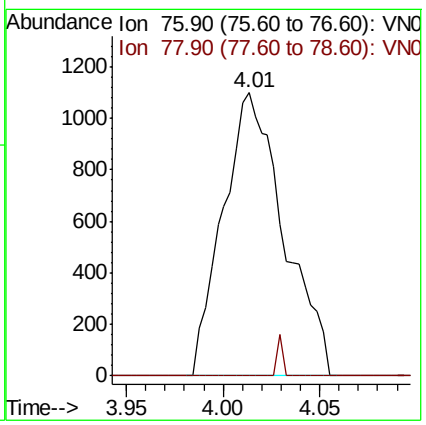


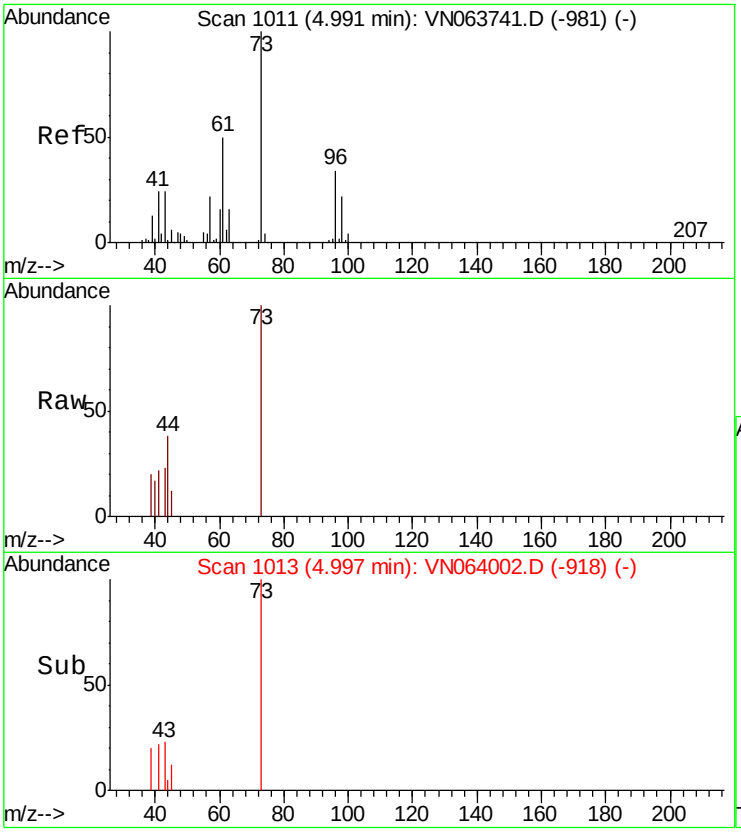


#17
Carbon Disulfide
Concen: 1.089 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Tgt Ion: 76 Resp: 2415

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#



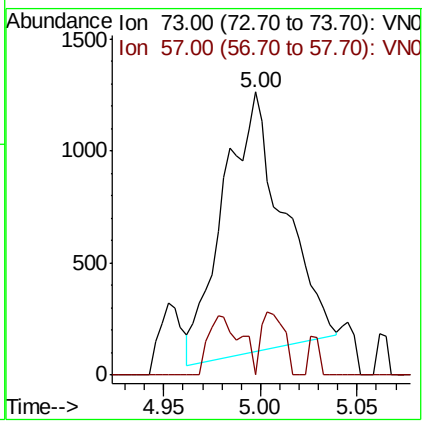


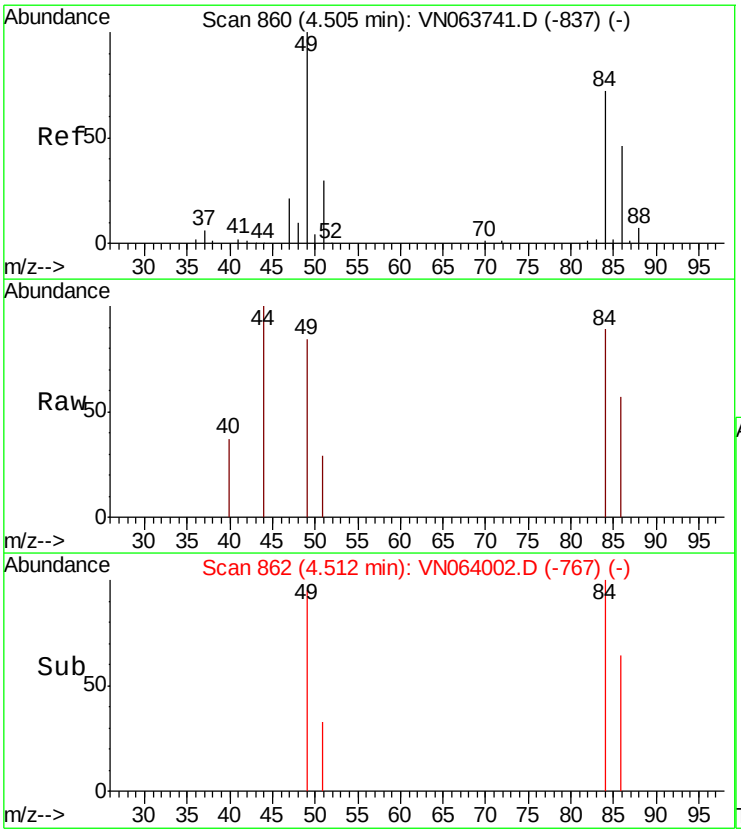
#19
Methyl tert-butyl Ether
Concen: 0.305 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Instrument : MSVOA_N
ClientSampleId : SHELL-L15-L14

Tgt Ion: 73 Resp: 2516

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.6	26.4#

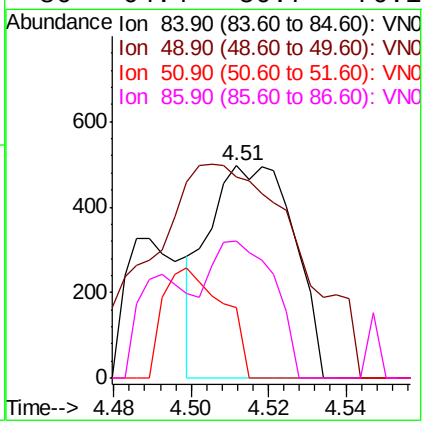


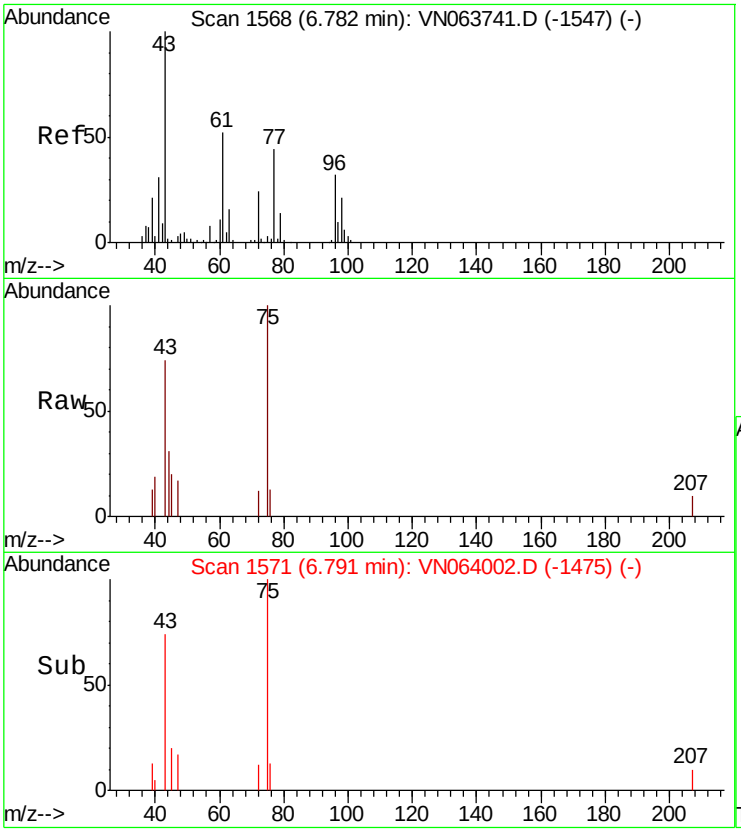


#20
Methylene Chloride
Concen: 0.388 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Tgt Ion: 84 Resp: 762

Ion	Ratio	Lower	Upper
84	100		
49	55.5	110.4	165.6#
51	33.0	33.3	49.9#
86	64.4	50.7	76.1



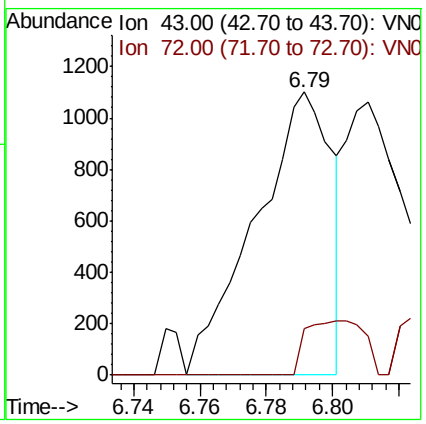


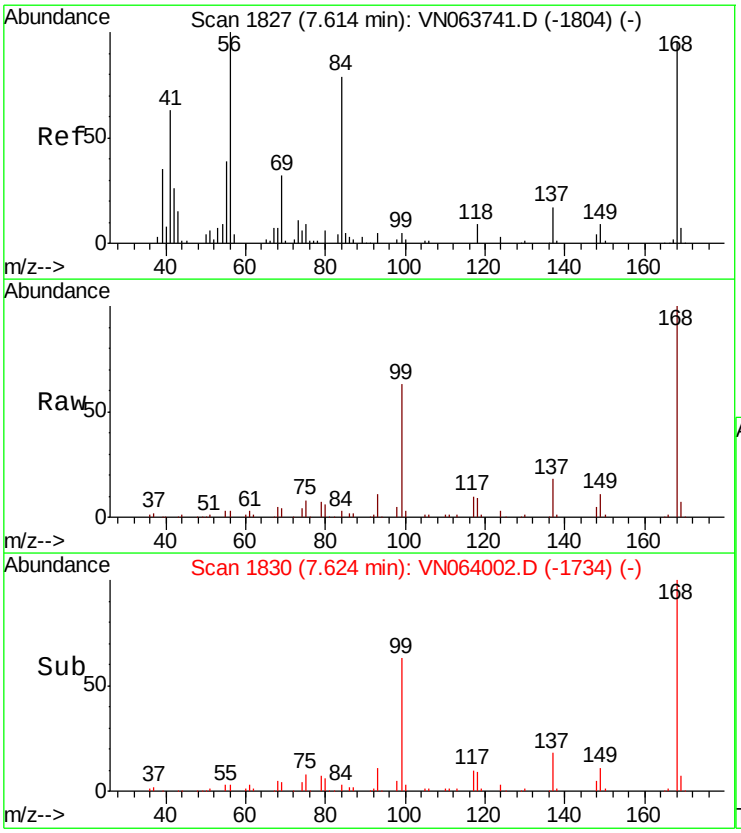
#25
2-Butanone
Concen: 1.086 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Instrument :
MSVOA_N
ClientSampleId :
SHELL-L15-L14

Tgt Ion: 43 Resp: 1762

Ion	Ratio	Lower	Upper
43	100		
72	16.4	19.3	28.9#

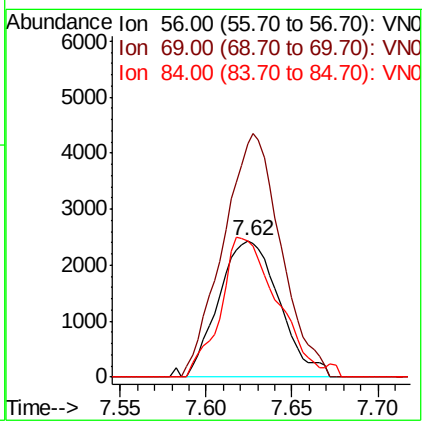


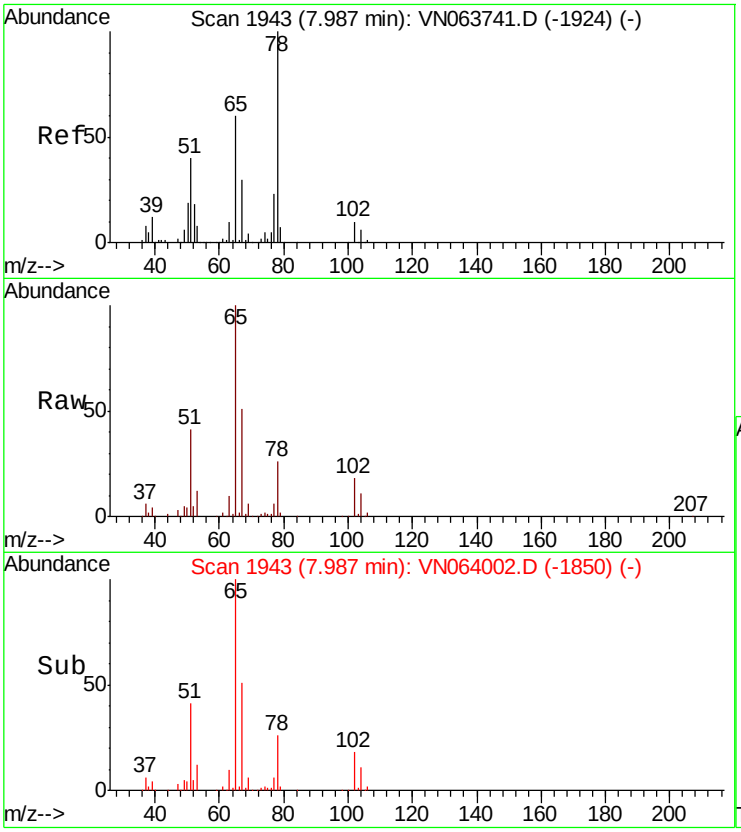


#31
Cyclohexane
Concen: 1.381 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Tgt Ion: 56 Resp: 5964

Ion	Ratio	Lower	Upper
56	100		
69	171.3	25.4	38.2#
84	100.2	63.3	94.9#



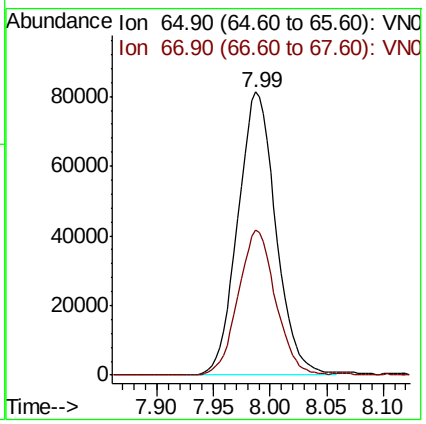


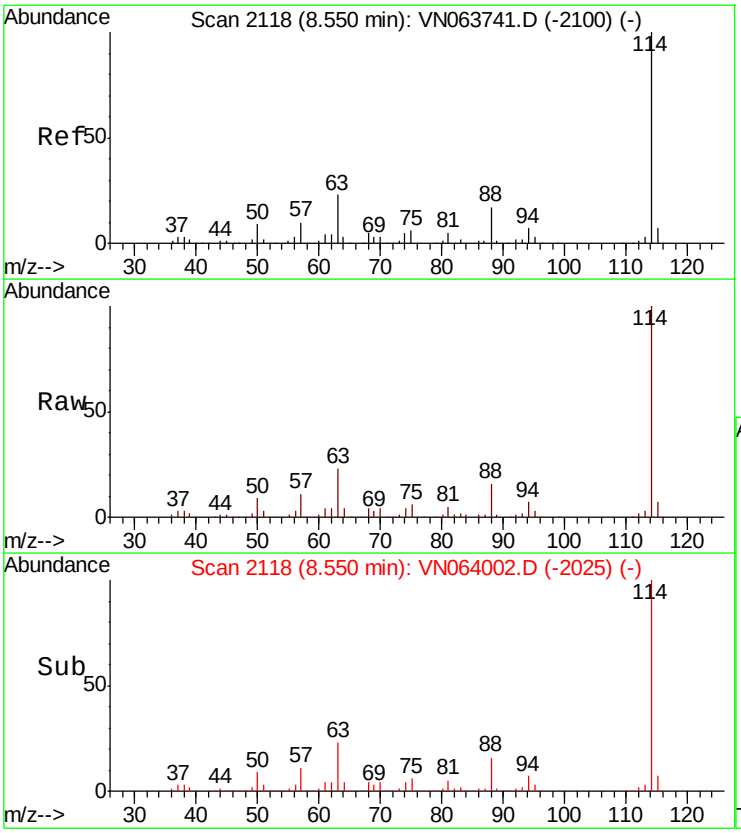
#33
1,2-Dichloroethane-d4
Concen: 51.156 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Instrument :
MSVOA_N
ClientSampleId :
SHELL-L15-L14

Tgt Ion: 65 Resp: 190256

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	99.6

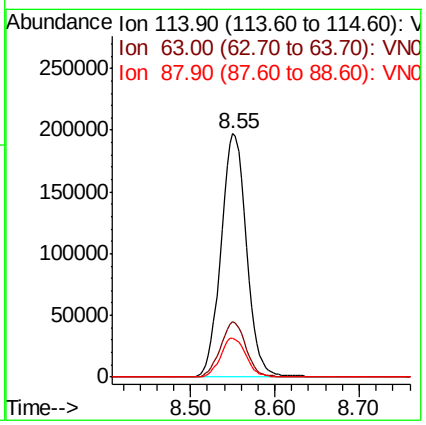


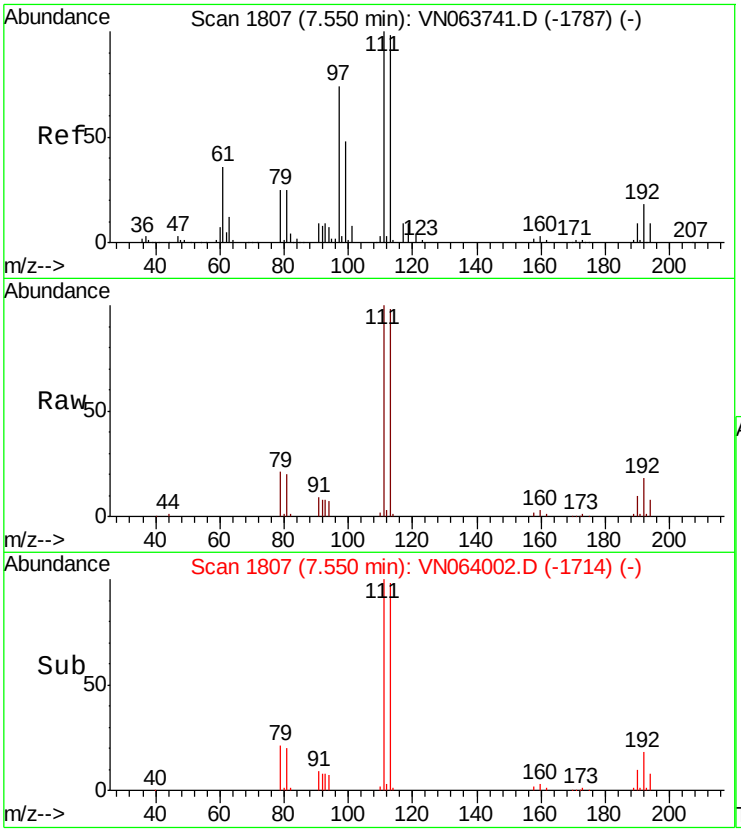


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Tgt Ion:114 Resp: 414467

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	45.0
88	16.0	0.0	34.0



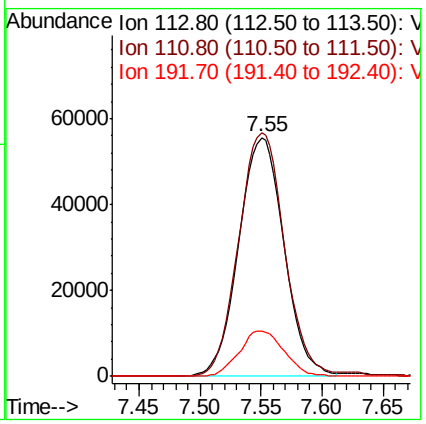


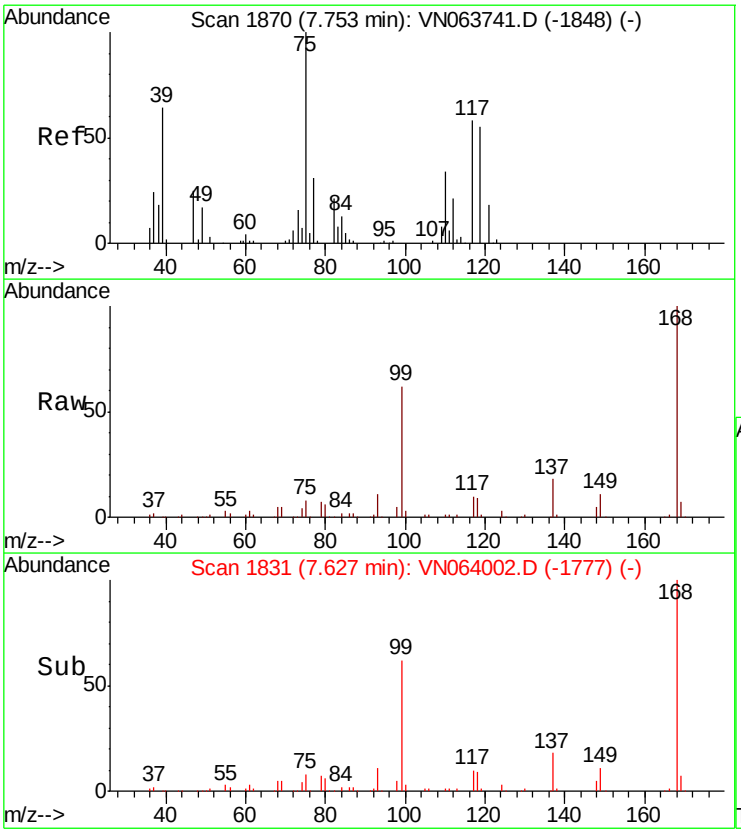
#35
Dibromofluoromethane
Concen: 49.662 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Instrument :
MSVOA_N
ClientSampleId :
SHELL-L15-L14

Tgt Ion:113 Resp: 142821

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	18.9	14.2	21.2

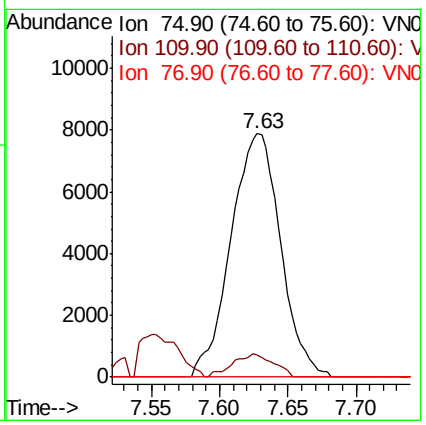


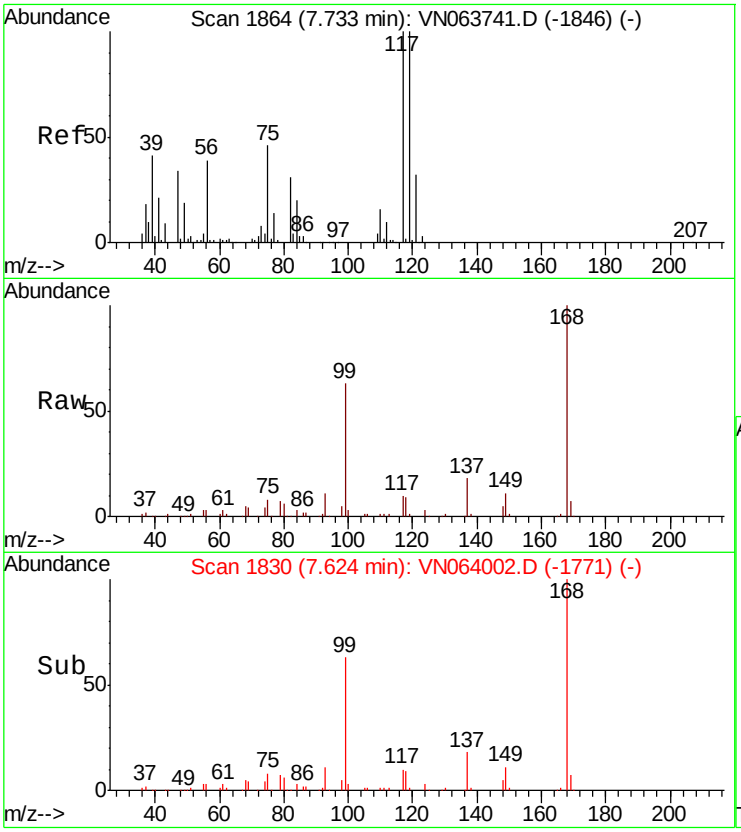


#36
1,1-Dichloropropene
Concen: 4.751 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Tgt Ion: 75 Resp: 19951

Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.9	50.6#
77	0.0	24.5	36.7#



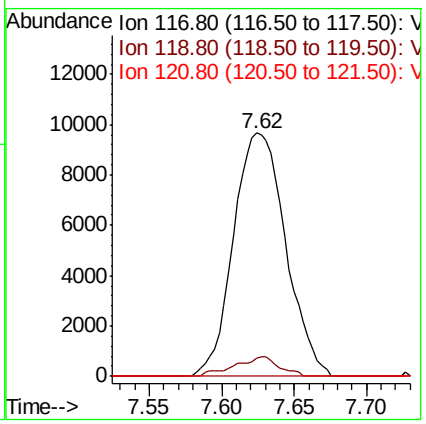


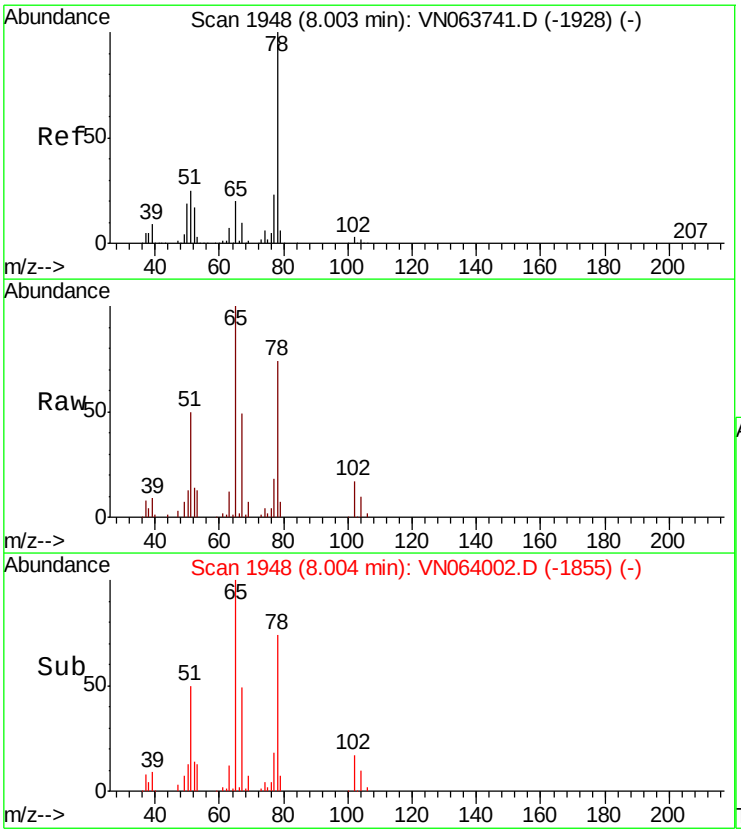
#38
Carbon Tetrachloride
Concen: 5.129 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Instrument :
MSVOA_N
ClientSampleId :
SHELL-L15-L14

Tgt Ion:117 Resp: 24149

Ion	Ratio	Lower	Upper
117	100		
119	7.3	80.1	120.1#
121	0.0	25.7	38.5#

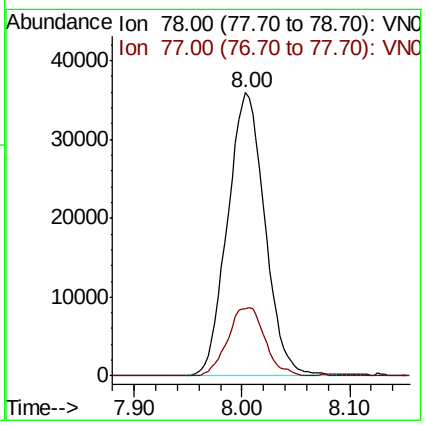


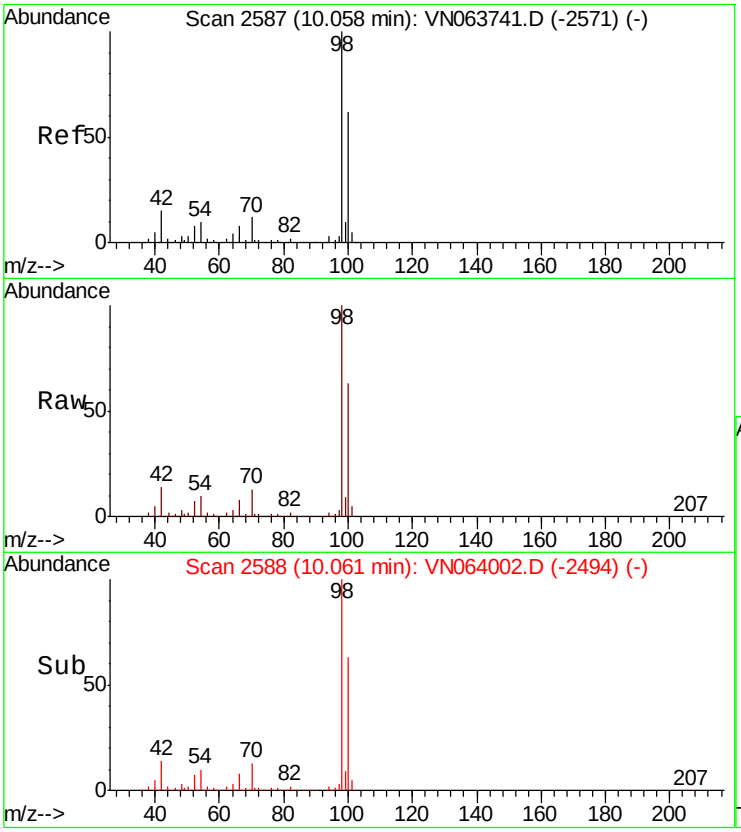


#40
Benzene
Concen: 7.246 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Tgt Ion: 78 Resp: 86900

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1



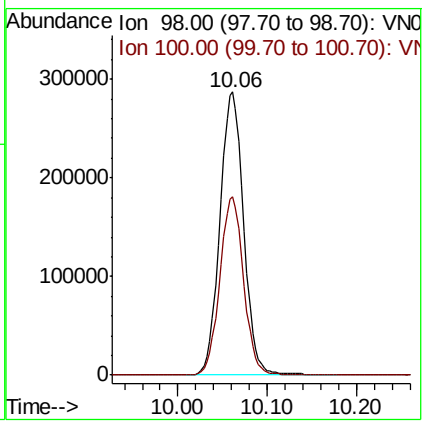


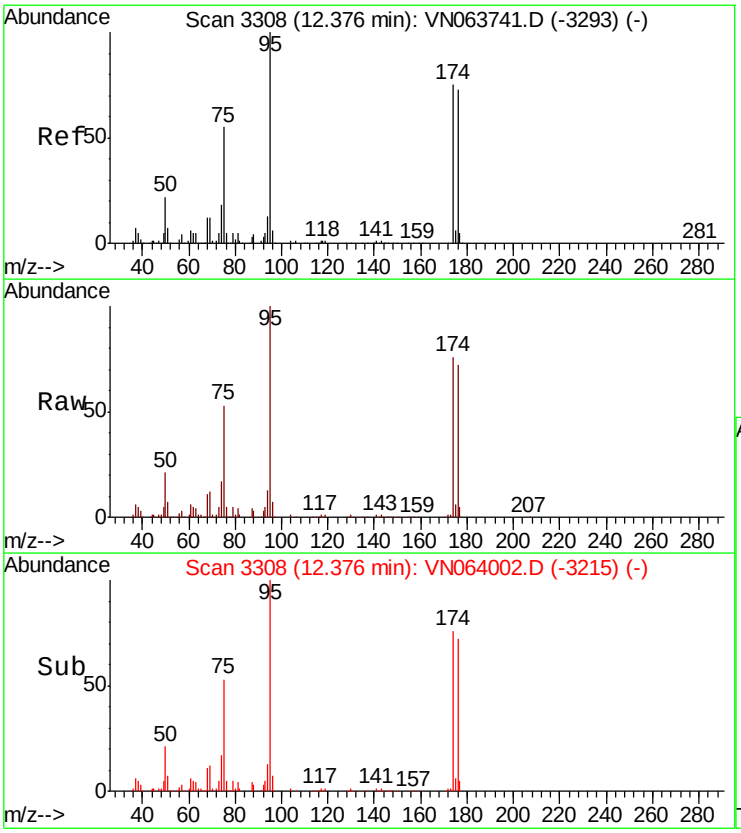
#50
Toluene-d8
Concen: 48.513 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Instrument : MSVOA_N
ClientSampleId : SHELL-L15-L14

Tgt Ion: 98 Resp: 528900

Ion	Ratio	Lower	Upper
98	100		
100	62.8	49.8	74.6

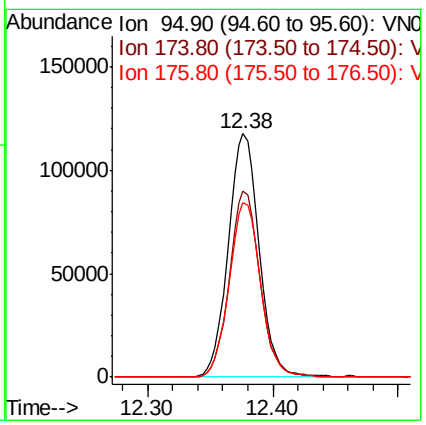


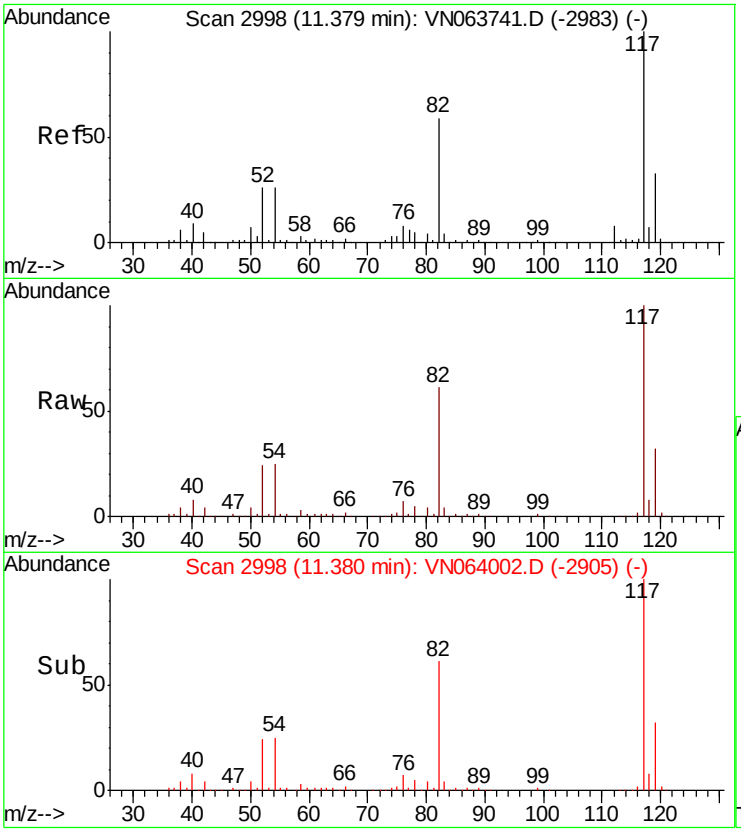


#62
4-Bromofluorobenzene
Concen: 49.024 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Tgt Ion: 95 Resp: 200913

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	150.6
176	73.3	0.0	145.4



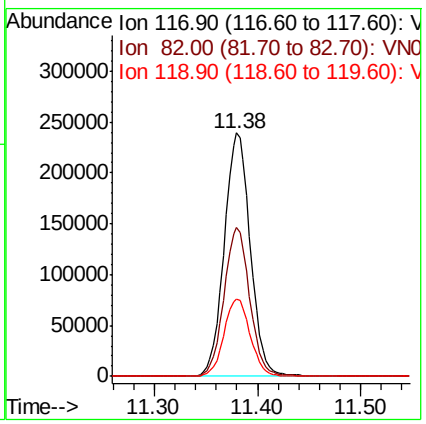


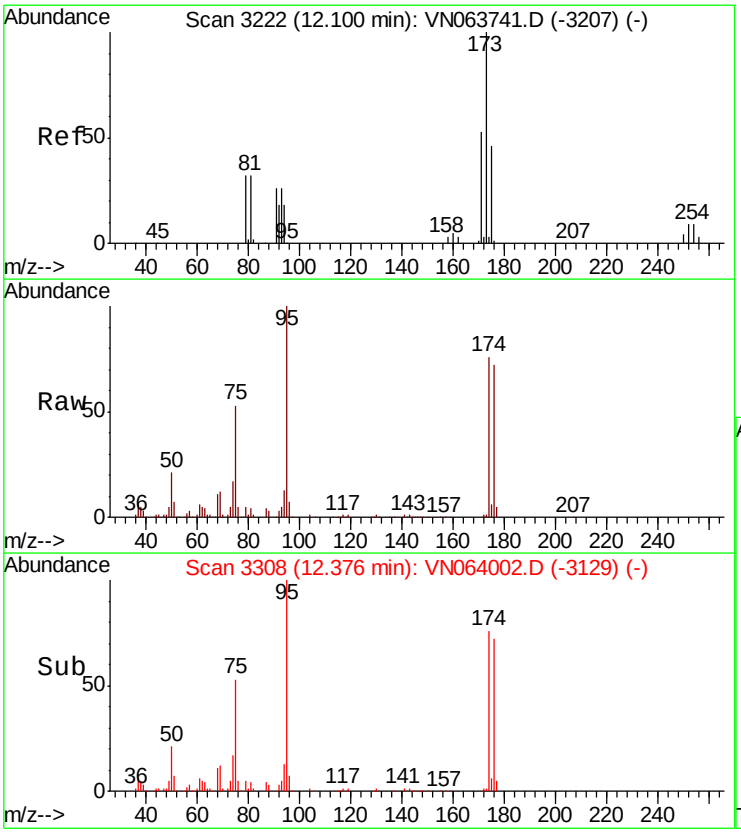
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Instrument :
MSVOA_N
ClientSampleId :
SHELL-L15-L14

Tgt Ion:117 Resp: 421779

Ion	Ratio	Lower	Upper
117	100		
82	61.2	47.4	71.2
119	31.8	26.4	39.6

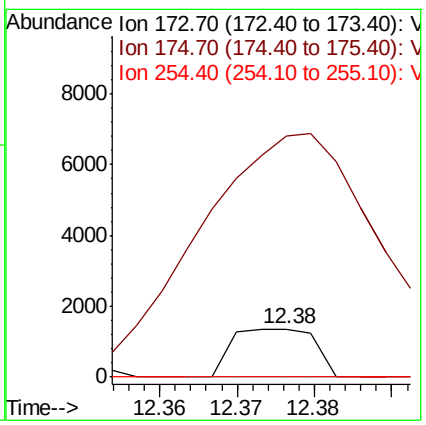


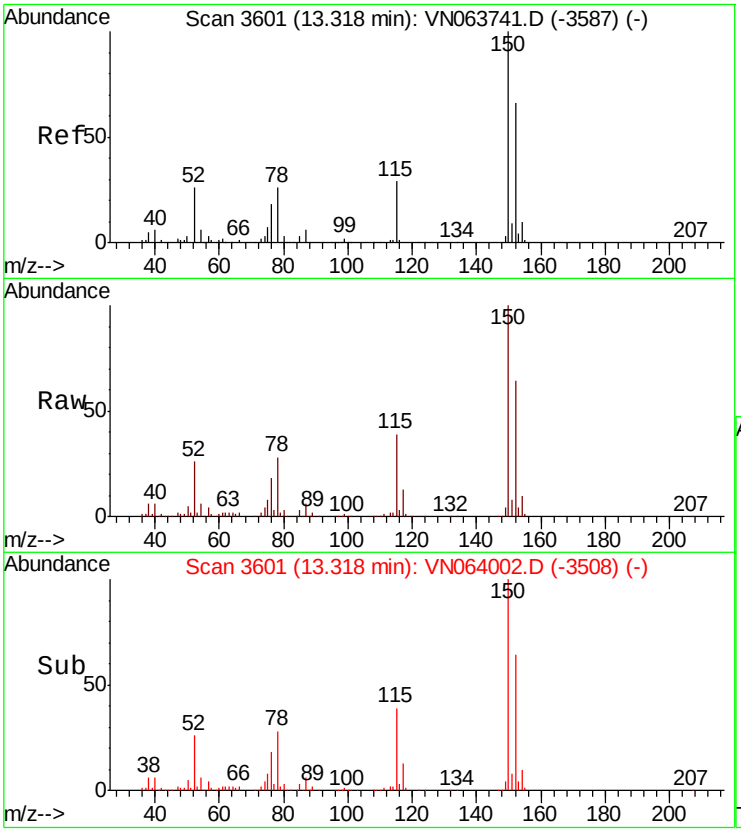


#71
Bromoform
Concen: 0.398 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Tgt Ion:173 Resp: 1009

Ion	Ratio	Lower	Upper
173	100		
175	951.4	23.5	70.5#
254	0.0	0.0	0.0



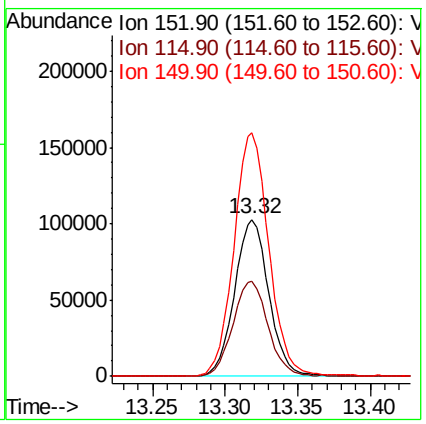


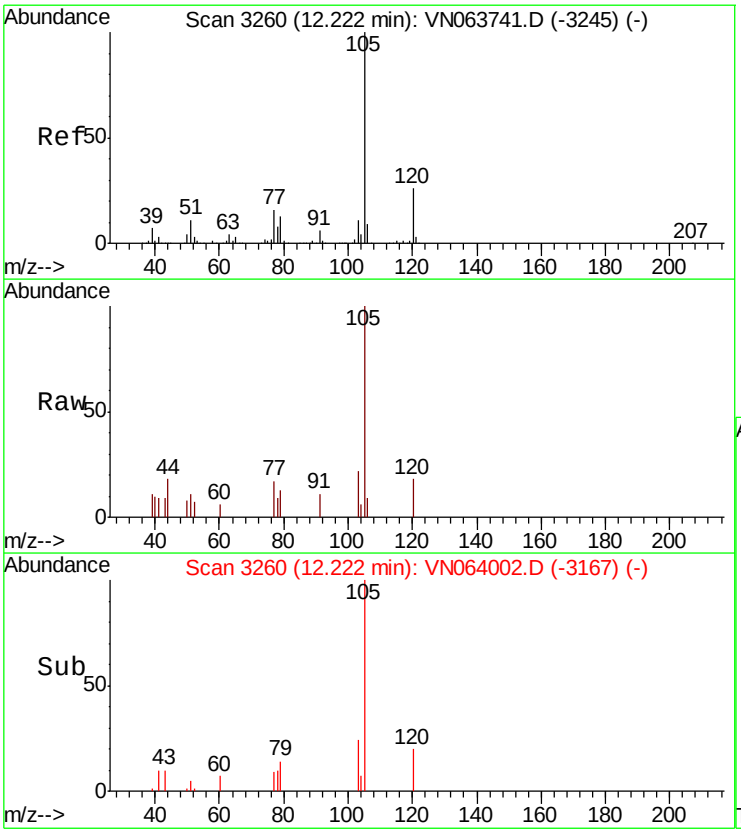
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Instrument :
MSVOA_N
ClientSampleId :
SHELL-L15-L14

Tgt Ion:152 Resp: 168672

Ion	Ratio	Lower	Upper
152	100		
115	62.8	31.3	93.8
150	158.2	0.0	341.8

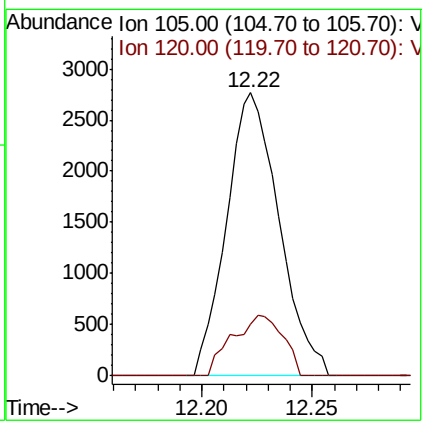


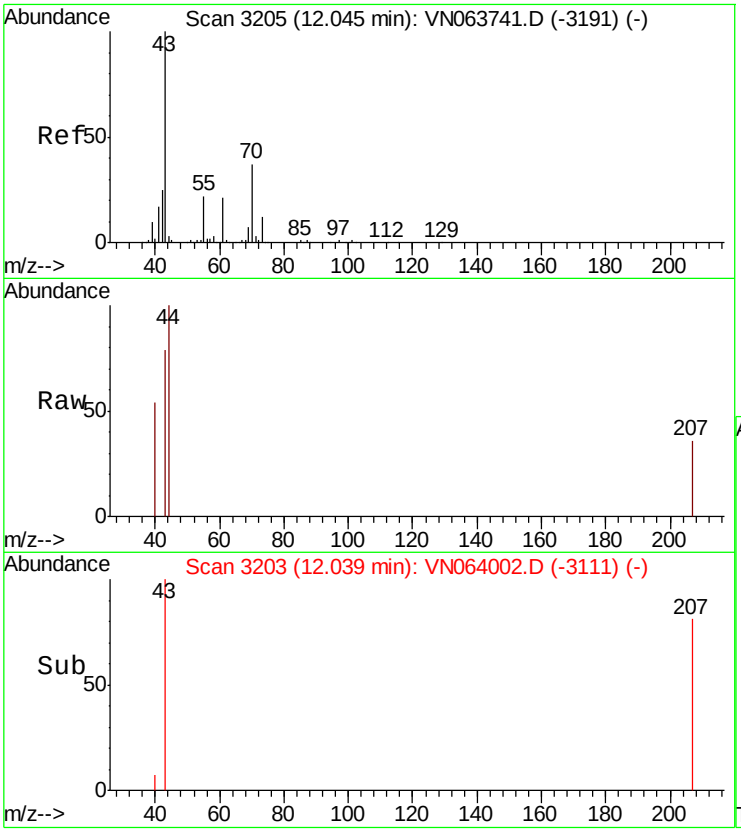


#73
Isopropylbenzene
Concen: 0.373 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Tgt Ion:105 Resp: 4583

Ion	Ratio	Lower	Upper
105	100		
120	20.7	12.6	37.8



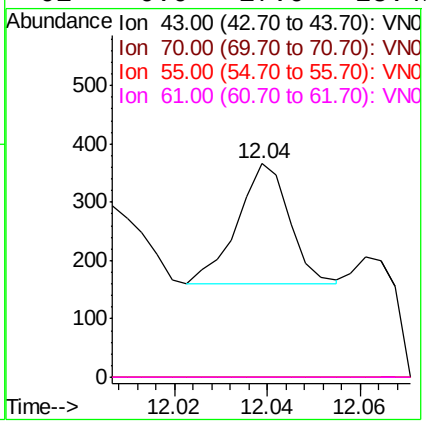


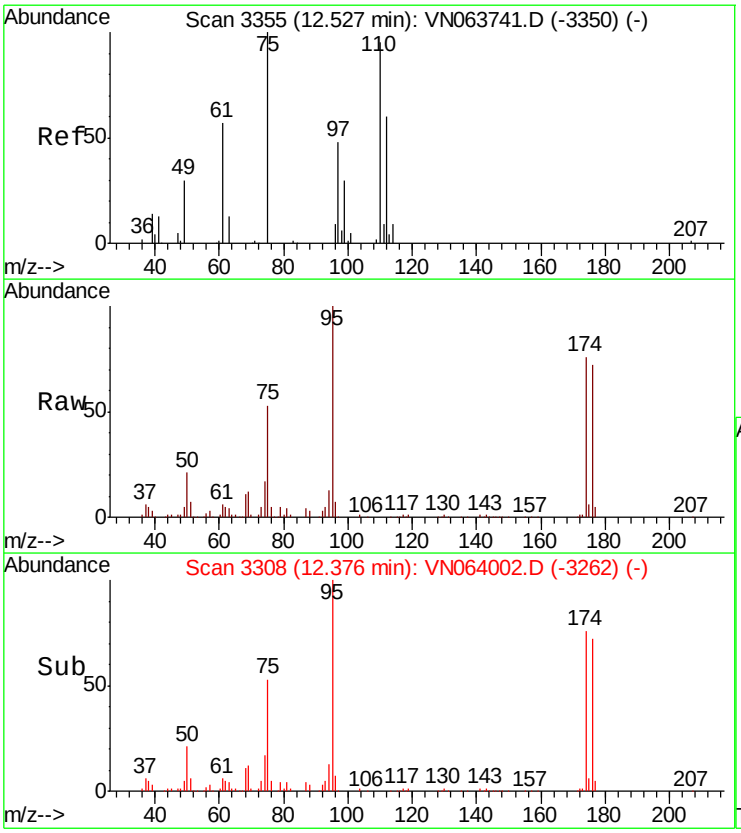
#74
N-amyl acetate
Concen: 2.243 ug/l
RT: 12.04 min Scan# 3203
Delta R.T. -0.01 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Instrument : MSVOA_N
ClientSampleId : SHELL-L15-L14

Tgt Ion: 43 Resp: 162

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.8	44.8#
55	0.0	17.9	26.9#
61	0.0	17.0	25.4#

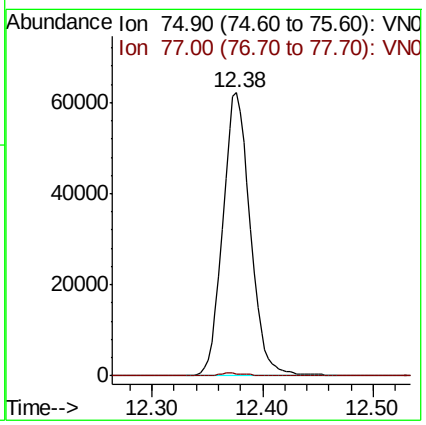


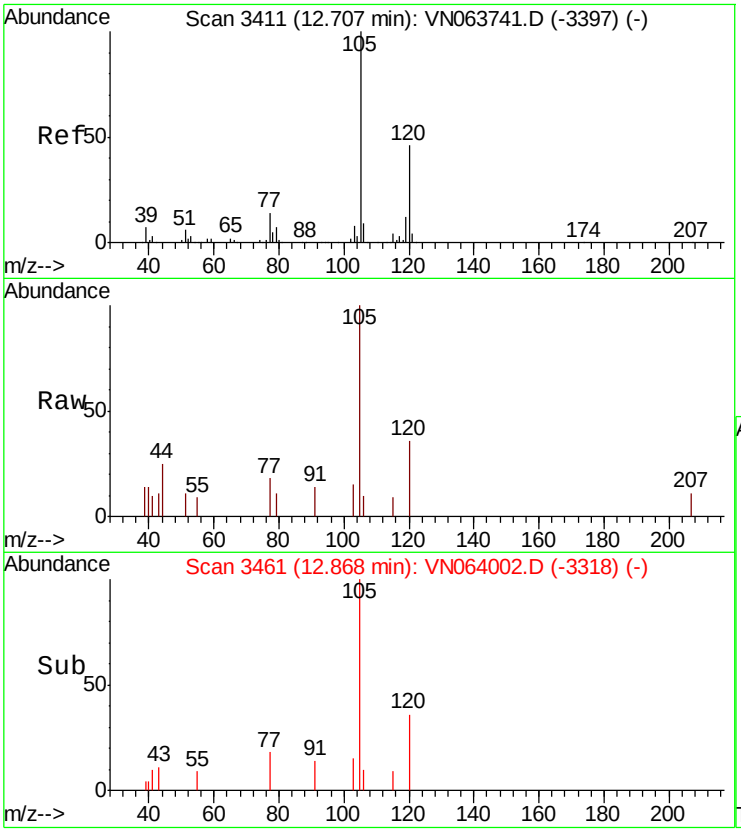


#76
1,2,3-Trichloropropane
Concen: 28.858 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Tgt Ion: 75 Resp: 107301

Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#



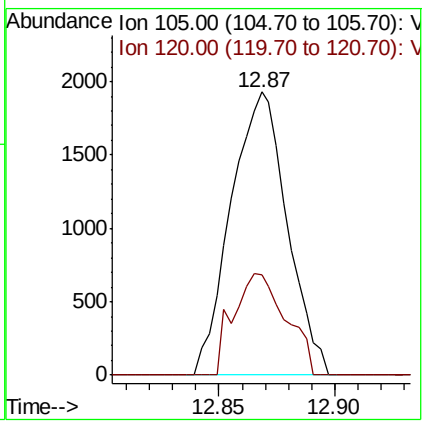


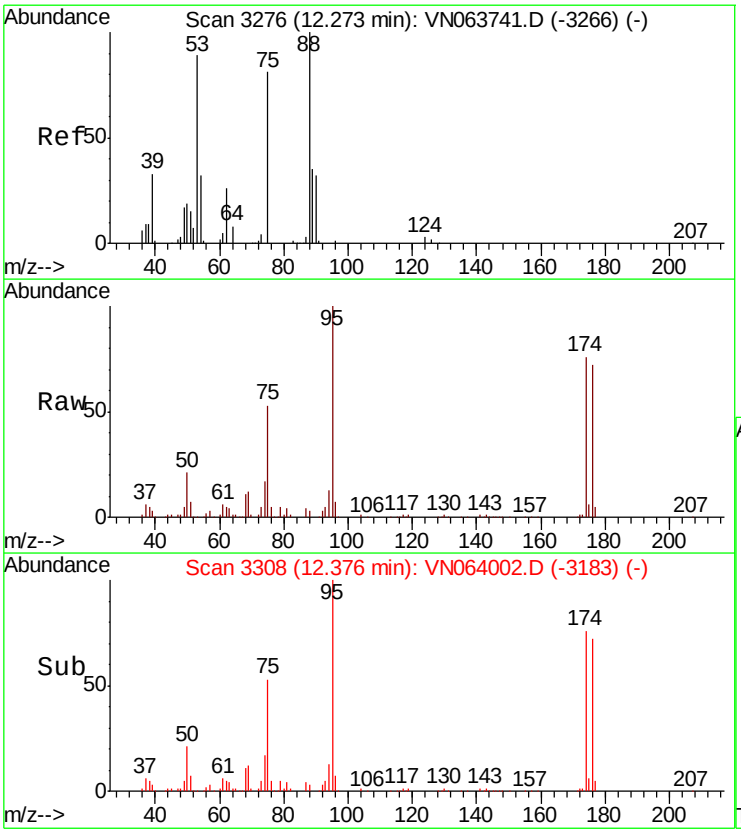
#80
1,3,5-Trimethylbenzene
Concen: 0.314 ug/l
RT: 12.87 min Scan# 3461
Delta R.T. 0.16 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Instrument :
MSVOA_N
ClientSampleId :
SHELL-L15-L14

Tgt Ion:105 Resp: 3243

Ion	Ratio	Lower	Upper
105	100		
120	33.6	23.3	69.9

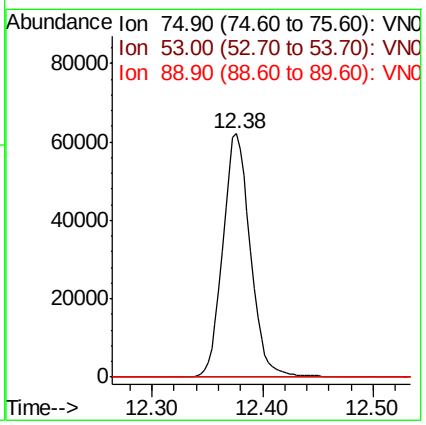


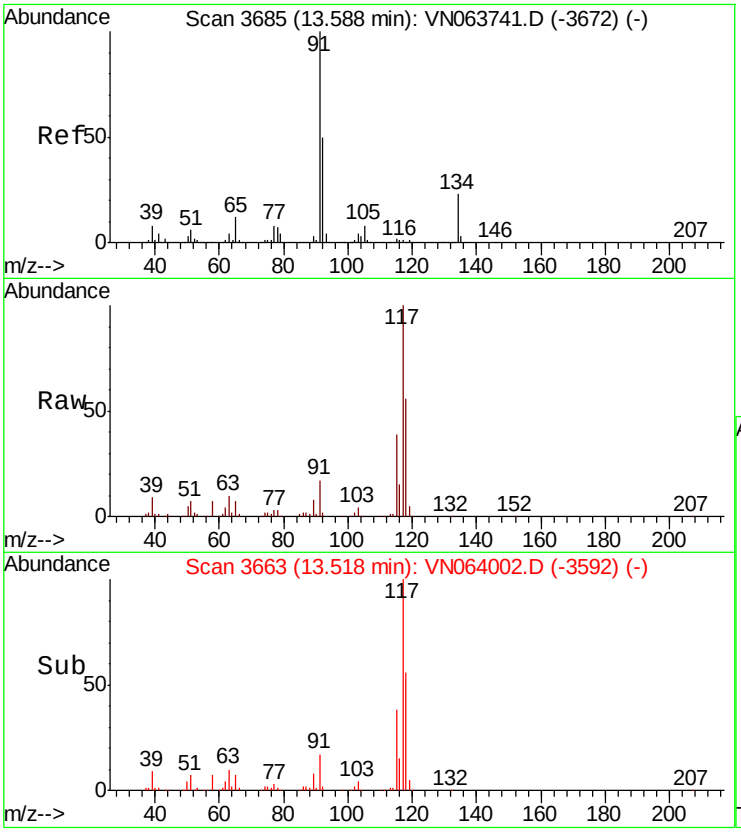


#81
trans-1,4-Dichloro-2-butene
Concen: 83.117 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Tgt Ion: 75 Resp: 107301

Ion	Ratio	Lower	Upper
75	100		
53	0.1	88.2	132.2#
89	0.0	36.0	54.0#



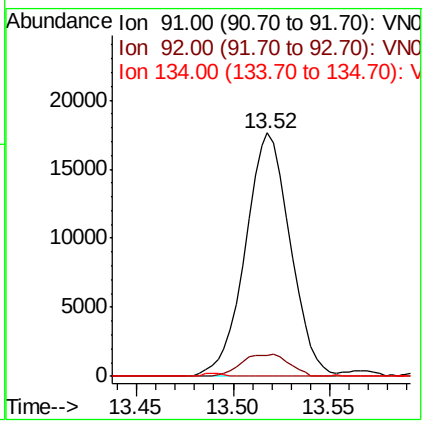


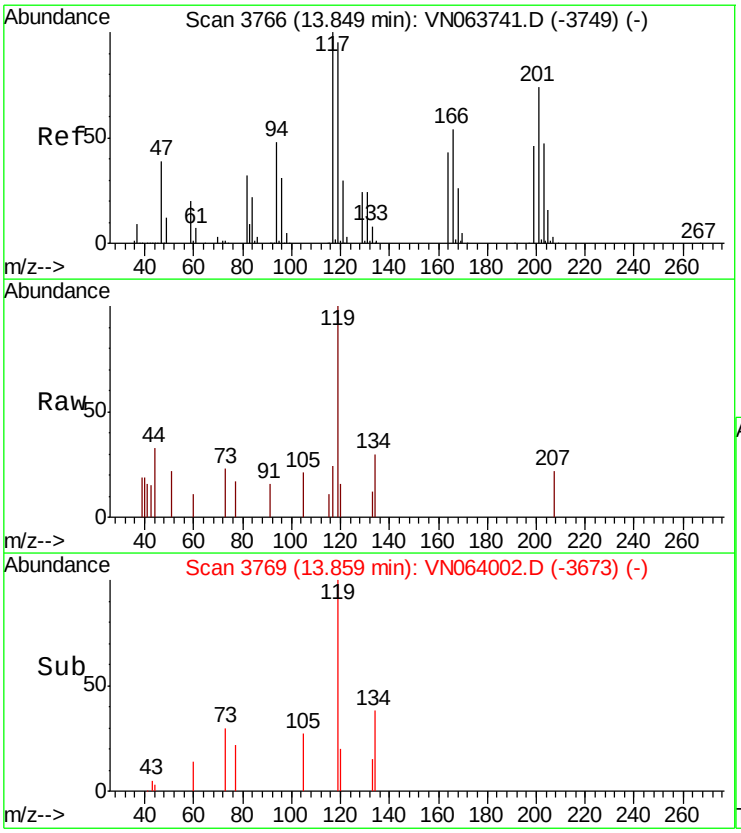
#89
n-Butylbenzene
Concen: 3.142 ug/l
RT: 13.52 min Scan# 3663
Delta R.T. -0.07 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Instrument :
MSVOA_N
ClientSampleId :
SHELL-L15-L14

Tgt Ion: 91 Resp: 28444

Ion	Ratio	Lower	Upper
91	100		
92	9.6	25.4	76.4#
134	0.0	11.7	35.1#

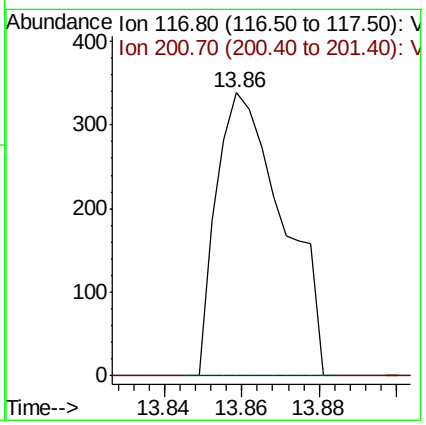


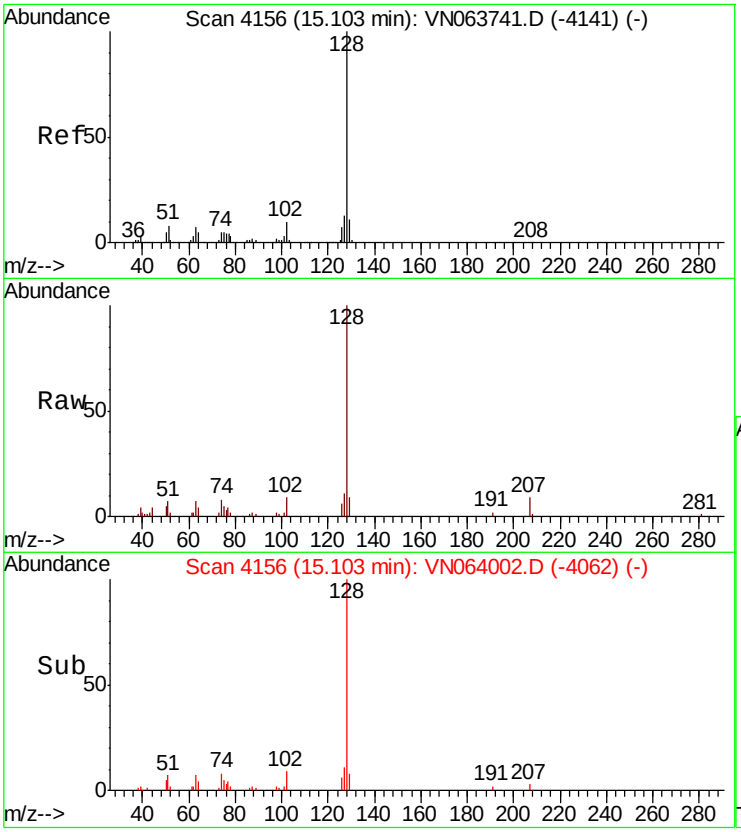


#90
Hexachloroethane
Concen: 0.213 ug/l
RT: 13.86 min Scan# 3769
Delta R.T. 0.01 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Tgt Ion:117 Resp: 405

Ion	Ratio	Lower	Upper
117	100		
201	0.0	36.0	108.0#





#95
Naphthalene
Concen: 4.688 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Instrument :
MSVOA_N
ClientSampleId :
SHELL-L15-L14

Tgt Ion:128 Resp: 26162

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	10.3	8.7	13.1