

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\
 Data File : VN063676.D
 Acq On : 25 Sep 2020 14:19
 Operator : JC/MD
 Sample : VN0925WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Quant Time: Sep 28 02:01:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	275586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	464741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	435758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	207930	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	229890	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	7.55	113	161948	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.06	98	597415	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.38	95	222565	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	56874	18.216	ug/l	98
3) Chloromethane	2.04	50	70779	17.137	ug/l	96
4) Vinyl Chloride	2.17	62	68565	18.737	ug/l	96
5) Bromomethane	2.54	94	46160	21.245	ug/l	99
6) Chloroethane	2.68	64	41703	18.566	ug/l	98
7) Trichlorofluoromethane	2.99	101	110076	20.162	ug/l	99
8) Diethyl Ether	3.38	74	38988	18.319	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	59376	19.338	ug/l	97
10) Methyl Iodide	3.91	142	69792	17.459	ug/l	97
11) Tert butyl alcohol	4.73	59	54370	83.659	ug/l	98
12) 1,1-Dichloroethene	3.70	96	55808	17.945	ug/l	96
13) Acrolein	3.57	56	15682	65.113	ug/l	100
14) Allyl chloride	4.28	41	107474	17.471	ug/l	96
15) Acrylonitrile	4.93	53	156731	94.809	ug/l	99
16) Acetone	3.77	43	145667	96.617	ug/l	99
17) Carbon Disulfide	4.02	76	147806	16.339	ug/l	98
18) Methyl Acetate	4.28	43	80598	21.058	ug/l #	75
19) Methyl tert-butyl Ether	4.99	73	214933	18.543	ug/l	99
20) Methylene Chloride	4.51	84	71063	18.603	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	62519	18.145	ug/l	93
22) Diisopropyl ether	5.90	45	232891	18.563	ug/l	94
23) Vinyl Acetate	5.85	43	952565	92.449	ug/l	99
24) 1,1-Dichloroethane	5.80	63	128122	18.705	ug/l	98
25) 2-Butanone	6.78	43	219936	94.850	ug/l	99
26) 2,2-Dichloropropane	6.78	77	113496	18.820	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	74281	19.047	ug/l	98
28) Bromochloromethane	7.15	49	66548	21.042	ug/l	97
29) Tetrahydrofuran	7.17	42	141162	89.136	ug/l	99
30) Chloroform	7.33	83	133953	19.492	ug/l	100
31) Cyclohexane	7.61	56	106415	16.424	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	120183	19.663	ug/l	98
36) 1,1-Dichloropropene	7.75	75	93781	18.941	ug/l	99
37) Ethyl Acetate	6.89	43	92862	19.110	ug/l	99
38) Carbon Tetrachloride	7.74	117	99089	19.605	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	92785	17.267	ug/l	97
40) Benzene	8.00	78	276467	19.561	ug/l	100
41) Methacrylonitrile	7.16	41	138127	63.200	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	116527	20.501	ug/l	98
43) Isopropyl Acetate	8.13	43	162861	18.743	ug/l	99
44) Trichloroethene	8.80	130	70093	20.447	ug/l	99
45) 1,2-Dichloropropane	9.08	63	76887	19.974	ug/l	96
46) Dibromomethane	9.18	93	51972	20.542	ug/l	99
47) Bromodichloromethane	9.37	83	106438	20.250	ug/l	99
48) Methyl methacrylate	9.17	41	81538	19.100	ug/l	99
49) 1,4-Dioxane	9.17	88	21639	353.219	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	487428	100.203	ug/l	100
52) Toluene	10.12	92	170653	20.082	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	112851	19.232	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	121803	19.679	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	71392	21.151	ug/l	98
56) Ethyl methacrylate	10.40	69	101533	19.269	ug/l	99
57) 1,3-Dichloropropane	10.68	76	120759	19.839	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	270709	97.936	ug/l	98
59) 2-Hexanone	10.72	43	355889	100.986	ug/l	100
60) Dibromochloromethane	10.87	129	77192	20.243	ug/l	97
61) 1,2-Dibromoethane	10.98	107	71807	20.477	ug/l	99
64) Tetrachloroethene	10.60	164	64059	21.589	ug/l	98
65) Chlorobenzene	11.41	112	181736	19.647	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	70683	20.846	ug/l	98
67) Ethyl Benzene	11.48	91	330976	19.000	ug/l	98
68) m/p-Xylenes	11.60	106	246710	39.282	ug/l	97
69) o-Xylene	11.92	106	114913	19.207	ug/l	99
70) Styrene	11.94	104	199553	19.889	ug/l	100
71) Bromoform	12.10	173	47930	18.975	ug/l #	95
73) Isopropylbenzene	12.23	105	315872	18.957	ug/l	99
74) N-amyl acetate	12.05	43	141480	17.937	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	101974	19.766	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	134873	26.206	ug/l #	100
77) Bromobenzene	12.50	156	76901	20.517	ug/l	93
78) n-propylbenzene	12.57	91	365733	18.845	ug/l	99
79) 2-Chlorotoluene	12.65	91	225902	19.418	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	268633	19.334	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	33516	17.854	ug/l	95
82) 4-Chlorotoluene	12.75	91	238685	19.418	ug/l	100
83) tert-Butylbenzene	12.97	119	216999	18.923	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	264964	18.880	ug/l	98
85) sec-Butylbenzene	13.15	105	283170	18.448	ug/l	100
86) p-Isopropyltoluene	13.26	119	254368	18.788	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	135673	19.530	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	136884	19.381	ug/l	99
89) n-Butylbenzene	13.59	91	222783	17.852	ug/l	99
90) Hexachloroethane	13.85	117	45175	17.523	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	134565	19.730	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22244	18.106	ug/l	96

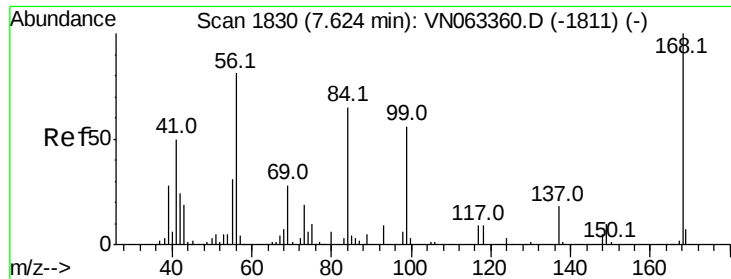
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	72246	17.968	ug/l	98
94) Hexachlorobutadiene	14.98	225	36907	22.172	ug/l	99
95) Naphthalene	15.10	128	222769	16.770	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	67571	17.393	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

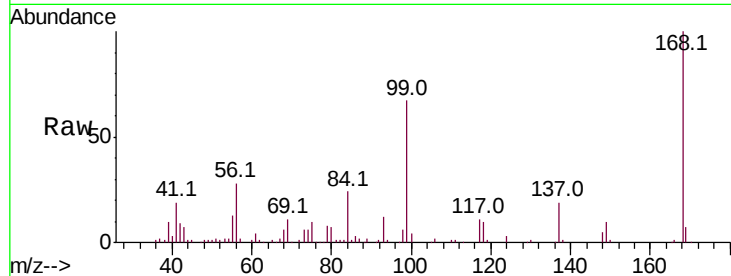
VN0925WBS01

Tot Ion:168 Resp: 275586

Ion Ratio Lower Upper

168 100

99 66.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

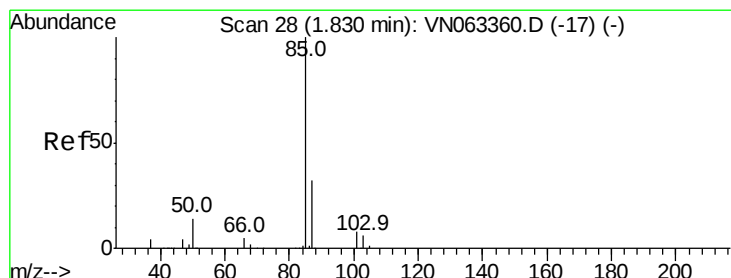
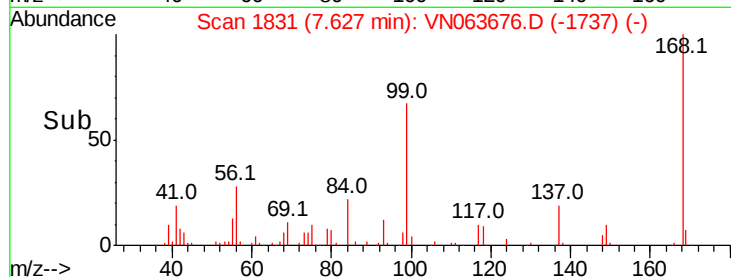
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.216 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063676.D

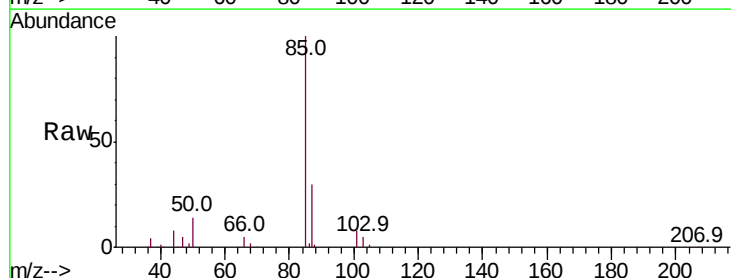
Acq: 25 Sep 2020 14:19

Tgt Ion: 85 Resp: 56874

Ion Ratio Lower Upper

85 100

87 30.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

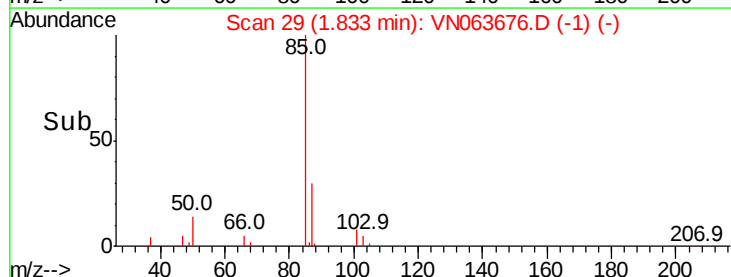
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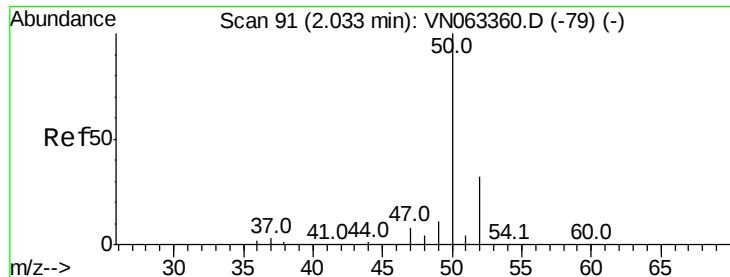
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.137 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

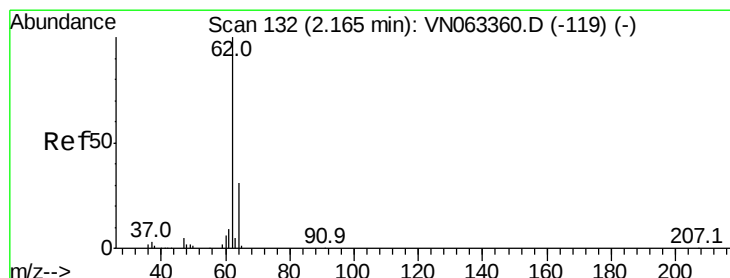
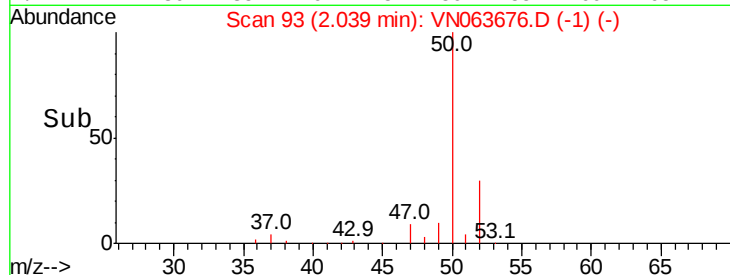
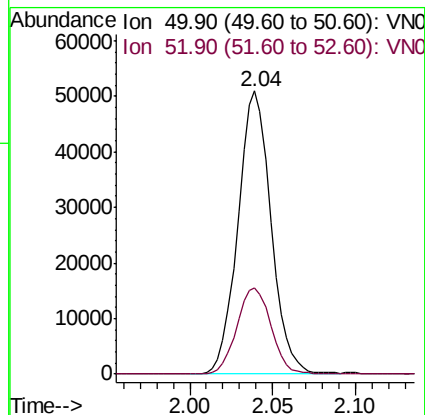
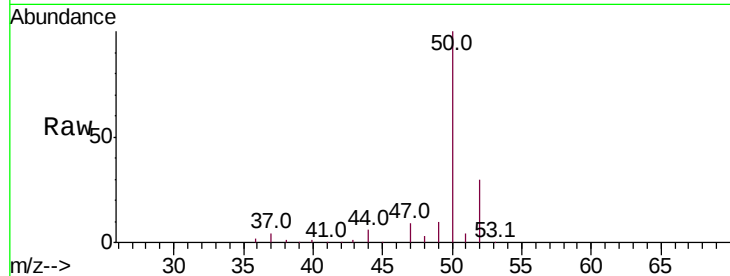
VN0925WBS01

Tot Ion: 50 Resp: 70779

Ion Ratio Lower Upper

50 100

52 30.3 25.9 38.9



#4

Vinyl Chloride

Concen: 18.737 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063676.D

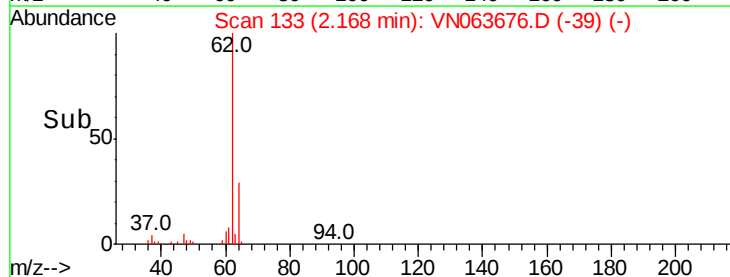
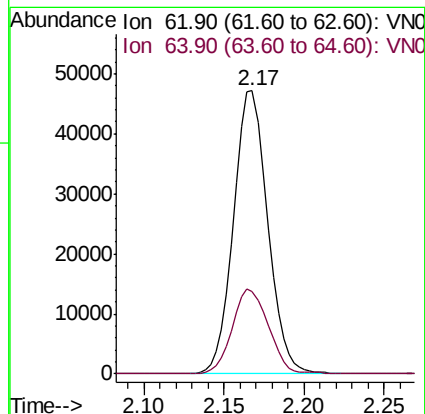
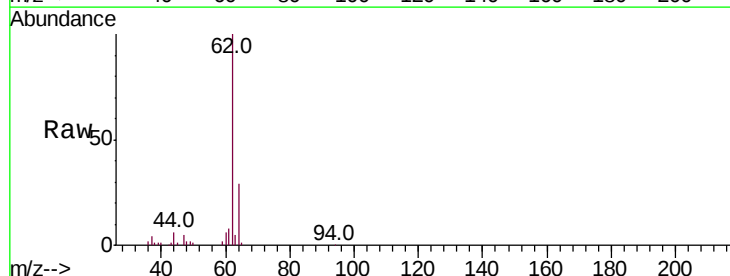
Acq: 25 Sep 2020 14:19

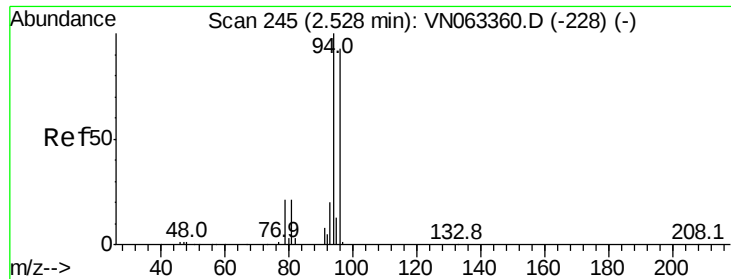
Tgt Ion: 62 Resp: 68565

Ion Ratio Lower Upper

62 100

64 29.3 25.1 37.7





#5

Bromomethane

Concen: 21.245 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

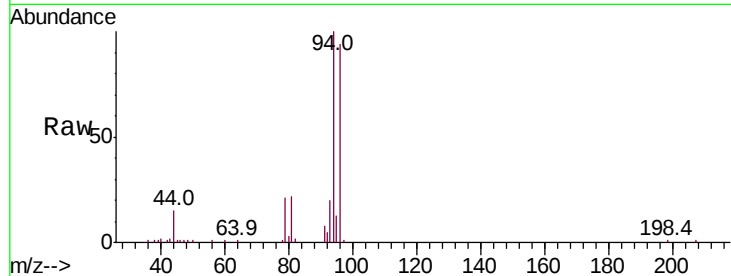
VN0925WBS01

Tot Ion: 94 Resp: 46160

Ion Ratio Lower Upper

94 100

96 94.0 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

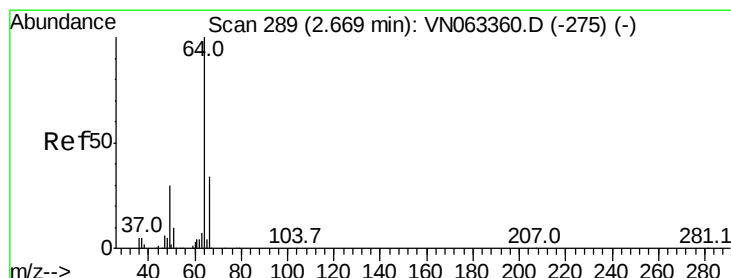
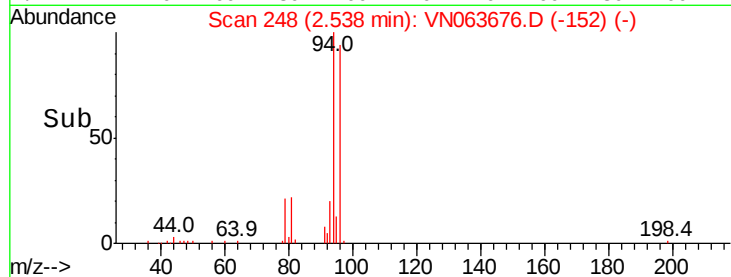
10000

5000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 18.566 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063676.D

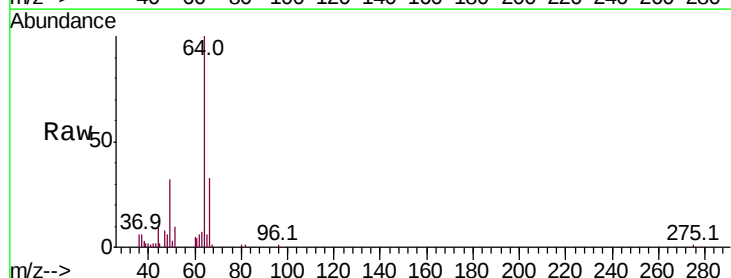
Acq: 25 Sep 2020 14:19

Tgt Ion: 64 Resp: 41703

Ion Ratio Lower Upper

64 100

66 32.7 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

20000

15000

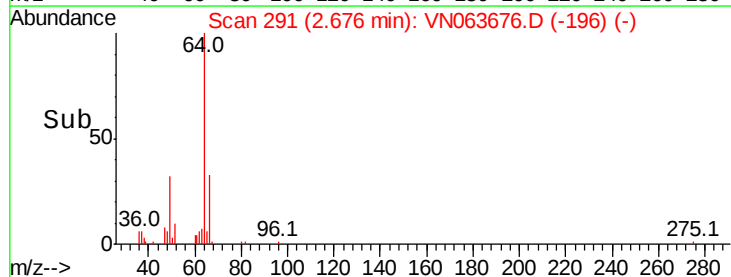
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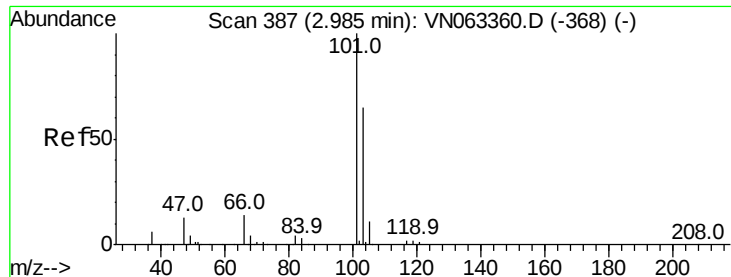
5000

0

Time-->

2.60 2.65 2.70 2.75



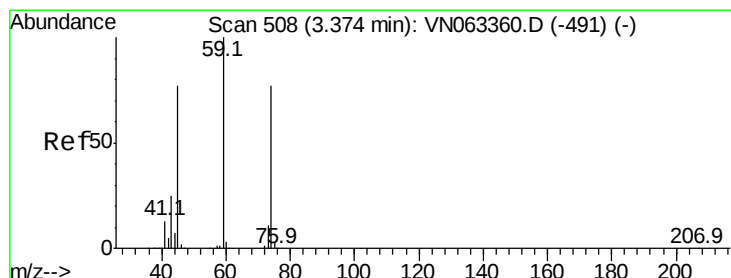
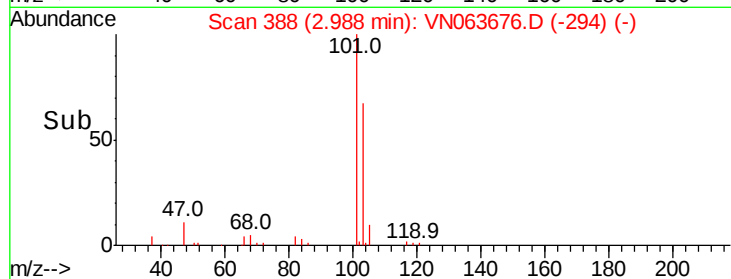
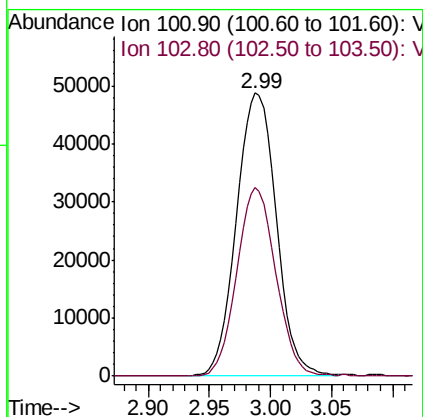
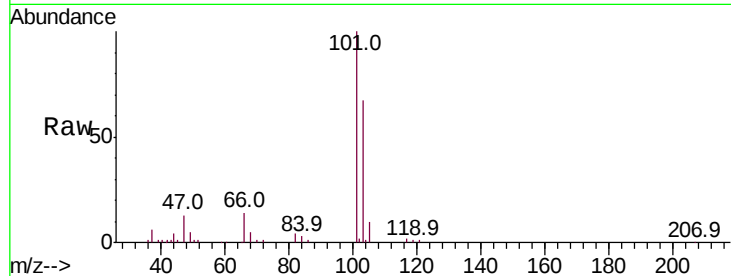


#7

Trichlorofluoromethane
 Concen: 20.162 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

Instrument :
 MSVOA_N
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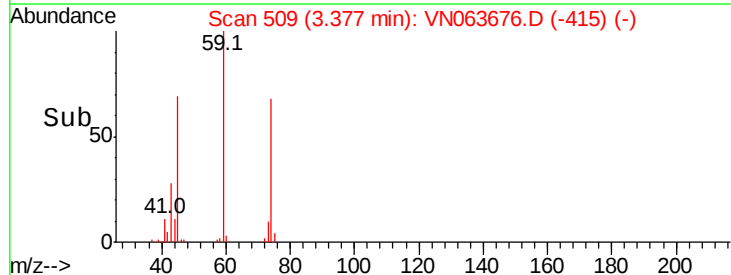
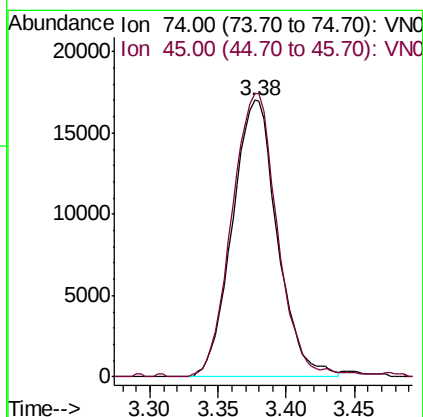
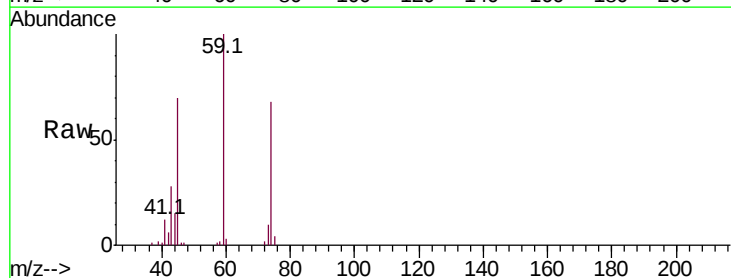
Tot Ion:101 Resp: 110076
 Ion Ratio Lower Upper
 101 100
 103 66.2 52.3 78.5

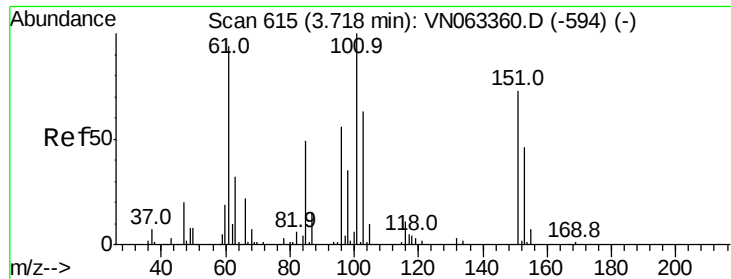


#8

Diethyl Ether
 Concen: 18.319 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

Tgt Ion: 74 Resp: 38988
 Ion Ratio Lower Upper
 74 100
 45 102.7 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.338 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

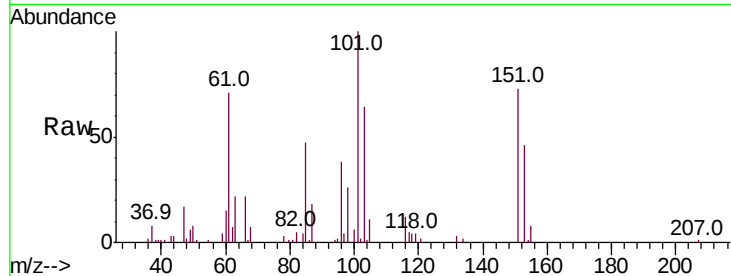
Tot Ion:101 Resp: 59376

Ion Ratio Lower Upper

101 100

85 49.1 37.7 56.5

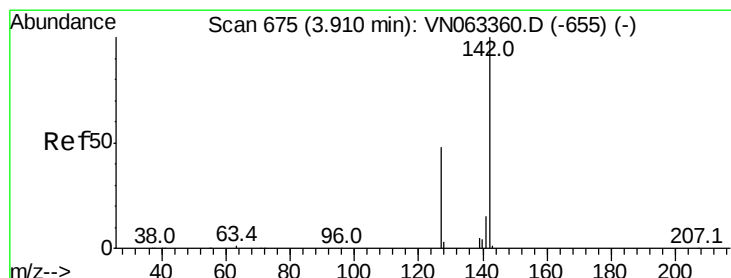
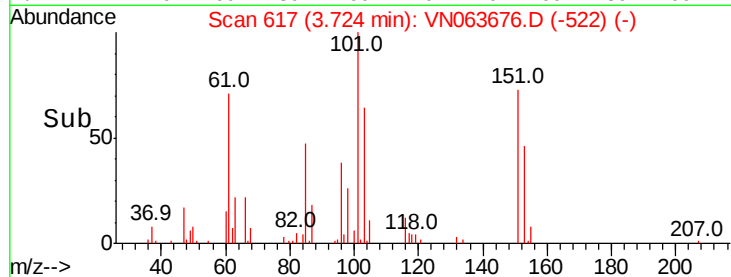
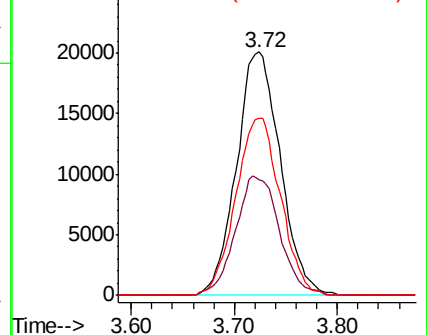
151 74.0 57.7 86.5



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: 17.459 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

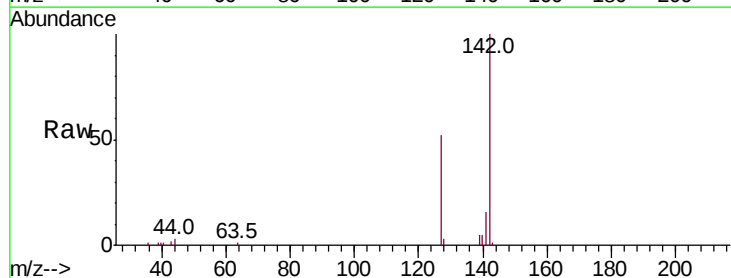
Tgt Ion:142 Resp: 69792

Ion Ratio Lower Upper

142 100

127 50.9 39.0 58.6

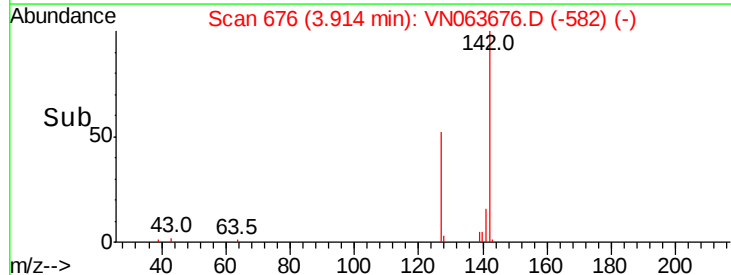
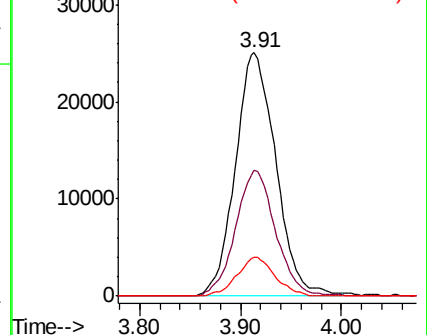
141 14.9 11.6 17.4

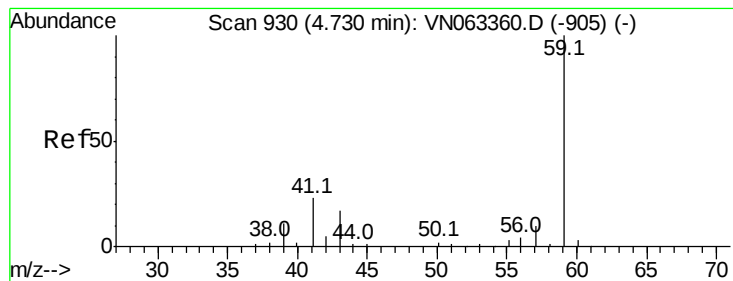


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



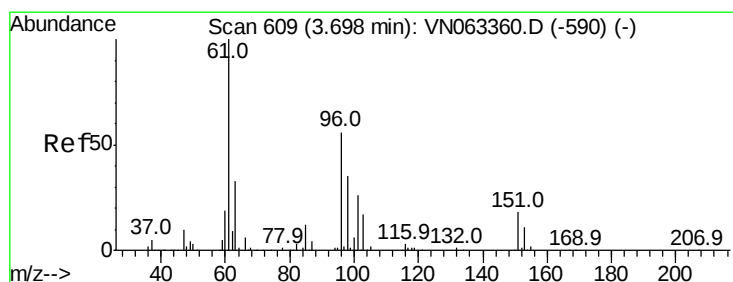
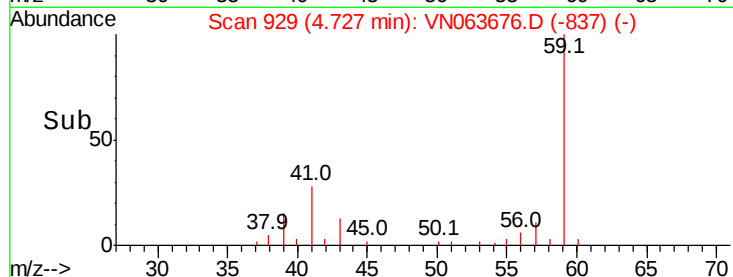
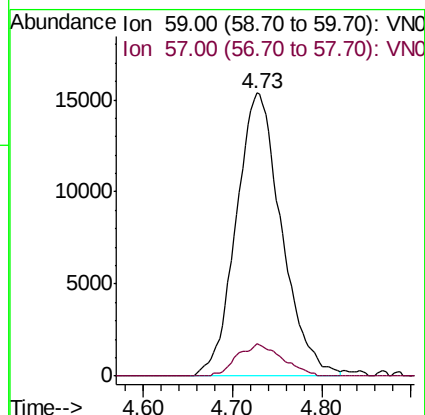
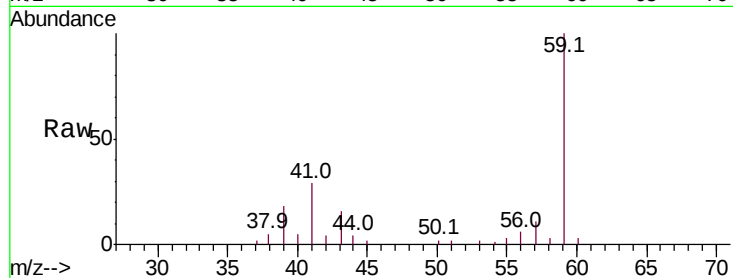


#11

Tert butyl alcohol
 Concen: 83.659 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

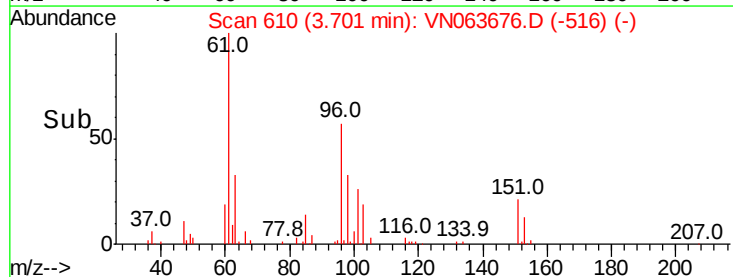
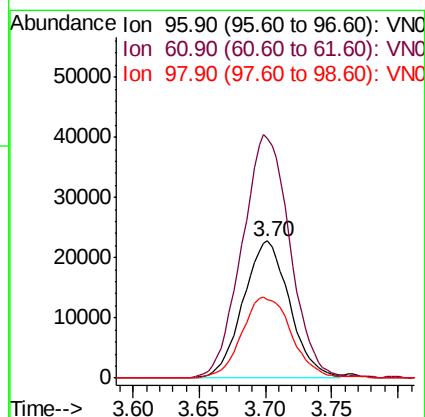
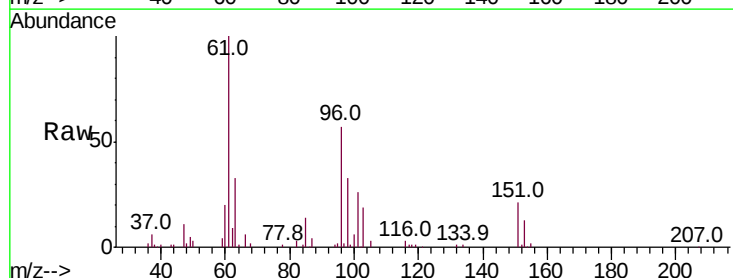
Tot Ion: 59 Resp: 54370
 Ion Ratio Lower Upper
 59 100
 57 11.3 8.4 12.6

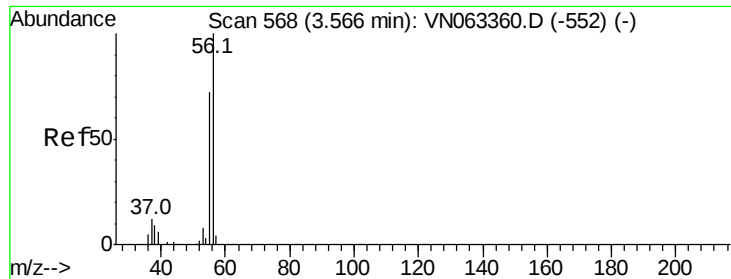


#12

1,1-Dichloroethene
 Concen: 17.945 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

Tgt Ion: 96 Resp: 55808
 Ion Ratio Lower Upper
 96 100
 61 174.5 143.4 215.2
 98 57.5 50.6 76.0





#13

Acrolein

Concen: 65.113 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

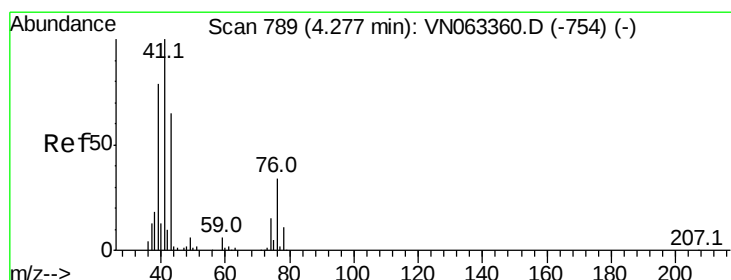
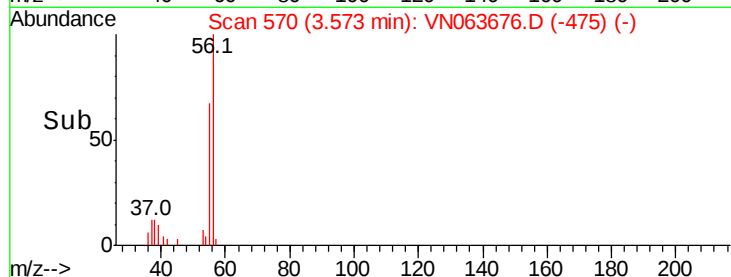
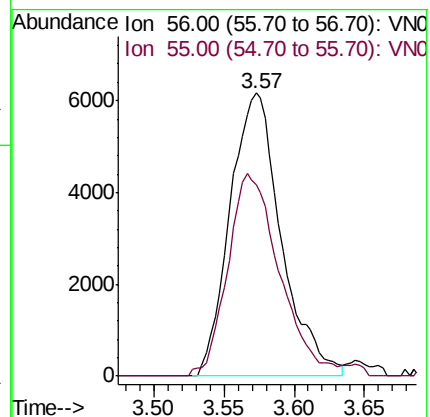
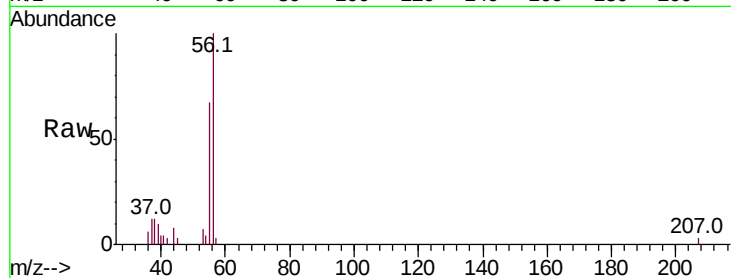
VN0925WBS01

Tot Ion: 56 Resp: 15682

Ion Ratio Lower Upper

56 100

55 72.3 58.2 87.2



#14

Allyl chloride

Concen: 17.471 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

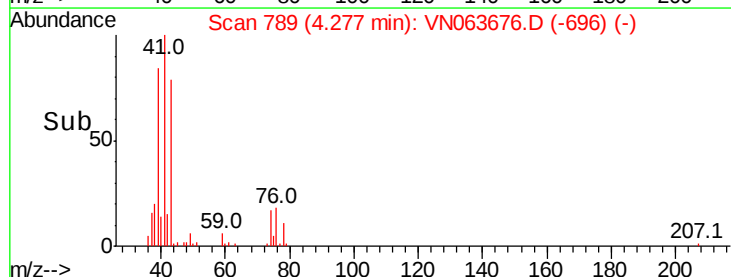
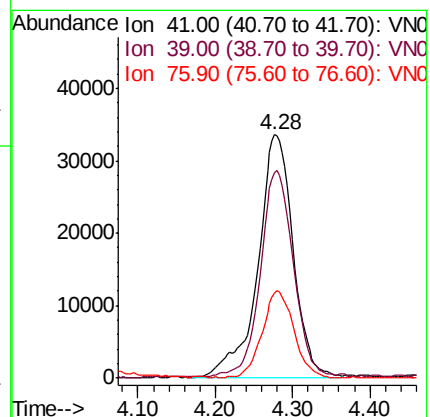
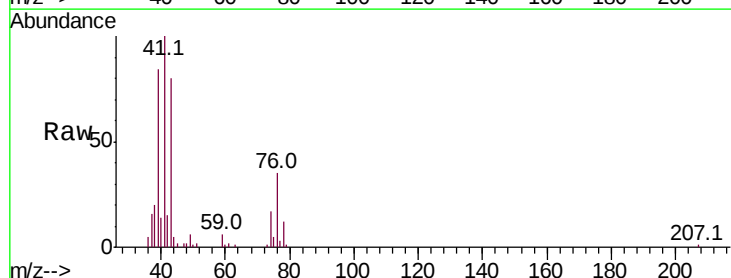
Tgt Ion: 41 Resp: 107474

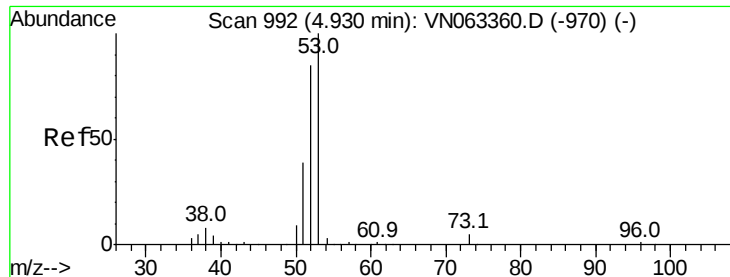
Ion Ratio Lower Upper

41 100

39 78.8 59.3 88.9

76 32.1 25.3 37.9





#15

Acrylonitrile

Concen: 94.809 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

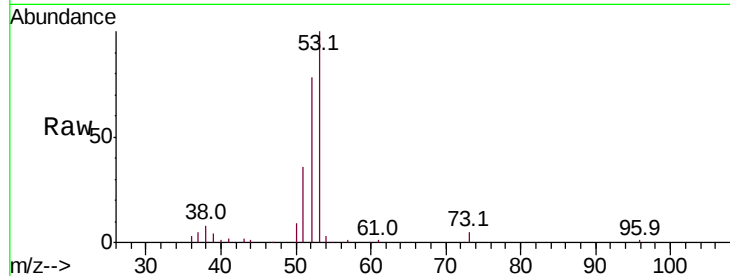
Tot Ion: 53 Resp: 156731

Ion Ratio Lower Upper

53 100

52 82.0 66.4 99.6

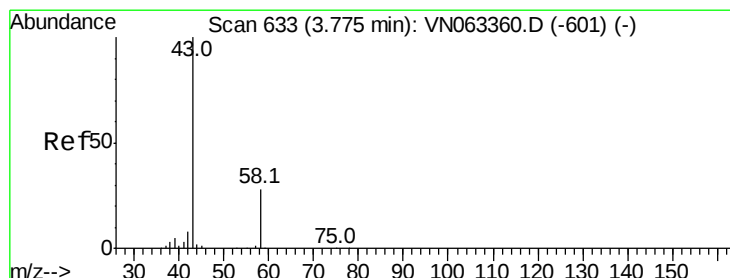
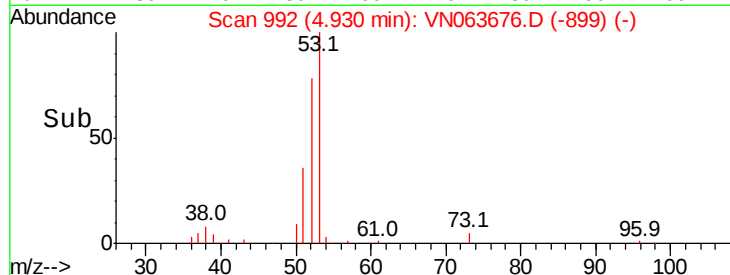
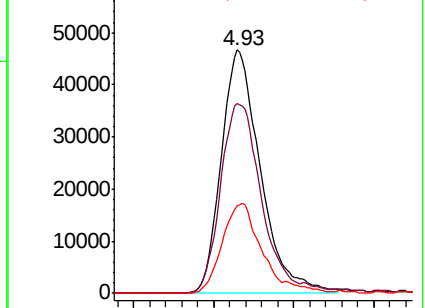
51 37.6 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 96.617 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063676.D

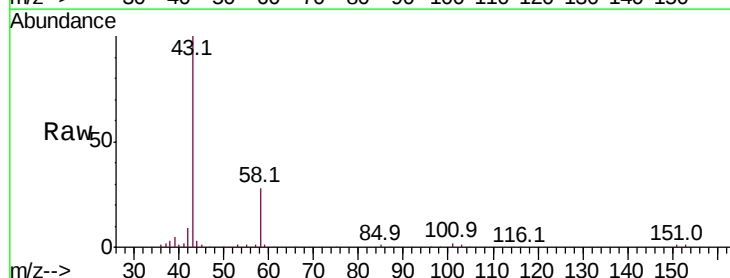
Acq: 25 Sep 2020 14:19

Tgt Ion: 43 Resp: 145667

Ion Ratio Lower Upper

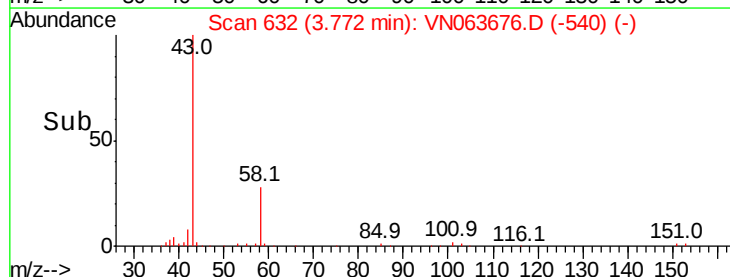
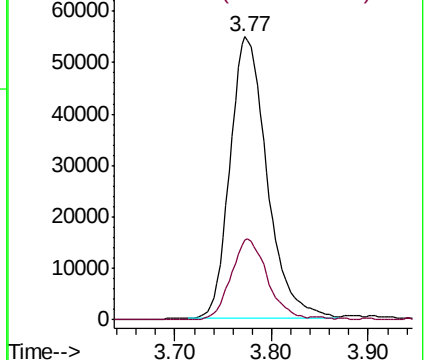
43 100

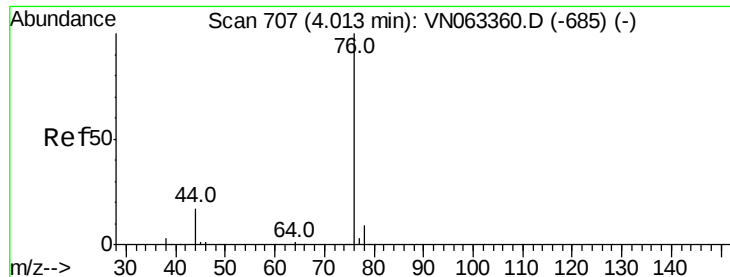
58 28.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

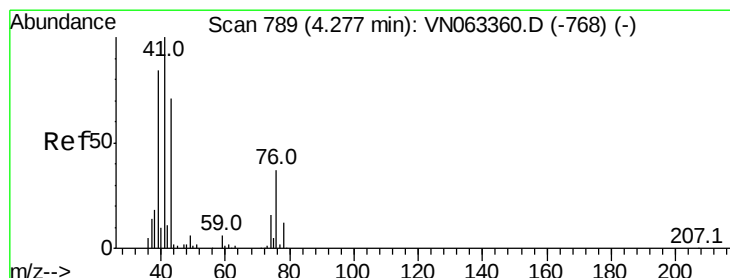
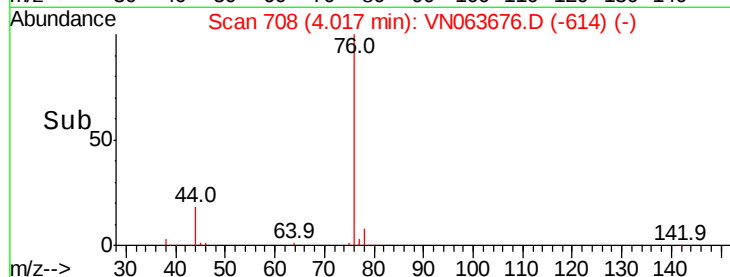
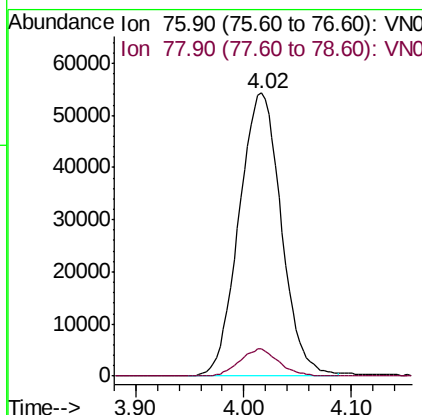
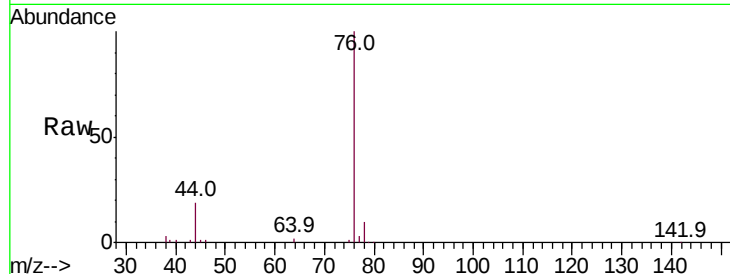




#17
Carbon Disulfide
Concen: 16.339 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063676.D
Acq: 25 Sep 2020 14:19

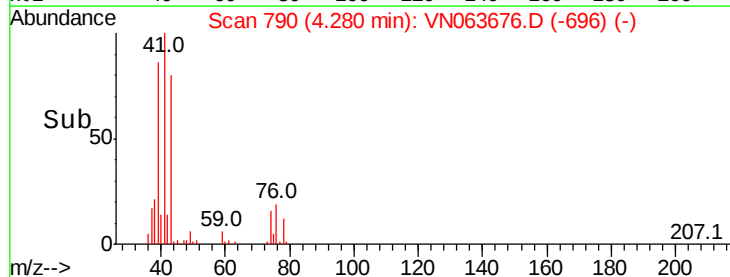
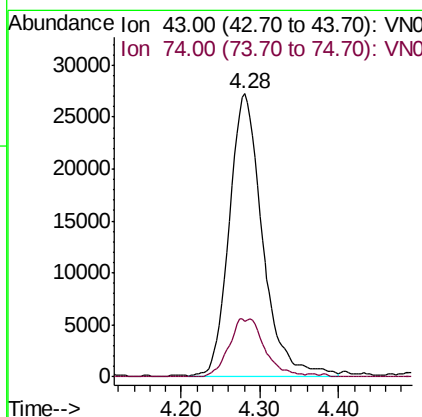
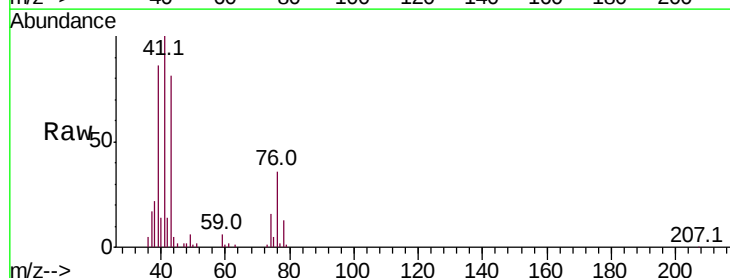
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

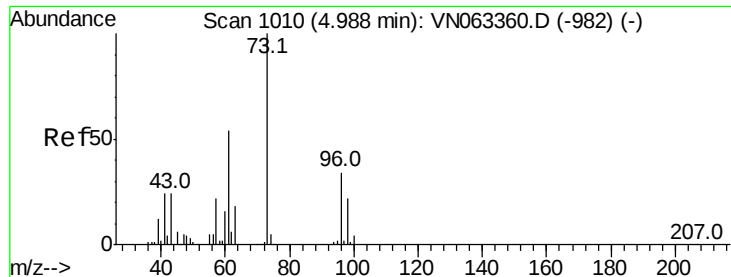
Tot Ion: 76 Resp: 147806
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#18
Methyl Acetate
Concen: 21.058 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063676.D
Acq: 25 Sep 2020 14:19

Tgt Ion: 43 Resp: 80598
Ion Ratio Lower Upper
43 100
74 10.1 17.4 26.2#



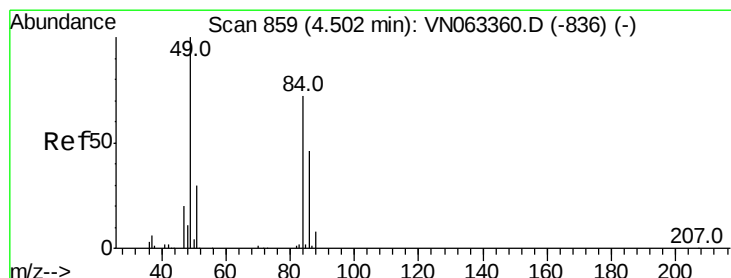
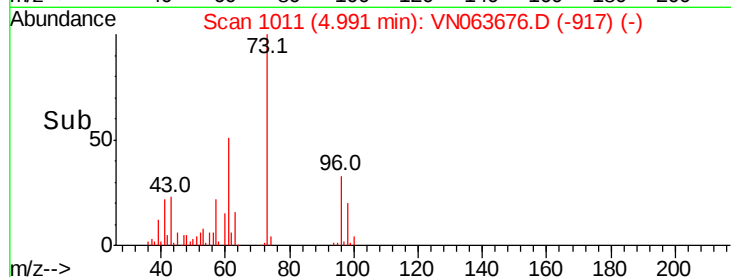
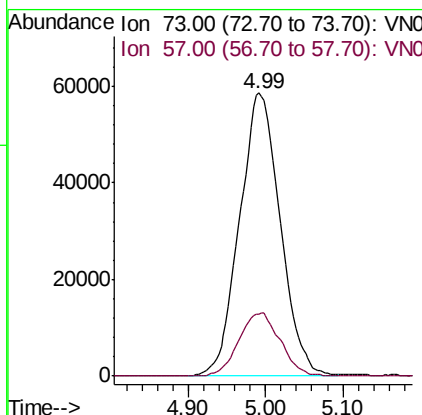
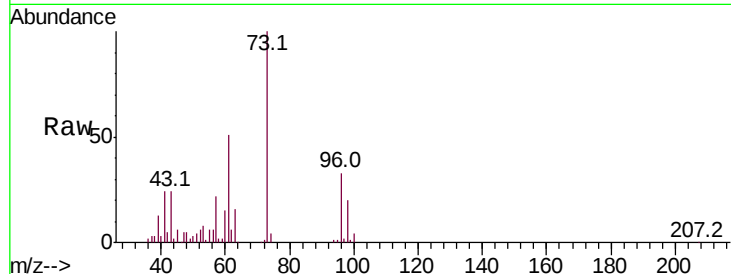


#19

Methyl tert-butyl Ether
 Concen: 18.543 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

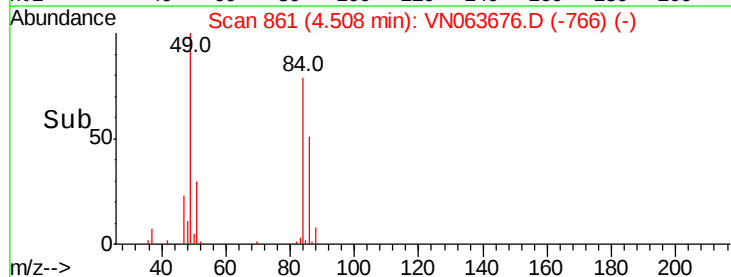
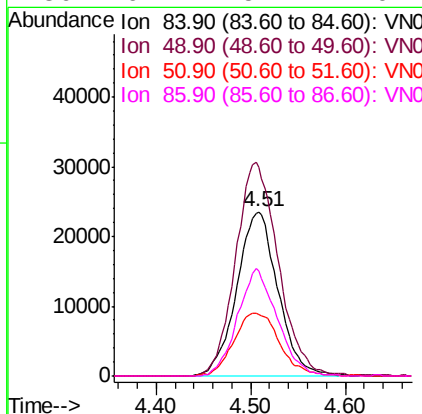
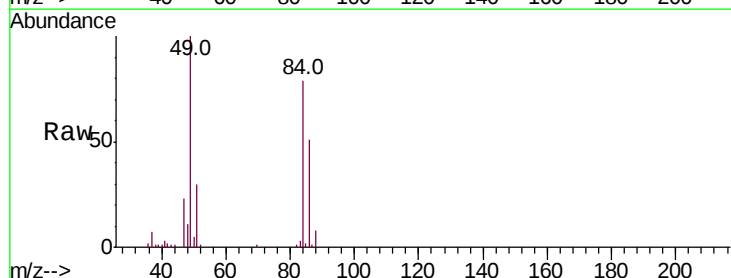
Tot Ion: 73 Resp: 214933
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.9 26.9

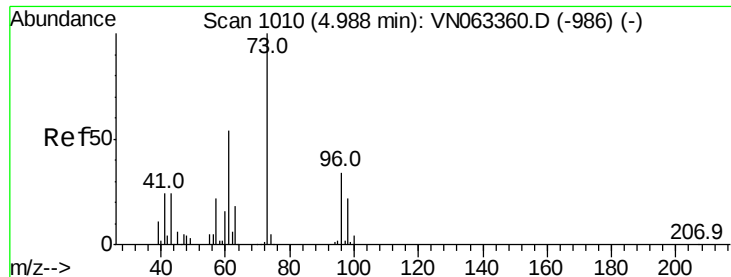


#20

Methylene Chloride
 Concen: 18.603 ug/l
 RT: 4.51 min Scan# 861
 Delta R.T. 0.01 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

Tgt Ion: 84 Resp: 71063
 Ion Ratio Lower Upper
 84 100
 49 126.8 110.7 166.1
 51 37.8 32.9 49.3
 86 64.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.145 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

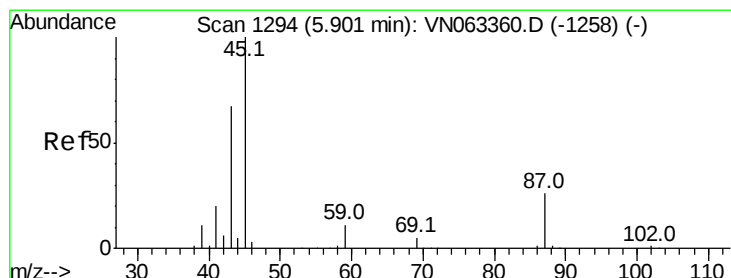
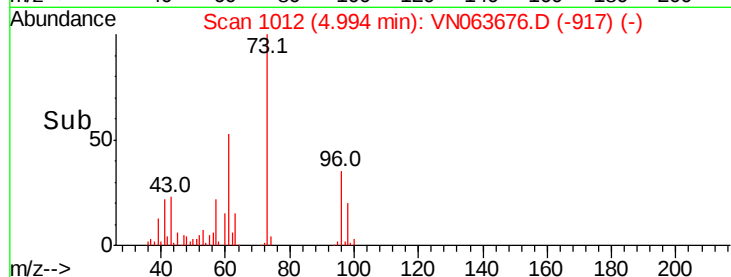
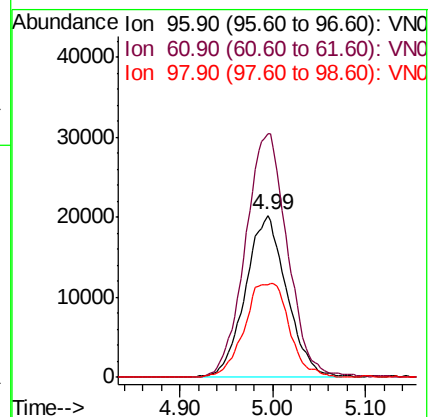
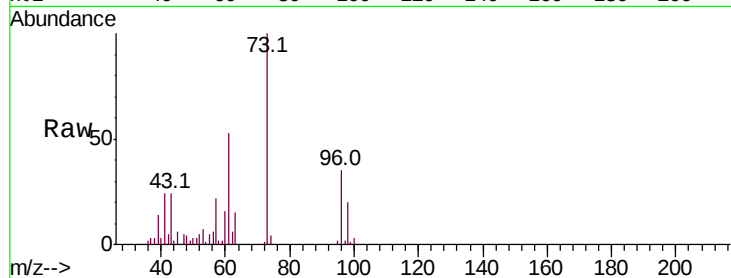
Tot Ion: 96 Resp: 62519

Ion Ratio Lower Upper

96 100

61 150.2 126.2 189.4

98 57.0 51.0 76.4



#22

Diisopropyl ether

Concen: 18.563 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Tgt Ion: 45 Resp: 232891

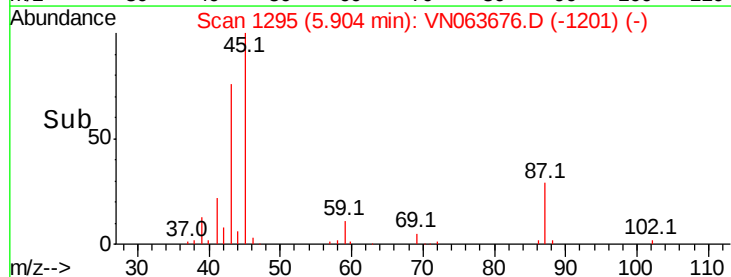
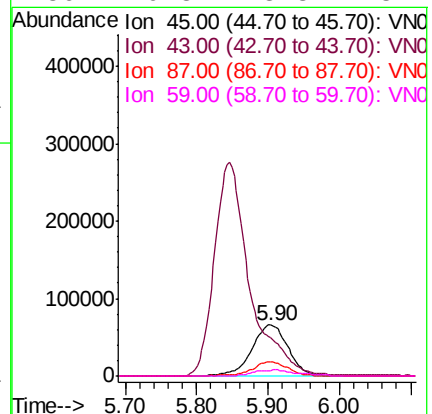
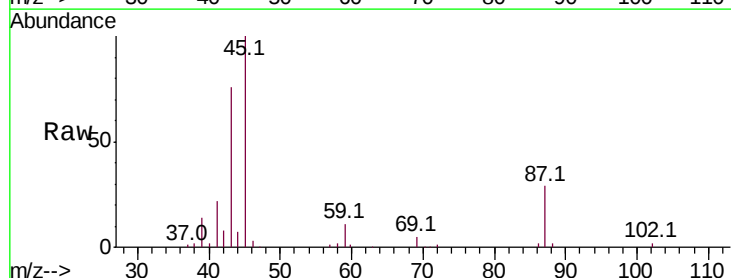
Ion Ratio Lower Upper

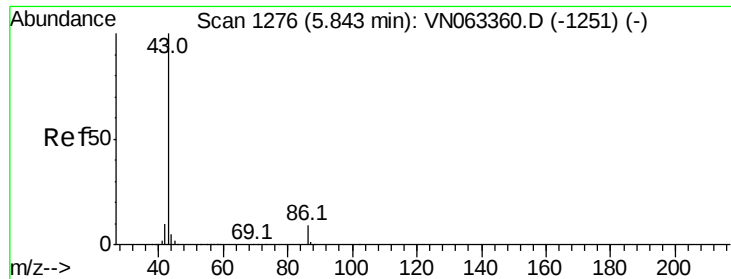
45 100

43 73.6 53.5 80.3

87 28.6 21.2 31.8

59 10.8 8.8 13.2

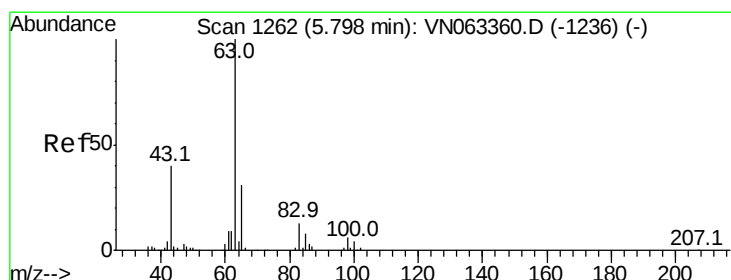
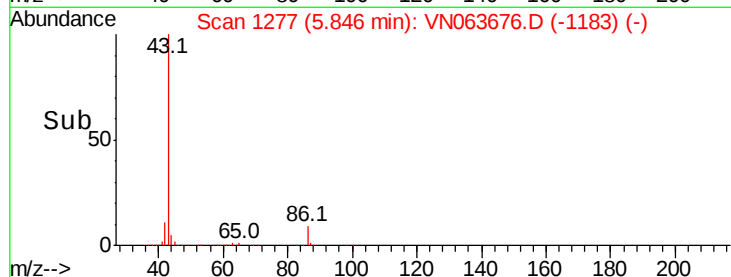
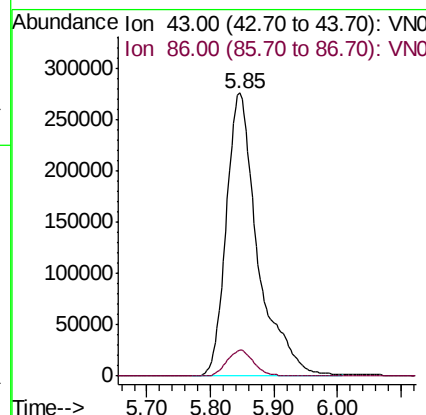
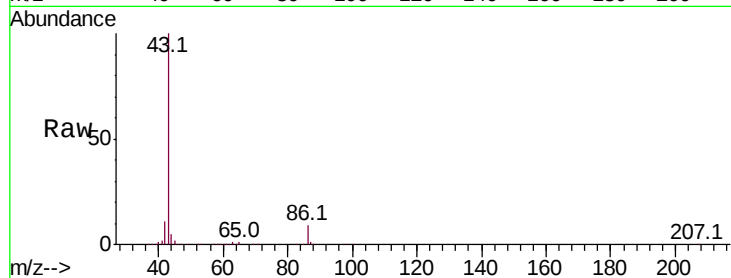




#23
 Vinyl Acetate
 Concen: 92.449 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

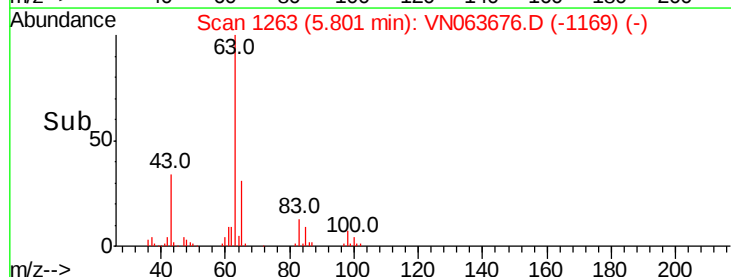
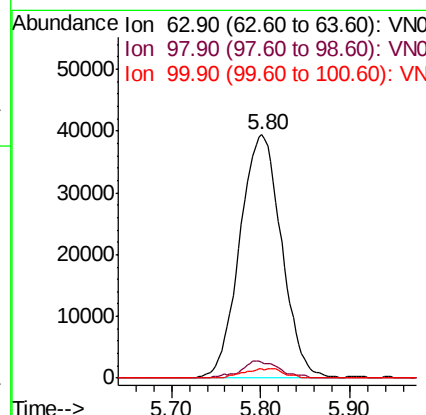
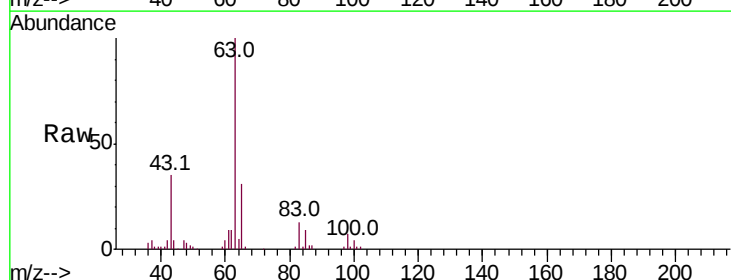
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

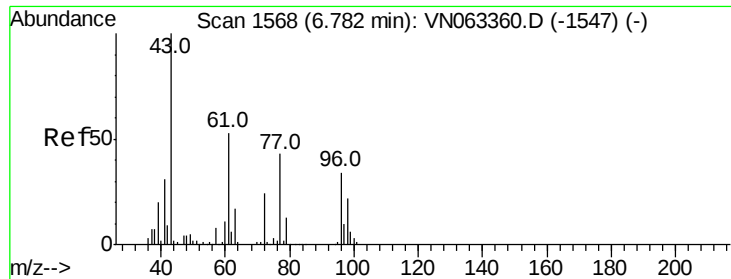
Tot Ion: 43 Resp: 952565
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 18.705 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

Tgt Ion: 63 Resp: 128122
 Ion Ratio Lower Upper
 63 100
 98 6.6 2.9 8.8
 100 3.7 2.1 6.3





#25

2-Butanone

Concen: 94.850 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampled :

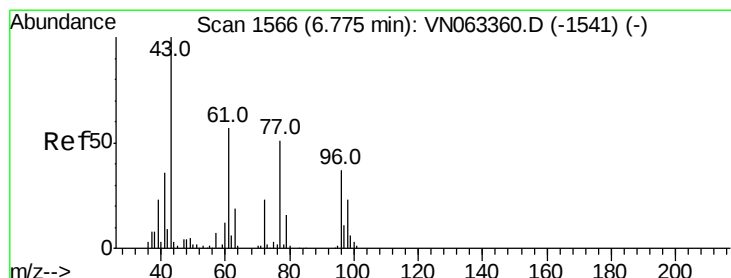
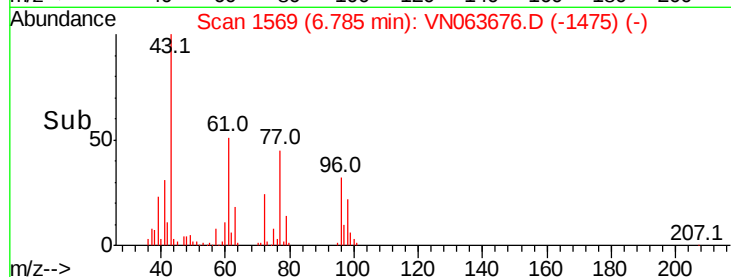
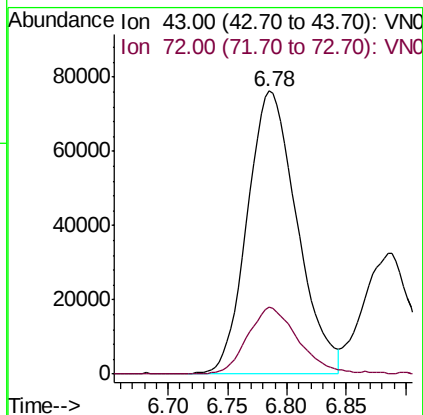
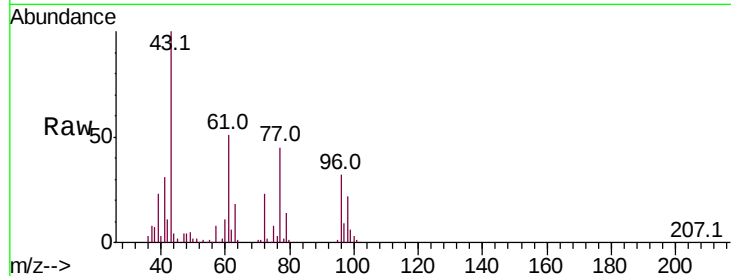
VN0925WBS01

Tot Ion: 43 Resp: 219936

Ion Ratio Lower Upper

43 100

72 23.5 19.2 28.8



#26

2,2-Dichloropropane

Concen: 18.820 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN063676.D

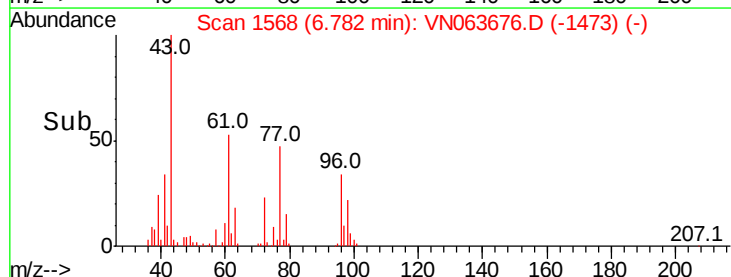
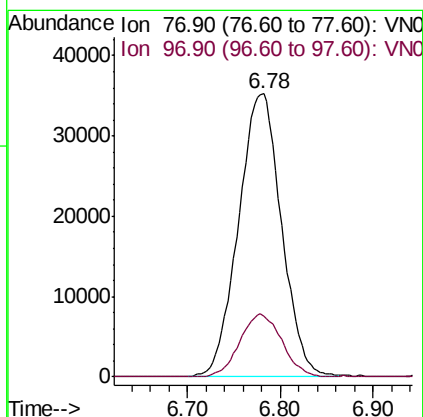
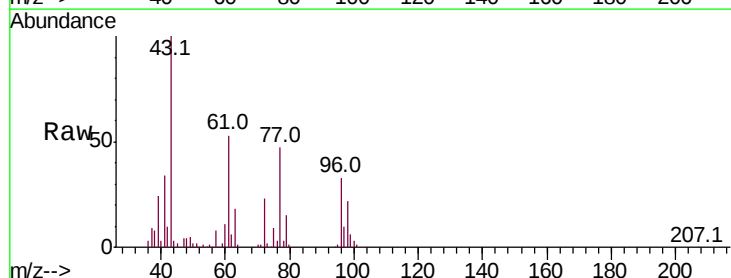
Acq: 25 Sep 2020 14:19

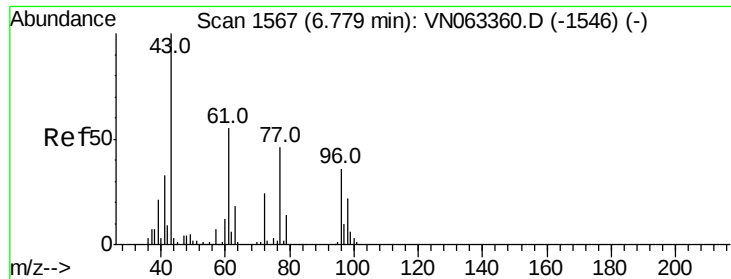
Tgt Ion: 77 Resp: 113496

Ion Ratio Lower Upper

77 100

97 21.6 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 19.047 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampled :

VN0925WBS01

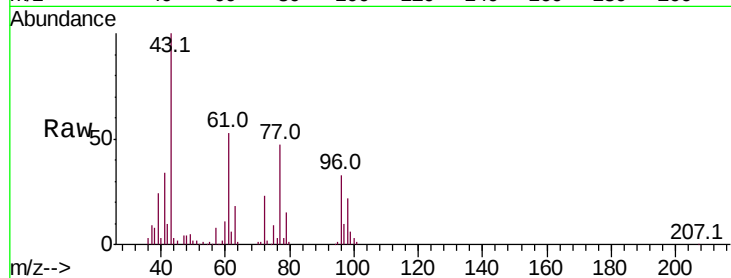
Tot Ion: 96 Resp: 74281

Ion Ratio Lower Upper

96 100

61 163.2 0.0 319.6

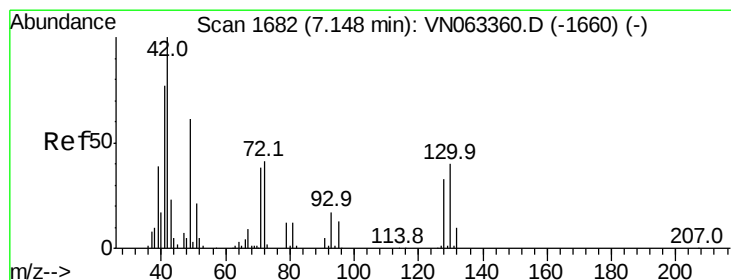
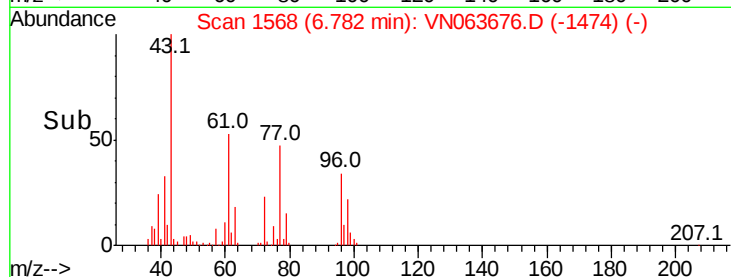
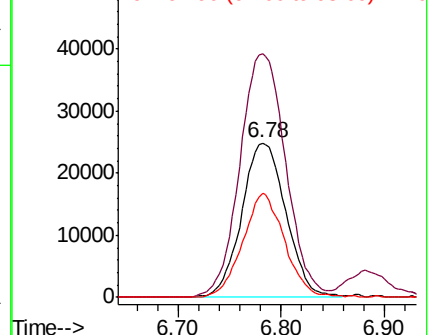
98 63.6 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.042 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

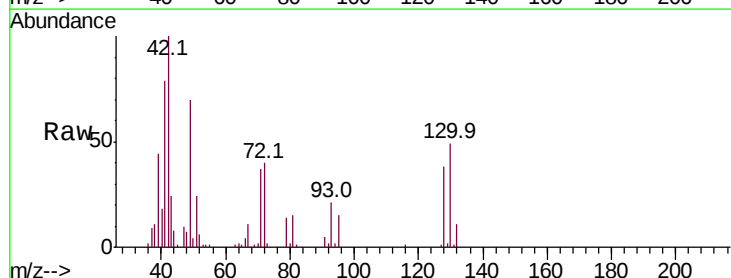
Tgt Ion: 49 Resp: 66548

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

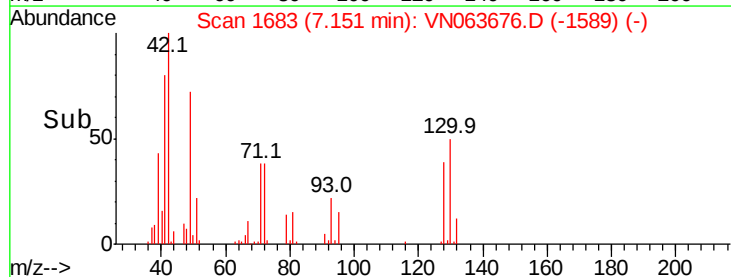
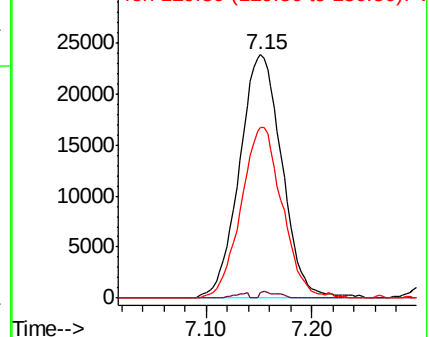
130 67.9 52.2 78.2

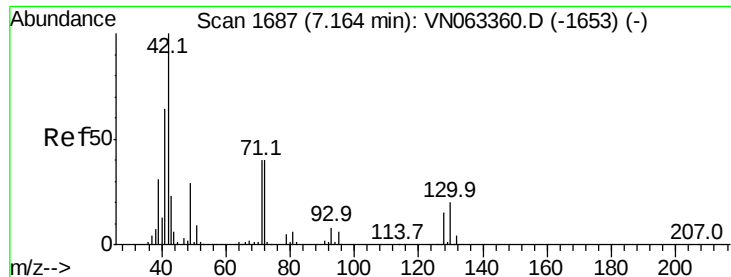


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 89.136 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

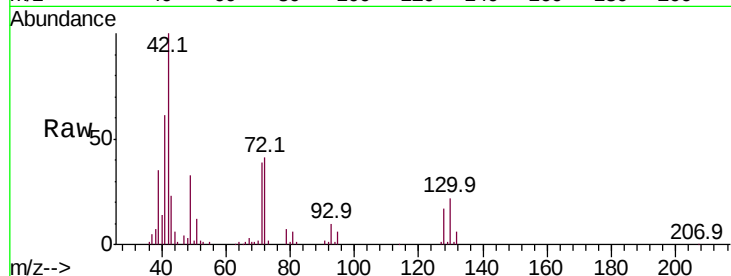
Tot Ion: 42 Resp: 141162

Ion Ratio Lower Upper

42 100

72 40.7 32.1 48.1

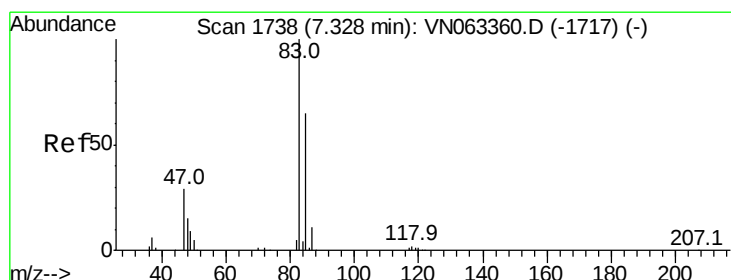
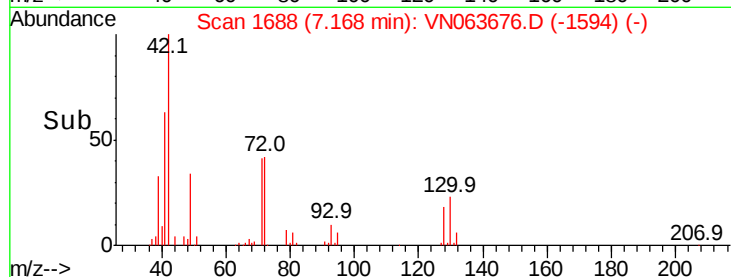
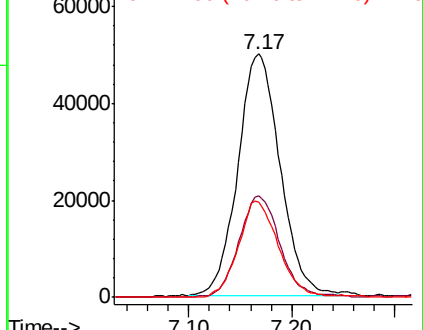
71 38.0 31.2 46.8



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: 19.492 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063676.D

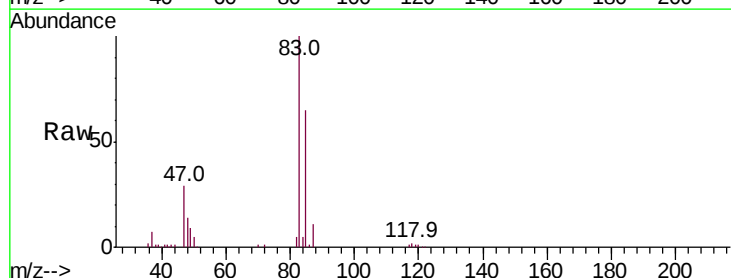
Acq: 25 Sep 2020 14:19

Tgt Ion: 83 Resp: 133953

Ion Ratio Lower Upper

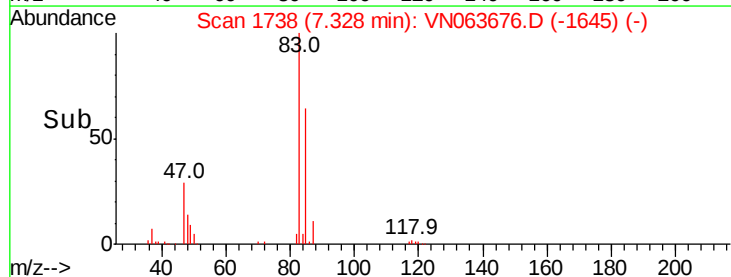
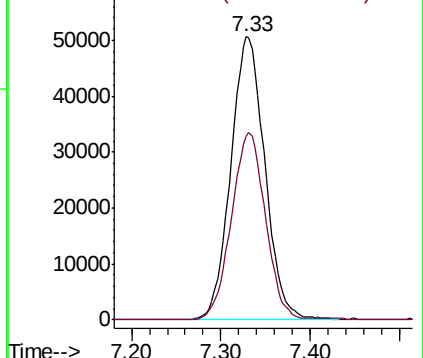
83 100

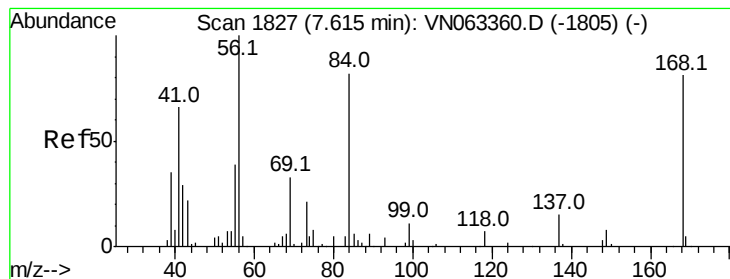
85 64.8 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 16.424 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

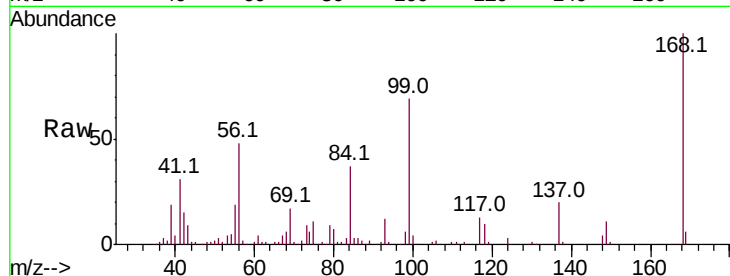
Tot Ion: 56 Resp: 106415

Ion Ratio Lower Upper

56 100

69 36.5 26.1 39.1

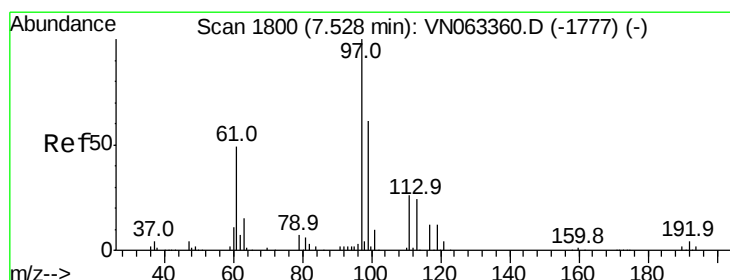
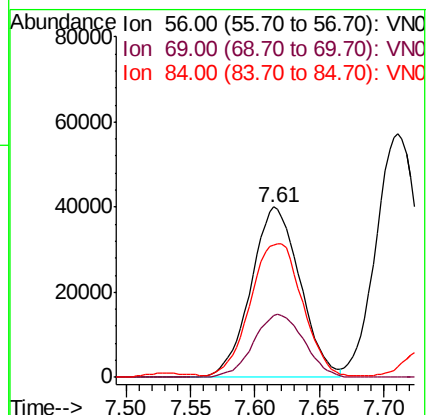
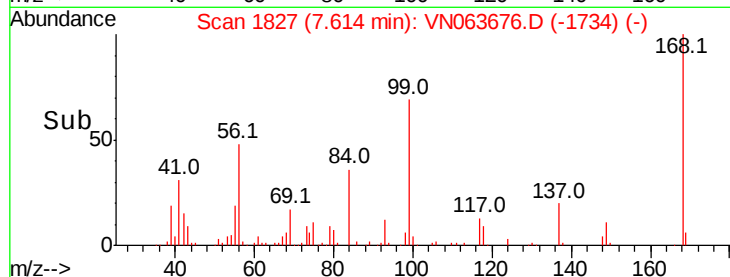
84 76.2 65.4 98.2



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: 19.663 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

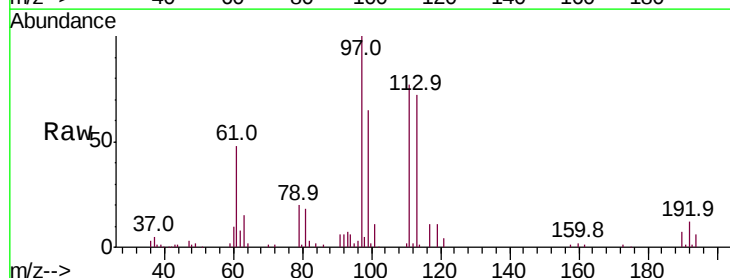
Tgt Ion: 97 Resp: 120183

Ion Ratio Lower Upper

97 100

99 61.3 50.6 76.0

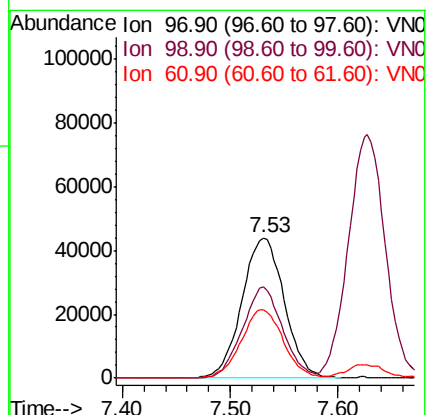
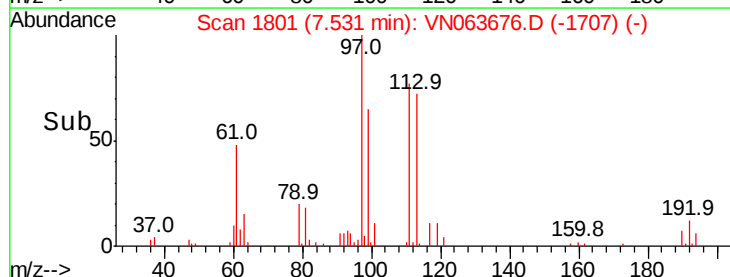
61 48.6 39.2 58.8

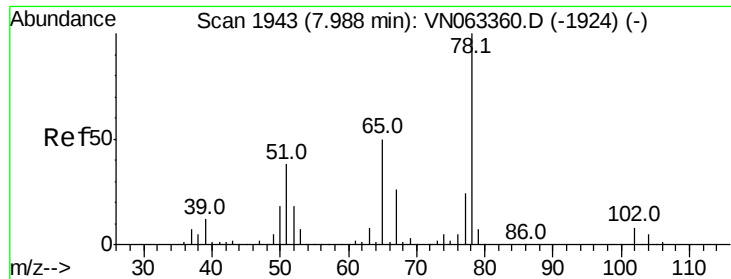


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 49.005 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

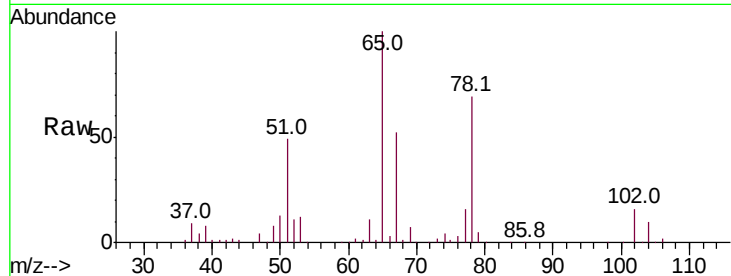
VN0925WBS01

Tot Ion: 65 Resp: 229890

Ion Ratio Lower Upper

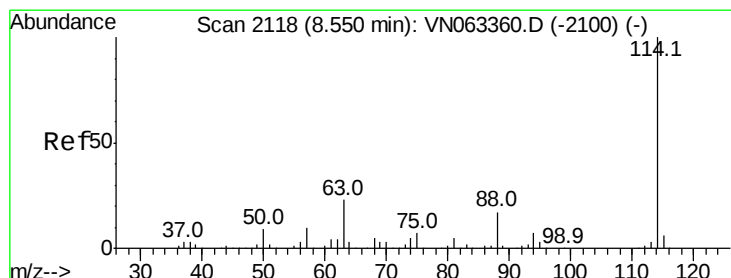
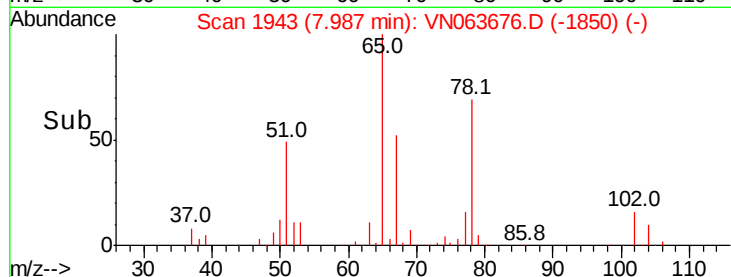
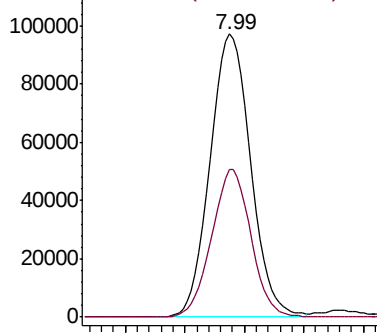
65 100

67 50.4 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

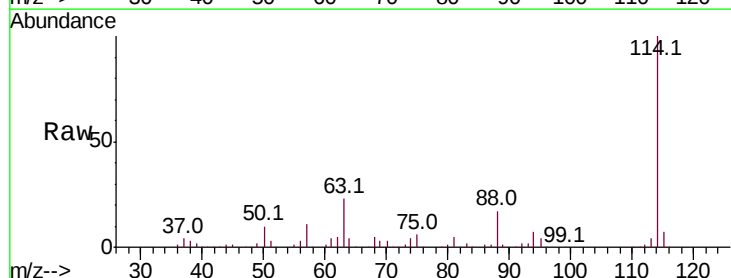
Tgt Ion: 114 Resp: 464741

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.4

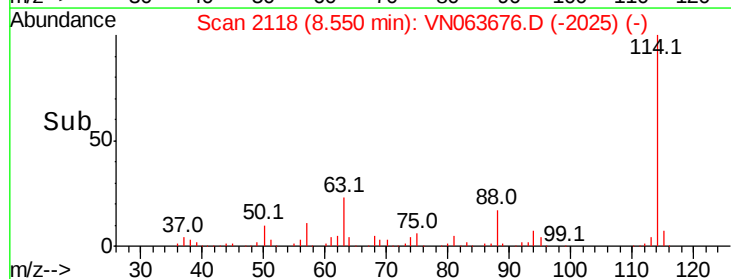
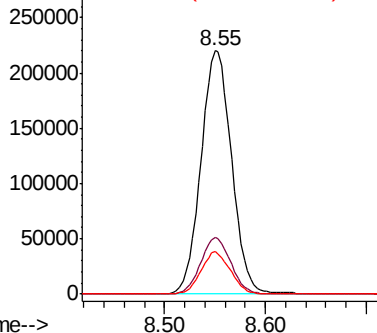
88 17.4 0.0 33.2

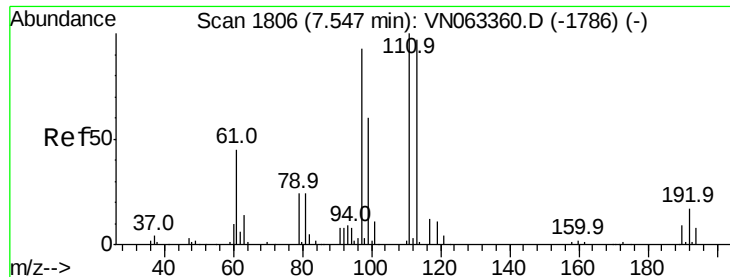


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

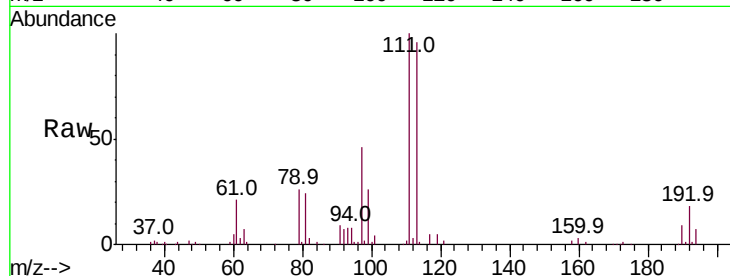




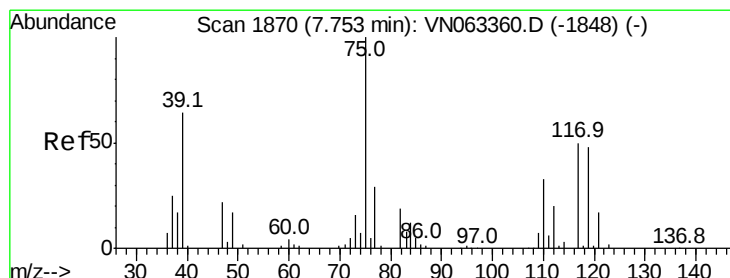
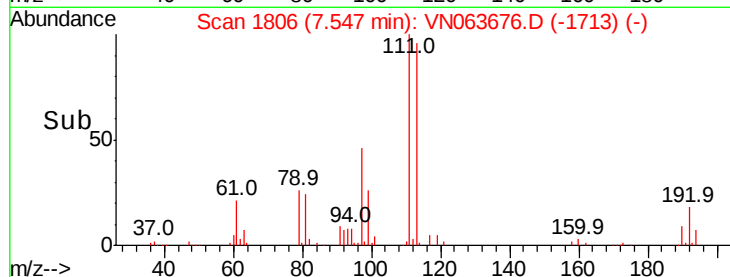
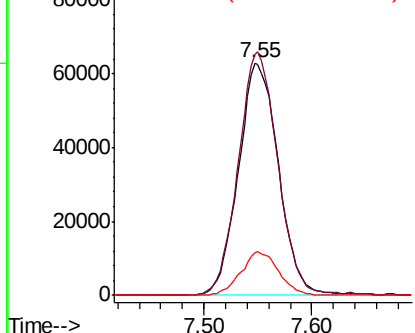
#35
 Dibromofluoromethane
 Concen: 50.336 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Tot Ion:113 Resp: 161948
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.9 124.3
 192 17.7 13.9 20.9

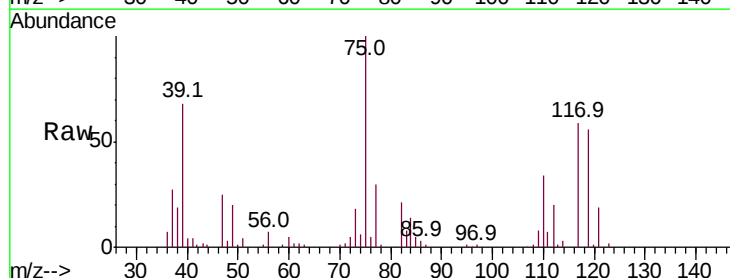


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

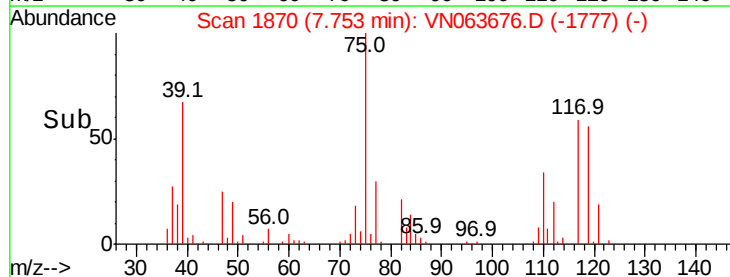
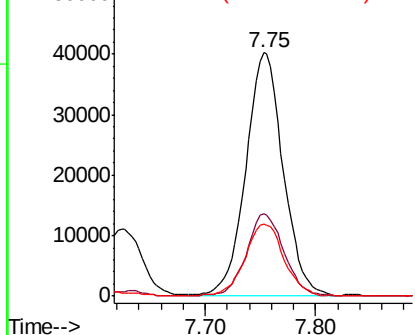


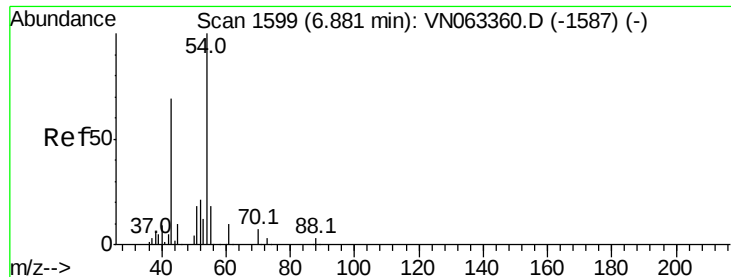
#36
 1,1-Dichloropropene
 Concen: 18.941 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

Tgt Ion: 75 Resp: 93781
 Ion Ratio Lower Upper
 75 100
 110 34.2 16.5 49.5
 77 31.1 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

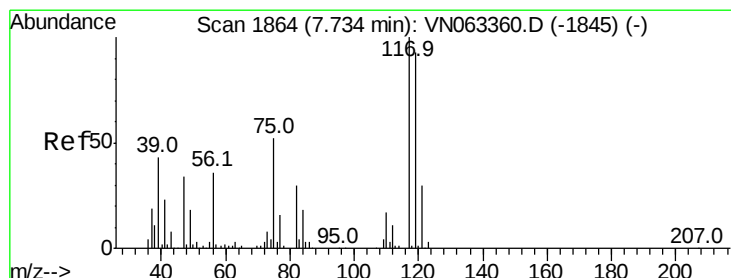
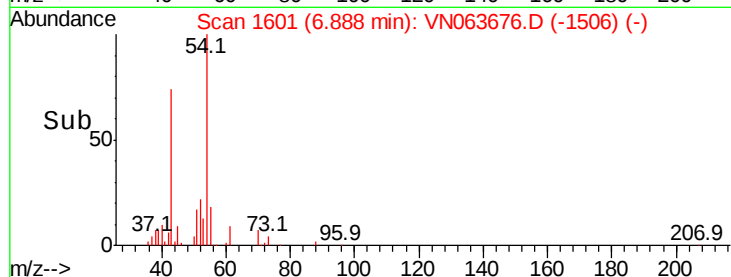
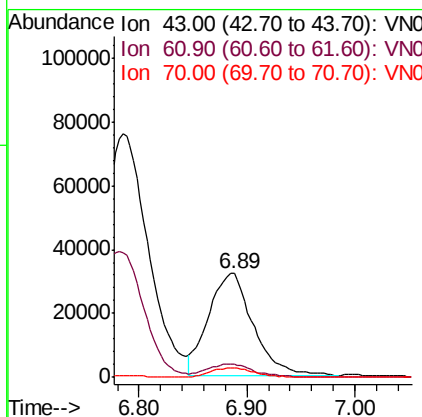
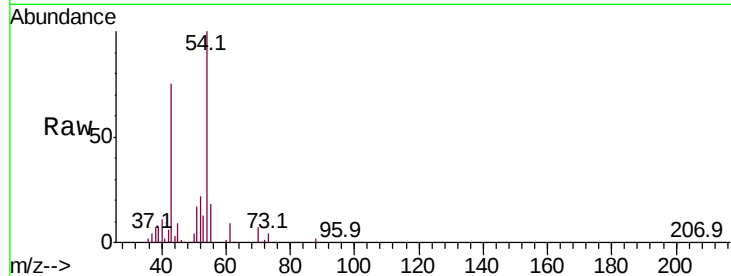




#37
 Ethyl Acetate
 Concen: 19.110 ug/l
 RT: 6.89 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

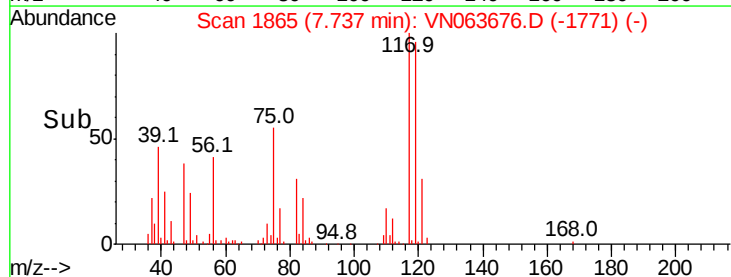
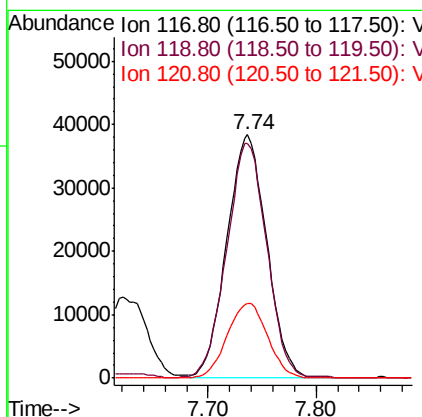
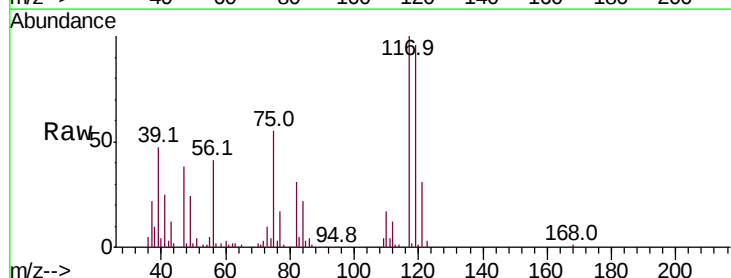
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0925WBS01

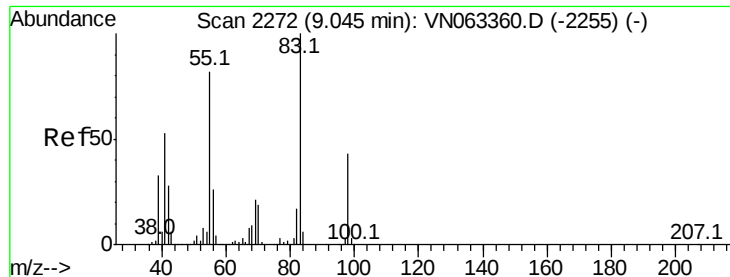
Tot Ion: 43 Resp: 92862
 Ion Ratio Lower Upper
 43 100
 61 12.6 10.6 15.8
 70 9.1 7.2 10.8



#38
 Carbon Tetrachloride
 Concen: 19.605 ug/l
 RT: 7.74 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

Tgt Ion: 117 Resp: 99089
 Ion Ratio Lower Upper
 117 100
 119 96.3 74.5 111.7
 121 30.8 24.1 36.1

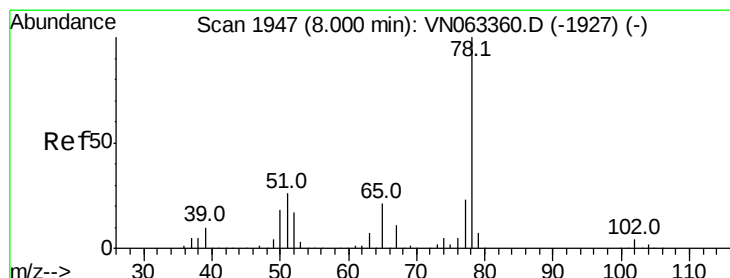
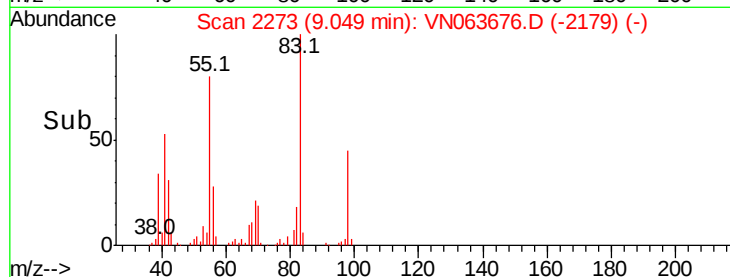
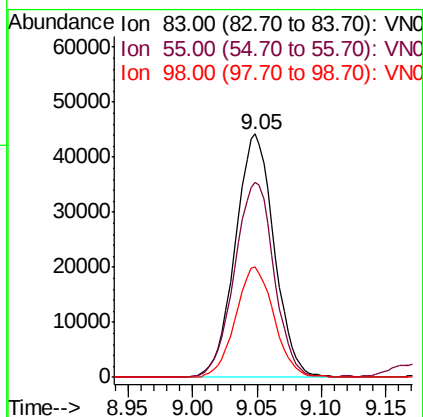
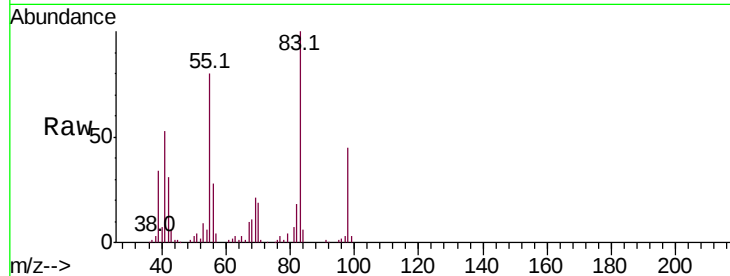




#39
Methvlcvclohexane
Concen: 17.267 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063676.D
Acq: 25 Sep 2020 14:19

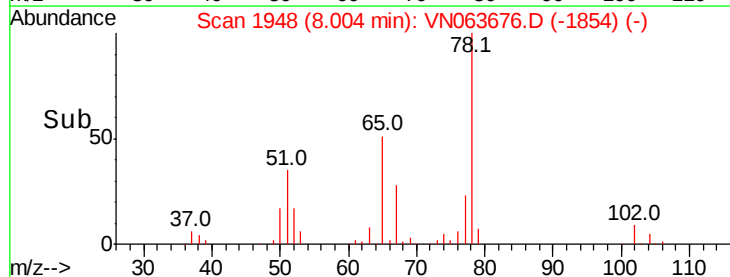
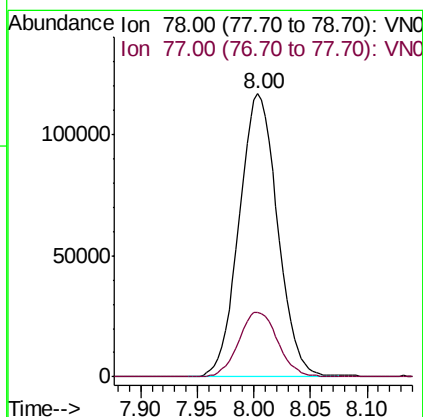
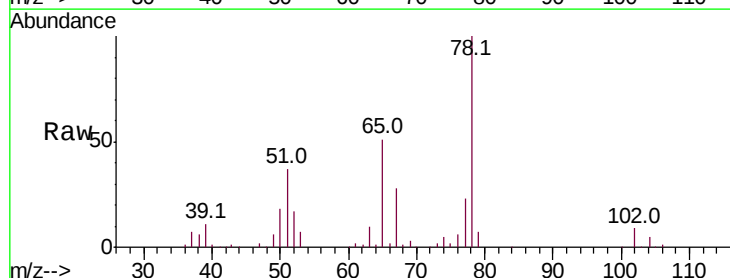
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

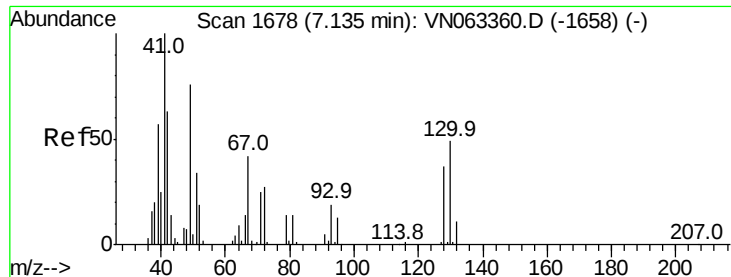
Tot Ion: 83 Resp: 92785
Ion Ratio Lower Upper
83 100
55 80.0 65.5 98.3
98 45.3 34.2 51.4



#40
Benzene
Concen: 19.561 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063676.D
Acq: 25 Sep 2020 14:19

Tgt Ion: 78 Resp: 276467
Ion Ratio Lower Upper
78 100
77 22.7 18.3 27.5

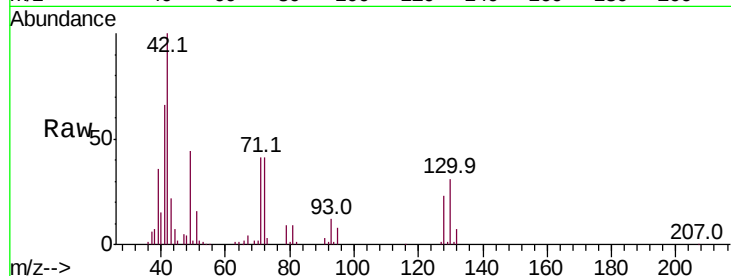




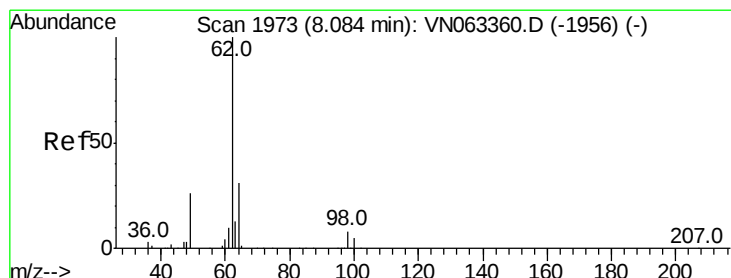
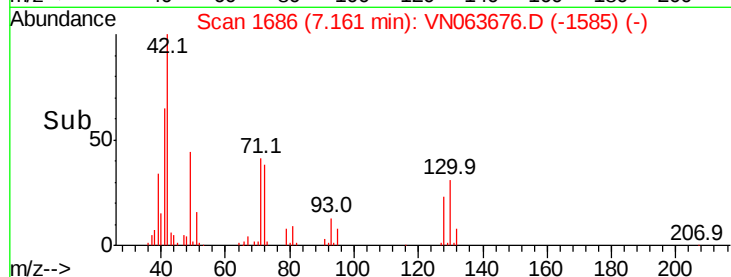
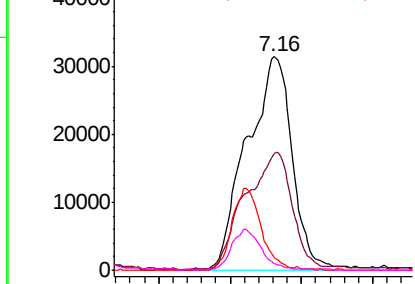
#41
Methacrylonitrile
Concen: 63.200 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. 0.03 min
Lab File: VN063676.D
Acq: 25 Sep 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

Tot Ion: 41 Resp: 138127
Ion Ratio Lower Upper
41 100
39 56.5 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

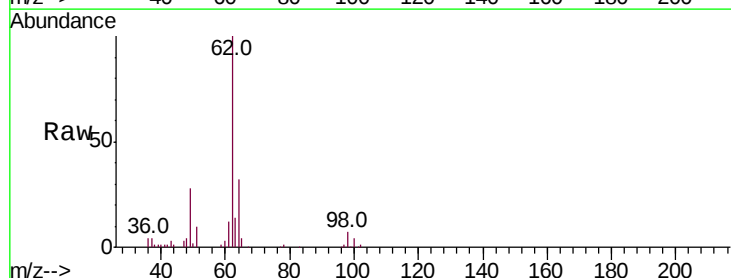


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

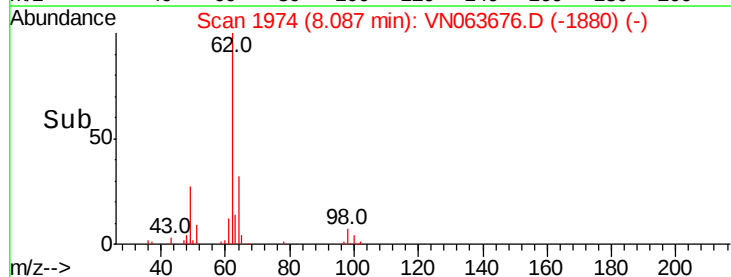
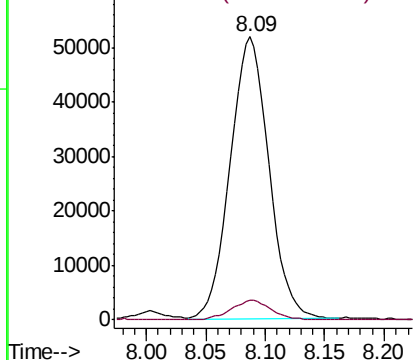


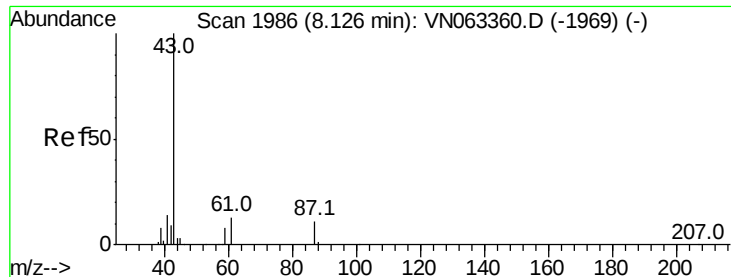
#42
1,2-Dichloroethane
Concen: 20.501 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063676.D
Acq: 25 Sep 2020 14:19

Tgt Ion: 62 Resp: 116527
Ion Ratio Lower Upper
62 100
98 7.3 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 18.743 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

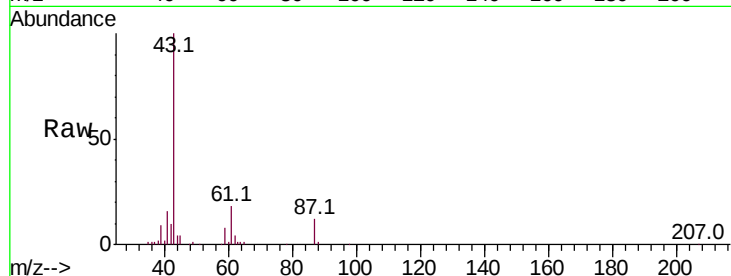
Tot Ion: 43 Resp: 162861

Ion Ratio Lower Upper

43 100

61 18.0 14.2 21.2

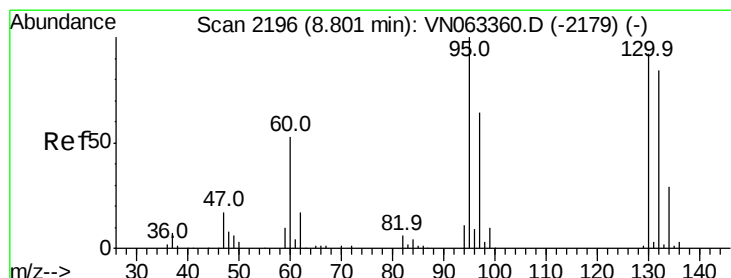
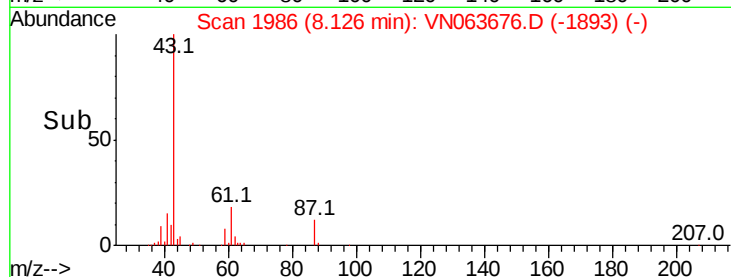
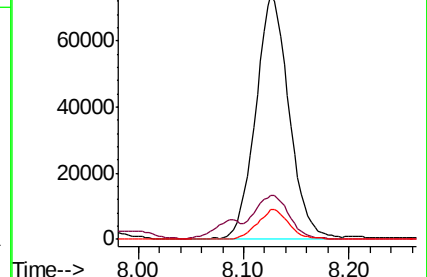
87 11.5 9.0 13.6



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: 20.447 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063676.D

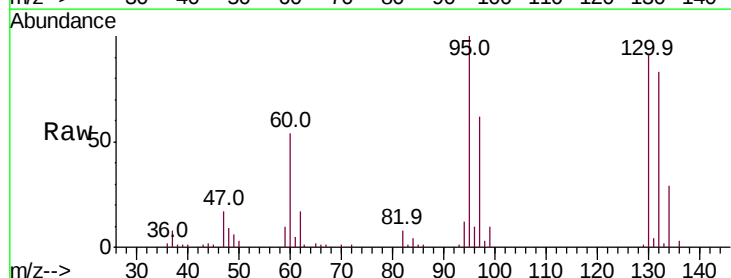
Acq: 25 Sep 2020 14:19

Tgt Ion:130 Resp: 70093

Ion Ratio Lower Upper

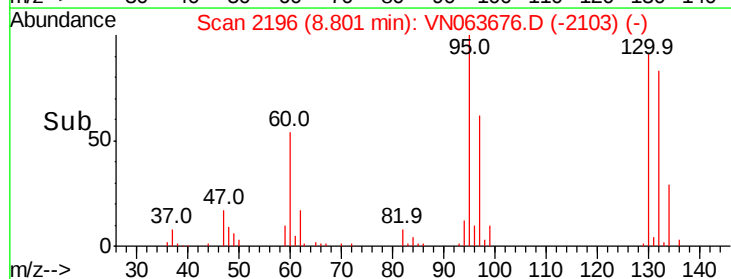
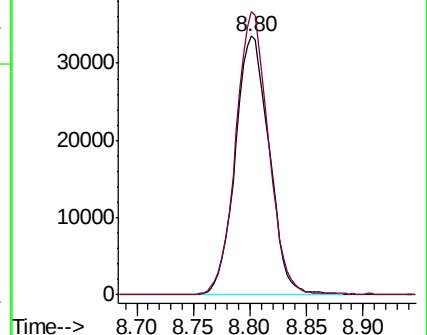
130 100

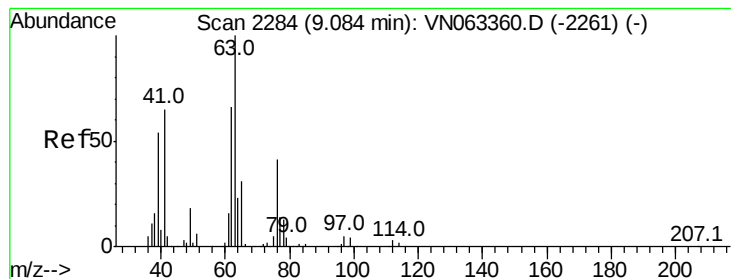
95 109.4 0.0 217.4



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: 19.974 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

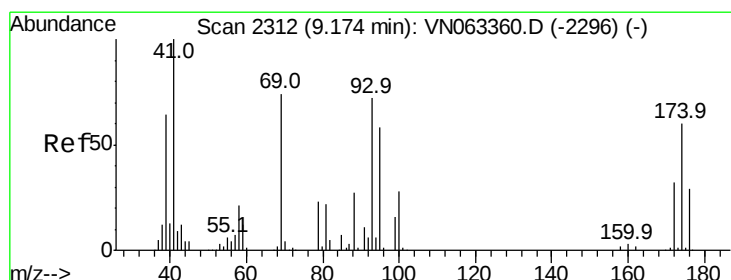
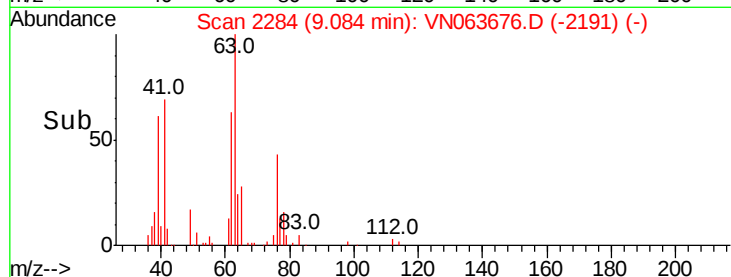
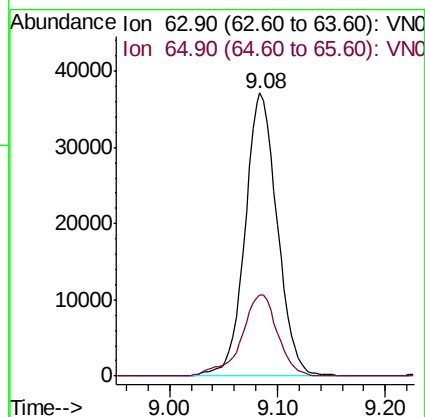
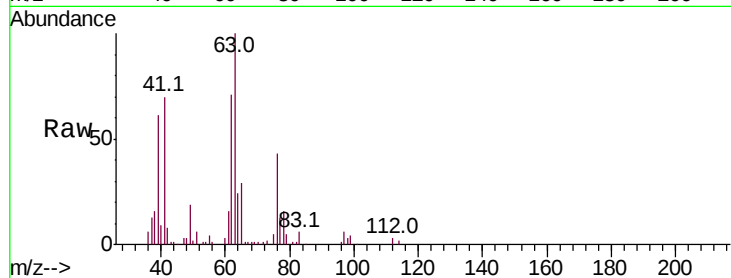
VN0925WBS01

Tot Ion: 63 Resp: 76887

Ion Ratio Lower Upper

63 100

65 28.8 25.0 37.6



#46

Dibromomethane

Concen: 20.542 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

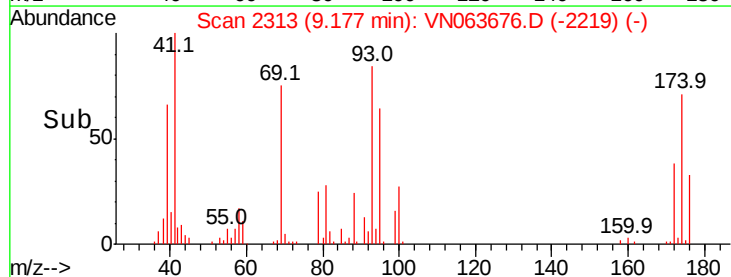
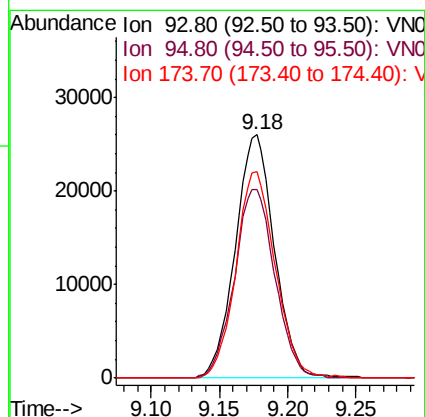
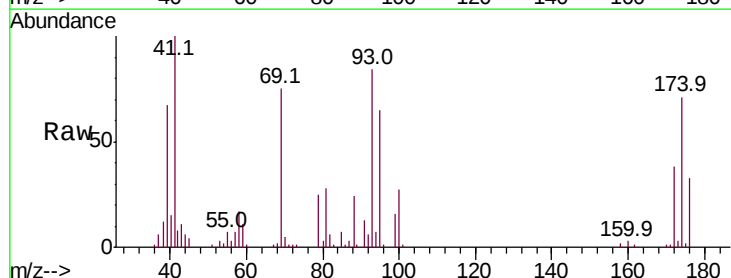
Tgt Ion: 93 Resp: 51972

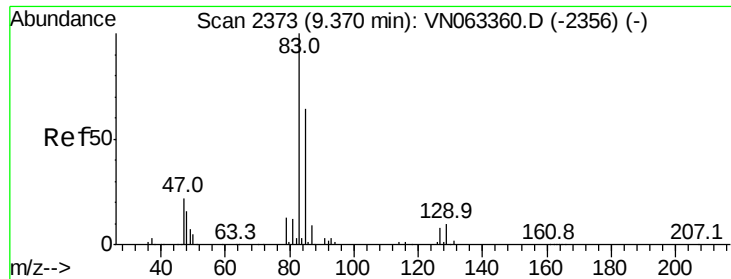
Ion Ratio Lower Upper

93 100

95 80.1 65.6 98.4

174 85.5 68.1 102.1

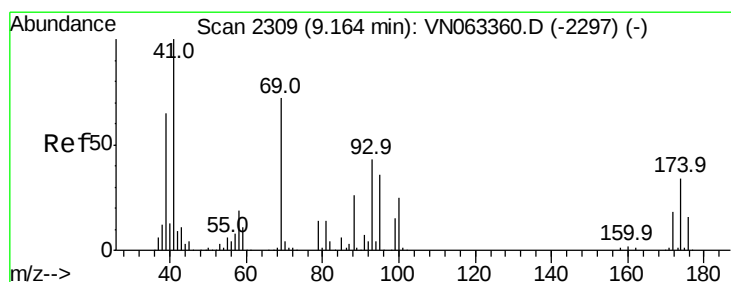
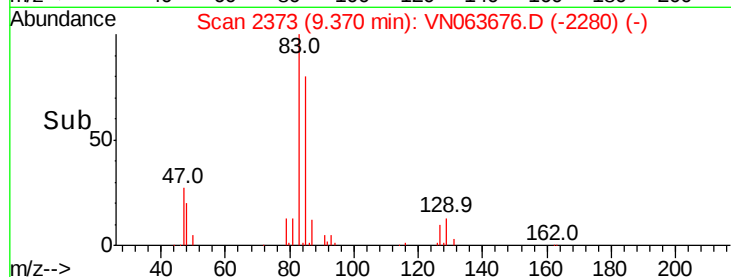
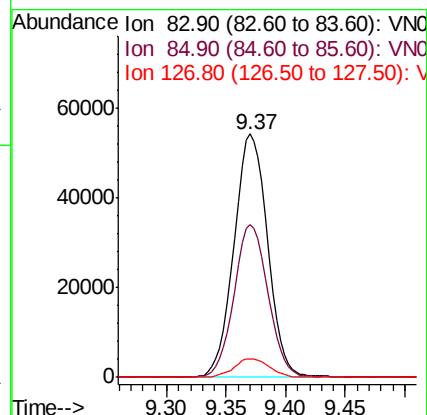
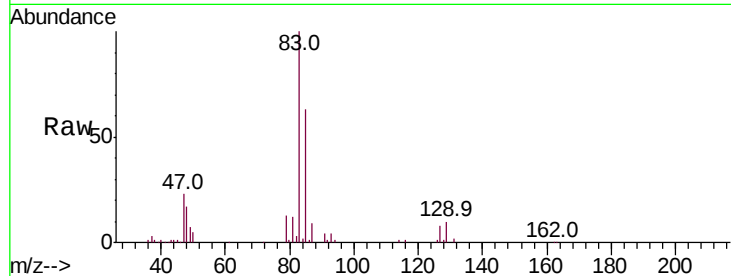




#47
 Bromodichloromethane
 Concen: 20.250 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

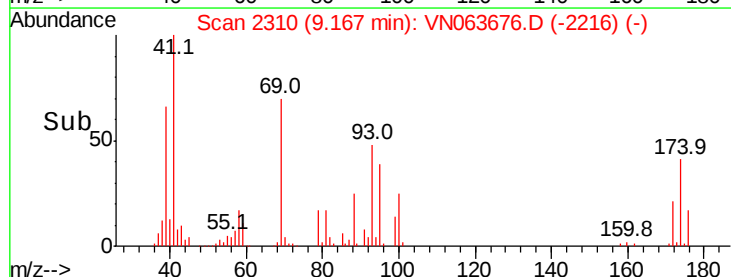
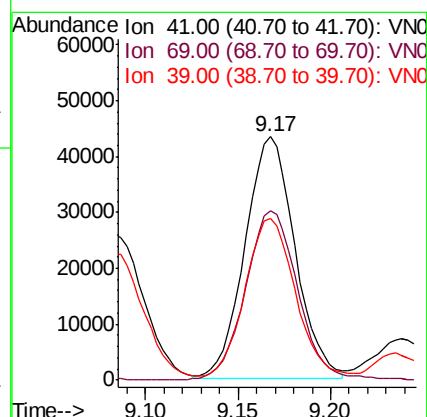
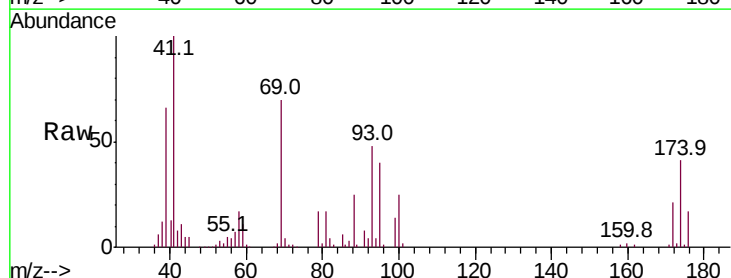
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

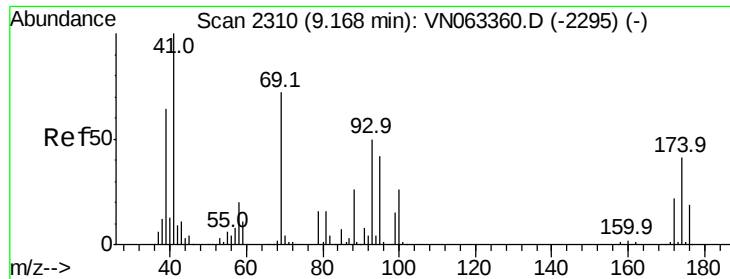
Tot Ion: 83 Resp: 106438
 Ion Ratio Lower Upper
 83 100
 85 62.6 51.0 76.6
 127 7.7 6.3 9.5



#48
 Methyl methacrylate
 Concen: 19.100 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

Tgt Ion: 41 Resp: 81538
 Ion Ratio Lower Upper
 41 100
 69 73.1 59.3 88.9
 39 67.4 52.9 79.3





#49

1,4-Dioxane

Concen: 353.219 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

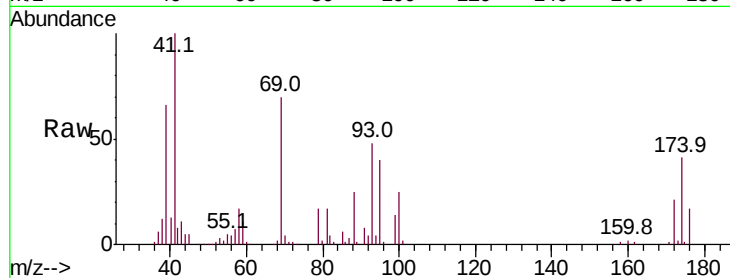
Tot Ion: 88 Resp: 21639

Ion Ratio Lower Upper

88 100

43 37.9 32.6 49.0

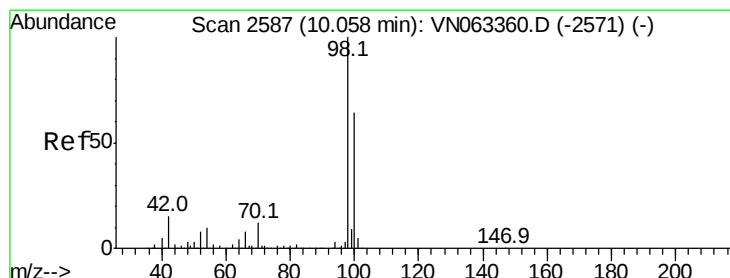
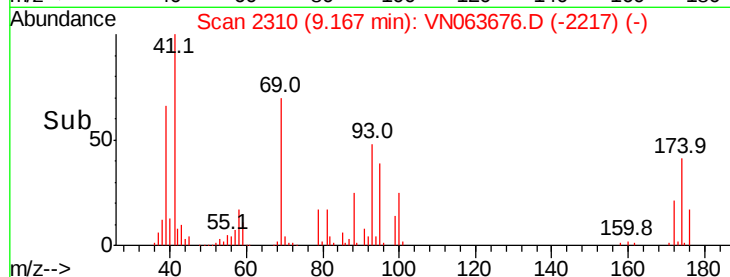
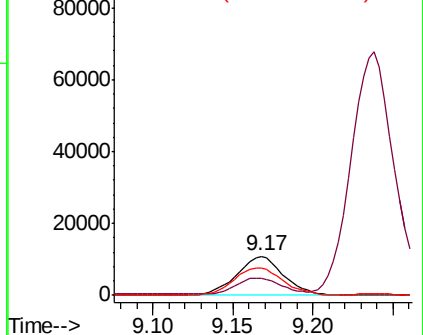
58 73.6 60.0 90.0



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: 49.383 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063676.D

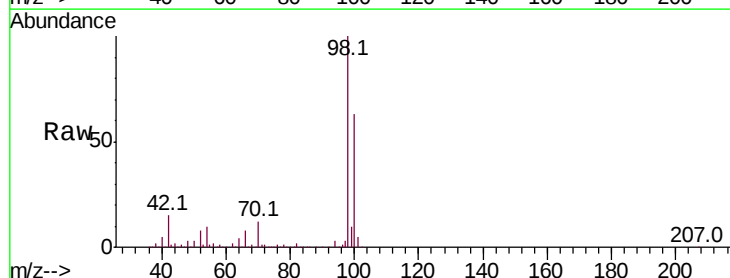
Acq: 25 Sep 2020 14:19

Tgt Ion: 98 Resp: 597415

Ion Ratio Lower Upper

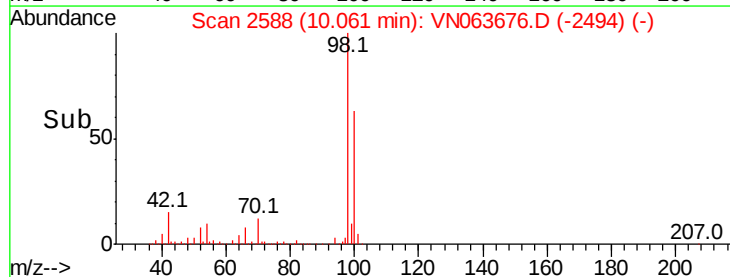
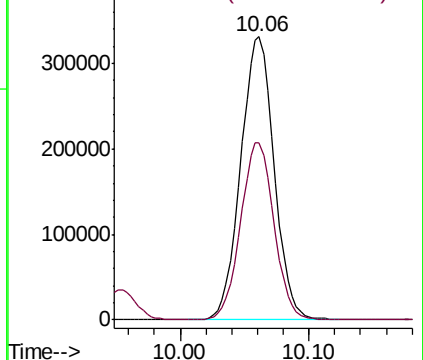
98 100

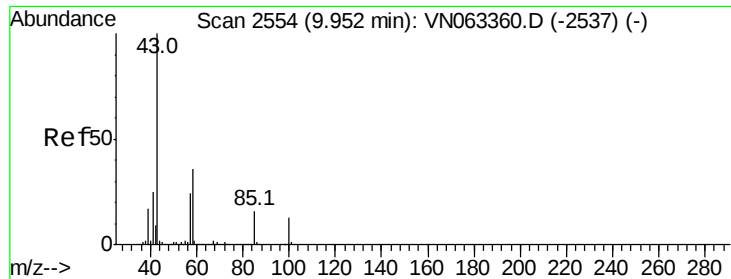
100 62.4 50.7 76.1



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: 100.203 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

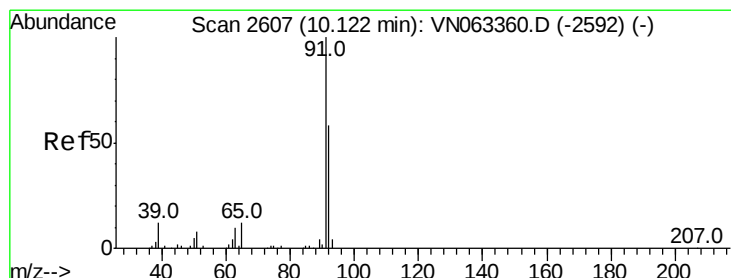
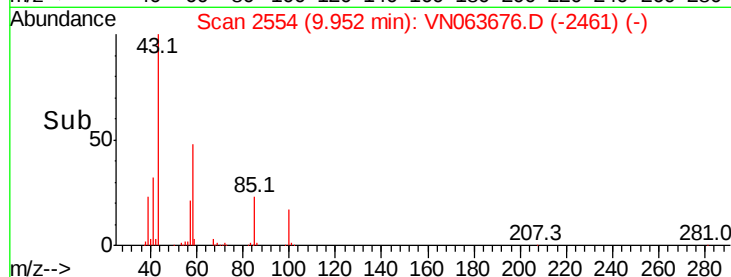
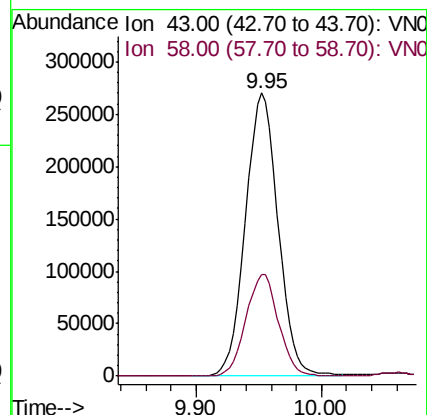
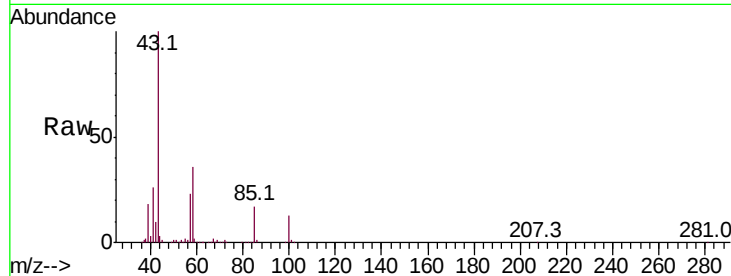
VN0925WBS01

Tot Ion: 43 Resp: 487428

Ion Ratio Lower Upper

43 100

58 36.1 29.0 43.6



#52

Toluene

Concen: 20.082 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063676.D

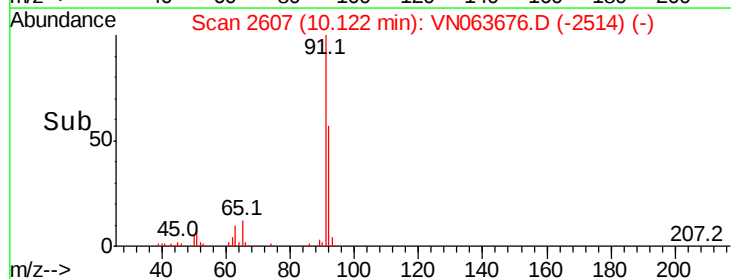
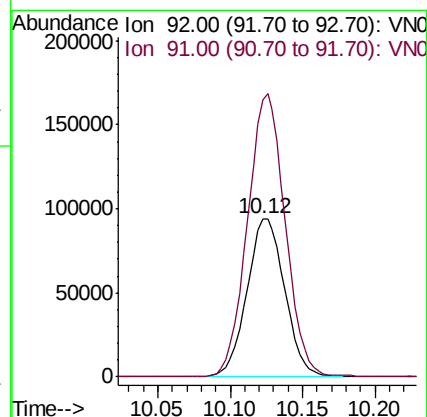
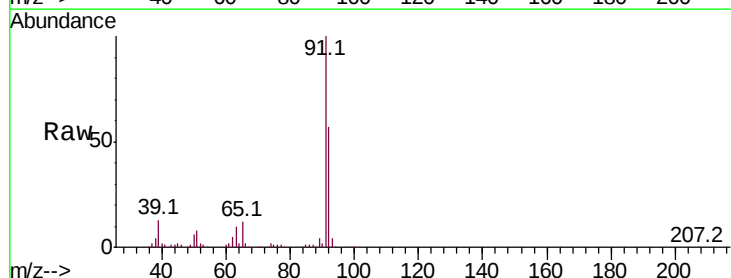
Acq: 25 Sep 2020 14:19

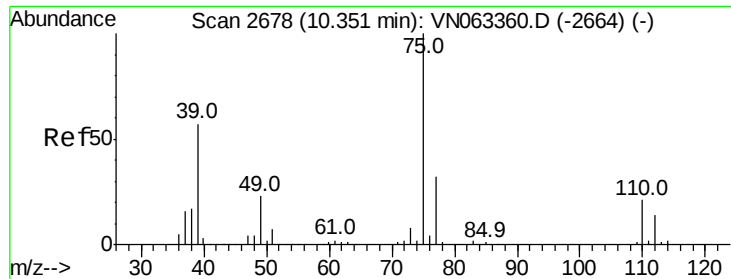
Tgt Ion: 92 Resp: 170653

Ion Ratio Lower Upper

92 100

91 178.6 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 19.232 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

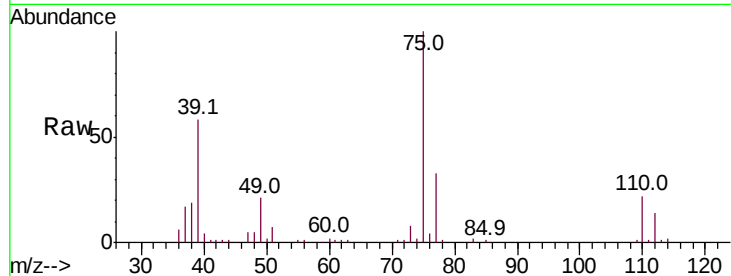
VN0925WBS01

Tot Ion: 75 Resp: 112851

Ion Ratio Lower Upper

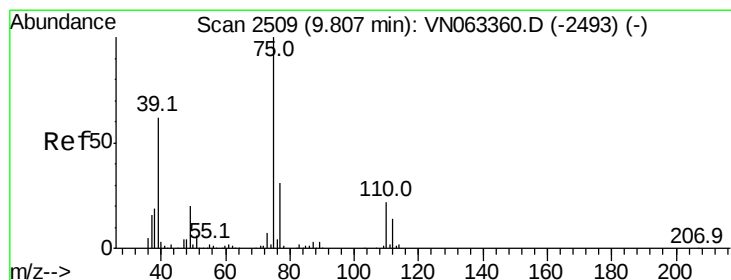
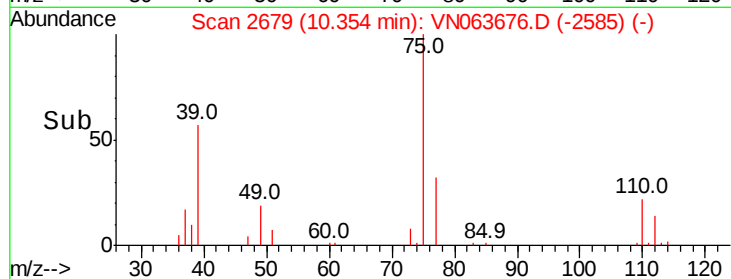
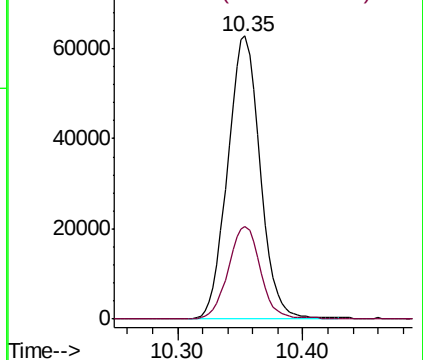
75 100

77 32.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.679 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

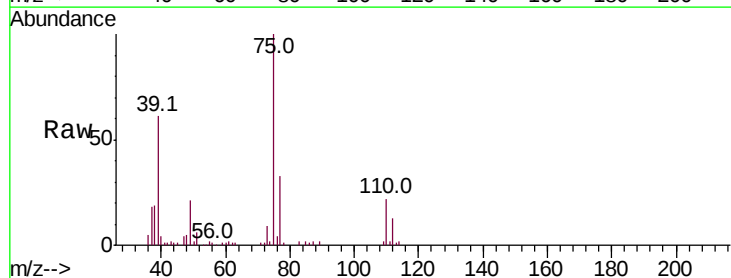
Tgt Ion: 75 Resp: 121803

Ion Ratio Lower Upper

75 100

77 32.6 24.6 37.0

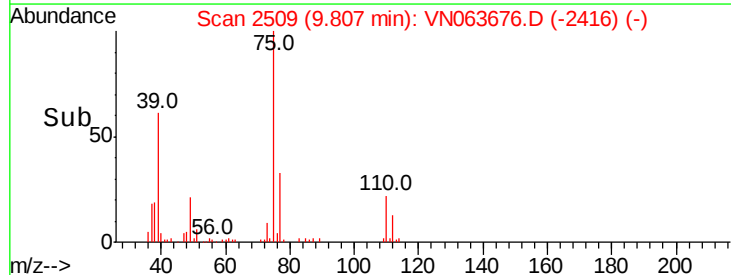
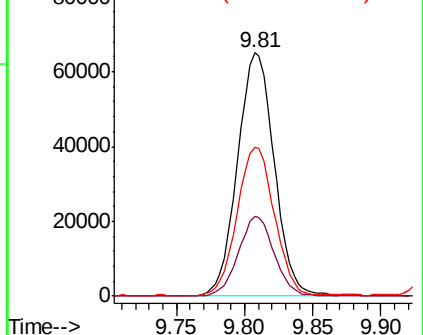
39 61.3 49.8 74.8

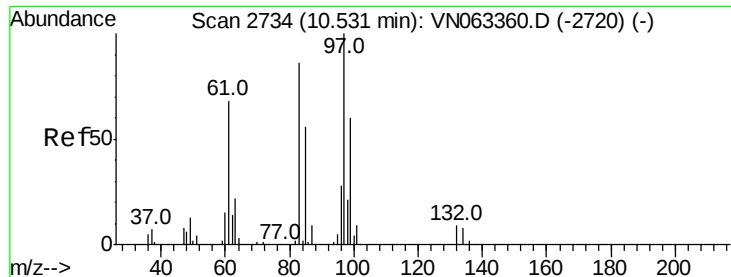


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



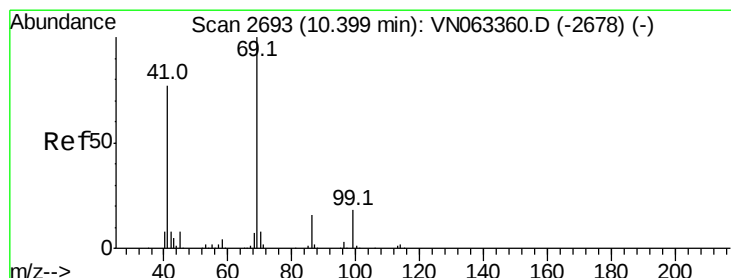
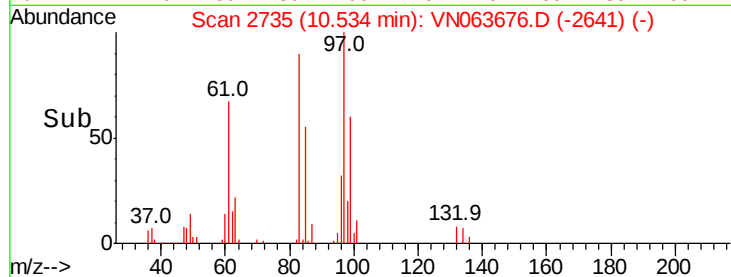
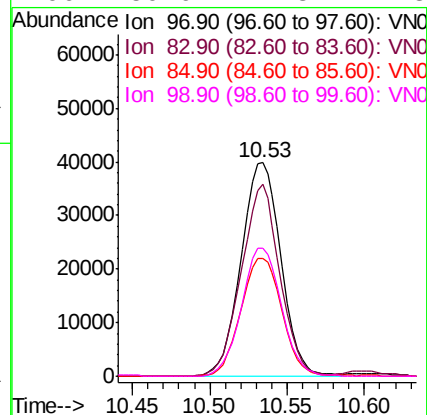
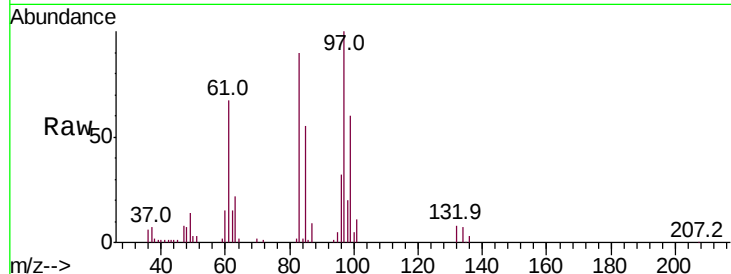


#55
 1,1,2-Trichloroethane
 Concen: 21.151 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Tot Ion: 97 Resp: 71392

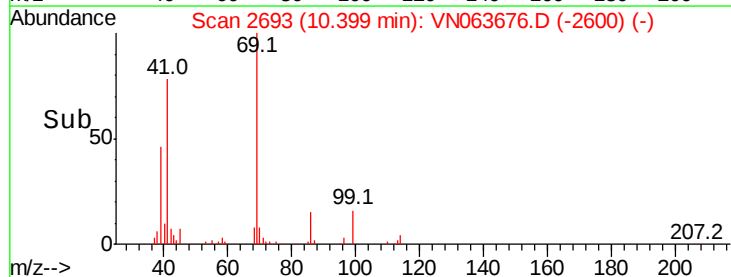
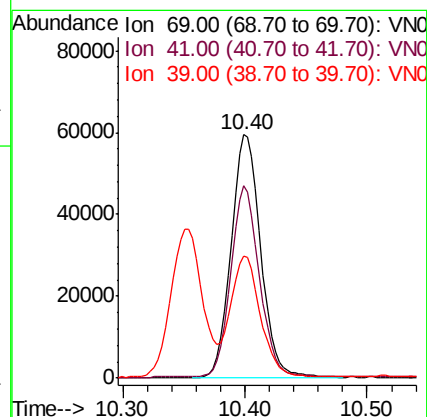
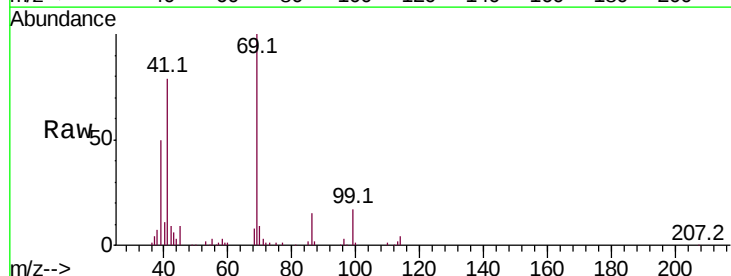
Ion	Ratio	Lower	Upper
97	100		
83	89.8	68.9	103.3
85	55.4	44.8	67.2
99	59.9	47.8	71.8

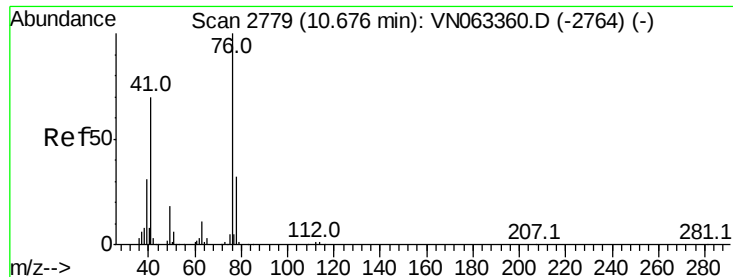


#56
 Ethyl methacrylate
 Concen: 19.269 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

Tgt Ion: 69 Resp: 101533

Ion	Ratio	Lower	Upper
69	100		
41	75.5	61.0	91.6
39	50.3	39.2	58.8





#57

1,3-Dichloropropane

Concen: 19.839 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

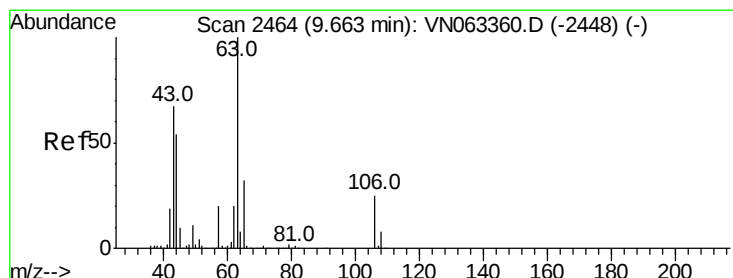
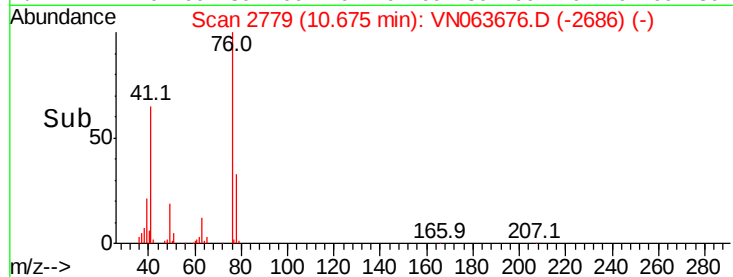
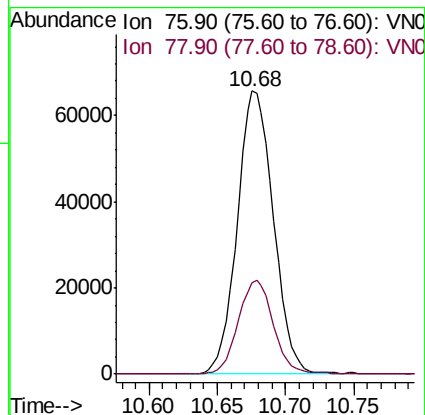
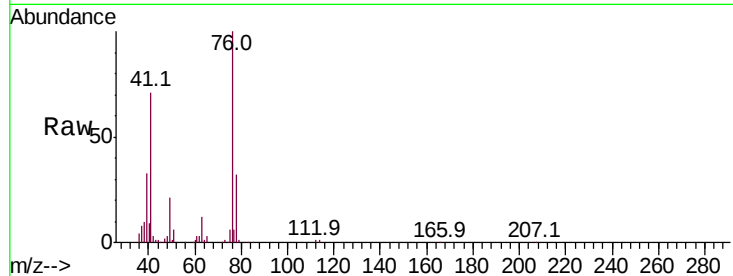
VN0925WBS01

Tot Ion: 76 Resp: 120759

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 97.936 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063676.D

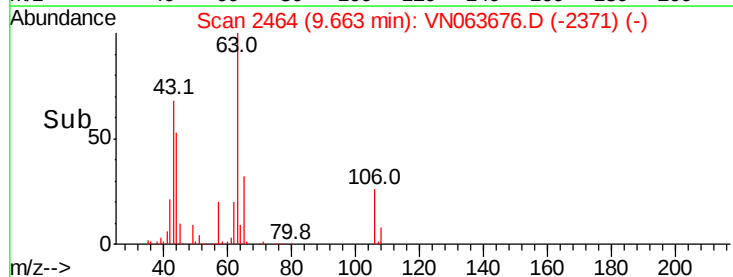
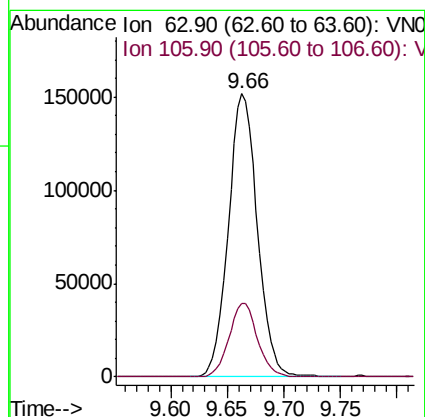
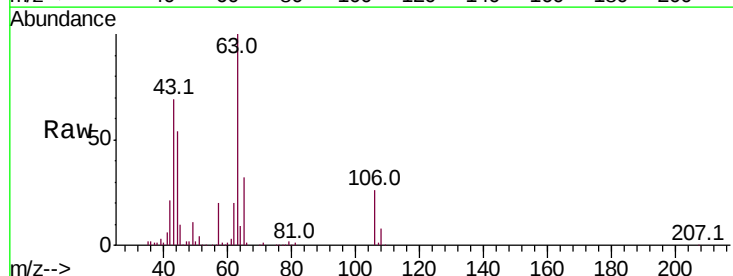
Acq: 25 Sep 2020 14:19

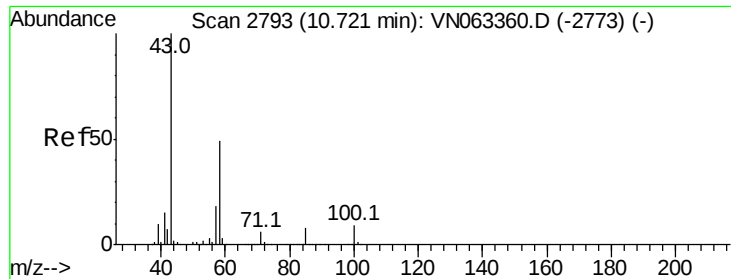
Tgt Ion: 63 Resp: 270709

Ion Ratio Lower Upper

63 100

106 25.4 19.5 29.3

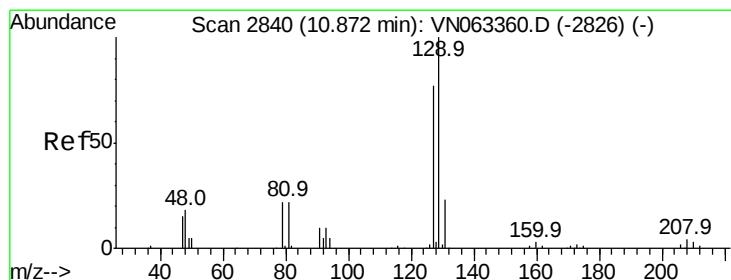
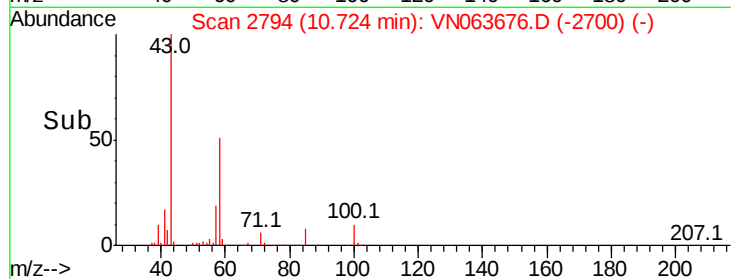
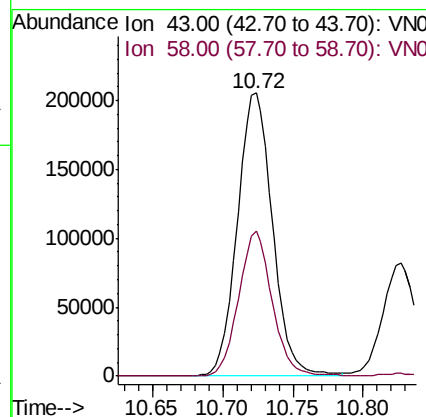
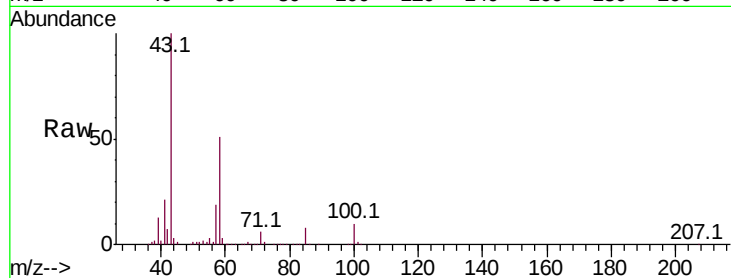




#59
2-Hexanone
Concen: 100.986 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063676.D
Acq: 25 Sep 2020 14:19

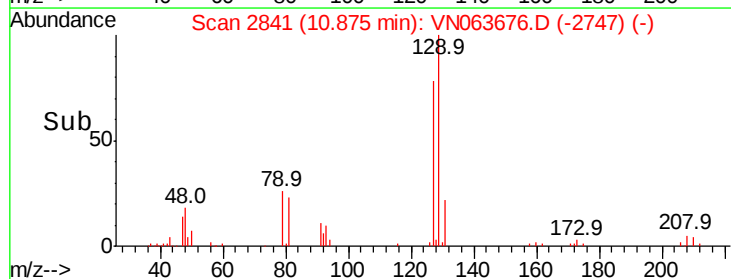
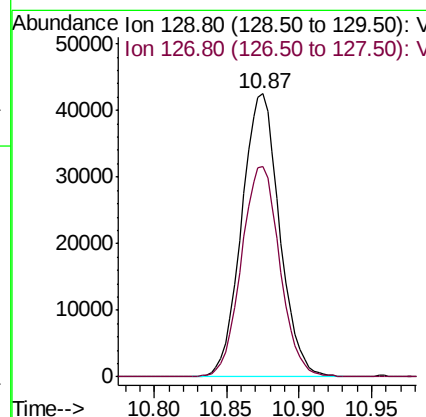
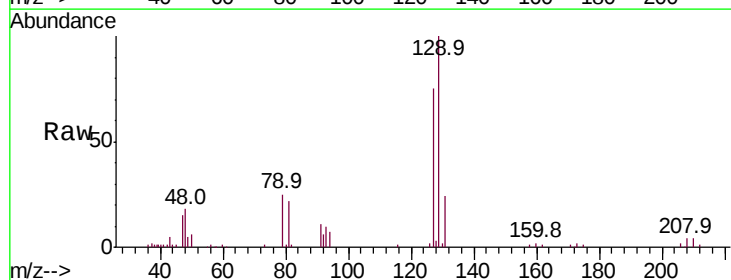
Instrument :
MSVOA_N
ClientSampled :
VN0925WBS01

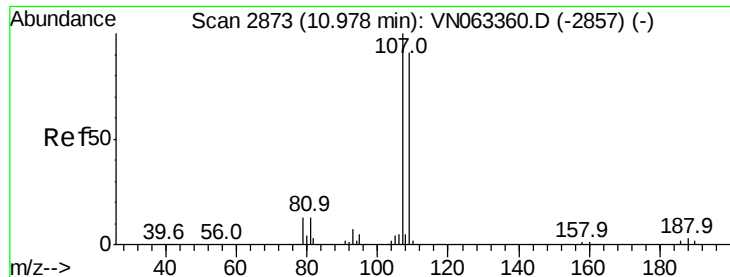
Tot Ion: 43 Resp: 355889
Ion Ratio Lower Upper
43 100
58 49.2 24.7 74.1



#60
Dibromochloromethane
Concen: 20.243 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063676.D
Acq: 25 Sep 2020 14:19

Tgt Ion: 129 Resp: 77192
Ion Ratio Lower Upper
129 100
127 75.2 39.1 117.3

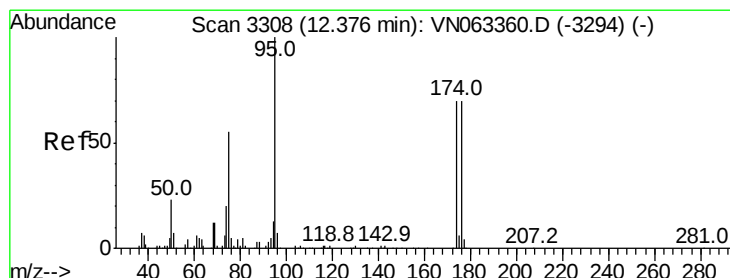
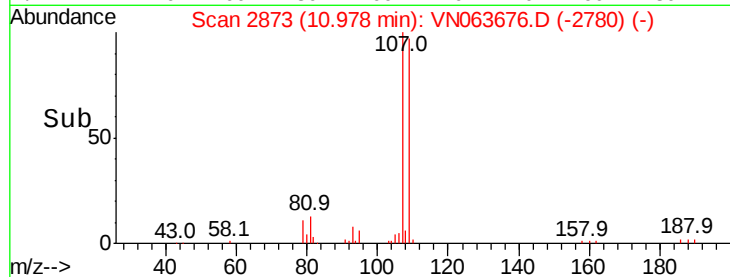
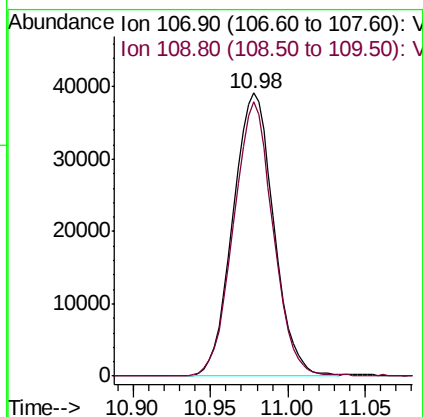
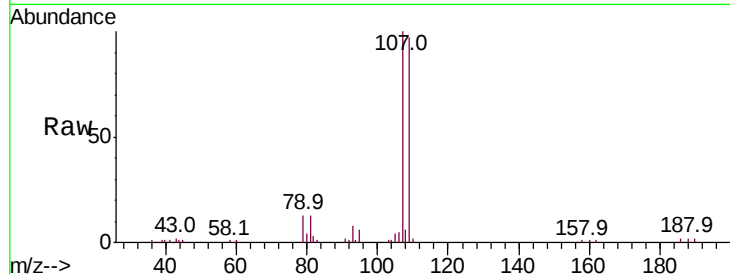




#61
 1,2-Dibromoethane
 Concen: 20.477 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

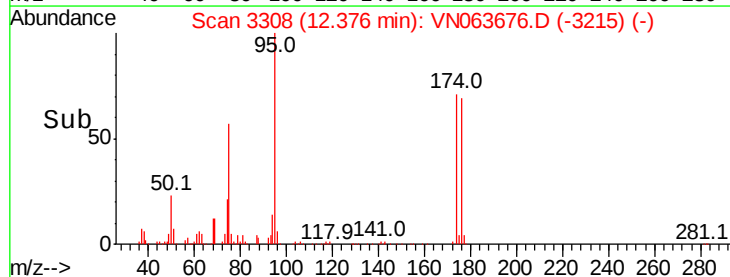
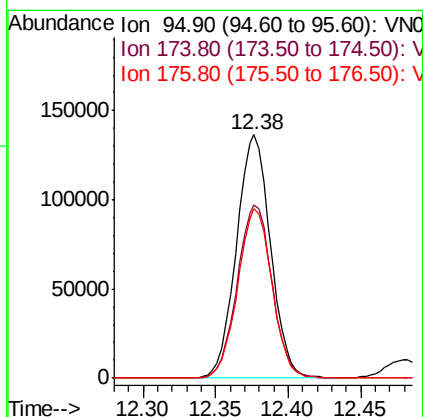
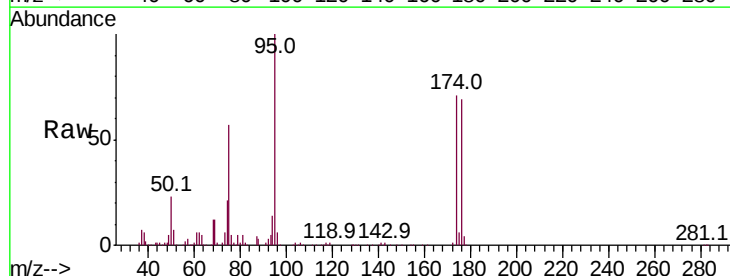
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

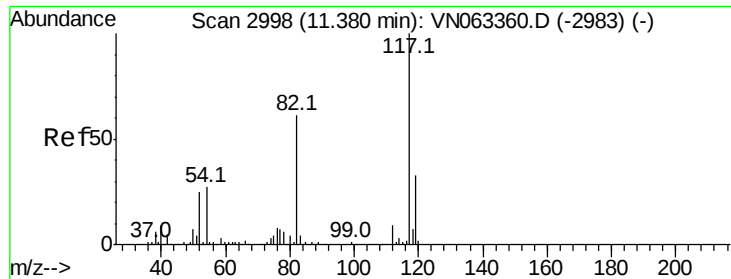
Tot Ion: 107 Resp: 71807
 Ion Ratio Lower Upper
 107 100
 109 93.7 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 50.186 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

Tgt Ion: 95 Resp: 222565
 Ion Ratio Lower Upper
 95 100
 174 72.8 0.0 140.8
 176 70.3 0.0 137.6

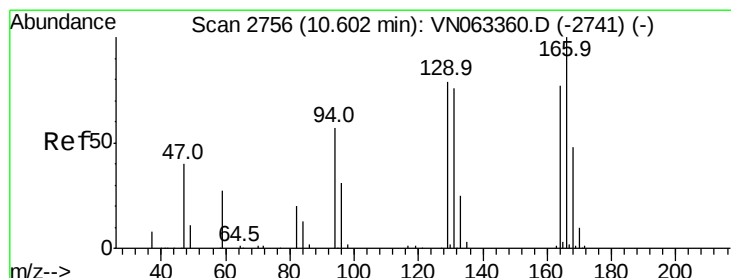
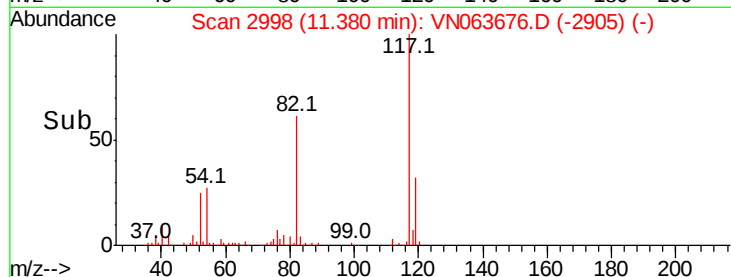
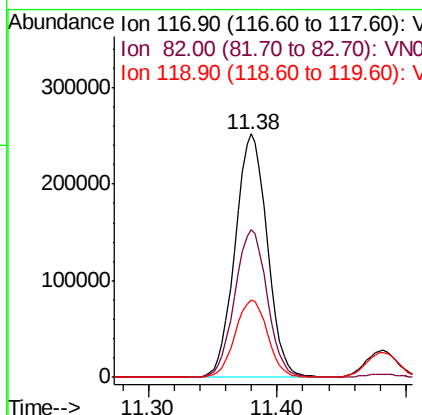
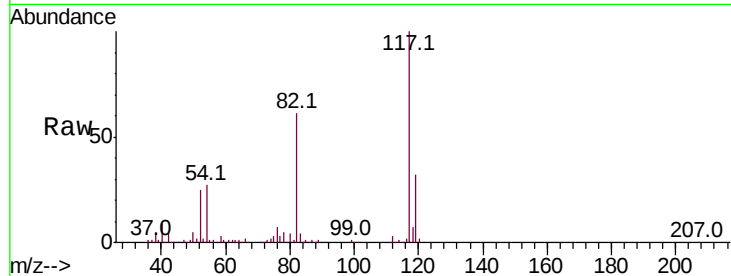




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063676.D
Acq: 25 Sep 2020 14:19

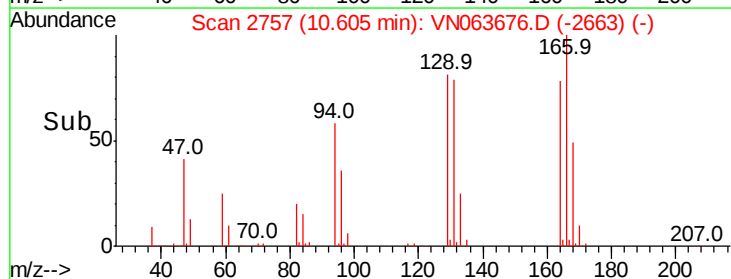
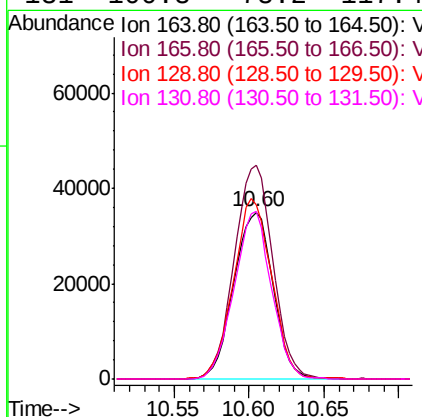
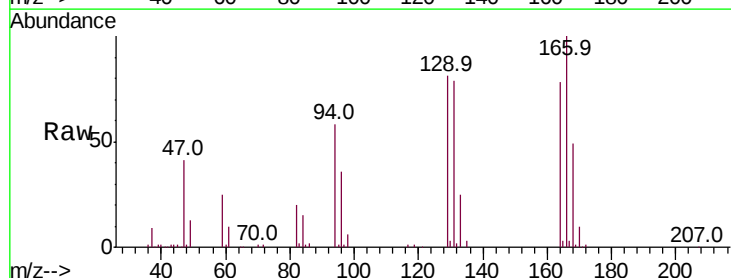
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

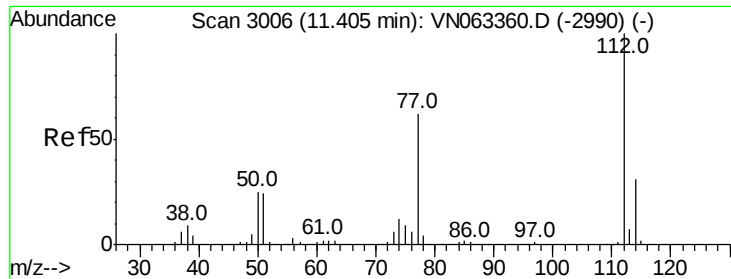
Tot Ion:117 Resp: 435758
Ion Ratio Lower Upper
117 100
82 60.8 49.2 73.8
119 31.8 26.2 39.4



#64
Tetrachloroethene
Concen: 21.589 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063676.D
Acq: 25 Sep 2020 14:19

Tgt Ion:164 Resp: 64059
Ion Ratio Lower Upper
164 100
166 128.3 103.4 155.0
129 104.0 81.8 122.6
131 100.8 78.2 117.4

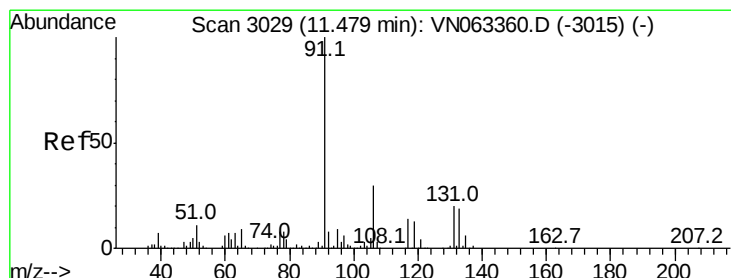
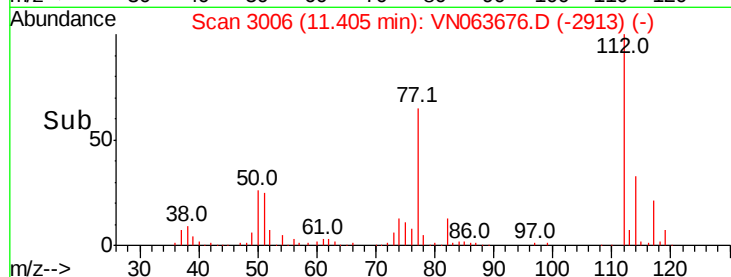
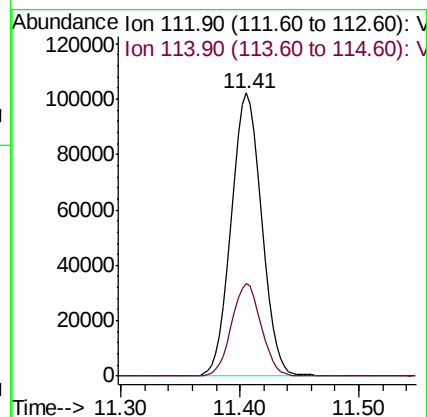
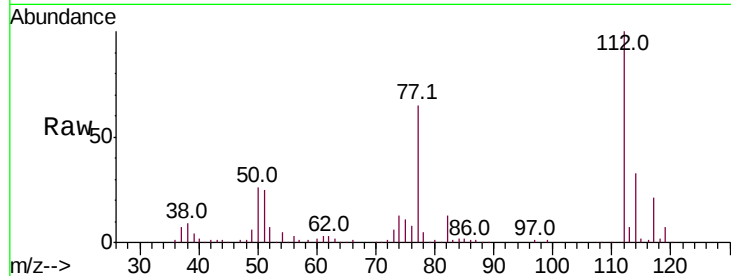




#65
Chlorobenzene
Concen: 19.647 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063676.D
Acq: 25 Sep 2020 14:19

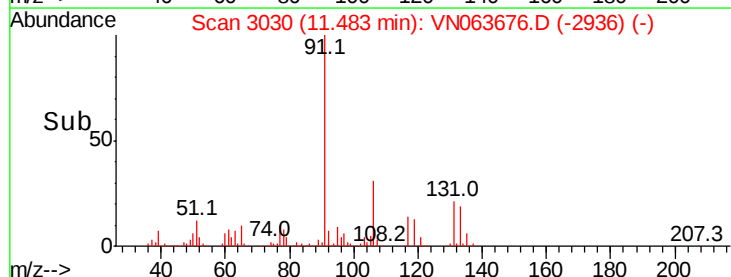
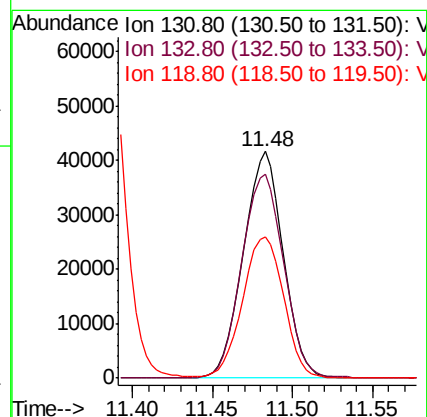
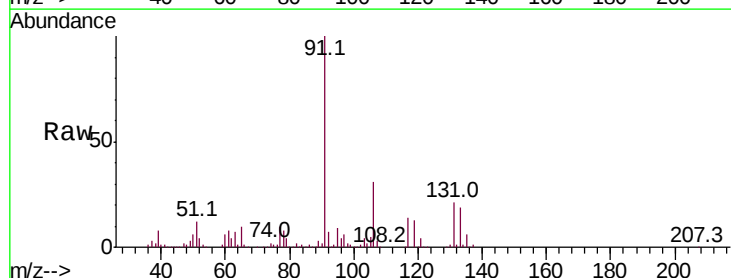
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

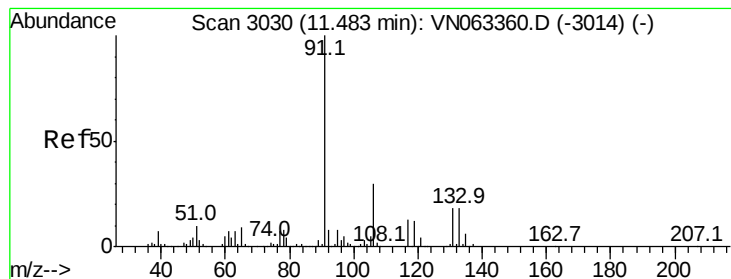
Tot Ion:112 Resp: 181736
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.846 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063676.D
Acq: 25 Sep 2020 14:19

Tgt Ion:131 Resp: 70683
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 64.4 33.6 100.8





#67

Ethyl Benzene

Concen: 19.000 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

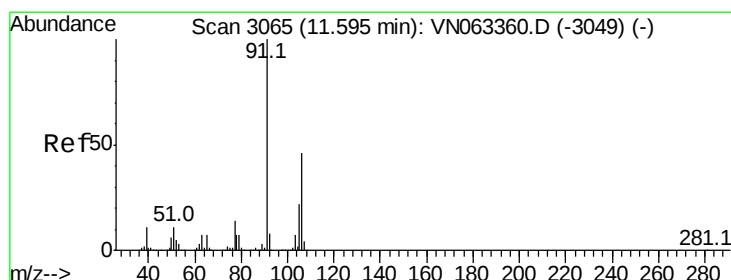
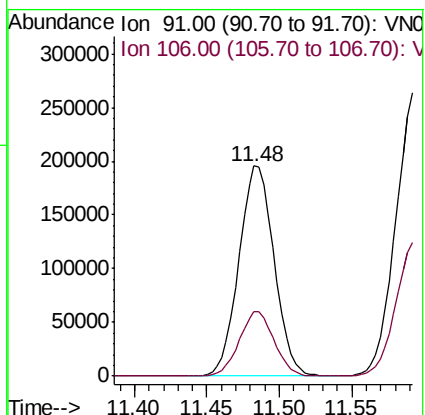
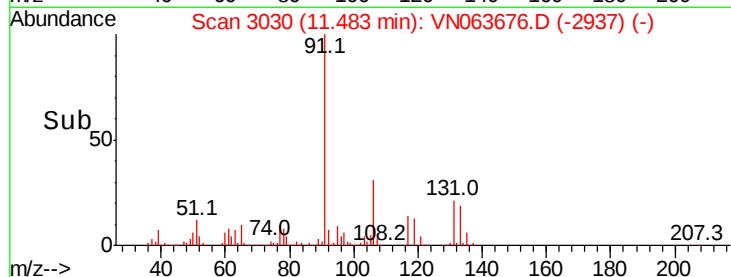
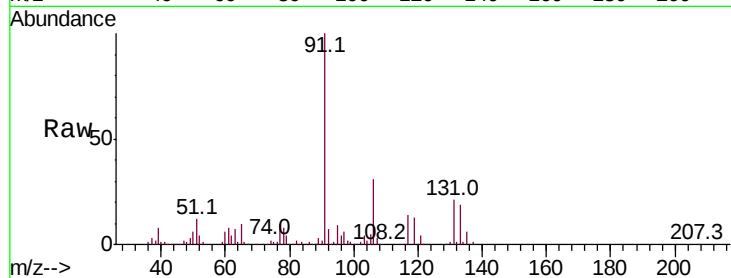
VN0925WBS01

Tot Ion: 91 Resp: 330976

Ion Ratio Lower Upper

91 100

106 30.5 23.8 35.6



#68

m/p-Xylenes

Concen: 39.282 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063676.D

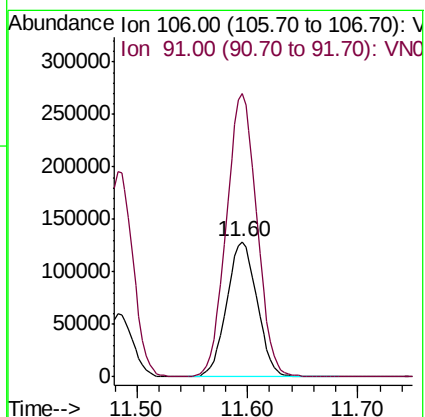
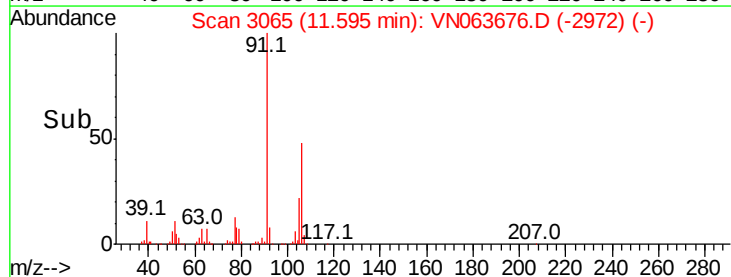
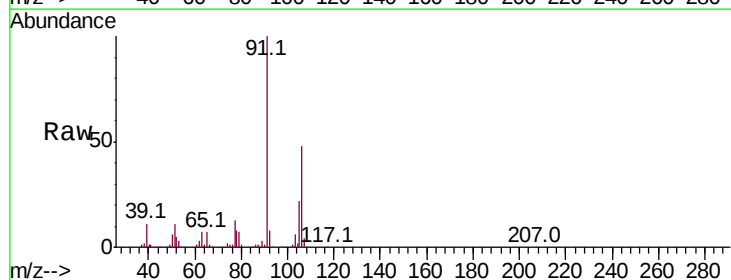
Acq: 25 Sep 2020 14:19

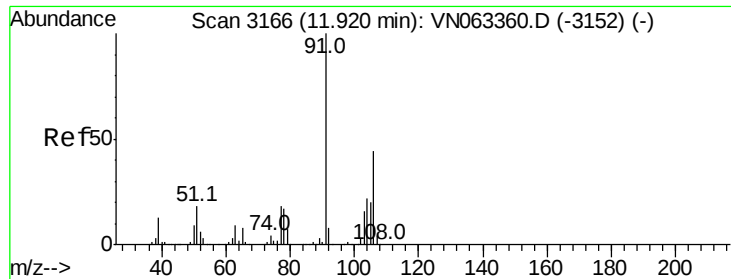
Tgt Ion: 106 Resp: 246710

Ion Ratio Lower Upper

106 100

91 209.2 171.2 256.8

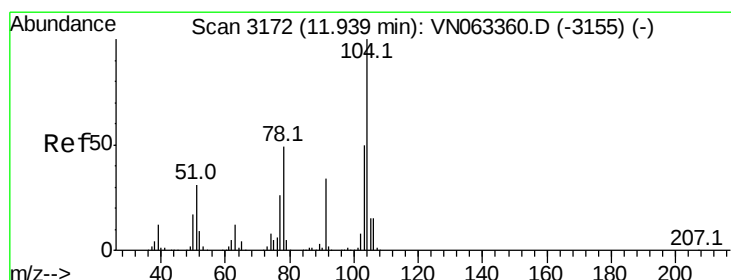
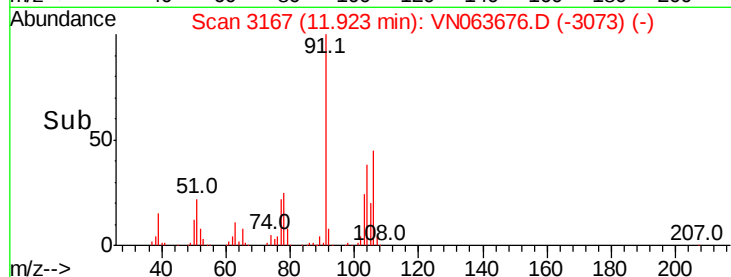
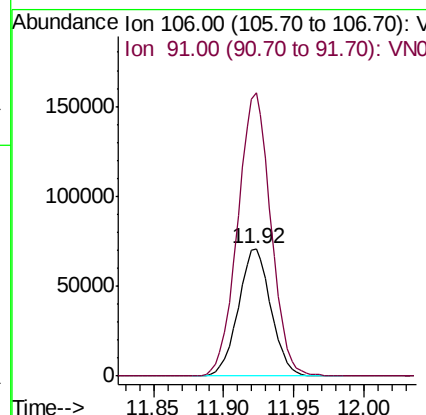
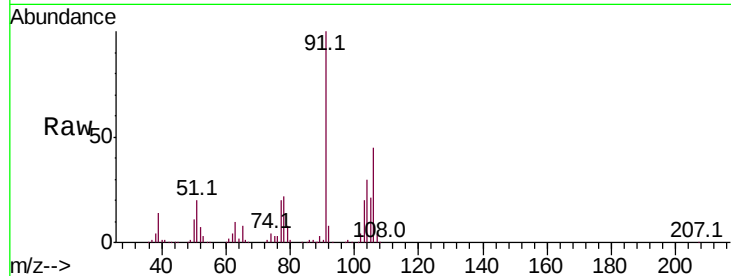




#69
o-Xylene
Concen: 19.207 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063676.D
Acq: 25 Sep 2020 14:19

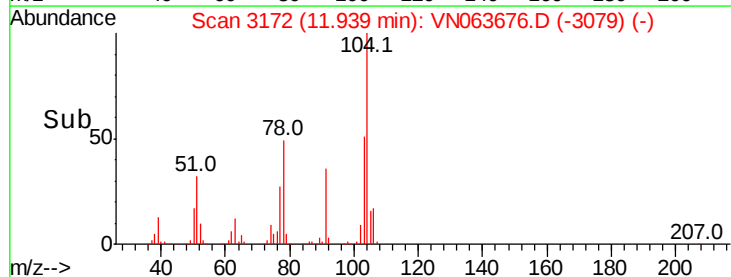
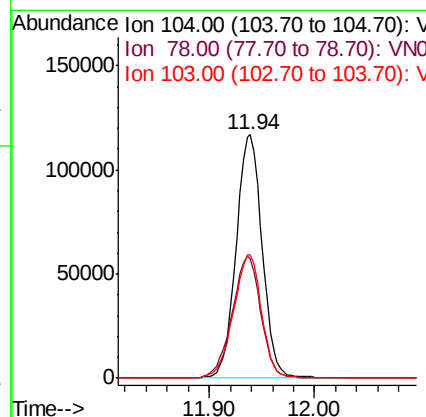
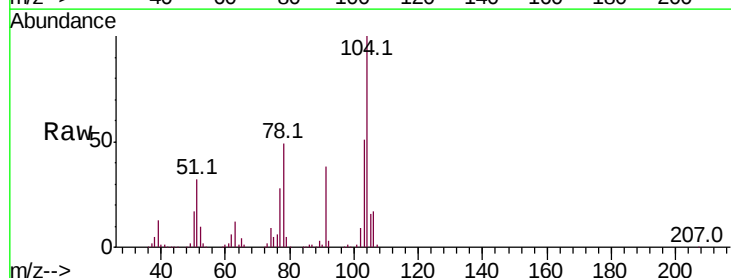
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

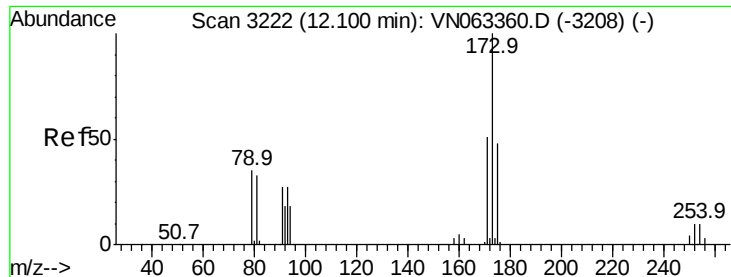
Tot Ion:106 Resp: 114913
Ion Ratio Lower Upper
106 100
91 226.0 113.6 340.8



#70
Styrene
Concen: 19.889 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063676.D
Acq: 25 Sep 2020 14:19

Tgt Ion:104 Resp: 199553
Ion Ratio Lower Upper
104 100
78 55.3 44.4 66.6
103 54.6 43.7 65.5

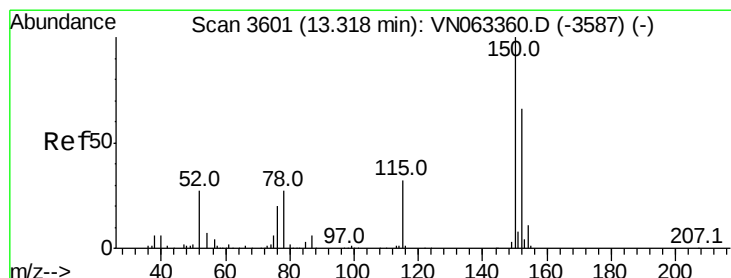
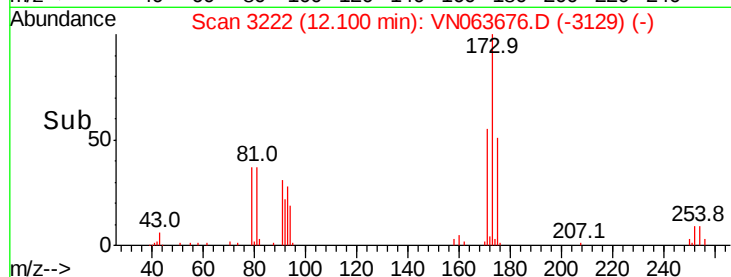
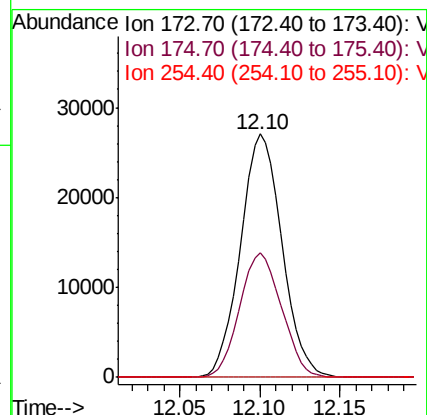
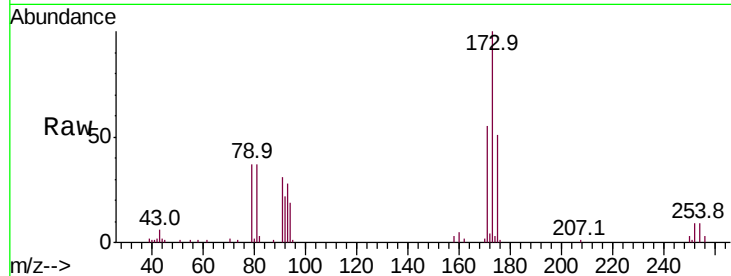




#71
Bromoform
Concen: 18.975 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063676.D
Acq: 25 Sep 2020 14:19

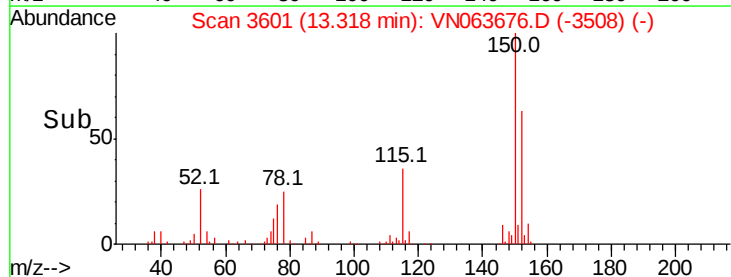
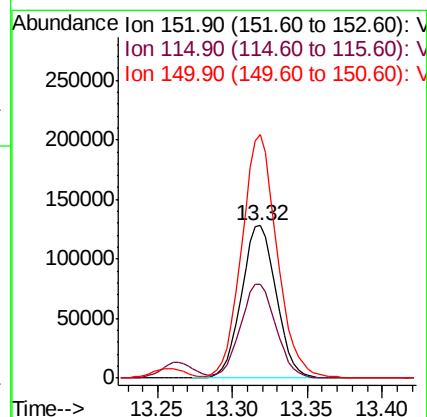
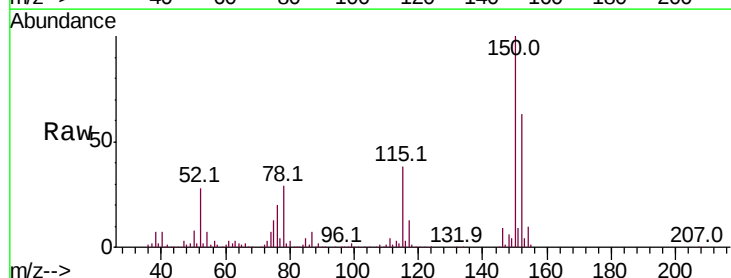
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

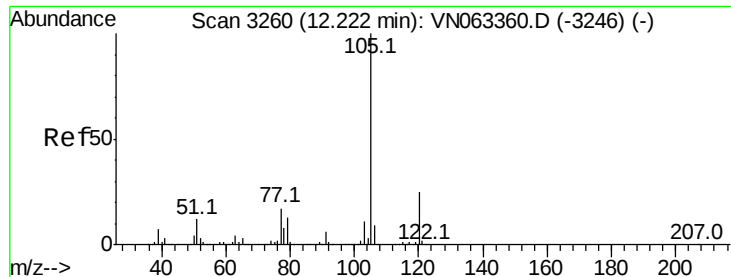
Tot Ion:173 Resp: 47930
Ion Ratio Lower Upper
173 100
175 51.4 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063676.D
Acq: 25 Sep 2020 14:19

Tgt Ion:152 Resp: 207930
Ion Ratio Lower Upper
152 100
115 62.6 32.2 96.6
150 161.7 0.0 343.4





#73

Isopropylbenzene

Concen: 18.957 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

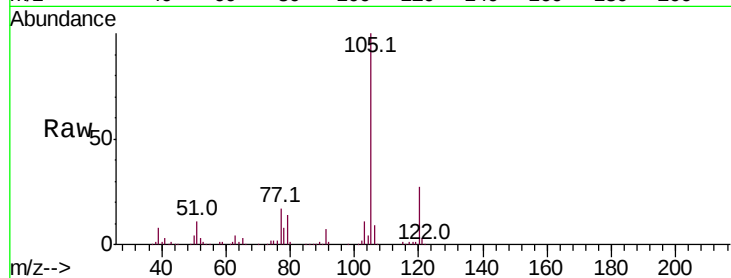
VN0925WBS01

Tot Ion:105 Resp: 315872

Ion Ratio Lower Upper

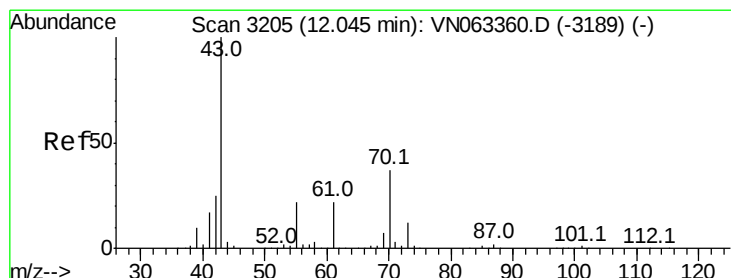
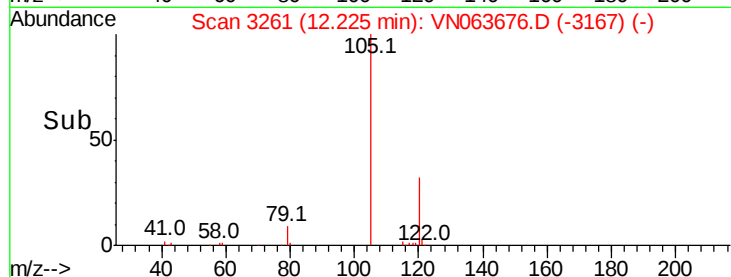
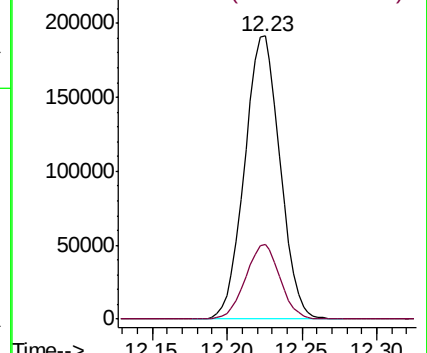
105 100

120 25.7 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: 17.937 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Tgt Ion: 43 Resp: 141480

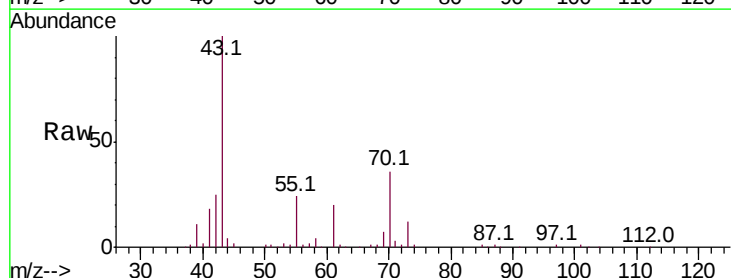
Ion Ratio Lower Upper

43 100

70 36.1 29.6 44.4

55 23.7 17.7 26.5

61 20.5 17.4 26.2

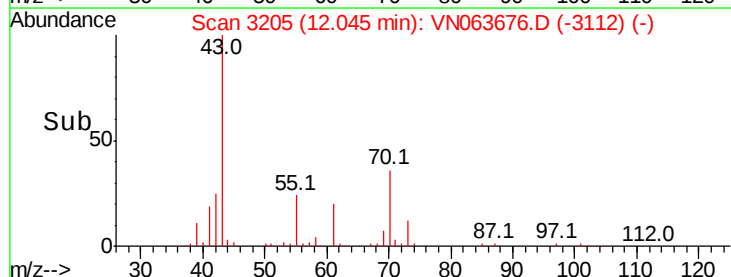
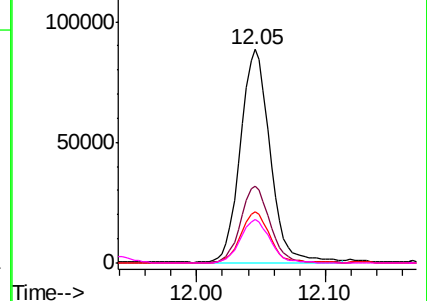


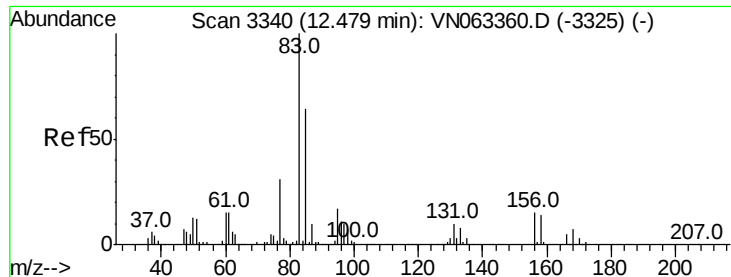
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 19.766 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

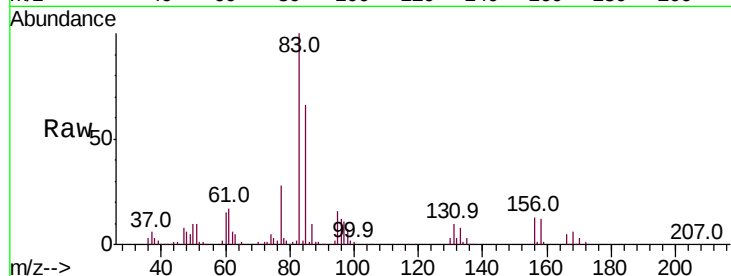
Tot Ion: 83 Resp: 101974

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	64.8	32.0	96.0

83 100

131 9.8 4.9 14.7

85 64.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.48

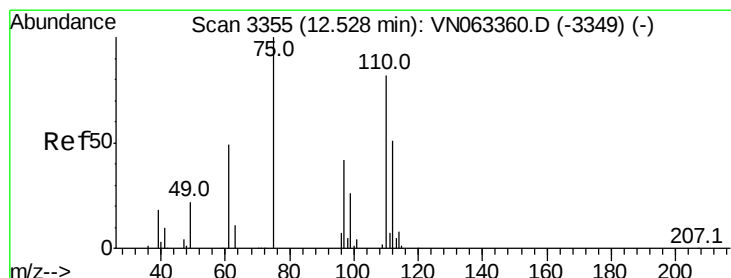
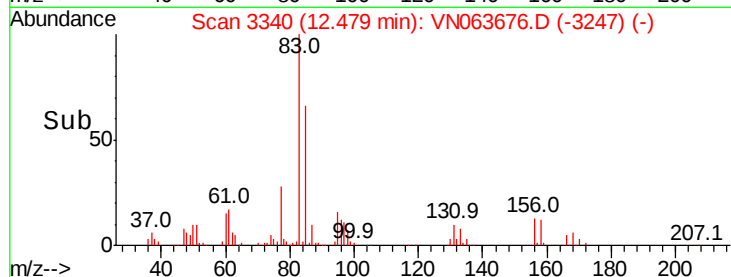
60000

40000

20000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 26.206 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063676.D

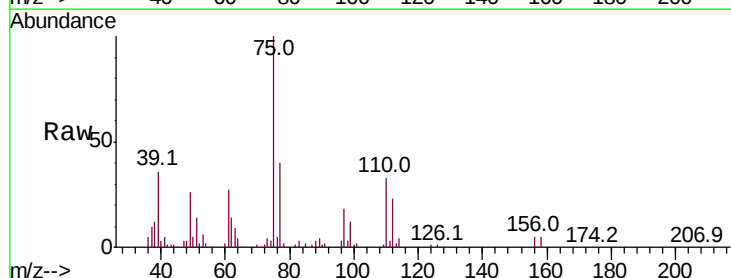
Acq: 25 Sep 2020 14:19

Tgt Ion: 75 Resp: 134873

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

80000

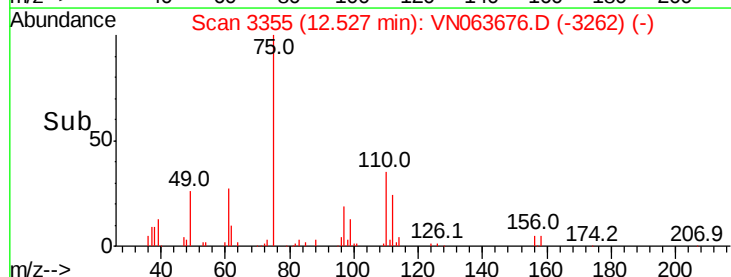
60000

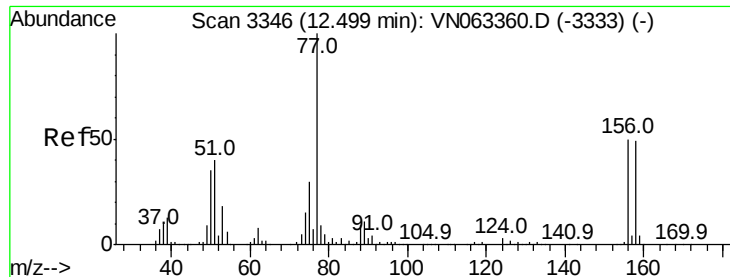
40000

20000

0

Time--> 12.40 12.50 12.60

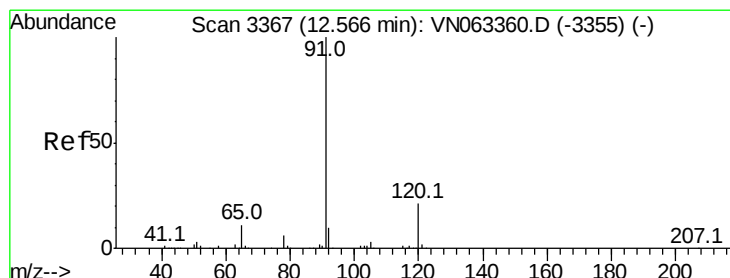
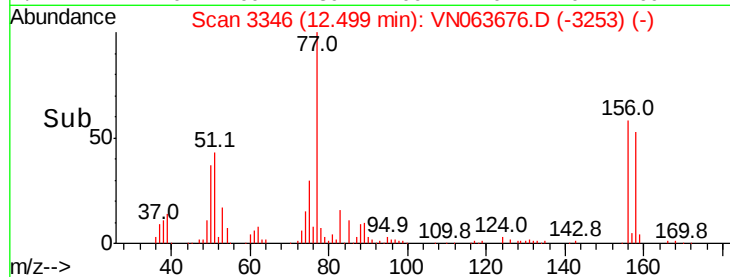
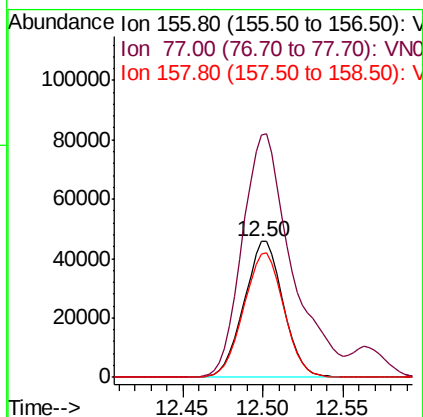
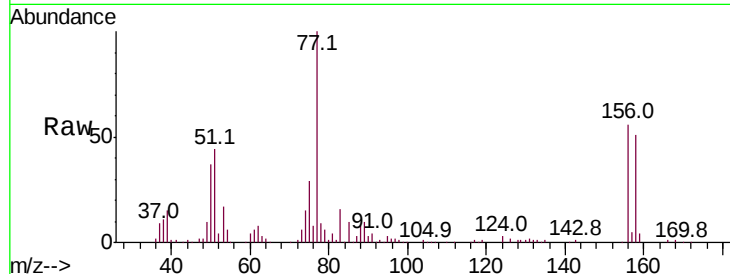




#77
Bromobenzene
Concen: 20.517 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN063676.D
Acq: 25 Sep 2020 14:19

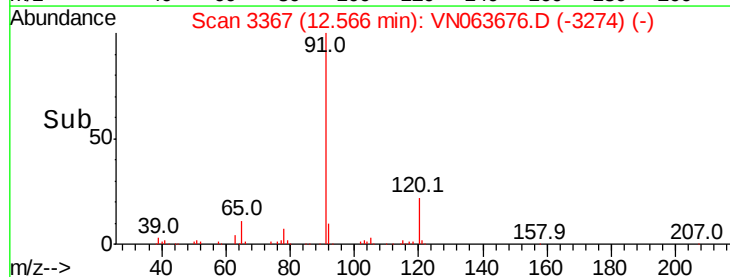
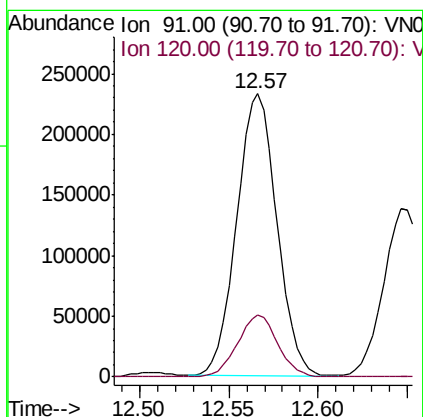
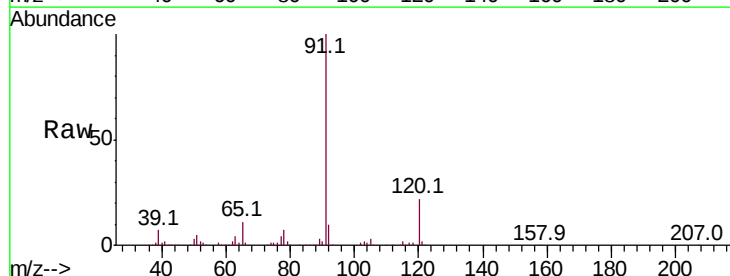
Instrument :
MSVOA_N
ClientSampled :
VN0925WBS01

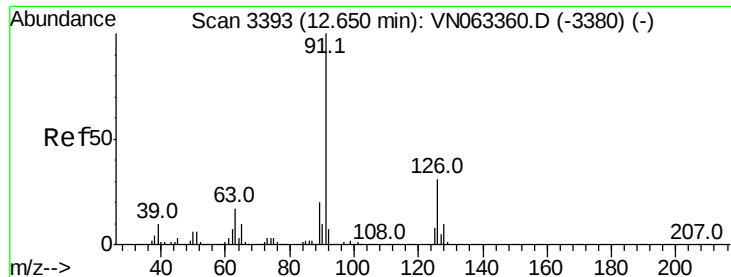
Tot Ion:156 Resp: 76901
Ion Ratio Lower Upper
156 100
77 226.2 120.2 360.6
158 93.9 48.9 146.6



#78
n-propylbenzene
Concen: 18.845 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN063676.D
Acq: 25 Sep 2020 14:19

Tgt Ion: 91 Resp: 365733
Ion Ratio Lower Upper
91 100
120 21.9 10.8 32.3

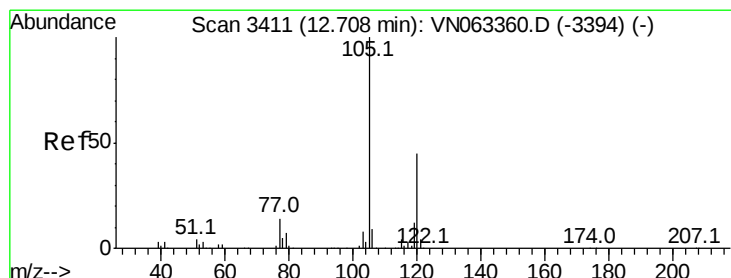
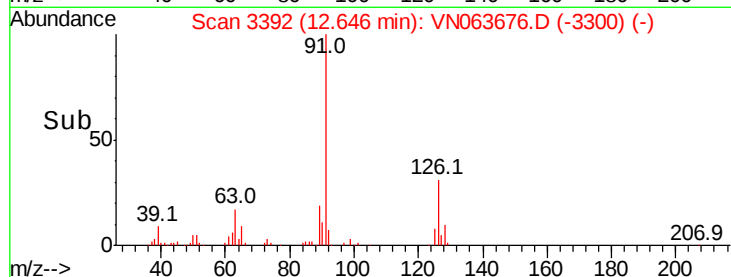
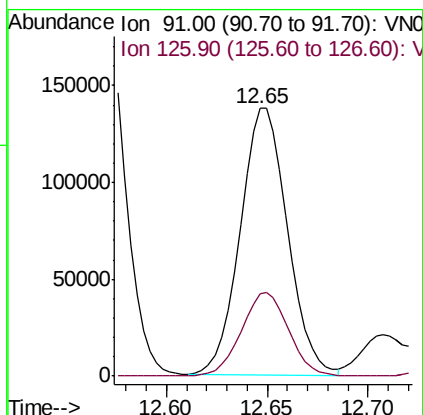
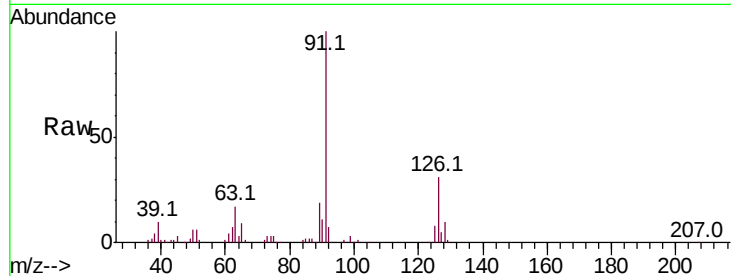




#79
 2-Chlorotoluene
 Concen: 19.418 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

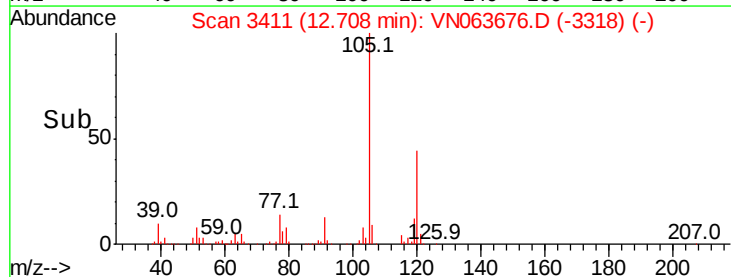
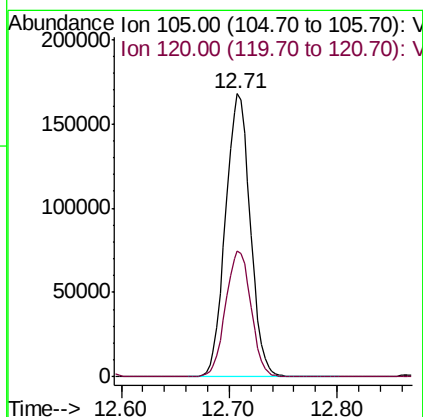
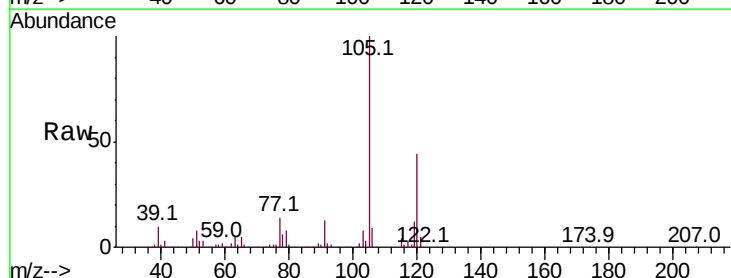
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

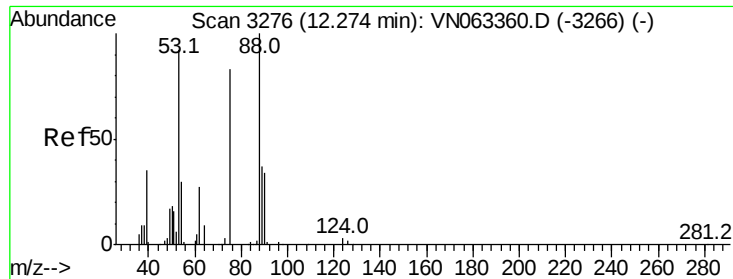
Tot Ion: 91 Resp: 225902
 Ion Ratio Lower Upper
 91 100
 126 31.3 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.334 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

Tgt Ion:105 Resp: 268633
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.854 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

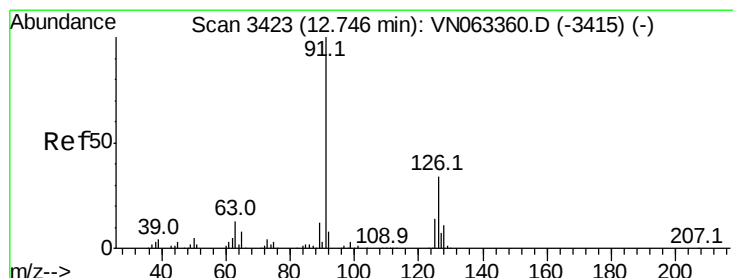
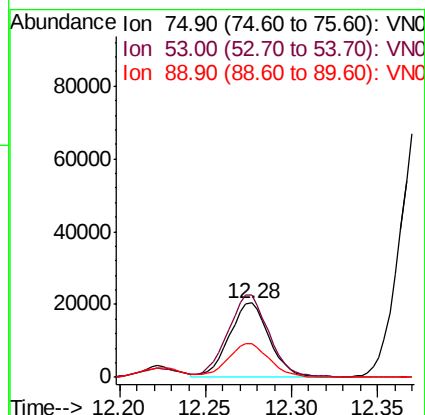
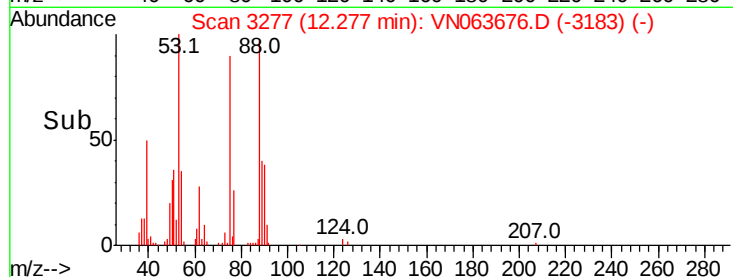
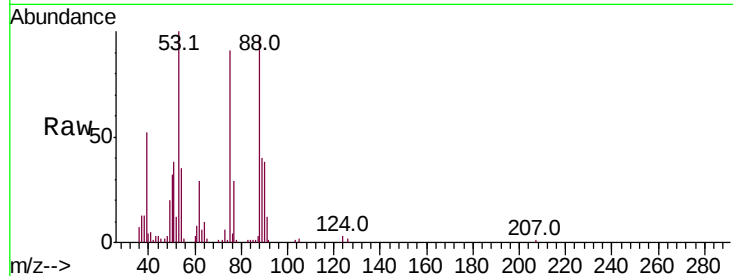
Tot Ion: 75 Resp: 33516

Ion Ratio Lower Upper

75 100

53 113.4 85.7 128.5

89 46.0 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.418 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063676.D

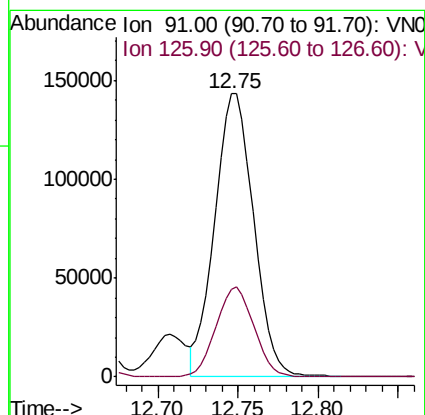
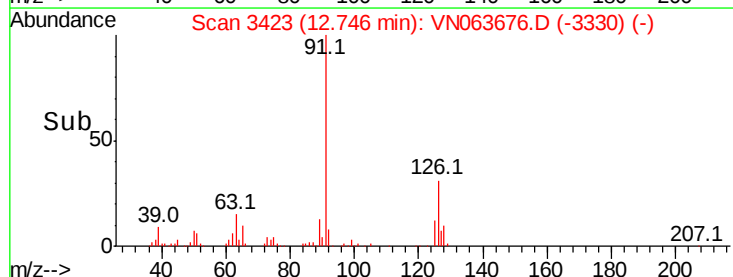
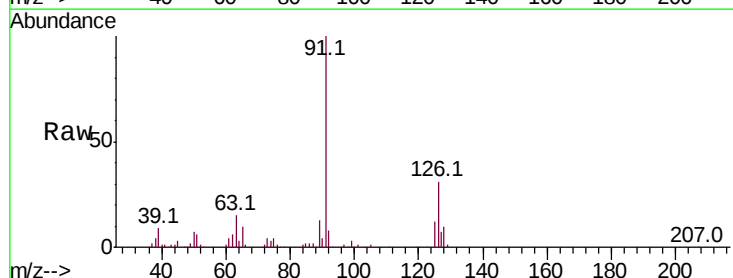
Acq: 25 Sep 2020 14:19

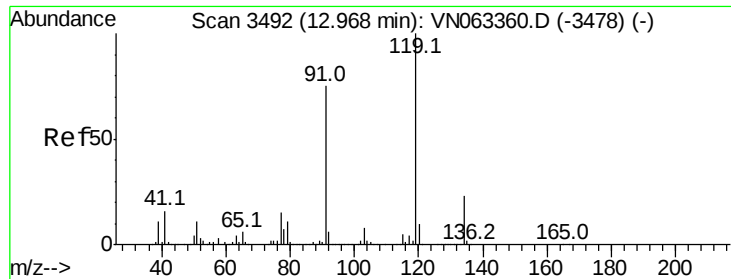
Tgt Ion: 91 Resp: 238685

Ion Ratio Lower Upper

91 100

126 31.0 15.5 46.5





#83

tert-Butylbenzene

Concen: 18.923 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampled :

VN0925WBS01

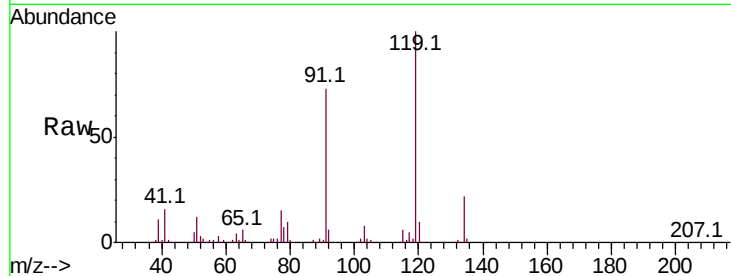
Tot Ion:119 Resp: 216999

Ion Ratio Lower Upper

119 100

91 72.5 36.3 108.9

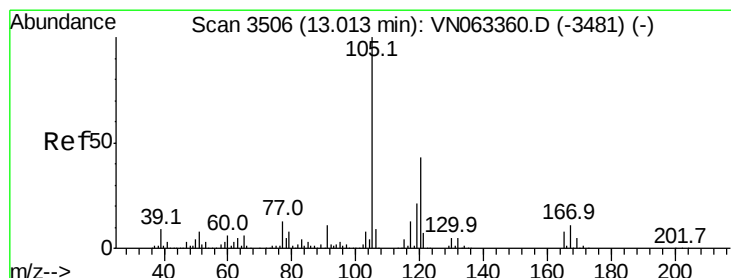
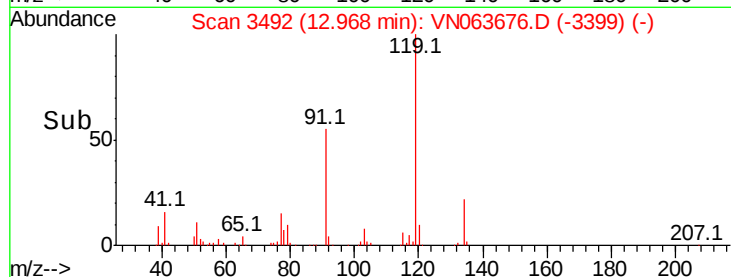
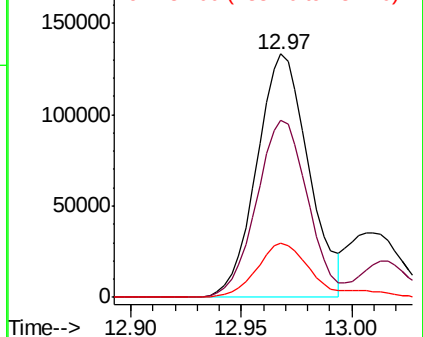
134 24.3 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.880 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063676.D

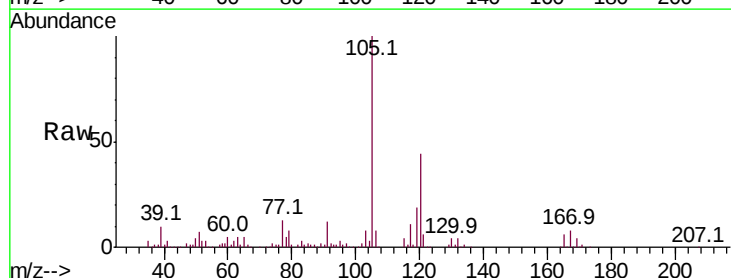
Acq: 25 Sep 2020 14:19

Tgt Ion:105 Resp: 264964

Ion Ratio Lower Upper

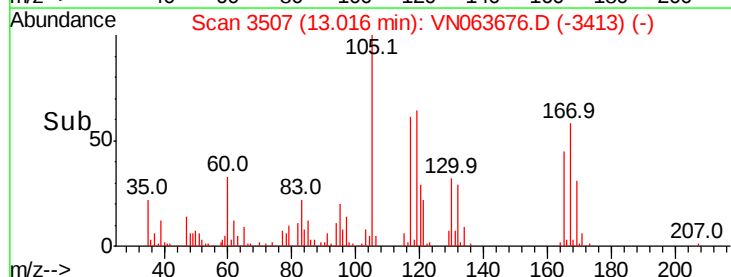
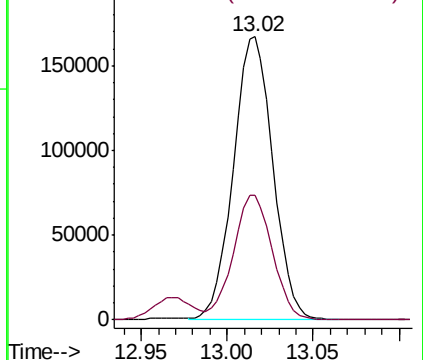
105 100

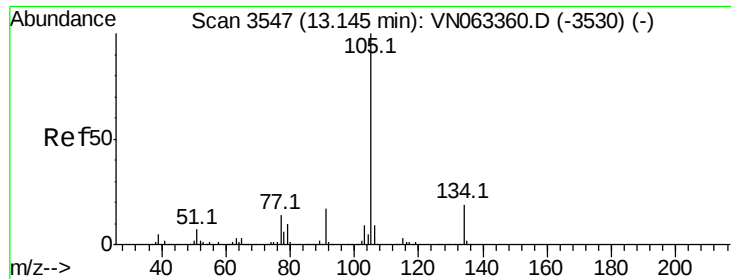
120 43.7 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

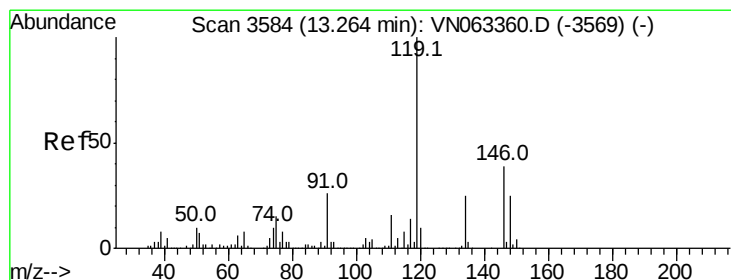
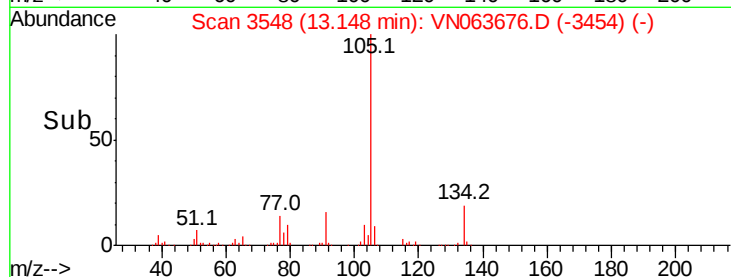
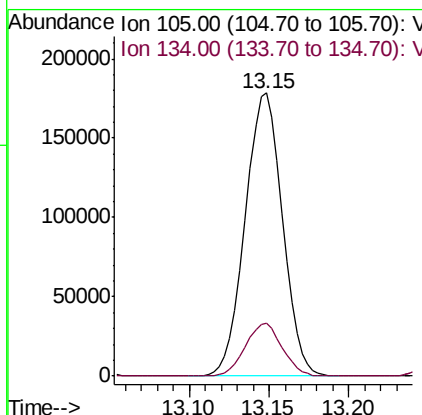
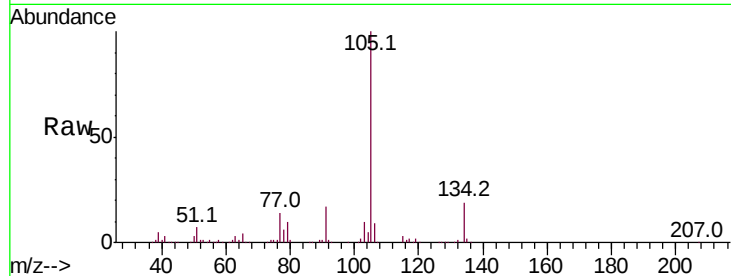




#85
 sec-Butylbenzene
 Concen: 18.448 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

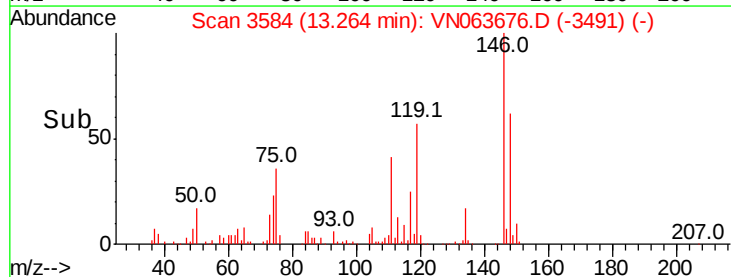
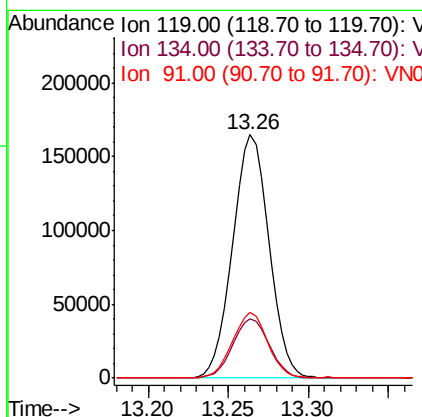
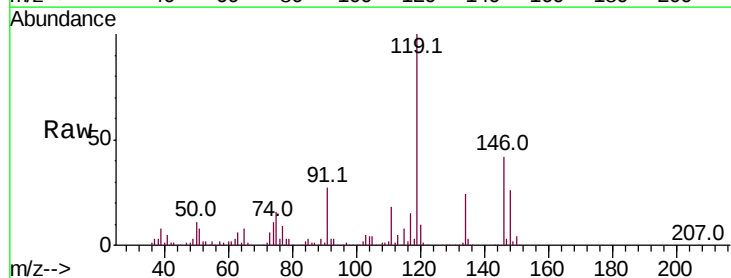
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

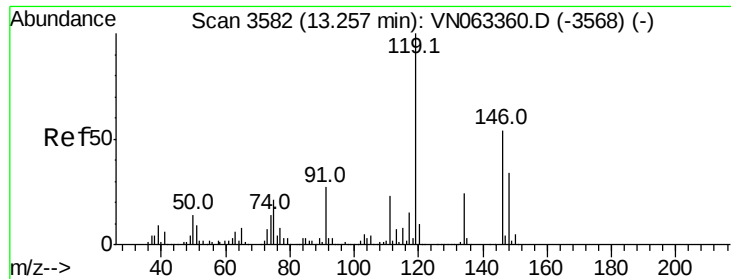
Tot Ion:105 Resp: 283170
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 18.788 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

Tgt Ion:119 Resp: 254368
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.5 37.5
 91 26.3 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 19.530 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

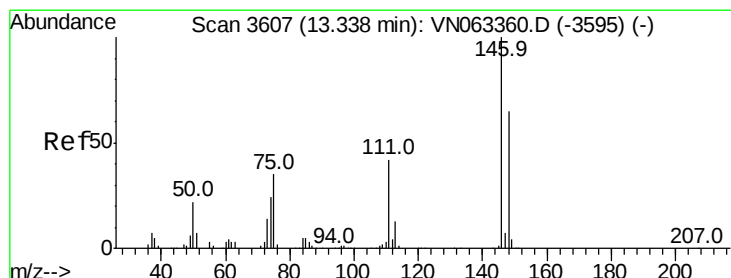
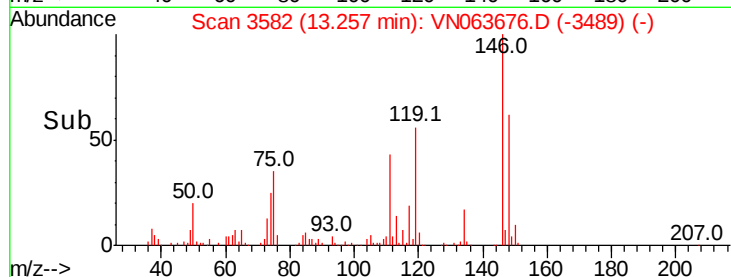
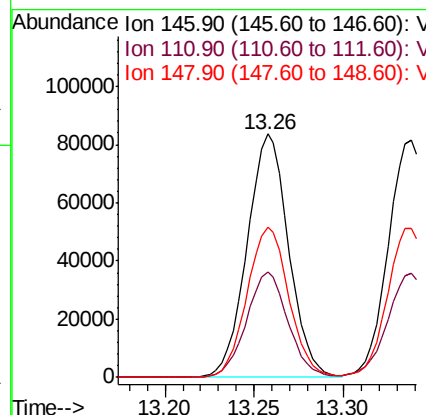
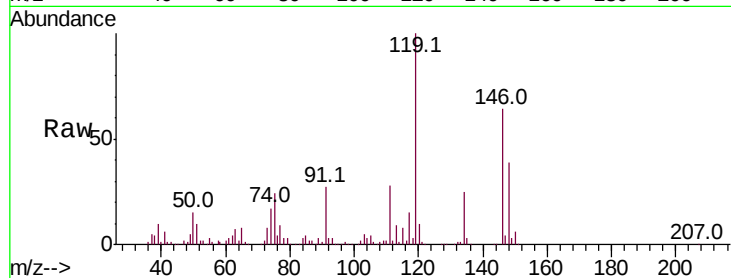
Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

Tot Ion:146 Resp: 135673

Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.4	64.3
148	62.3	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 19.381 ug/l

RT: 13.34 min Scan# 3607

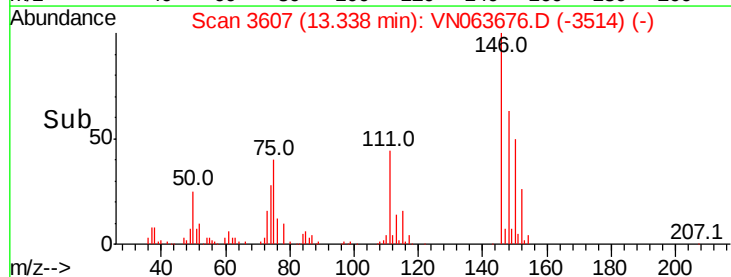
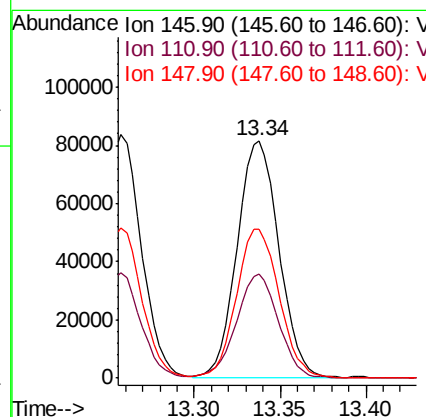
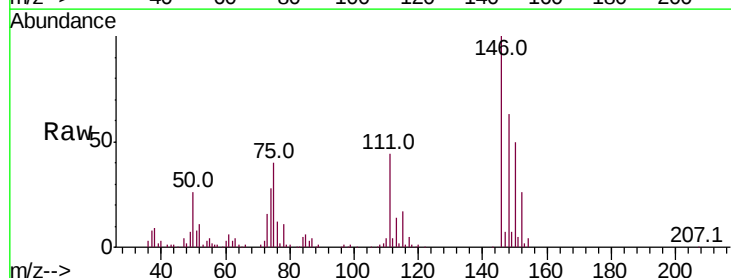
Delta R.T. -0.00 min

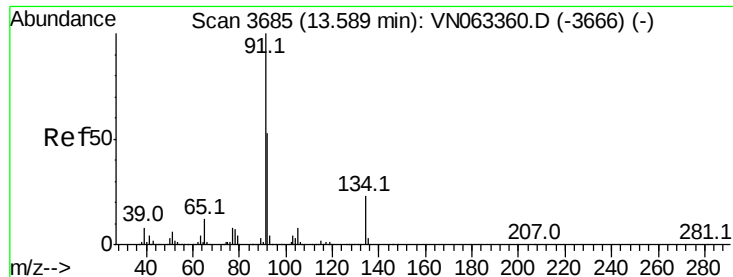
Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Tgt Ion:146 Resp: 136884

Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.2	63.6
148	64.3	31.9	95.9





#89

n-Butylbenzene

Concen: 17.852 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

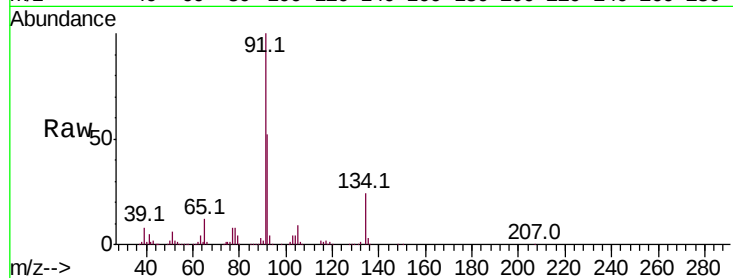
Tot Ion: 91 Resp: 222783

Ion Ratio Lower Upper

91 100

92 51.6 26.0 78.0

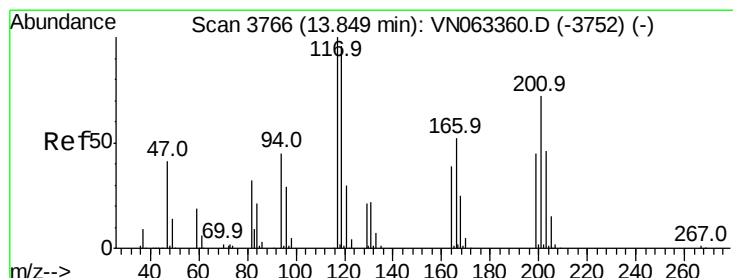
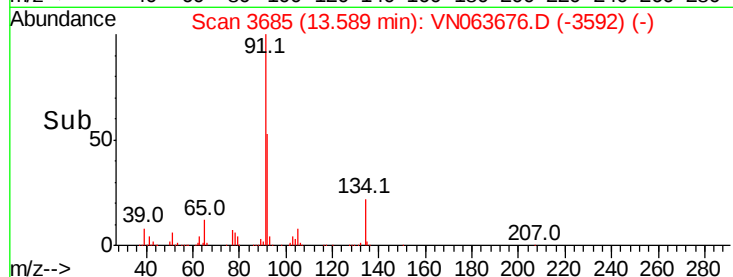
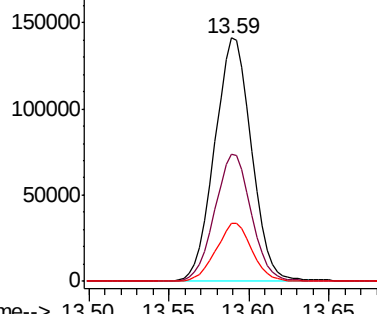
134 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3666) (-)

Ion 92.00 (91.70 to 92.70): VN063360.D (-3666) (-)

Ion 134.00 (133.70 to 134.70): VN063360.D (-3666) (-)



#90

Hexachloroethane

Concen: 17.523 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063676.D

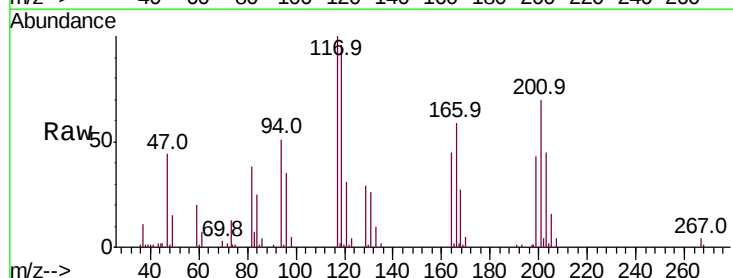
Acq: 25 Sep 2020 14:19

Tgt Ion: 117 Resp: 45175

Ion Ratio Lower Upper

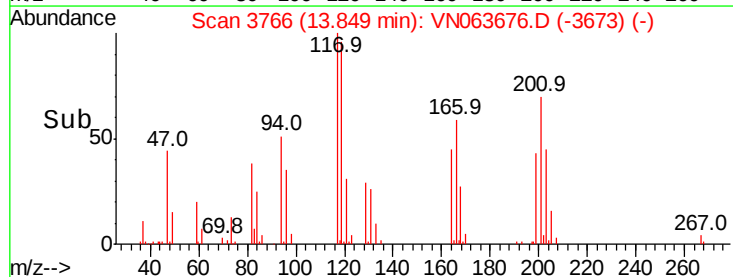
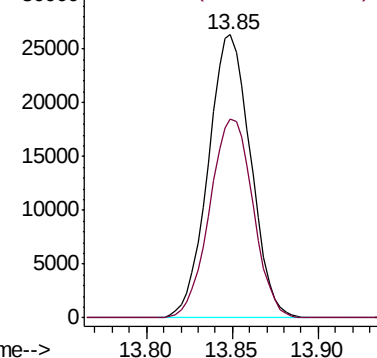
117 100

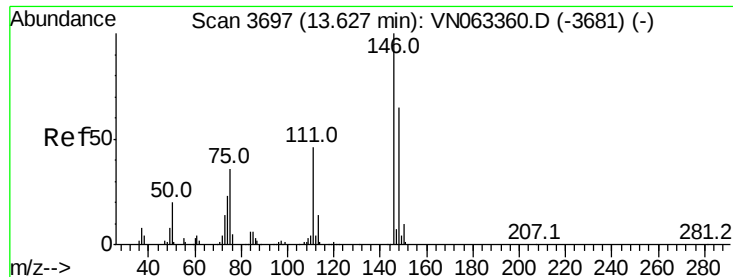
201 71.7 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN063360.D (-3752) (-)

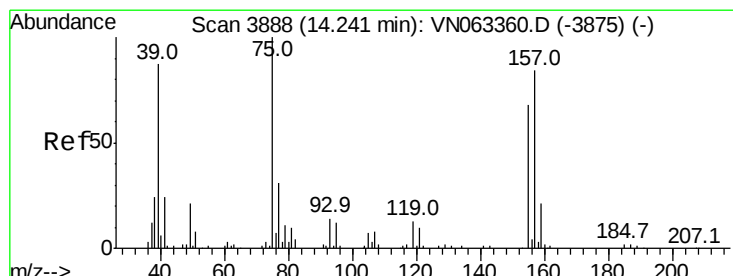
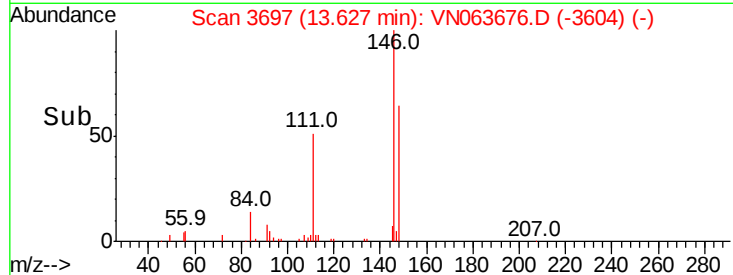
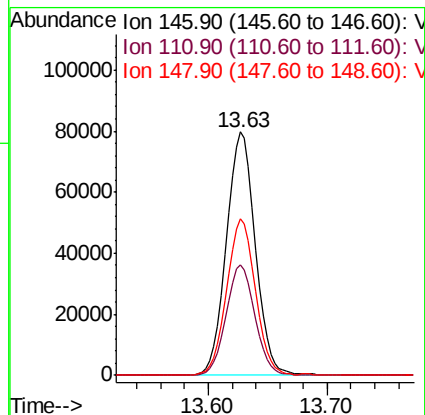
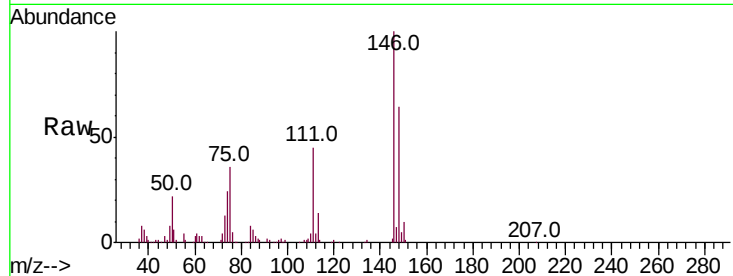




#91
 1,2-Dichlorobenzene
 Concen: 19.730 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

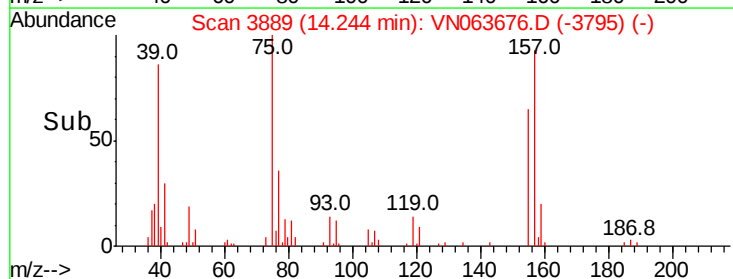
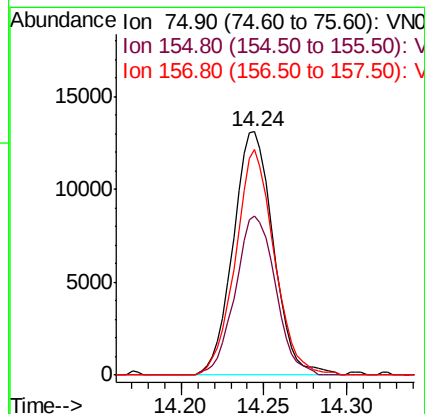
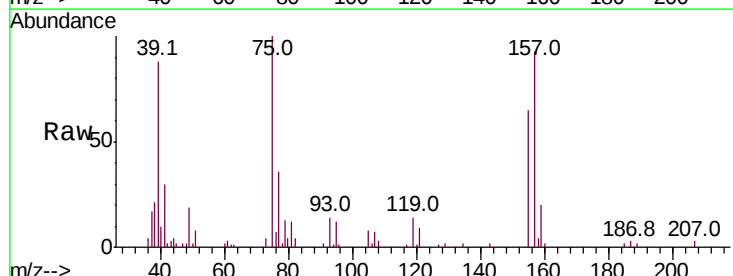
Instrument :
 MSVOA_N
 ClientSampled :
 VN0925WBS01

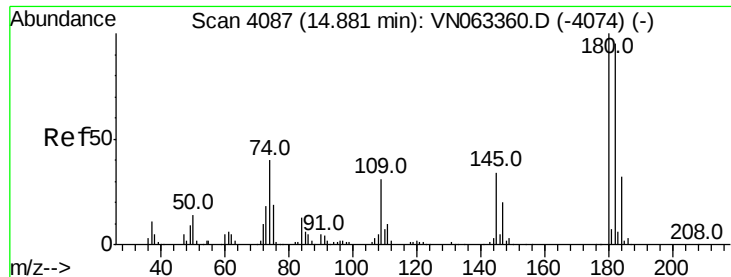
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.4	67.2
148	63.6	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.106 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	64.8	34.6	103.9
157	89.4	43.7	131.1

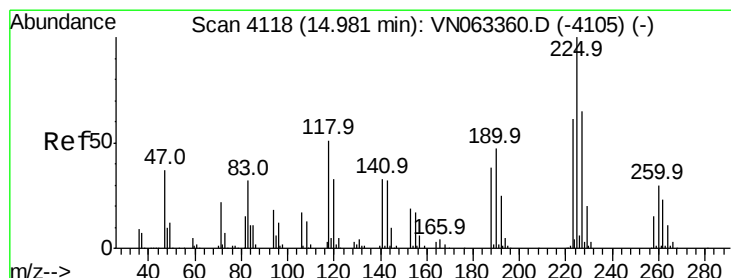
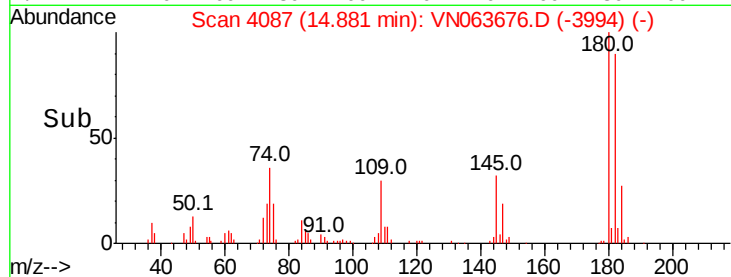
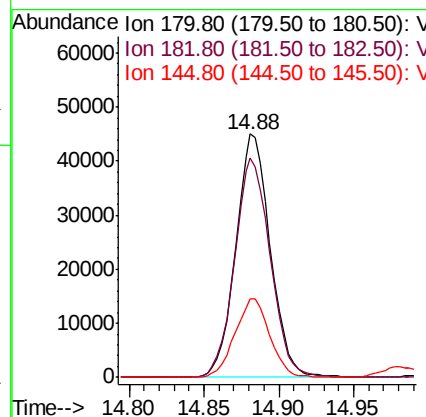
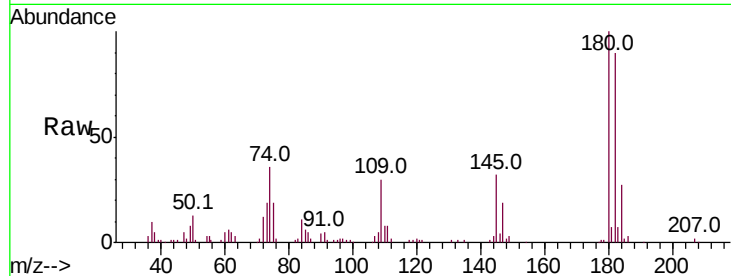




#93
 1,2,4-Trichlorobenzene
 Concen: 17.968 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

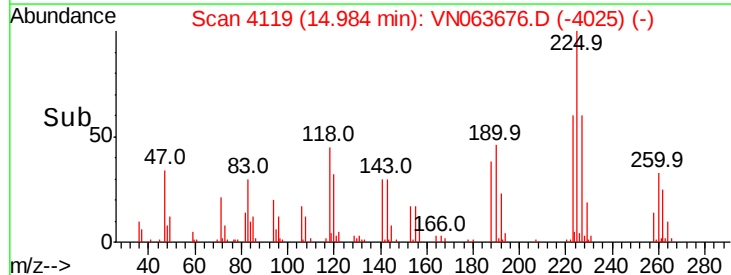
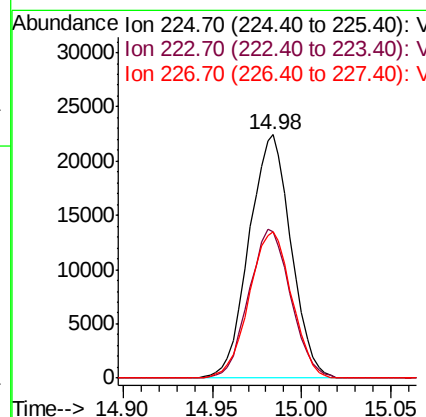
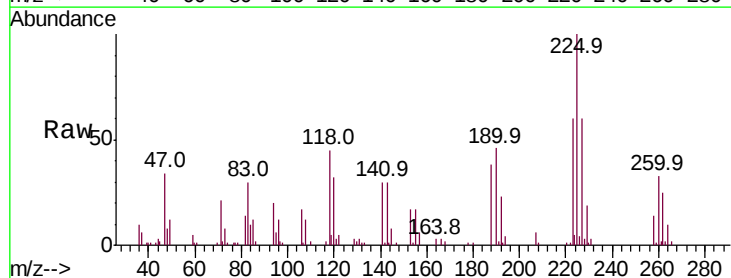
Instrument :
 MSVOA_N
 ClientSampled :
 VN0925WBS01

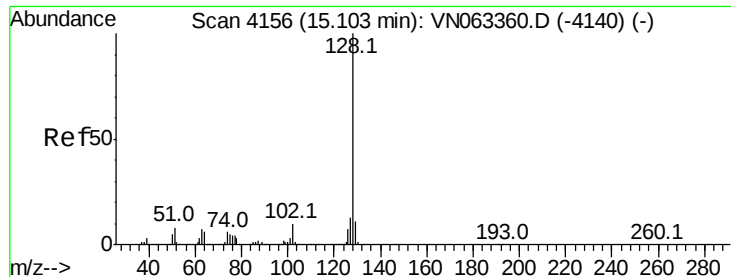
Tot Ion:180 Resp: 72246
 Ion Ratio Lower Upper
 180 100
 182 92.8 47.3 142.0
 145 32.4 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 22.172 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063676.D
 Acq: 25 Sep 2020 14:19

Tgt Ion:225 Resp: 36907
 Ion Ratio Lower Upper
 225 100
 223 61.2 30.6 91.6
 227 61.1 31.2 93.6





#95

Naphthalene

Concen: 16.770 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

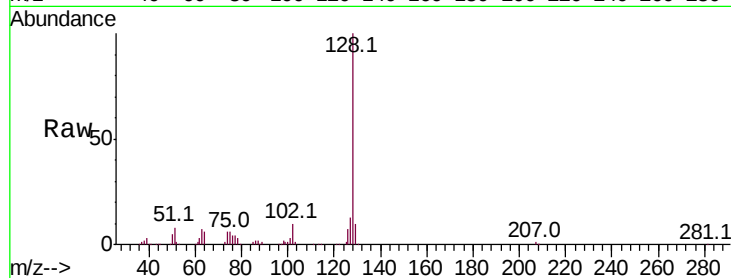
Tot Ion:128 Resp: 222769

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

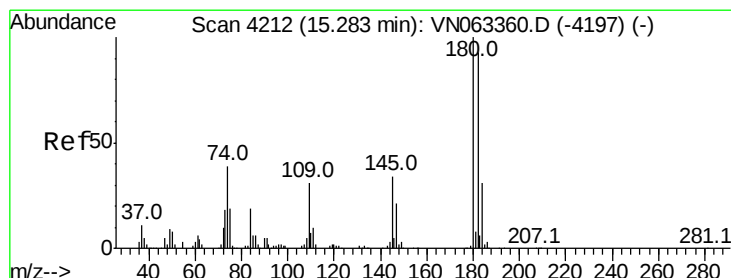
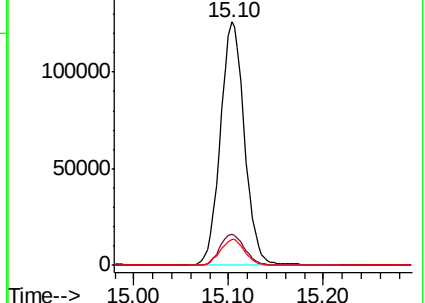
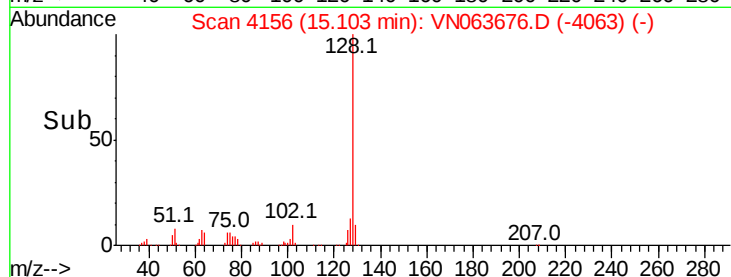
129 10.8 8.8 13.2



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: 17.393 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

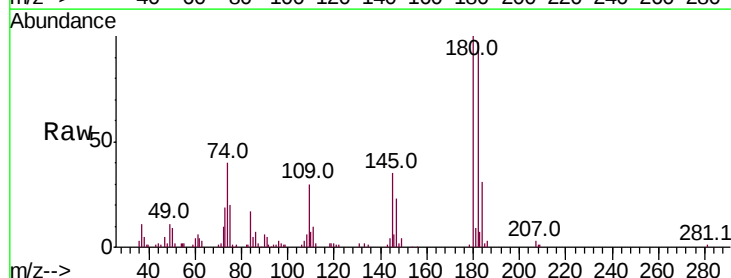
Tgt Ion:180 Resp: 67571

Ion Ratio Lower Upper

180 100

182 96.5 46.7 140.1

145 35.1 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

