

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
 Data File : VN062728.D
 Acq On : 3 Aug 2020 12:07
 Operator : JC/MD
 Sample : VN0803WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBS01

Quant Time: Aug 04 03:26:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	145450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	237883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	223105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104330	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	126171	55.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.68%	
35) Dibromofluoromethane	7.55	113	84117	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
50) Toluene-d8	10.06	98	320242	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.38	95	120601	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	32612	18.797	ug/l	98
3) Chloromethane	2.03	50	34763	14.773	ug/l	99
4) Vinyl Chloride	2.16	62	34147	16.739	ug/l	97
5) Bromomethane	2.52	94	21668	23.982	ug/l	98
6) Chloroethane	2.66	64	20526	22.244	ug/l	96
7) Trichlorofluoromethane	2.98	101	59685	24.920	ug/l	99
8) Diethyl Ether	3.37	74	21659	19.338	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.71	101	31311	20.390	ug/l	97
10) Methyl Iodide	3.91	142	35353	18.008	ug/l	94
11) Tert butyl alcohol	4.73	59	33429	93.003	ug/l	98
12) 1,1-Dichloroethene	3.69	96	30028	19.281	ug/l	97
13) Acrolein	3.57	56	15686	48.869	ug/l	99
14) Allyl chloride	4.27	41	57830	17.166	ug/l	94
15) Acrylonitrile	4.93	53	87967	91.370	ug/l	99
16) Acetone	3.77	43	83663	98.396	ug/l	95
17) Carbon Disulfide	4.00	76	86277	16.861	ug/l	97
18) Methyl Acetate	4.28	43	44154	20.513	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	116880	20.390	ug/l	96
20) Methylene Chloride	4.50	84	35997	17.652	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	32721	18.930	ug/l	96
22) Diisopropyl ether	5.90	45	120132	17.940	ug/l	94
23) Vinyl Acetate	5.84	43	492199	89.706	ug/l	97
24) 1,1-Dichloroethane	5.80	63	68470	18.988	ug/l	99
25) 2-Butanone	6.78	43	118479	91.495	ug/l	96
26) 2,2-Dichloropropane	6.77	77	64085	21.649	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	37764	19.146	ug/l	99
28) Bromochloromethane	7.15	49	31327	17.653	ug/l	91
29) Tetrahydrofuran	7.16	42	74166	84.643	ug/l	91
30) Chloroform	7.33	83	71336	20.807	ug/l	94
31) Cyclohexane	7.61	56	57064	17.140	ug/l	# 92
32) 1,1,1-Trichloroethane	7.53	97	65142	22.757	ug/l	98
36) 1,1-Dichloropropene	7.75	75	51137	20.168	ug/l	99
37) Ethyl Acetate	6.88	43	49003	17.929	ug/l	97
38) Carbon Tetrachloride	7.73	117	57517	23.599	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
 Data File : VN062728.D
 Acq On : 3 Aug 2020 12:07
 Operator : JC/MD
 Sample : VN0803WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBS01

Quant Time: Aug 04 03:26:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	53680	19.667	ug/l	98
40) Benzene	8.00	78	146317	19.061	ug/l	99
41) Methacrylonitrile	7.12	41	18695	15.959	ug/l	92
42) 1,2-Dichloroethane	8.08	62	62808	22.380	ug/l	97
43) Isopropyl Acetate	8.12	43	82145	18.643	ug/l	99
44) Trichloroethene	8.80	130	35236	20.355	ug/l	95
45) 1,2-Dichloropropane	9.08	63	39942	18.532	ug/l	95
46) Dibromomethane	9.17	93	25810	20.719	ug/l	99
47) Bromodichloromethane	9.37	83	57534	21.319	ug/l	98
48) Methyl methacrylate	9.17	41	39868	19.034	ug/l	97
49) 1,4-Dioxane	9.16	88	12528	389.436	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	247418	93.848	ug/l	98
52) Toluene	10.12	92	90727	20.354	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	62856	20.922	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	64914	20.136	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	35806	20.709	ug/l	98
56) Ethyl methacrylate	10.40	69	55538	19.025	ug/l	97
57) 1,3-Dichloropropane	10.68	76	63549	20.063	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	77549	94.039	ug/l	95
59) 2-Hexanone	10.72	43	178628	89.532	ug/l	99
60) Dibromochloromethane	10.87	129	42169	21.862	ug/l	99
61) 1,2-Dibromoethane	10.98	107	36350	20.190	ug/l	98
64) Tetrachloroethene	10.60	164	30313	20.912	ug/l	95
65) Chlorobenzene	11.40	112	93454	19.981	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	37590	21.363	ug/l	96
67) Ethyl Benzene	11.48	91	172090	20.067	ug/l	98
68) m/p-Xylenes	11.59	106	127785	41.457	ug/l	100
69) o-Xylene	11.92	106	60701	20.738	ug/l	96
70) Styrene	11.94	104	104313	21.097	ug/l	98
71) Bromoform	12.10	173	28388	21.488	ug/l #	97
73) Isopropylbenzene	12.22	105	171452	20.783	ug/l	99
74) N-amyl acetate	12.04	43	66901	18.159	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	53728	18.742	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	72961	27.475	ug/l #	100
77) Bromobenzene	12.50	156	38913	19.628	ug/l	95
78) n-propylbenzene	12.56	91	197946	20.485	ug/l	99
79) 2-Chlorotoluene	12.65	91	121557	20.412	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	150244	21.956	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	18044	18.915	ug/l	91
82) 4-Chlorotoluene	12.75	91	124393	20.068	ug/l	100
83) tert-Butylbenzene	12.97	119	124658	21.939	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	143929	21.441	ug/l	98
85) sec-Butylbenzene	13.15	105	163449	21.486	ug/l	100
86) p-Isopropyltoluene	13.26	119	147576	22.556	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	69749	20.049	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	71211	20.793	ug/l	98
89) n-Butylbenzene	13.59	91	117427	20.888	ug/l	99
90) Hexachloroethane	13.85	117	27754	19.927	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	67048	20.155	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11359	21.824	ug/l	93

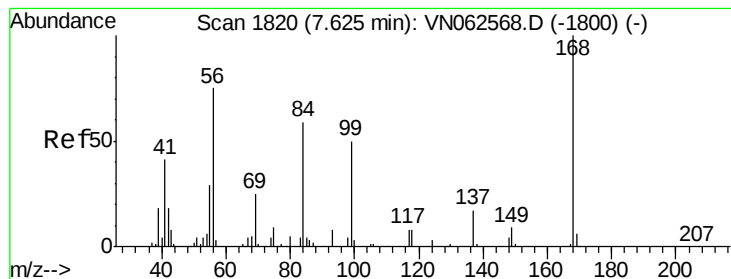
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
Data File : VN062728.D
Acq On : 3 Aug 2020 12:07
Operator : JC/MD
Sample : VN0803WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBS01

Quant Time: Aug 04 03:26:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	30372	19.390	ug/l	98
94) Hexachlorobutadiene	14.98	225	23044	25.392	ug/l	98
95) Naphthalene	15.10	128	75079	18.726	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	29843	19.036	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampled :

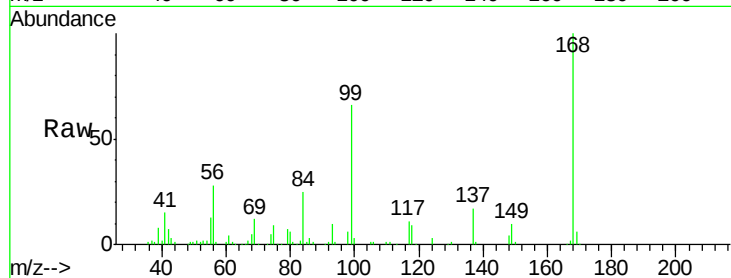
VN0803WBS01

Tot Ion:168 Resp: 145450

Ion Ratio Lower Upper

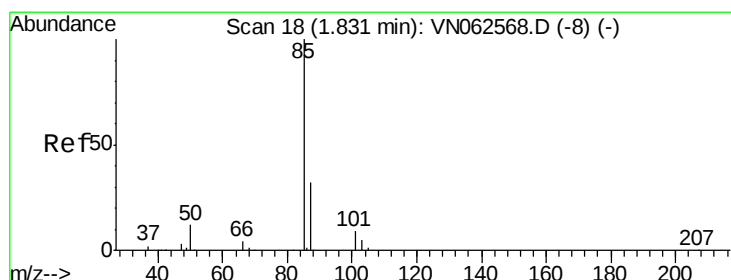
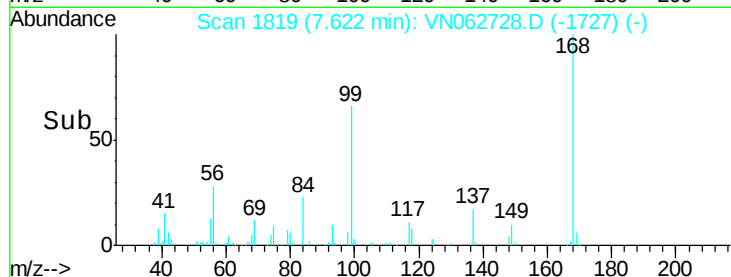
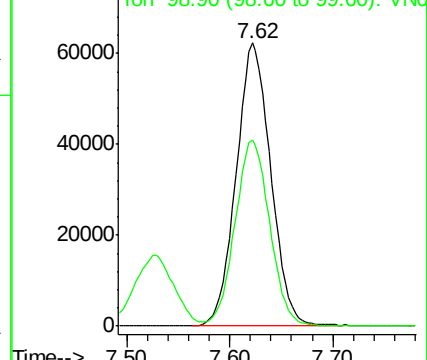
168 100

99 65.5 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.797 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062728.D

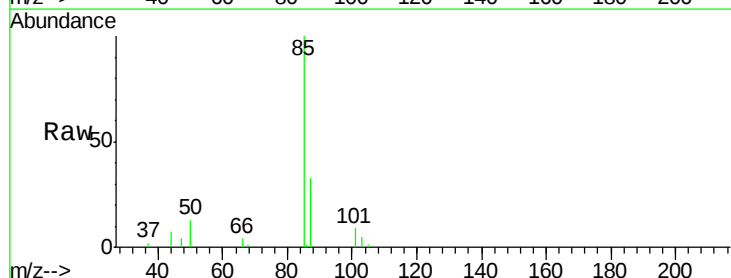
Acq: 3 Aug 2020 12:07

Tgt Ion: 85 Resp: 32612

Ion Ratio Lower Upper

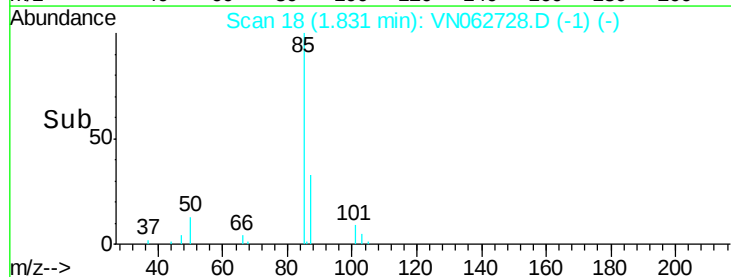
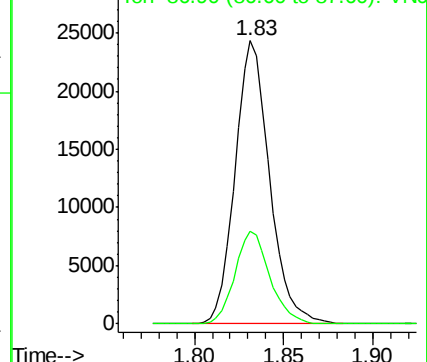
85 100

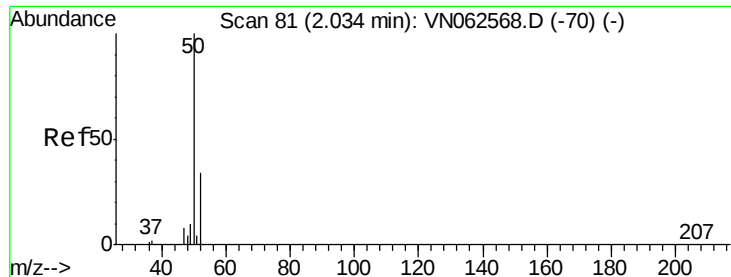
87 32.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 14.773 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampled :

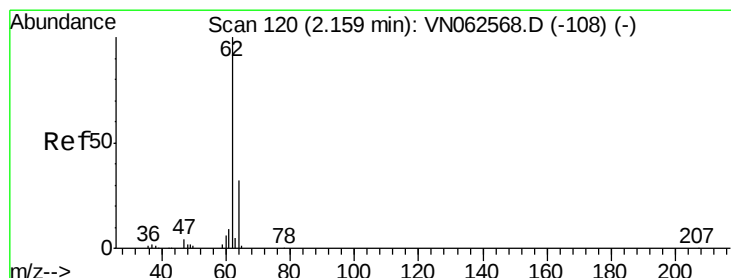
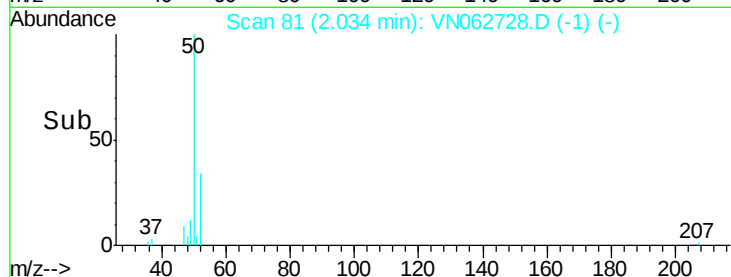
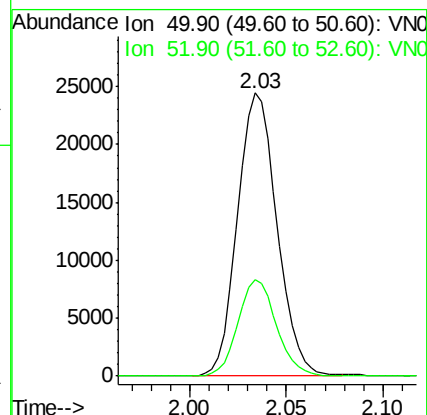
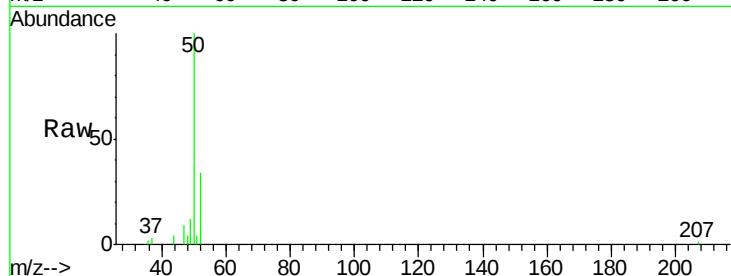
VN0803WBS01

Tot Ion: 50 Resp: 34763

Ion Ratio Lower Upper

50 100

52 34.1 27.0 40.4



#4

Vinyl Chloride

Concen: 16.739 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062728.D

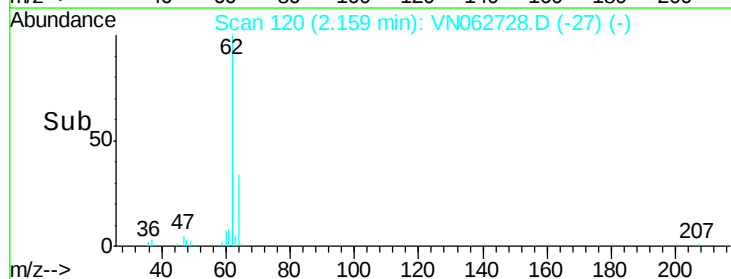
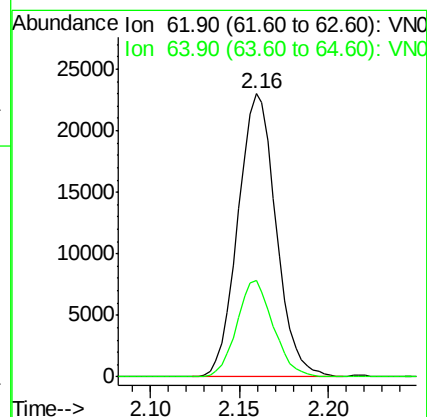
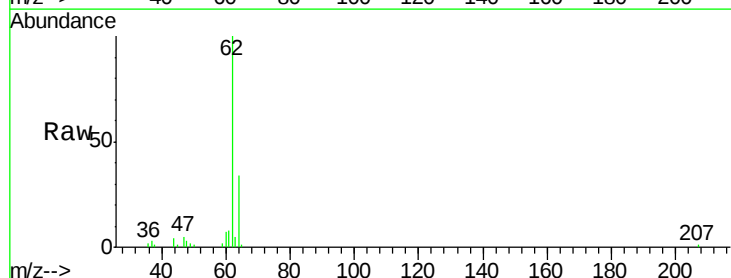
Acq: 3 Aug 2020 12:07

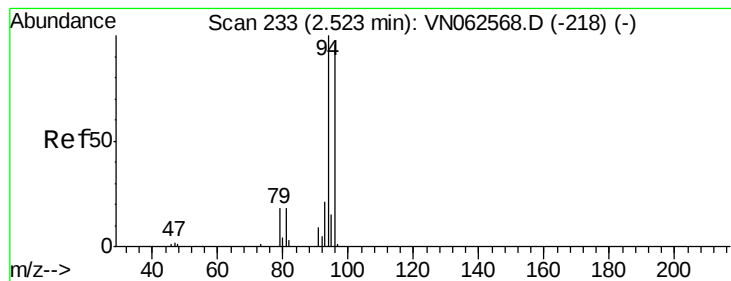
Tgt Ion: 62 Resp: 34147

Ion Ratio Lower Upper

62 100

64 33.9 25.8 38.8





#5

Bromomethane

Concen: 23.982 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampleId :

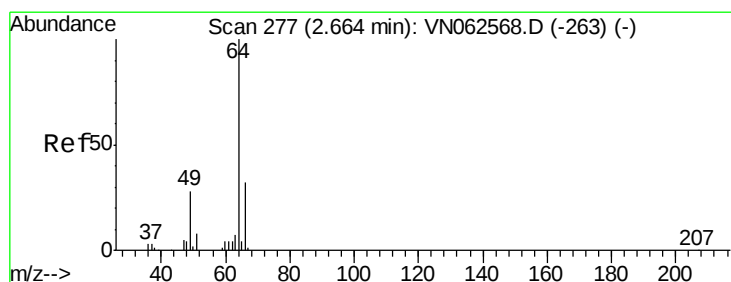
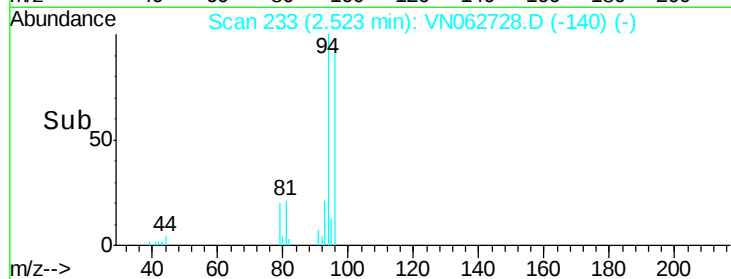
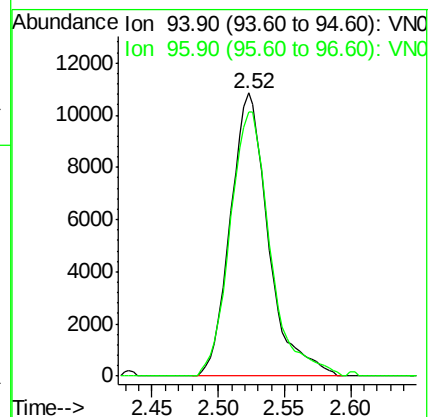
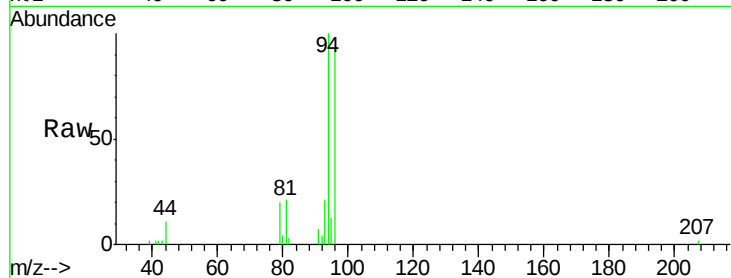
VN0803WBS01

Tot Ion: 94 Resp: 21668

Ion Ratio Lower Upper

94 100

96 93.4 76.6 114.8



#6

Chloroethane

Concen: 22.244 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062728.D

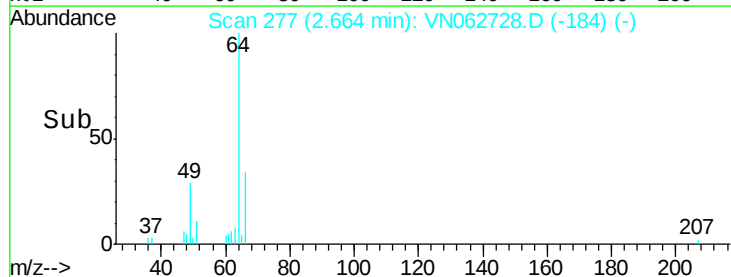
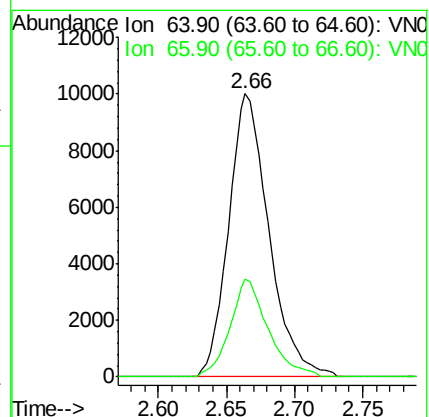
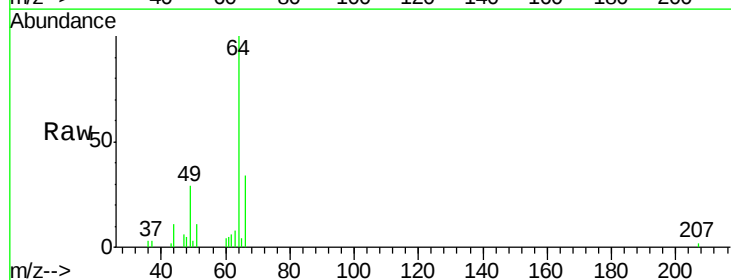
Acq: 3 Aug 2020 12:07

Tgt Ion: 64 Resp: 20526

Ion Ratio Lower Upper

64 100

66 34.4 25.8 38.8



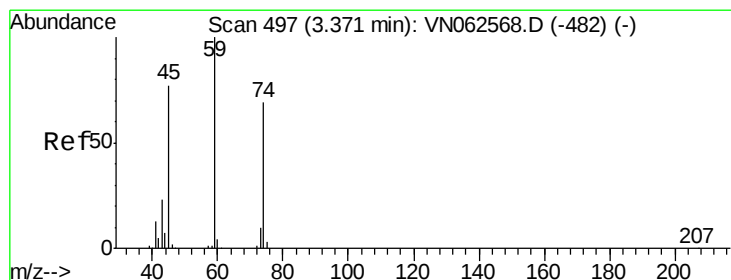
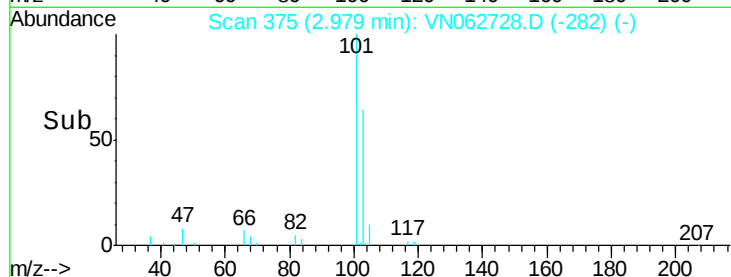
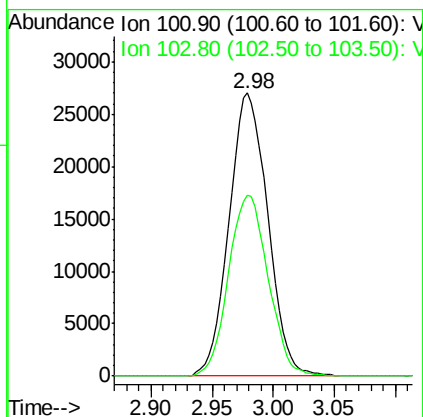
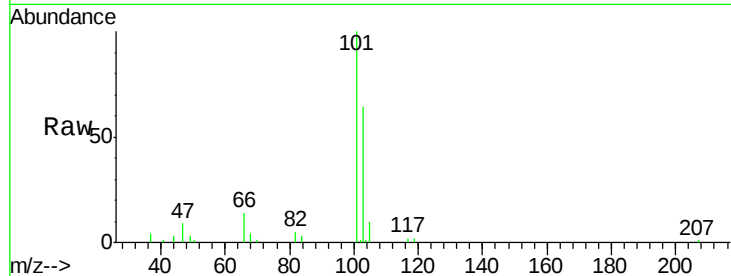


#7

Trichlorofluoromethane
 Concen: 24.920 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBS01

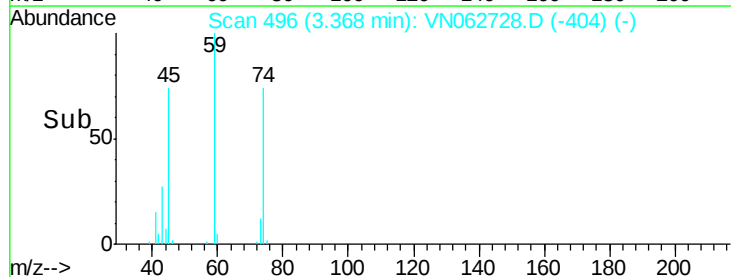
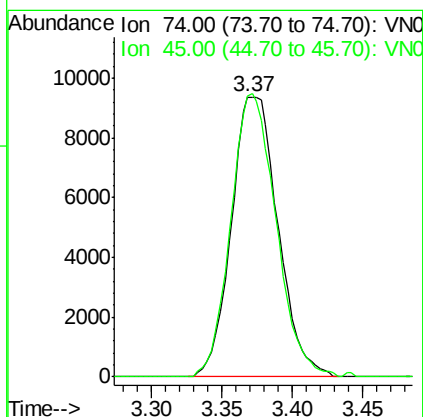
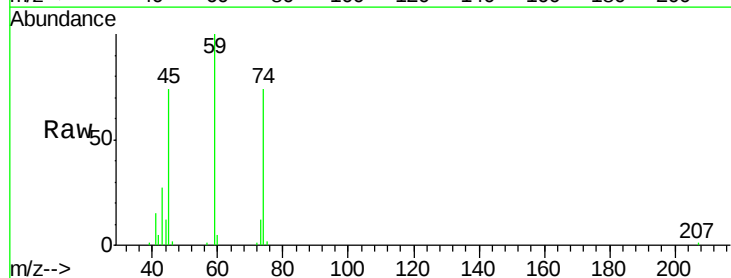
Tot Ion:101 Resp: 59685
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.5 77.3

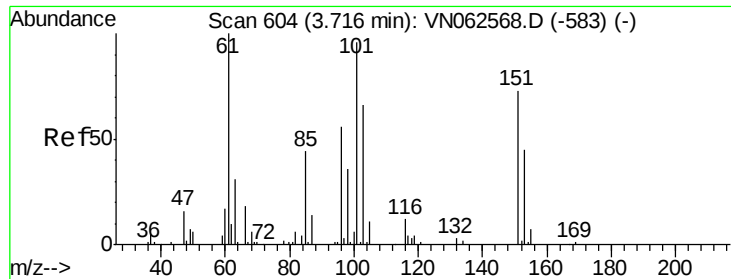


#8

Diethyl Ether
 Concen: 19.338 ug/l
 RT: 3.37 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

Tgt Ion: 74 Resp: 21659
 Ion Ratio Lower Upper
 74 100
 45 98.2 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.390 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampled :

VN0803WBS01

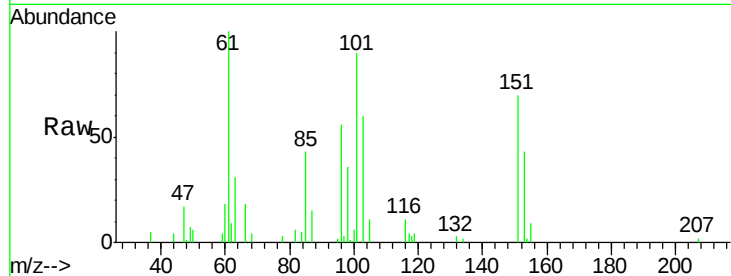
Tot Ion:101 Resp: 31311

Ion Ratio Lower Upper

101 100

85 48.7 36.0 54.0

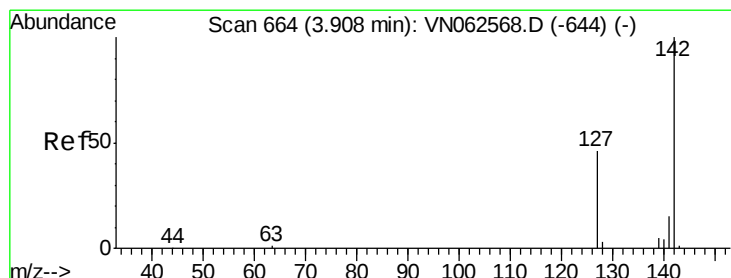
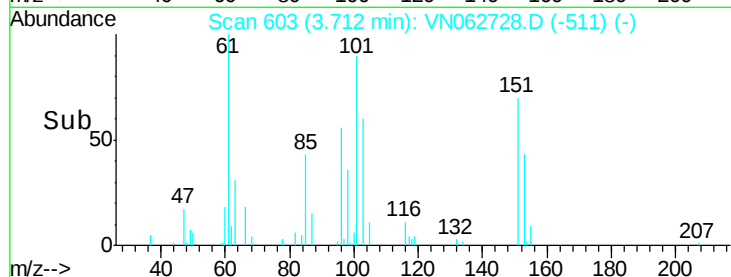
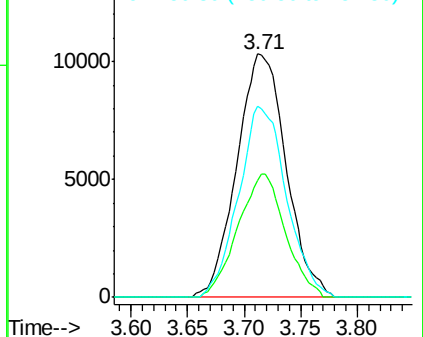
151 76.4 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.008 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

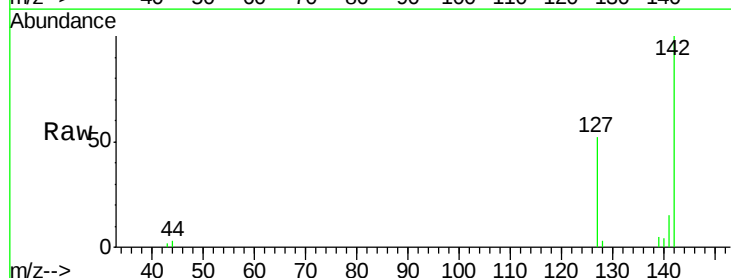
Tgt Ion:142 Resp: 35353

Ion Ratio Lower Upper

142 100

127 52.0 37.4 56.0

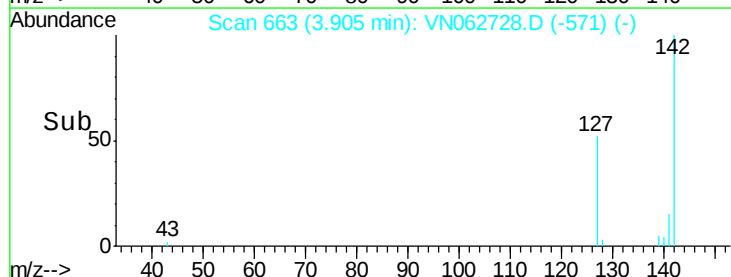
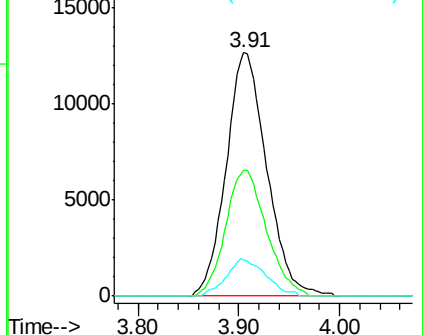
141 14.9 11.9 17.9

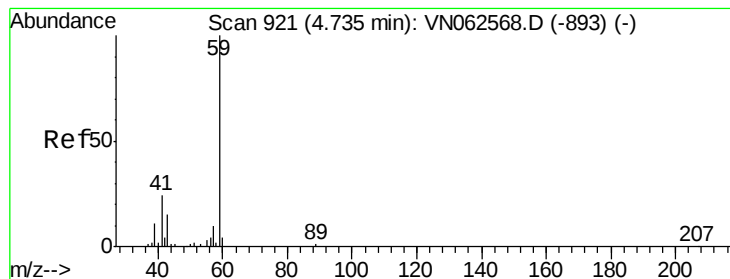


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 93.003 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampleId :

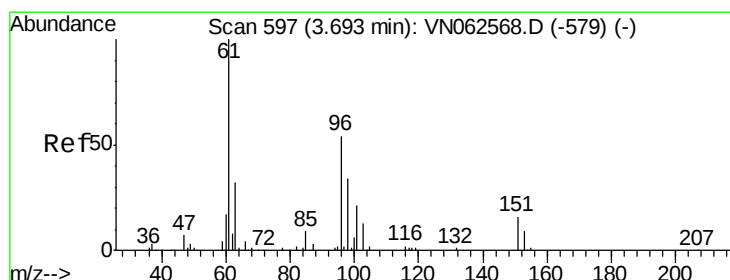
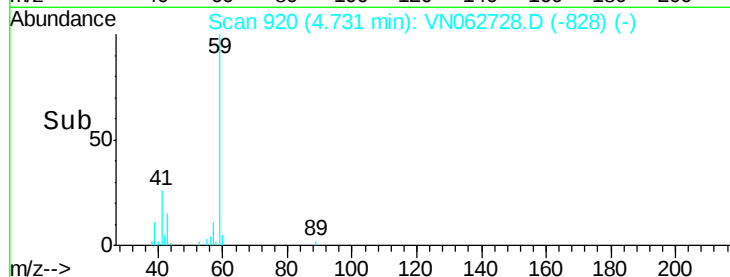
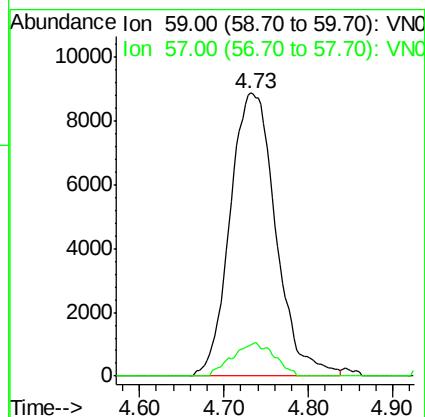
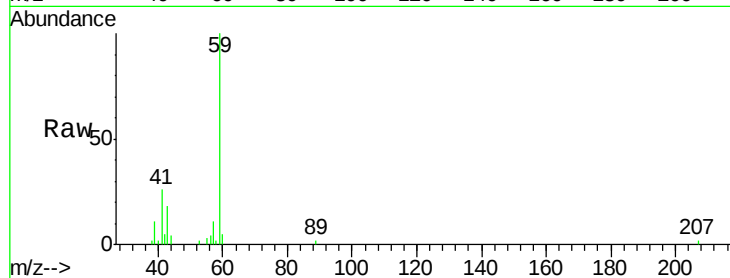
VN0803WBS01

Tot Ion: 59 Resp: 33429

Ion Ratio Lower Upper

59 100

57 10.8 8.2 12.2



#12

1,1-Dichloroethene

Concen: 19.281 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

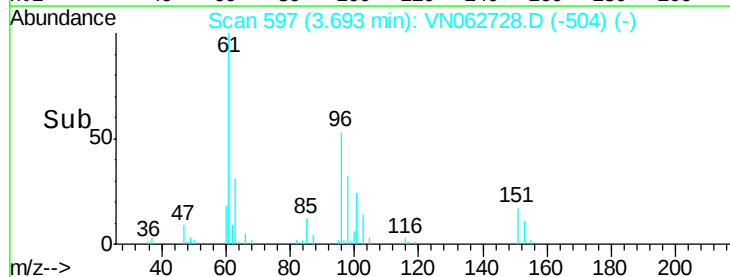
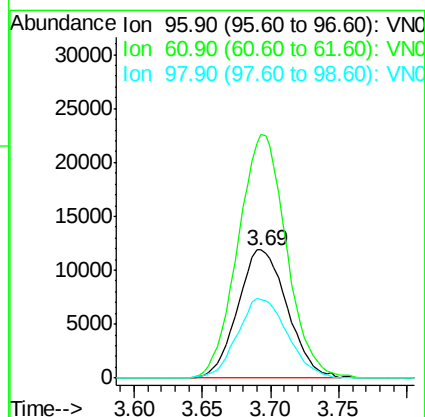
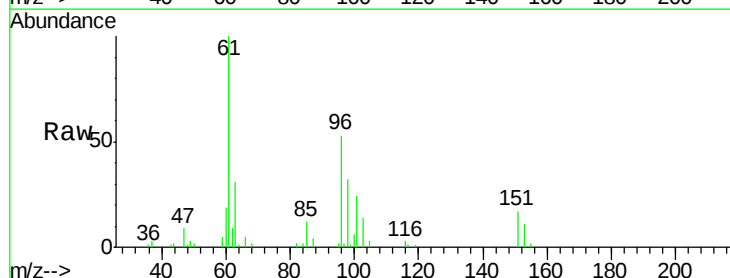
Tgt Ion: 96 Resp: 30028

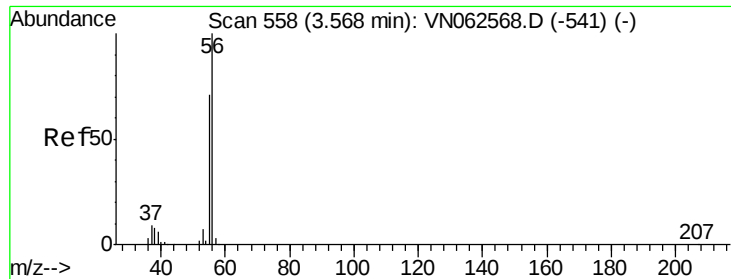
Ion Ratio Lower Upper

96 100

61 189.8 148.6 222.8

98 61.6 50.6 75.8





#13

Acrolein

Concen: 48.869 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampleId :

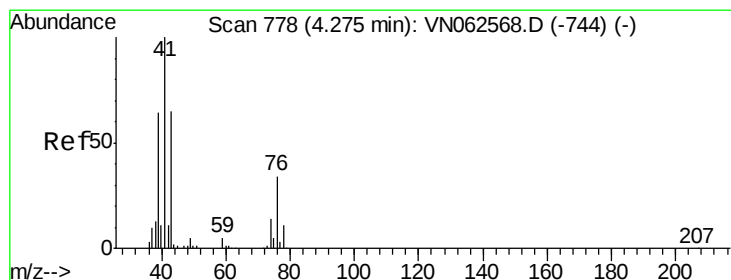
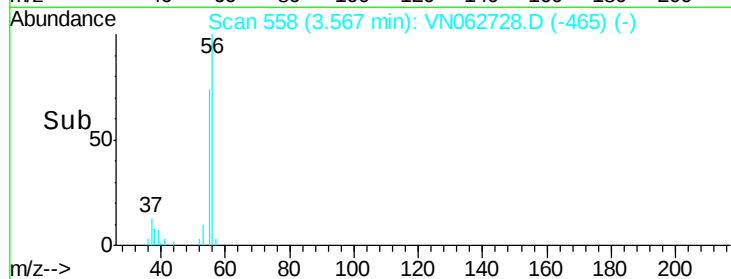
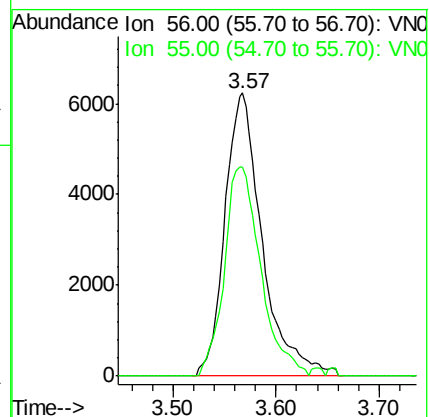
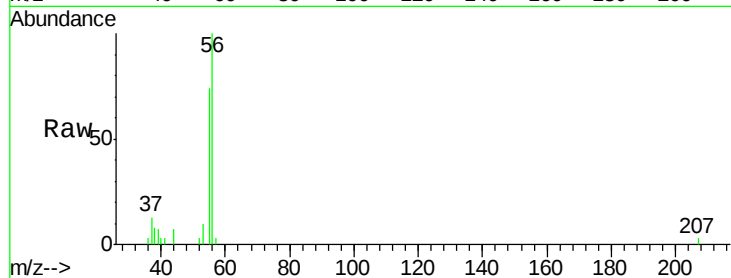
VN0803WBS01

Tot Ion: 56 Resp: 15686

Ion Ratio Lower Upper

56 100

55 72.2 57.0 85.4



#14

Allyl chloride

Concen: 17.166 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

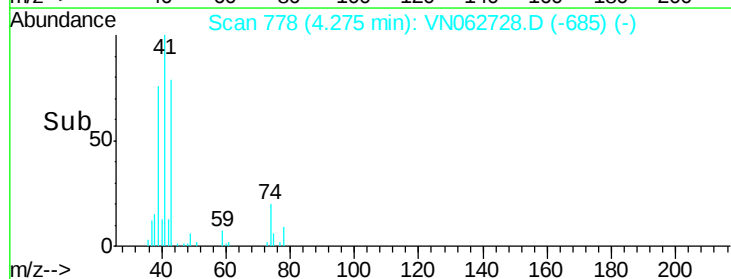
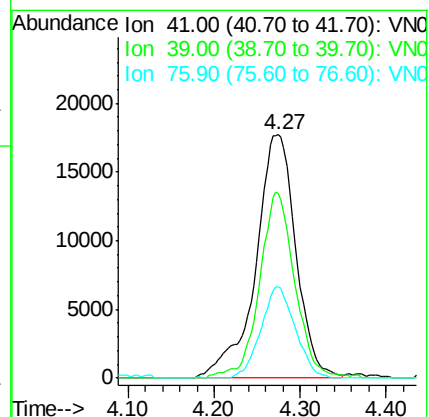
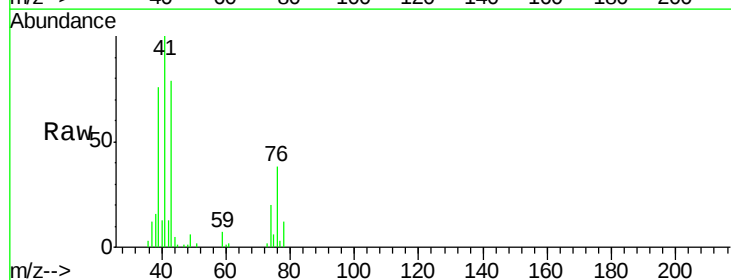
Tgt Ion: 41 Resp: 57830

Ion Ratio Lower Upper

41 100

39 66.7 49.0 73.4

76 32.0 24.0 36.0





#15

Acrylonitrile

Concen: 91.370 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBS01

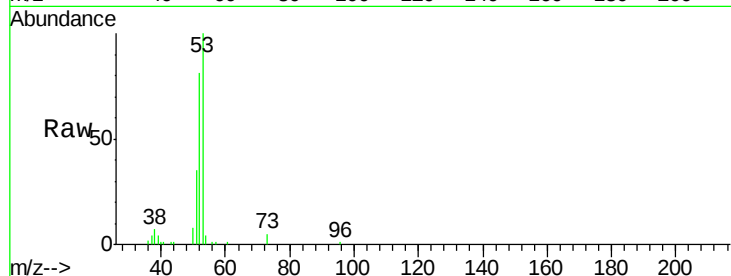
Tot Ion: 53 Resp: 87967

Ion Ratio Lower Upper

53 100

52 82.8 66.3 99.5

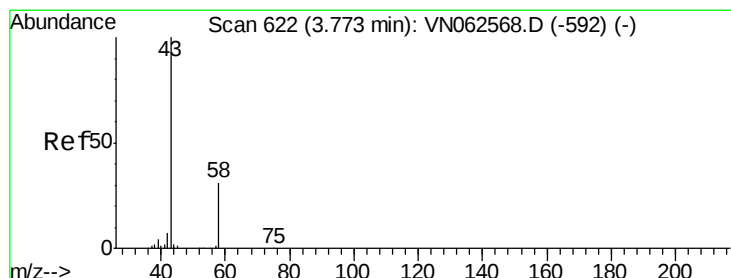
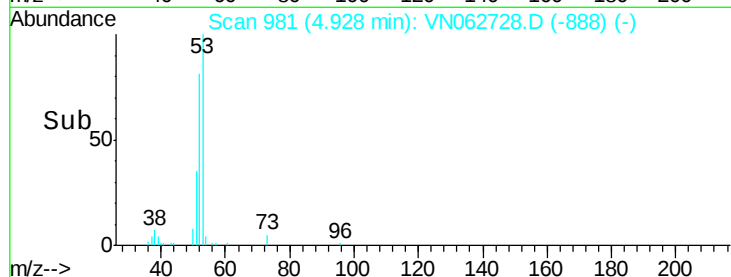
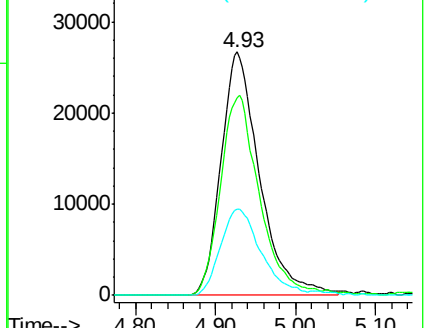
51 37.2 28.6 43.0



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: 98.396 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062728.D

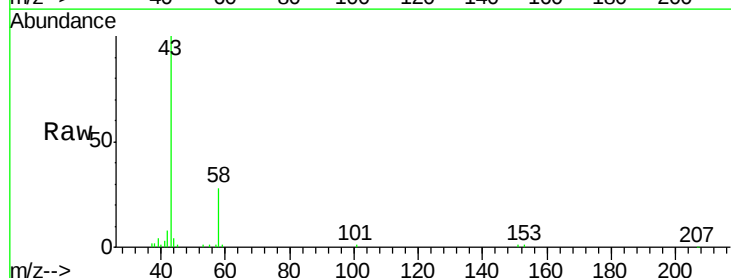
Acq: 3 Aug 2020 12:07

Tgt Ion: 43 Resp: 83663

Ion Ratio Lower Upper

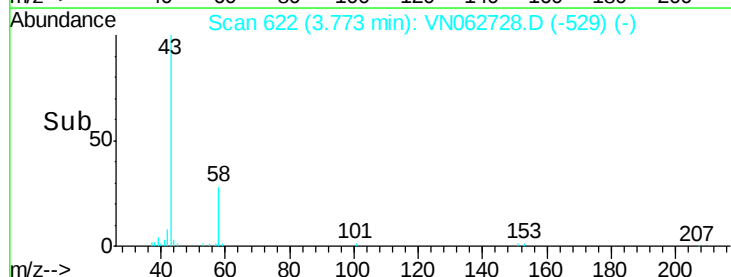
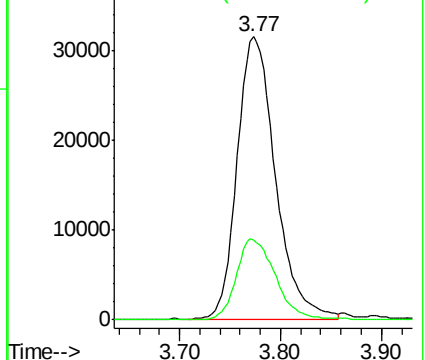
43 100

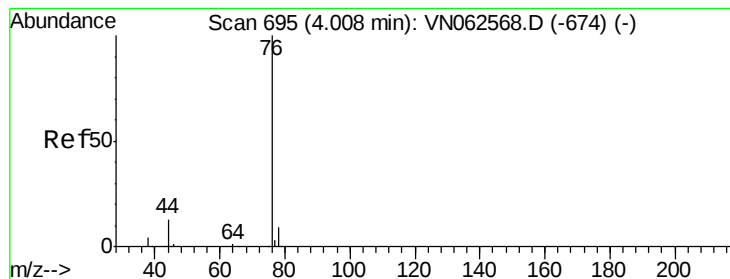
58 28.2 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 16.861 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampleId :

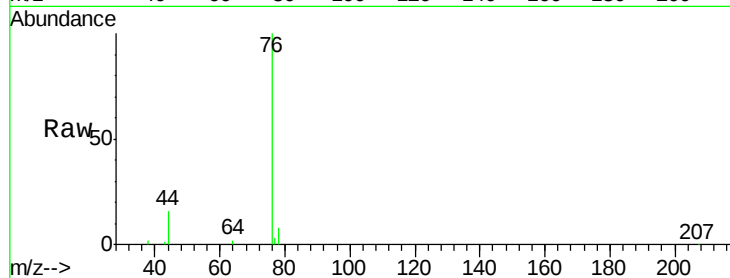
VN0803WBS01

Tot Ion: 76 Resp: 86277

Ion Ratio Lower Upper

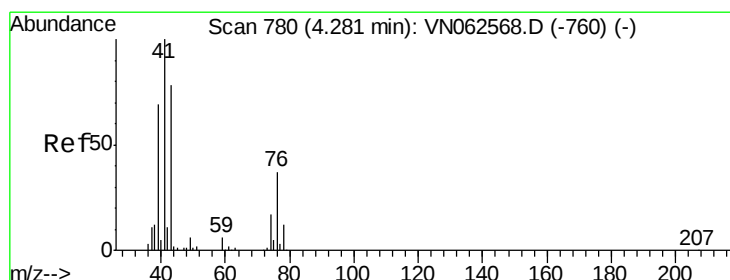
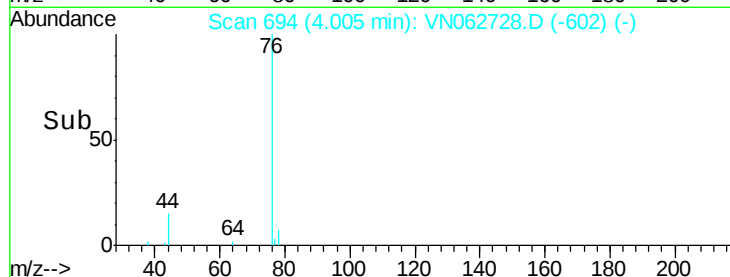
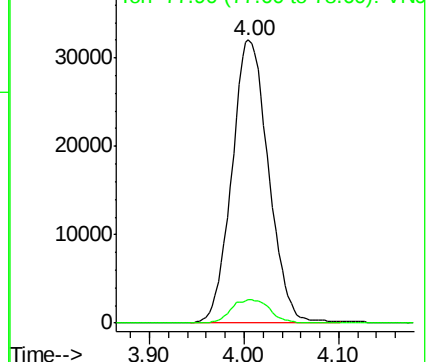
76 100

78 8.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 20.513 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.00 min

Lab File: VN062728.D

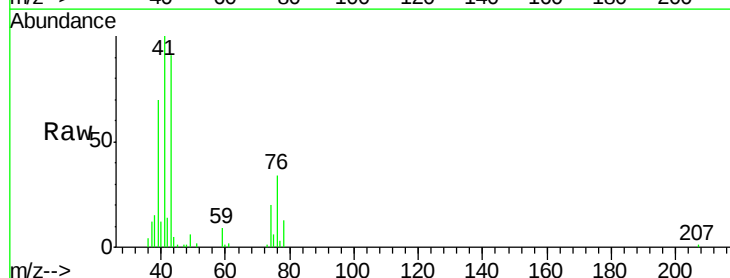
Acq: 3 Aug 2020 12:07

Tgt Ion: 43 Resp: 44154

Ion Ratio Lower Upper

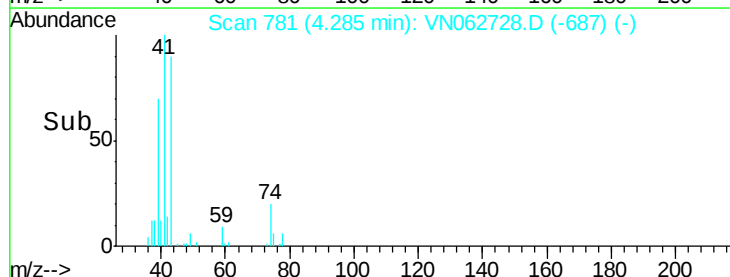
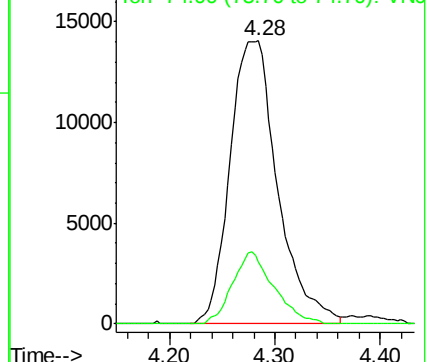
43 100

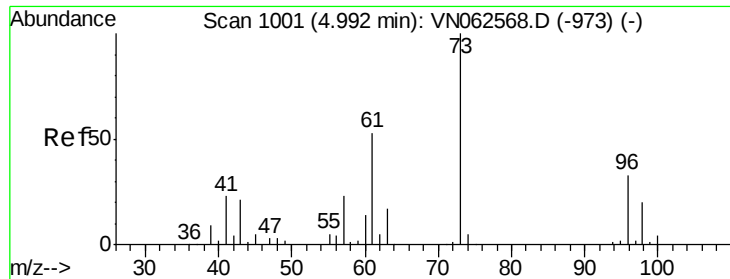
74 22.1 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

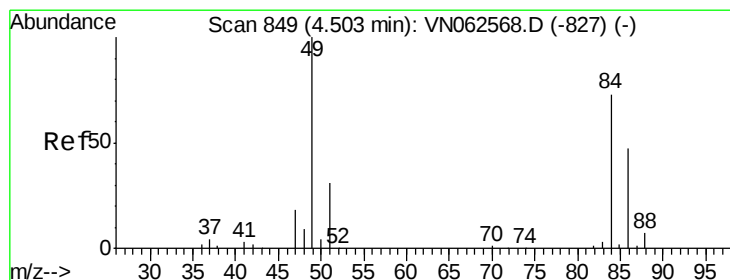
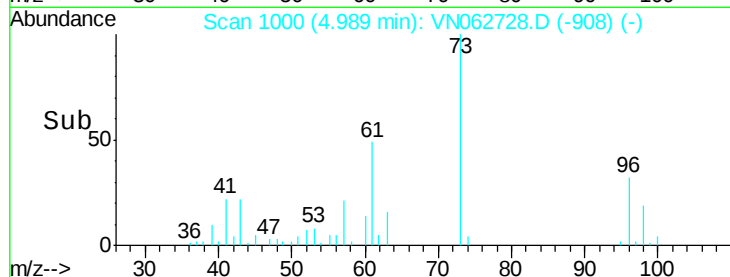
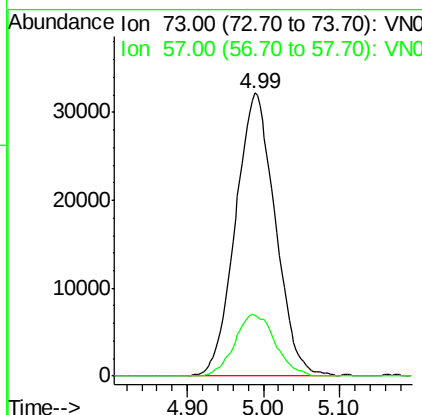
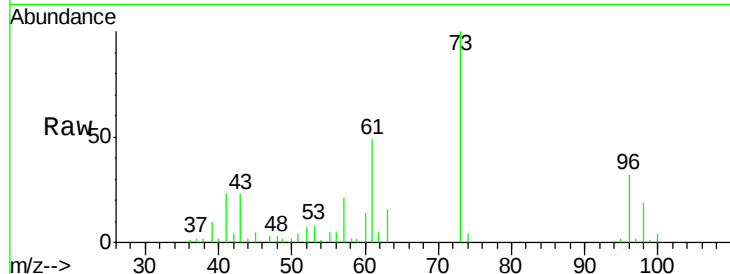




#19
Methvl tert-butvl Ether
Concen: 20.390 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

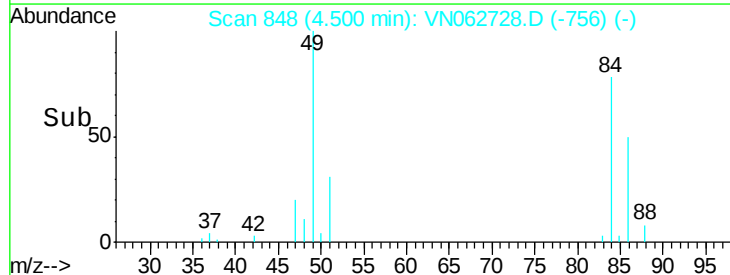
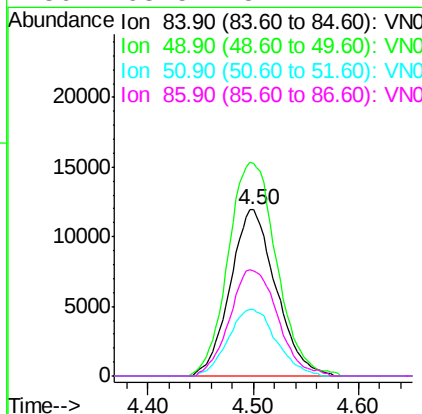
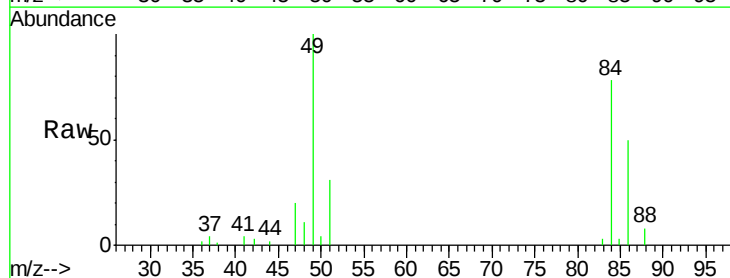
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBS01

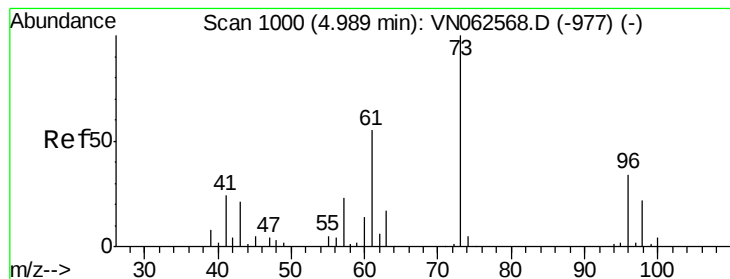
Tot Ion: 73 Resp: 116880
Ion Ratio Lower Upper
73 100
57 21.3 18.6 27.8



#20
Methylene Chloride
Concen: 17.652 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

Tgt Ion: 84 Resp: 35997
Ion Ratio Lower Upper
84 100
49 128.1 109.4 164.0
51 40.0 33.6 50.4
86 63.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 18.930 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampled :

VN0803WBS01

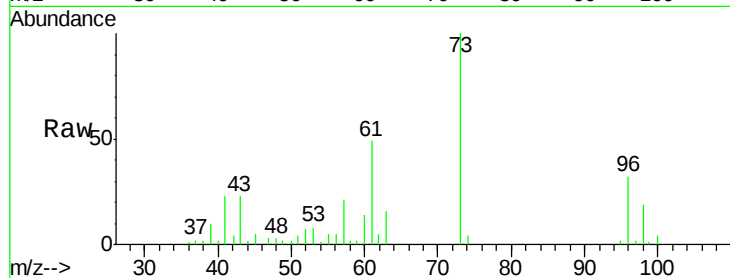
Tot Ion: 96 Resp: 32721

Ion Ratio Lower Upper

96 100

61 155.4 128.6 192.8

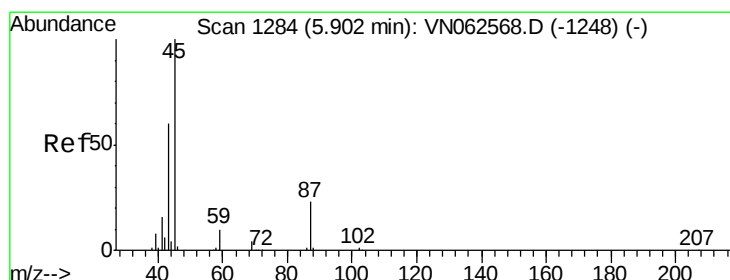
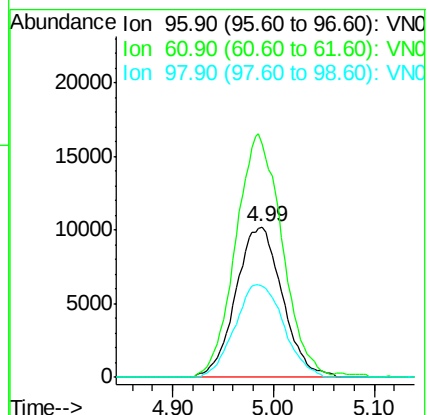
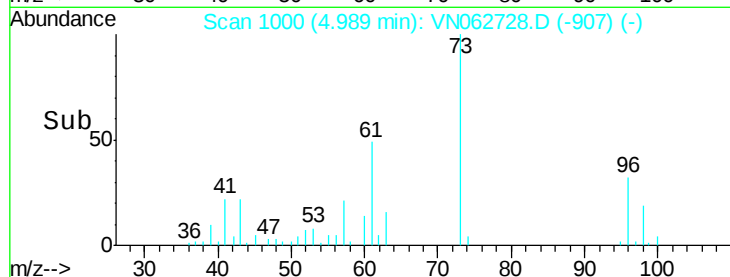
98 61.0 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 17.940 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Tgt Ion: 45 Resp: 120132

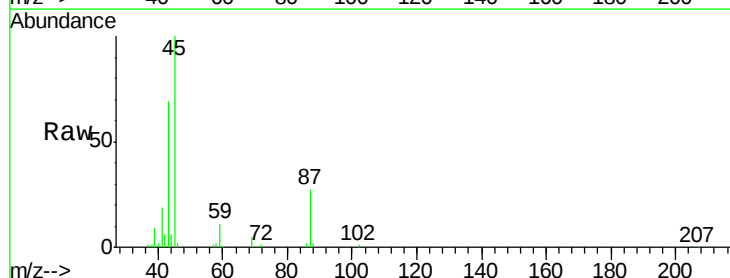
Ion Ratio Lower Upper

45 100

43 65.8 48.7 73.1

87 26.7 19.0 28.6

59 10.1 8.6 13.0

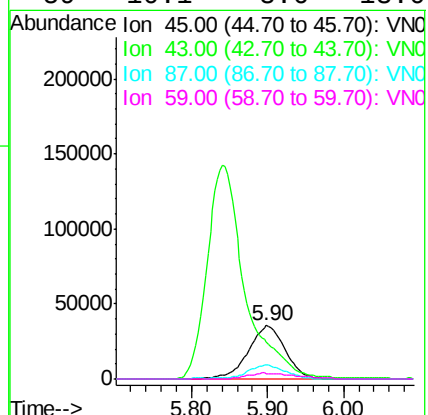
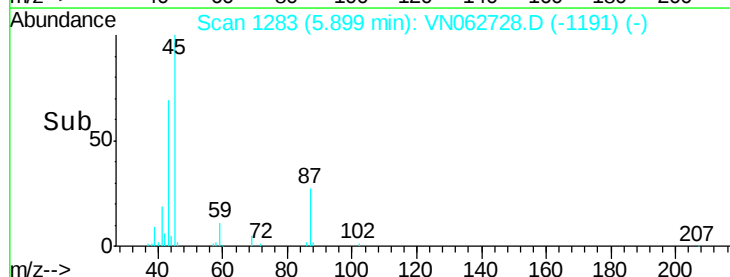


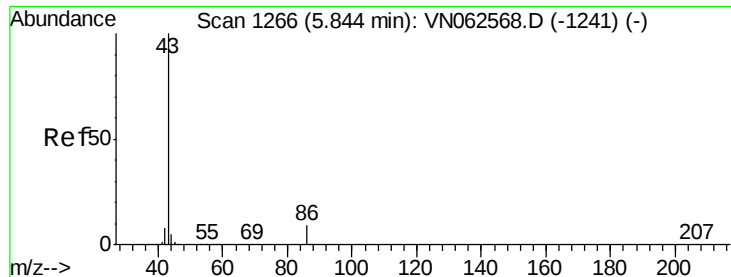
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 89.706 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampleId :

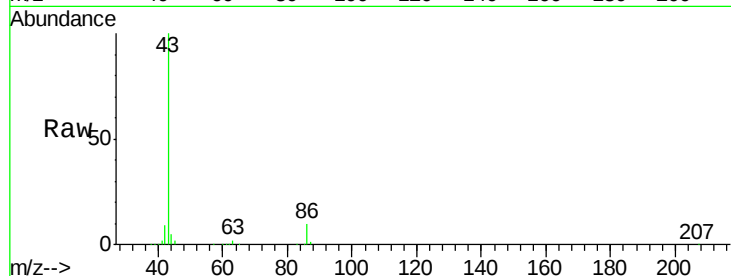
VN0803WBS01

Tot Ion: 43 Resp: 492199

Ion Ratio Lower Upper

43 100

86 9.5 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

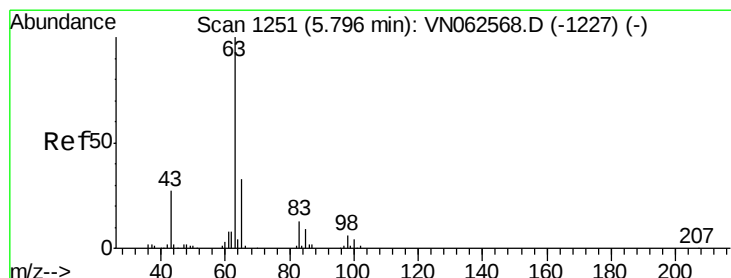
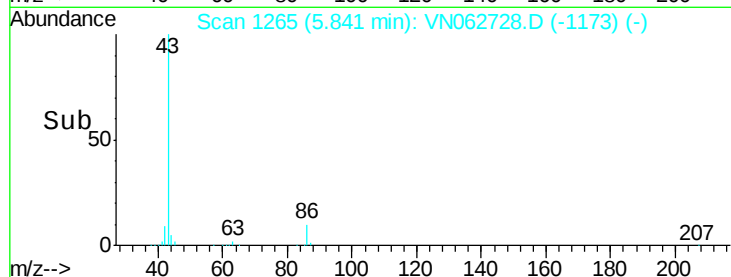
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 18.988 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

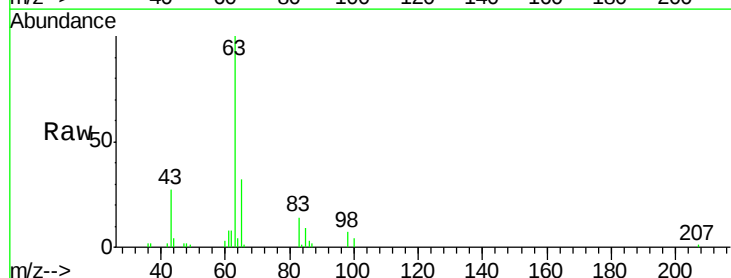
Tgt Ion: 63 Resp: 68470

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

100 3.8 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

30000

25000

20000

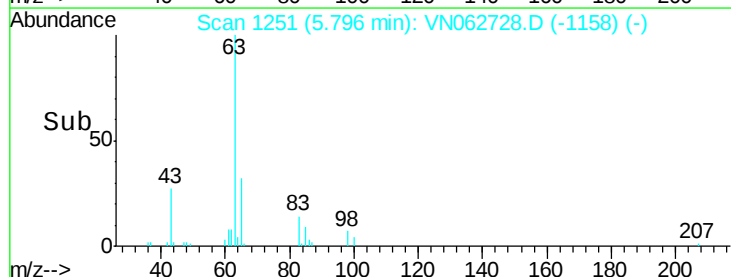
15000

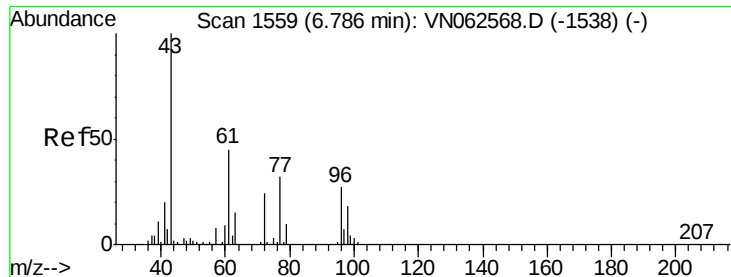
10000

5000

0

Time--> 5.70 5.80 5.90

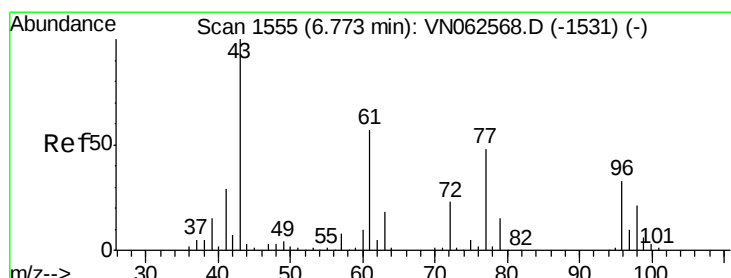
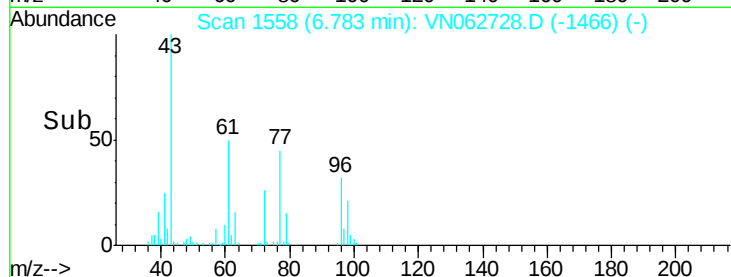
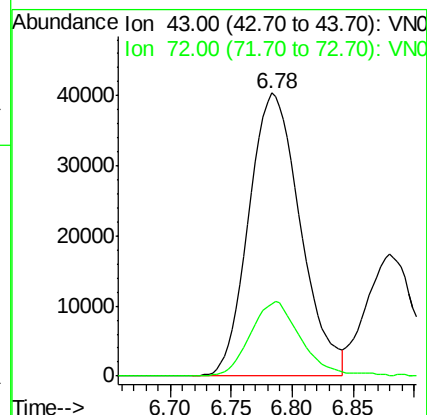
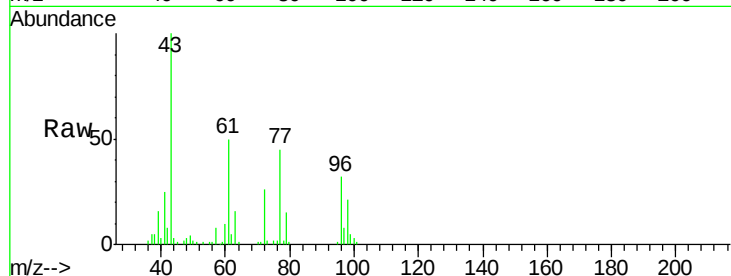




#25
2-Butanone
Concen: 91.495 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

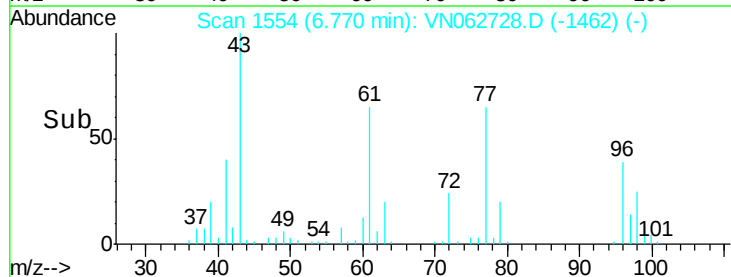
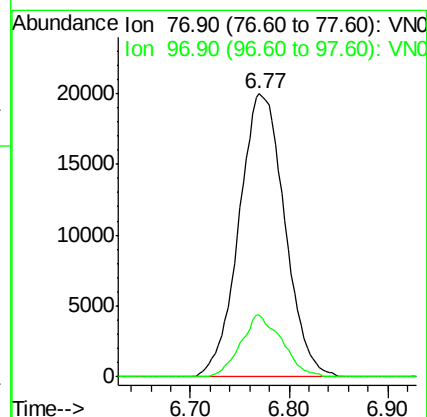
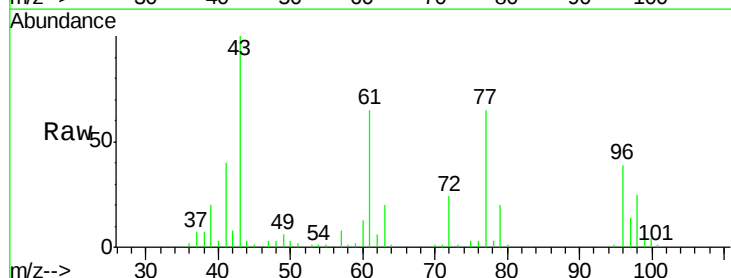
Instrument :
MSVOA_N
ClientSampled :
VN0803WBS01

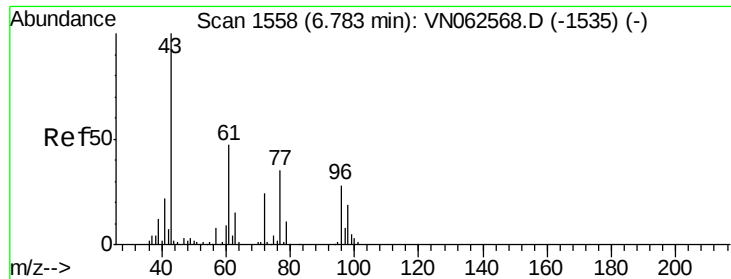
Tot Ion: 43 Resp: 118479
Ion Ratio Lower Upper
43 100
72 25.6 19.0 28.6



#26
2,2-Dichloropropane
Concen: 21.649 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

Tgt Ion: 77 Resp: 64085
Ion Ratio Lower Upper
77 100
97 19.8 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 19.146 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampled :

VN0803WBS01

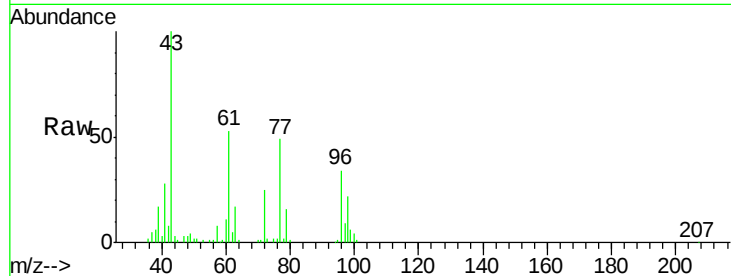
Tot Ion: 96 Resp: 37764

Ion Ratio Lower Upper

96 100

61 167.2 0.0 332.4

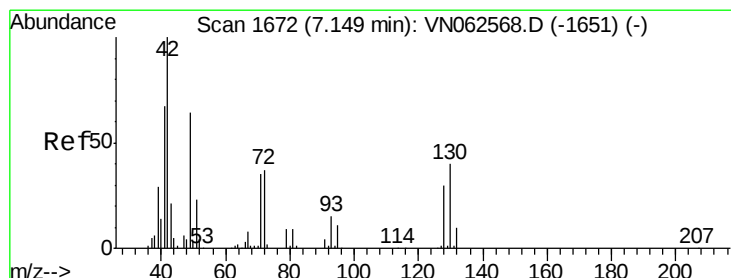
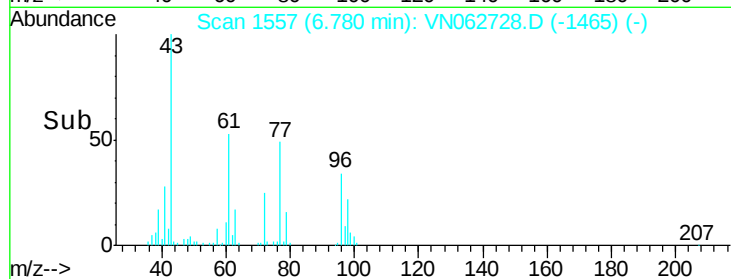
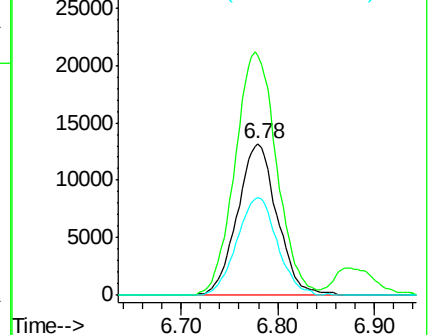
98 65.1 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 17.653 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

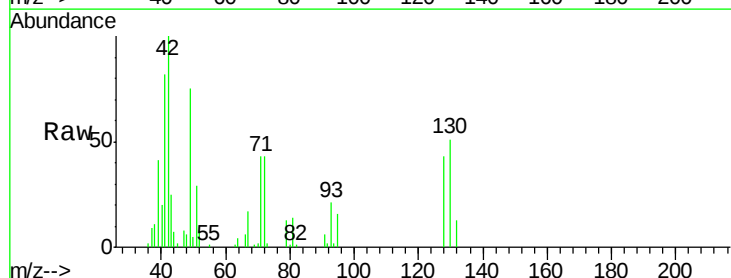
Tgt Ion: 49 Resp: 31327

Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.4

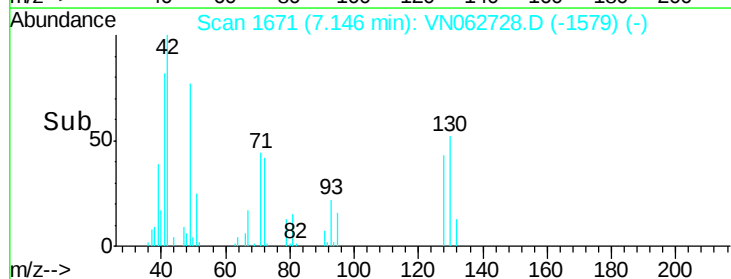
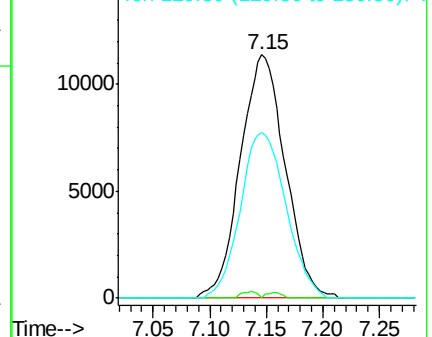
130 69.4 49.8 74.8

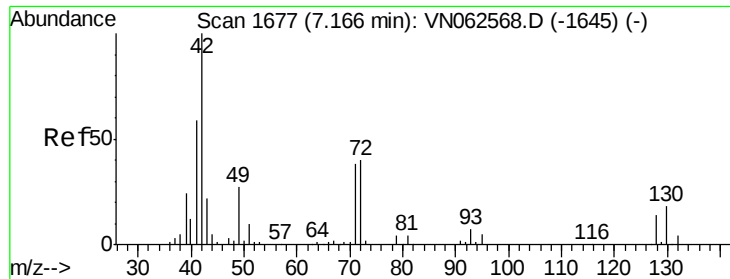


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 84.643 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBS01

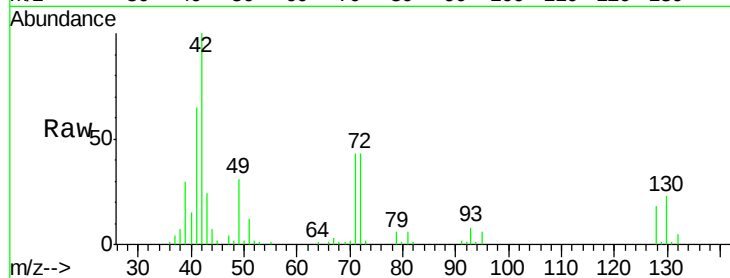
Tot Ion: 42 Resp: 74166

Ion Ratio Lower Upper

42 100

72 43.1 30.7 46.1

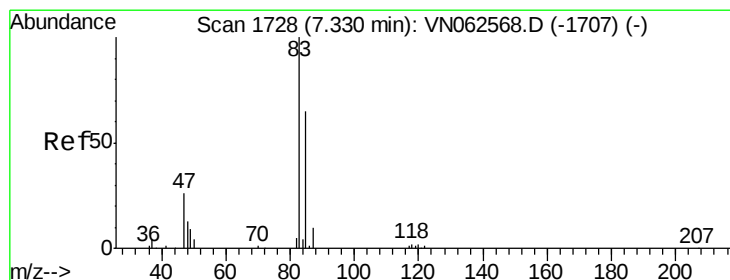
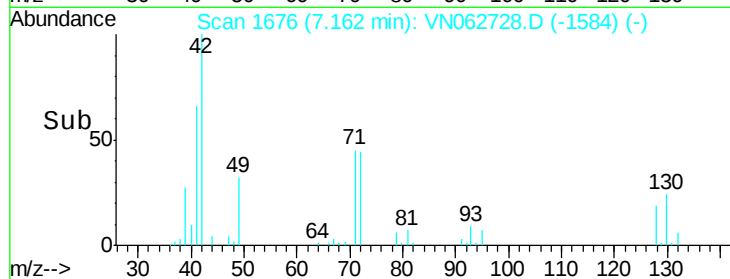
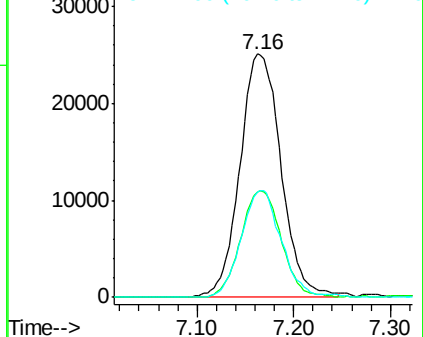
71 42.5 29.1 43.7



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: 20.807 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062728.D

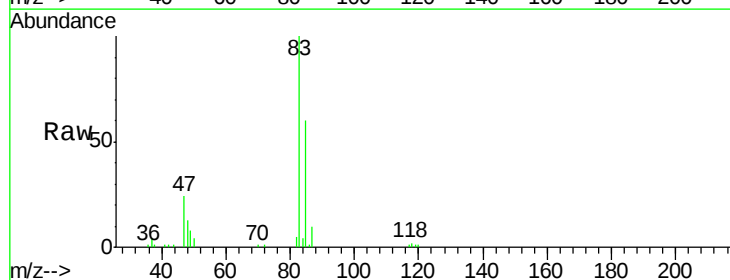
Acq: 3 Aug 2020 12:07

Tgt Ion: 83 Resp: 71336

Ion Ratio Lower Upper

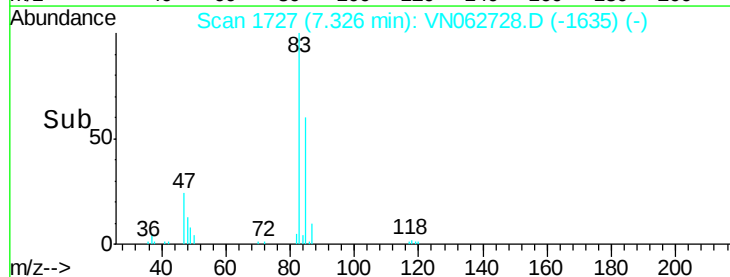
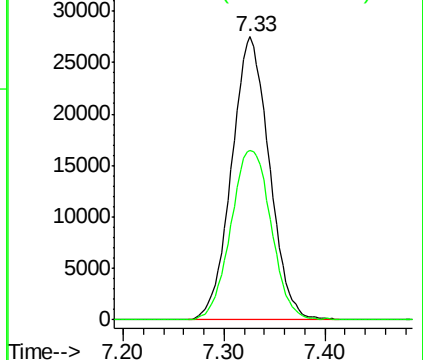
83 100

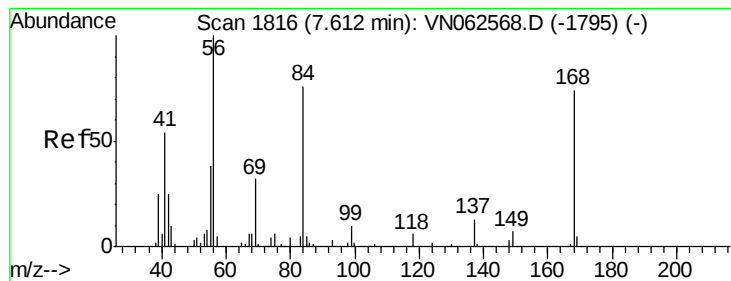
85 60.1 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 17.140 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBS01

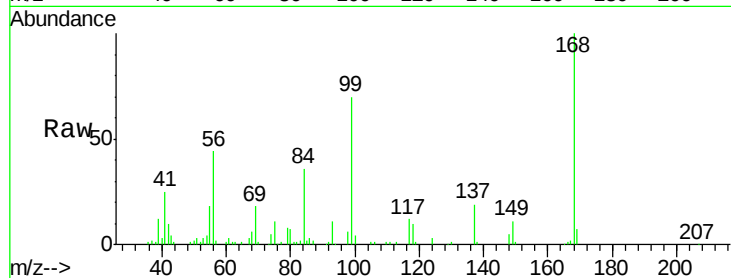
Tot Ion: 56 Resp: 57064

Ion Ratio Lower Upper

56 100

69 40.5 25.3 37.9#

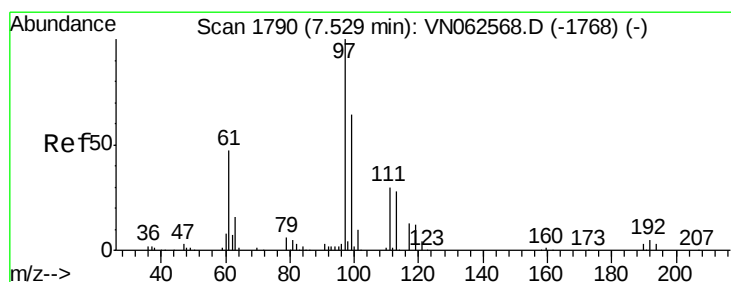
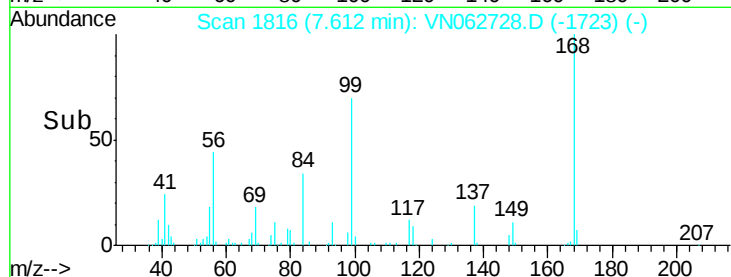
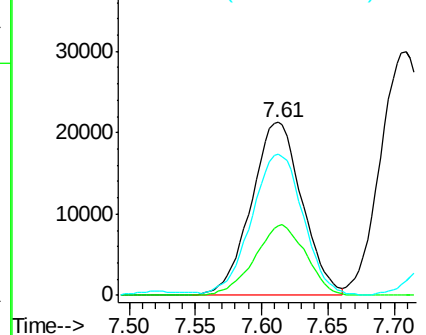
84 79.8 61.0 91.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 22.757 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

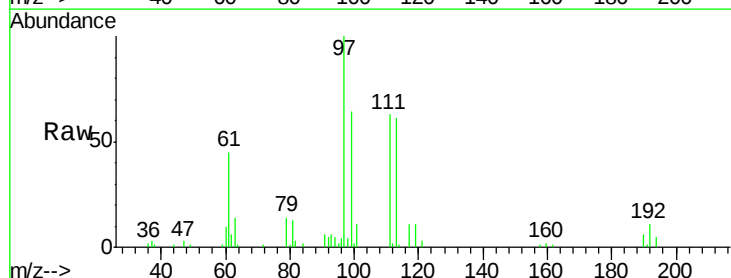
Tgt Ion: 97 Resp: 65142

Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

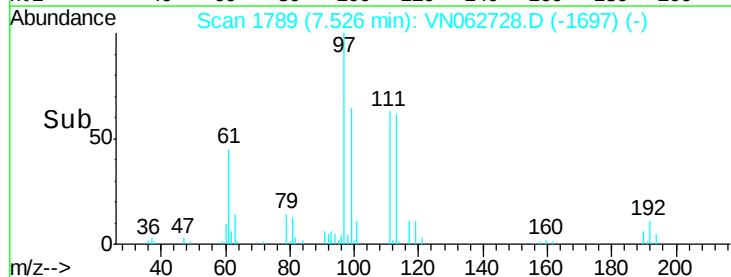
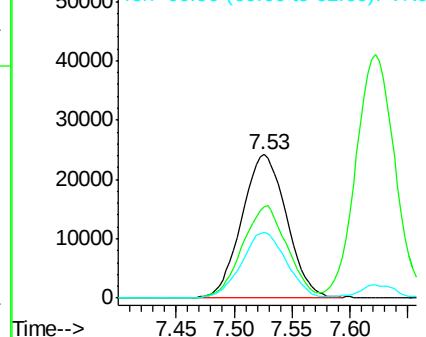
61 45.5 38.4 57.6

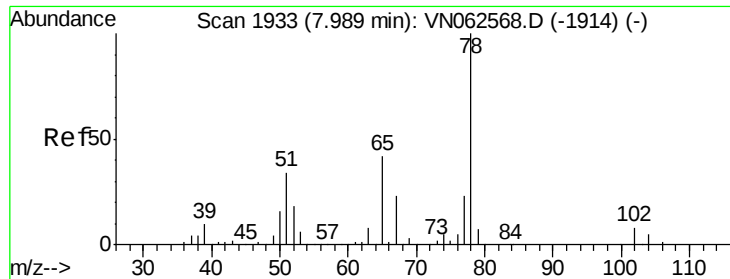


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 55.840 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampleId :

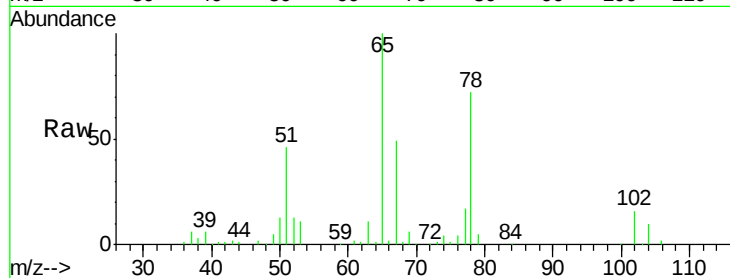
VN0803WBS01

Tot Ion: 65 Resp: 126171

Ion Ratio Lower Upper

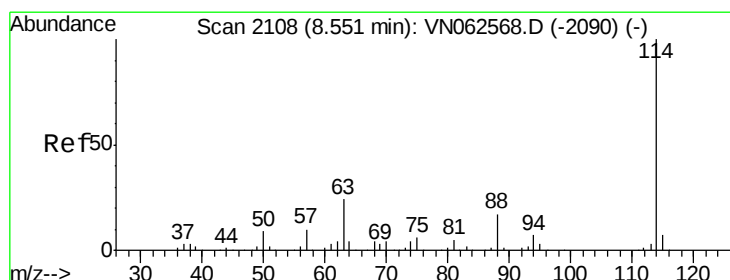
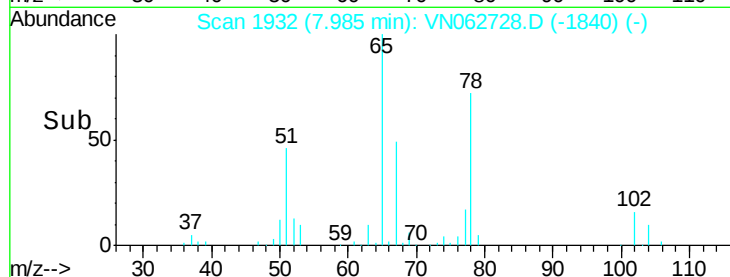
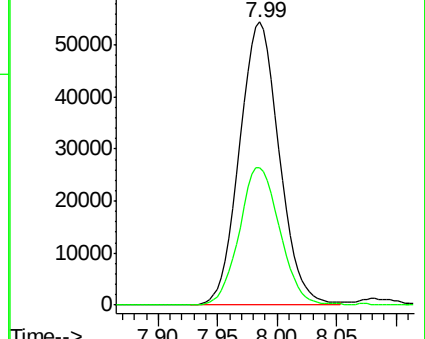
65 100

67 49.5 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN062728.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062728.D (-1840) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

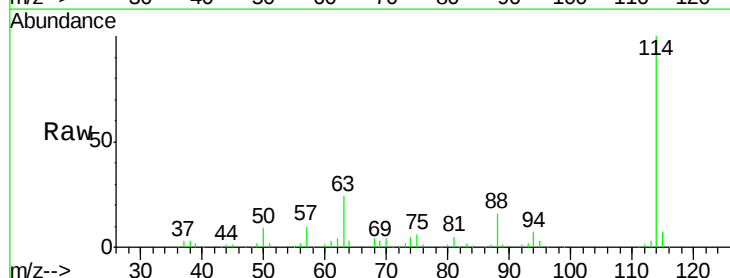
Tgt Ion: 114 Resp: 237883

Ion Ratio Lower Upper

114 100

63 24.3 0.0 48.4

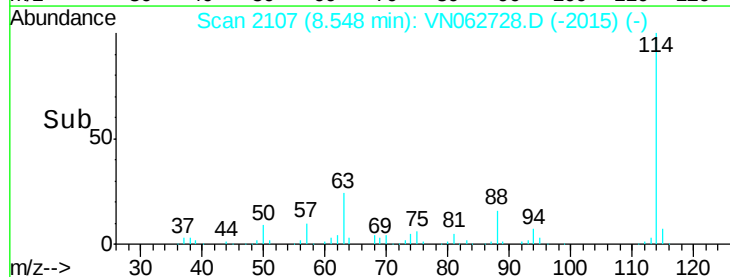
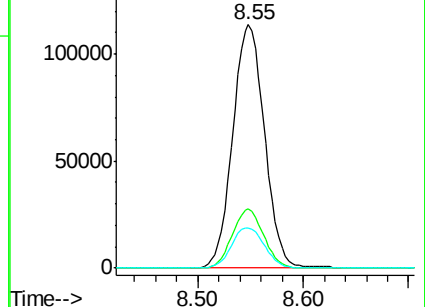
88 16.4 0.0 33.8

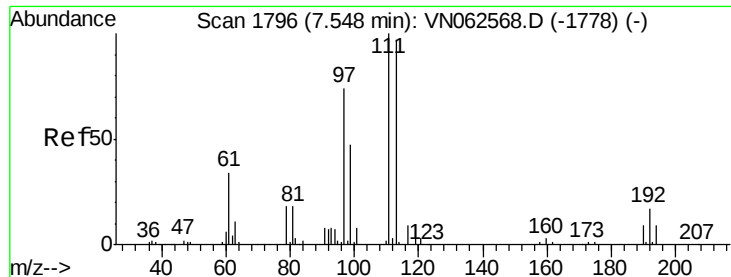


Abundance Ion 113.90 (113.60 to 114.60): VN062728.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062728.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062728.D (-2015) (-)

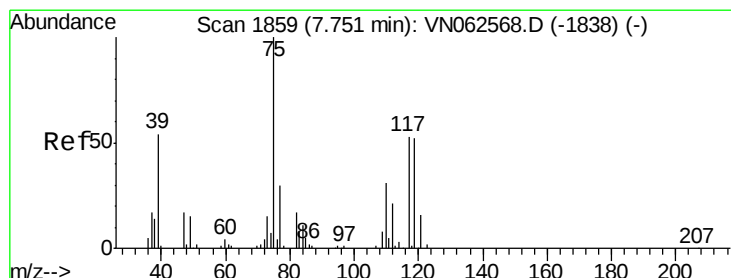
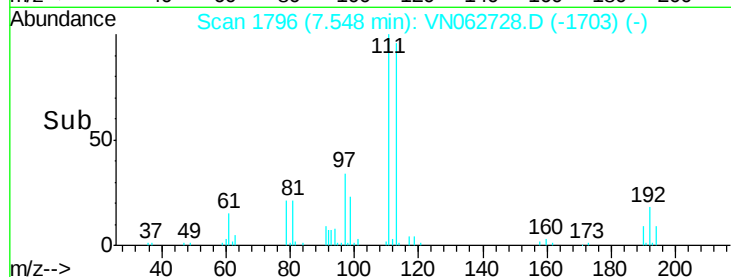
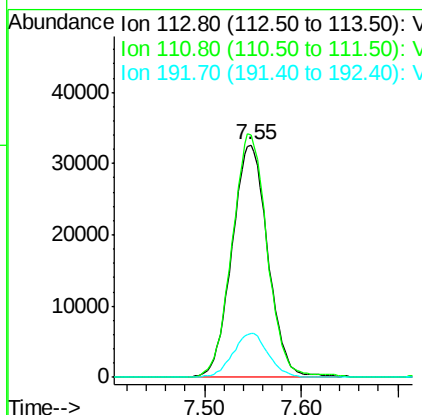
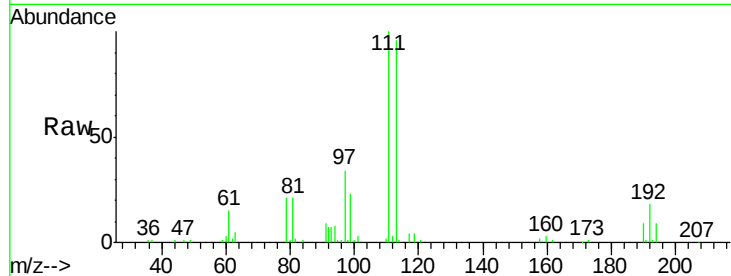




#35
 Dibromofluoromethane
 Concen: 53.833 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

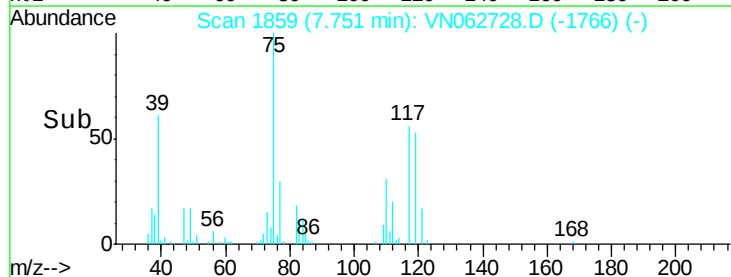
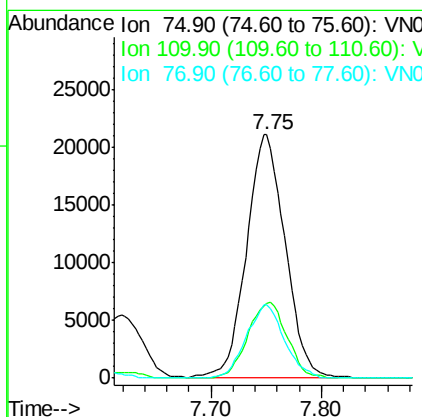
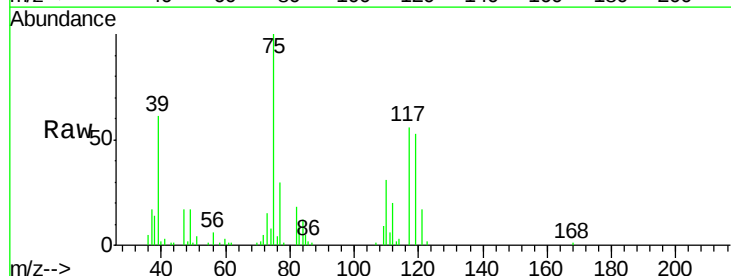
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBS01

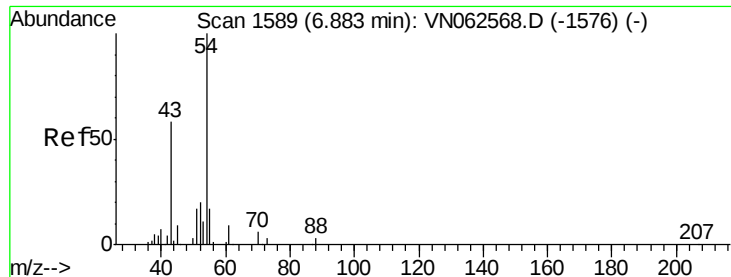
Tot Ion:113 Resp: 84117
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.7 124.1
 192 18.6 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 20.168 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

Tgt Ion: 75 Resp: 51137
 Ion Ratio Lower Upper
 75 100
 110 31.4 16.0 48.0
 77 29.7 24.6 36.8

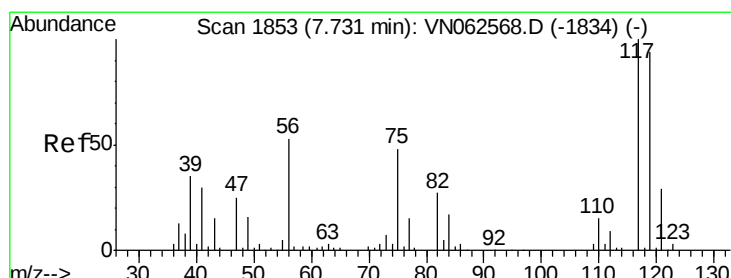
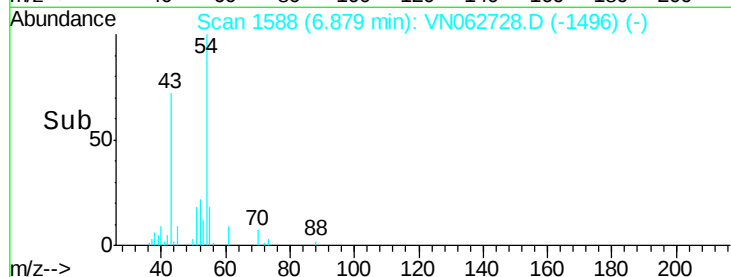
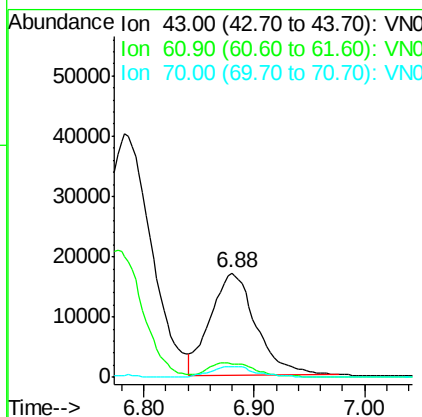
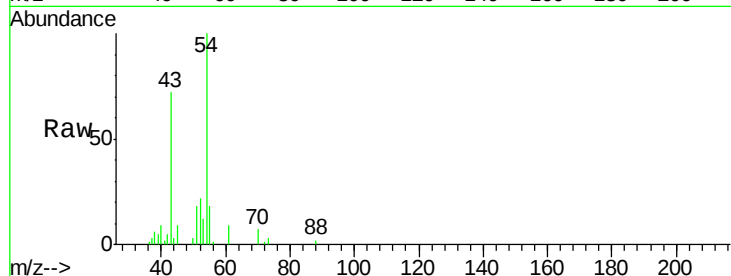




#37
Ethyl Acetate
Concen: 17.929 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

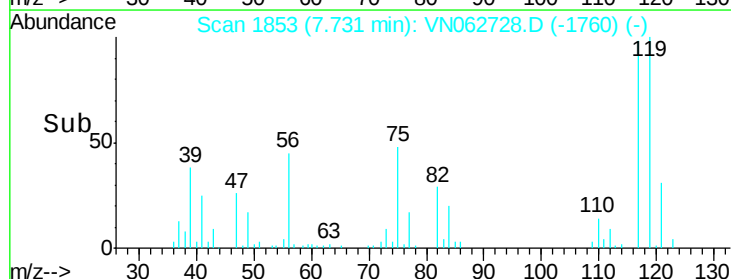
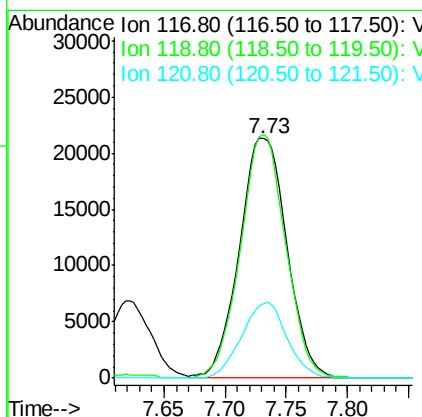
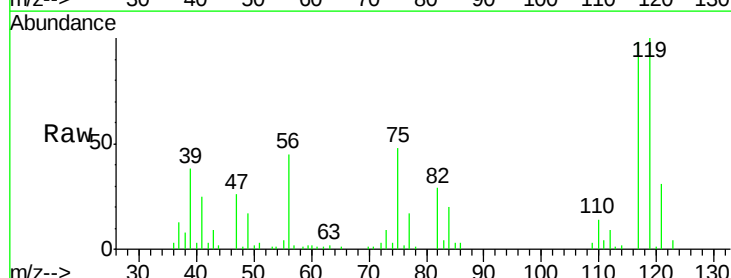
Instrument :
MSVOA_N
ClientSampled :
VN0803WBS01

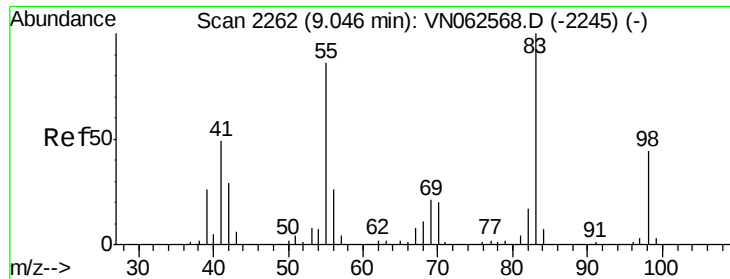
Tot Ion: 43 Resp: 49003
Ion Ratio Lower Upper
43 100
61 12.5 11.3 16.9
70 10.7 7.7 11.5



#38
Carbon Tetrachloride
Concen: 23.599 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

Tgt Ion: 117 Resp: 57517
Ion Ratio Lower Upper
117 100
119 101.7 74.8 112.2
121 31.4 23.0 34.6

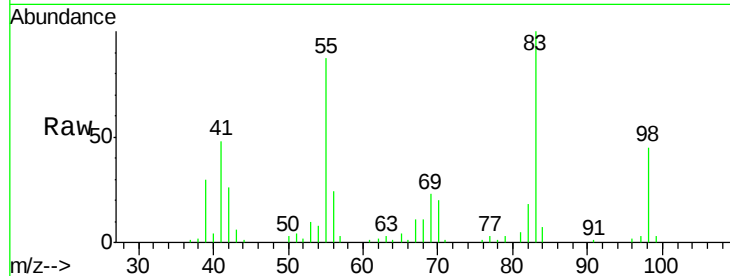




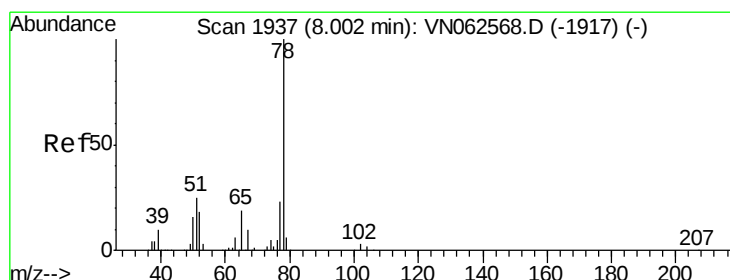
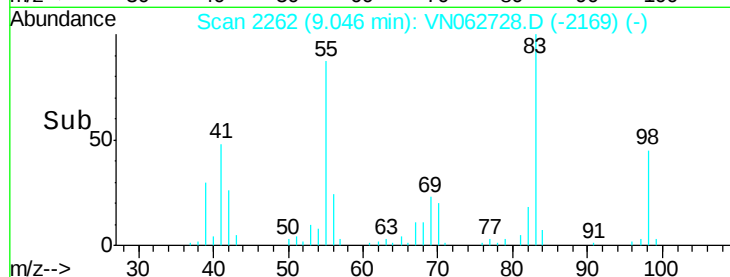
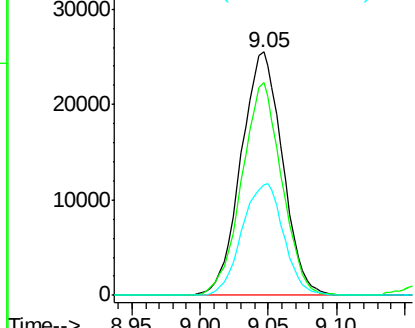
#39
Methvlcvclohexane
Concen: 19.667 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBS01

Tot Ion: 83 Resp: 53680
Ion Ratio Lower Upper
83 100
55 87.4 68.9 103.3
98 45.2 35.1 52.7

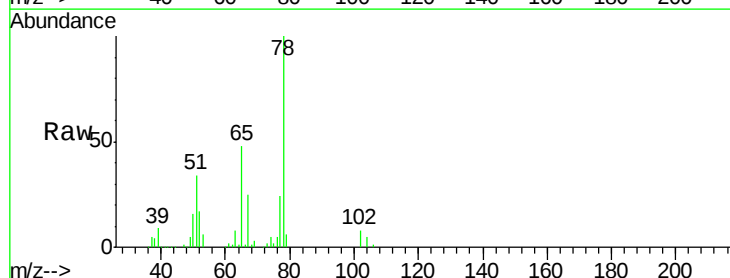


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

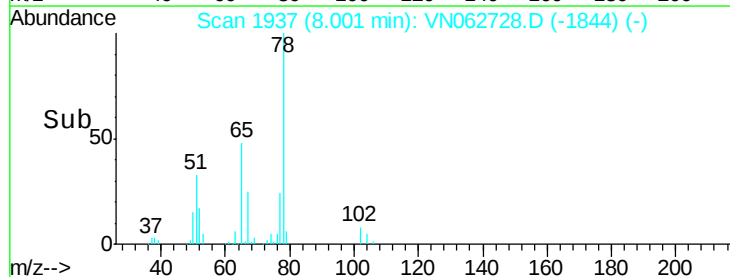
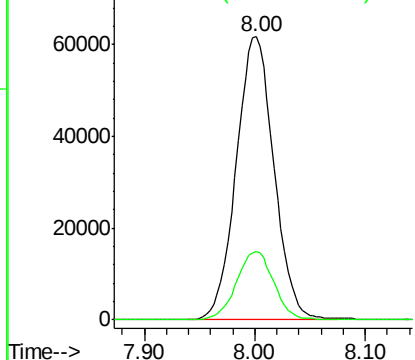


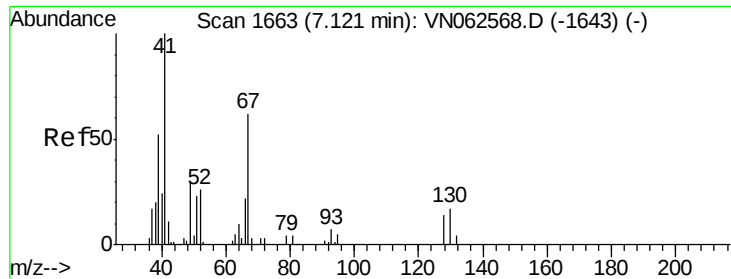
#40
Benzene
Concen: 19.061 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

Tgt Ion: 78 Resp: 146317
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1



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

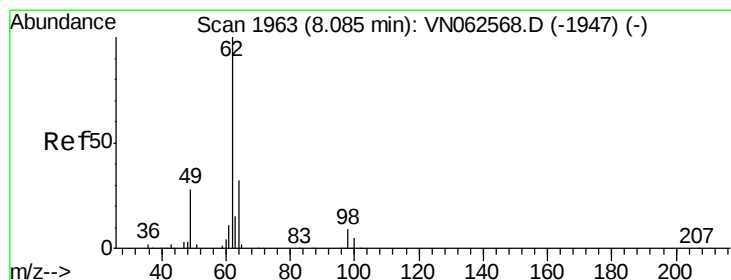
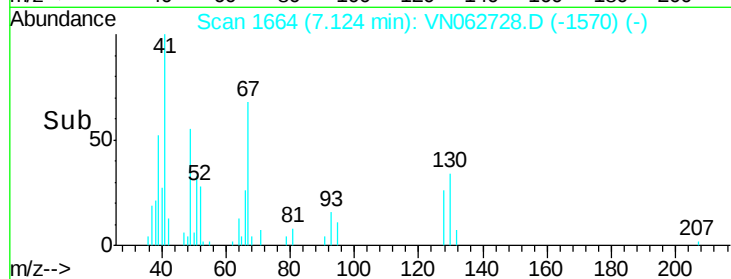
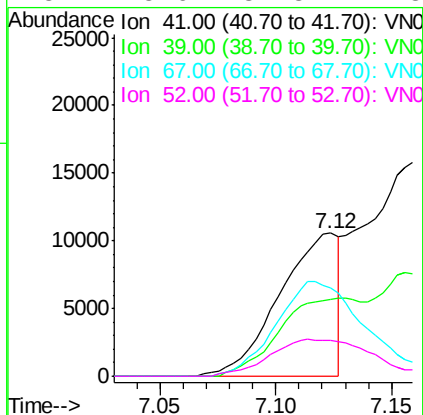
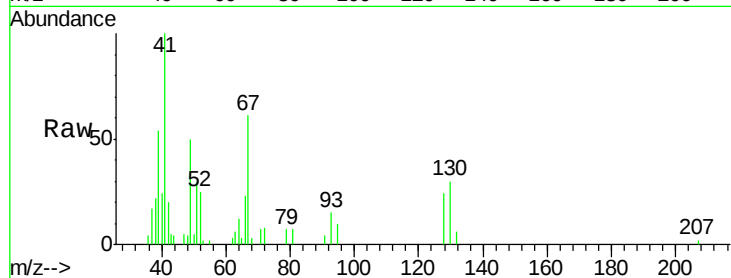




#41
Methacrylonitrile
Concen: 15.959 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

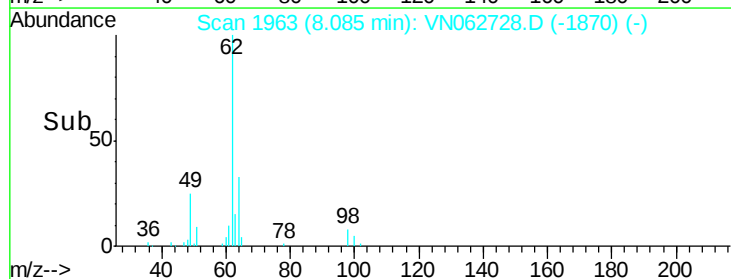
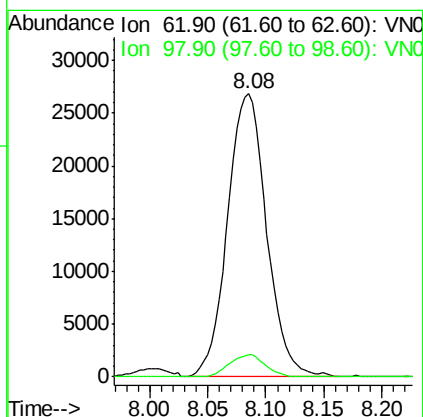
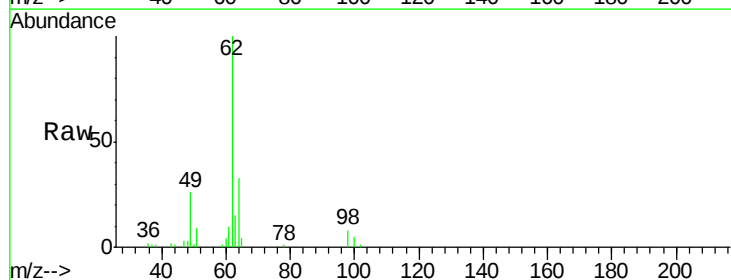
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBS01

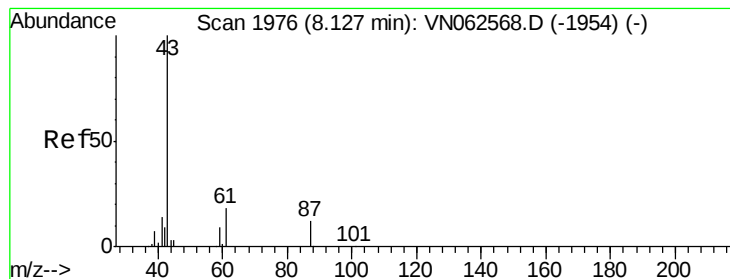
Tot Ion:	41	Resp:	18695
Ion	Ratio	Lower	Upper
41	100		
39	72.6	55.8	83.6
67	100.3	72.5	108.7
52	45.6	31.8	47.8



#42
1,2-Dichloroethane
Concen: 22.380 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

Tgt Ion:	62	Resp:	62808
Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	16.2



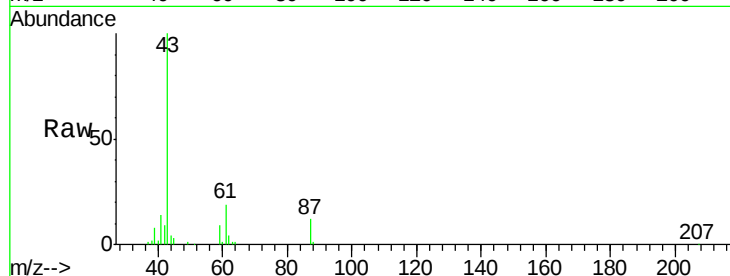


#43

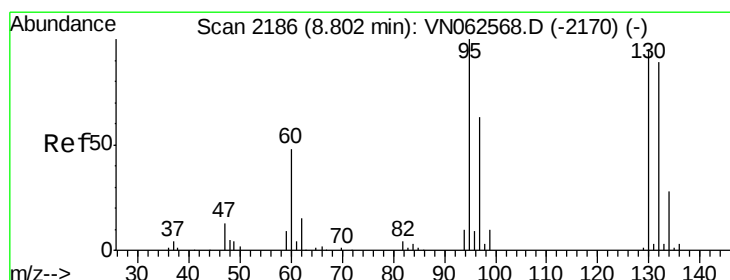
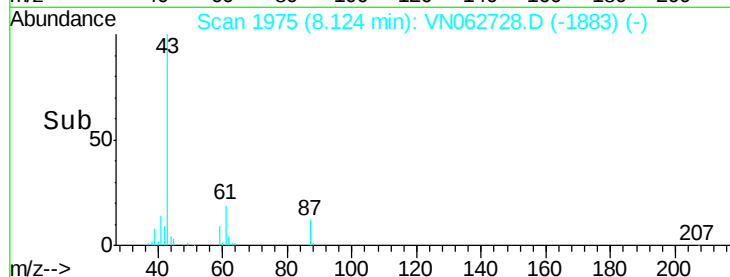
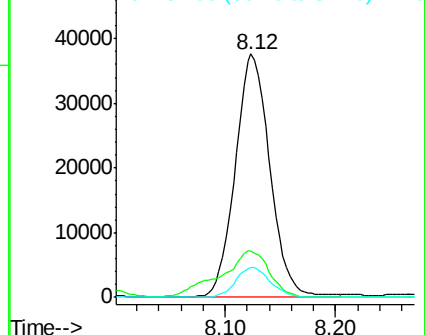
Isopropyl Acetate
 Concen: 18.643 ug/l
 RT: 8.12 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBS01

Tot Ion: 43 Resp: 82145
 Ion Ratio Lower Upper
 43 100
 61 26.7 20.8 31.2
 87 12.1 9.2 13.8



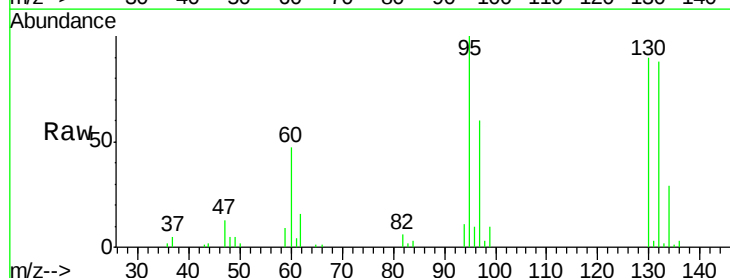
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



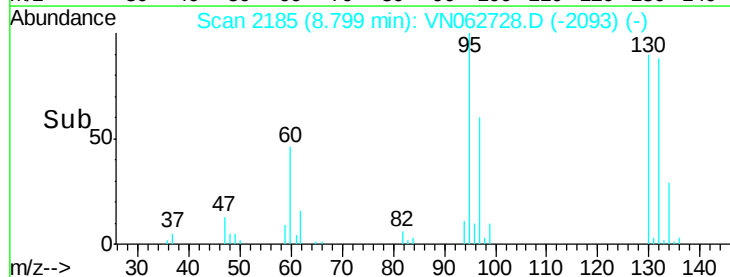
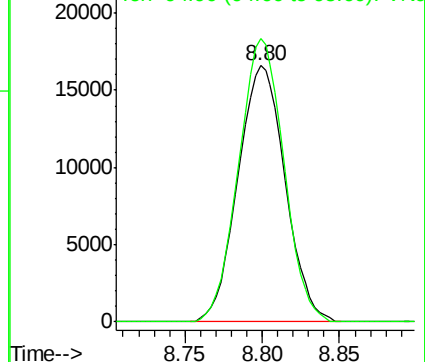
#44

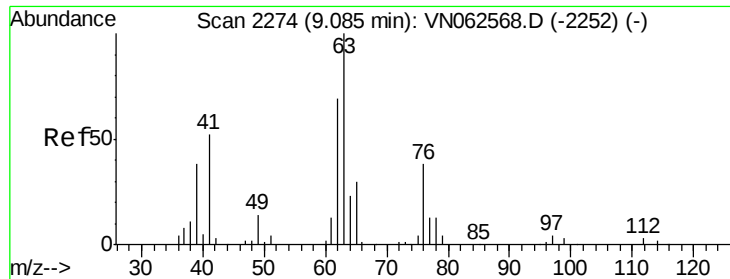
Trichloroethene
 Concen: 20.355 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

Tgt Ion: 130 Resp: 35236
 Ion Ratio Lower Upper
 130 100
 95 110.6 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0

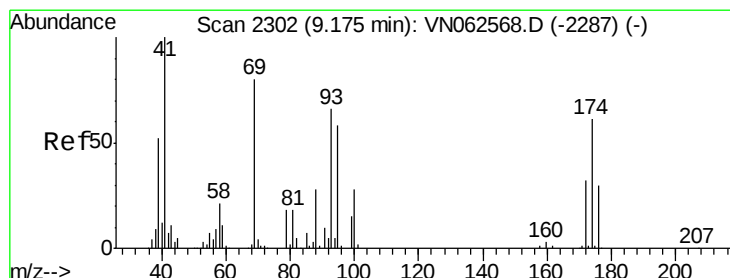
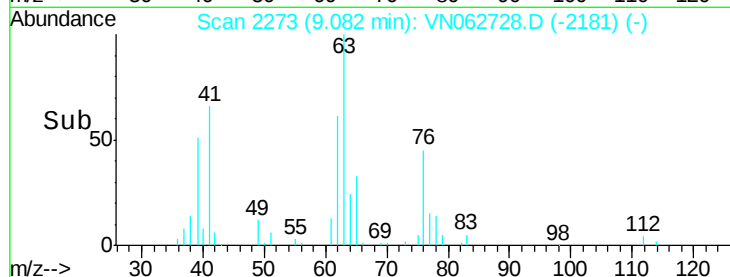
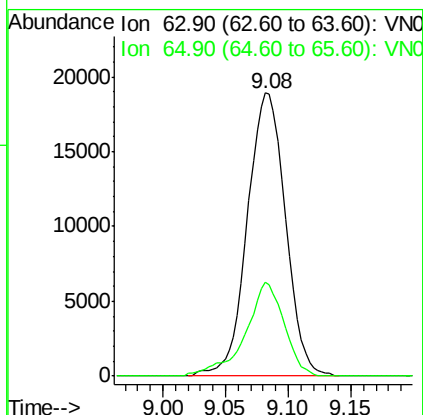
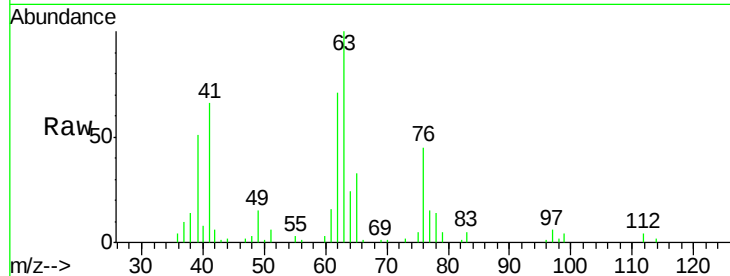




#45
 1,2-Dichloropropane
 Concen: 18.532 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

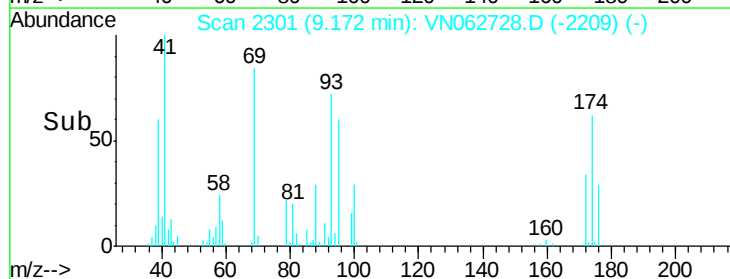
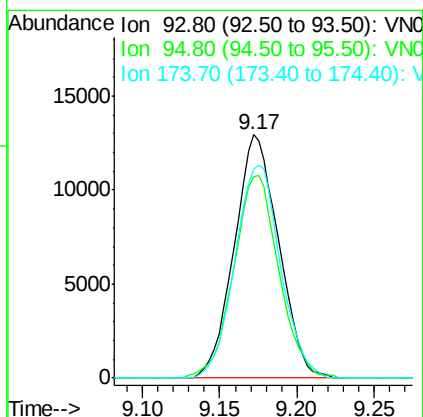
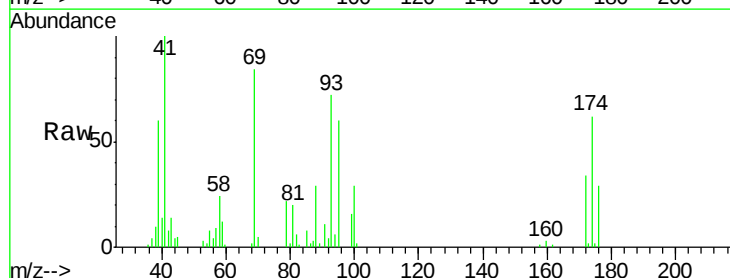
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBS01

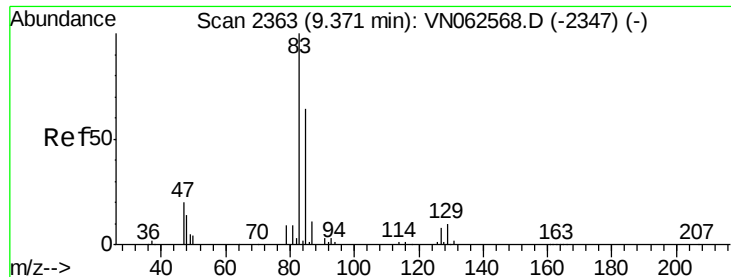
Tot Ion: 63 Resp: 39942
 Ion Ratio Lower Upper
 63 100
 65 33.2 24.4 36.6



#46
 Dibromomethane
 Concen: 20.719 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

Tgt Ion: 93 Resp: 25810
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.6 101.4
 174 89.8 72.5 108.7





#47

Bromodichloromethane

Concen: 21.319 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBS01

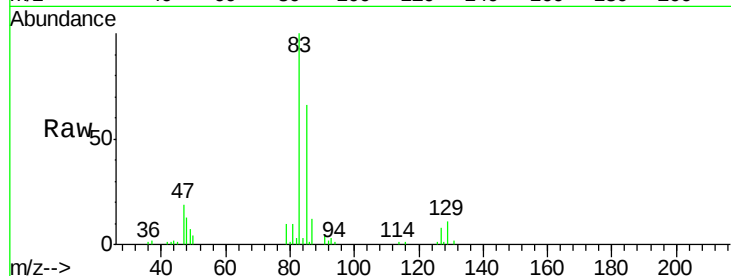
Tot Ion: 83 Resp: 57534

Ion Ratio Lower Upper

83 100

85 65.9 51.6 77.4

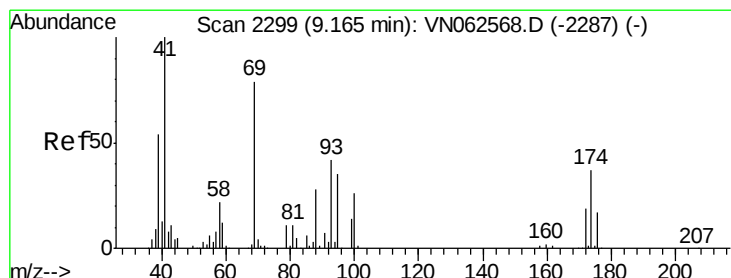
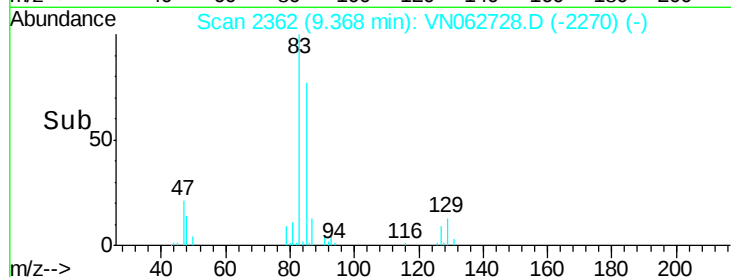
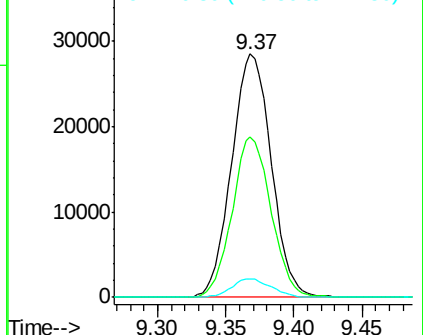
127 7.7 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062728.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062728.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062728.D (-2270) (-)



#48

Methyl methacrylate

Concen: 19.034 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

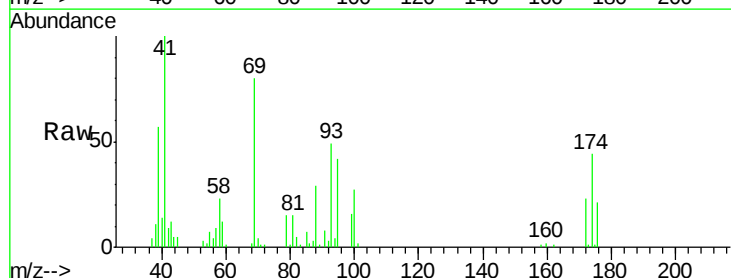
Tgt Ion: 41 Resp: 39868

Ion Ratio Lower Upper

41 100

69 80.9 64.4 96.6

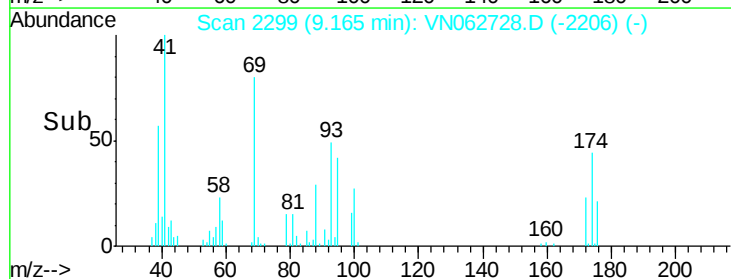
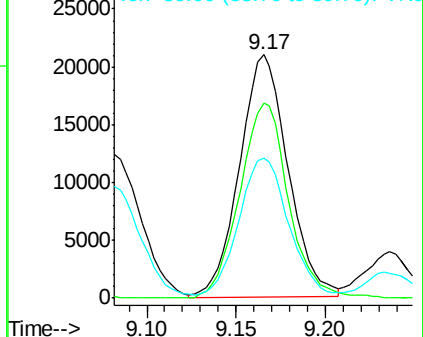
39 60.0 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VN062728.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062728.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062728.D (-2206) (-)

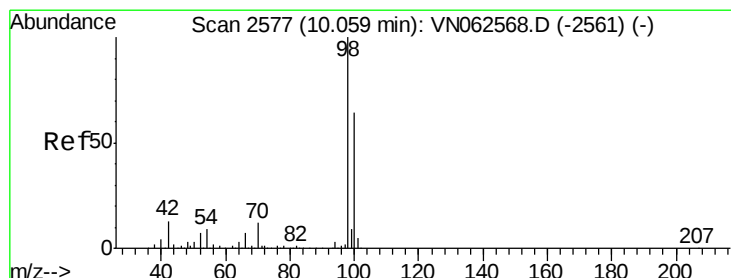
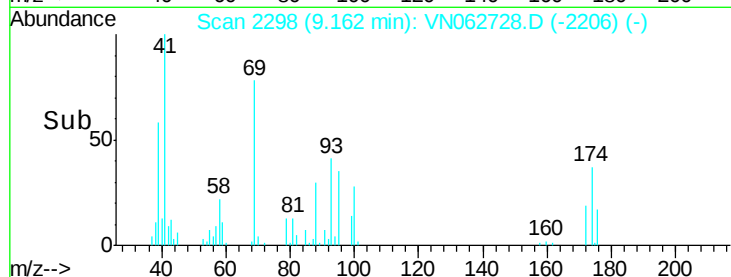
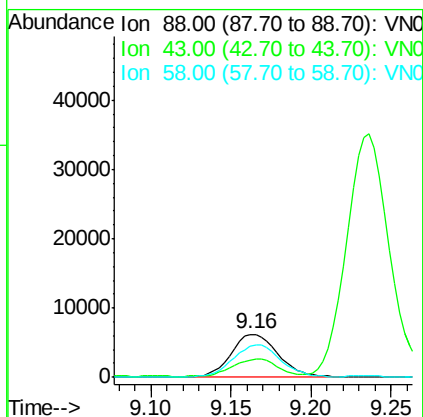
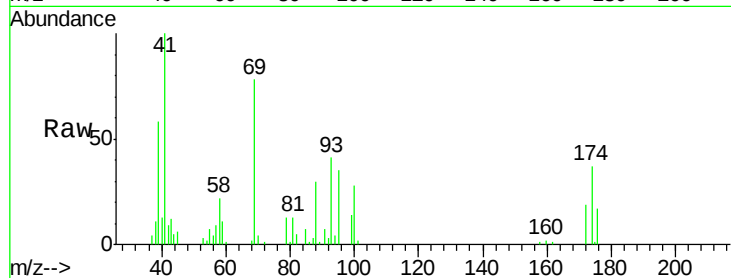




#49
 1,4-Dioxane
 Concen: 389.436 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

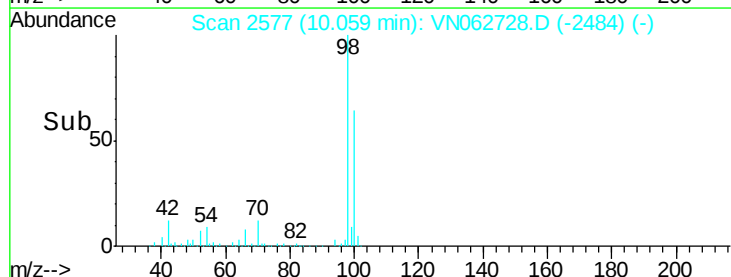
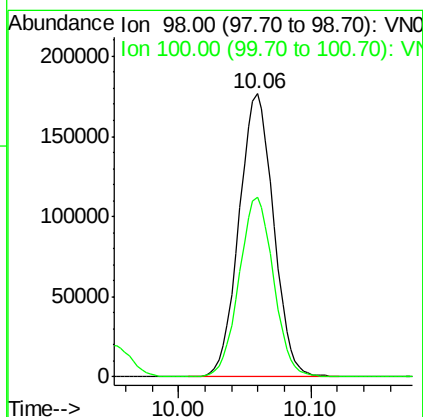
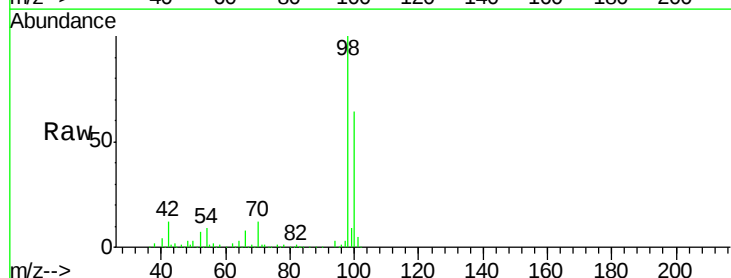
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBS01

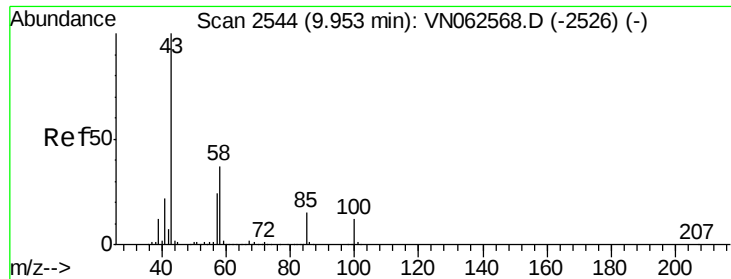
Tot Ion: 88 Resp: 12528
 Ion Ratio Lower Upper
 88 100
 43 43.2 32.0 48.0
 58 76.5 62.8 94.2



#50
 Toluene-d8
 Concen: 51.366 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

Tgt Ion: 98 Resp: 320242
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 93.848 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampleId :

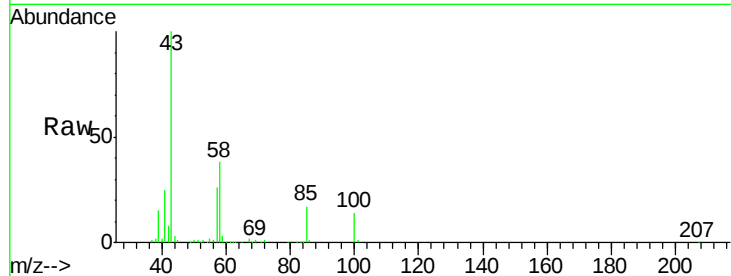
VN0803WBS01

Tot Ion: 43 Resp: 247418

Ion Ratio Lower Upper

43 100

58 38.2 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-2526) (-)

Ion 58.00 (57.70 to 58.70): VN062568.D (-2526) (-)

9.95

150000

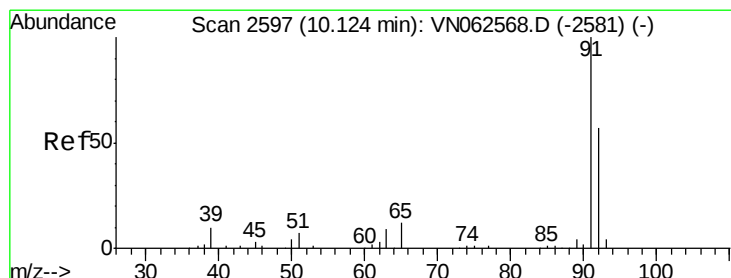
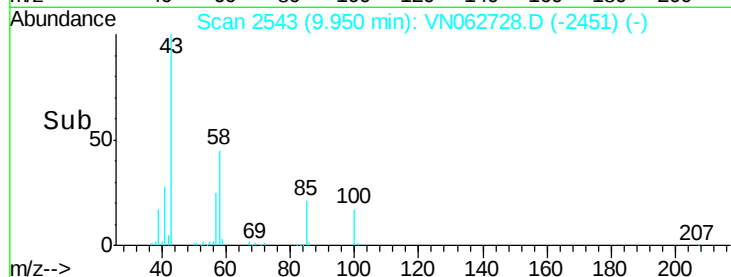
100000

50000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 20.354 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062728.D

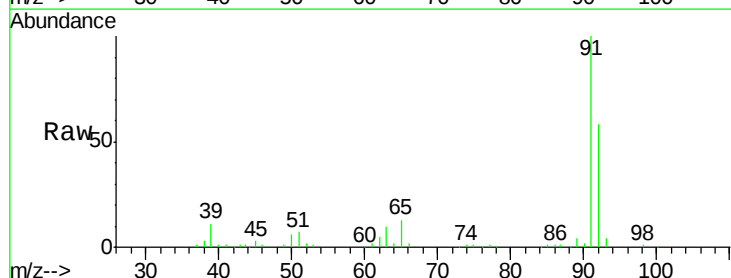
Acq: 3 Aug 2020 12:07

Tgt Ion: 92 Resp: 90727

Ion Ratio Lower Upper

92 100

91 174.0 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN062568.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062568.D (-2581) (-)

10.12

100000

80000

60000

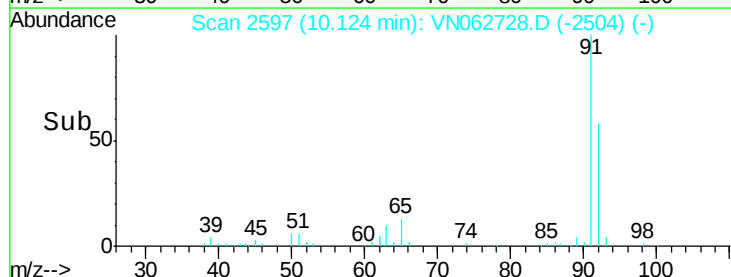
40000

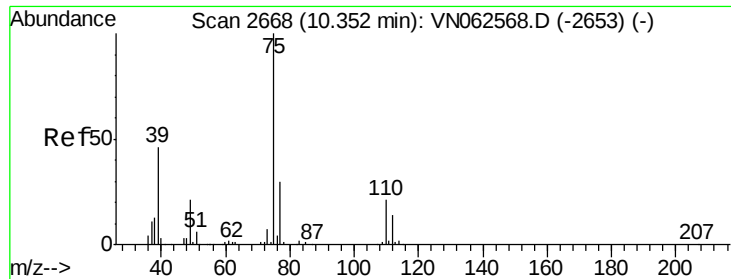
20000

0

10.10 10.20

Time-->

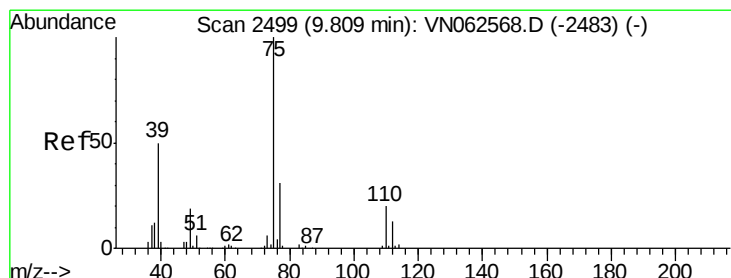
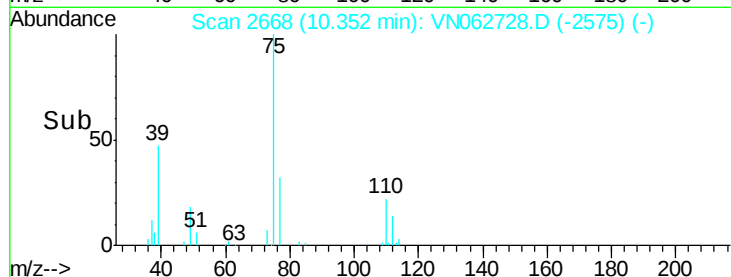
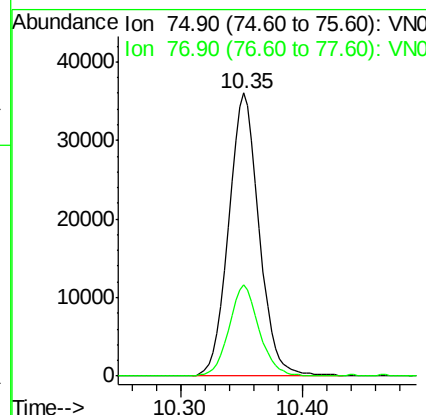
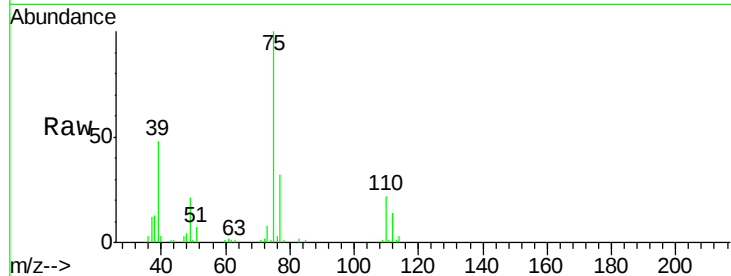




#53
t-1,3-Dichloropropene
Concen: 20.922 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

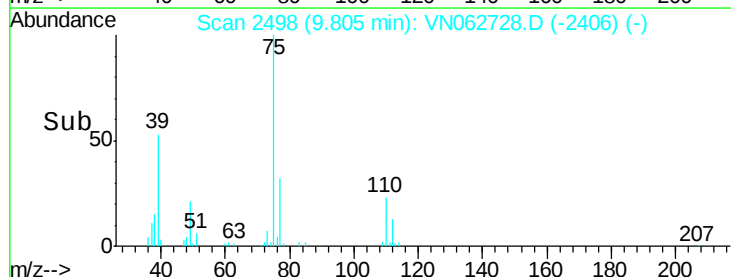
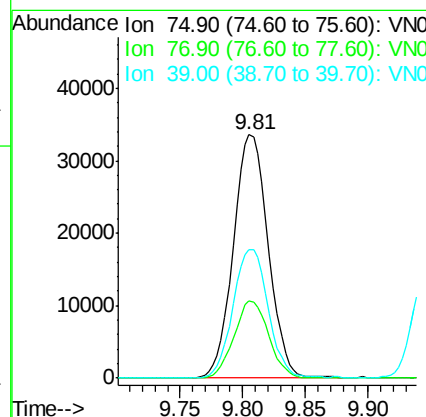
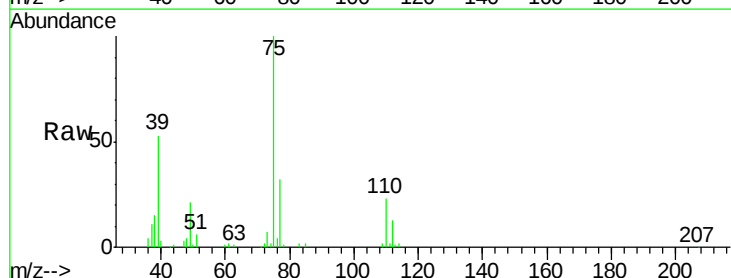
Instrument :
MSVOA_N
ClientSampled :
VN0803WBS01

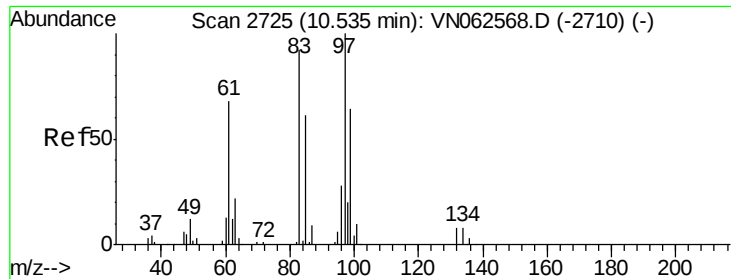
Tot Ion: 75 Resp: 62856
Ion Ratio Lower Upper
75 100
77 32.2 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 20.136 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

Tgt Ion: 75 Resp: 64914
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6
39 52.6 39.8 59.8





#55

1,1,2-Trichloroethane

Concen: 20.709 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBS01

Tot Ion: 97 Resp: 35806

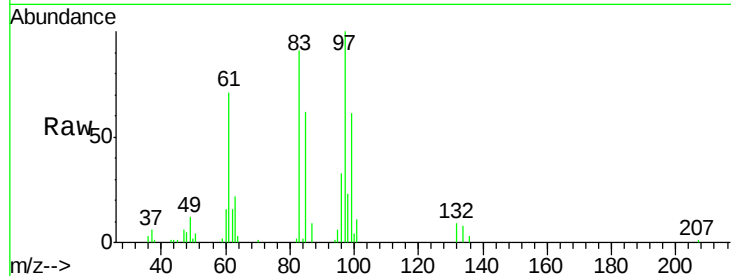
Ion Ratio Lower Upper

97 100

83 90.8 73.7 110.5

85 61.8 48.5 72.7

99 61.0 50.8 76.2

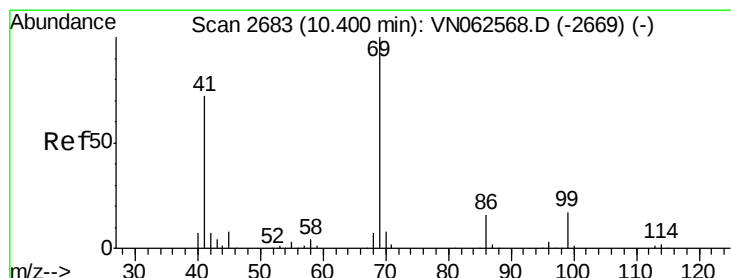
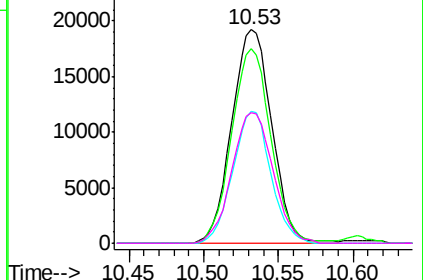
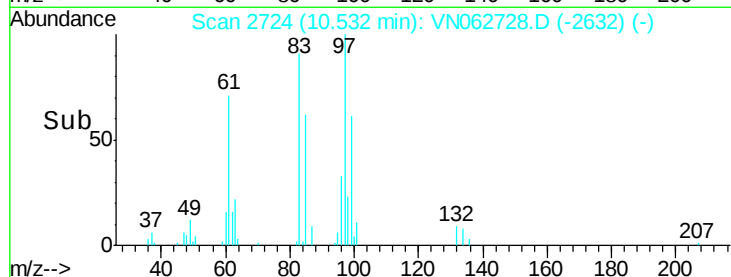


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.025 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

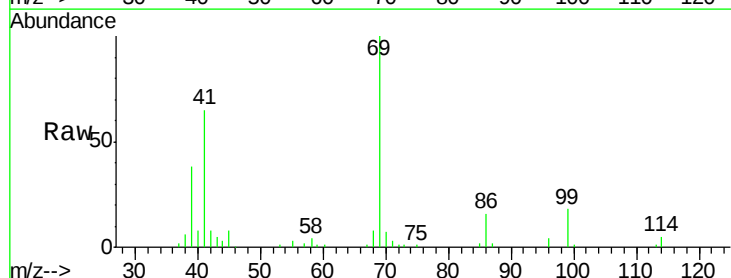
Tgt Ion: 69 Resp: 55538

Ion Ratio Lower Upper

69 100

41 68.1 57.2 85.8

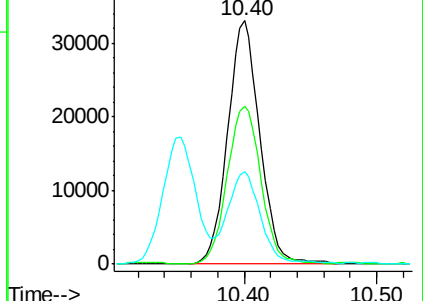
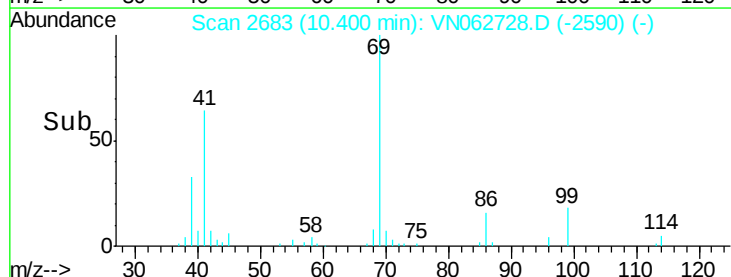
39 36.4 28.6 43.0

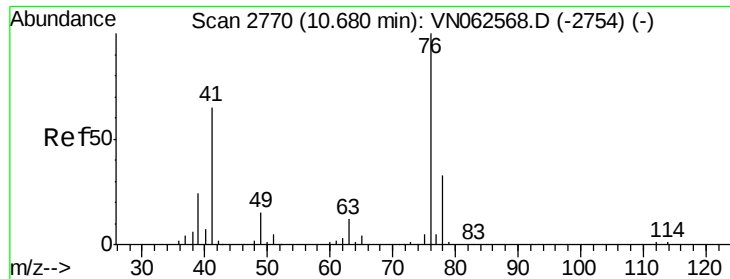


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

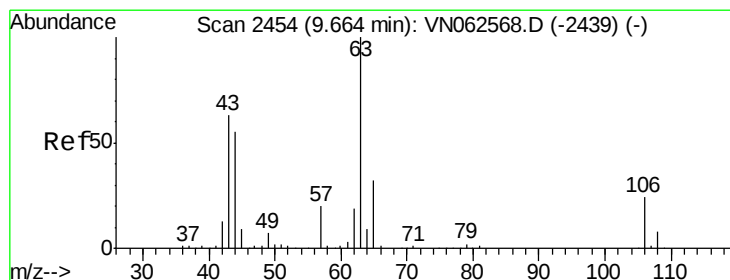
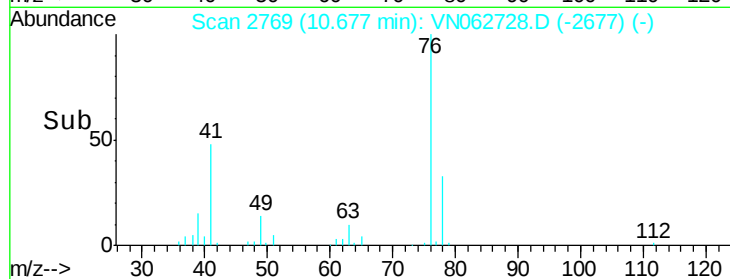
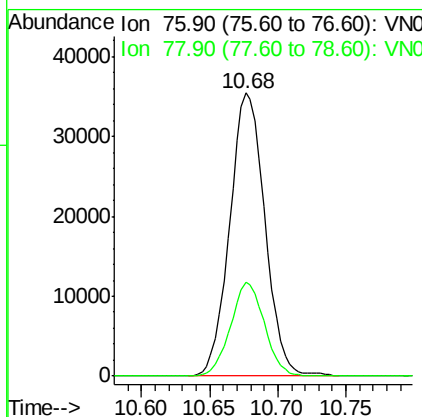
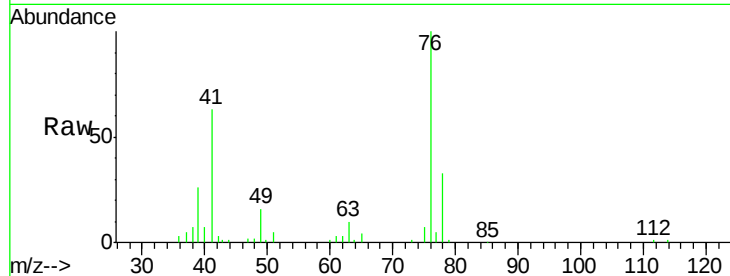




#57
 1,3-Dichloropropane
 Concen: 20.063 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

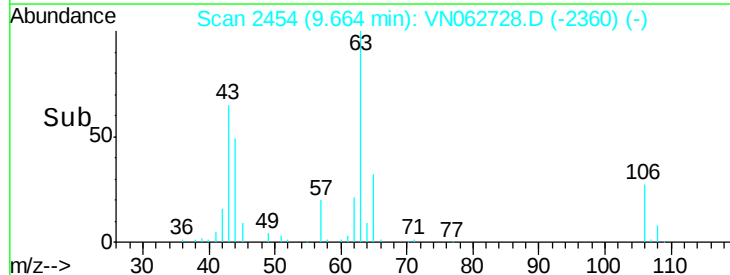
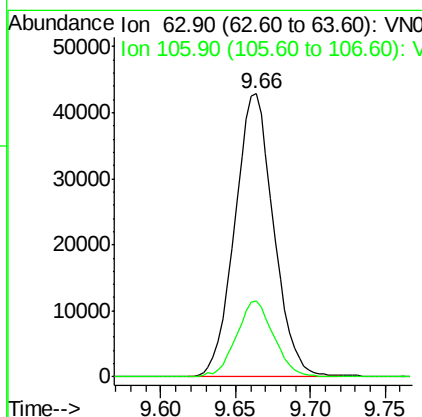
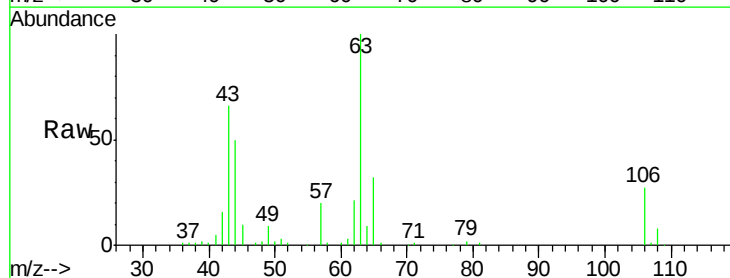
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBS01

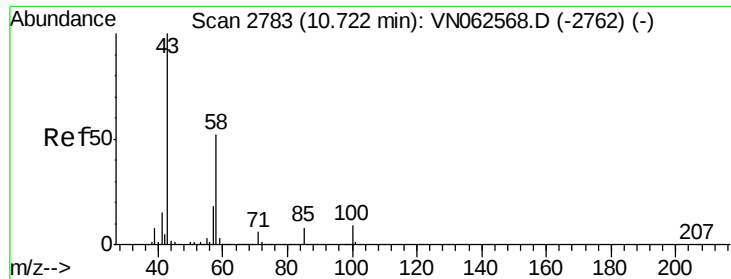
Tot Ion: 76 Resp: 63549
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.039 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

Tgt Ion: 63 Resp: 77549
 Ion Ratio Lower Upper
 63 100
 106 25.8 18.9 28.3

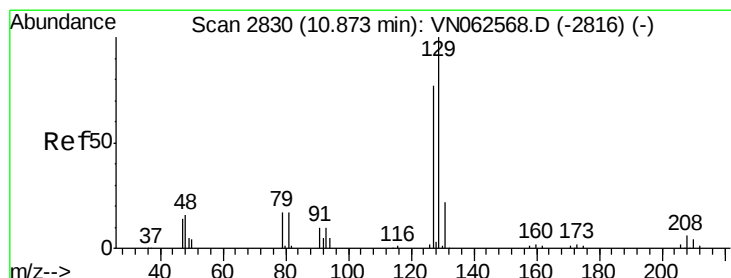
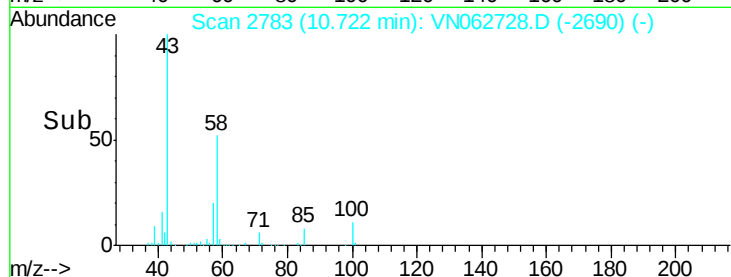
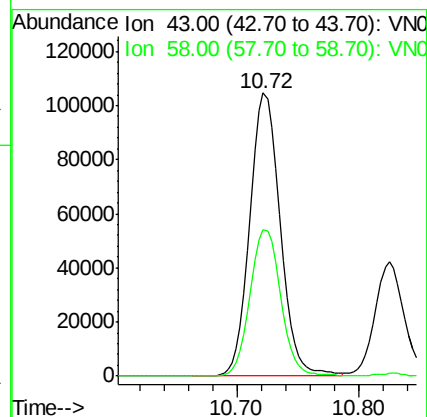
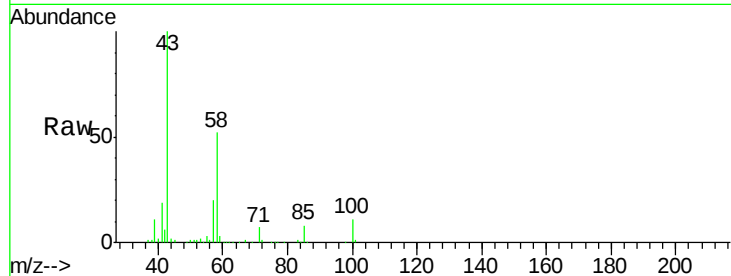




#59
2-Hexanone
Concen: 89.532 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

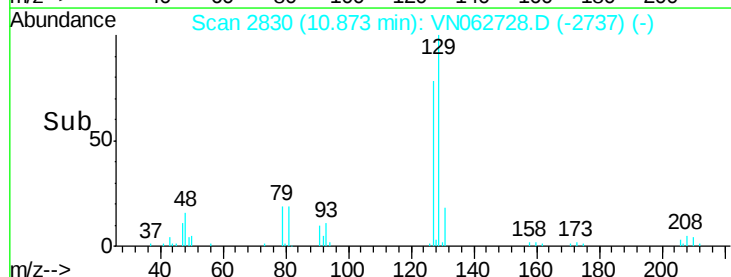
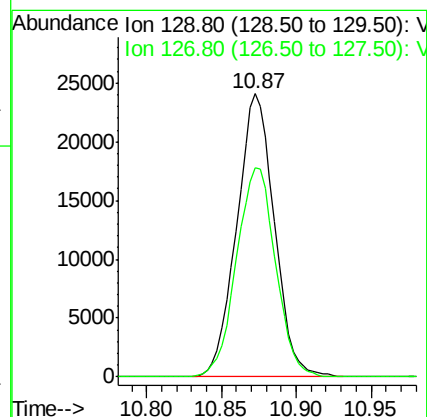
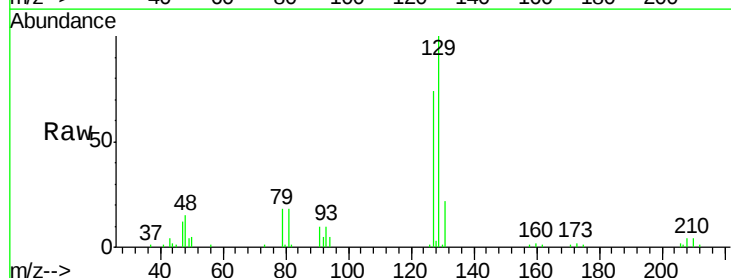
Instrument :
MSVOA_N
ClientSampled :
VN0803WBS01

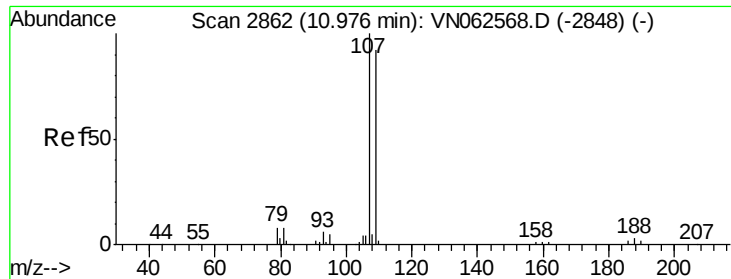
Tot Ion: 43 Resp: 178628
Ion Ratio Lower Upper
43 100
58 52.7 26.0 78.0



#60
Dibromochloromethane
Concen: 21.862 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

Tgt Ion: 129 Resp: 42169
Ion Ratio Lower Upper
129 100
127 76.8 38.0 113.9

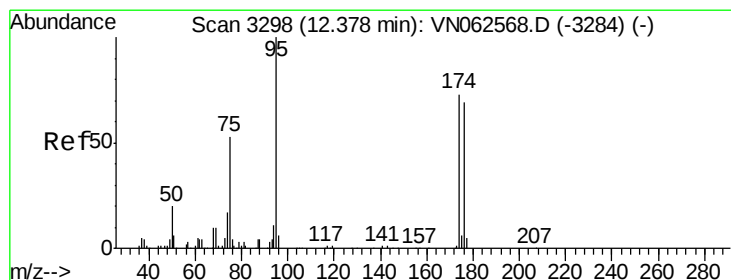
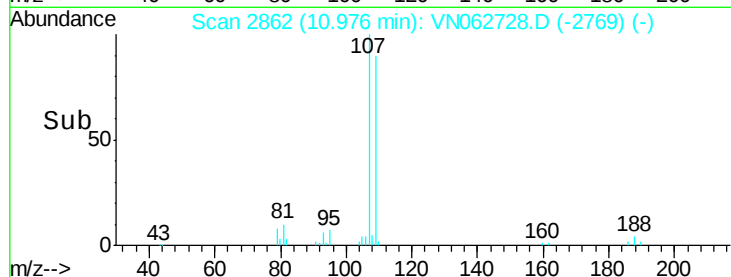
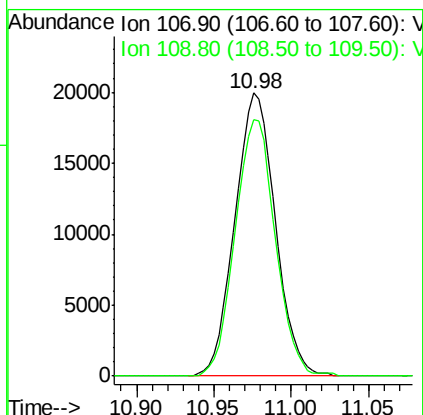
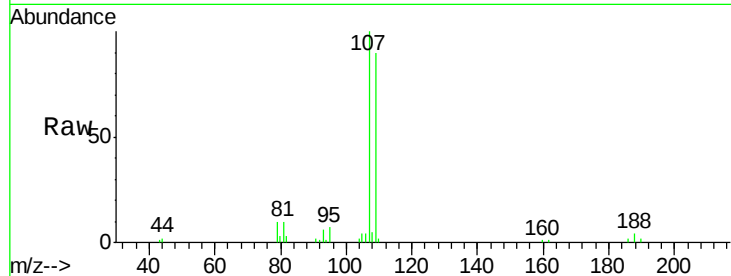




#61
 1,2-Dibromoethane
 Concen: 20.190 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

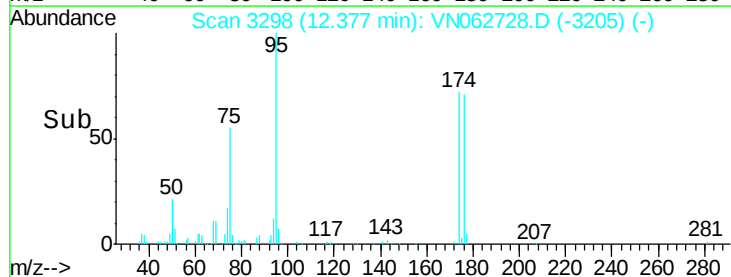
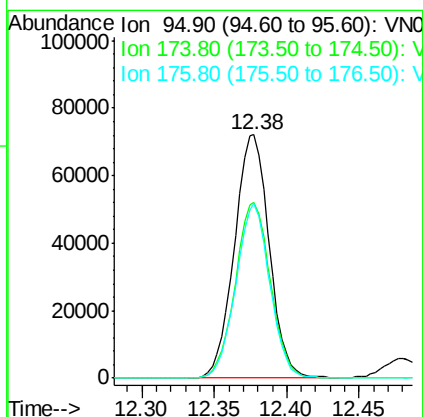
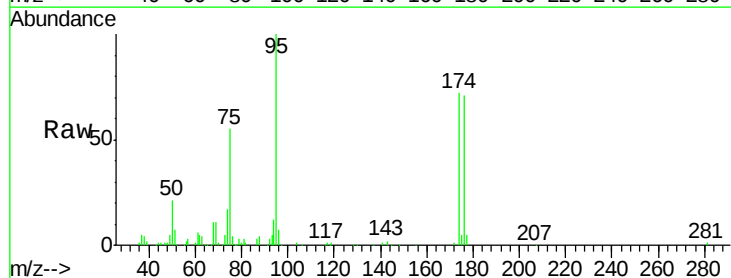
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBS01

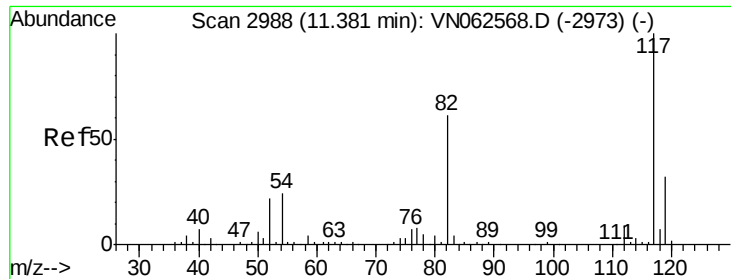
Tot Ion:107 Resp: 36350
 Ion Ratio Lower Upper
 107 100
 109 89.9 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 52.905 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

Tgt Ion: 95 Resp: 120601
 Ion Ratio Lower Upper
 95 100
 174 72.8 0.0 144.6
 176 69.5 0.0 139.4

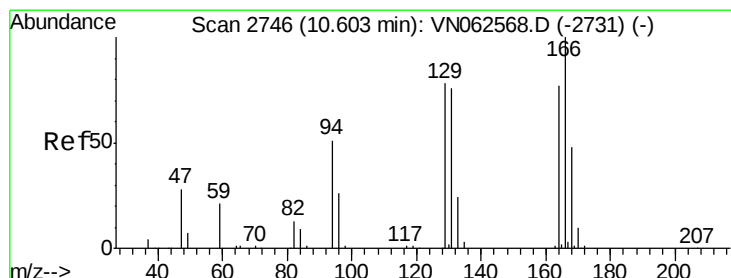
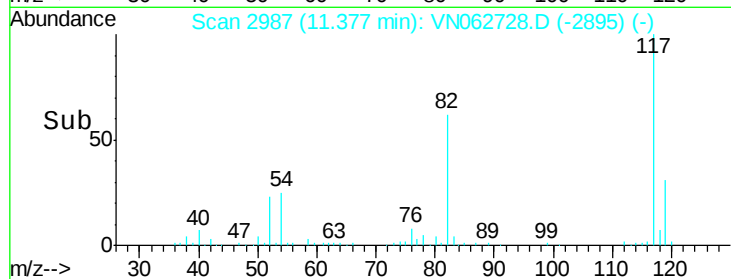
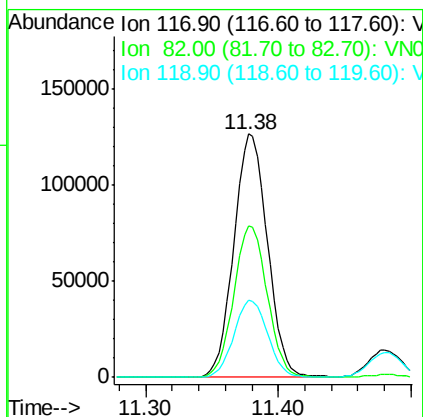
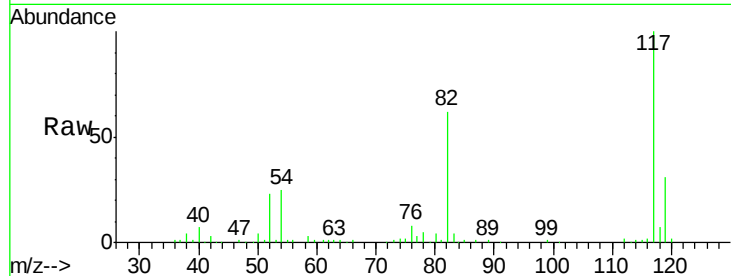




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

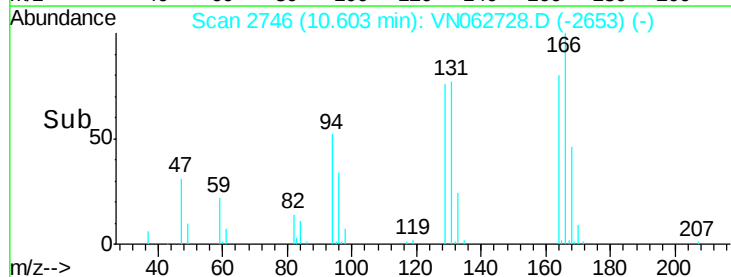
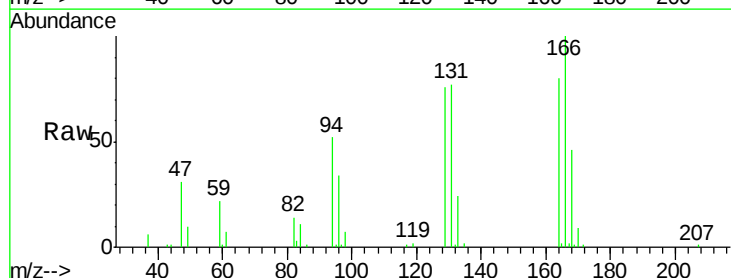
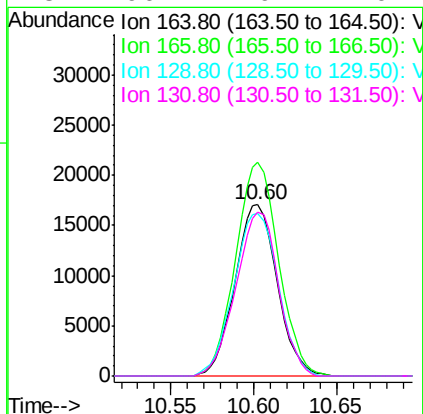
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBS01

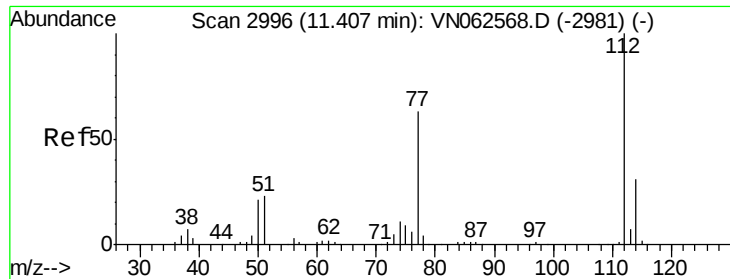
Tot Ion:117 Resp: 223105
Ion Ratio Lower Upper
117 100
82 62.5 49.0 73.6
119 31.5 25.4 38.2



#64
Tetrachloroethene
Concen: 20.912 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

Tgt Ion:164 Resp: 30313
Ion Ratio Lower Upper
164 100
166 124.9 104.4 156.6
129 94.8 81.0 121.4
131 96.2 79.4 119.2

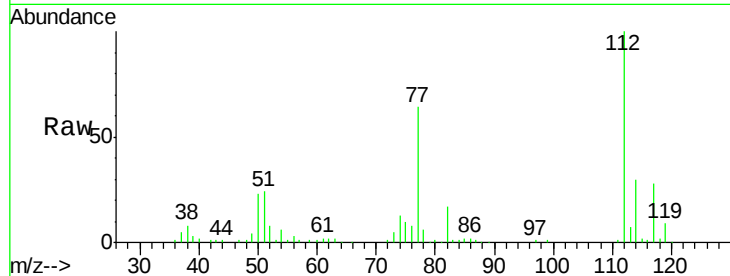




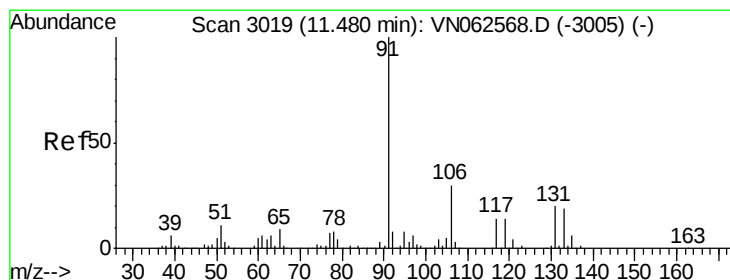
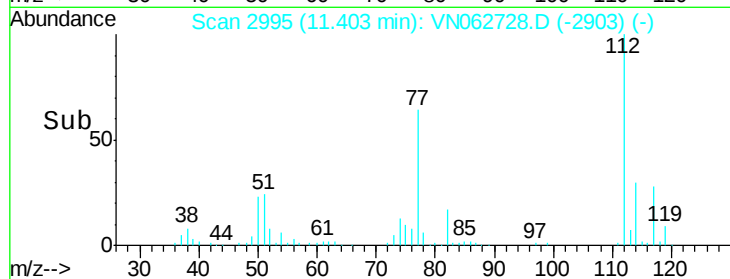
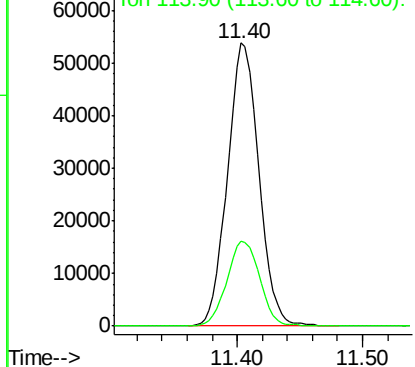
#65
Chlorobenzene
Concen: 19.981 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

Instrument :
MSVOA_N
ClientSampled :
VN0803WBS01

Tot Ion:112 Resp: 93454
Ion Ratio Lower Upper
112 100
114 30.2 25.1 37.7

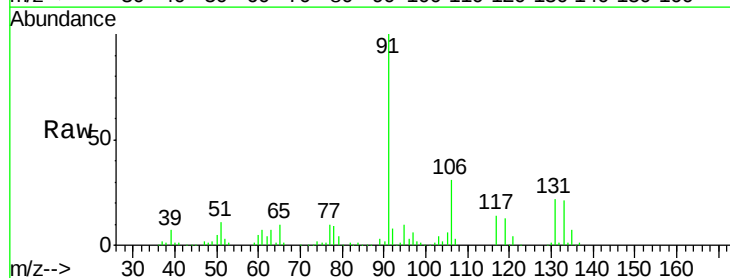


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

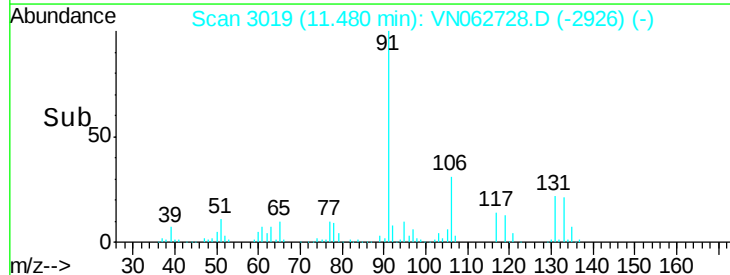
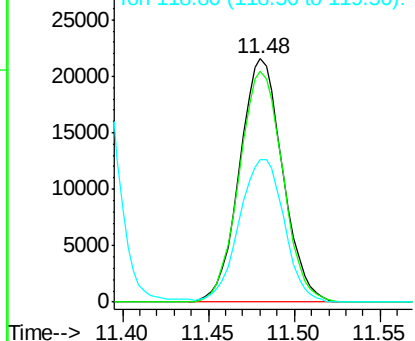


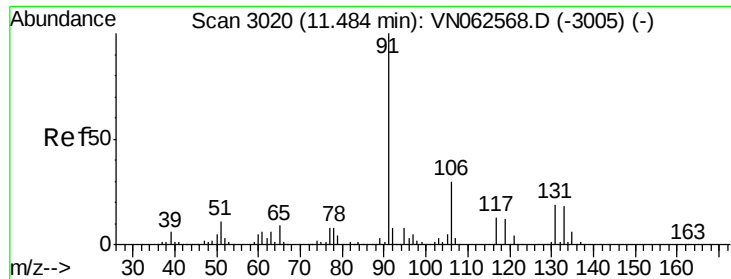
#66
1,1,1,2-Tetrachloroethane
Concen: 21.363 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

Tgt Ion:131 Resp: 37590
Ion Ratio Lower Upper
131 100
133 95.9 47.3 142.0
119 61.0 33.7 101.0



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

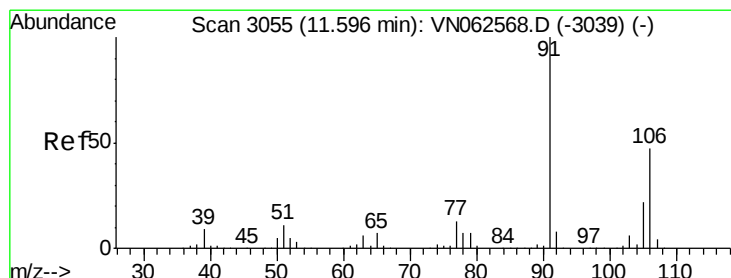
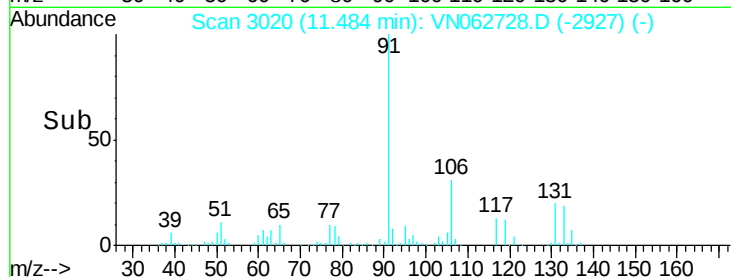
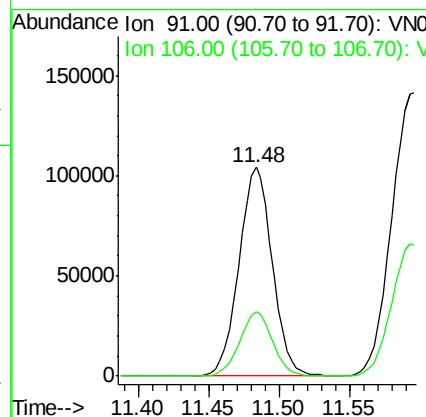
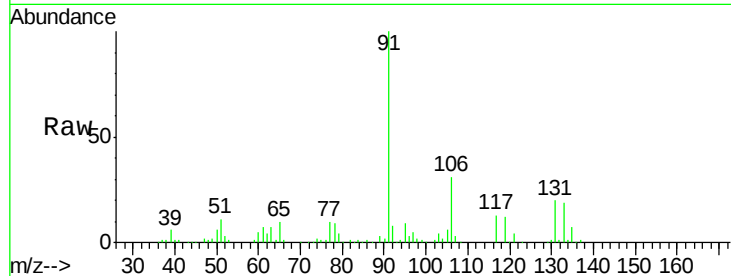




#67
Ethyl Benzene
Concen: 20.067 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

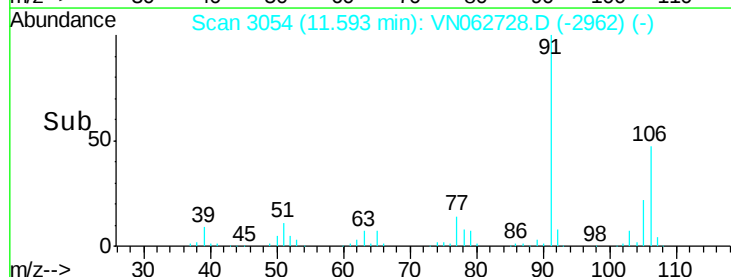
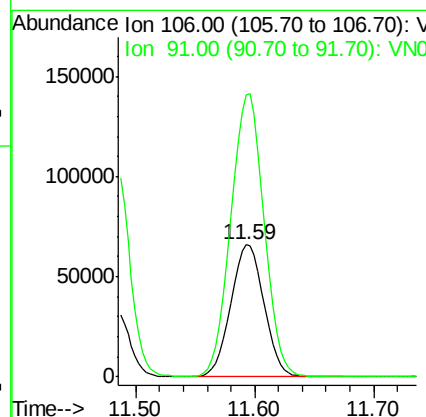
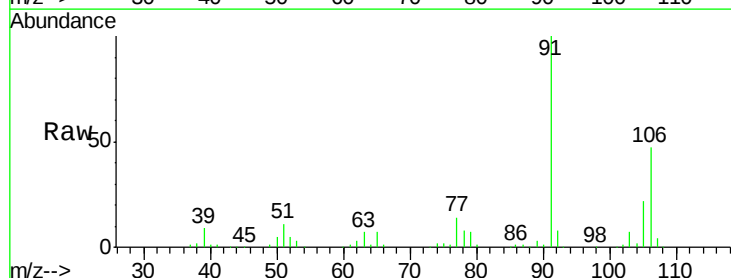
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBS01

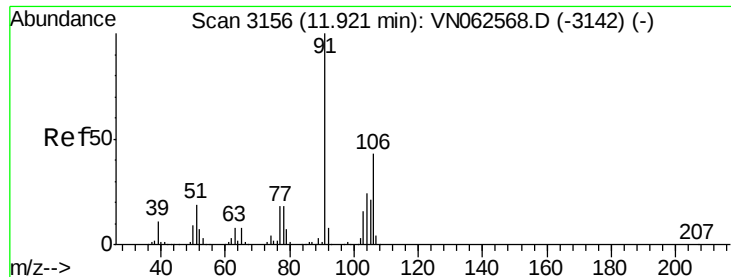
Tot Ion: 91 Resp: 172090
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.8



#68
m/p-Xylenes
Concen: 41.457 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

Tgt Ion: 106 Resp: 127785
Ion Ratio Lower Upper
106 100
91 213.7 171.4 257.2

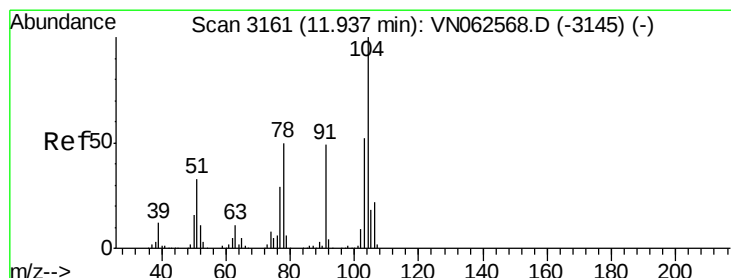
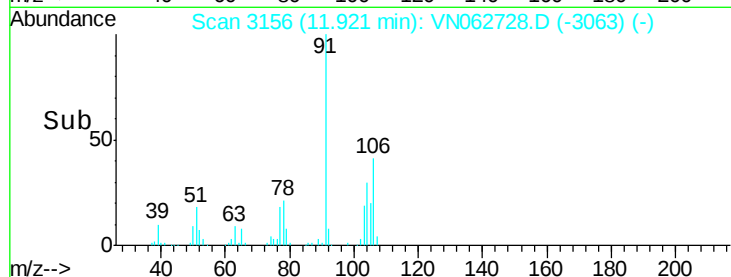
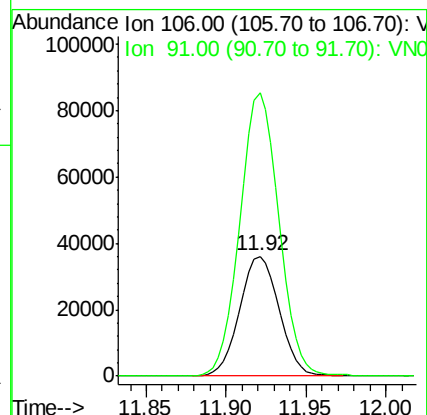
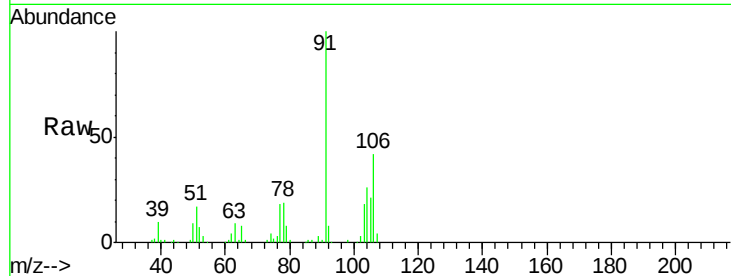




#69
o-Xylene
Concen: 20.738 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

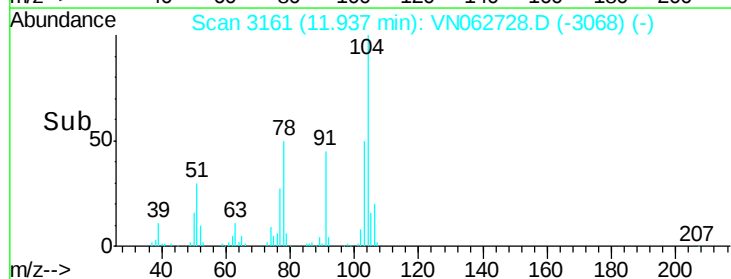
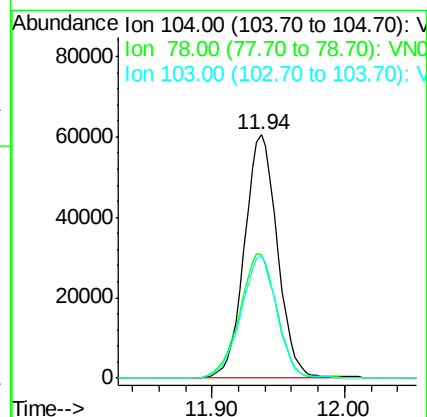
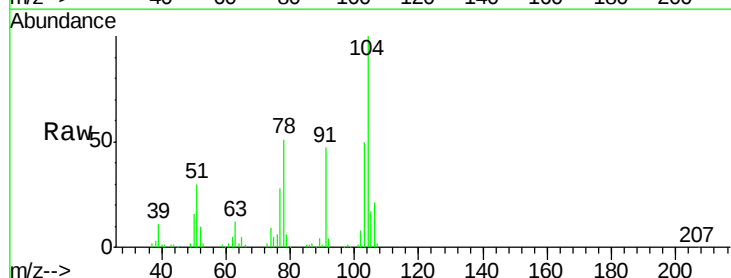
Instrument :
MSVOA_N
ClientSampled :
VN0803WBS01

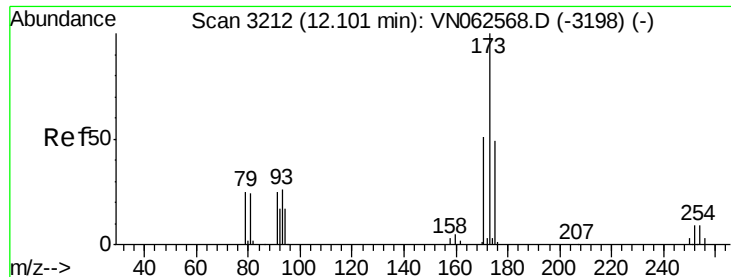
Tot Ion:106 Resp: 60701
Ion Ratio Lower Upper
106 100
91 233.4 113.8 341.2



#70
Styrene
Concen: 21.097 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

Tgt Ion:104 Resp: 104313
Ion Ratio Lower Upper
104 100
78 57.2 43.8 65.6
103 54.9 44.0 66.0





#71

Bromoform

Concen: 21.488 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBS01

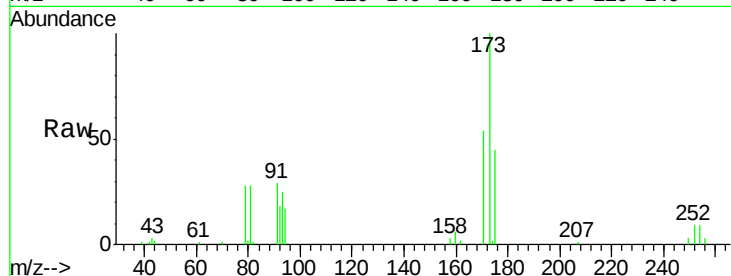
Tot Ion:173 Resp: 28388

Ion Ratio Lower Upper

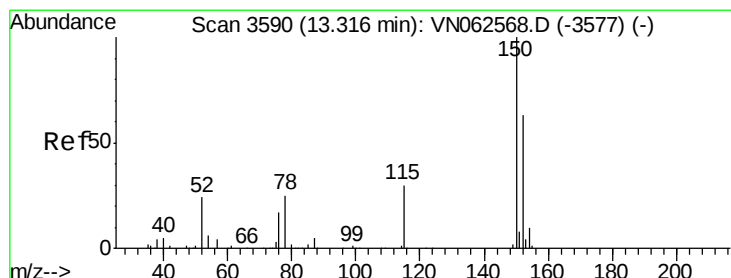
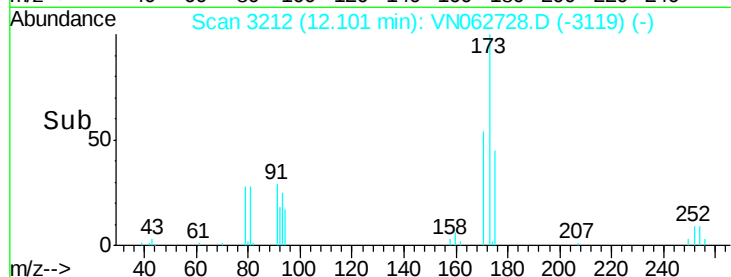
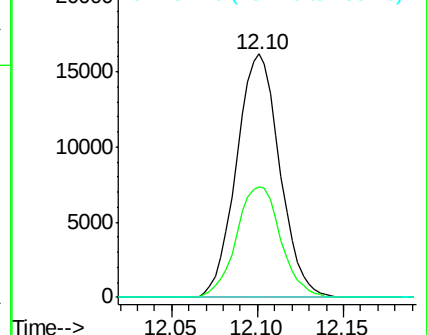
173 100

175 46.4 24.1 72.2

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

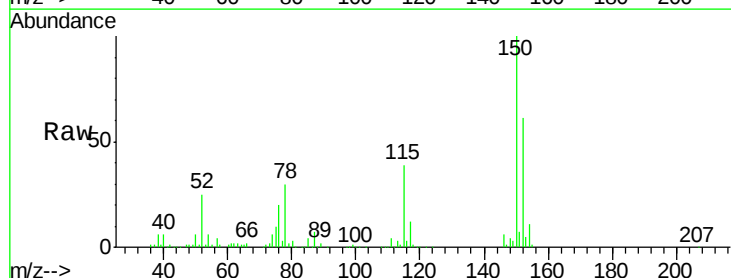
Tgt Ion:152 Resp: 104330

Ion Ratio Lower Upper

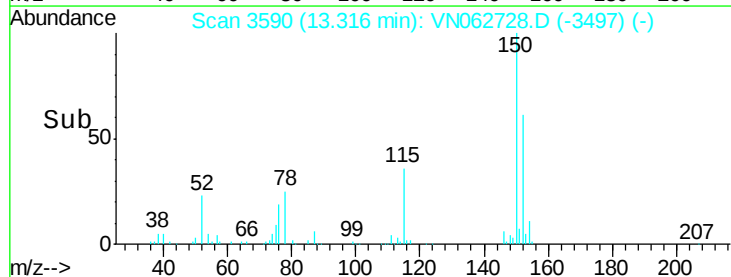
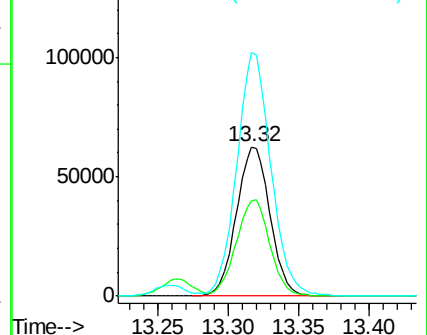
152 100

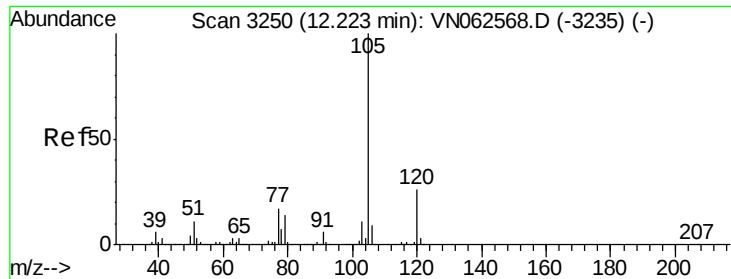
115 65.0 31.8 95.4

150 165.4 0.0 351.4



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





#73

Isopropylbenzene

Concen: 20.783 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampleId :

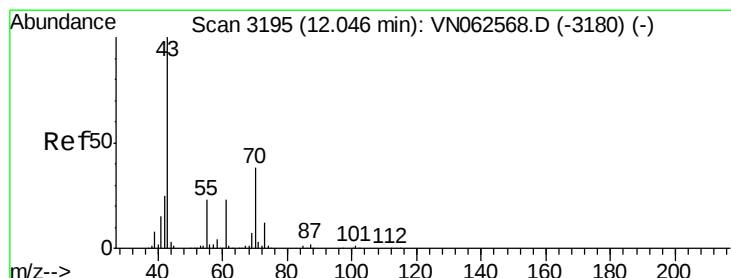
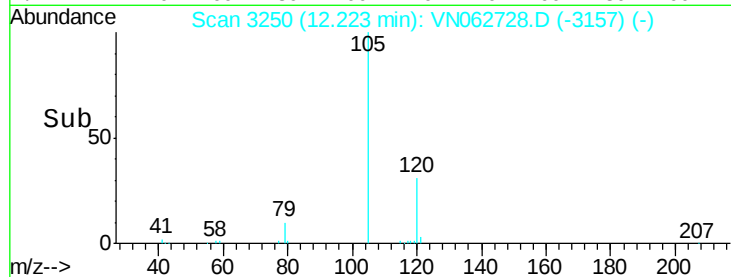
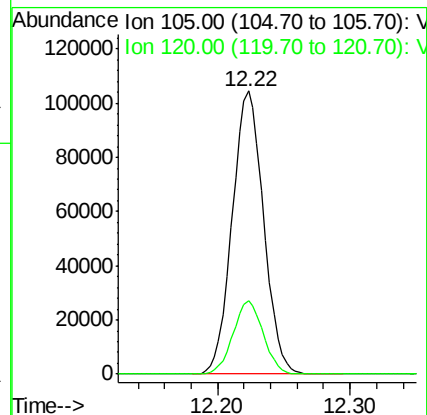
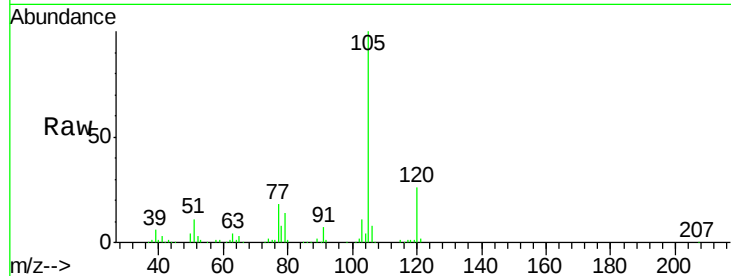
VN0803WBS01

Tot Ion:105 Resp: 171452

Ion Ratio Lower Upper

105 100

120 24.9 12.8 38.4



#74

N-ethyl acetate

Concen: 18.159 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Tgt Ion: 43 Resp: 66901

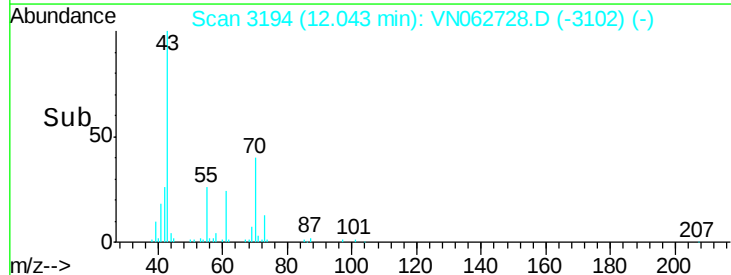
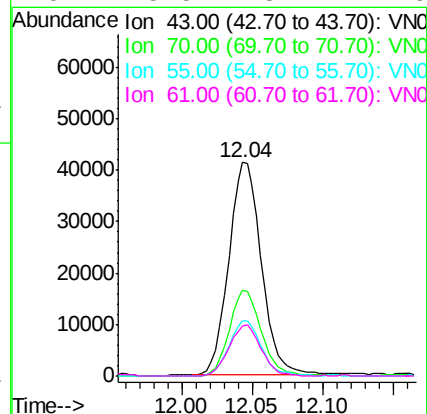
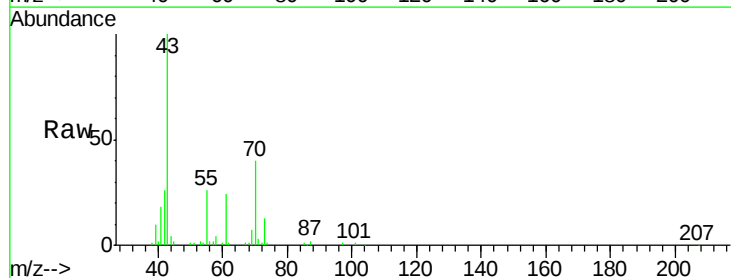
Ion Ratio Lower Upper

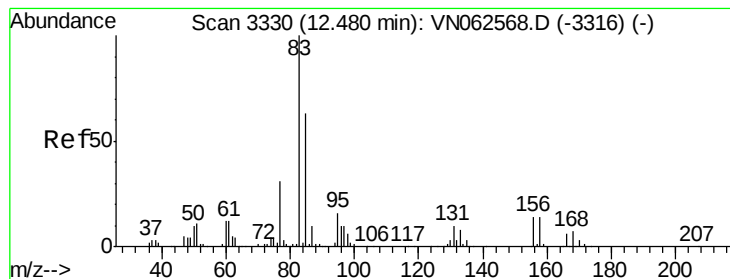
43 100

70 39.4 30.5 45.7

55 25.9 19.0 28.6

61 23.5 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.742 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampled :

VN0803WBS01

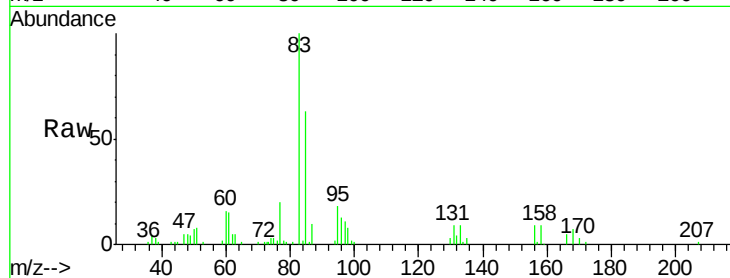
Tot Ion: 83 Resp: 53728

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

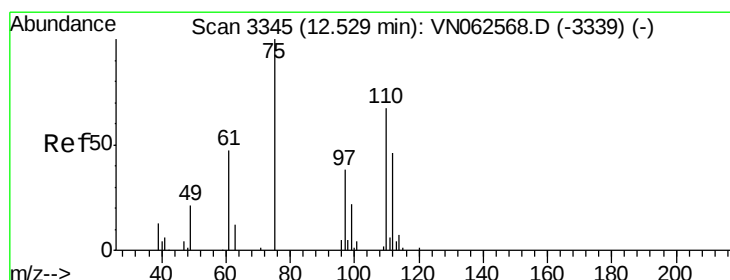
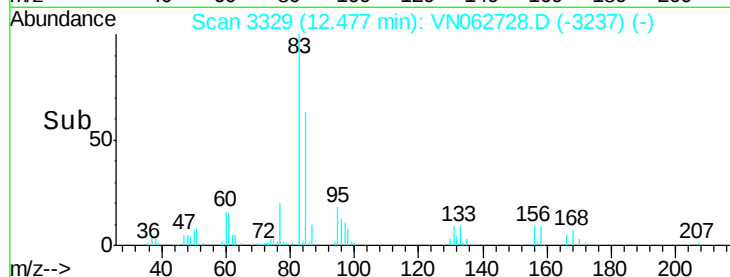
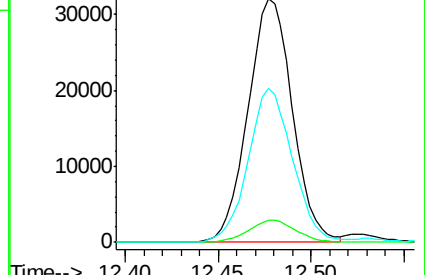
85 63.0 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.475 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN062728.D

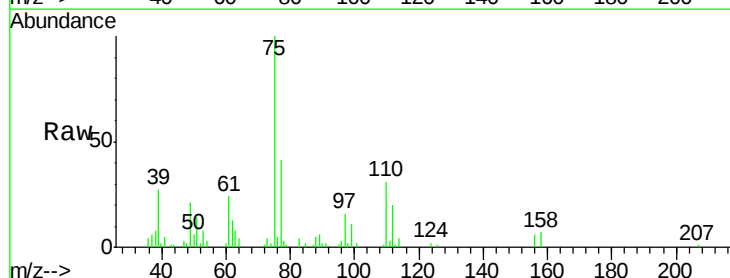
Acq: 3 Aug 2020 12:07

Tgt Ion: 75 Resp: 72961

Ion Ratio Lower Upper

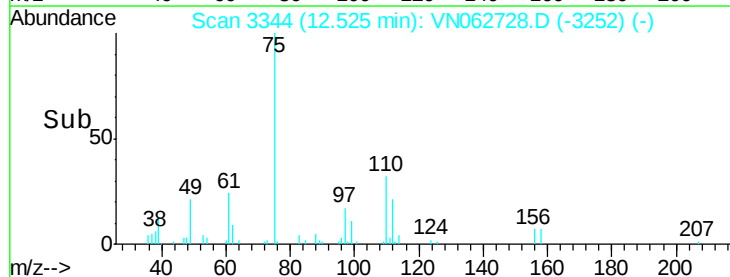
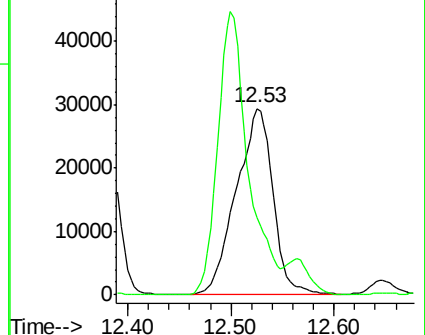
75 100

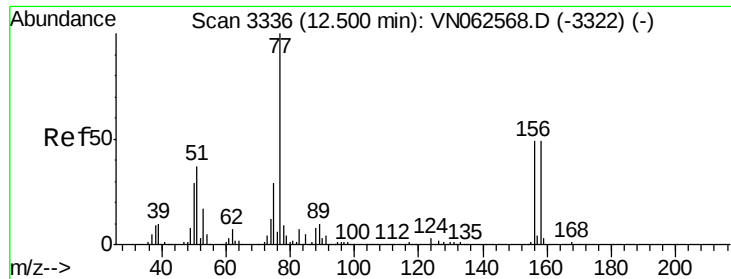
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.628 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBS01

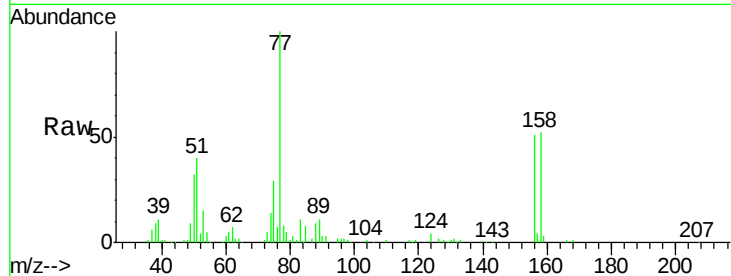
Tot Ion:156 Resp: 38913

Ion Ratio Lower Upper

156 100

77 235.8 122.8 368.3

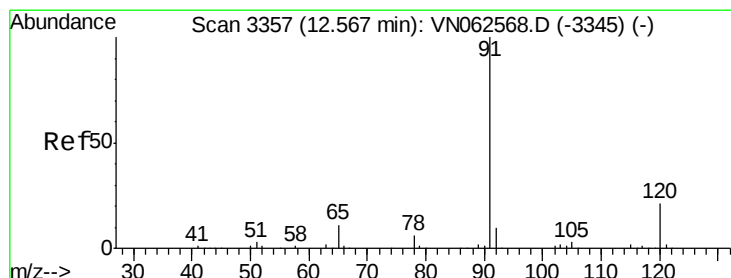
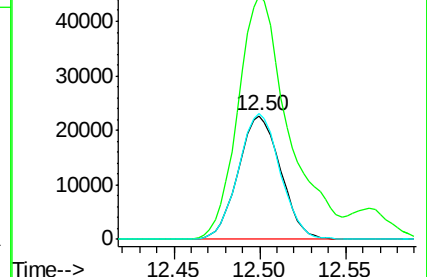
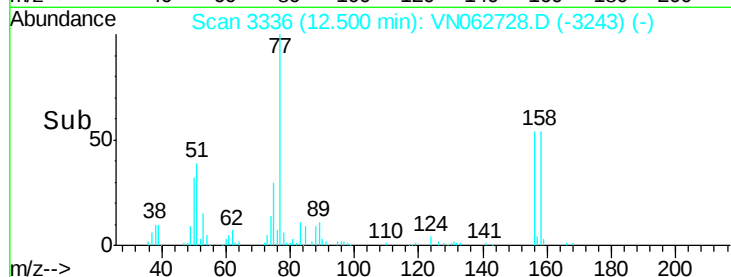
158 100.6 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.485 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062728.D

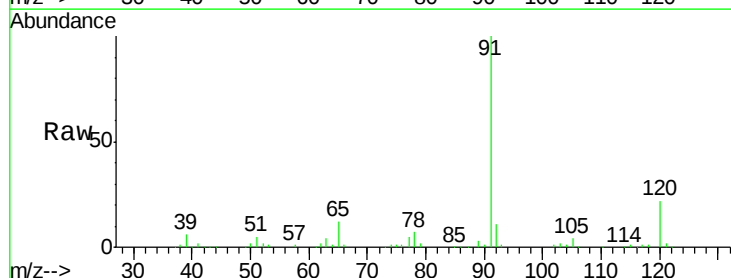
Acq: 3 Aug 2020 12:07

Tgt Ion: 91 Resp: 197946

Ion Ratio Lower Upper

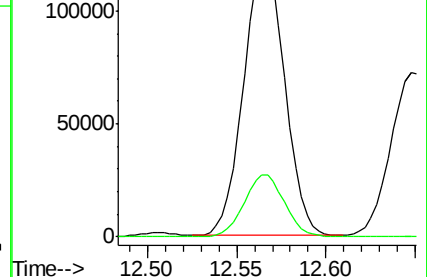
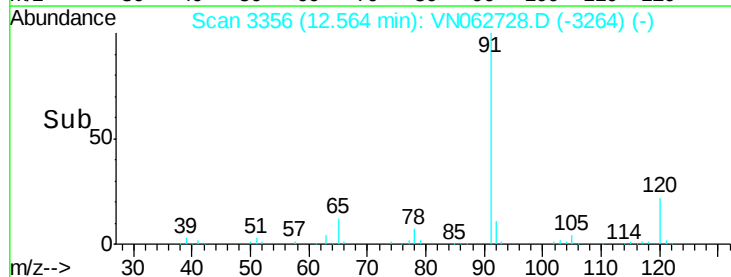
91 100

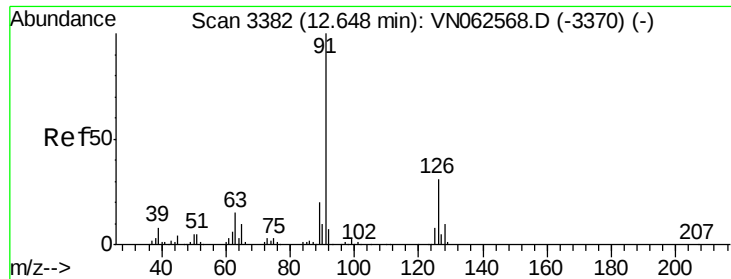
120 22.1 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

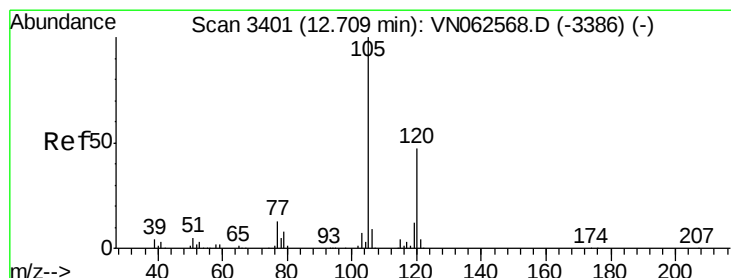
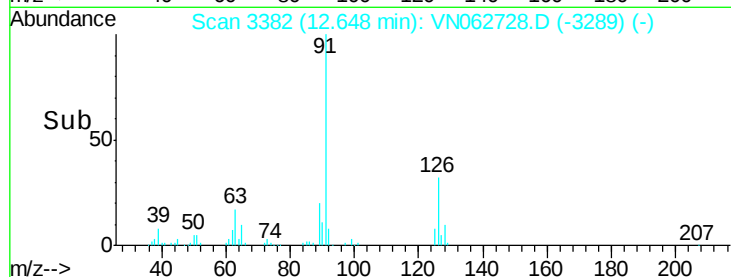
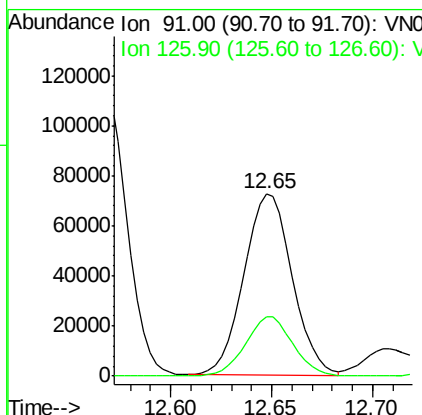
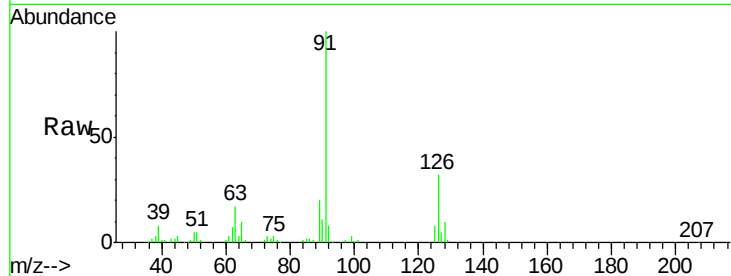




#79
 2-Chlorotoluene
 Concen: 20.412 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

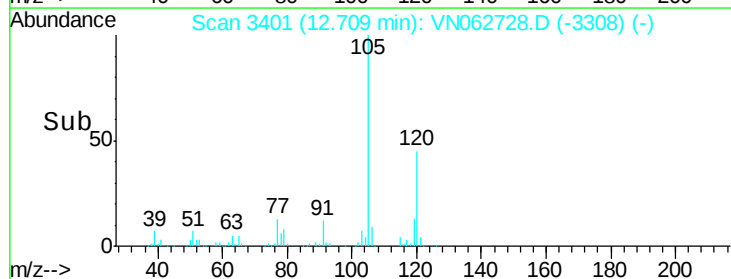
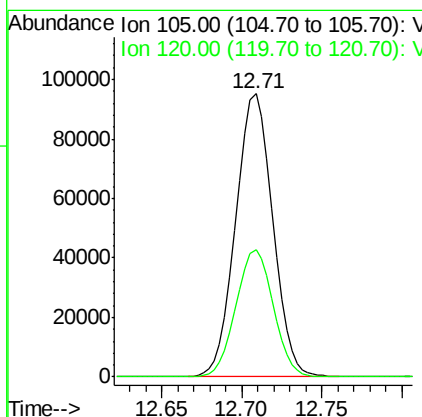
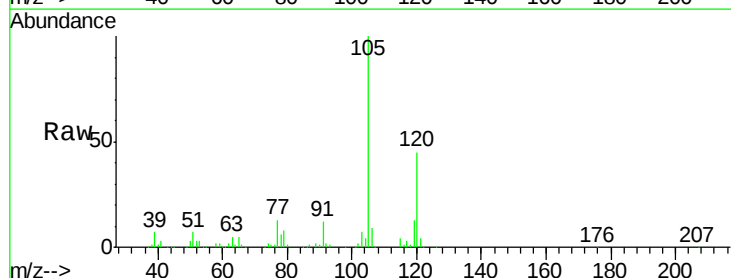
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBS01

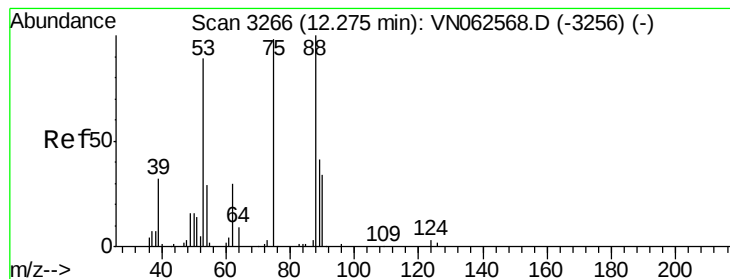
Tot Ion: 91 Resp: 121557
 Ion Ratio Lower Upper
 91 100
 126 32.2 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 21.956 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

Tgt Ion: 105 Resp: 150244
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.915 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampled :

VN0803WBS01

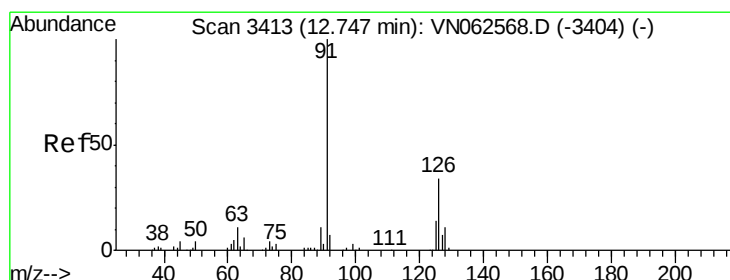
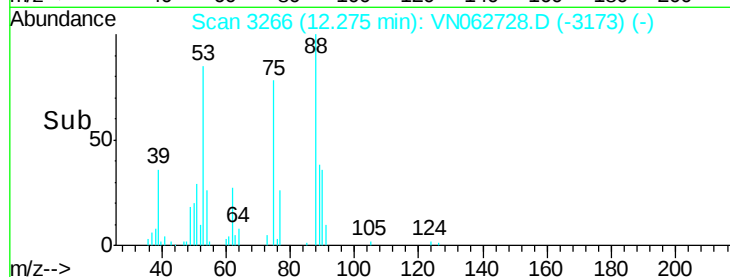
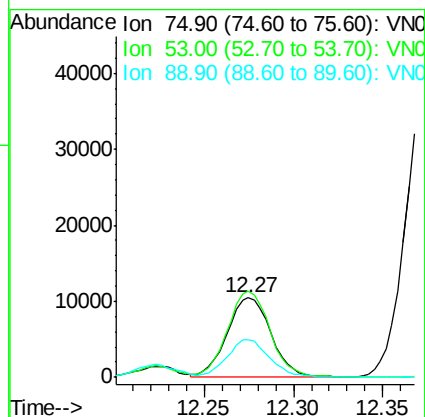
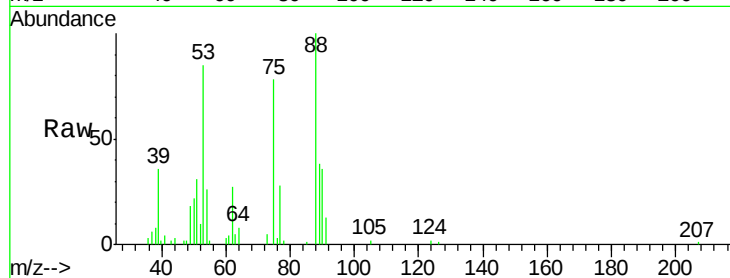
Tot Ion: 75 Resp: 18044

Ion Ratio Lower Upper

75 100

53 104.7 75.4 113.0

89 45.5 34.5 51.7



#82

4-Chlorotoluene

Concen: 20.068 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062728.D

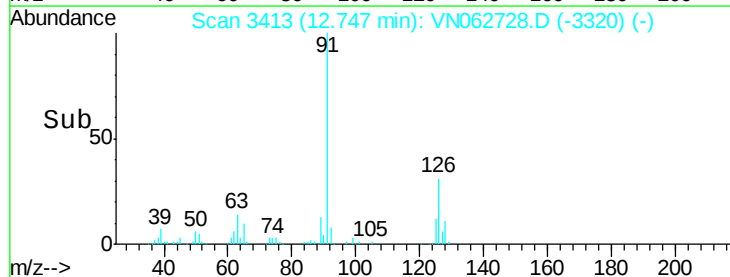
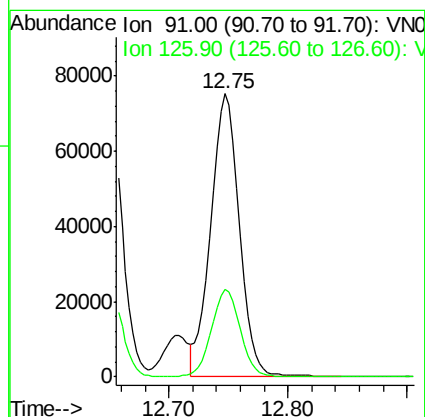
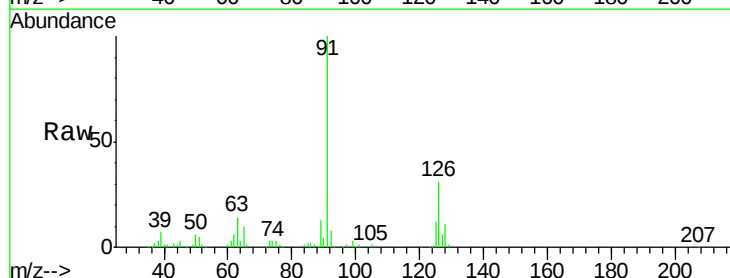
Acq: 3 Aug 2020 12:07

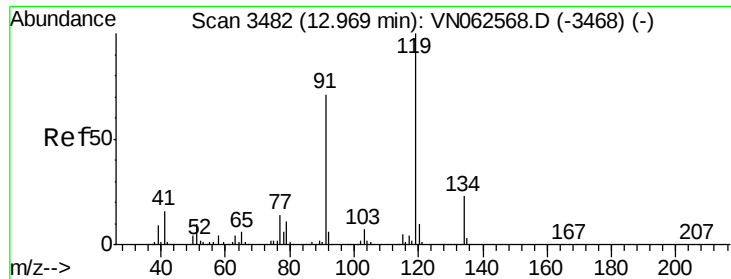
Tgt Ion: 91 Resp: 124393

Ion Ratio Lower Upper

91 100

126 31.1 15.4 46.4

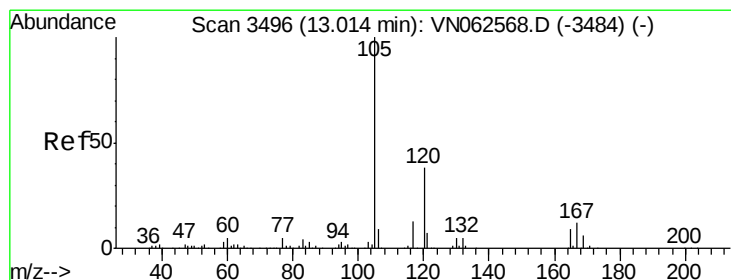
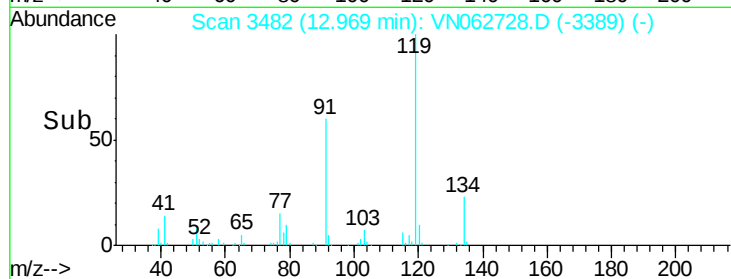
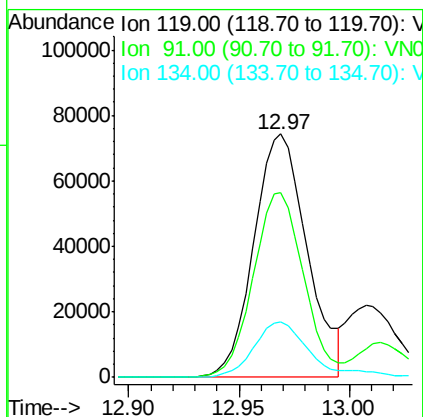
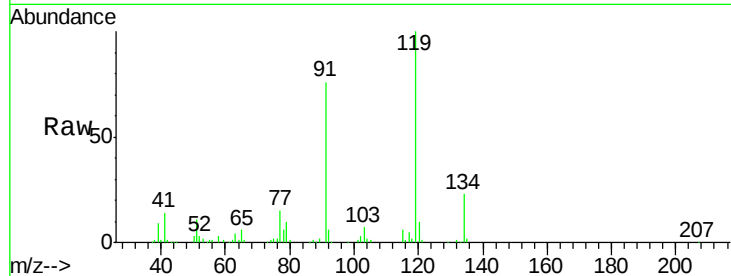




#83
tert-Butylbenzene
Concen: 21.939 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

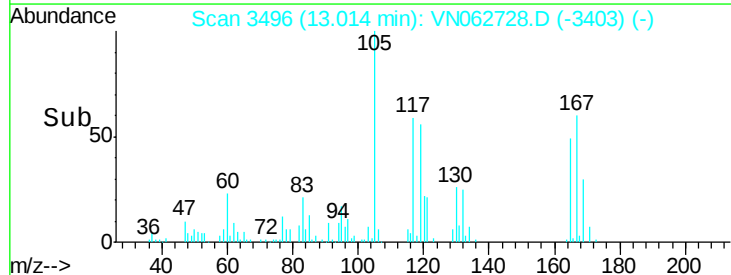
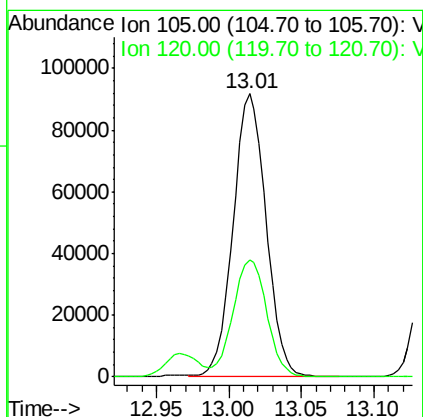
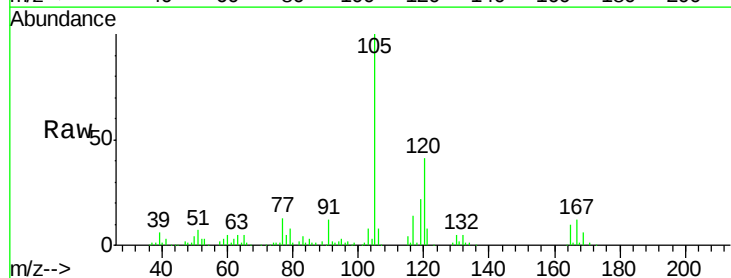
Instrument :
MSVOA_N
ClientSampled :
VN0803WBS01

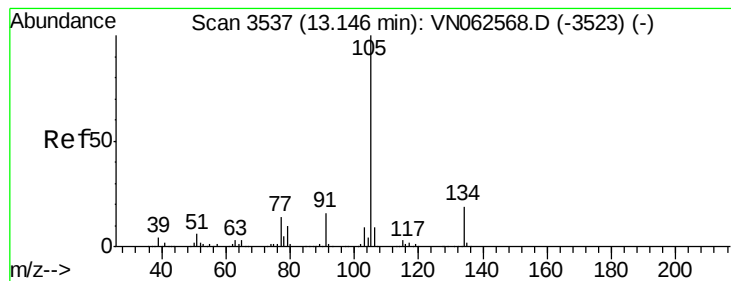
Tot Ion:119 Resp: 124658
Ion Ratio Lower Upper
119 100
91 71.5 34.6 103.8
134 22.5 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 21.441 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

Tgt Ion:105 Resp: 143929
Ion Ratio Lower Upper
105 100
120 42.8 22.1 66.3





#85

sec-Butylbenzene

Concen: 21.486 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampled :

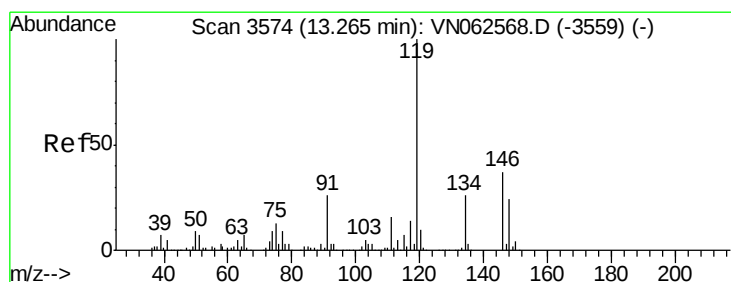
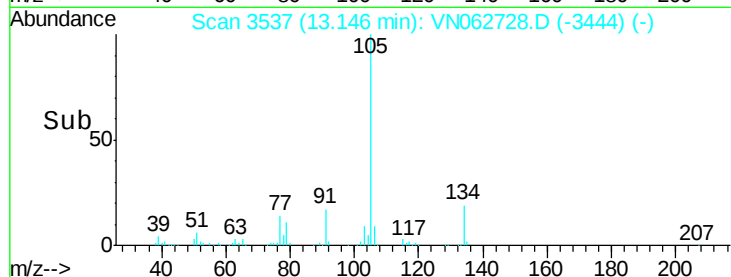
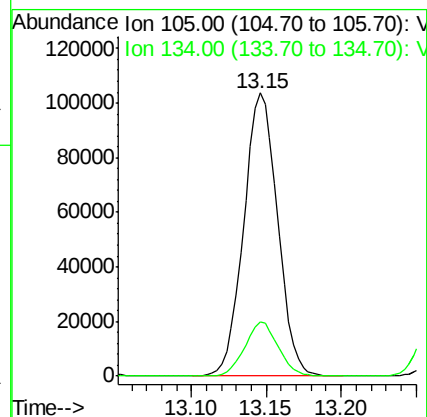
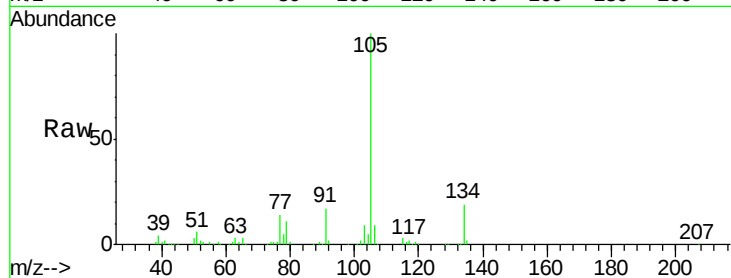
VN0803WBS01

Tot Ion:105 Resp: 163449

Ion Ratio Lower Upper

105 100

134 18.8 9.5 28.5



#86

p-Isopropyltoluene

Concen: 22.556 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

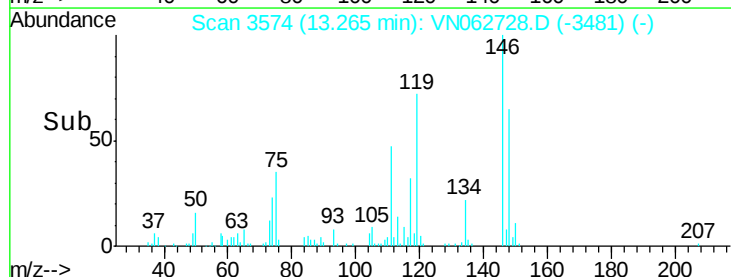
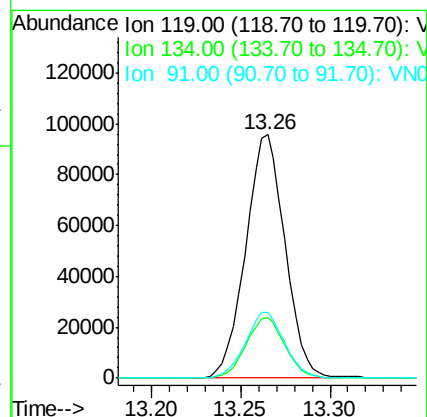
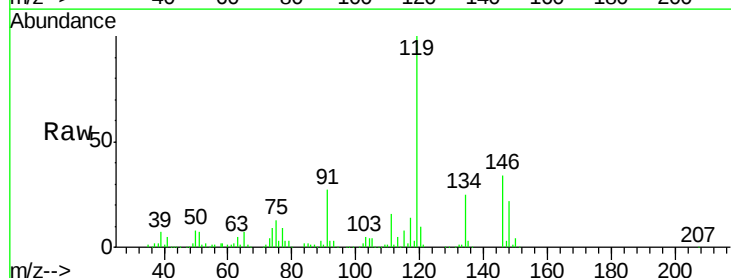
Tgt Ion:119 Resp: 147576

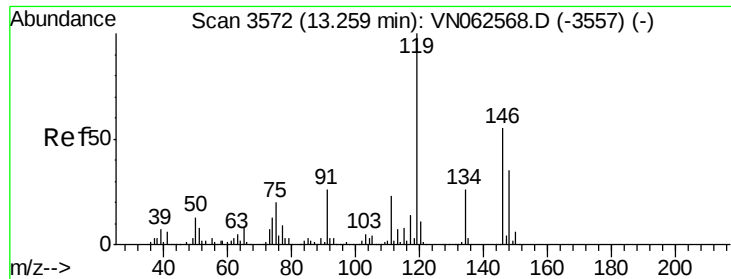
Ion Ratio Lower Upper

119 100

134 24.6 12.8 38.4

91 26.9 12.7 38.1

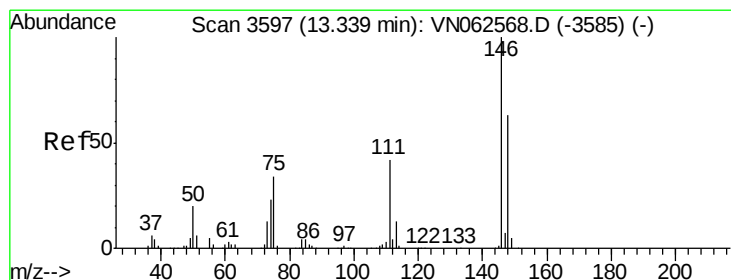
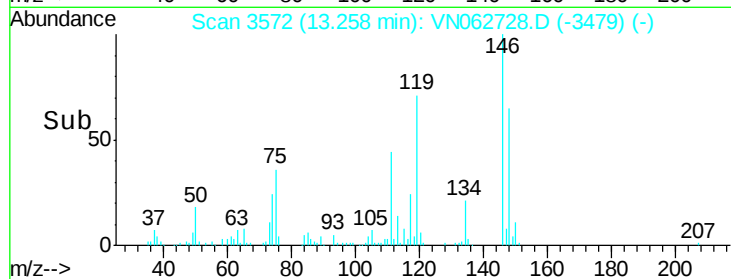
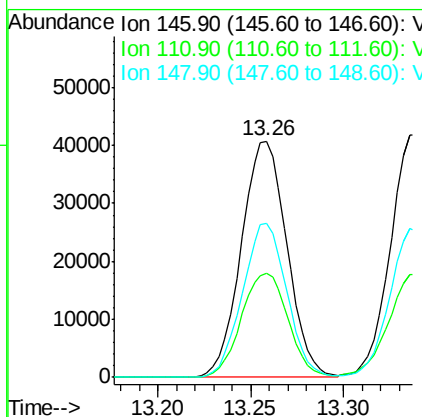
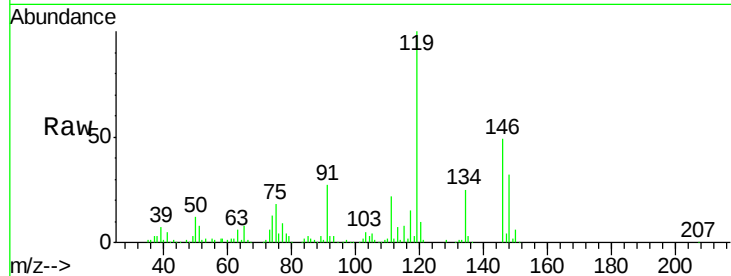




#87
 1,3-Dichlorobenzene
 Concen: 20.049 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

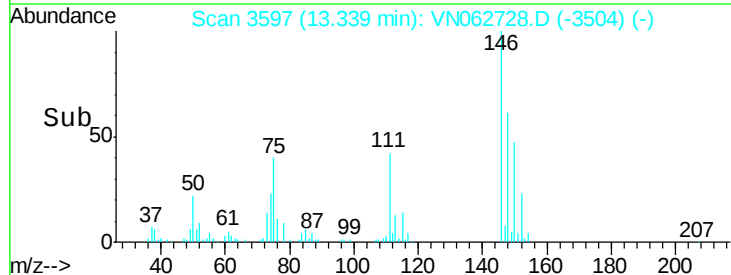
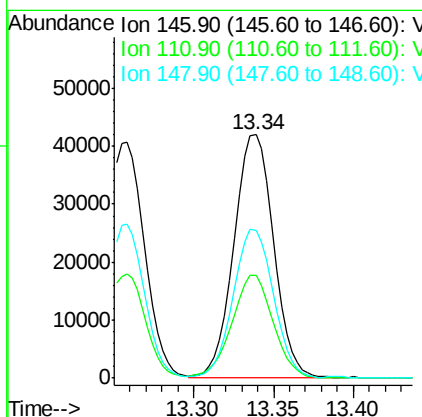
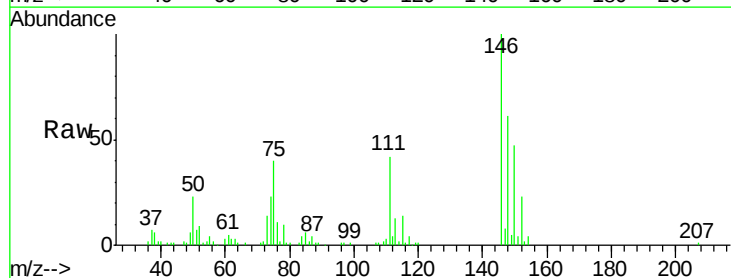
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBS01

Tot Ion:146 Resp: 69749
 Ion Ratio Lower Upper
 146 100
 111 45.0 21.6 64.6
 148 63.2 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 20.793 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

Tgt Ion:146 Resp: 71211
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.1 63.1
 148 61.9 31.6 94.8

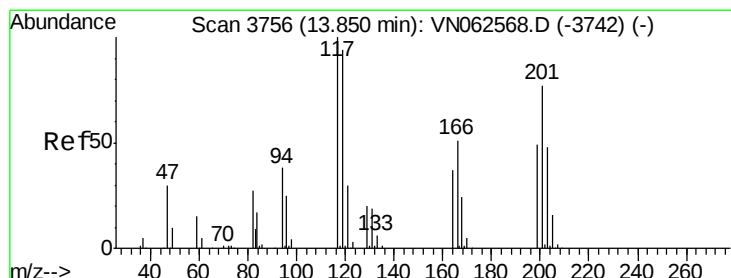
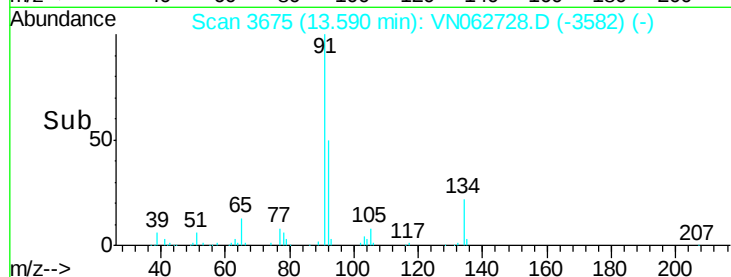
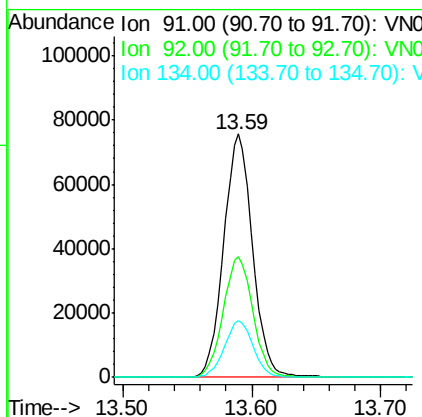
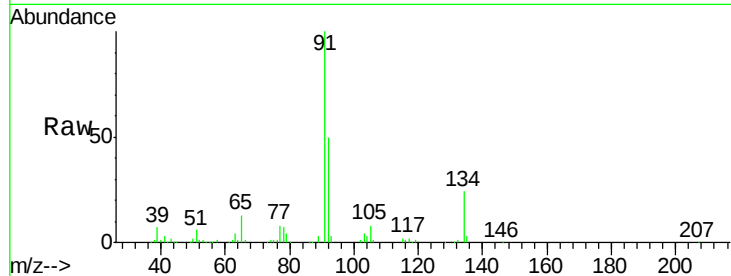




#89
n-Butylbenzene
Concen: 20.888 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

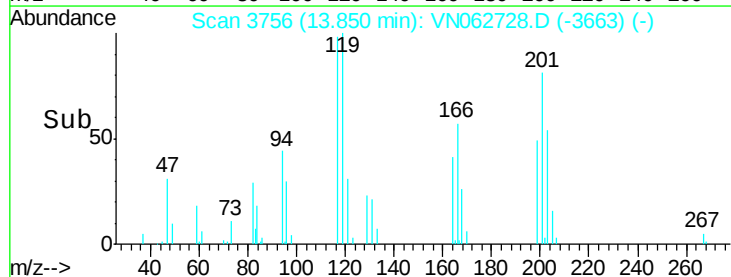
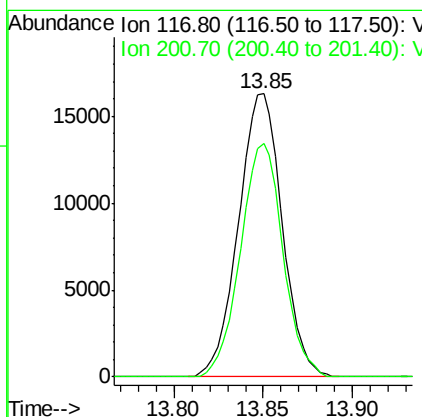
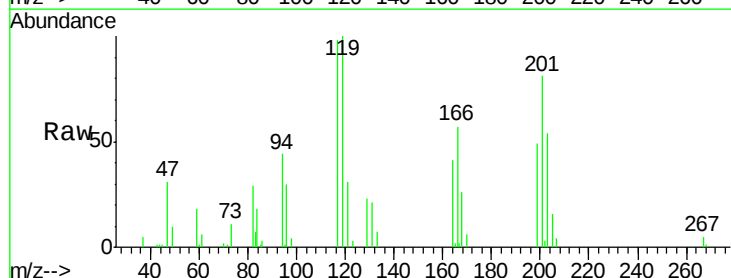
Instrument :
MSVOA_N
ClientSampled :
VN0803WBS01

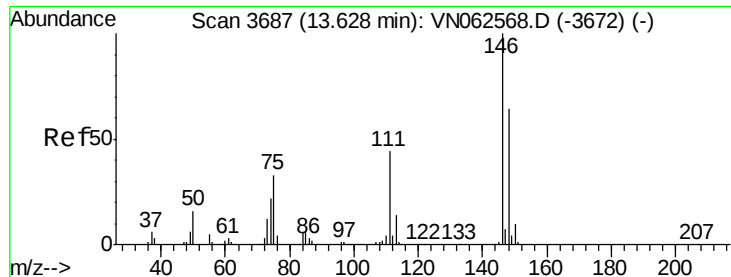
Tot Ion: 91 Resp: 117427
Ion Ratio Lower Upper
91 100
92 51.2 25.8 77.3
134 23.0 11.8 35.3



#90
Hexachloroethane
Concen: 19.927 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

Tgt Ion: 117 Resp: 27754
Ion Ratio Lower Upper
117 100
201 80.2 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 20.155 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

Instrument :

MSVOA_N

ClientSampled :

VN0803WBS01

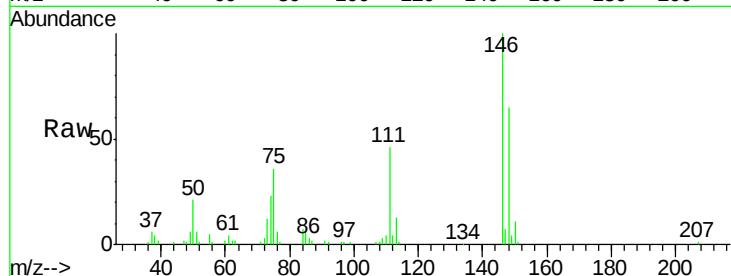
Tot Ion:146 Resp: 67048

Ion Ratio Lower Upper

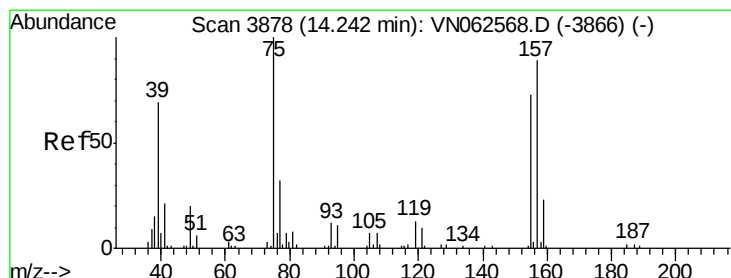
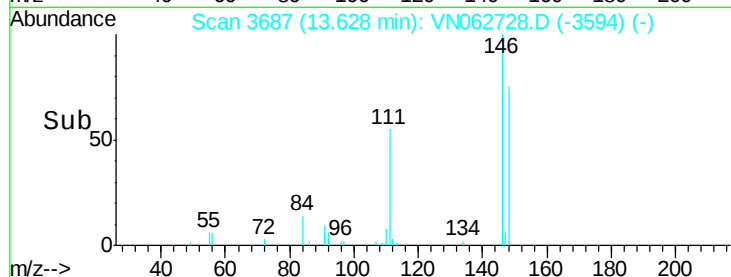
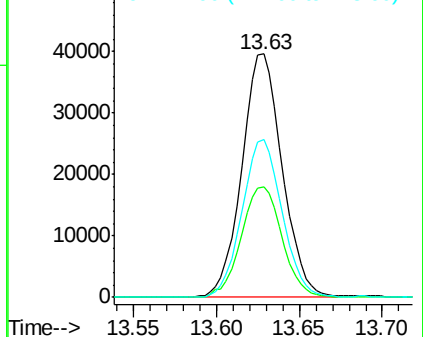
146 100

111 46.0 21.9 65.8

148 64.4 31.6 94.7



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.824 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN062728.D

Acq: 3 Aug 2020 12:07

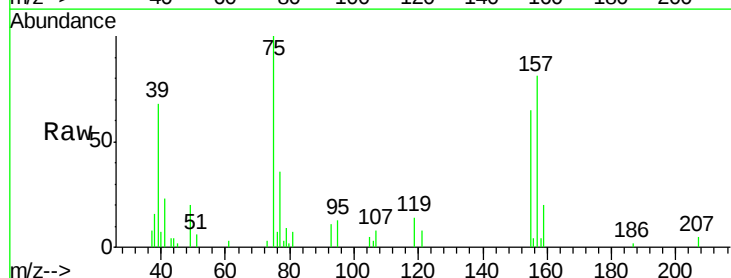
Tgt Ion: 75 Resp: 11359

Ion Ratio Lower Upper

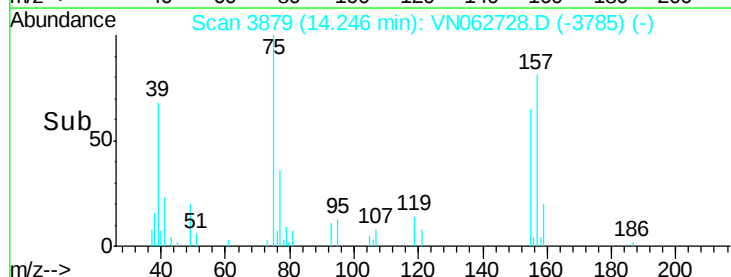
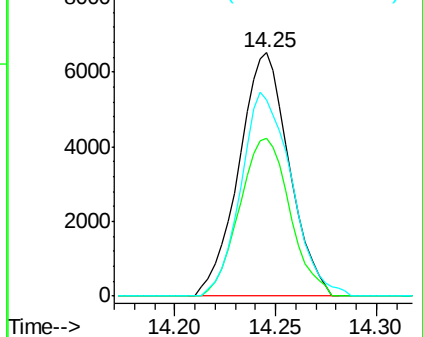
75 100

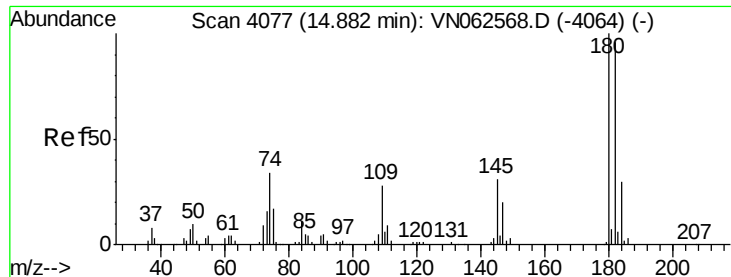
155 65.0 35.9 107.5

157 84.3 45.0 135.0



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

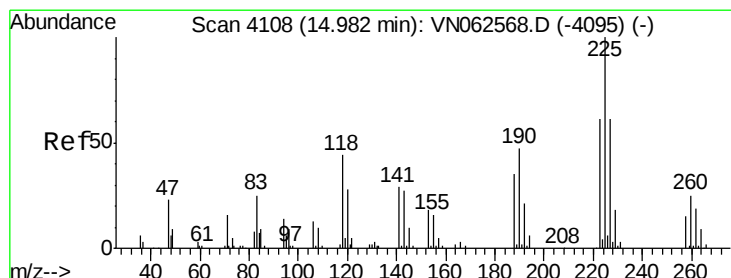
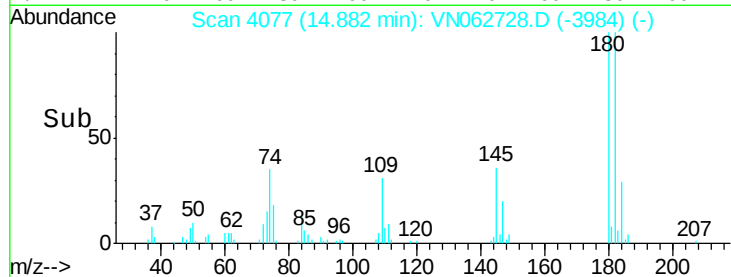
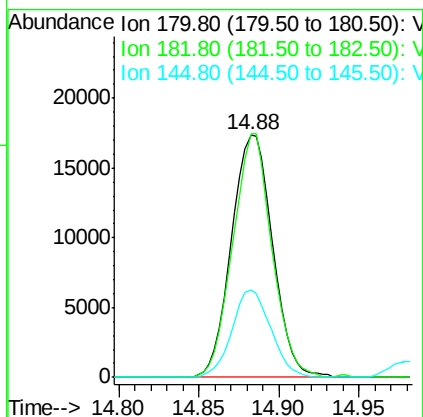
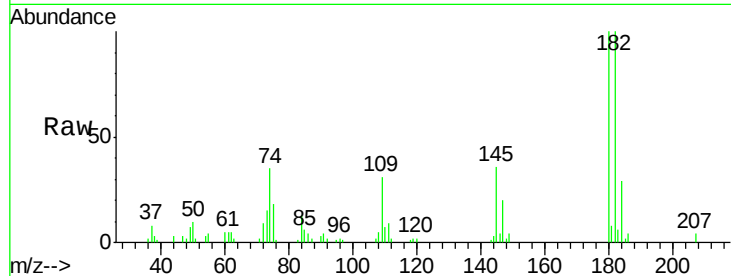




#93
 1,2,4-Trichlorobenzene
 Concen: 19.390 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

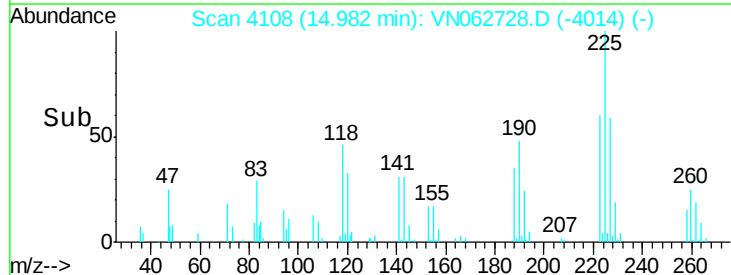
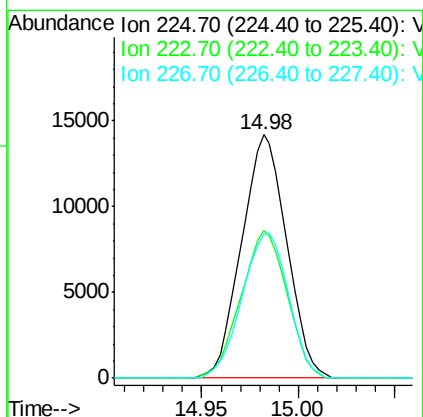
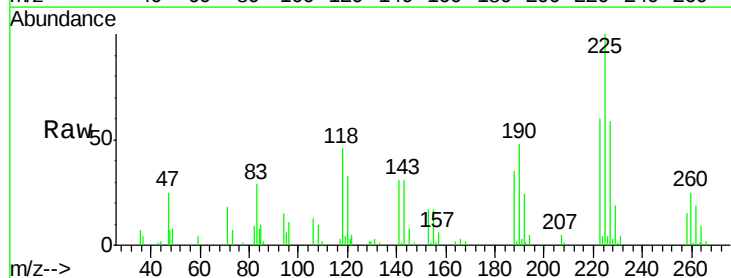
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBS01

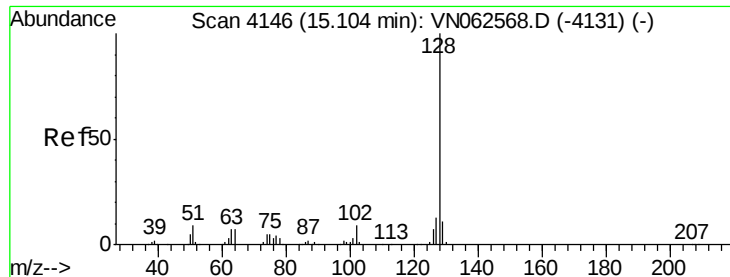
Tot Ion:180 Resp: 30372
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.8 143.3
 145 34.1 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 25.392 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062728.D
 Acq: 3 Aug 2020 12:07

Tgt Ion:225 Resp: 23044
 Ion Ratio Lower Upper
 225 100
 223 62.0 32.0 96.0
 227 61.2 31.1 93.2

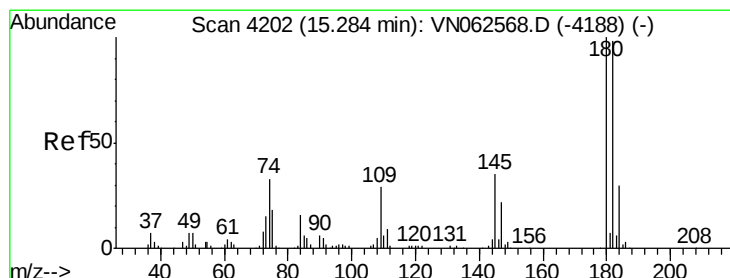
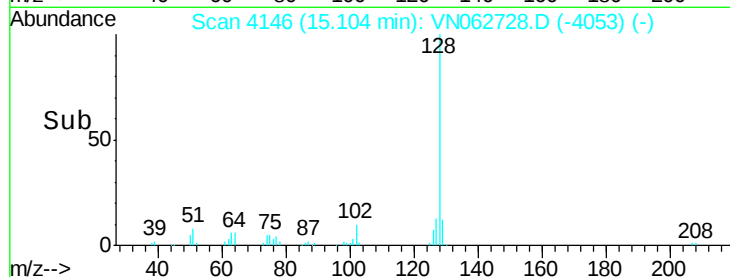
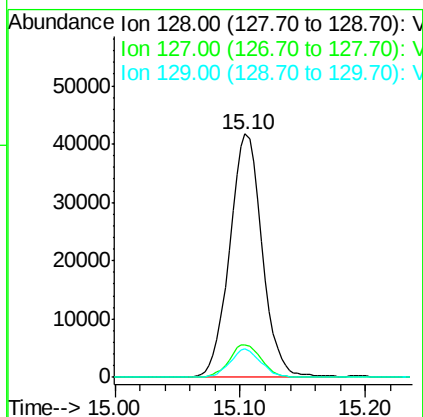
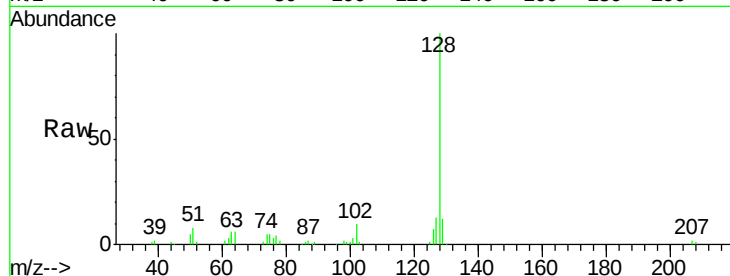




#95
Naphthalene
Concen: 18.726 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

Instrument :
MSVOA_N
ClientSampled :
VN0803WBS01

Tot Ion:128 Resp: 75079
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.036 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062728.D
Acq: 3 Aug 2020 12:07

Tgt Ion:180 Resp: 29843
Ion Ratio Lower Upper
180 100
182 100.4 48.1 144.3
145 35.3 16.7 50.1

