

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
 Data File : VN062803.D
 Acq On : 10 Aug 2020 12:44
 Operator : JC/MD
 Sample : VN0810WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

Quant Time: Aug 11 06:53:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	167732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	275699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	119605	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	121310	43.73	ug/l	0.00
Spiked Amount			Recovery	=	87.46%	
35) Dibromofluoromethane	7.55	113	85288	45.22	ug/l	0.00
Spiked Amount			Recovery	=	90.44%	
50) Toluene-d8	10.06	98	327654	44.50	ug/l	0.00
Spiked Amount			Recovery	=	89.00%	
62) 4-Bromofluorobenzene	12.38	95	126156	45.34	ug/l	0.00
Spiked Amount			Recovery	=	90.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	43911	18.282	ug/l	99
3) Chloromethane	2.03	50	39080	17.242	ug/l	100
4) Vinyl Chloride	2.16	62	39008	18.349	ug/l	97
5) Bromomethane	2.52	94	27397	19.468	ug/l	94
6) Chloroethane	2.66	64	26981	19.292	ug/l	95
7) Trichlorofluoromethane	2.97	101	69388	18.305	ug/l	100
8) Diethyl Ether	3.37	74	20379	18.779	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	30515	19.422	ug/l	95
10) Methyl Iodide	3.91	142	34218	18.624	ug/l	97
11) Tert butyl alcohol	4.74	59	41525	91.341	ug/l	99
12) 1,1-Dichloroethene	3.69	96	26285	17.645	ug/l	96
13) Acrolein	3.57	56	16374	59.487	ug/l	95
14) Allyl chloride	4.27	41	50713	17.269	ug/l	97
15) Acrylonitrile	4.93	53	96526	91.544	ug/l	99
16) Acetone	3.78	43	82339	82.153	ug/l	99
17) Carbon Disulfide	4.00	76	71136	16.926	ug/l	98
18) Methyl Acetate	4.28	43	46459	18.896	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	124437	19.149	ug/l	98
20) Methylene Chloride	4.50	84	35871	19.087	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	29494	17.572	ug/l	99
22) Diisopropyl ether	5.90	45	116676	18.664	ug/l	97
23) Vinyl Acetate	5.84	43	409380	86.095	ug/l	98
24) 1,1-Dichloroethane	5.80	63	64618	17.638	ug/l	99
25) 2-Butanone	6.79	43	123593	87.067	ug/l	99
26) 2,2-Dichloropropane	6.77	77	54818	16.233	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	37269	18.509	ug/l	90
28) Bromochloromethane	7.15	49	29773	16.839	ug/l	95
29) Tetrahydrofuran	7.17	42	80834	87.652	ug/l	95
30) Chloroform	7.33	83	67578	17.357	ug/l	98
31) Cyclohexane	7.62	56	60436	17.971	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	59302	17.036	ug/l	99
36) 1,1-Dichloropropene	7.76	75	45449	16.930	ug/l	98
37) Ethyl Acetate	6.88	43	44795	15.974	ug/l	97
38) Carbon Tetrachloride	7.73	117	52008	16.381	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	57279	17.730	ug/l	98
40) Benzene	8.00	78	135163	16.873	ug/l	97
41) Methacrylonitrile	7.13	41	21617	17.083	ug/l #	74
42) 1,2-Dichloroethane	8.09	62	58284	17.095	ug/l	100
43) Isopropyl Acetate	8.13	43	80040	17.112	ug/l	98
44) Trichloroethene	8.80	130	33547	17.189	ug/l	99
45) 1,2-Dichloropropane	9.09	63	38050	17.550	ug/l	99
46) Dibromomethane	9.18	93	25959	18.274	ug/l	97
47) Bromodichloromethane	9.37	83	55177	17.294	ug/l	96
48) Methyl methacrylate	9.17	41	37904	16.475	ug/l	98
49) 1,4-Dioxane	9.17	88	16227	380.653	ug/l	91
51) 4-Methyl-2-Pentanone	9.95	43	263222	86.977	ug/l	99
52) Toluene	10.12	92	85863	17.360	ug/l	98
53) t-1,3-Dichloropropene	10.36	75	61244	17.451	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	63375	17.986	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	37125	17.575	ug/l	97
56) Ethyl methacrylate	10.40	69	57187	17.986	ug/l	98
57) 1,3-Dichloropropane	10.68	76	63560	17.709	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	81602	90.796	ug/l	100
59) 2-Hexanone	10.72	43	191018	84.616	ug/l	99
60) Dibromochloromethane	10.88	129	41853	17.362	ug/l	98
61) 1,2-Dibromoethane	10.98	107	37776	18.123	ug/l	99
64) Tetrachloroethene	10.60	164	28944	17.508	ug/l	94
65) Chlorobenzene	11.41	112	96215	17.964	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	38729	18.006	ug/l	99
67) Ethyl Benzene	11.49	91	172385	17.986	ug/l	99
68) m/p-Xylenes	11.60	106	124493	35.782	ug/l	99
69) o-Xylene	11.92	106	61359	18.819	ug/l	100
70) Styrene	11.94	104	107856	18.819	ug/l	97
71) Bromoform	12.10	173	29442	16.730	ug/l #	100
73) Isopropylbenzene	12.22	105	172478	19.151	ug/l	100
74) N-amyl acetate	12.05	43	69536	19.052	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	58787	18.542	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	76262	23.643	ug/l #	100
77) Bromobenzene	12.50	156	40269	17.995	ug/l	99
78) n-propylbenzene	12.57	91	197211	18.654	ug/l	98
79) 2-Chlorotoluene	12.65	91	122868	18.533	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	150985	19.324	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	18697	17.695	ug/l	96
82) 4-Chlorotoluene	12.75	91	129007	18.883	ug/l	98
83) tert-Butylbenzene	12.97	119	126477	19.130	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	148378	19.850	ug/l	98
85) sec-Butylbenzene	13.15	105	165431	19.054	ug/l	100
86) p-Isopropyltoluene	13.26	119	149984	19.462	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	72687	18.182	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	70854	17.671	ug/l	96
89) n-Butylbenzene	13.59	91	126051	19.340	ug/l	99
90) Hexachloroethane	13.85	117	28159	16.951	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	70698	18.863	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11632	17.090	ug/l	89

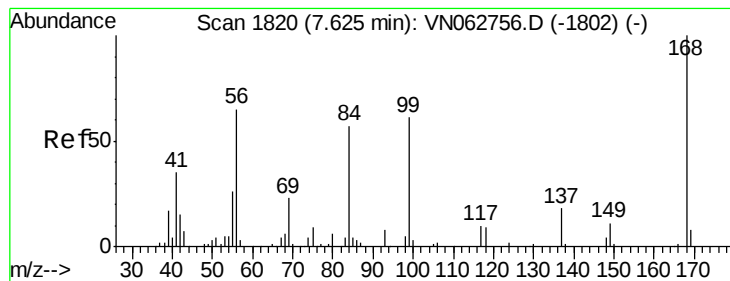
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	34626	19.382	ug/l	95
94) Hexachlorobutadiene	14.98	225	21253	16.995	ug/l	97
95) Naphthalene	15.10	128	101480	20.796	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	36232	20.003	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

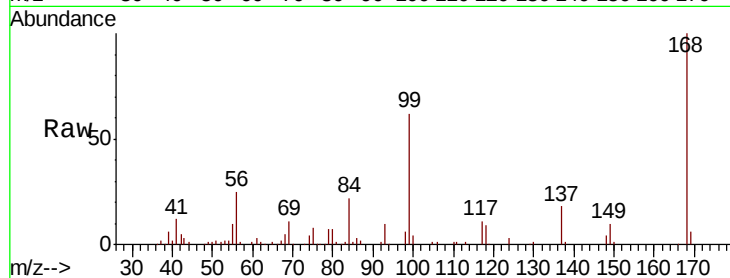
VN0810WBS01

Tot Ion:168 Resp: 167732

Ion Ratio Lower Upper

168 100

99 62.0 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

40000

20000

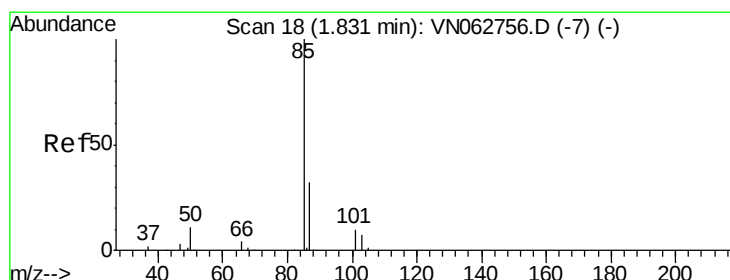
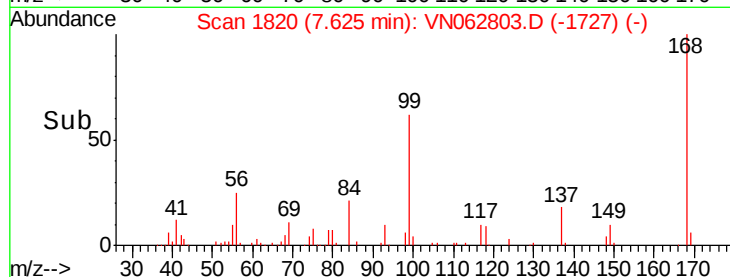
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.282 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062803.D

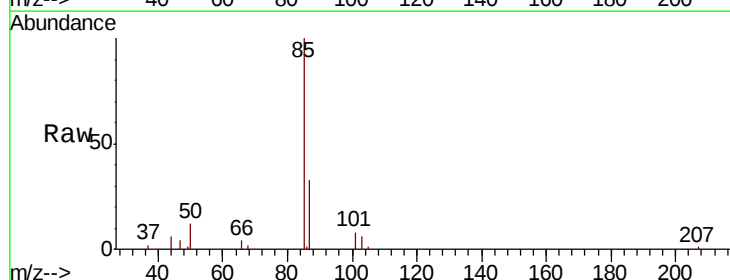
Acq: 10 Aug 2020 12:44

Tgt Ion: 85 Resp: 43911

Ion Ratio Lower Upper

85 100

87 33.1 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

20000

10000

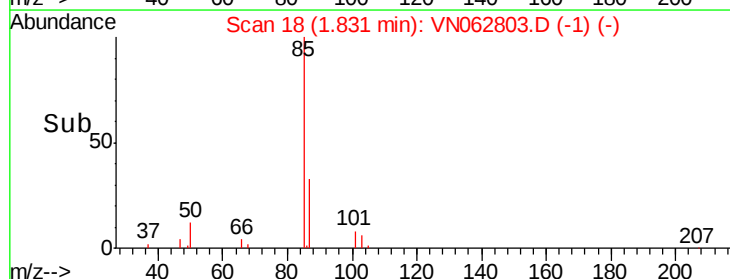
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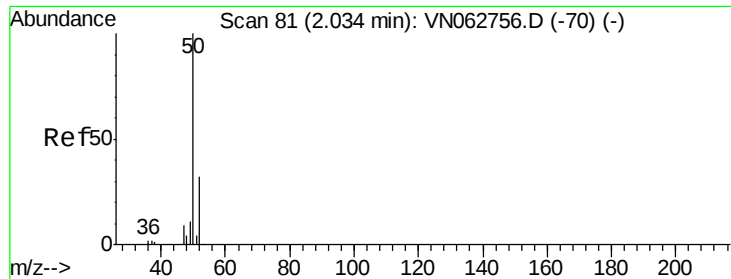
1.80

1.85

1.90

Time-->

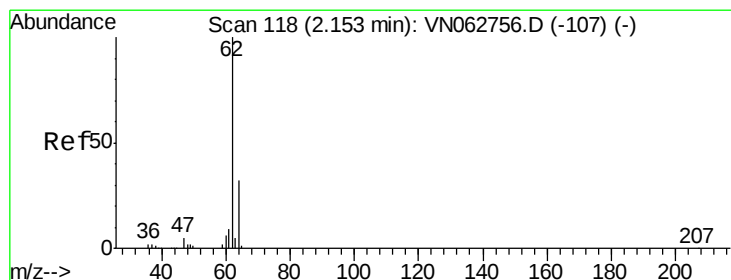
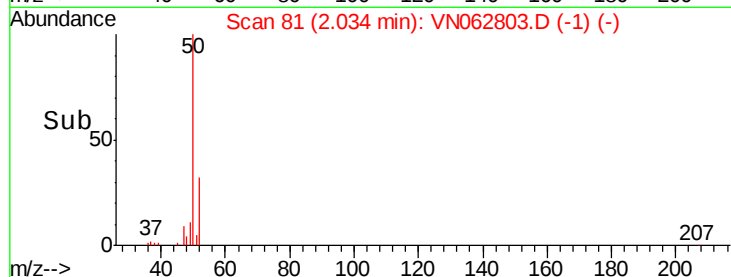
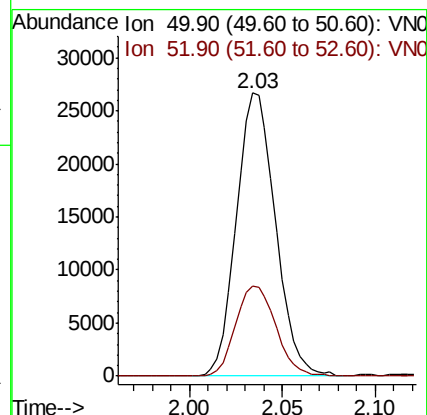
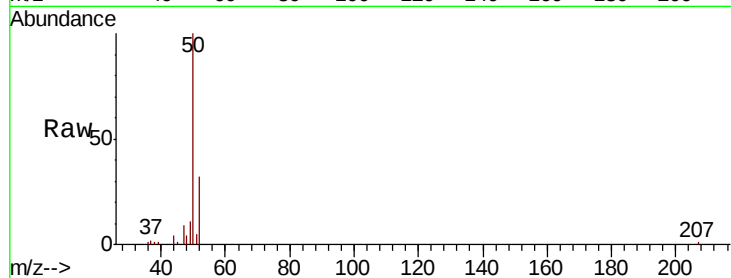




#3
Chloromethane
Concen: 17.242 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

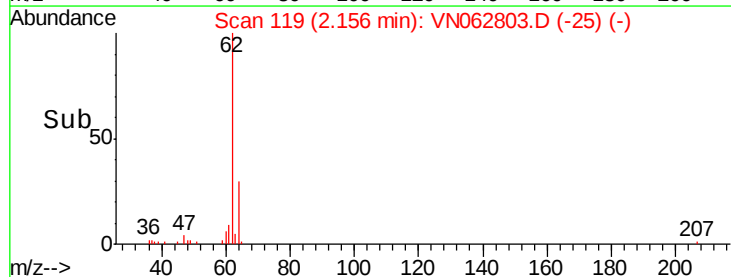
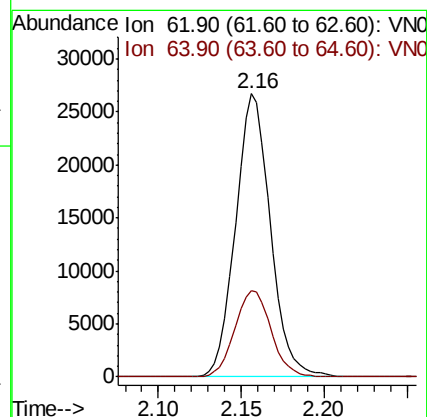
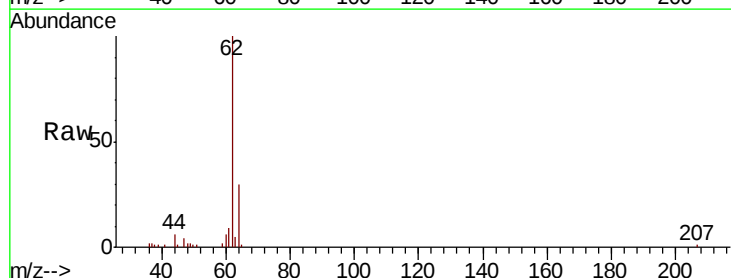
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

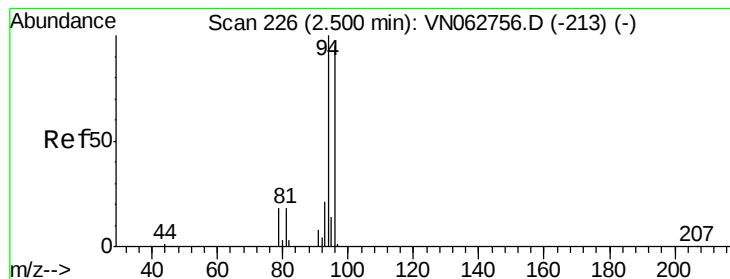
Tot Ion: 50 Resp: 39080
Ion Ratio Lower Upper
50 100
52 32.0 25.6 38.4



#4
Vinyl Chloride
Concen: 18.349 ug/l
RT: 2.16 min Scan# 119
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion: 62 Resp: 39008
Ion Ratio Lower Upper
62 100
64 30.4 25.8 38.8





#5

Bromomethane

Concen: 19.468 ug/l

RT: 2.52 min Scan# 232

Delta R.T. 0.02 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

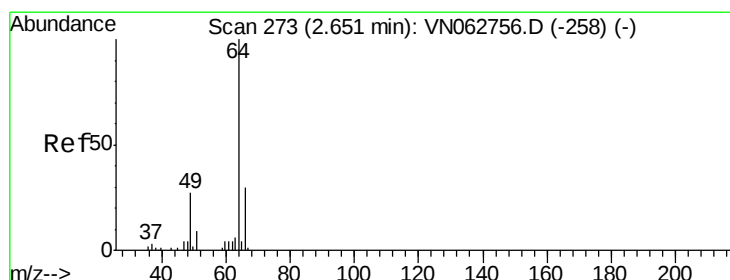
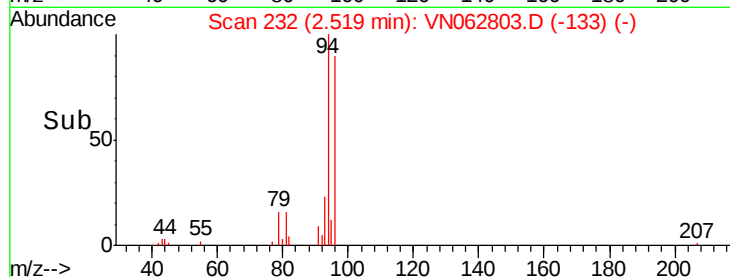
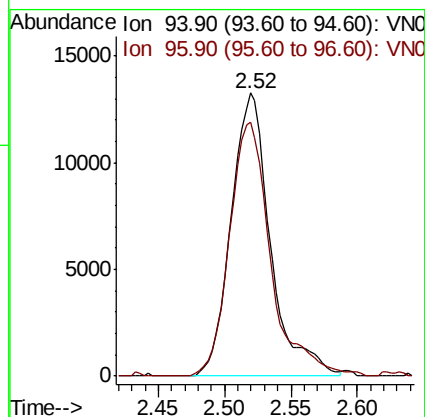
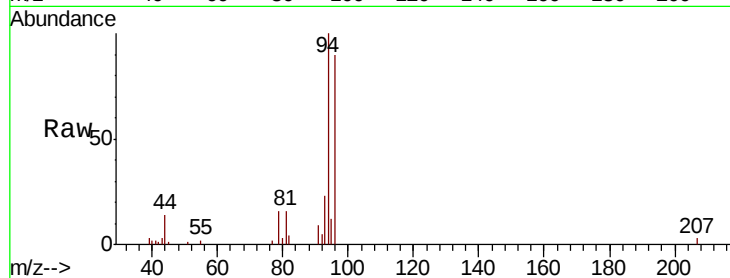
VN0810WBS01

Tot Ion: 94 Resp: 27397

Ion Ratio Lower Upper

94 100

96 89.5 76.2 114.4



#6

Chloroethane

Concen: 19.292 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.01 min

Lab File: VN062803.D

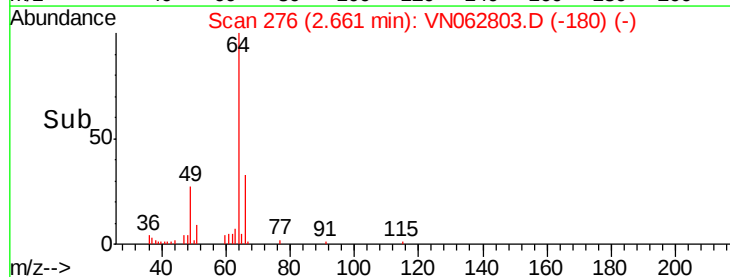
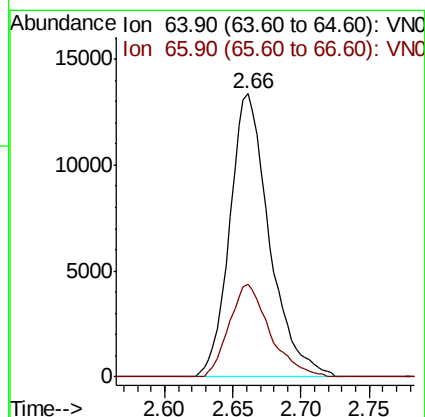
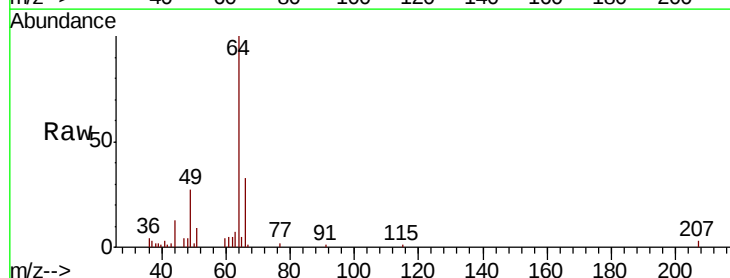
Acq: 10 Aug 2020 12:44

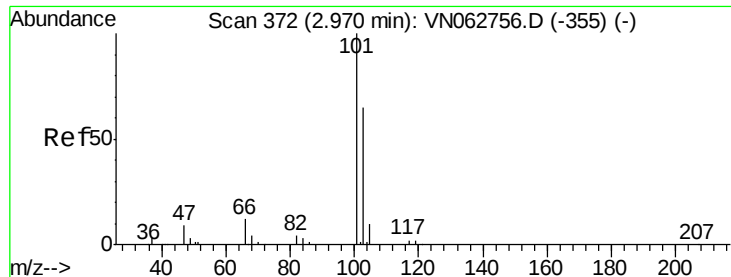
Tgt Ion: 64 Resp: 26981

Ion Ratio Lower Upper

64 100

66 32.8 24.0 36.0



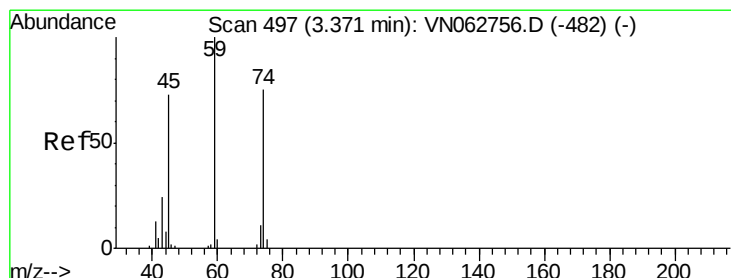
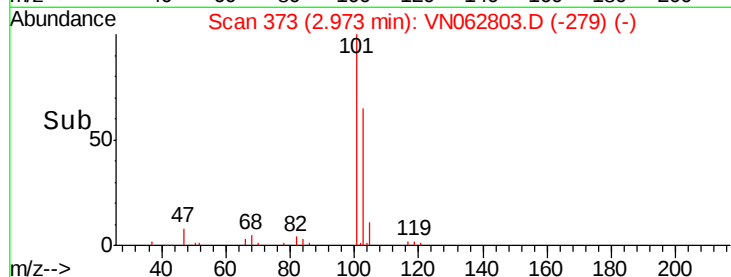
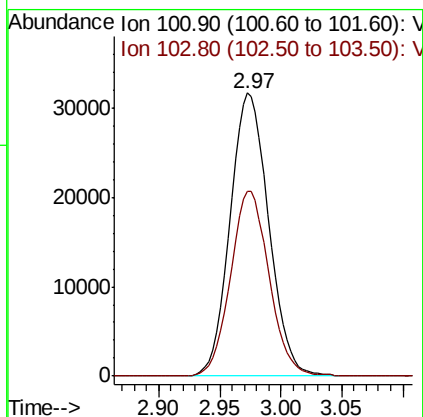
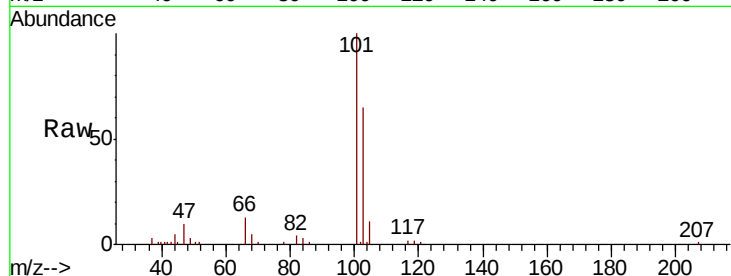


#7

Trichlorofluoromethane
 Concen: 18.305 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

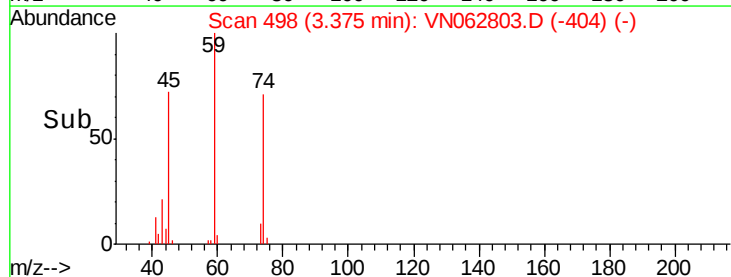
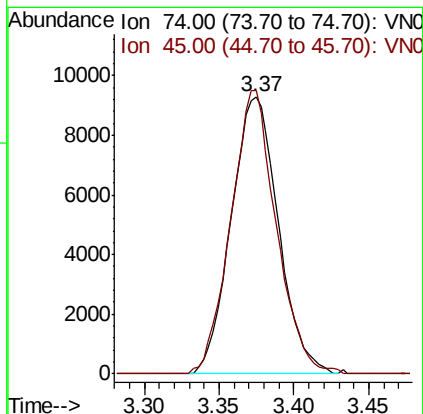
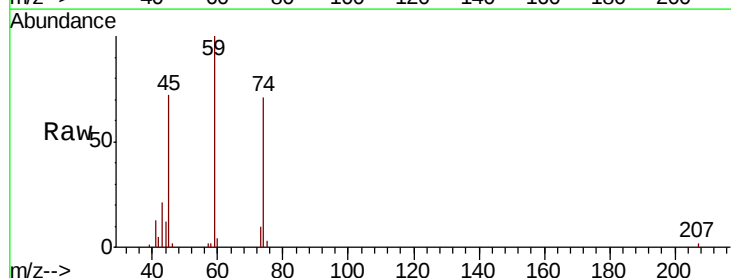
Tot Ion:101 Resp: 69388
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.3 78.5

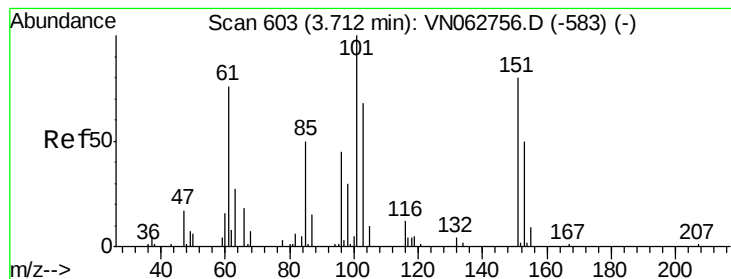


#8

Diethyl Ether
 Concen: 18.779 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Tgt Ion: 74 Resp: 20379
 Ion Ratio Lower Upper
 74 100
 45 98.8 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.422 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampled :

VN0810WBS01

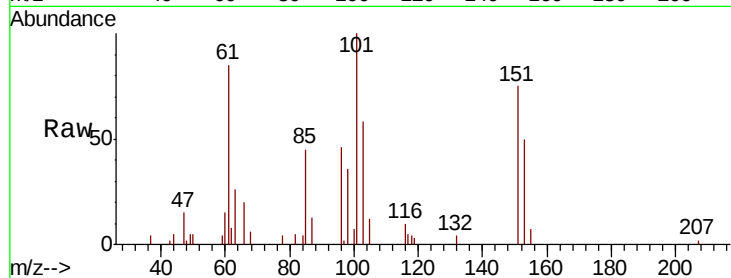
Tot Ion:101 Resp: 30515

Ion Ratio Lower Upper

101 100

85 43.8 38.5 57.7

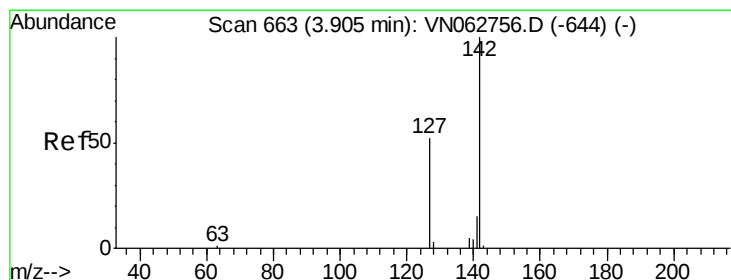
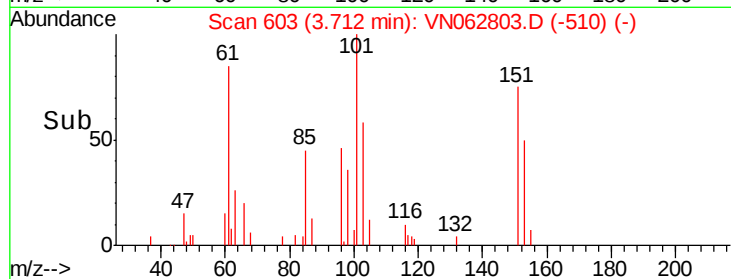
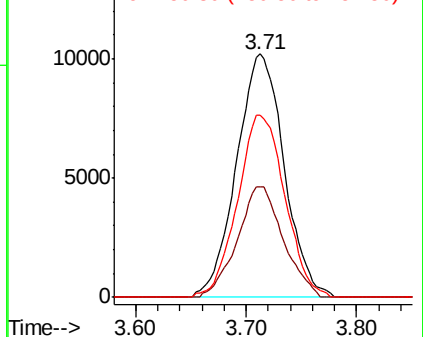
151 74.7 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.624 ug/l

RT: 3.91 min Scan# 663

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

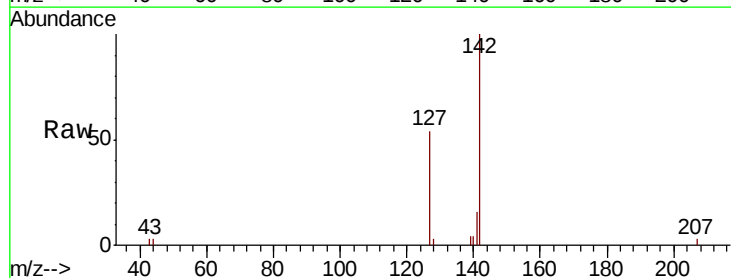
Tgt Ion:142 Resp: 34218

Ion Ratio Lower Upper

142 100

127 49.3 41.4 62.0

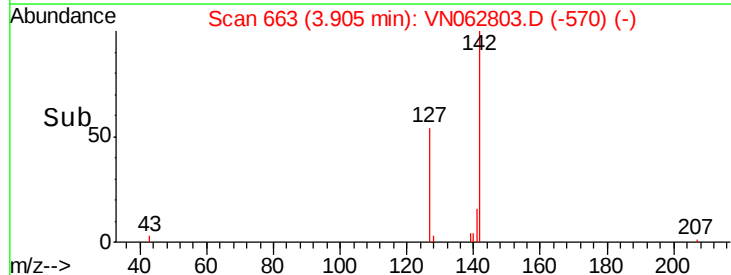
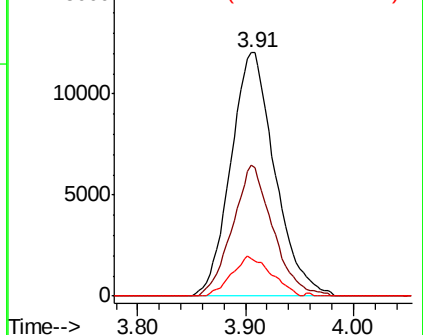
141 14.7 12.2 18.4

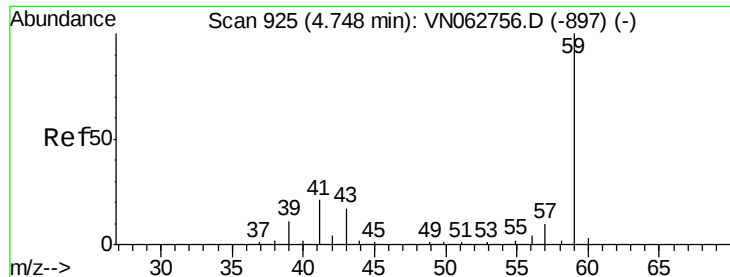


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

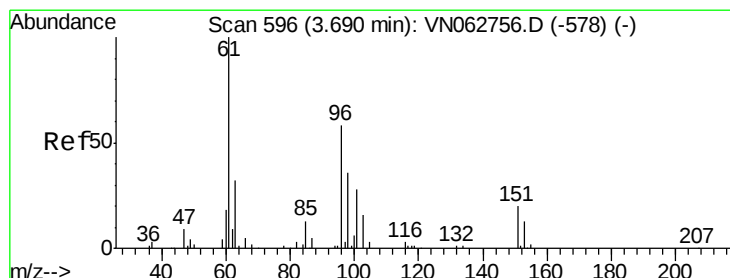
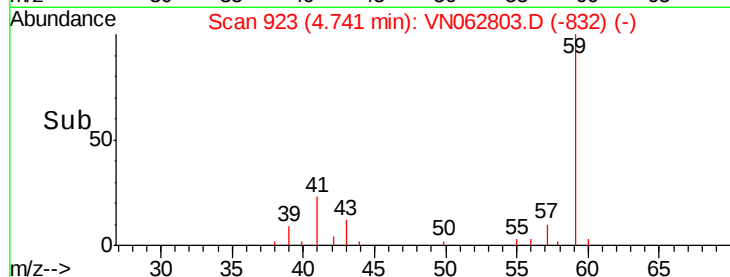
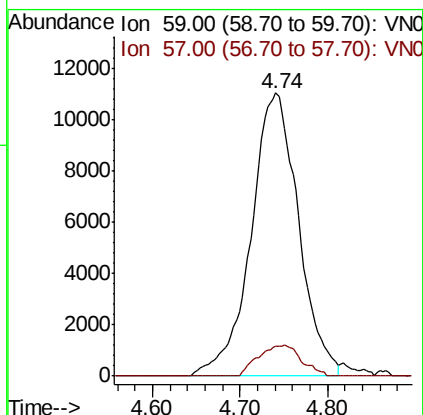
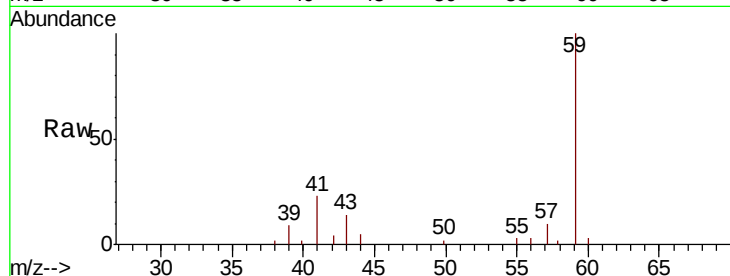




#11
Tert butyl alcohol
Concen: 91.341 ug/l
RT: 4.74 min Scan# 923
Delta R.T. -0.01 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

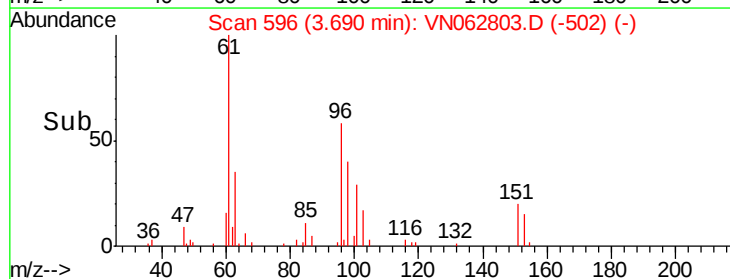
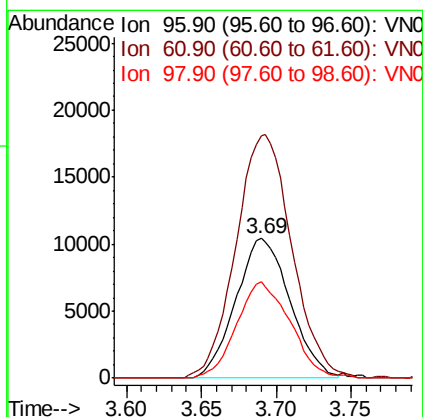
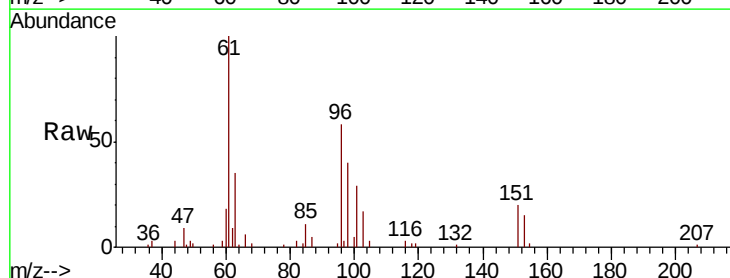
Instrument :
MSVOA_N
ClientSampled :
VN0810WBS01

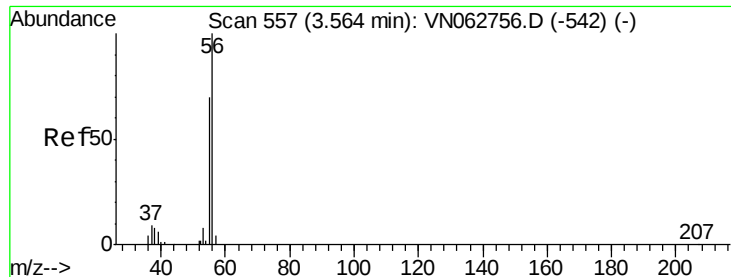
Tot Ion: 59 Resp: 41525
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 17.645 ug/l
RT: 3.69 min Scan# 596
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion: 96 Resp: 26285
Ion Ratio Lower Upper
96 100
61 171.3 139.0 208.6
98 69.2 50.2 75.4





#13

Acrolein

Concen: 59.487 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.01 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

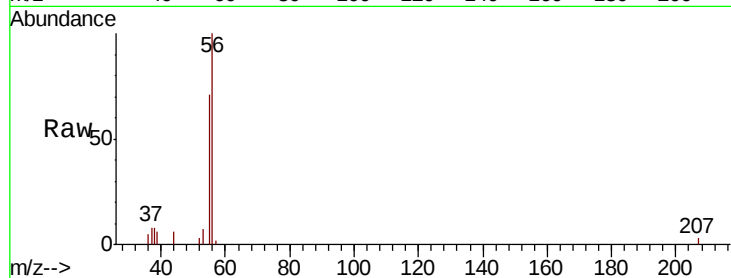
VN0810WBS01

Tot Ion: 56 Resp: 16374

Ion Ratio Lower Upper

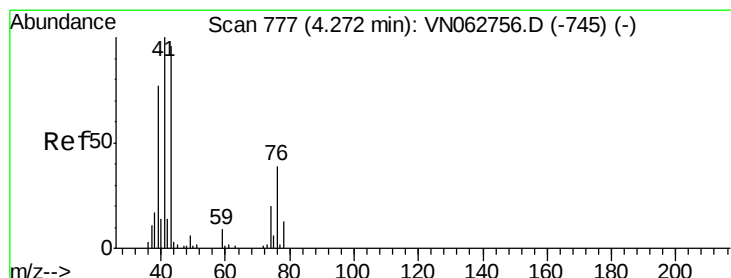
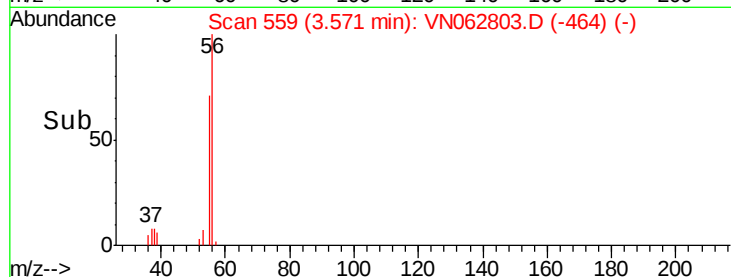
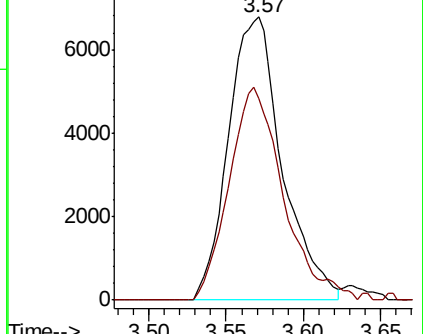
56 100

55 75.8 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.269 ug/l

RT: 4.27 min Scan# 777

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

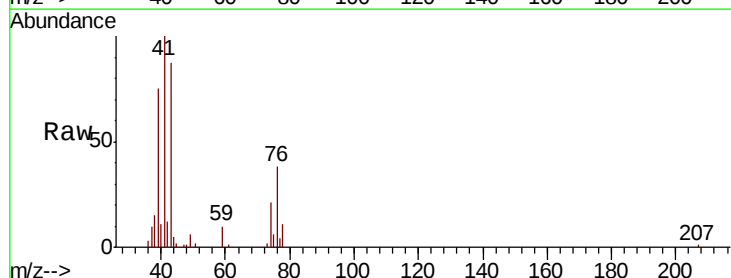
Tgt Ion: 41 Resp: 50713

Ion Ratio Lower Upper

41 100

39 67.0 55.7 83.5

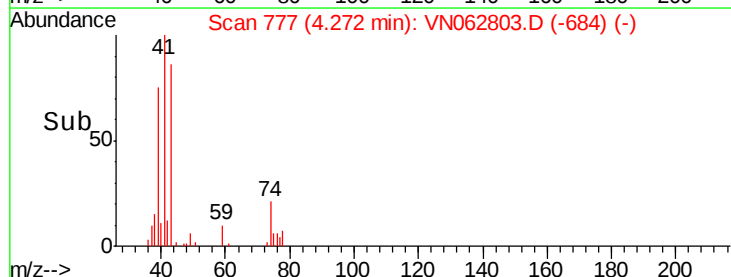
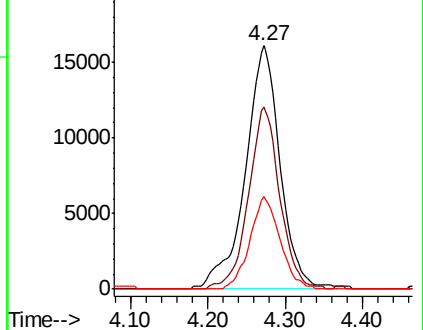
76 32.8 27.5 41.3



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 91.544 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBS01

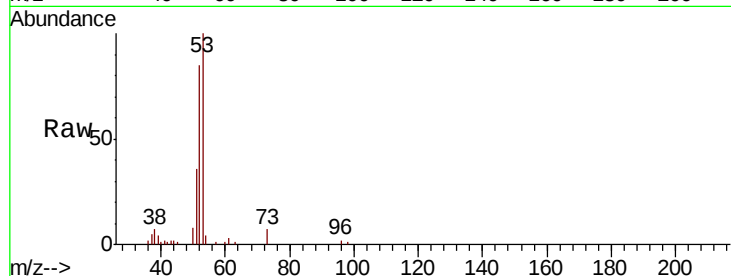
Tot Ion: 53 Resp: 96526

Ion Ratio Lower Upper

53 100

52 82.9 66.8 100.2

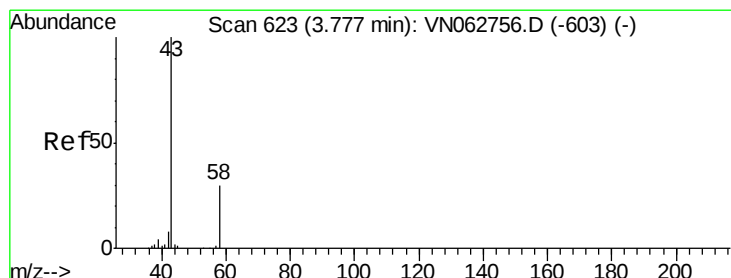
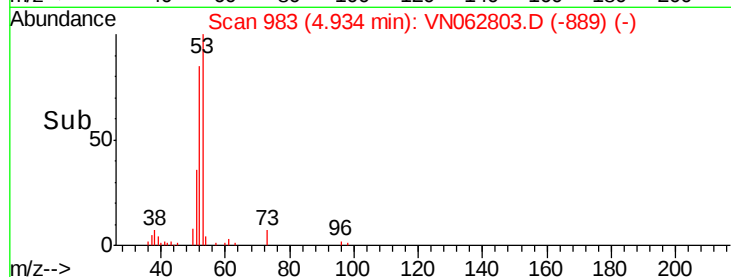
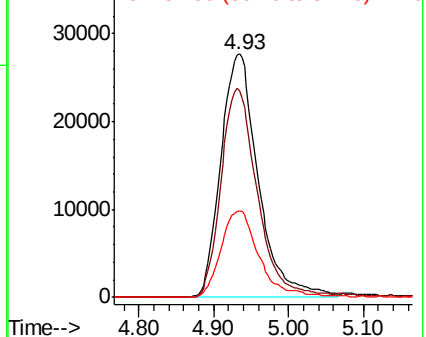
51 34.9 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 82.153 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062803.D

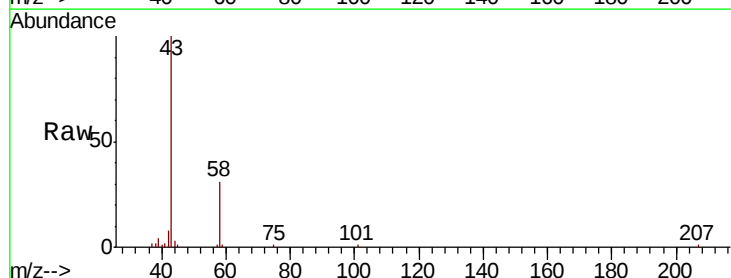
Acq: 10 Aug 2020 12:44

Tgt Ion: 43 Resp: 82339

Ion Ratio Lower Upper

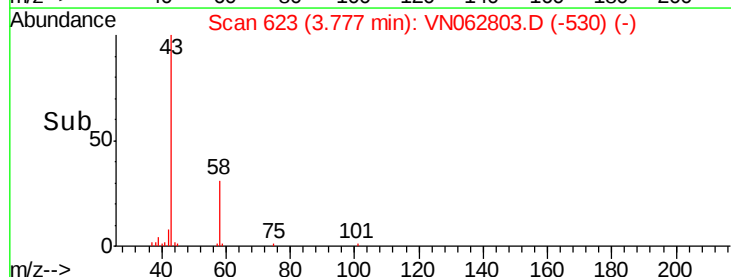
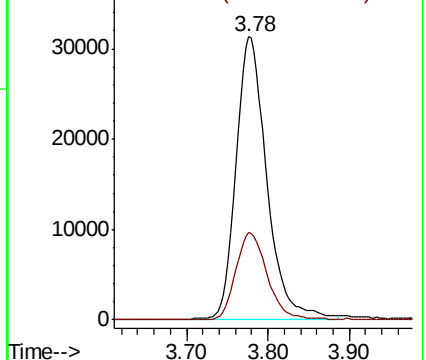
43 100

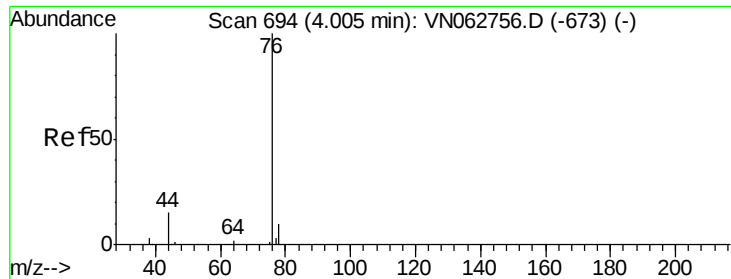
58 30.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 16.926 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

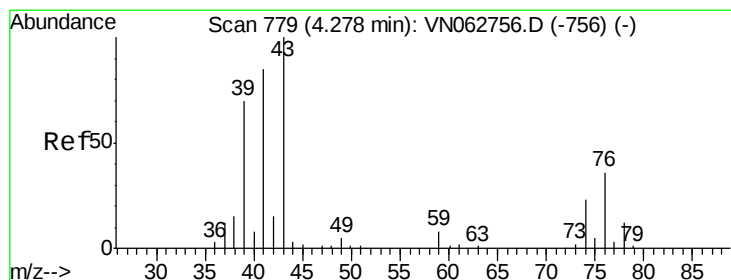
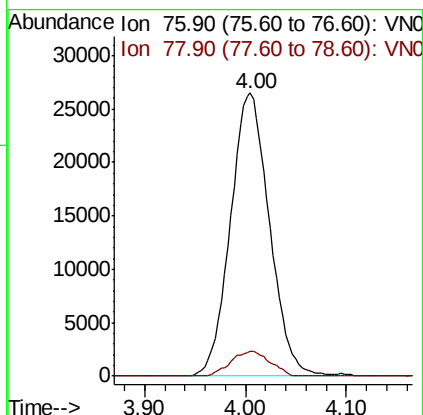
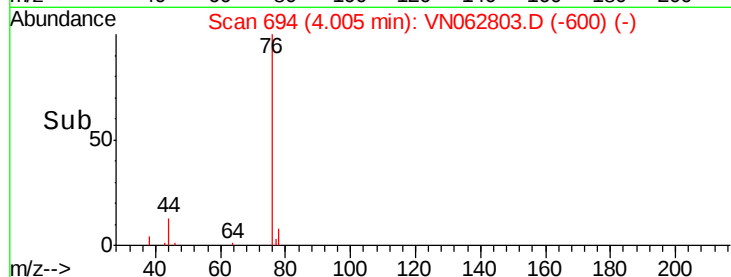
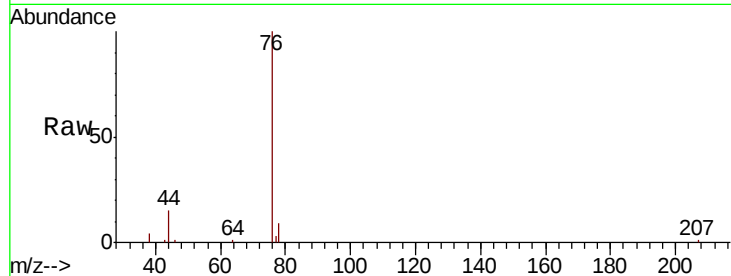
VN0810WBS01

Tot Ion: 76 Resp: 71136

Ion Ratio Lower Upper

76 100

78 8.8 7.7 11.5



#18

Methyl Acetate

Concen: 18.896 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062803.D

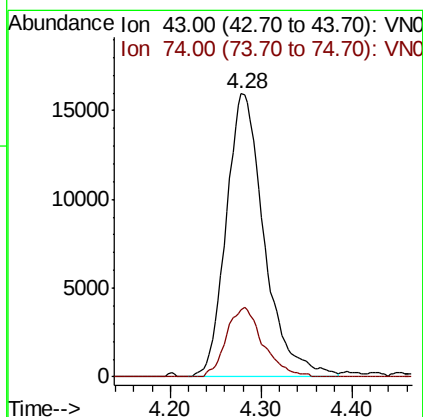
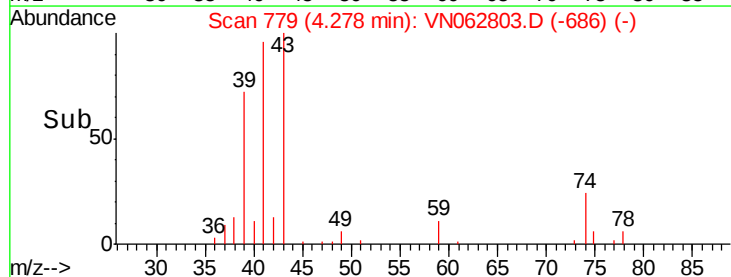
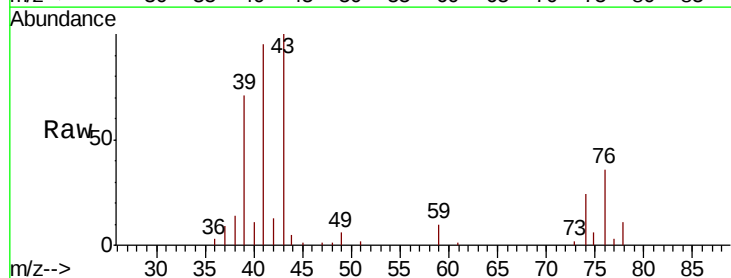
Acq: 10 Aug 2020 12:44

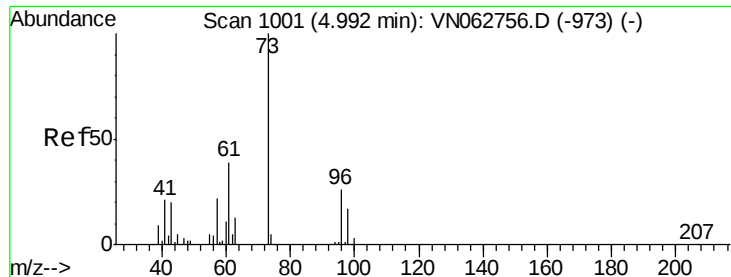
Tgt Ion: 43 Resp: 46459

Ion Ratio Lower Upper

43 100

74 23.8 18.6 28.0

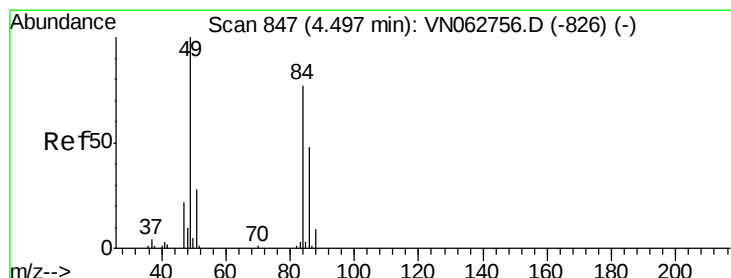
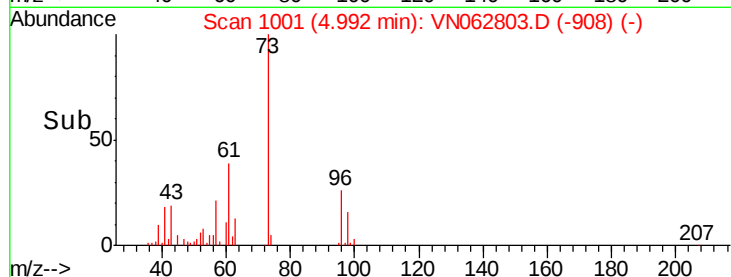
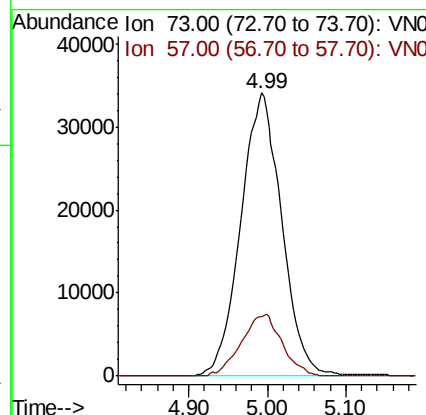
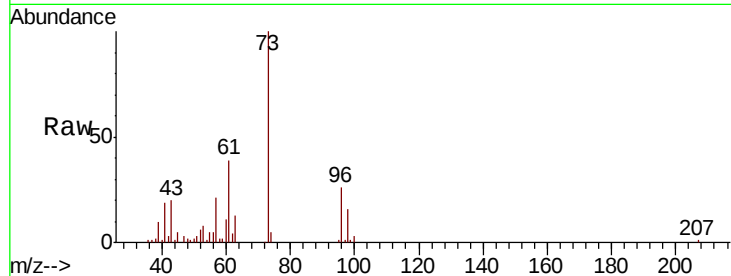




#19
Methyl tert-butyl Ether
Concen: 19.149 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

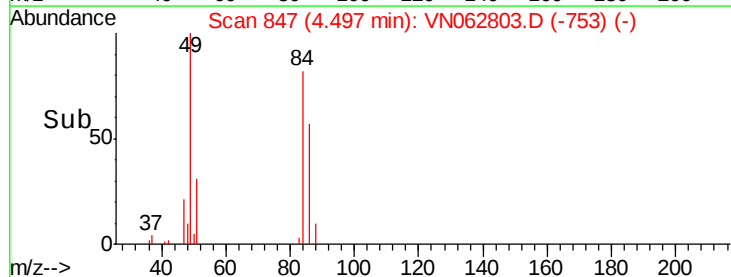
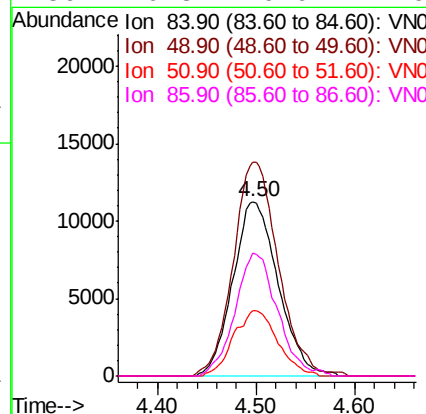
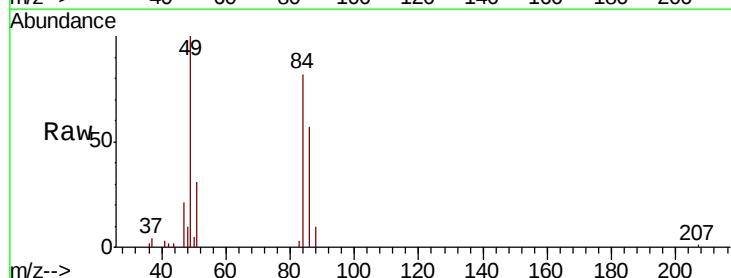
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

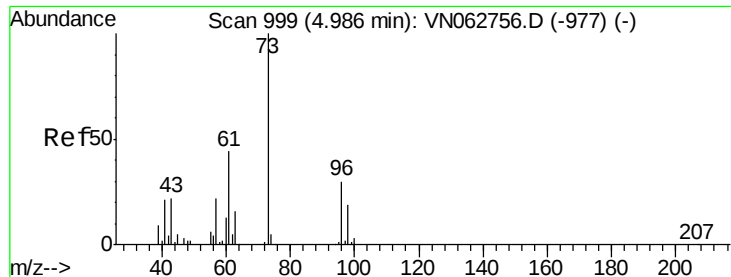
Tot Ion: 73 Resp: 124437
Ion Ratio Lower Upper
73 100
57 20.9 17.5 26.3



#20
Methylene Chloride
Concen: 19.087 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion: 84 Resp: 35871
Ion Ratio Lower Upper
84 100
49 122.4 103.4 155.2
51 37.6 29.3 43.9
86 70.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 17.572 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBS01

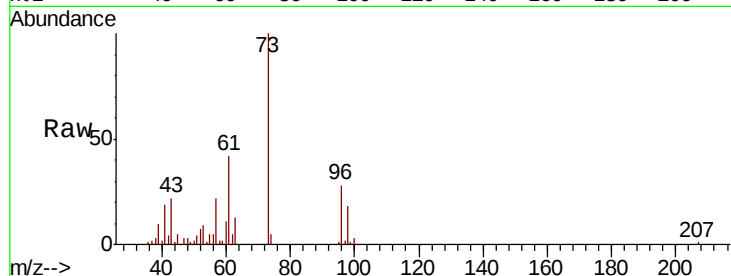
Tot Ion: 96 Resp: 29494

Ion Ratio Lower Upper

96 100

61 149.1 118.8 178.2

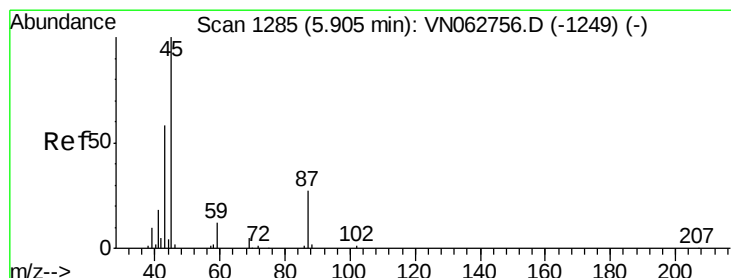
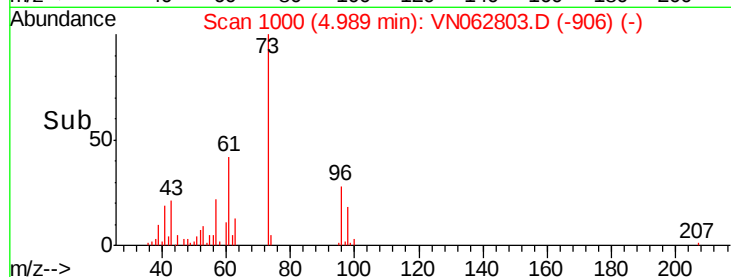
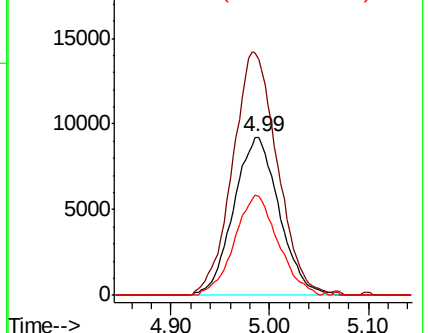
98 62.7 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062803.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062803.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062803.D (-906) (-)



#22

Diisopropyl ether

Concen: 18.664 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Tgt Ion: 45 Resp: 116676

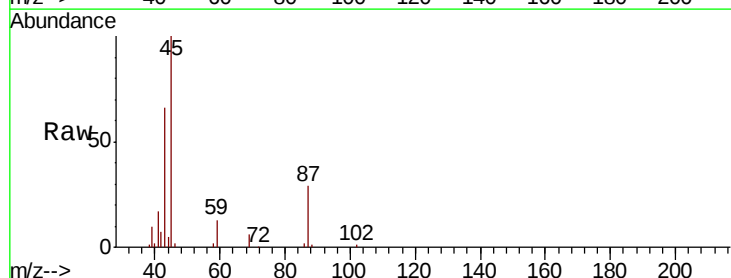
Ion Ratio Lower Upper

45 100

43 62.8 47.4 71.2

87 29.3 22.8 34.2

59 12.5 9.9 14.9

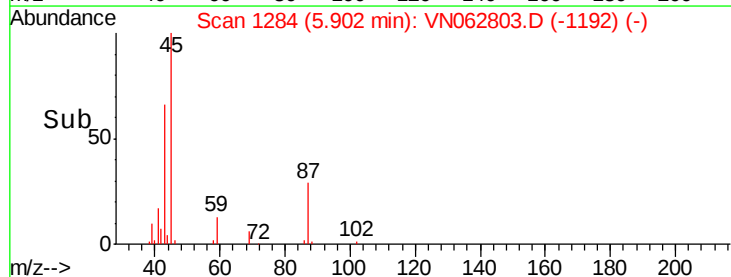
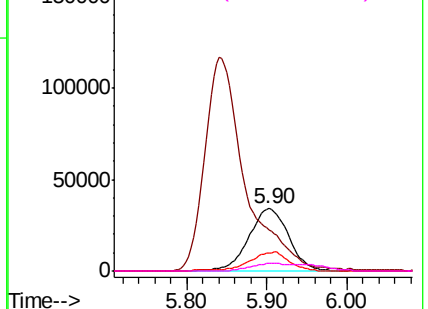


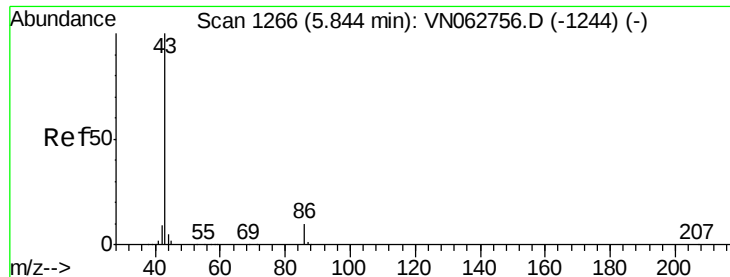
Abundance Ion 45.00 (44.70 to 45.70): VN062803.D (-1192) (-)

Ion 43.00 (42.70 to 43.70): VN062803.D (-1192) (-)

Ion 87.00 (86.70 to 87.70): VN062803.D (-1192) (-)

Ion 59.00 (58.70 to 59.70): VN062803.D (-1192) (-)





#23

Vinyl Acetate

Concen: 86.095 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampled :

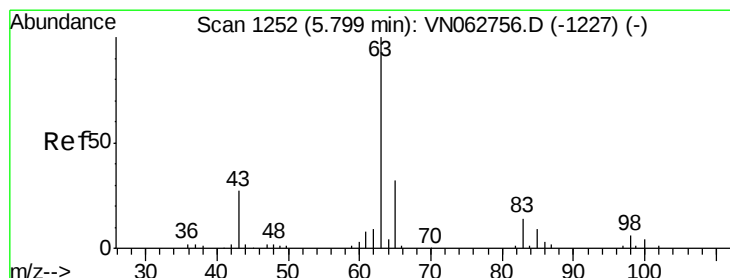
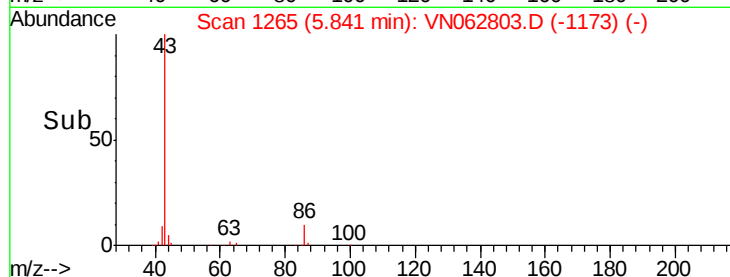
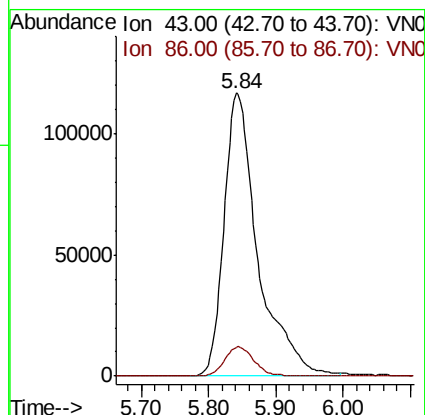
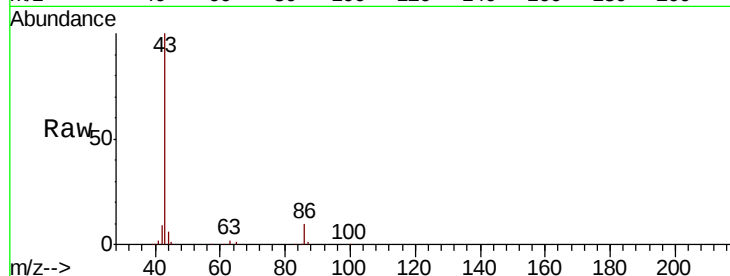
VN0810WBS01

Tot Ion: 43 Resp: 409380

Ion Ratio Lower Upper

43 100

86 10.2 7.7 11.5



#24

1,1-Dichloroethane

Concen: 17.638 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

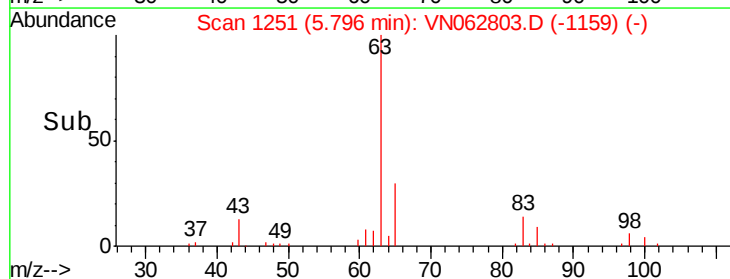
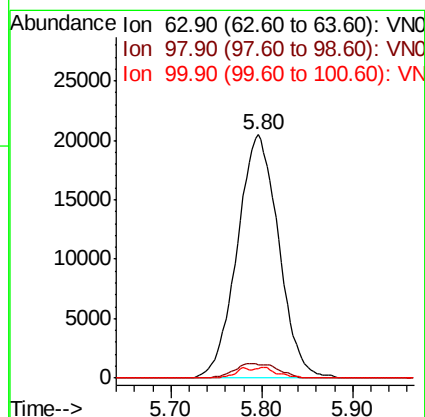
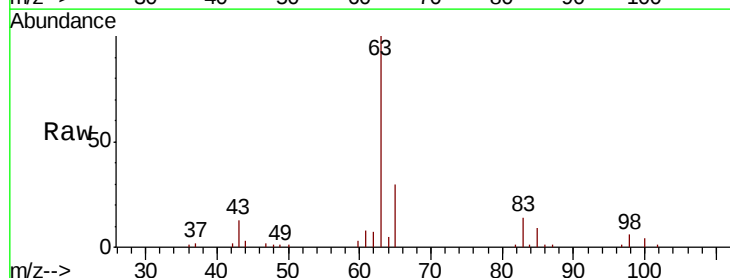
Tgt Ion: 63 Resp: 64618

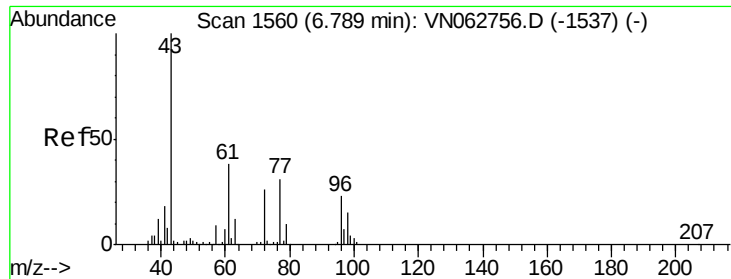
Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

100 3.9 1.9 5.7

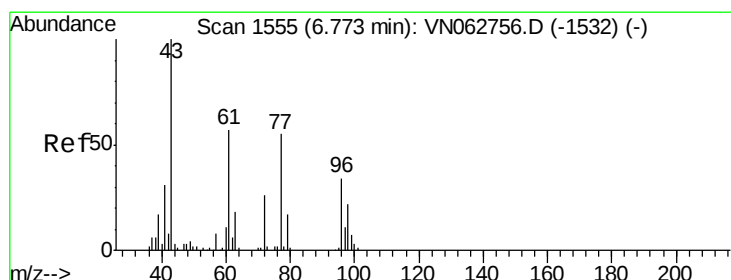
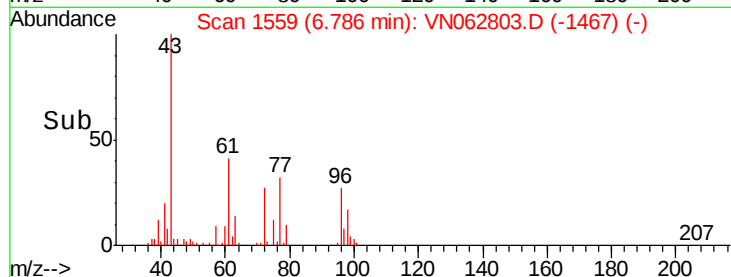
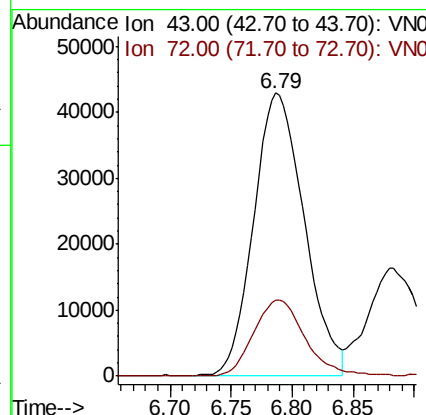
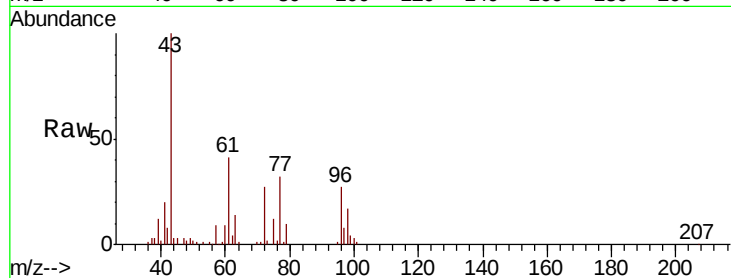




#25
 2-Butanone
 Concen: 87.067 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

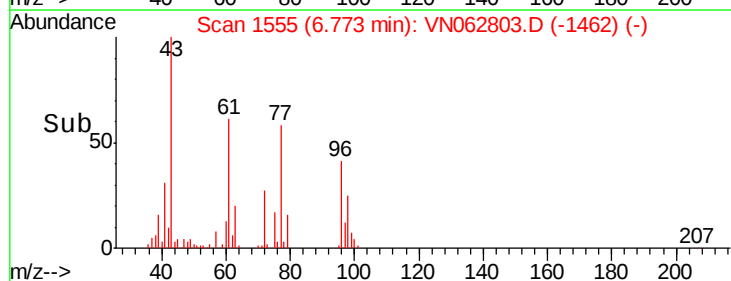
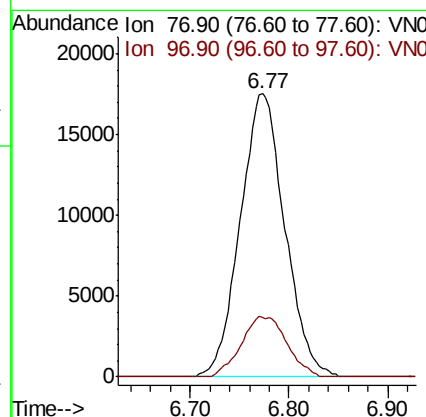
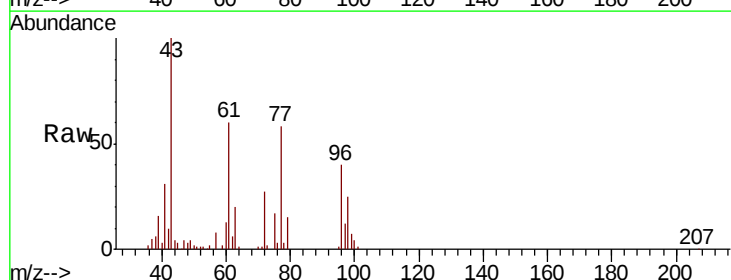
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

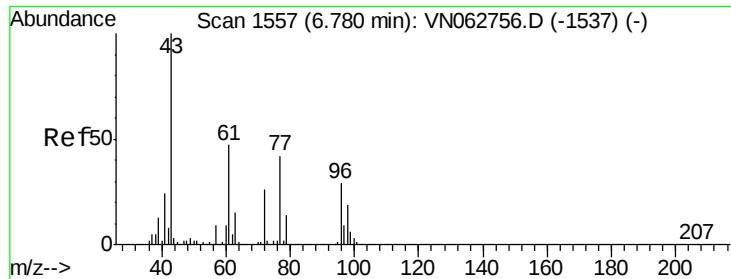
Tot Ion: 43 Resp: 123593
 Ion Ratio Lower Upper
 43 100
 72 26.8 21.1 31.7



#26
 2,2-Dichloropropane
 Concen: 16.233 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Tgt Ion: 77 Resp: 54818
 Ion Ratio Lower Upper
 77 100
 97 21.7 10.5 31.6

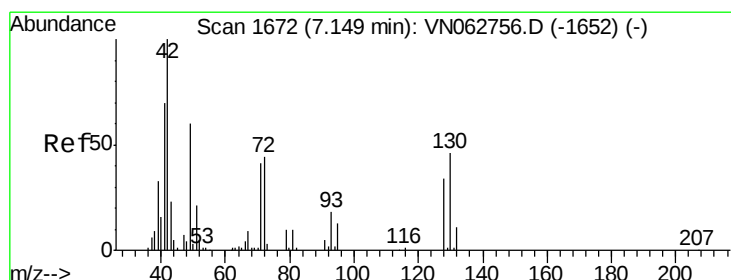
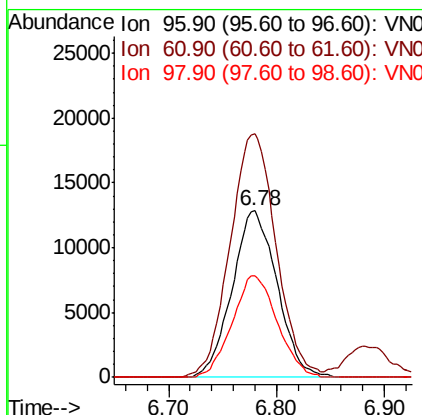
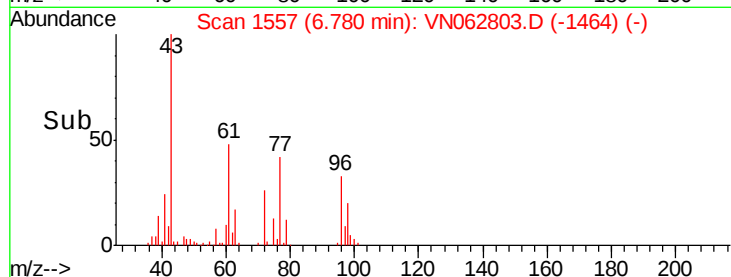
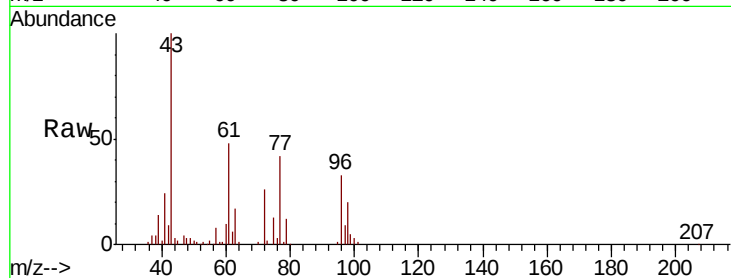




#27
 cis-1,2-Dichloroethene
 Concen: 18.509 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

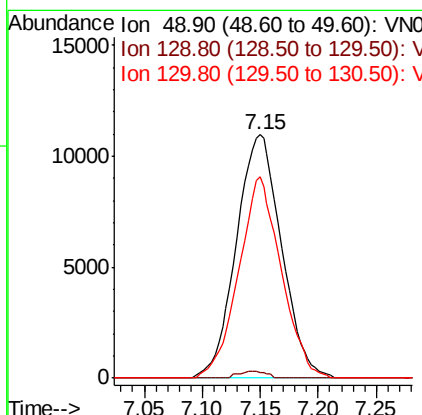
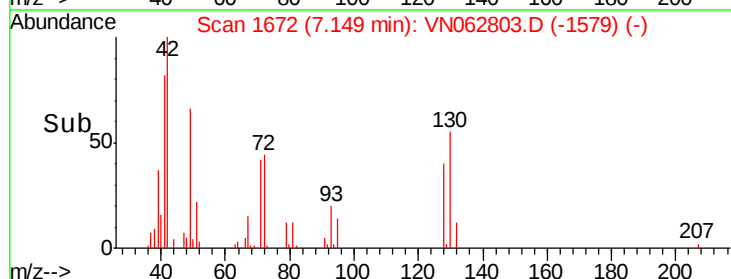
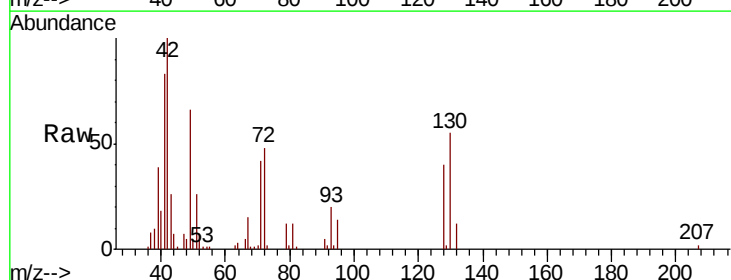
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

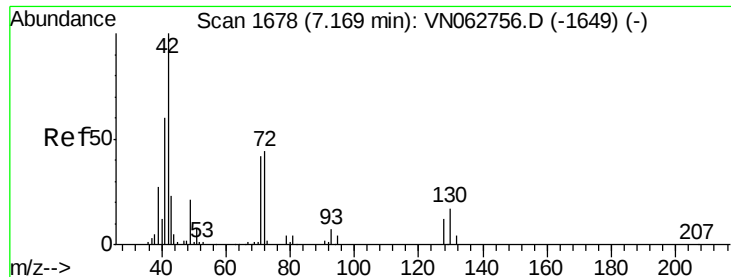
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	332.2
98	61.0	0.0	129.4



#28
 Bromochloromethane
 Concen: 16.839 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.2
130	77.7	59.0	88.6





#29

Tetrahydrofuran

Concen: 87.652 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBS01

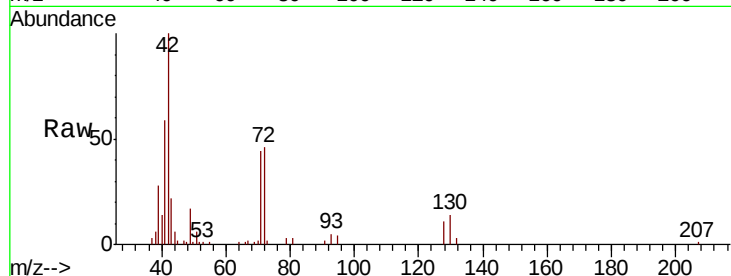
Tot Ion: 42 Resp: 80834

Ion Ratio Lower Upper

42 100

72 46.9 35.0 52.4

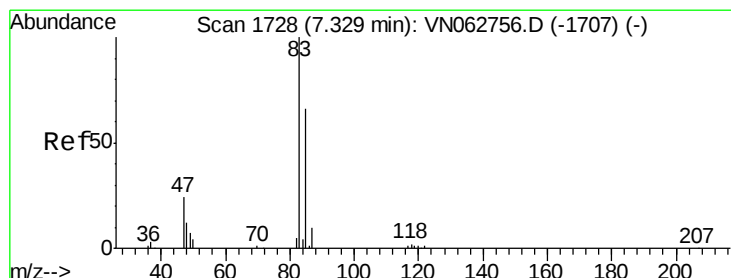
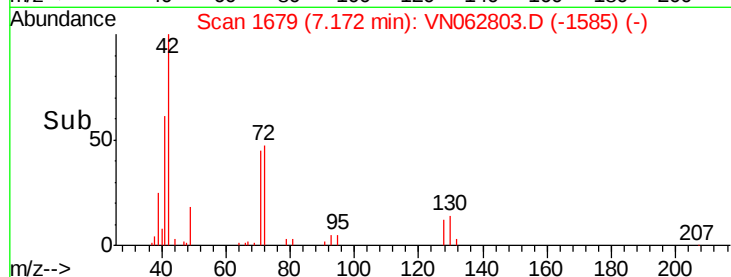
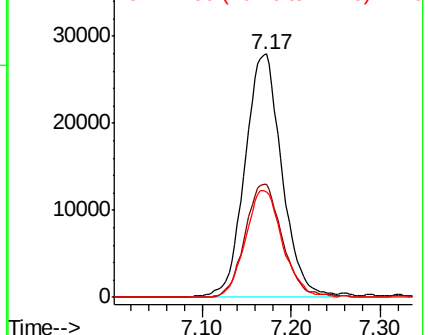
71 44.1 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 17.357 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. 0.00 min

Lab File: VN062803.D

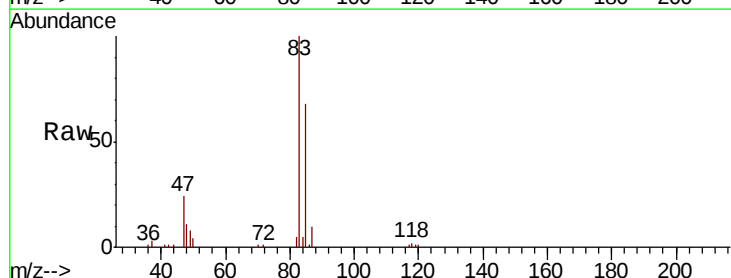
Acq: 10 Aug 2020 12:44

Tgt Ion: 83 Resp: 67578

Ion Ratio Lower Upper

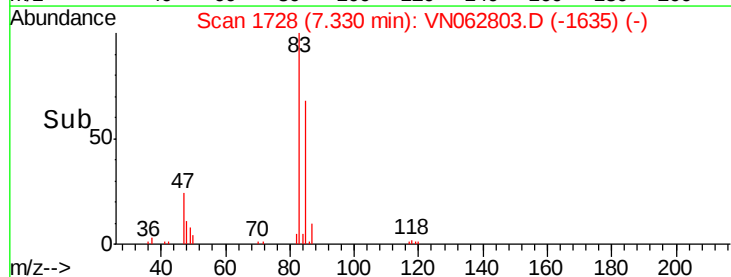
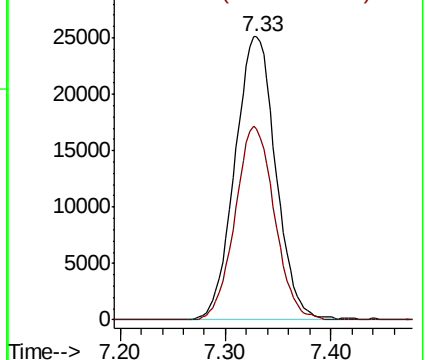
83 100

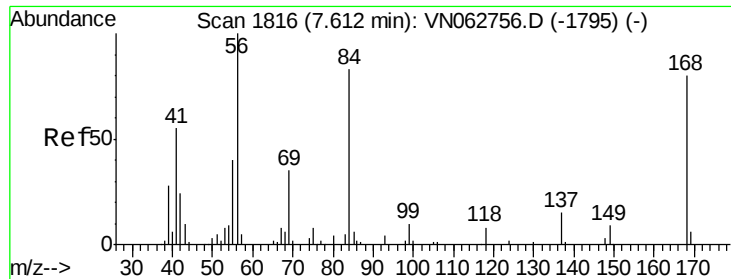
85 67.7 52.7 79.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

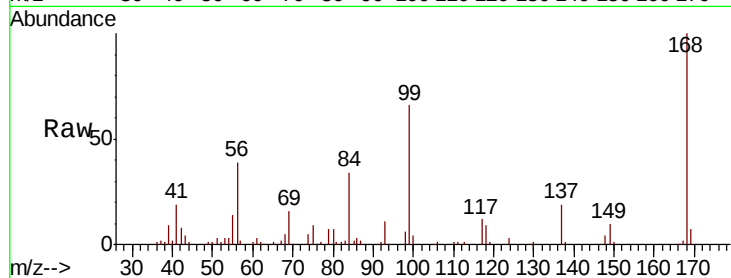




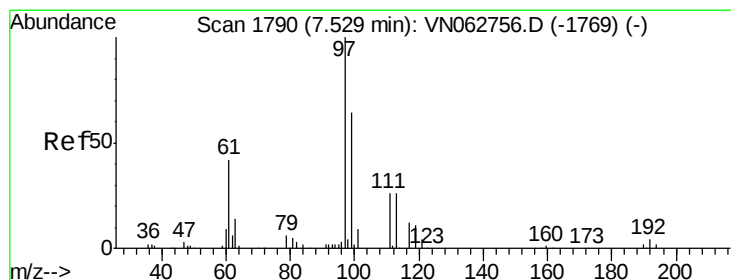
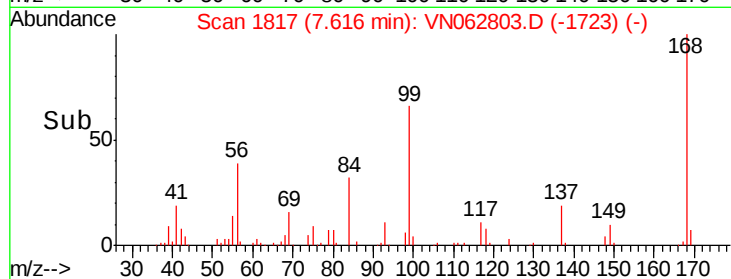
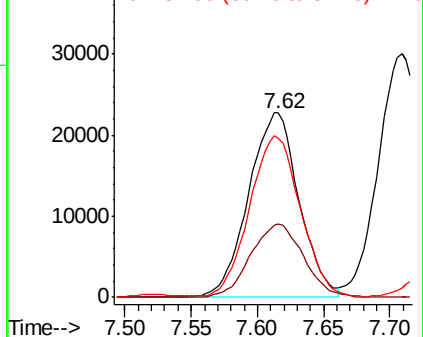
#31
Cyclohexane
Concen: 17.971 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

Tot Ion: 56 Resp: 60436
Ion Ratio Lower Upper
56 100
69 40.0 28.1 42.1
84 85.6 66.8 100.2

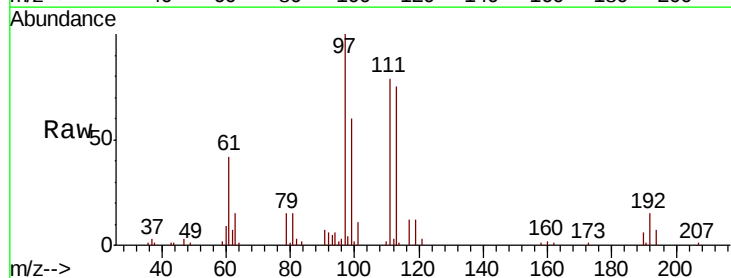


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

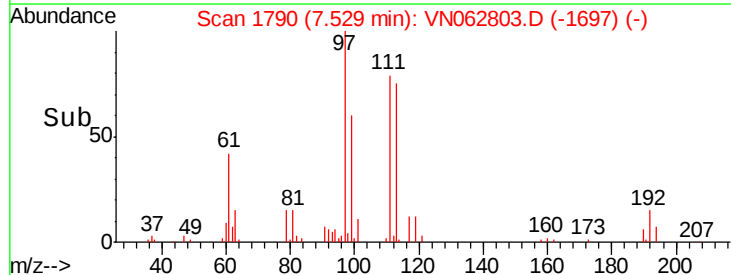
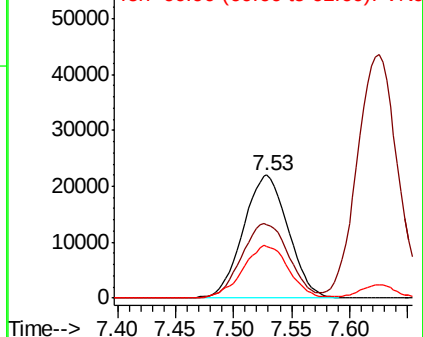


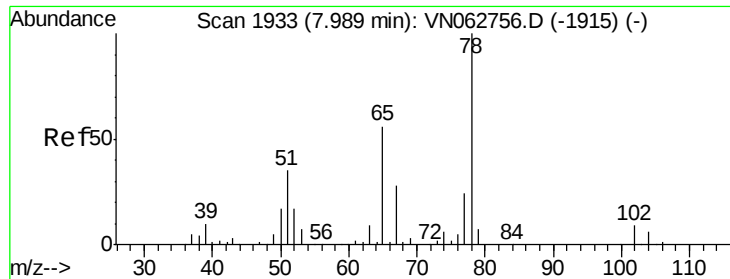
#32
1,1,1-Trichloroethane
Concen: 17.036 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion: 97 Resp: 59302
Ion Ratio Lower Upper
97 100
99 63.3 50.0 75.0
61 43.6 34.8 52.2



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

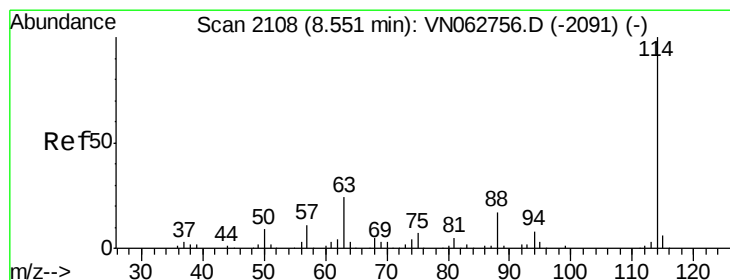
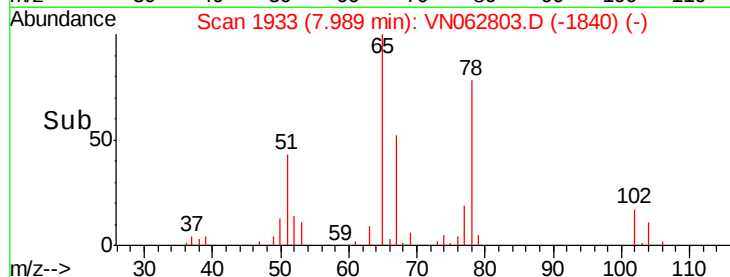
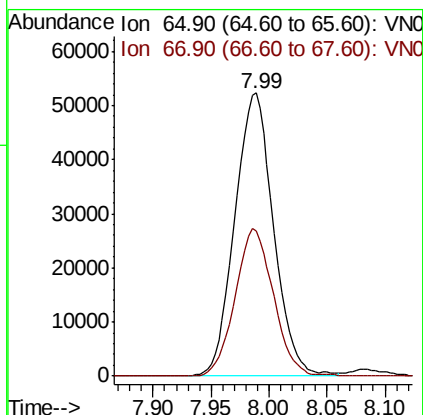
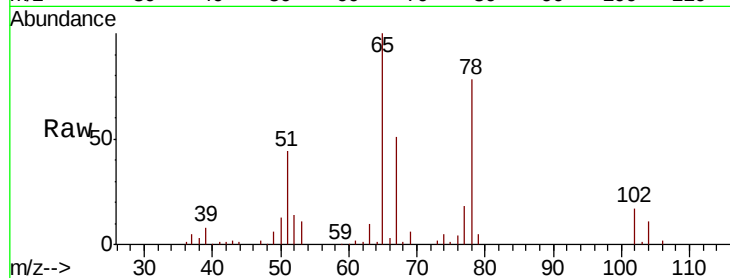




#33
 1,2-Dichloroethane-d4
 Concen: 43.735 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

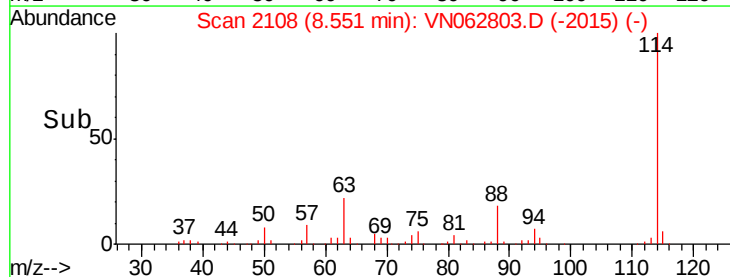
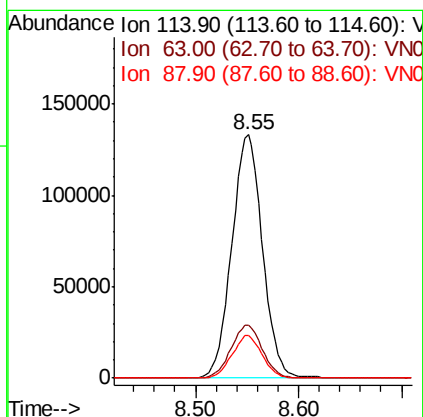
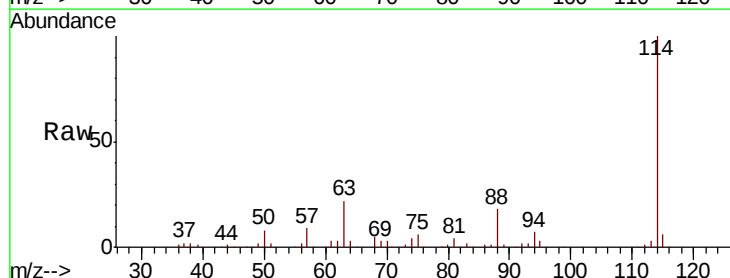
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

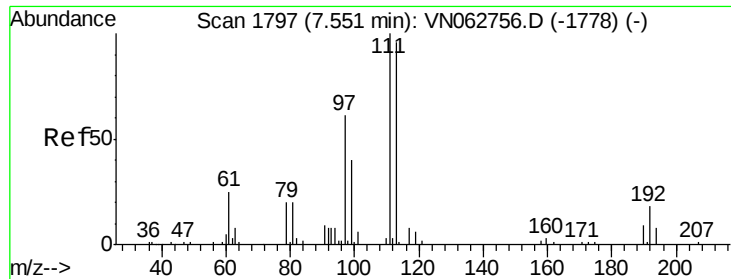
Tot Ion: 65 Resp: 121310
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Tgt Ion: 114 Resp: 275699
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 47.6
 88 17.6 0.0 34.4

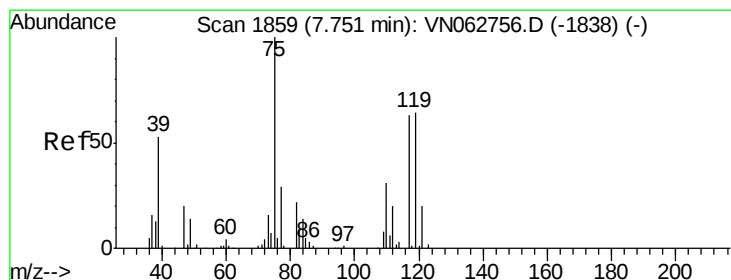
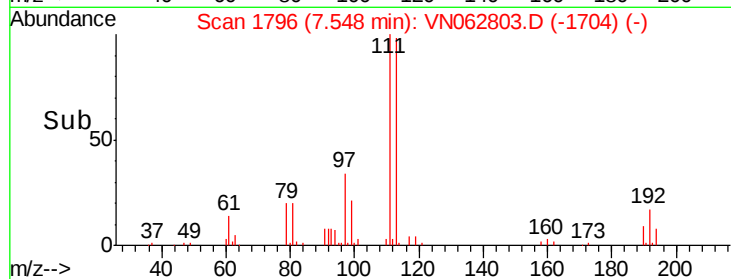
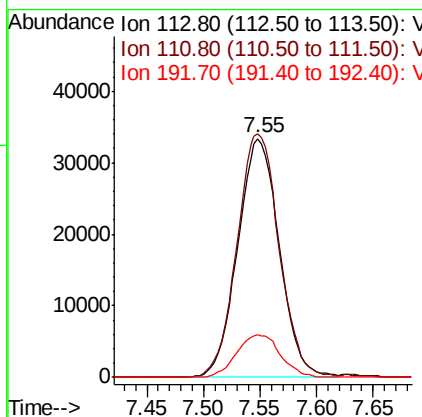
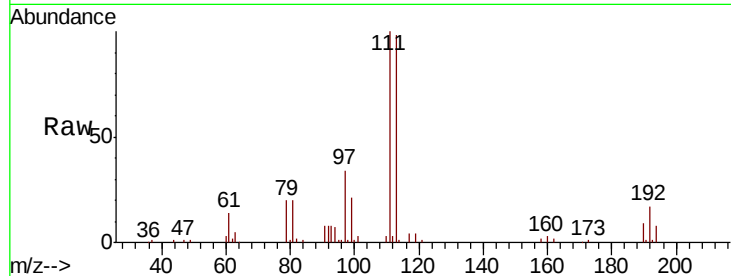




#35
 Dibromofluoromethane
 Concen: 45.223 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

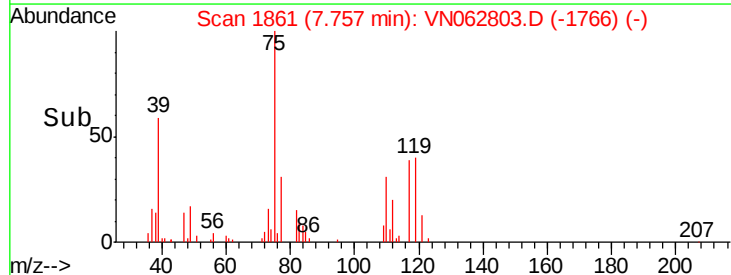
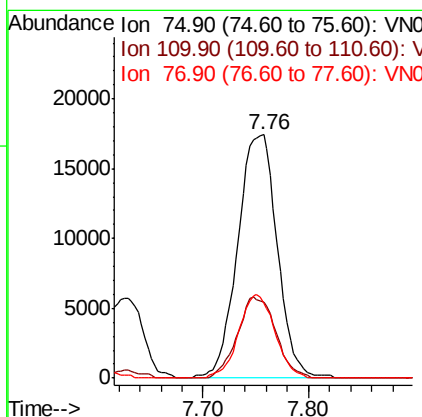
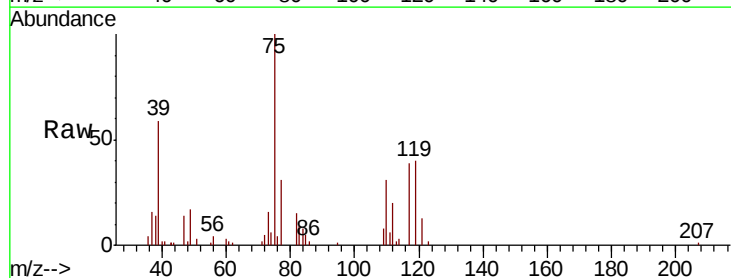
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

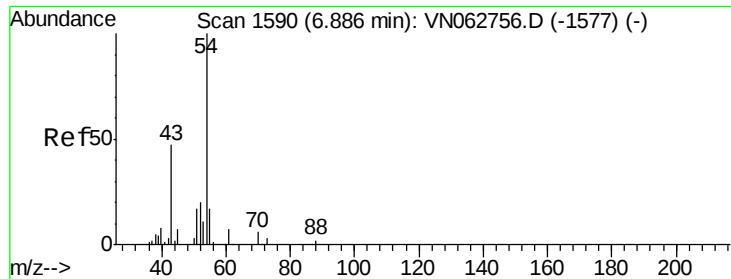
Tot Ion:113 Resp: 85288
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.6
 192 18.6 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 16.930 ug/l
 RT: 7.76 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Tgt Ion: 75 Resp: 45449
 Ion Ratio Lower Upper
 75 100
 110 32.4 15.6 46.7
 77 31.4 24.1 36.1

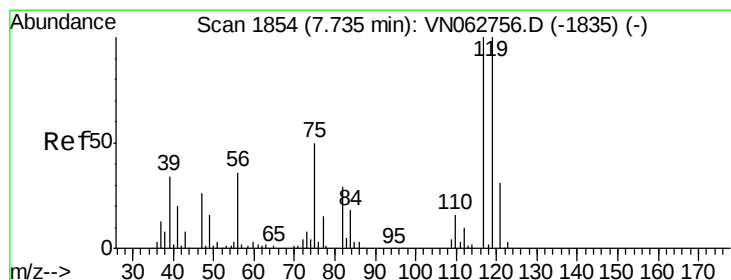
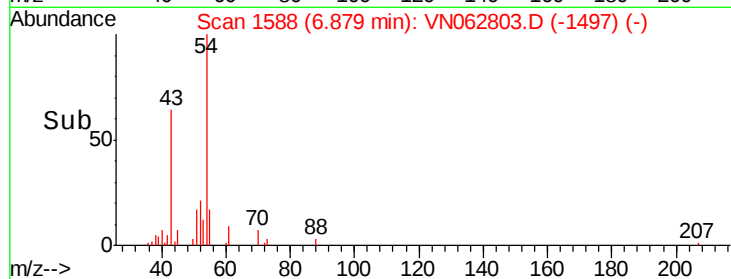
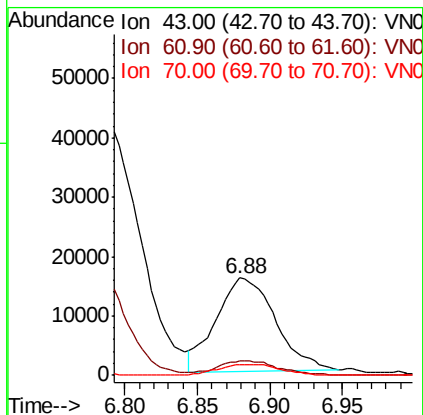
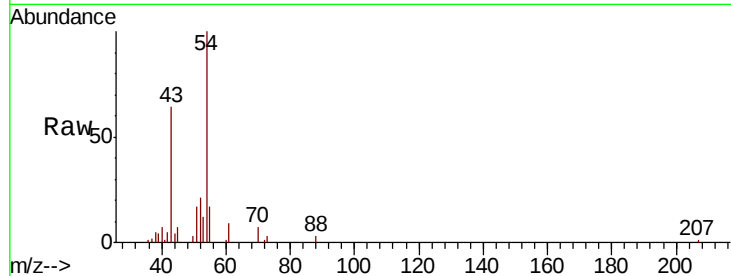




#37
Ethyl Acetate
Concen: 15.974 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.01 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

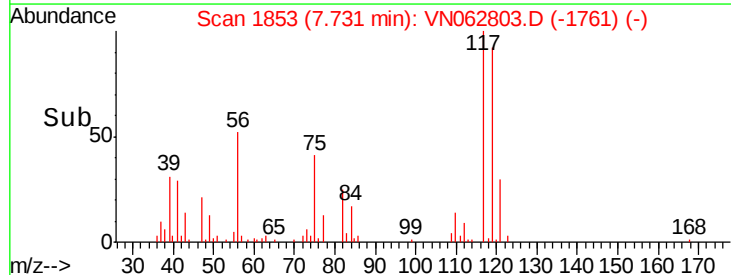
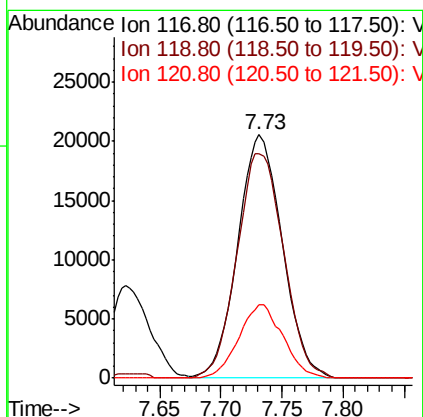
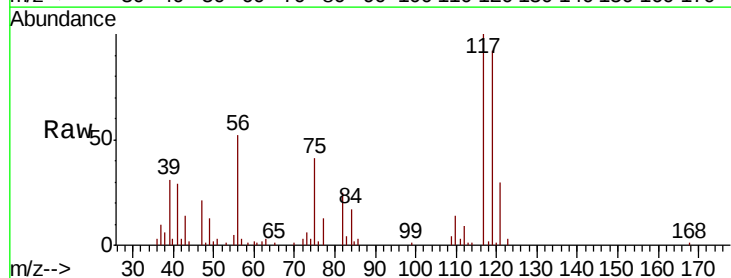
Instrument :
MSVOA_N
ClientSampled :
VN0810WBS01

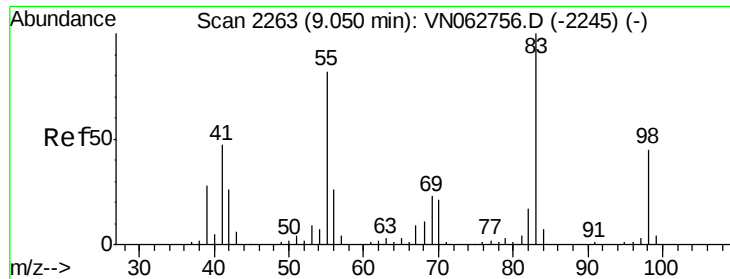
Tot Ion: 43 Resp: 44795
Ion Ratio Lower Upper
43 100
61 16.1 12.1 18.1
70 12.2 8.3 12.5



#38
Carbon Tetrachloride
Concen: 16.381 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion: 117 Resp: 52008
Ion Ratio Lower Upper
117 100
119 92.4 79.4 119.2
121 29.9 24.9 37.3

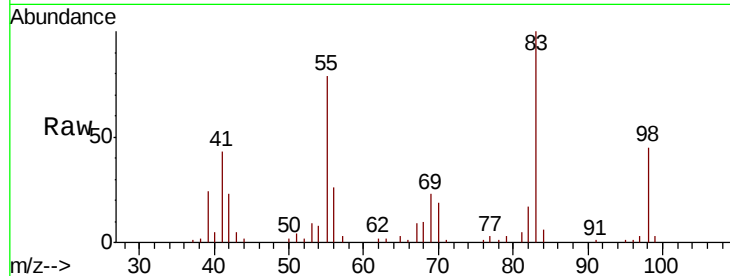




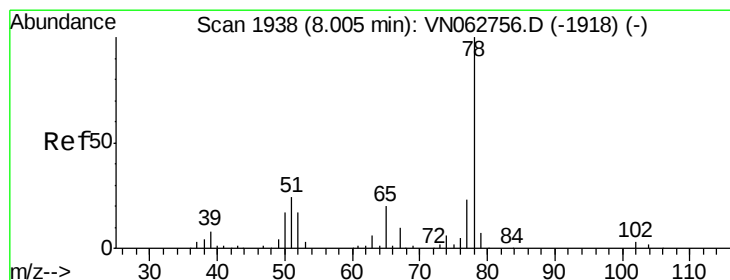
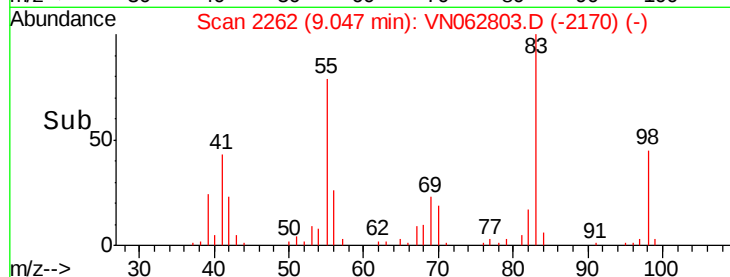
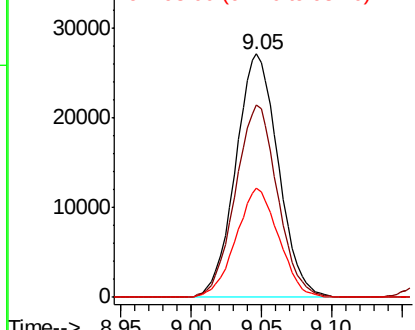
#39
Methvlcvclohexane
Concen: 17.730 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

Tot Ion: 83 Resp: 57279
Ion Ratio Lower Upper
83 100
55 79.0 65.7 98.5
98 44.9 35.6 53.4

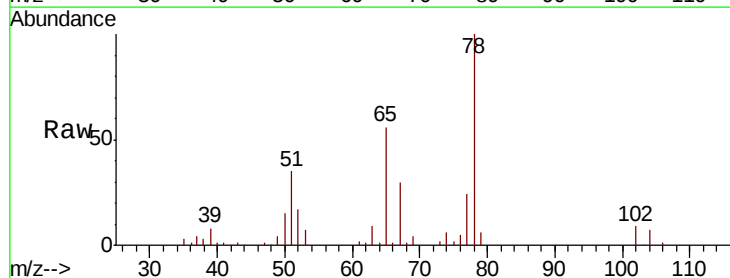


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

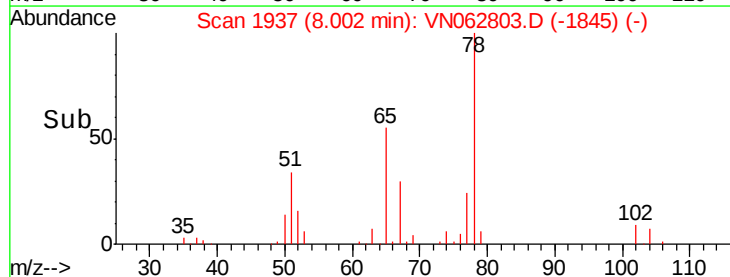
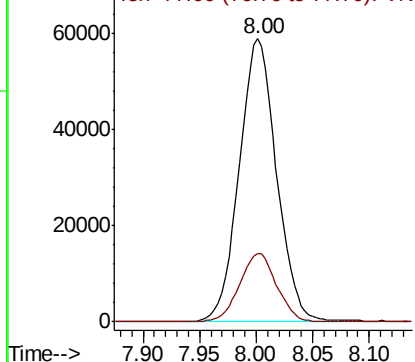


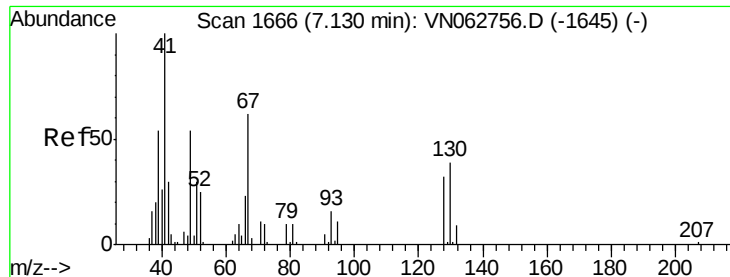
#40
Benzene
Concen: 16.873 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion: 78 Resp: 135163
Ion Ratio Lower Upper
78 100
77 23.9 18.1 27.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

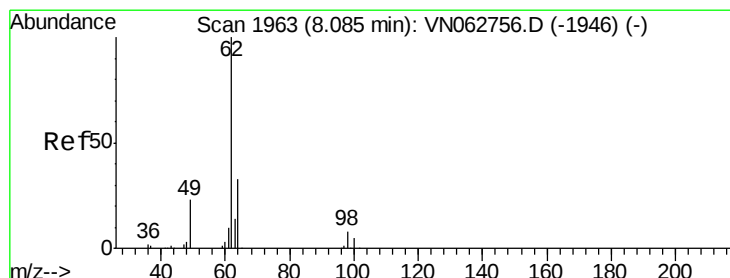
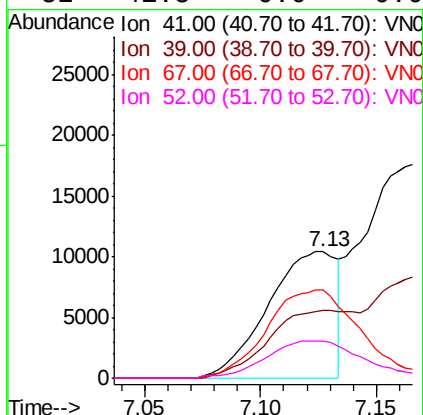
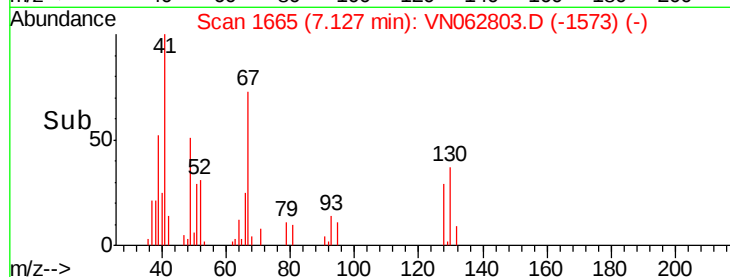
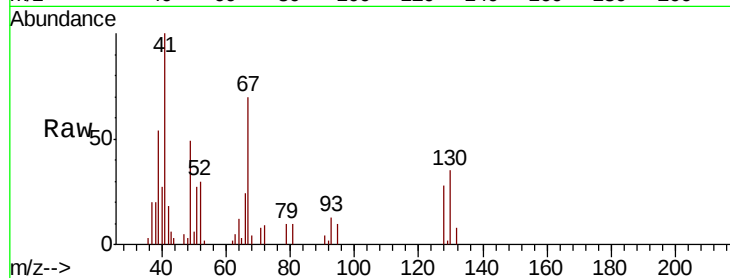




#41
Methacrylonitrile
Concen: 17.083 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

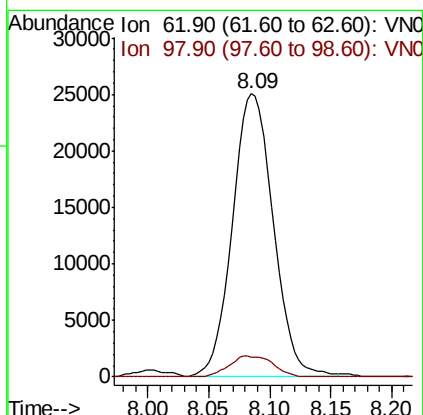
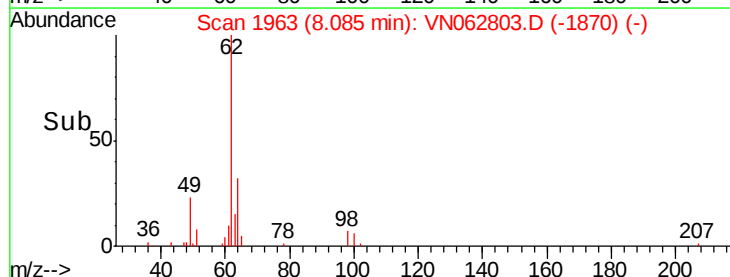
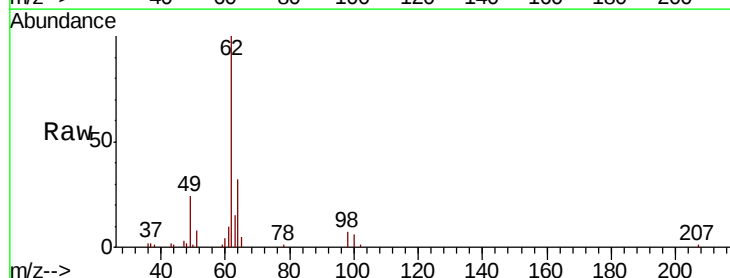
Instrument :
MSVOA_N
ClientSampleID :
VN0810WBS01

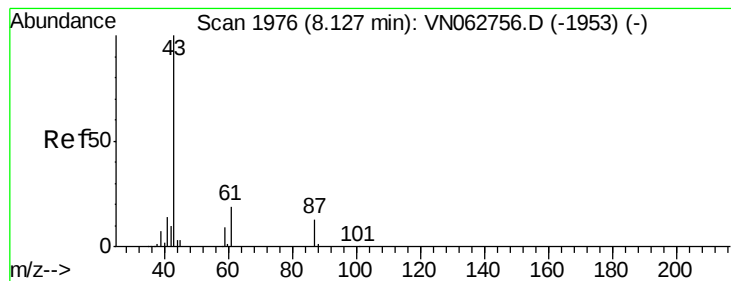
Tot Ion: 41 Resp: 21617
Ion Ratio Lower Upper
41 100
39 63.2 69.4 104.2#
67 94.5 0.0 0.0#
52 41.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 17.095 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion: 62 Resp: 58284
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8





#43

Isopropyl Acetate

Concen: 17.112 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBS01

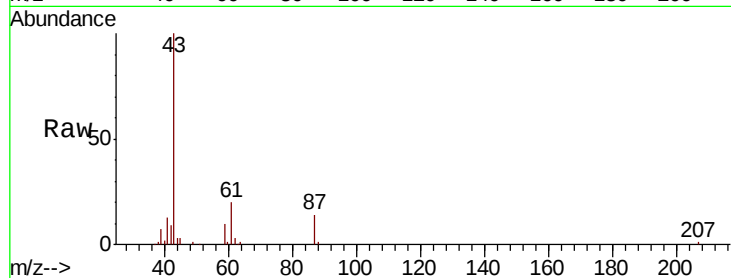
Tot Ion: 43 Resp: 80040

Ion Ratio Lower Upper

43 100

61 20.6 15.8 23.6

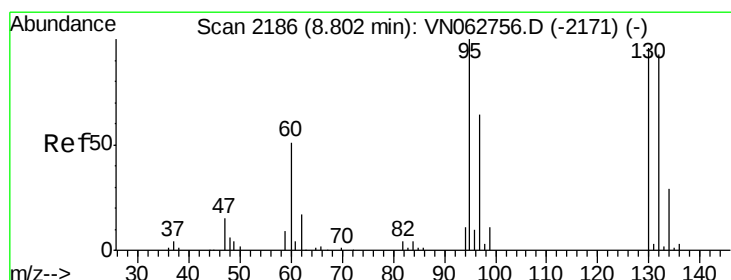
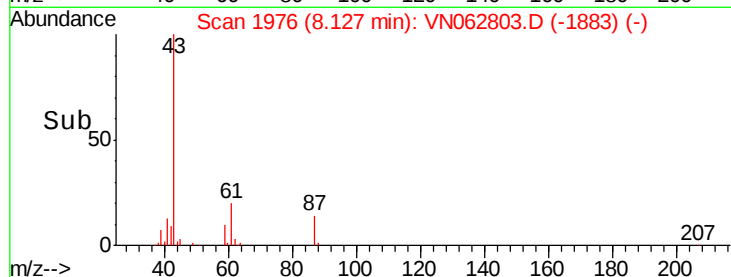
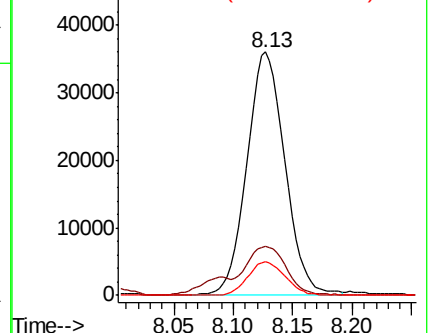
87 13.5 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062756.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062756.D (-1953) (-)



#44

Trichloroethene

Concen: 17.189 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062803.D

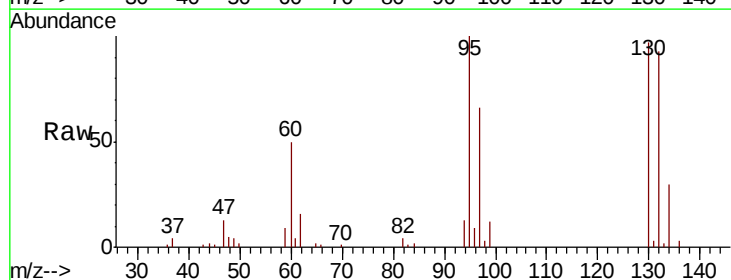
Acq: 10 Aug 2020 12:44

Tgt Ion:130 Resp: 33547

Ion Ratio Lower Upper

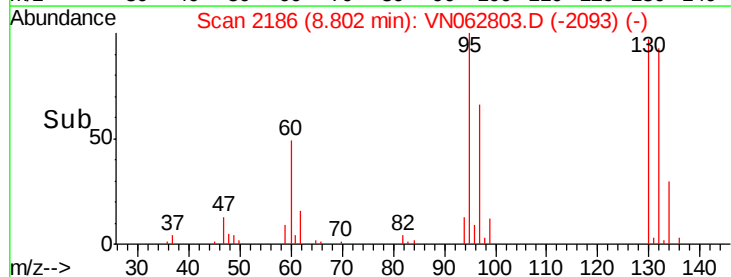
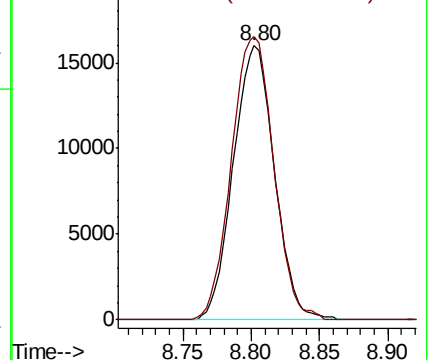
130 100

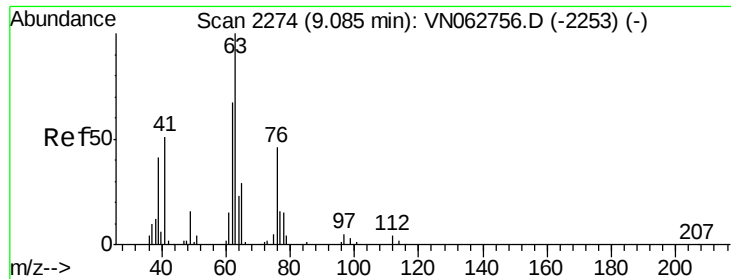
95 103.2 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062756.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062756.D (-2171) (-)





#45

1,2-Dichloropropane

Concen: 17.550 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

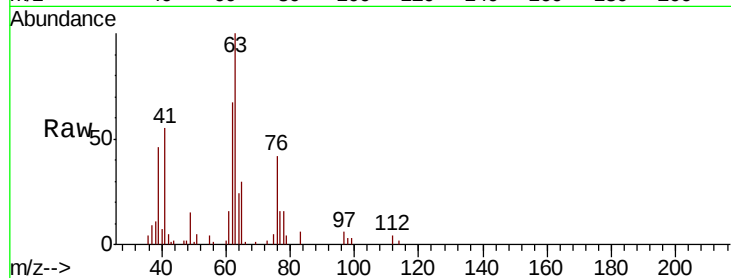
VN0810WBS01

Tot Ion: 63 Resp: 38050

Ion Ratio Lower Upper

63 100

65 30.0 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.09

20000

15000

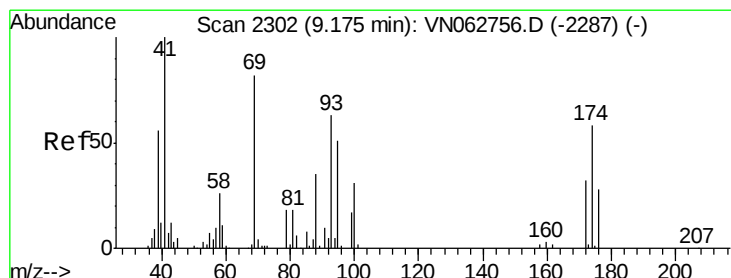
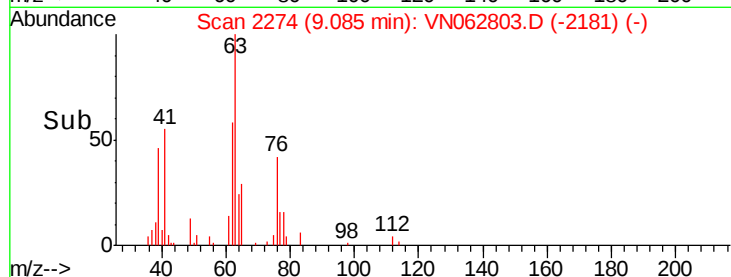
10000

5000

0

Time-->

9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 18.274 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

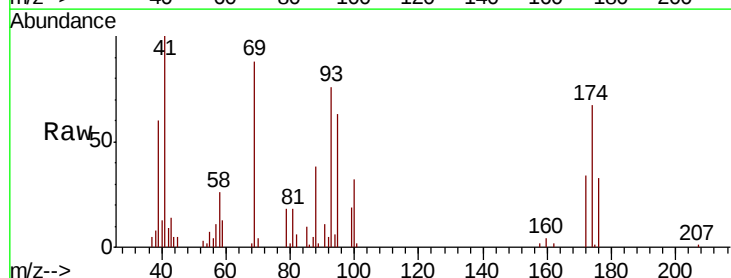
Tgt Ion: 93 Resp: 25959

Ion Ratio Lower Upper

93 100

95 81.1 65.1 97.7

174 86.8 73.9 110.9



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

15000

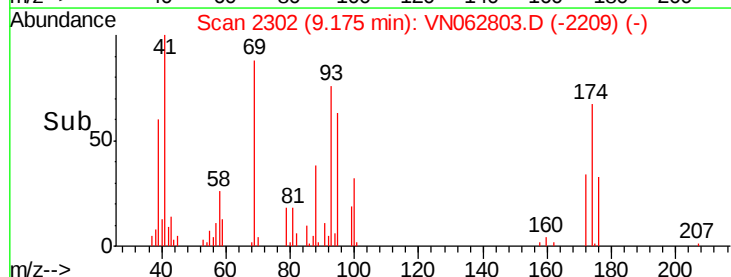
10000

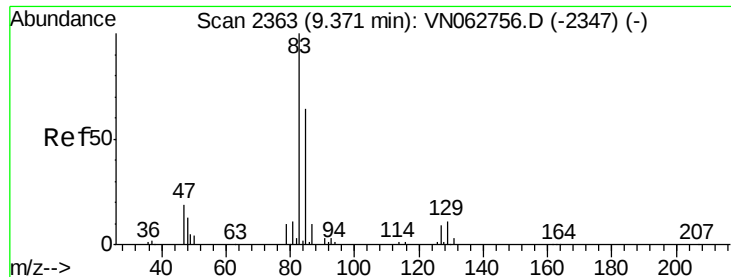
5000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 17.294 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBS01

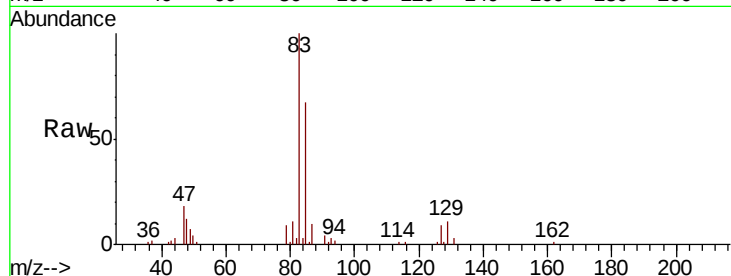
Tot Ion: 83 Resp: 55177

Ion Ratio Lower Upper

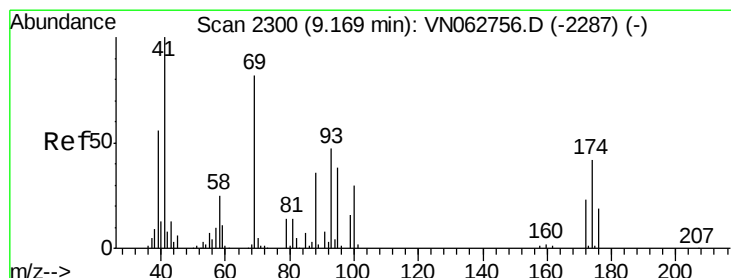
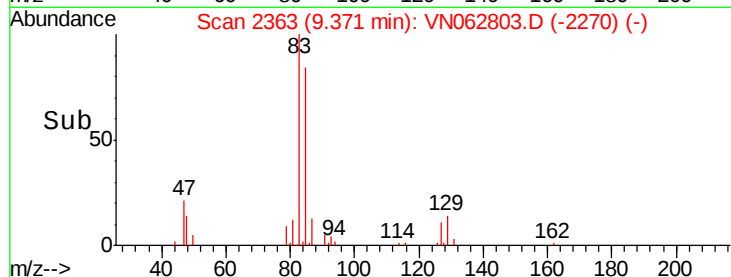
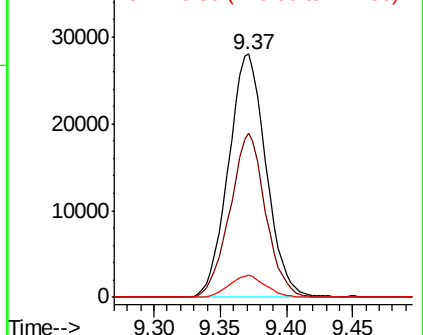
83 100

85 67.4 51.4 77.0

127 8.9 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.475 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

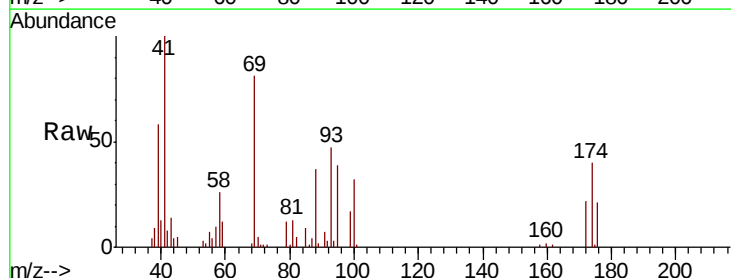
Tgt Ion: 41 Resp: 37904

Ion Ratio Lower Upper

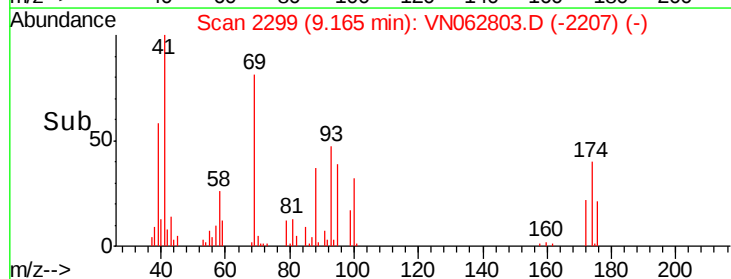
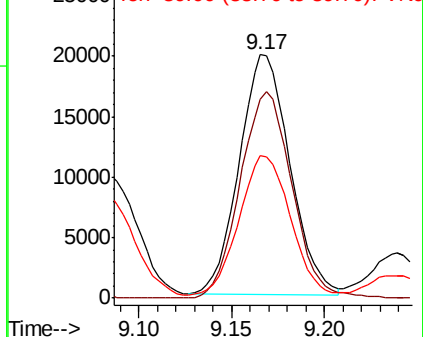
41 100

69 87.7 67.4 101.2

39 59.9 47.6 71.4



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

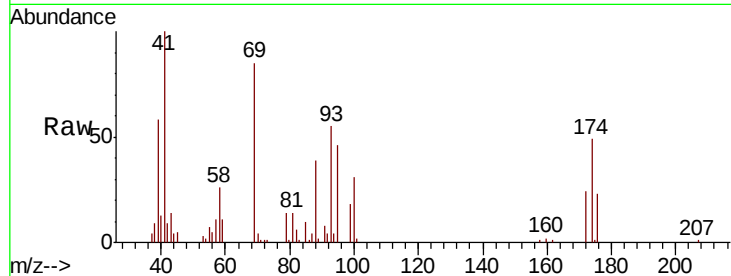




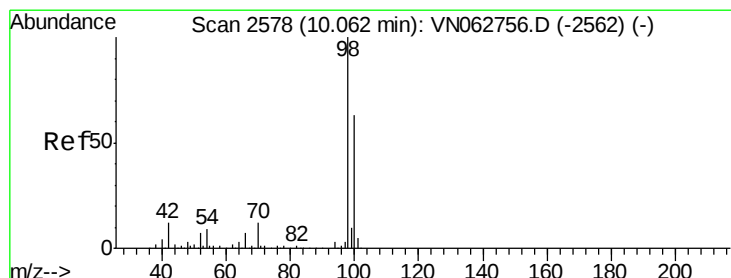
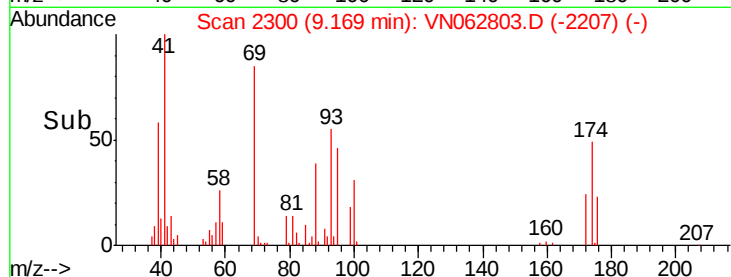
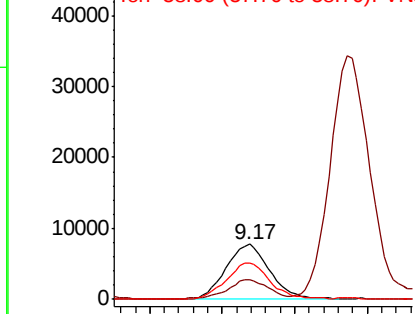
#49
1,4-Dioxane
Concen: 380.653 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

Tot Ion: 88 Resp: 16227
Ion Ratio Lower Upper
88 100
43 33.1 29.5 44.3
58 66.5 59.8 89.8

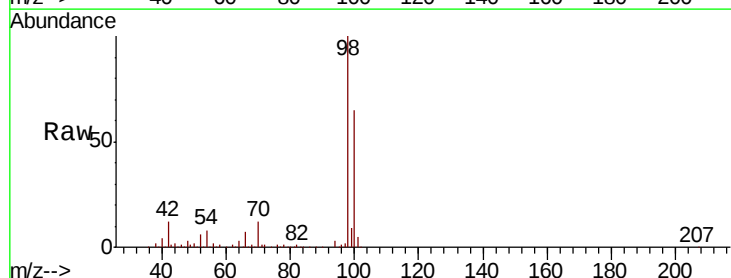


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

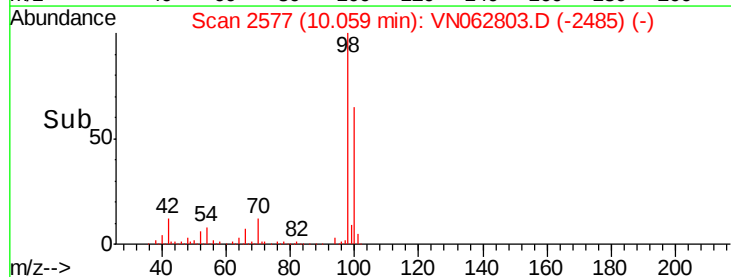
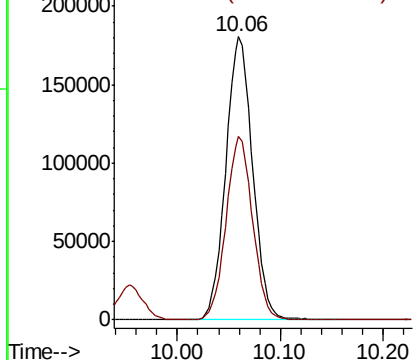


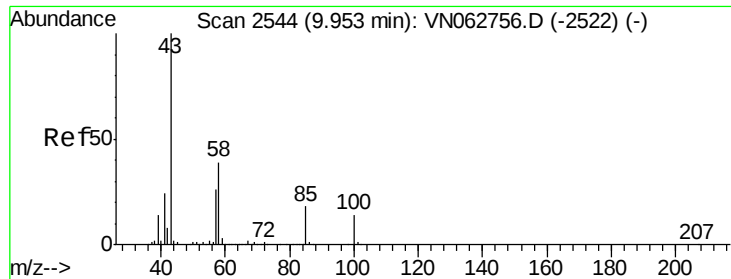
#50
Toluene-d8
Concen: 44.501 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion: 98 Resp: 327654
Ion Ratio Lower Upper
98 100
100 64.0 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: 86.977 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

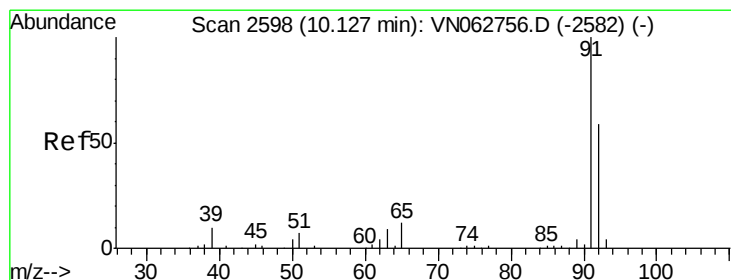
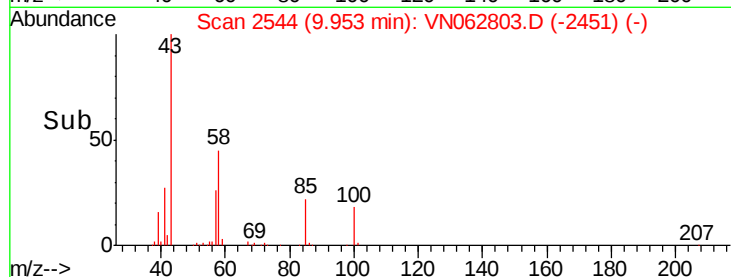
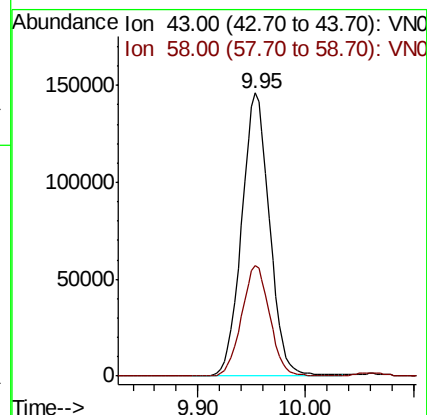
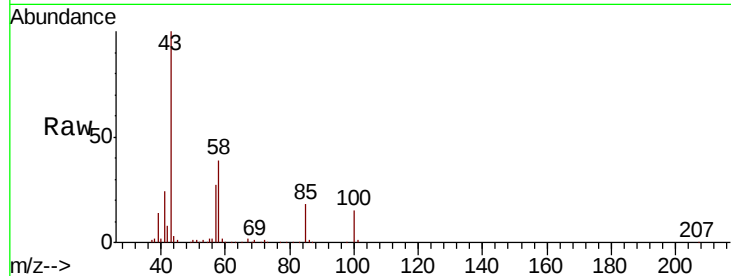
VN0810WBS01

Tot Ion: 43 Resp: 263222

Ion Ratio Lower Upper

43 100

58 39.4 31.1 46.7



#52

Toluene

Concen: 17.360 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062803.D

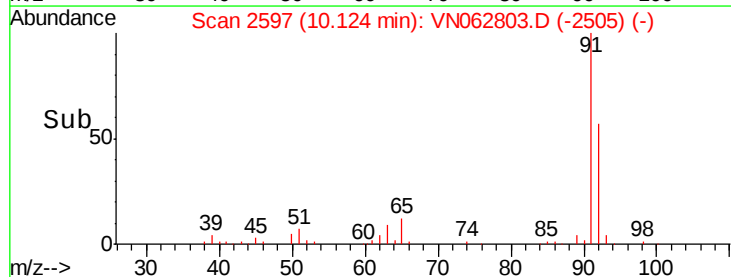
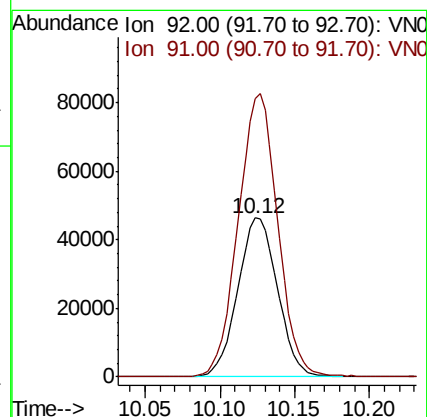
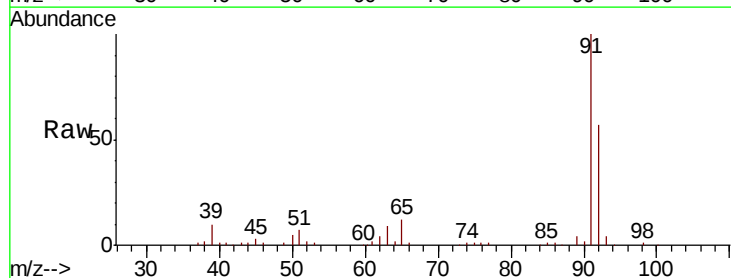
Acq: 10 Aug 2020 12:44

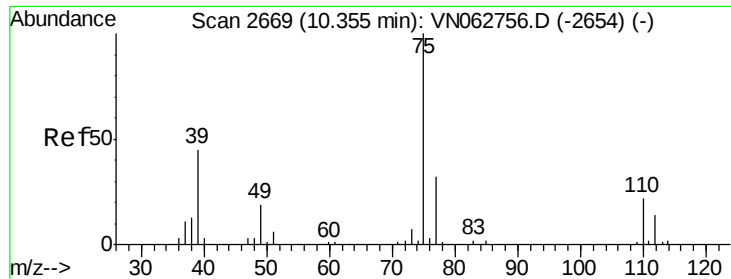
Tgt Ion: 92 Resp: 85863

Ion Ratio Lower Upper

92 100

91 176.9 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 17.451 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

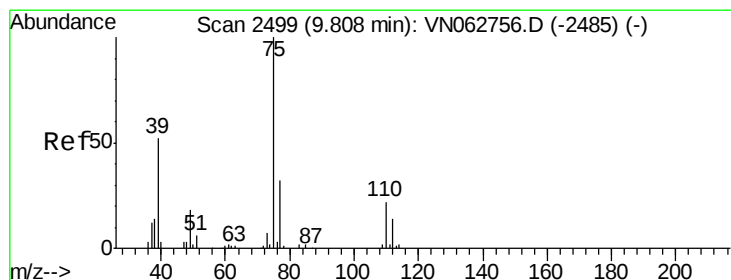
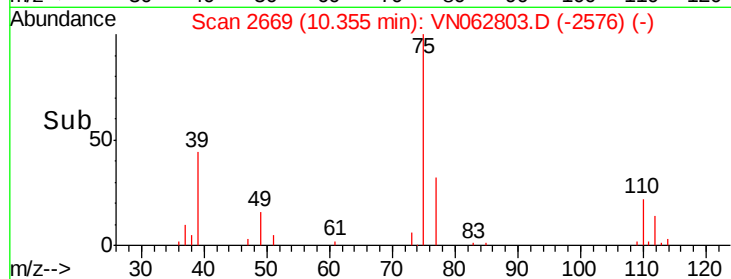
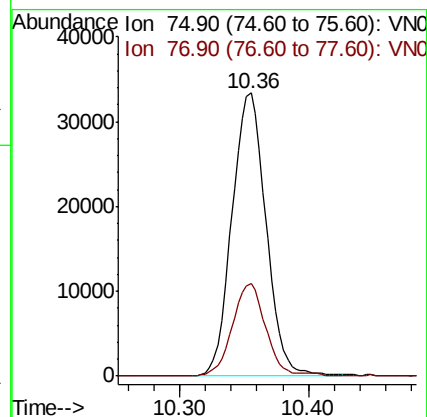
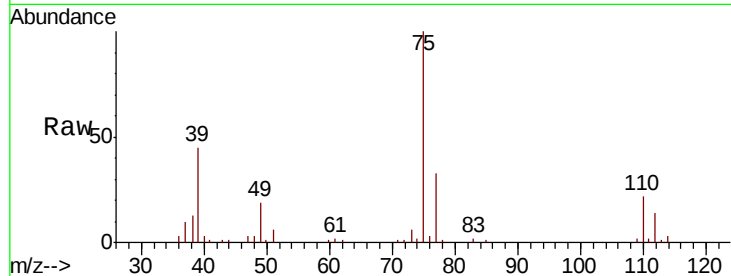
VN0810WBS01

Tot Ion: 75 Resp: 61244

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 17.986 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

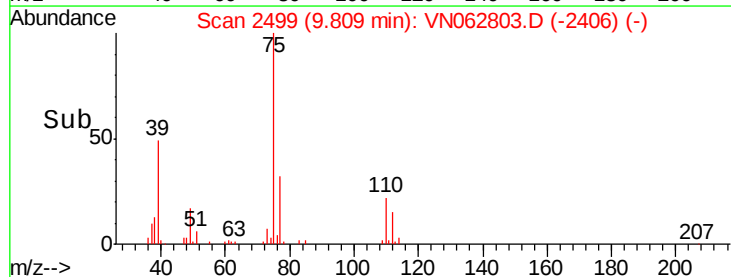
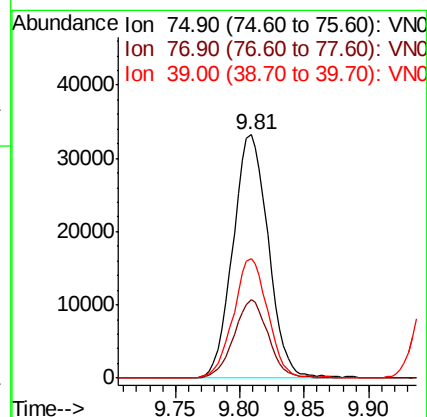
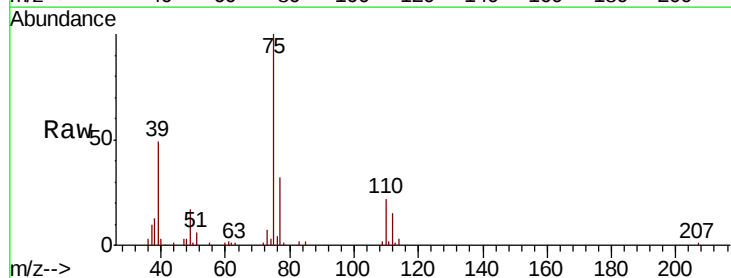
Tgt Ion: 75 Resp: 63375

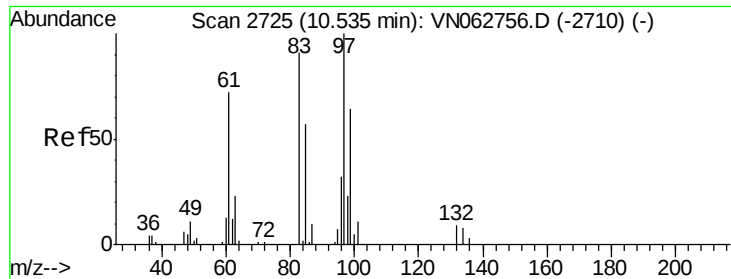
Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

39 49.0 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 17.575 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampled :

VN0810WBS01

Tot Ion: 97 Resp: 37125

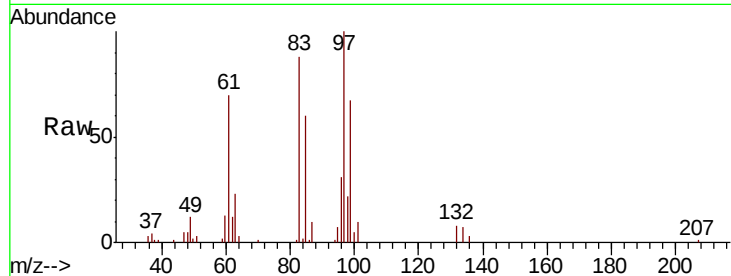
Ion Ratio Lower Upper

97 100

83 87.9 72.6 108.8

85 59.7 46.0 69.0

99 66.6 51.1 76.7



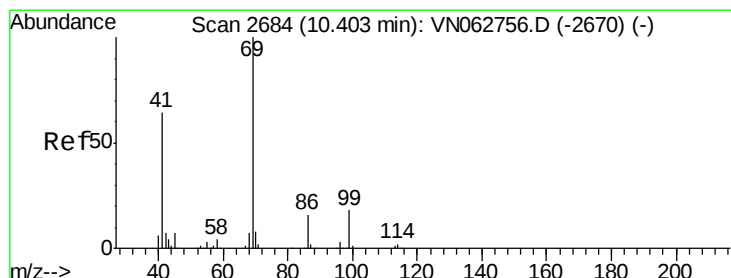
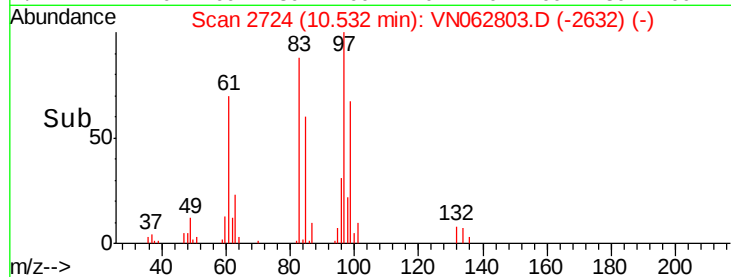
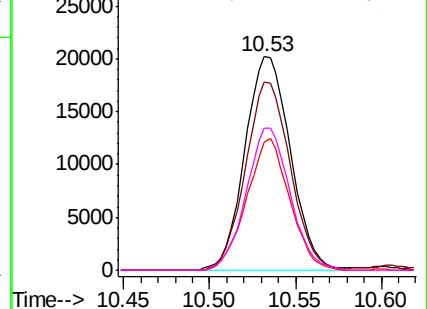
Abundance

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: 17.986 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

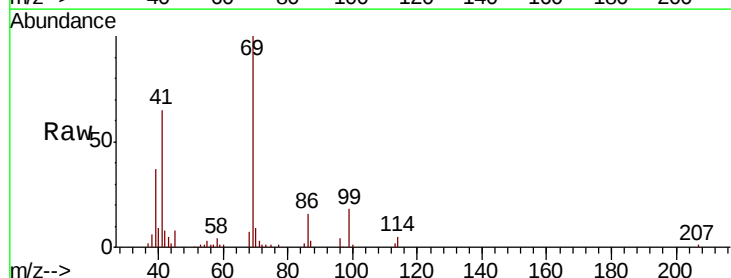
Tgt Ion: 69 Resp: 57187

Ion Ratio Lower Upper

69 100

41 64.7 52.2 78.2

39 35.5 30.9 46.3

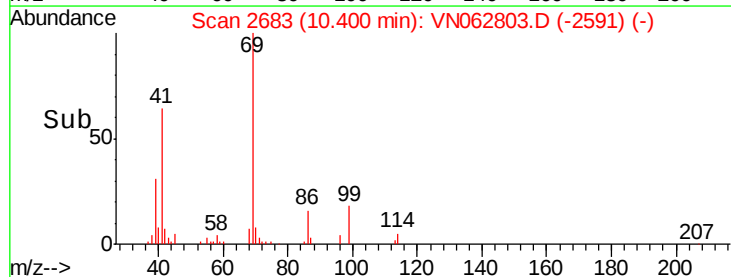
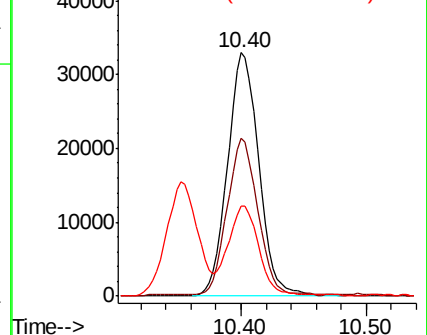


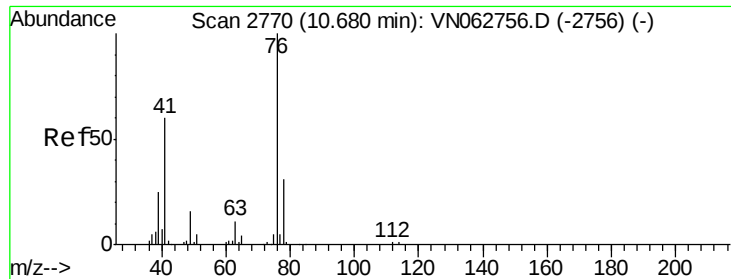
Abundance

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: 17.709 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

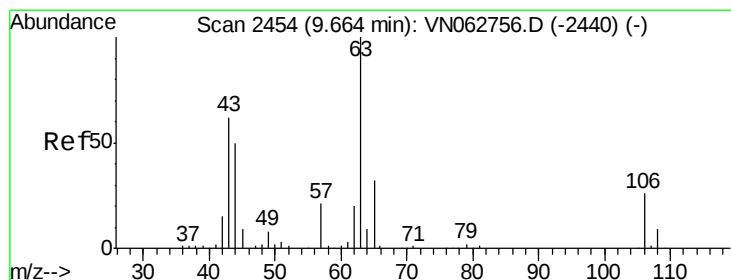
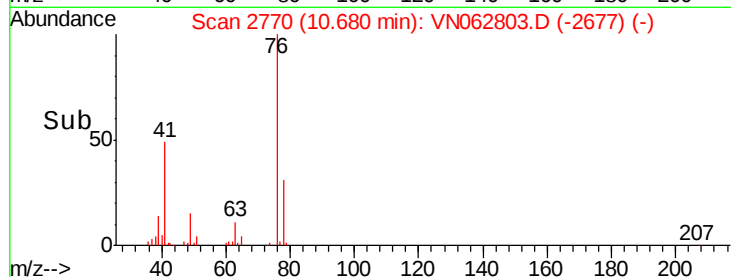
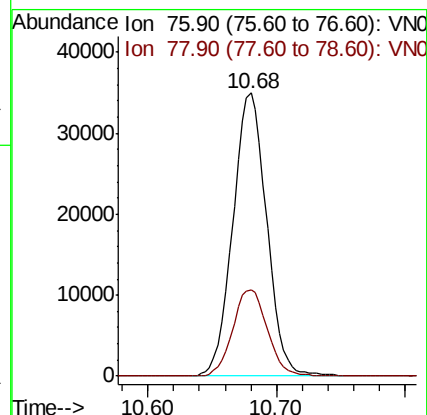
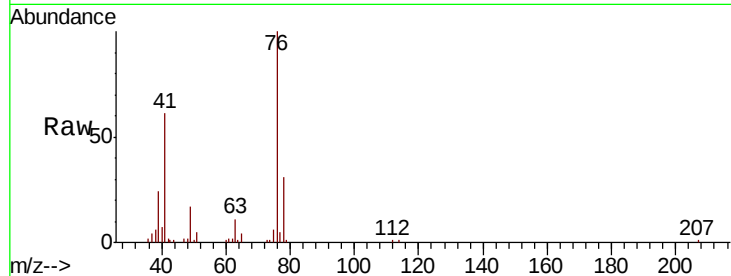
VN0810WBS01

Tot Ion: 76 Resp: 63560

Ion Ratio Lower Upper

76 100

78 31.2 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 90.796 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062803.D

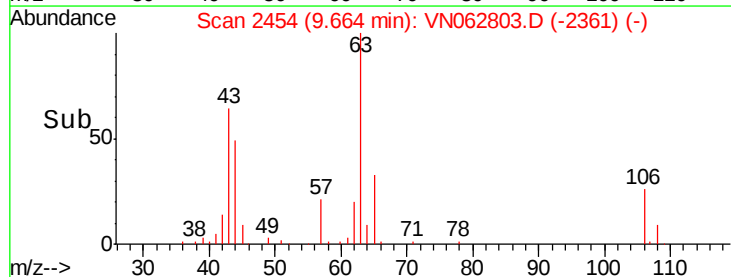
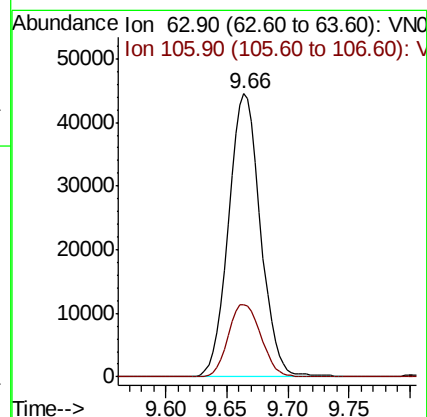
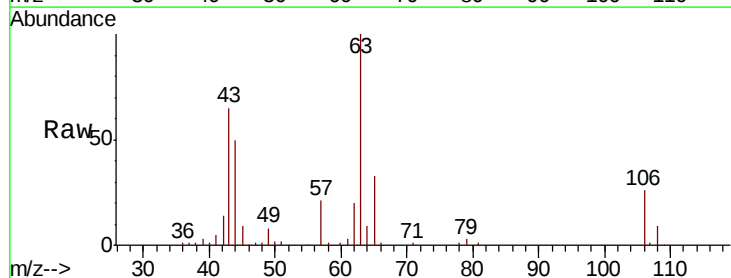
Acq: 10 Aug 2020 12:44

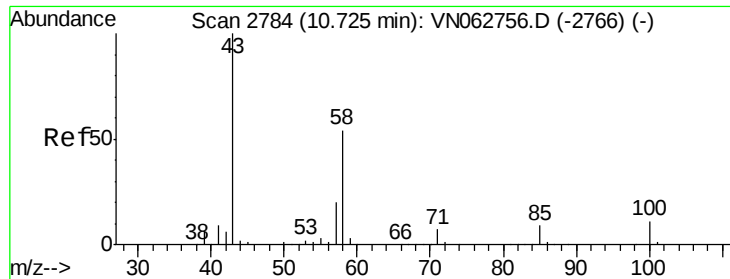
Tgt Ion: 63 Resp: 81602

Ion Ratio Lower Upper

63 100

106 26.1 20.9 31.3





#59

2-Hexanone

Concen: 84.616 ug/l

RT: 10.72 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

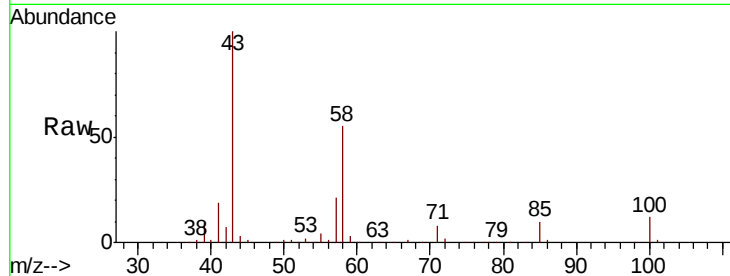
VN0810WBS01

Tot Ion: 43 Resp: 191018

Ion Ratio Lower Upper

43 100

58 54.2 26.7 80.1



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-2766) (-)

Ion 58.00 (57.70 to 58.70): VN062756.D (-2766) (-)

10.72

120000

100000

80000

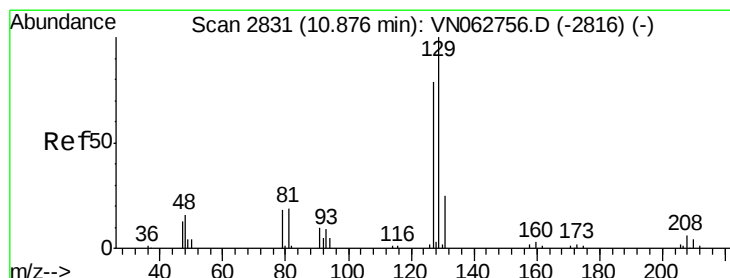
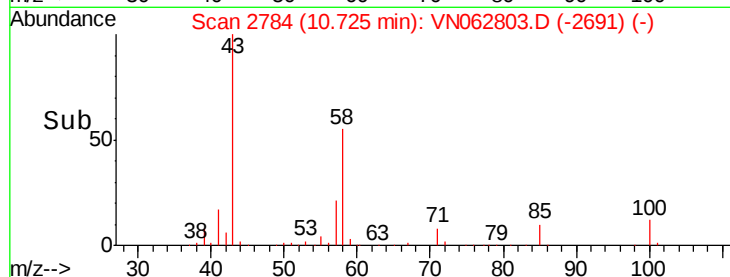
60000

40000

20000

0

Time-->



#60

Dibromochloromethane

Concen: 17.362 ug/l

RT: 10.88 min Scan# 2831

Delta R.T. 0.00 min

Lab File: VN062803.D

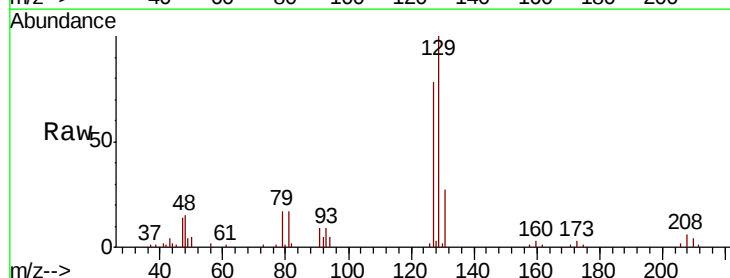
Acq: 10 Aug 2020 12:44

Tgt Ion: 129 Resp: 41853

Ion Ratio Lower Upper

129 100

127 76.2 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): VN062756.D (-2816) (-)

Ion 126.80 (126.50 to 127.50): VN062756.D (-2816) (-)

10.88

25000

20000

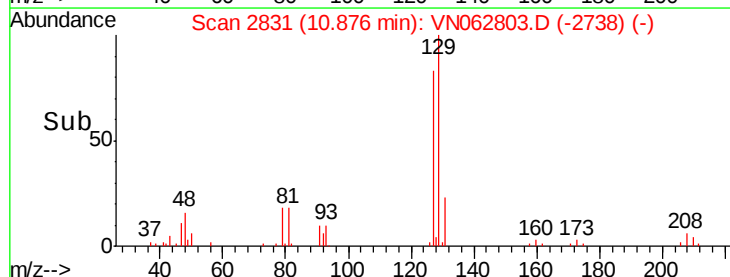
15000

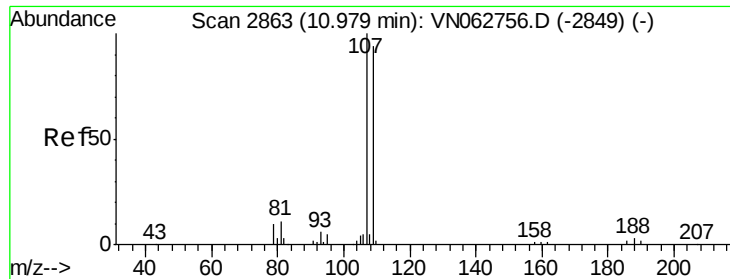
10000

5000

0

Time-->

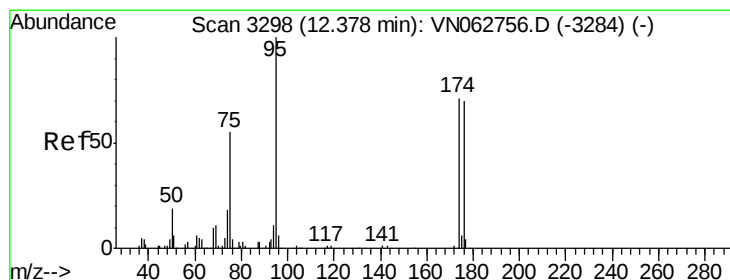
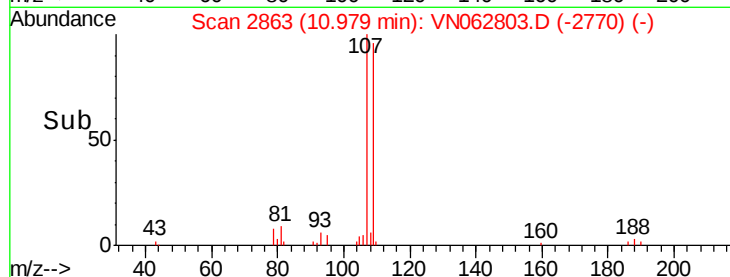
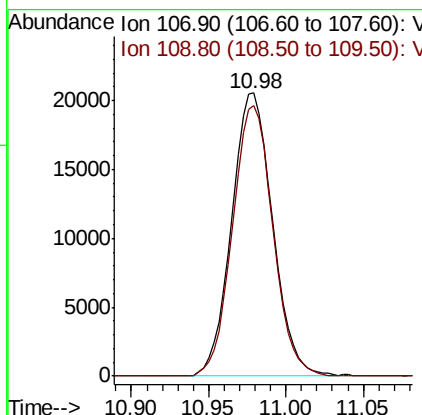
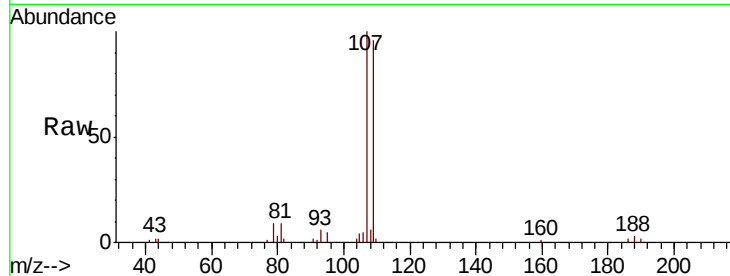




#61
 1,2-Dibromoethane
 Concen: 18.123 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

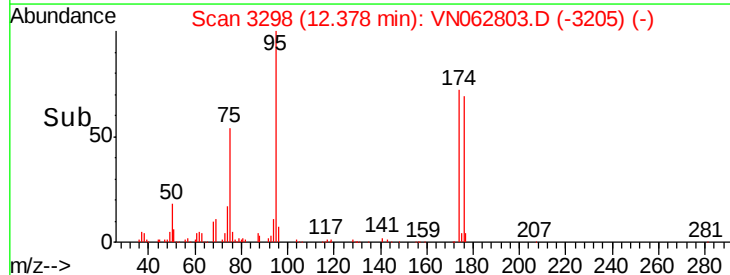
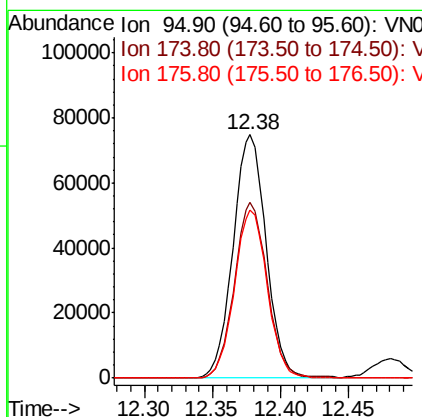
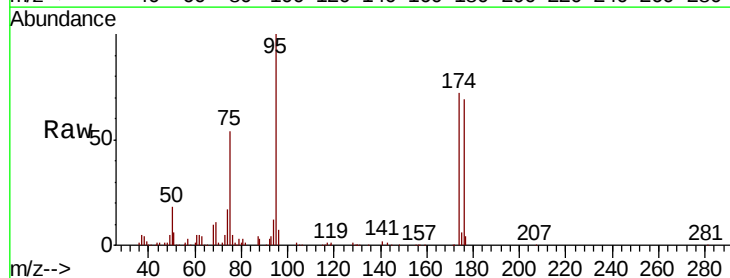
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

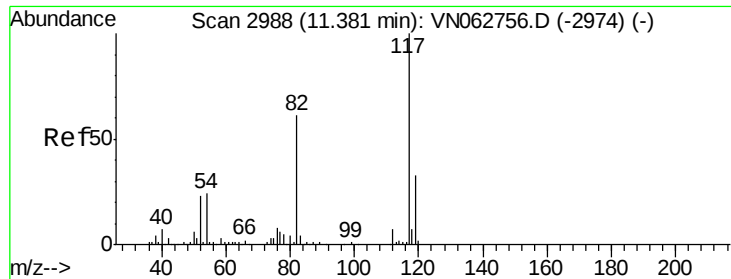
Tot Ion:107 Resp: 37776
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 45.340 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Tgt Ion: 95 Resp: 126156
 Ion Ratio Lower Upper
 95 100
 174 71.5 0.0 144.8
 176 68.4 0.0 142.2

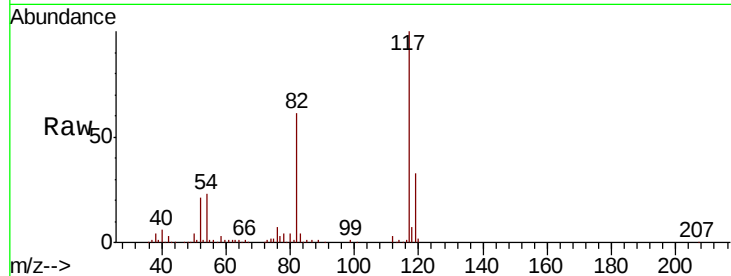




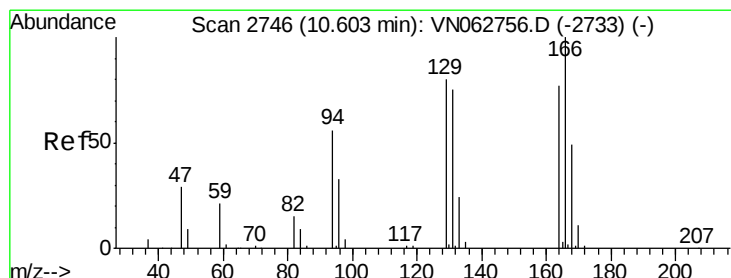
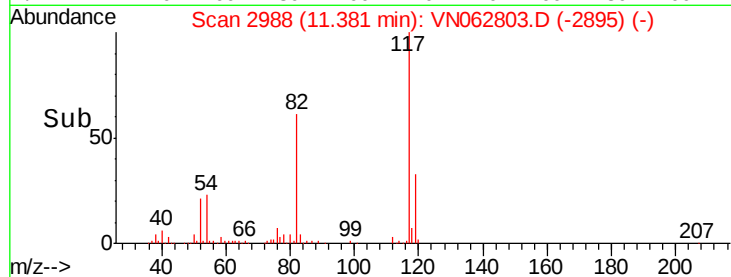
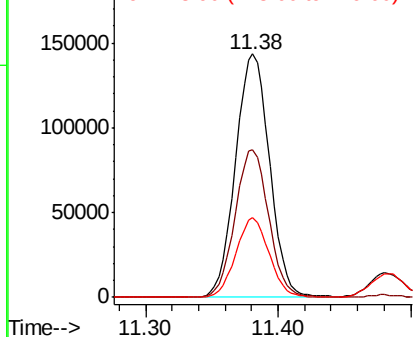
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

Tot Ion:117 Resp: 256225
Ion Ratio Lower Upper
117 100
82 60.8 49.0 73.4
119 32.6 26.2 39.2

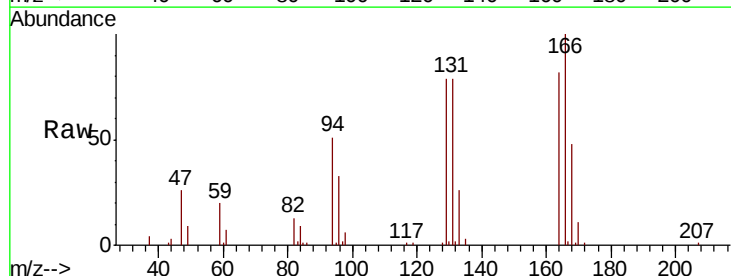


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

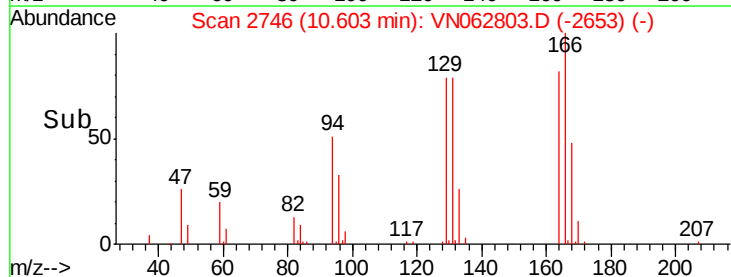
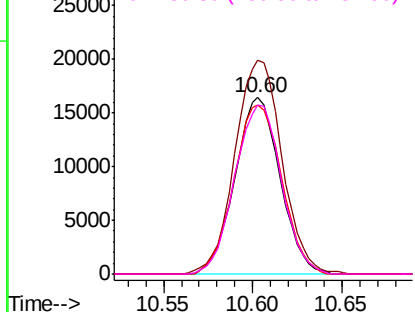


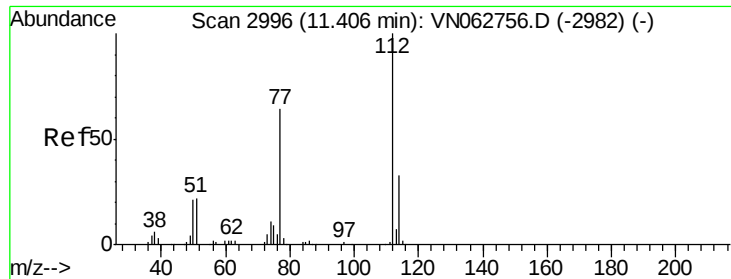
#64
Tetrachloroethene
Concen: 17.508 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion:164 Resp: 28944
Ion Ratio Lower Upper
164 100
166 120.2 103.8 155.8
129 95.8 82.7 124.1
131 96.0 78.2 117.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

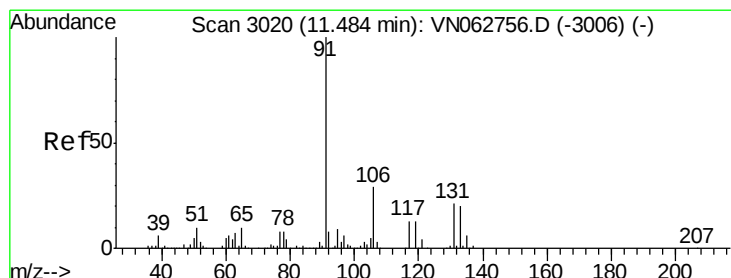
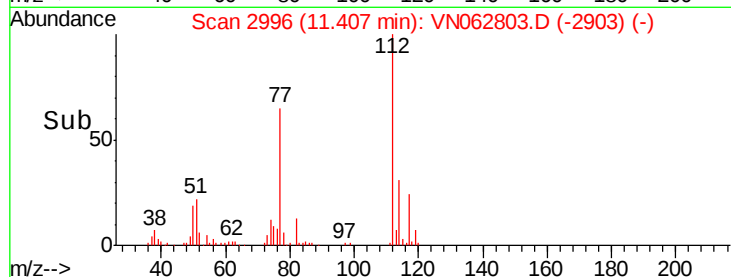
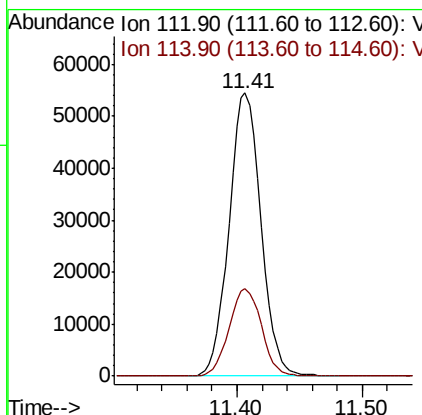
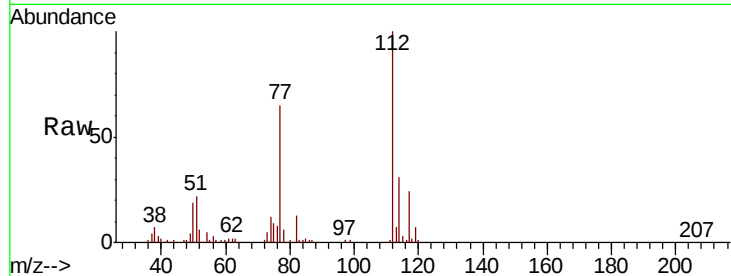




#65
Chlorobenzene
Concen: 17.964 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

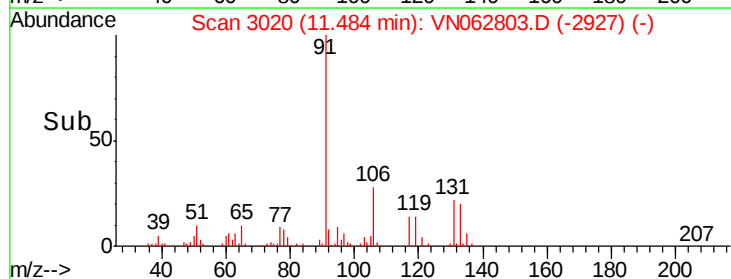
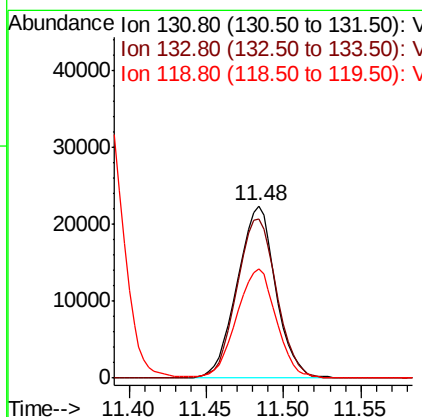
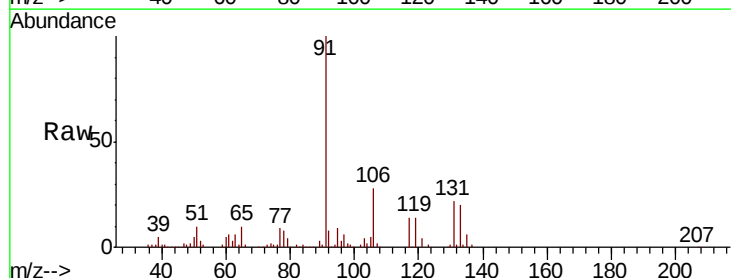
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

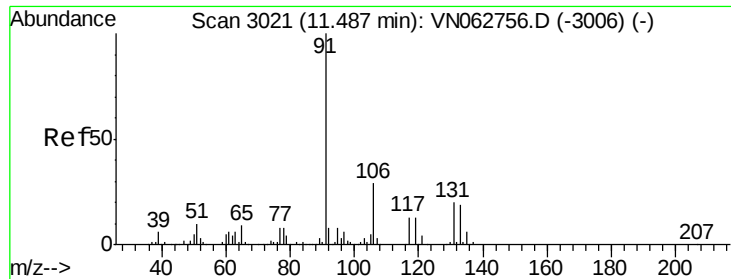
Tot Ion:112 Resp: 96215
Ion Ratio Lower Upper
112 100
114 30.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.006 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion:131 Resp: 38729
Ion Ratio Lower Upper
131 100
133 95.4 48.6 145.8
119 65.1 32.2 96.6

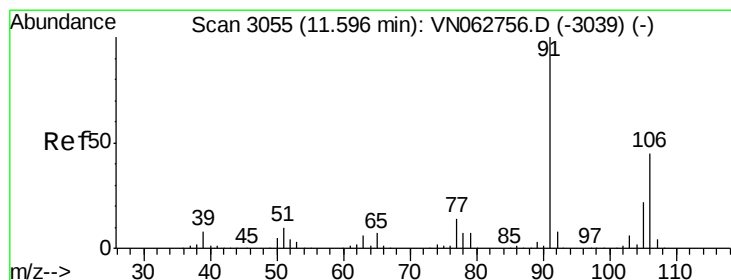
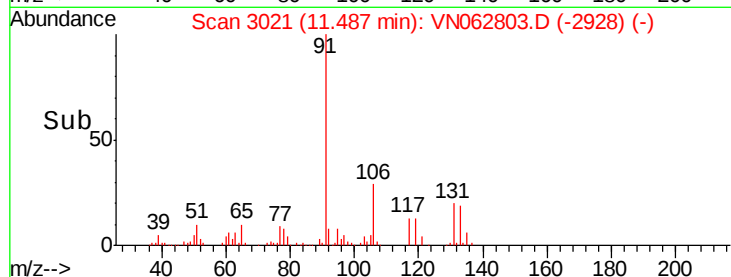
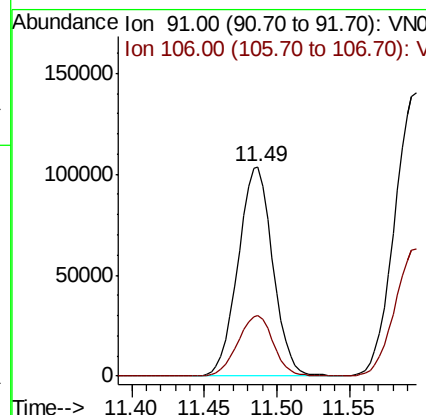
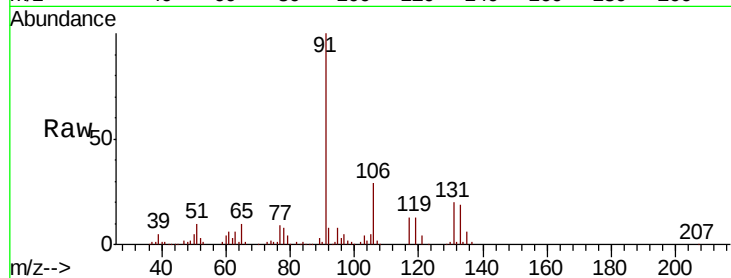




#67
Ethyl Benzene
Concen: 17.986 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

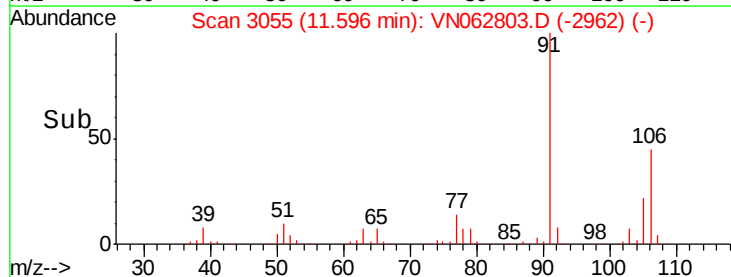
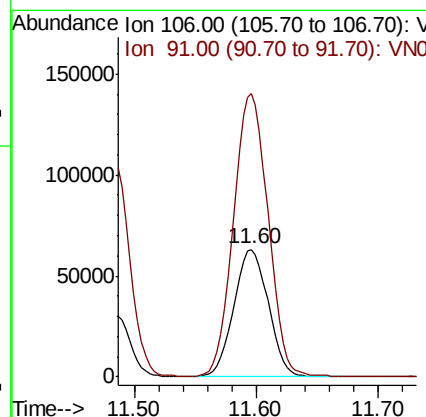
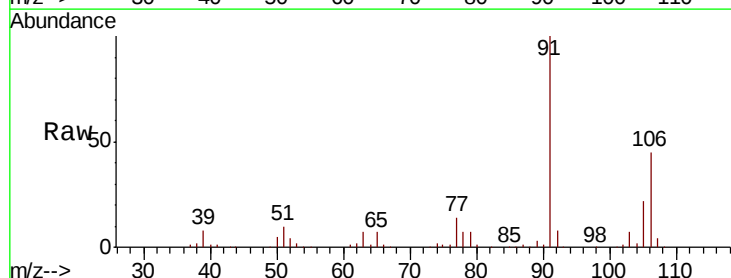
Instrument :
MSVOA_N
ClientSampled :
VN0810WBS01

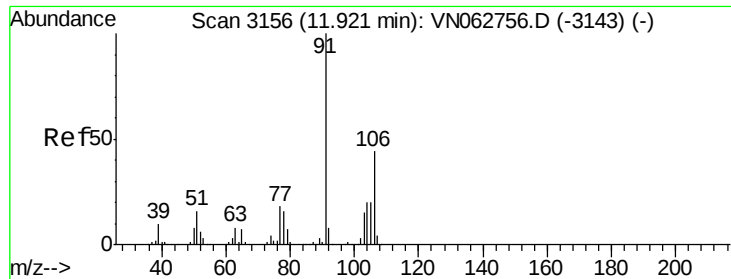
Tot Ion: 91 Resp: 172385
Ion Ratio Lower Upper
91 100
106 28.7 23.2 34.8



#68
m/p-Xylenes
Concen: 35.782 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion: 106 Resp: 124493
Ion Ratio Lower Upper
106 100
91 221.2 175.9 263.9

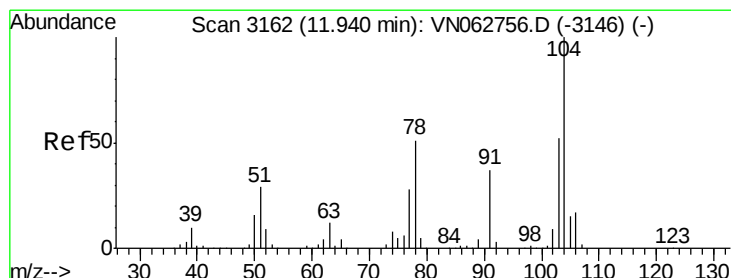
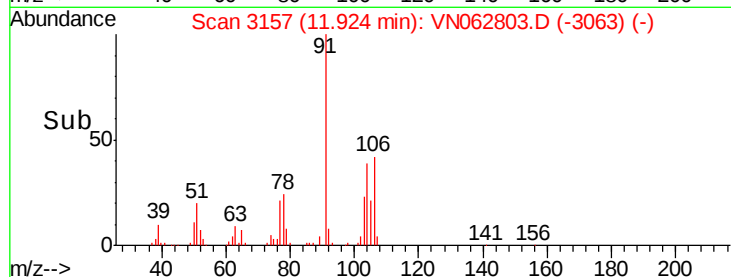
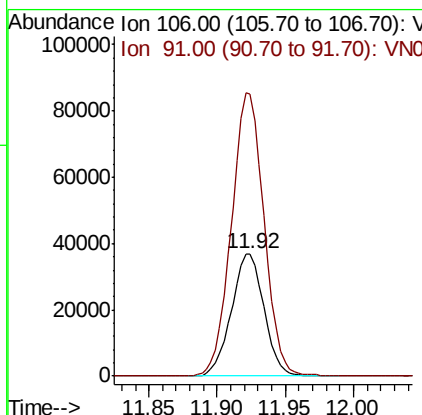
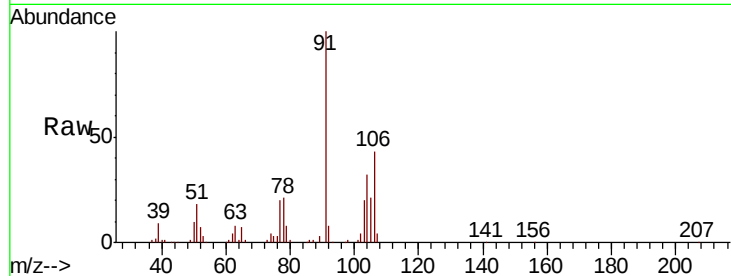




#69
o-Xylene
Concen: 18.819 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

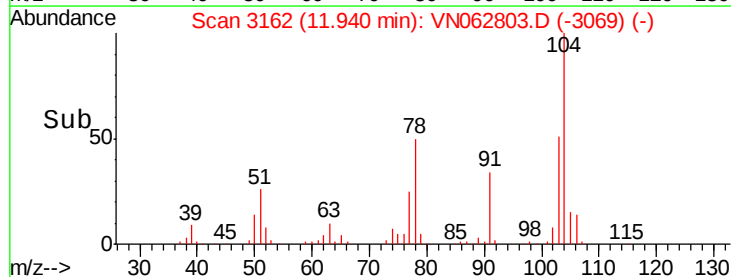
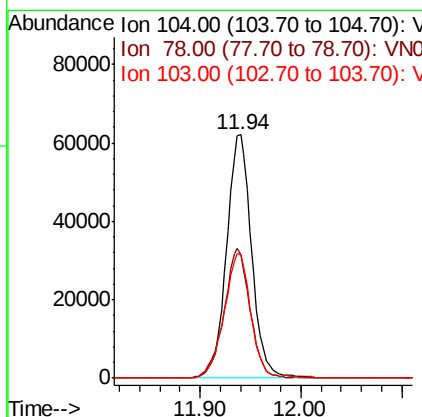
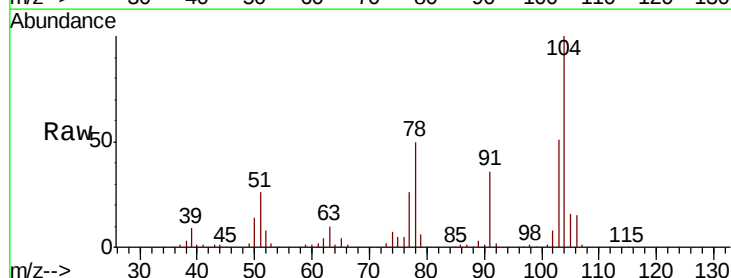
Instrument :
MSVOA_N
ClientSampled :
VN0810WBS01

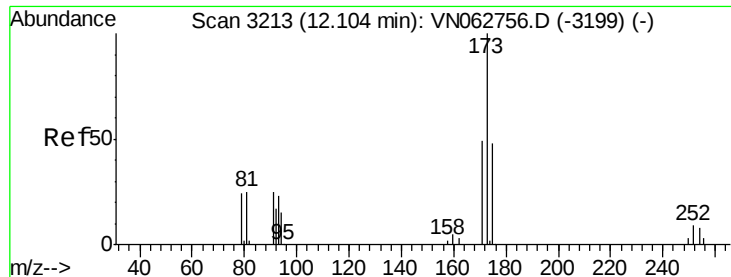
Tot Ion:106 Resp: 61359
Ion Ratio Lower Upper
106 100
91 231.1 115.8 347.4



#70
Styrene
Concen: 18.819 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion:104 Resp: 107856
Ion Ratio Lower Upper
104 100
78 55.2 45.9 68.9
103 54.2 45.1 67.7





#71

Bromoform

Concen: 16.730 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBS01

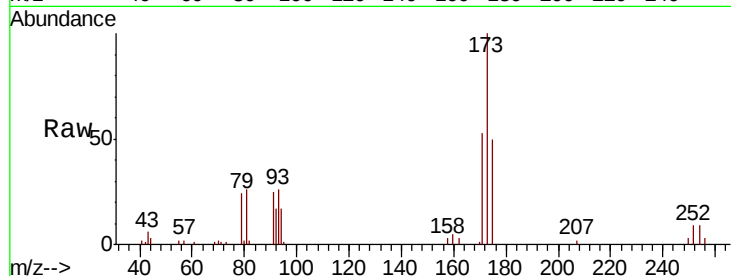
Tot Ion:173 Resp: 29442

Ion Ratio Lower Upper

173 100

175 47.8 24.0 72.0

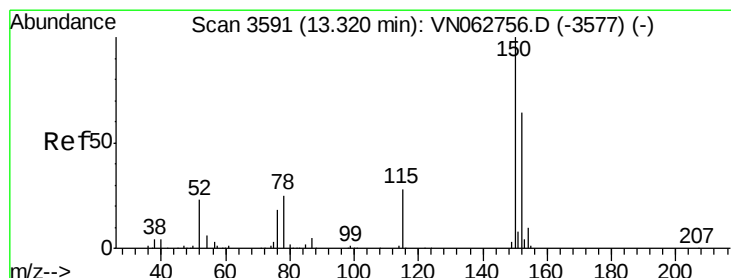
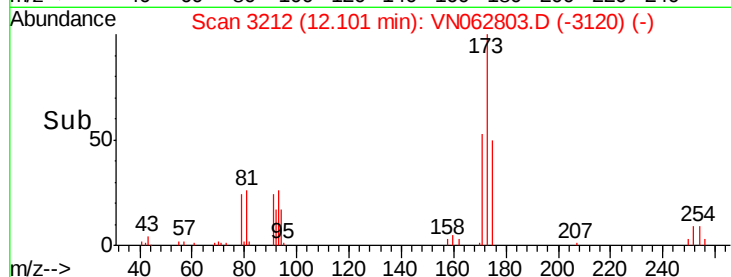
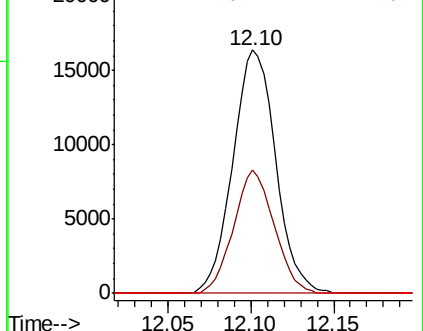
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

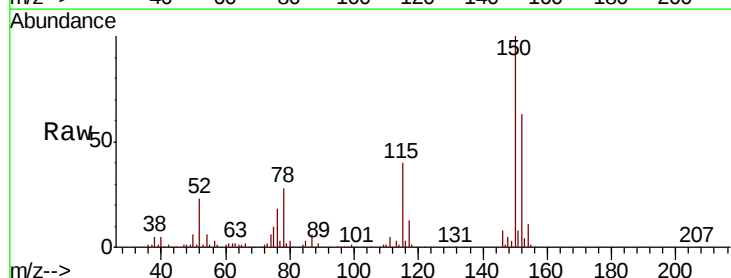
Tgt Ion:152 Resp: 119605

Ion Ratio Lower Upper

152 100

115 63.6 31.6 94.8

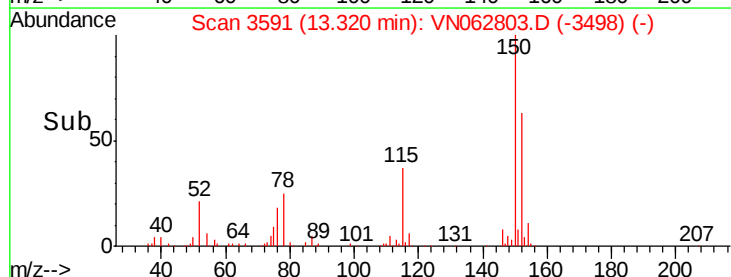
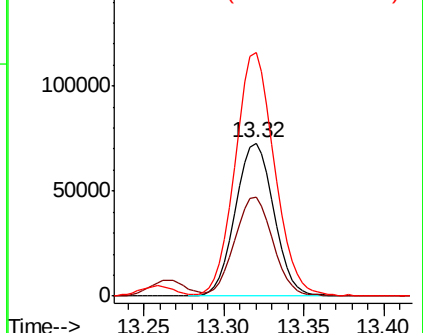
150 162.9 0.0 349.2

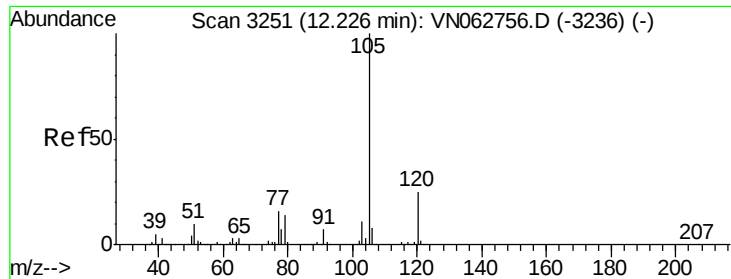


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.151 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

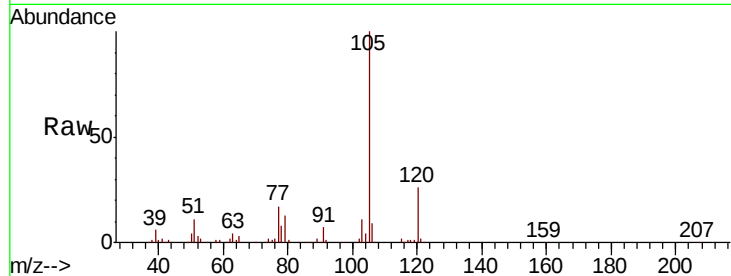
VN0810WBS01

Tot Ion:105 Resp: 172478

Ion Ratio Lower Upper

105 100

120 25.3 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

40000

20000

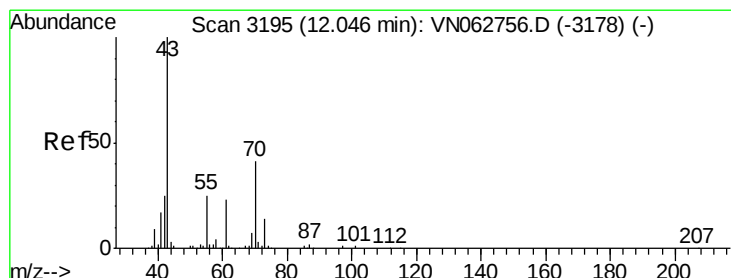
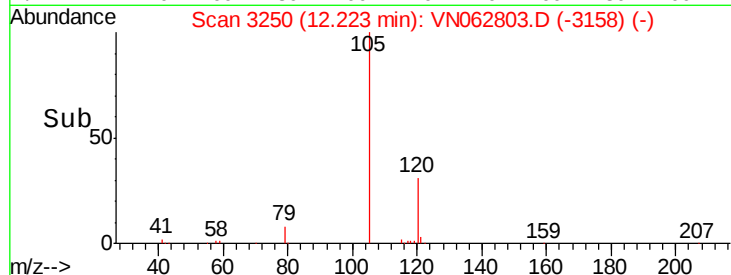
0

12.22

12.20

12.30

Time-->



#74

N-ethyl acetate

Concen: 19.052 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Tgt Ion: 43 Resp: 69536

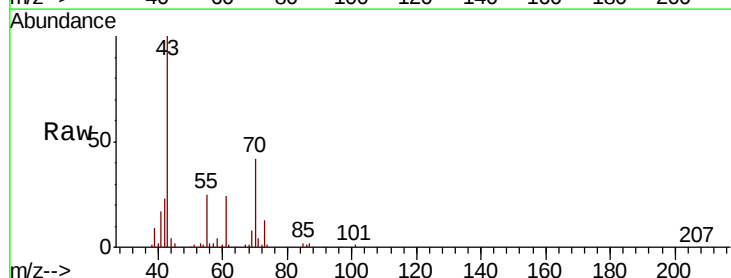
Ion Ratio Lower Upper

43 100

70 42.6 32.3 48.5

55 26.4 20.2 30.2

61 23.7 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

60000

40000

20000

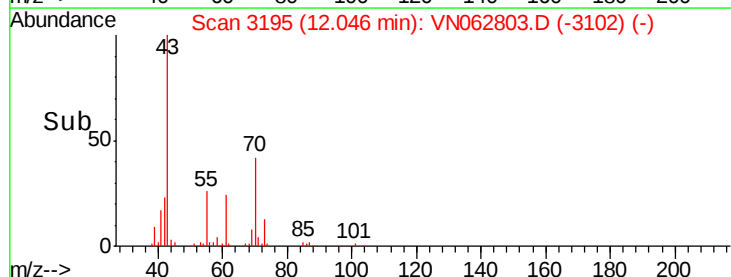
0

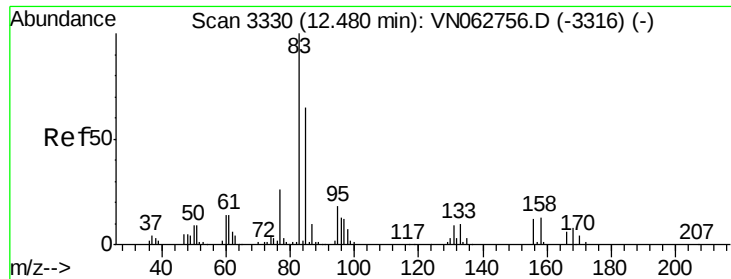
12.05

12.00

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.542 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampled :

VN0810WBS01

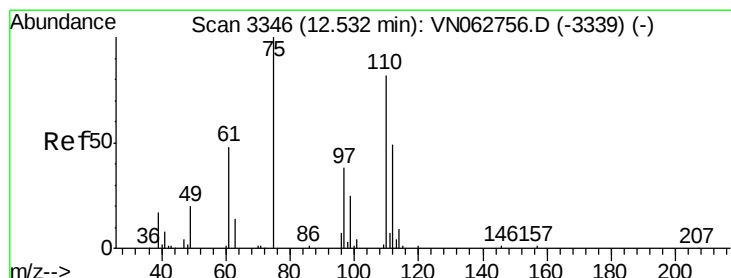
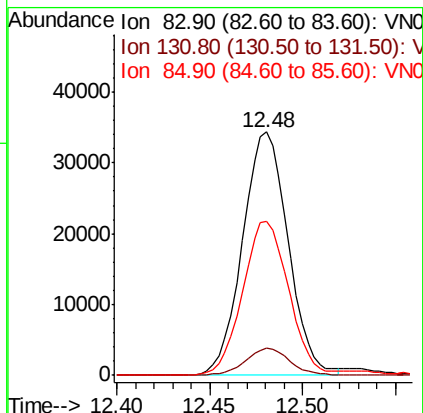
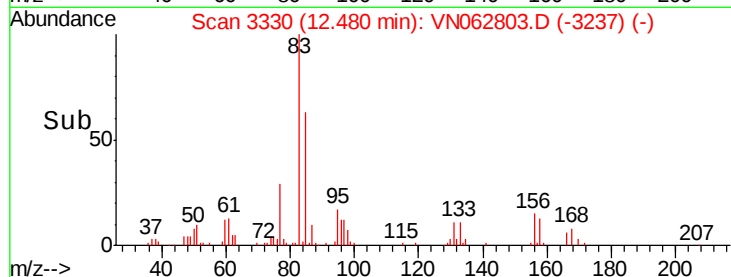
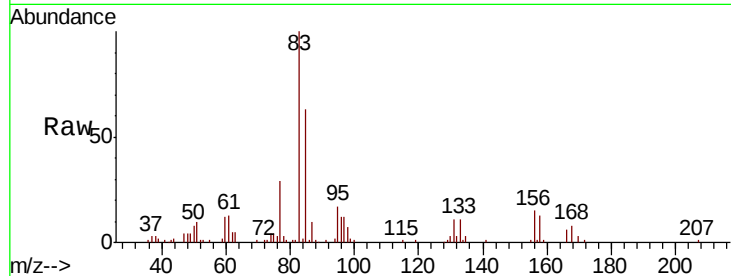
Tot Ion: 83 Resp: 58787

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.4

85 63.6 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 23.643 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062803.D

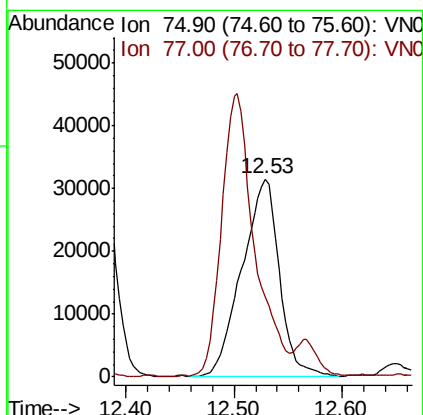
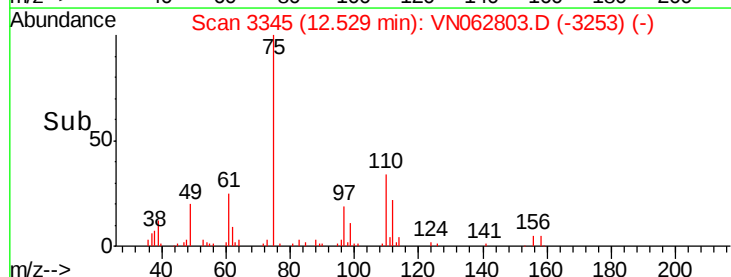
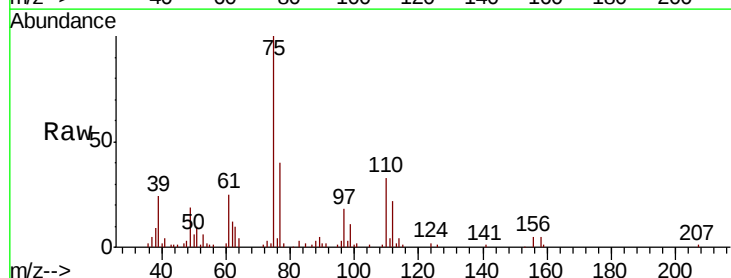
Acq: 10 Aug 2020 12:44

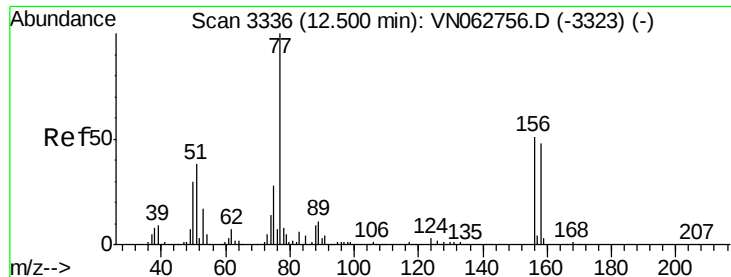
Tgt Ion: 75 Resp: 76262

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 17.995 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBS01

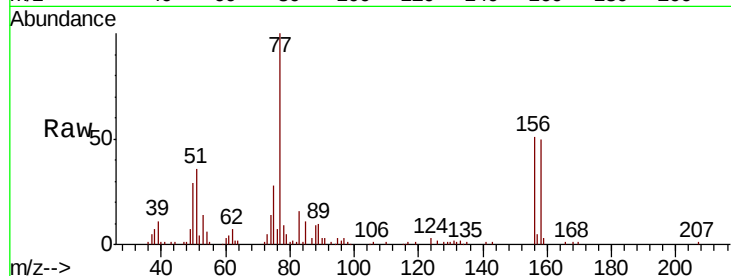
Tot Ion:156 Resp: 40269

Ion Ratio Lower Upper

156 100

77 240.0 119.7 359.1

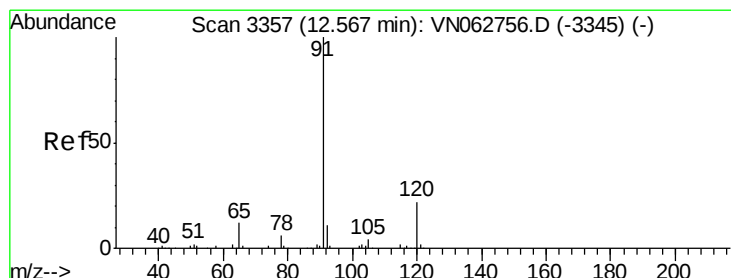
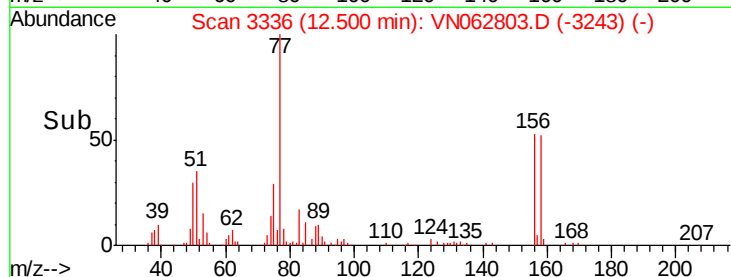
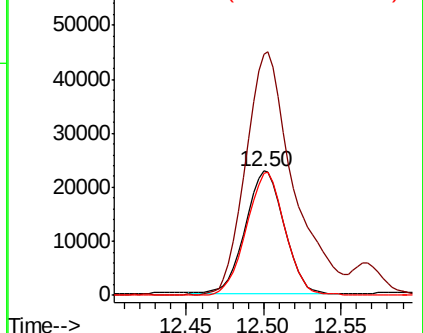
158 98.6 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.654 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062803.D

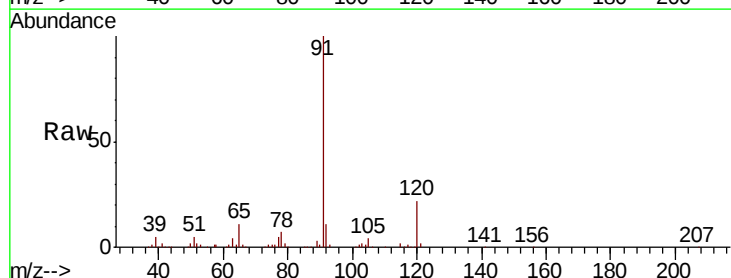
Acq: 10 Aug 2020 12:44

Tgt Ion: 91 Resp: 197211

Ion Ratio Lower Upper

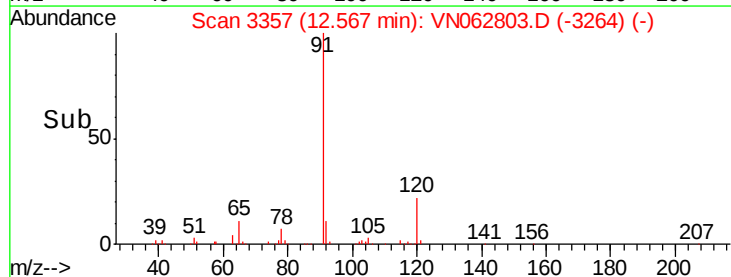
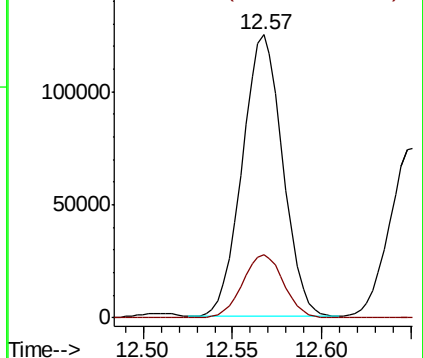
91 100

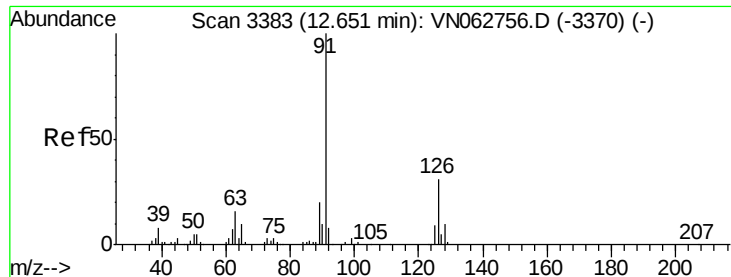
120 22.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

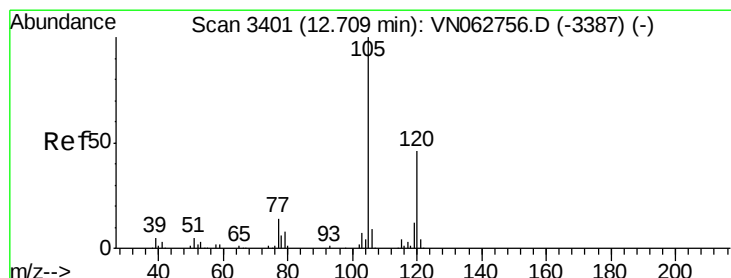
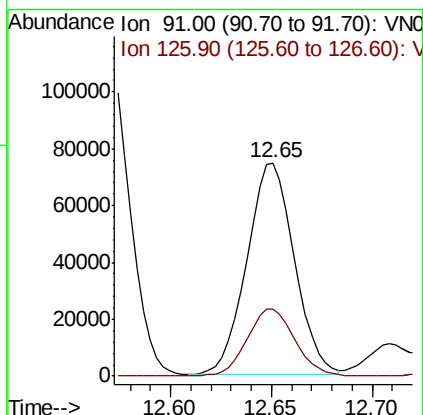
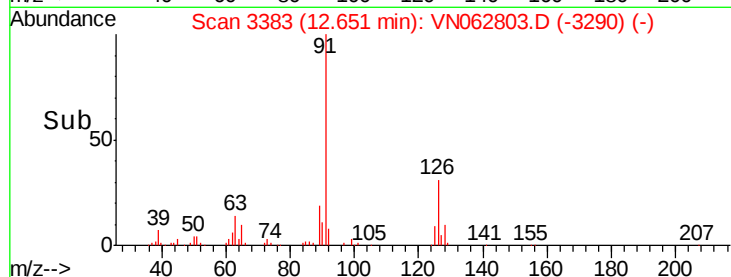
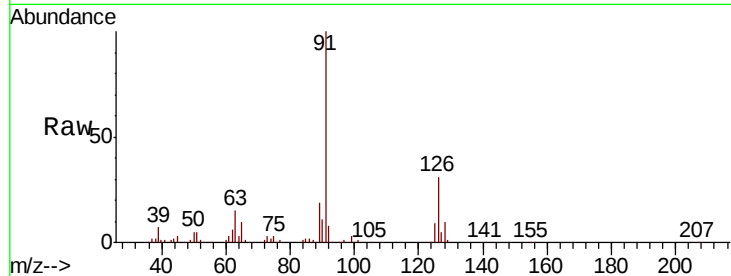




#79
 2-Chlorotoluene
 Concen: 18.533 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

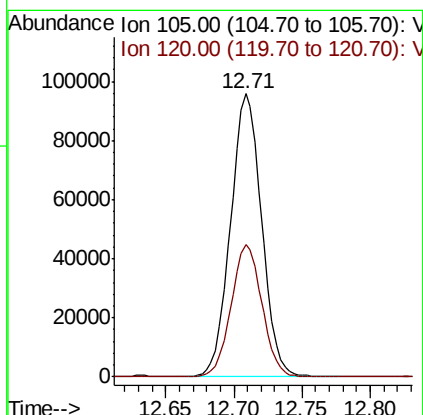
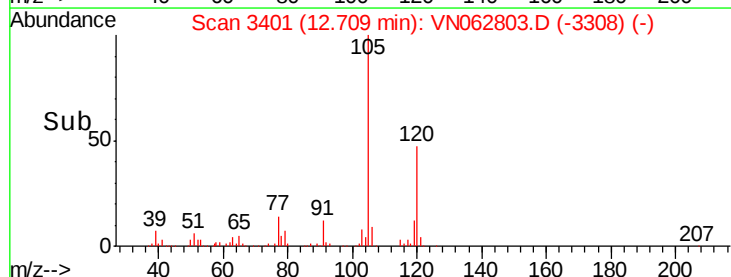
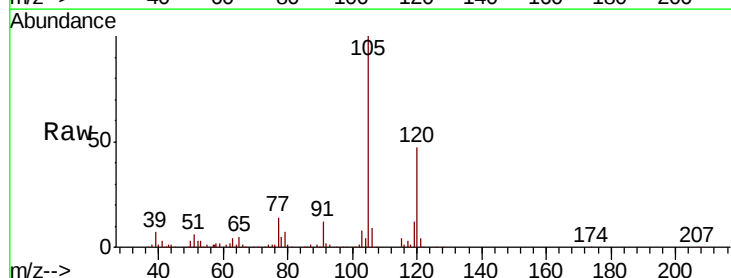
Instrument :
 MSVOA_N
 ClientSampled :
 VN0810WBS01

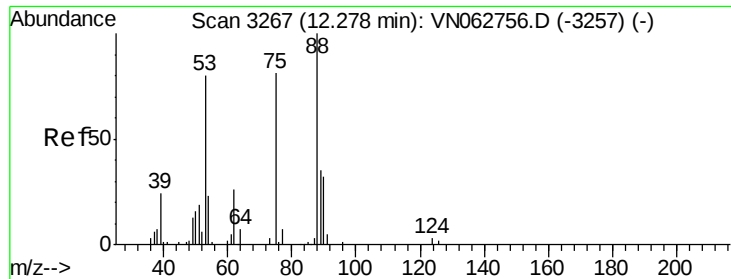
Tot Ion: 91 Resp: 122868
 Ion Ratio Lower Upper
 91 100
 126 32.0 15.6 46.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.324 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Tgt Ion: 105 Resp: 150985
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.9 68.5

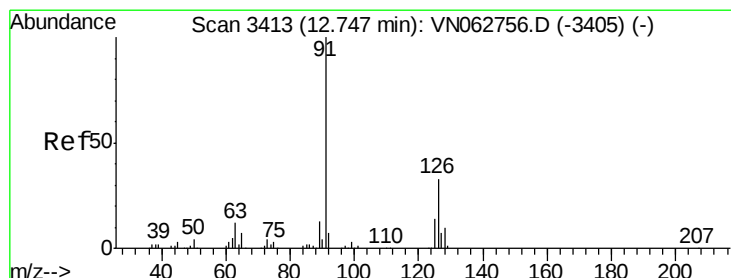
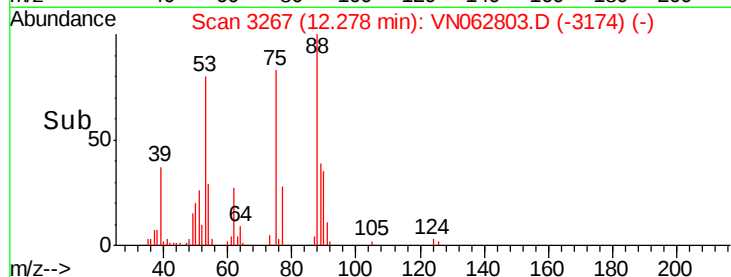
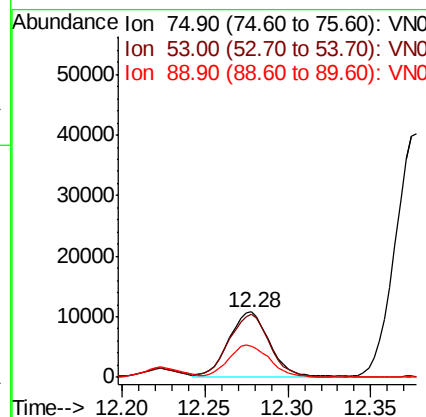
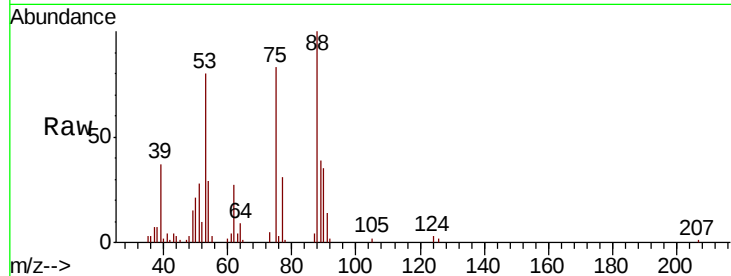




#81
trans-1,4-Dichloro-2-butene
Concen: 17.695 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

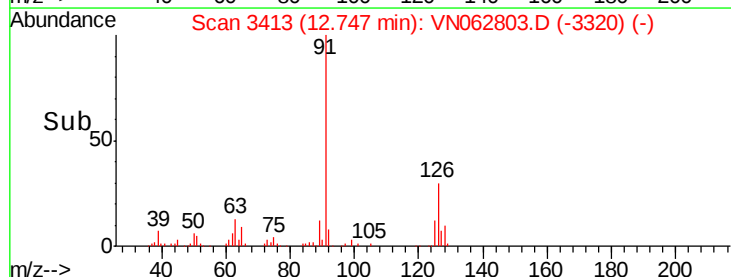
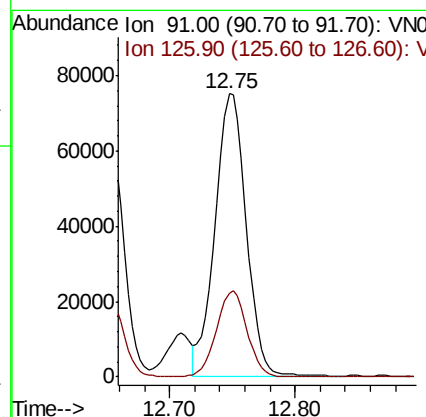
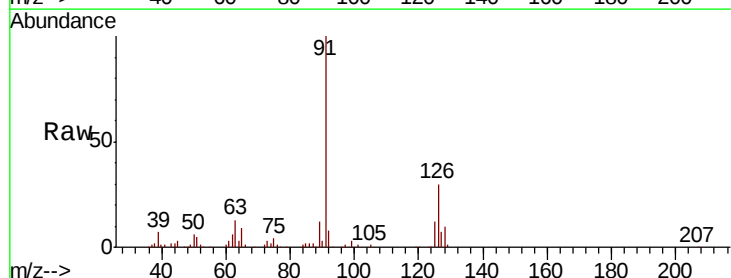
Instrument :
MSVOA_N
ClientSampled :
VN0810WBS01

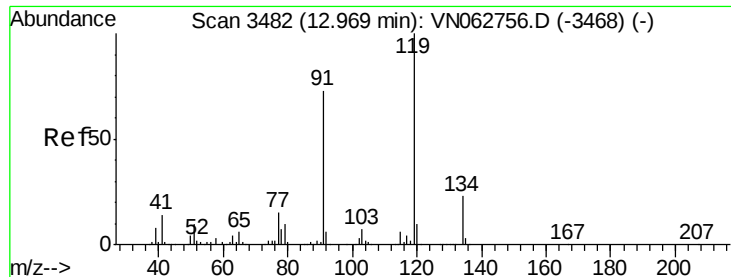
Tot Ion: 75 Resp: 18697
Ion Ratio Lower Upper
75 100
53 95.1 79.1 118.7
89 48.9 36.2 54.2



#82
4-Chlorotoluene
Concen: 18.883 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion: 91 Resp: 129007
Ion Ratio Lower Upper
91 100
126 29.5 15.3 45.9

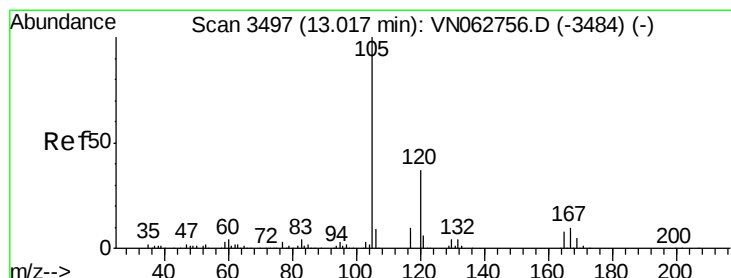
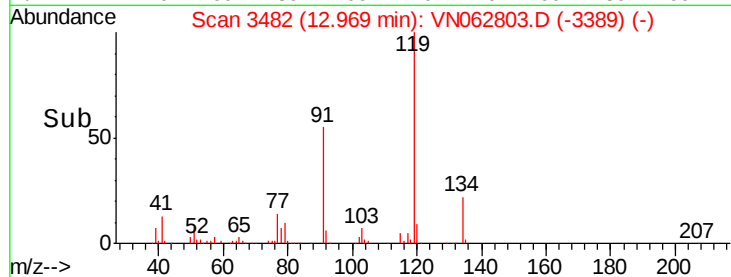
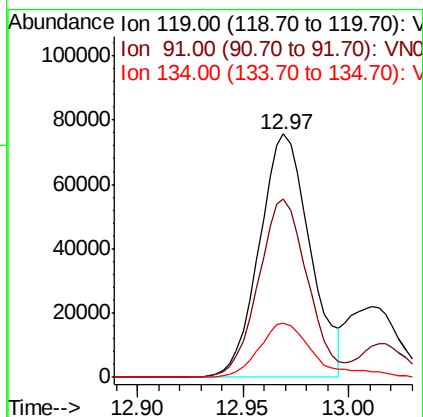
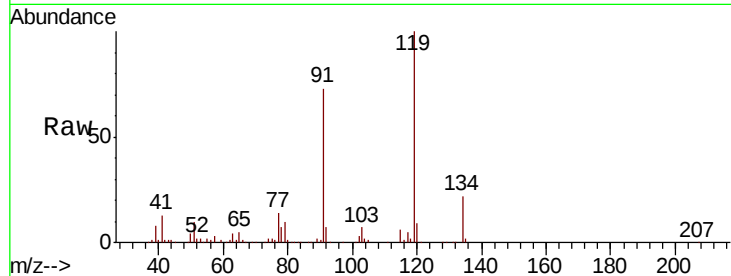




#83
 tert-Butylbenzene
 Concen: 19.130 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

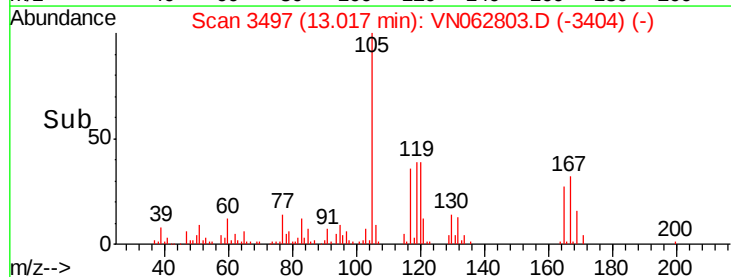
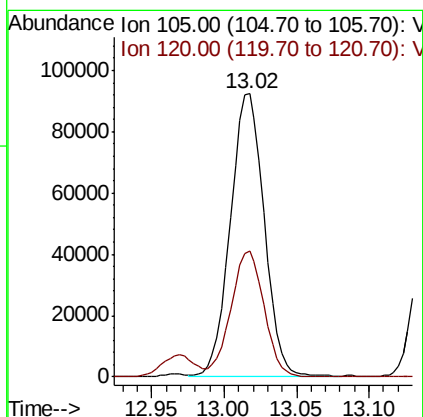
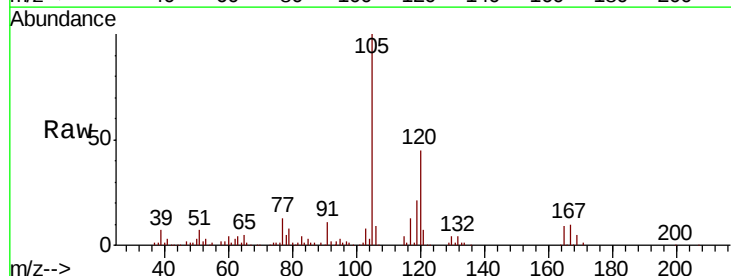
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

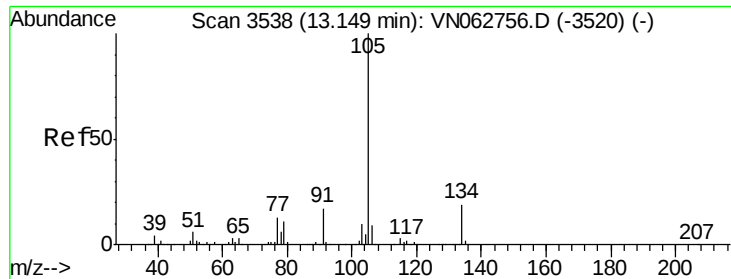
Tot Ion:119 Resp: 126477
 Ion Ratio Lower Upper
 119 100
 91 71.3 36.5 109.5
 134 24.3 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.850 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Tgt Ion:105 Resp: 148378
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.4 64.2





#85

sec-Butylbenzene

Concen: 19.054 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampled :

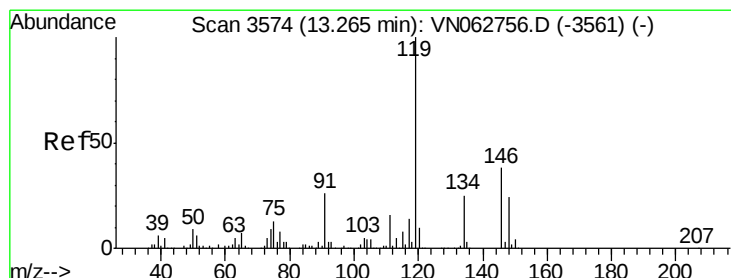
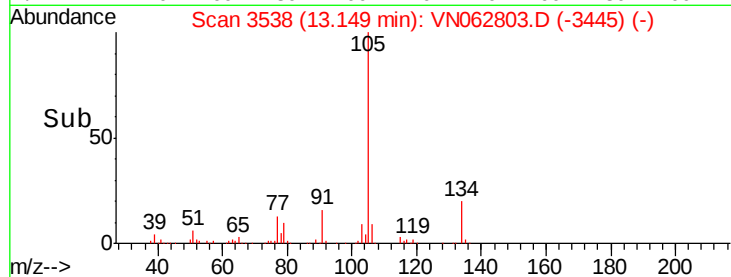
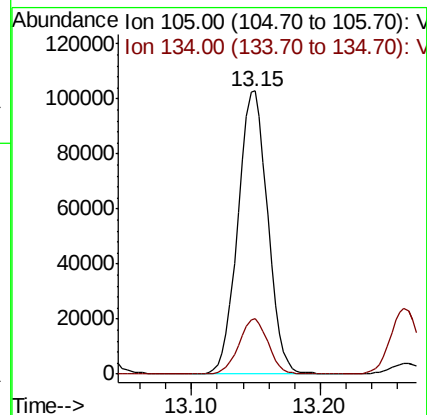
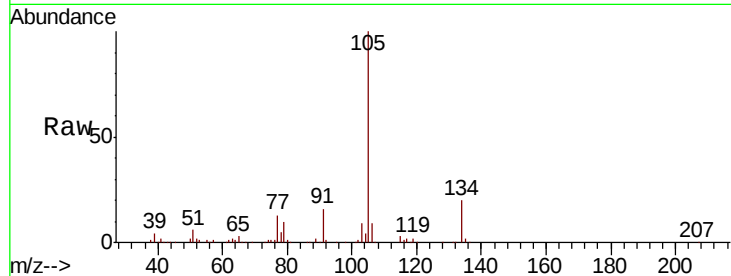
VN0810WBS01

Tot Ion:105 Resp: 165431

Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.6



#86

p-Isopropyltoluene

Concen: 19.462 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

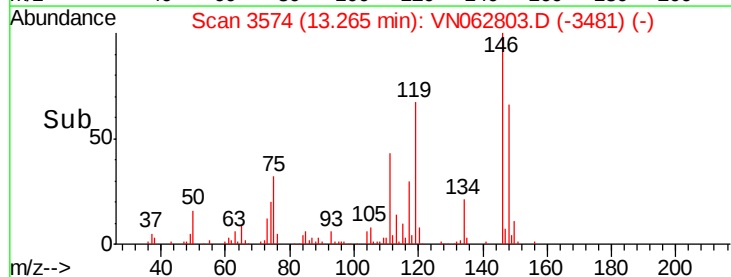
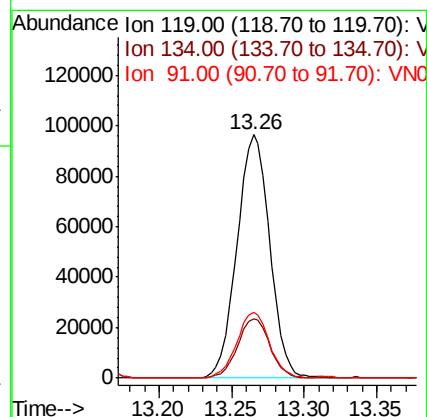
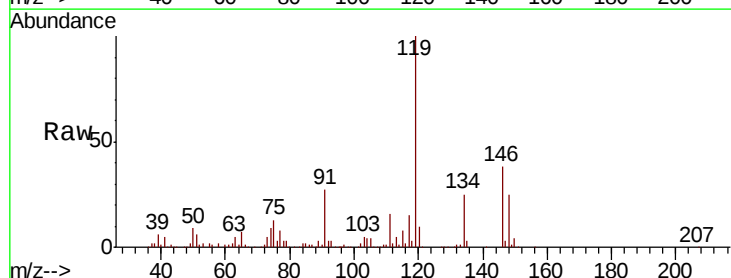
Tgt Ion:119 Resp: 149984

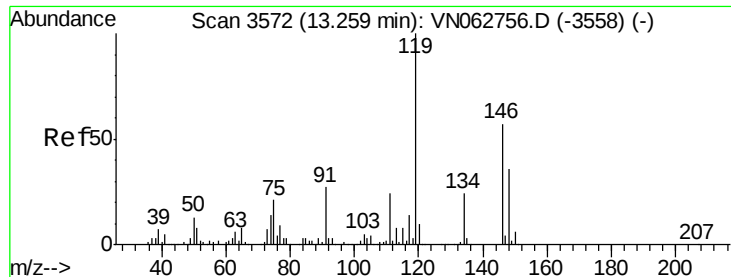
Ion Ratio Lower Upper

119 100

134 24.2 12.6 37.8

91 26.7 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 18.182 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBS01

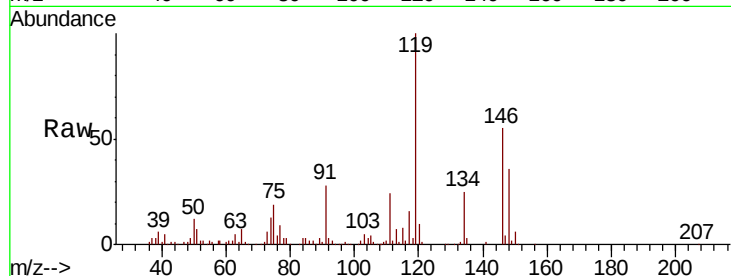
Tot Ion:146 Resp: 72687

Ion Ratio Lower Upper

146 100

111 44.9 21.7 65.1

148 64.4 31.4 94.2

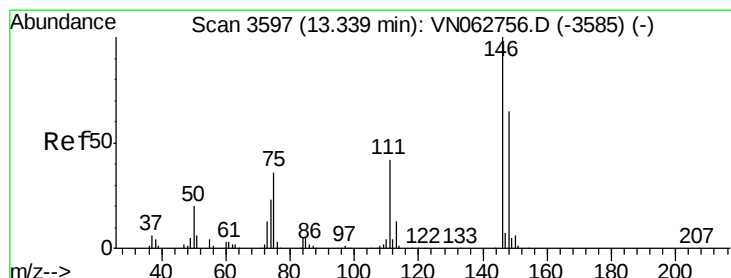
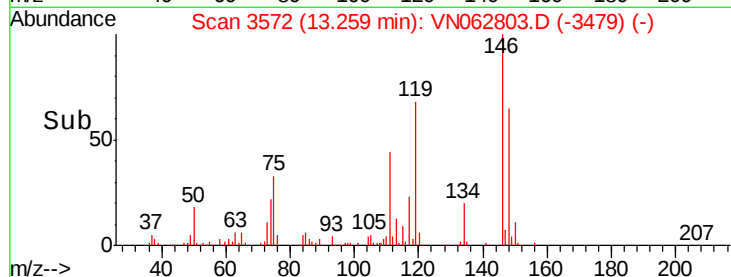
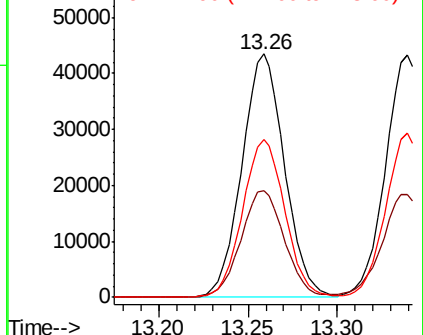


Abundance

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



#88

1,4-Dichlorobenzene

Concen: 17.671 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

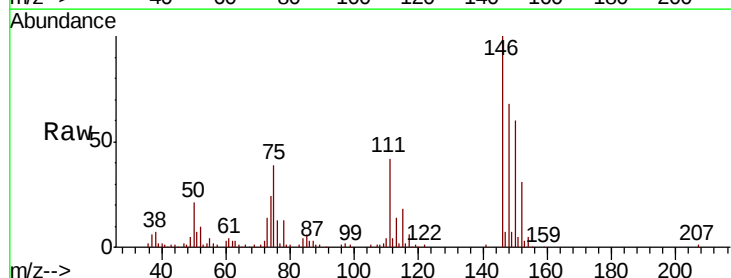
Tgt Ion:146 Resp: 70854

Ion Ratio Lower Upper

146 100

111 46.7 21.6 64.6

148 67.7 32.6 97.8

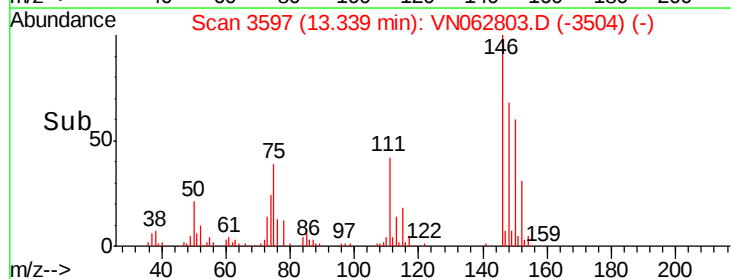
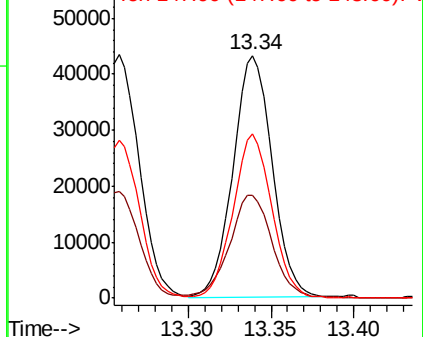


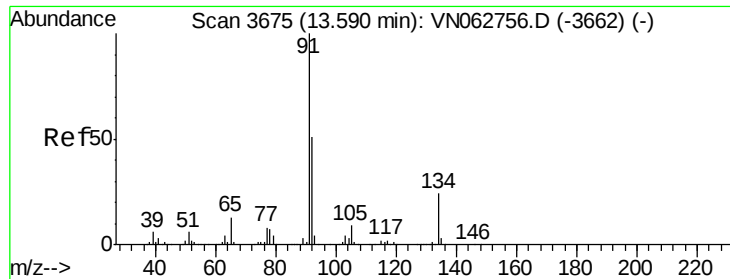
Abundance

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





#89

n-Butylbenzene

Concen: 19.340 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062803.D

Acq: 10 Aug 2020 12:44

Instrument :

MSVOA_N

ClientSampled :

VN0810WBS01

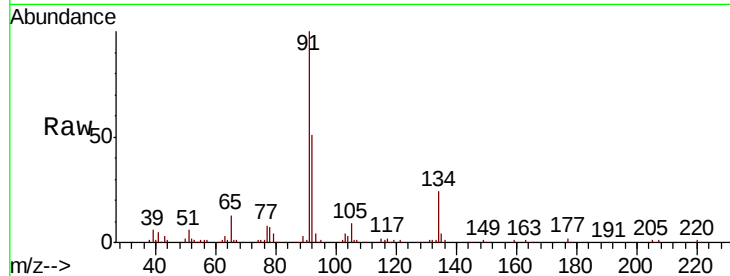
Tot Ion: 91 Resp: 126051

Ion Ratio Lower Upper

91 100

92 50.7 25.7 77.0

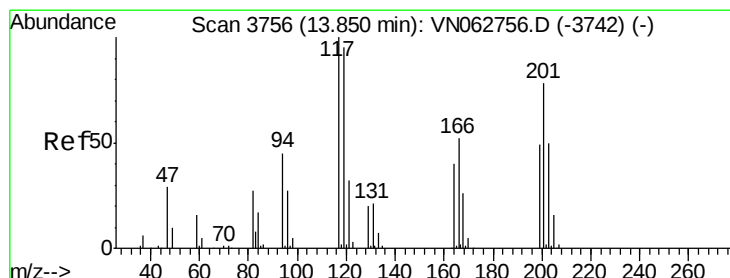
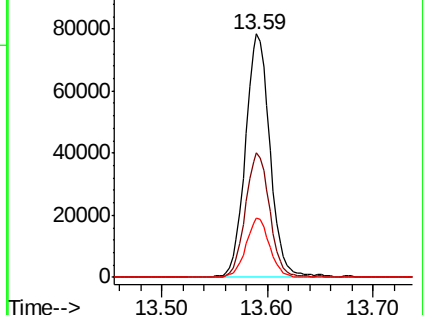
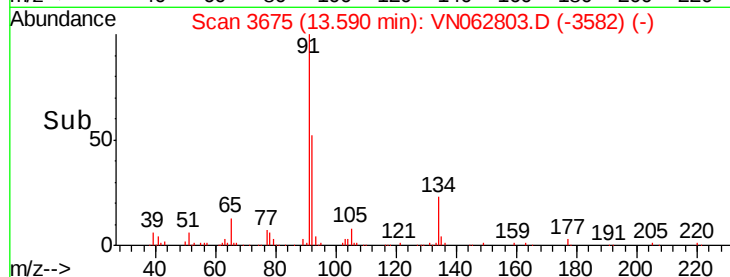
134 23.6 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3662) (-)

Ion 92.00 (91.70 to 92.70): VN062756.D (-3662) (-)

Ion 134.00 (133.70 to 134.70): VN062756.D (-3662) (-)



#90

Hexachloroethane

Concen: 16.951 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062803.D

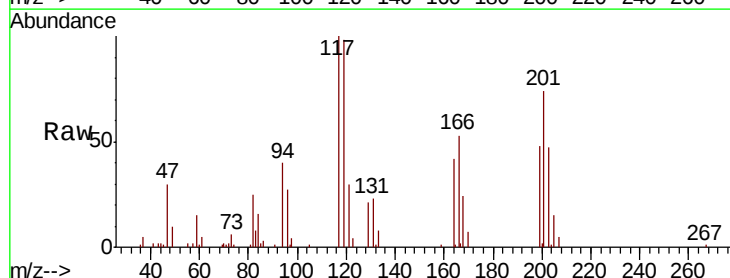
Acq: 10 Aug 2020 12:44

Tgt Ion: 117 Resp: 28159

Ion Ratio Lower Upper

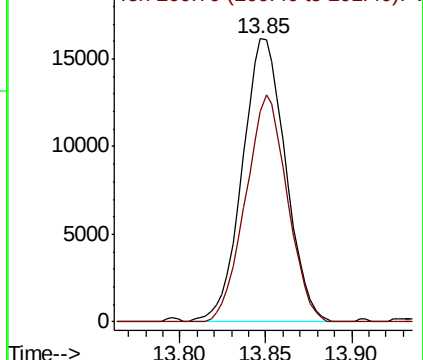
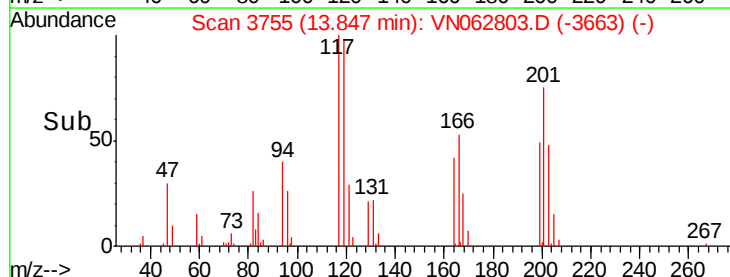
117 100

201 77.2 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062756.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062756.D (-3742) (-)

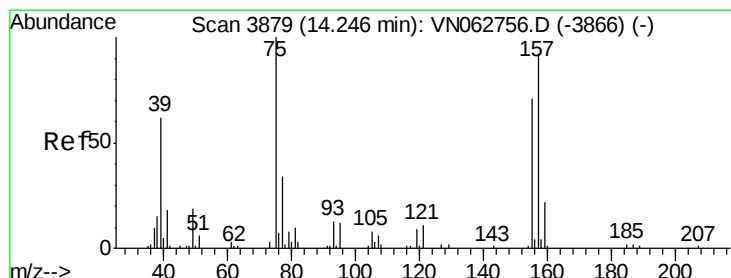
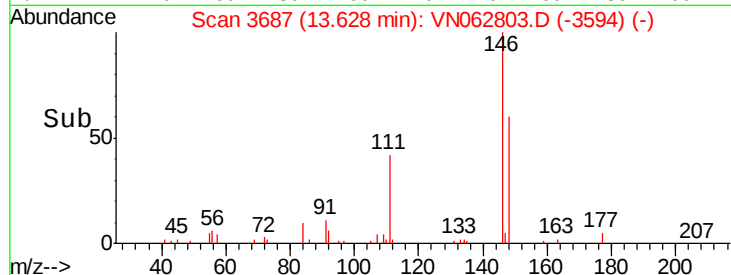
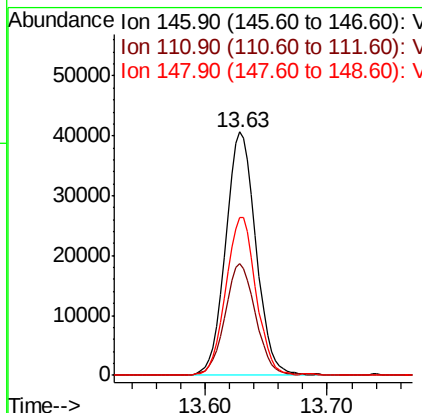
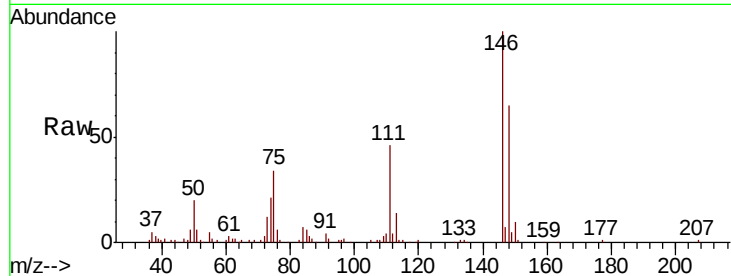




#91
 1,2-Dichlorobenzene
 Concen: 18.863 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

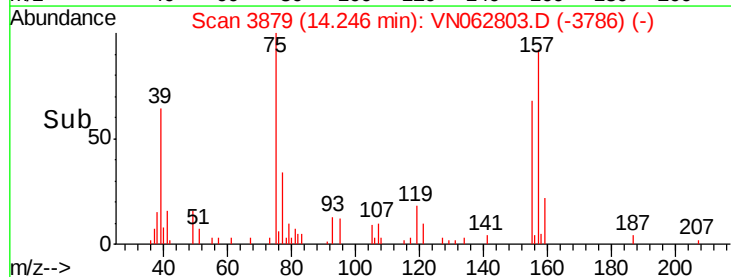
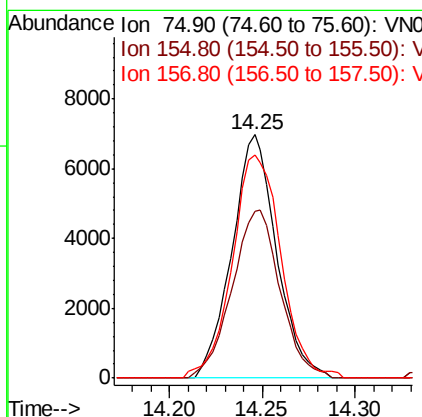
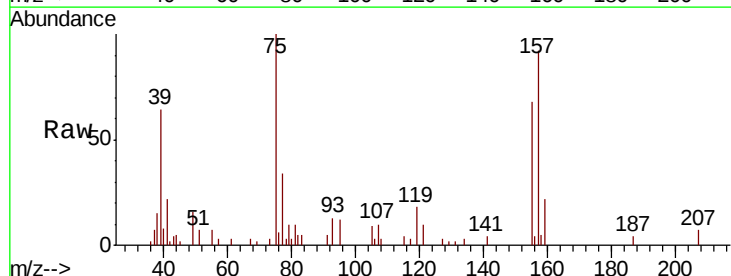
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

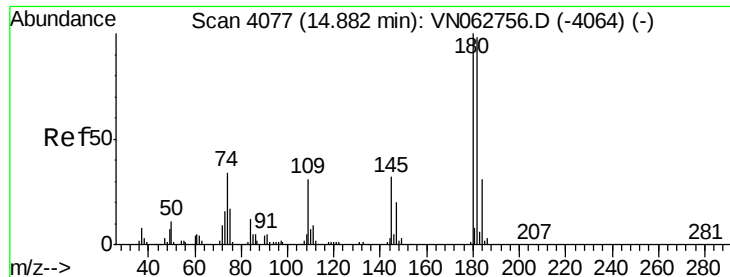
Tot Ion:146 Resp: 70698
 Ion Ratio Lower Upper
 146 100
 111 46.1 22.8 68.4
 148 64.4 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.090 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Tgt Ion: 75 Resp: 11632
 Ion Ratio Lower Upper
 75 100
 155 74.3 35.0 105.1
 157 100.3 43.2 129.6

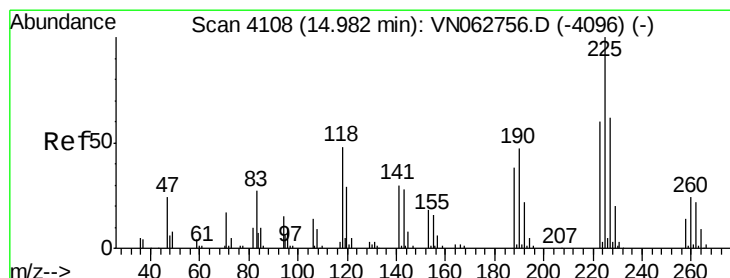
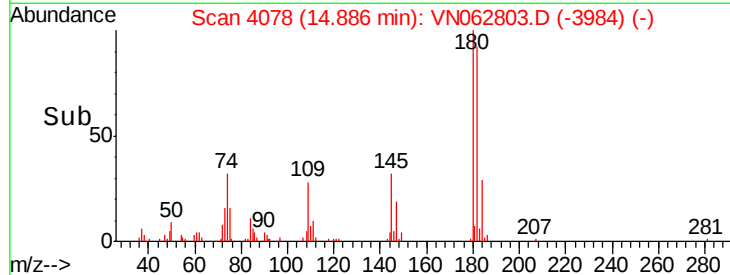
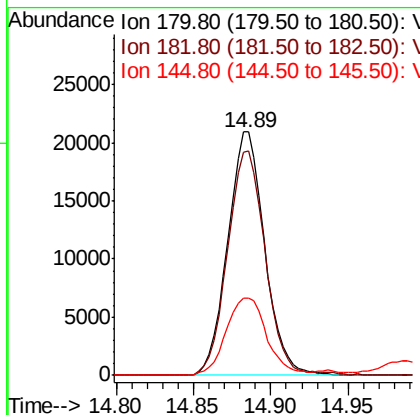
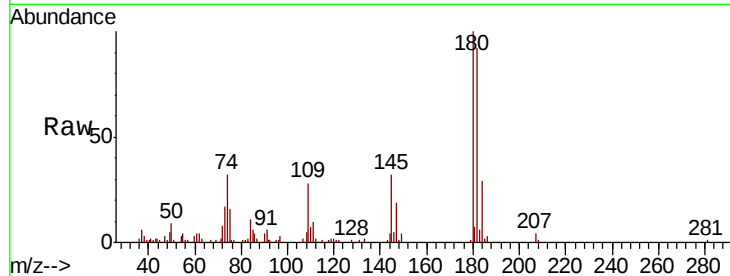




#93
 1,2,4-Trichlorobenzene
 Concen: 19.382 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

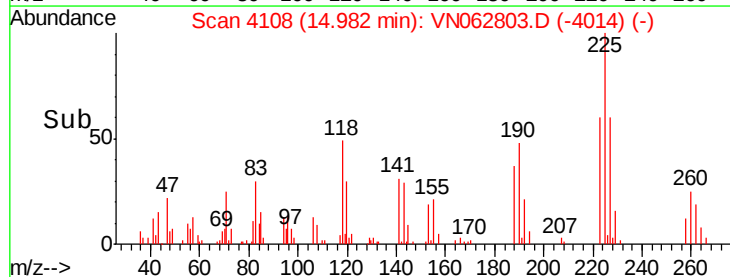
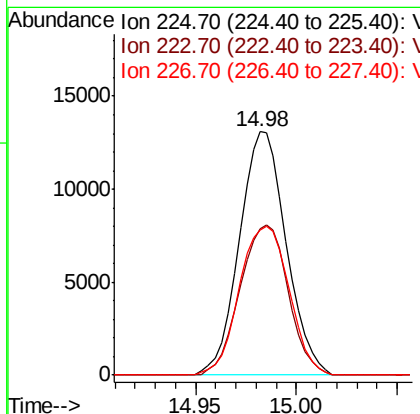
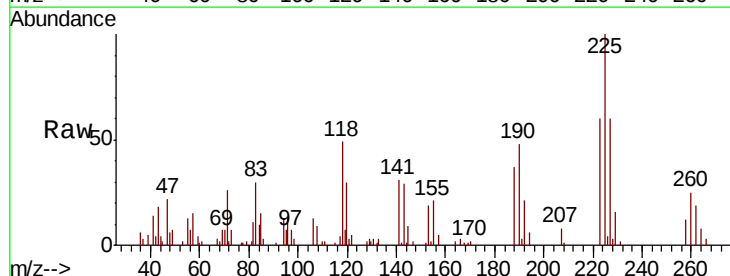
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

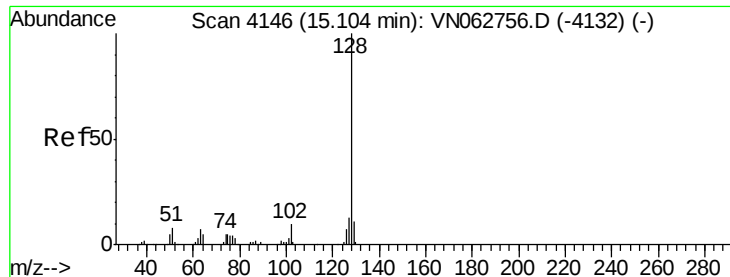
Tot Ion:180 Resp: 34626
 Ion Ratio Lower Upper
 180 100
 182 93.7 49.1 147.4
 145 35.1 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 16.995 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062803.D
 Acq: 10 Aug 2020 12:44

Tgt Ion:225 Resp: 21253
 Ion Ratio Lower Upper
 225 100
 223 63.5 30.6 92.0
 227 65.0 31.6 95.0

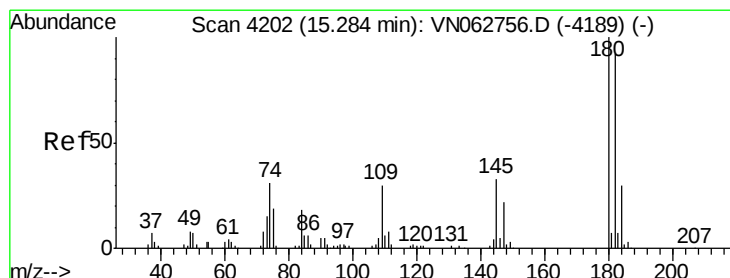
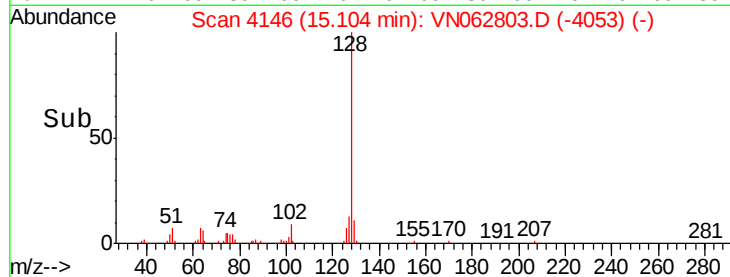
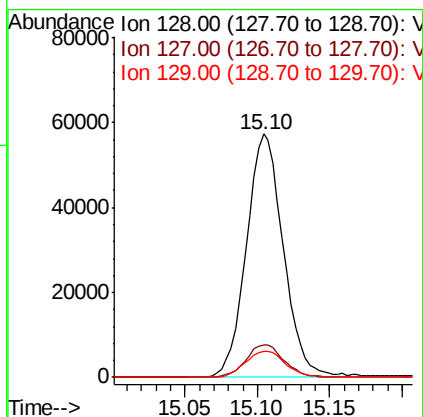
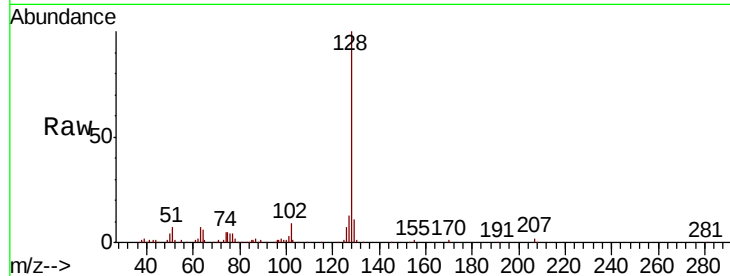




#95
Naphthalene
Concen: 20.796 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

Tot Ion:128 Resp: 101480
Ion Ratio Lower Upper
128 100
127 13.9 10.8 16.2
129 11.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.003 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062803.D
Acq: 10 Aug 2020 12:44

Tgt Ion:180 Resp: 36232
Ion Ratio Lower Upper
180 100
182 93.7 47.9 143.6
145 35.3 17.3 51.7

