

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063411.D
 Acq On : 17 Sep 2020 11:58
 Operator : JC/MD
 Sample : VN0917WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

Quant Time: Sep 18 02:48:10 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	7.62	168	266801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	458624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	419469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	222664	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	7.55	113	157656	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.06	98	605763	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.38	95	226131	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	58955	19.505	ug/l	97
3) Chloromethane	2.04	50	73506	18.383	ug/l	98
4) Vinyl Chloride	2.16	62	69287	19.558	ug/l	99
5) Bromomethane	2.54	94	44872	21.333	ug/l	98
6) Chloroethane	2.68	64	42416	19.505	ug/l	98
7) Trichlorofluoromethane	2.99	101	105888	20.033	ug/l	99
8) Diethyl Ether	3.38	74	38443	18.657	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	59643	20.065	ug/l	99
10) Methyl Iodide	3.91	142	71995	18.603	ug/l	98
11) Tert butyl alcohol	4.73	59	55839	88.749	ug/l	96
12) 1,1-Dichloroethene	3.70	96	56454	18.750	ug/l	93
13) Acrolein	3.57	56	22129	94.907	ug/l	98
14) Allyl chloride	4.28	41	114407	19.210	ug/l	99
15) Acrylonitrile	4.93	53	153146	95.691	ug/l	99
16) Acetone	3.77	43	130431	89.360	ug/l	99
17) Carbon Disulfide	4.01	76	163179	18.633	ug/l	100
18) Methyl Acetate	4.27	43	68837	18.577	ug/l	98
19) Methyl tert-butyl Ether	4.98	73	210271	18.738	ug/l	100
20) Methylene Chloride	4.50	84	71735	19.398	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	64110	19.219	ug/l	92
22) Diisopropyl ether	5.90	45	236027	19.432	ug/l	92
23) Vinyl Acetate	5.84	43	965991	96.840	ug/l	100
24) 1,1-Dichloroethane	5.79	63	126029	19.005	ug/l	100
25) 2-Butanone	6.78	43	209390	93.276	ug/l	99
26) 2,2-Dichloropropane	6.78	77	106897	18.309	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	73277	19.408	ug/l	98
28) Bromochloromethane	7.15	49	57279	18.708	ug/l	100
29) Tetrahydrofuran	7.16	42	142987	93.261	ug/l	99
30) Chloroform	7.33	83	127256	19.128	ug/l	98
31) Cyclohexane	7.61	56	116512	18.575	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	112488	19.010	ug/l	100
36) 1,1-Dichloropropene	7.75	75	95321	19.509	ug/l	99
37) Ethyl Acetate	6.88	43	93210	19.437	ug/l #	95
38) Carbon Tetrachloride	7.73	117	93572	18.761	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063411.D
 Acq On : 17 Sep 2020 11:58
 Operator : JC/MD
 Sample : VN0917WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

Quant Time: Sep 18 02:48:10 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)
39) Methylcyclohexane	9.05	83	105714	19.935	ug/l	99
40) Benzene	8.00	78	274965	19.714	ug/l	99
41) Methacrylonitrile	7.13	41	43910	20.359	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	110313	19.667	ug/l	100
43) Isopropyl Acetate	8.12	43	162716	18.976	ug/l #	91
44) Trichloroethene	8.80	130	65426	19.340	ug/l	99
45) 1,2-Dichloropropane	9.08	63	74945	19.729	ug/l	99
46) Dibromomethane	9.17	93	49021	19.634	ug/l	99
47) Bromodichloromethane	9.37	83	103196	19.895	ug/l	98
48) Methyl methacrylate	9.16	41	77653	18.433	ug/l	96
49) 1,4-Dioxane	9.17	88	23295	385.322	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	466491	97.178	ug/l	100
52) Toluene	10.12	92	170312	20.309	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	110802	19.135	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	118454	19.393	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	66566	19.984	ug/l	96
56) Ethyl methacrylate	10.40	69	100334	19.295	ug/l	99
57) 1,3-Dichloropropane	10.68	76	116619	19.415	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	248880	91.239	ug/l	99
59) 2-Hexanone	10.72	43	337082	96.925	ug/l	100
60) Dibromochloromethane	10.87	129	72402	19.240	ug/l	98
61) 1,2-Dibromoethane	10.97	107	65910	19.046	ug/l	93
64) Tetrachloroethene	10.60	164	58537	20.494	ug/l	97
65) Chlorobenzene	11.41	112	177760	19.964	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	66611	20.408	ug/l	97
67) Ethyl Benzene	11.48	91	336213	20.051	ug/l	100
68) m/p-Xylenes	11.59	106	241234	39.901	ug/l	99
69) o-Xylene	11.92	106	114697	19.915	ug/l	97
70) Styrene	11.94	104	194991	20.189	ug/l	99
71) Bromoform	12.10	173	46127	18.970	ug/l #	99
73) Isopropylbenzene	12.22	105	319452	19.891	ug/l	99
74) N-amyl acetate	12.05	43	142043	18.684	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	96179	19.341	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	131833	26.576	ug/l #	100
77) Bromobenzene	12.50	156	72284	20.008	ug/l	98
78) n-propylbenzene	12.57	91	373783	19.982	ug/l	99
79) 2-Chlorotoluene	12.65	91	226265	20.178	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	271505	20.273	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	30642	16.935	ug/l	93
82) 4-Chlorotoluene	12.75	91	238931	20.167	ug/l	99
83) tert-Butylbenzene	12.97	119	216609	19.597	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	266914	19.731	ug/l	99
85) sec-Butylbenzene	13.15	105	290287	19.620	ug/l	99
86) p-Isopropyltoluene	13.26	119	264044	20.234	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	132682	19.815	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	136601	20.065	ug/l	99
89) n-Butylbenzene	13.59	91	241537	20.080	ug/l	98
90) Hexachloroethane	13.85	117	47293	19.032	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	131091	19.941	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21656	18.288	ug/l	97

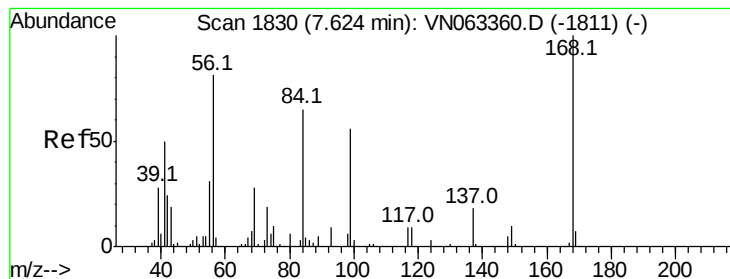
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
Data File : VN063411.D
Acq On : 17 Sep 2020 11:58
Operator : JC/MD
Sample : VN0917WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS01

Quant Time: Sep 18 02:48:10 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)
93) 1,2,4-Trichlorobenzene	14.88	180	74599	19.248	ug/l	98
94) Hexachlorobutadiene	14.98	225	34211	21.322	ug/l	99
95) Naphthalene	15.10	128	239836	18.731	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	70221	18.752	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

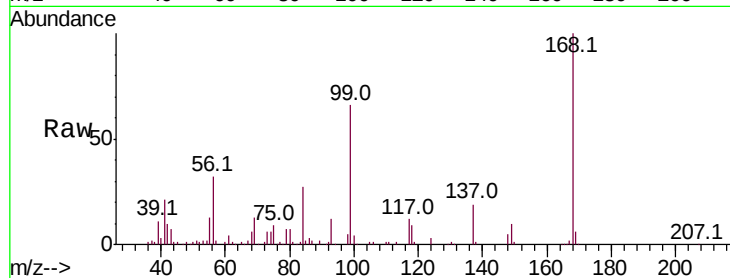
VN0917WBS01

Tot Ion:168 Resp: 266801

Ion Ratio Lower Upper

168 100

99 65.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

120000

100000

80000

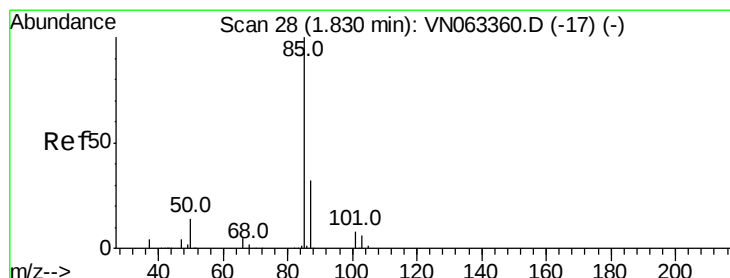
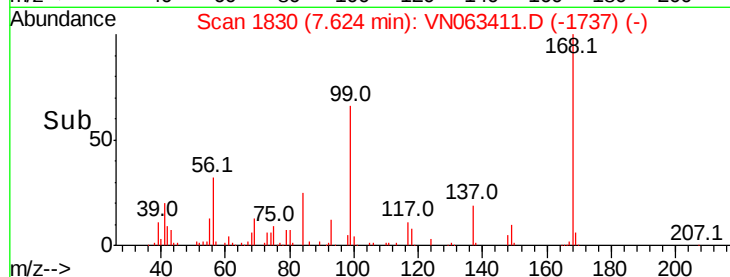
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 19.505 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063411.D

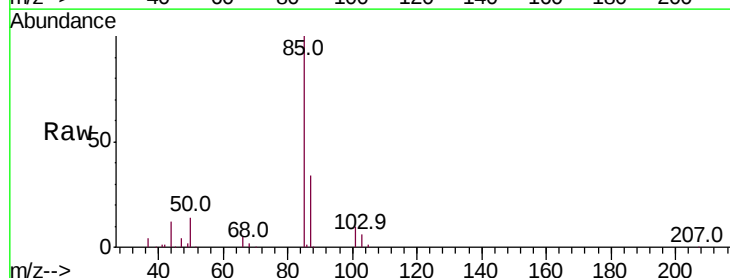
Acq: 17 Sep 2020 11:58

Tgt Ion: 85 Resp: 58955

Ion Ratio Lower Upper

85 100

87 33.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

50000

40000

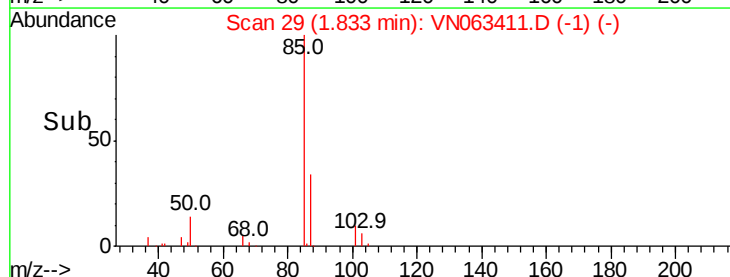
30000

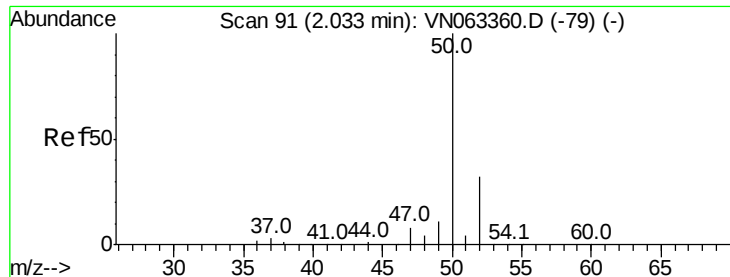
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.383 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampled :

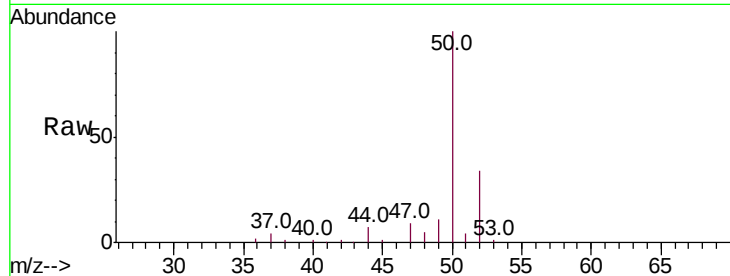
VN0917WBS01

Tot Ion: 50 Resp: 73506

Ion Ratio Lower Upper

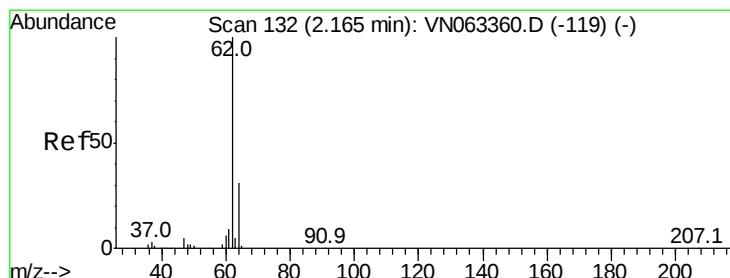
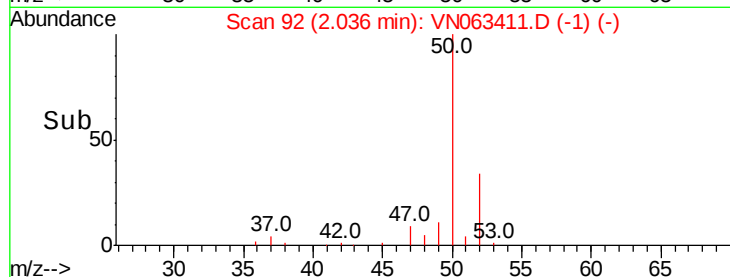
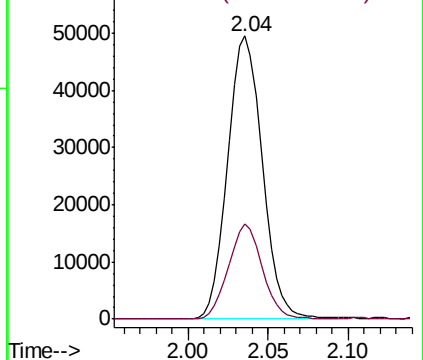
50 100

52 33.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 19.558 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063411.D

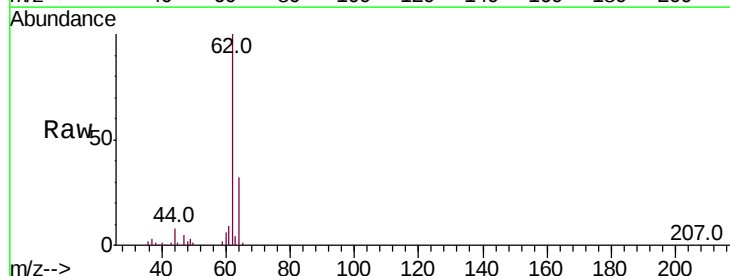
Acq: 17 Sep 2020 11:58

Tgt Ion: 62 Resp: 69287

Ion Ratio Lower Upper

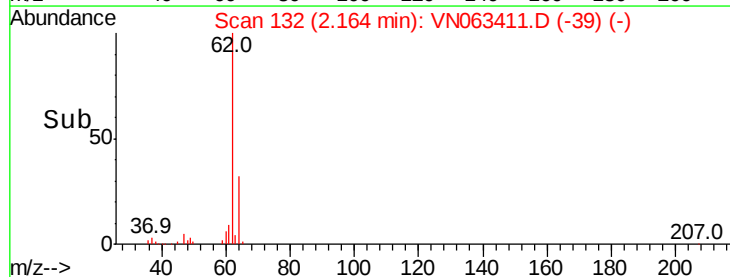
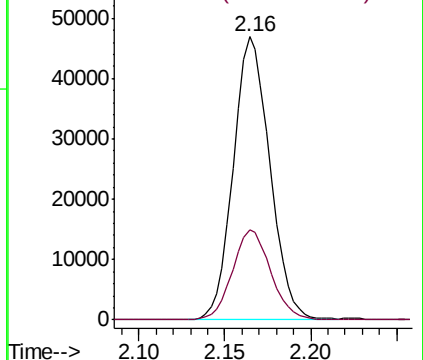
62 100

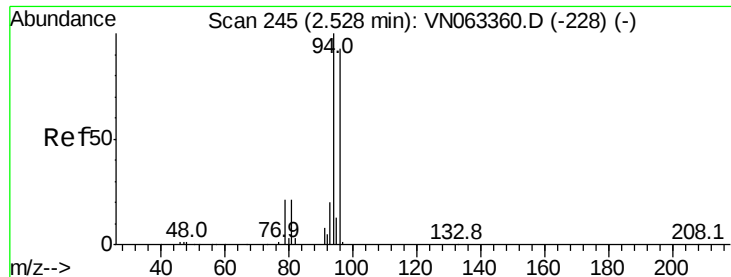
64 32.0 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 21.333 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

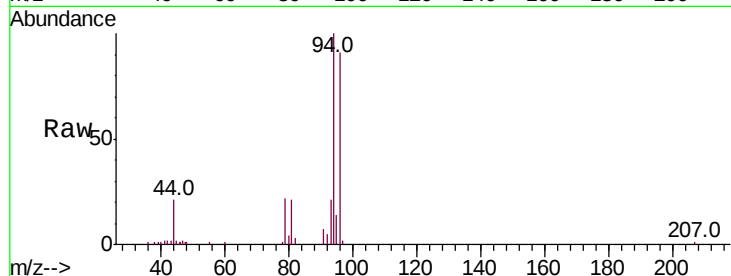
VN0917WBS01

Tot Ion: 94 Resp: 44872

Ion Ratio Lower Upper

94 100

96 91.3 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

25000

20000

15000

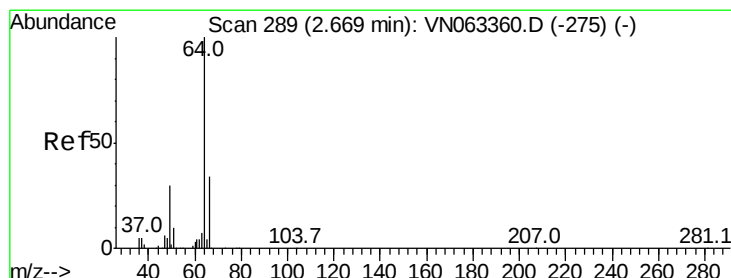
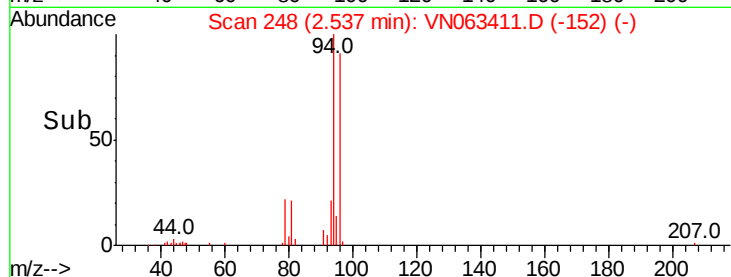
10000

5000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 19.505 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063411.D

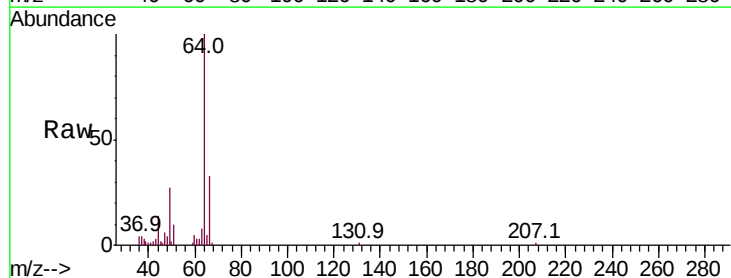
Acq: 17 Sep 2020 11:58

Tgt Ion: 64 Resp: 42416

Ion Ratio Lower Upper

64 100

66 32.6 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

25000

20000

15000

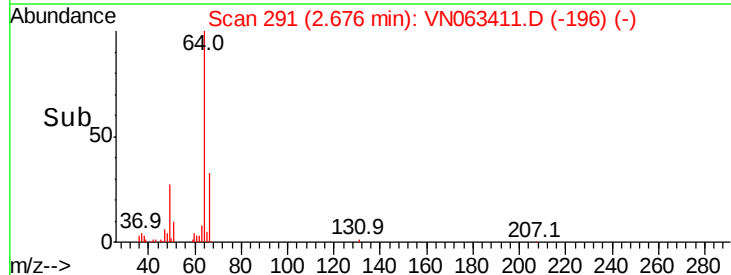
10000

5000

0

Time-->

2.60 2.65 2.70 2.75



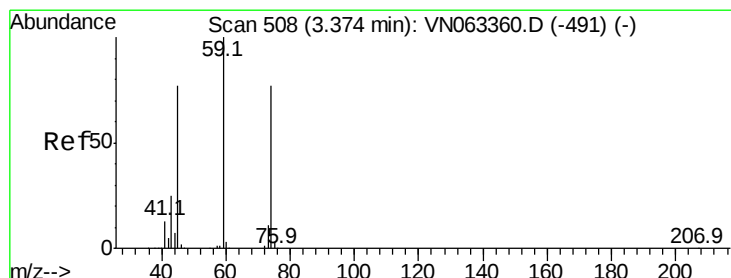
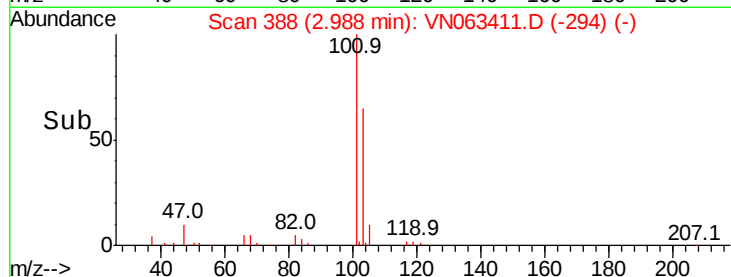
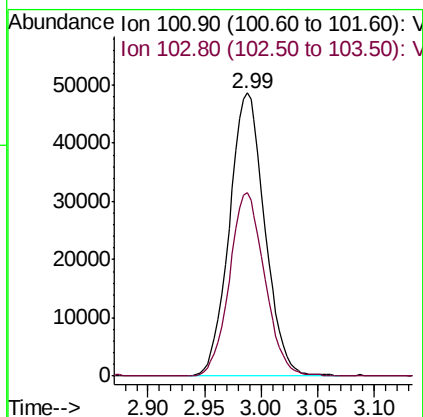
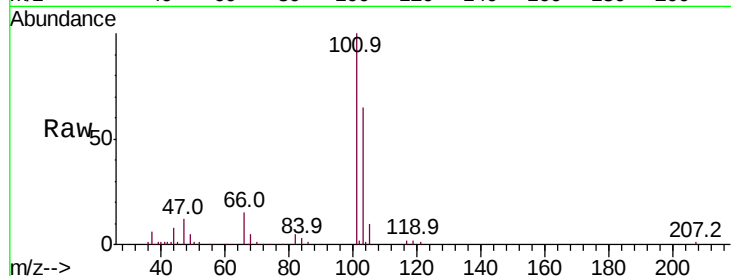


#7

Trichlorofluoromethane
 Concen: 20.033 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063411.D
 Acq: 17 Sep 2020 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

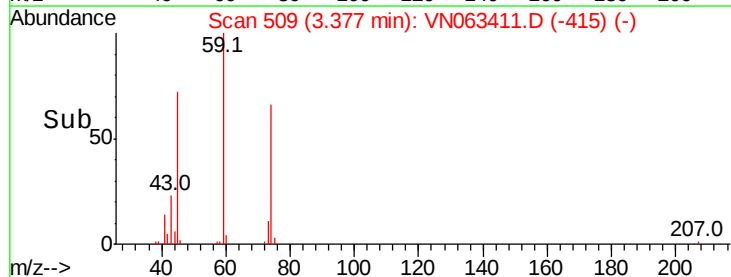
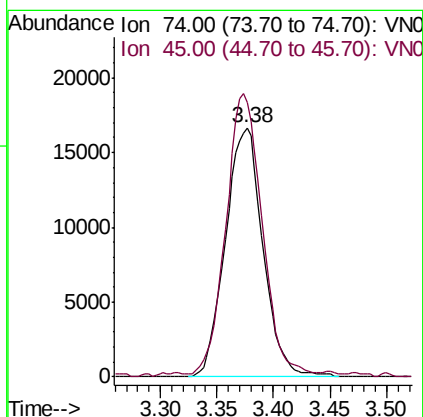
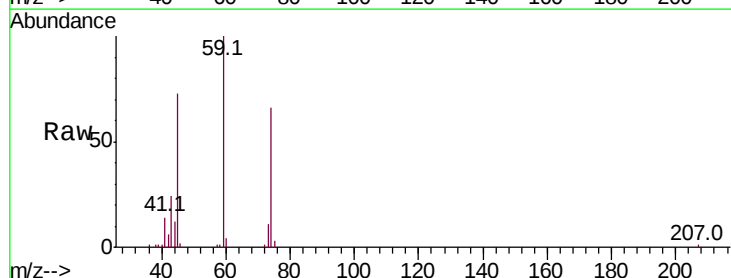
Tot Ion:101 Resp: 105888
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.3 78.5

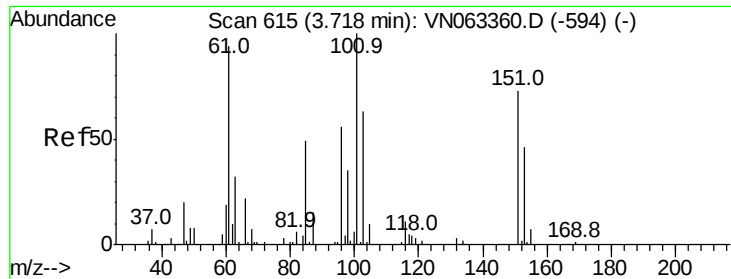


#8

Diethyl Ether
 Concen: 18.657 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063411.D
 Acq: 17 Sep 2020 11:58

Tgt Ion: 74 Resp: 38443
 Ion Ratio Lower Upper
 74 100
 45 107.7 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.065 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

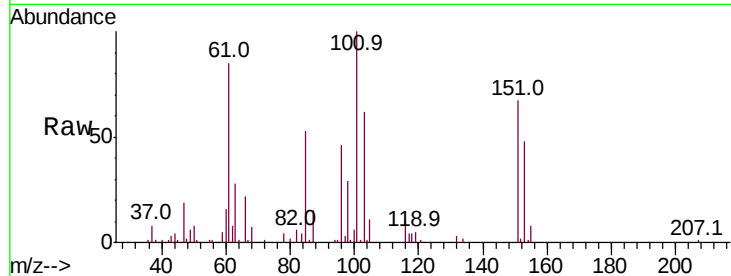
Tot Ion:101 Resp: 59643

Ion Ratio Lower Upper

101 100

85 48.0 37.7 56.5

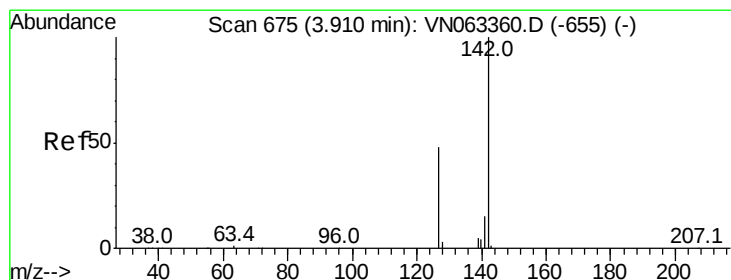
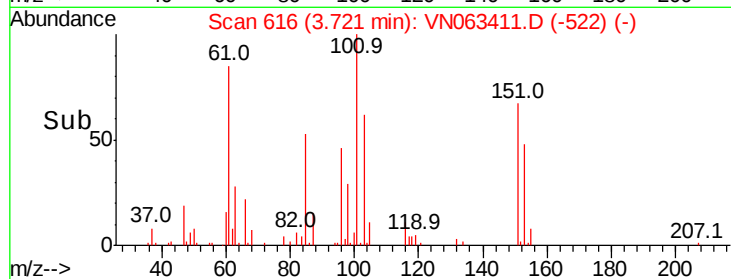
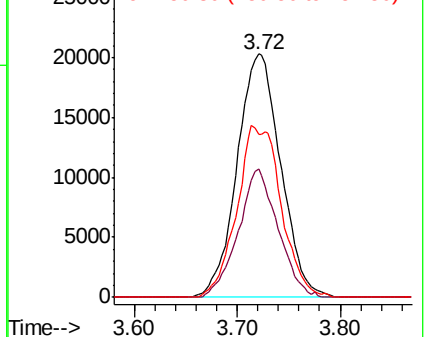
151 71.5 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.603 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

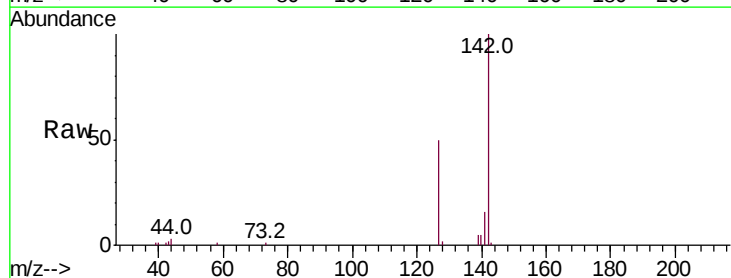
Tgt Ion:142 Resp: 71995

Ion Ratio Lower Upper

142 100

127 49.8 39.0 58.6

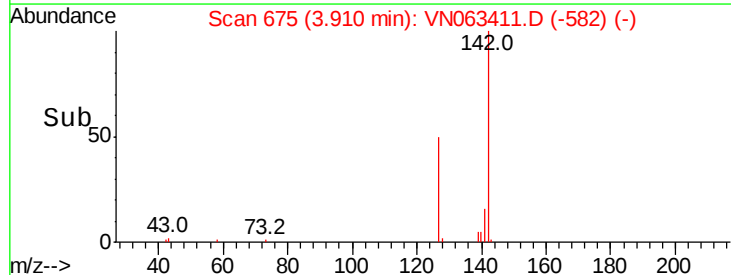
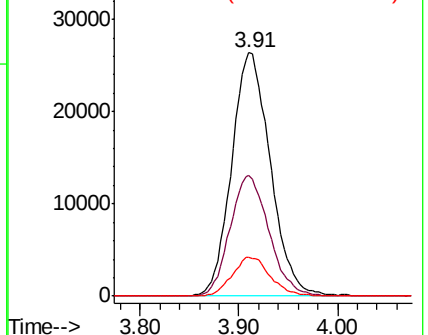
141 15.6 11.6 17.4

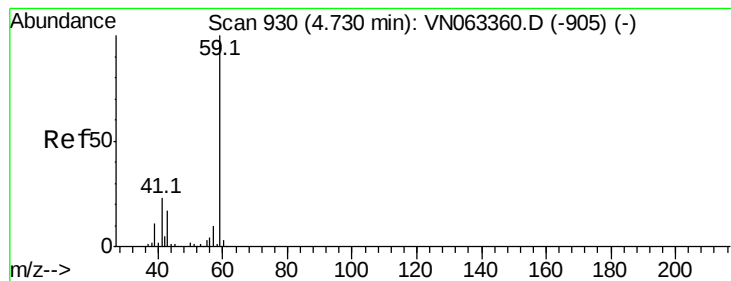


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



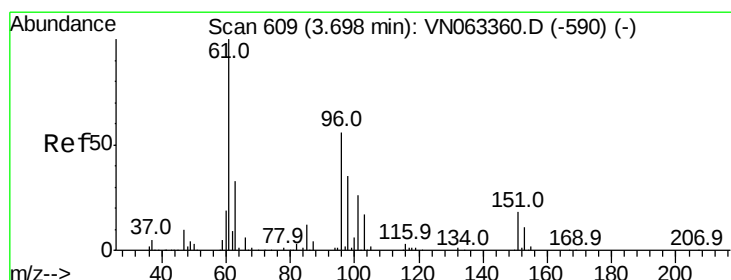
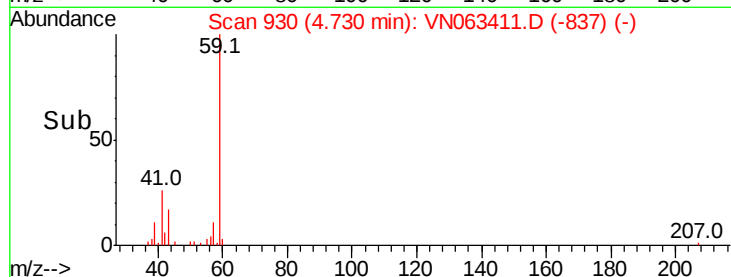
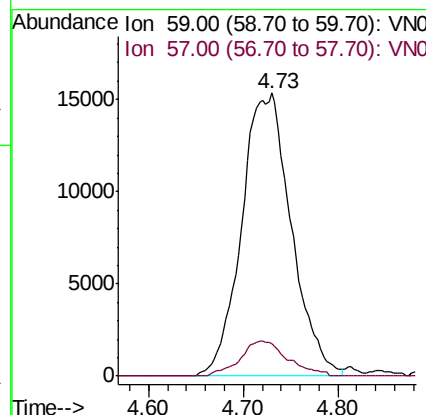
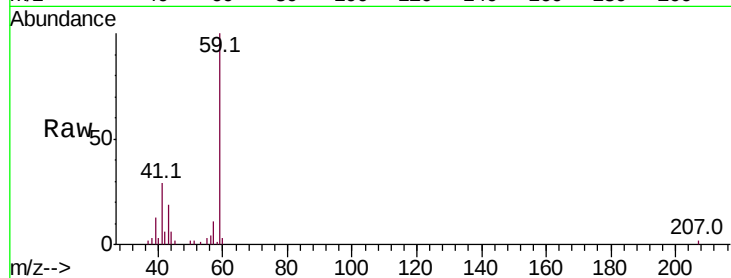


#11

Tert butyl alcohol
 Concen: 88.749 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN063411.D
 Acq: 17 Sep 2020 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

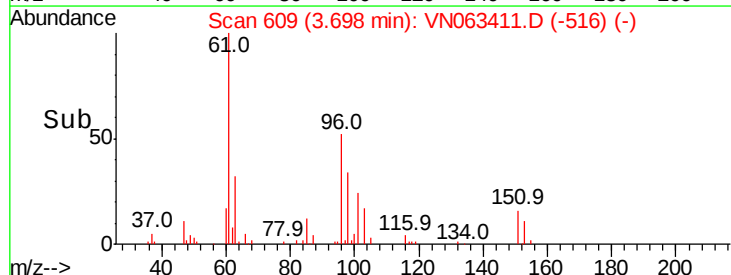
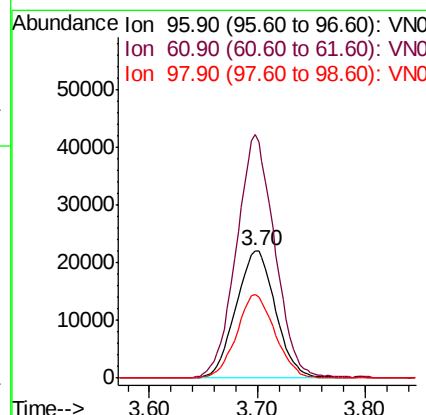
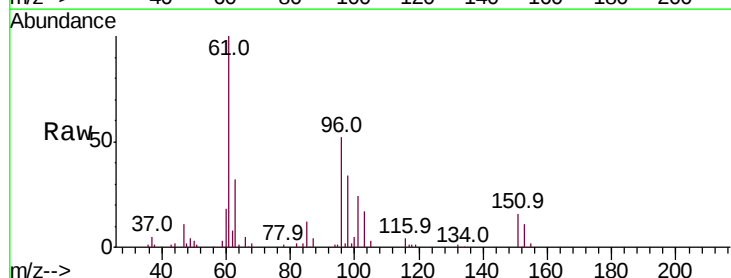
Tot Ion: 59 Resp: 55839
 Ion Ratio Lower Upper
 59 100
 57 12.0 8.4 12.6

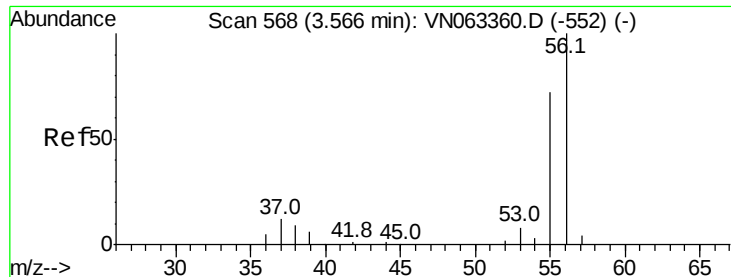


#12

1,1-Dichloroethene
 Concen: 18.750 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063411.D
 Acq: 17 Sep 2020 11:58

Tgt Ion: 96 Resp: 56454
 Ion Ratio Lower Upper
 96 100
 61 191.2 143.4 215.2
 98 65.7 50.6 76.0





#13

Acrolein

Concen: 94.907 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampled :

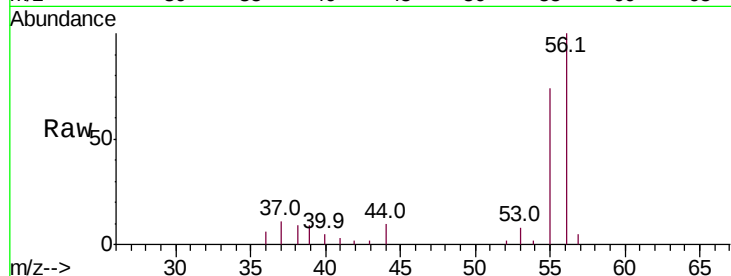
VN0917WBS01

Tot Ion: 56 Resp: 22129

Ion Ratio Lower Upper

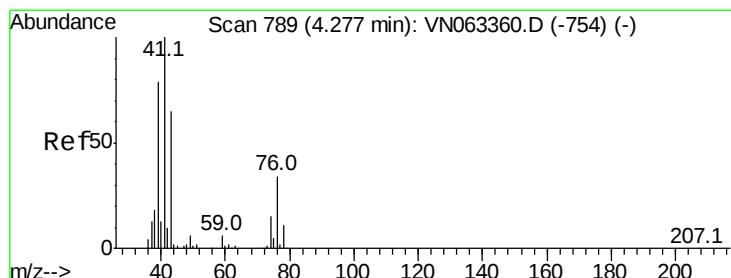
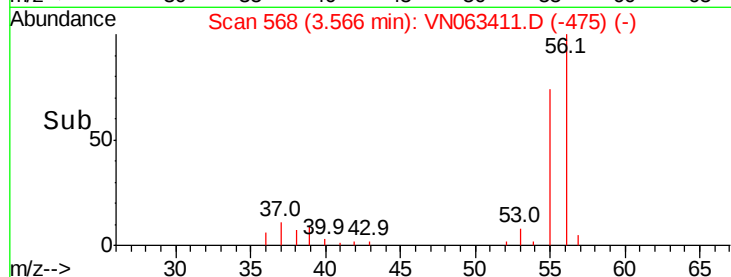
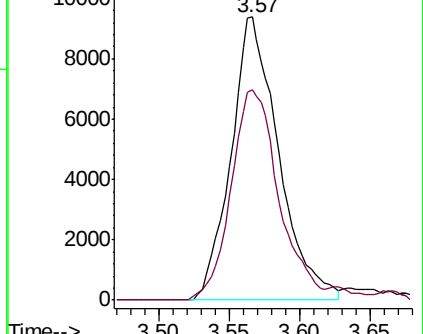
56 100

55 74.4 58.2 87.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.210 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

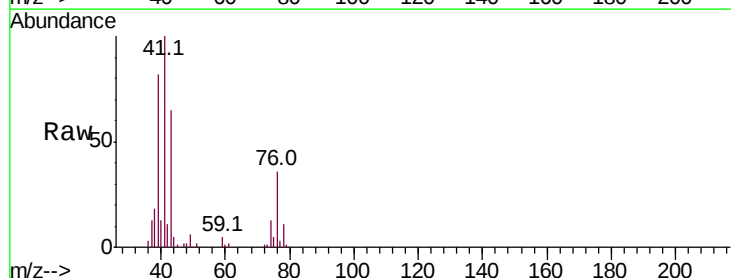
Tgt Ion: 41 Resp: 114407

Ion Ratio Lower Upper

41 100

39 75.1 59.3 88.9

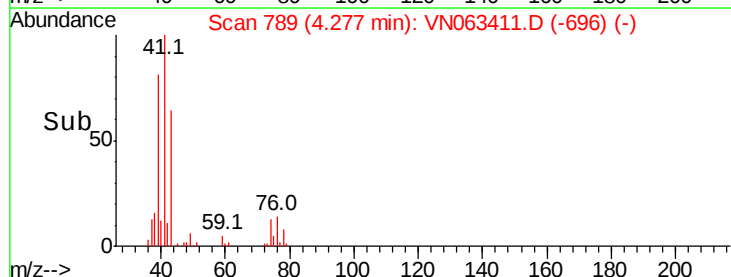
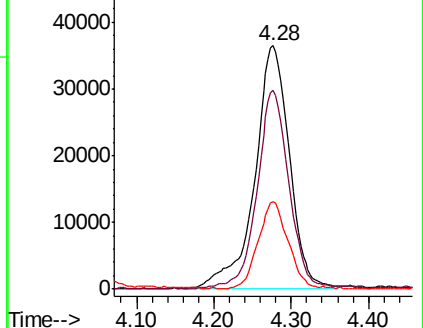
76 30.9 25.3 37.9

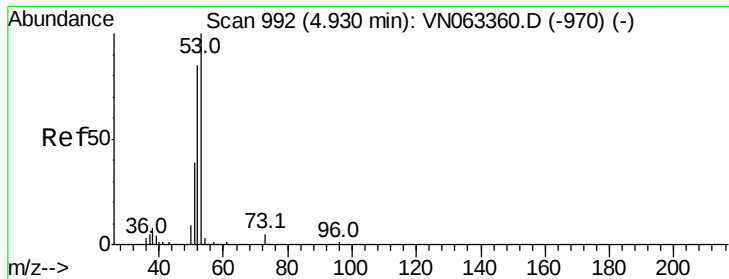


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 95.691 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

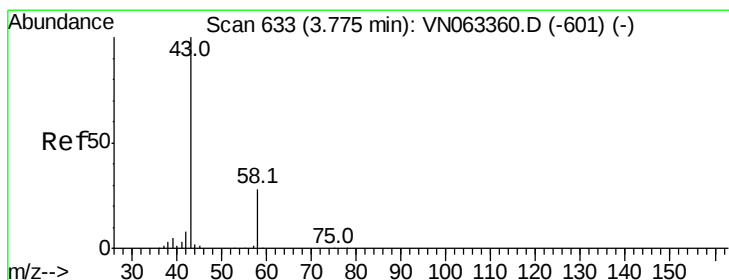
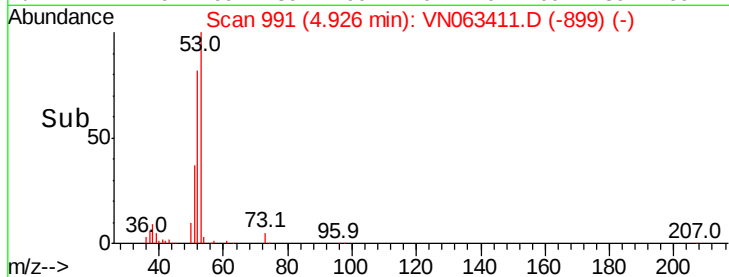
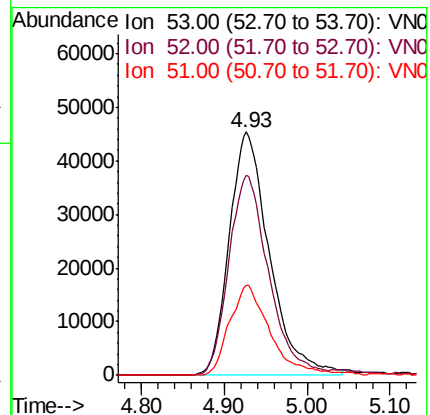
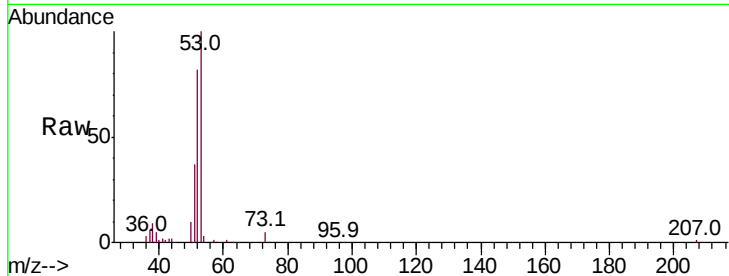
Tot Ion: 53 Resp: 153146

Ion Ratio Lower Upper

53 100

52 81.4 66.4 99.6

51 37.3 30.2 45.4



#16

Acetone

Concen: 89.360 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063411.D

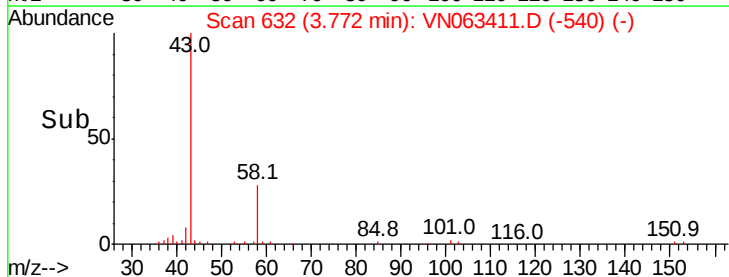
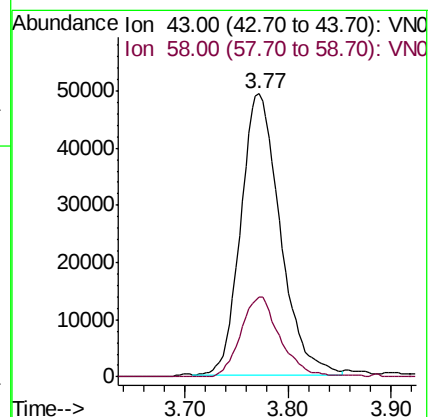
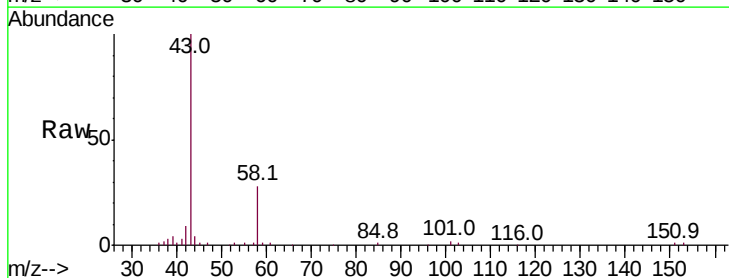
Acq: 17 Sep 2020 11:58

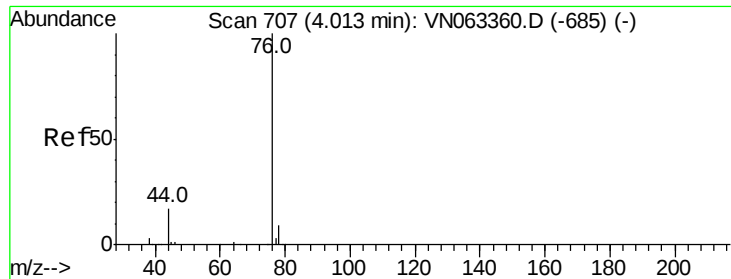
Tgt Ion: 43 Resp: 130431

Ion Ratio Lower Upper

43 100

58 28.2 22.3 33.5

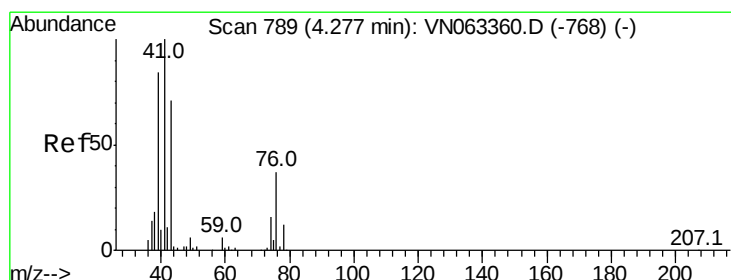
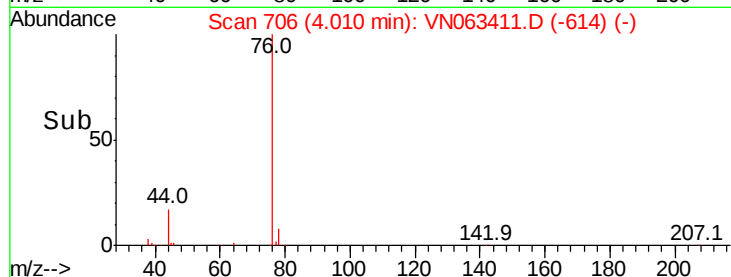
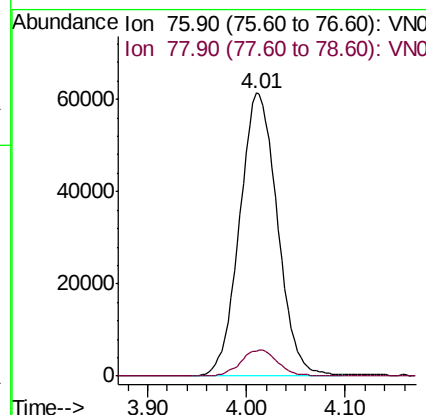
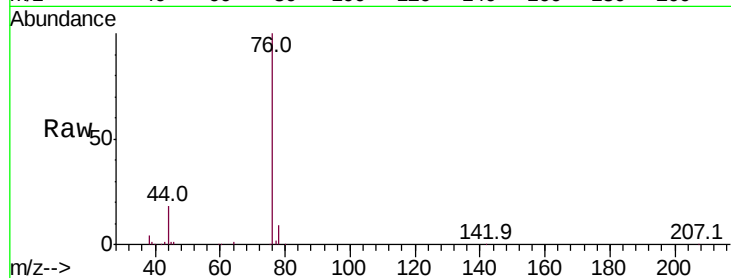




#17
Carbon Disulfide
Concen: 18.633 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

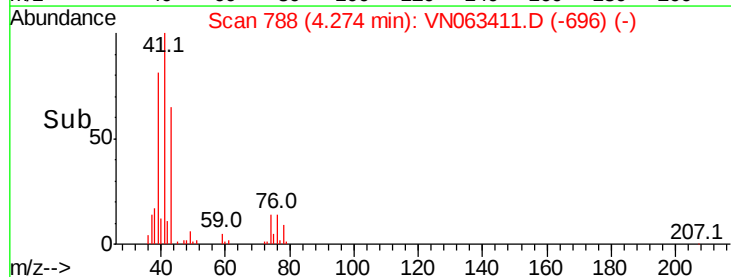
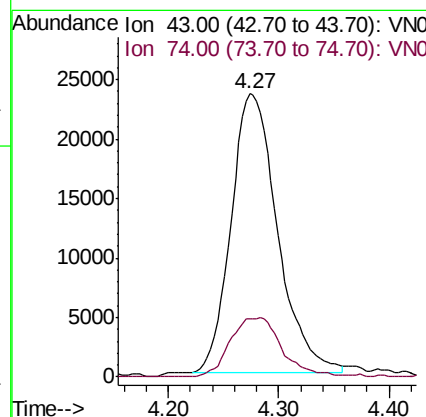
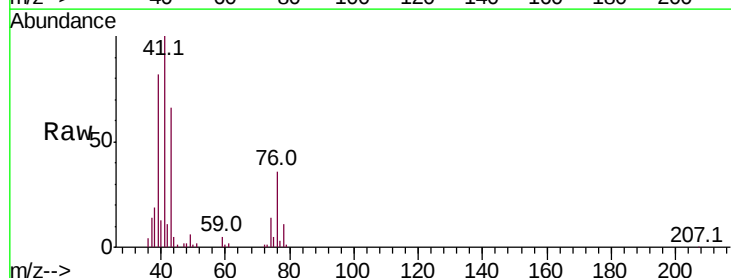
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS01

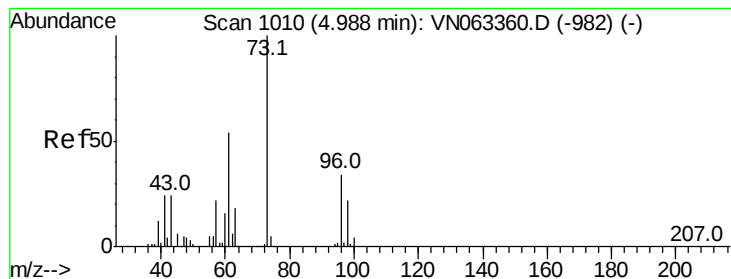
Tot Ion: 76 Resp: 163179
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 18.577 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

Tgt Ion: 43 Resp: 68837
Ion Ratio Lower Upper
43 100
74 23.0 17.4 26.2





#19

Methyl tert-butyl Ether

Concen: 18.738 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

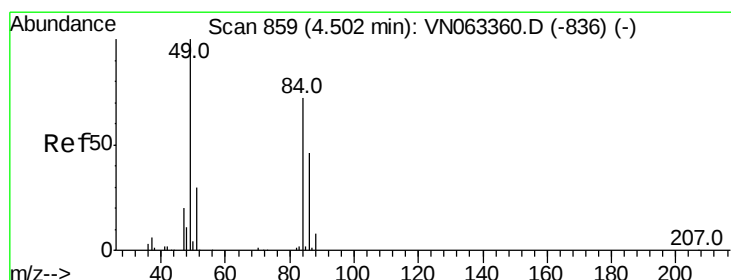
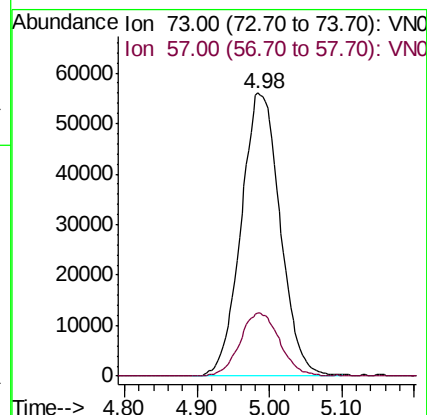
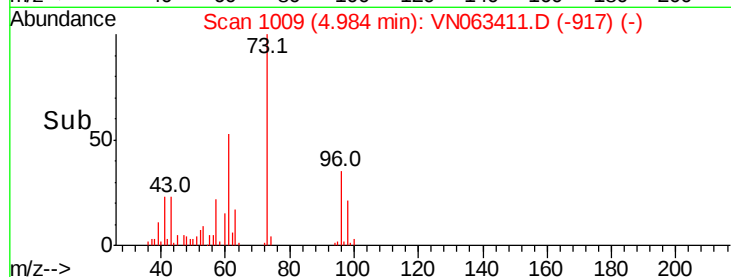
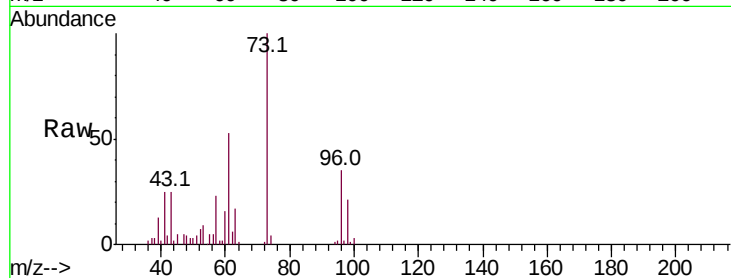
VN0917WBS01

Tot Ion: 73 Resp: 210271

Ion Ratio Lower Upper

73 100

57 22.5 17.9 26.9



#20

Methylene Chloride

Concen: 19.398 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Tgt Ion: 84 Resp: 71735

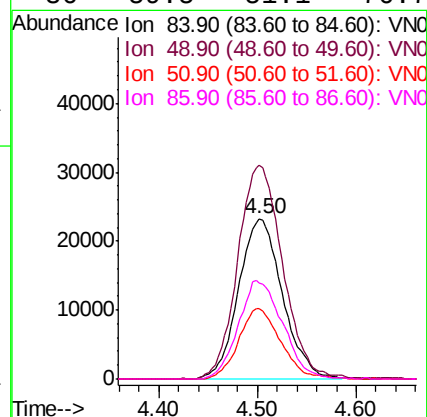
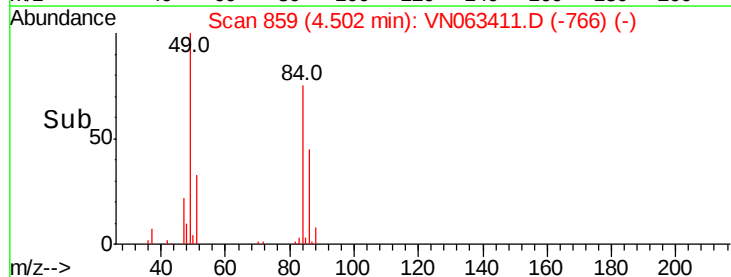
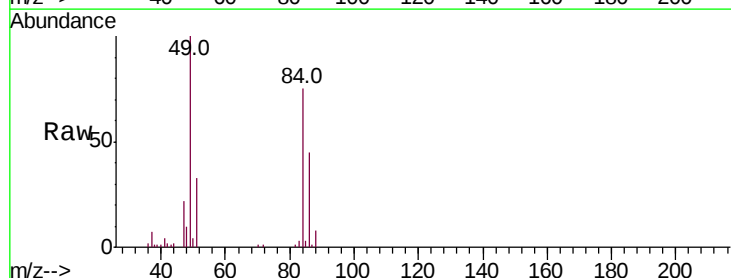
Ion Ratio Lower Upper

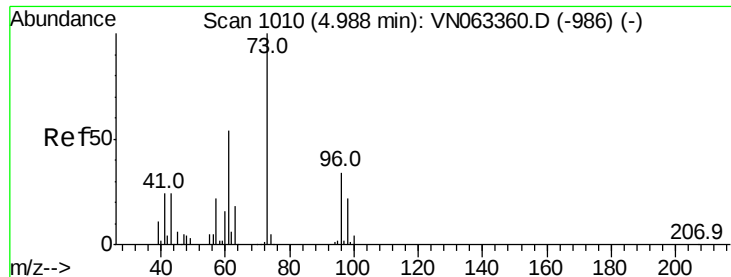
84 100

49 133.1 110.7 166.1

51 43.6 32.9 49.3

86 59.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.219 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

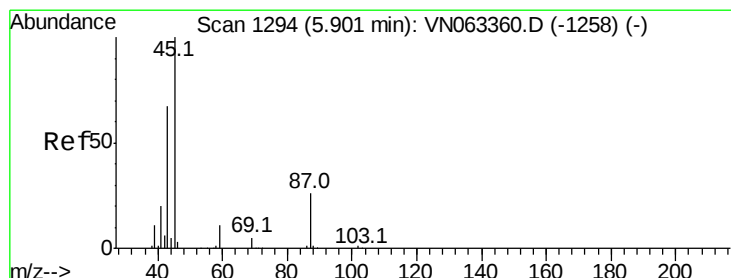
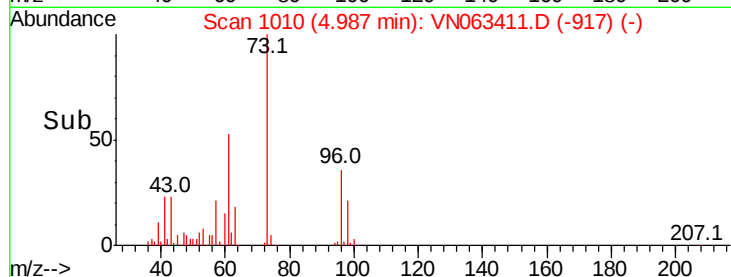
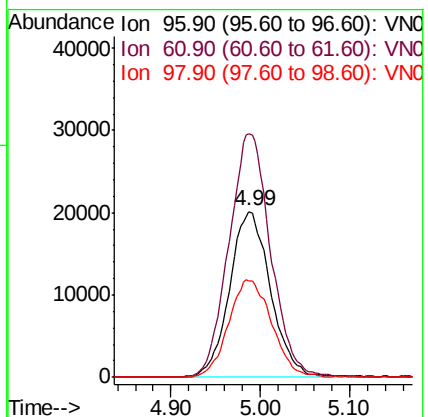
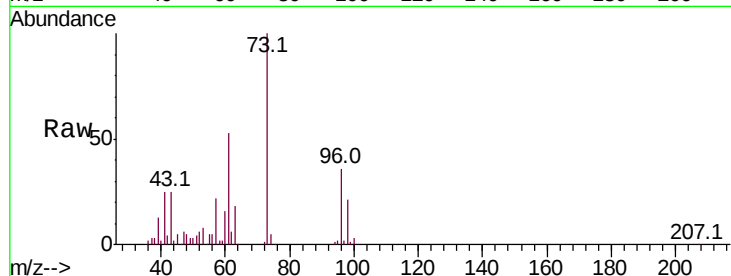
Tot Ion: 96 Resp: 64110

Ion Ratio Lower Upper

96 100

61 145.8 126.2 189.4

98 58.4 51.0 76.4



#22

Diisopropyl ether

Concen: 19.432 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Tgt Ion: 45 Resp: 236027

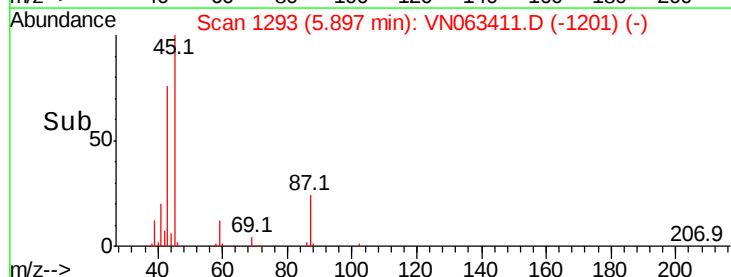
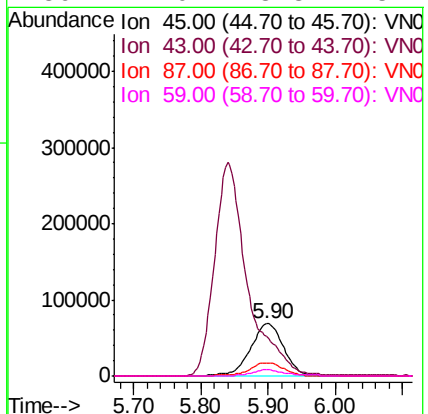
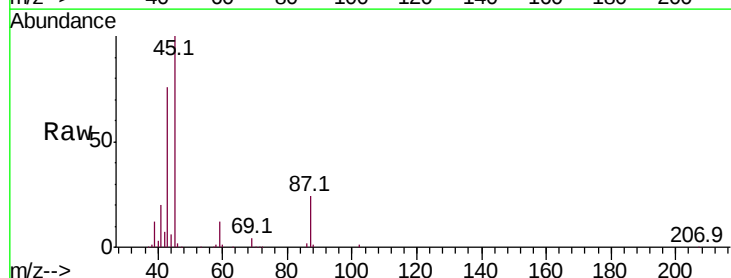
Ion Ratio Lower Upper

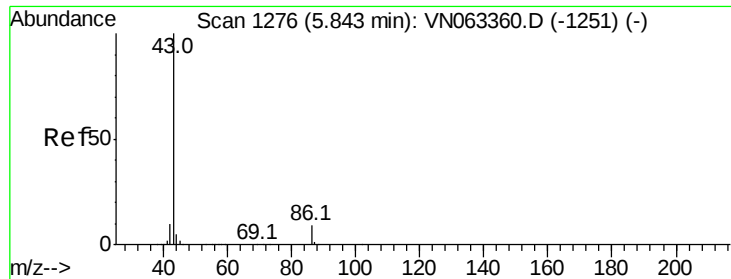
45 100

43 74.7 53.5 80.3

87 23.9 21.2 31.8

59 12.0 8.8 13.2





#23

Vinyl Acetate

Concen: 96.840 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

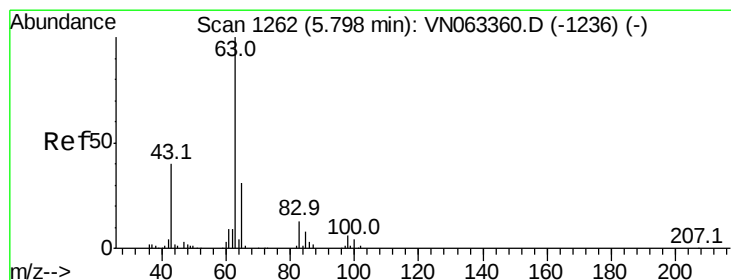
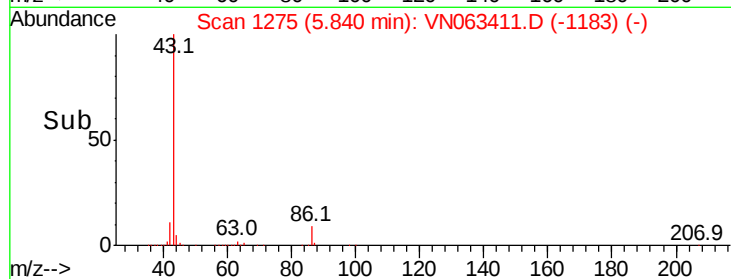
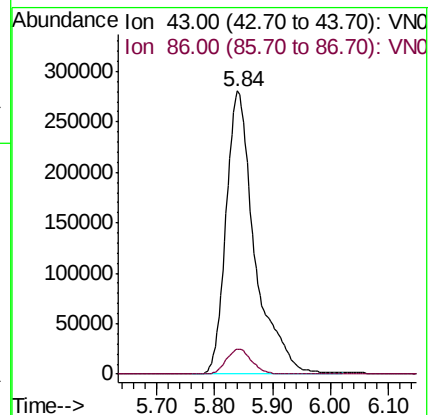
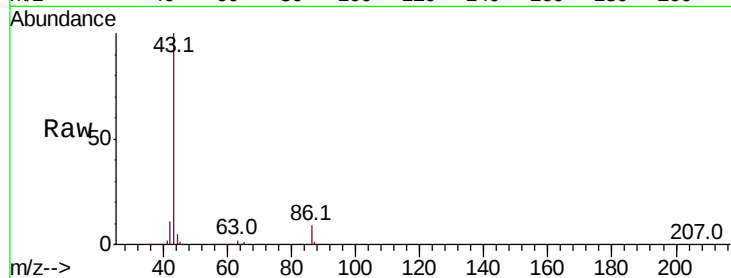
VN0917WBS01

Tot Ion: 43 Resp: 965991

Ion Ratio Lower Upper

43 100

86 8.9 7.1 10.7



#24

1,1-Dichloroethane

Concen: 19.005 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

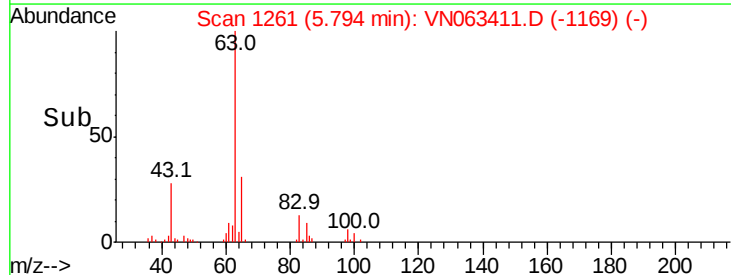
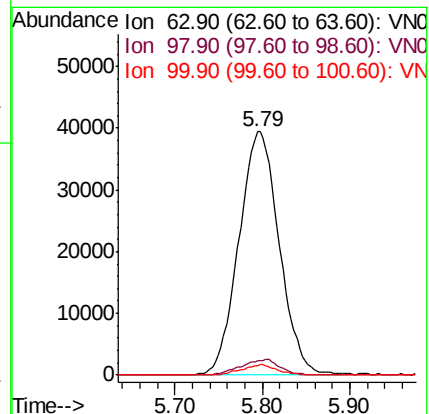
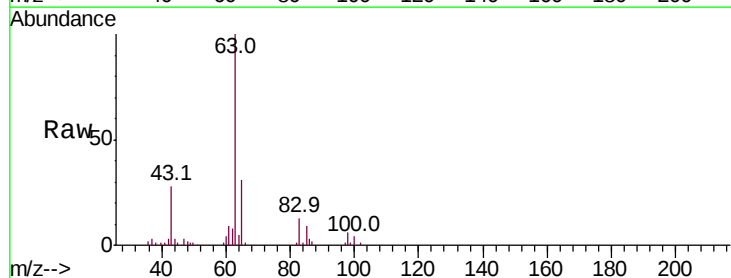
Tgt Ion: 63 Resp: 126029

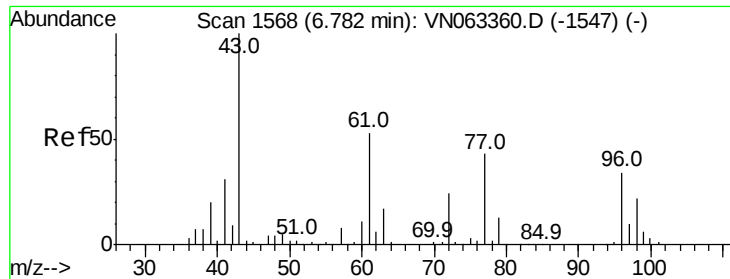
Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 4.1 2.1 6.3

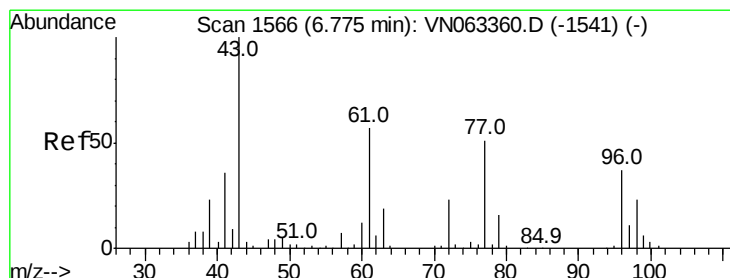
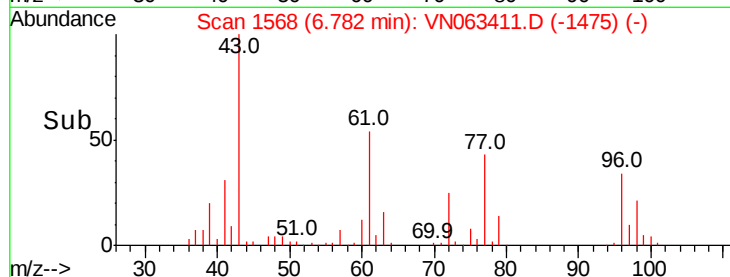
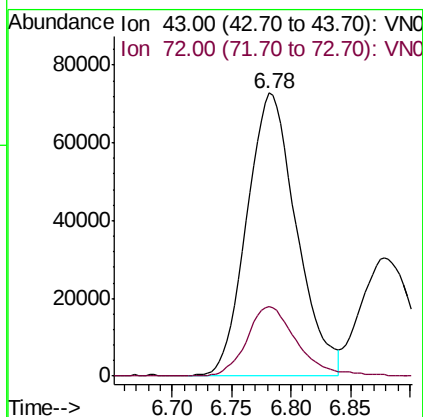
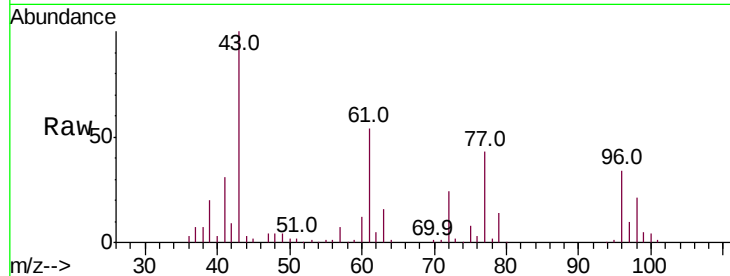




#25
2-Butanone
Concen: 93.276 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

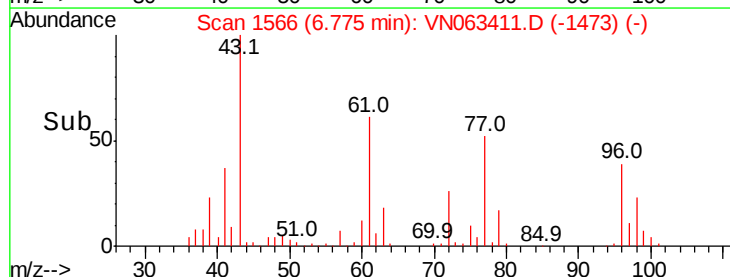
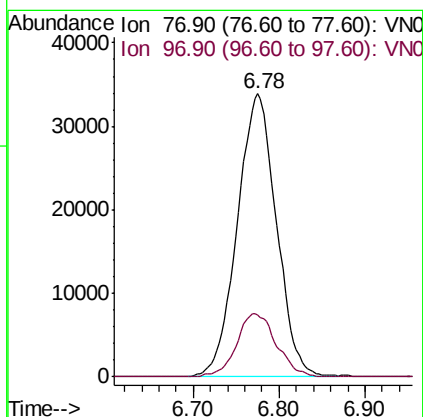
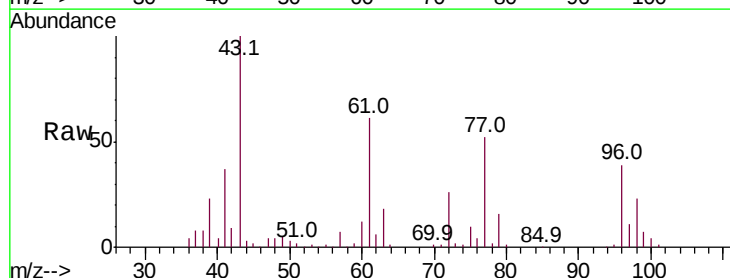
Instrument :
MSVOA_N
ClientSampled :
VN0917WBS01

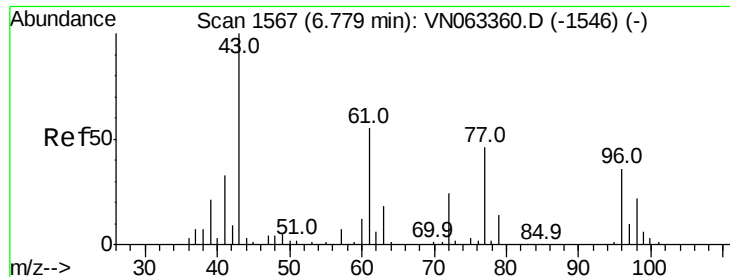
Tot Ion: 43 Resp: 209390
Ion Ratio Lower Upper
43 100
72 24.5 19.2 28.8



#26
2,2-Dichloropropane
Concen: 18.309 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

Tgt Ion: 77 Resp: 106897
Ion Ratio Lower Upper
77 100
97 22.6 10.5 31.6

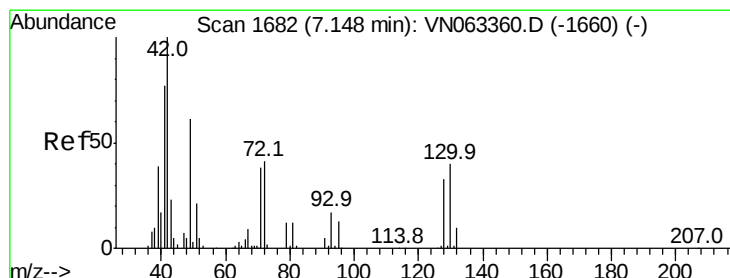
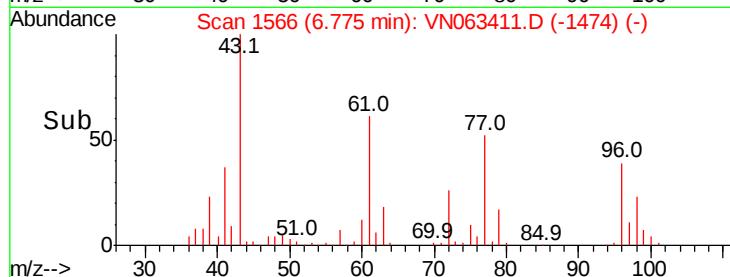
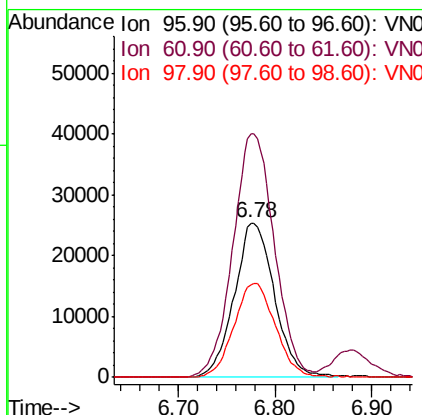
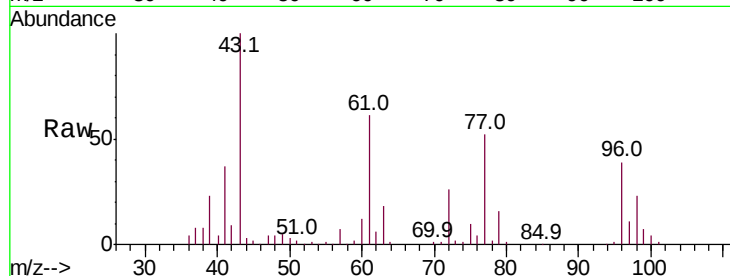




#27
 cis-1,2-Dichloroethene
 Concen: 19.408 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN063411.D
 Acq: 17 Sep 2020 11:58

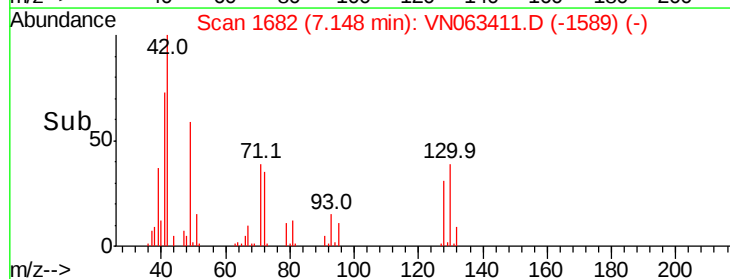
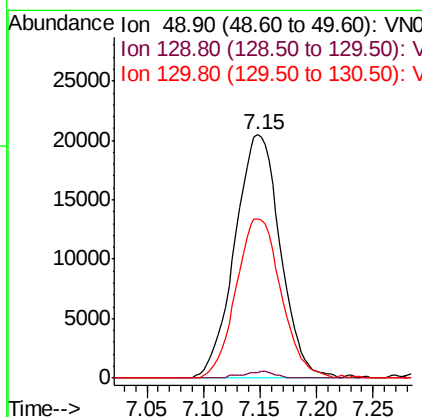
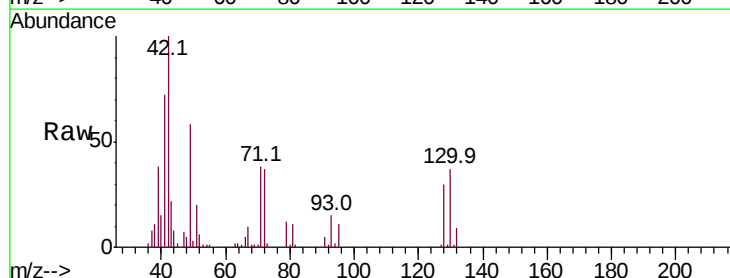
Instrument :
 MSVOA_N
 ClientSampled :
 VN0917WBS01

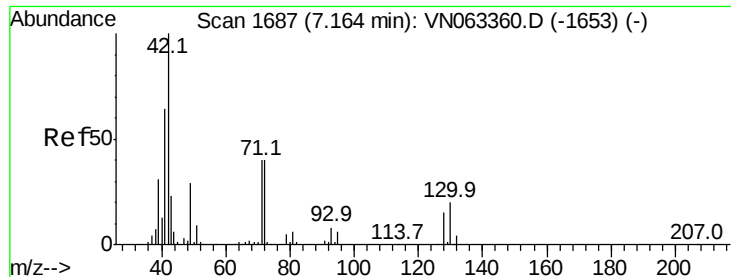
Tot Ion: 96 Resp: 73277
 Ion Ratio Lower Upper
 96 100
 61 162.4 0.0 319.6
 98 62.7 0.0 127.8



#28
 Bromochloromethane
 Concen: 18.708 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN063411.D
 Acq: 17 Sep 2020 11:58

Tgt Ion: 49 Resp: 57279
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 64.8 52.2 78.2





#29

Tetrahydrofuran

Concen: 93.261 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

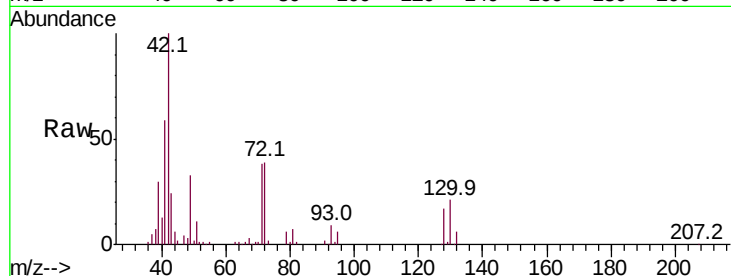
Tot Ion: 42 Resp: 142987

Ion Ratio Lower Upper

42 100

72 39.4 32.1 48.1

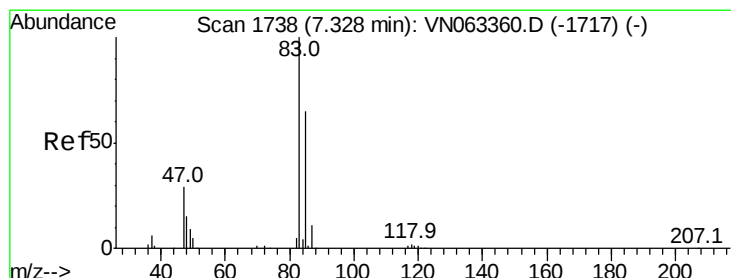
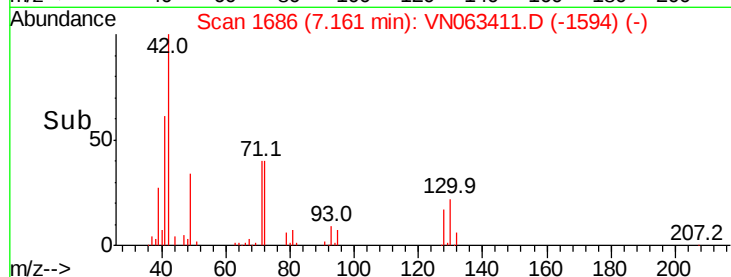
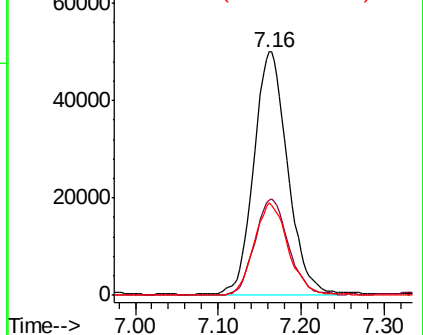
71 38.0 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.128 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063411.D

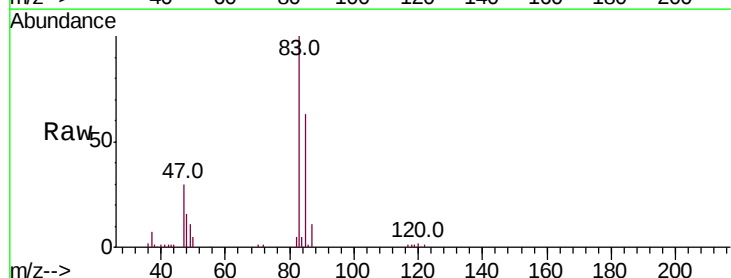
Acq: 17 Sep 2020 11:58

Tgt Ion: 83 Resp: 127256

Ion Ratio Lower Upper

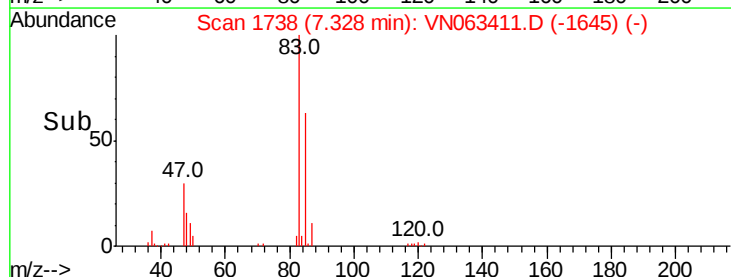
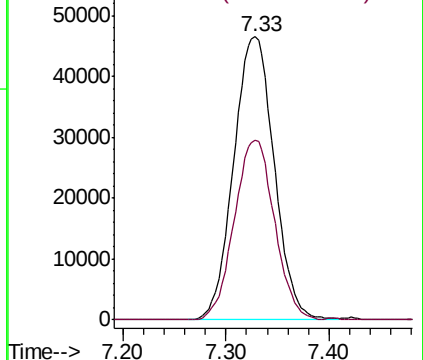
83 100

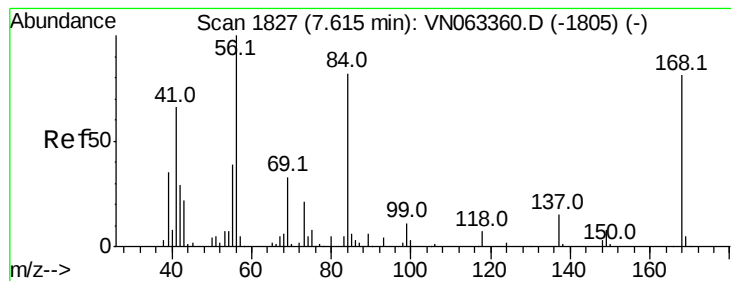
85 63.3 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.575 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

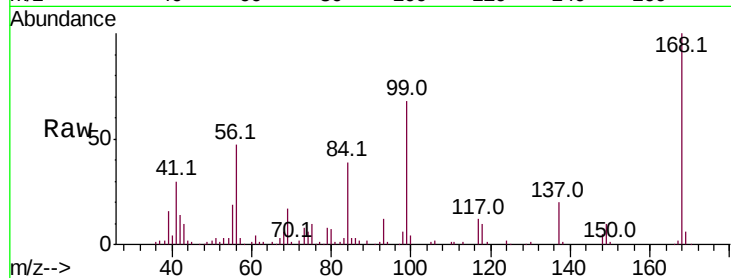
Tot Ion: 56 Resp: 116512

Ion Ratio Lower Upper

56 100

69 36.9 26.1 39.1

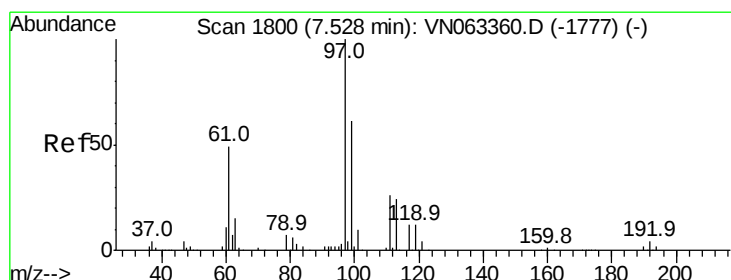
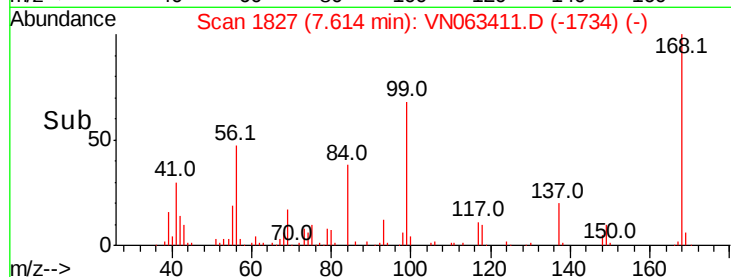
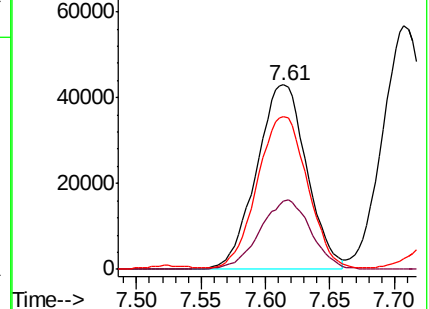
84 81.8 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.010 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

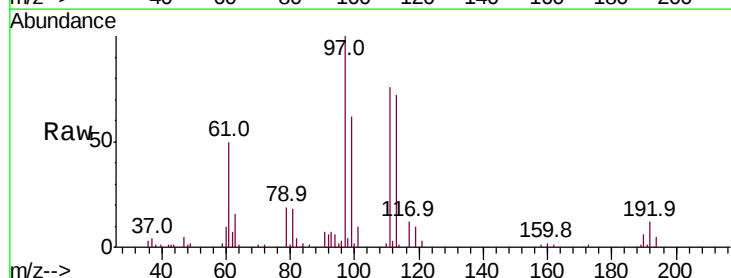
Tgt Ion: 97 Resp: 112488

Ion Ratio Lower Upper

97 100

99 63.1 50.6 76.0

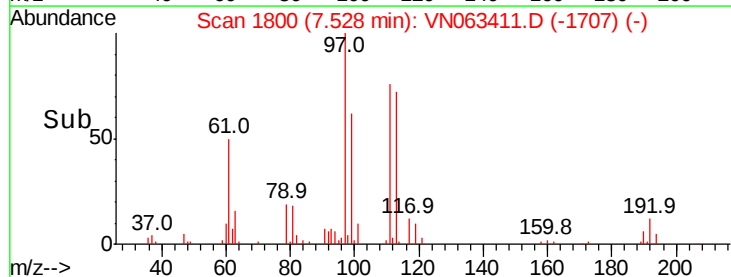
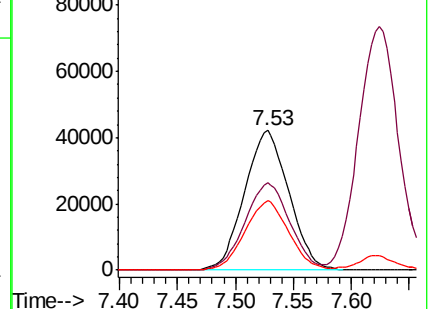
61 48.9 39.2 58.8

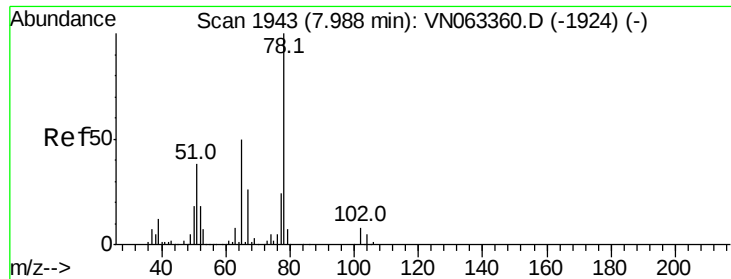


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

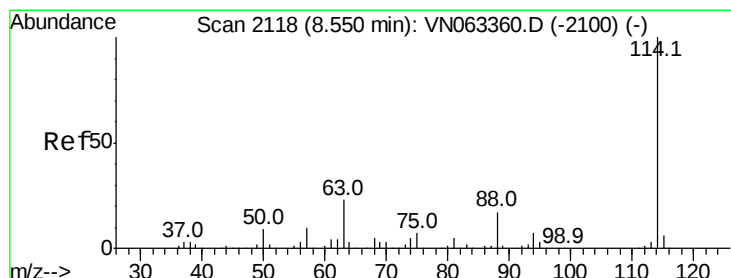
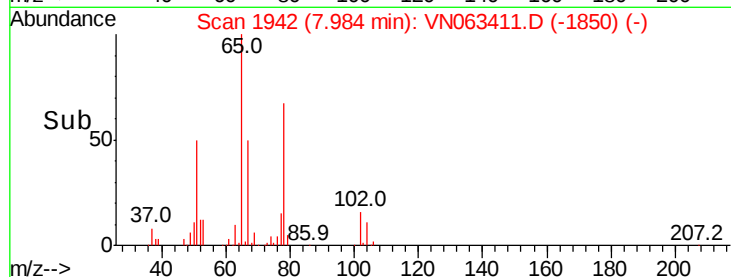
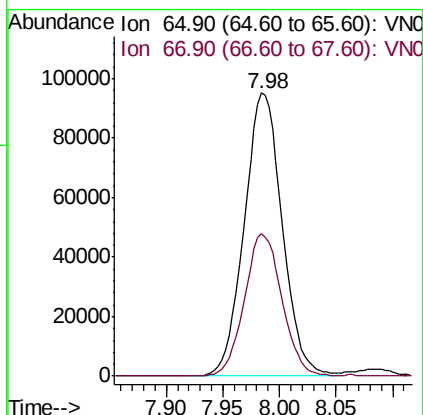
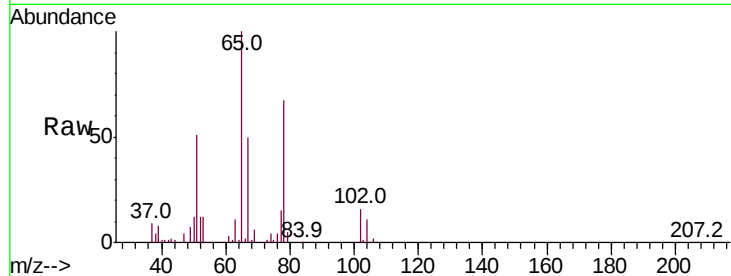




#33
 1,2-Dichloroethane-d4
 Concen: 49.027 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063411.D
 Acq: 17 Sep 2020 11:58

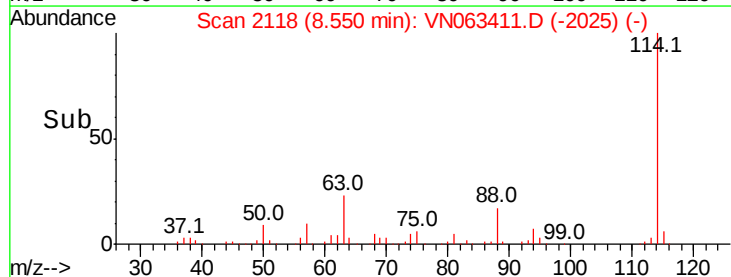
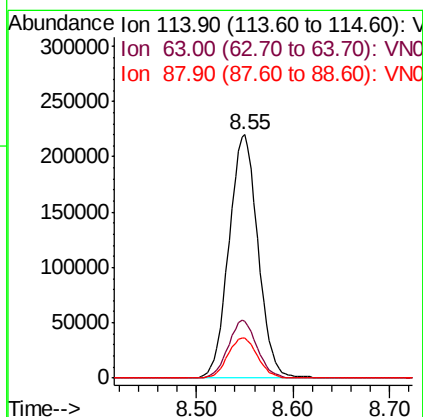
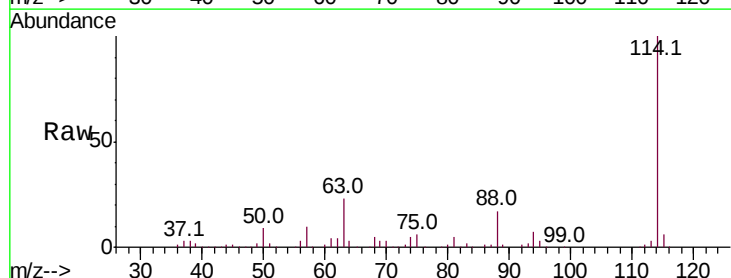
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

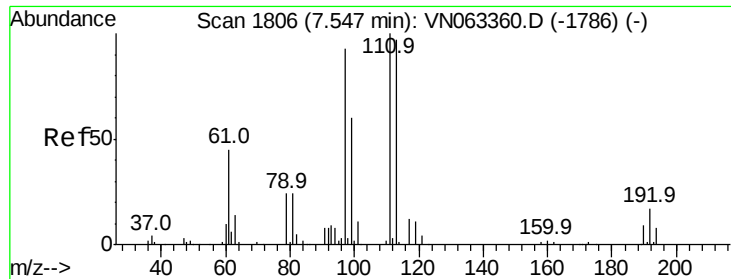
Tot Ion: 65 Resp: 222664
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063411.D
 Acq: 17 Sep 2020 11:58

Tgt Ion: 114 Resp: 458624
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.4
 88 16.6 0.0 33.2

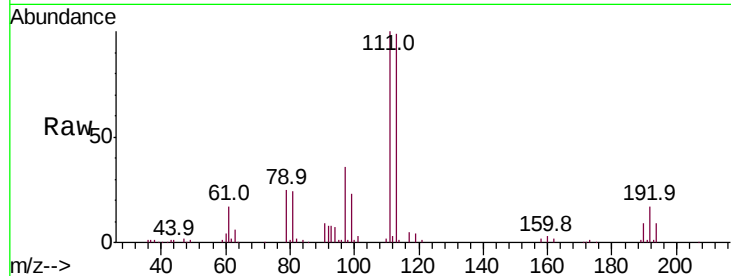




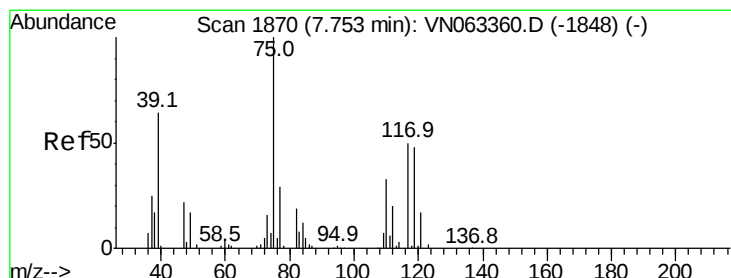
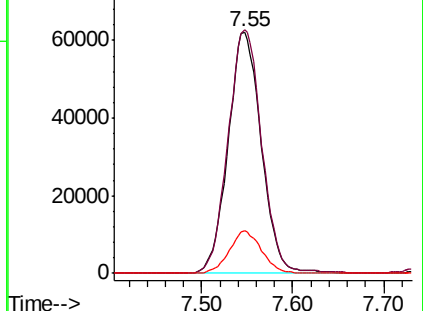
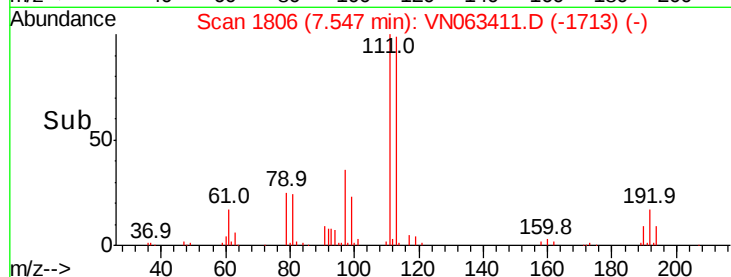
#35
Dibromofluoromethane
Concen: 49.656 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	17.0	13.9	20.9

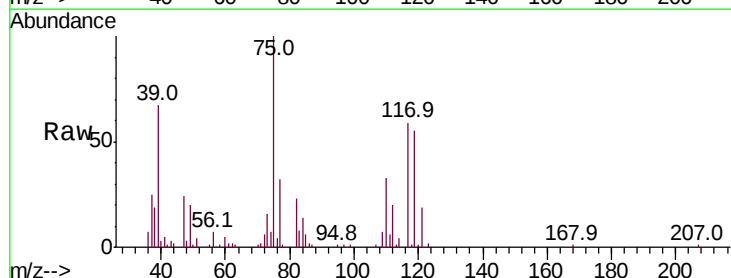


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

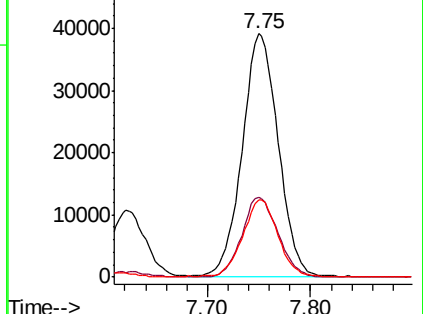
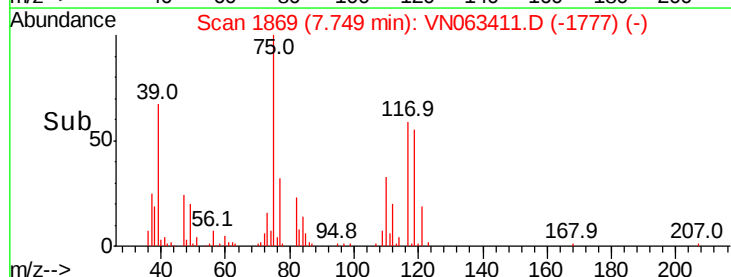


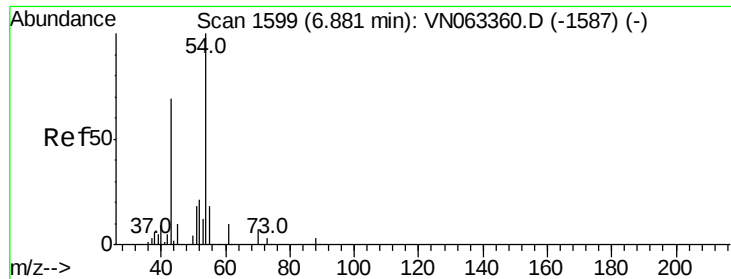
#36
1,1-Dichloropropene
Concen: 19.509 ug/l
RT: 7.75 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.6	16.5	49.5
77	31.1	24.6	36.8



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

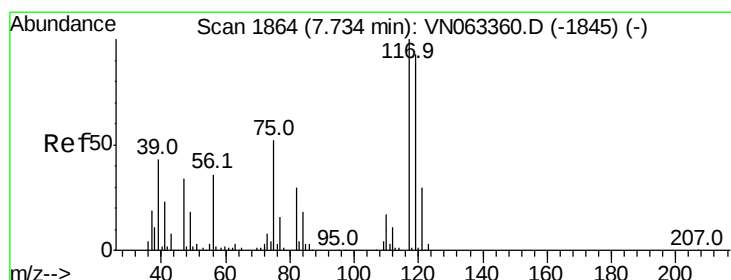
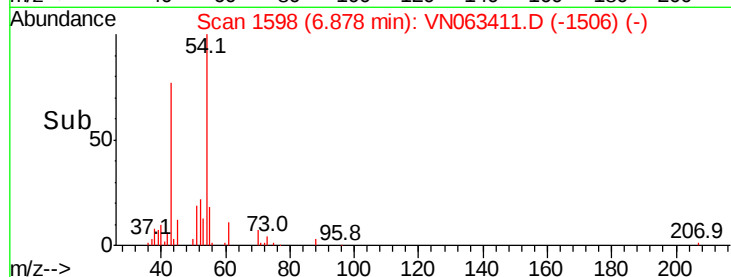
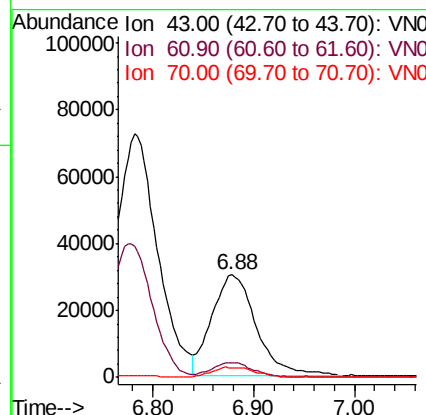
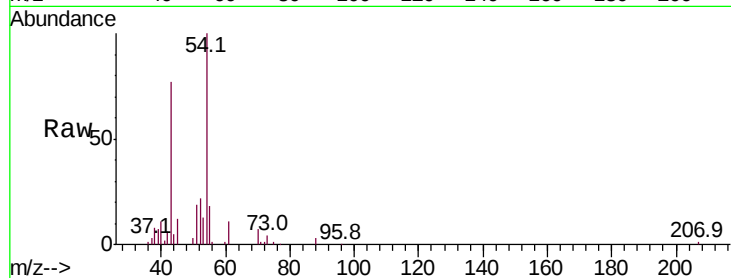




#37
Ethyl Acetate
Concen: 19.437 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

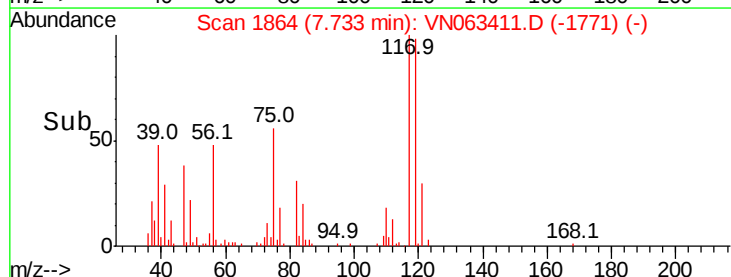
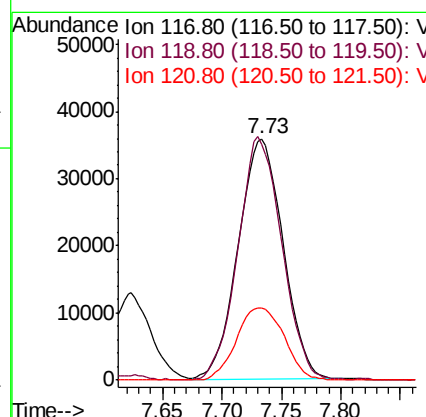
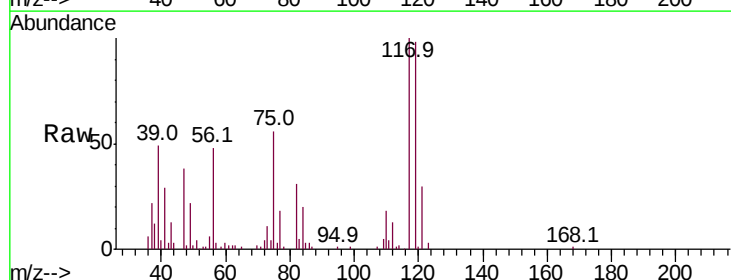
Instrument :
MSVOA_N
ClientSampled :
VN0917WBS01

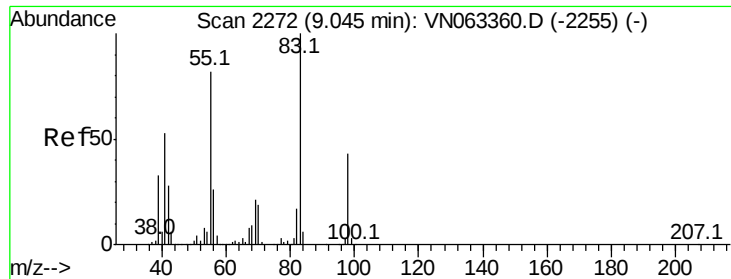
Tot Ion: 43 Resp: 93210
Ion Ratio Lower Upper
43 100
61 12.4 10.6 15.8
70 5.2 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 18.761 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

Tgt Ion: 117 Resp: 93572
Ion Ratio Lower Upper
117 100
119 97.8 74.5 111.7
121 30.0 24.1 36.1

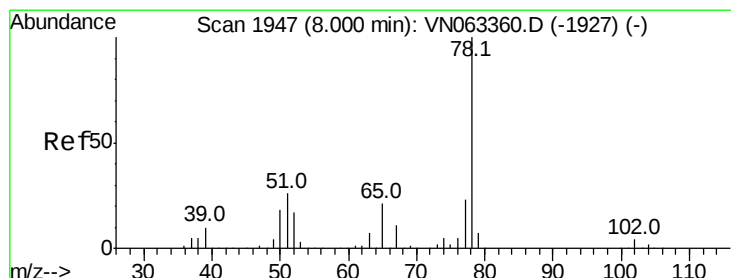
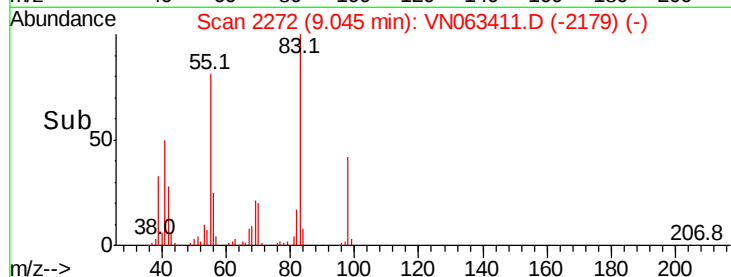
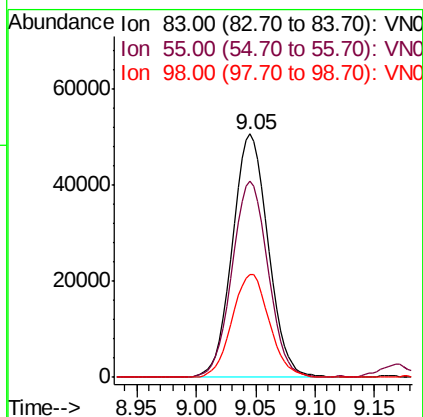
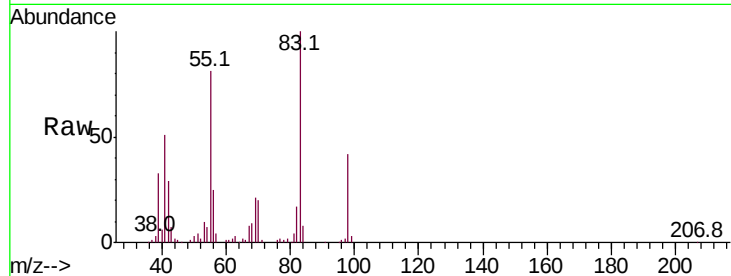




#39
Methvlcvclohexane
Concen: 19.935 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

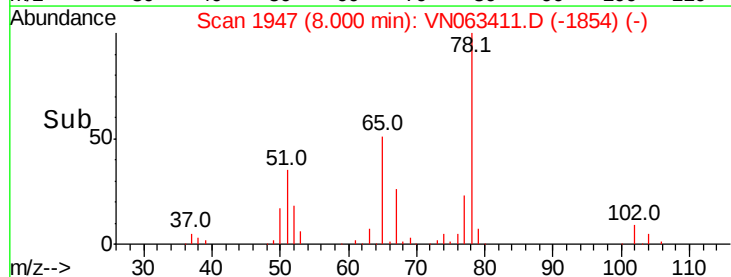
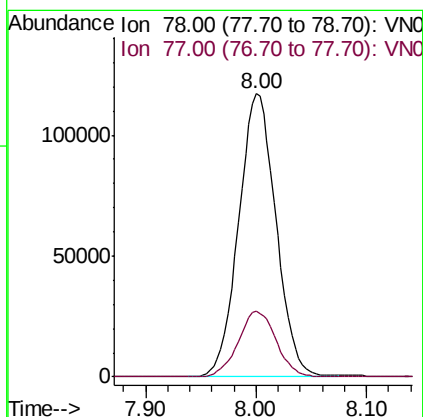
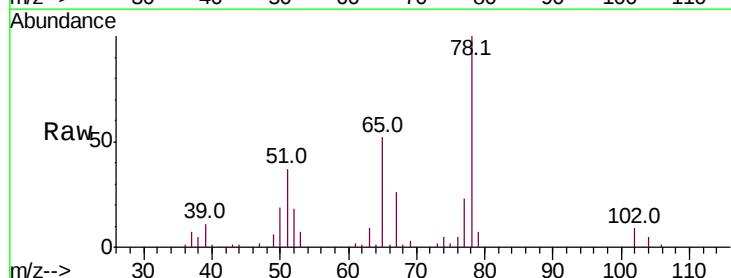
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS01

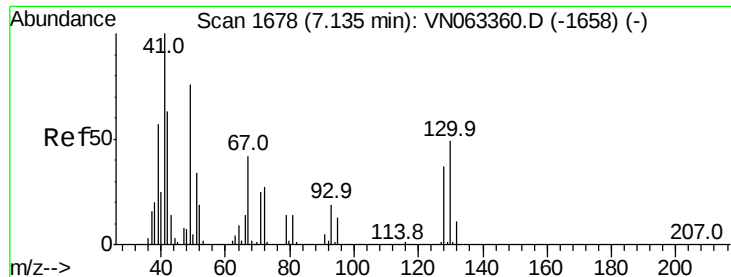
Tot Ion	83	Resp	105714
Ion	Ratio	Lower	Upper
83	100		
55	80.8	65.5	98.3
98	42.5	34.2	51.4



#40
Benzene
Concen: 19.714 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

Tgt Ion	78	Resp	274965
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.3	27.5

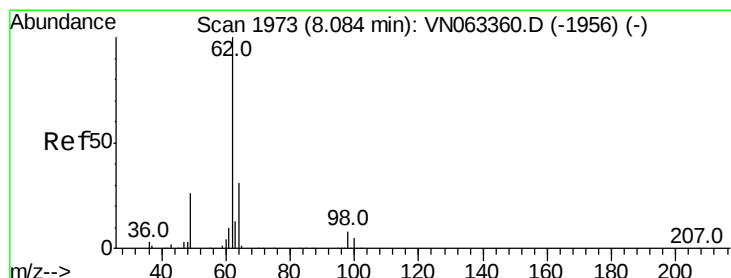
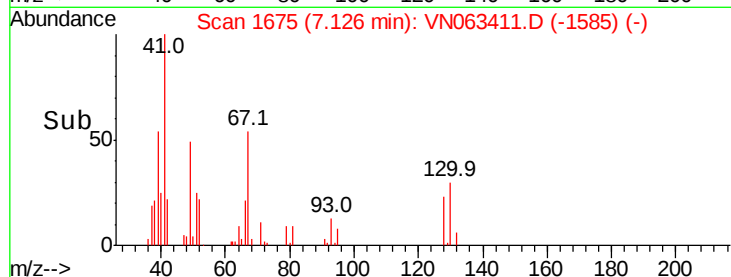
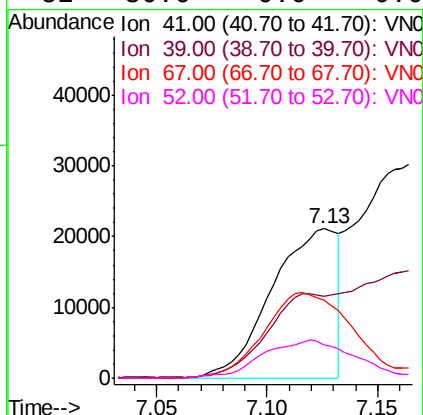
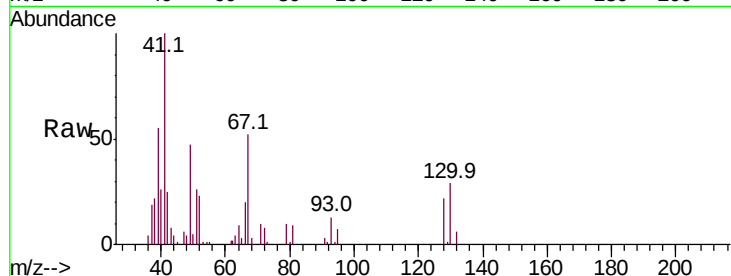




#41
Methacrylonitrile
Concen: 20.359 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

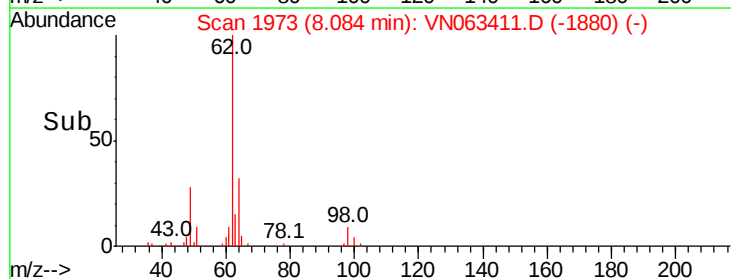
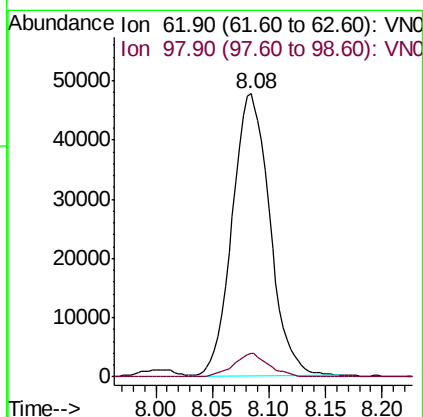
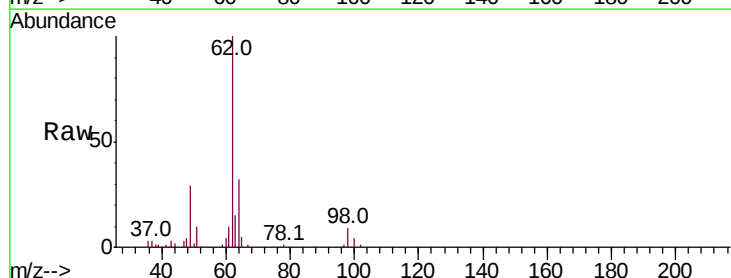
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS01

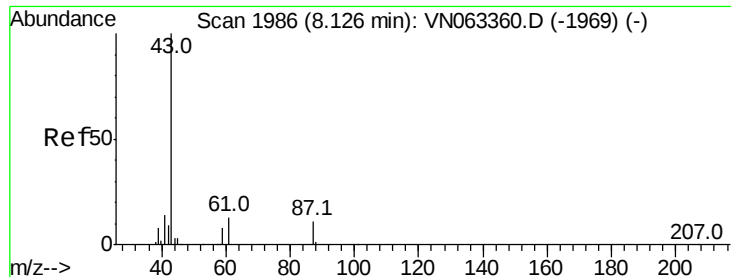
Tot Ion:	41	Resp:	43910
Ion	Ratio	Lower	Upper
41	100		
39	49.0	0.0	0.0#
67	79.2	0.0	0.0#
52	36.6	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.667 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

Tgt Ion:	62	Resp:	110313
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.6





#43

Isopropyl Acetate

Concen: 18.976 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

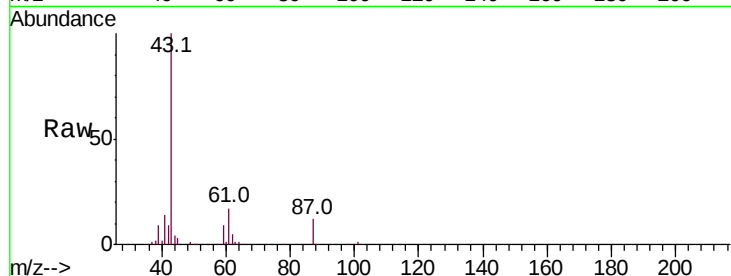
Tot Ion: 43 Resp: 162716

Ion Ratio Lower Upper

43 100

61 23.9 14.2 21.2#

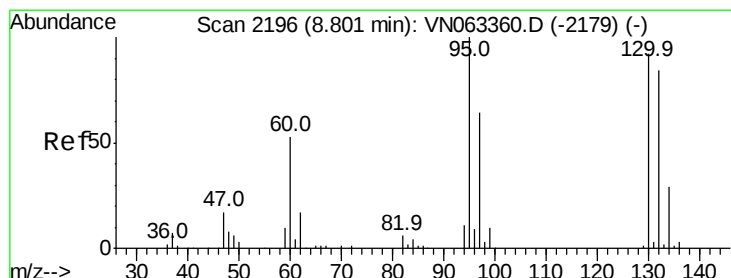
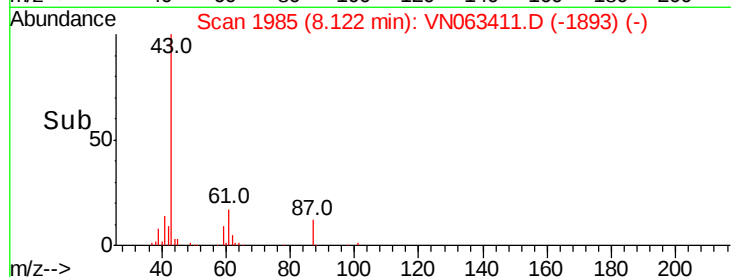
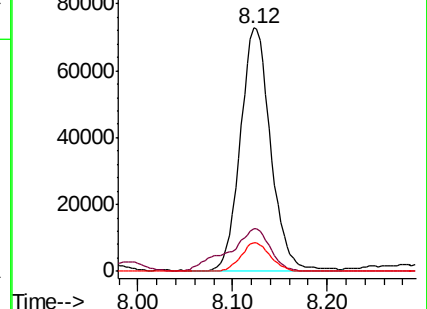
87 11.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063360.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1969) (-)



#44

Trichloroethene

Concen: 19.340 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063411.D

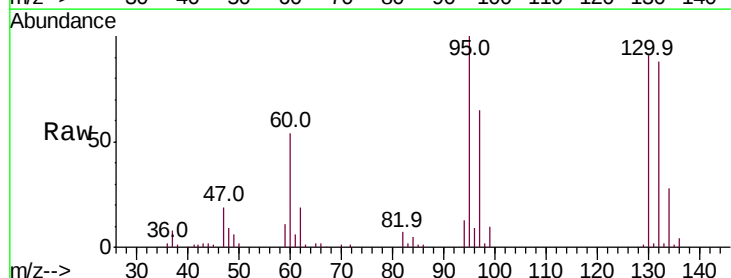
Acq: 17 Sep 2020 11:58

Tgt Ion:130 Resp: 65426

Ion Ratio Lower Upper

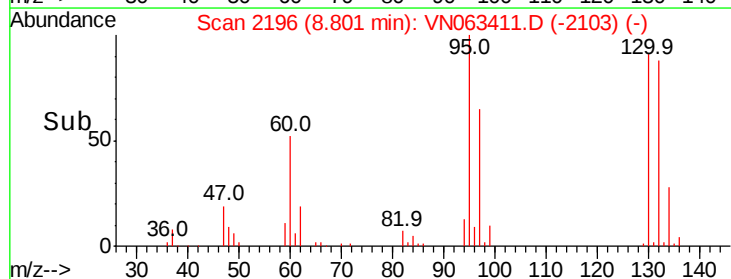
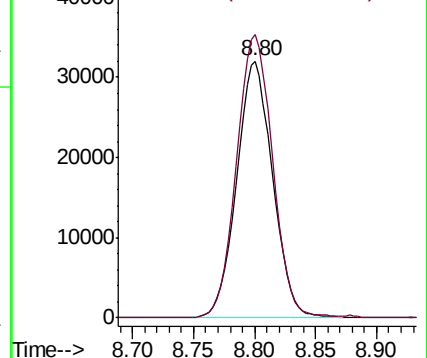
130 100

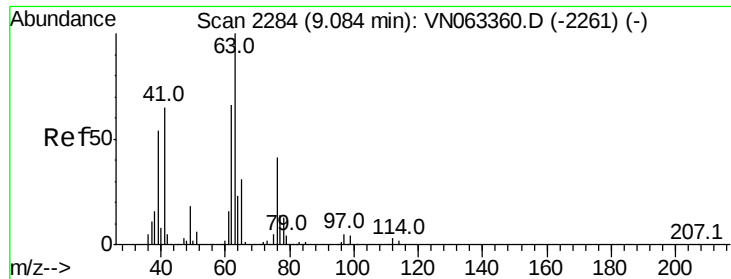
95 110.3 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)

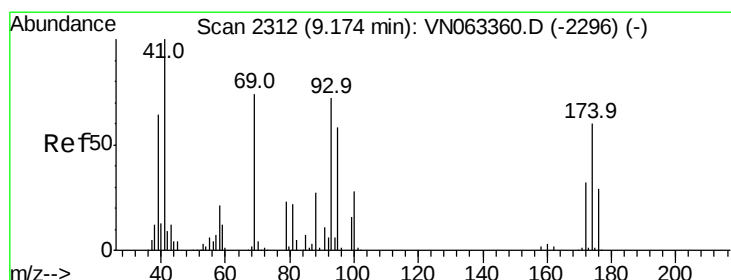
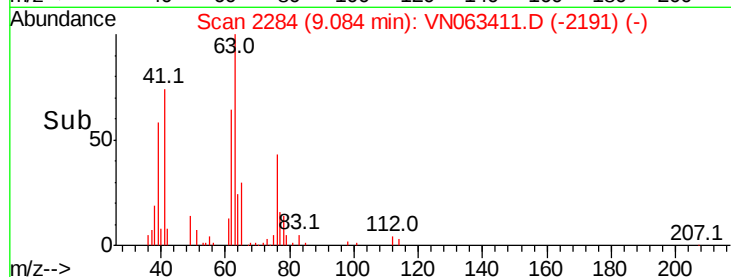
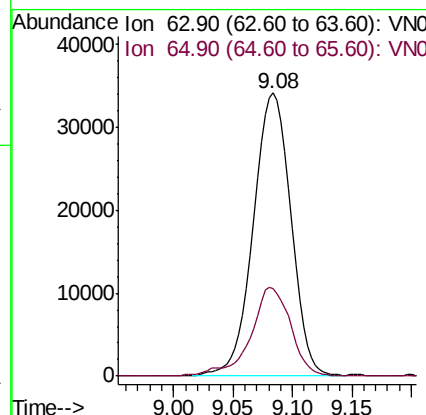
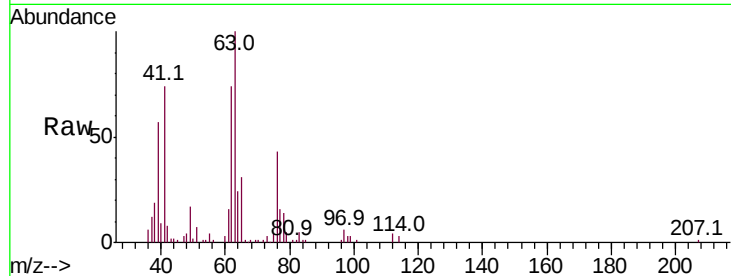




#45
 1,2-Dichloropropane
 Concen: 19.729 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063411.D
 Acq: 17 Sep 2020 11:58

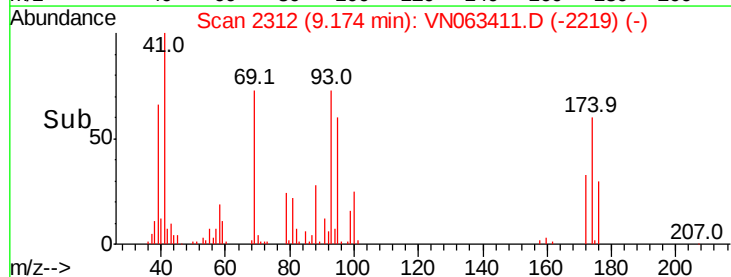
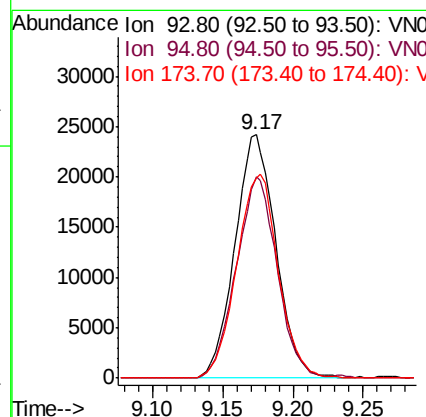
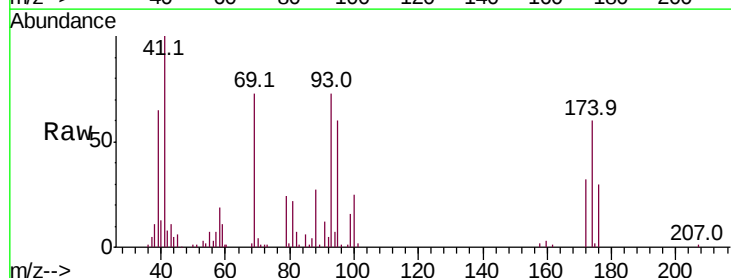
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

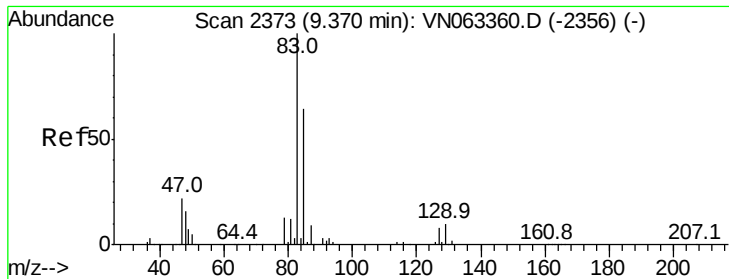
Tot Ion: 63 Resp: 74945
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.0 37.6



#46
 Dibromomethane
 Concen: 19.634 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063411.D
 Acq: 17 Sep 2020 11:58

Tgt Ion: 93 Resp: 49021
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.6 98.4
 174 85.6 68.1 102.1





#47

Bromodichloromethane

Concen: 19.895 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

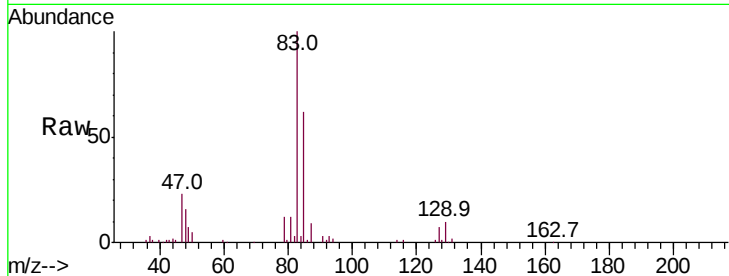
Tot Ion: 83 Resp: 103196

Ion Ratio Lower Upper

83 100

85 62.1 51.0 76.6

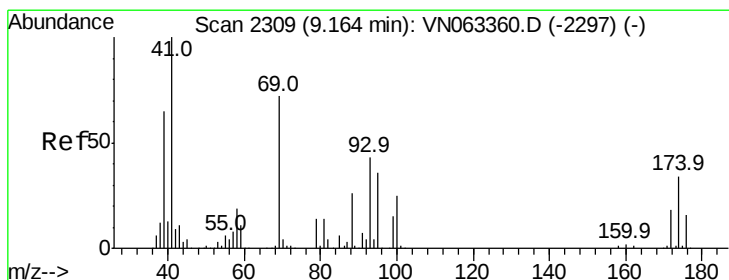
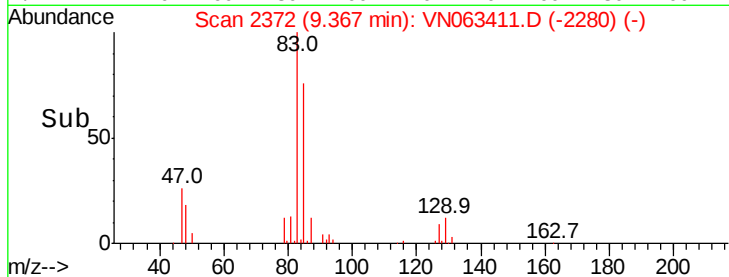
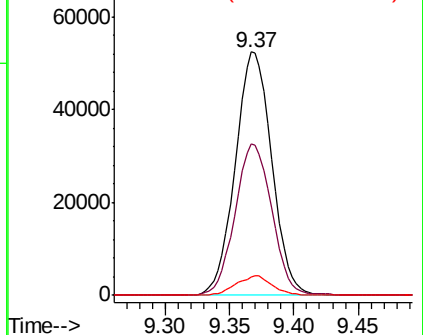
127 7.4 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.433 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

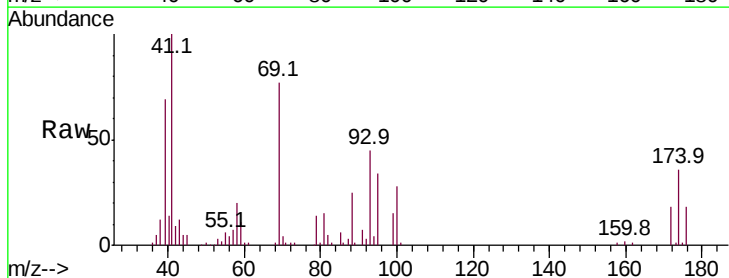
Tgt Ion: 41 Resp: 77653

Ion Ratio Lower Upper

41 100

69 79.0 59.3 88.9

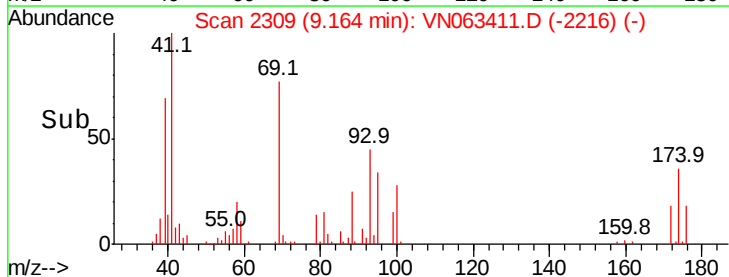
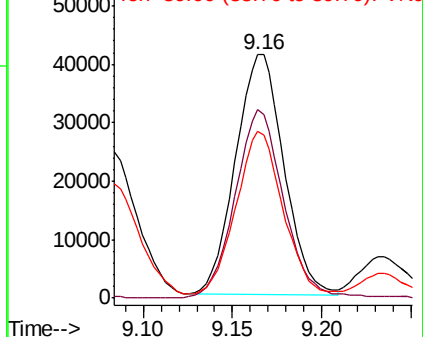
39 68.5 52.9 79.3

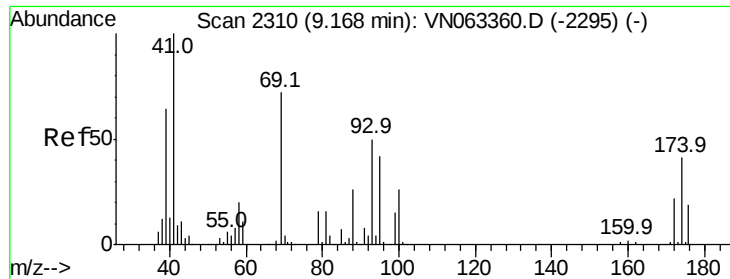


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 385.322 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

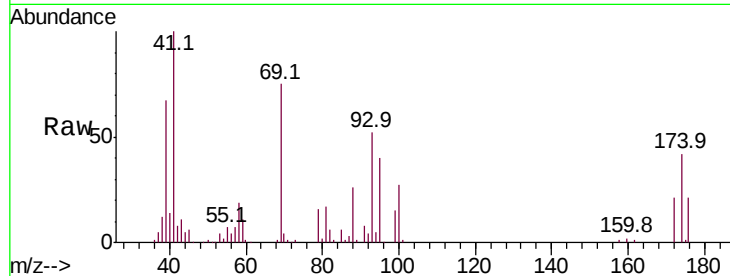
Tot Ion: 88 Resp: 23295

Ion Ratio Lower Upper

88 100

43 36.7 32.6 49.0

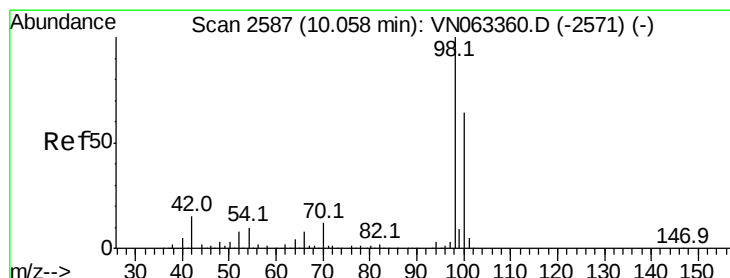
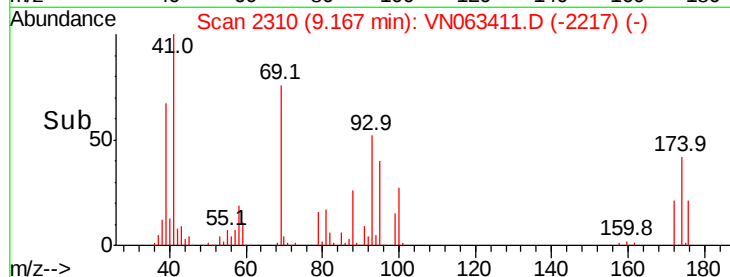
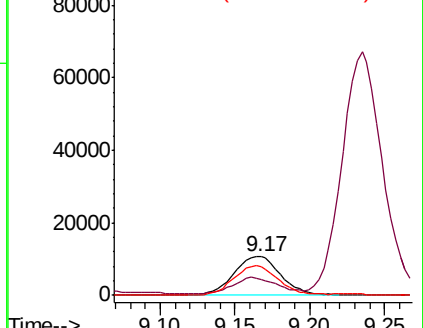
58 73.7 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.741 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063411.D

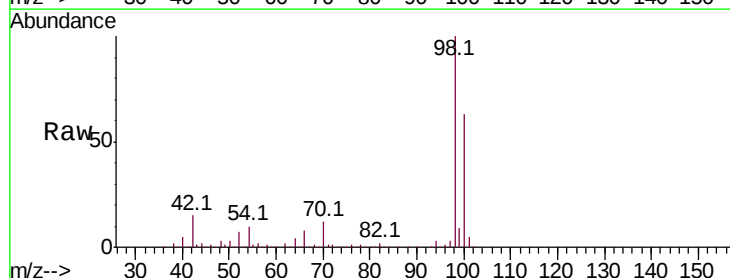
Acq: 17 Sep 2020 11:58

Tgt Ion: 98 Resp: 605763

Ion Ratio Lower Upper

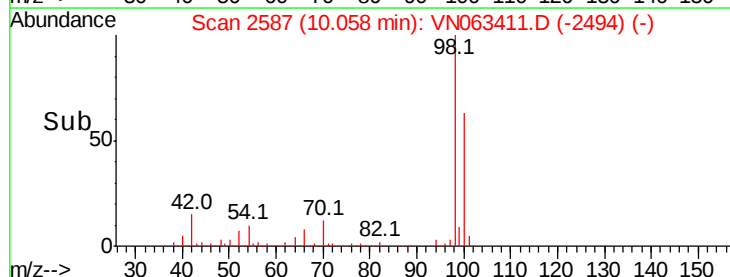
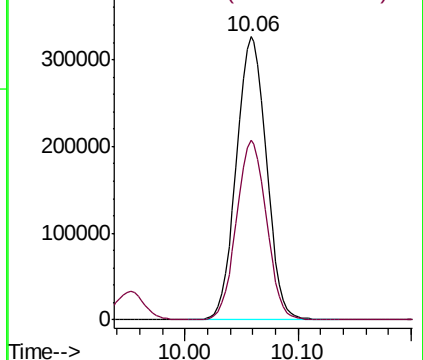
98 100

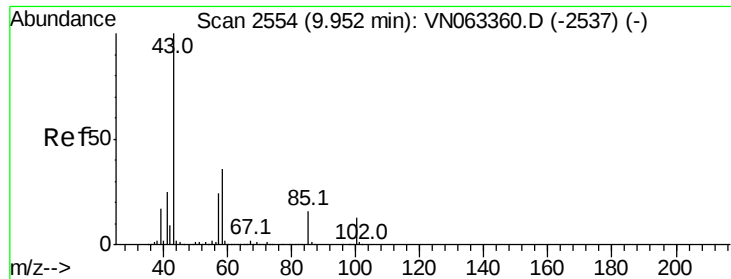
100 63.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 97.178 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampled :

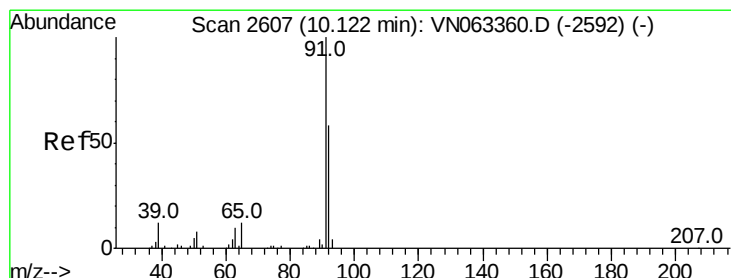
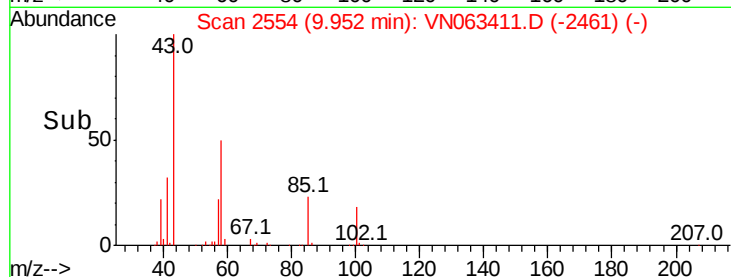
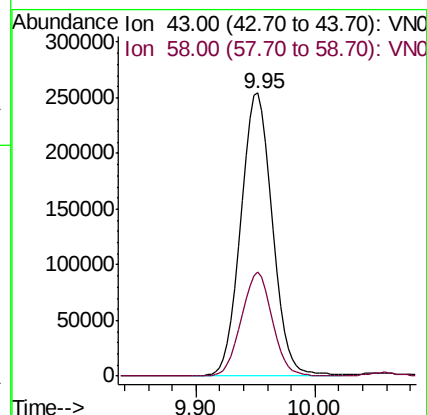
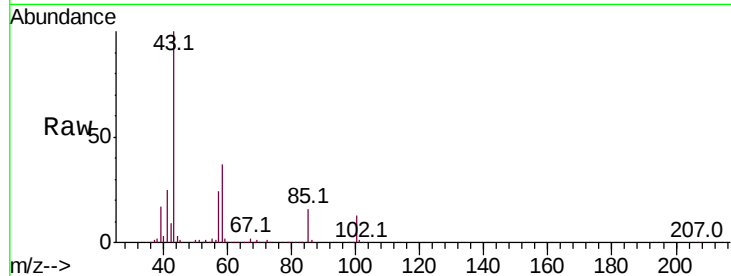
VN0917WBS01

Tot Ion: 43 Resp: 466491

Ion Ratio Lower Upper

43 100

58 36.0 29.0 43.6



#52

Toluene

Concen: 20.309 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063411.D

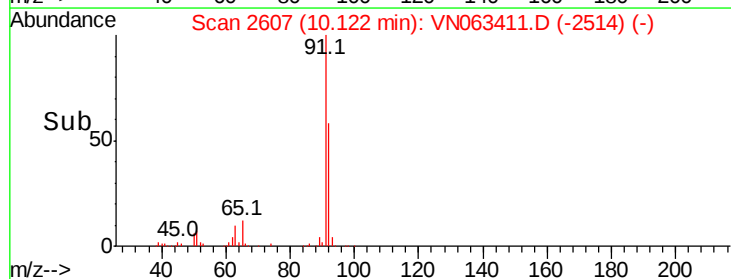
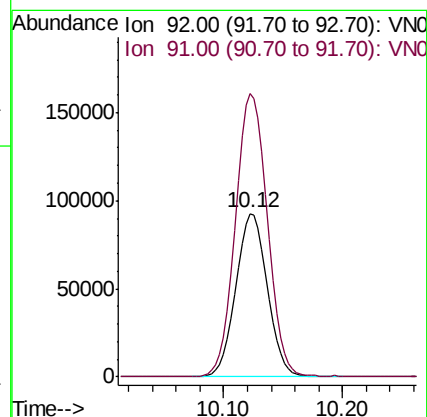
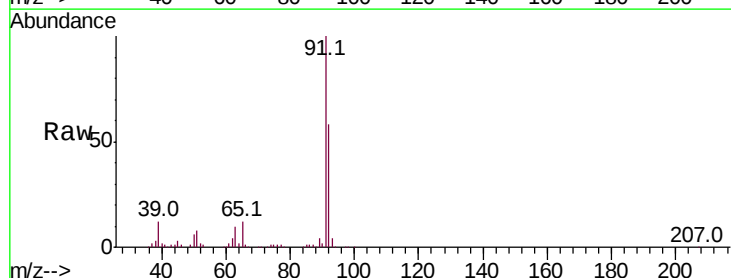
Acq: 17 Sep 2020 11:58

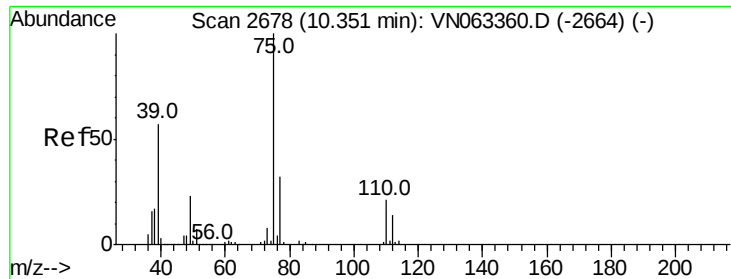
Tgt Ion: 92 Resp: 170312

Ion Ratio Lower Upper

92 100

91 176.1 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 19.135 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

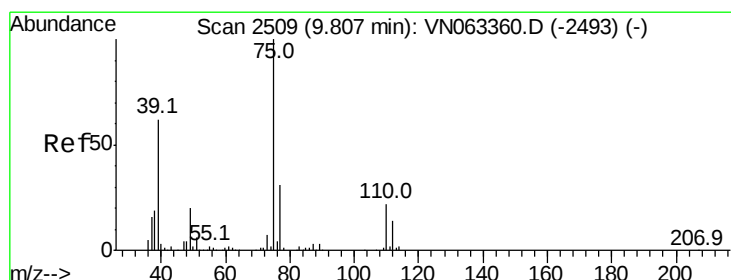
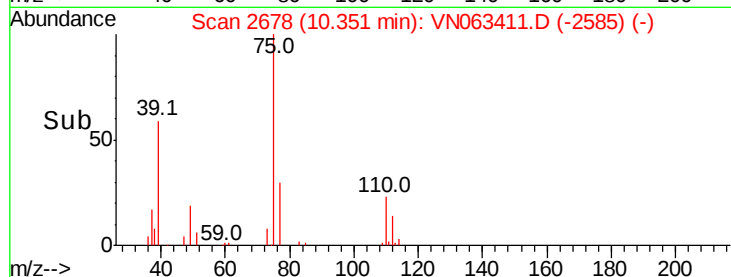
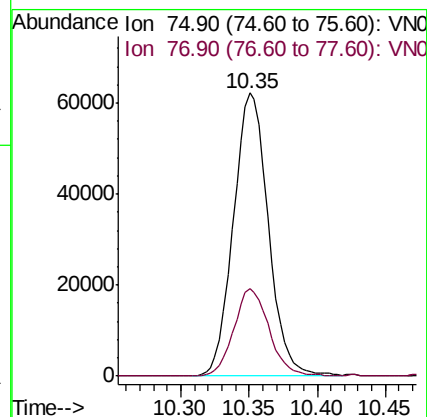
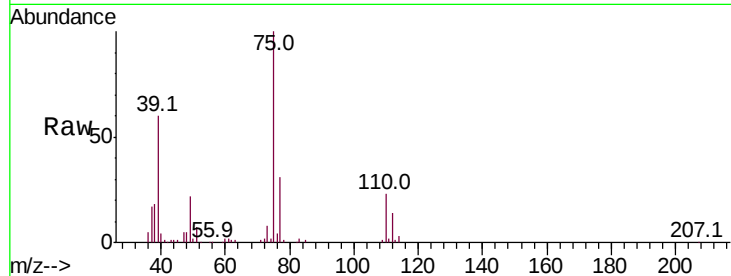
VN0917WBS01

Tot Ion: 75 Resp: 110802

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.393 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

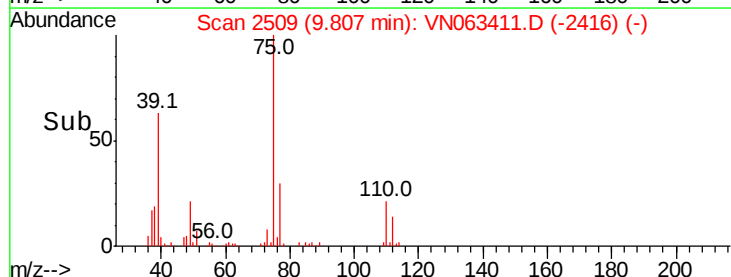
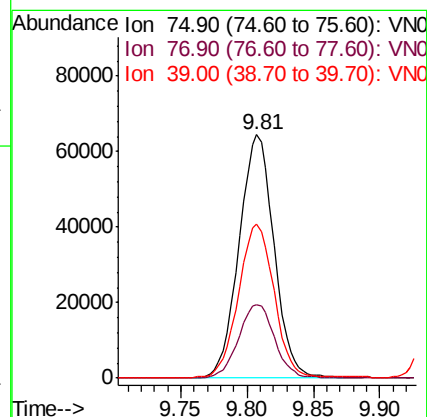
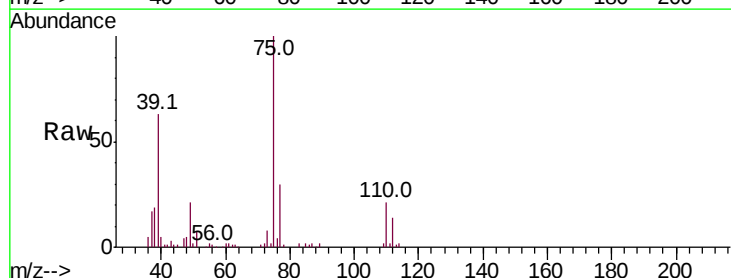
Tgt Ion: 75 Resp: 118454

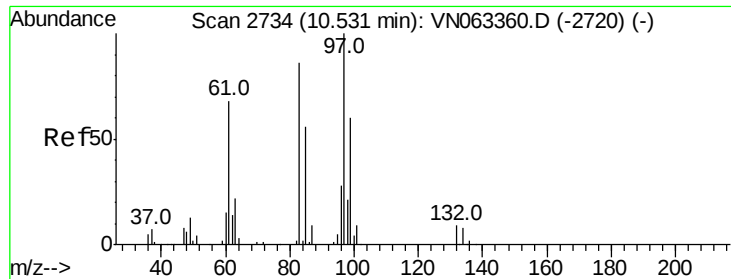
Ion Ratio Lower Upper

75 100

77 30.2 24.6 37.0

39 62.7 49.8 74.8

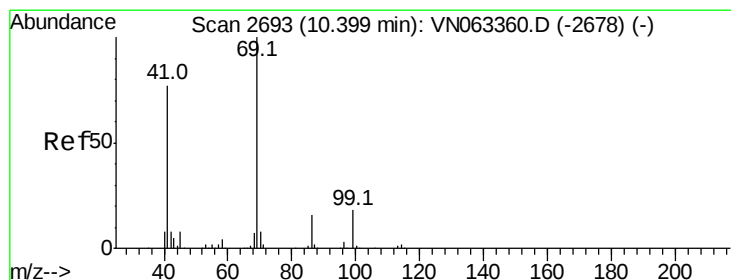
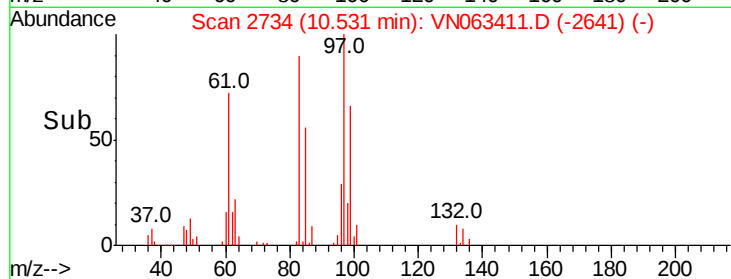
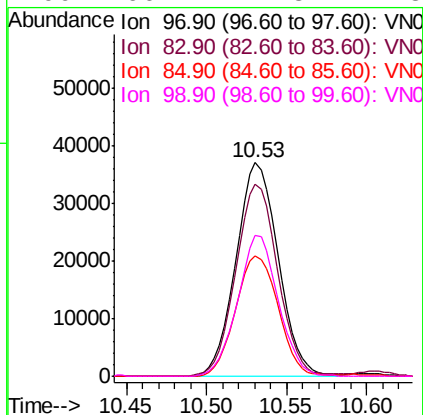
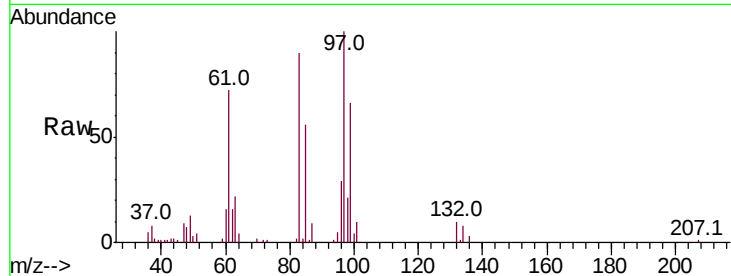




#55
 1,1,2-Trichloroethane
 Concen: 19.984 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063411.D
 Acq: 17 Sep 2020 11:58

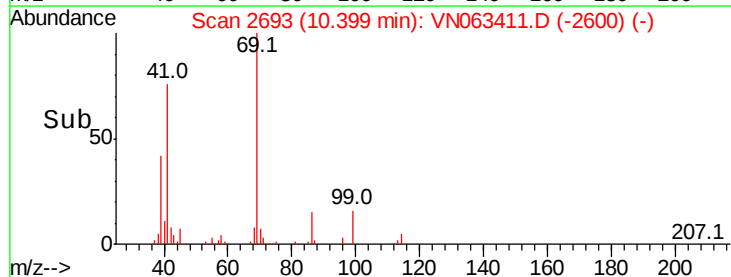
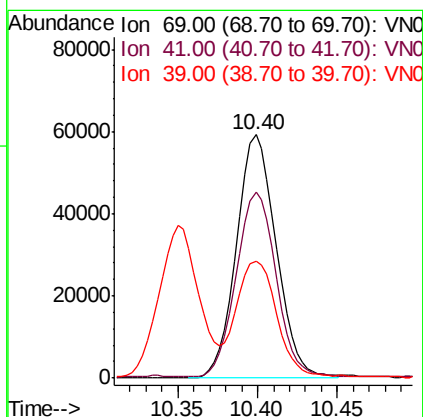
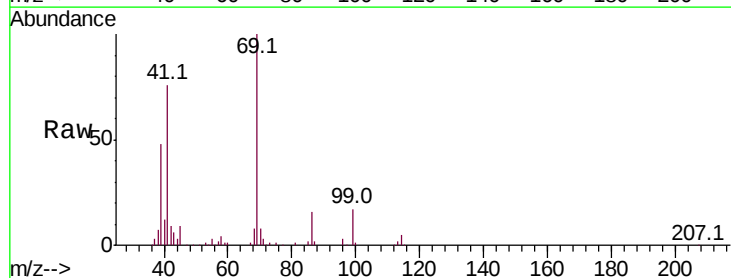
Instrument :
 MSVOA_N
 ClientSampled :
 VN0917WBS01

Tot Ion:	97	Resp:	66566
Ion	Ratio	Lower	Upper
97	100		
83	89.8	68.9	103.3
85	56.4	44.8	67.2
99	66.2	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 19.295 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063411.D
 Acq: 17 Sep 2020 11:58

Tgt Ion:	69	Resp:	100334
Ion	Ratio	Lower	Upper
69	100		
41	75.5	61.0	91.6
39	47.9	39.2	58.8





#57

1,3-Dichloropropane

Concen: 19.415 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

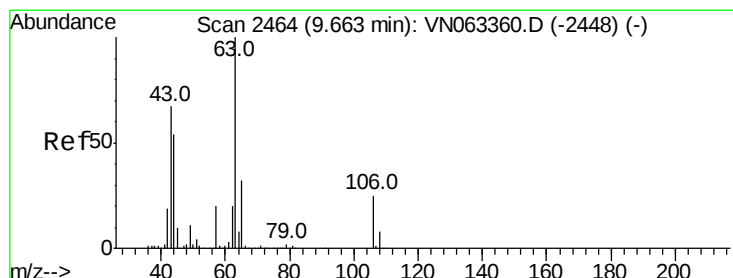
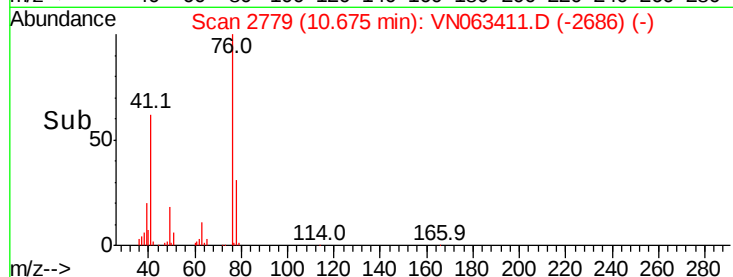
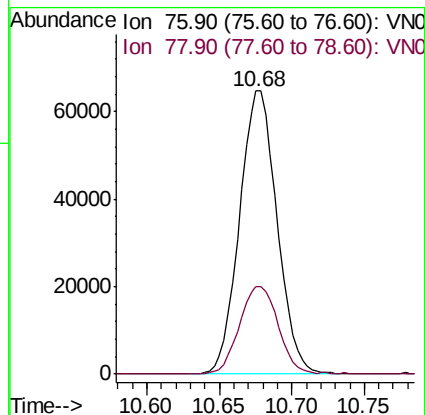
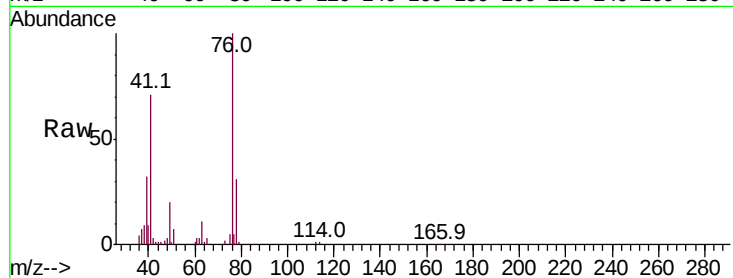
VN0917WBS01

Tot Ion: 76 Resp: 116619

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 91.239 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063411.D

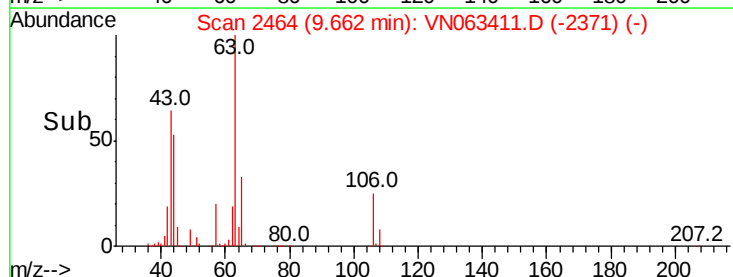
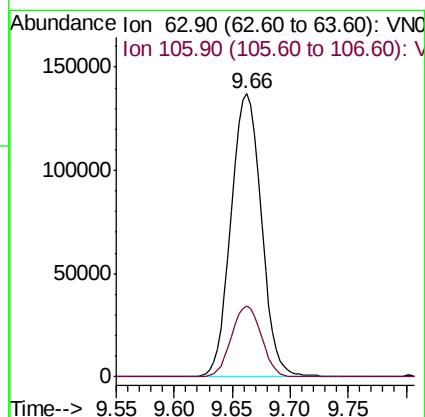
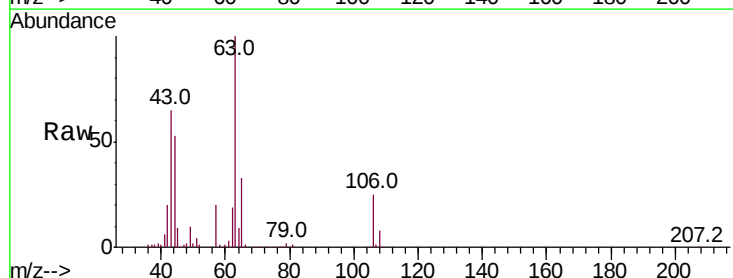
Acq: 17 Sep 2020 11:58

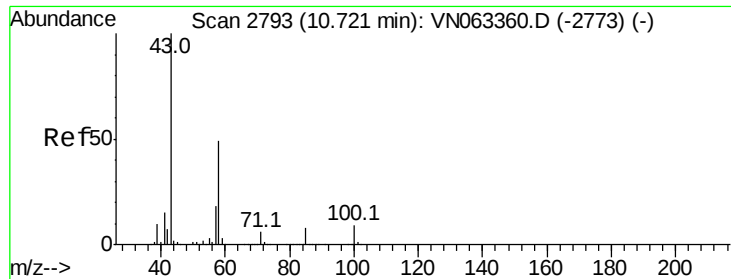
Tgt Ion: 63 Resp: 248880

Ion Ratio Lower Upper

63 100

106 24.7 19.5 29.3

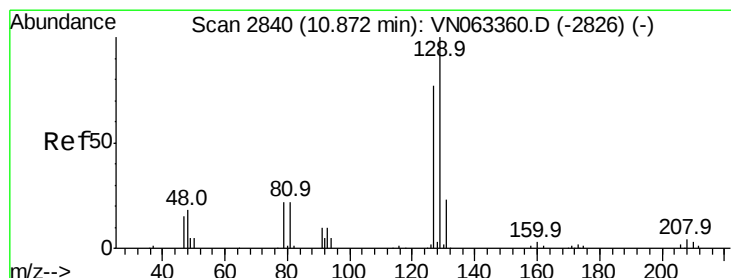
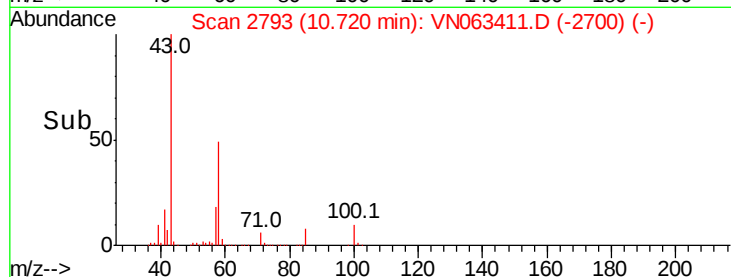
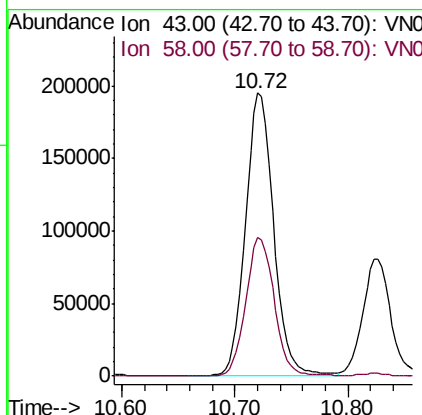
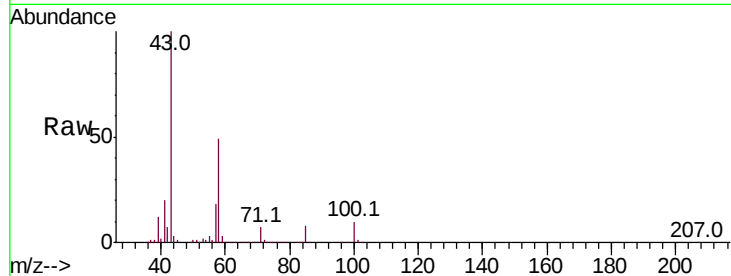




#59
2-Hexanone
Concen: 96.925 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

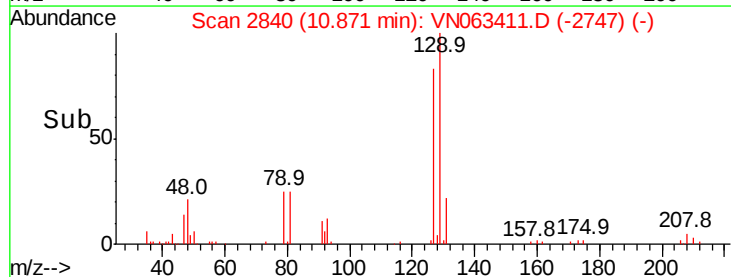
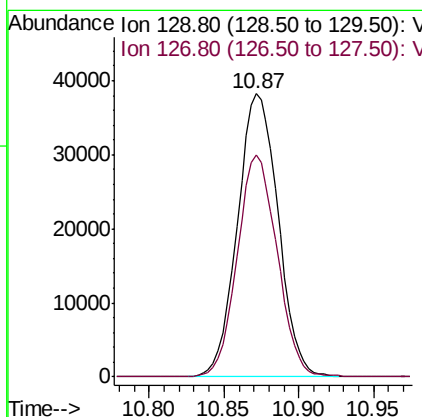
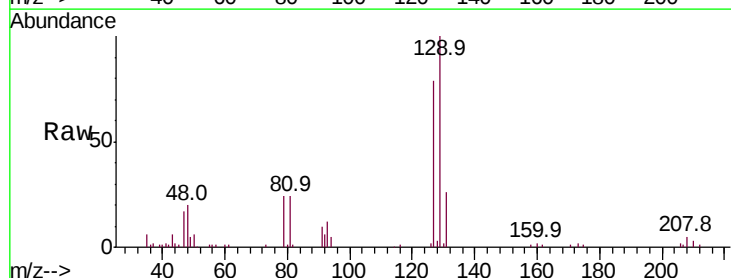
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS01

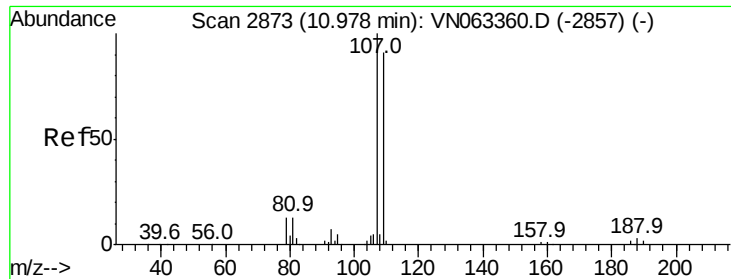
Tot Ion: 43 Resp: 337082
Ion Ratio Lower Upper
43 100
58 49.7 24.7 74.1



#60
Dibromochloromethane
Concen: 19.240 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

Tgt Ion: 129 Resp: 72402
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3





#61

1,2-Dibromoethane

Concen: 19.046 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

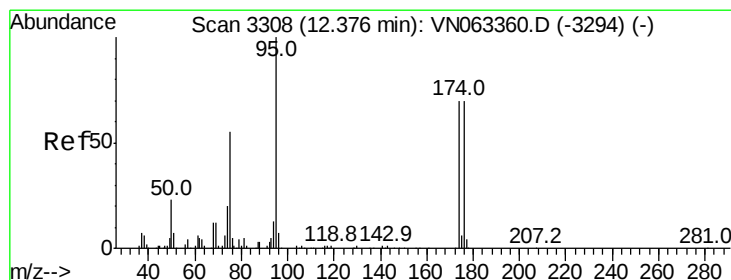
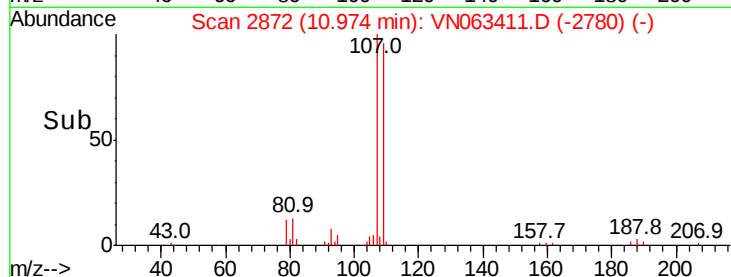
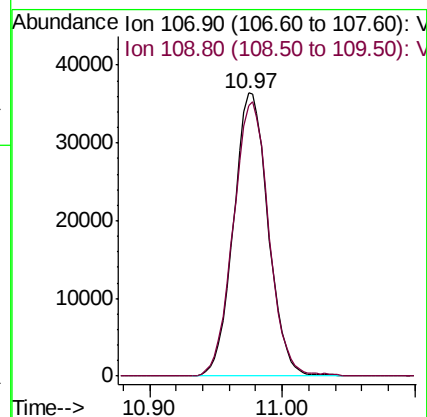
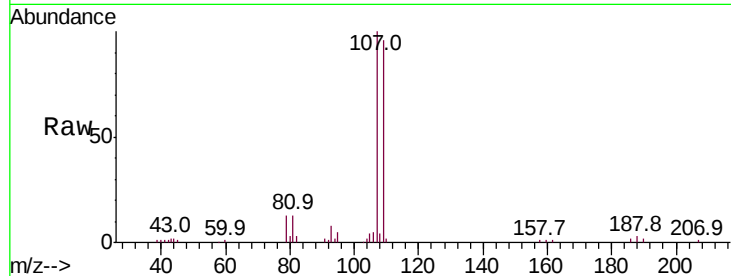
VN0917WBS01

Tot Ion:107 Resp: 65910

Ion Ratio Lower Upper

107 100

109 99.5 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 51.670 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

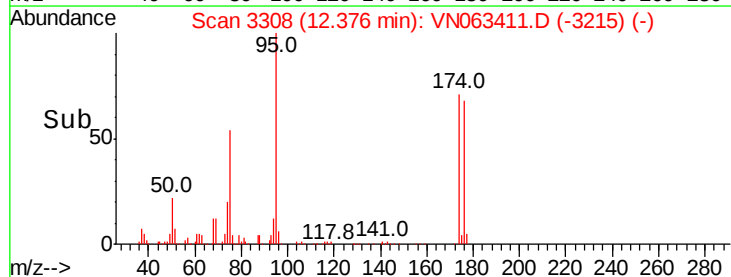
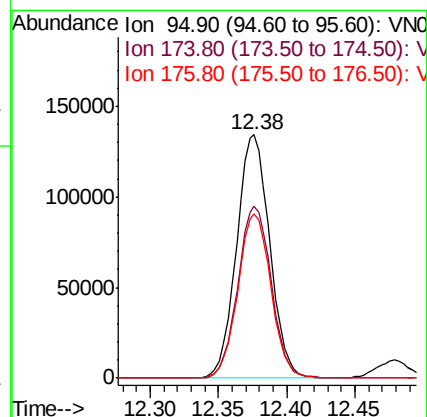
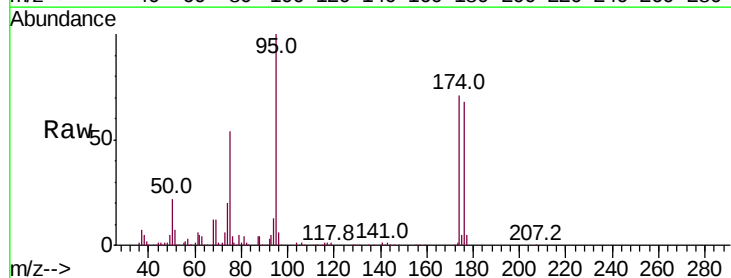
Tgt Ion: 95 Resp: 226131

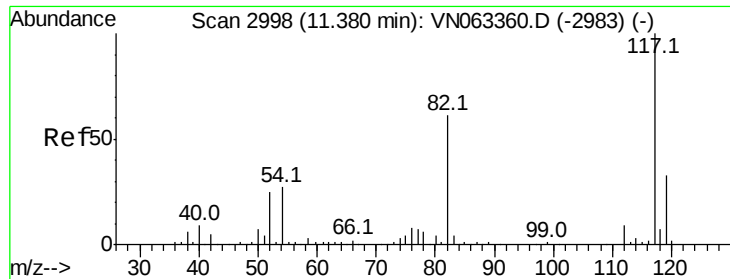
Ion Ratio Lower Upper

95 100

174 71.2 0.0 140.8

176 67.6 0.0 137.6

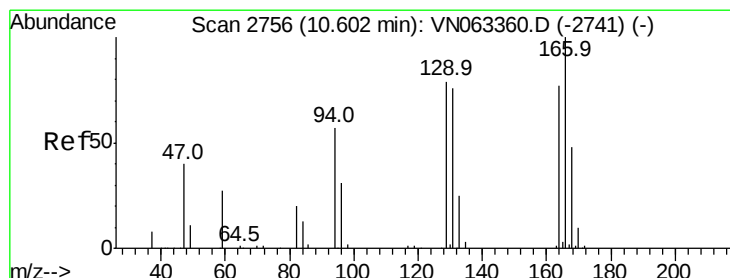
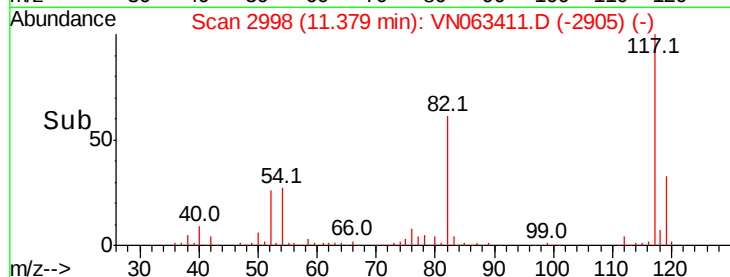
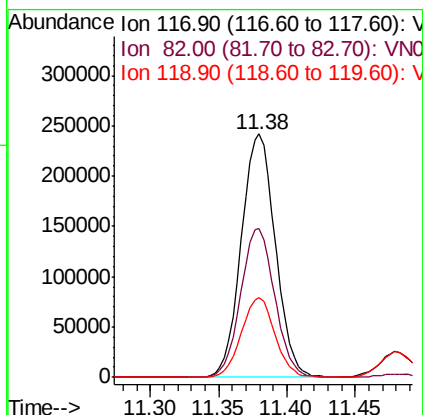
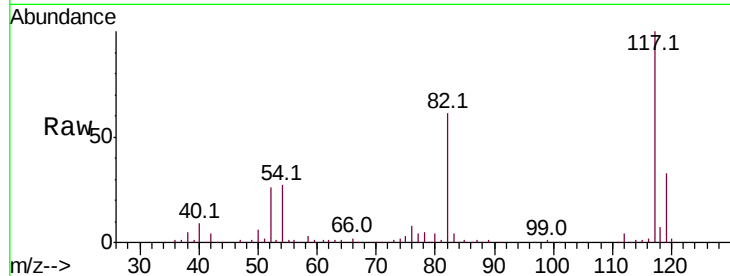




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

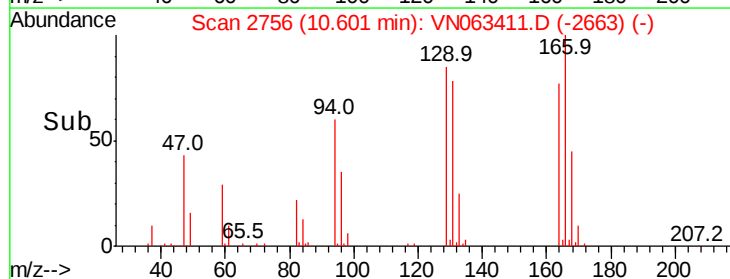
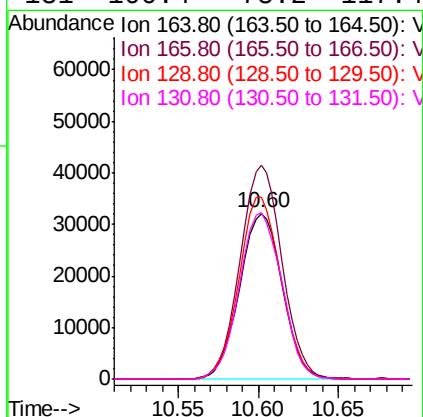
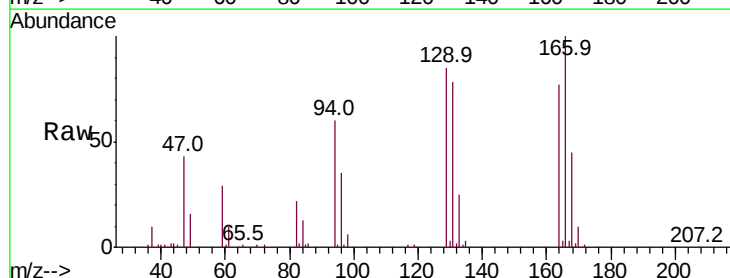
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS01

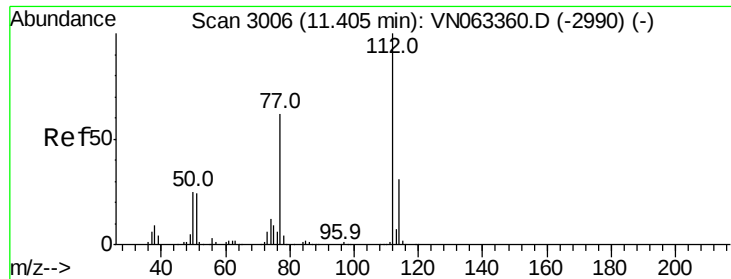
Tot Ion:117 Resp: 419469
Ion Ratio Lower Upper
117 100
82 61.0 49.2 73.8
119 32.8 26.2 39.4



#64
Tetrachloroethene
Concen: 20.494 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

Tgt Ion:164 Resp: 58537
Ion Ratio Lower Upper
164 100
166 129.2 103.4 155.0
129 109.9 81.8 122.6
131 100.4 78.2 117.4





#65

Chlorobenzene

Concen: 19.964 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

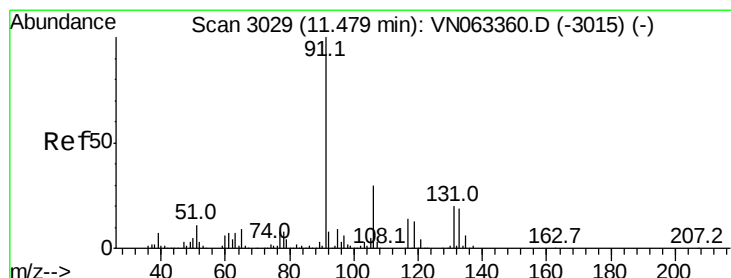
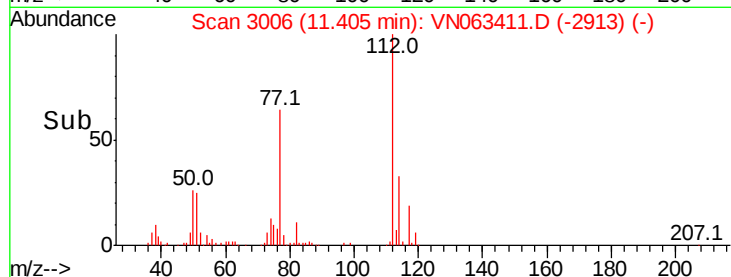
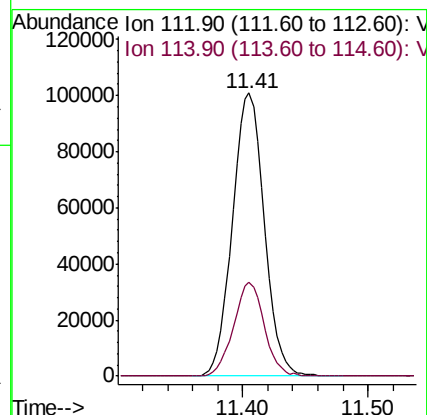
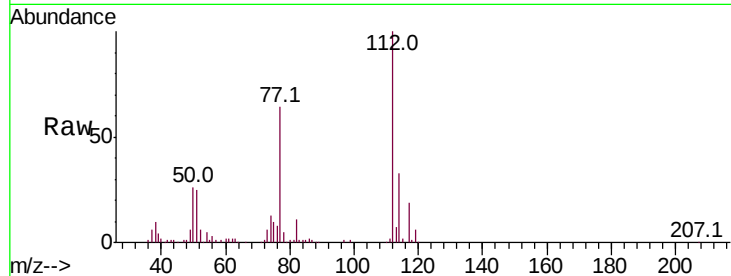
VN0917WBS01

Tot Ion:112 Resp: 177760

Ion Ratio Lower Upper

112 100

114 33.0 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.408 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

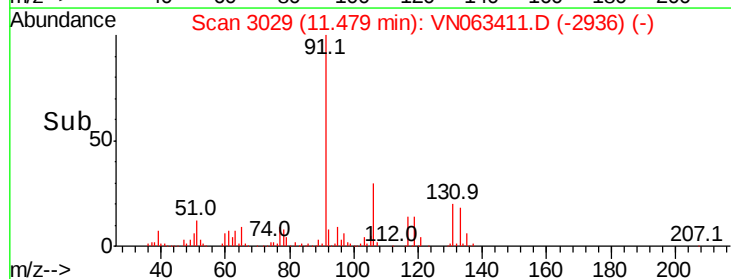
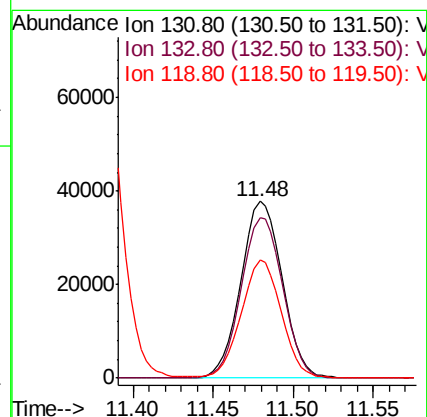
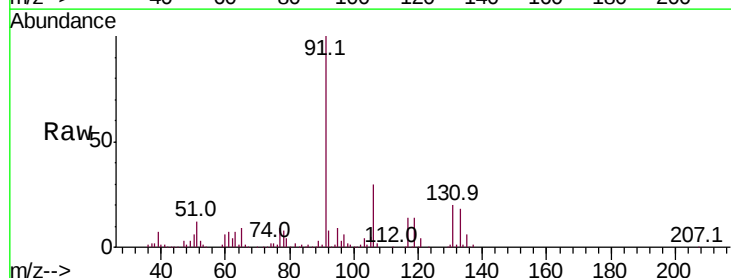
Tgt Ion:131 Resp: 66611

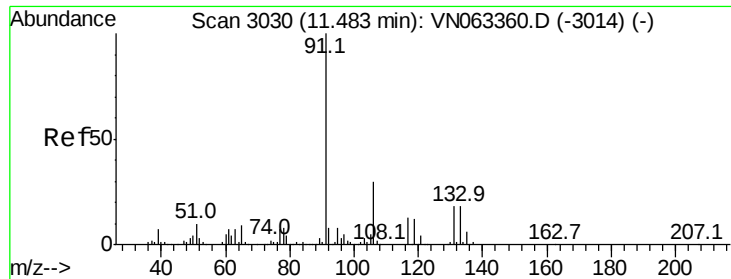
Ion Ratio Lower Upper

131 100

133 91.2 47.3 141.9

119 64.8 33.6 100.8





#67

Ethyl Benzene

Concen: 20.051 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

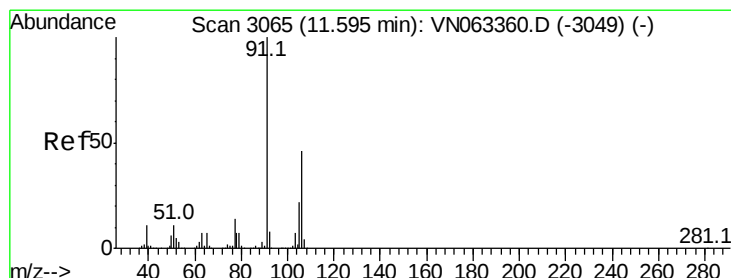
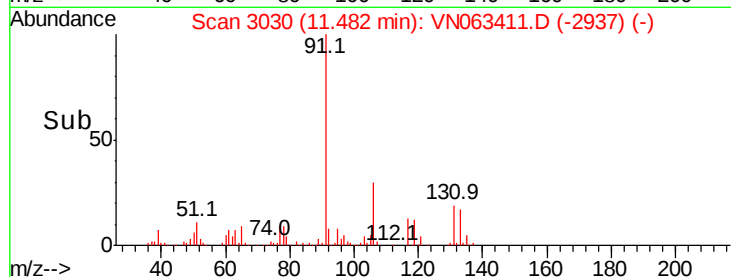
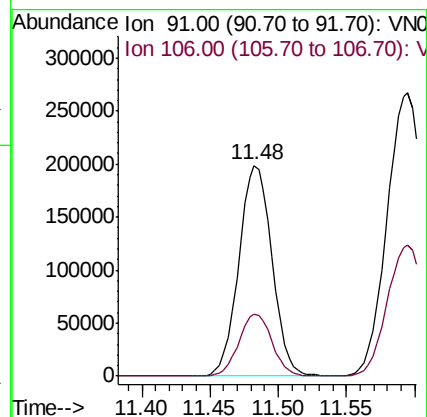
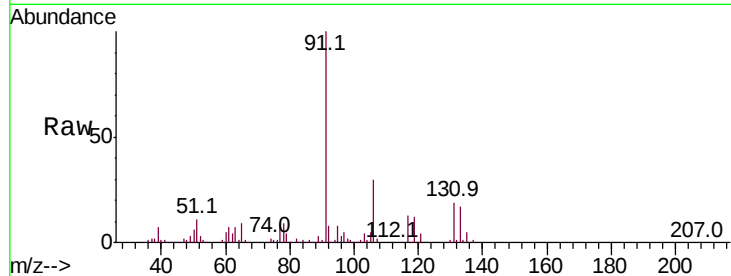
VN0917WBS01

Tot Ion: 91 Resp: 336213

Ion Ratio Lower Upper

91 100

106 29.7 23.8 35.6



#68

m/p-Xylenes

Concen: 39.901 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063411.D

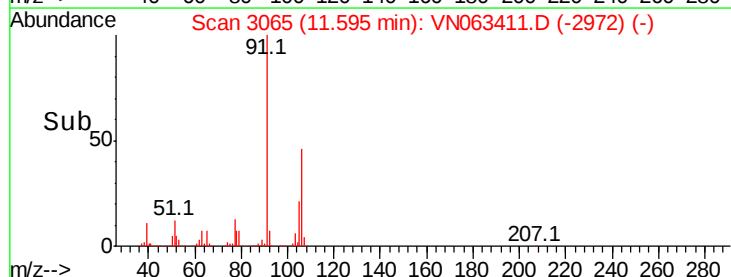
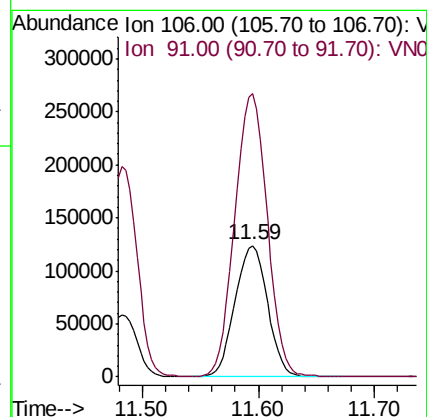
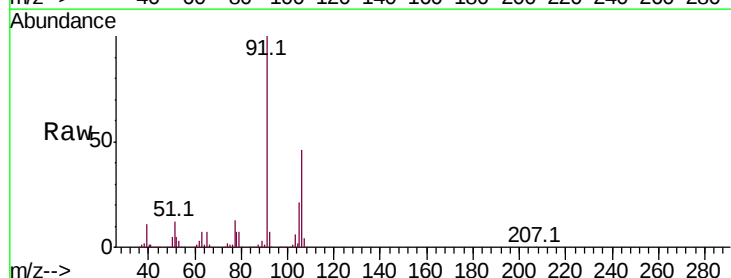
Acq: 17 Sep 2020 11:58

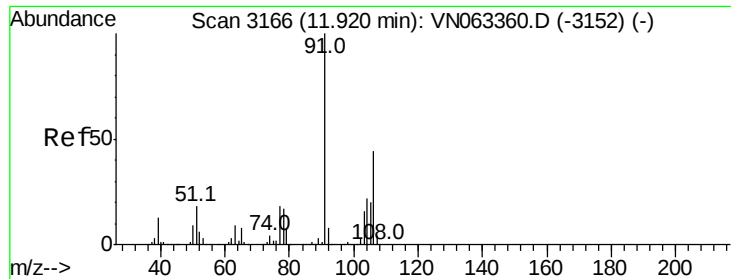
Tgt Ion:106 Resp: 241234

Ion Ratio Lower Upper

106 100

91 215.7 171.2 256.8

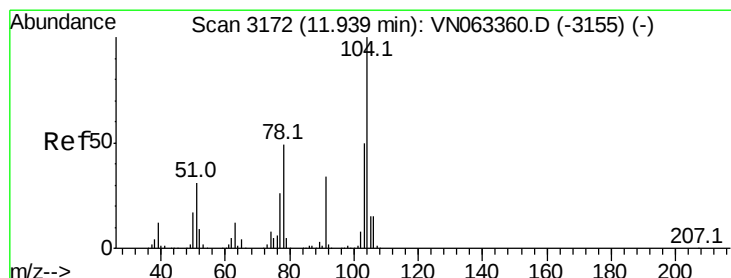
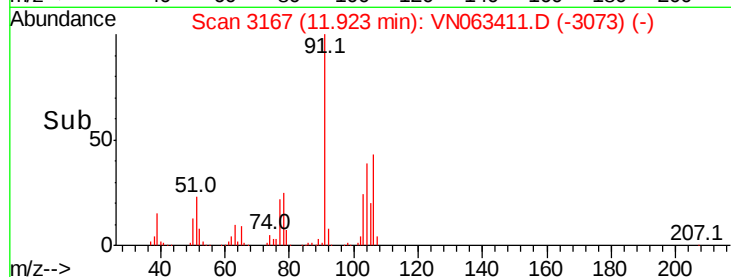
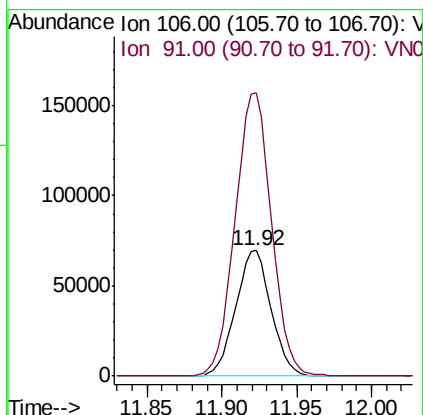
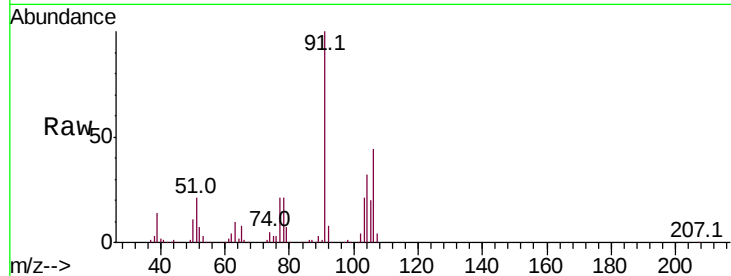




#69
o-Xylene
Concen: 19.915 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

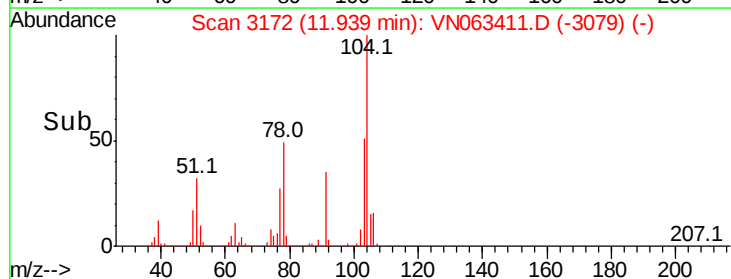
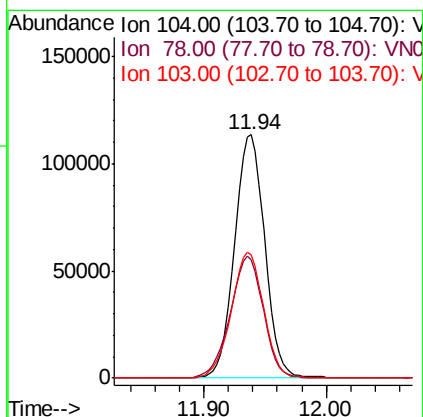
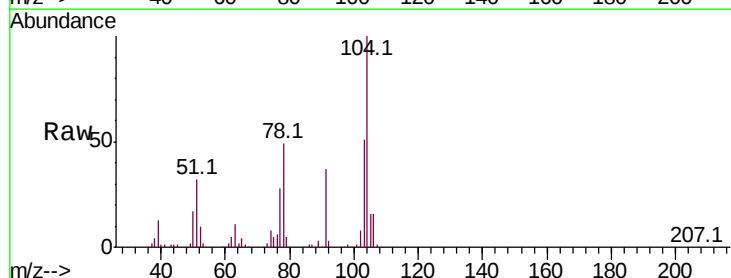
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS01

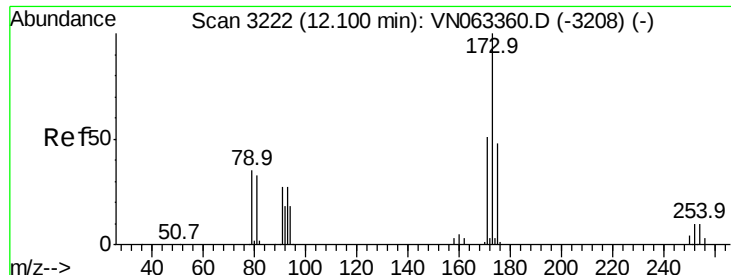
Tot Ion:106 Resp: 114697
Ion Ratio Lower Upper
106 100
91 231.7 113.6 340.8



#70
Styrene
Concen: 20.189 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

Tgt Ion:104 Resp: 194991
Ion Ratio Lower Upper
104 100
78 55.1 44.4 66.6
103 55.5 43.7 65.5





#71

Bromoform

Concen: 18.970 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

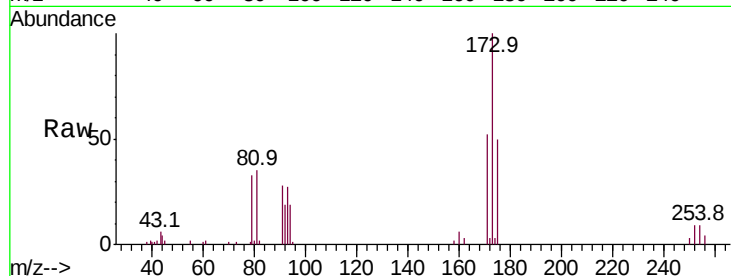
Tot Ion:173 Resp: 46127

Ion Ratio Lower Upper

173 100

175 47.5 24.0 72.0

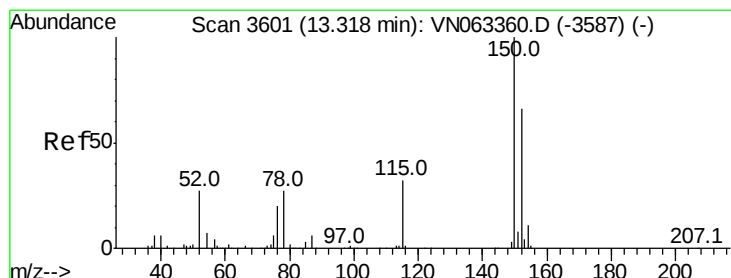
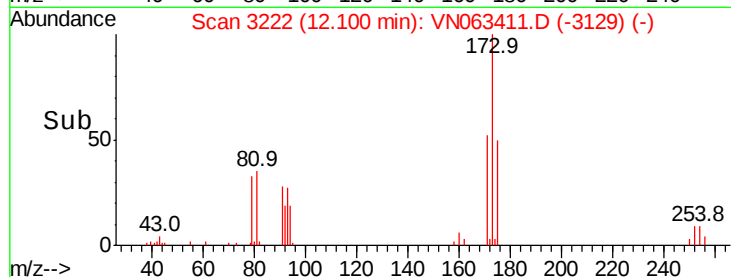
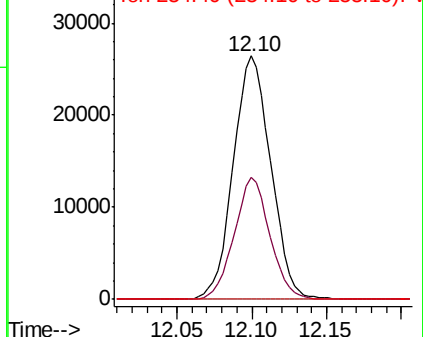
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

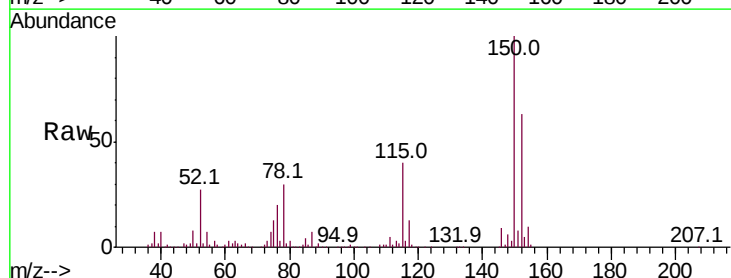
Tgt Ion:152 Resp: 200419

Ion Ratio Lower Upper

152 100

115 63.6 32.2 96.6

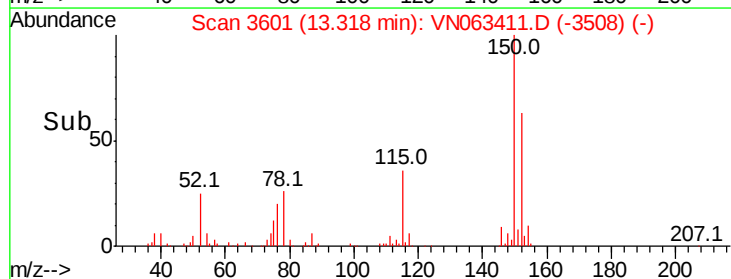
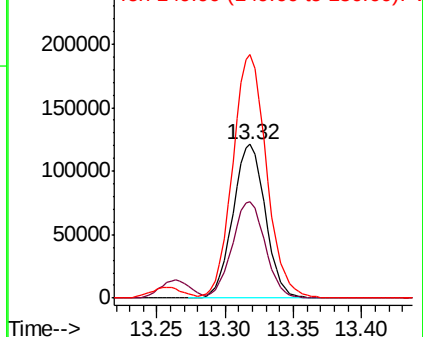
150 164.5 0.0 343.4

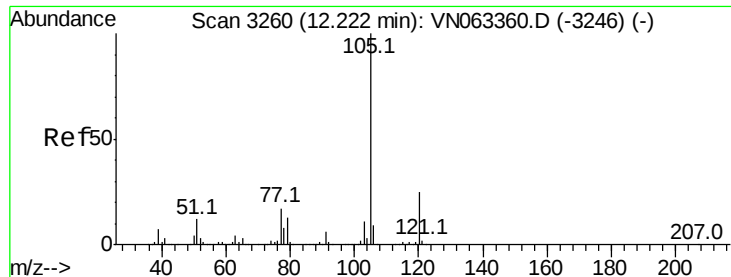


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.891 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampled :

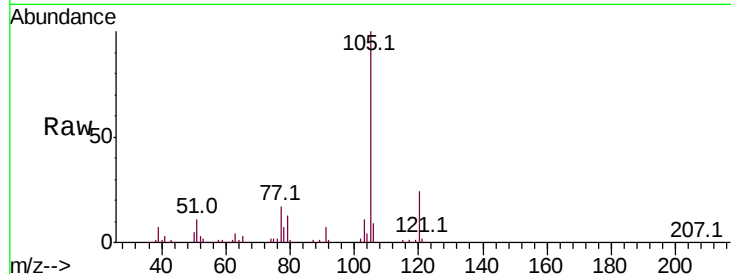
VN0917WBS01

Tot Ion:105 Resp: 319452

Ion Ratio Lower Upper

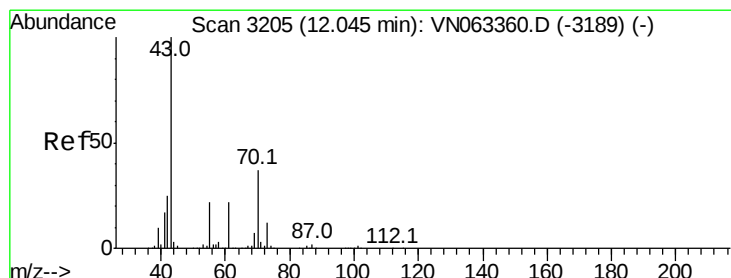
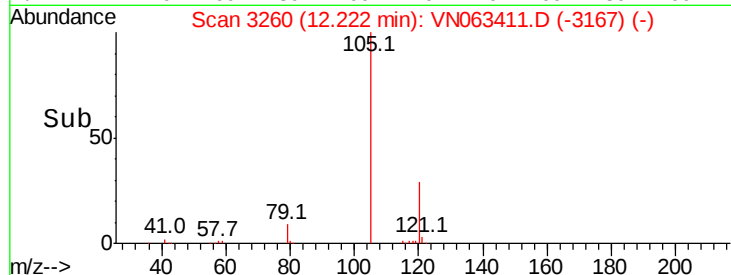
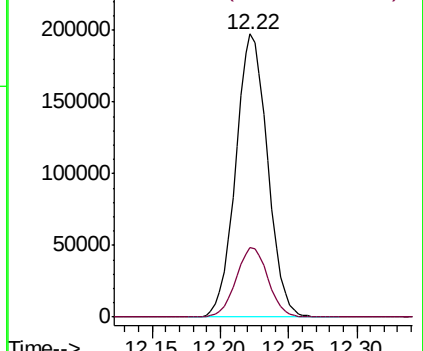
105 100

120 24.8 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.684 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Tgt Ion: 43 Resp: 142043

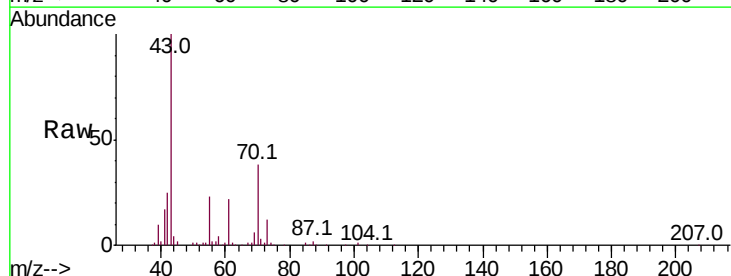
Ion Ratio Lower Upper

43 100

70 36.5 29.6 44.4

55 22.0 17.7 26.5

61 21.7 17.4 26.2

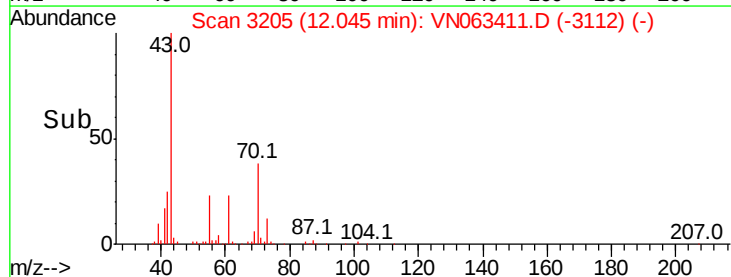
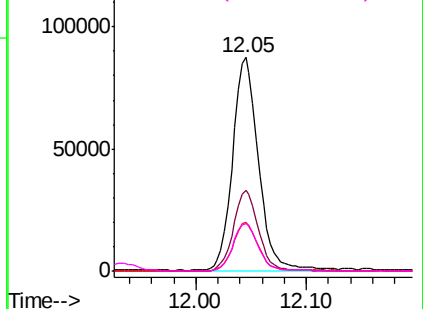


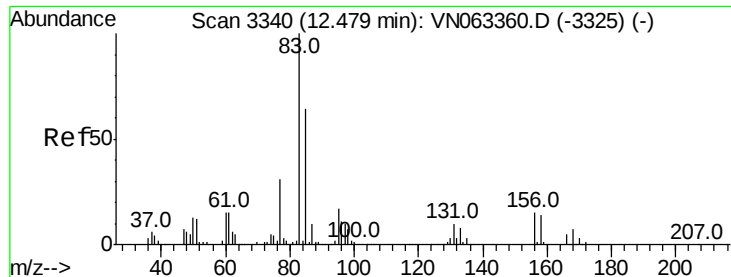
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.341 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

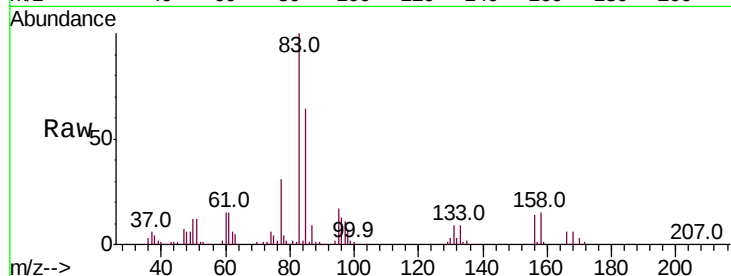
Tot Ion: 83 Resp: 96179

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

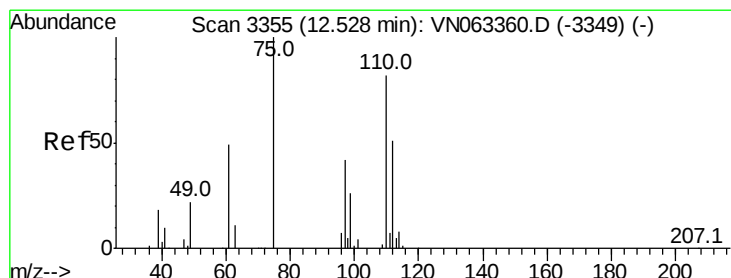
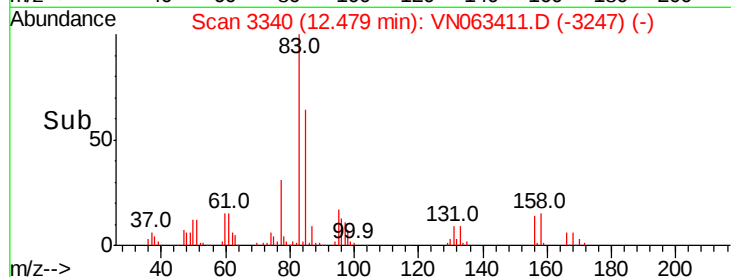
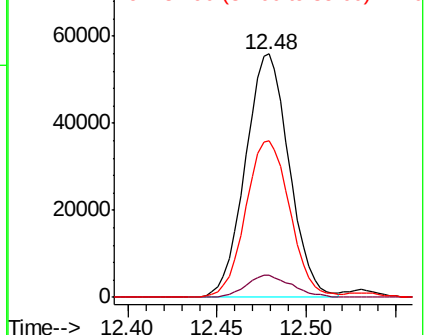
85 64.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 26.576 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063411.D

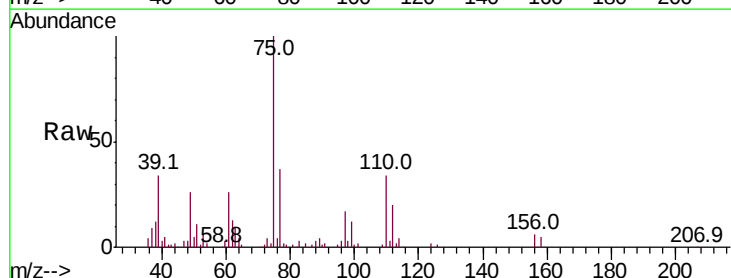
Acq: 17 Sep 2020 11:58

Tgt Ion: 75 Resp: 131833

Ion Ratio Lower Upper

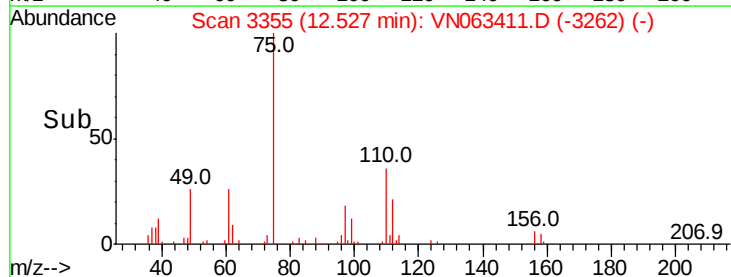
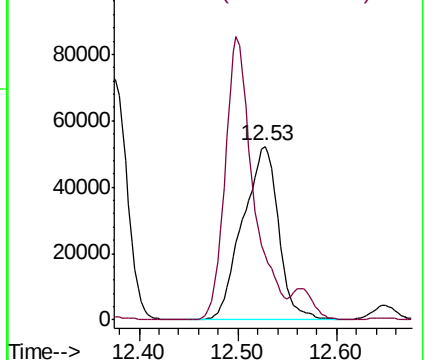
75 100

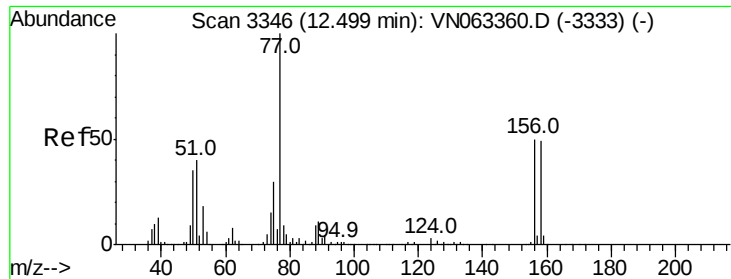
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)





#77

Bromobenzene

Concen: 20.008 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampled :

VN0917WBS01

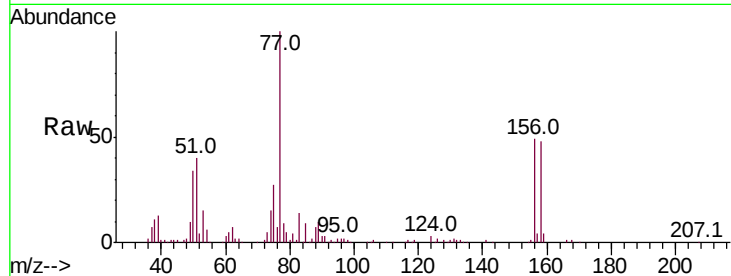
Tot Ion:156 Resp: 72284

Ion Ratio Lower Upper

156 100

77 237.3 120.2 360.6

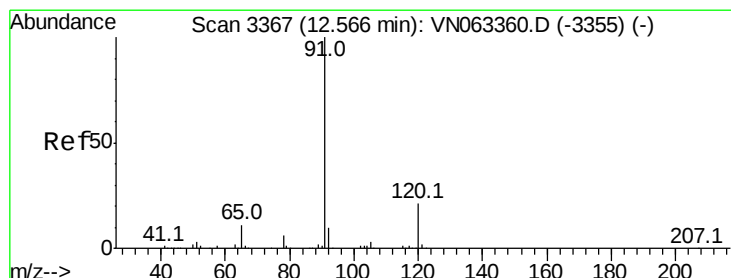
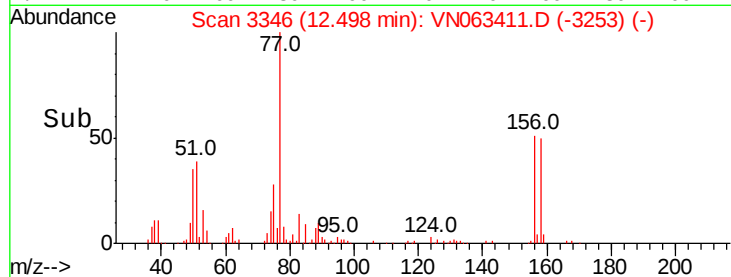
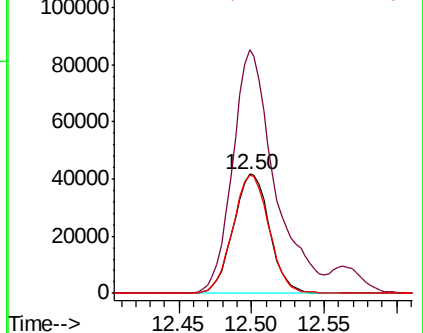
158 99.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.982 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063411.D

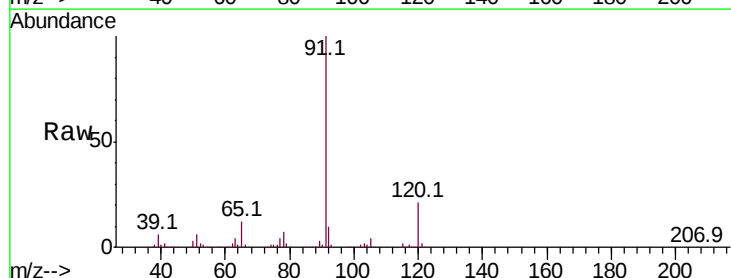
Acq: 17 Sep 2020 11:58

Tgt Ion: 91 Resp: 373783

Ion Ratio Lower Upper

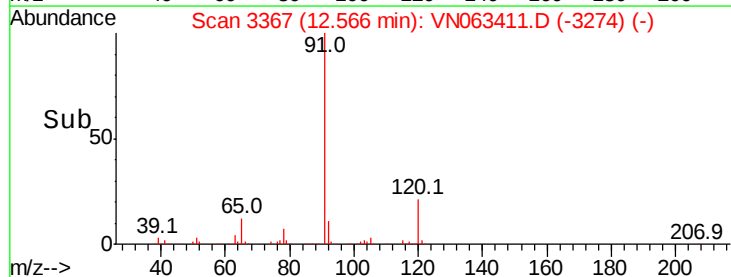
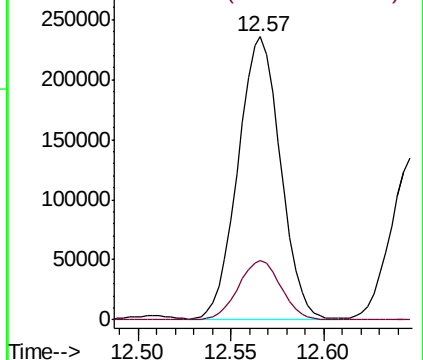
91 100

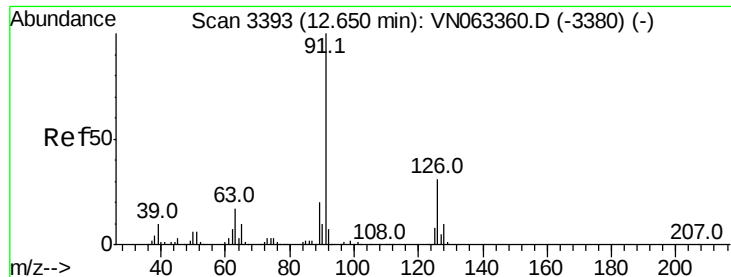
120 21.2 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

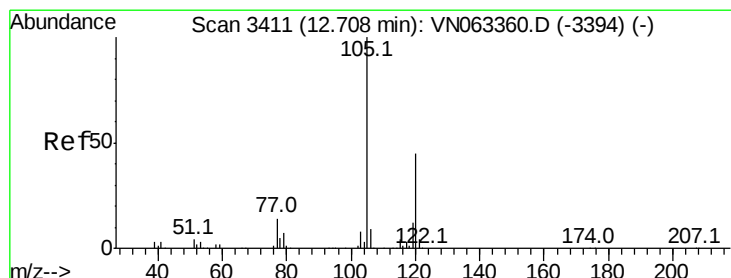
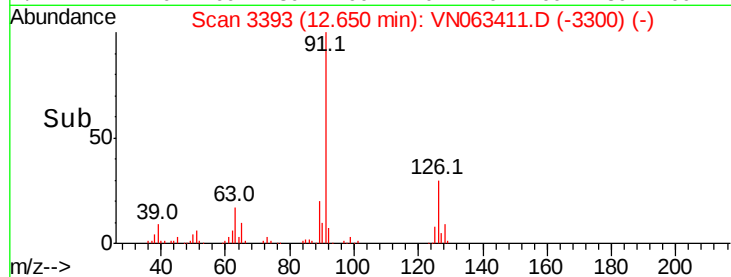
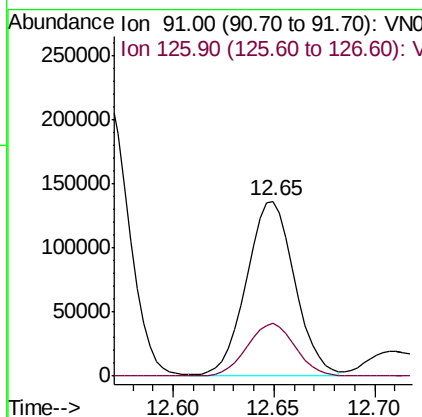
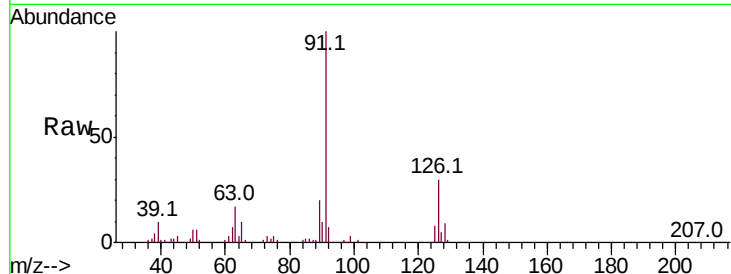




#79
 2-Chlorotoluene
 Concen: 20.178 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063411.D
 Acq: 17 Sep 2020 11:58

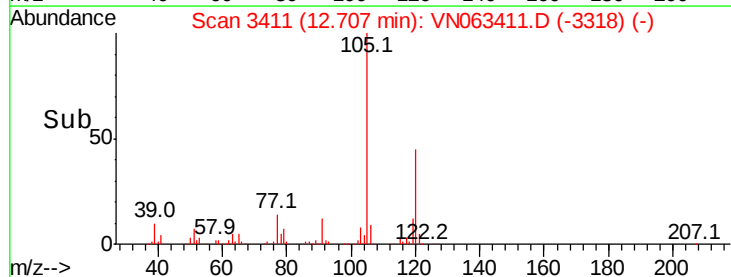
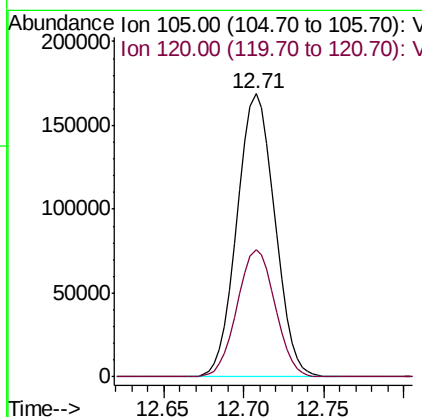
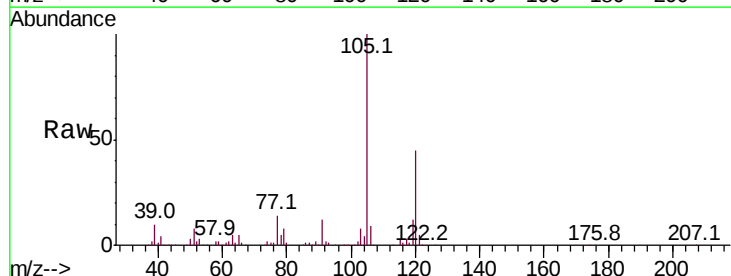
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

Tot Ion: 91 Resp: 226265
 Ion Ratio Lower Upper
 91 100
 126 30.4 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.273 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063411.D
 Acq: 17 Sep 2020 11:58

Tgt Ion:105 Resp: 271505
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.935 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

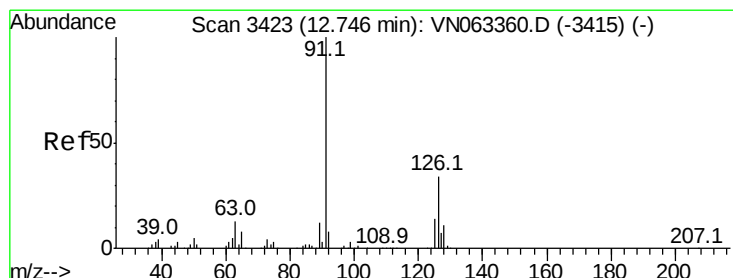
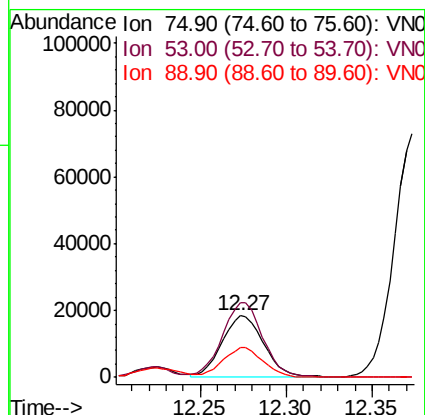
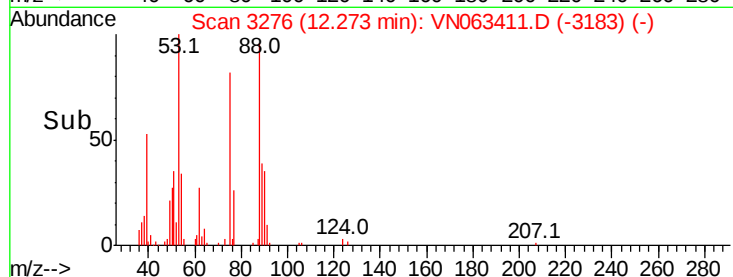
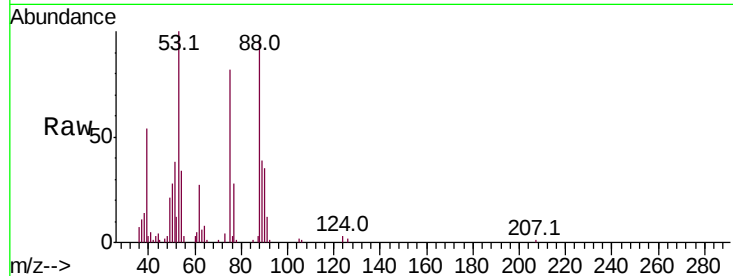
Tot Ion: 75 Resp: 30642

Ion Ratio Lower Upper

75 100

53 118.1 85.7 128.5

89 47.6 38.0 57.0



#82

4-Chlorotoluene

Concen: 20.167 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063411.D

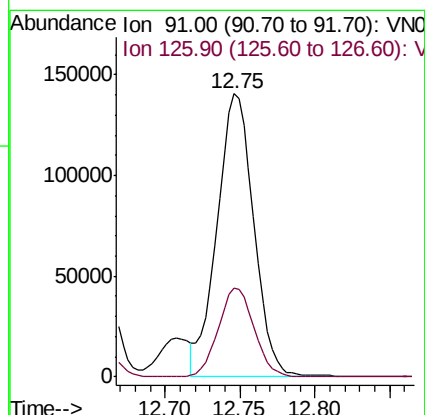
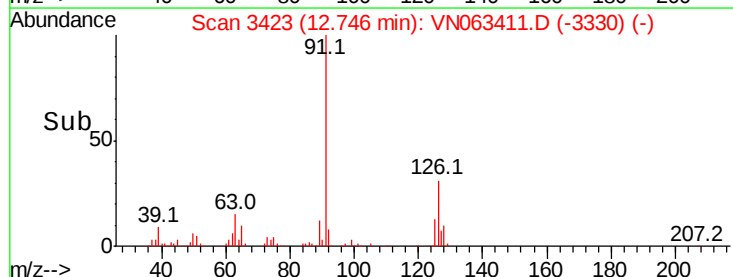
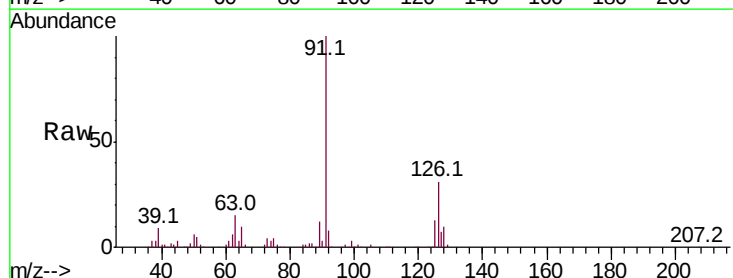
Acq: 17 Sep 2020 11:58

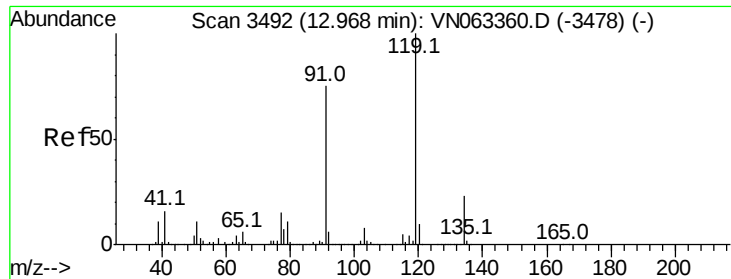
Tgt Ion: 91 Resp: 238931

Ion Ratio Lower Upper

91 100

126 30.3 15.5 46.5

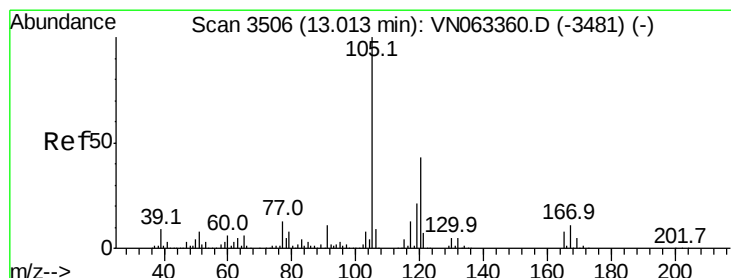
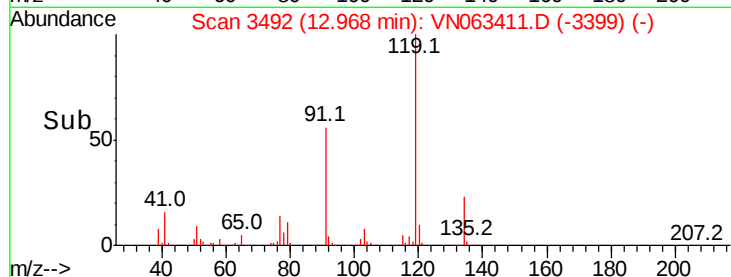
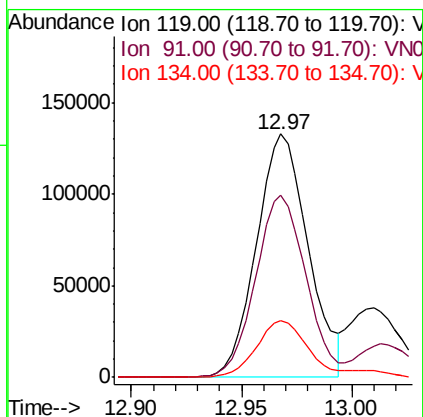
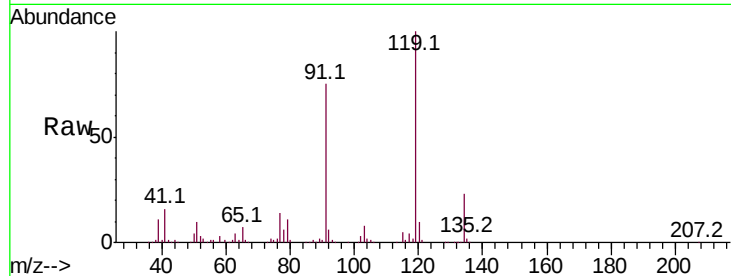




#83
tert-Butylbenzene
Concen: 19.597 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

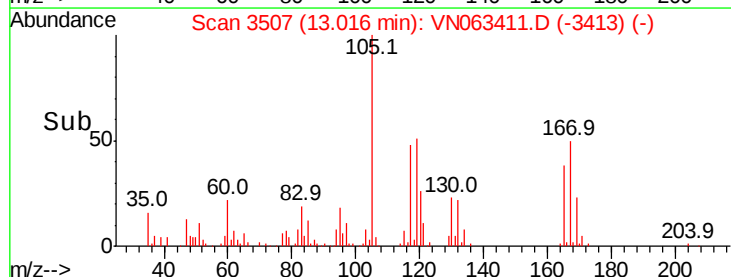
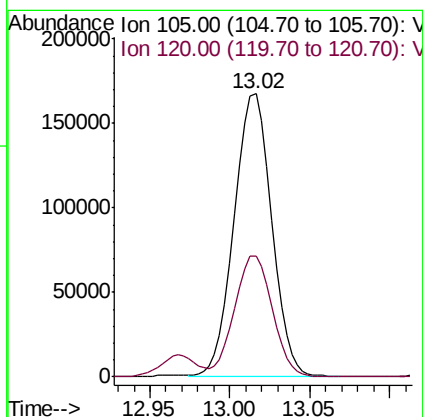
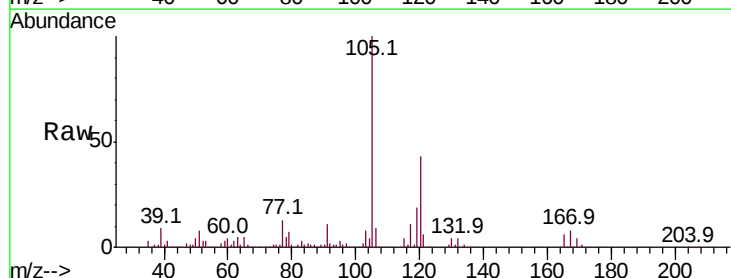
Instrument :
MSVOA_N
ClientSampled :
VN0917WBS01

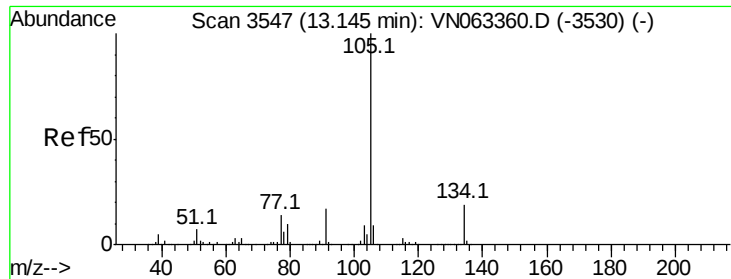
Tot Ion:119 Resp: 216609
Ion Ratio Lower Upper
119 100
91 73.1 36.3 108.9
134 23.0 12.3 36.8



#84
1,2,4-Trimethylbenzene
Concen: 19.731 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063411.D
Acq: 17 Sep 2020 11:58

Tgt Ion:105 Resp: 266914
Ion Ratio Lower Upper
105 100
120 43.3 21.3 63.9

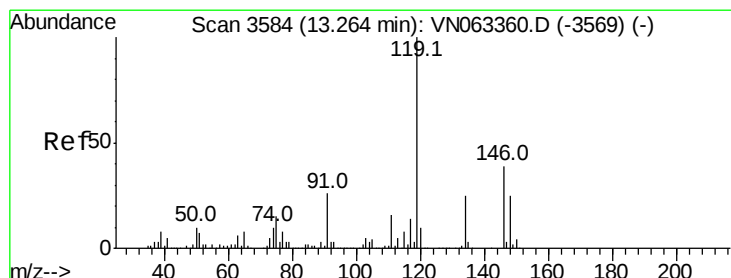
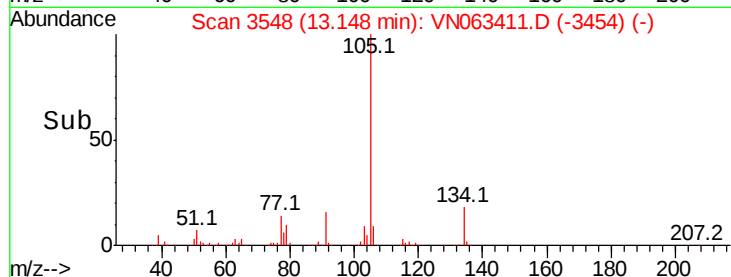
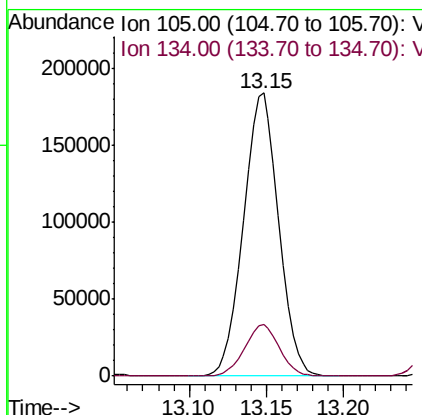
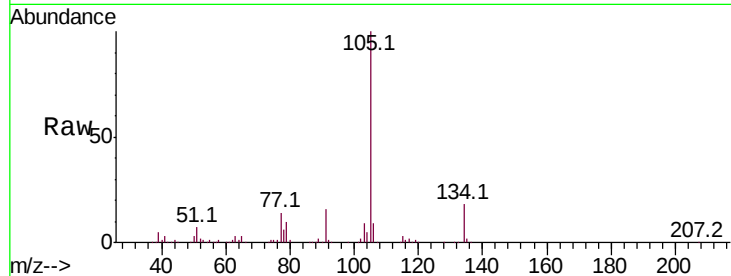




#85
 sec-Butylbenzene
 Concen: 19.620 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063411.D
 Acq: 17 Sep 2020 11:58

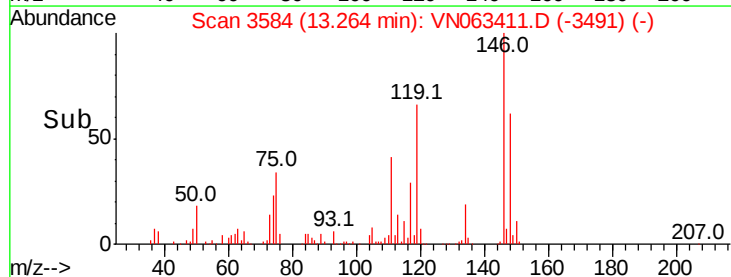
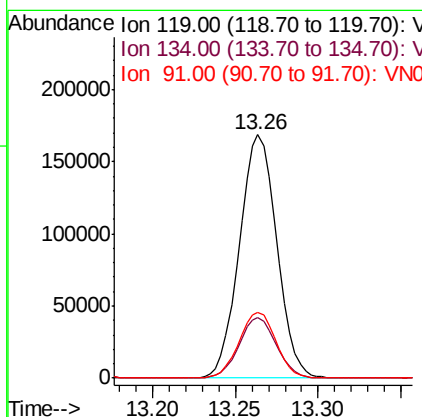
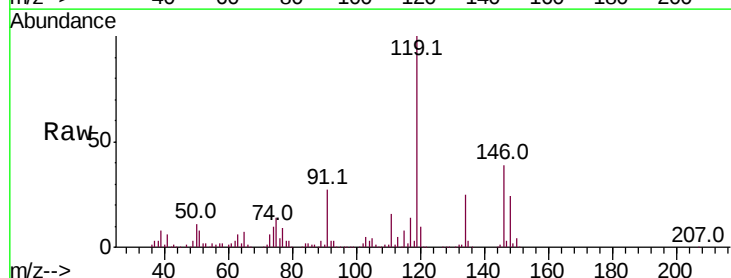
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

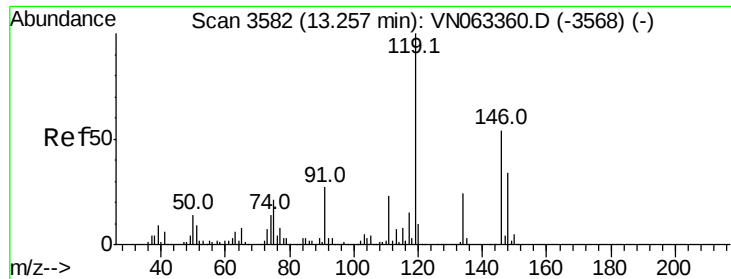
Tot Ion:105 Resp: 290287
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 20.234 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063411.D
 Acq: 17 Sep 2020 11:58

Tgt Ion:119 Resp: 264044
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 27.0 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 19.815 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

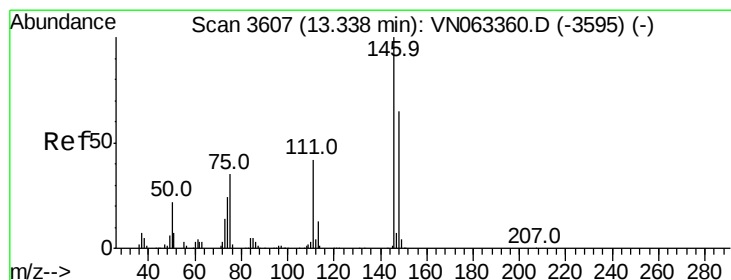
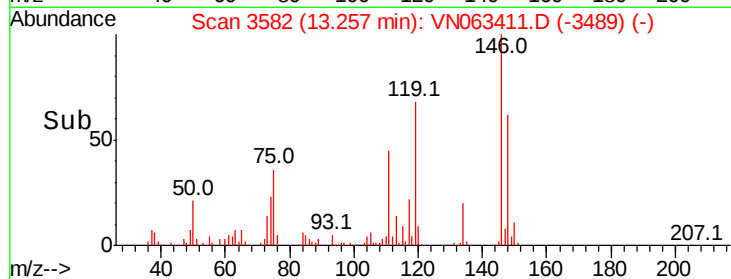
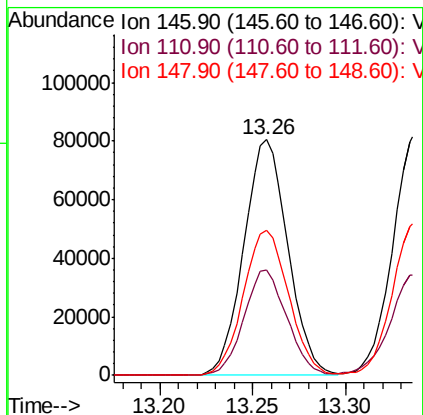
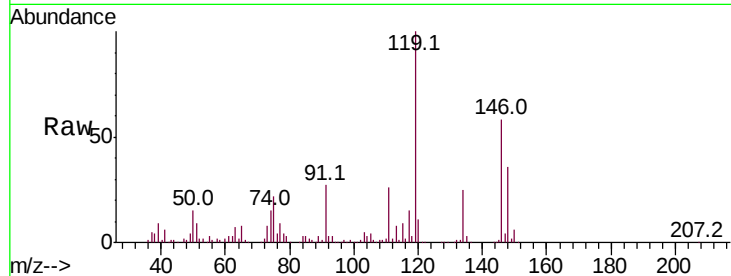
Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS01

Tot Ion:146 Resp: 132682

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.4	64.3
148	63.2	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 20.065 ug/l

RT: 13.34 min Scan# 3607

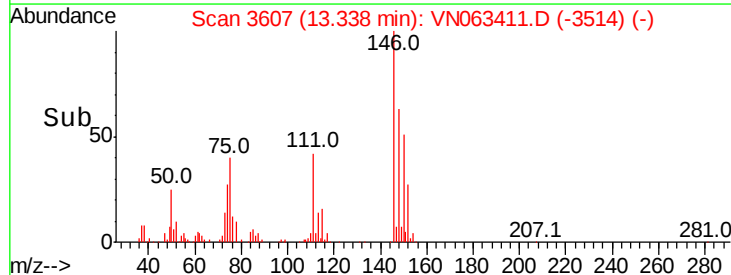
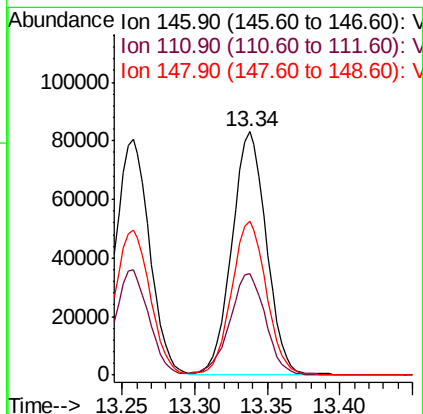
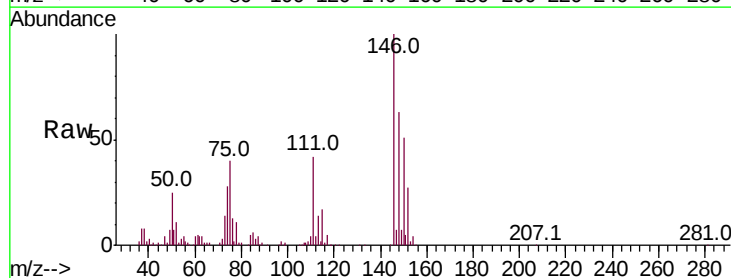
Delta R.T. -0.00 min

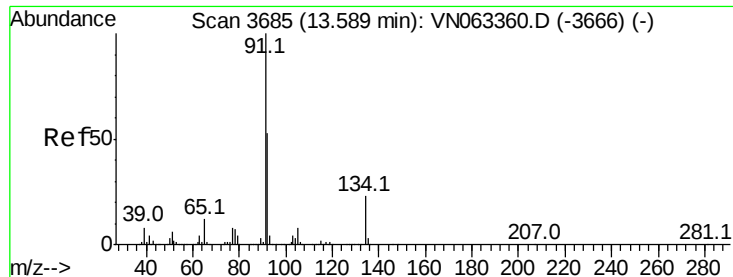
Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Tgt Ion:146 Resp: 136601

Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.2	63.6
148	64.5	31.9	95.9





#89

n-Butylbenzene

Concen: 20.080 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

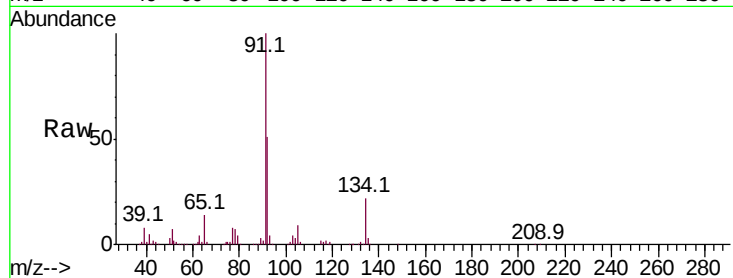
Tot Ion: 91 Resp: 241537

Ion Ratio Lower Upper

91 100

92 50.5 26.0 78.0

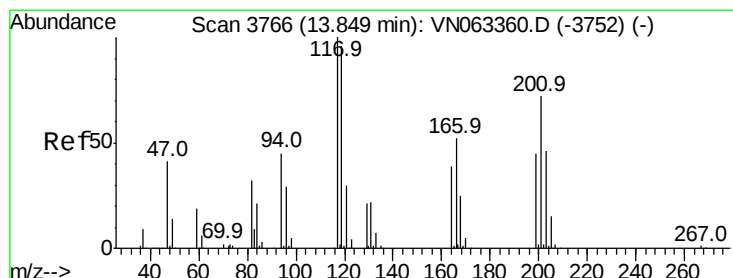
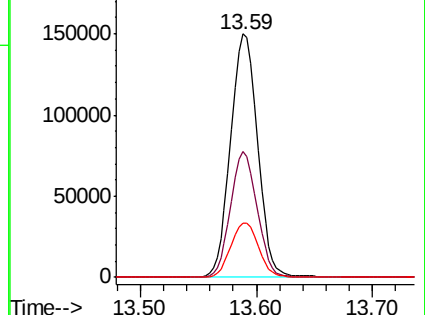
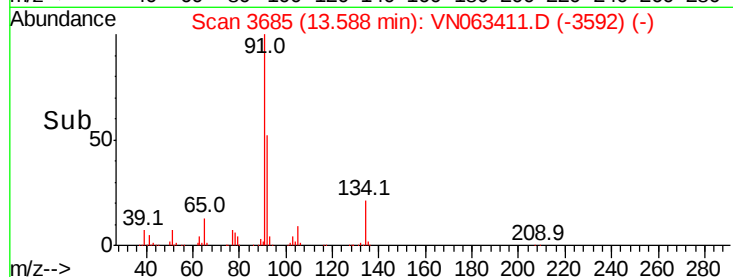
134 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063411.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN063411.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN063411.D (-3592) (-)



#90

Hexachloroethane

Concen: 19.032 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063411.D

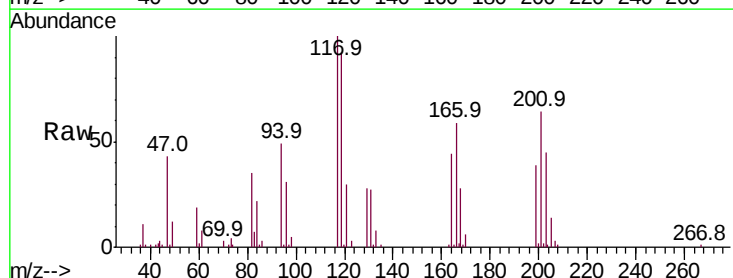
Acq: 17 Sep 2020 11:58

Tgt Ion: 117 Resp: 47293

Ion Ratio Lower Upper

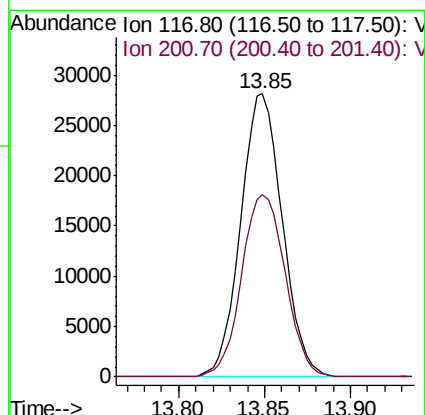
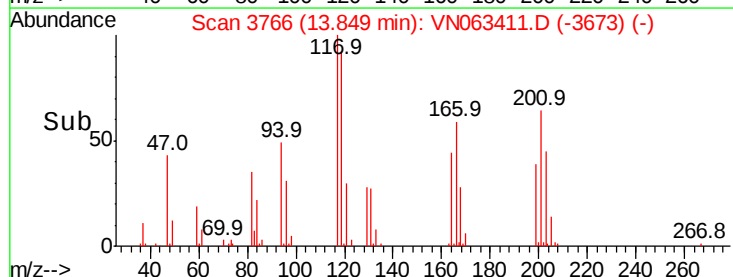
117 100

201 67.6 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063411.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063411.D (-3673) (-)





#91

1,2-Dichlorobenzene

Concen: 19.941 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

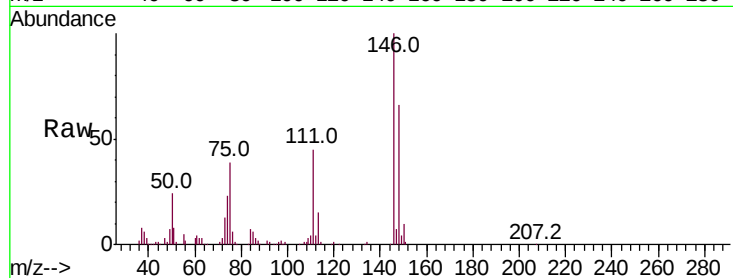
Tot Ion:146 Resp: 131091

Ion Ratio Lower Upper

146 100

111 45.0 22.4 67.2

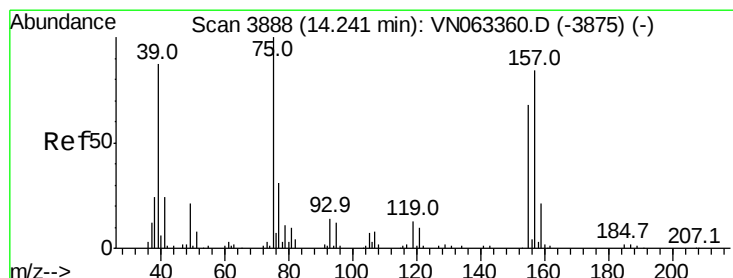
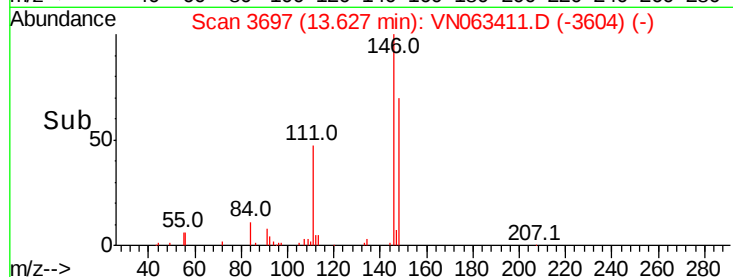
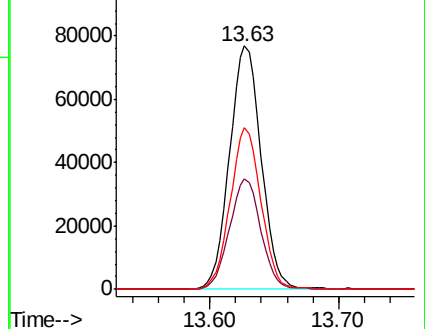
148 64.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.288 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

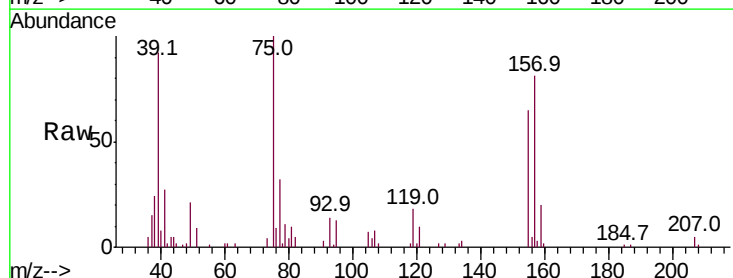
Tgt Ion: 75 Resp: 21656

Ion Ratio Lower Upper

75 100

155 66.2 34.6 103.9

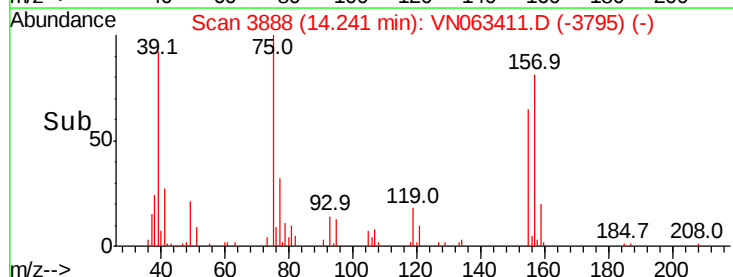
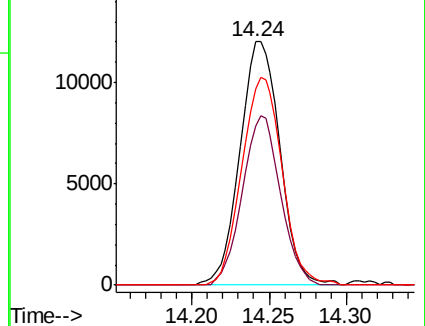
157 85.8 43.7 131.1

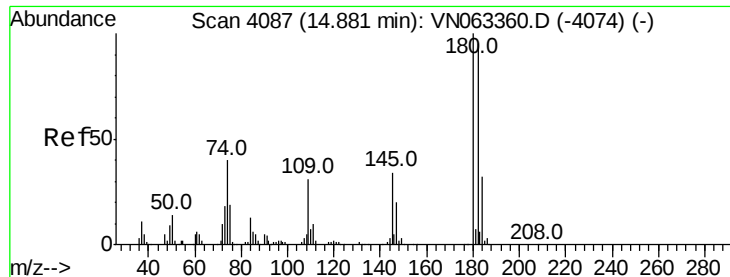


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

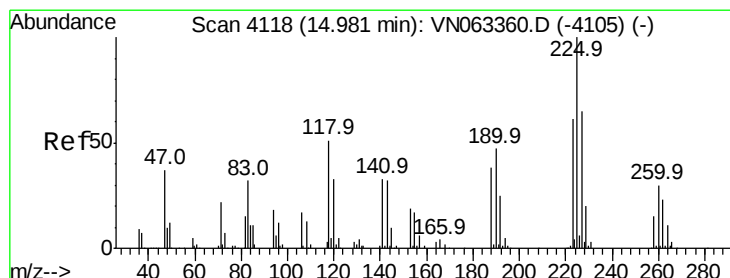
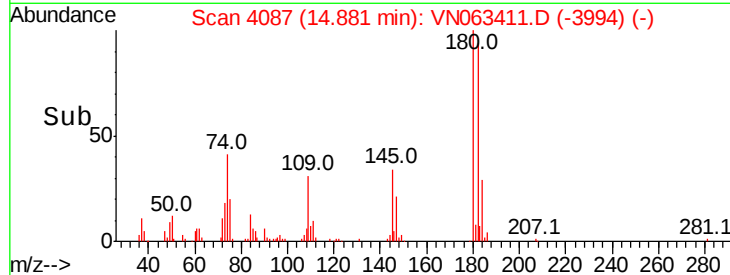
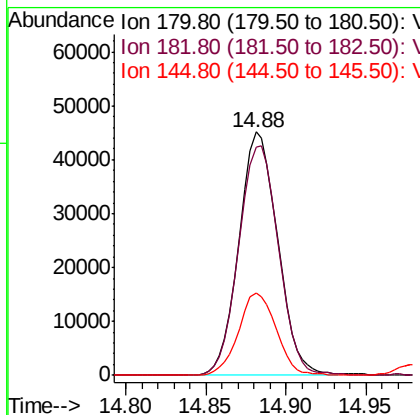
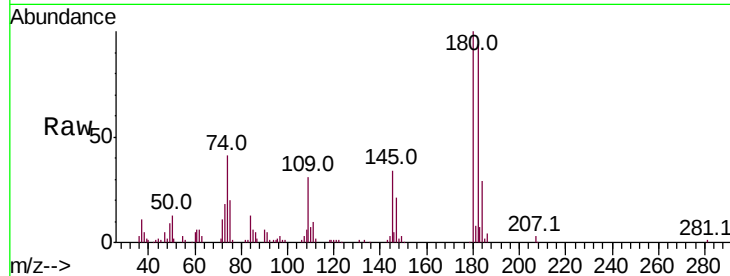




#93
 1,2,4-Trichlorobenzene
 Concen: 19.248 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063411.D
 Acq: 17 Sep 2020 11:58

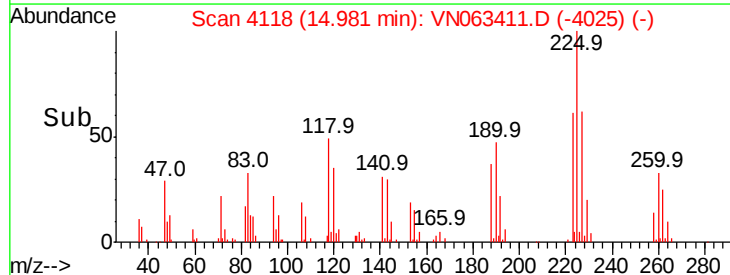
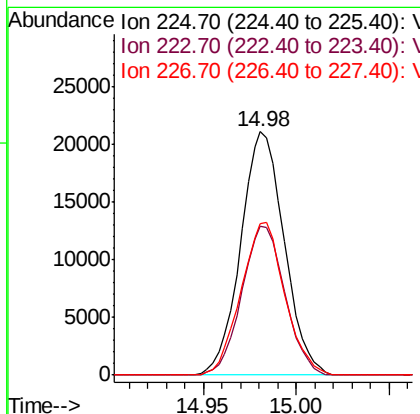
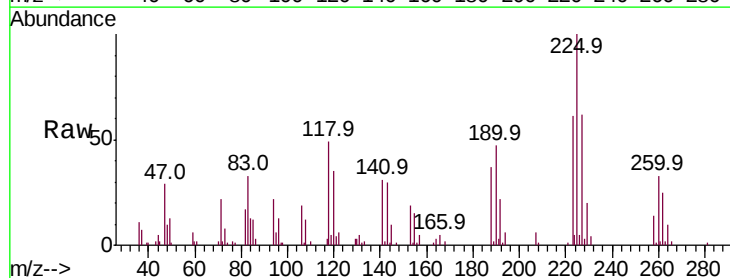
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

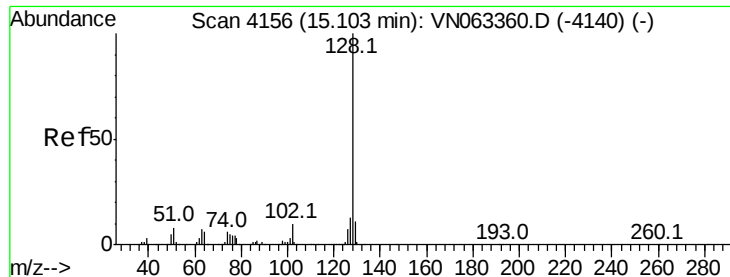
Tot Ion:180 Resp: 74599
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.3 142.0
 145 32.8 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 21.322 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063411.D
 Acq: 17 Sep 2020 11:58

Tgt Ion:225 Resp: 34211
 Ion Ratio Lower Upper
 225 100
 223 60.6 30.6 91.6
 227 63.0 31.2 93.6





#95

Naphthalene

Concen: 18.731 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

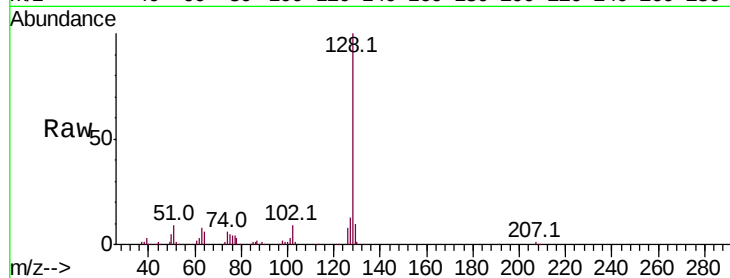
Tot Ion:128 Resp: 239836

Ion Ratio Lower Upper

128 100

127 12.3 10.6 15.8

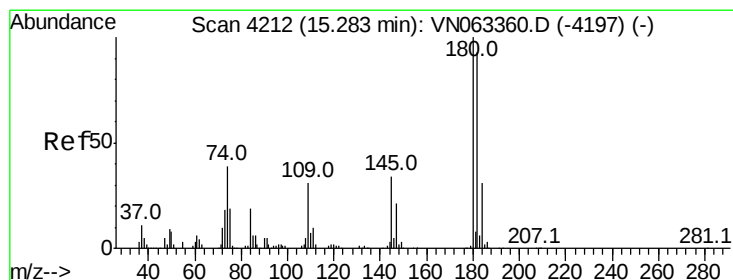
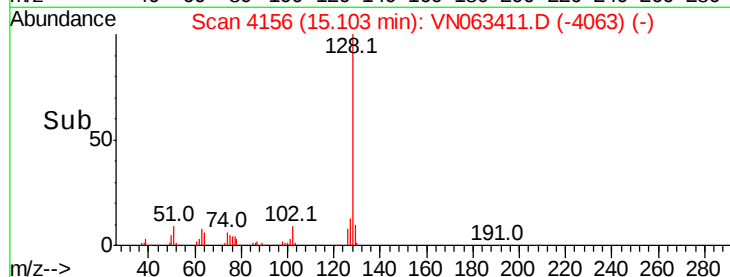
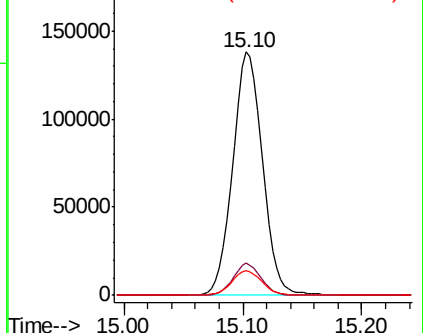
129 10.5 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.752 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063411.D

Acq: 17 Sep 2020 11:58

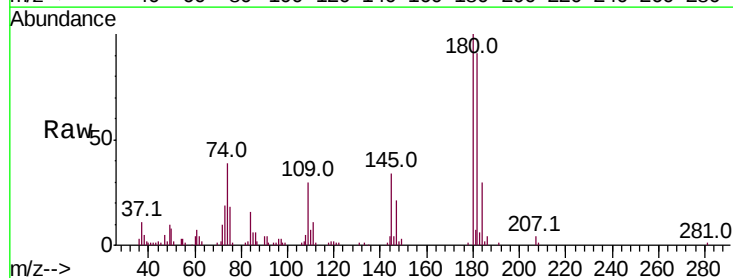
Tgt Ion:180 Resp: 70221

Ion Ratio Lower Upper

180 100

182 95.8 46.7 140.1

145 34.0 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

