

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
 Data File : VN062729.D
 Acq On : 3 Aug 2020 12:36
 Operator : JC/MD
 Sample : VN0803WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD01

Quant Time: Aug 04 03:27:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	136848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	224097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	209713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	99320	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	121056	56.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.88%	
35) Dibromofluoromethane	7.55	113	80840	54.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.84%	
50) Toluene-d8	10.06	98	299966	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.37	95	113526	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	31728	19.437	ug/l	96
3) Chloromethane	2.03	50	33028	14.918	ug/l	98
4) Vinyl Chloride	2.16	62	32341	16.851	ug/l	99
5) Bromomethane	2.52	94	20721	24.375	ug/l	99
6) Chloroethane	2.67	64	19789	22.794	ug/l	99
7) Trichlorofluoromethane	2.98	101	56864	25.234	ug/l	95
8) Diethyl Ether	3.37	74	21114	20.036	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.71	101	30490	21.103	ug/l	99
10) Methyl Iodide	3.91	142	36315	19.660	ug/l	92
11) Tert butyl alcohol	4.73	59	32765	96.885	ug/l	97
12) 1,1-Dichloroethene	3.69	96	28524	19.466	ug/l	98
13) Acrolein	3.57	56	15082	49.756	ug/l	96
14) Allyl chloride	4.27	41	55295	17.446	ug/l	92
15) Acrylonitrile	4.93	53	85933	94.868	ug/l	97
16) Acetone	3.77	43	78180	97.727	ug/l	98
17) Carbon Disulfide	4.01	76	80368	16.693	ug/l	99
18) Methyl Acetate	4.28	43	44194	21.822	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	114924	21.309	ug/l	99
20) Methylene Chloride	4.50	84	36149	18.841	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	31472	19.352	ug/l	94
22) Diisopropyl ether	5.90	45	117121	18.590	ug/l	# 90
23) Vinyl Acetate	5.84	43	482797	93.523	ug/l	98
24) 1,1-Dichloroethane	5.80	63	66808	19.692	ug/l	99
25) 2-Butanone	6.79	43	113501	93.160	ug/l	94
26) 2,2-Dichloropropane	6.77	77	61149	21.956	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	37031	19.955	ug/l	99
28) Bromochloromethane	7.15	49	31503	18.868	ug/l	89
29) Tetrahydrofuran	7.17	42	73902	89.643	ug/l	94
30) Chloroform	7.33	83	69013	21.394	ug/l	99
31) Cyclohexane	7.61	56	54580	17.424	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	61527	22.845	ug/l	98
36) 1,1-Dichloropropene	7.75	75	48284	20.214	ug/l	99
37) Ethyl Acetate	6.88	43	47806	18.567	ug/l	99
38) Carbon Tetrachloride	7.73	117	55643	24.235	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	50232	19.536	ug/l	99
40) Benzene	8.00	78	140788	19.469	ug/l	100
41) Methacrylonitrile	7.13	41	21901	19.847	ug/l #	90
42) 1,2-Dichloroethane	8.08	62	60150	22.751	ug/l	96
43) Isopropyl Acetate	8.13	43	79200	19.081	ug/l #	91
44) Trichloroethene	8.80	130	33956	20.822	ug/l	97
45) 1,2-Dichloropropane	9.08	63	38557	18.990	ug/l	96
46) Dibromomethane	9.17	93	25457	21.693	ug/l	97
47) Bromodichloromethane	9.37	83	55761	21.933	ug/l	98
48) Methyl methacrylate	9.17	41	38176	19.348	ug/l	94
49) 1,4-Dioxane	9.16	88	12080	398.610	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	239367	96.379	ug/l	99
52) Toluene	10.12	92	85357	20.327	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	61910	21.875	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	62097	20.447	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	34616	21.253	ug/l	96
56) Ethyl methacrylate	10.40	69	53823	19.521	ug/l	95
57) 1,3-Dichloropropane	10.68	76	60891	20.406	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	74884	95.976	ug/l	97
59) 2-Hexanone	10.72	43	173703	92.325	ug/l	98
60) Dibromochloromethane	10.87	129	41276	22.716	ug/l	100
61) 1,2-Dibromoethane	10.98	107	34849	20.547	ug/l	99
64) Tetrachloroethene	10.60	164	28980	21.269	ug/l	97
65) Chlorobenzene	11.41	112	91954	20.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	36378	21.995	ug/l	96
67) Ethyl Benzene	11.48	91	164814	20.446	ug/l	100
68) m/p-Xylenes	11.60	106	121496	41.933	ug/l	97
69) o-Xylene	11.92	106	57823	21.016	ug/l	96
70) Styrene	11.94	104	100545	21.633	ug/l	97
71) Bromoform	12.10	173	28667	23.084	ug/l #	99
73) Isopropylbenzene	12.22	105	162884	20.741	ug/l	98
74) N-amyl acetate	12.05	43	68096	19.416	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	53572	19.630	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	68596	27.134	ug/l #	100
77) Bromobenzene	12.50	156	38669	20.489	ug/l	94
78) n-propylbenzene	12.57	91	188221	20.461	ug/l	100
79) 2-Chlorotoluene	12.65	91	117487	20.724	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	142526	21.879	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	17412	19.173	ug/l	90
82) 4-Chlorotoluene	12.75	91	120649	20.446	ug/l	99
83) tert-Butylbenzene	12.97	119	118205	21.852	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	140376	21.966	ug/l	98
85) sec-Butylbenzene	13.15	105	156551	21.618	ug/l	99
86) p-Isopropyltoluene	13.26	119	140539	22.564	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	68068	20.552	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	68863	21.122	ug/l	98
89) n-Butylbenzene	13.59	91	115009	21.490	ug/l	100
90) Hexachloroethane	13.85	117	27627	20.836	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	64462	20.355	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10475	21.141	ug/l	96

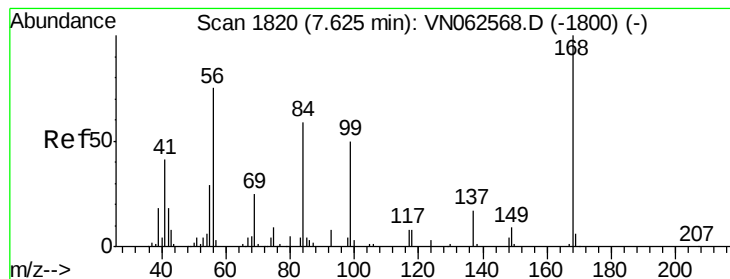
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
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Quant Time: Aug 04 03:27:28 2020
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	30684	20.388	ug/l	97
94) Hexachlorobutadiene	14.98	225	21873	25.317	ug/l	98
95) Naphthalene	15.10	128	76846	19.851	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	30828	20.657	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

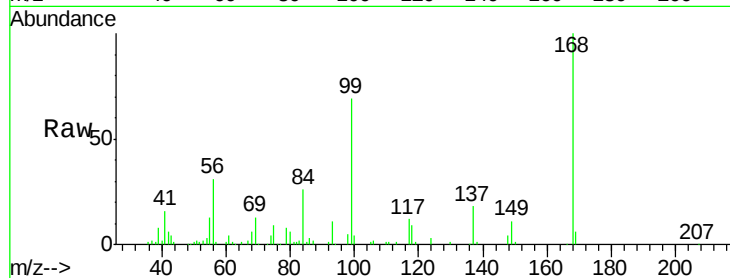
VN0803WBSD01

Tot Ion:168 Resp: 136848

Ion Ratio Lower Upper

168 100

99 68.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

60000

50000

40000

30000

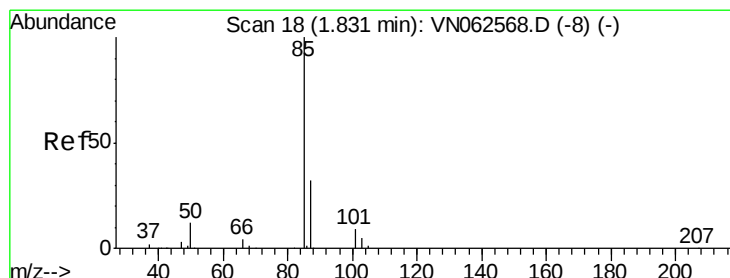
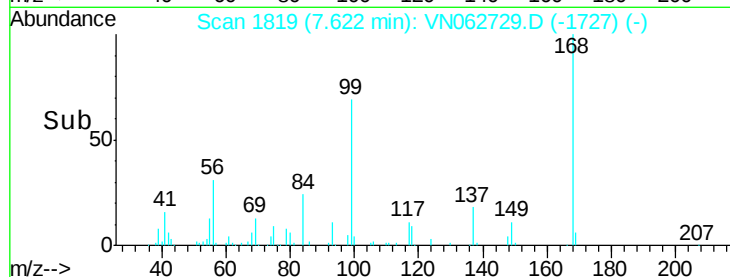
20000

10000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.437 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062729.D

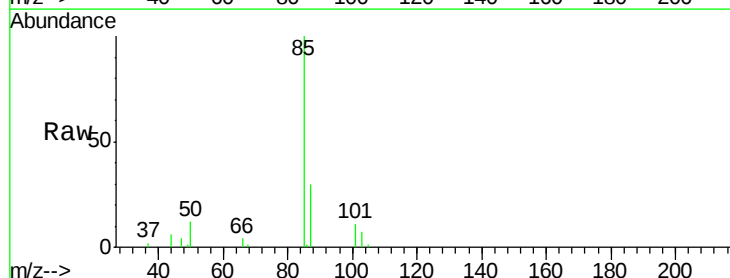
Acq: 3 Aug 2020 12:36

Tgt Ion: 85 Resp: 31728

Ion Ratio Lower Upper

85 100

87 30.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

25000

20000

15000

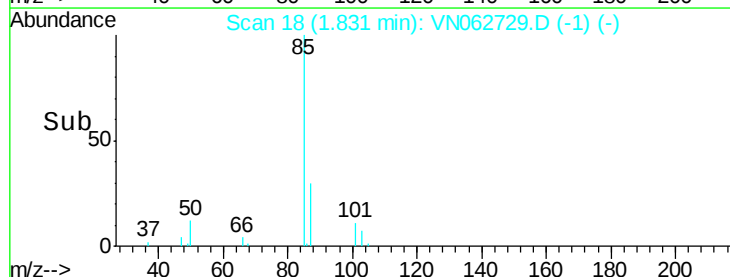
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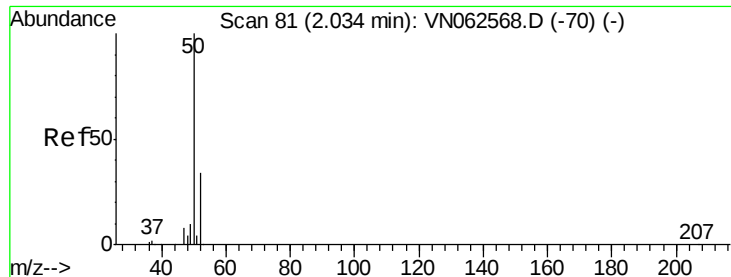
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 14.918 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampled :

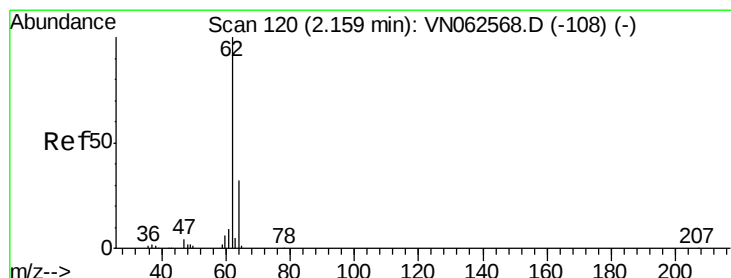
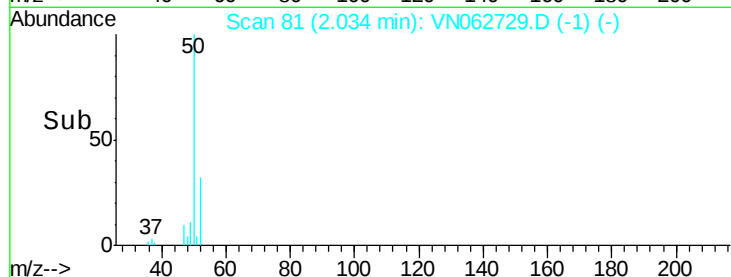
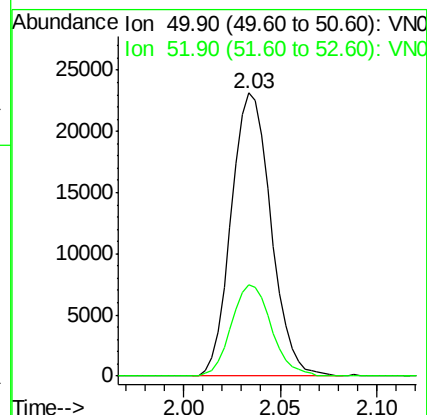
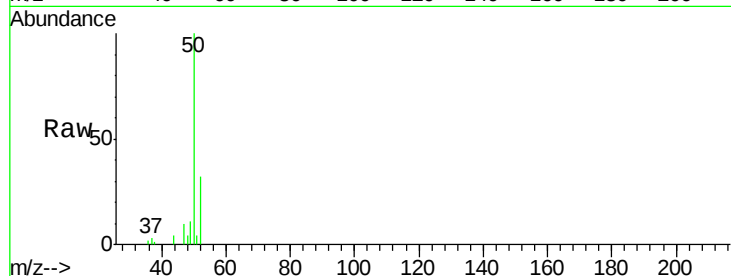
VN0803WBSD01

Tot Ion: 50 Resp: 33028

Ion Ratio Lower Upper

50 100

52 32.3 27.0 40.4



#4

Vinyl Chloride

Concen: 16.851 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062729.D

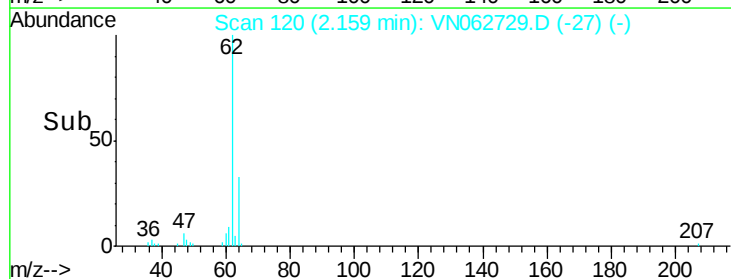
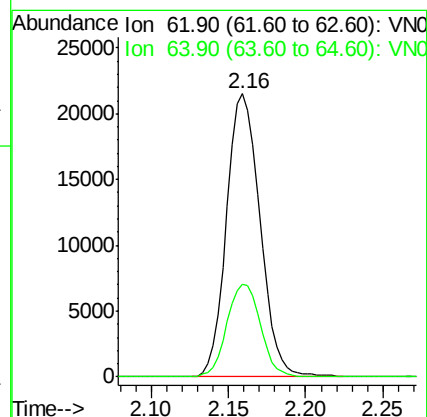
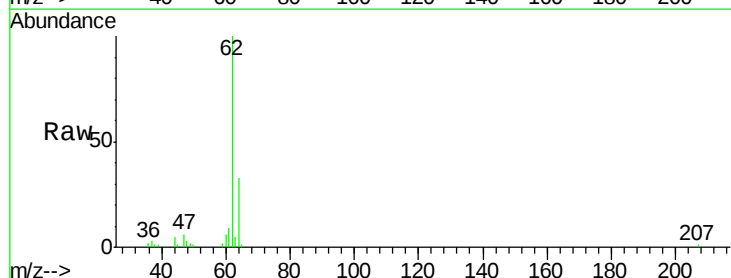
Acq: 3 Aug 2020 12:36

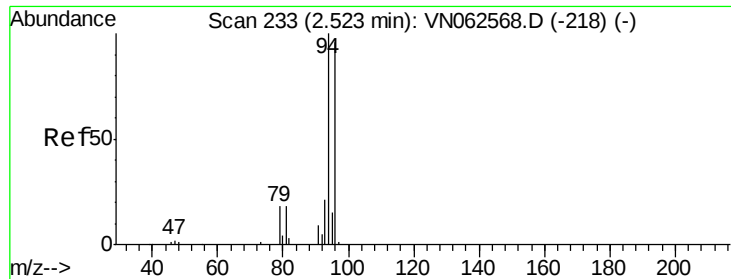
Tgt Ion: 62 Resp: 32341

Ion Ratio Lower Upper

62 100

64 32.7 25.8 38.8





#5

Bromomethane

Concen: 24.375 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

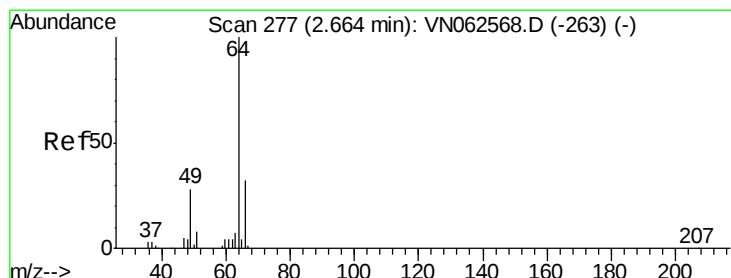
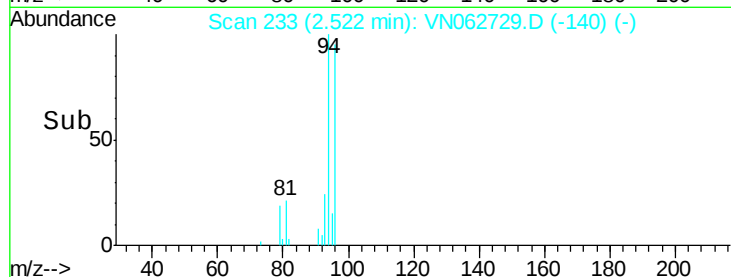
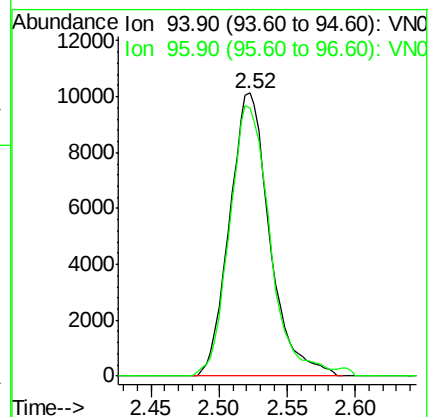
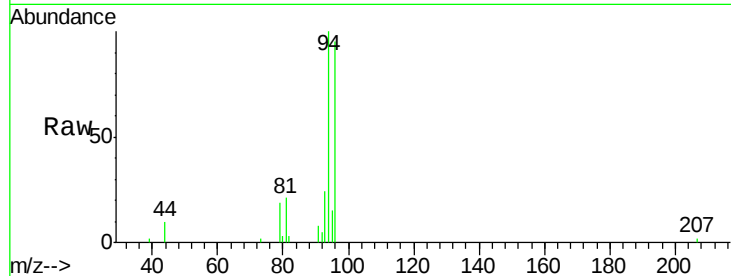
VN0803WBSD01

Tot Ion: 94 Resp: 20721

Ion Ratio Lower Upper

94 100

96 94.9 76.6 114.8



#6

Chloroethane

Concen: 22.794 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062729.D

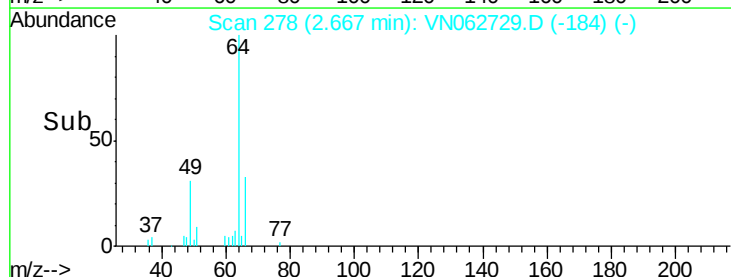
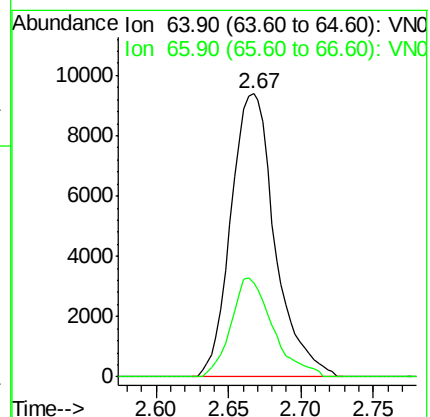
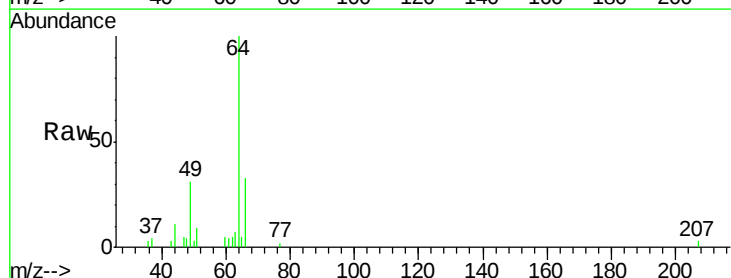
Acq: 3 Aug 2020 12:36

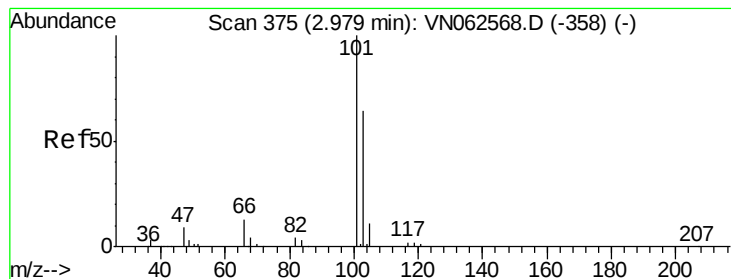
Tgt Ion: 64 Resp: 19789

Ion Ratio Lower Upper

64 100

66 33.0 25.8 38.8



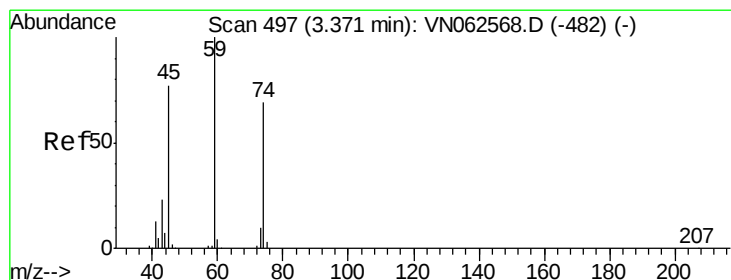
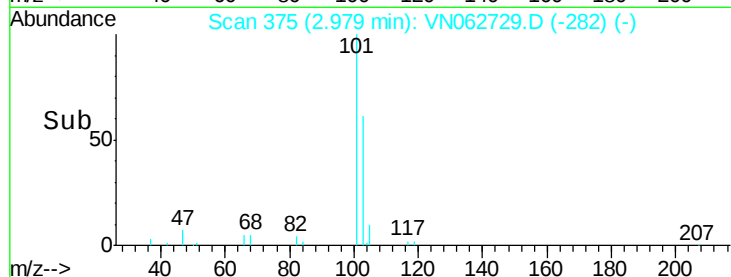
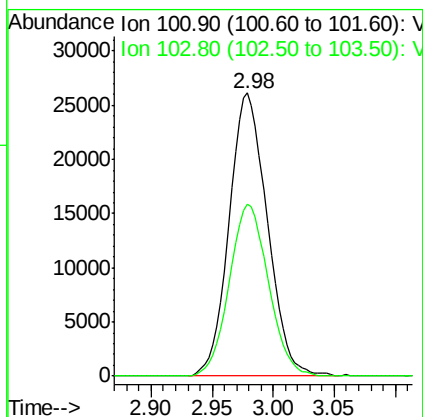
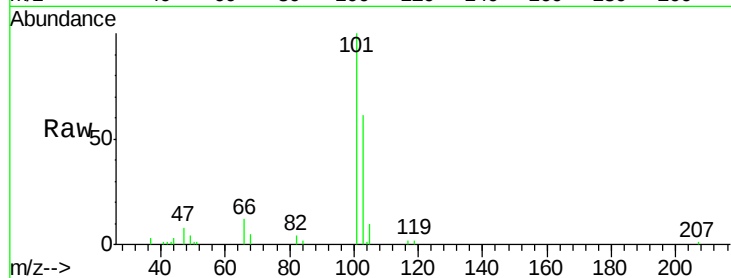


#7

Trichlorofluoromethane
 Concen: 25.234 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Instrument :
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 ClientSampleId :
 VN0803WBSD01

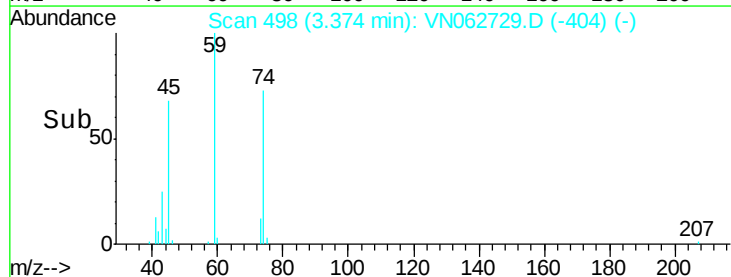
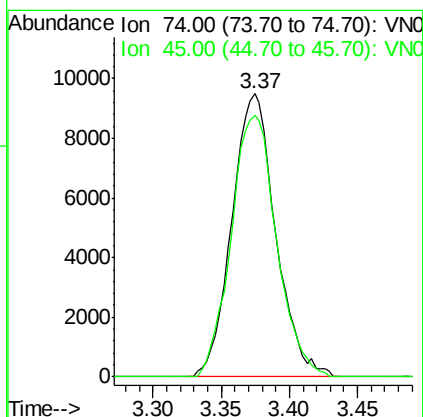
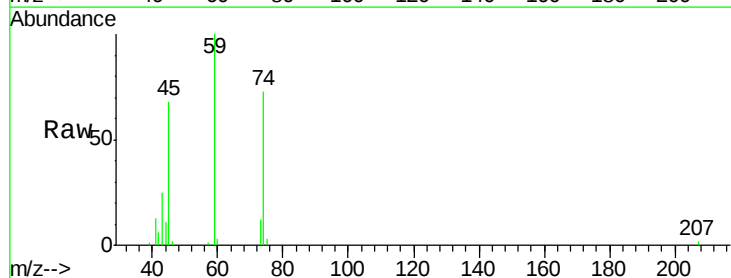
Tot Ion:101 Resp: 56864
 Ion Ratio Lower Upper
 101 100
 103 60.8 51.5 77.3

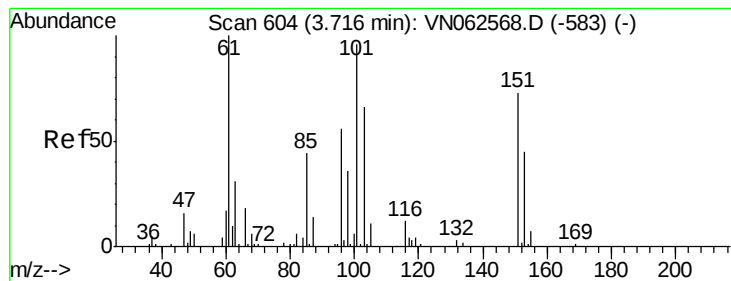


#8

Diethyl Ether
 Concen: 20.036 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Tgt Ion: 74 Resp: 21114
 Ion Ratio Lower Upper
 74 100
 45 96.0 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.103 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampled :

VN0803WBSD01

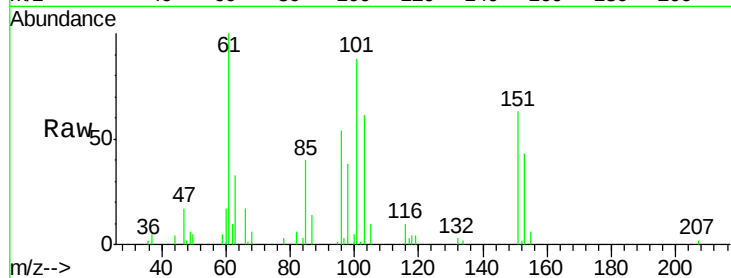
Tot Ion:101 Resp: 30490

Ion Ratio Lower Upper

101 100

85 47.3 36.0 54.0

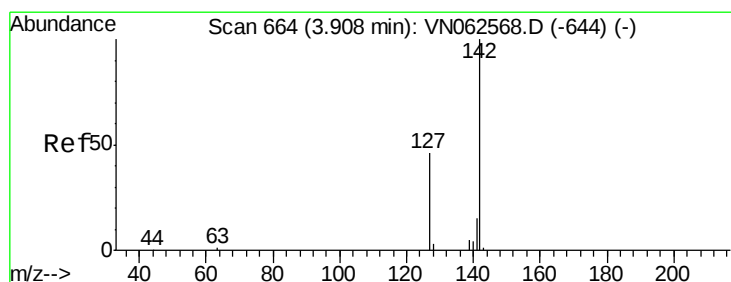
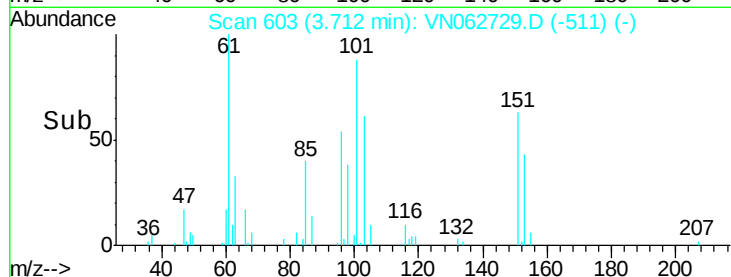
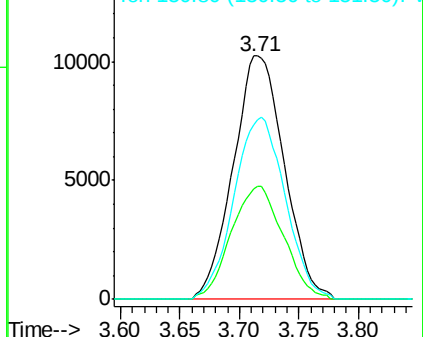
151 75.0 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.660 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

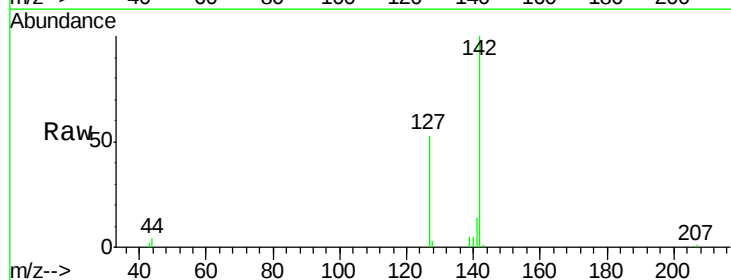
Tgt Ion:142 Resp: 36315

Ion Ratio Lower Upper

142 100

127 52.8 37.4 56.0

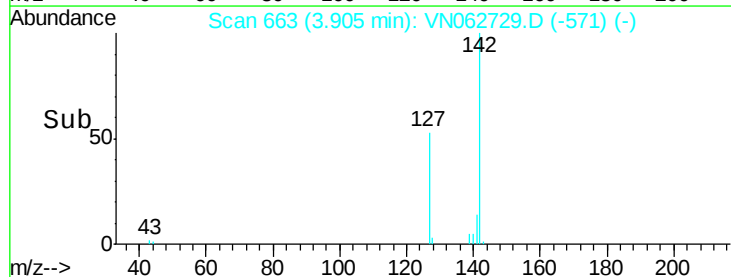
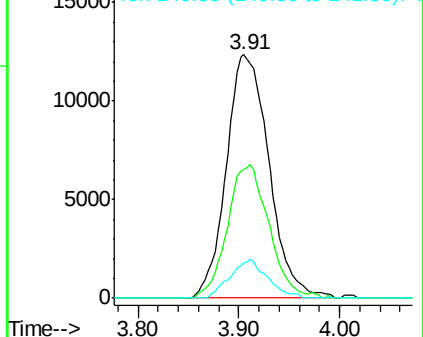
141 13.9 11.9 17.9

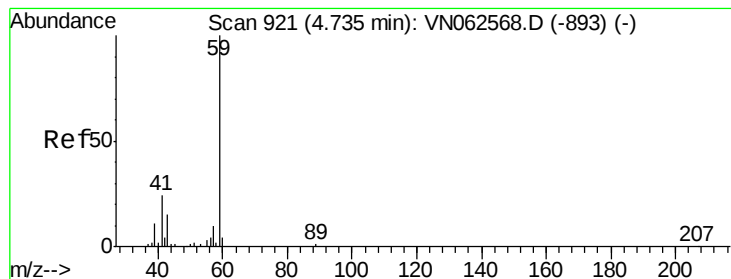


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 96.885 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.01 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

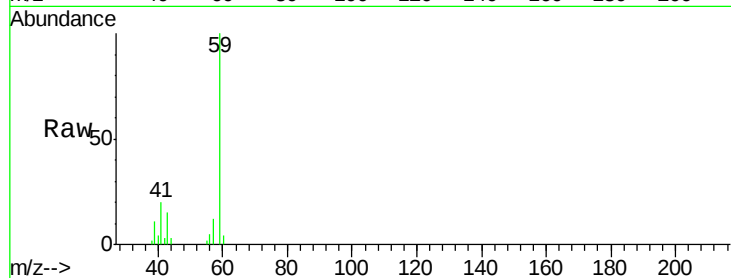
VN0803WBSD01

Tot Ion: 59 Resp: 32765

Ion Ratio Lower Upper

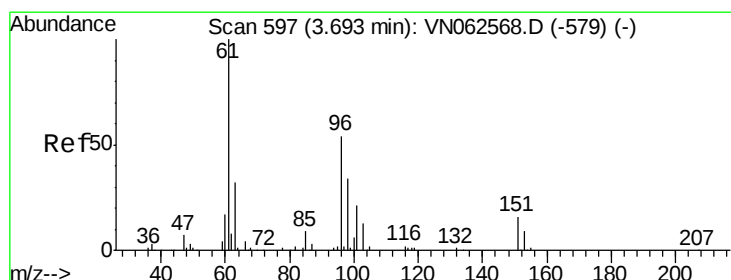
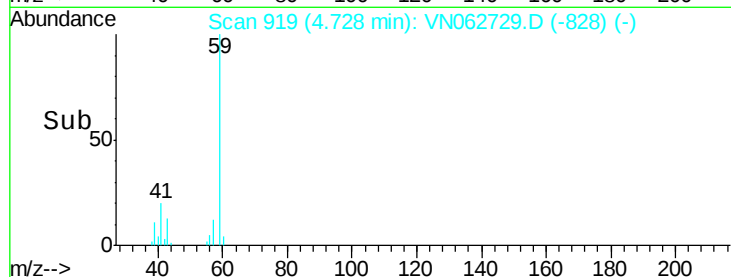
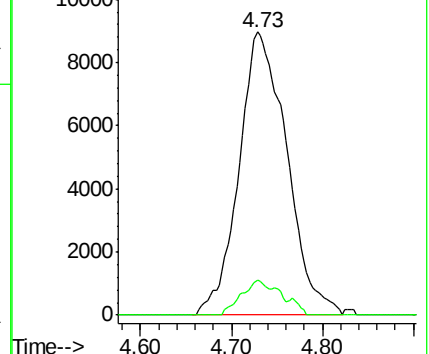
59 100

57 9.1 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 19.466 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

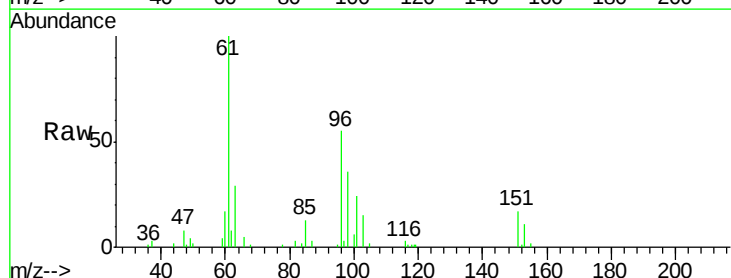
Tgt Ion: 96 Resp: 28524

Ion Ratio Lower Upper

96 100

61 183.1 148.6 222.8

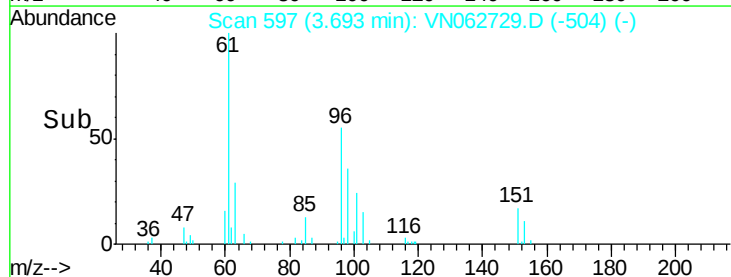
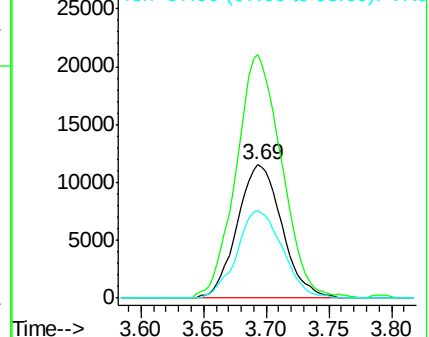
98 65.5 50.6 75.8

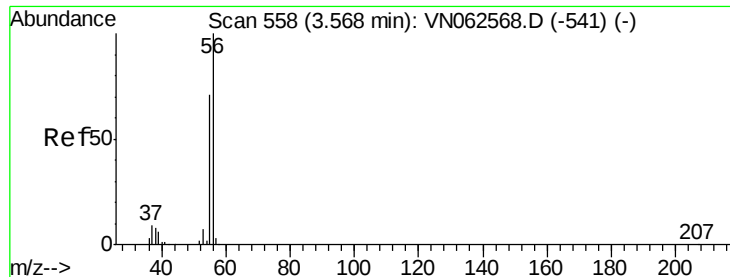


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 49.756 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

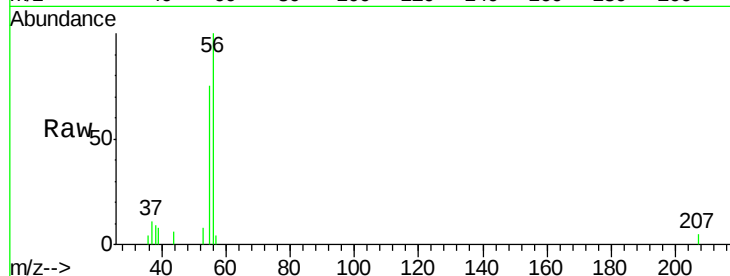
VN0803WBSD01

Tot Ion: 56 Resp: 15082

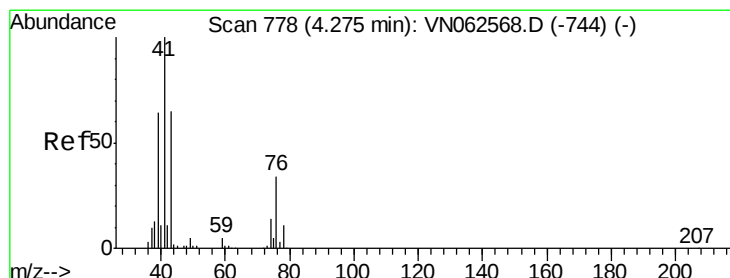
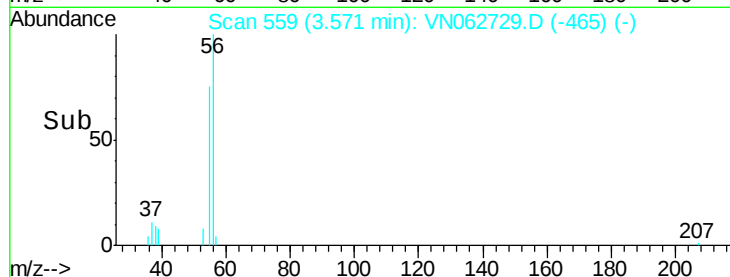
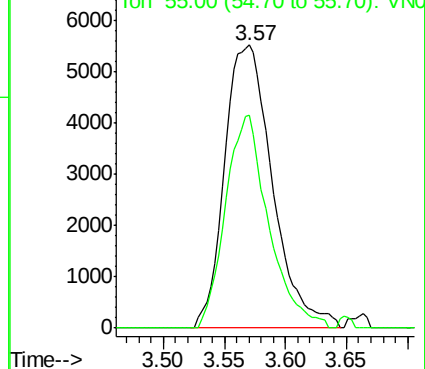
Ion Ratio Lower Upper

56 100

55 67.7 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VN062568.D (-541) (-)



#14

Allyl chloride

Concen: 17.446 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

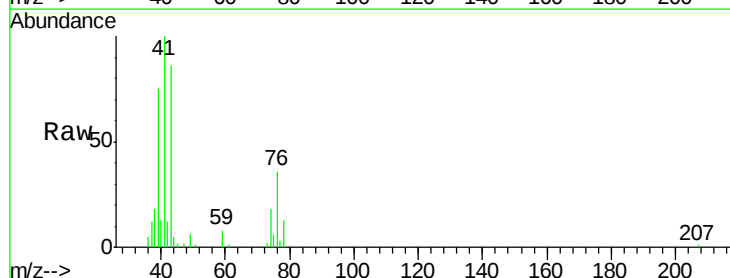
Tgt Ion: 41 Resp: 55295

Ion Ratio Lower Upper

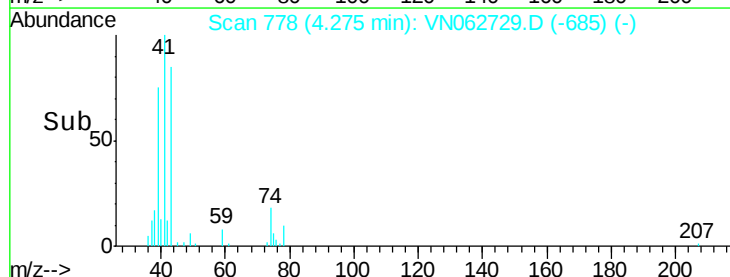
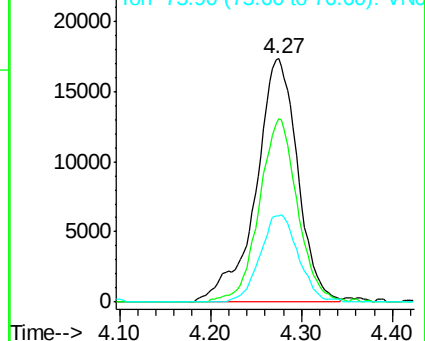
41 100

39 68.6 49.0 73.4

76 32.8 24.0 36.0



Abundance Ion 41.00 (40.70 to 41.70): VN062568.D (-744) (-)





#15

Acrylonitrile

Concen: 94.868 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

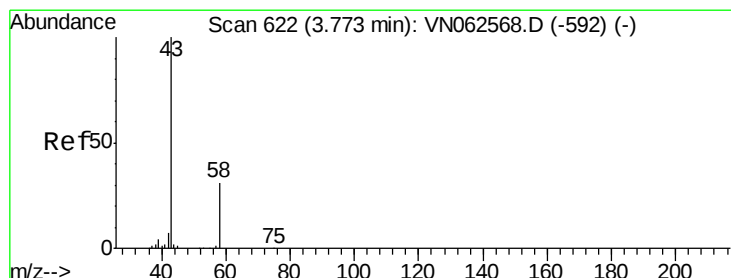
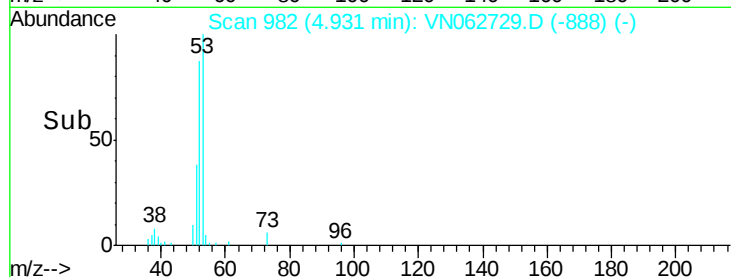
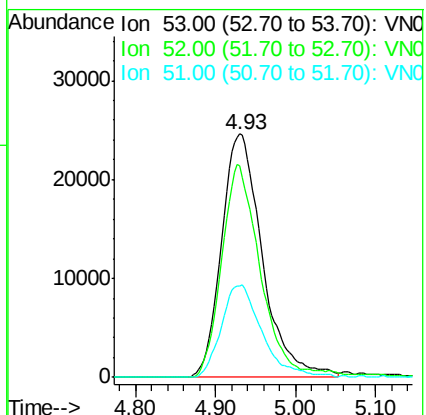
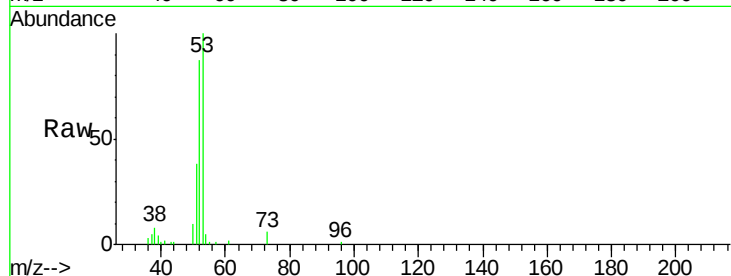
Tot Ion: 53 Resp: 85933

Ion Ratio Lower Upper

53 100

52 80.8 66.3 99.5

51 37.5 28.6 43.0



#16

Acetone

Concen: 97.727 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062729.D

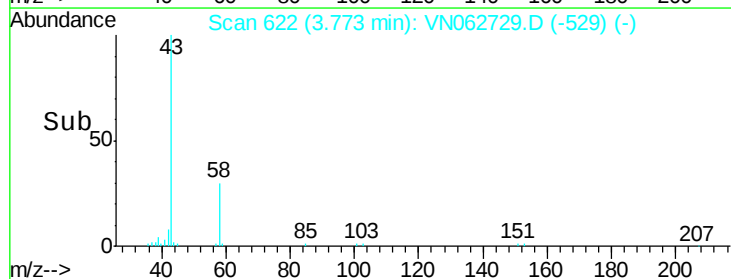
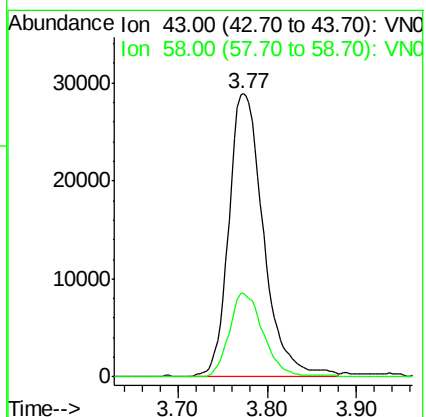
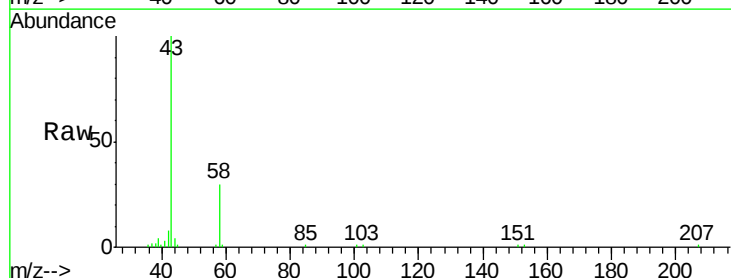
Acq: 3 Aug 2020 12:36

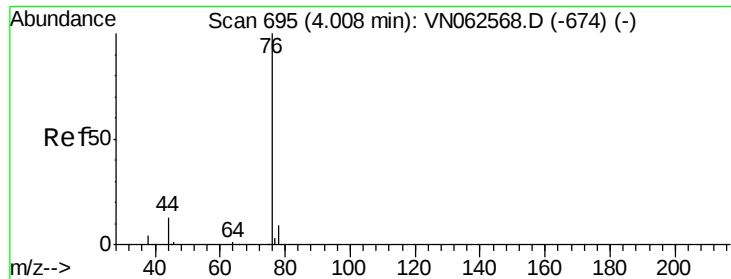
Tgt Ion: 43 Resp: 78180

Ion Ratio Lower Upper

43 100

58 29.8 24.6 37.0

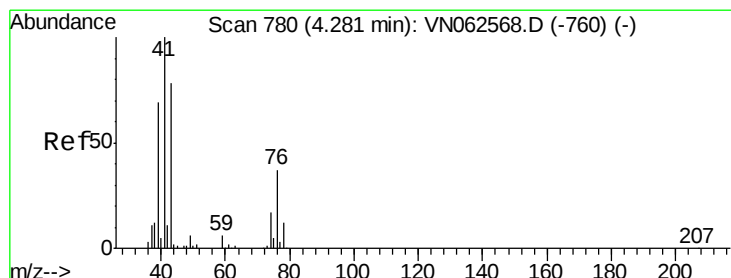
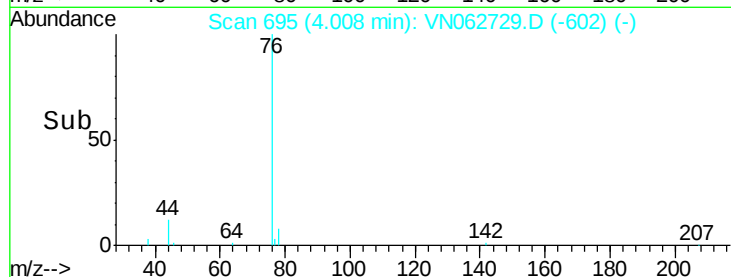
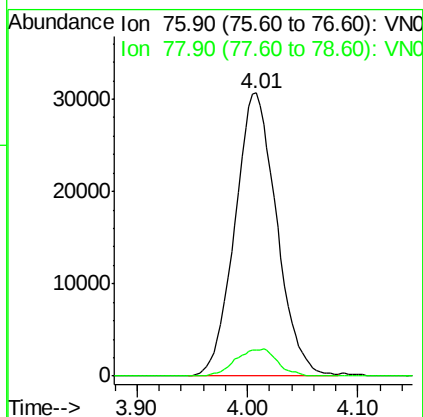
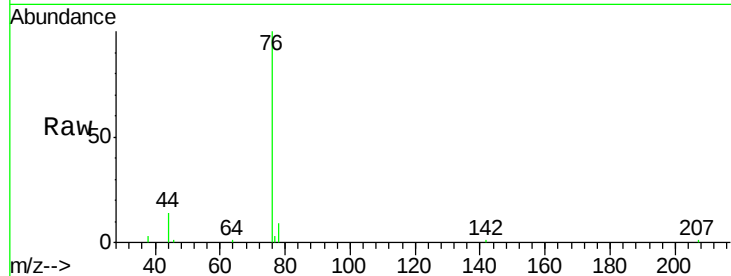




#17
Carbon Disulfide
Concen: 16.693 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

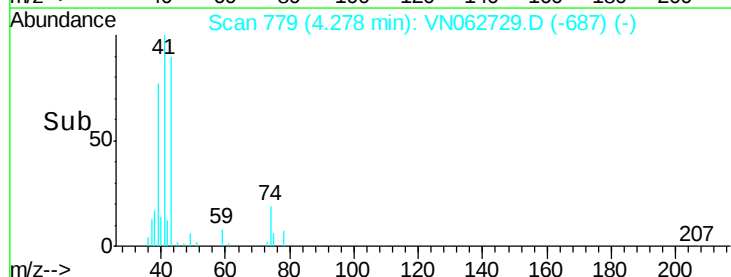
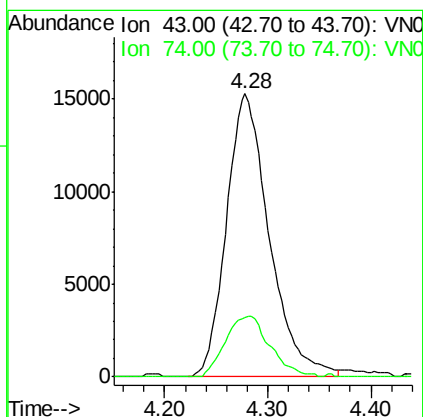
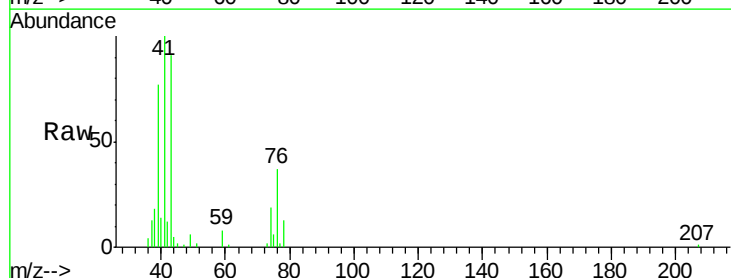
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

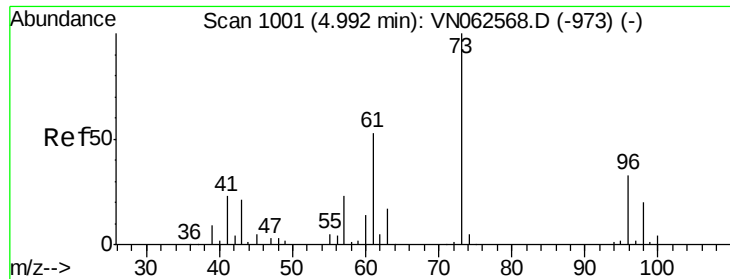
Tot Ion: 76 Resp: 80368
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 21.822 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion: 43 Resp: 44194
Ion Ratio Lower Upper
43 100
74 22.2 16.6 24.8

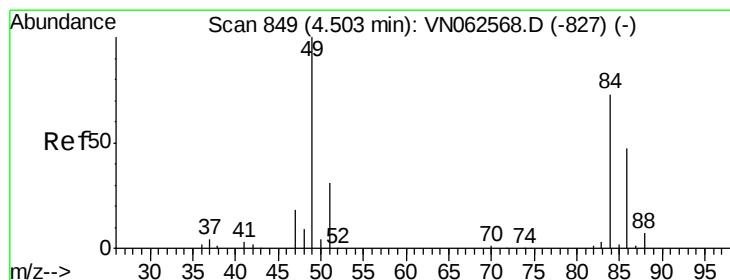
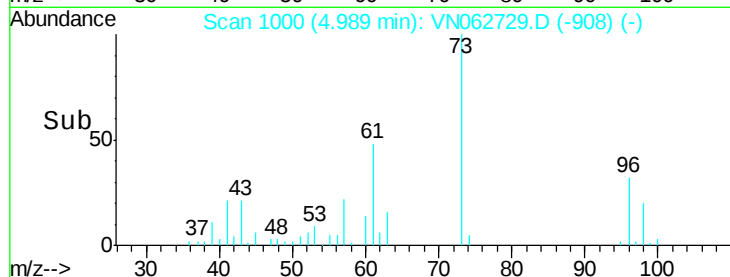
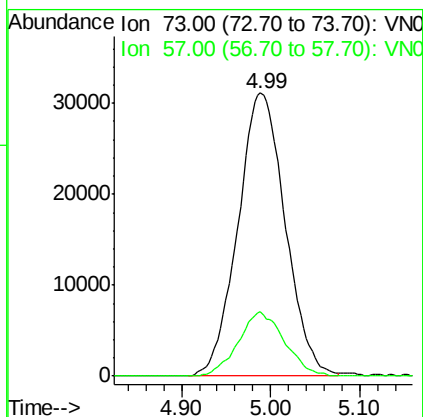
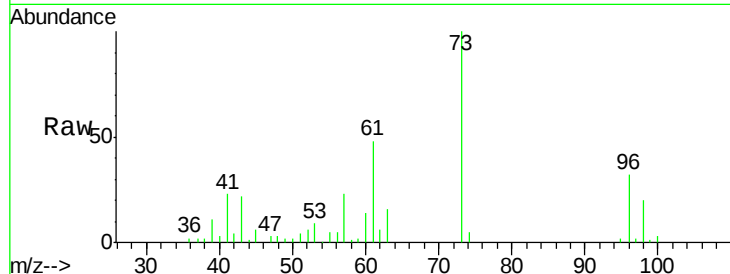




#19
Methvl tert-butvl Ether
Concen: 21.309 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

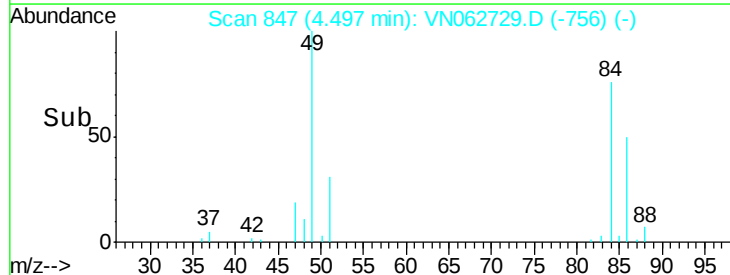
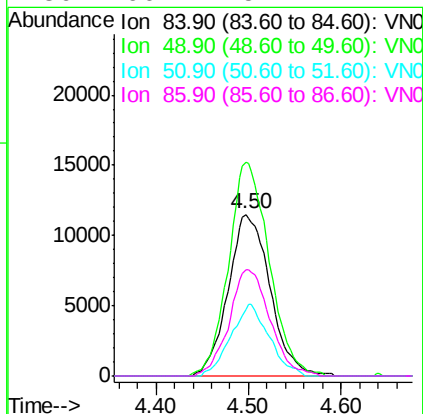
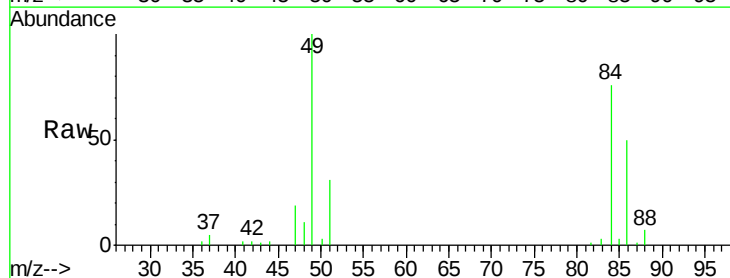
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

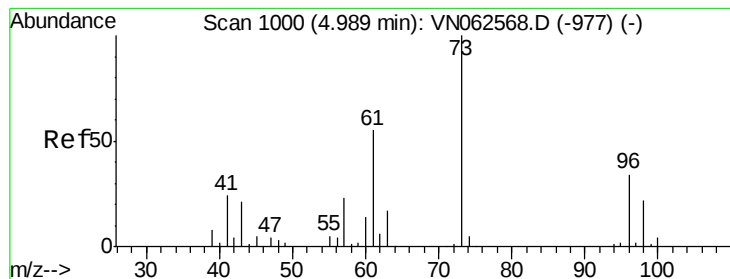
Tot Ion: 73 Resp: 114924
Ion Ratio Lower Upper
73 100
57 22.6 18.6 27.8



#20
Methylene Chloride
Concen: 18.841 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion: 84 Resp: 36149
Ion Ratio Lower Upper
84 100
49 132.4 109.4 164.0
51 41.1 33.6 50.4
86 66.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 19.352 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

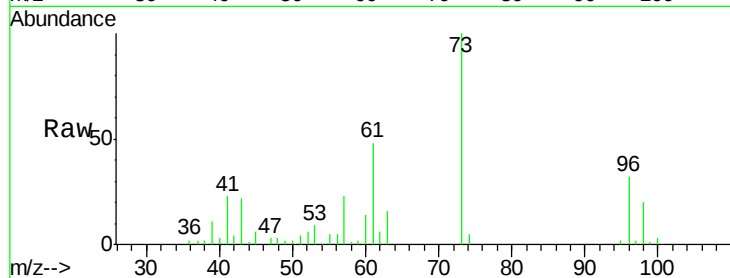
Tot Ion: 96 Resp: 31472

Ion Ratio Lower Upper

96 100

61 150.5 128.6 192.8

98 62.7 50.6 76.0

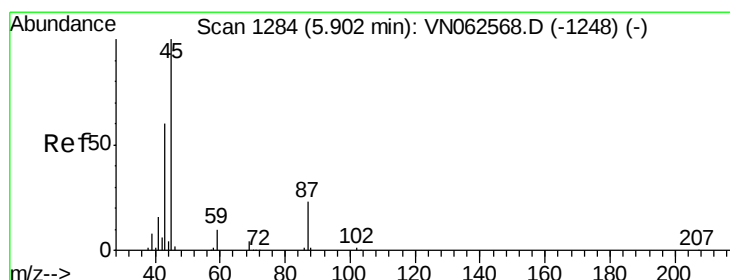
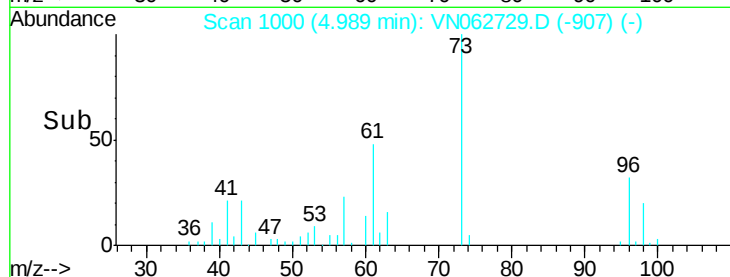
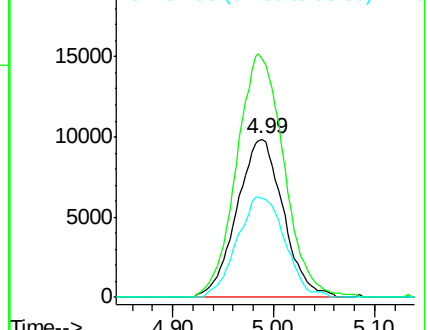


Abundance

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



#22

Diisopropyl ether

Concen: 18.590 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Tgt Ion: 45 Resp: 117121

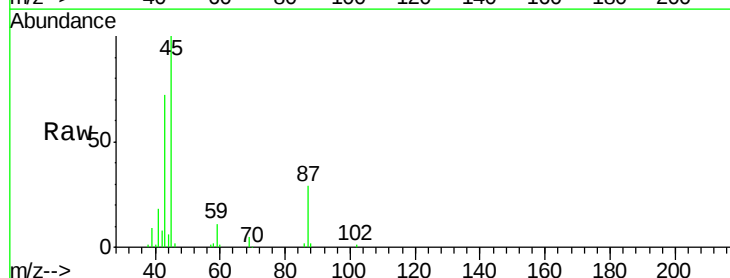
Ion Ratio Lower Upper

45 100

43 69.6 48.7 73.1

87 28.7 19.0 28.6#

59 11.0 8.6 13.0



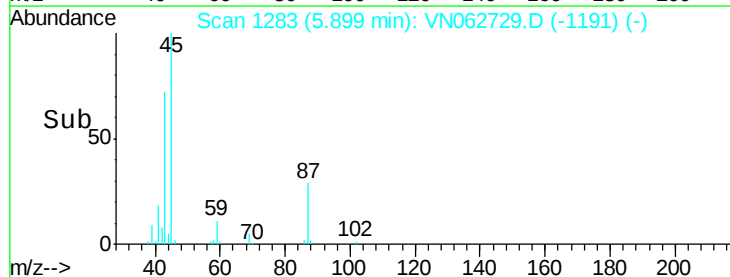
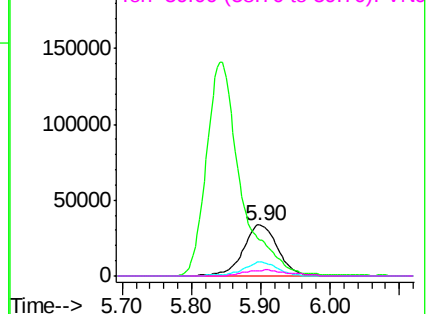
Abundance

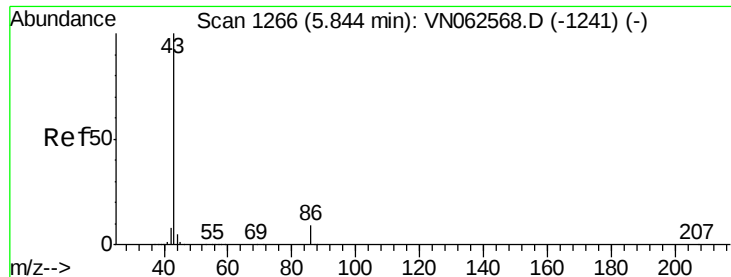
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 93.523 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

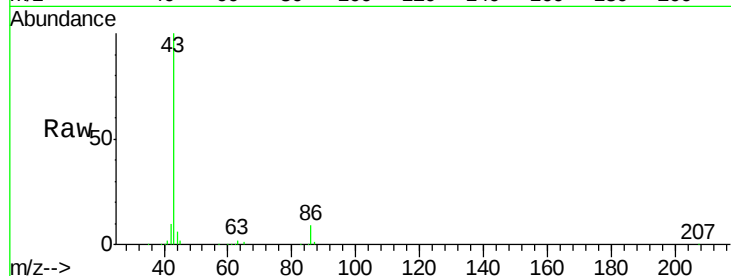
VN0803WBSD01

Tot Ion: 43 Resp: 482797

Ion Ratio Lower Upper

43 100

86 9.2 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

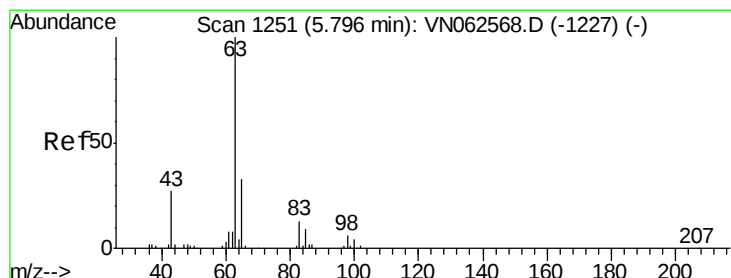
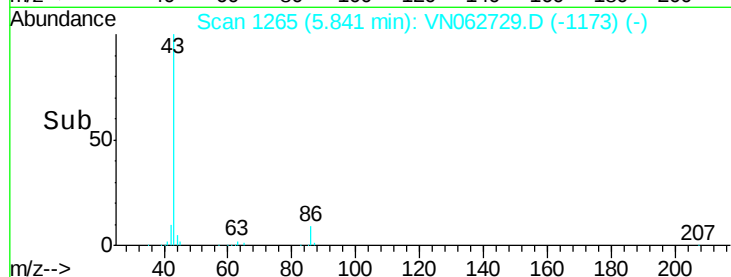
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.692 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

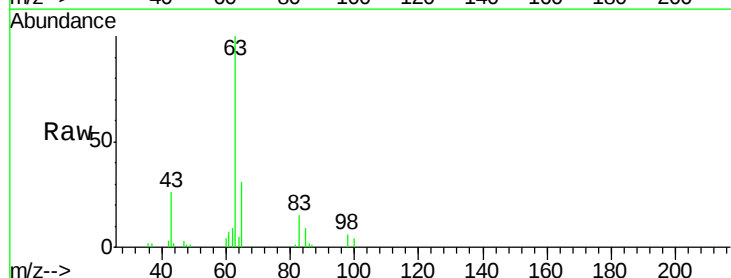
Tgt Ion: 63 Resp: 66808

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 3.7 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

25000

20000

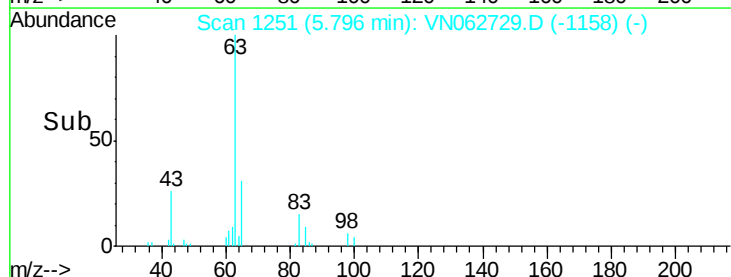
15000

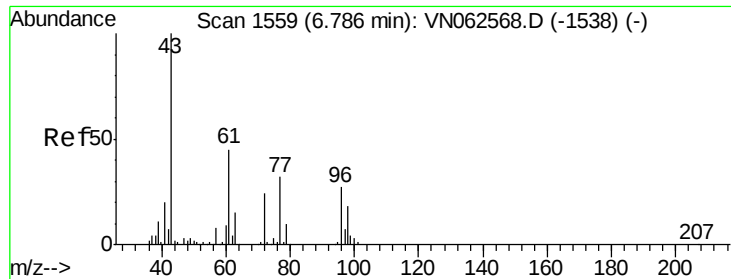
10000

5000

0

Time-->

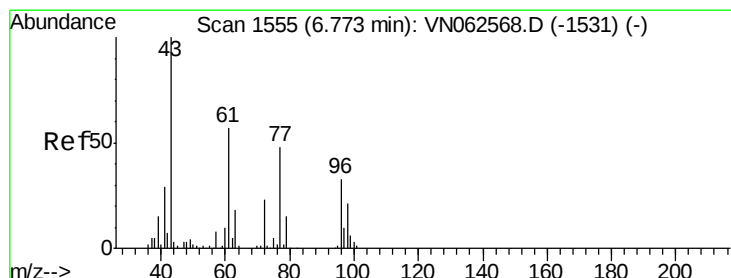
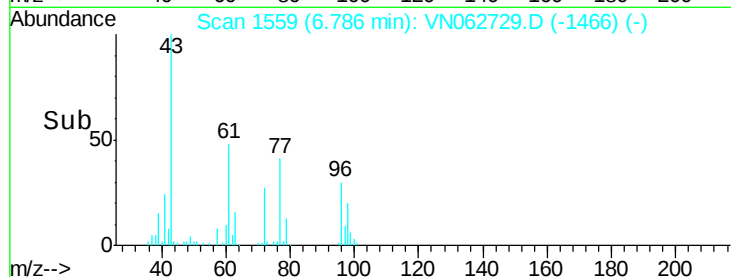
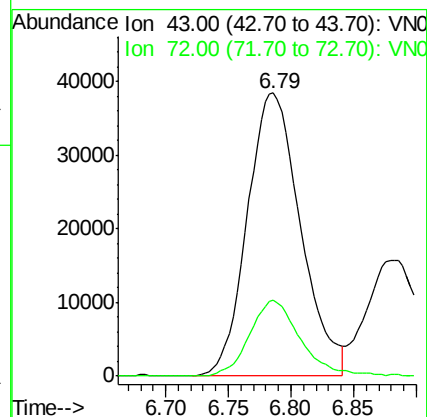
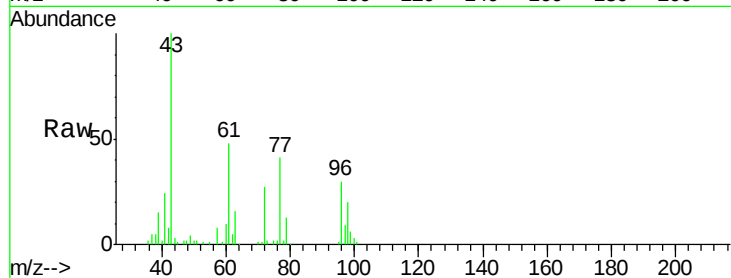




#25
2-Butanone
Concen: 93.160 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

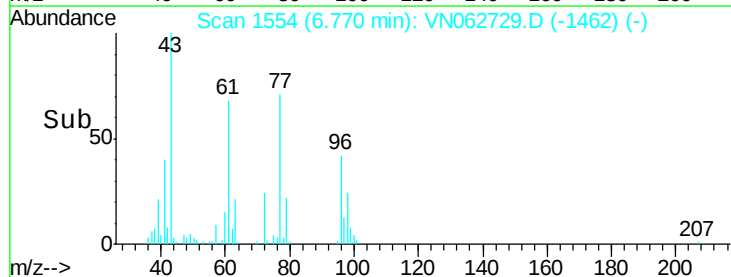
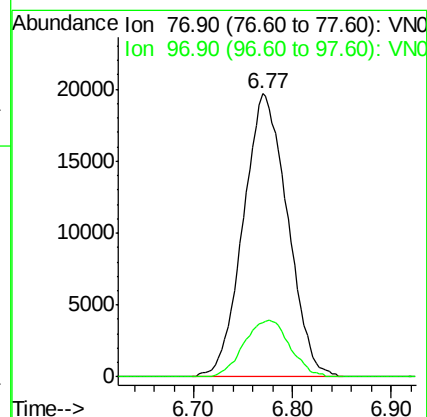
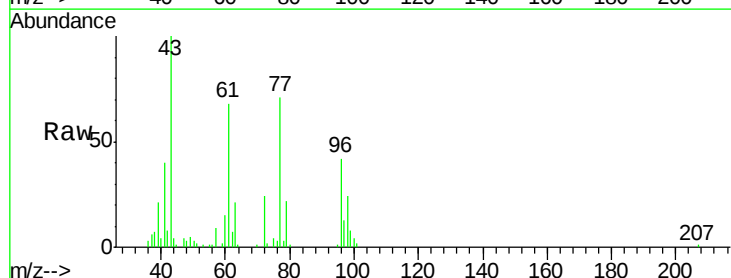
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

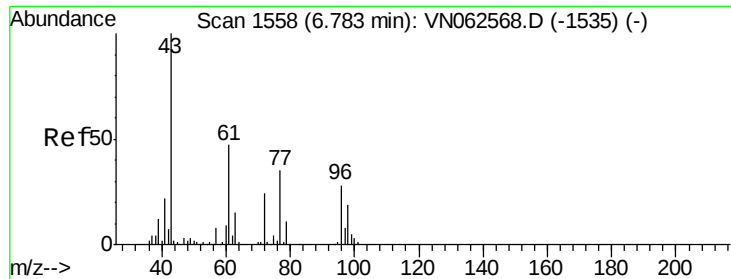
Tot Ion: 43 Resp: 113501
Ion Ratio Lower Upper
43 100
72 26.7 19.0 28.6



#26
2,2-Dichloropropane
Concen: 21.956 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion: 77 Resp: 61149
Ion Ratio Lower Upper
77 100
97 20.7 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 19.955 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.01 min

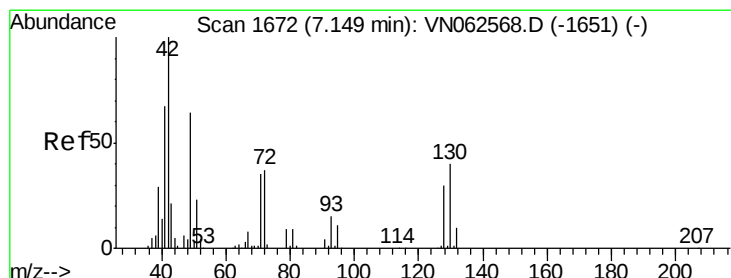
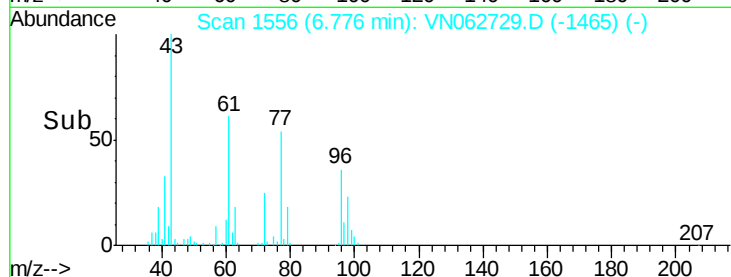
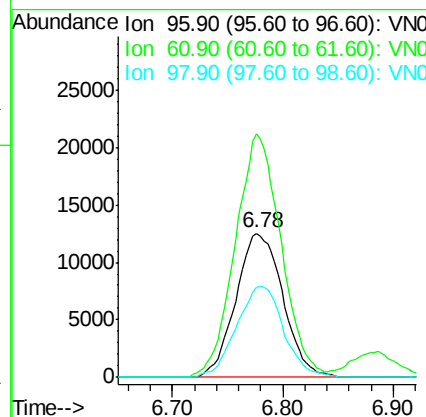
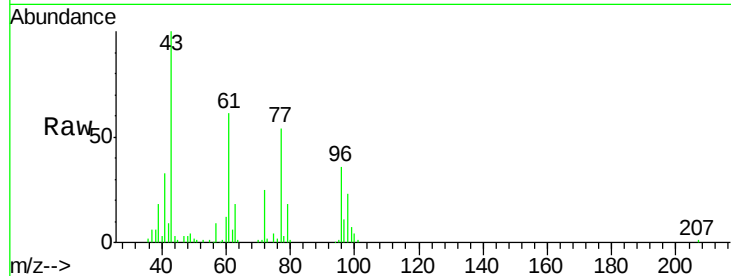
Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

Tot Ion: 96 Resp: 37031

Ion	Ratio	Lower	Upper
96	100		
61	164.3	0.0	332.4
98	63.3	0.0	127.4



#28

Bromochloromethane

Concen: 18.868 ug/l

RT: 7.15 min Scan# 1672

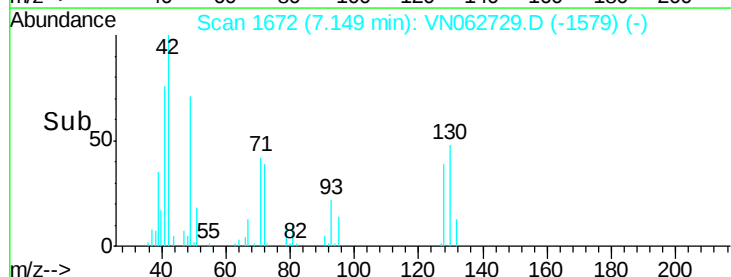
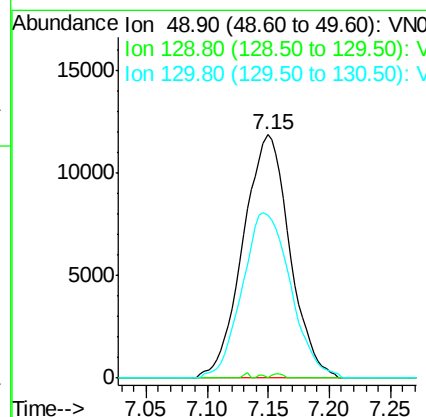
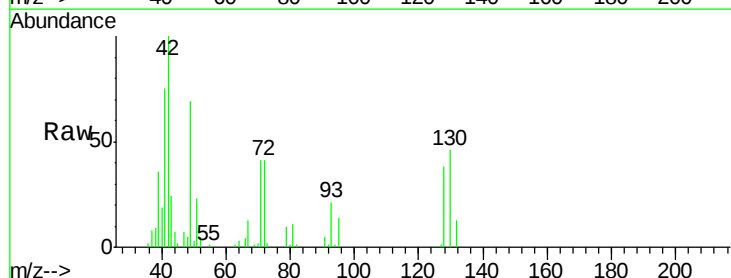
Delta R.T. -0.00 min

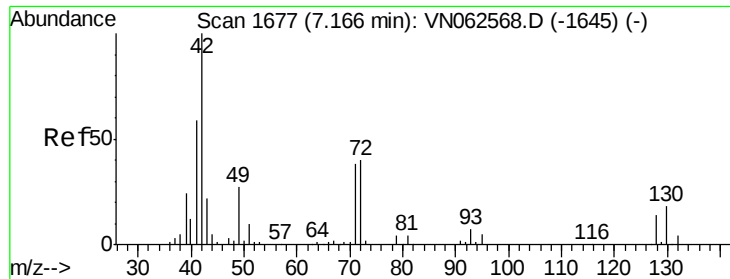
Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Tgt Ion: 49 Resp: 31503

Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	3.4
130	70.6	49.8	74.8

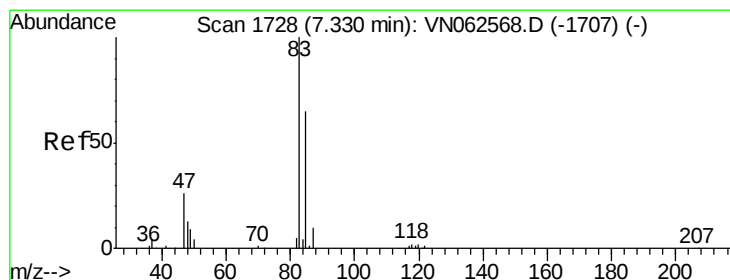
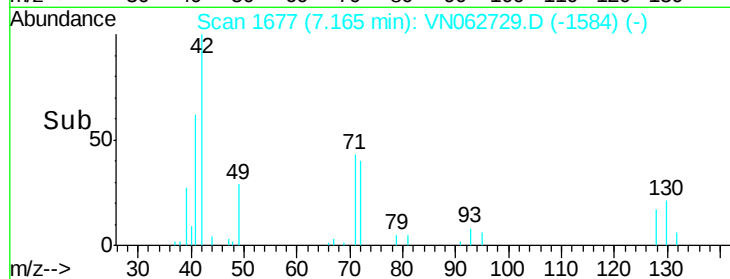
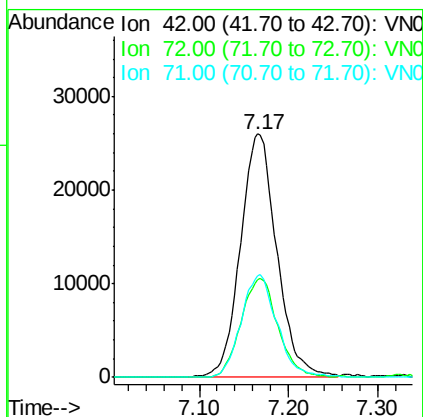
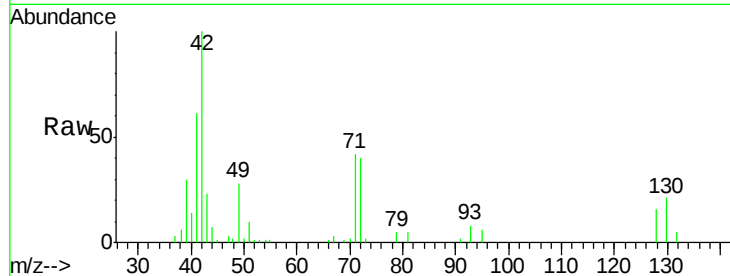




#29
Tetrahydrofuran
Concen: 89.643 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

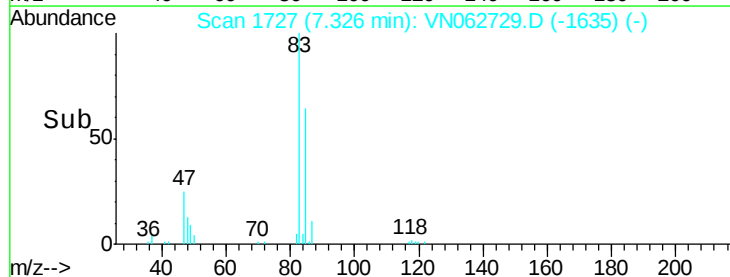
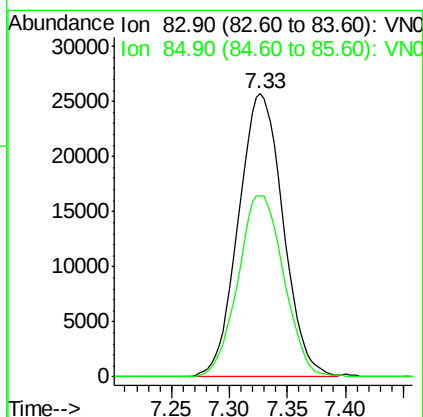
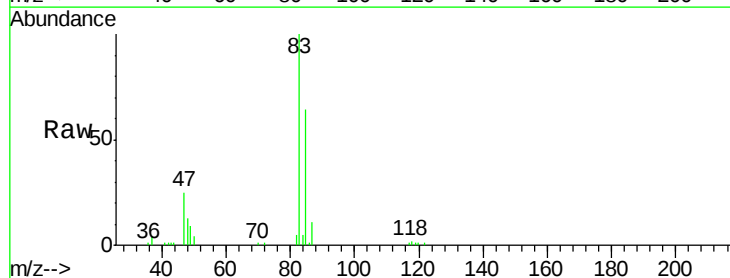
Instrument :
MSVOA_N
ClientSampled :
VN0803WBSD01

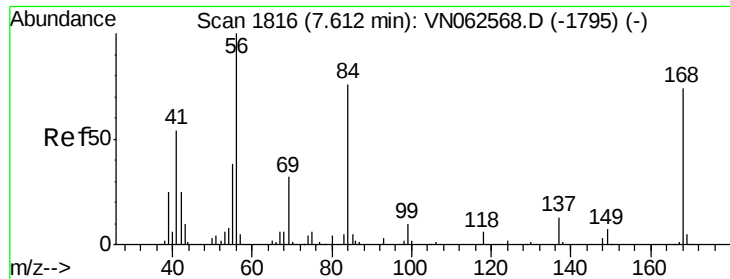
Tot Ion: 42 Resp: 73902
Ion Ratio Lower Upper
42 100
72 41.1 30.7 46.1
71 41.4 29.1 43.7



#30
Chloroform
Concen: 21.394 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion: 83 Resp: 69013
Ion Ratio Lower Upper
83 100
85 64.1 52.0 78.0

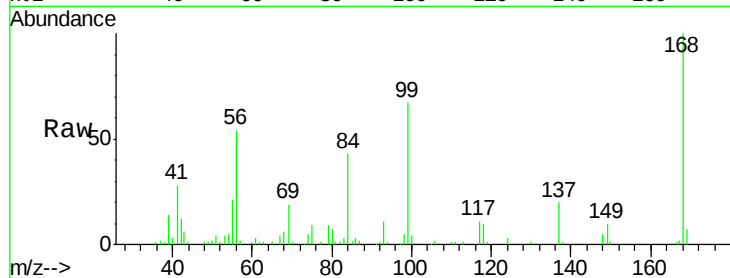




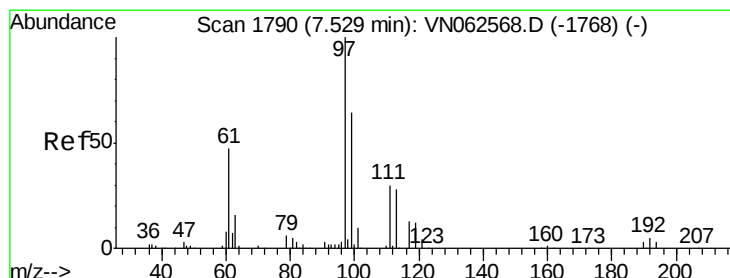
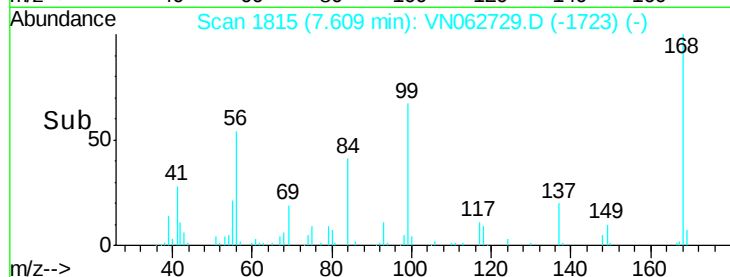
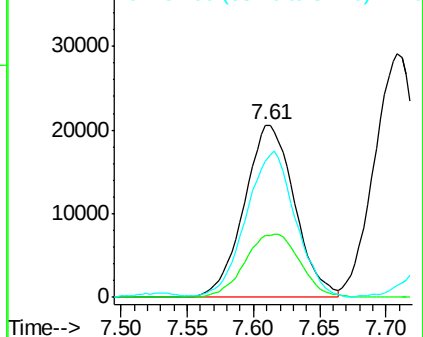
#31
Cyclohexane
Concen: 17.424 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

Tot Ion: 56 Resp: 54580
Ion Ratio Lower Upper
56 100
69 35.8 25.3 37.9
84 78.2 61.0 91.4

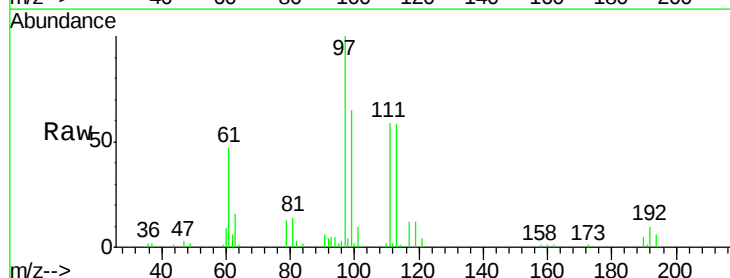


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

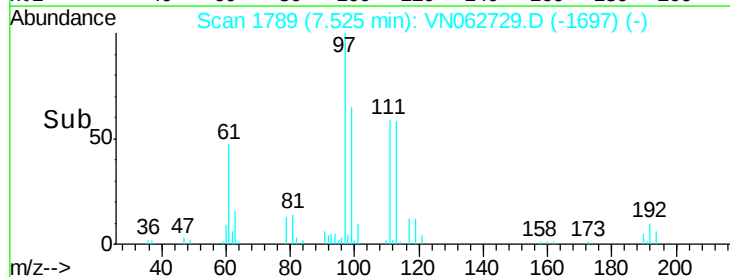
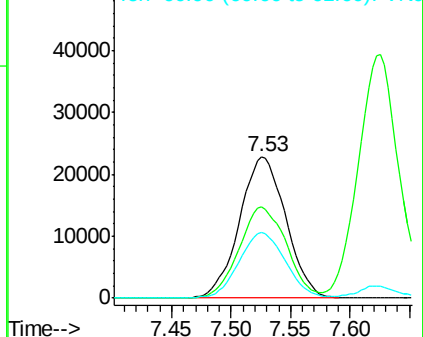


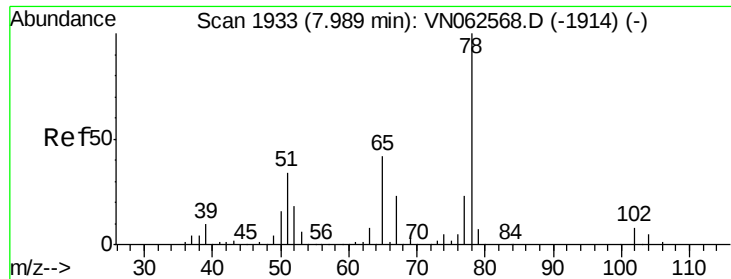
#32
1,1,1-Trichloroethane
Concen: 22.845 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion: 97 Resp: 61527
Ion Ratio Lower Upper
97 100
99 66.0 51.2 76.8
61 46.5 38.4 57.6



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 56.944 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

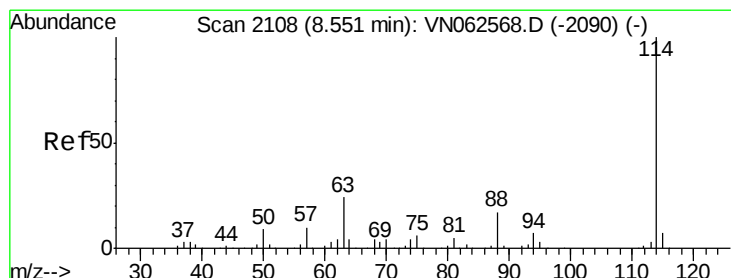
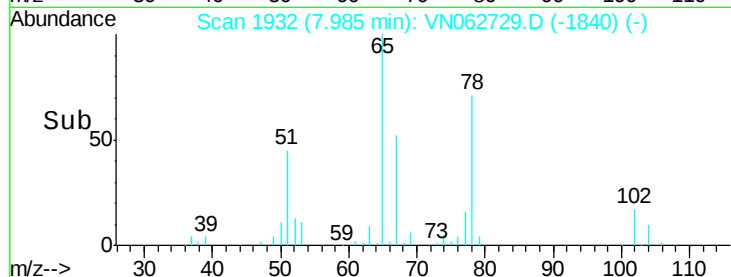
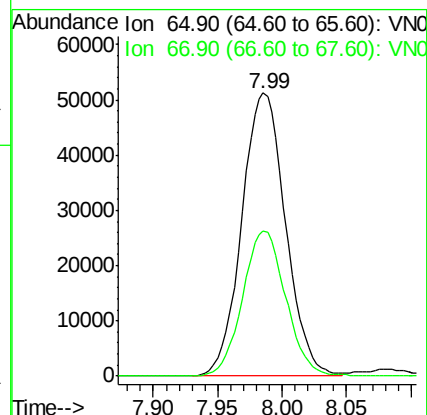
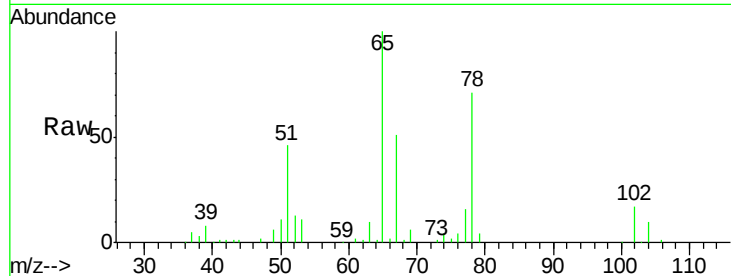
VN0803WBSD01

Tot Ion: 65 Resp: 121056

Ion Ratio Lower Upper

65 100

67 50.6 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

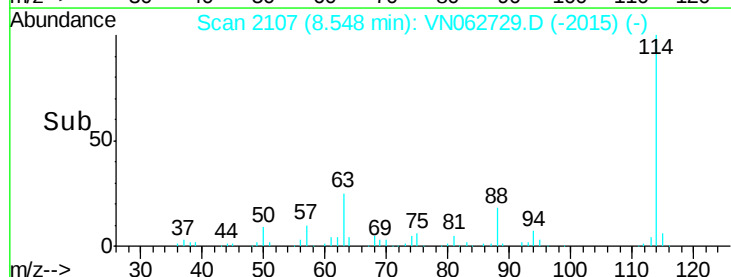
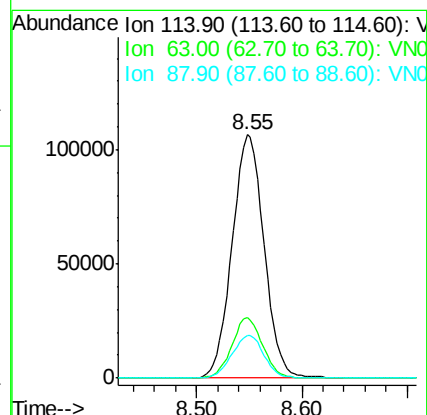
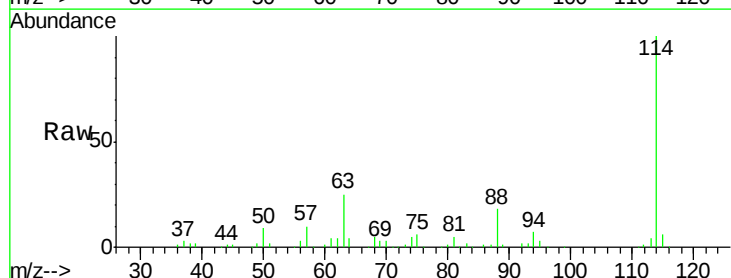
Tgt Ion: 114 Resp: 224097

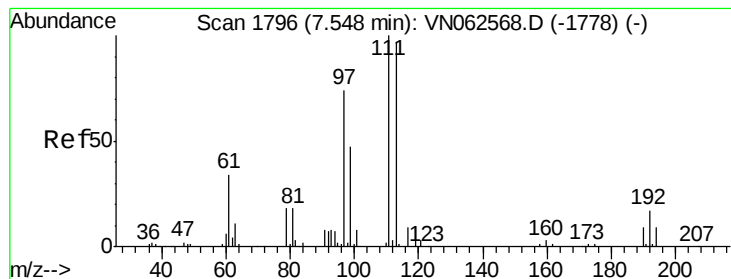
Ion Ratio Lower Upper

114 100

63 24.7 0.0 48.4

88 17.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.919 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

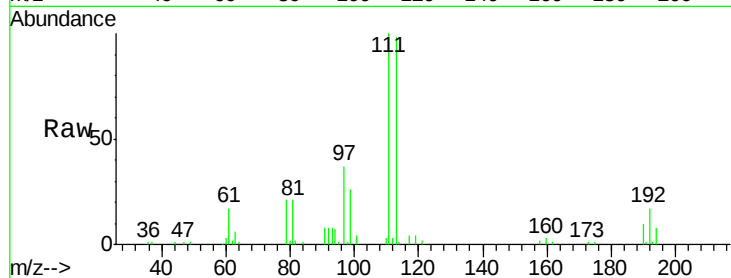
Tot Ion:113 Resp: 80840

Ion Ratio Lower Upper

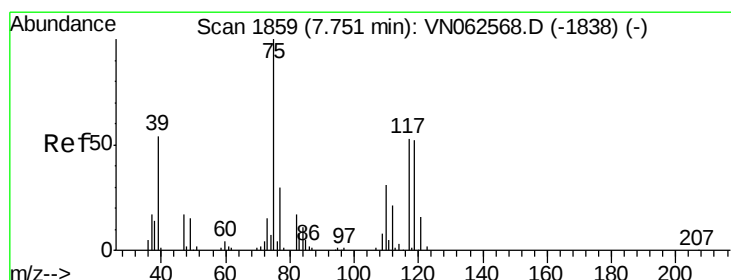
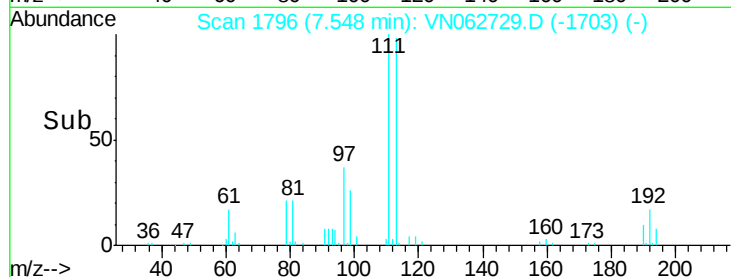
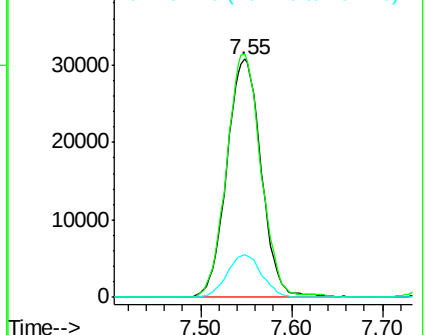
113 100

111 101.0 82.7 124.1

192 17.9 14.8 22.2



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: 20.214 ug/l

RT: 7.75 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

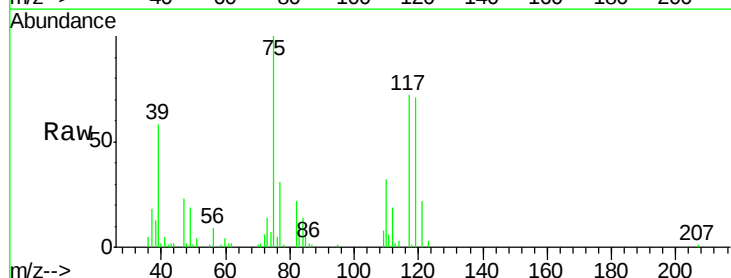
Tgt Ion: 75 Resp: 48284

Ion Ratio Lower Upper

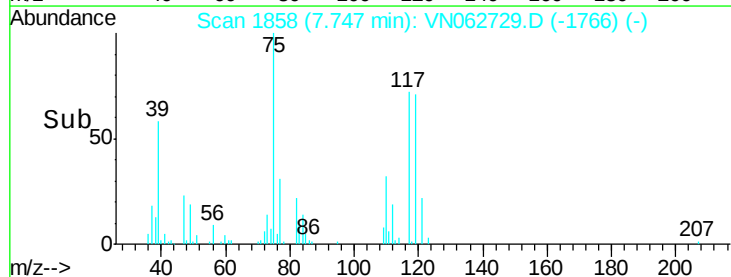
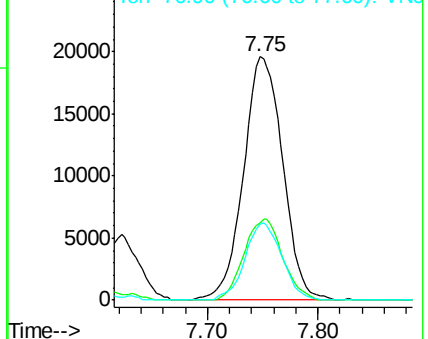
75 100

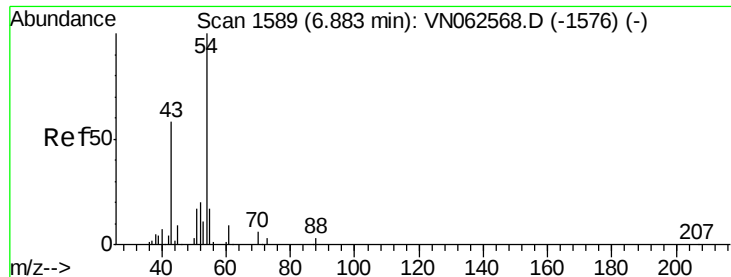
110 32.7 16.0 48.0

77 29.9 24.6 36.8



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

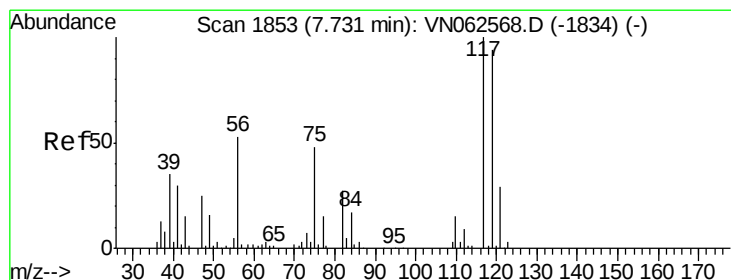
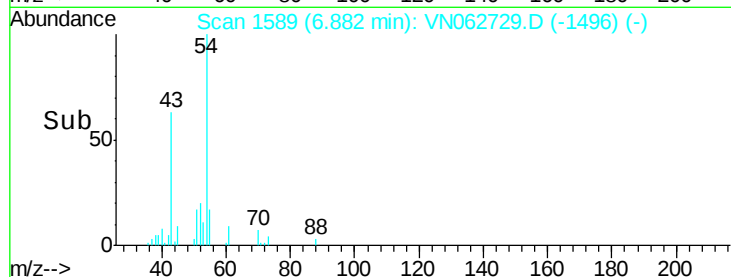
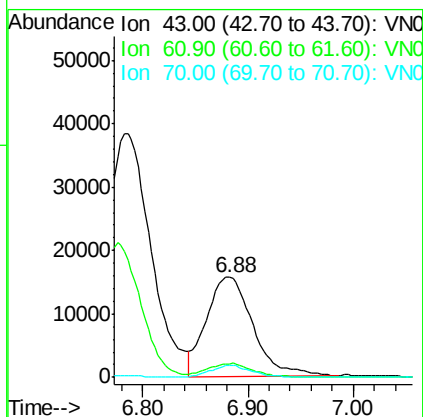
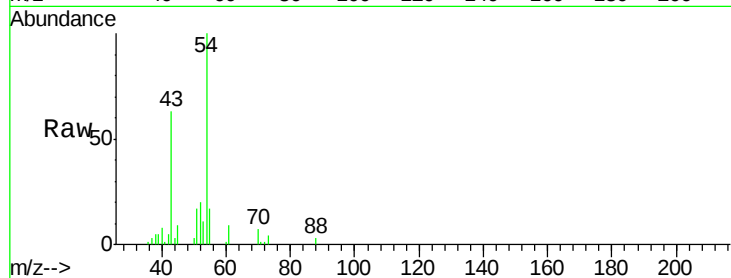




#37
Ethyl Acetate
Concen: 18.567 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

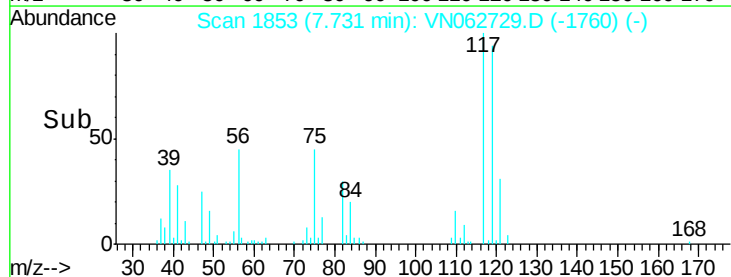
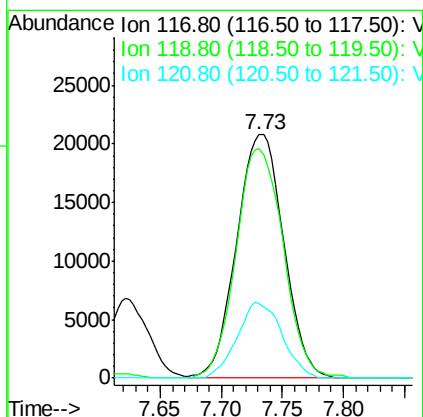
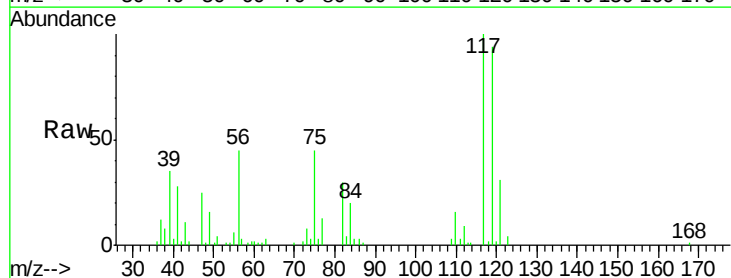
Instrument :
MSVOA_N
ClientSampled :
VN0803WBSD01

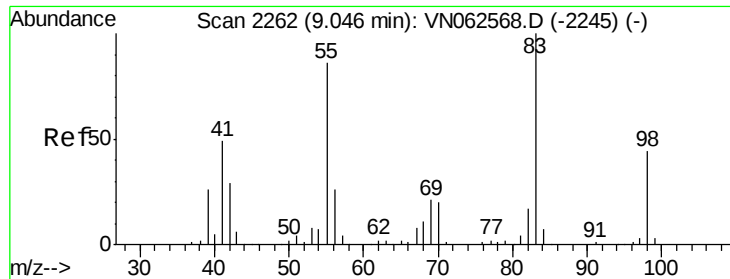
Tot Ion: 43 Resp: 47806
Ion Ratio Lower Upper
43 100
61 13.9 11.3 16.9
70 10.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 24.235 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion: 117 Resp: 55643
Ion Ratio Lower Upper
117 100
119 94.0 74.8 112.2
121 30.6 23.0 34.6

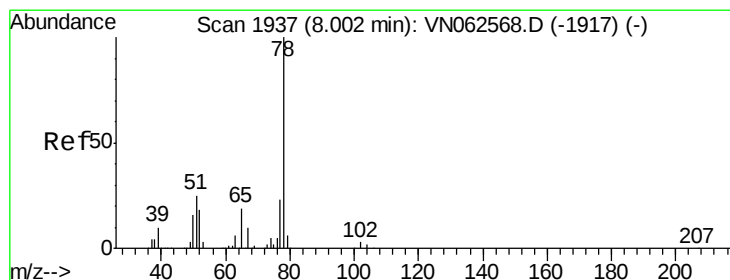
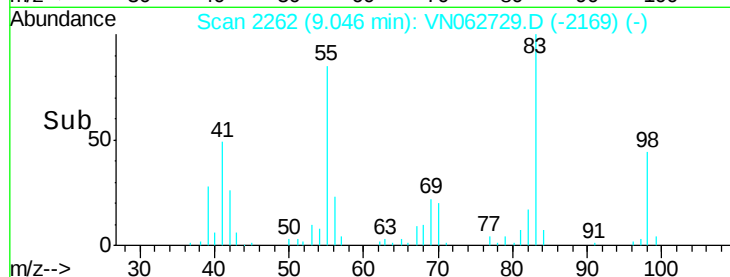
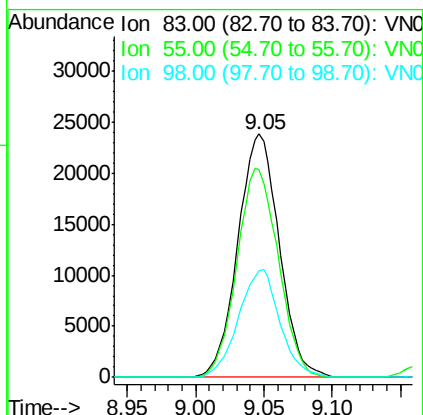
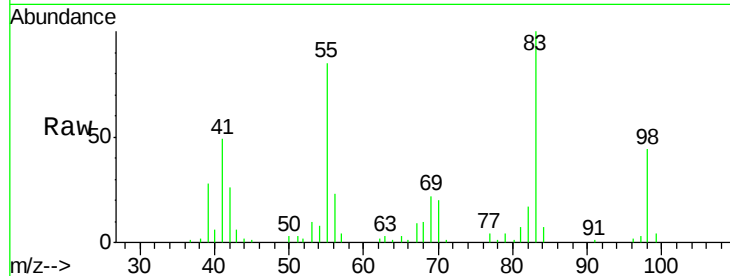




#39
Methvlcvclohexane
Concen: 19.536 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

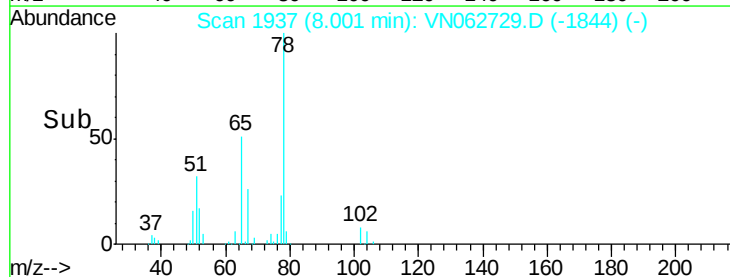
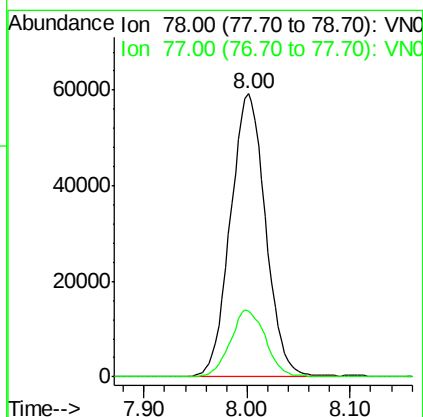
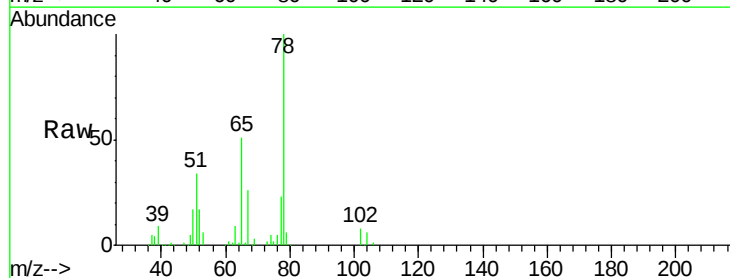
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

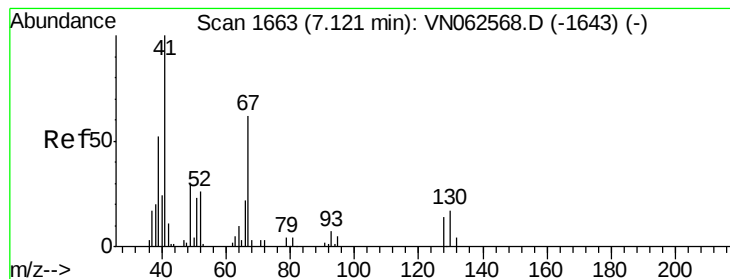
Tot Ion: 83 Resp: 50232
Ion Ratio Lower Upper
83 100
55 85.1 68.9 103.3
98 43.8 35.1 52.7



#40
Benzene
Concen: 19.469 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion: 78 Resp: 140788
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

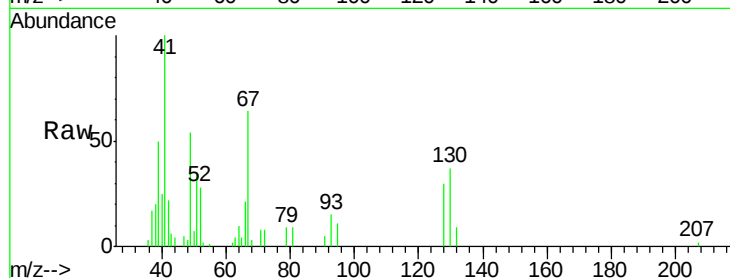




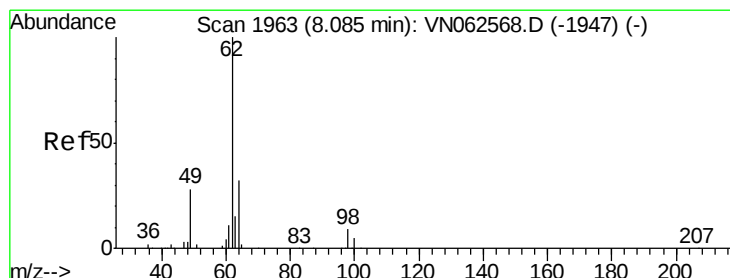
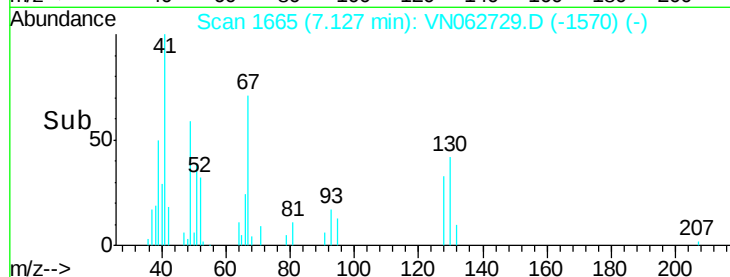
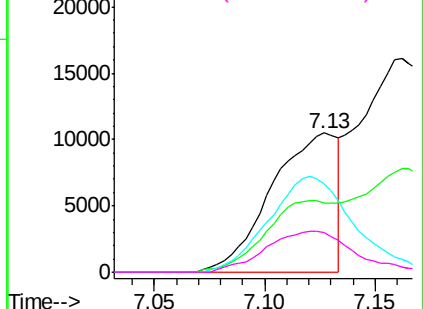
#41
Methacrylonitrile
Concen: 19.847 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

Tot Ion: 41 Resp: 21901
Ion Ratio Lower Upper
41 100
39 49.8 55.8 83.6#
67 88.3 72.5 108.7
52 39.0 31.8 47.8

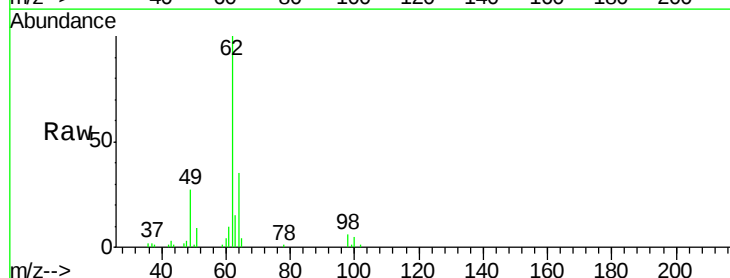


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

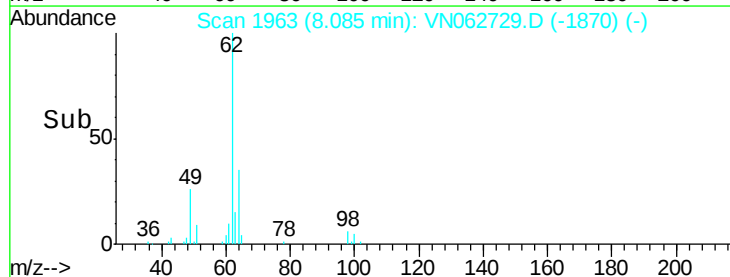
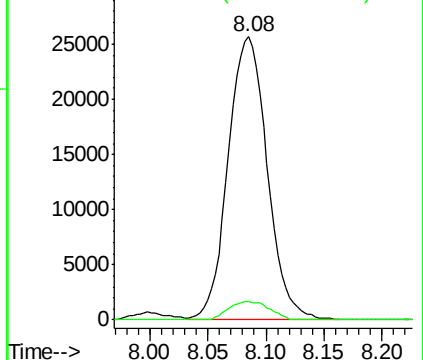


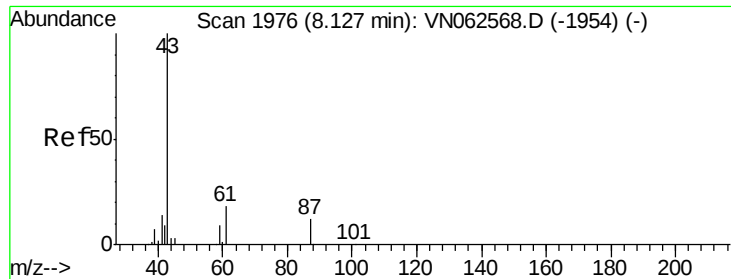
#42
1,2-Dichloroethane
Concen: 22.751 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion: 62 Resp: 60150
Ion Ratio Lower Upper
62 100
98 6.7 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.081 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

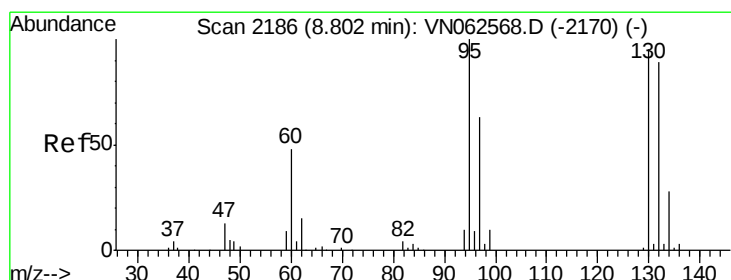
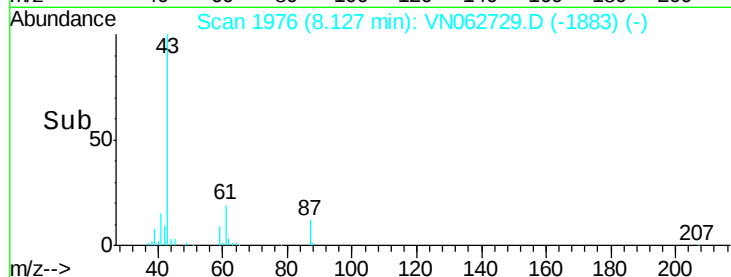
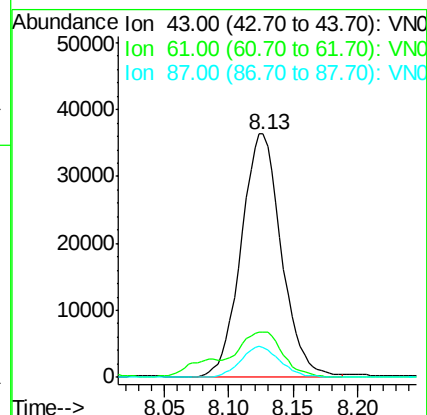
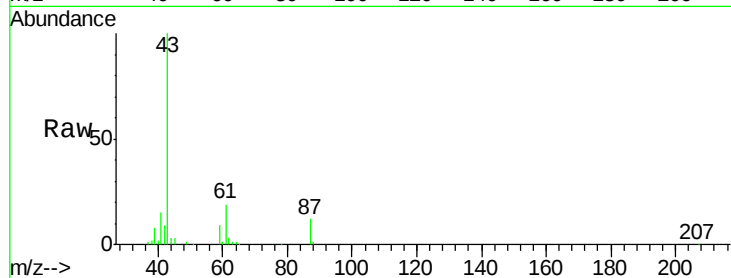
Tot Ion: 43 Resp: 79200

Ion Ratio Lower Upper

43 100

61 20.0 20.8 31.2#

87 12.4 9.2 13.8



#44

Trichloroethene

Concen: 20.822 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062729.D

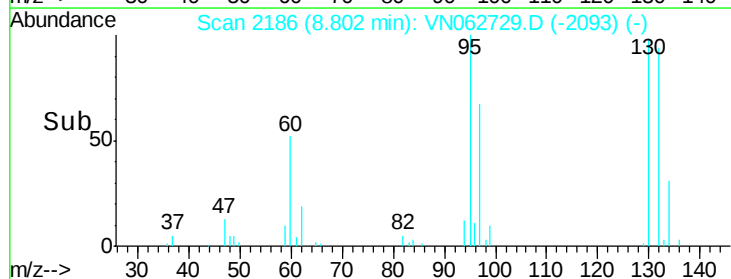
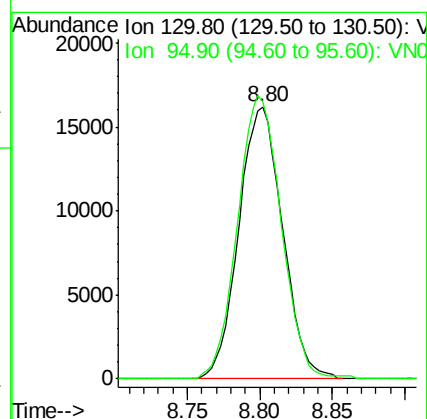
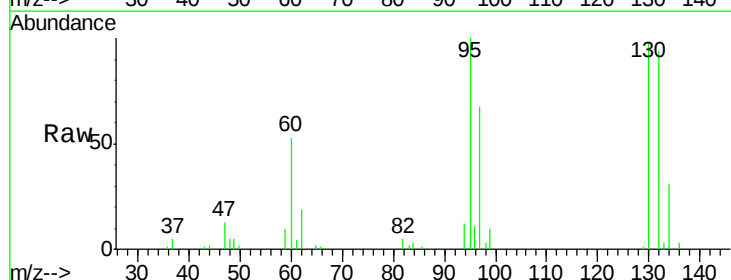
Acq: 3 Aug 2020 12:36

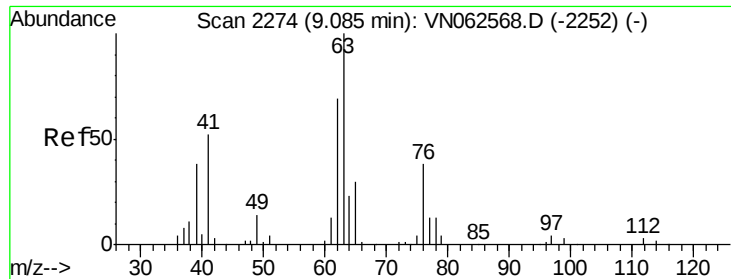
Tgt Ion: 130 Resp: 33956

Ion Ratio Lower Upper

130 100

95 101.9 0.0 210.4





#45

1,2-Dichloropropane

Concen: 18.990 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

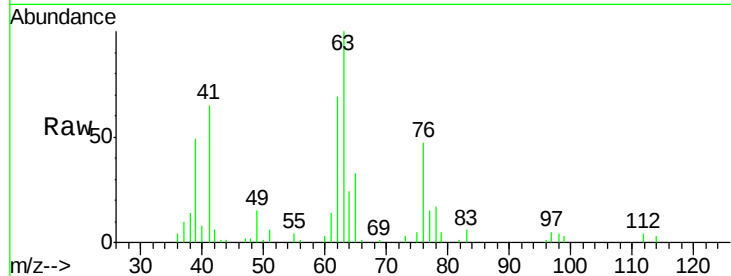
VN0803WBSD01

Tot Ion: 63 Resp: 38557

Ion Ratio Lower Upper

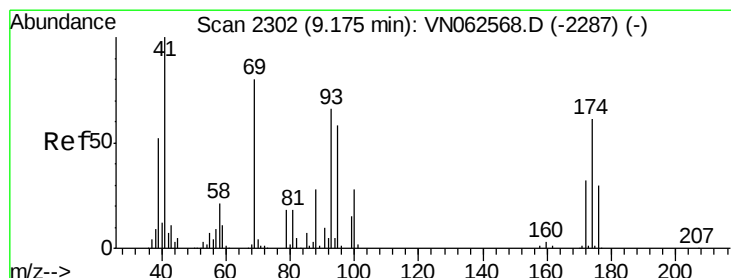
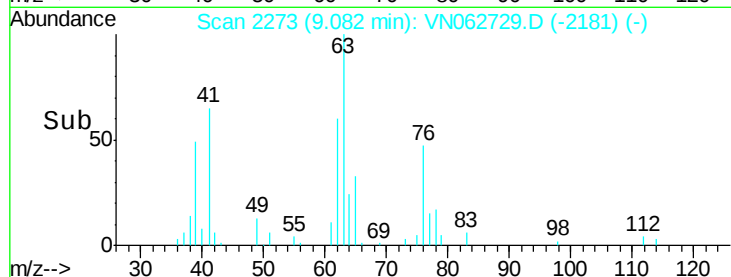
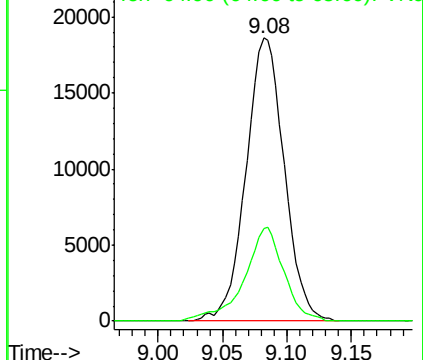
63 100

65 32.7 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 21.693 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

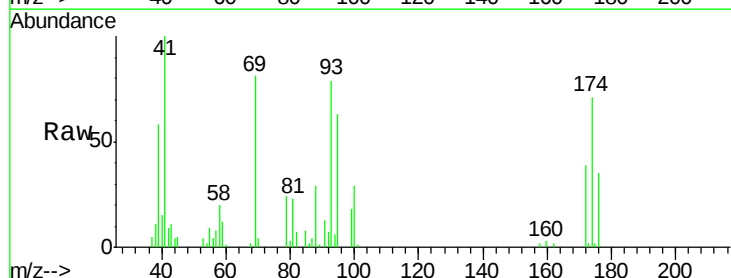
Tgt Ion: 93 Resp: 25457

Ion Ratio Lower Upper

93 100

95 80.9 67.6 101.4

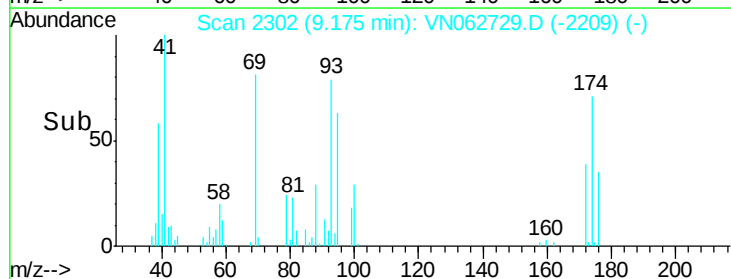
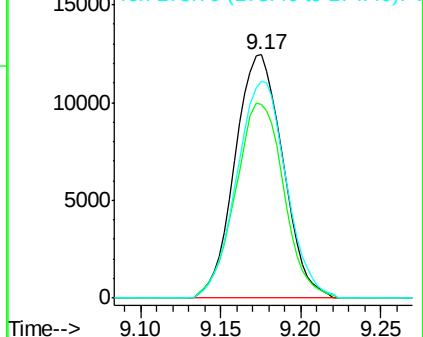
174 92.0 72.5 108.7

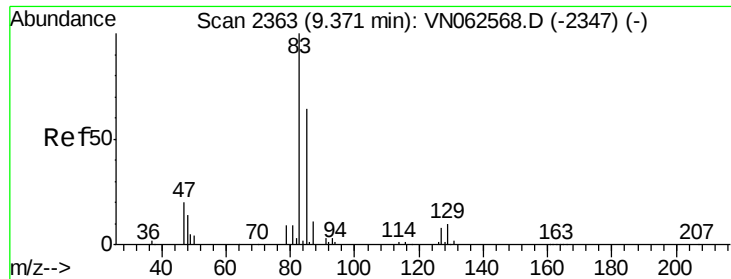


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

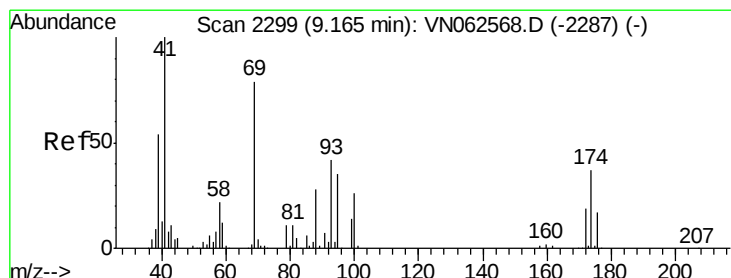
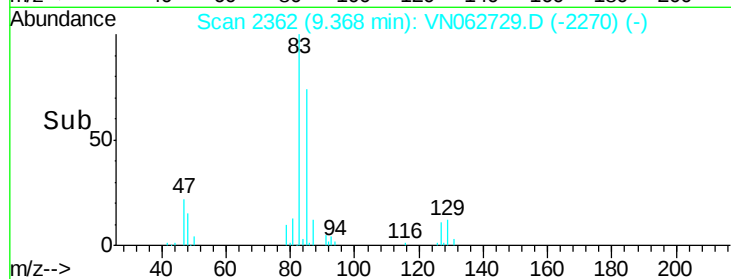
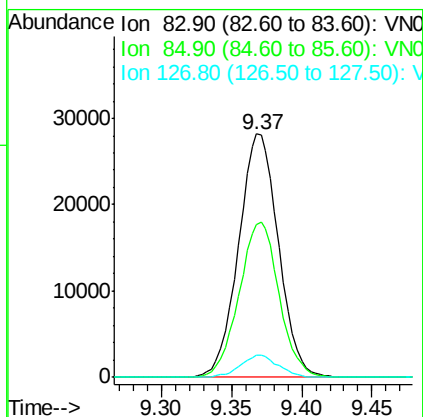
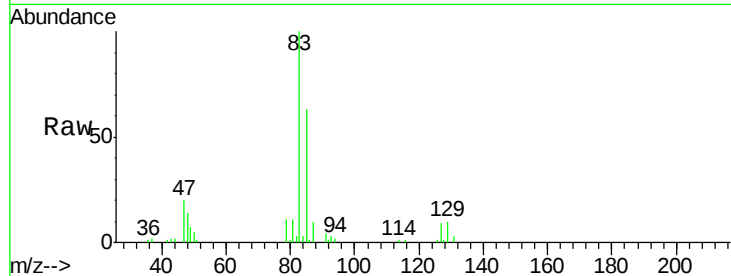




#47
Bromodichloromethane
Concen: 21.933 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

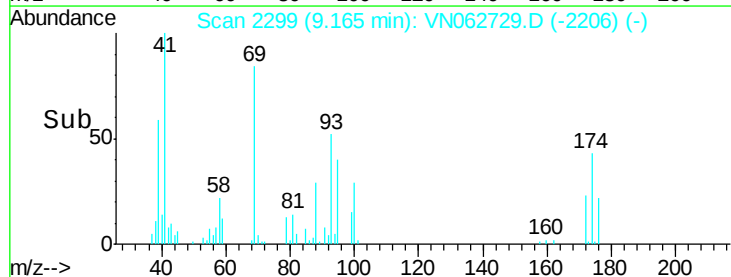
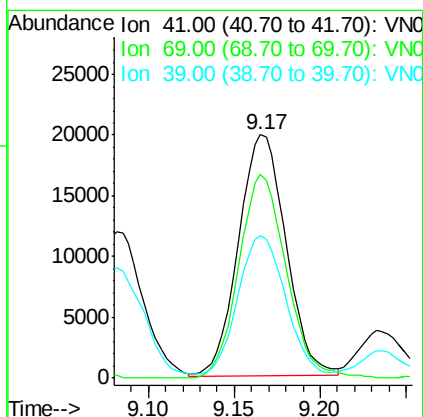
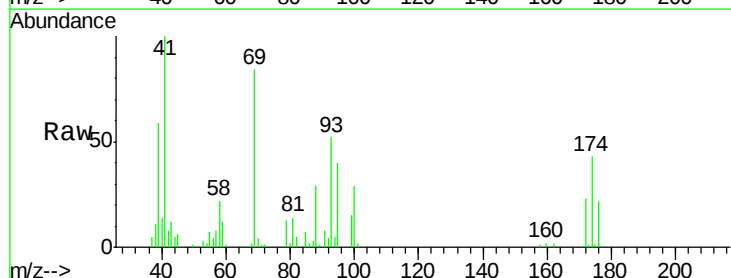
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

Tot Ion: 83 Resp: 55761
Ion Ratio Lower Upper
83 100
85 62.8 51.6 77.4
127 9.0 6.2 9.2



#48
Methyl methacrylate
Concen: 19.348 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion: 41 Resp: 38176
Ion Ratio Lower Upper
41 100
69 84.3 64.4 96.6
39 60.5 43.5 65.3

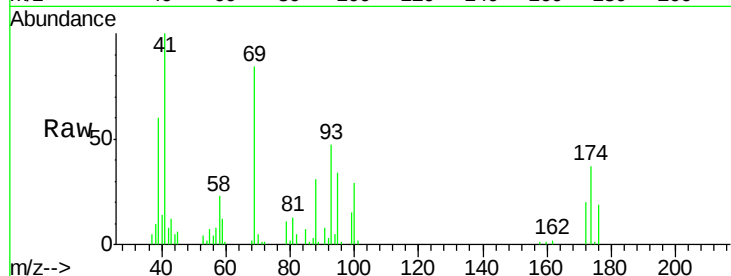




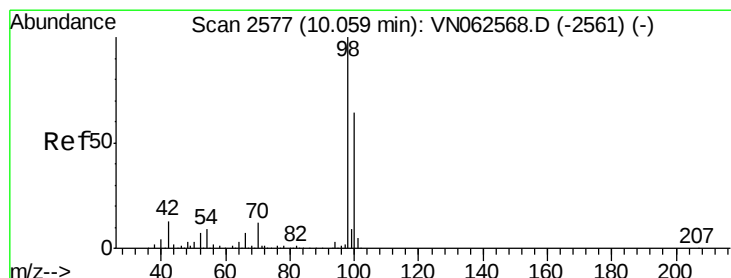
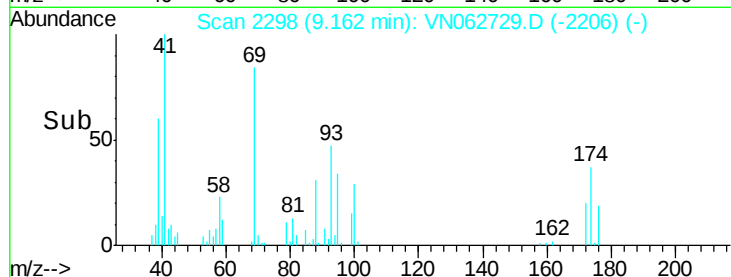
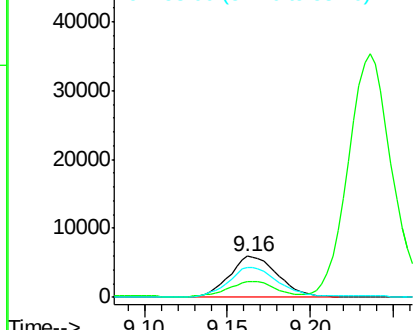
#49
1,4-Dioxane
Concen: 398.610 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

Tot Ion: 88 Resp: 12080
Ion Ratio Lower Upper
88 100
43 39.3 32.0 48.0
58 75.5 62.8 94.2

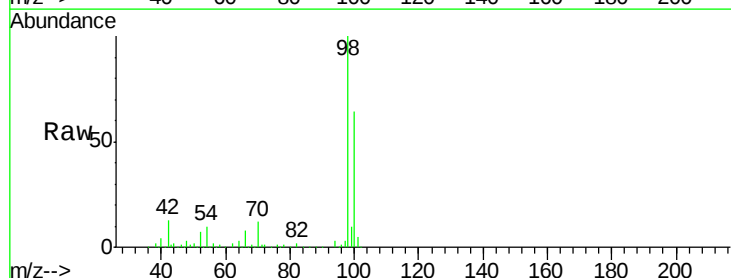


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

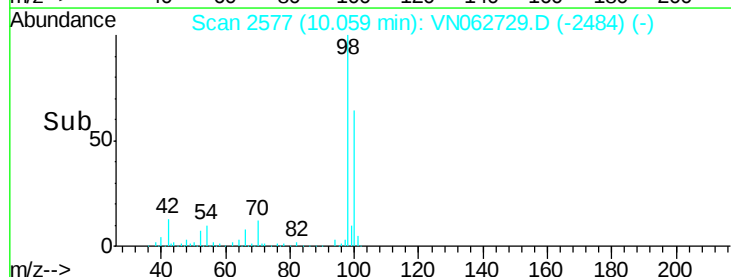
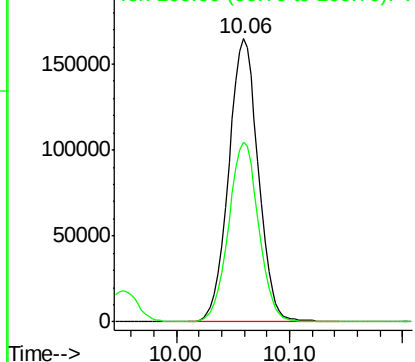


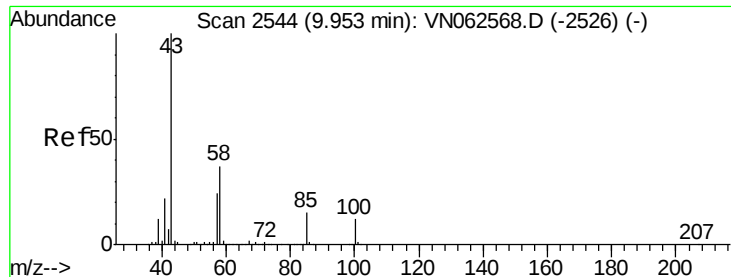
#50
Toluene-d8
Concen: 51.074 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion: 98 Resp: 299966
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

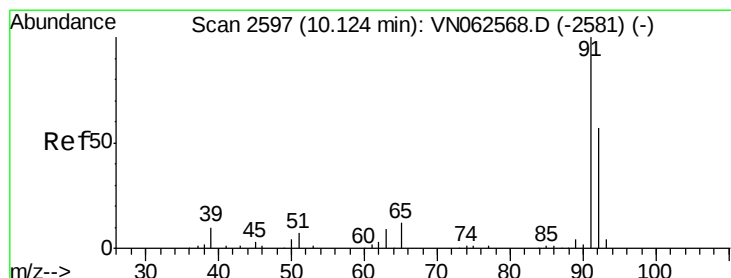
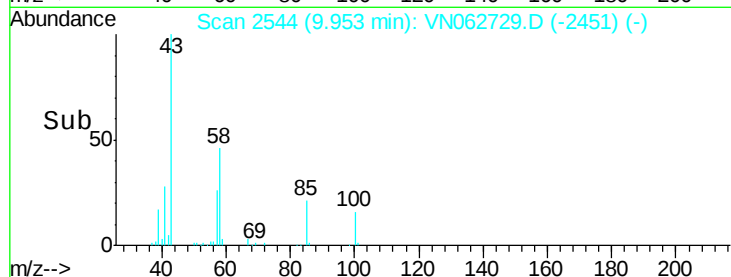
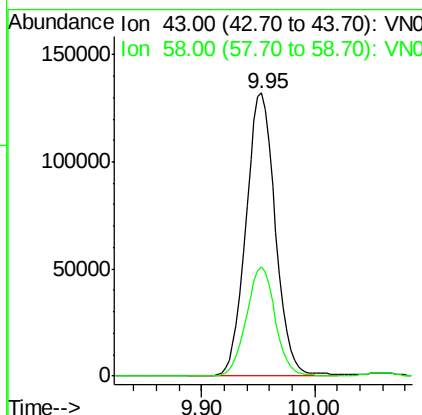
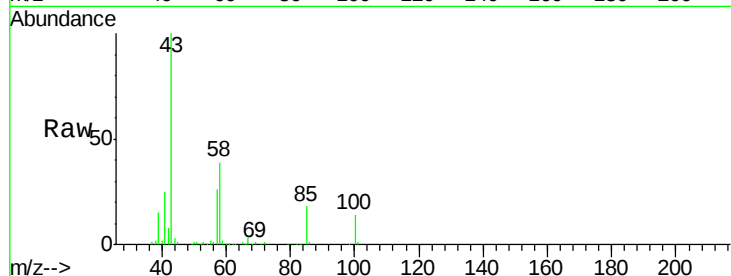




#51
 4-Methyl-2-Pentanone
 Concen: 96.379 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

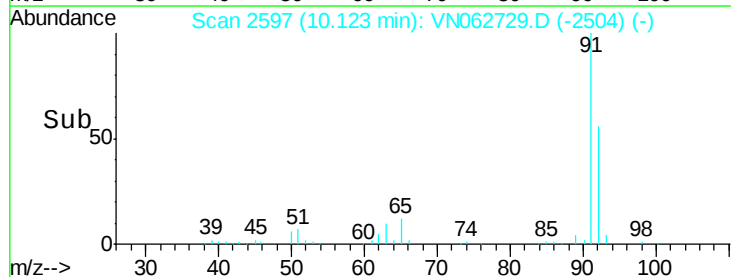
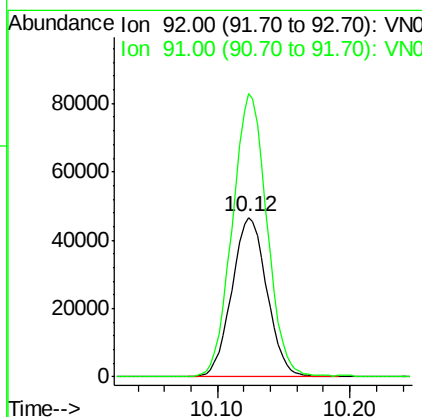
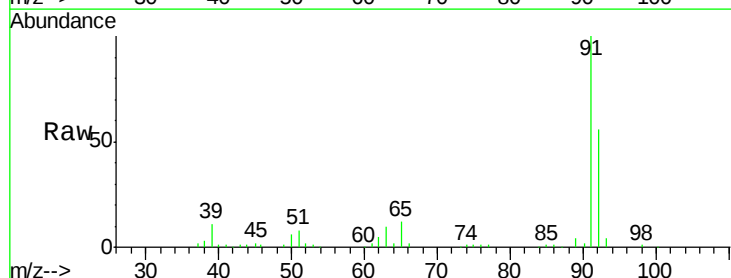
Instrument :
 MSVOA_N
 ClientSampled :
 VN0803WBSD01

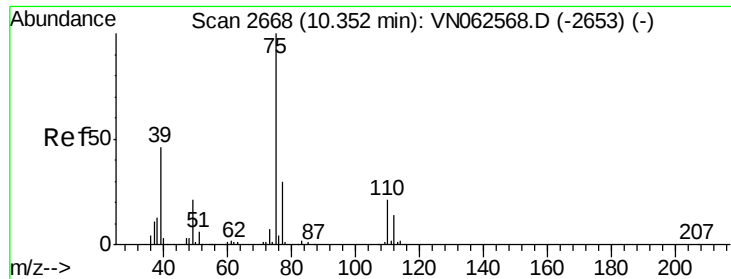
Tot Ion: 43 Resp: 239367
 Ion Ratio Lower Upper
 43 100
 58 37.9 29.8 44.6



#52
 Toluene
 Concen: 20.327 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Tgt Ion: 92 Resp: 85357
 Ion Ratio Lower Upper
 92 100
 91 176.2 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 21.875 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

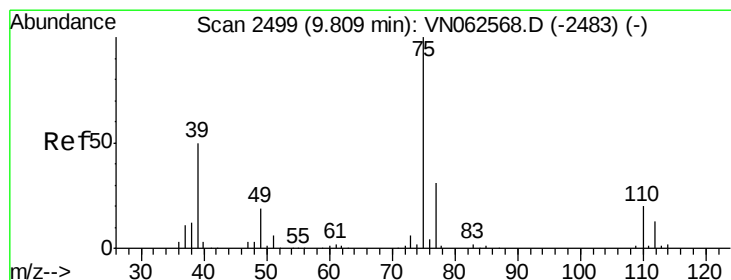
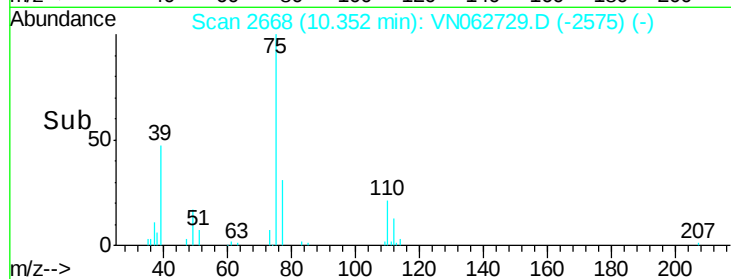
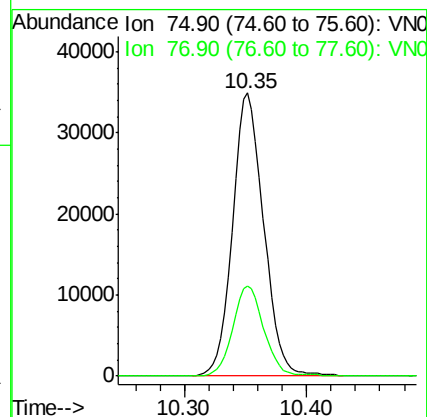
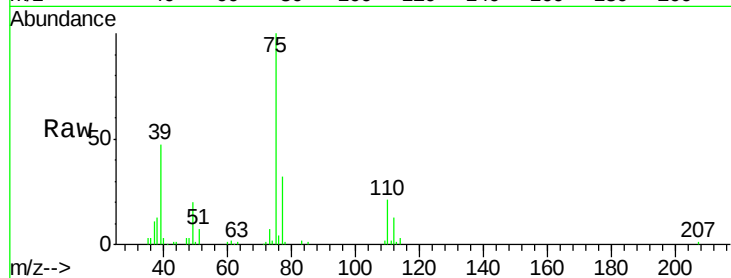
VN0803WBSD01

Tot Ion: 75 Resp: 61910

Ion Ratio Lower Upper

75 100

77 32.0 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 20.447 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

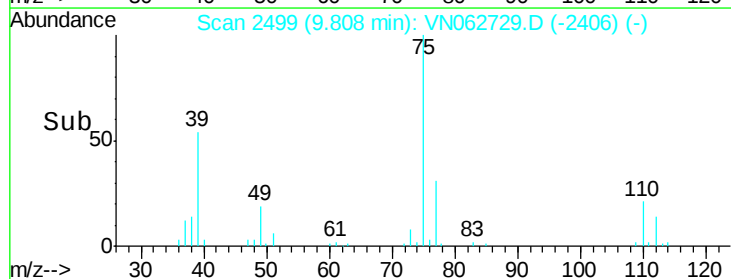
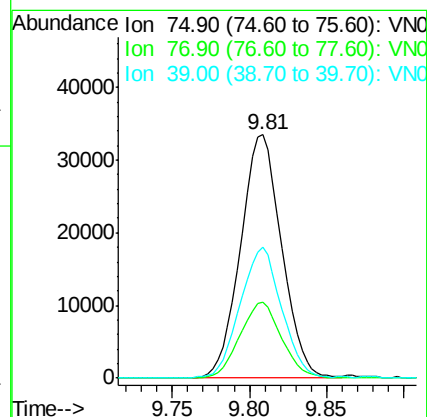
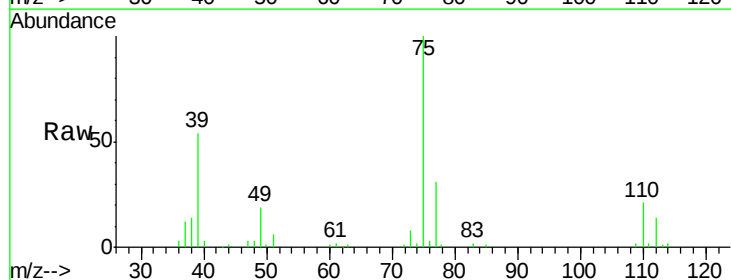
Tgt Ion: 75 Resp: 62097

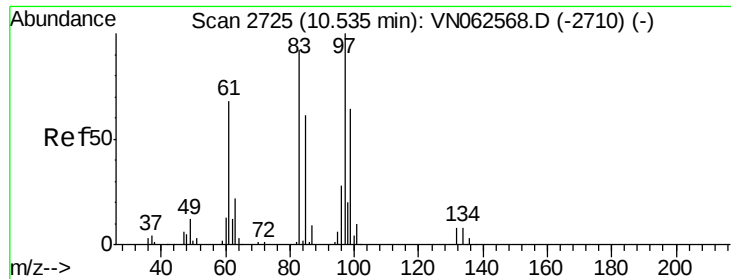
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 53.6 39.8 59.8





#55

1,1,2-Trichloroethane

Concen: 21.253 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

Tot Ion: 97 Resp: 34616

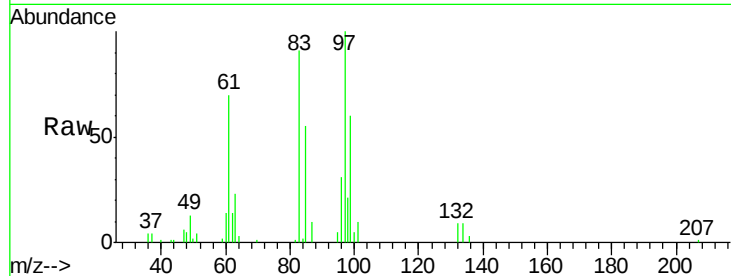
Ion Ratio Lower Upper

97 100

83 91.2 73.7 110.5

85 55.3 48.5 72.7

99 59.7 50.8 76.2

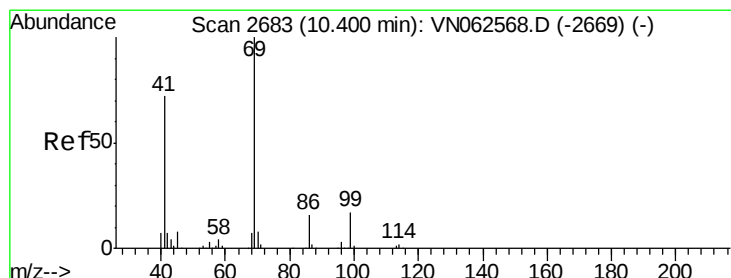
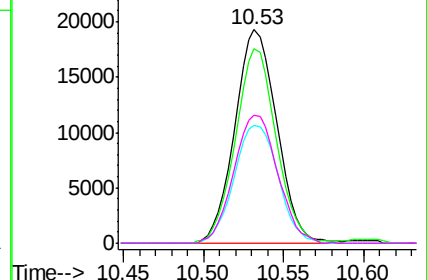
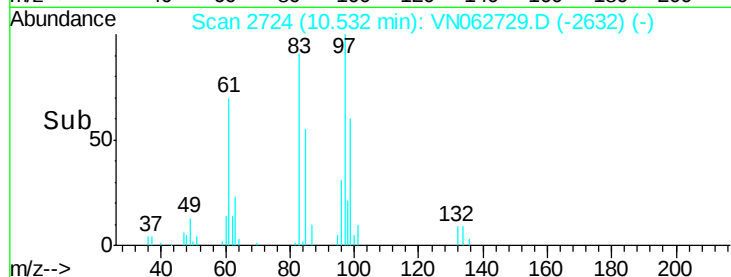


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.521 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

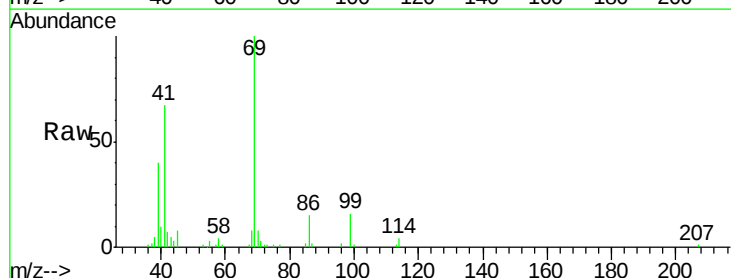
Tgt Ion: 69 Resp: 53823

Ion Ratio Lower Upper

69 100

41 68.9 57.2 85.8

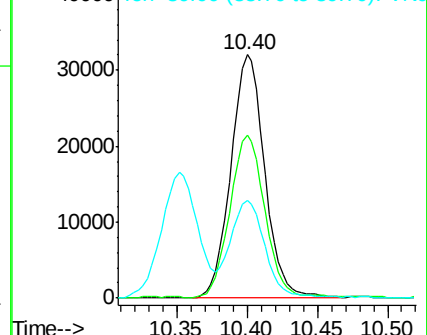
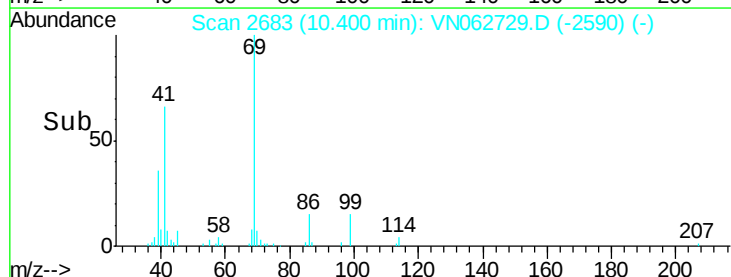
39 41.4 28.6 43.0

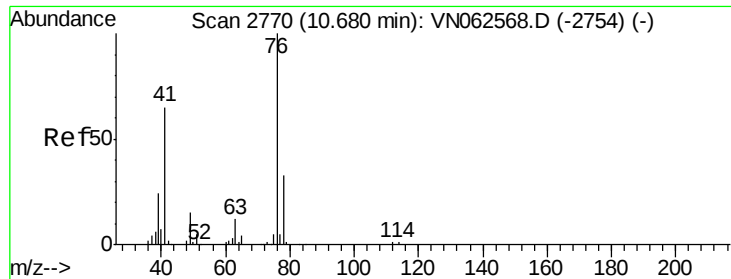


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.406 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

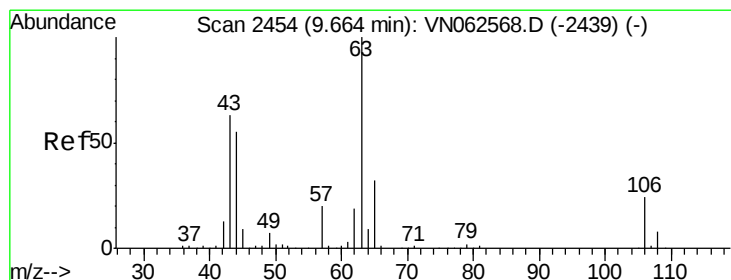
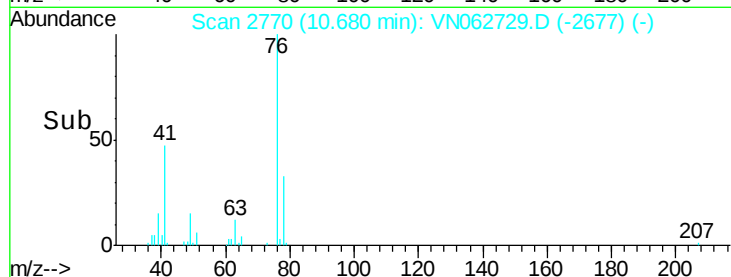
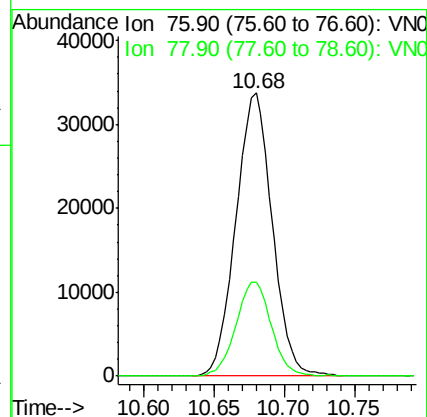
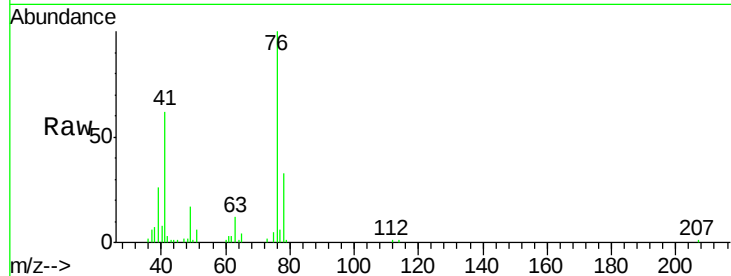
VN0803WBSD01

Tot Ion: 76 Resp: 60891

Ion Ratio Lower Upper

76 100

78 32.4 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 95.976 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062729.D

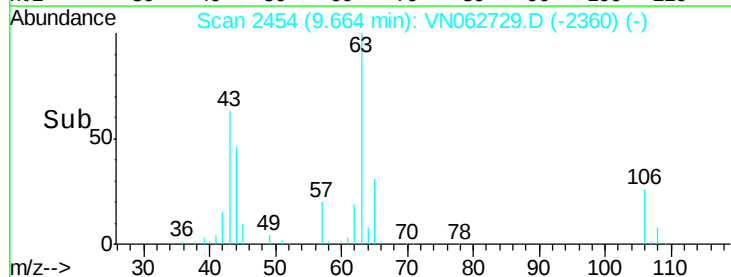
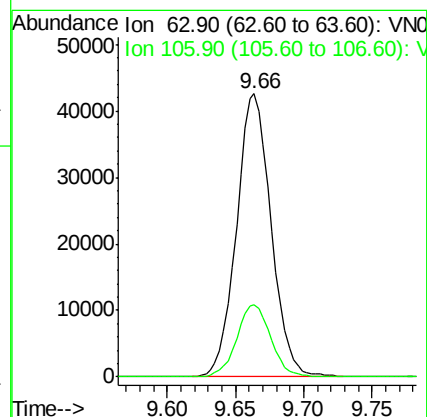
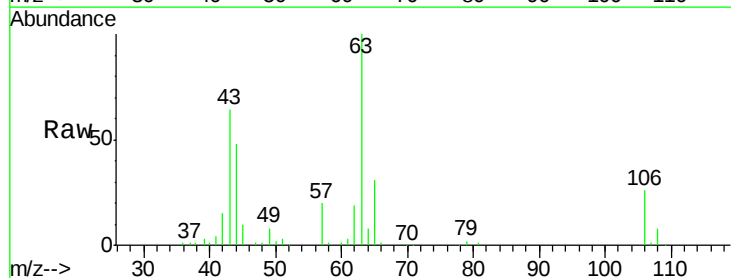
Acq: 3 Aug 2020 12:36

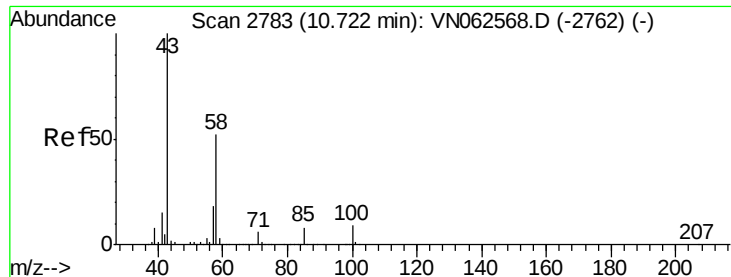
Tgt Ion: 63 Resp: 74884

Ion Ratio Lower Upper

63 100

106 25.1 18.9 28.3

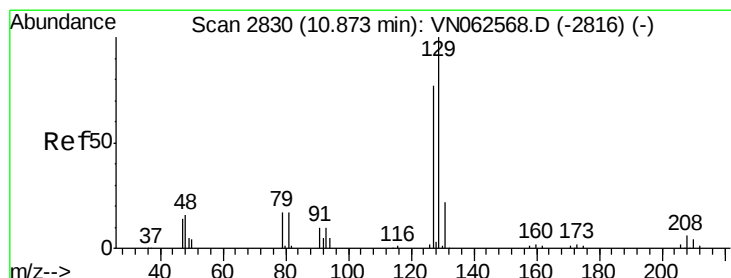
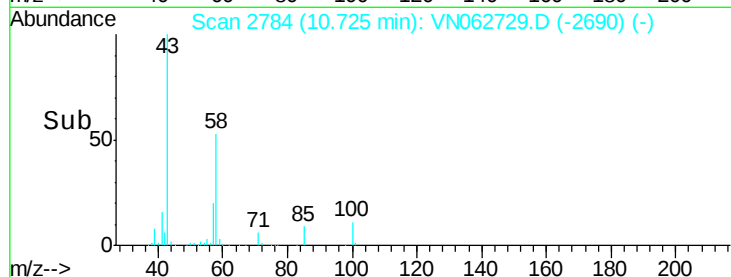
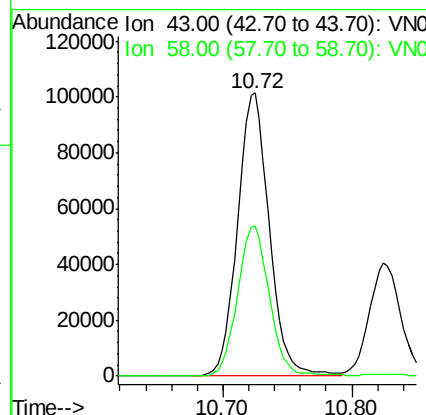
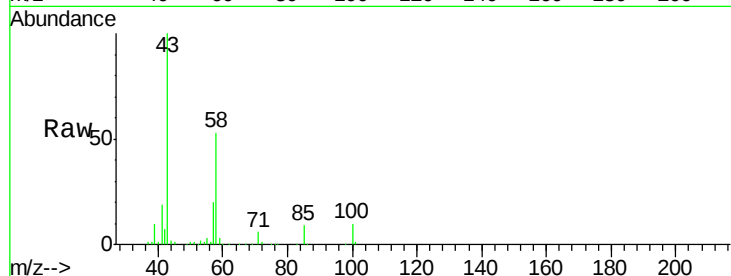




#59
2-Hexanone
Concen: 92.325 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

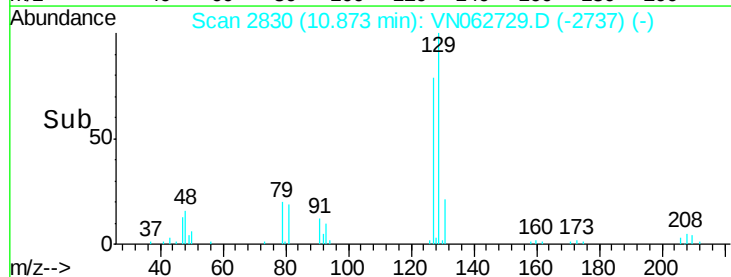
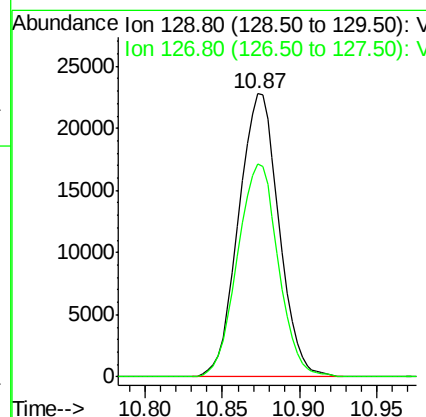
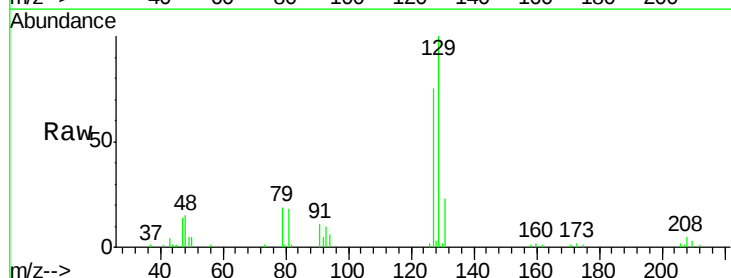
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

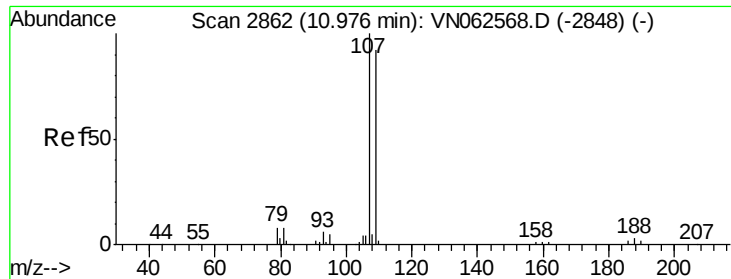
Tot Ion: 43 Resp: 173703
Ion Ratio Lower Upper
43 100
58 53.2 26.0 78.0



#60
Dibromochloromethane
Concen: 22.716 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion: 129 Resp: 41276
Ion Ratio Lower Upper
129 100
127 76.1 38.0 113.9

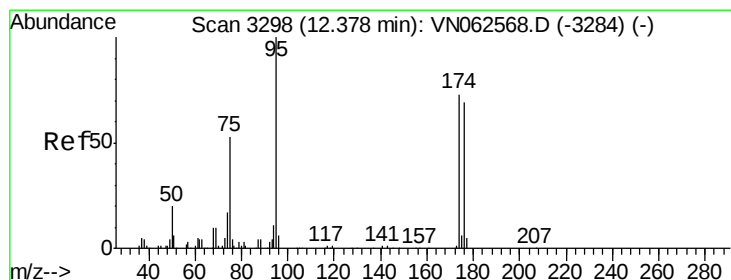
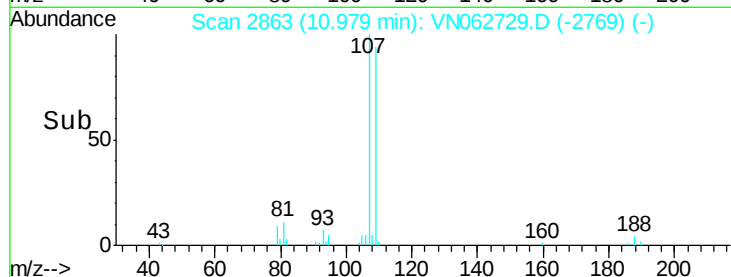
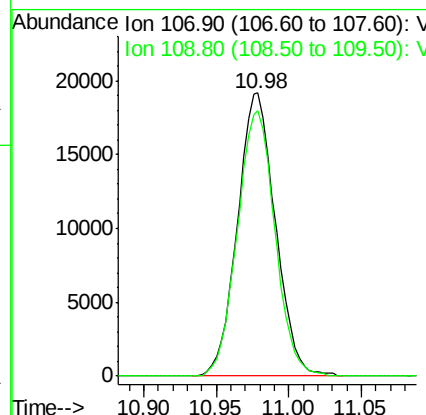
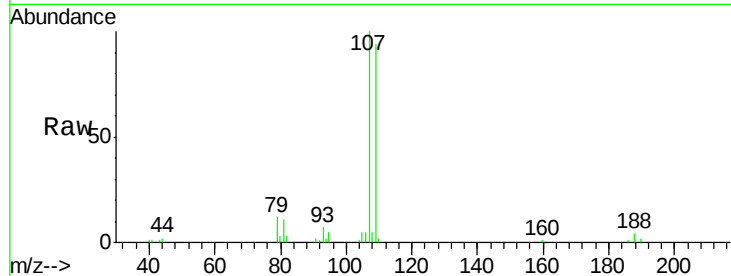




#61
 1,2-Dibromoethane
 Concen: 20.547 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

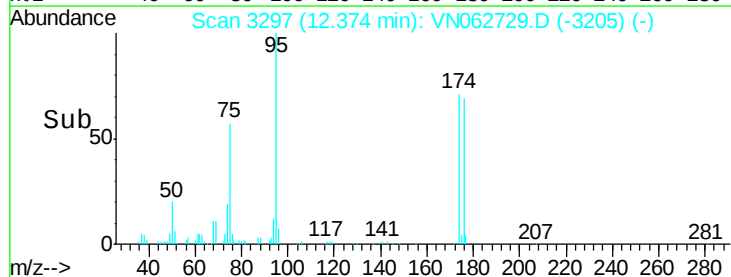
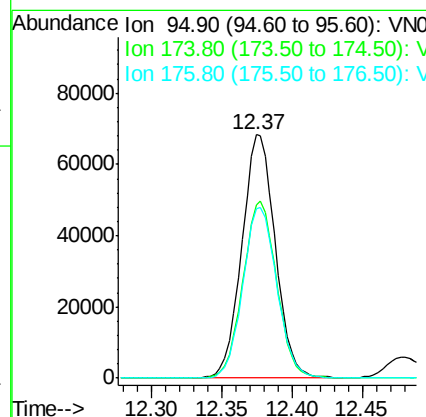
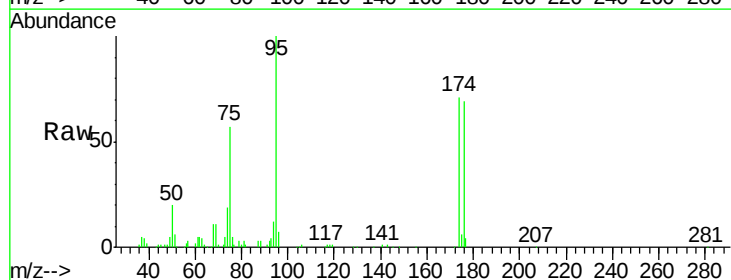
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD01

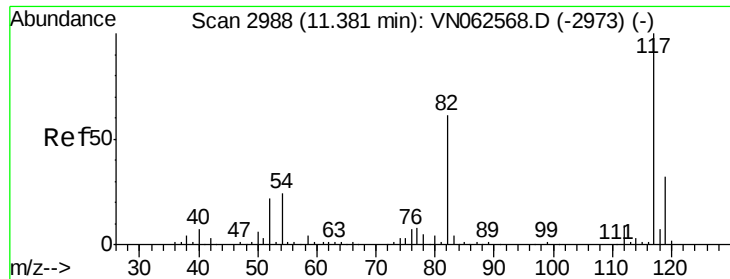
Tot Ion:107 Resp: 34849
 Ion Ratio Lower Upper
 107 100
 109 93.1 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 52.865 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Tgt Ion: 95 Resp: 113526
 Ion Ratio Lower Upper
 95 100
 174 73.3 0.0 144.6
 176 71.3 0.0 139.4

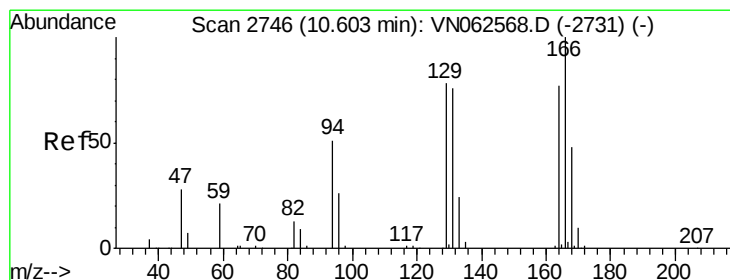
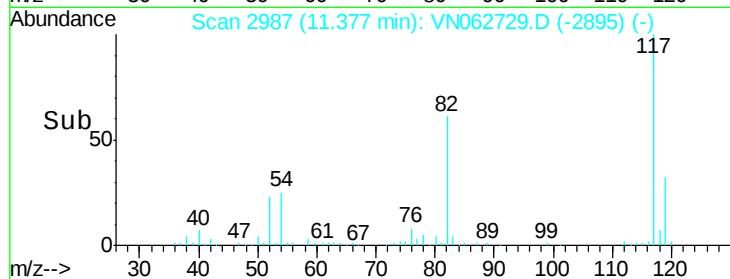
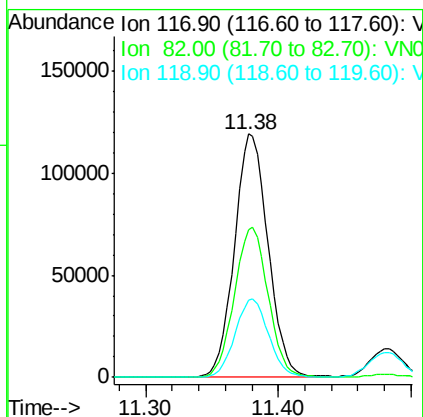
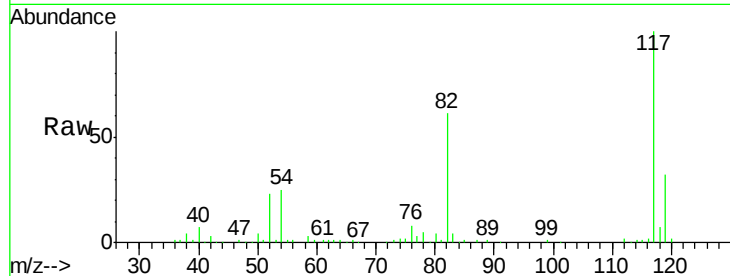




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

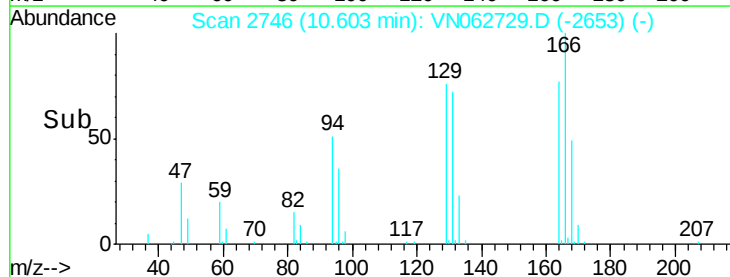
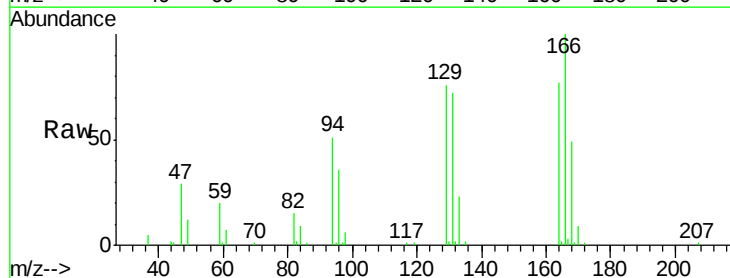
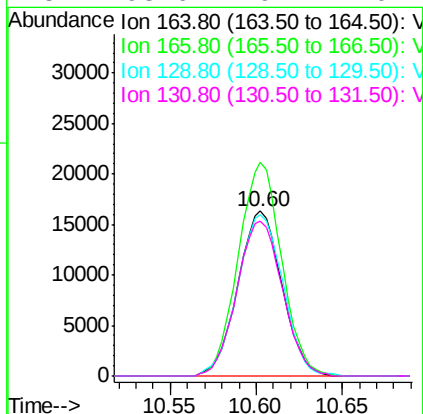
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

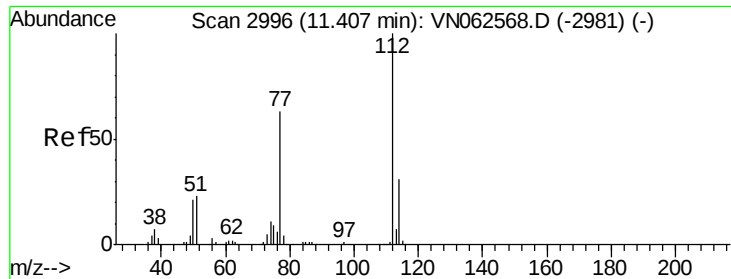
Tot Ion:117 Resp: 209713
Ion Ratio Lower Upper
117 100
82 60.8 49.0 73.6
119 31.6 25.4 38.2



#64
Tetrachloroethene
Concen: 21.269 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion:164 Resp: 28980
Ion Ratio Lower Upper
164 100
166 129.5 104.4 156.6
129 98.1 81.0 121.4
131 93.6 79.4 119.2

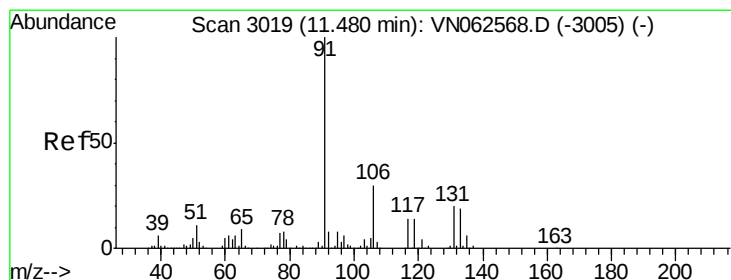
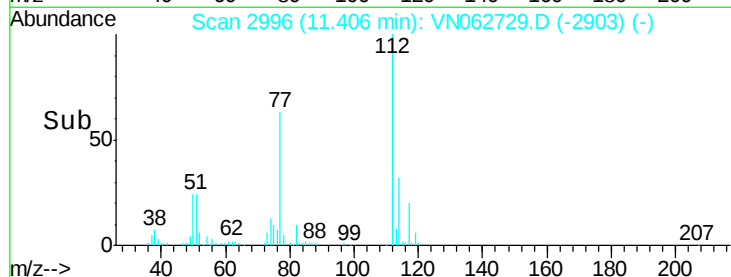
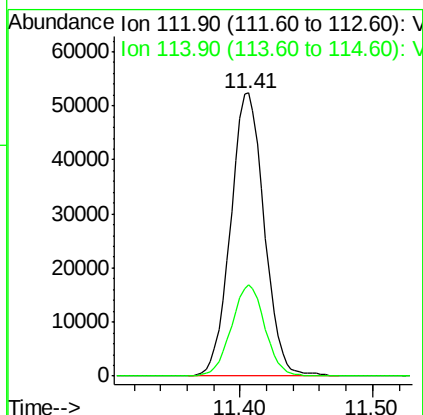
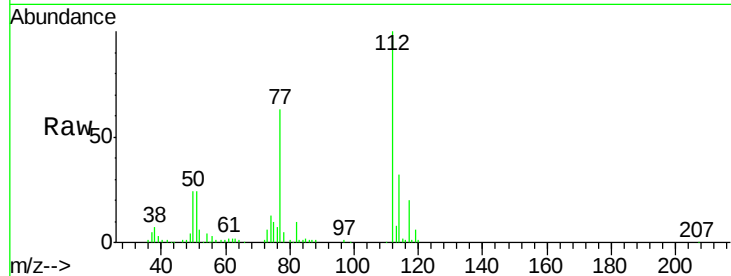




#65
Chlorobenzene
Concen: 20.915 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

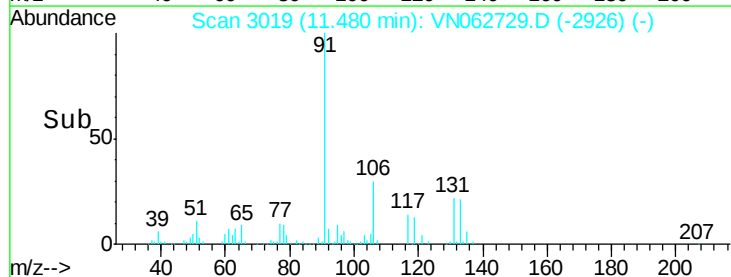
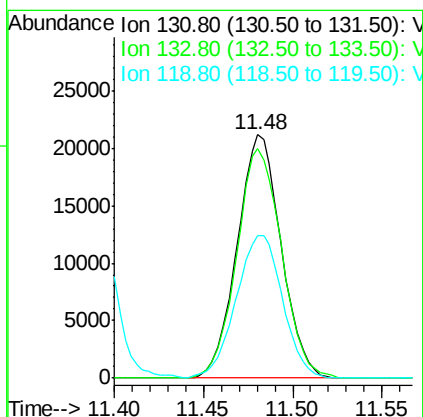
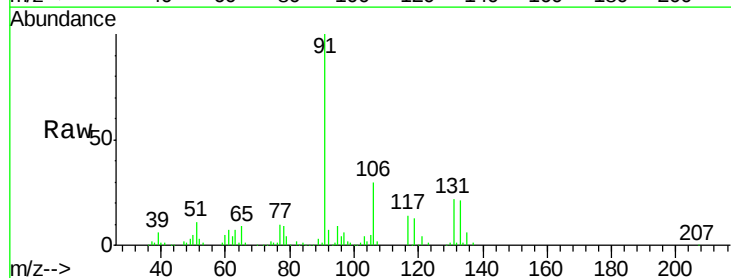
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

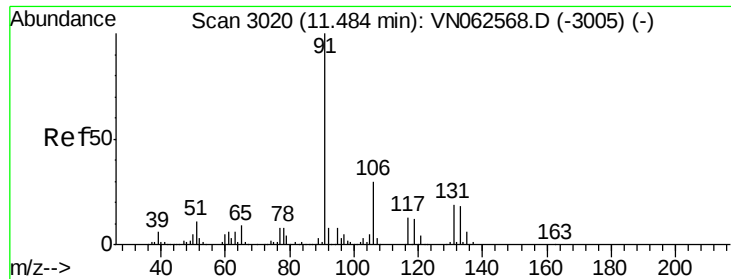
Tot Ion:112 Resp: 91954
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.995 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion:131 Resp: 36378
Ion Ratio Lower Upper
131 100
133 96.4 47.3 142.0
119 61.9 33.7 101.0

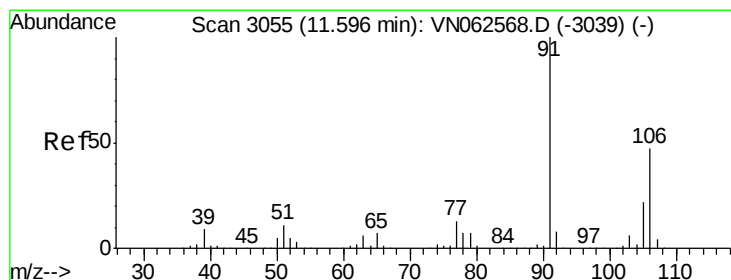
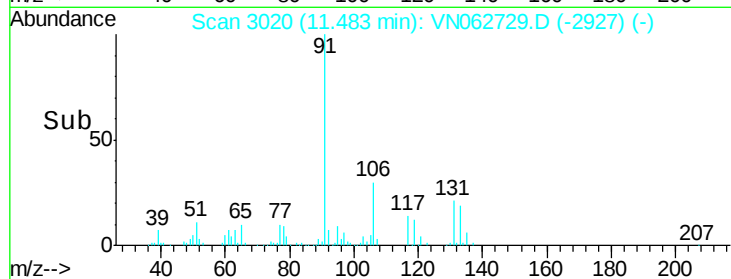
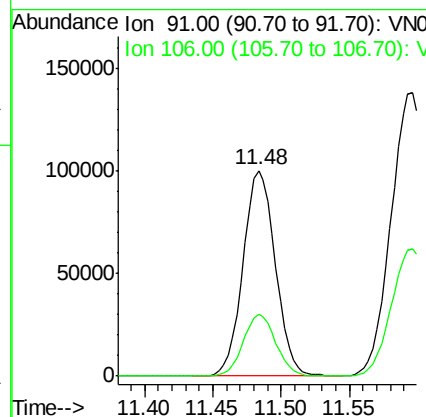
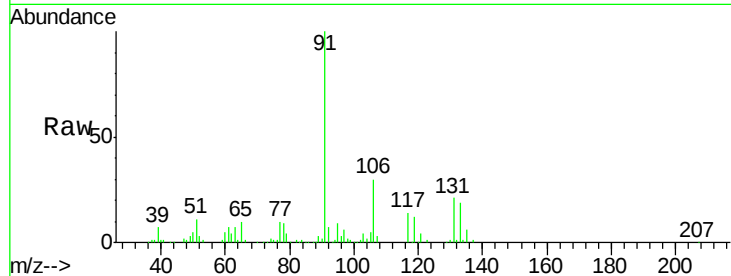




#67
Ethyl Benzene
Concen: 20.446 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

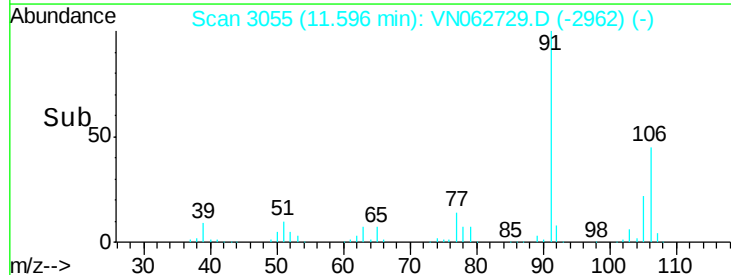
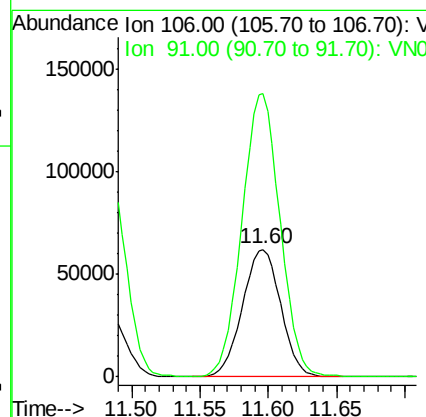
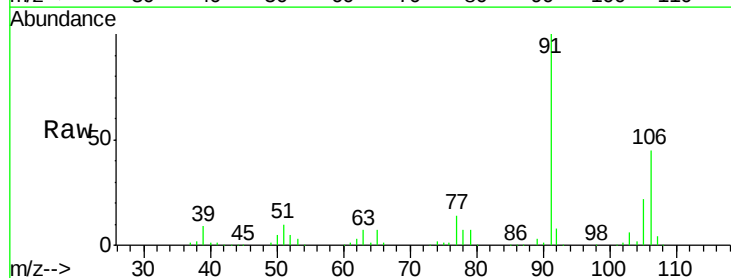
Instrument :
MSVOA_N
ClientSampled :
VN0803WBSD01

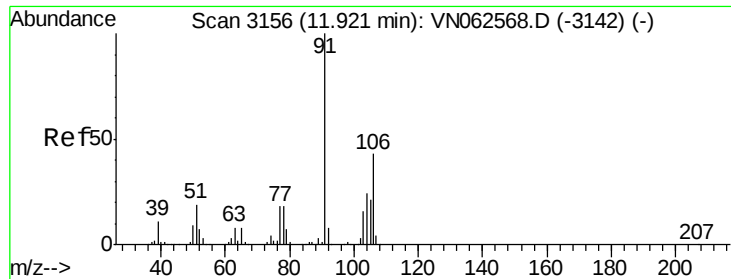
Tot Ion: 91 Resp: 164814
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.8



#68
m/p-Xylenes
Concen: 41.933 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion: 106 Resp: 121496
Ion Ratio Lower Upper
106 100
91 219.0 171.4 257.2

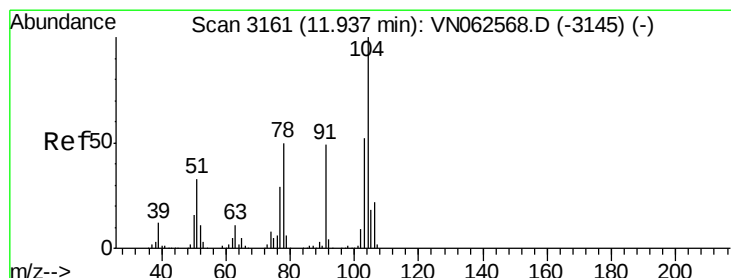
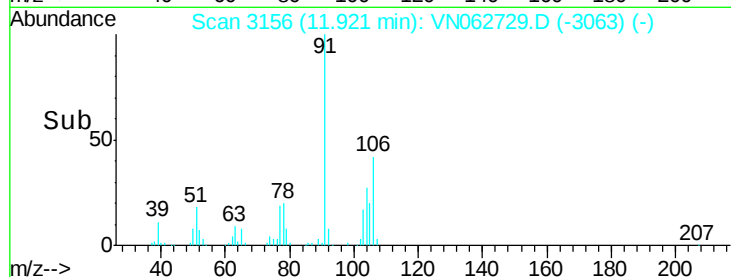
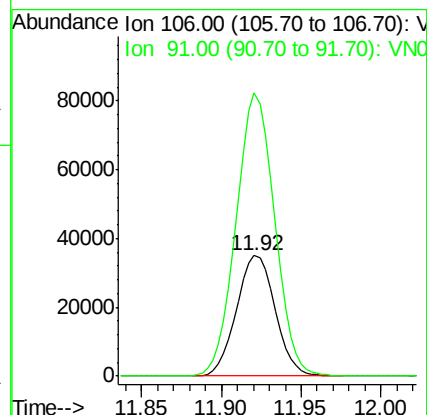
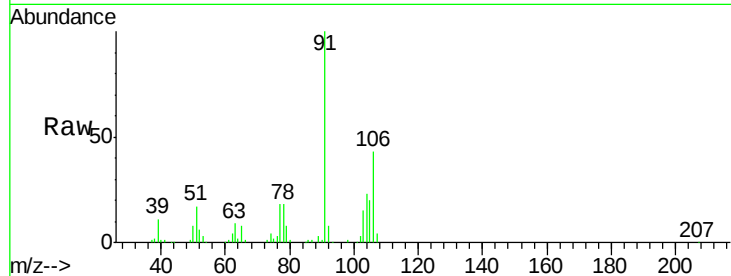




#69
o-Xylene
Concen: 21.016 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

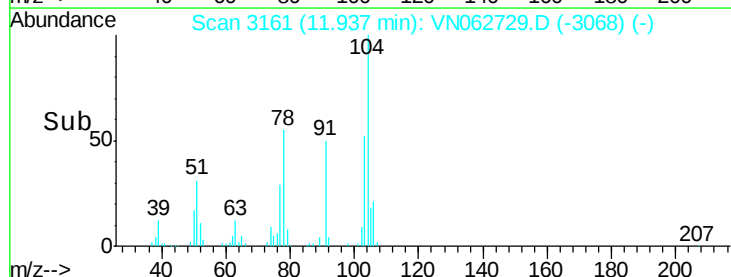
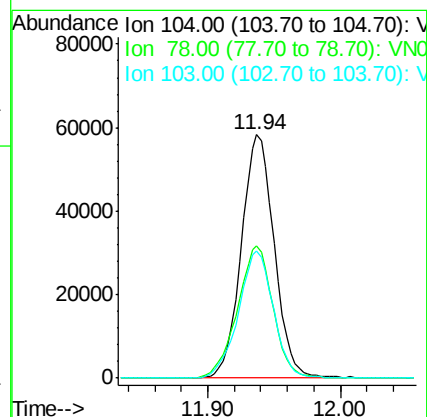
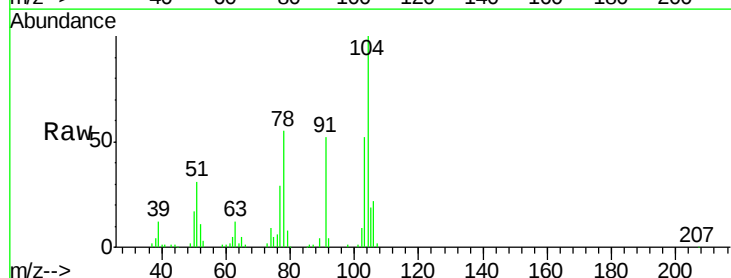
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

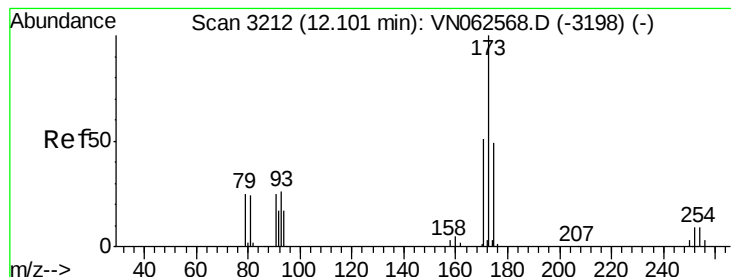
Tot Ion:106 Resp: 57823
Ion Ratio Lower Upper
106 100
91 234.3 113.8 341.2



#70
Styrene
Concen: 21.633 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion:104 Resp: 100545
Ion Ratio Lower Upper
104 100
78 58.7 43.8 65.6
103 55.4 44.0 66.0





#71

Bromoform

Concen: 23.084 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

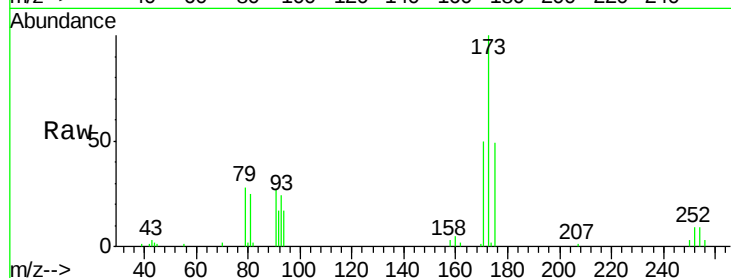
Tot Ion:173 Resp: 28667

Ion Ratio Lower Upper

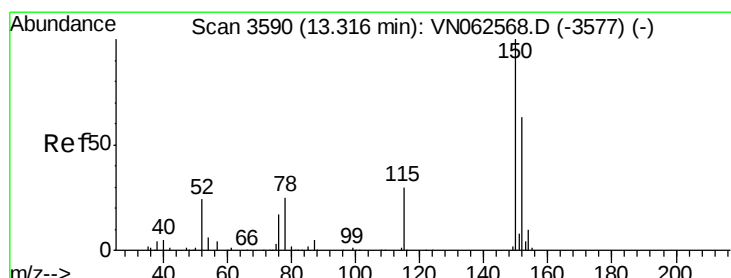
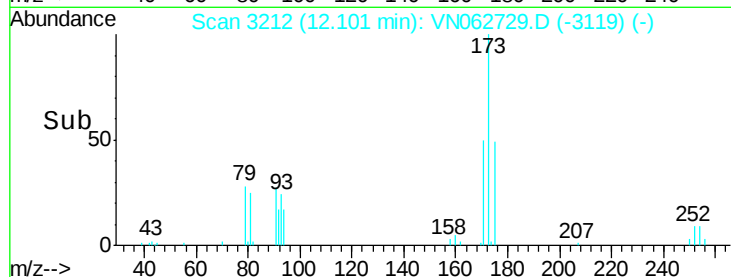
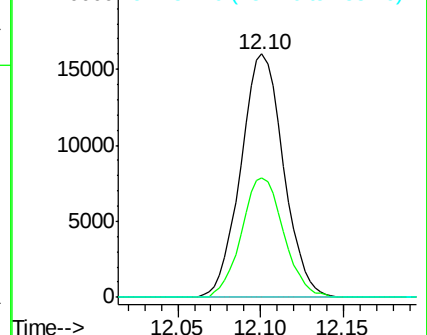
173 100

175 48.6 24.1 72.2

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# 3591

Delta R.T. 0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

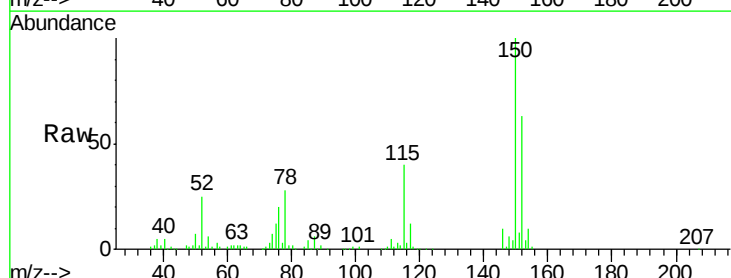
Tgt Ion:152 Resp: 99320

Ion Ratio Lower Upper

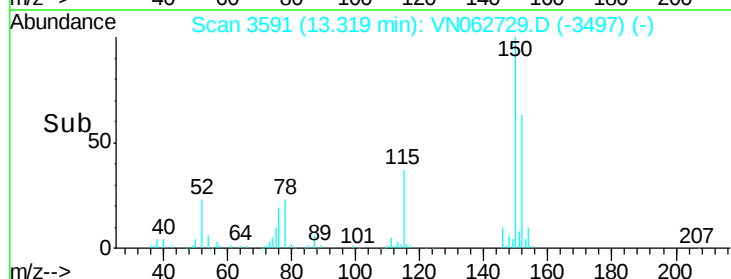
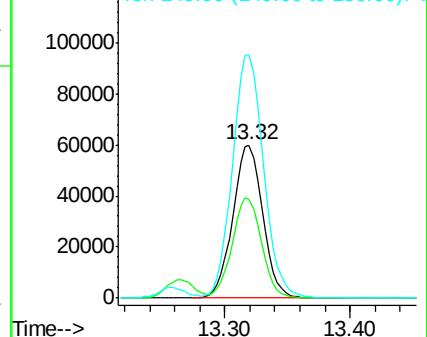
152 100

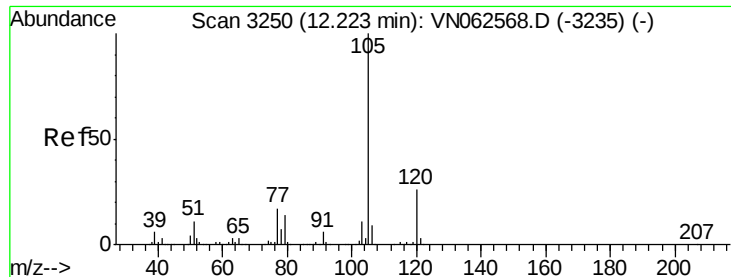
115 64.2 31.8 95.4

150 164.1 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.741 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

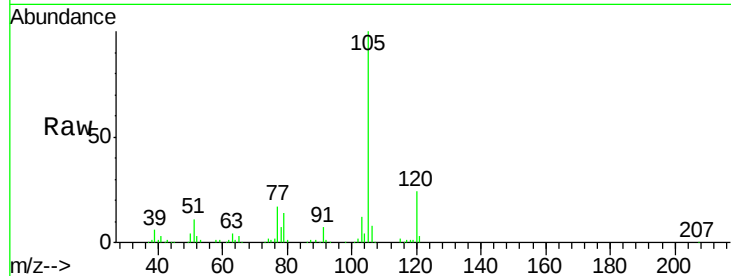
VN0803WBSD01

Tot Ion:105 Resp: 162884

Ion Ratio Lower Upper

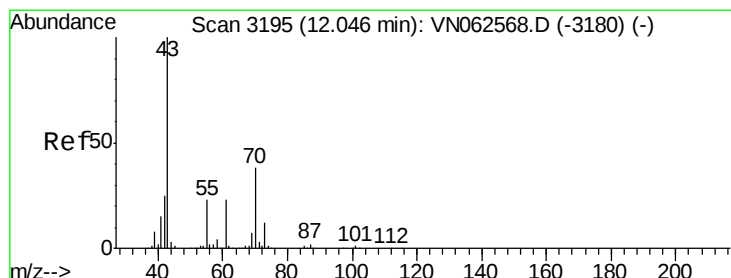
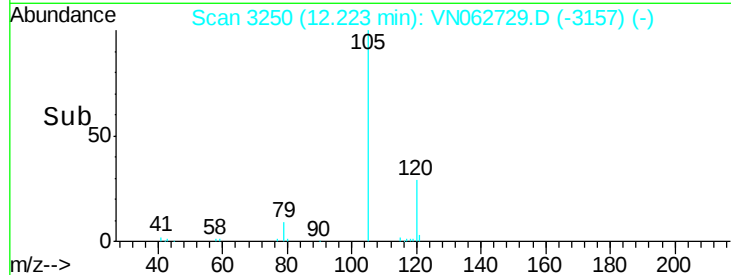
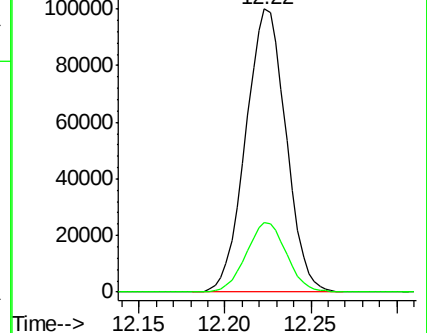
105 100

120 24.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.416 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Tgt Ion: 43 Resp: 68096

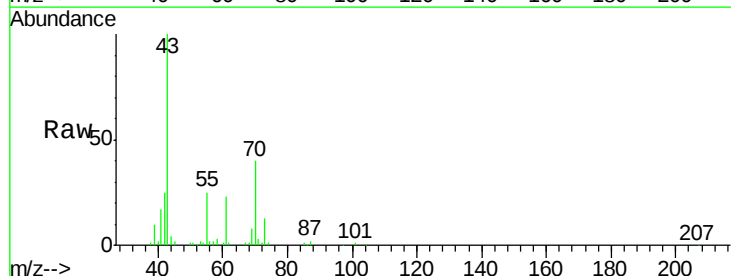
Ion Ratio Lower Upper

43 100

70 39.5 30.5 45.7

55 25.1 19.0 28.6

61 22.3 18.4 27.6

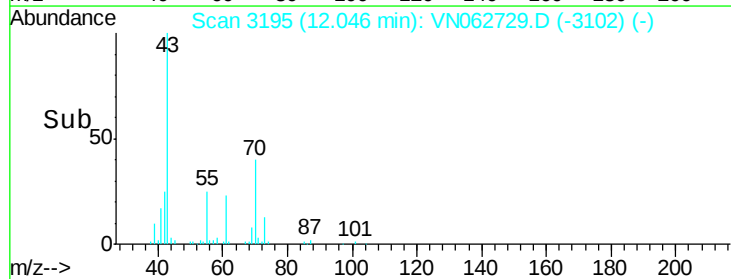
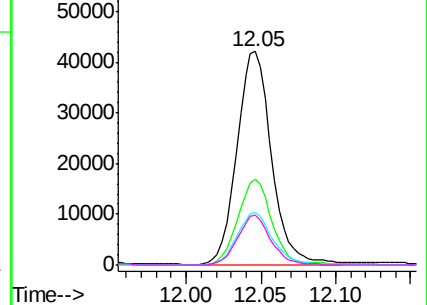


Abundance Ion 43.00 (42.70 to 43.70): V

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: 19.630 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

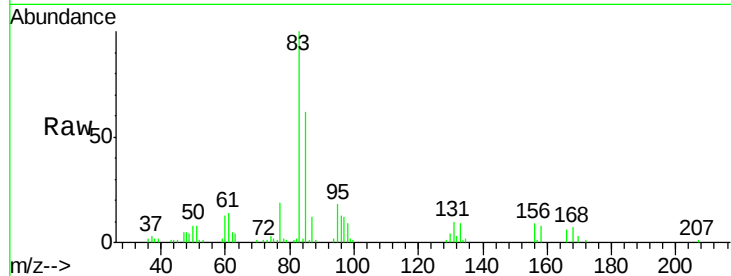
Tot Ion: 83 Resp: 53572

Ion Ratio Lower Upper

83 100

131 10.4 4.8 14.3

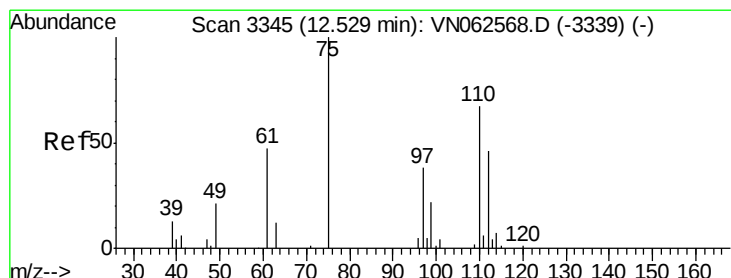
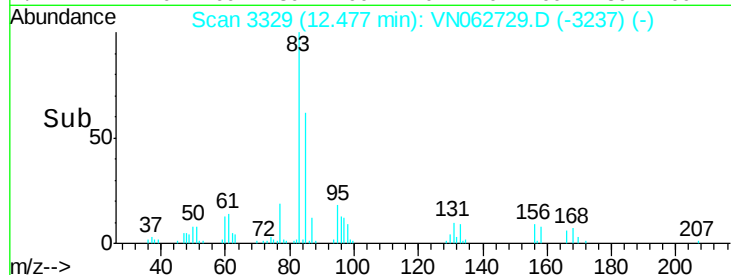
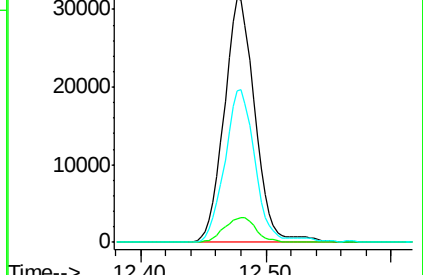
85 60.4 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN062729.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062729.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062729.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 27.134 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062729.D

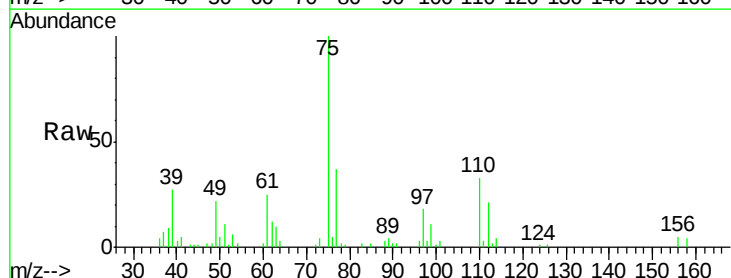
Acq: 3 Aug 2020 12:36

Tgt Ion: 75 Resp: 68596

Ion Ratio Lower Upper

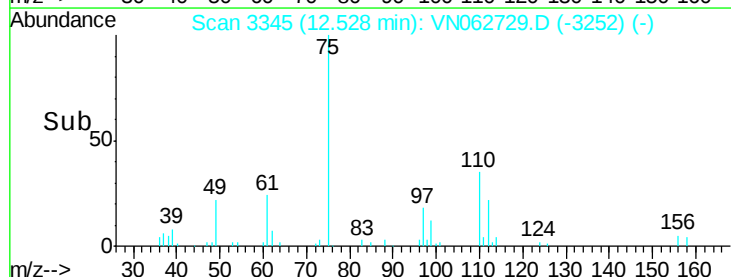
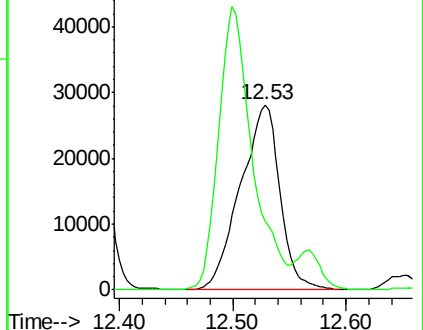
75 100

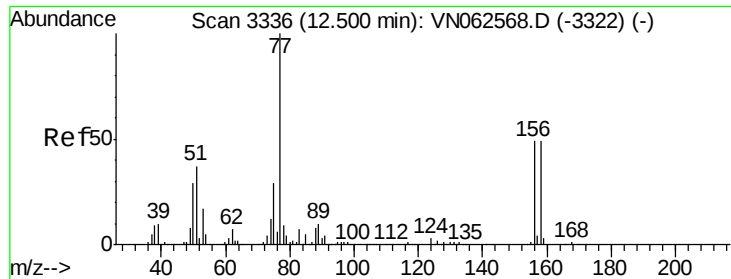
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062729.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062729.D (-3252) (-)





#77

Bromobenzene

Concen: 20.489 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

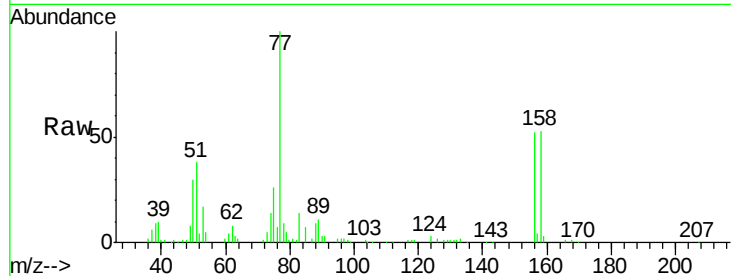
Tot Ion:156 Resp: 38669

Ion Ratio Lower Upper

156 100

77 231.5 122.8 368.3

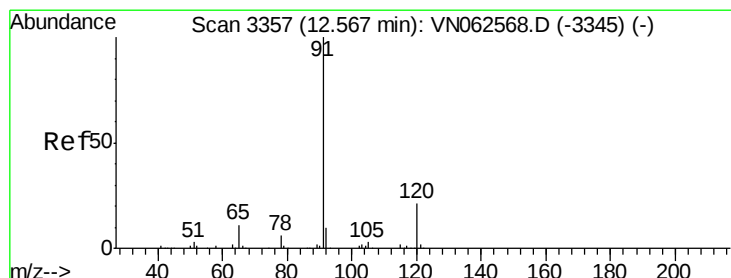
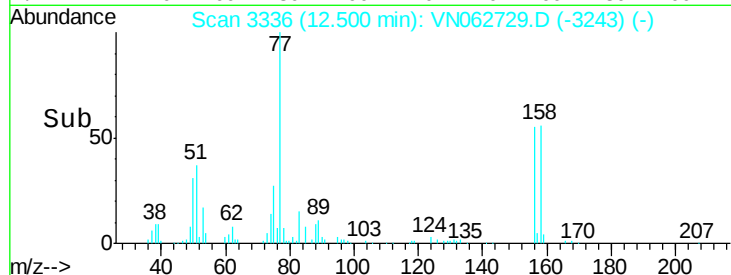
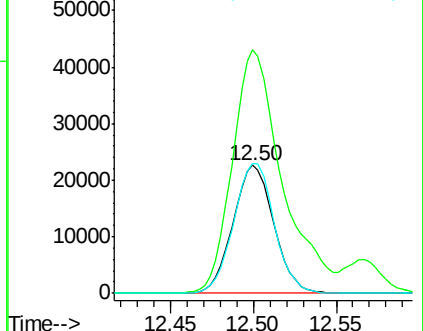
158 101.1 49.4 148.0



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: 20.461 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062729.D

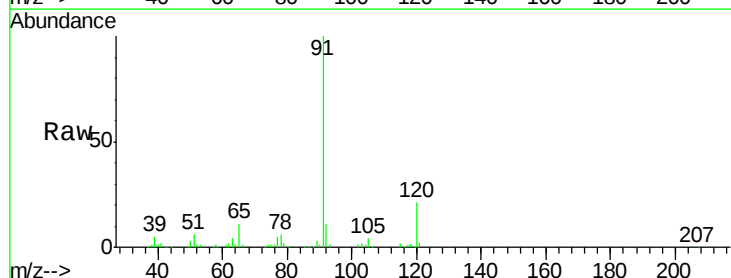
Acq: 3 Aug 2020 12:36

Tgt Ion: 91 Resp: 188221

Ion Ratio Lower Upper

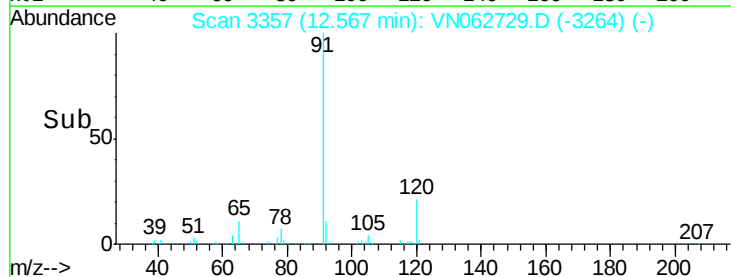
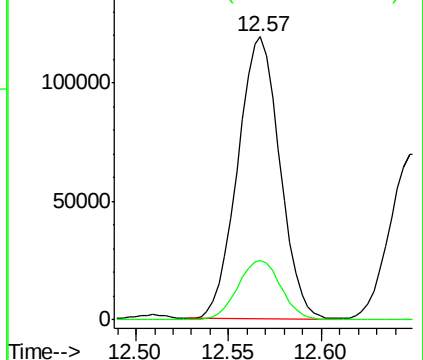
91 100

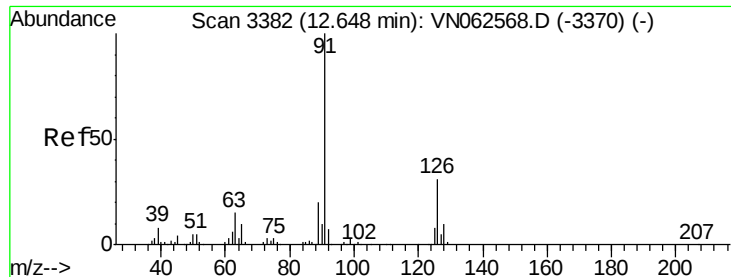
120 21.6 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

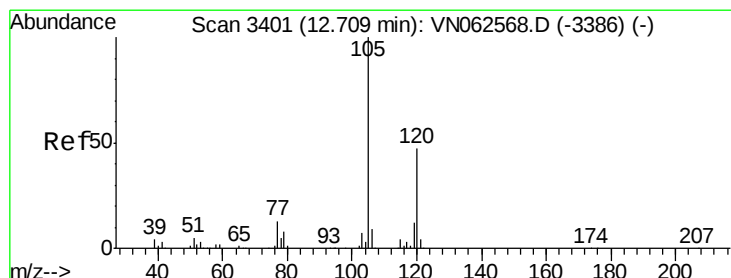
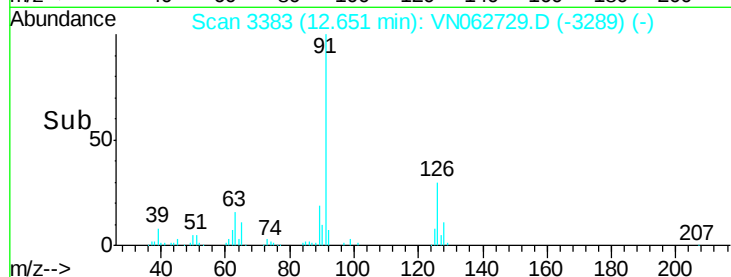
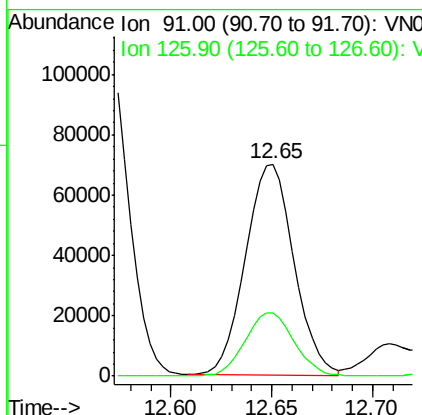
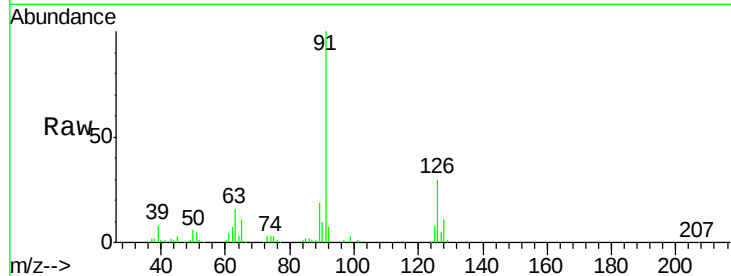




#79
 2-Chlorotoluene
 Concen: 20.724 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

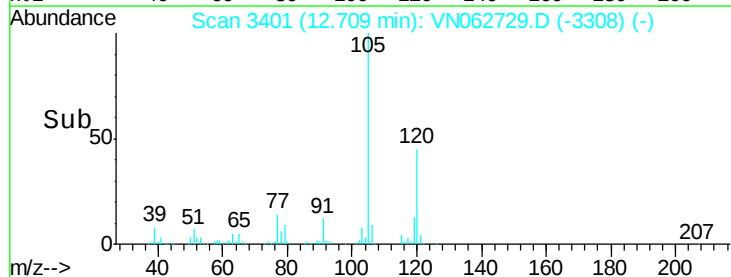
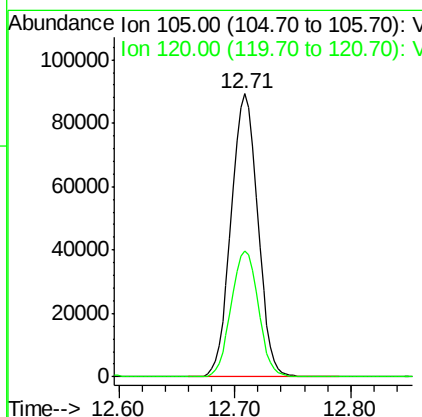
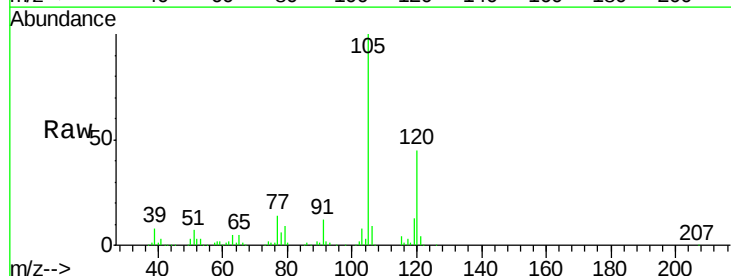
Instrument :
 MSVOA_N
 ClientSampled :
 VN0803WBSD01

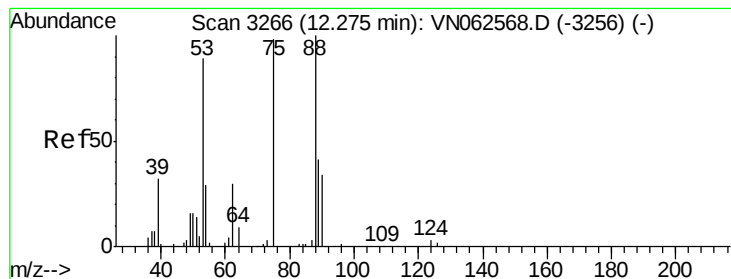
Tot Ion: 91 Resp: 117487
 Ion Ratio Lower Upper
 91 100
 126 30.4 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 21.879 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Tgt Ion: 105 Resp: 142526
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.173 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampled :

VN0803WBSD01

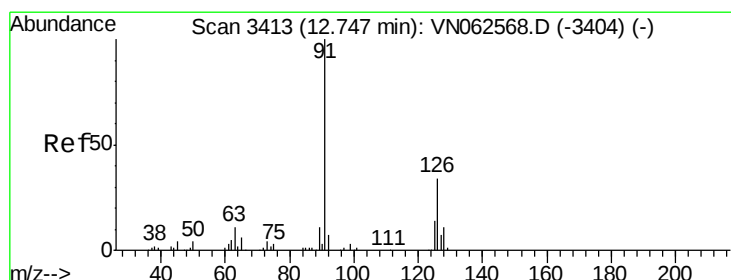
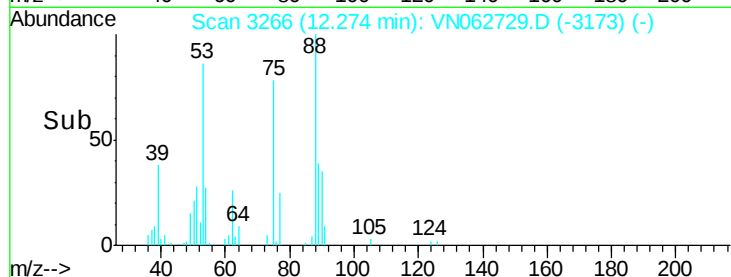
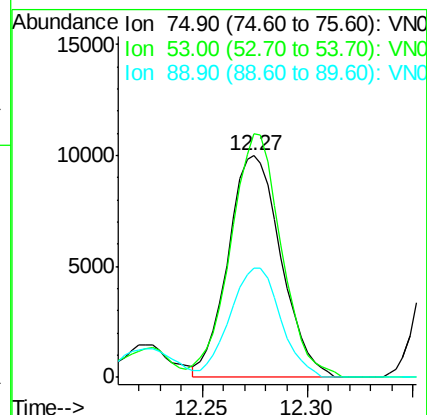
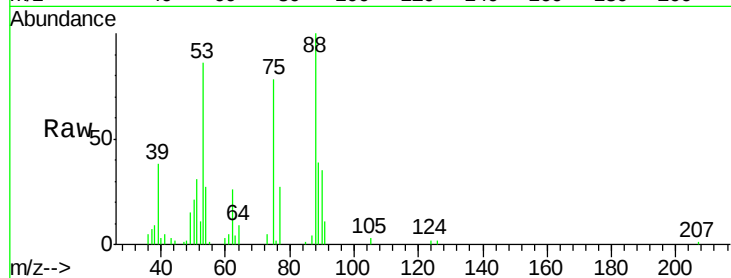
Tot Ion: 75 Resp: 17412

Ion Ratio Lower Upper

75 100

53 105.6 75.4 113.0

89 47.3 34.5 51.7



#82

4-Chlorotoluene

Concen: 20.446 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062729.D

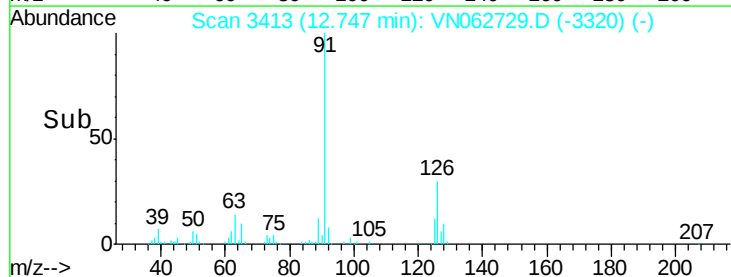
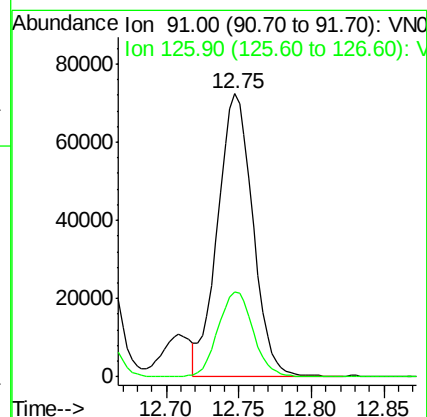
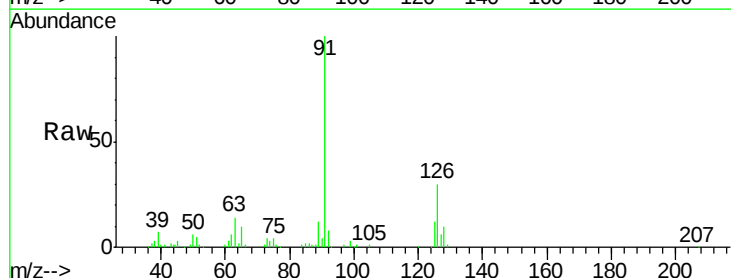
Acq: 3 Aug 2020 12:36

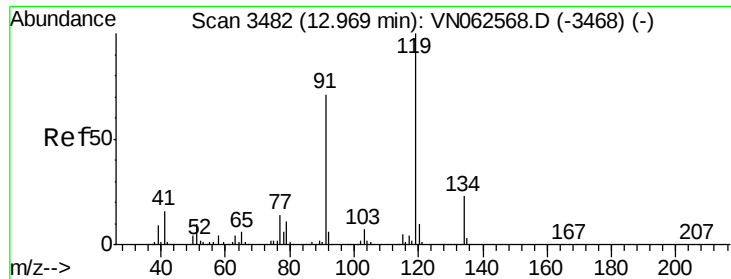
Tgt Ion: 91 Resp: 120649

Ion Ratio Lower Upper

91 100

126 30.3 15.4 46.4

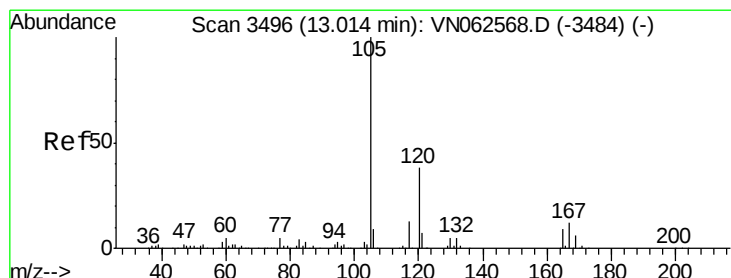
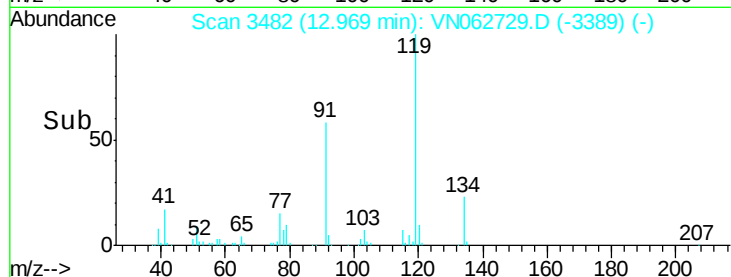
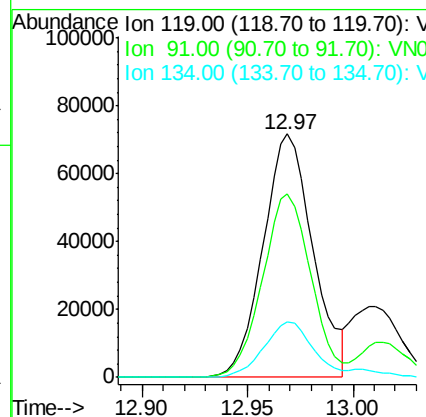
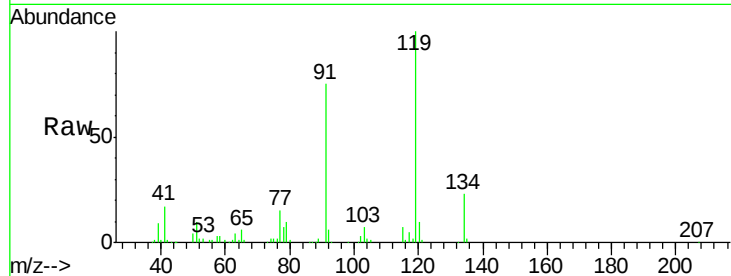




#83
tert-Butylbenzene
Concen: 21.852 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

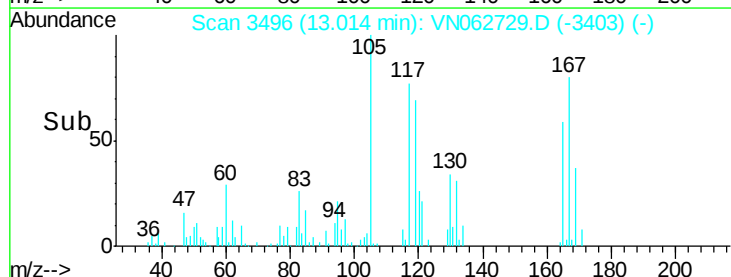
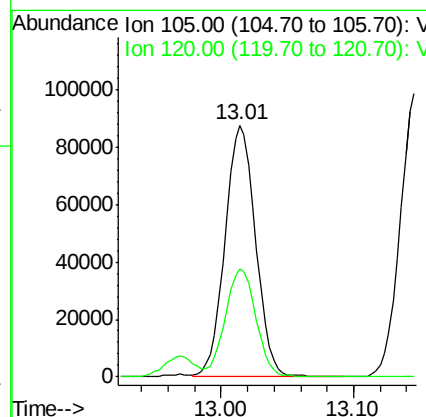
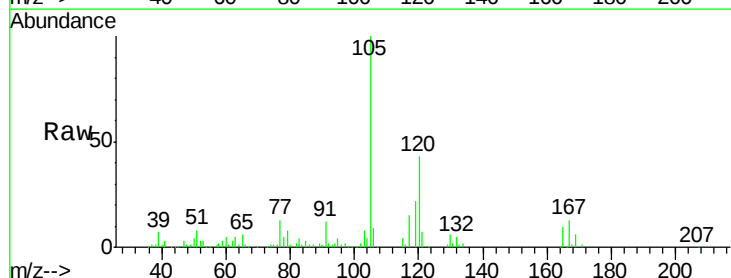
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

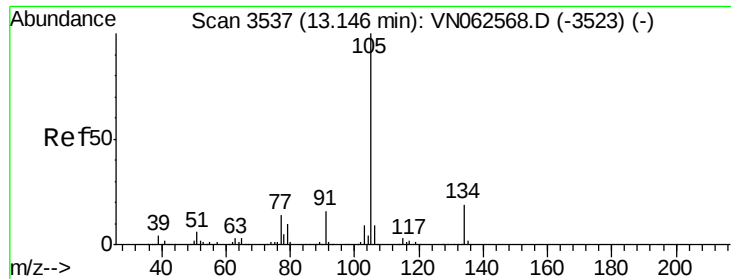
Tot Ion:119 Resp: 118205
Ion Ratio Lower Upper
119 100
91 73.6 34.6 103.8
134 22.7 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 21.966 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion:105 Resp: 140376
Ion Ratio Lower Upper
105 100
120 43.0 22.1 66.3





#85

sec-Butylbenzene

Concen: 21.618 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampled :

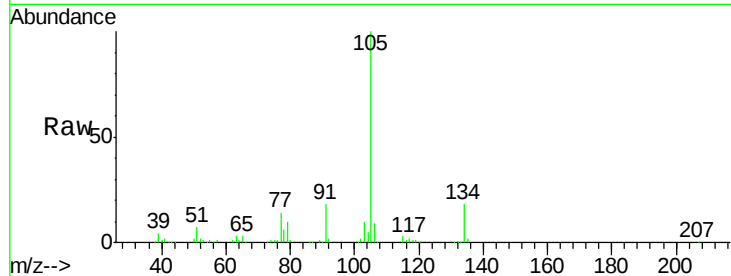
VN0803WBSD01

Tot Ion:105 Resp: 156551

Ion Ratio Lower Upper

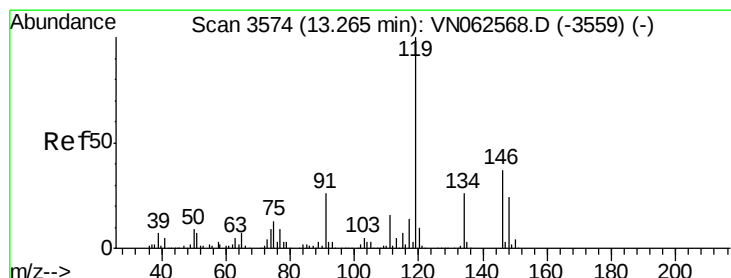
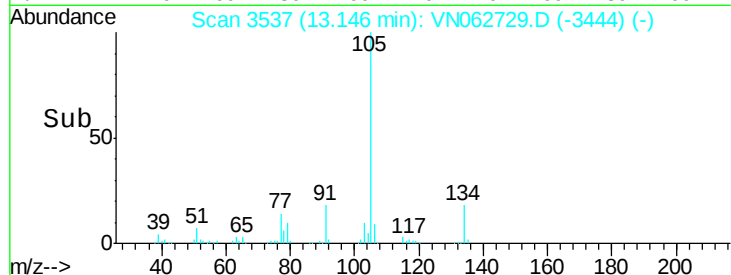
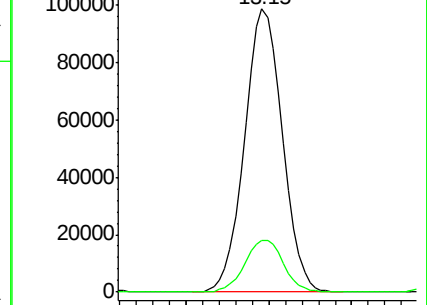
105 100

134 18.7 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.564 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

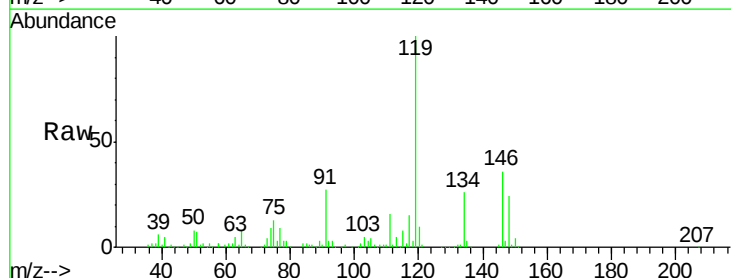
Tgt Ion:119 Resp: 140539

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

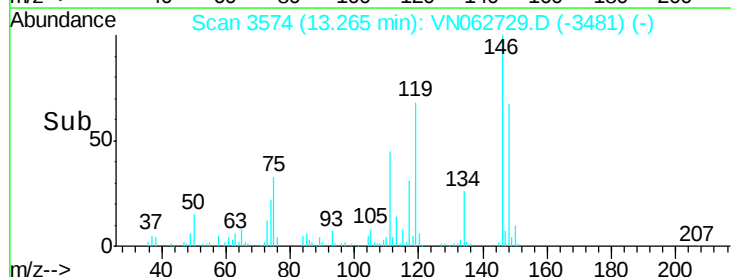
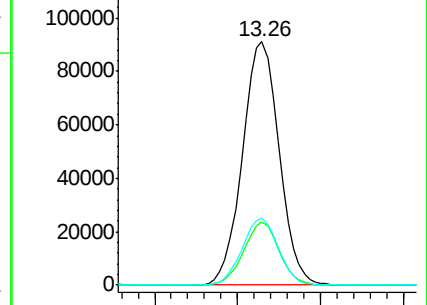
91 27.3 12.7 38.1

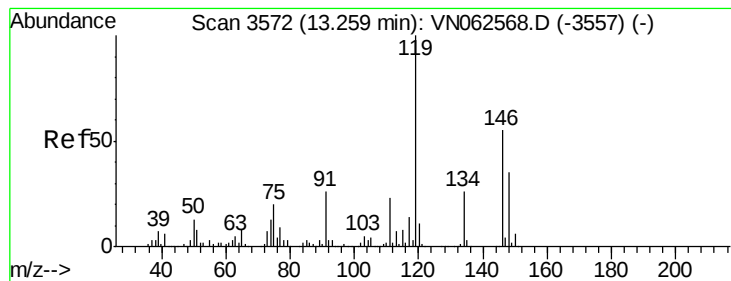


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.552 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

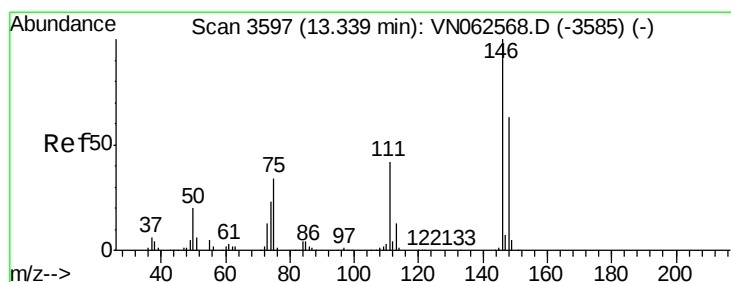
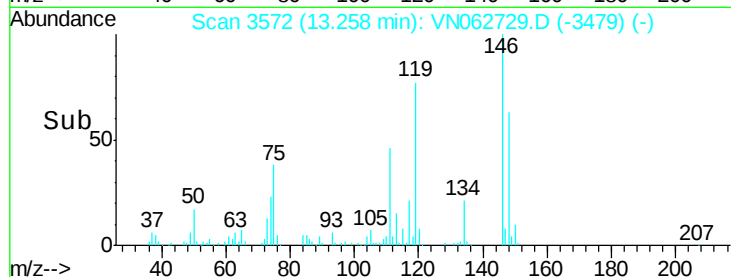
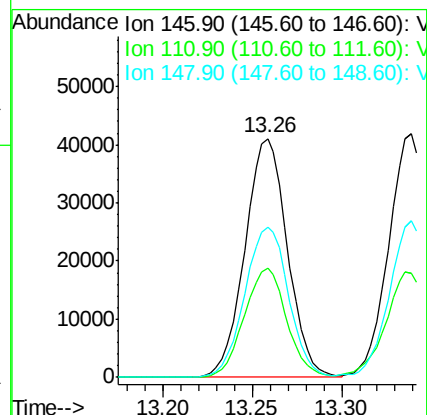
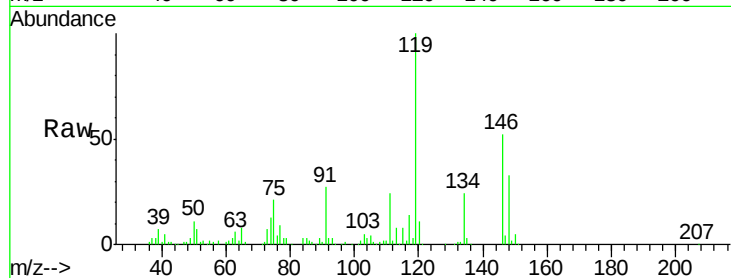
Tot Ion:146 Resp: 68068

Ion Ratio Lower Upper

146 100

111 45.6 21.6 64.6

148 65.0 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 21.122 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

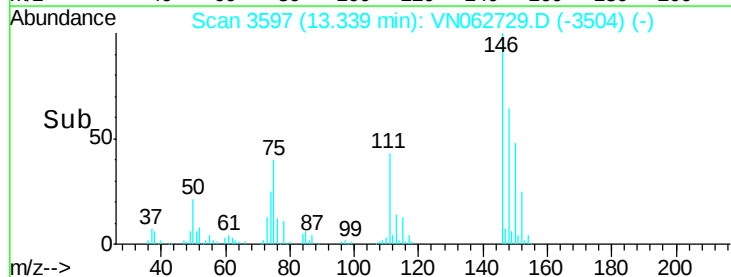
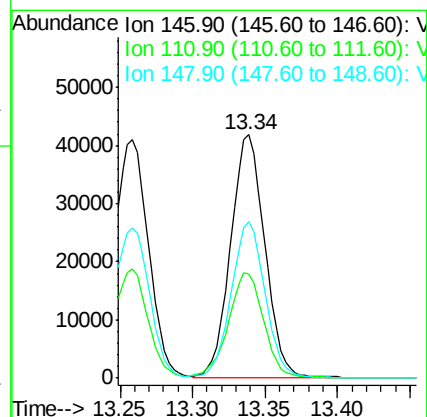
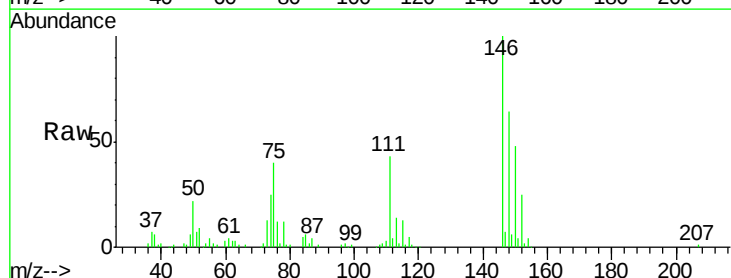
Tgt Ion:146 Resp: 68863

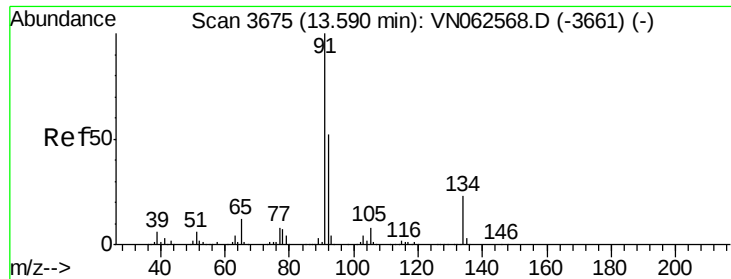
Ion Ratio Lower Upper

146 100

111 44.9 21.1 63.1

148 63.6 31.6 94.8

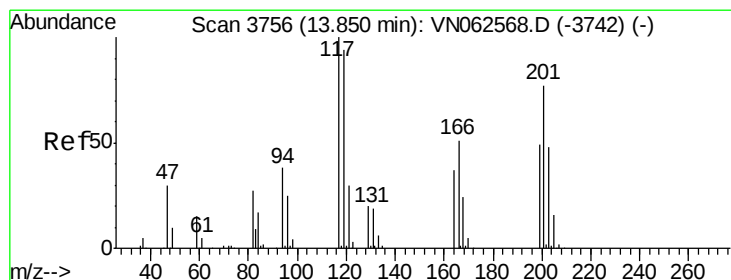
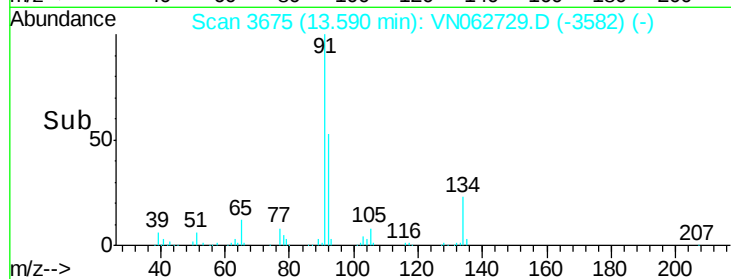
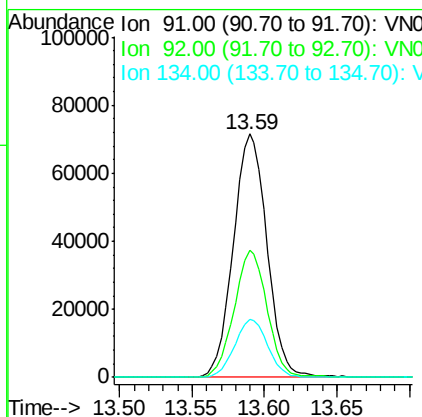
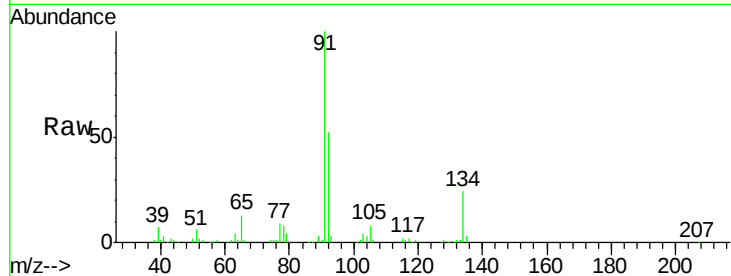




#89
n-Butylbenzene
Concen: 21.490 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

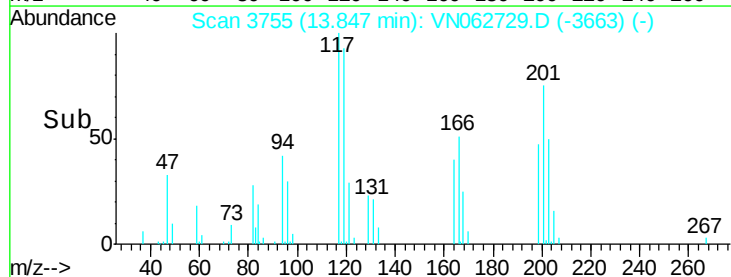
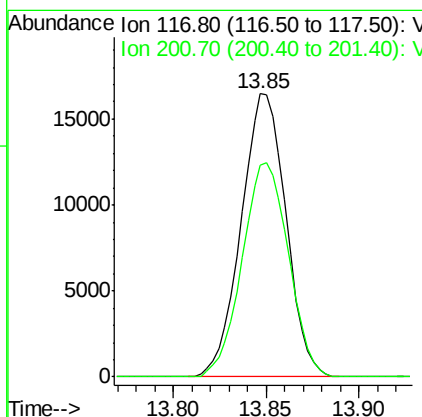
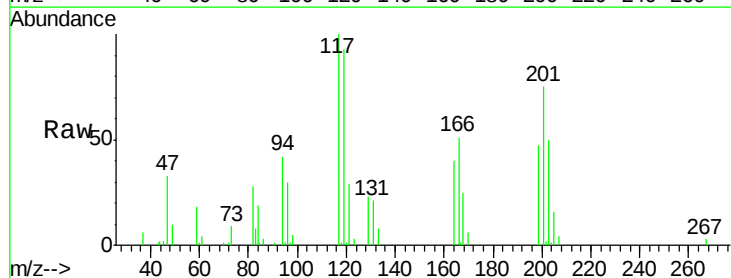
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

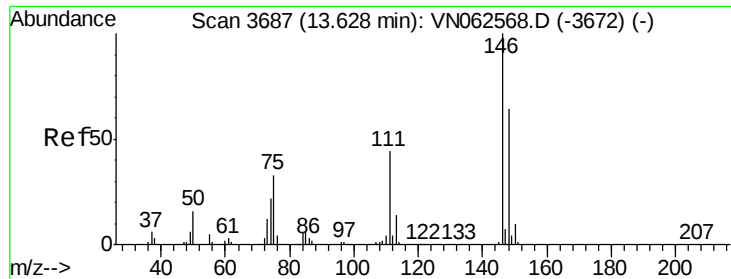
Tot Ion: 91 Resp: 115009
Ion Ratio Lower Upper
91 100
92 51.1 25.8 77.3
134 23.5 11.8 35.3



#90
Hexachloroethane
Concen: 20.836 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion: 117 Resp: 27627
Ion Ratio Lower Upper
117 100
201 78.1 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 20.355 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampled :

VN0803WBSD01

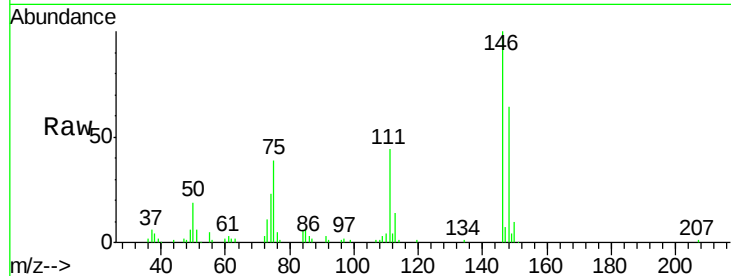
Tot Ion:146 Resp: 64462

Ion Ratio Lower Upper

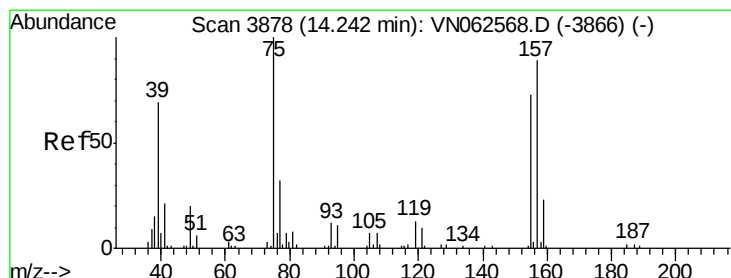
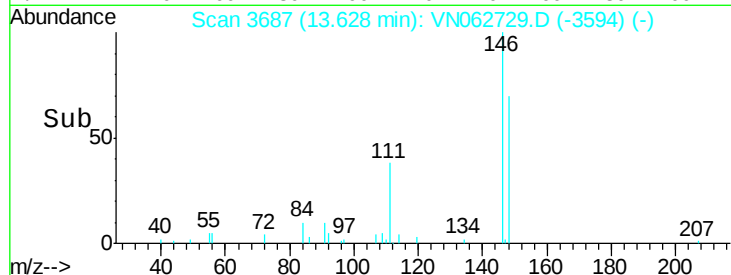
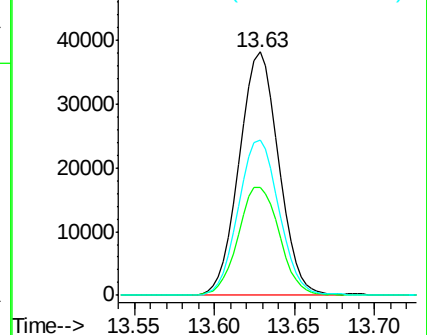
146 100

111 46.3 21.9 65.8

148 65.8 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.141 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

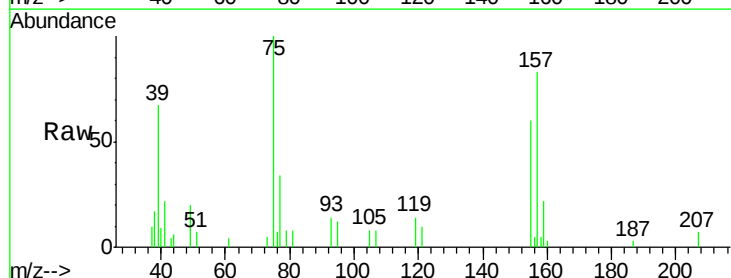
Tgt Ion: 75 Resp: 10475

Ion Ratio Lower Upper

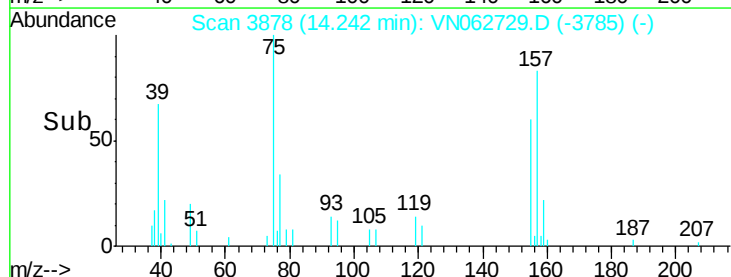
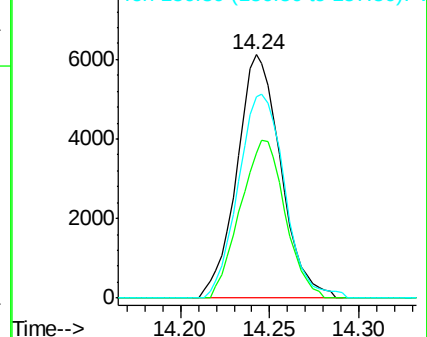
75 100

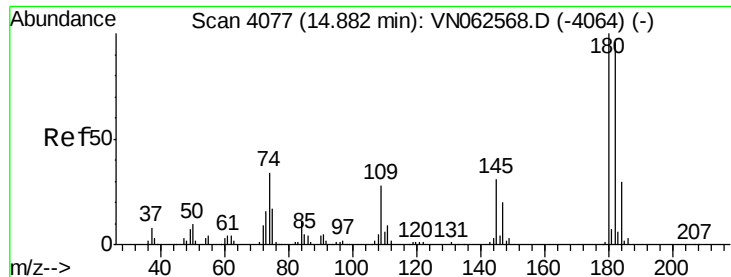
155 65.9 35.9 107.5

157 88.5 45.0 135.0



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

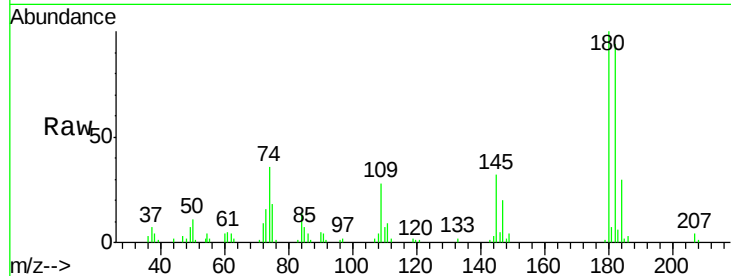




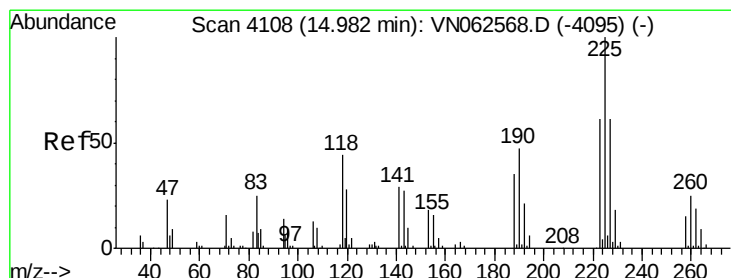
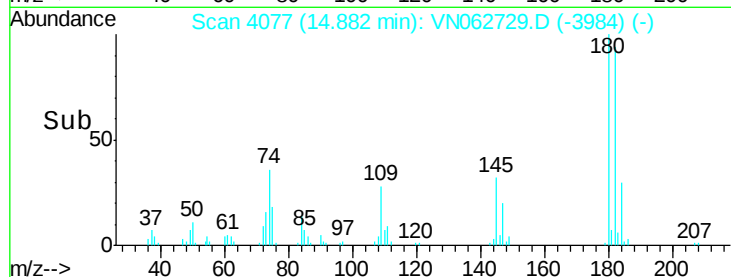
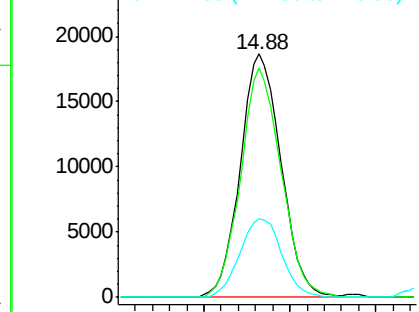
#93
 1,2,4-Trichlorobenzene
 Concen: 20.388 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Instrument :
 MSVOA_N
 ClientSampled :
 VN0803WBSD01

Tot Ion:180 Resp: 30684
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.8 143.3
 145 33.2 15.3 45.9

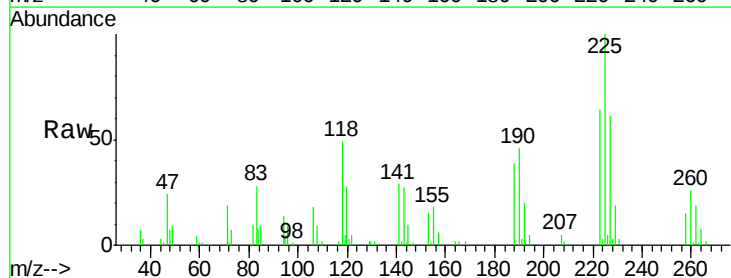


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

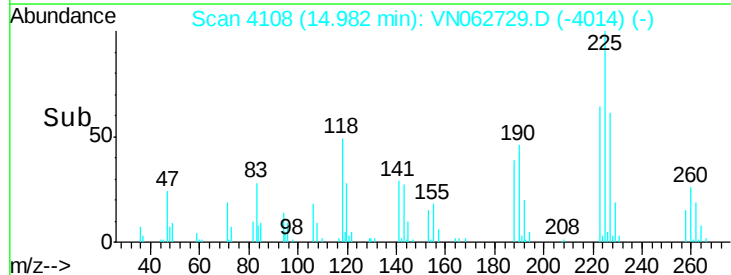
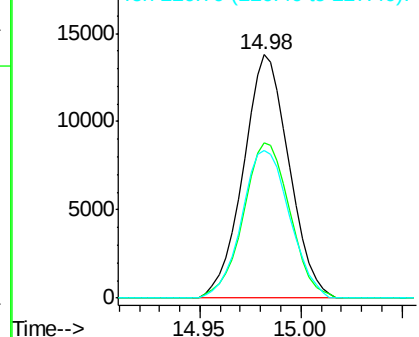


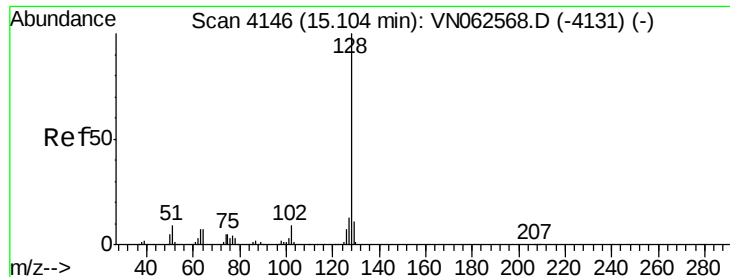
#94
 Hexachlorobutadiene
 Concen: 25.317 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Tgt Ion:225 Resp: 21873
 Ion Ratio Lower Upper
 225 100
 223 64.9 32.0 96.0
 227 63.5 31.1 93.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.851 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

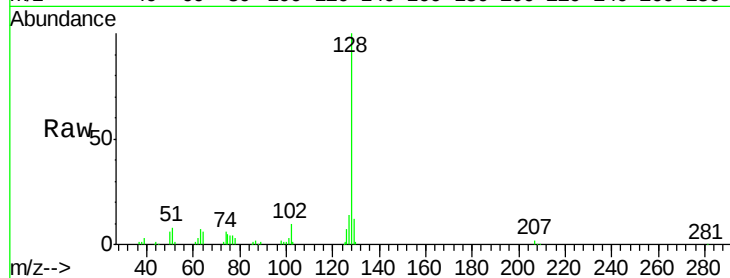
Tot Ion:128 Resp: 76846

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

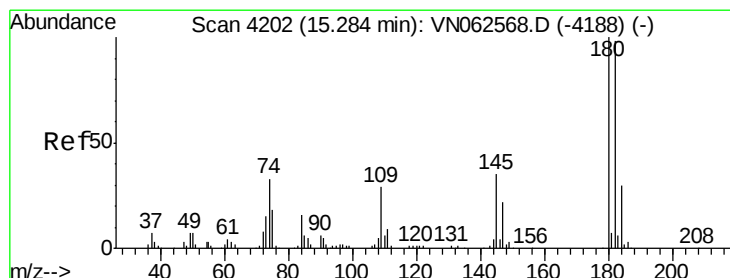
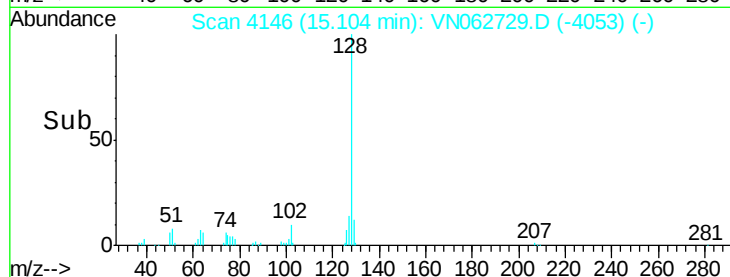
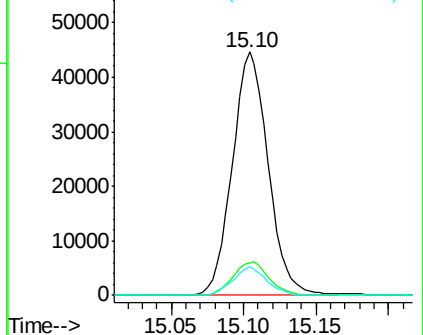
129 10.9 8.7 13.1



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: 20.657 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

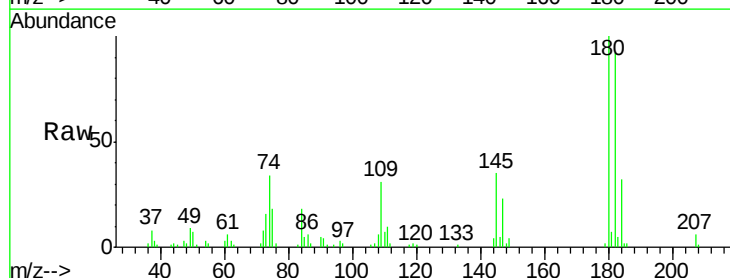
Tgt Ion:180 Resp: 30828

Ion Ratio Lower Upper

180 100

182 94.5 48.1 144.3

145 35.5 16.7 50.1



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

