

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091120\
 Data File : VN063308.D
 Acq On : 11 Sep 2020 12:27
 Operator : JC/MD
 Sample : VN0911WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Quant Time: Sep 12 00:39:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	423903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	758494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	692344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	306025	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	324387	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
35) Dibromofluoromethane	7.55	113	235938	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
50) Toluene-d8	10.06	98	931257	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.38	95	328142	47.38	ug/l	0.00
Spiked Amount			Recovery	=	94.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	69662	17.111	ug/l	97
3) Chloromethane	2.04	50	107281	18.592	ug/l	94
4) Vinyl Chloride	2.17	62	108878	18.903	ug/l	97
5) Bromomethane	2.54	94	71296	17.742	ug/l	93
6) Chloroethane	2.68	64	71146	18.883	ug/l	97
7) Trichlorofluoromethane	2.99	101	156304	17.548	ug/l	99
8) Diethyl Ether	3.38	74	57146	17.993	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	82182	17.660	ug/l	99
10) Methyl Iodide	3.91	142	107342	17.794	ug/l	99
11) Tert butyl alcohol	4.72	59	81802	92.898	ug/l	99
12) 1,1-Dichloroethene	3.70	96	81943	17.640	ug/l	97
13) Acrolein	3.57	56	49900	122.915	ug/l	98
14) Allyl chloride	4.28	41	152902	16.034	ug/l	96
15) Acrylonitrile	4.93	53	224924	93.424	ug/l	99
16) Acetone	3.78	43	199027	86.543	ug/l	100
17) Carbon Disulfide	4.01	76	234836	17.401	ug/l	100
18) Methyl Acetate	4.28	43	106062	18.346	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	296460	17.860	ug/l	99
20) Methylene Chloride	4.50	84	102204	18.723	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	92584	17.810	ug/l	98
22) Diisopropyl ether	5.90	45	341482	18.197	ug/l	93
23) Vinyl Acetate	5.84	43	1411136	95.531	ug/l	99
24) 1,1-Dichloroethane	5.80	63	182652	17.973	ug/l	99
25) 2-Butanone	6.79	43	313274	92.217	ug/l	99
26) 2,2-Dichloropropane	6.78	77	156636	17.585	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	107396	17.727	ug/l	97
28) Bromochloromethane	7.15	49	88852	18.030	ug/l	99
29) Tetrahydrofuran	7.16	42	210995	95.386	ug/l	99
30) Chloroform	7.33	83	184384	18.120	ug/l	98
31) Cyclohexane	7.61	56	165961	17.767	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	160356	18.078	ug/l	99
36) 1,1-Dichloropropene	7.75	75	137038	17.577	ug/l	99
37) Ethyl Acetate	6.88	43	135113	17.615	ug/l	99
38) Carbon Tetrachloride	7.73	117	135460	17.653	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	146241	17.194	ug/l	94
40) Benzene	8.00	78	404010	18.143	ug/l	100
41) Methacrylonitrile	7.12	41	57539	16.584	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	153507	18.169	ug/l	100
43) Isopropyl Acetate	8.13	43	242608	18.677	ug/l	99
44) Trichloroethene	8.80	130	105809	18.169	ug/l	97
45) 1,2-Dichloropropane	9.08	63	110480	18.088	ug/l	98
46) Dibromomethane	9.17	93	72706	18.356	ug/l	97
47) Bromodichloromethane	9.37	83	144959	17.562	ug/l	97
48) Methyl methacrylate	9.17	41	112753	18.192	ug/l	98
49) 1,4-Dioxane	9.17	88	33023	344.124	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	694986	97.085	ug/l	100
52) Toluene	10.13	92	249590	18.358	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	159722	17.745	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	172853	17.836	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	95351	17.898	ug/l	99
56) Ethyl methacrylate	10.40	69	147158	18.164	ug/l	100
57) 1,3-Dichloropropane	10.68	76	170977	18.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	395488	91.008	ug/l	98
59) 2-Hexanone	10.72	43	499221	94.559	ug/l	100
60) Dibromochloromethane	10.87	129	105870	18.097	ug/l	99
61) 1,2-Dibromoethane	10.98	107	98569	17.747	ug/l	98
64) Tetrachloroethene	10.60	164	102425	18.059	ug/l	97
65) Chlorobenzene	11.41	112	261490	17.544	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	94448	17.392	ug/l	97
67) Ethyl Benzene	11.49	91	484798	18.118	ug/l	100
68) m/p-Xylenes	11.59	106	349918	35.353	ug/l	98
69) o-Xylene	11.92	106	169088	17.801	ug/l	100
70) Styrene	11.94	104	282447	17.891	ug/l	99
71) Bromoform	12.10	173	65231	17.367	ug/l #	100
73) Isopropylbenzene	12.23	105	449473	18.209	ug/l	100
74) N-amyl acetate	12.05	43	191862	18.932	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	128725	18.209	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	182234	26.992	ug/l #	100
77) Bromobenzene	12.50	156	103961	18.323	ug/l	99
78) n-propylbenzene	12.57	91	513438	18.310	ug/l	100
79) 2-Chlorotoluene	12.65	91	312610	18.131	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	375415	18.316	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	43822	17.440	ug/l	94
82) 4-Chlorotoluene	12.75	91	316924	17.535	ug/l	99
83) tert-Butylbenzene	12.97	119	307885	17.712	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	384217	18.598	ug/l	100
85) sec-Butylbenzene	13.15	105	401546	18.157	ug/l	99
86) p-Isopropyltoluene	13.27	119	365567	18.031	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	181193	17.468	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	185380	18.038	ug/l	99
89) n-Butylbenzene	13.59	91	320784	17.527	ug/l	99
90) Hexachloroethane	13.85	117	60678	18.194	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	183271	17.876	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	28232	17.562	ug/l	97

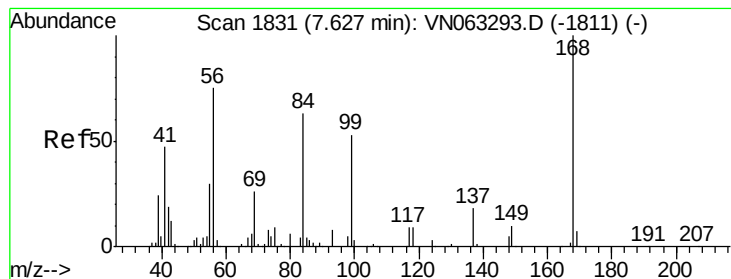
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QLast Update : Fri Sep 11 06:02:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	96724	16.118	ug/l	98
94) Hexachlorobutadiene	14.98	225	37819	16.636	ug/l	95
95) Naphthalene	15.11	128	300756	16.317	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	93576	16.816	ug/l	99

(#) = 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: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

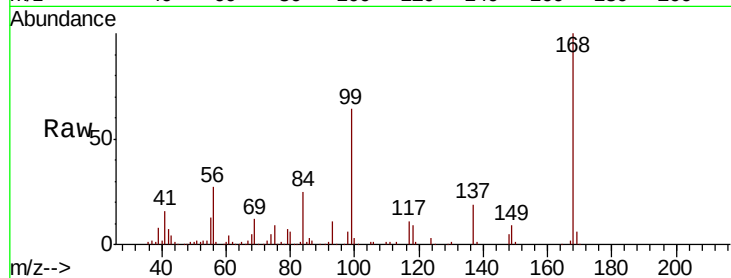
VN0911WBS01

Tot Ion:168 Resp: 423903

Ion Ratio Lower Upper

168 100

99 63.9 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

200000

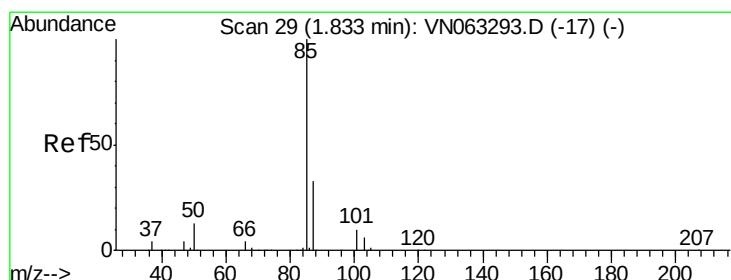
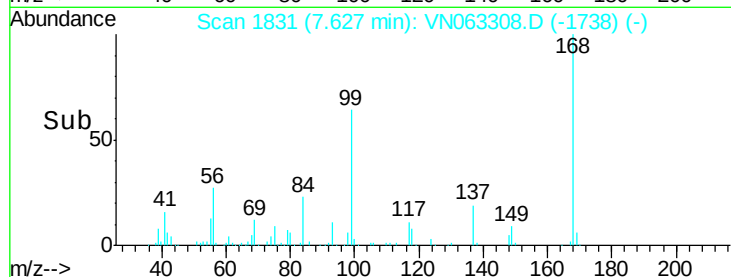
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.111 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063308.D

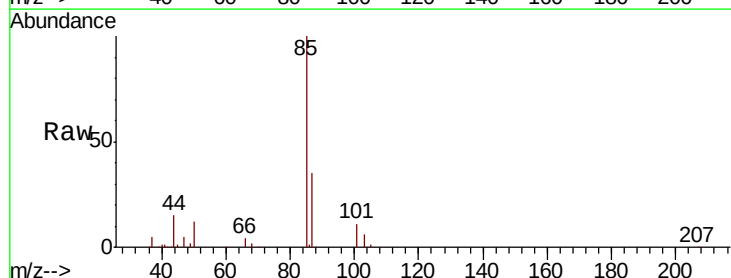
Acq: 11 Sep 2020 12:27

Tgt Ion: 85 Resp: 69662

Ion Ratio Lower Upper

85 100

87 34.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

60000

50000

40000

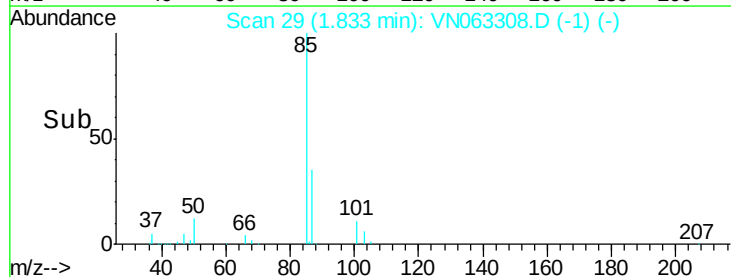
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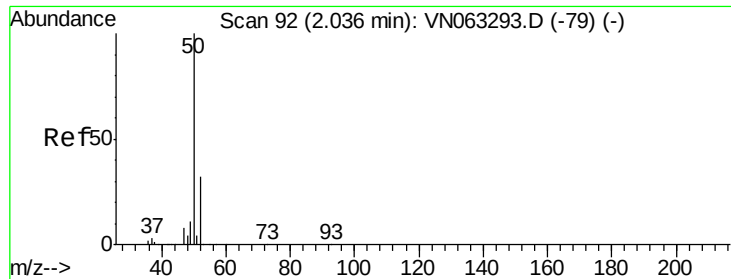
20000

10000

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Time-->





#3

Chloromethane

Concen: 18.592 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

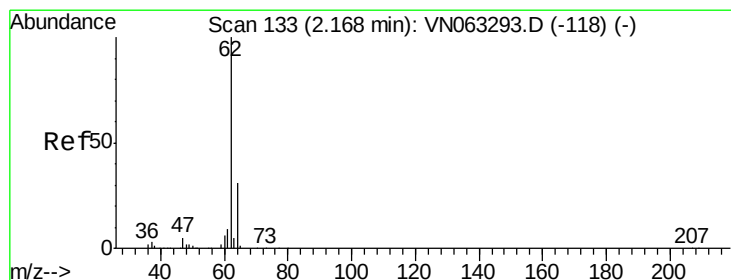
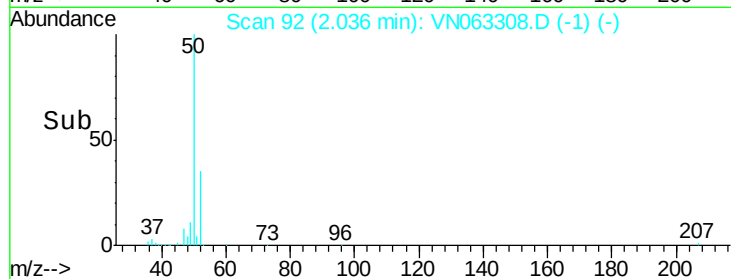
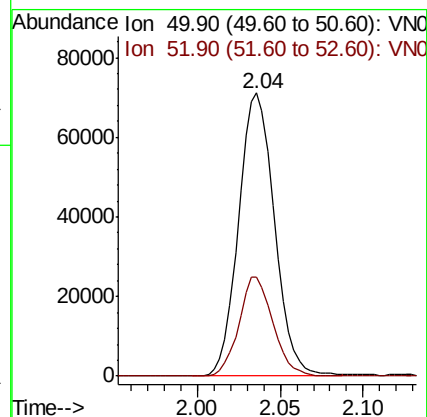
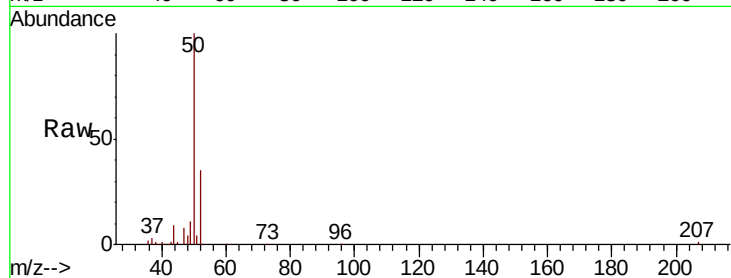
VN0911WBS01

Tot Ion: 50 Resp: 107281

Ion Ratio Lower Upper

50 100

52 35.2 25.4 38.2



#4

Vinyl Chloride

Concen: 18.903 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063308.D

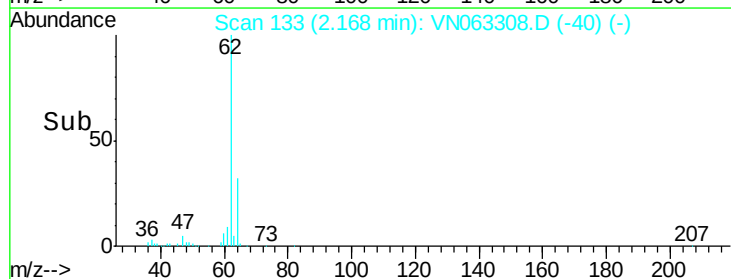
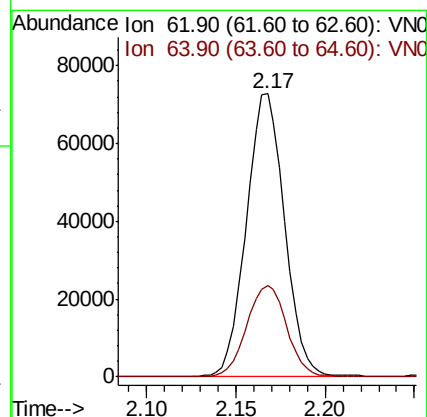
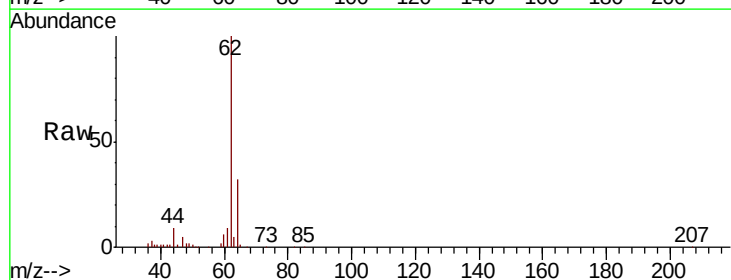
Acq: 11 Sep 2020 12:27

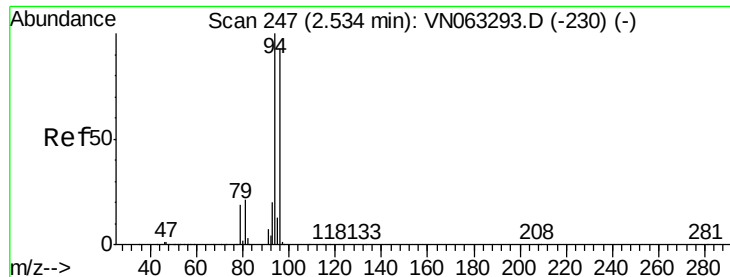
Tgt Ion: 62 Resp: 108878

Ion Ratio Lower Upper

62 100

64 32.3 24.6 37.0





#5

Bromomethane

Concen: 17.742 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

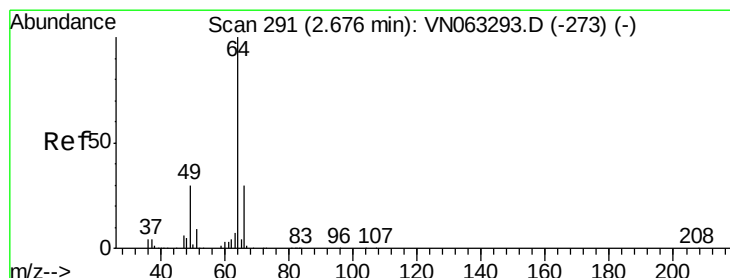
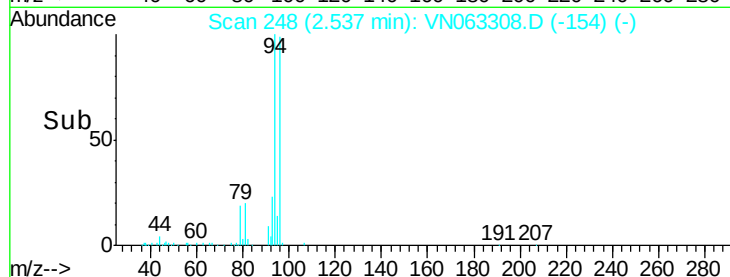
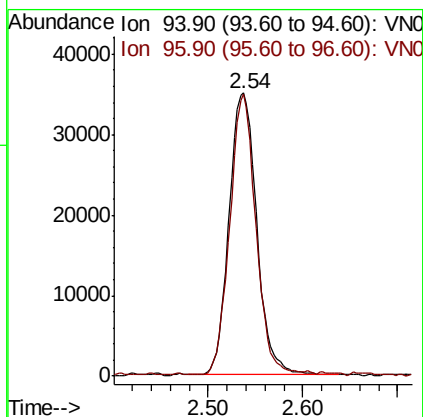
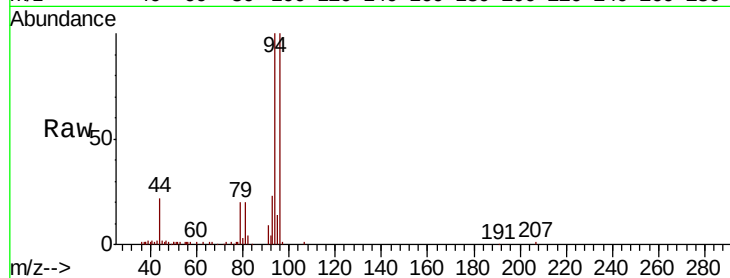
VN0911WBS01

Tot Ion: 94 Resp: 71296

Ion Ratio Lower Upper

94 100

96 99.7 74.3 111.5



#6

Chloroethane

Concen: 18.883 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN063308.D

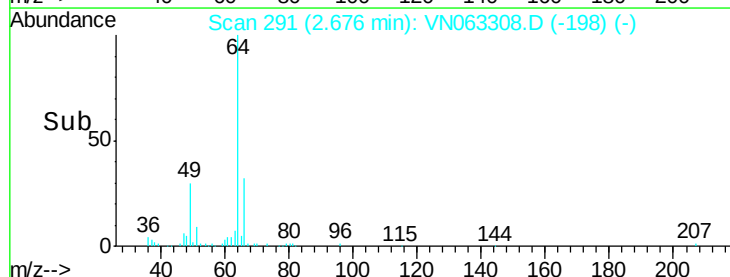
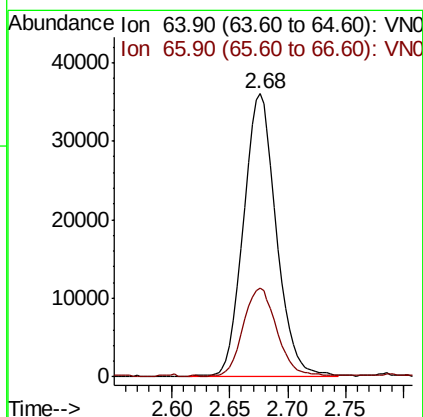
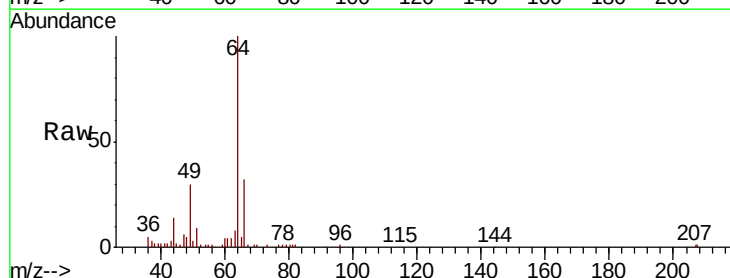
Acq: 11 Sep 2020 12:27

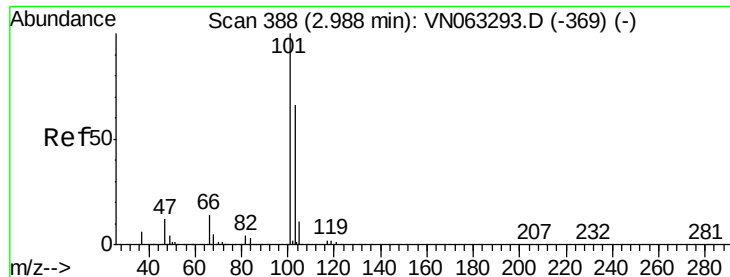
Tgt Ion: 64 Resp: 71146

Ion Ratio Lower Upper

64 100

66 31.6 23.8 35.6



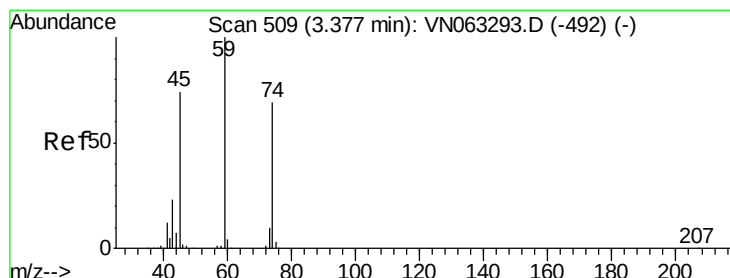
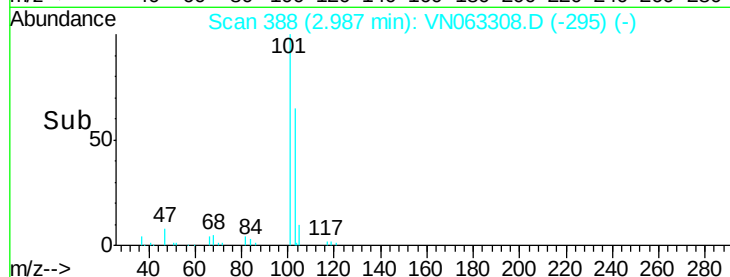
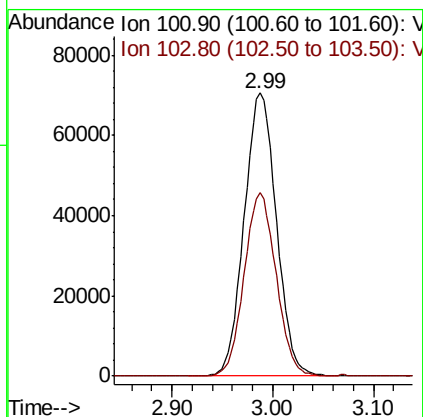
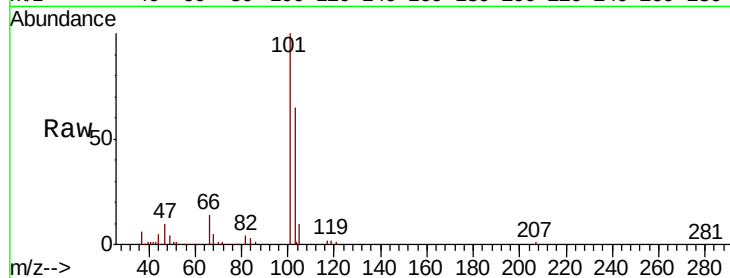


#7

Trichlorofluoromethane
 Concen: 17.548 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Instrument :
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 VN0911WBS01

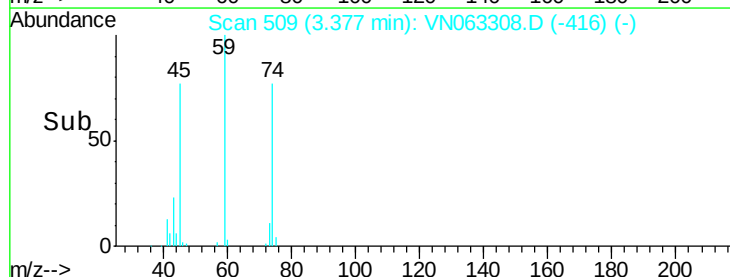
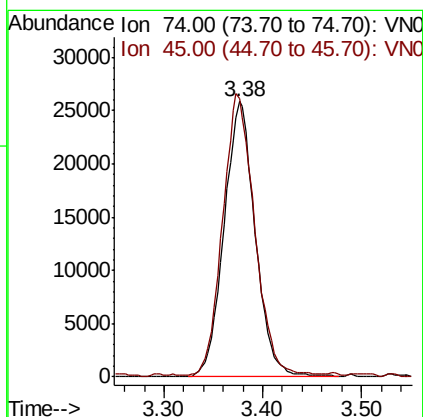
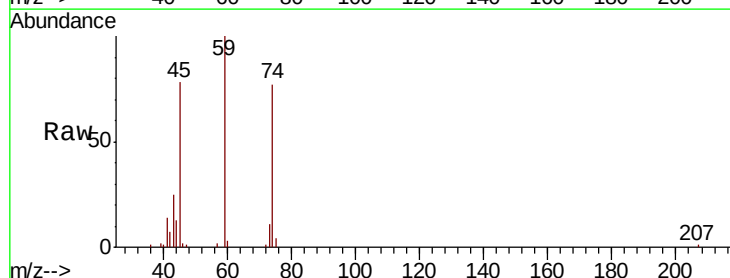
Tot Ion:101 Resp: 156304
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.4 78.6

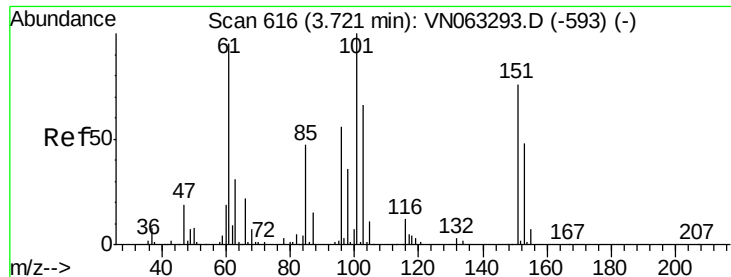


#8

Diethyl Ether
 Concen: 17.993 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion: 74 Resp: 57146
 Ion Ratio Lower Upper
 74 100
 45 104.5 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.660 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

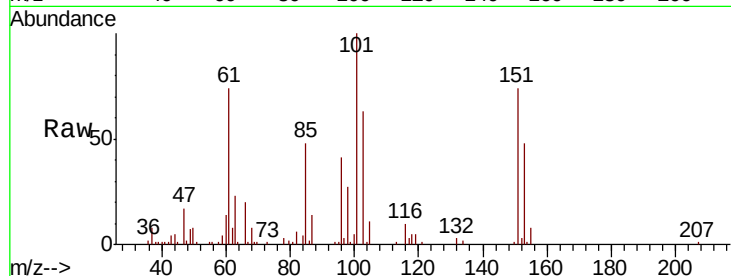
Tot Ion:101 Resp: 82182

Ion Ratio Lower Upper

101 100

85 47.3 36.9 55.3

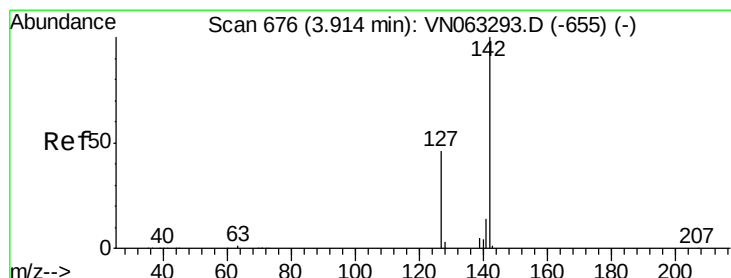
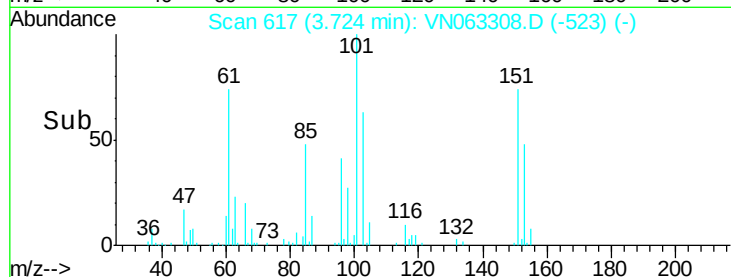
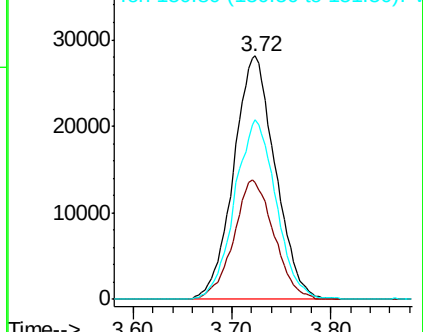
151 73.2 57.8 86.8



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: 17.794 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

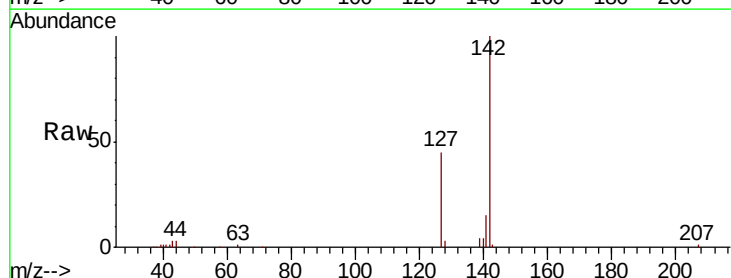
Tgt Ion:142 Resp: 107342

Ion Ratio Lower Upper

142 100

127 47.6 37.1 55.7

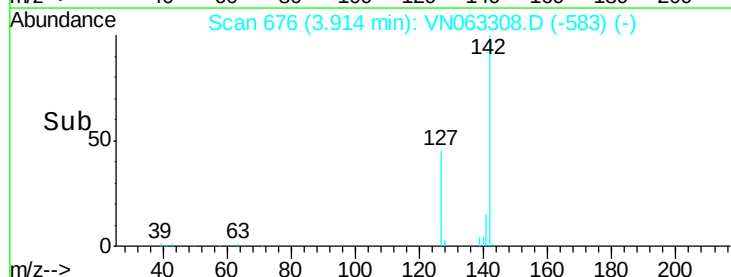
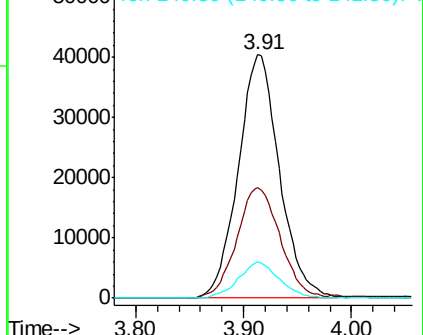
141 14.6 11.6 17.4

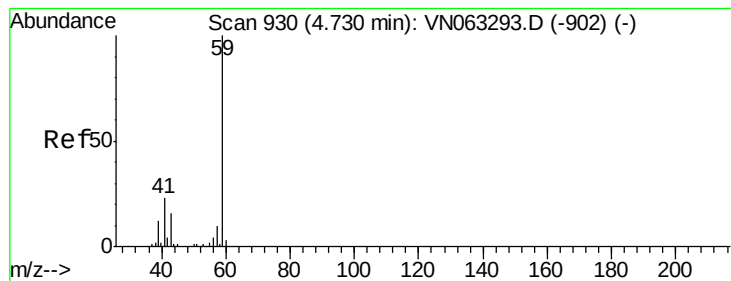


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



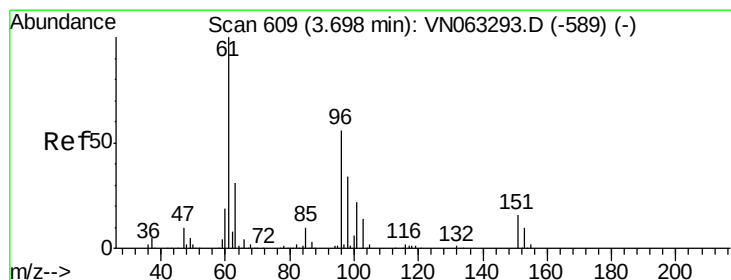
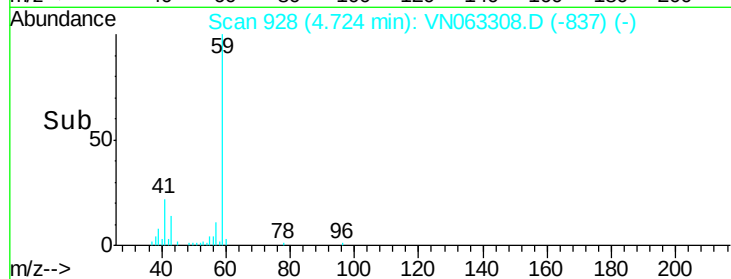
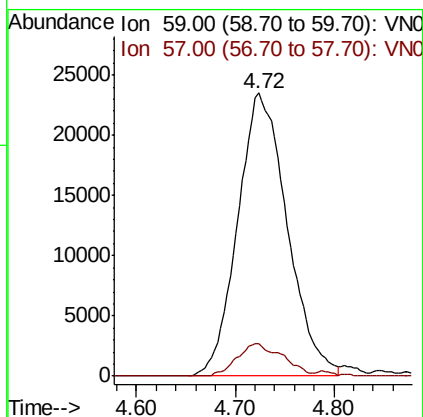
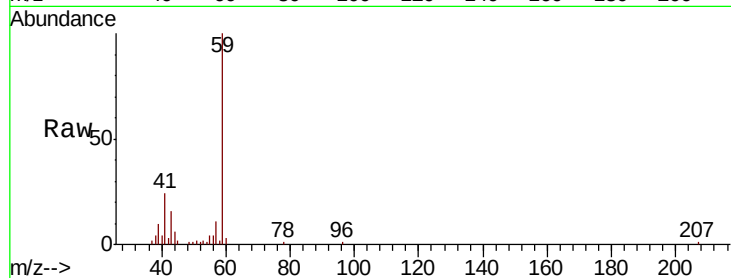


#11

Tert butyl alcohol
Concen: 92.898 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Instrument :
MSVOA_N
ClientSampled :
VN0911WBS01

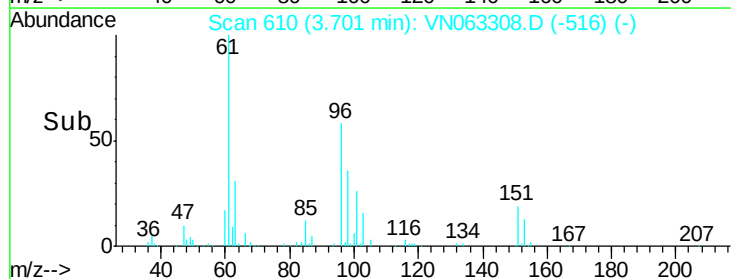
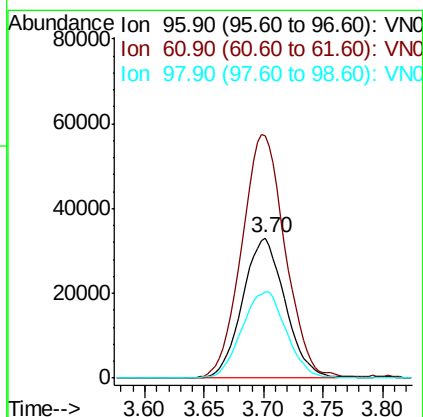
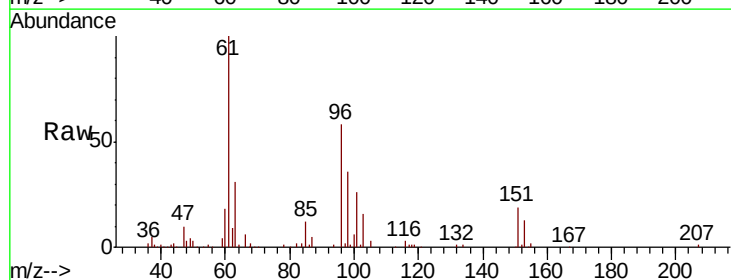
Tot Ion: 59 Resp: 81802
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

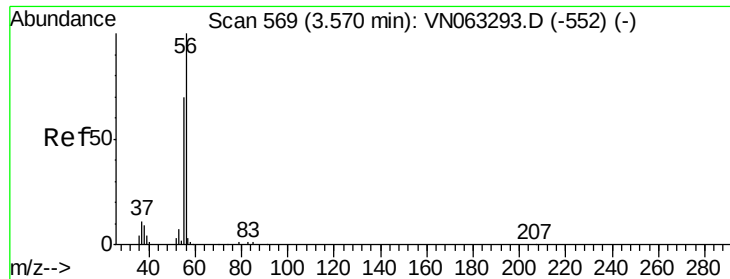


#12

1,1-Dichloroethene
Concen: 17.640 ug/l
RT: 3.70 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion: 96 Resp: 81943
Ion Ratio Lower Upper
96 100
61 172.4 142.1 213.1
98 61.4 48.8 73.2





#13

Acrolein

Concen: 122.915 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

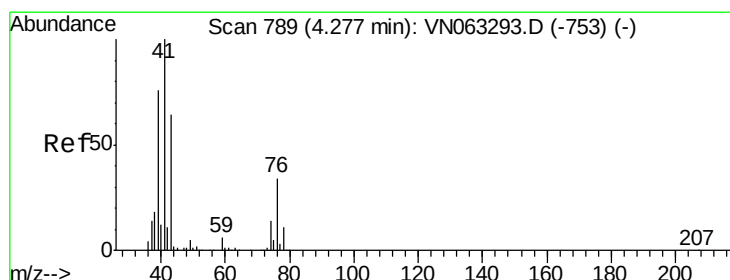
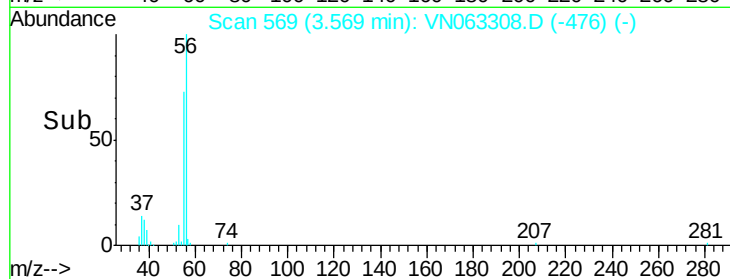
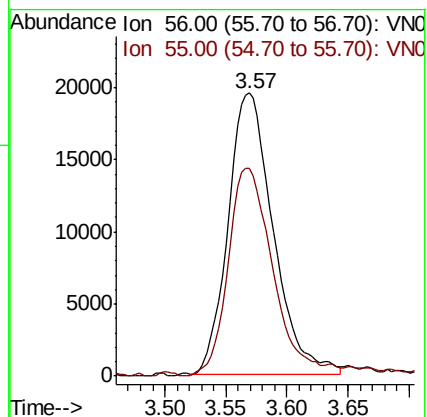
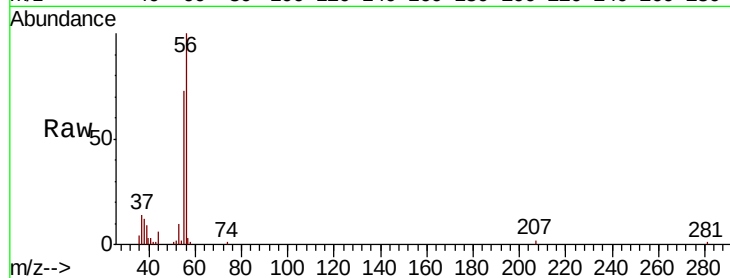
VN0911WBS01

Tot Ion: 56 Resp: 49900

Ion Ratio Lower Upper

56 100

55 73.1 57.2 85.8



#14

Allyl chloride

Concen: 16.034 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

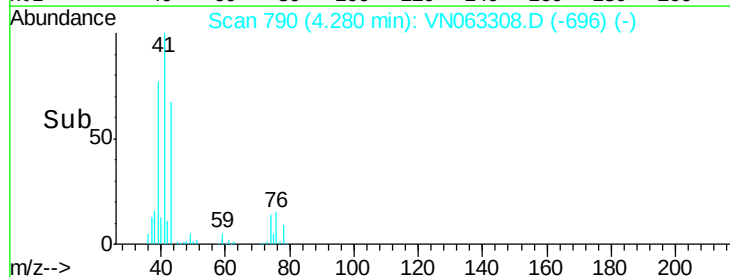
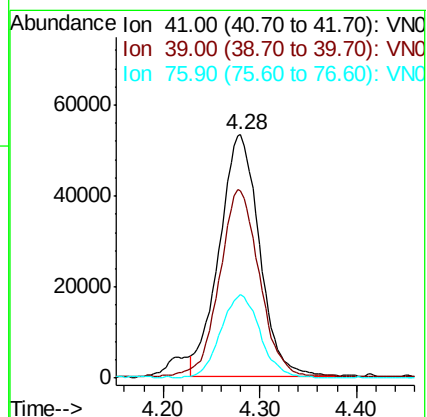
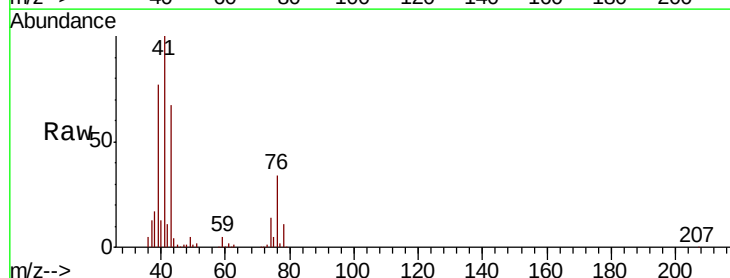
Tgt Ion: 41 Resp: 152902

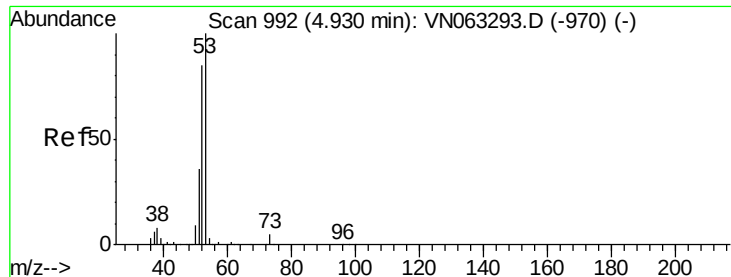
Ion Ratio Lower Upper

41 100

39 75.8 57.4 86.2

76 33.4 25.7 38.5





#15

Acrylonitrile

Concen: 93.424 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

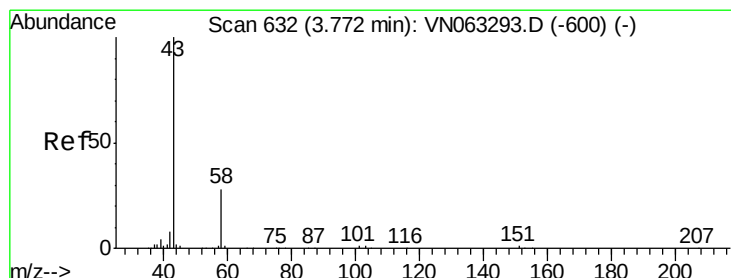
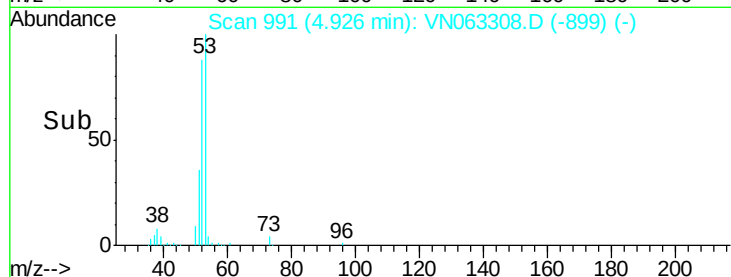
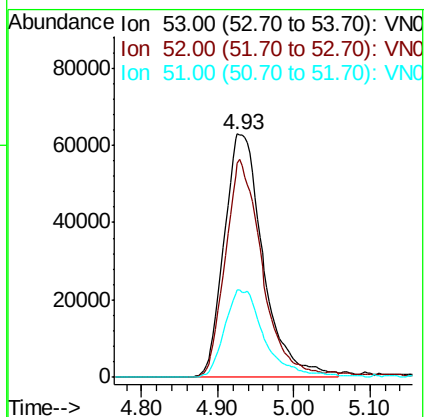
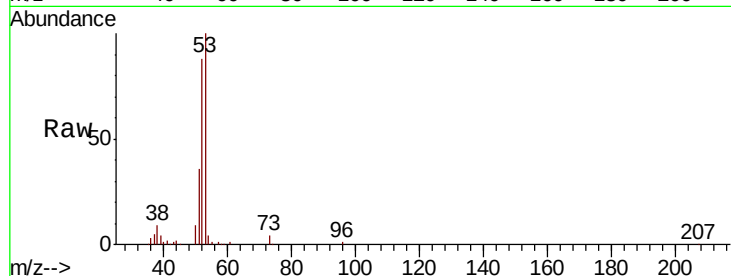
Tot Ion: 53 Resp: 224924

Ion Ratio Lower Upper

53 100

52 84.1 66.5 99.7

51 35.8 29.8 44.6



#16

Acetone

Concen: 86.543 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063308.D

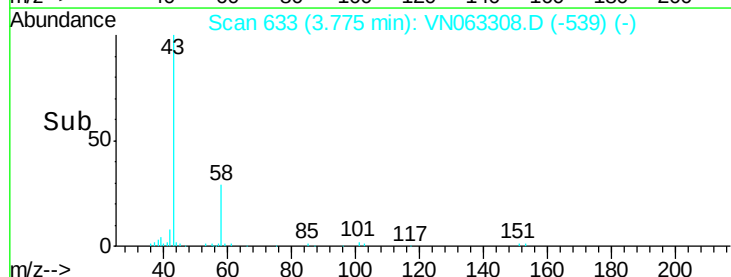
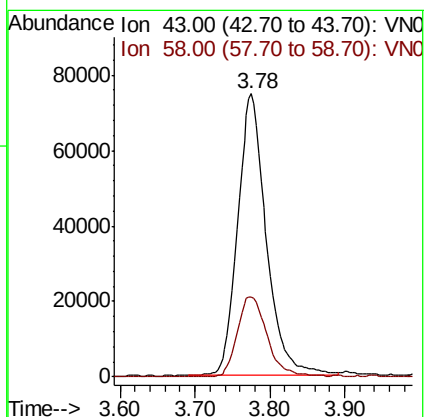
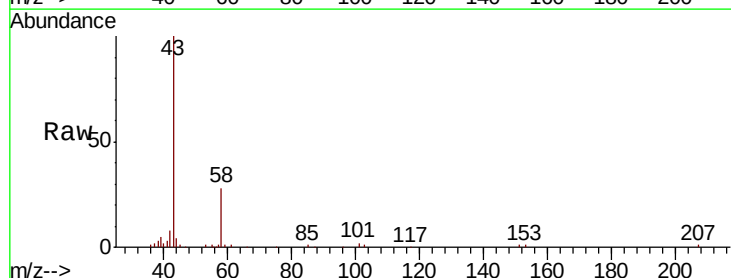
Acq: 11 Sep 2020 12:27

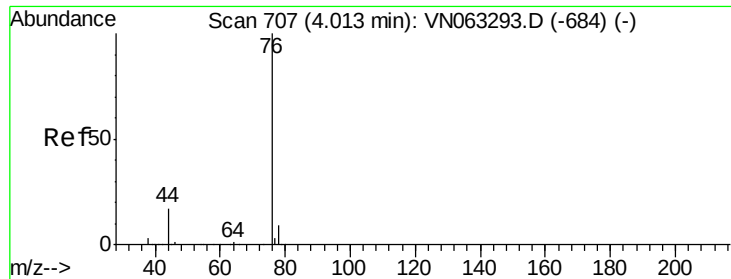
Tgt Ion: 43 Resp: 199027

Ion Ratio Lower Upper

43 100

58 28.5 22.6 34.0





#17

Carbon Disulfide

Concen: 17.401 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

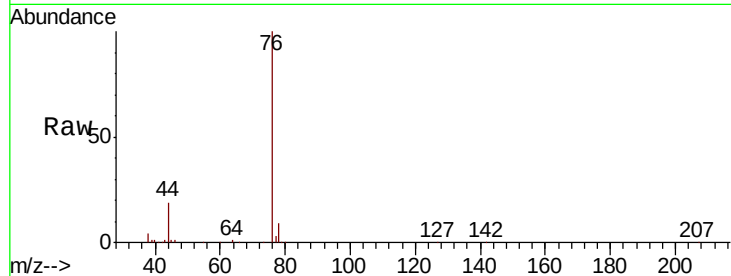
VN0911WBS01

Tot Ion: 76 Resp: 234836

Ion Ratio Lower Upper

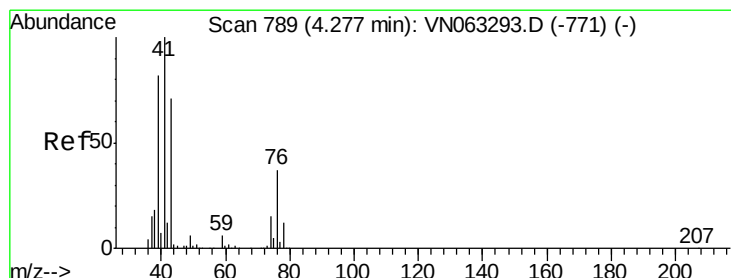
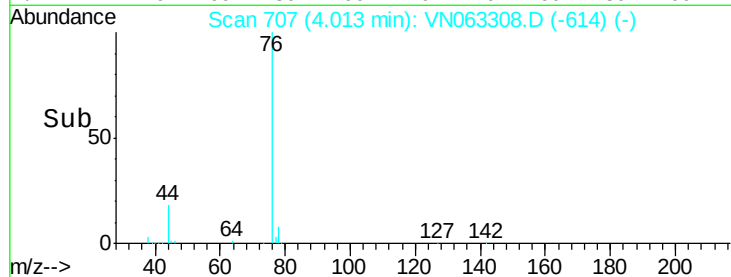
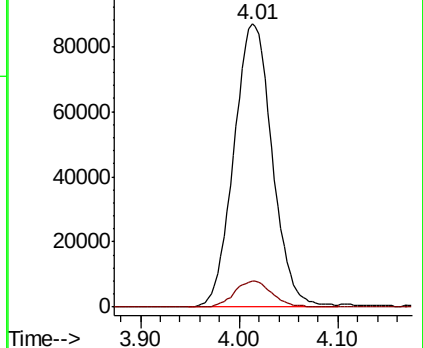
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN063308.D (-614) (-)

Ion 77.90 (77.60 to 78.60): VN063308.D (-614) (-)



#18

Methyl Acetate

Concen: 18.346 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063308.D

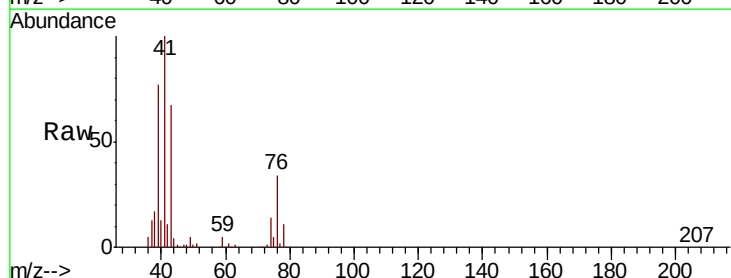
Acq: 11 Sep 2020 12:27

Tgt Ion: 43 Resp: 106062

Ion Ratio Lower Upper

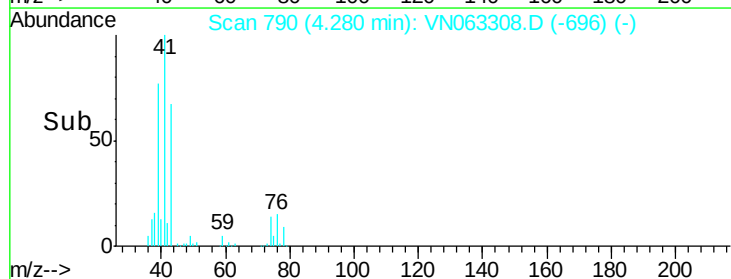
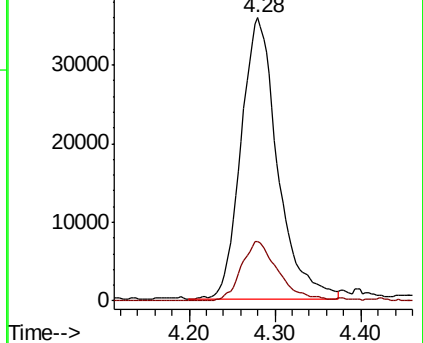
43 100

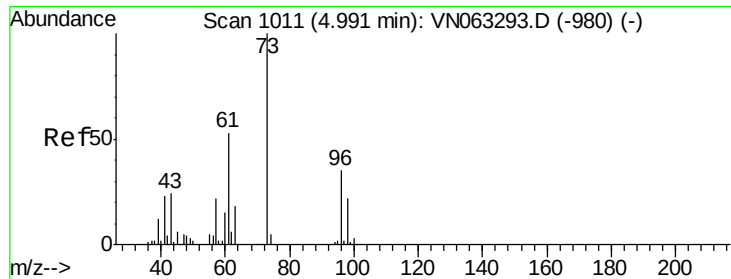
74 21.3 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VN063308.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN063308.D (-696) (-)

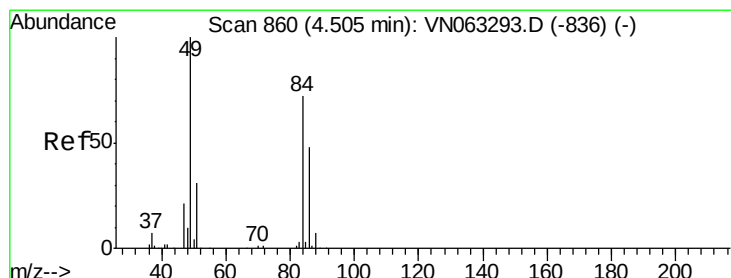
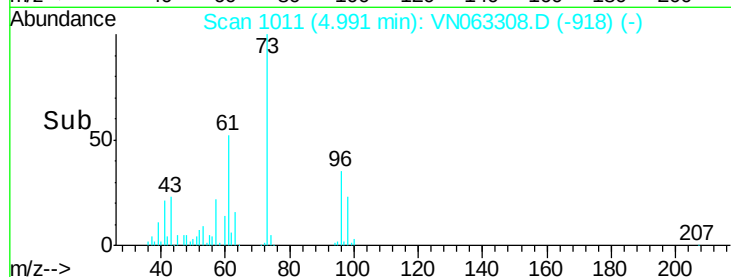
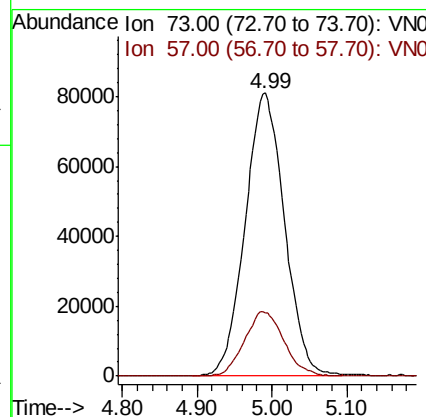
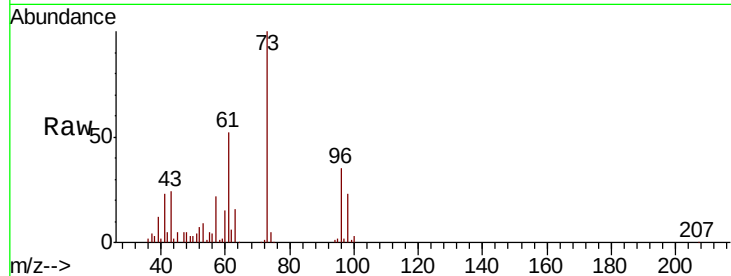




#19
Methvl tert-butvl Ether
Concen: 17.860 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

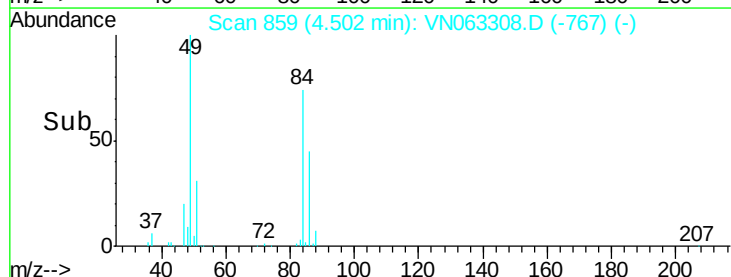
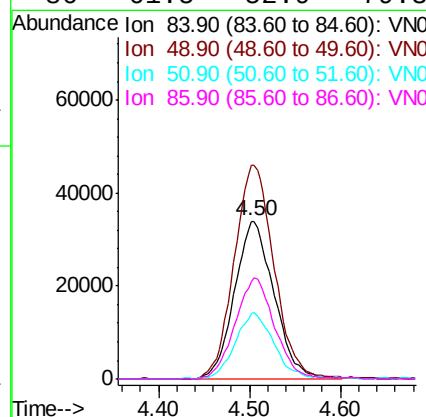
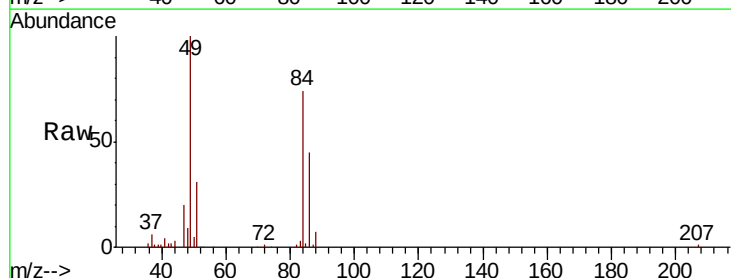
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

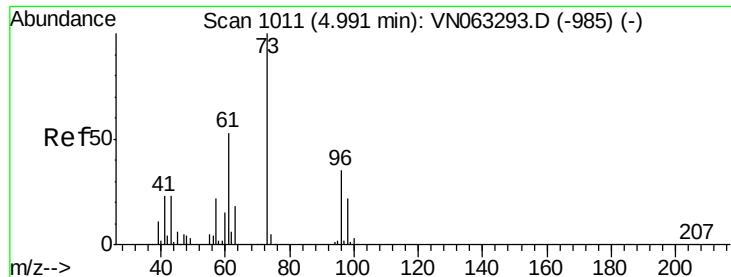
Tot Ion: 73 Resp: 296460
Ion Ratio Lower Upper
73 100
57 22.5 17.5 26.3



#20
Methylene Chloride
Concen: 18.723 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion: 84 Resp: 102204
Ion Ratio Lower Upper
84 100
49 135.2 111.1 166.7
51 41.5 34.3 51.5
86 61.5 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 17.810 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampled :

VN0911WBS01

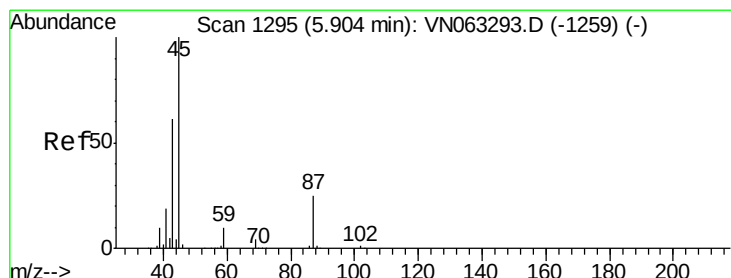
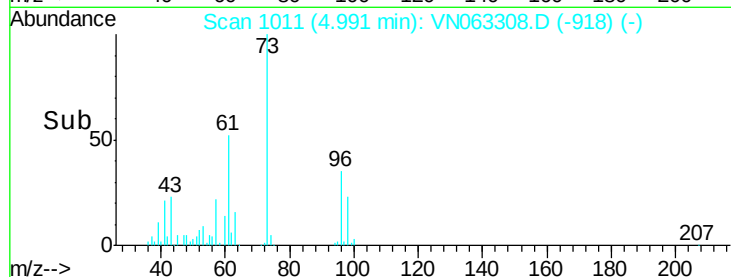
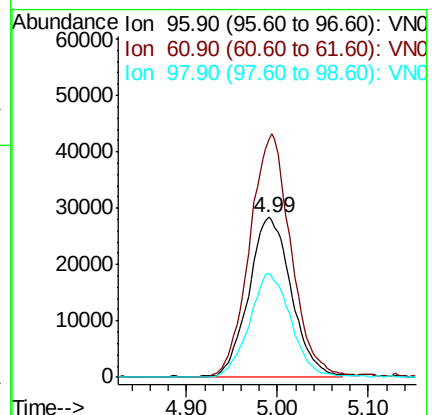
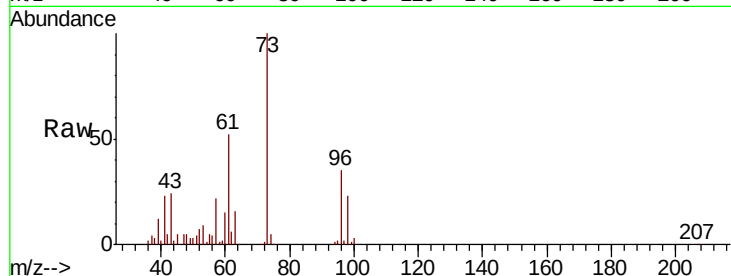
Tot Ion: 96 Resp: 92584

Ion Ratio Lower Upper

96 100

61 149.0 121.8 182.8

98 64.9 51.2 76.8



#22

Diisopropyl ether

Concen: 18.197 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Tgt Ion: 45 Resp: 341482

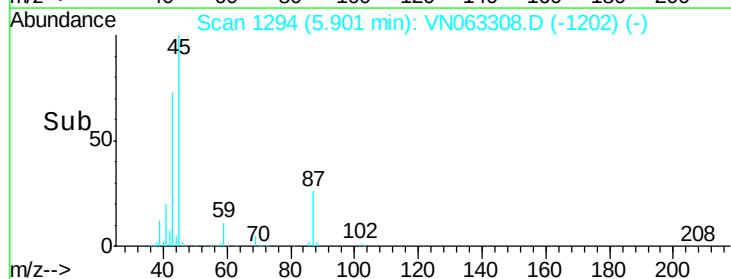
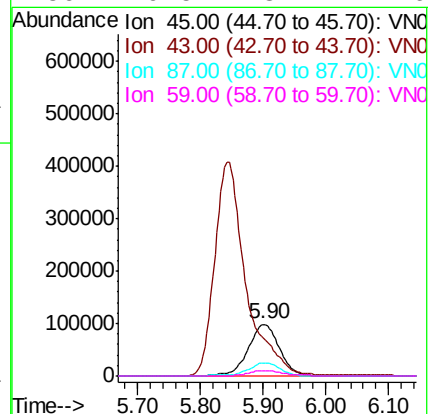
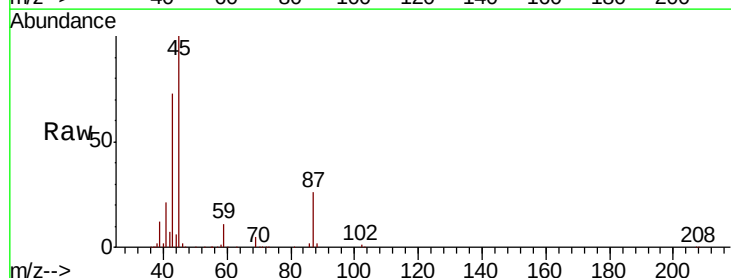
Ion Ratio Lower Upper

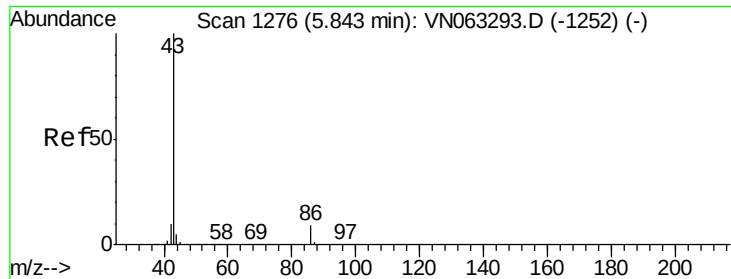
45 100

43 71.1 50.3 75.5

87 25.6 20.7 31.1

59 10.5 8.4 12.6

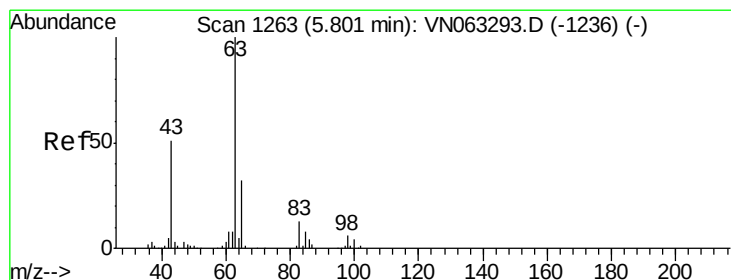
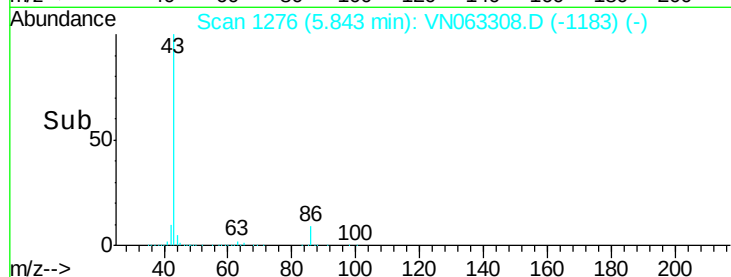
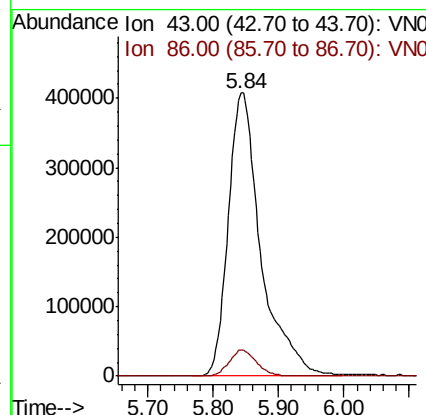
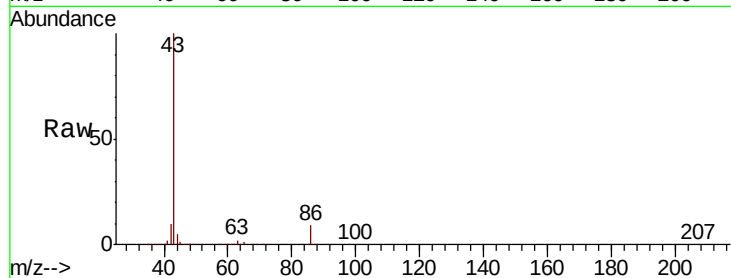




#23
 Vinyl Acetate
 Concen: 95.531 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

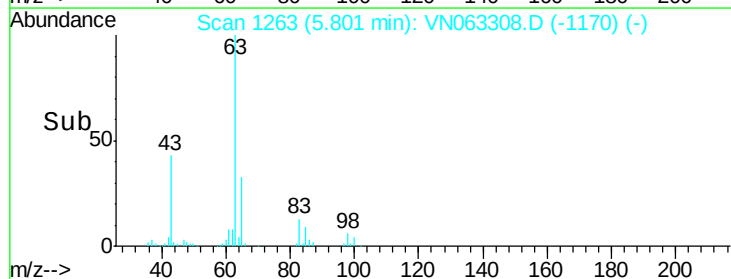
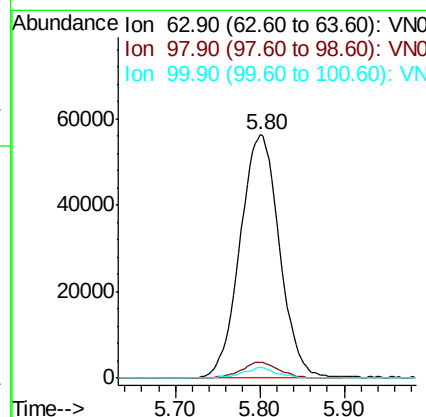
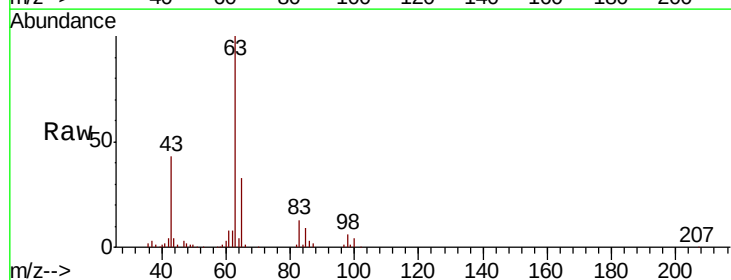
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

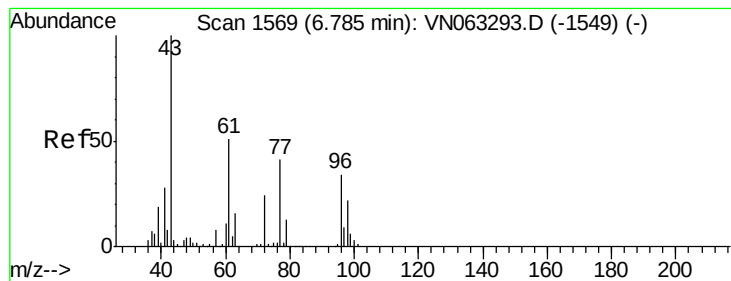
Tot Ion: 43 Resp: 1411136
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 17.973 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion: 63 Resp: 182652
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.3
 100 4.4 2.0 6.0





#25

2-Butanone

Concen: 92.217 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

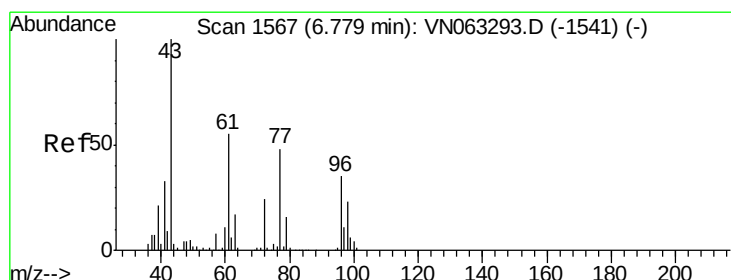
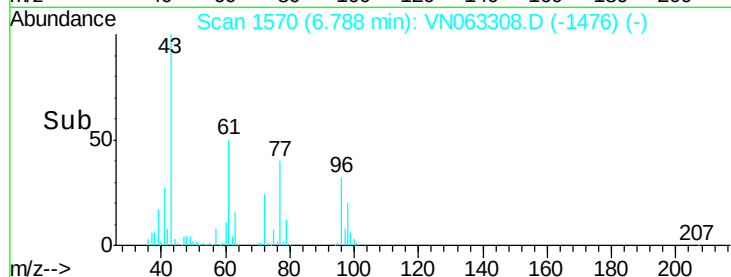
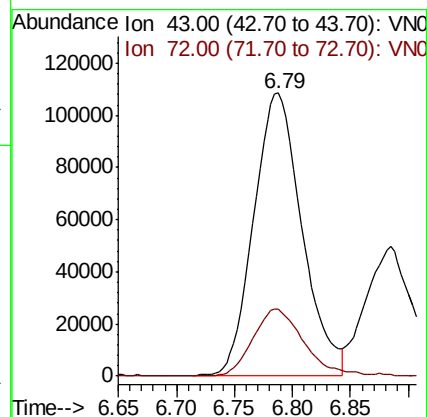
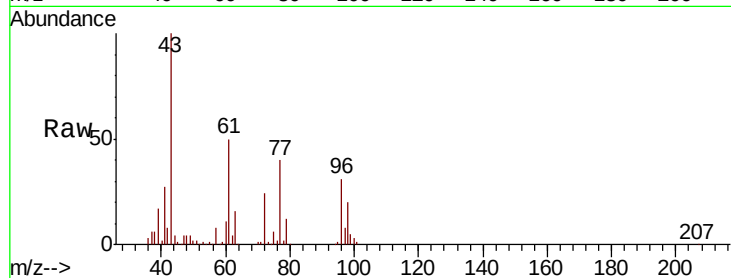
VN0911WBS01

Tot Ion: 43 Resp: 313274

Ion Ratio Lower Upper

43 100

72 23.8 19.4 29.2



#26

2,2-Dichloropropane

Concen: 17.585 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063308.D

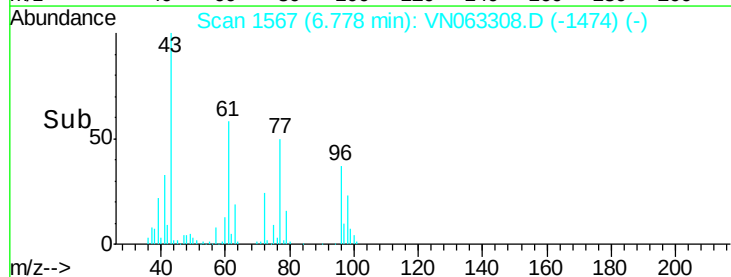
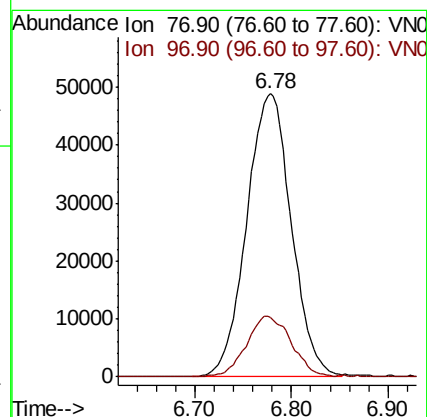
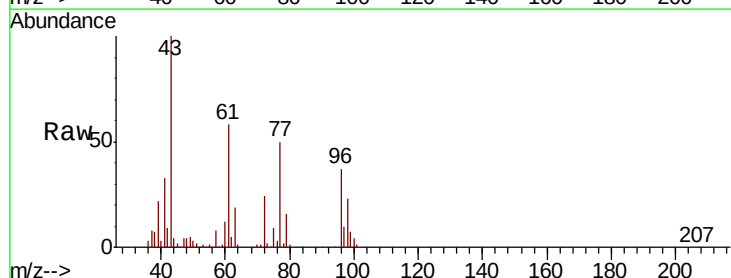
Acq: 11 Sep 2020 12:27

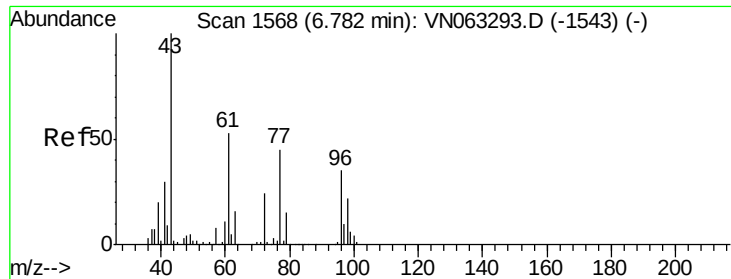
Tgt Ion: 77 Resp: 156636

Ion Ratio Lower Upper

77 100

97 21.5 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 17.727 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

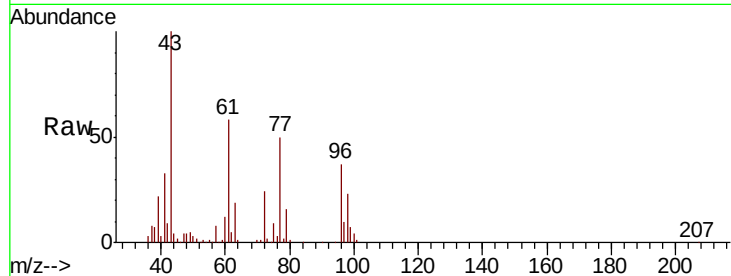
Tot Ion: 96 Resp: 107396

Ion Ratio Lower Upper

96 100

61 158.6 0.0 322.8

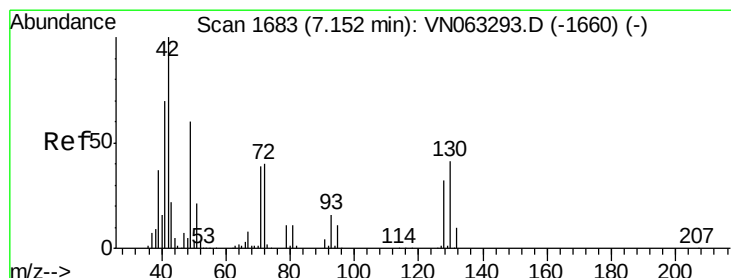
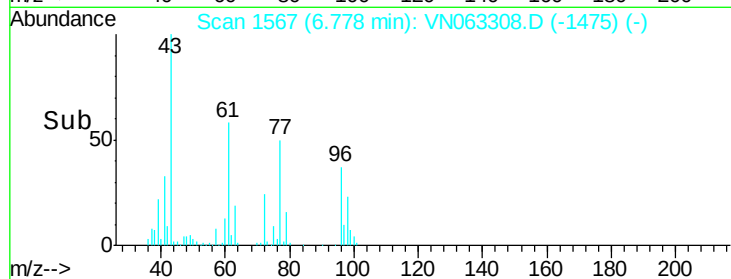
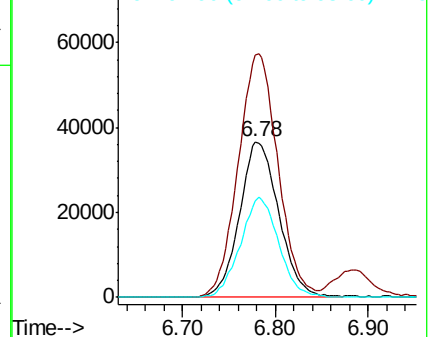
98 62.7 0.0 132.2



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: 18.030 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

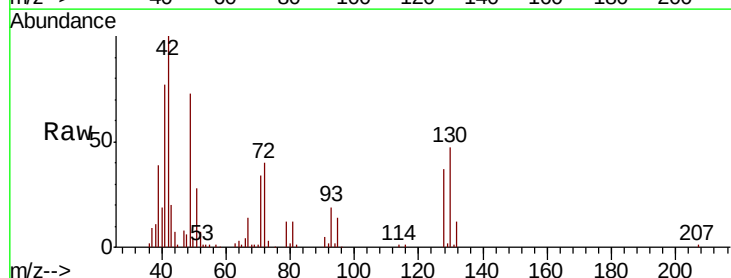
Tgt Ion: 49 Resp: 88852

Ion Ratio Lower Upper

49 100

129 0.7 0.0 3.4

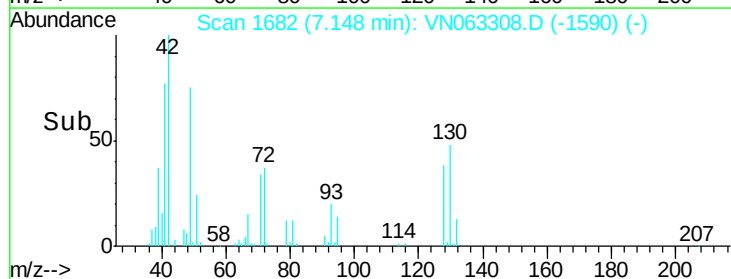
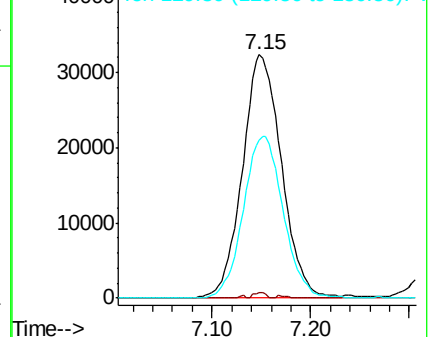
130 67.5 53.1 79.7

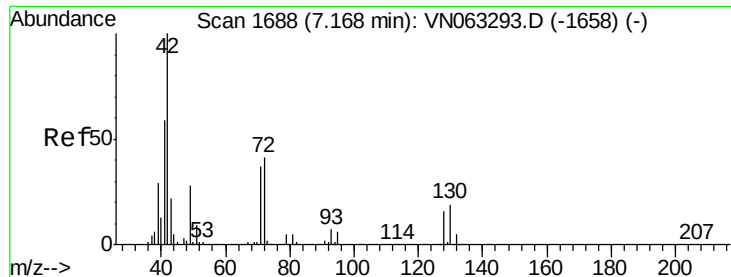


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 95.386 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

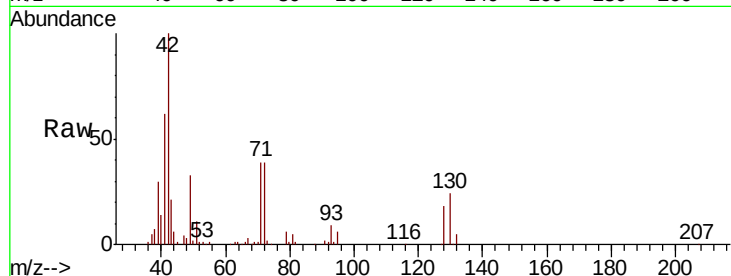
Tot Ion: 42 Resp: 210995

Ion Ratio Lower Upper

42 100

72 39.6 31.4 47.2

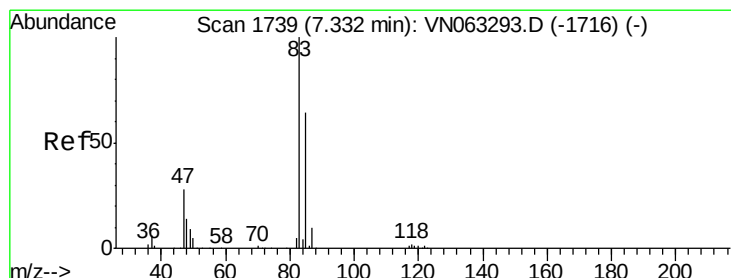
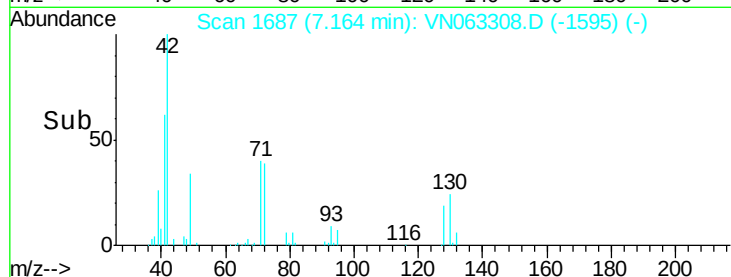
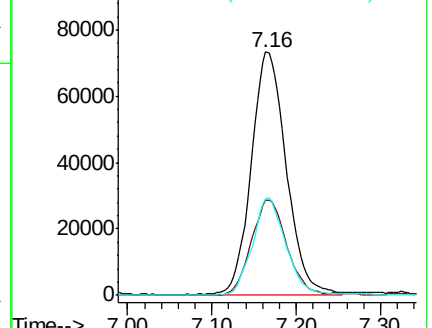
71 38.3 30.0 45.0



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: 18.120 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063308.D

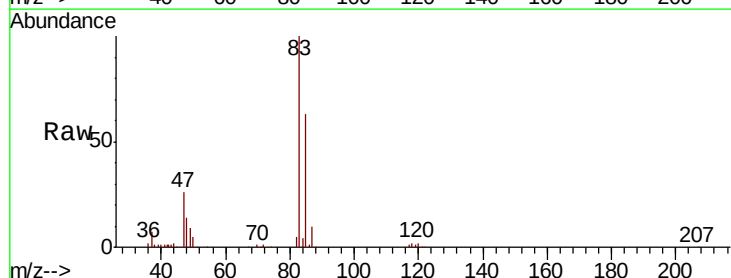
Acq: 11 Sep 2020 12:27

Tgt Ion: 83 Resp: 184384

Ion Ratio Lower Upper

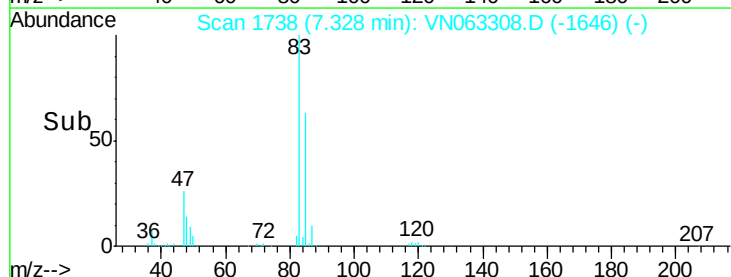
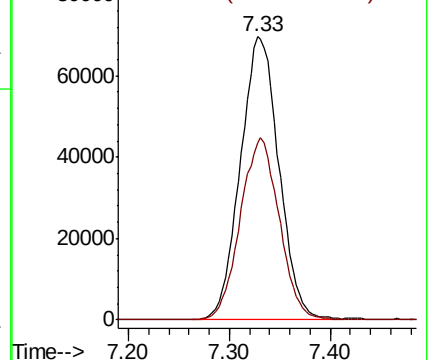
83 100

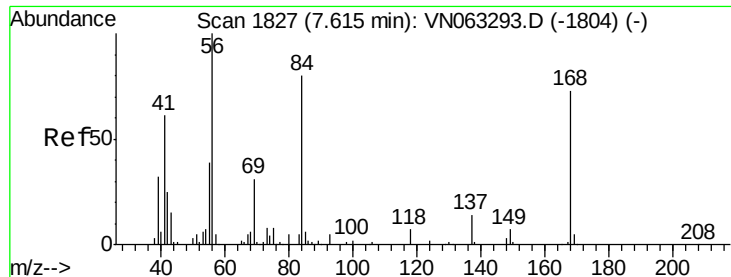
85 62.7 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

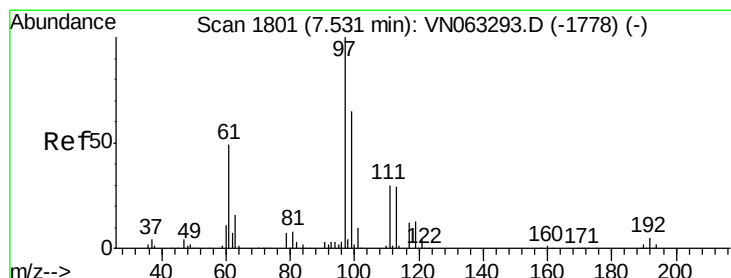
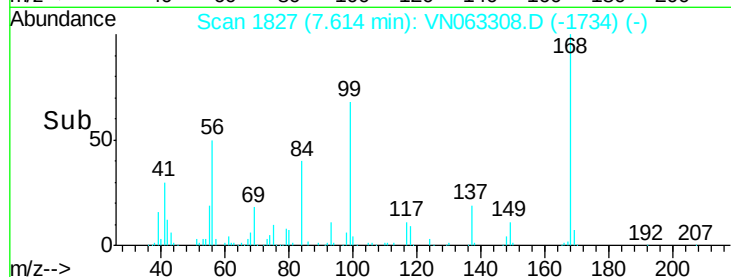
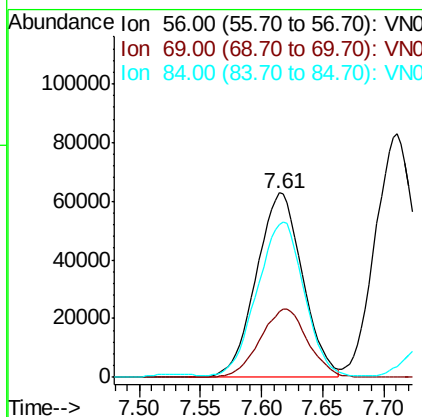
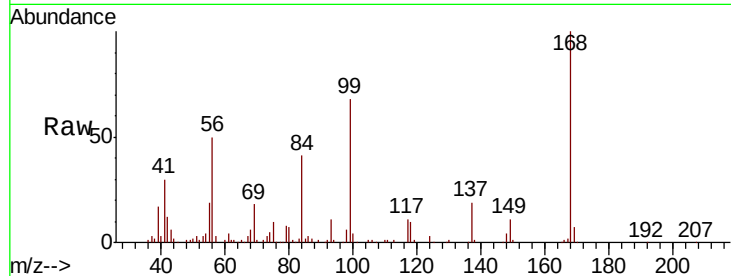




#31
Cyclohexane
Concen: 17.767 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

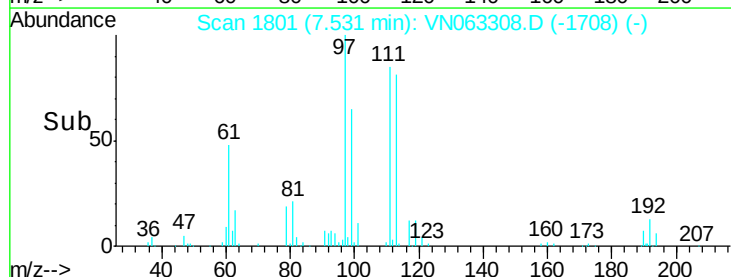
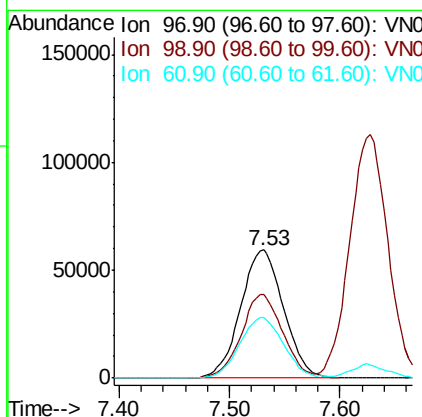
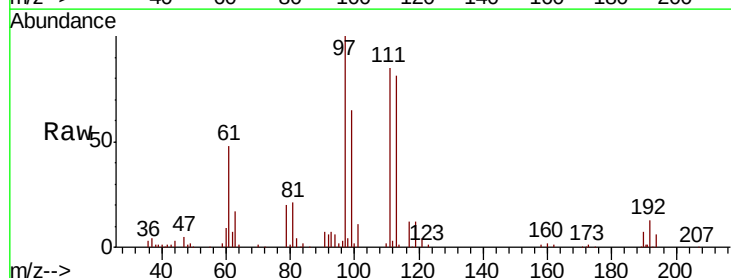
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

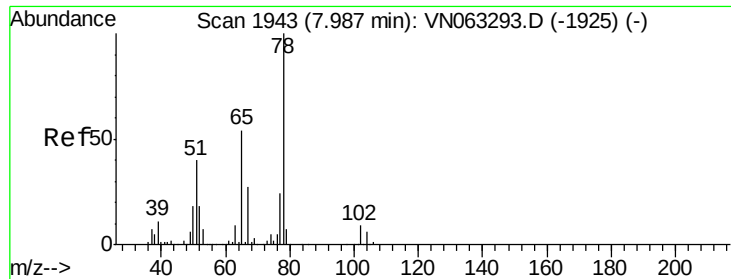
Tot Ion: 56 Resp: 165961
Ion Ratio Lower Upper
56 100
69 35.4 25.1 37.7
84 81.6 64.2 96.2



#32
1,1,1-Trichloroethane
Concen: 18.078 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion: 97 Resp: 160356
Ion Ratio Lower Upper
97 100
99 63.0 51.4 77.2
61 48.5 38.9 58.3

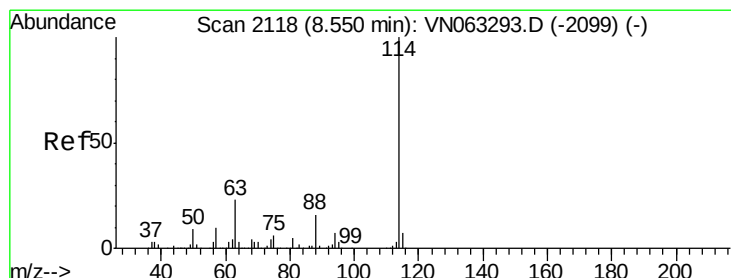
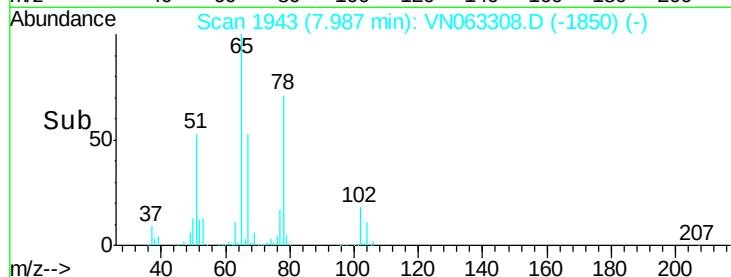
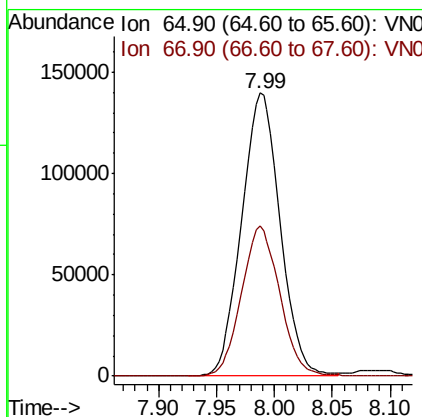
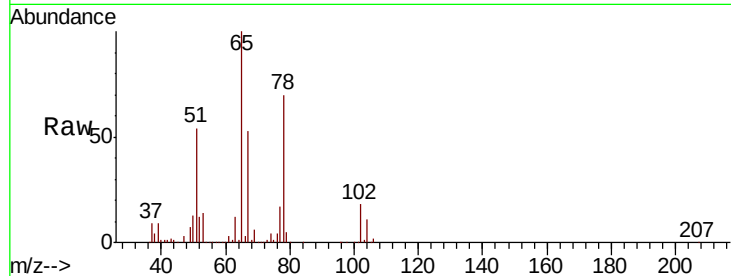




#33
 1,2-Dichloroethane-d4
 Concen: 48.706 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

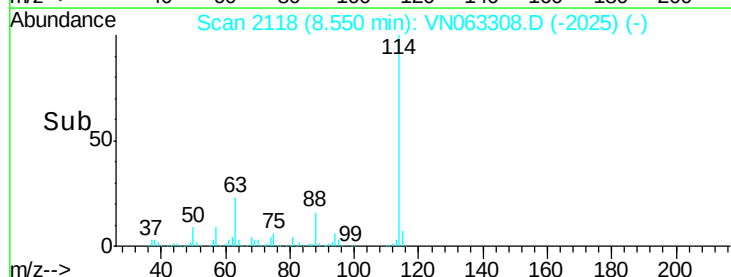
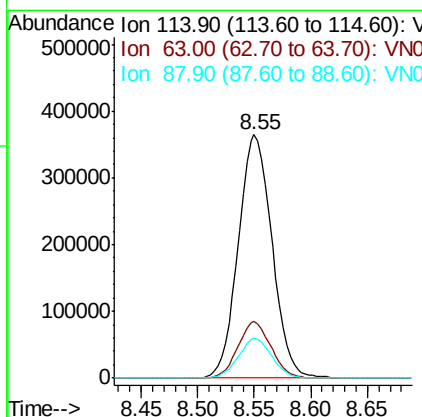
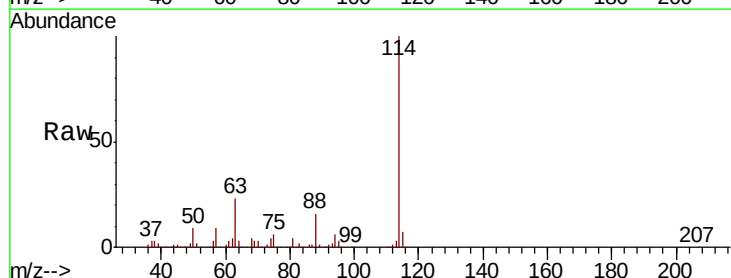
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

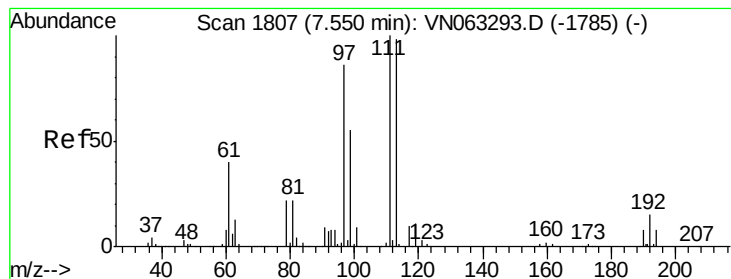
Tot Ion: 65 Resp: 324387
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion: 114 Resp: 758494
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.0
 88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.217 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

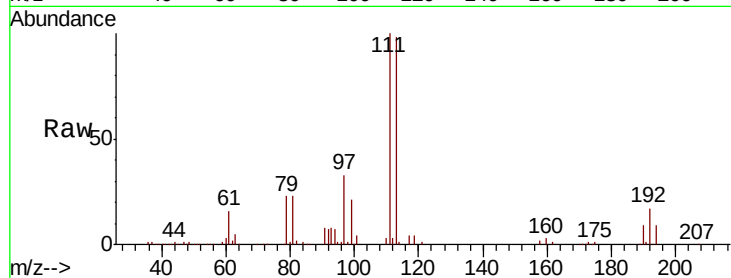
Tot Ion:113 Resp: 235938

Ion Ratio Lower Upper

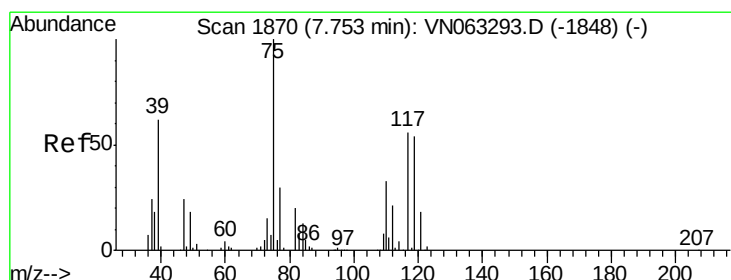
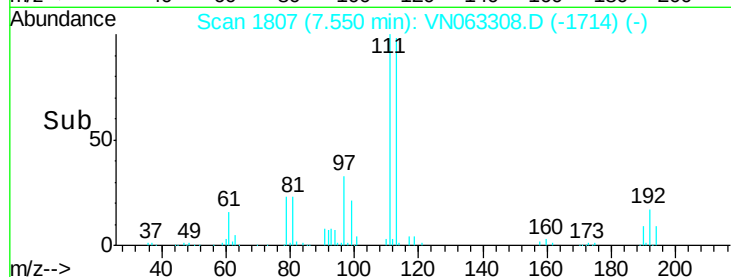
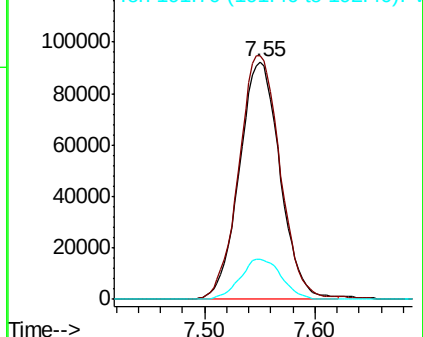
113 100

111 104.5 82.2 123.2

192 17.4 12.9 19.3



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: 17.577 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

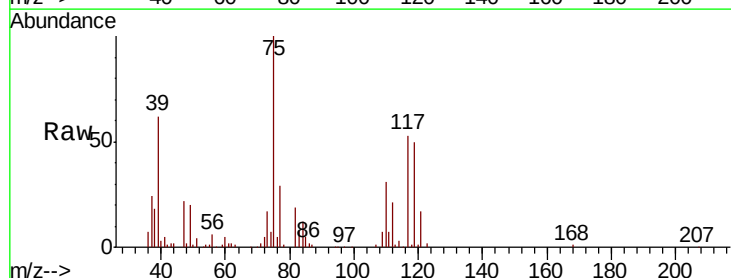
Tgt Ion: 75 Resp: 137038

Ion Ratio Lower Upper

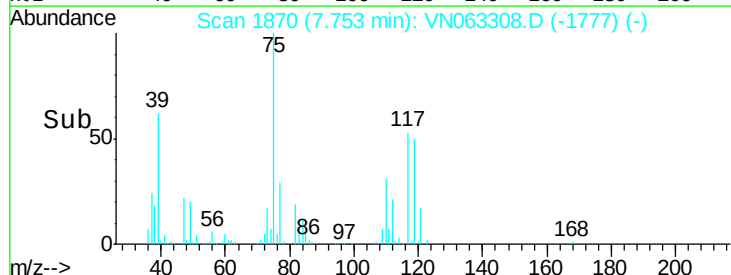
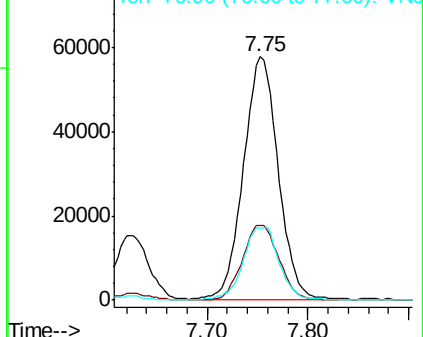
75 100

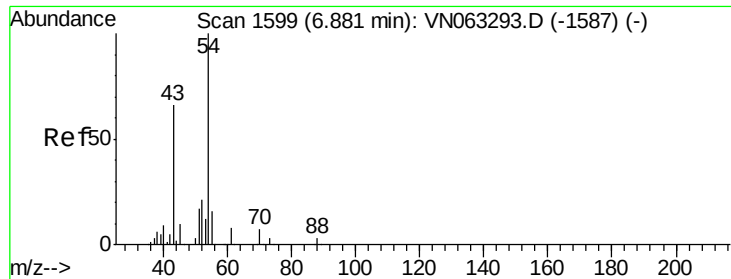
110 32.4 16.4 49.4

77 31.3 24.8 37.2



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

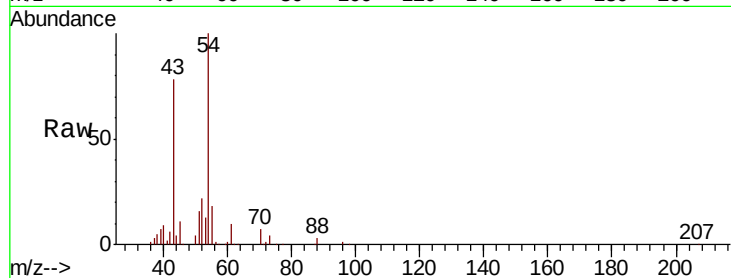




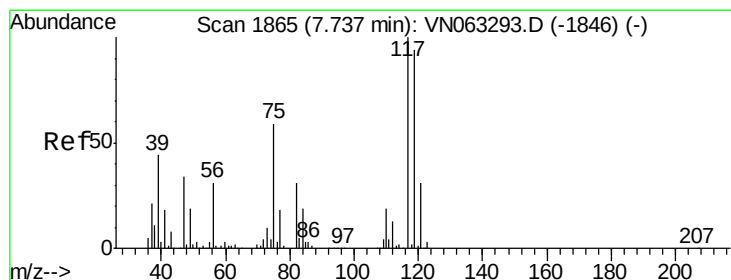
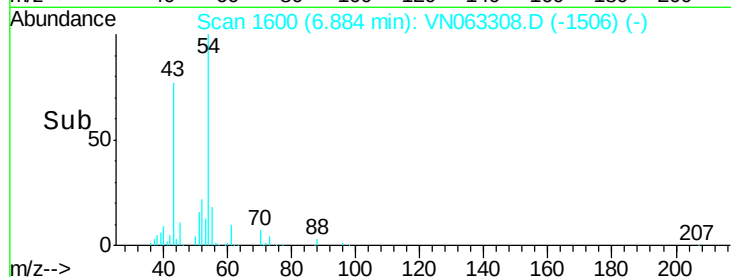
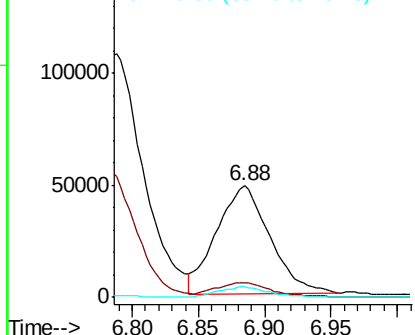
#37
Ethyl Acetate
Concen: 17.615 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Instrument :
MSVOA_N
ClientSampled :
VN0911WBS01

Tot Ion: 43 Resp: 135113
Ion Ratio Lower Upper
43 100
61 12.3 10.1 15.1
70 9.3 7.4 11.2

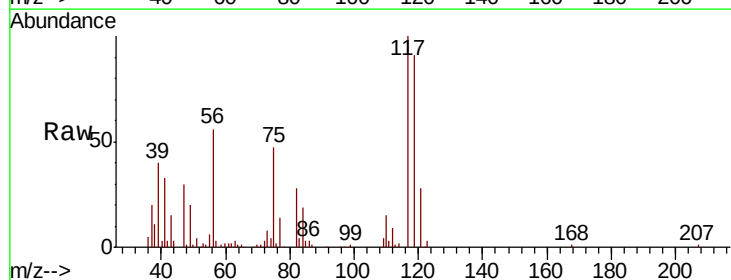


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

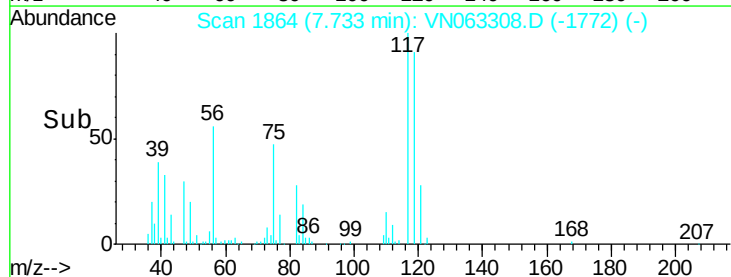
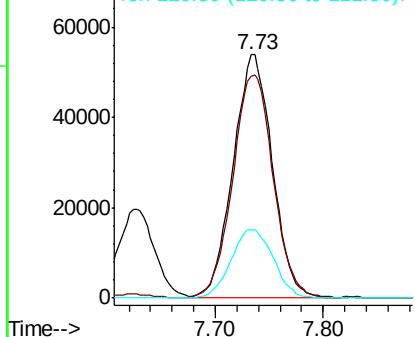


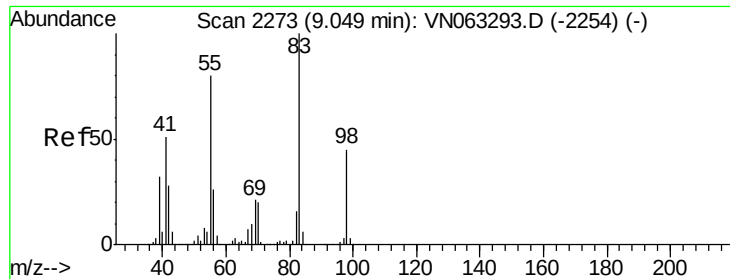
#38
Carbon Tetrachloride
Concen: 17.653 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion: 117 Resp: 135460
Ion Ratio Lower Upper
117 100
119 91.6 75.3 112.9
121 28.3 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

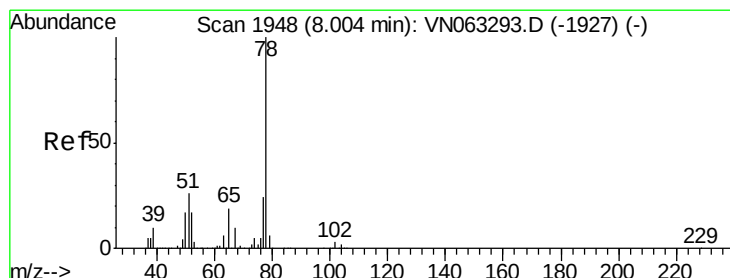
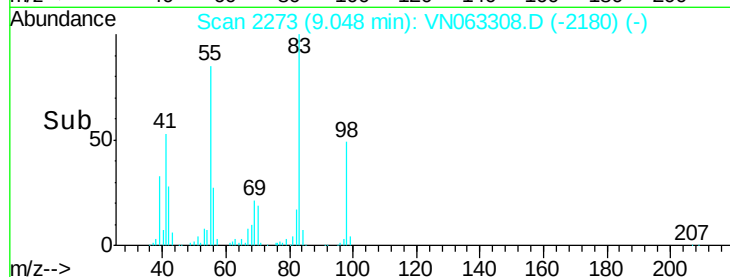
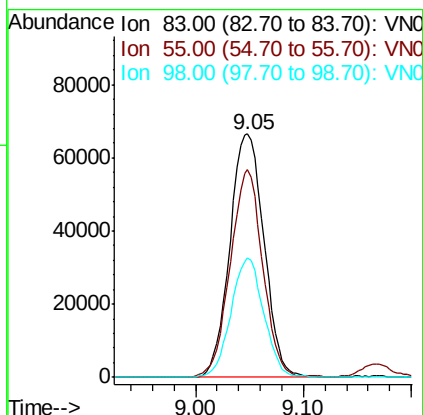
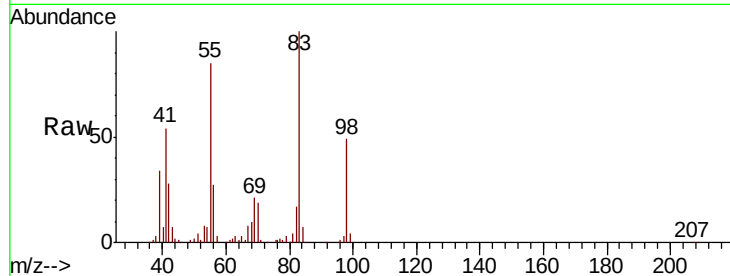




#39
Methylvlcyclohexane
Concen: 17.194 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

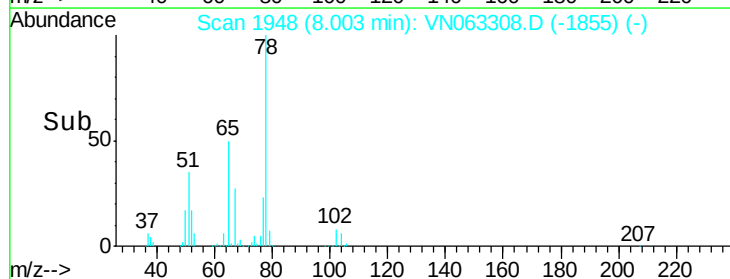
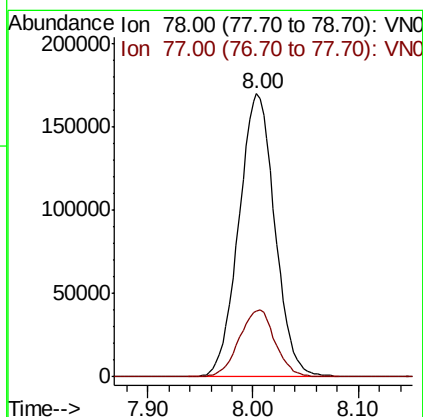
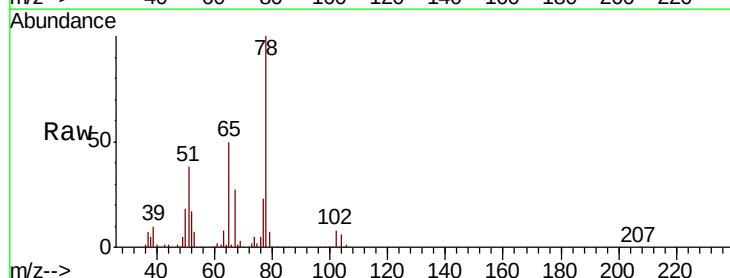
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

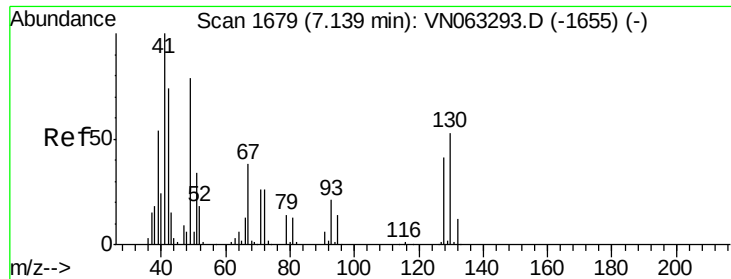
Tot Ion: 83 Resp: 146241
Ion Ratio Lower Upper
83 100
55 85.5 64.0 96.0
98 49.0 36.4 54.6



#40
Benzene
Concen: 18.143 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion: 78 Resp: 404010
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

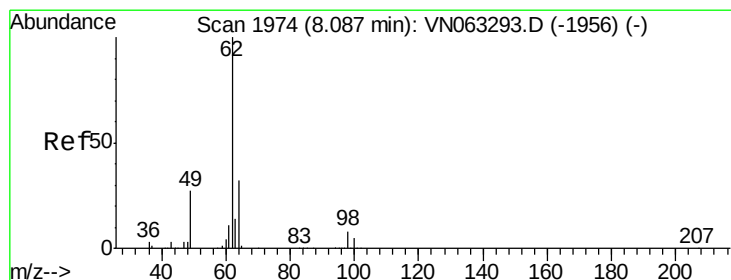
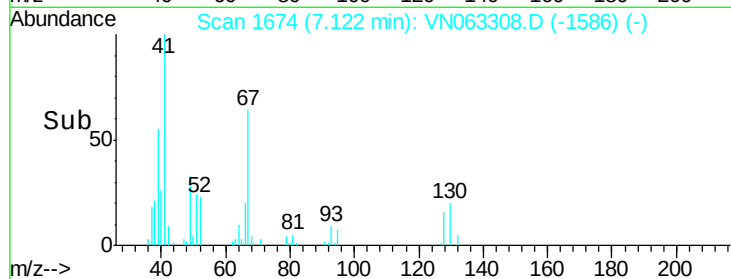
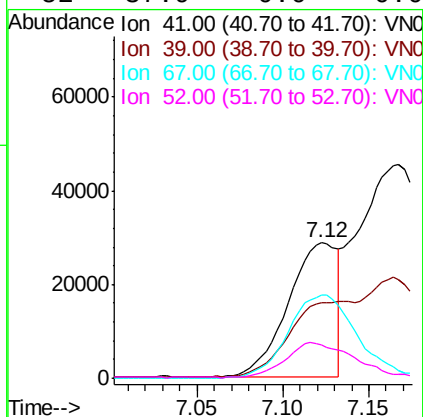
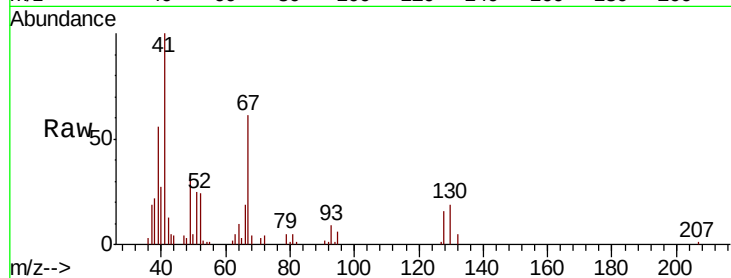




#41
Methacrylonitrile
Concen: 16.584 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.02 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

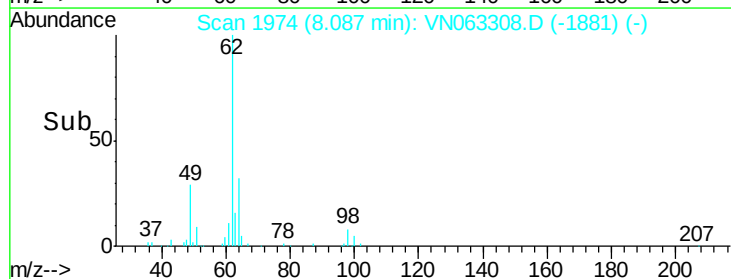
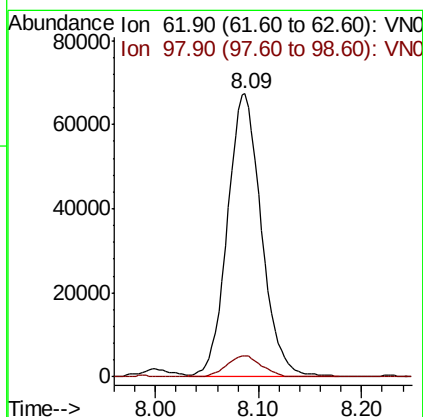
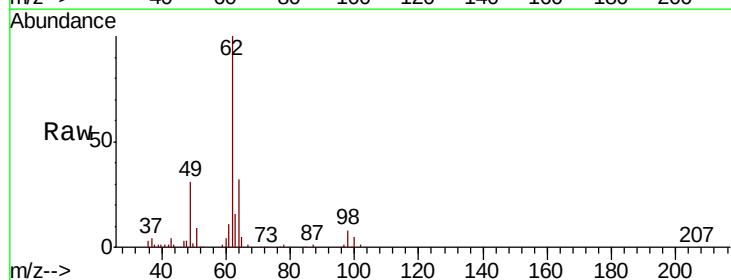
Instrument :
MSVOA_N
ClientSampled :
VN0911WBS01

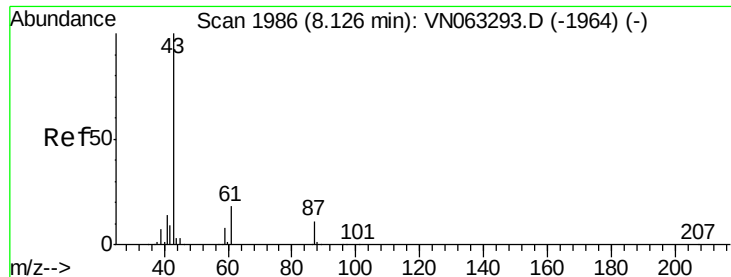
Tot Ion:	41	Resp:	57539
Ion	Ratio	Lower	Upper
41	100		
39	71.2	0.0	0.0#
67	86.6	0.0	0.0#
52	37.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 18.169 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion:	62	Resp:	153507
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.4





#43

Isopropyl Acetate

Concen: 18.677 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampled :

VN0911WBS01

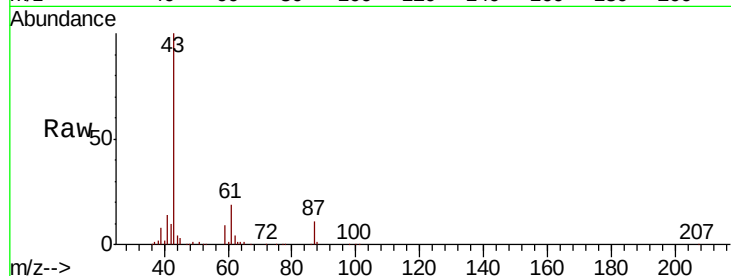
Tot Ion: 43 Resp: 242608

Ion Ratio Lower Upper

43 100

61 19.7 15.1 22.7

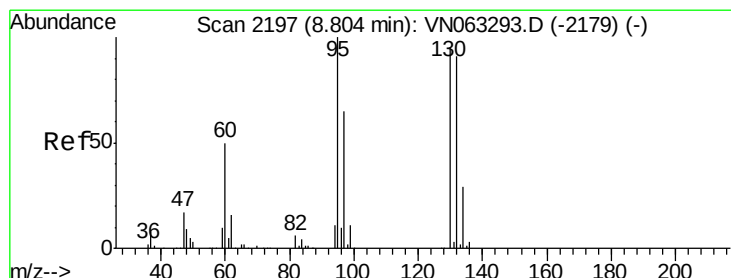
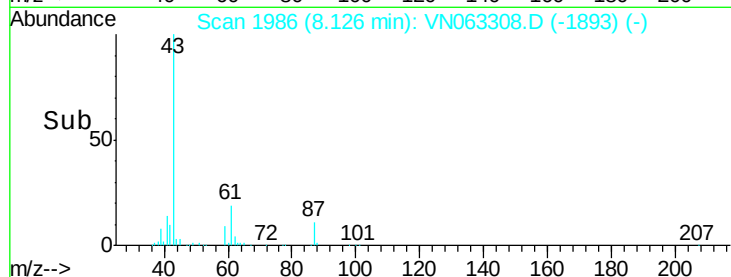
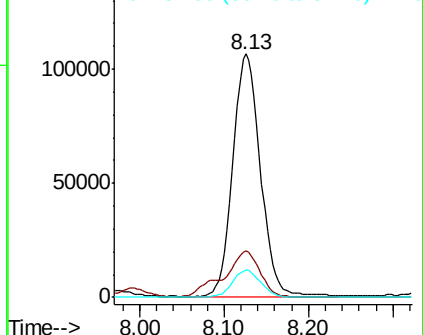
87 11.6 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN063308.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN063308.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN063308.D (-1893) (-)



#44

Trichloroethene

Concen: 18.169 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063308.D

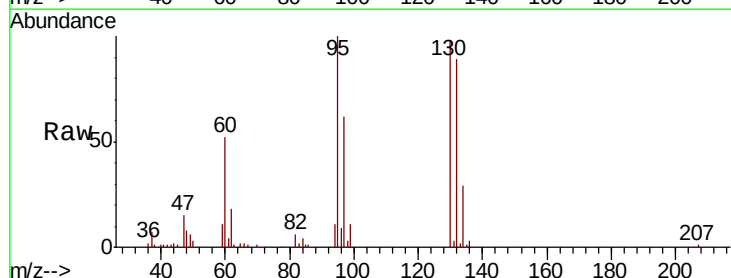
Acq: 11 Sep 2020 12:27

Tgt Ion: 130 Resp: 105809

Ion Ratio Lower Upper

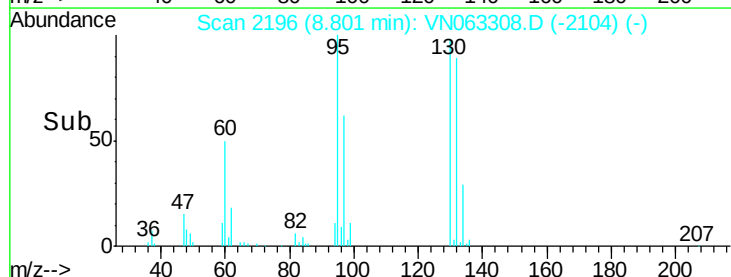
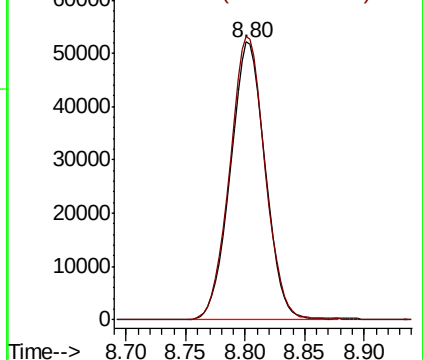
130 100

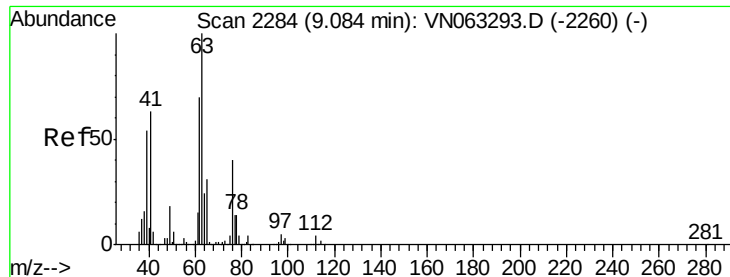
95 101.9 0.0 210.8



Abundance Ion 129.80 (129.50 to 130.50): VN063308.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN063308.D (-2104) (-)

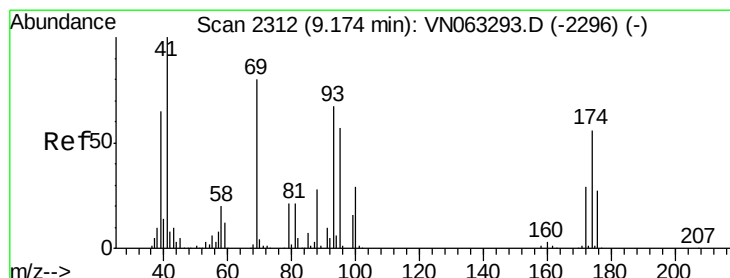
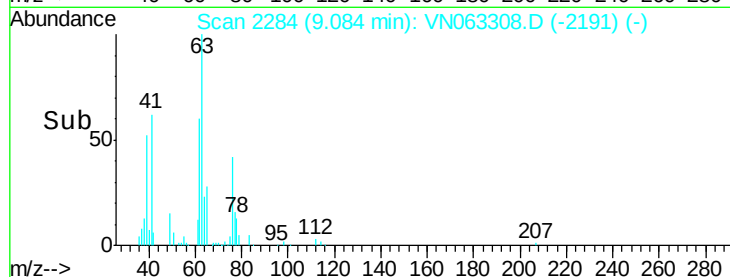
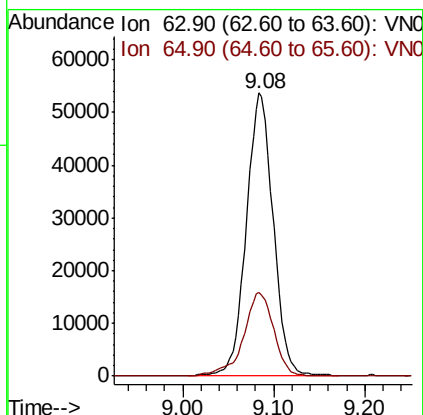
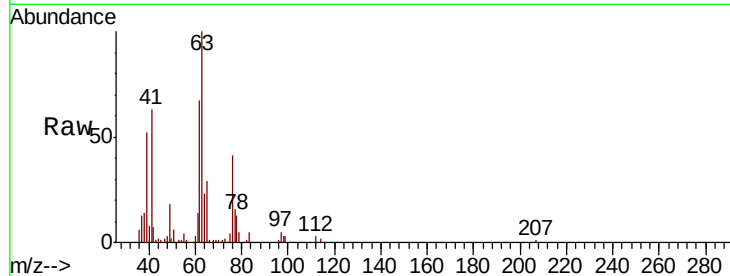




#45
 1,2-Dichloropropane
 Concen: 18.088 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

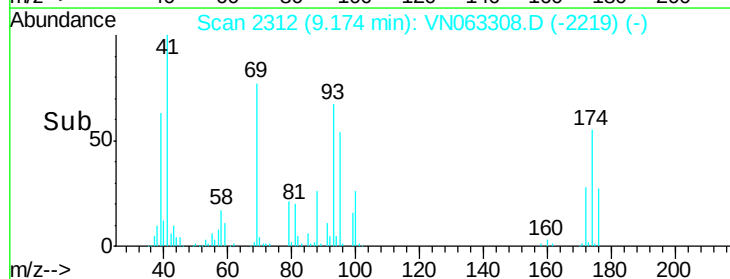
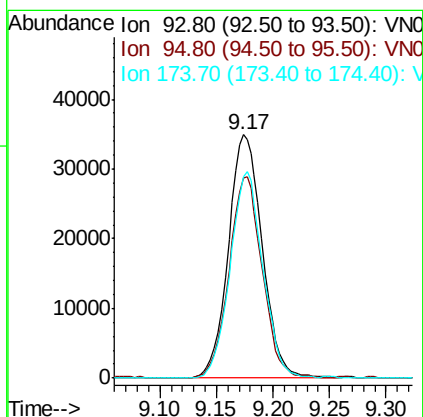
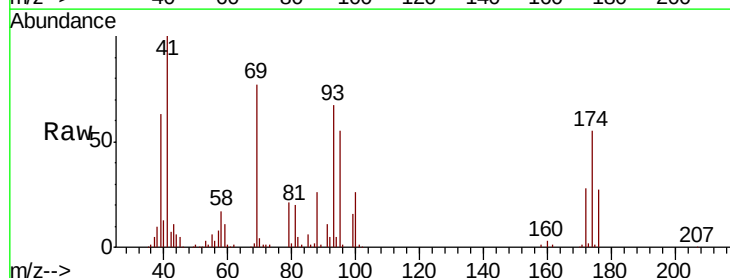
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

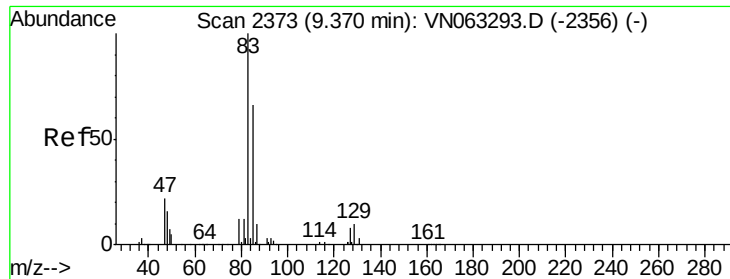
Tot Ion: 63 Resp: 110480
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.6 36.8



#46
 Dibromomethane
 Concen: 18.356 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion: 93 Resp: 72706
 Ion Ratio Lower Upper
 93 100
 95 80.9 67.9 101.9
 174 81.9 66.9 100.3





#47

Bromodichloromethane

Concen: 17.562 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

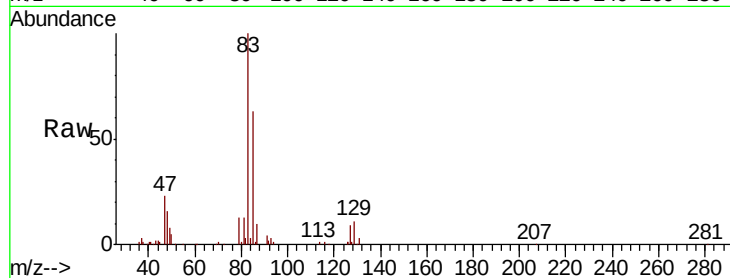
Tot Ion: 83 Resp: 144959

Ion Ratio Lower Upper

83 100

85 62.9 52.5 78.7

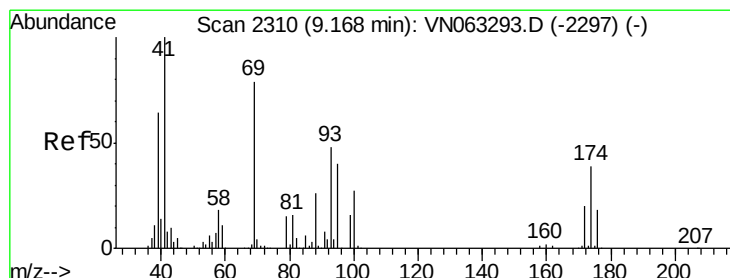
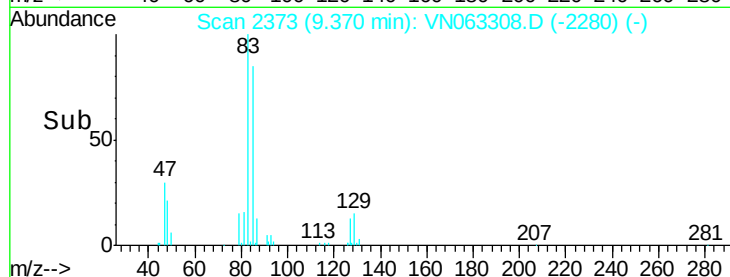
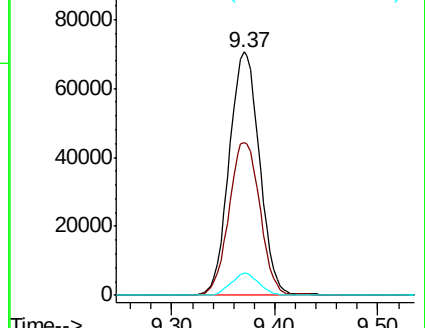
127 9.3 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 18.192 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

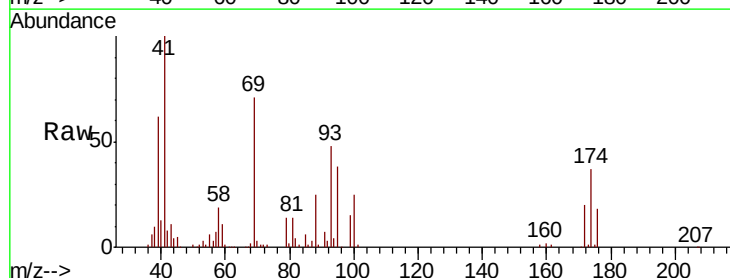
Tgt Ion: 41 Resp: 112753

Ion Ratio Lower Upper

41 100

69 77.0 63.6 95.4

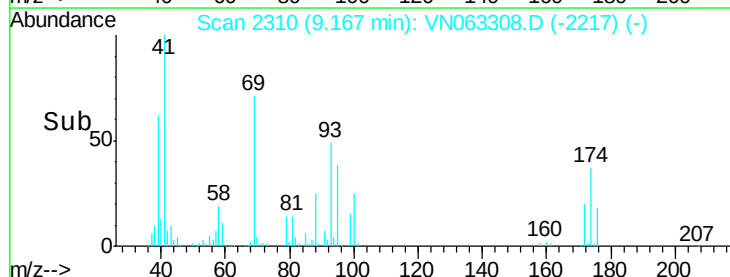
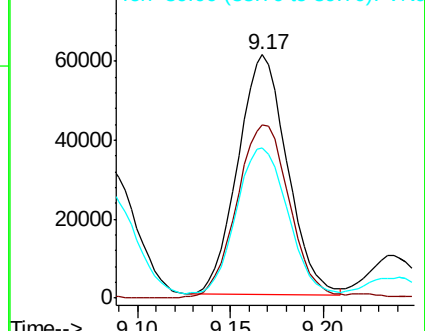
39 66.2 53.2 79.8

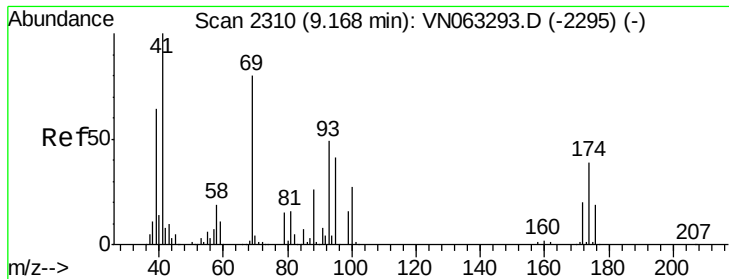


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

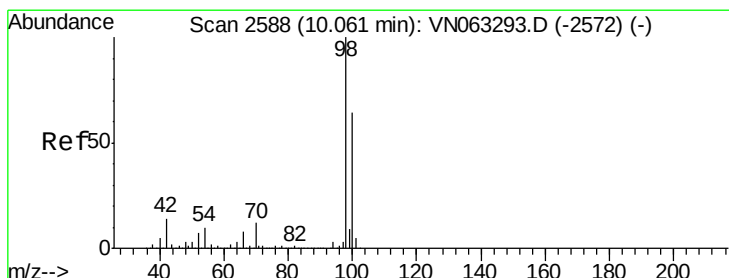
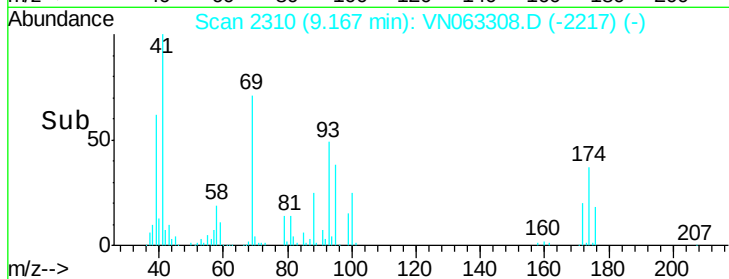
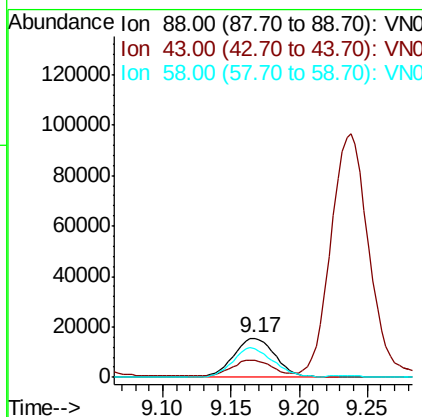
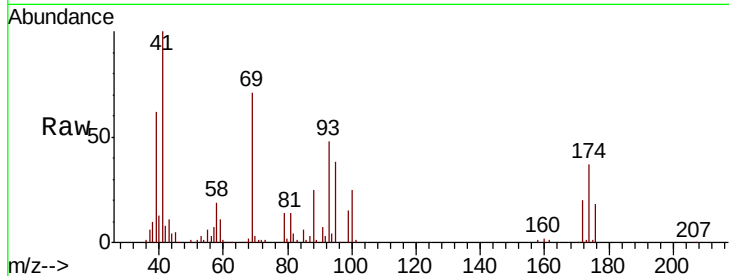




#49
 1,4-Dioxane
 Concen: 344.124 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

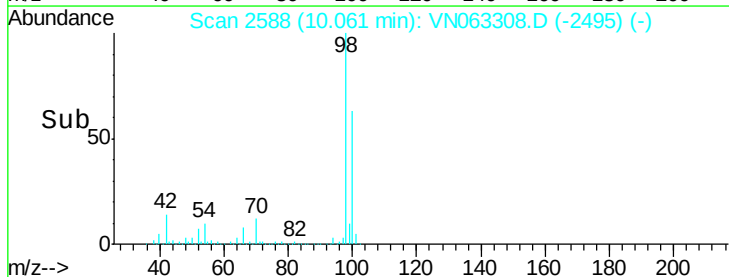
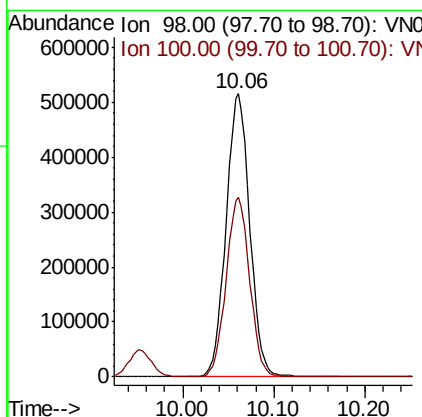
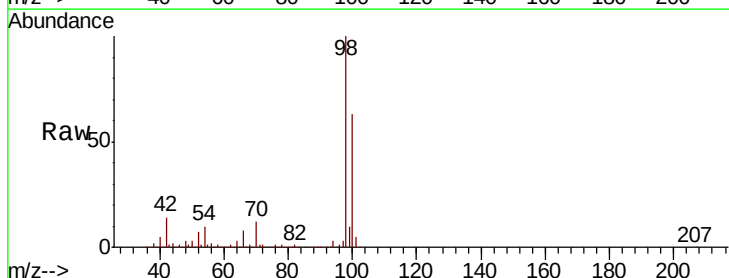
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

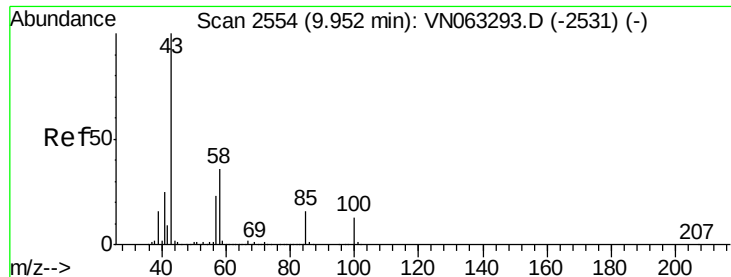
Tot Ion: 88 Resp: 33023
 Ion Ratio Lower Upper
 88 100
 43 38.7 30.5 45.7
 58 73.4 58.9 88.3



#50
 Toluene-d8
 Concen: 49.661 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion: 98 Resp: 931257
 Ion Ratio Lower Upper
 98 100
 100 62.9 50.7 76.1

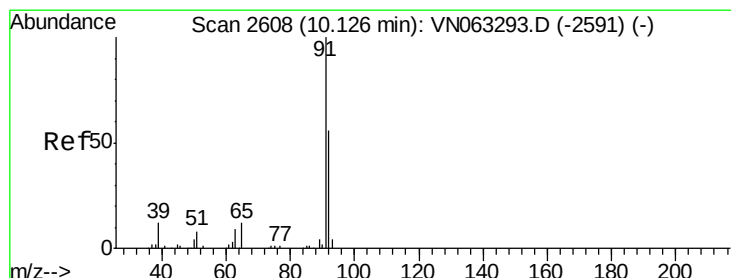
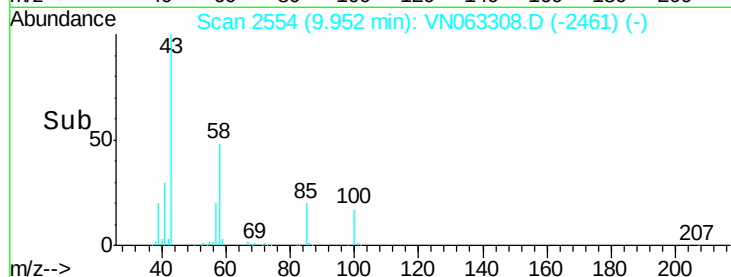
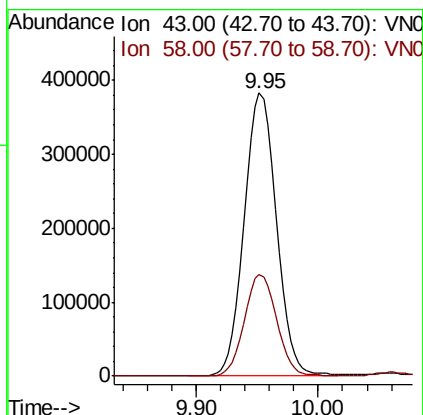
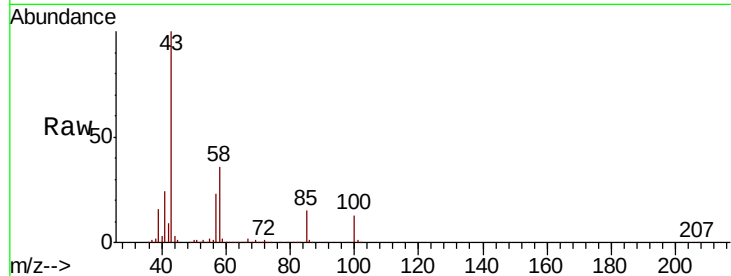




#51
 4-Methyl-2-Pentanone
 Concen: 97.085 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

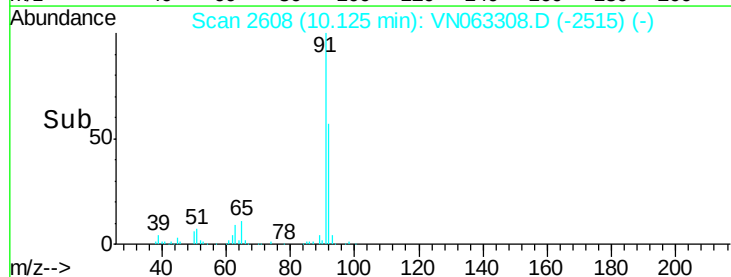
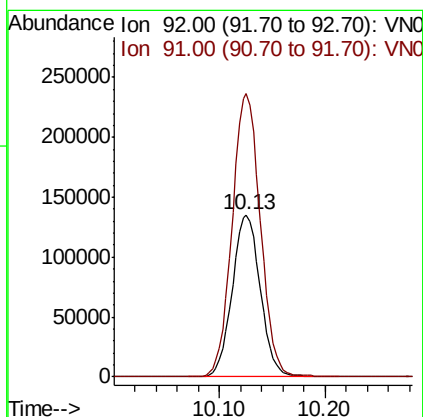
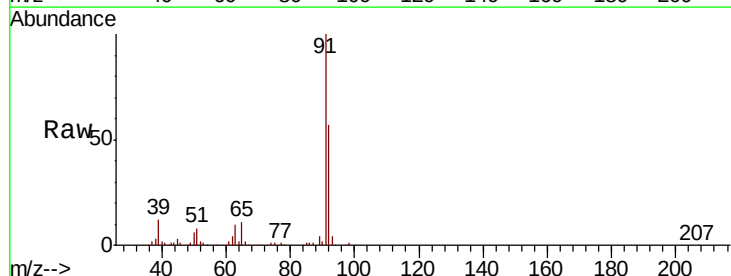
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

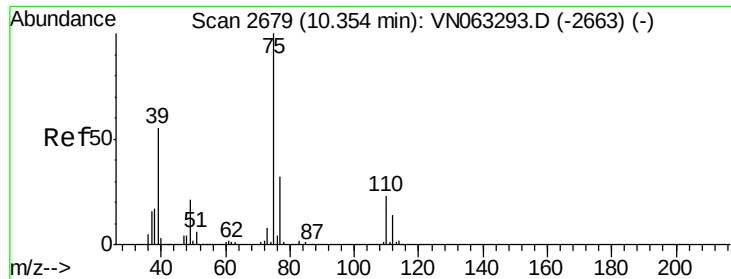
Tot Ion: 43 Resp: 694986
 Ion Ratio Lower Upper
 43 100
 58 36.1 29.0 43.4



#52
 Toluene
 Concen: 18.358 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion: 92 Resp: 249590
 Ion Ratio Lower Upper
 92 100
 91 175.3 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 17.745 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampled :

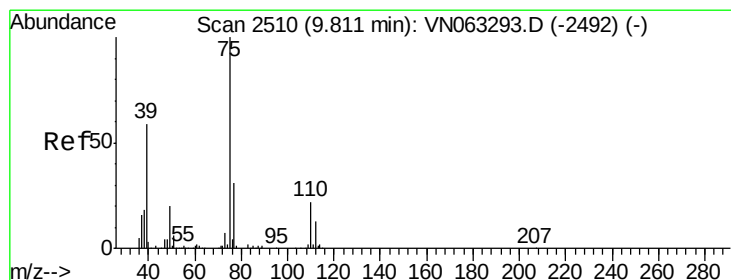
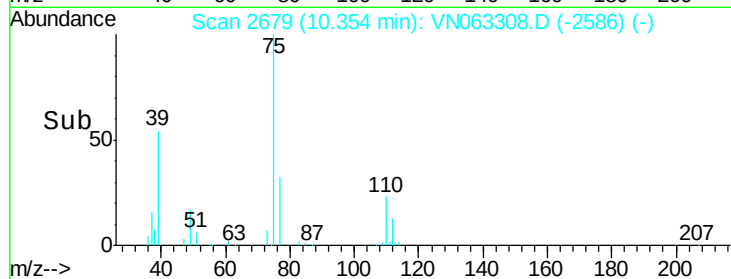
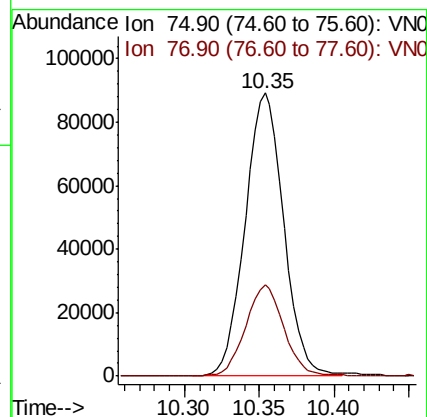
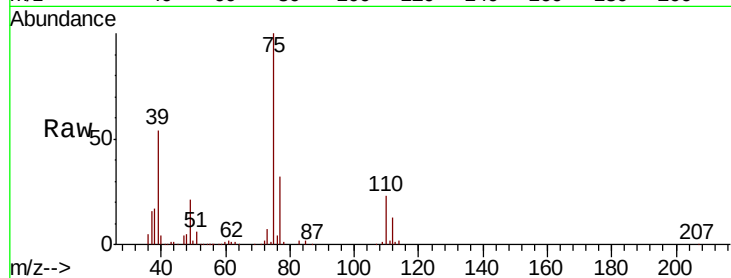
VN0911WBS01

Tot Ion: 75 Resp: 159722

Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 17.836 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

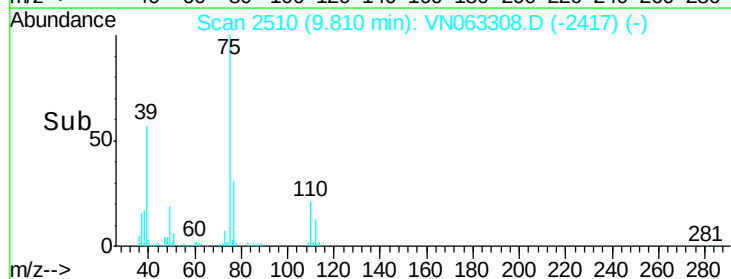
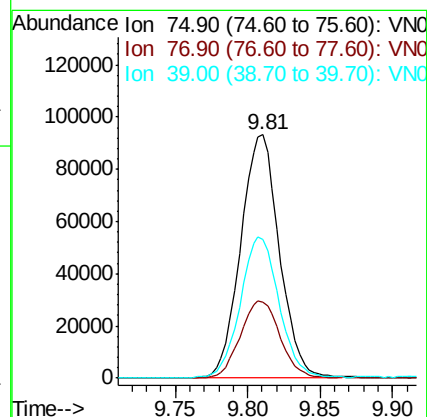
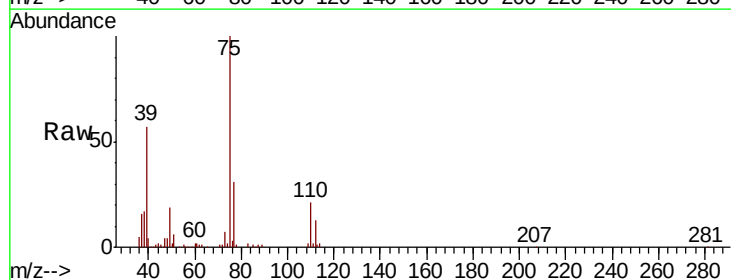
Tgt Ion: 75 Resp: 172853

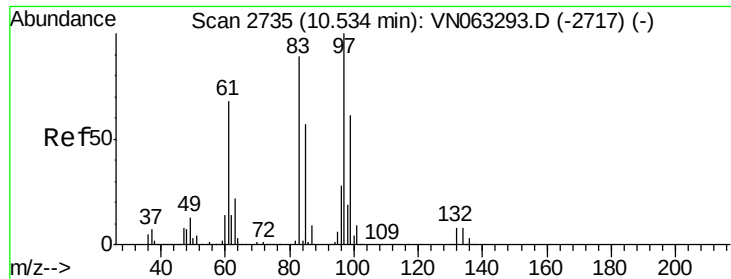
Ion Ratio Lower Upper

75 100

77 31.2 24.7 37.1

39 56.6 47.2 70.8

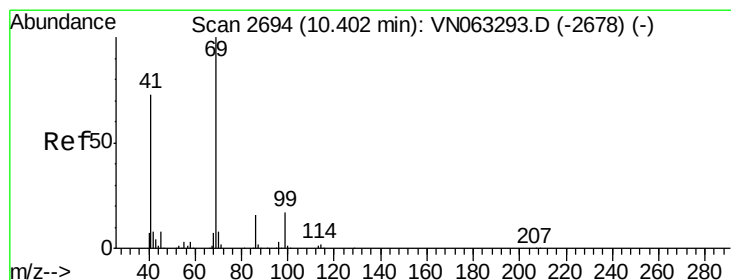
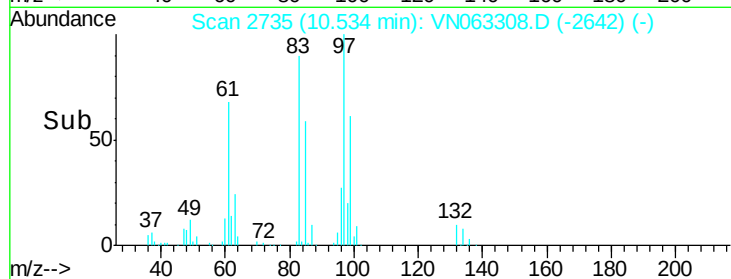
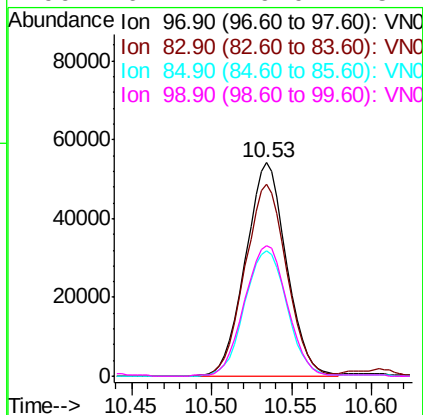
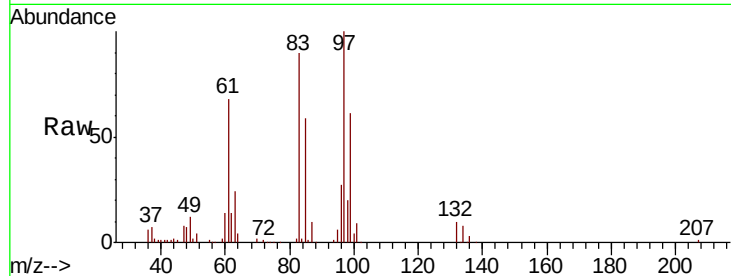




#55
 1,1,2-Trichloroethane
 Concen: 17.898 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

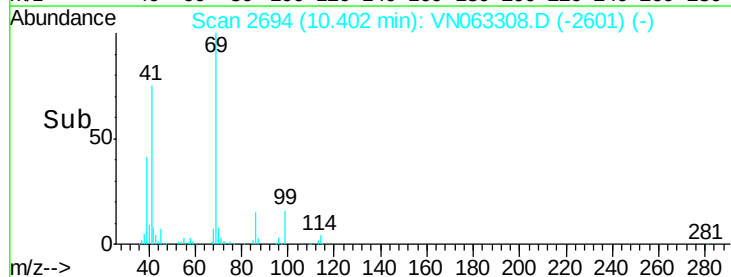
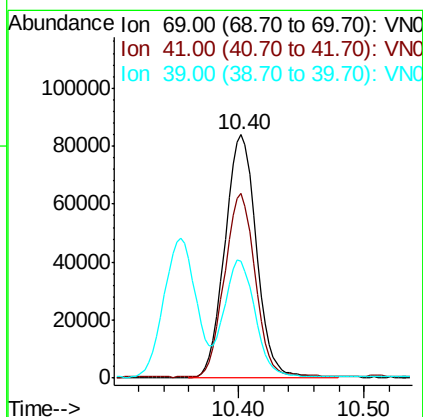
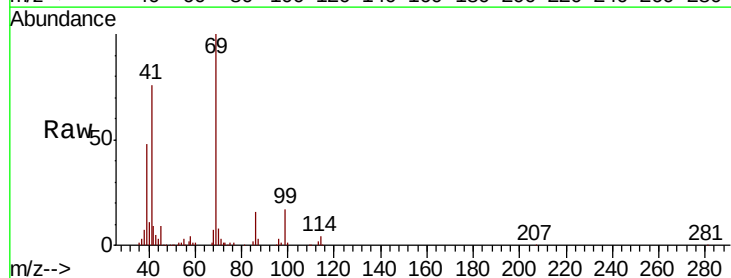
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

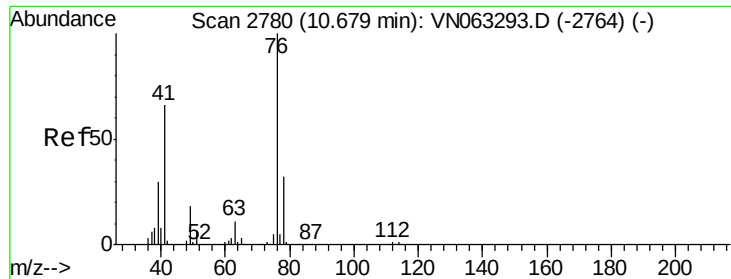
Tot Ion:	97	Resp:	95351
Ion	Ratio	Lower	Upper
97	100		
83	90.1	70.8	106.2
85	58.9	45.6	68.4
99	61.2	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 18.164 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion:	69	Resp:	147158
Ion	Ratio	Lower	Upper
69	100		
41	73.4	58.4	87.6
39	47.9	38.6	58.0





#57

1,3-Dichloropropane

Concen: 18.366 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampled :

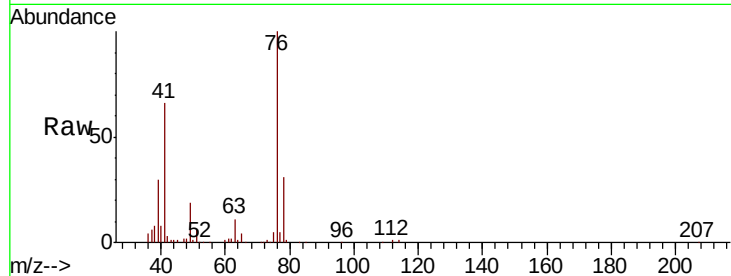
VN0911WBS01

Tot Ion: 76 Resp: 170977

Ion Ratio Lower Upper

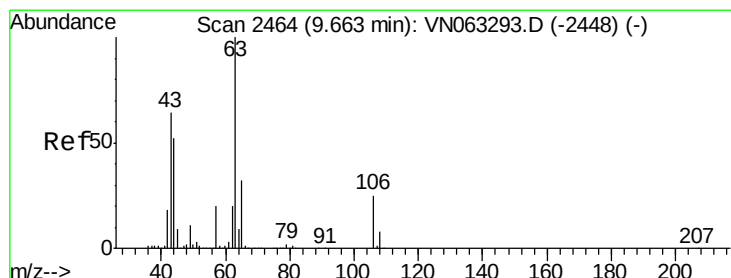
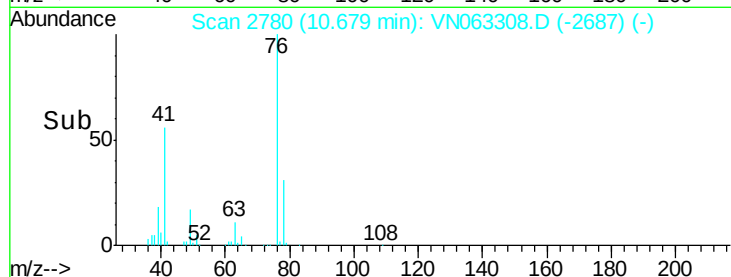
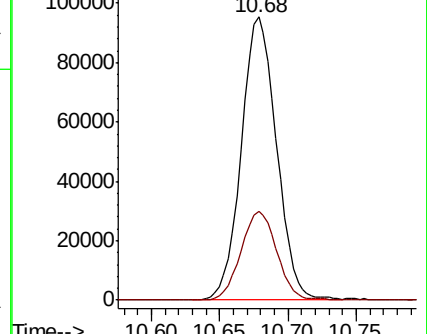
76 100

78 31.7 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 91.008 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063308.D

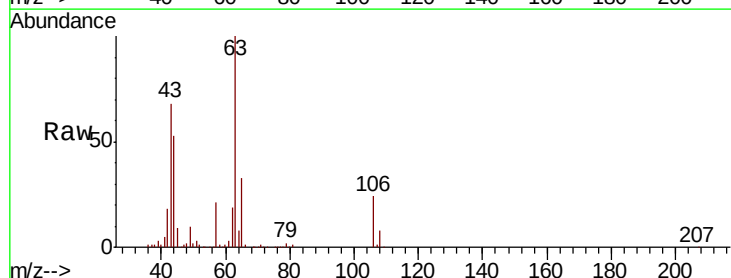
Acq: 11 Sep 2020 12:27

Tgt Ion: 63 Resp: 395488

Ion Ratio Lower Upper

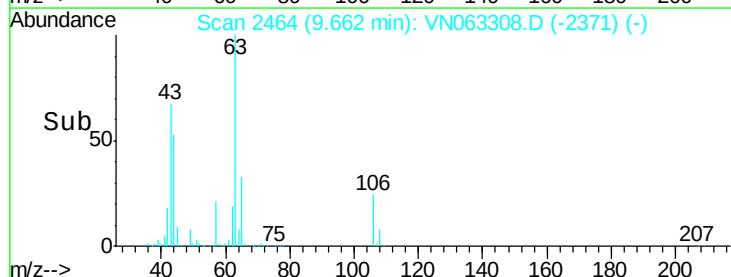
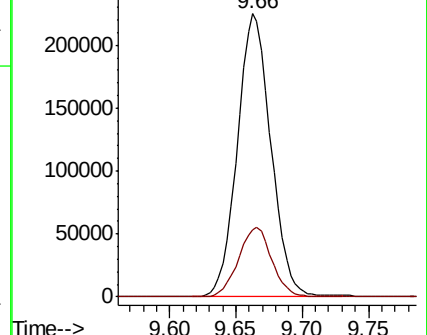
63 100

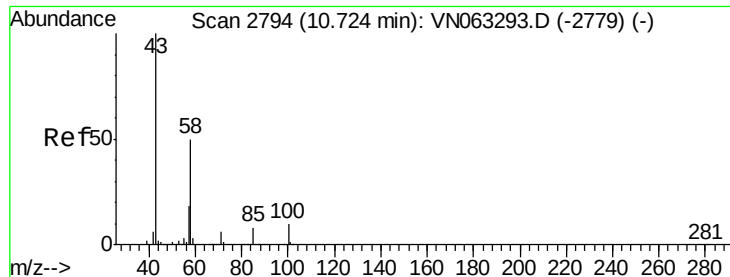
106 24.4 20.2 30.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

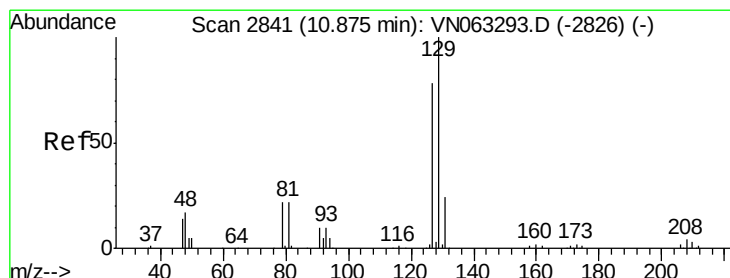
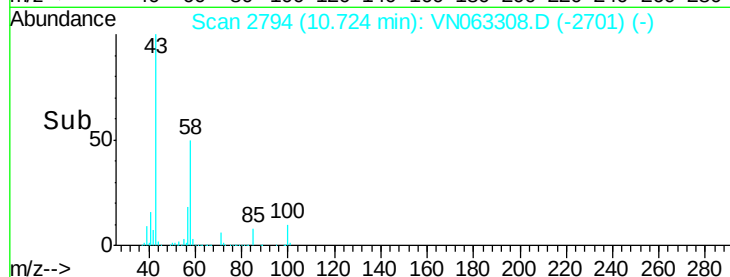
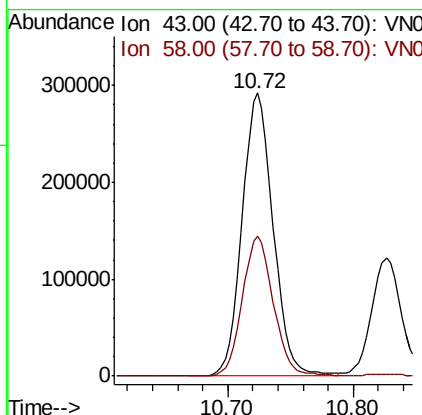
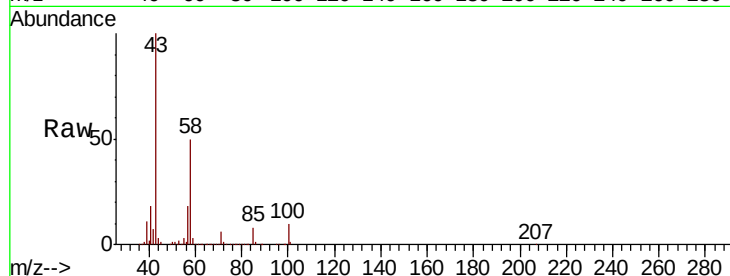




#59
2-Hexanone
Concen: 94.559 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

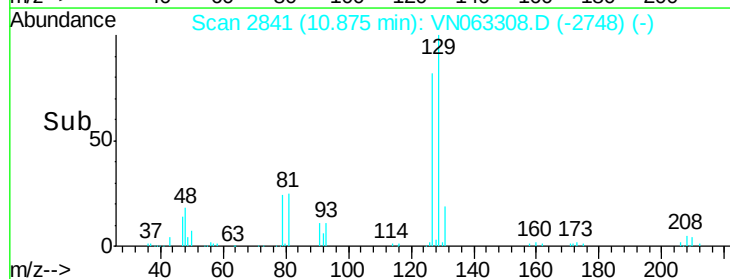
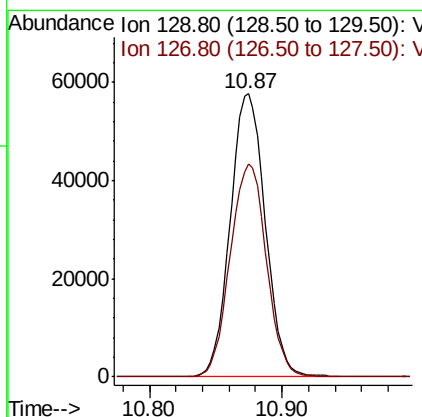
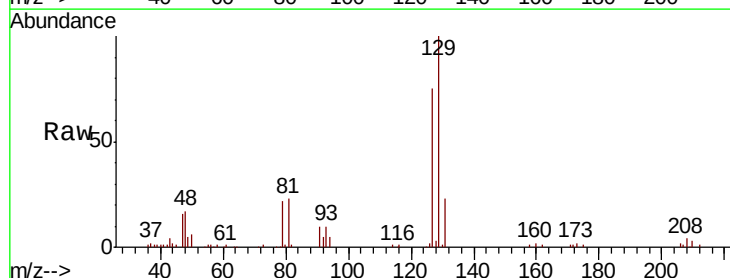
Instrument :
MSVOA_N
ClientSampled :
VN0911WBS01

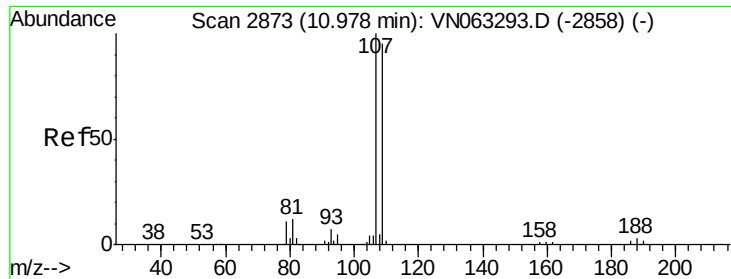
Tot Ion: 43 Resp: 499221
Ion Ratio Lower Upper
43 100
58 50.0 25.1 75.3



#60
Dibromochloromethane
Concen: 18.097 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion: 129 Resp: 105870
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0

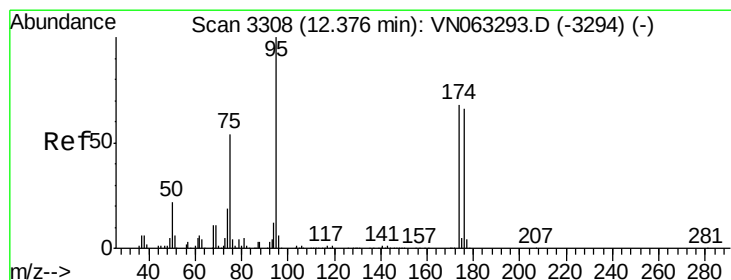
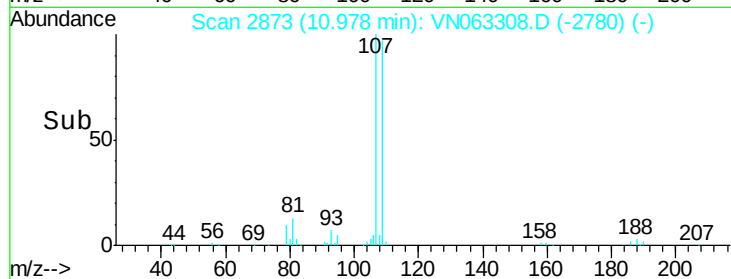
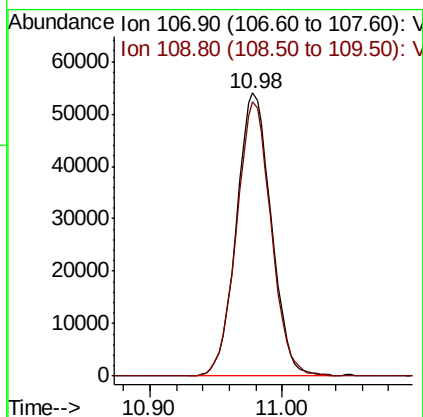
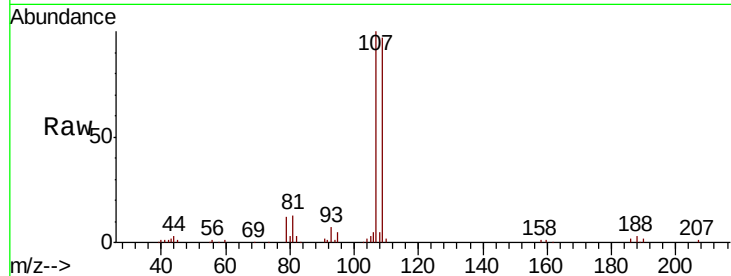




#61
 1,2-Dibromoethane
 Concen: 17.747 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

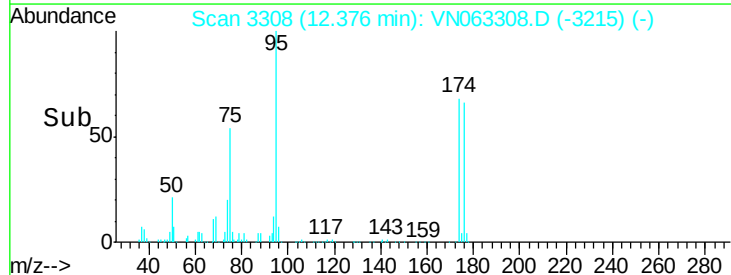
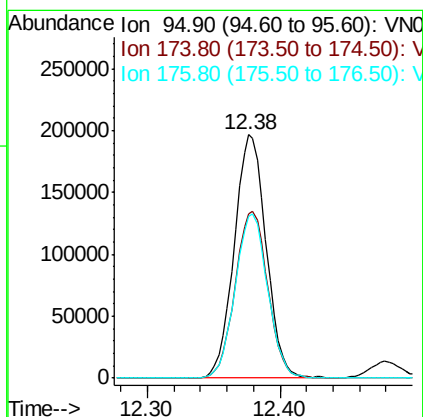
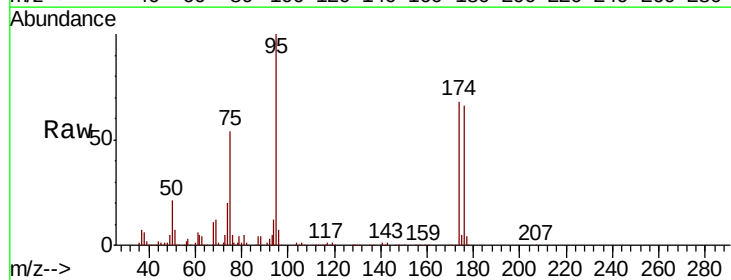
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

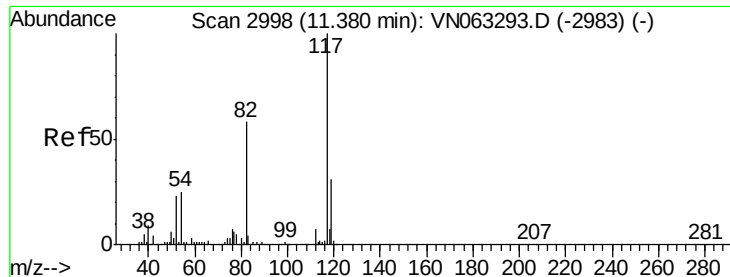
Tot Ion:107 Resp: 98569
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 47.378 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion: 95 Resp: 328142
 Ion Ratio Lower Upper
 95 100
 174 70.3 0.0 136.6
 176 68.9 0.0 132.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampled :

VN0911WBS01

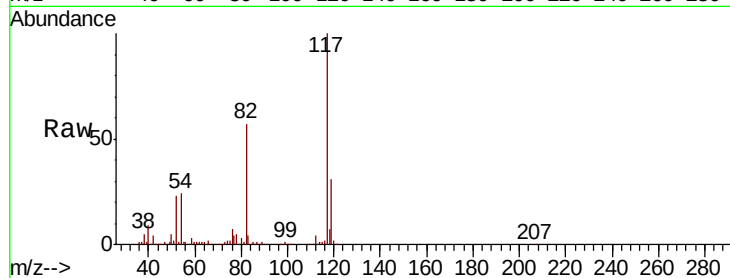
Tot Ion:117 Resp: 692344

Ion Ratio Lower Upper

117 100

82 57.1 46.4 69.6

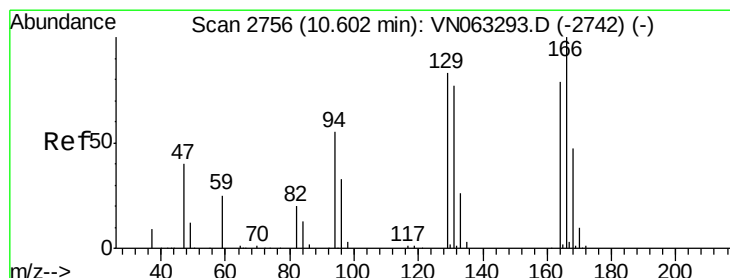
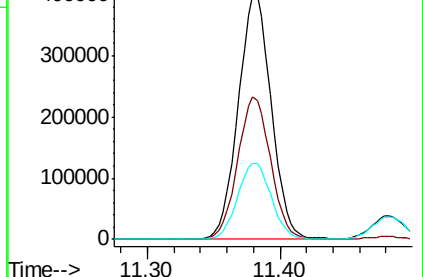
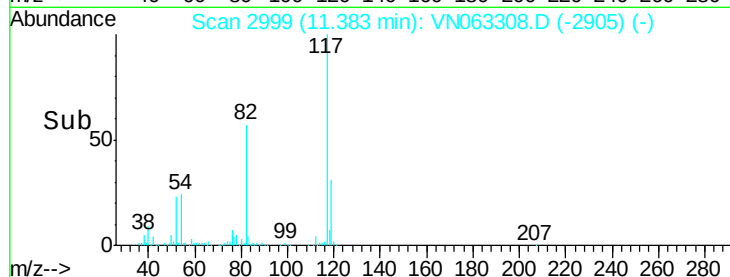
119 31.2 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.059 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Tgt Ion:164 Resp: 102425

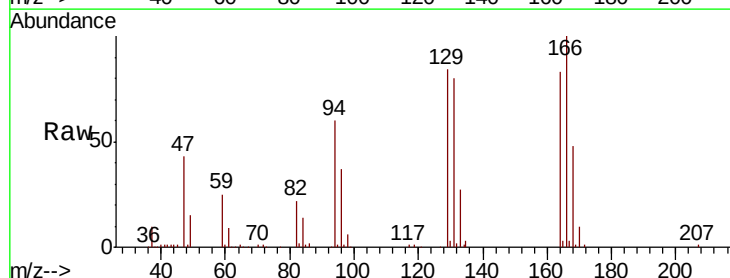
Ion Ratio Lower Upper

164 100

166 120.5 101.3 151.9

129 101.1 83.7 125.5

131 96.7 78.2 117.4

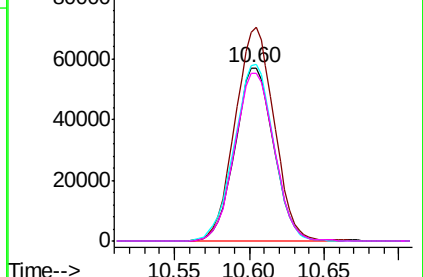
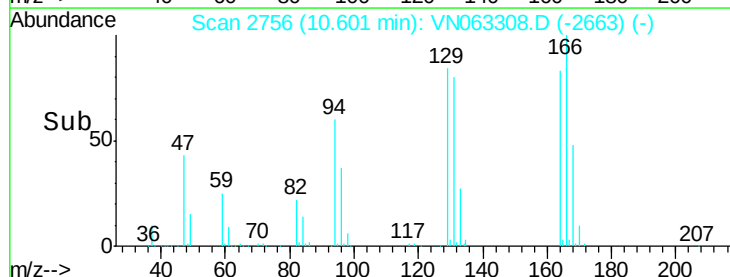


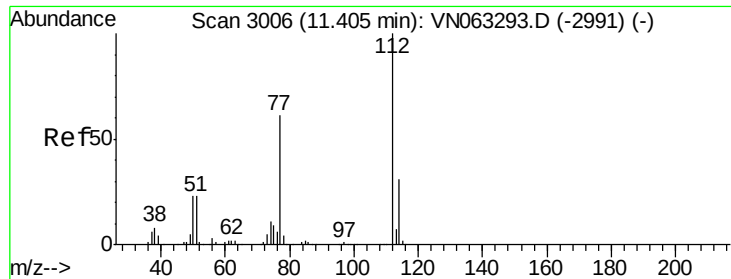
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

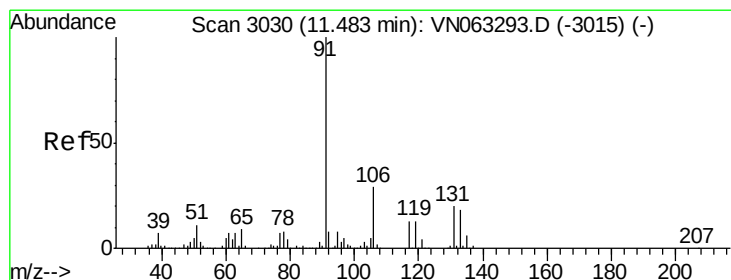
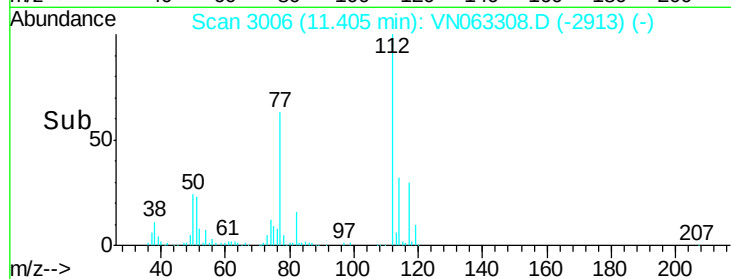
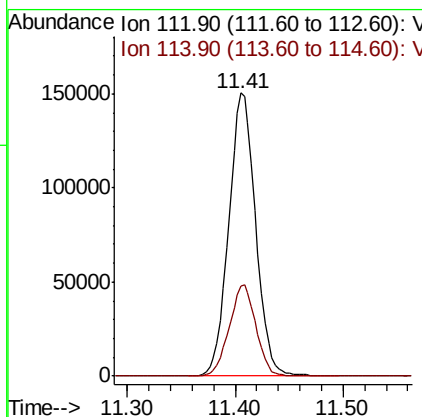
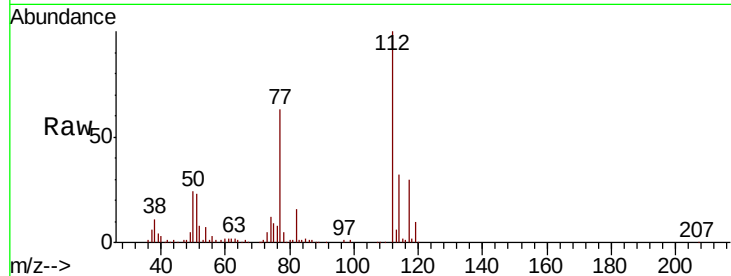




#65
Chlorobenzene
Concen: 17.544 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

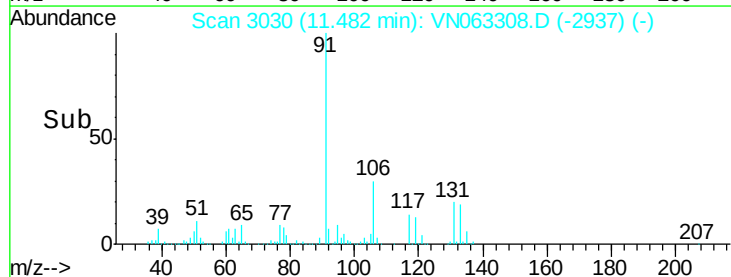
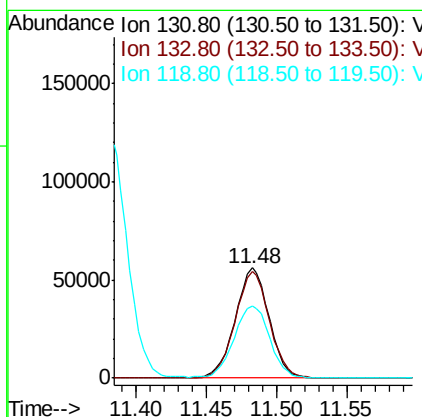
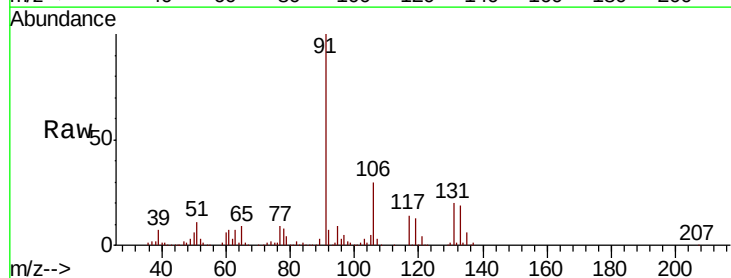
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

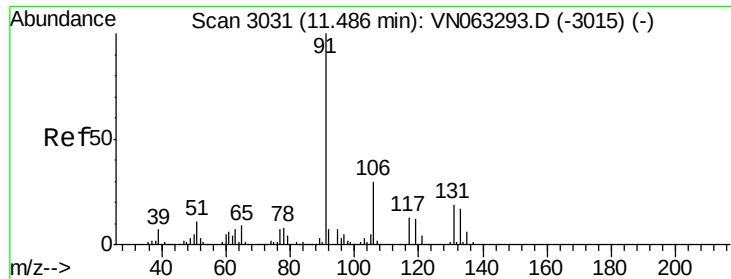
Tot Ion:112 Resp: 261490
Ion Ratio Lower Upper
112 100
114 31.7 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 17.392 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion:131 Resp: 94448
Ion Ratio Lower Upper
131 100
133 97.6 47.4 142.2
119 69.7 33.8 101.3





#67

Ethyl Benzene

Concen: 18.118 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampled :

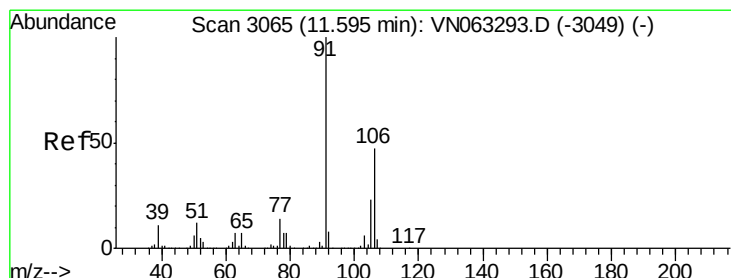
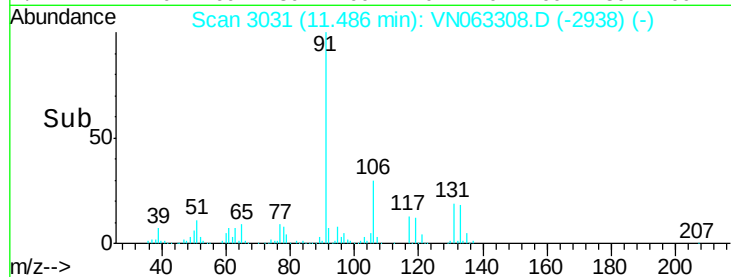
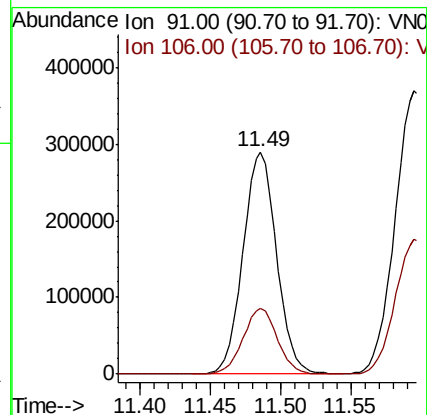
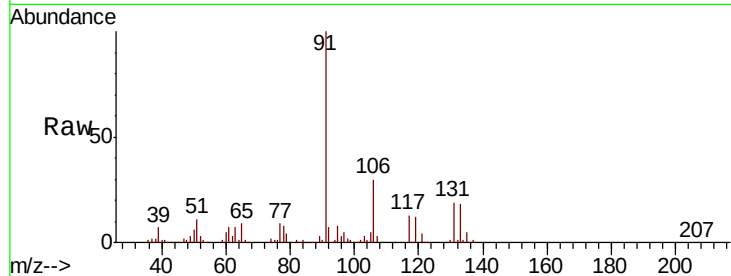
VN0911WBS01

Tot Ion: 91 Resp: 484798

Ion Ratio Lower Upper

91 100

106 29.7 23.8 35.6



#68

m/p-Xylenes

Concen: 35.353 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063308.D

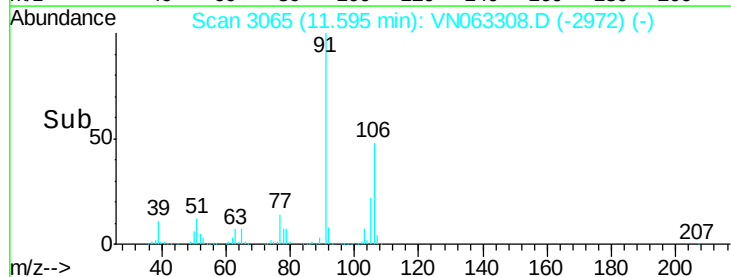
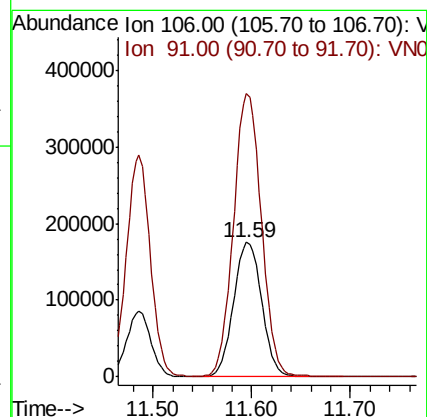
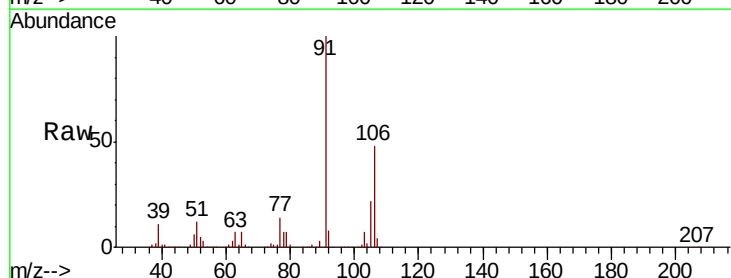
Acq: 11 Sep 2020 12:27

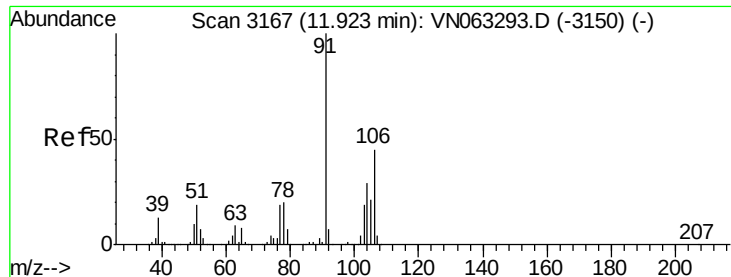
Tgt Ion: 106 Resp: 349918

Ion Ratio Lower Upper

106 100

91 208.9 169.8 254.8

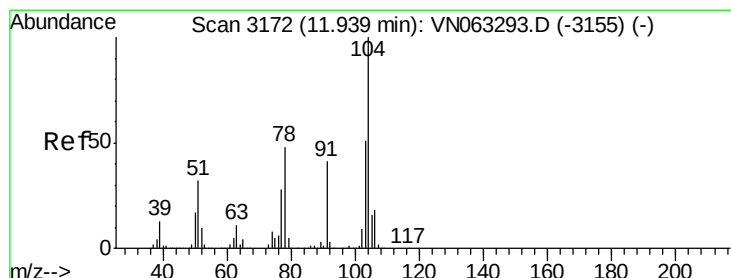
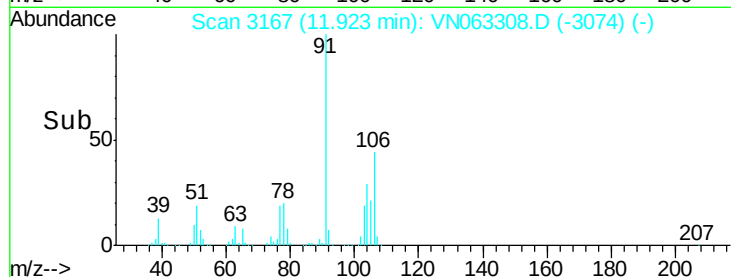
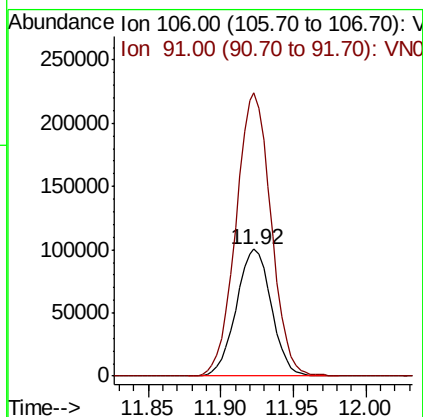
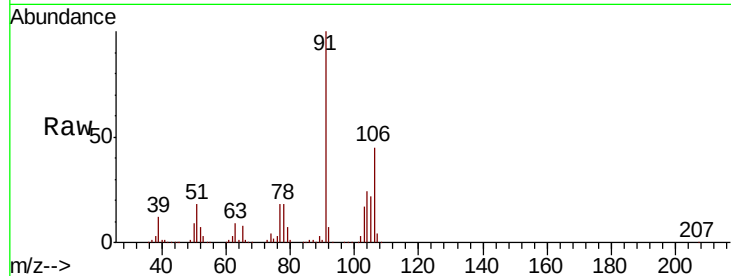




#69
o-Xylene
Concen: 17.801 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

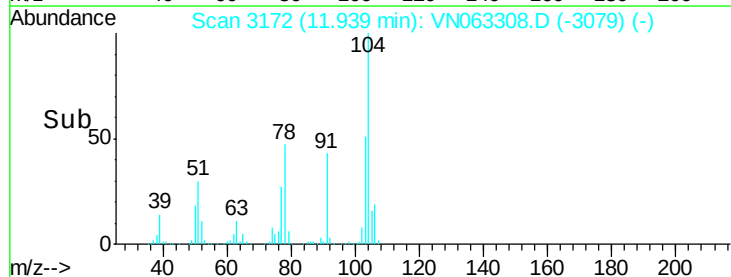
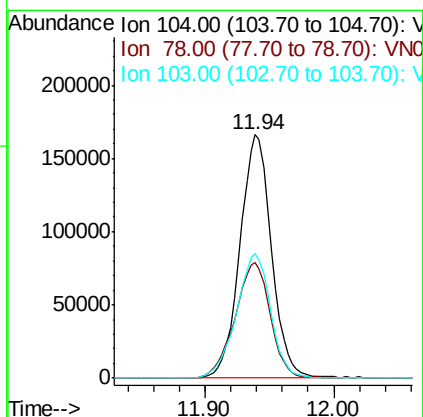
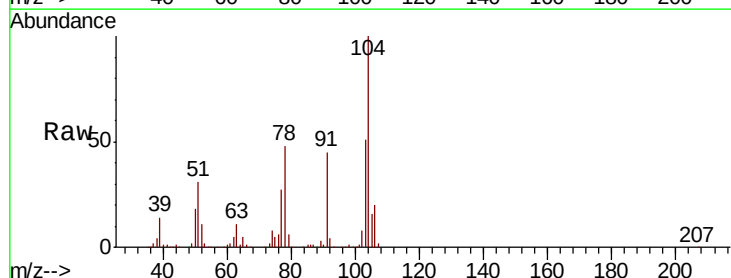
Instrument :
MSVOA_N
ClientSampled :
VN0911WBS01

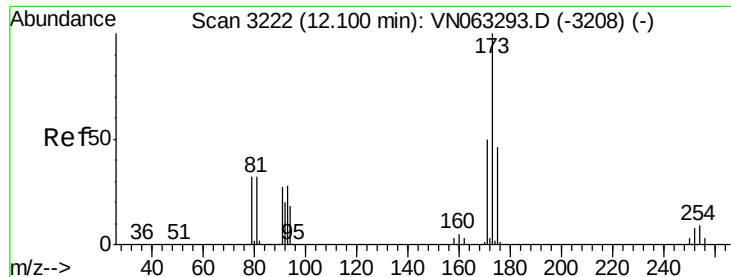
Tot Ion:106 Resp: 169088
Ion Ratio Lower Upper
106 100
91 222.7 111.5 334.4



#70
Styrene
Concen: 17.891 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion:104 Resp: 282447
Ion Ratio Lower Upper
104 100
78 53.4 42.9 64.3
103 55.7 44.2 66.2





#71

Bromoform

Concen: 17.367 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

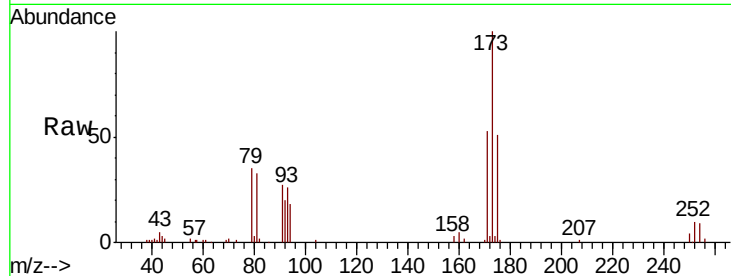
Tot Ion:173 Resp: 65231

Ion Ratio Lower Upper

173 100

175 48.0 23.8 71.5

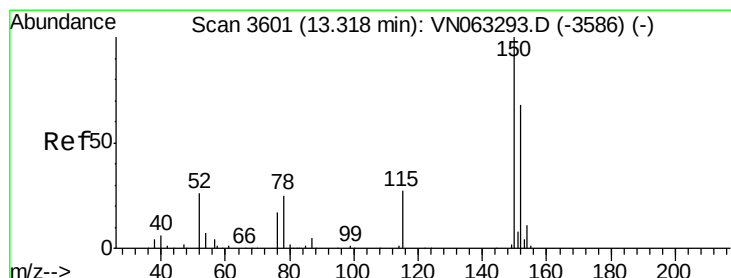
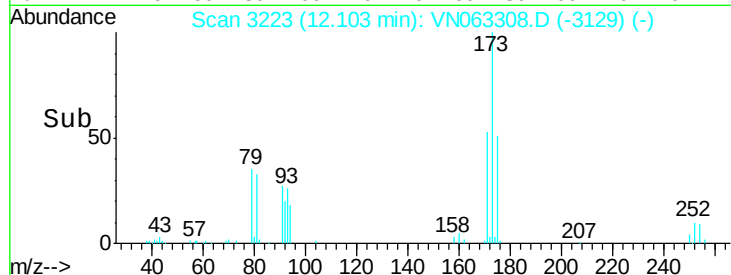
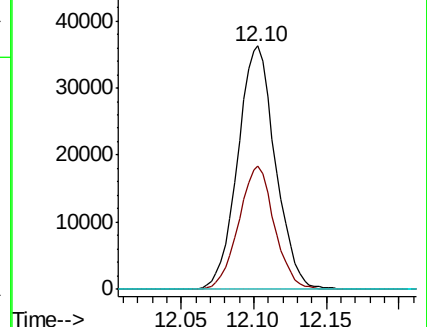
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

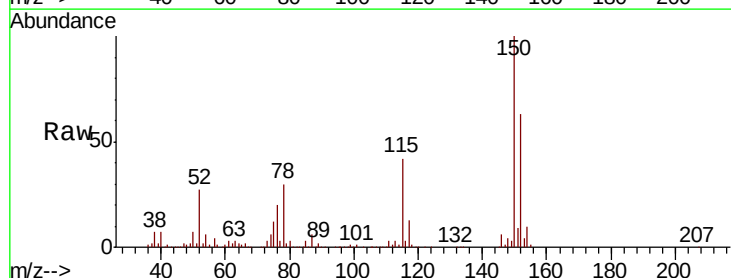
Tgt Ion:152 Resp: 306025

Ion Ratio Lower Upper

152 100

115 64.2 31.5 94.5

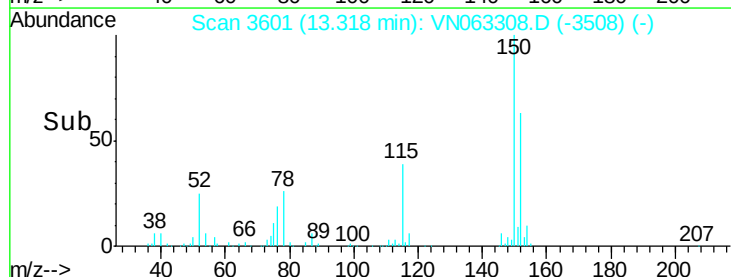
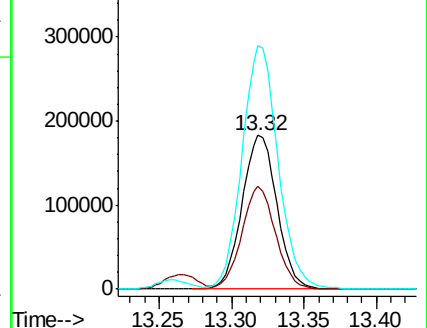
150 162.6 0.0 344.0

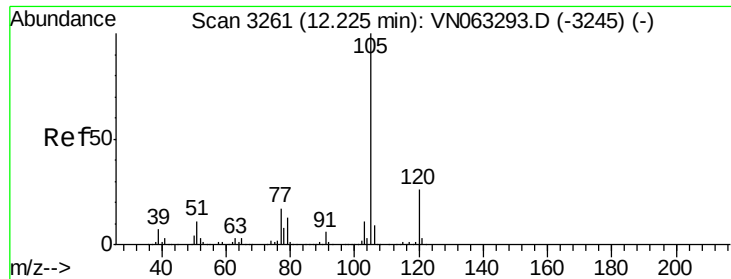


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.209 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

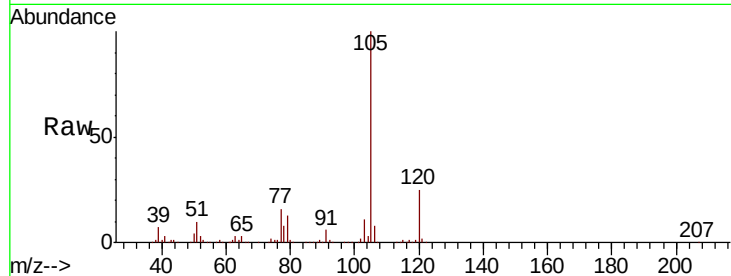
VN0911WBS01

Tot Ion:105 Resp: 449473

Ion Ratio Lower Upper

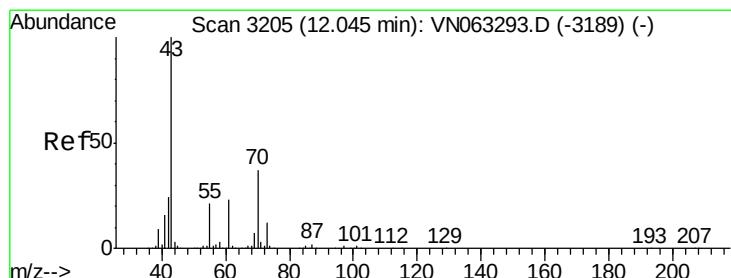
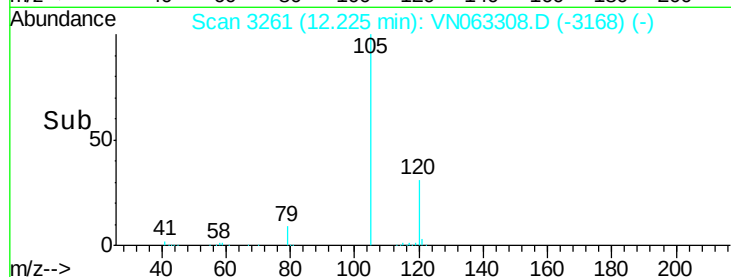
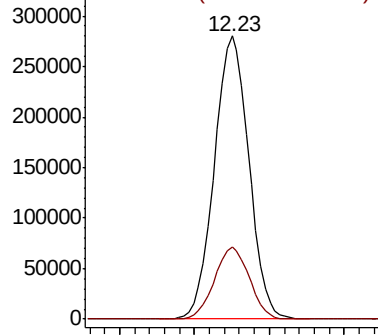
105 100

120 25.7 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.932 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Tgt Ion: 43 Resp: 191862

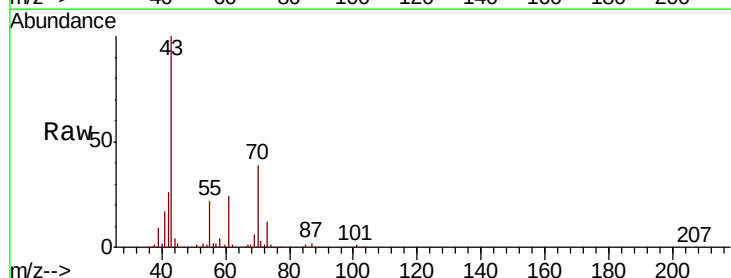
Ion Ratio Lower Upper

43 100

70 38.0 29.3 43.9

55 22.4 17.0 25.6

61 21.7 17.8 26.6

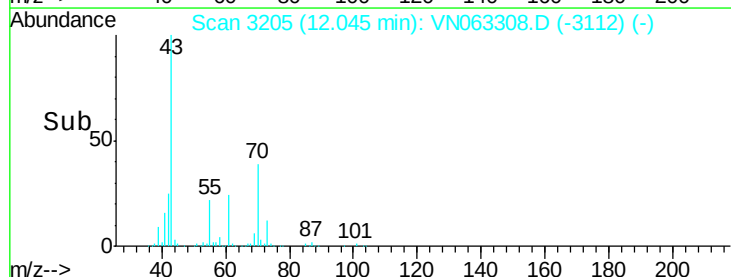
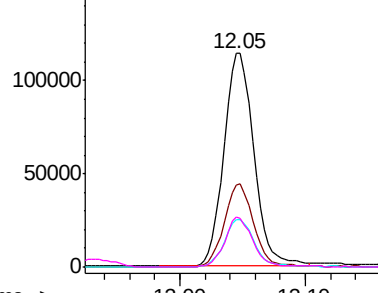


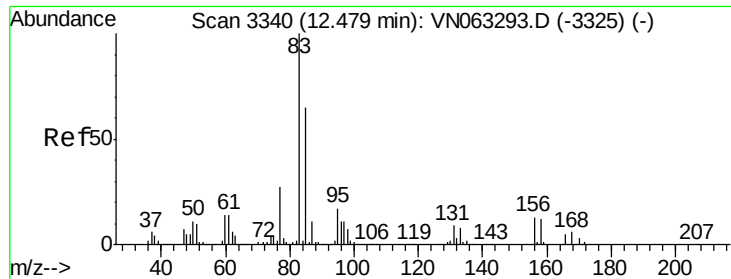
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.209 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampled :

VN0911WBS01

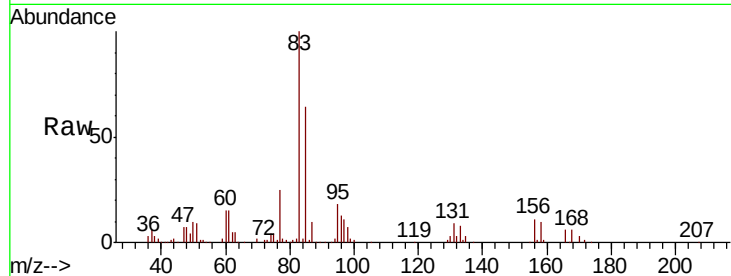
Tot Ion: 83 Resp: 128725

Ion Ratio Lower Upper

83 100

131 9.2 4.7 14.1

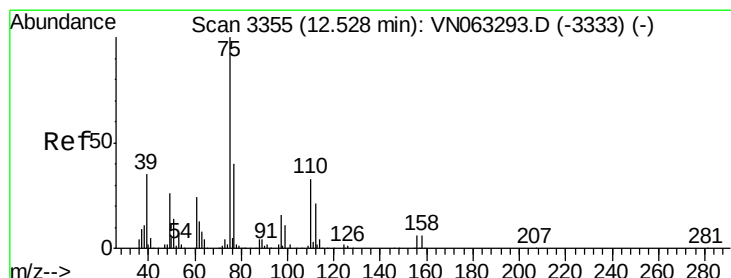
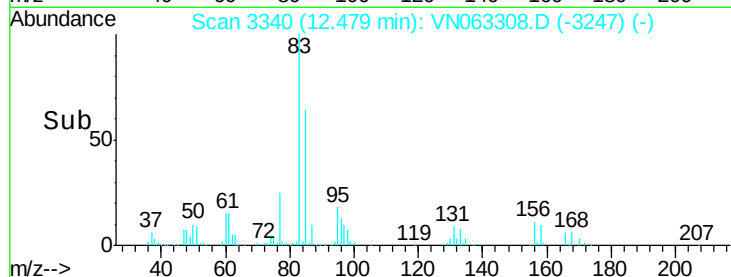
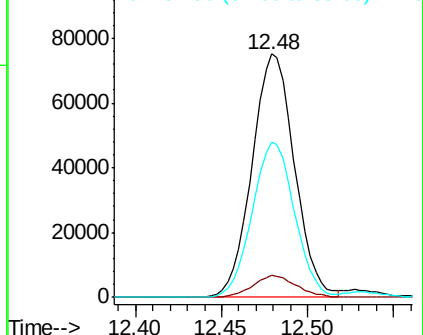
85 63.7 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VN063308.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063308.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063308.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 26.992 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063308.D

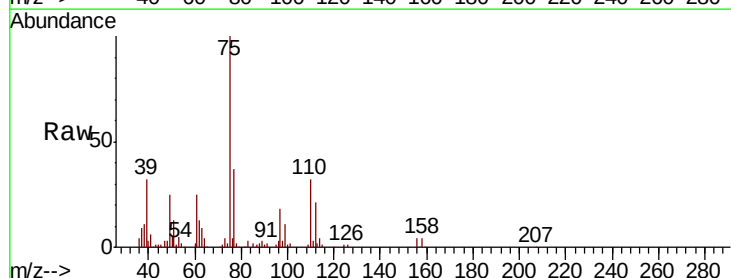
Acq: 11 Sep 2020 12:27

Tgt Ion: 75 Resp: 182234

Ion Ratio Lower Upper

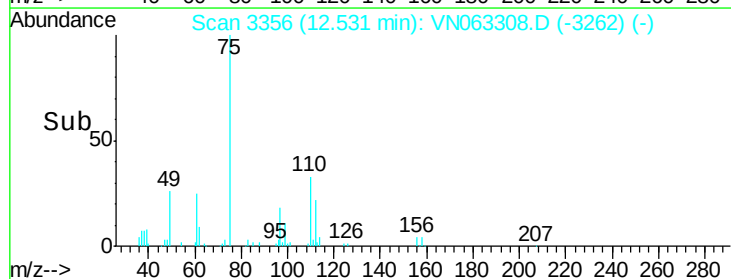
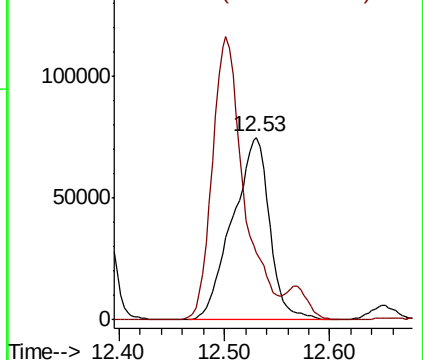
75 100

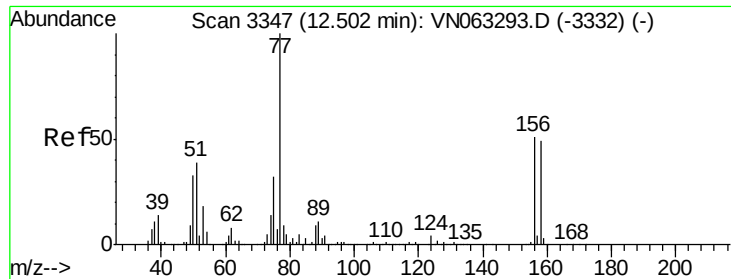
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063308.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063308.D (-3262) (-)





#77

Bromobenzene

Concen: 18.323 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

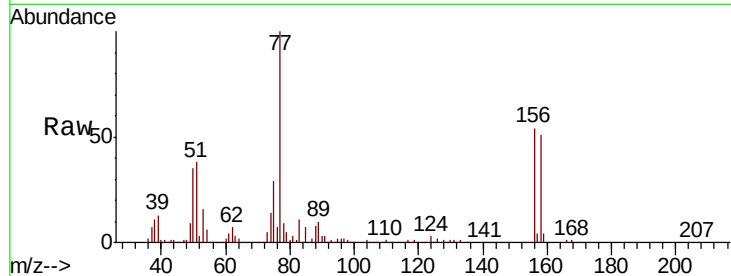
Tot Ion:156 Resp: 103961

Ion Ratio Lower Upper

156 100

77 233.2 117.4 352.2

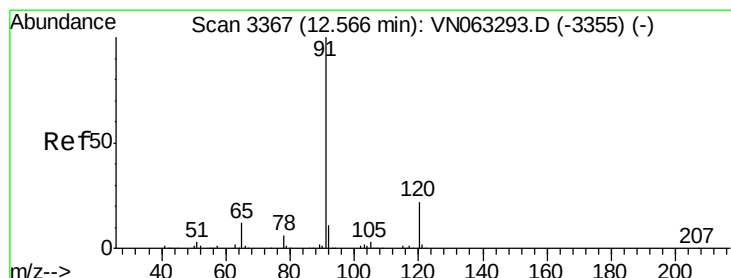
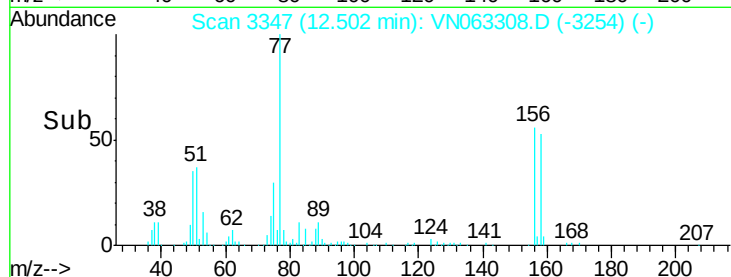
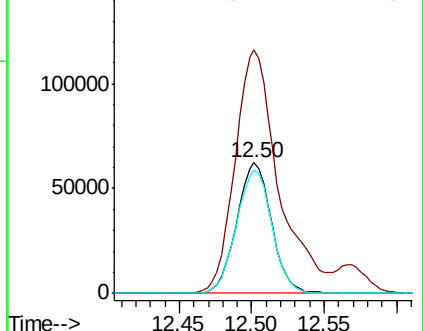
158 96.5 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.310 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063308.D

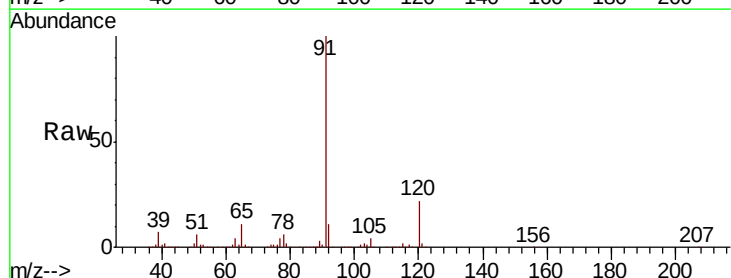
Acq: 11 Sep 2020 12:27

Tgt Ion: 91 Resp: 513438

Ion Ratio Lower Upper

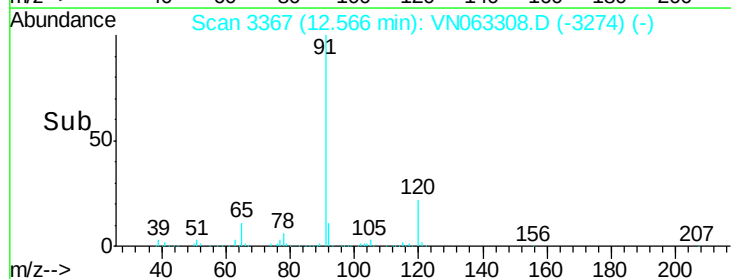
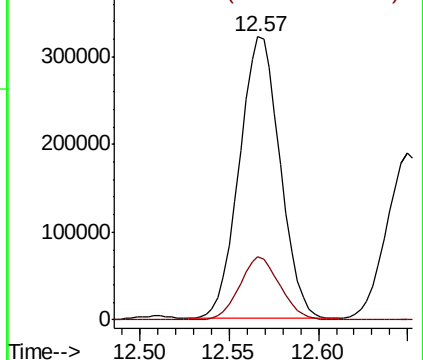
91 100

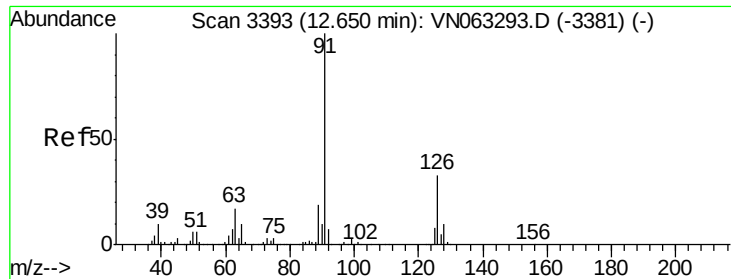
120 22.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

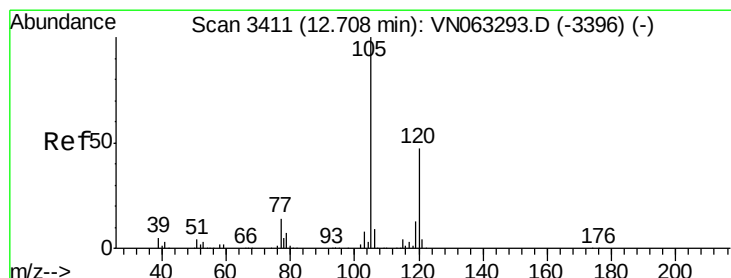
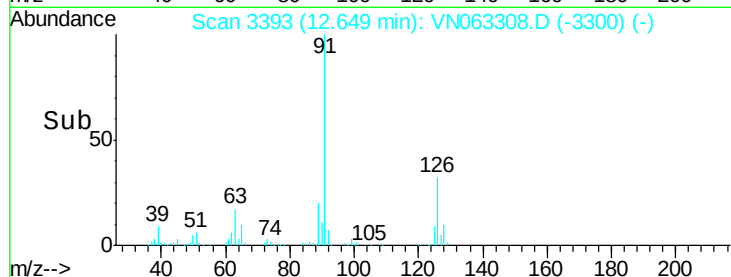
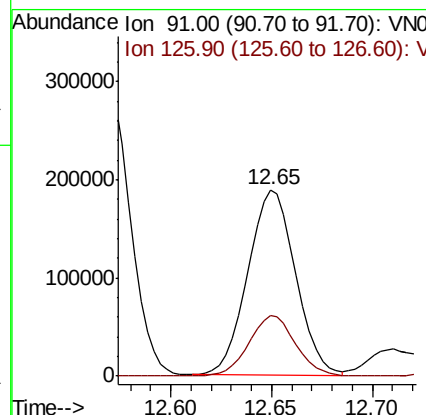
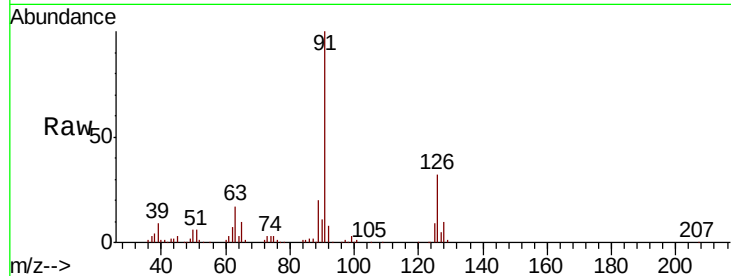




#79
 2-Chlorotoluene
 Concen: 18.131 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

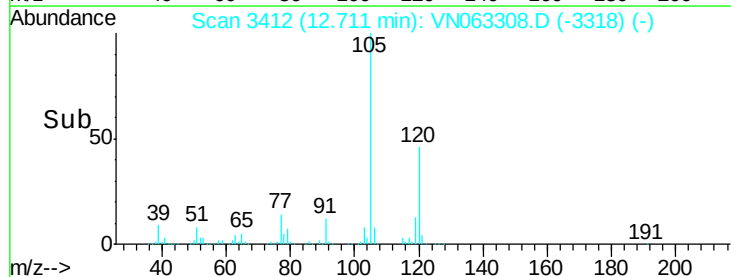
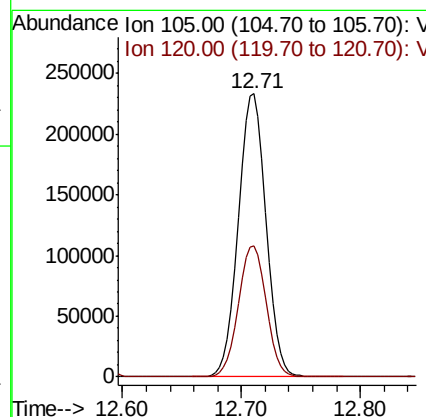
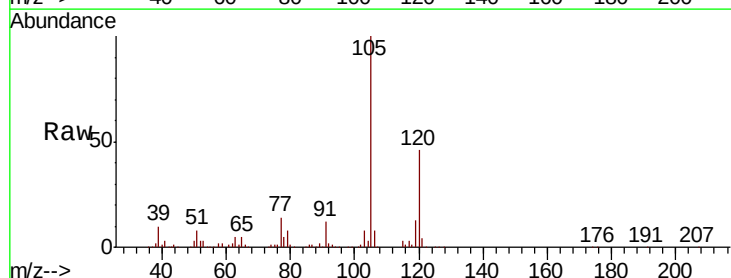
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

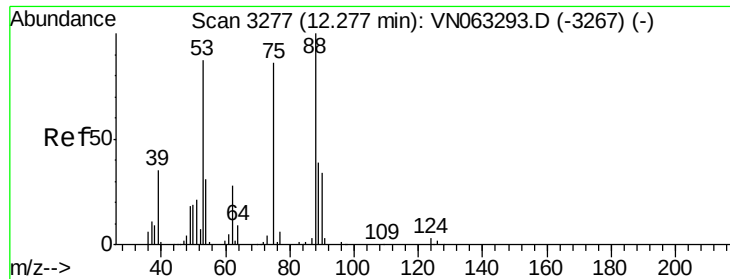
Tot Ion: 91 Resp: 312610
 Ion Ratio Lower Upper
 91 100
 126 31.9 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 18.316 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion: 105 Resp: 375415
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.440 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

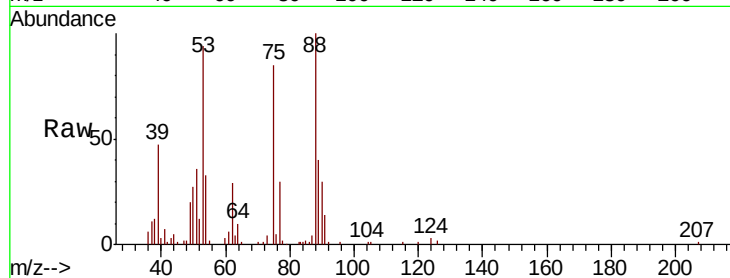
Tot Ion: 75 Resp: 43822

Ion Ratio Lower Upper

75 100

53 109.6 81.8 122.8

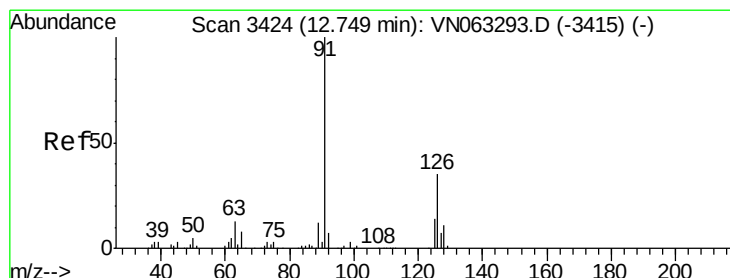
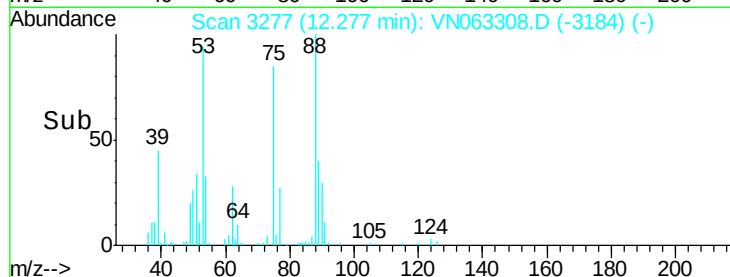
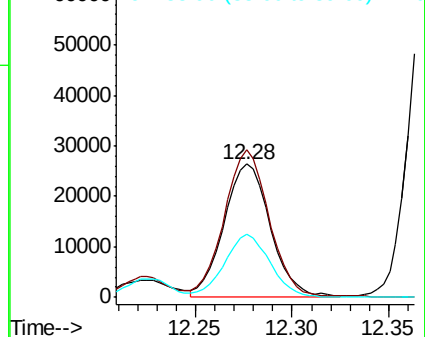
89 47.2 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 17.535 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063308.D

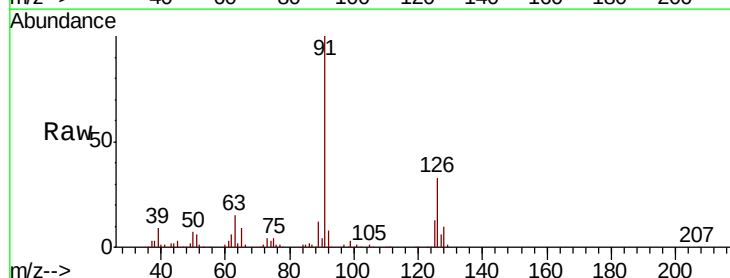
Acq: 11 Sep 2020 12:27

Tgt Ion: 91 Resp: 316924

Ion Ratio Lower Upper

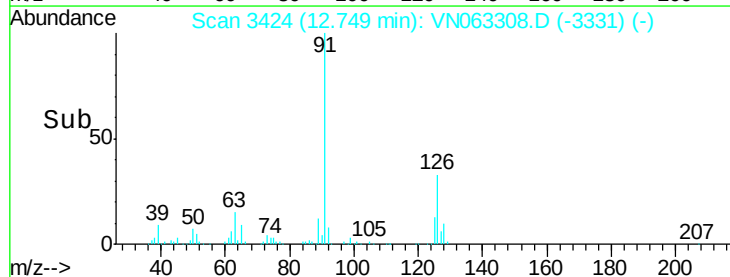
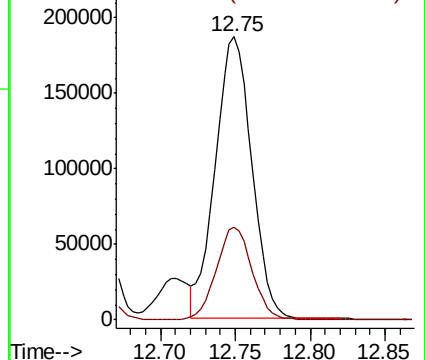
91 100

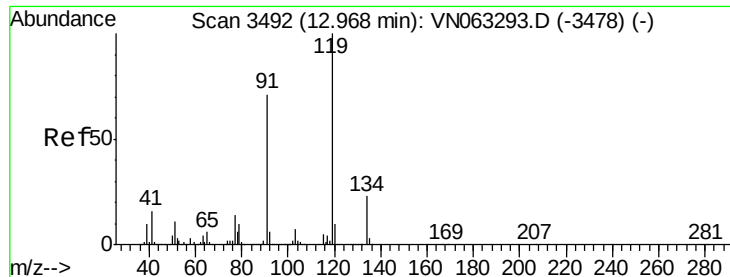
126 32.5 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

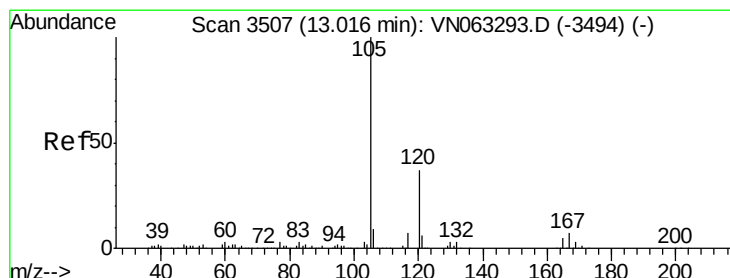
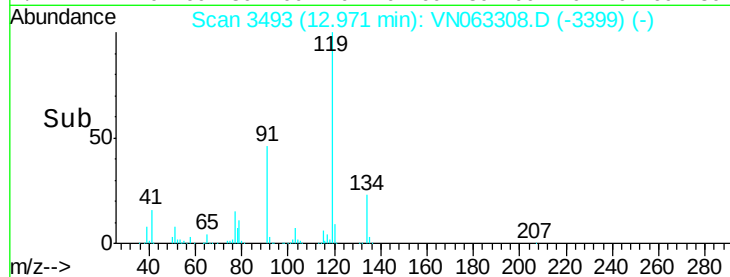
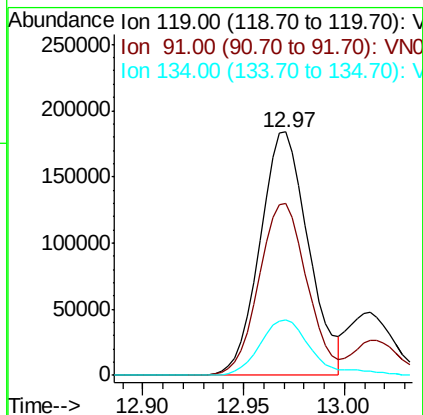
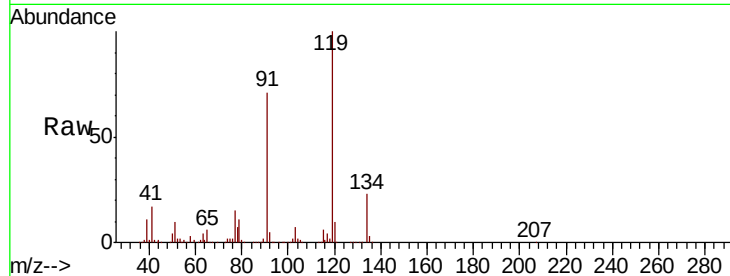




#83
 tert-Butylbenzene
 Concen: 17.712 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

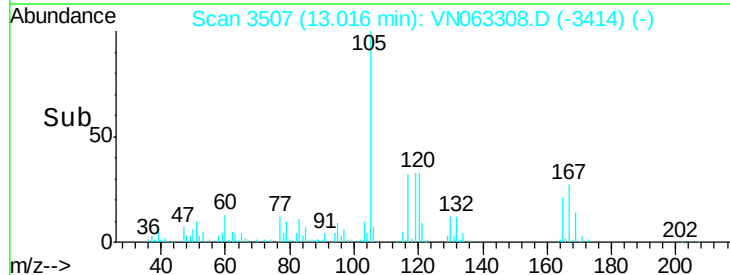
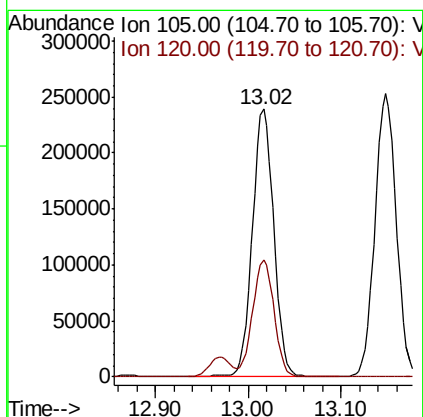
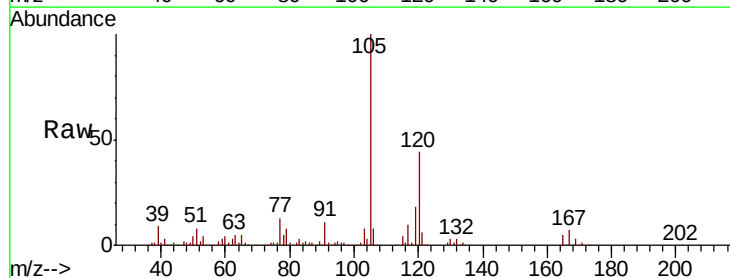
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

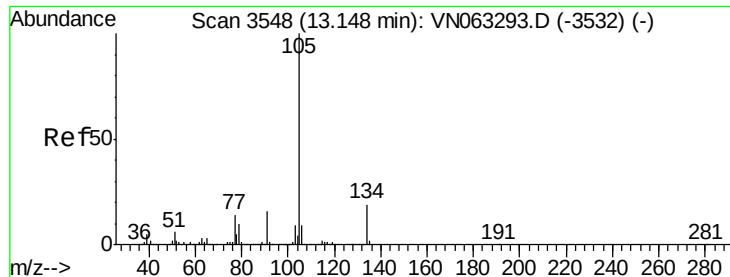
Tot Ion:119 Resp: 307885
 Ion Ratio Lower Upper
 119 100
 91 69.8 34.8 104.3
 134 24.4 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.598 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion:105 Resp: 384217
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.8 65.4





#85

sec-Butylbenzene

Concen: 18.157 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

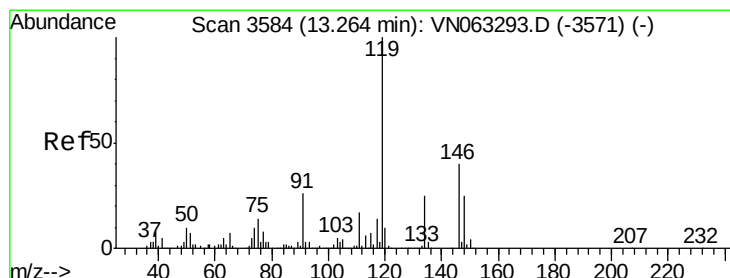
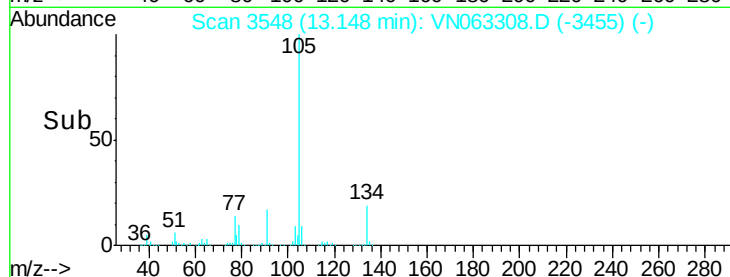
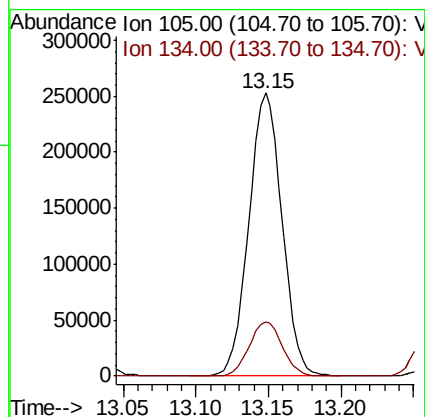
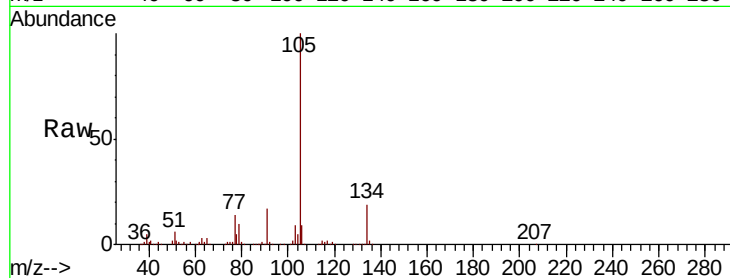
VN0911WBS01

Tot Ion:105 Resp: 401546

Ion Ratio Lower Upper

105 100

134 19.3 9.4 28.3



#86

p-Isopropyltoluene

Concen: 18.031 ug/l

RT: 13.27 min Scan# 3585

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

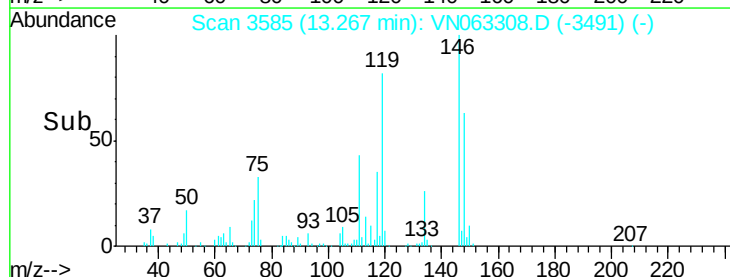
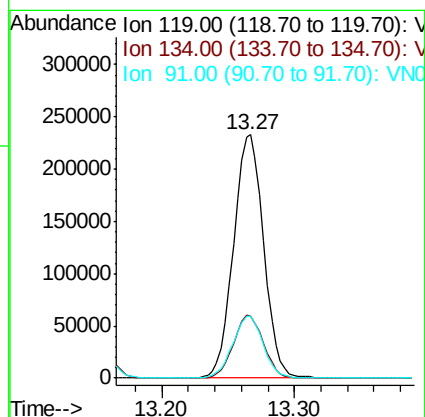
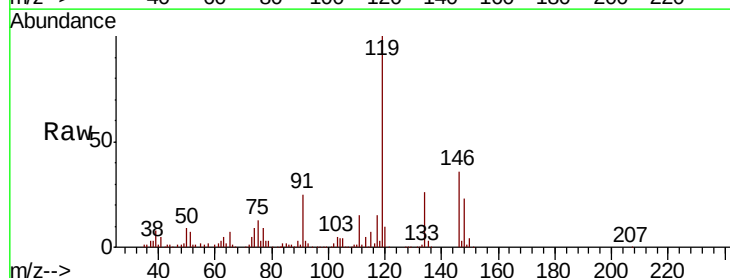
Tgt Ion:119 Resp: 365567

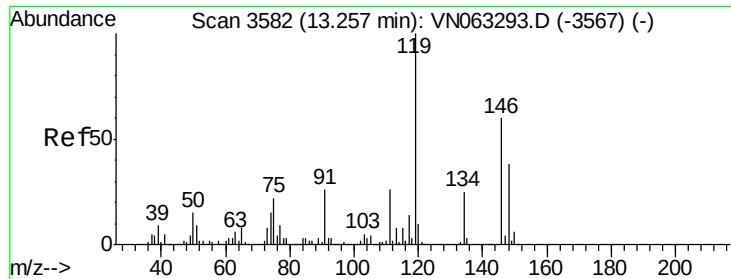
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

91 25.6 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 17.468 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampled :

VN0911WBS01

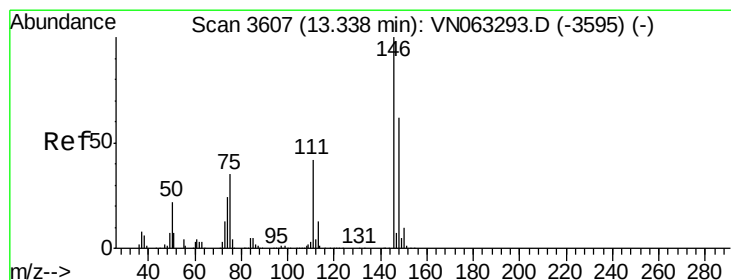
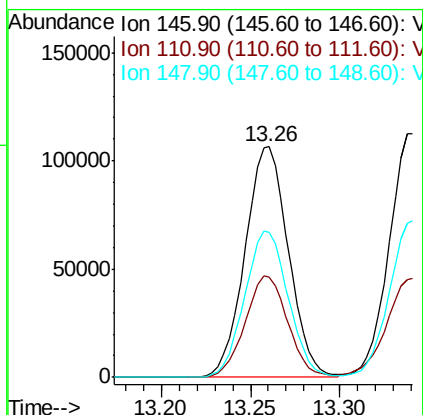
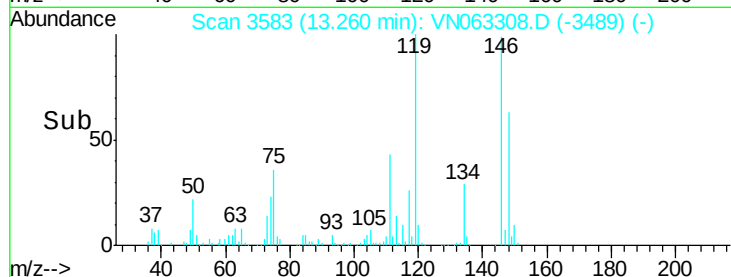
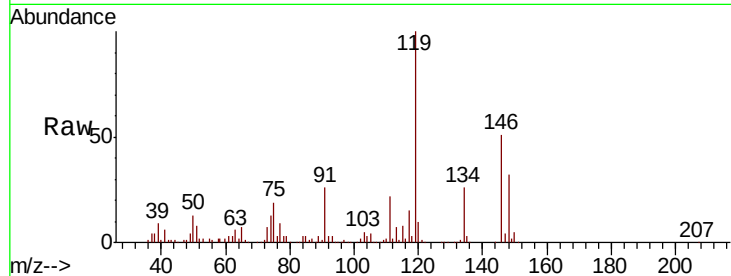
Tot Ion:146 Resp: 181193

Ion Ratio Lower Upper

146 100

111 43.1 21.8 65.4

148 63.7 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 18.038 ug/l

RT: 13.34 min Scan# 3608

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

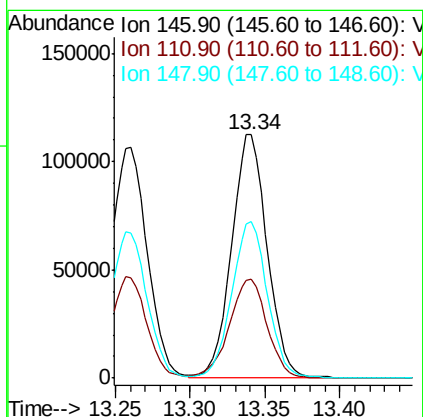
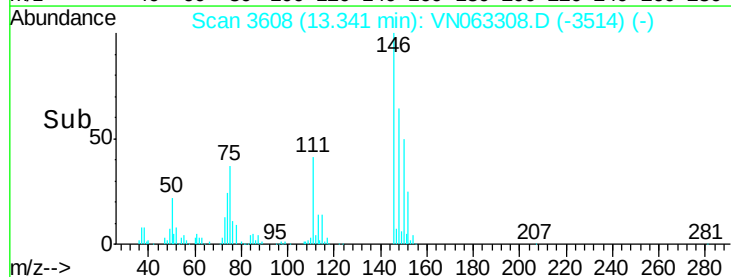
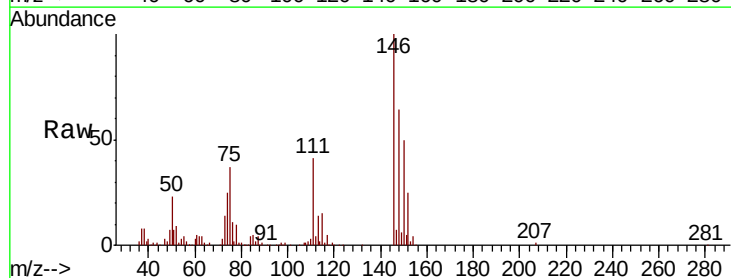
Tgt Ion:146 Resp: 185380

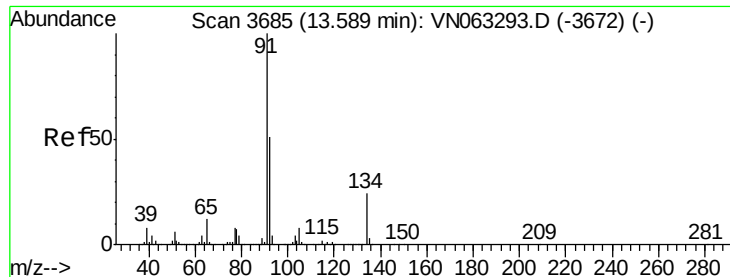
Ion Ratio Lower Upper

146 100

111 42.7 21.3 64.0

148 64.5 31.5 94.5

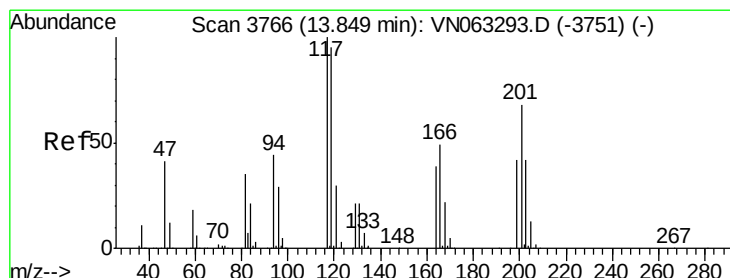
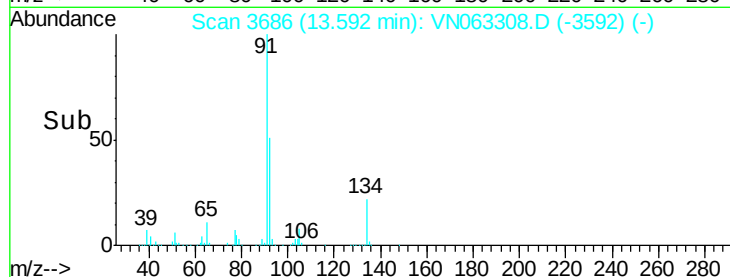
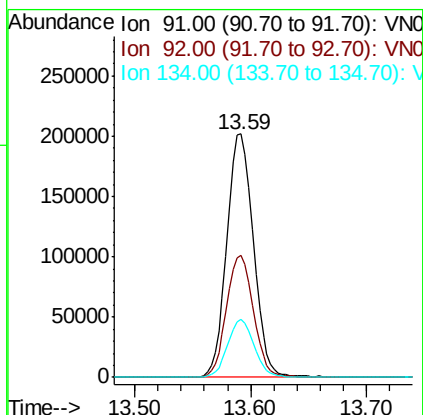
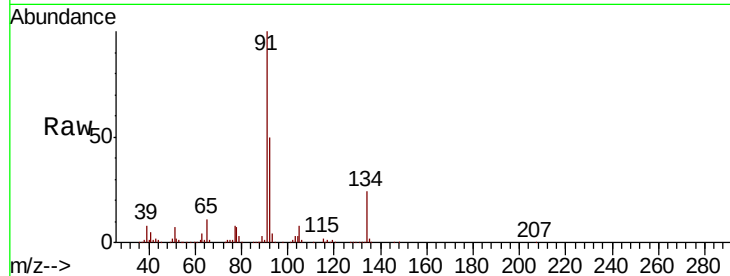




#89
n-Butylbenzene
Concen: 17.527 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

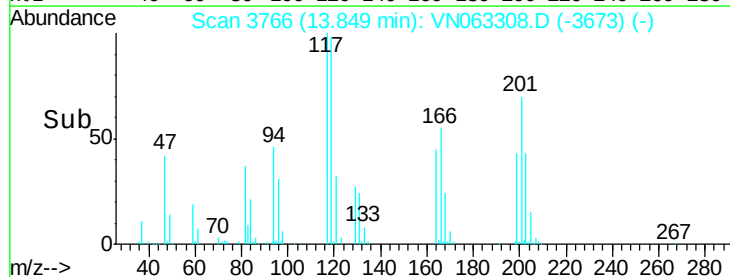
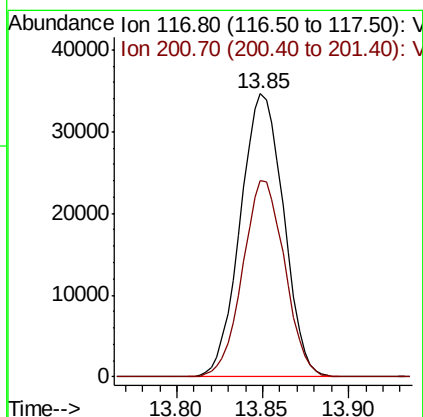
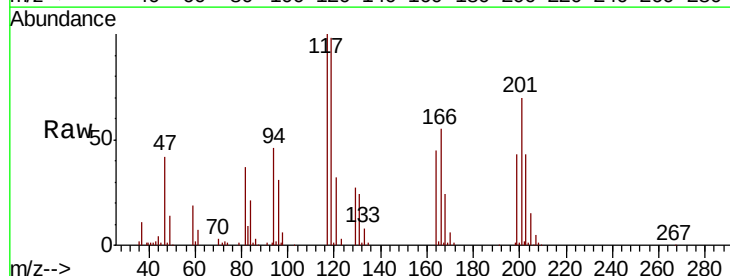
Instrument :
MSVOA_N
ClientSampled :
VN0911WBS01

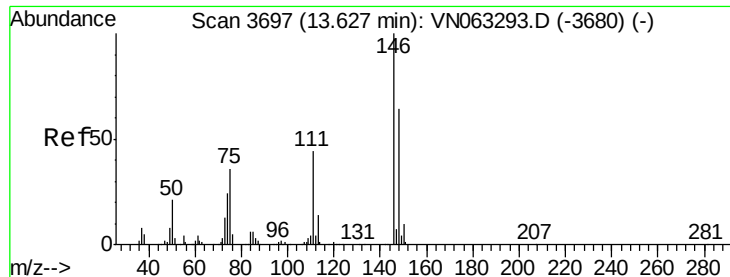
Tot Ion: 91 Resp: 320784
Ion Ratio Lower Upper
91 100
92 50.6 25.8 77.3
134 23.5 12.0 36.0



#90
Hexachloroethane
Concen: 18.194 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063308.D
Acq: 11 Sep 2020 12:27

Tgt Ion: 117 Resp: 60678
Ion Ratio Lower Upper
117 100
201 67.2 33.5 100.4

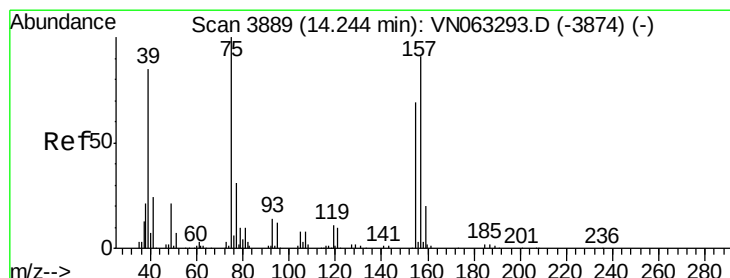
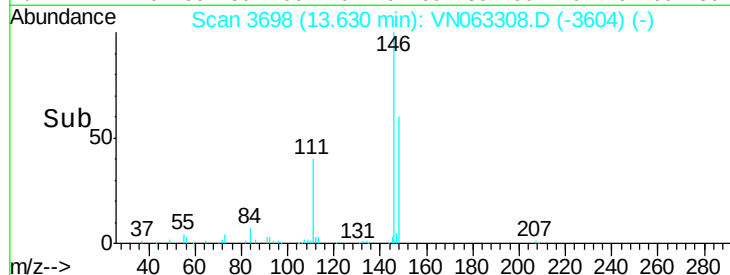
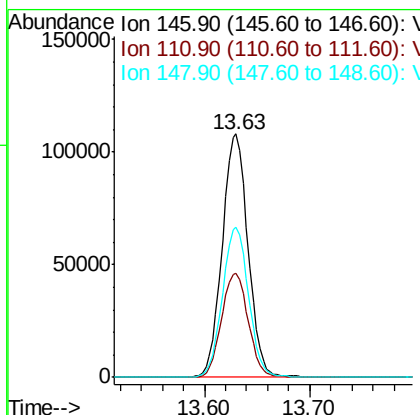
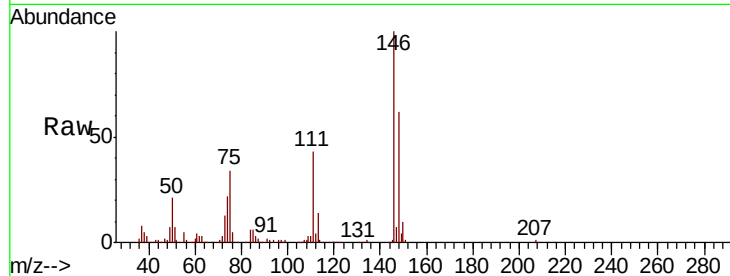




#91
 1,2-Dichlorobenzene
 Concen: 17.876 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

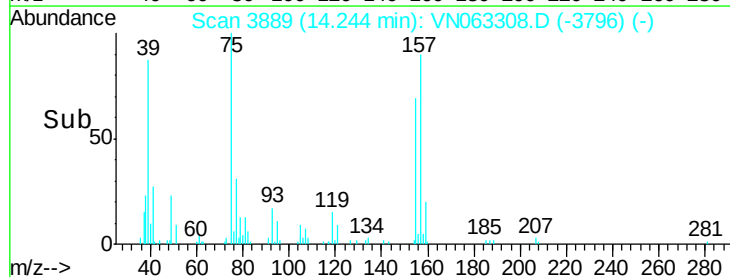
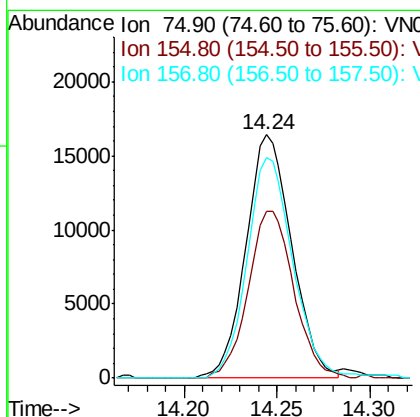
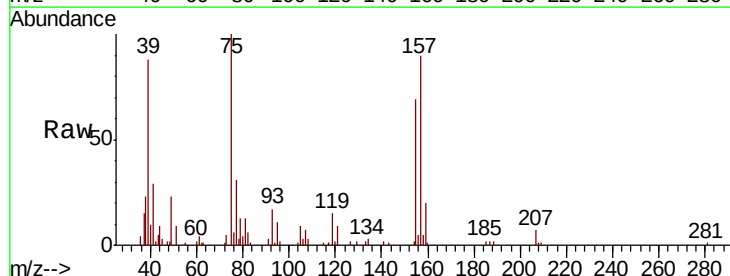
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

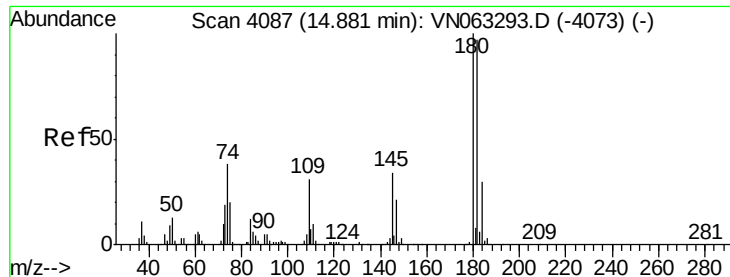
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.1	66.5
148	62.5	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.562 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.1	35.3	105.7
157	90.5	46.7	140.0

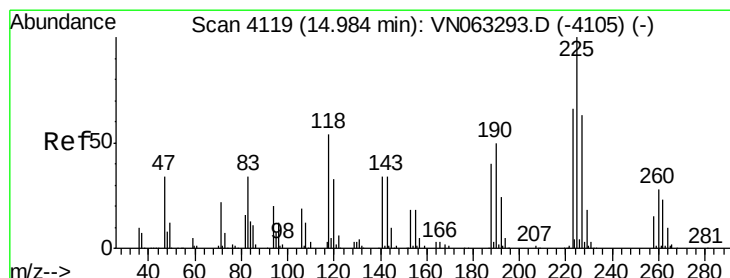
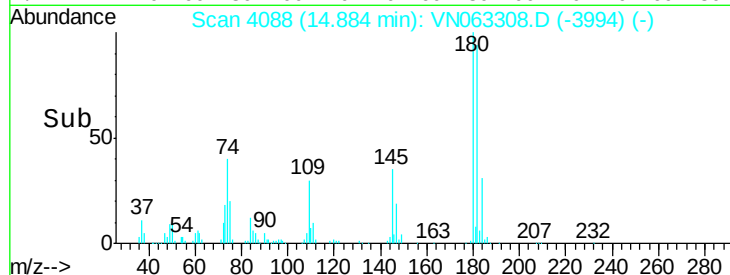
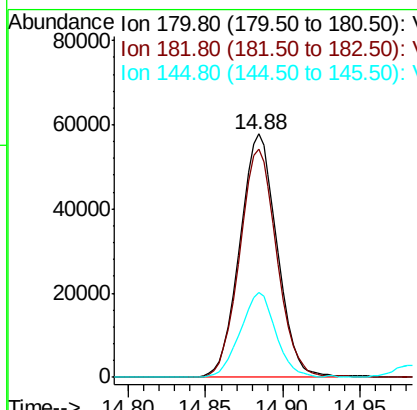
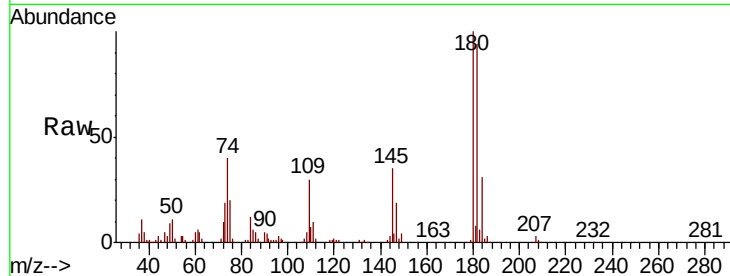




#93
 1,2,4-Trichlorobenzene
 Concen: 16.118 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

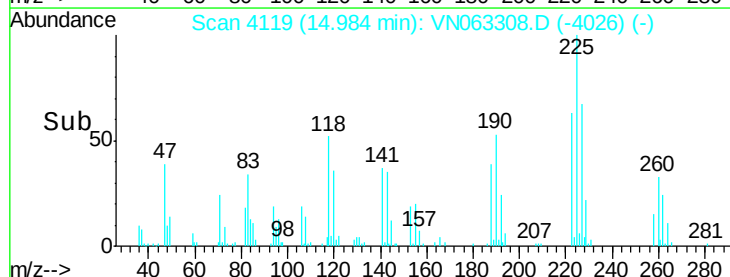
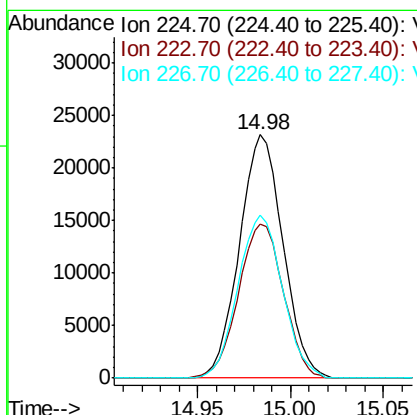
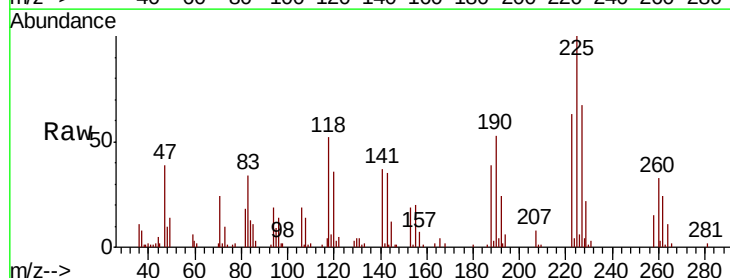
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

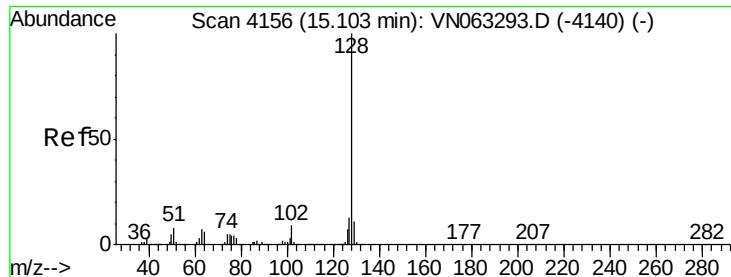
Tot Ion:180 Resp: 96724
 Ion Ratio Lower Upper
 180 100
 182 94.2 48.0 144.2
 145 33.4 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 16.636 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063308.D
 Acq: 11 Sep 2020 12:27

Tgt Ion:225 Resp: 37819
 Ion Ratio Lower Upper
 225 100
 223 65.3 31.3 93.9
 227 68.1 31.2 93.6





#95

Naphthalene

Concen: 16.317 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

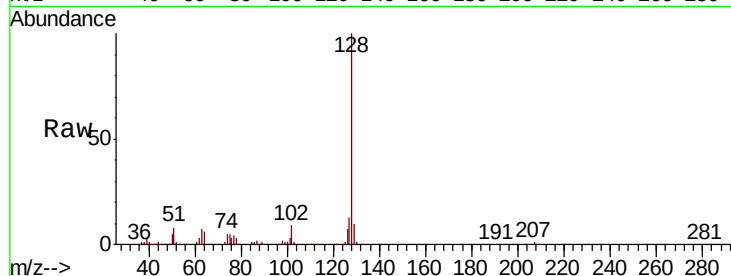
Tot Ion:128 Resp: 300756

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

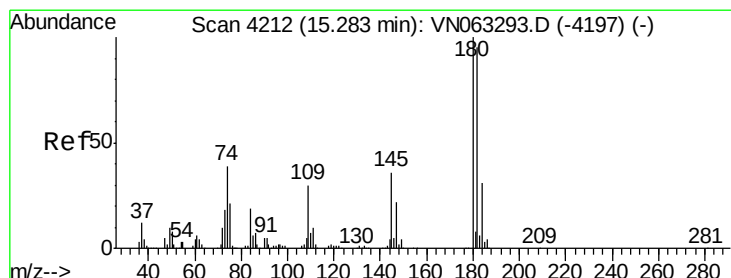
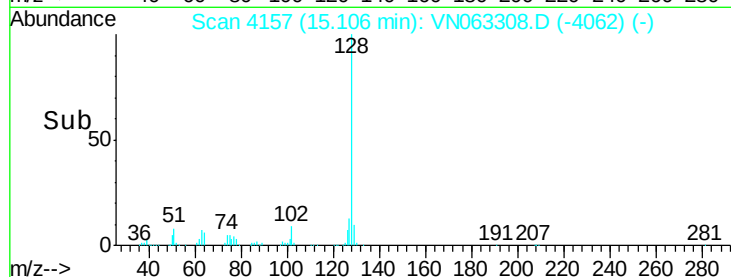
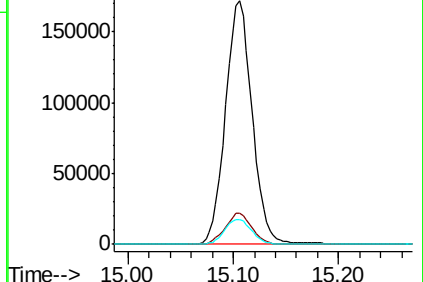
129 10.5 8.6 12.8



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: 16.816 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063308.D

Acq: 11 Sep 2020 12:27

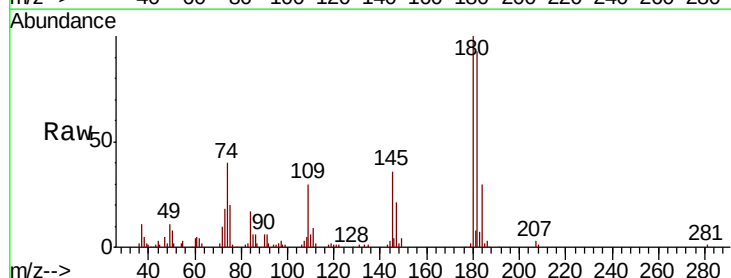
Tgt Ion:180 Resp: 93576

Ion Ratio Lower Upper

180 100

182 93.8 47.4 142.3

145 35.3 17.2 51.6



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

