

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072820\
 Data File : VN062626.D
 Acq On : 28 Jul 2020 10:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Jul 28 16:03:02 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	194102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	304027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	287397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	136576	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	
35) Dibromofluoromethane	7.54	113	94550	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
50) Toluene-d8	10.06	98	374237	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
62) 4-Bromofluorobenzene	12.37	95	130423	44.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	108787	46.987	ug/l	99
3) Chloromethane	2.03	50	128825	41.024	ug/l	97
4) Vinyl Chloride	2.16	62	120761	44.360	ug/l	99
5) Bromomethane	2.53	94	57380	47.589	ug/l	98
6) Chloroethane	2.67	64	57229	46.475	ug/l	99
7) Trichlorofluoromethane	2.98	101	162105	50.717	ug/l	100
8) Diethyl Ether	3.37	74	70326	47.052	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	103411	50.463	ug/l	99
10) Methyl Iodide	3.91	142	107249	40.936	ug/l	97
11) Tert butyl alcohol	4.73	59	93477	194.877	ug/l	99
12) 1,1-Dichloroethene	3.69	96	97191	46.764	ug/l	98
13) Acrolein	3.56	56	145444	289.380	ug/l	99
14) Allyl chloride	4.27	41	199547	44.387	ug/l	97
15) Acrylonitrile	4.92	53	291067	226.549	ug/l	99
16) Acetone	3.77	43	302296	266.417	ug/l	100
17) Carbon Disulfide	4.01	76	295856	43.325	ug/l	99
18) Methyl Acetate	4.28	43	128523	44.742	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	364693	47.675	ug/l	99
20) Methylene Chloride	4.50	84	116235	42.711	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	108609	47.084	ug/l	95
22) Diisopropyl ether	5.90	45	401667	44.949	ug/l	97
23) Vinyl Acetate	5.84	43	1695992	231.626	ug/l	99
24) 1,1-Dichloroethane	5.80	63	220102	45.739	ug/l	100
25) 2-Butanone	6.78	43	404025	233.801	ug/l	98
26) 2,2-Dichloropropane	6.77	77	193697	49.033	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	119638	45.452	ug/l	98
28) Bromochloromethane	7.15	49	106484	44.964	ug/l	97
29) Tetrahydrofuran	7.16	42	258828	221.350	ug/l	98
30) Chloroform	7.33	83	213601	46.685	ug/l	99
31) Cyclohexane	7.61	56	198240	44.619	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	188495	49.345	ug/l	99
36) 1,1-Dichloropropene	7.75	75	166665	51.430	ug/l	99
37) Ethyl Acetate	6.88	43	166716	47.726	ug/l	100
38) Carbon Tetrachloride	7.73	117	165579	53.157	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	186099	53.348	ug/l	98
40) Benzene	8.00	78	472767	48.188	ug/l	99
41) Methacrylonitrile	7.12	41	75152	50.198	ug/l	93
42) 1,2-Dichloroethane	8.09	62	181233	50.528	ug/l	100
43) Isopropyl Acetate	8.12	43	275757	48.969	ug/l	99
44) Trichloroethene	8.80	130	110285	49.847	ug/l	99
45) 1,2-Dichloropropane	9.08	63	132519	48.109	ug/l	100
46) Dibromomethane	9.17	93	79214	49.755	ug/l	98
47) Bromodichloromethane	9.37	83	175326	50.831	ug/l	100
48) Methyl methacrylate	9.17	41	132137	49.362	ug/l	99
49) 1,4-Dioxane	9.16	88	33030	803.367	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	824375	244.663	ug/l	99
52) Toluene	10.12	92	291893	51.238	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	202950	52.856	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	212757	51.639	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	112505	50.913	ug/l	97
56) Ethyl methacrylate	10.40	69	185754	46.928	ug/l	98
57) 1,3-Dichloropropane	10.68	76	204800	50.589	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	327679	272.427	ug/l	99
59) 2-Hexanone	10.72	43	627394	240.877	ug/l	100
60) Dibromochloromethane	10.87	129	127315	51.646	ug/l	98
61) 1,2-Dibromoethane	10.98	107	113318	49.247	ug/l	98
64) Tetrachloroethene	10.60	164	94937	50.842	ug/l	97
65) Chlorobenzene	11.40	112	298864	49.603	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	106175	46.843	ug/l	98
67) Ethyl Benzene	11.48	91	525662	47.584	ug/l	100
68) m/p-Xylenes	11.59	106	383699	96.634	ug/l	99
69) o-Xylene	11.92	106	171165	45.396	ug/l	98
70) Styrene	11.94	104	298770	46.908	ug/l	99
71) Bromoform	12.10	173	76889	45.180	ug/l #	99
73) Isopropylbenzene	12.22	105	476760	49.701	ug/l	100
74) N-amyl acetate	12.04	43	216201	50.468	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	146868	44.059	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	201517	65.260	ug/l #	100
77) Bromobenzene	12.50	156	114237	49.555	ug/l	95
78) n-propylbenzene	12.56	91	545609	48.557	ug/l	99
79) 2-Chlorotoluene	12.65	91	341811	49.361	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	431267	54.200	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	54881	49.475	ug/l	96
82) 4-Chlorotoluene	12.75	91	364097	50.514	ug/l	99
83) tert-Butylbenzene	12.97	119	333019	50.402	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	403057	51.635	ug/l	97
85) sec-Butylbenzene	13.15	105	477884	54.025	ug/l	100
86) p-Isopropyltoluene	13.26	119	431425	56.707	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	207609	51.320	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	193506	48.591	ug/l	97
89) n-Butylbenzene	13.59	91	390631	59.757	ug/l	100
90) Hexachloroethane	13.85	117	78593	48.527	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	196382	50.768	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	35252	58.247	ug/l	99

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

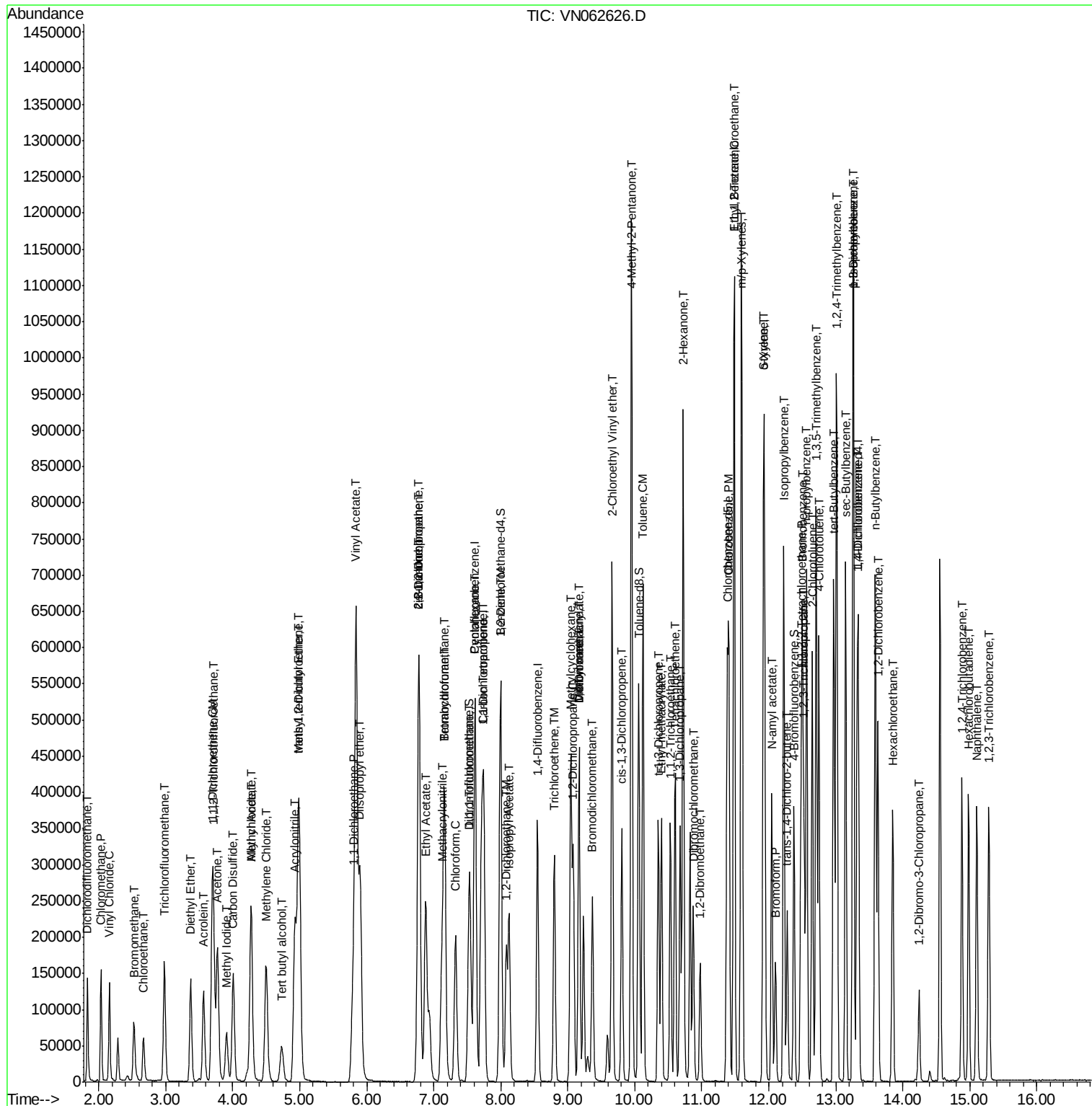
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	123521	60.066	ug/l	98
94) Hexachlorobutadiene	14.98	225	73162	70.089	ug/l	98
95) Naphthalene	15.10	128	315146	57.781	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	122405	67.147	ug/l	99

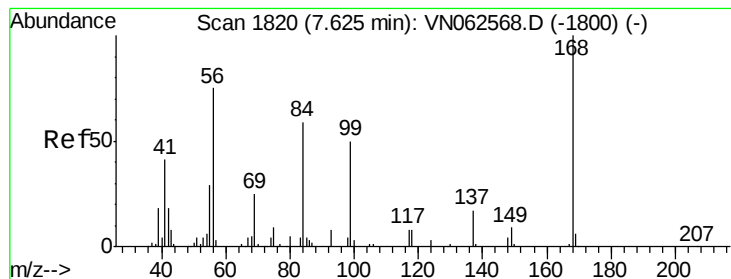
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN072820\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampled :

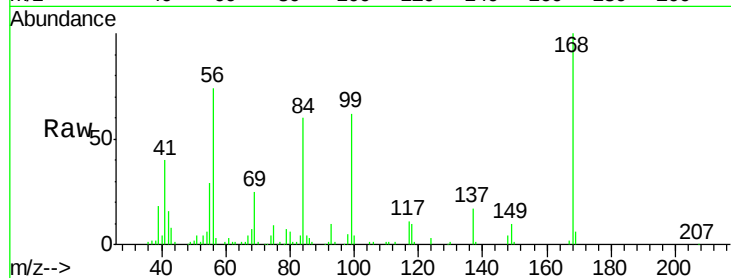
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Tgt Ion:168 Resp: 194102

Ion Ratio Lower Upper

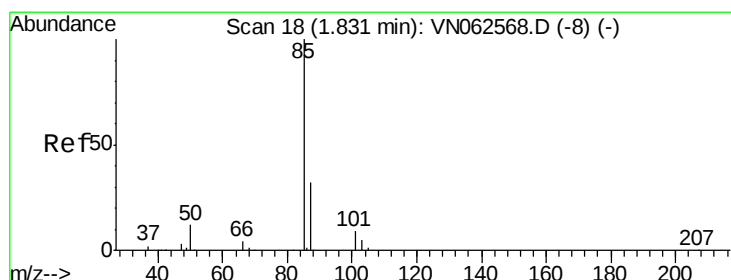
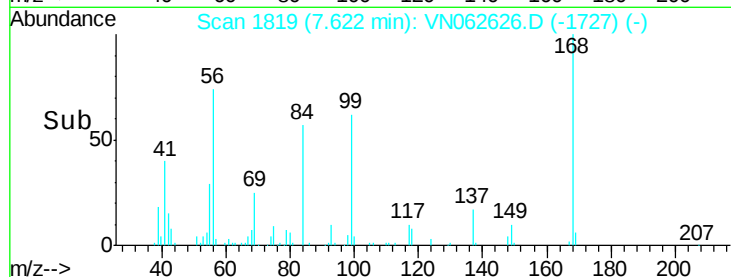
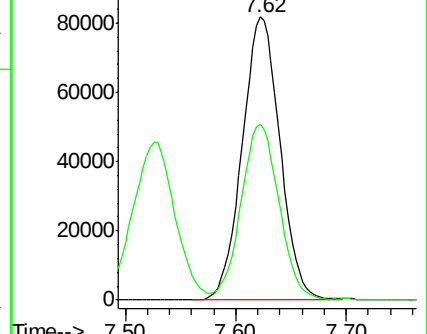
168 100

99 61.7 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: 46.987 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062626.D

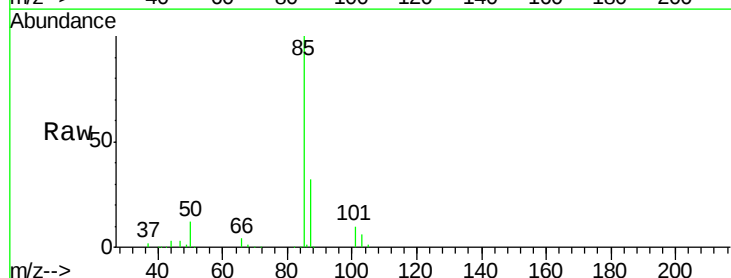
Acq: 28 Jul 2020 10:38

Tgt Ion: 85 Resp: 108787

Ion Ratio Lower Upper

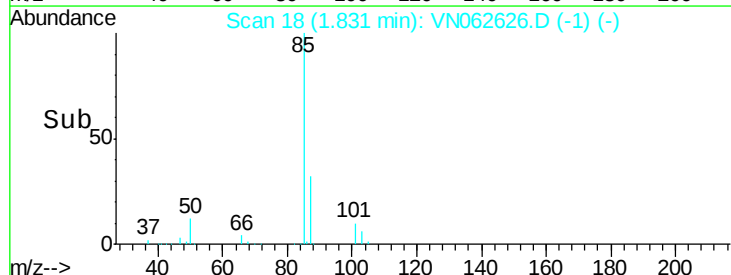
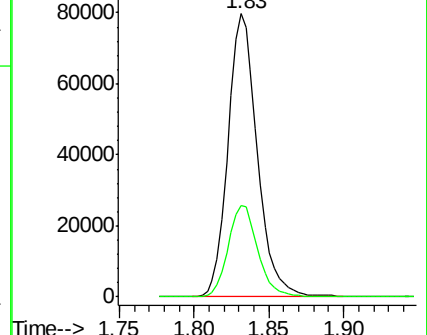
85 100

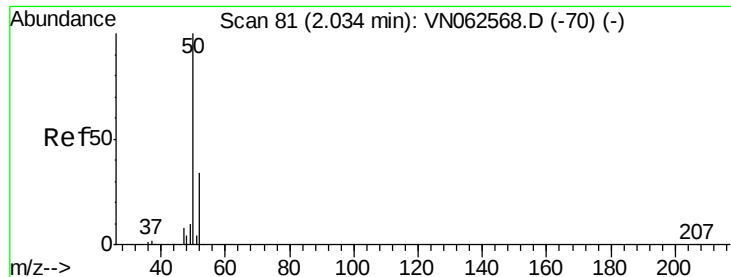
87 32.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 41.024 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

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ClientSampleId :

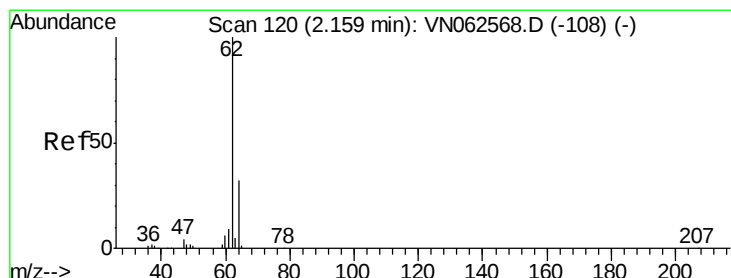
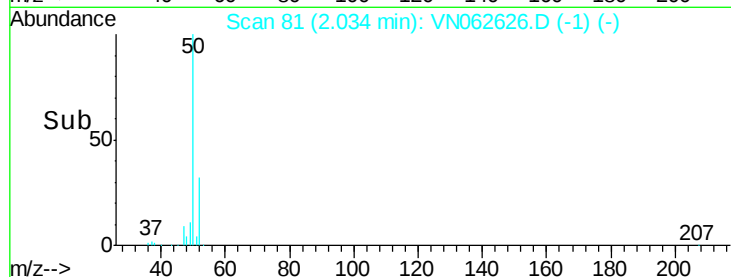
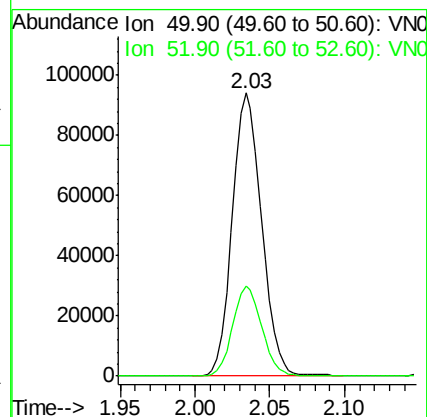
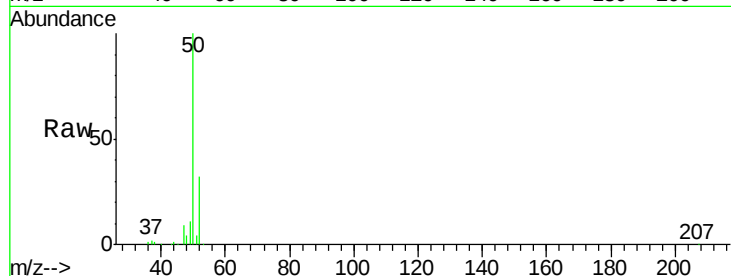
BFB

Tgt Ion: 50 Resp: 128825

Ion Ratio Lower Upper

50 100

52 32.0 27.0 40.4



#4

Vinyl Chloride

Concen: 44.360 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062626.D

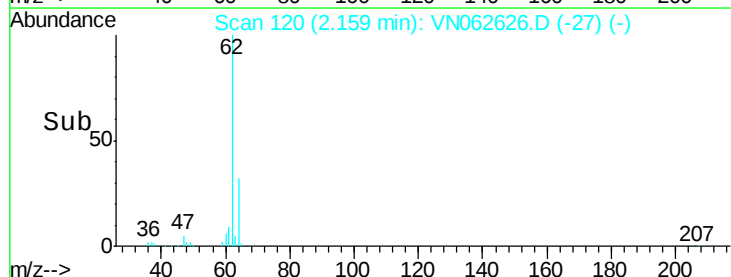
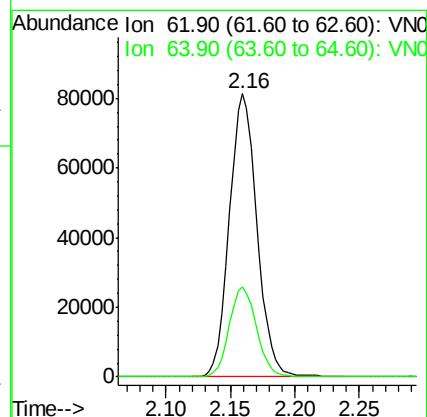
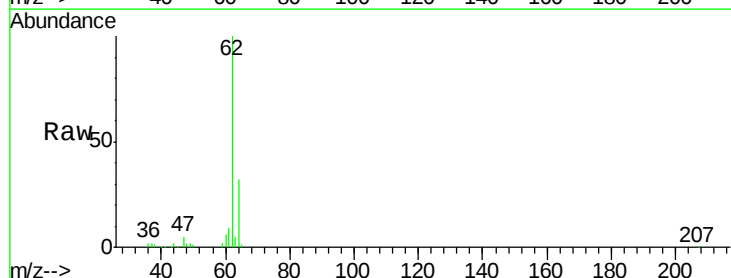
Acq: 28 Jul 2020 10:38

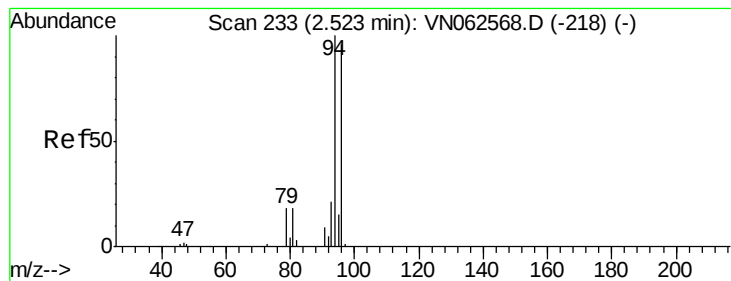
Tgt Ion: 62 Resp: 120761

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8





#5

Bromomethane

Concen: 47.589 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

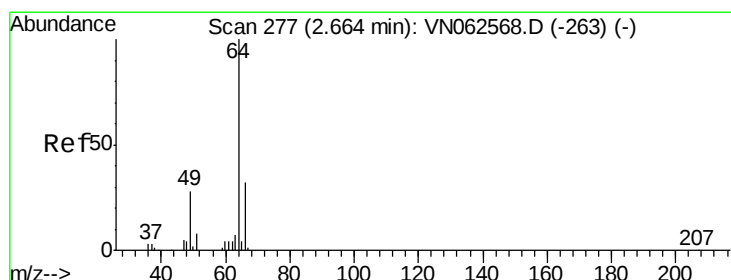
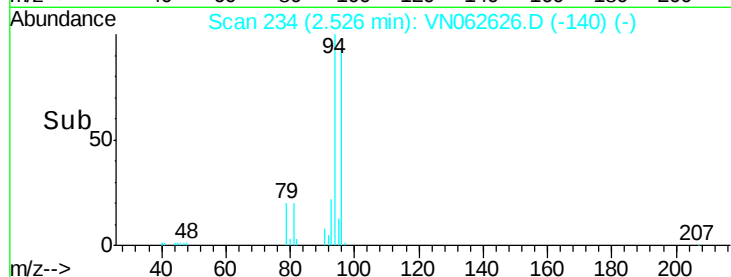
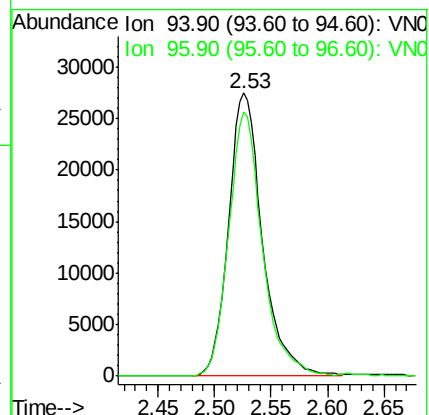
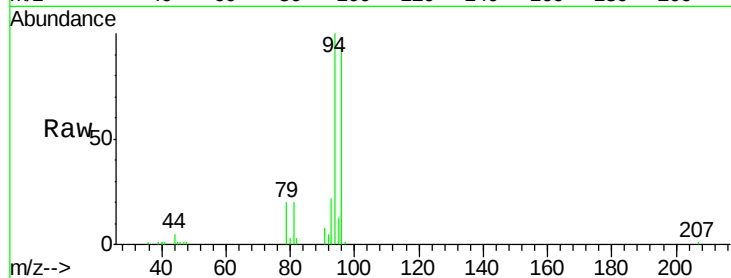
BFB

Tgt Ion: 94 Resp: 57380

Ion Ratio Lower Upper

94 100

96 93.4 76.6 114.8



#6

Chloroethane

Concen: 46.475 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062626.D

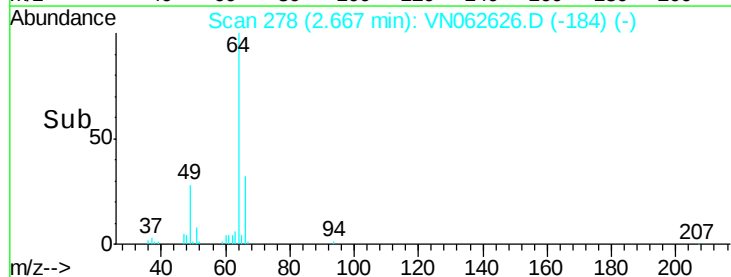
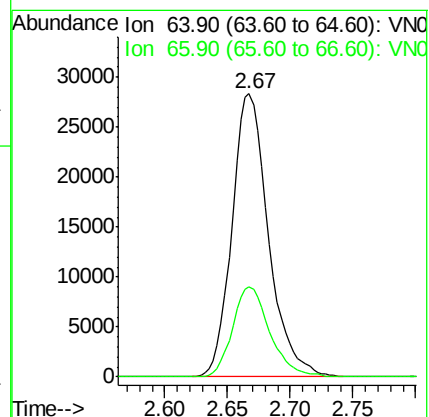
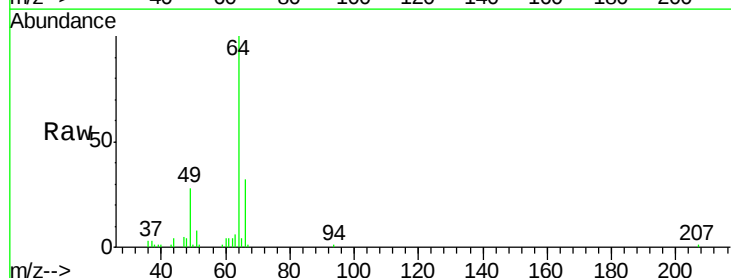
Acq: 28 Jul 2020 10:38

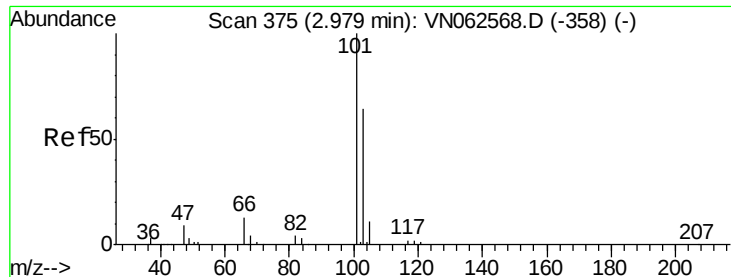
Tgt Ion: 64 Resp: 57229

Ion Ratio Lower Upper

64 100

66 31.9 25.8 38.8



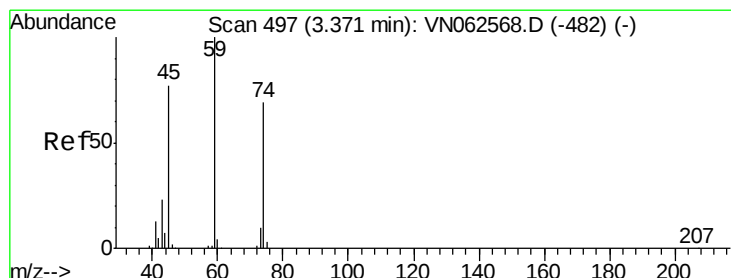
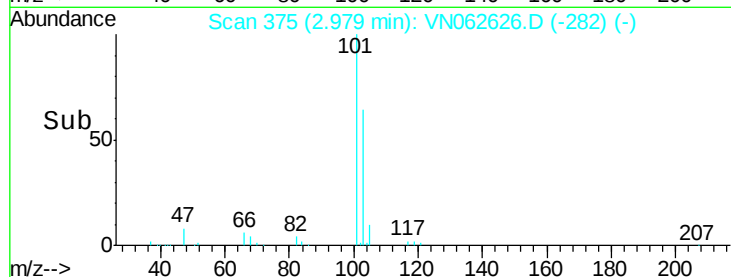
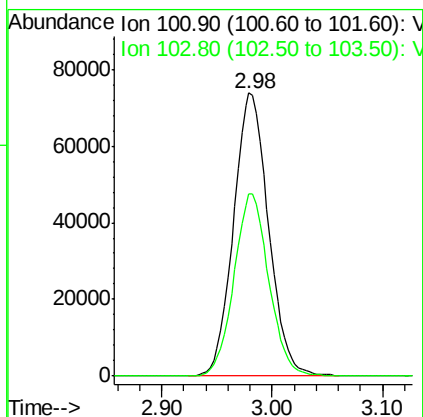
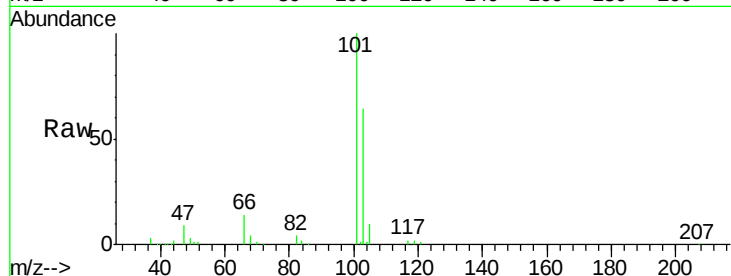


#7

Trichlorofluoromethane
 Concen: 50.717 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

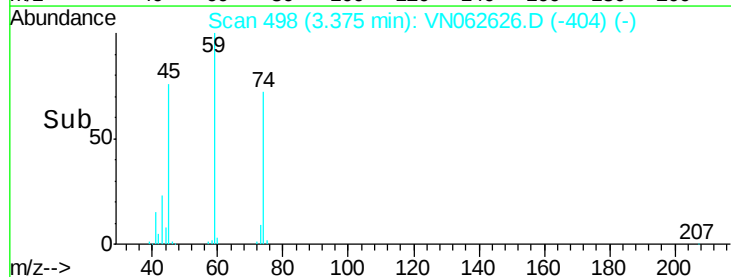
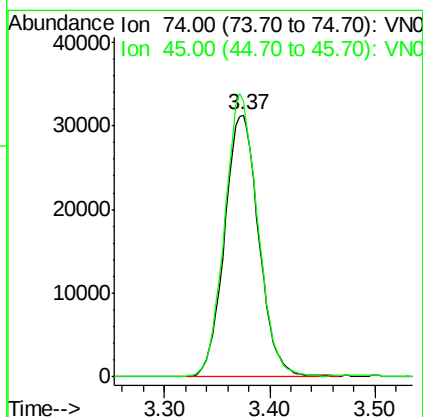
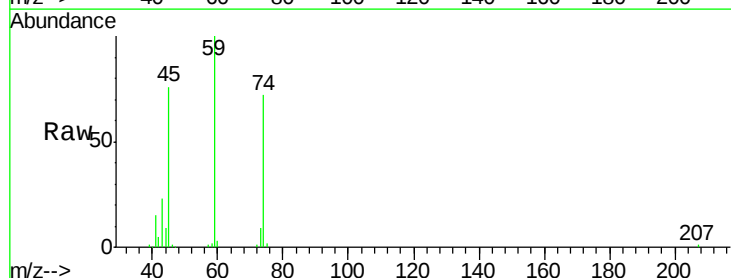
Tgt Ion:101 Resp: 162105
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3

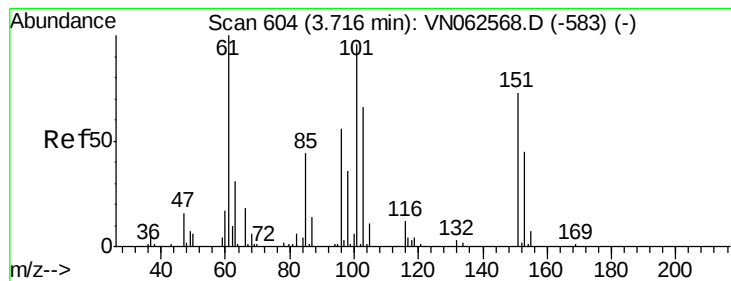


#8

Diethyl Ether
 Concen: 47.052 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion: 74 Resp: 70326
 Ion Ratio Lower Upper
 74 100
 45 104.9 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.463 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

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BFB

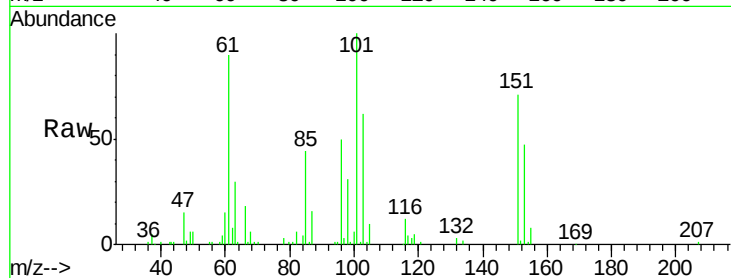
Tgt Ion:101 Resp: 103411

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

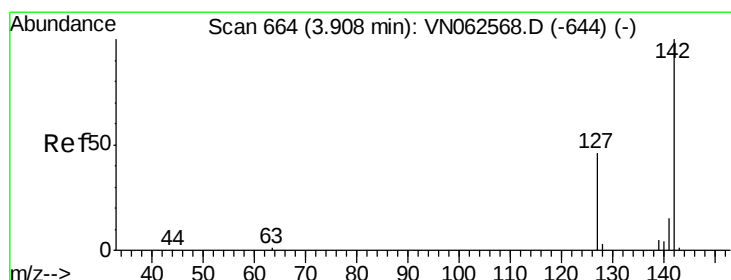
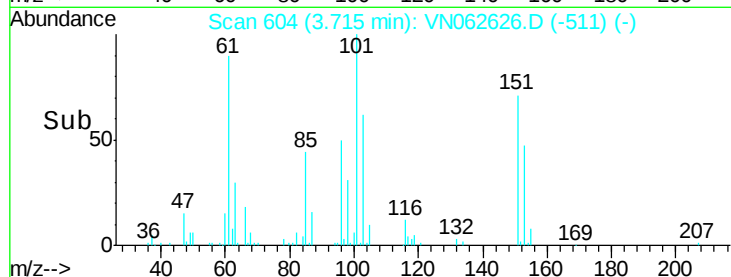
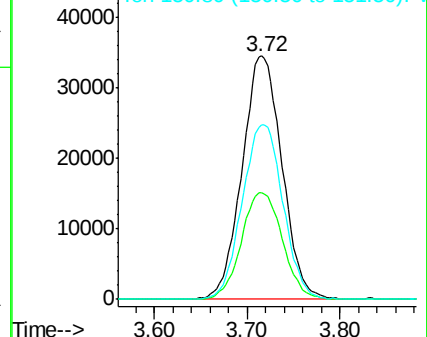
151 73.1 60.0 90.0



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: 40.936 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

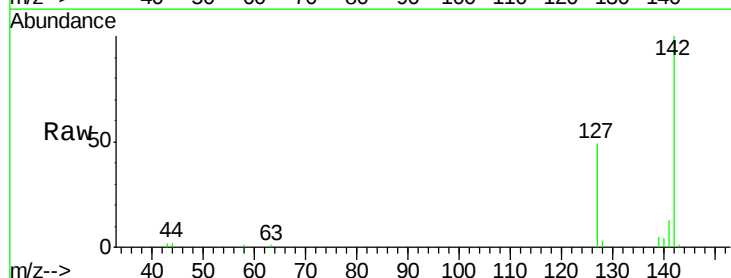
Tgt Ion:142 Resp: 107249

Ion Ratio Lower Upper

142 100

127 48.8 37.4 56.0

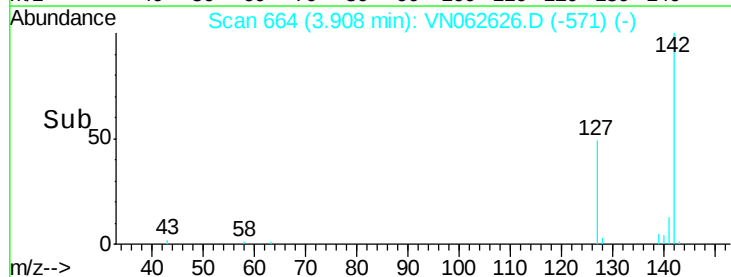
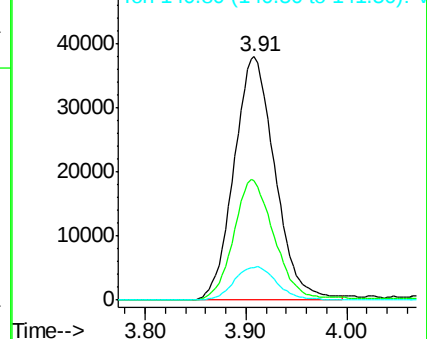
141 14.0 11.9 17.9

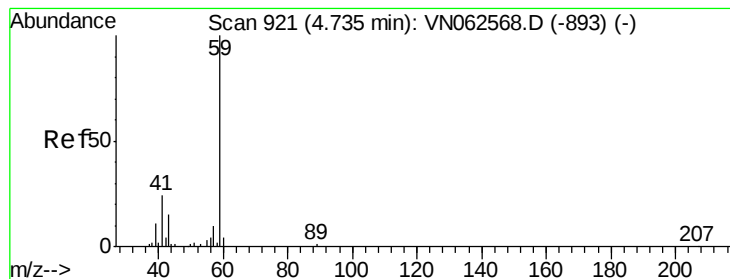


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



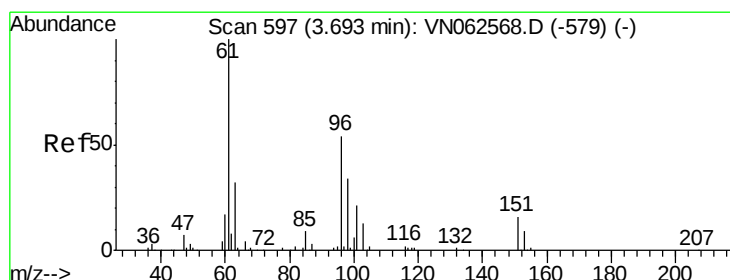
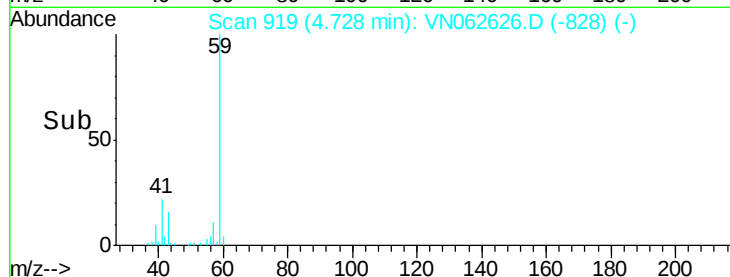
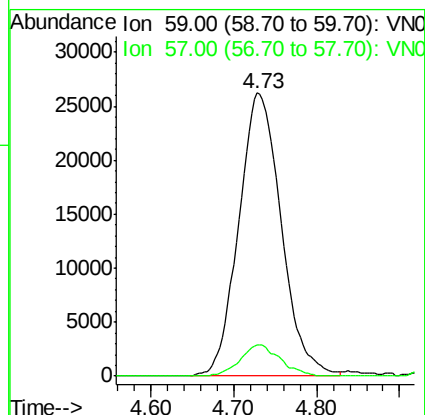
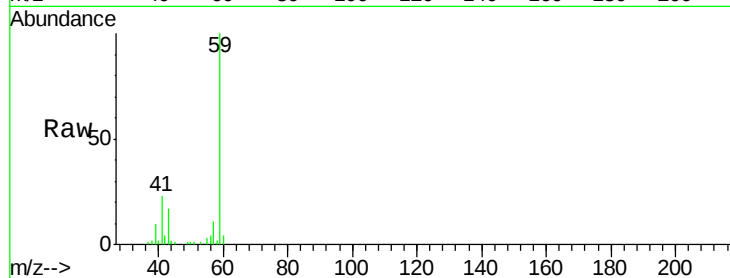


#11

Tert butyl alcohol
 Concen: 194.877 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

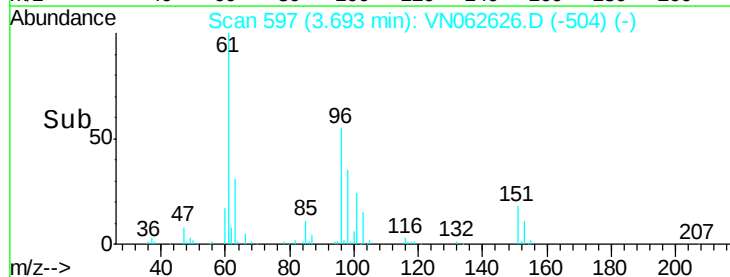
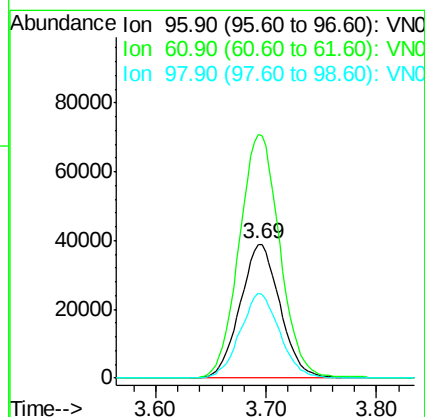
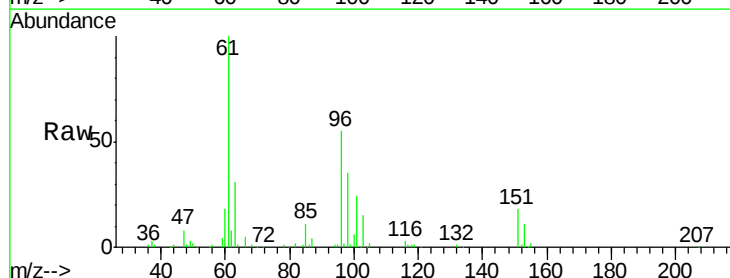
Tgt Ion: 59 Resp: 93477
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

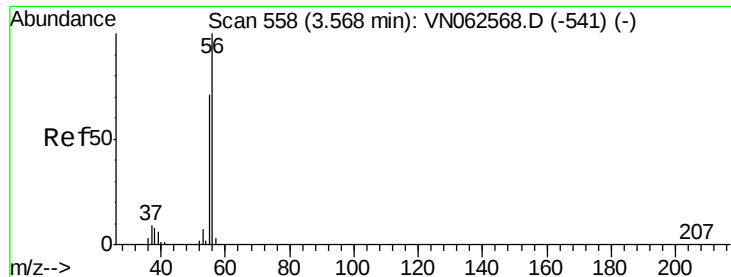


#12

1,1-Dichloroethene
 Concen: 46.764 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion: 96 Resp: 97191
 Ion Ratio Lower Upper
 96 100
 61 182.1 148.6 222.8
 98 63.8 50.6 75.8





#13

Acrolein

Concen: 289.380 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

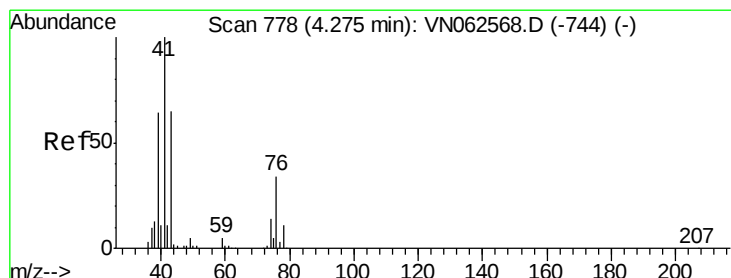
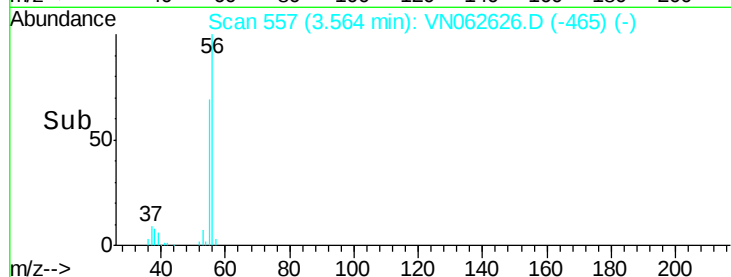
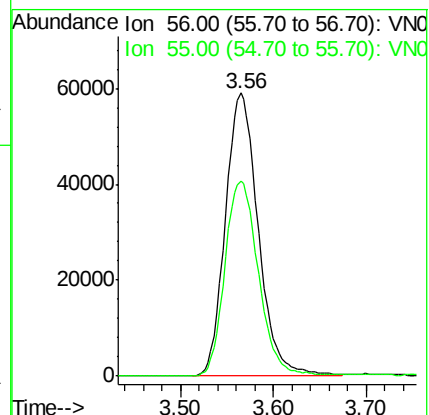
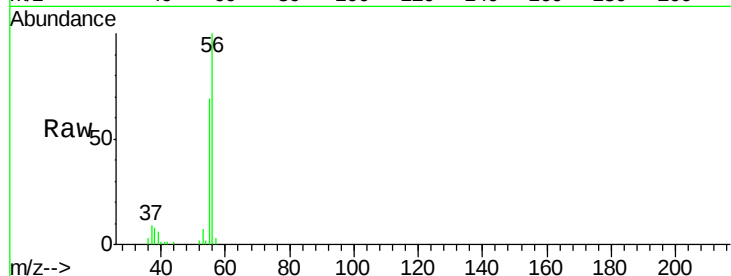
BFB

Tgt Ion: 56 Resp: 145444

Ion Ratio Lower Upper

56 100

55 70.5 57.0 85.4



#14

Allyl chloride

Concen: 44.387 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

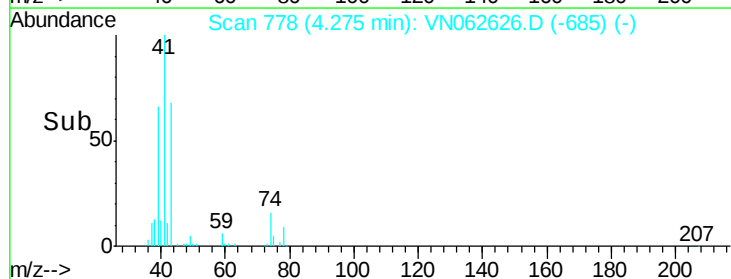
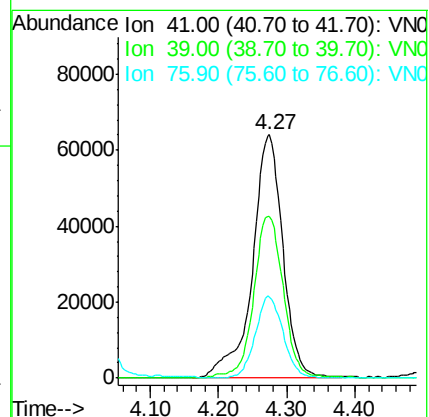
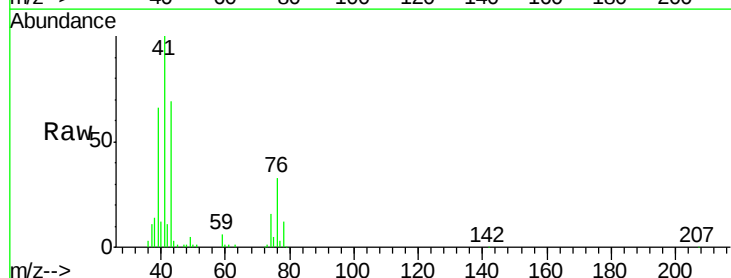
Tgt Ion: 41 Resp: 199547

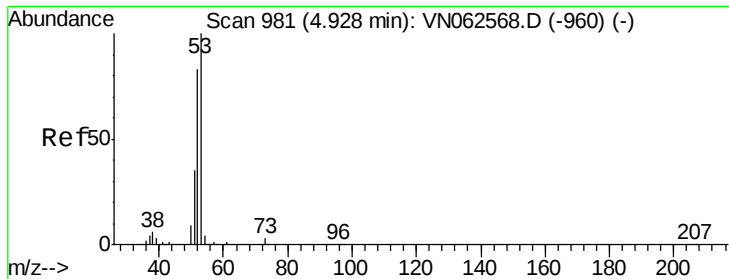
Ion Ratio Lower Upper

41 100

39 64.3 49.0 73.4

76 30.7 24.0 36.0





#15

Acrylonitrile

Concen: 226.549 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

BFB

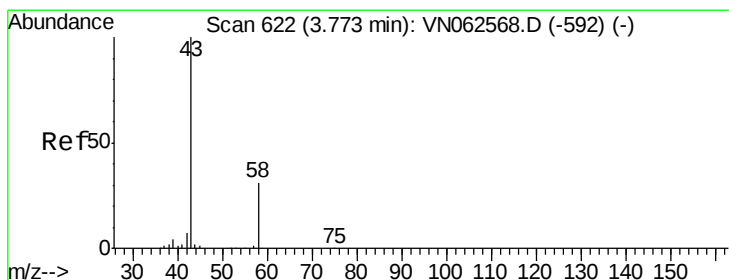
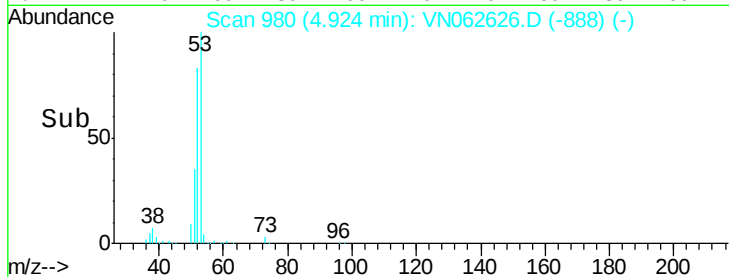
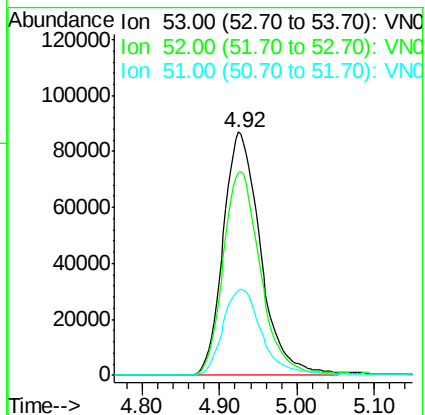
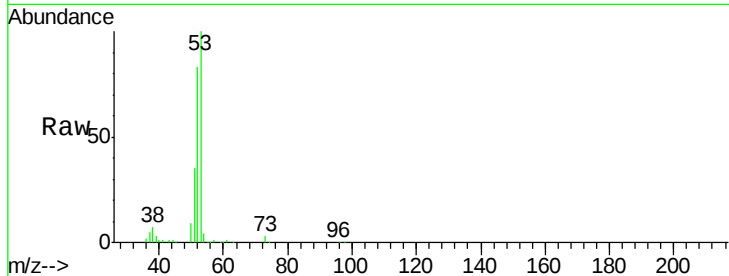
Tgt Ion: 53 Resp: 291067

Ion Ratio Lower Upper

53 100

52 83.4 66.3 99.5

51 36.8 28.6 43.0



#16

Acetone

Concen: 266.417 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062626.D

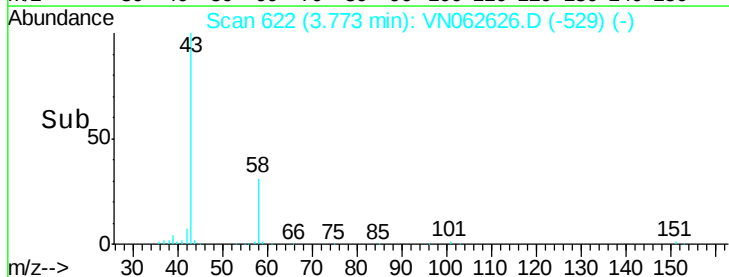
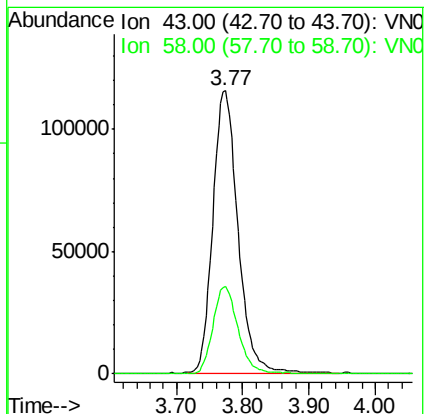
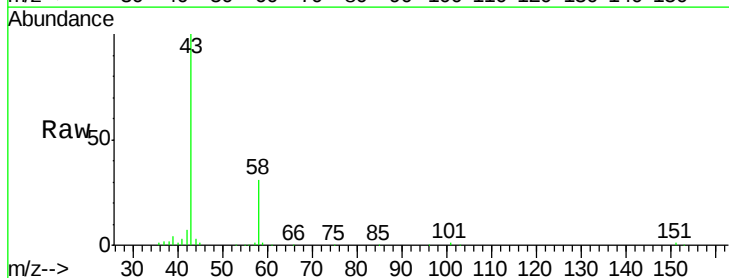
Acq: 28 Jul 2020 10:38

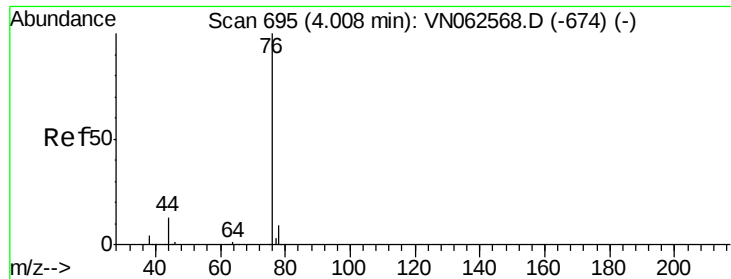
Tgt Ion: 43 Resp: 302296

Ion Ratio Lower Upper

43 100

58 31.0 24.6 37.0

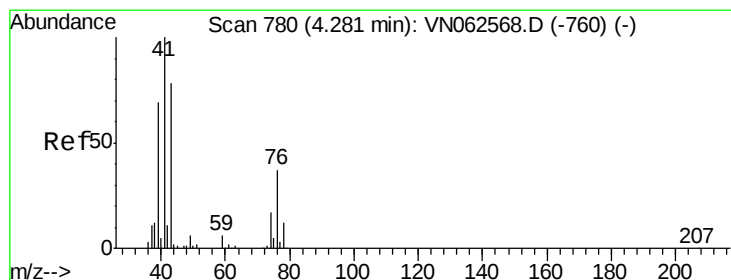
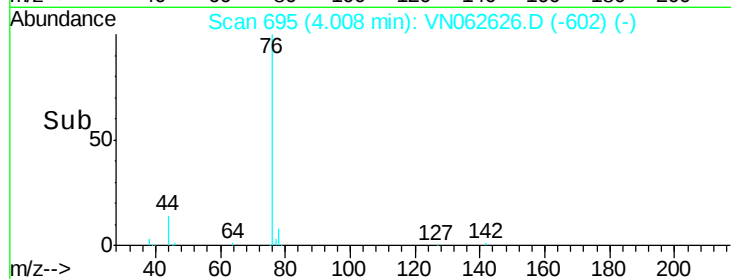
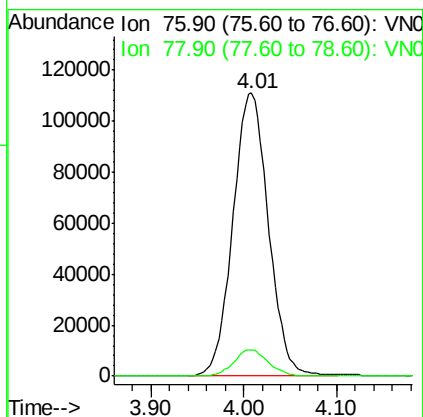
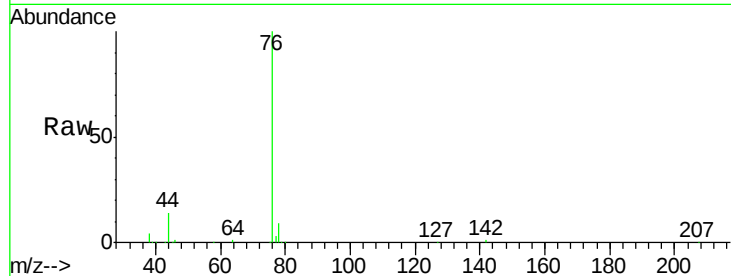




#17
Carbon Disulfide
Concen: 43.325 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

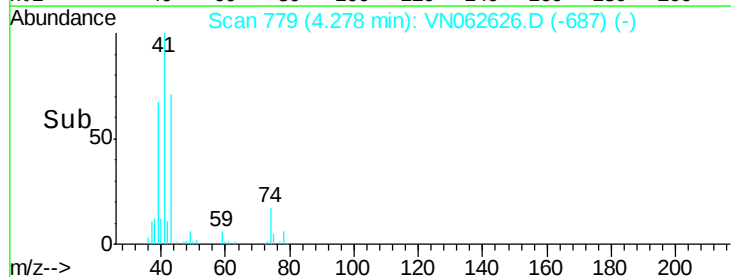
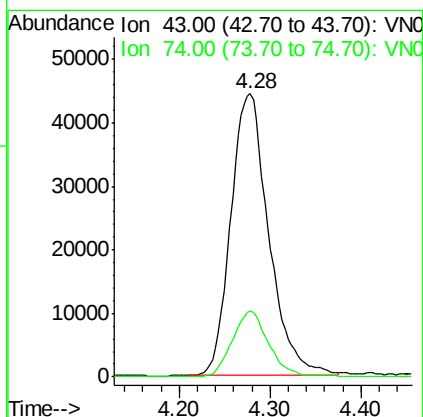
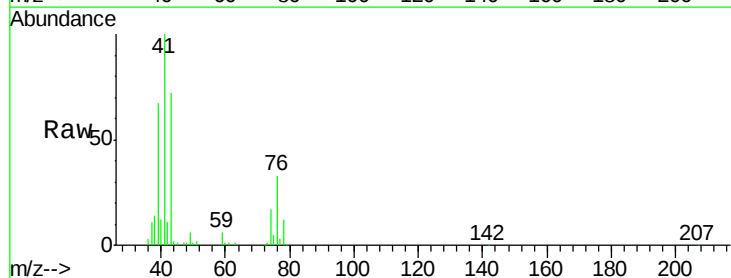
Instrument :
MSVOA_N
ClientSampled :
BFB

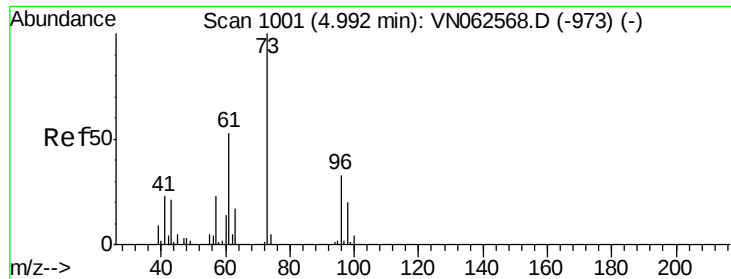
Tgt Ion: 76 Resp: 295856
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 44.742 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion: 43 Resp: 128523
Ion Ratio Lower Upper
43 100
74 22.1 16.6 24.8

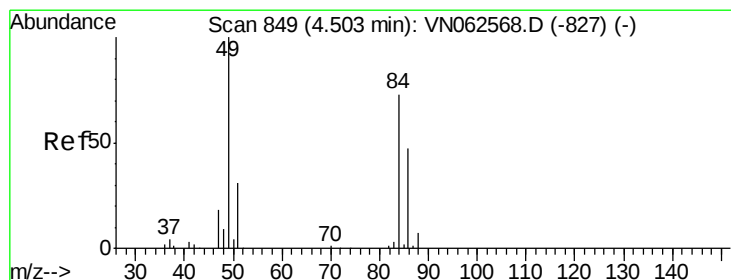
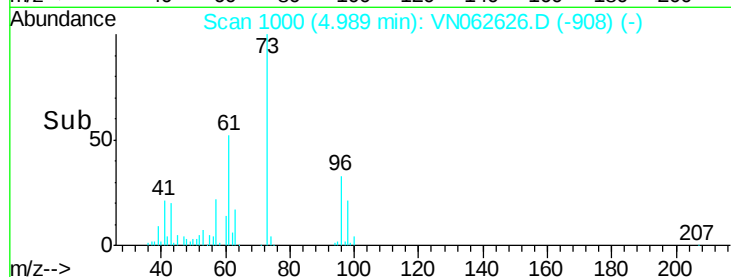
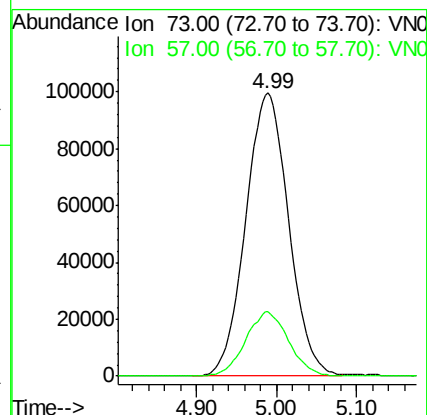
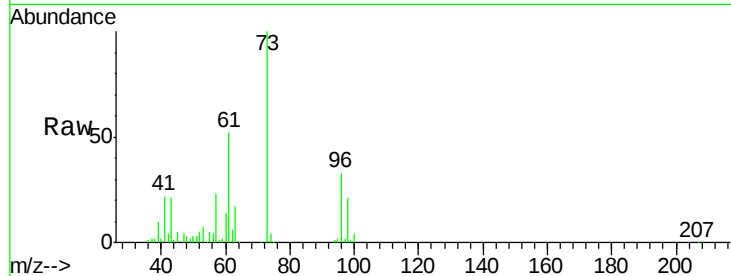




#19
Methyl tert-butyl Ether
Concen: 47.675 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

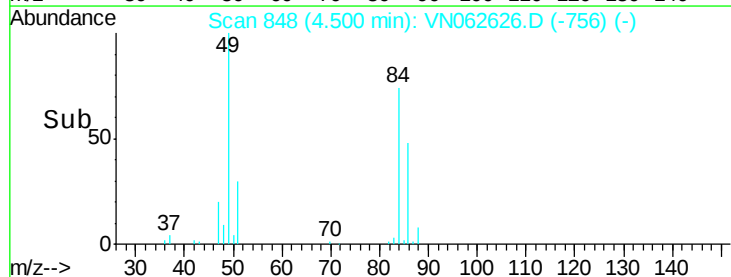
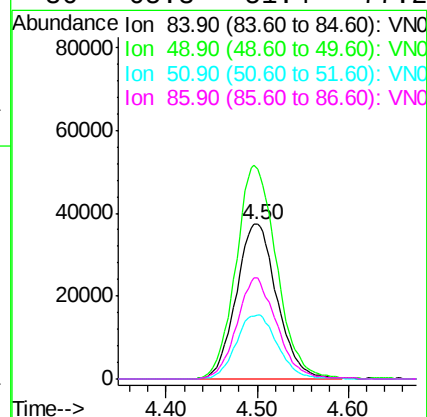
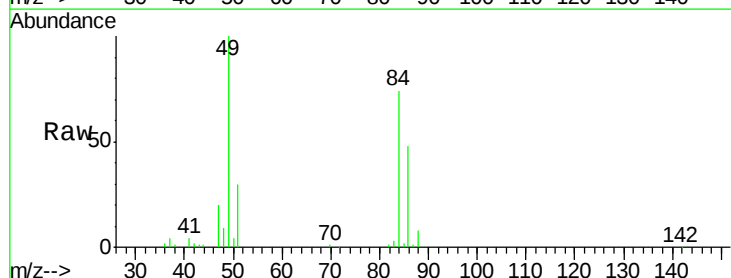
Instrument :
MSVOA_N
ClientSampled :
BFB

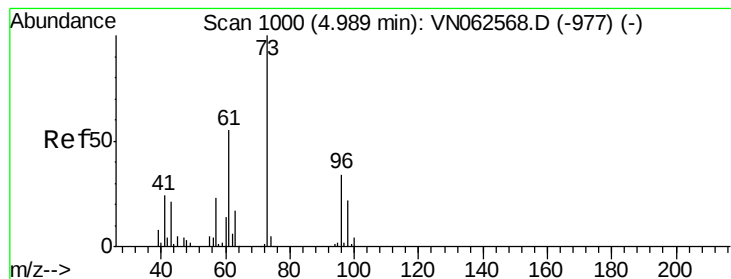
Tgt Ion: 73 Resp: 364693
Ion Ratio Lower Upper
73 100
57 22.7 18.6 27.8



#20
Methylene Chloride
Concen: 42.711 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion: 84 Resp: 116235
Ion Ratio Lower Upper
84 100
49 135.5 109.4 164.0
51 41.3 33.6 50.4
86 65.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 47.084 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

BFB

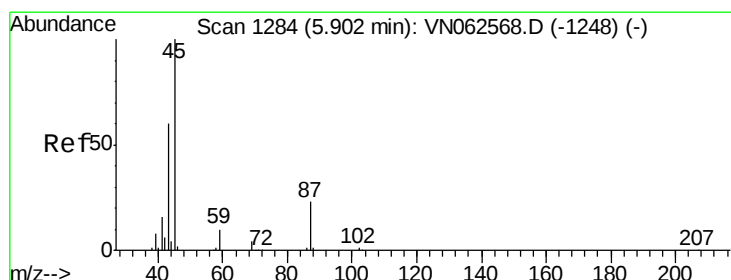
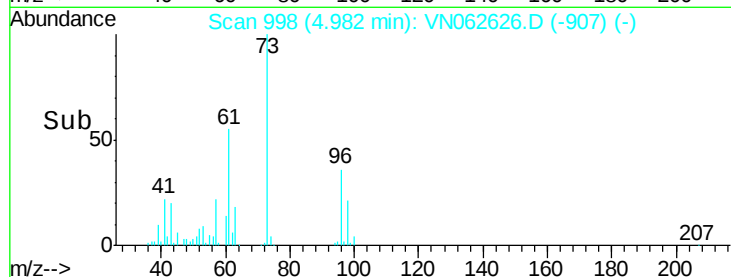
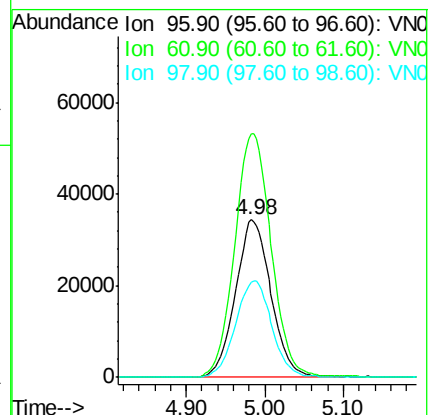
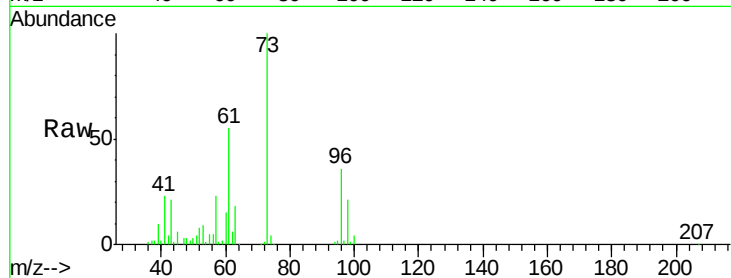
Tgt Ion: 96 Resp: 108609

Ion Ratio Lower Upper

96 100

61 154.1 128.6 192.8

98 60.0 50.6 76.0



#22

Diisopropyl ether

Concen: 44.949 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Tgt Ion: 45 Resp: 401667

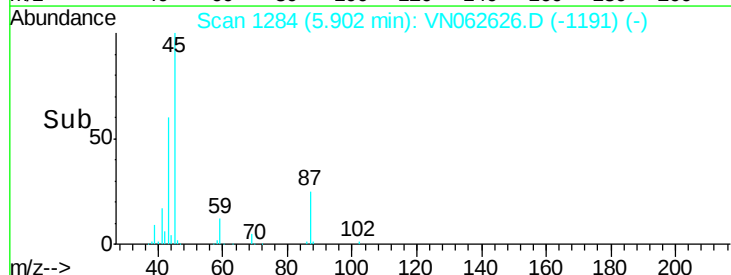
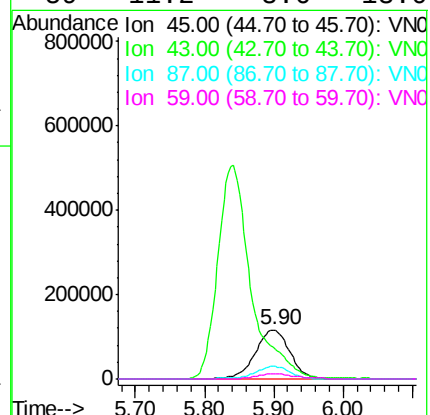
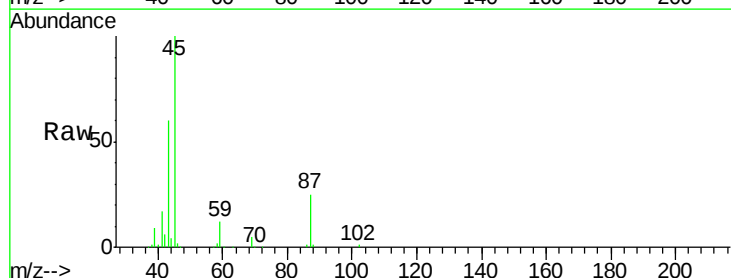
Ion Ratio Lower Upper

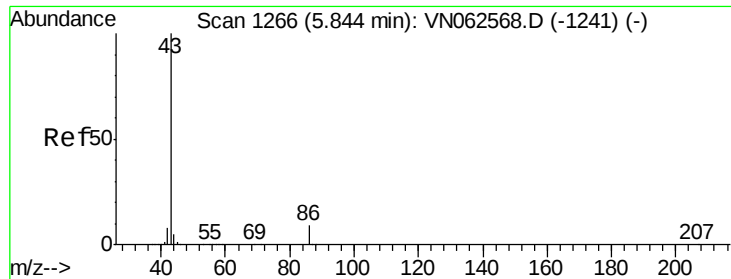
45 100

43 58.5 48.7 73.1

87 24.9 19.0 28.6

59 11.2 8.6 13.0





#23

Vinyl Acetate

Concen: 231.626 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

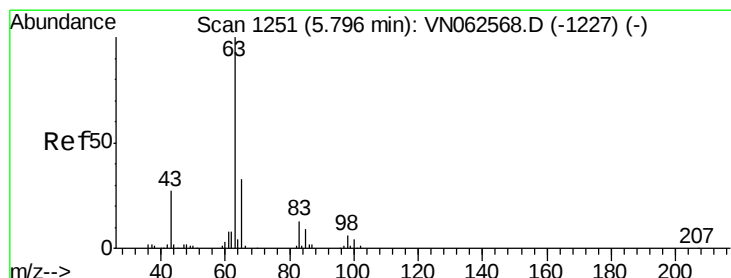
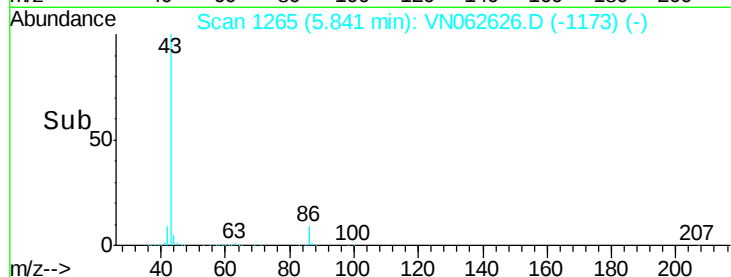
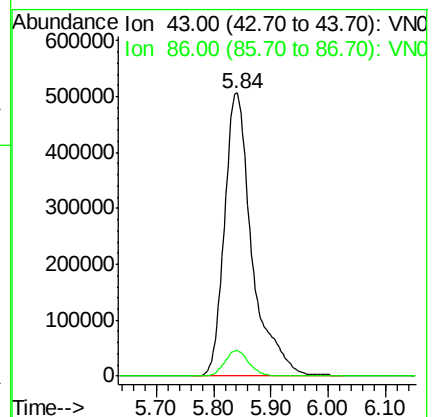
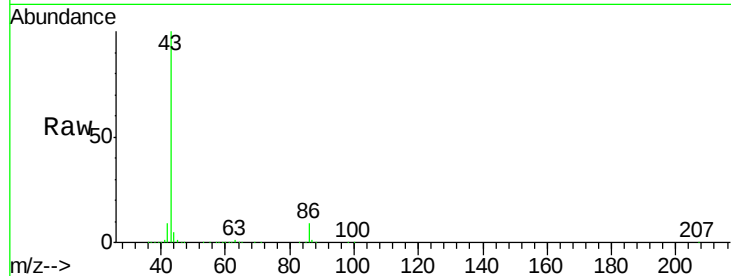
BFB

Tgt Ion: 43 Resp: 1695992

Ion Ratio Lower Upper

43 100

86 9.0 6.9 10.3



#24

1,1-Dichloroethane

Concen: 45.739 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

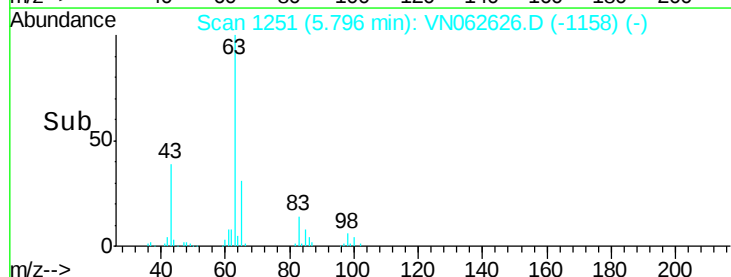
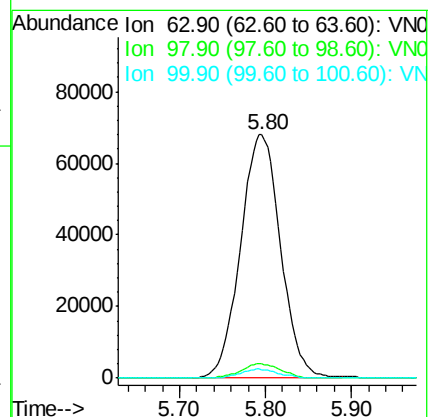
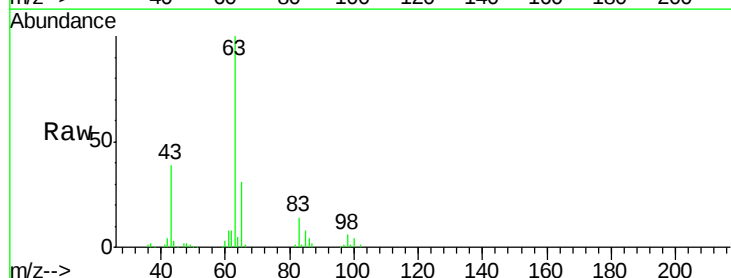
Tgt Ion: 63 Resp: 220102

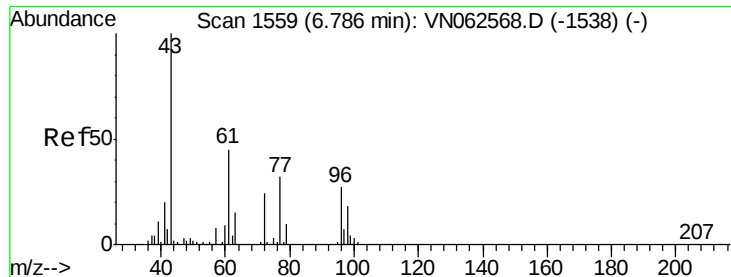
Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 3.6 1.8 5.4





#25

2-Butanone

Concen: 233.801 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampled :

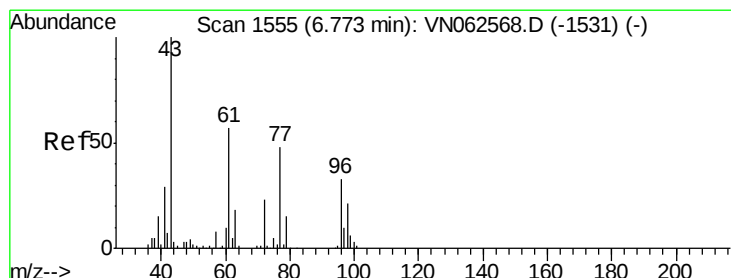
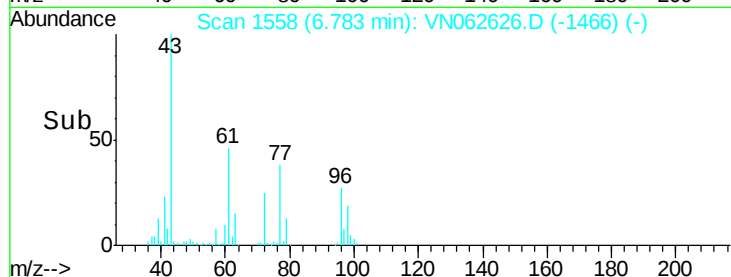
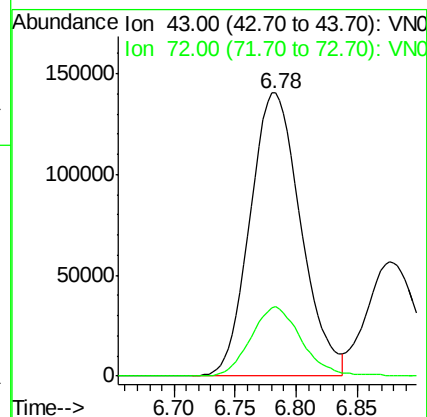
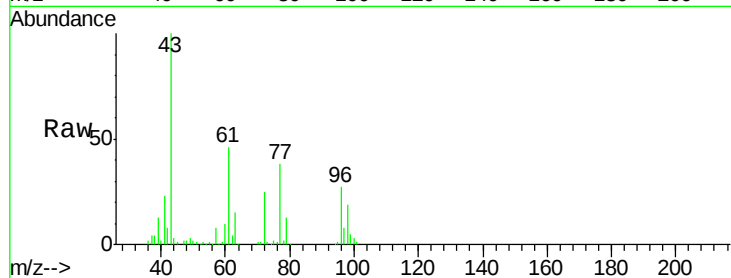
BFB

Tgt Ion: 43 Resp: 404025

Ion Ratio Lower Upper

43 100

72 24.6 19.0 28.6



#26

2,2-Dichloropropane

Concen: 49.033 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062626.D

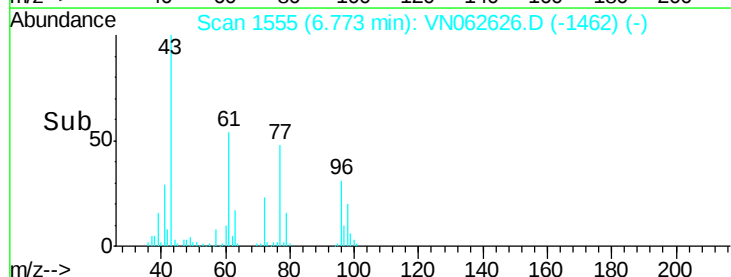
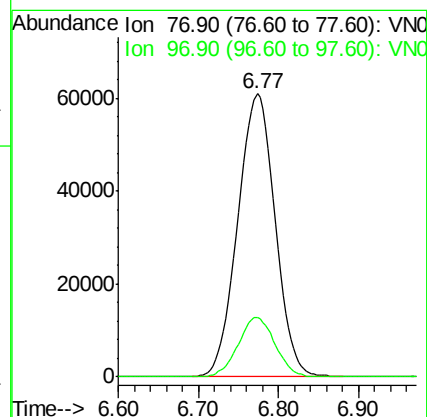
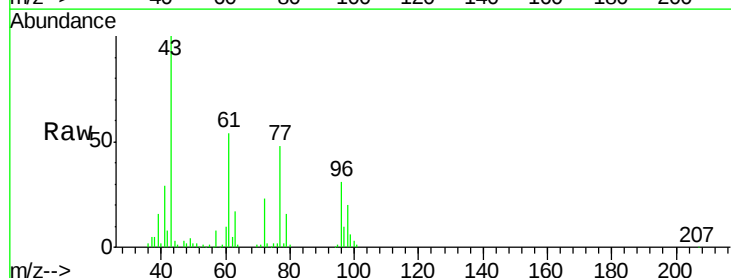
Acq: 28 Jul 2020 10:38

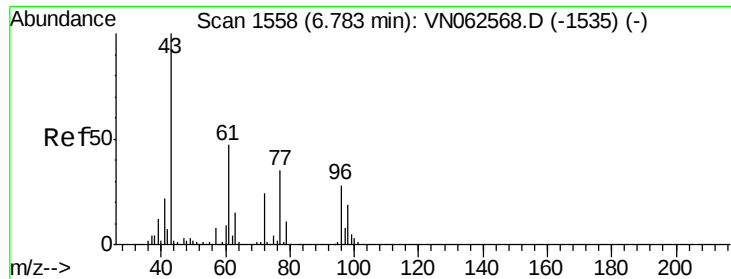
Tgt Ion: 77 Resp: 193697

Ion Ratio Lower Upper

77 100

97 20.6 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 45.452 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.01 min

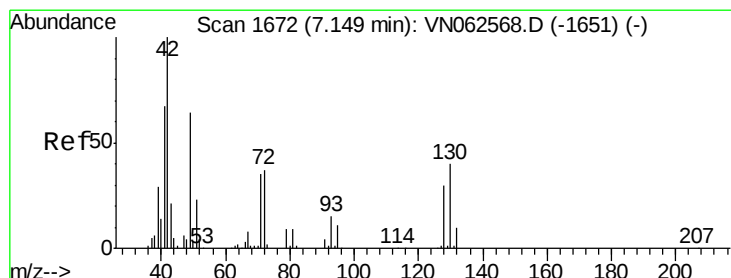
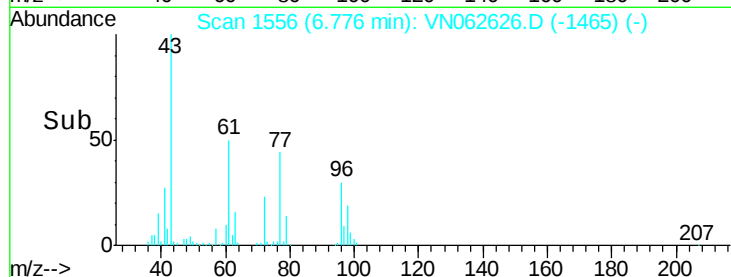
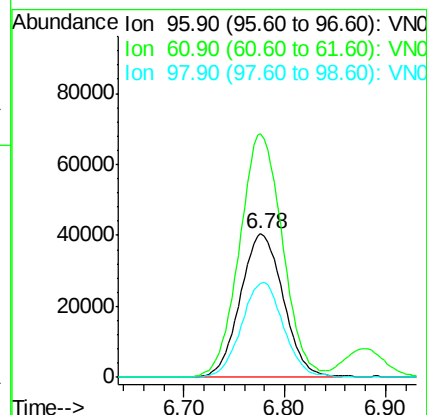
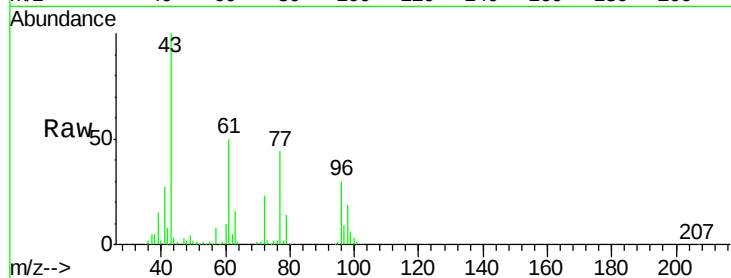
Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :
MSVOA_N
ClientSampled :
BFB

Tgt Ion: 96 Resp: 119638

Ion	Ratio	Lower	Upper
96	100		
61	169.5	0.0	332.4
98	64.8	0.0	127.4



#28

Bromochloromethane

Concen: 44.964 ug/l

RT: 7.15 min Scan# 1671

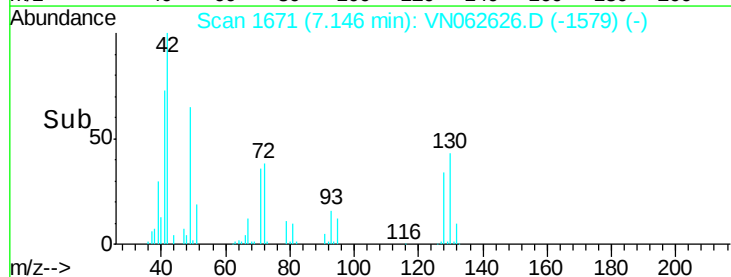
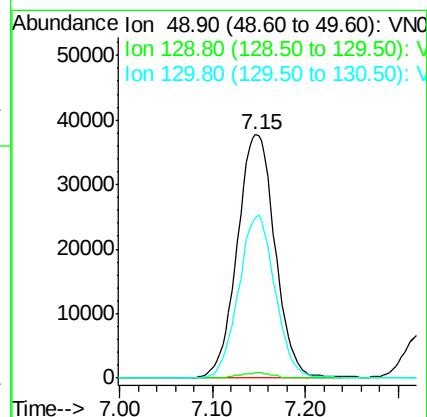
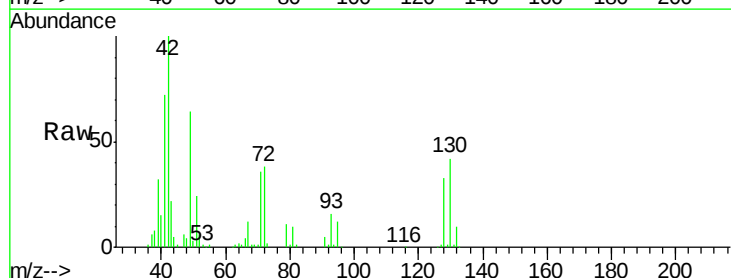
Delta R.T. -0.00 min

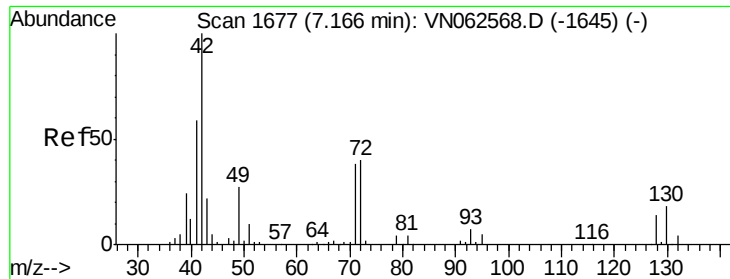
Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Tgt Ion: 49 Resp: 106484

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	64.5	49.8	74.8

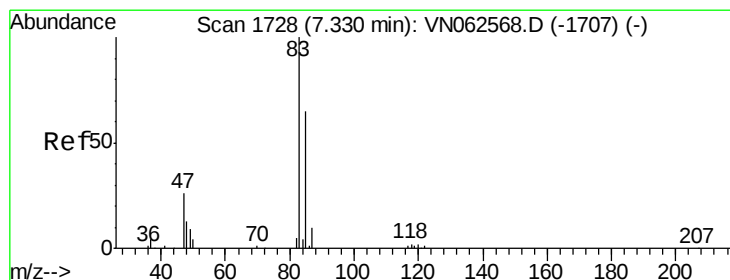
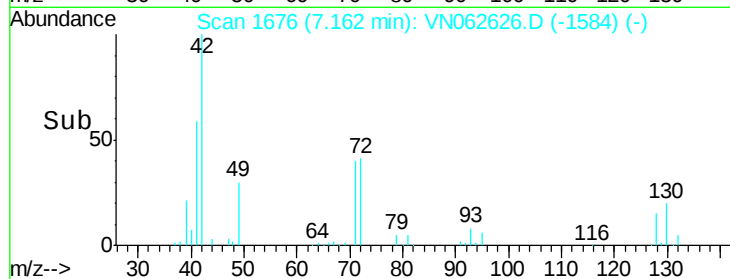
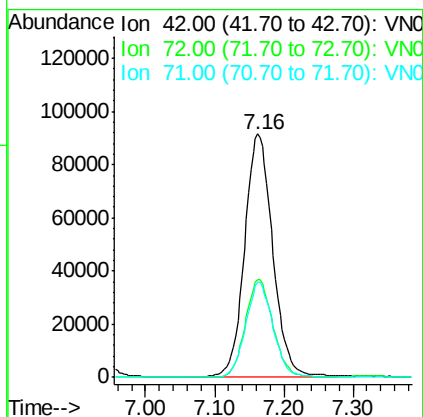
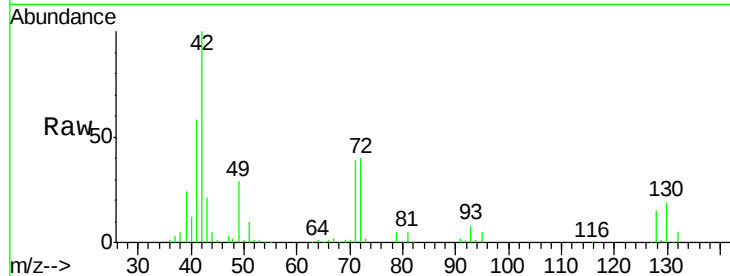




#29
Tetrahydrofuran
Concen: 221.350 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

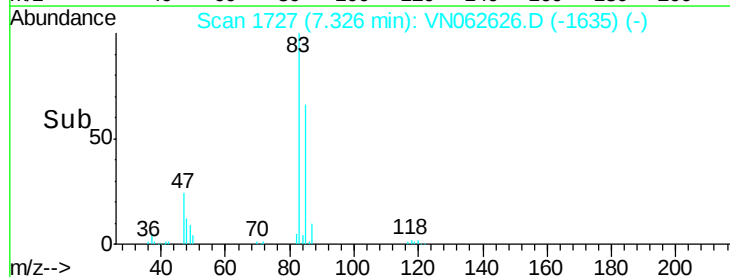
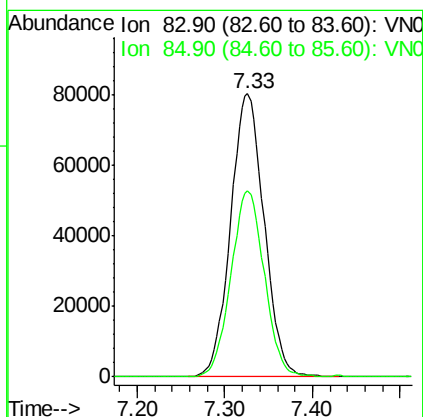
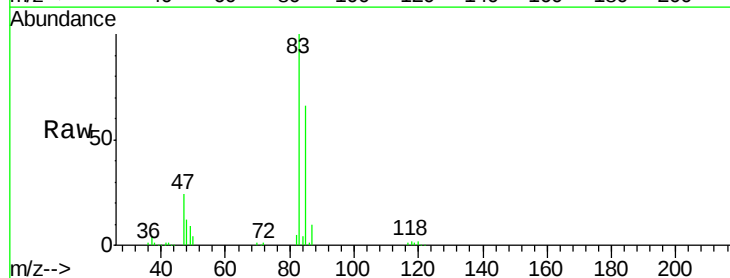
Instrument :
MSVOA_N
ClientSampled :
BFB

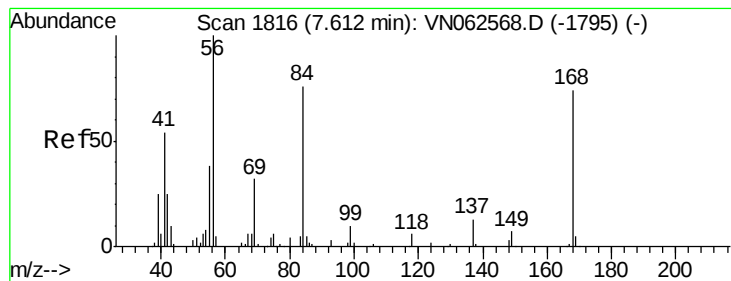
Tgt Ion: 42 Resp: 258828
Ion Ratio Lower Upper
42 100
72 39.4 30.7 46.1
71 38.0 29.1 43.7



#30
Chloroform
Concen: 46.685 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion: 83 Resp: 213601
Ion Ratio Lower Upper
83 100
85 65.8 52.0 78.0





#31

Cyclohexane

Concen: 44.619 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

BFB

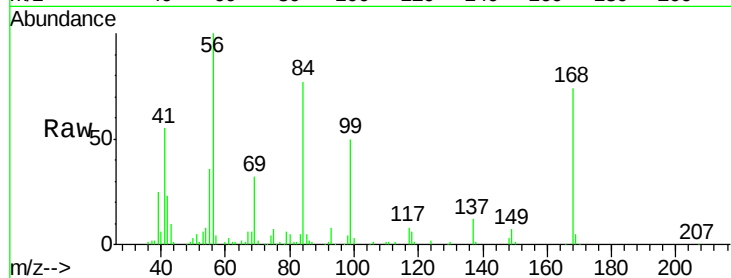
Tgt Ion: 56 Resp: 198240

Ion Ratio Lower Upper

56 100

69 31.9 25.3 37.9

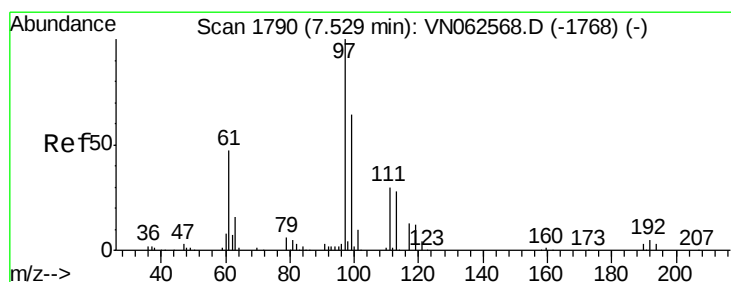
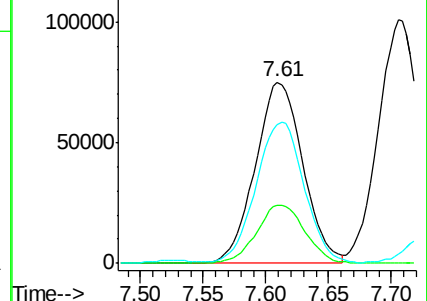
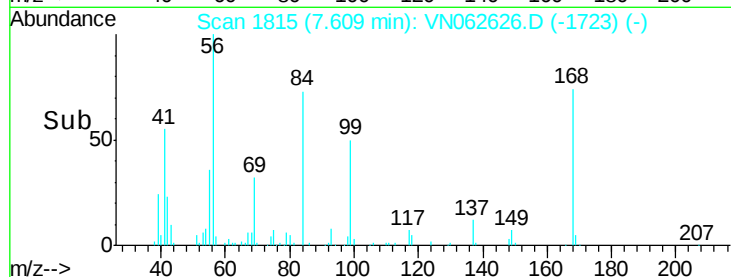
84 75.5 61.0 91.4



Abundance Ion 56.00 (55.70 to 56.70): VN062626.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062626.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062626.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 49.345 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

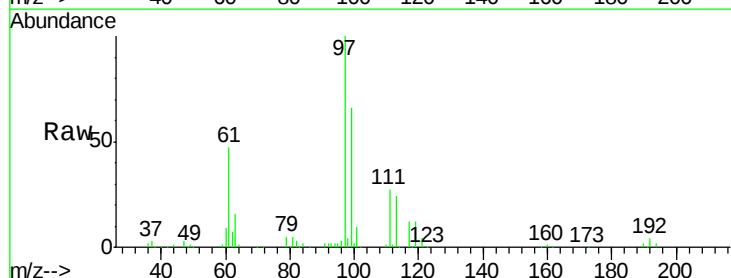
Tgt Ion: 97 Resp: 188495

Ion Ratio Lower Upper

97 100

99 64.8 51.2 76.8

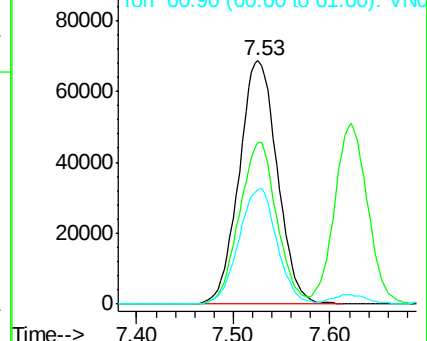
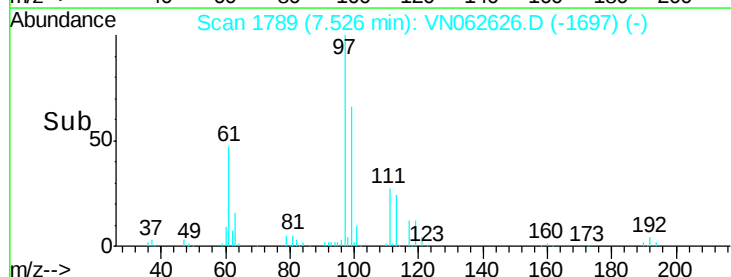
61 47.3 38.4 57.6

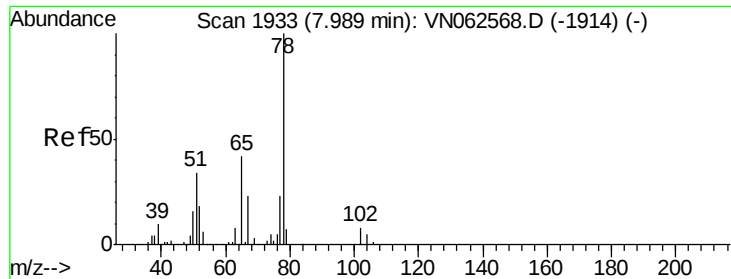


Abundance Ion 96.90 (96.60 to 97.60): VN062626.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062626.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062626.D (-1697) (-)

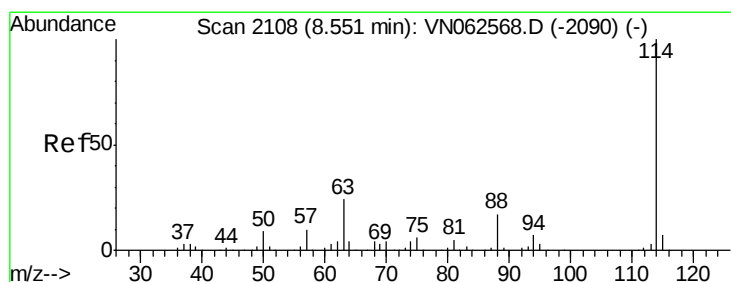
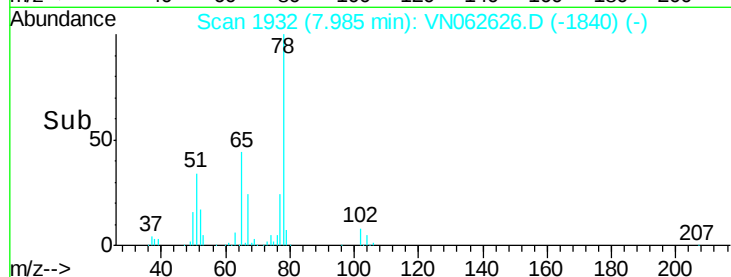
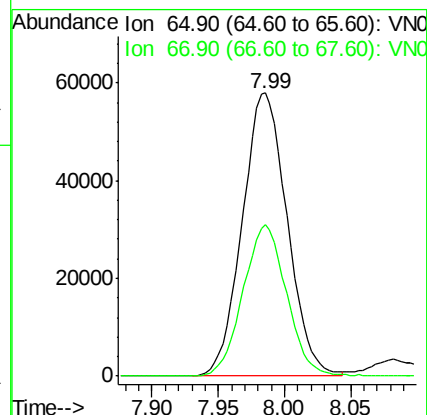
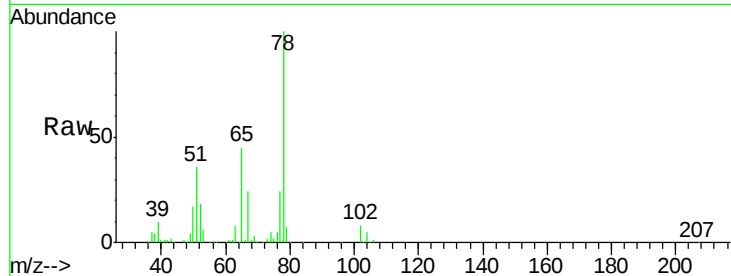




#33
 1,2-Dichloroethane-d4
 Concen: 45.295 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

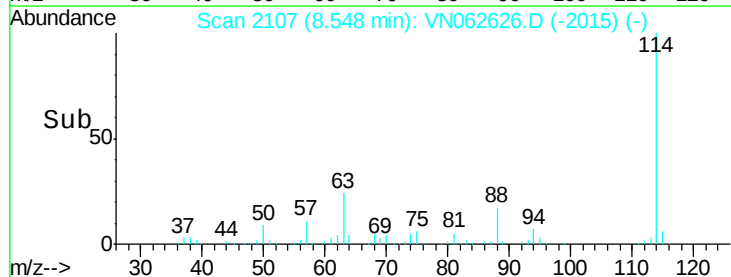
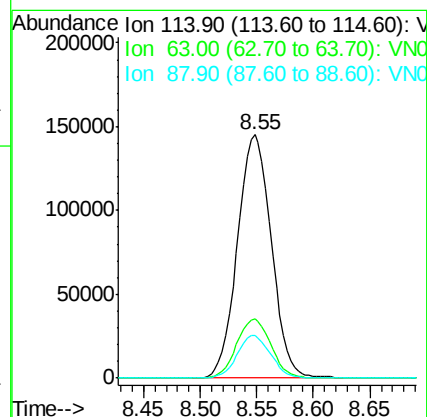
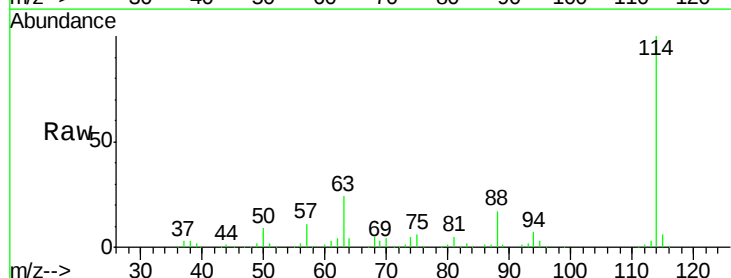
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

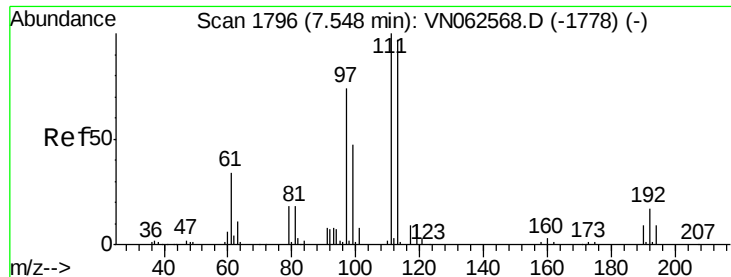
Tgt Ion: 65 Resp: 136576
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion: 114 Resp: 304027
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.4
 88 17.4 0.0 33.8

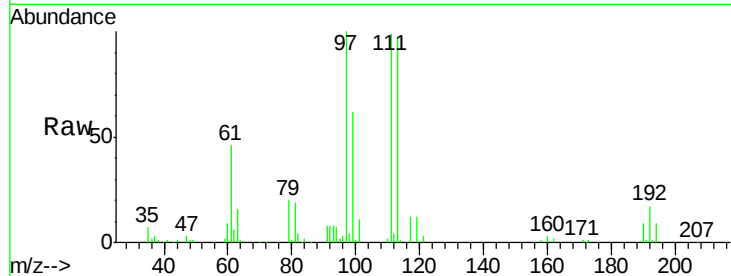




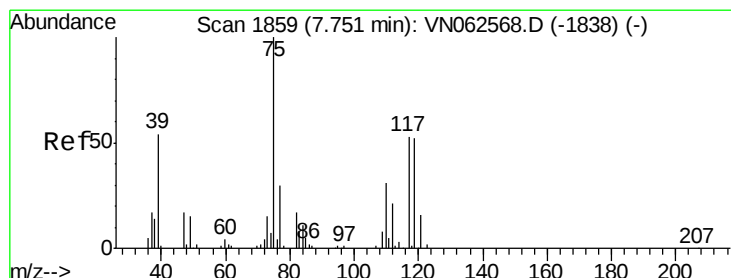
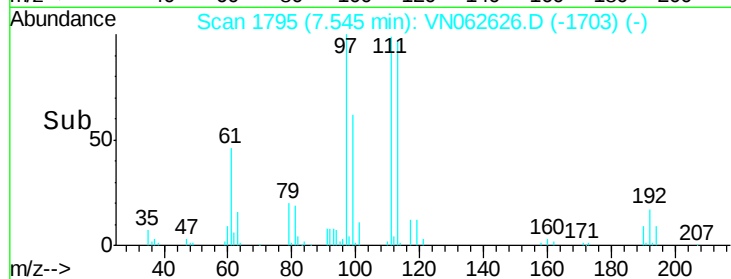
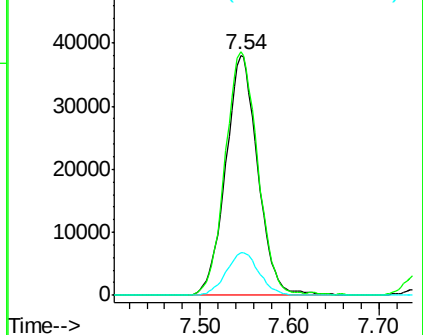
#35
Dibromofluoromethane
Concen: 47.345 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Instrument :
MSVOA_N
ClientSampled :
BFB

Tgt Ion: 113 Resp: 94550
Ion Ratio Lower Upper
113 100
111 103.0 82.7 124.1
192 18.1 14.8 22.2

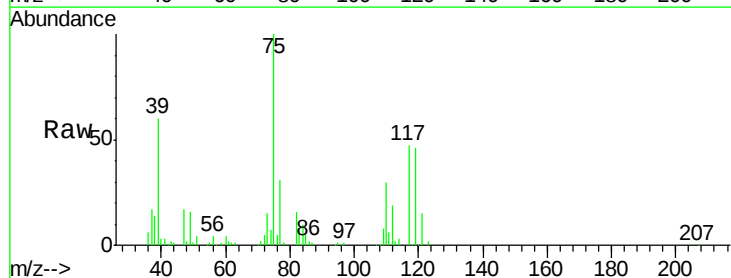


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

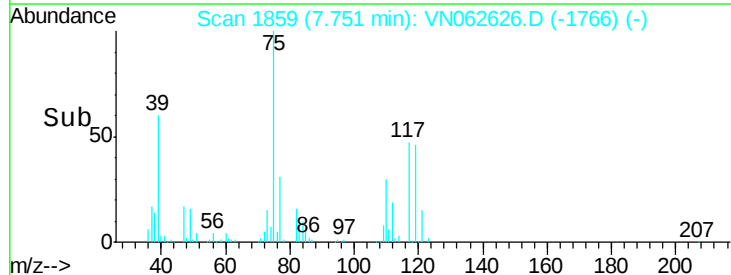
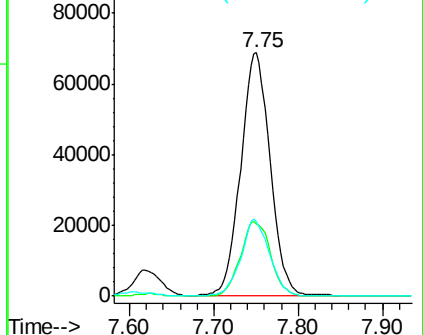


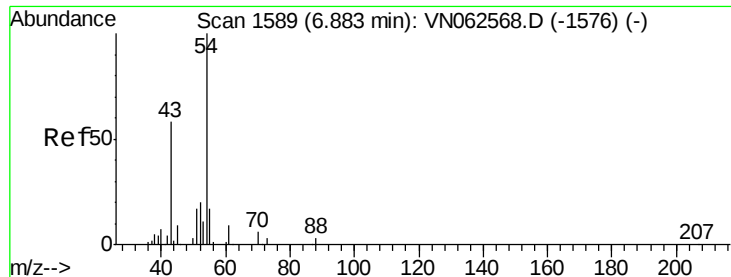
#36
1,1-Dichloropropene
Concen: 51.430 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion: 75 Resp: 166665
Ion Ratio Lower Upper
75 100
110 31.3 16.0 48.0
77 30.9 24.6 36.8



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

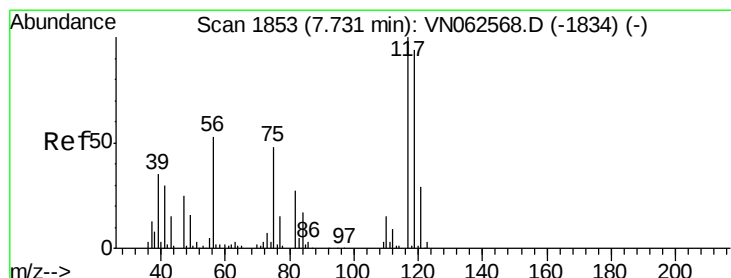
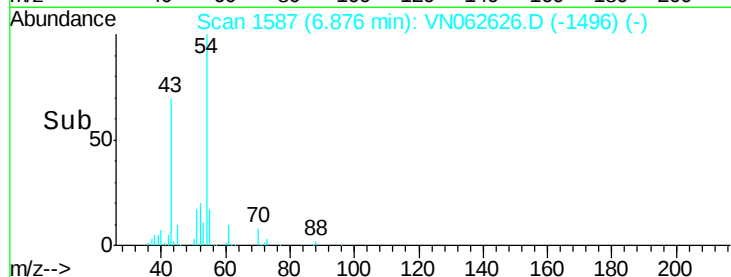
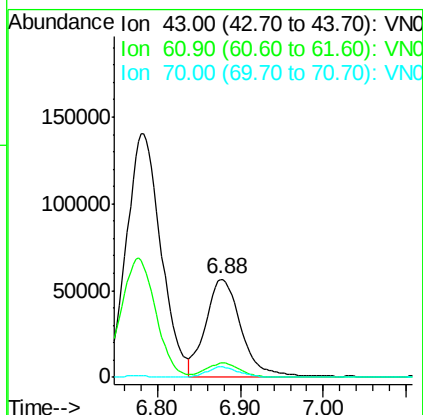
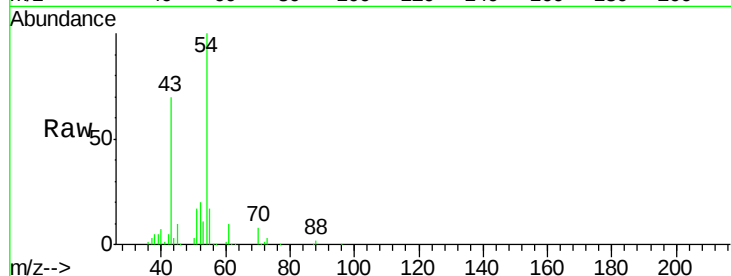




#37
 Ethyl Acetate
 Concen: 47.726 ug/l
 RT: 6.88 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

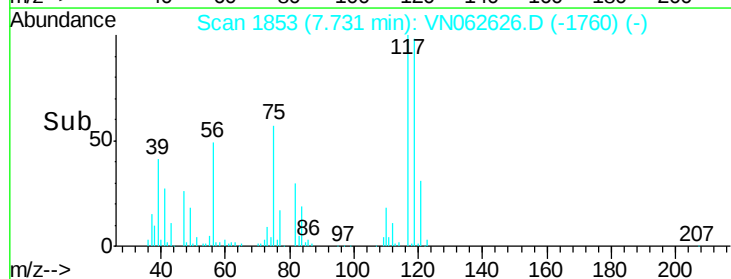
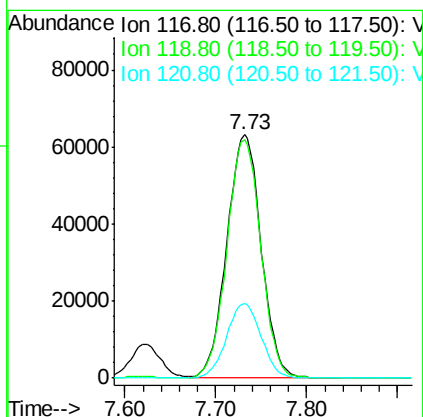
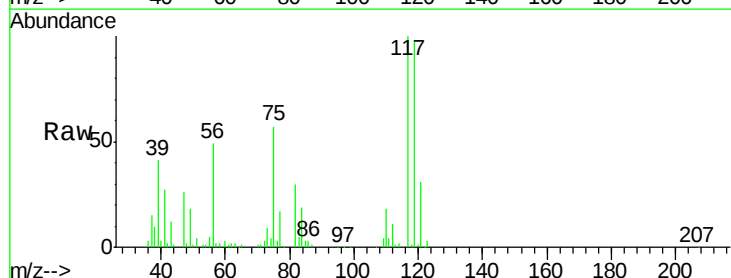
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

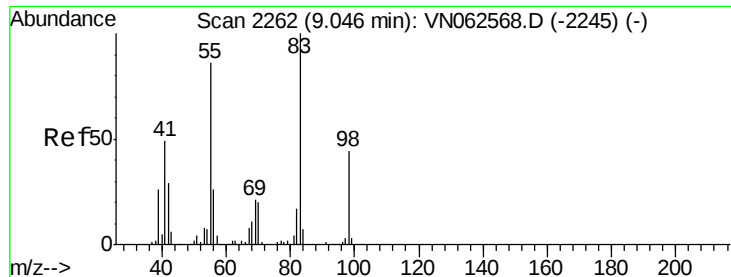
Tgt Ion: 43 Resp: 166716
 Ion Ratio Lower Upper
 43 100
 61 14.3 11.3 16.9
 70 9.8 7.7 11.5



#38
 Carbon Tetrachloride
 Concen: 53.157 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion: 117 Resp: 165579
 Ion Ratio Lower Upper
 117 100
 119 98.0 74.8 112.2
 121 30.8 23.0 34.6

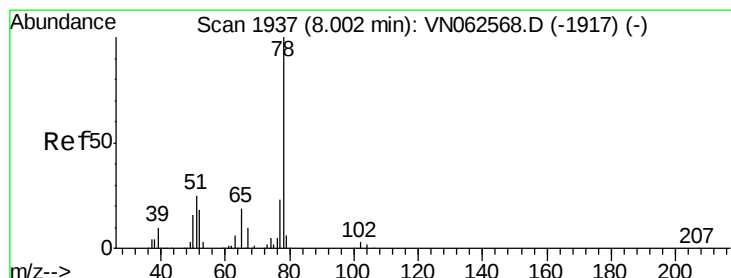
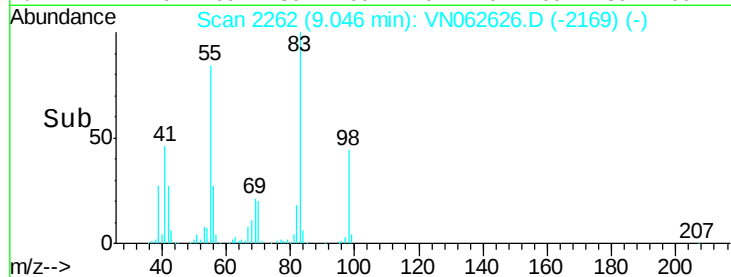
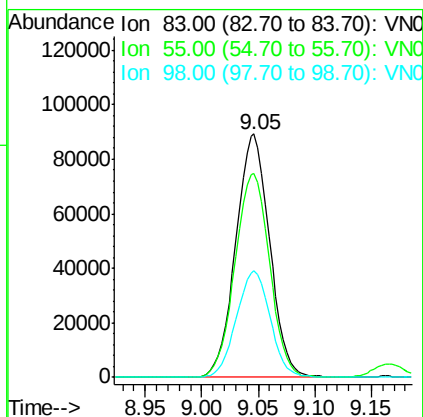
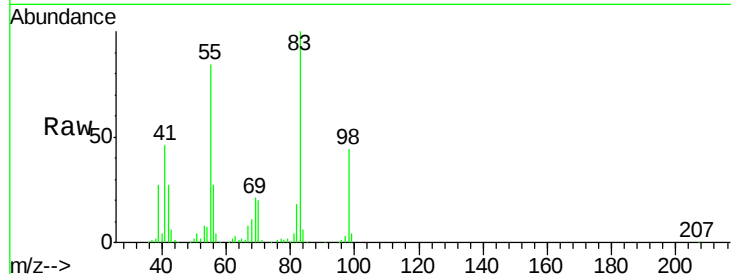




#39
Methylcyclohexane
Concen: 53.348 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

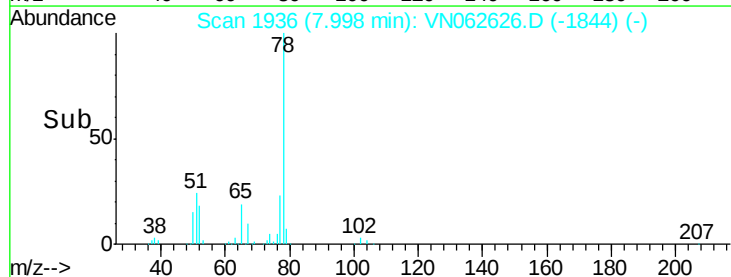
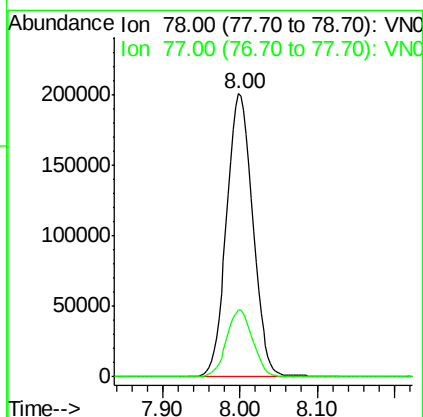
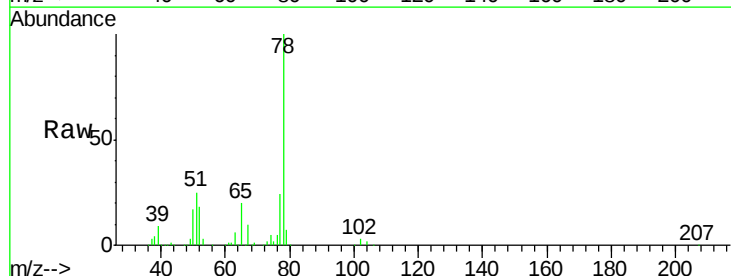
Instrument :
MSVOA_N
ClientSampled :
BFB

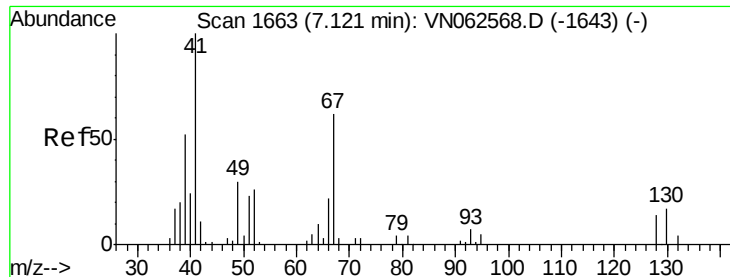
Tgt Ion: 83 Resp: 186099
Ion Ratio Lower Upper
83 100
55 83.6 68.9 103.3
98 43.7 35.1 52.7



#40
Benzene
Concen: 48.188 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion: 78 Resp: 472767
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

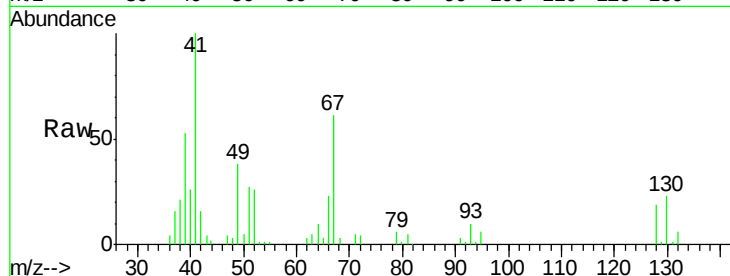




#41
Methacrylonitrile
Concen: 50.198 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Instrument :
MSVOA_N
ClientSampled :
BFB

Tgt Ion:	41	Resp:	75152
Ion	Ratio	Lower	Upper
41	100		
39	67.8	55.8	83.6
67	81.8	72.5	108.7
52	35.0	31.8	47.8

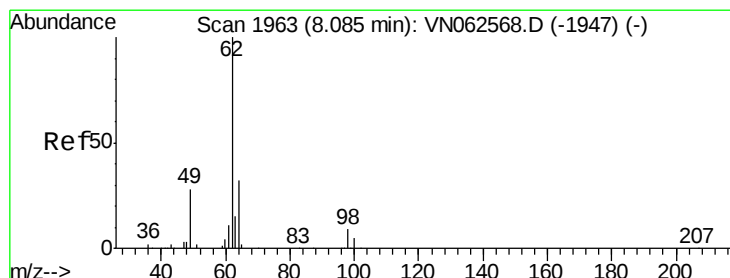
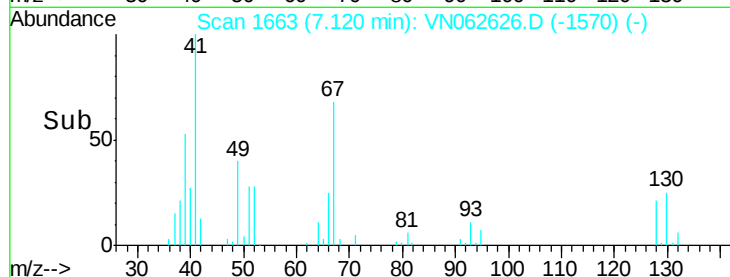
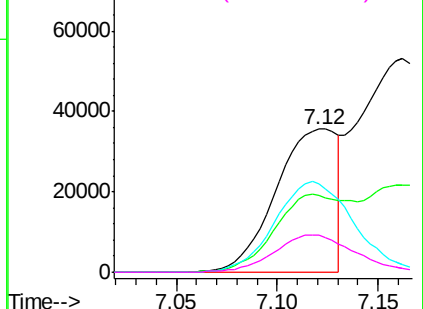


Abundance Ion 41.00 (40.70 to 41.70): VN062626.D (-1570) (-)

Ion 39.00 (38.70 to 39.70): VN062626.D (-1570) (-)

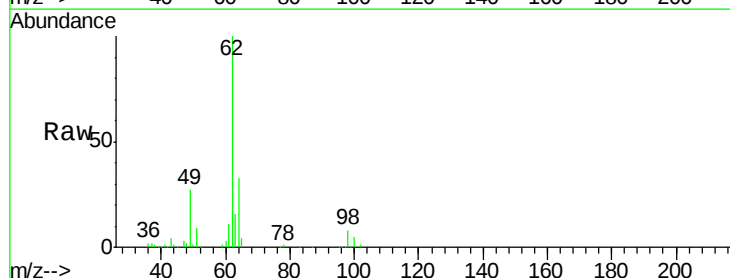
Ion 67.00 (66.70 to 67.70): VN062626.D (-1570) (-)

Ion 52.00 (51.70 to 52.70): VN062626.D (-1570) (-)



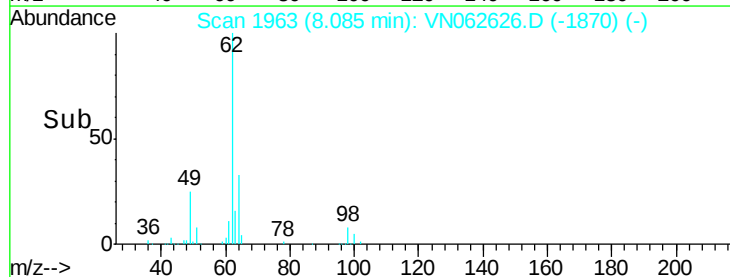
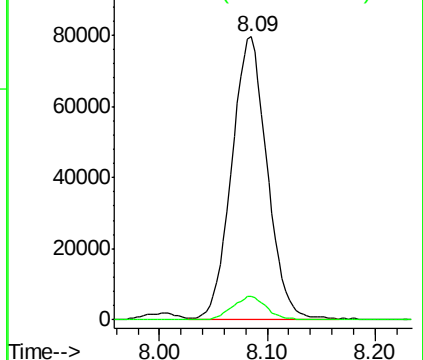
#42
1,2-Dichloroethane
Concen: 50.528 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

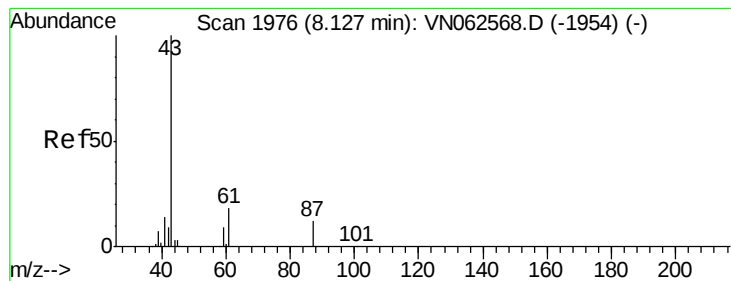
Tgt Ion:	62	Resp:	181233
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VN062626.D (-1870) (-)

Ion 97.90 (97.60 to 98.60): VN062626.D (-1870) (-)





#43

Isopropyl Acetate

Concen: 48.969 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

BFB

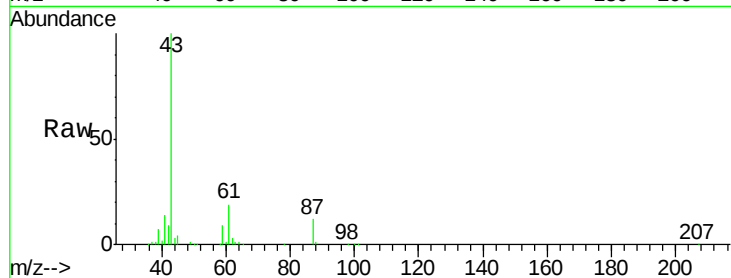
Tgt Ion: 43 Resp: 275757

Ion Ratio Lower Upper

43 100

61 25.6 20.8 31.2

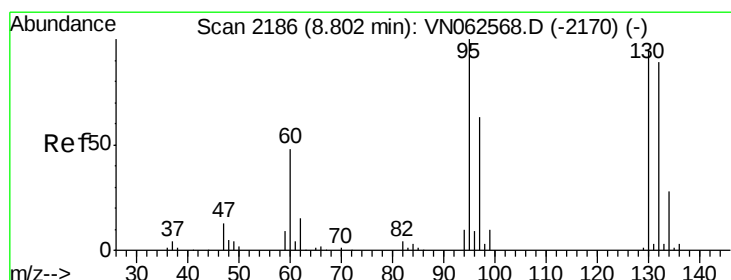
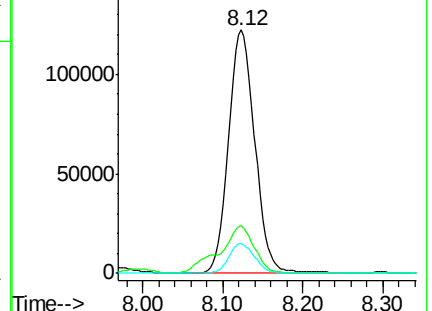
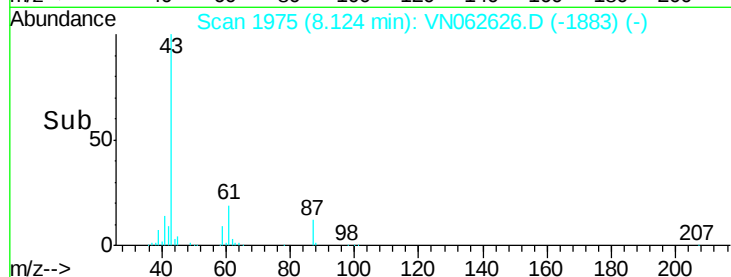
87 12.0 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062626.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062626.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062626.D (-1883) (-)



#44

Trichloroethene

Concen: 49.847 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062626.D

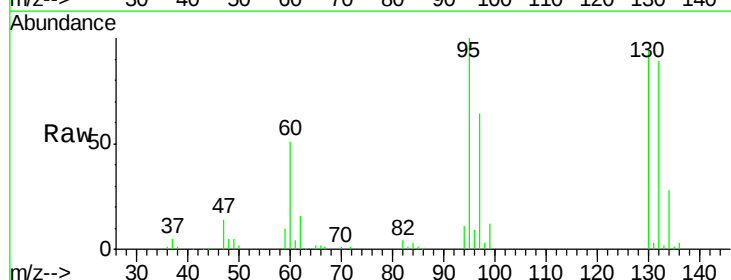
Acq: 28 Jul 2020 10:38

Tgt Ion: 130 Resp: 110285

Ion Ratio Lower Upper

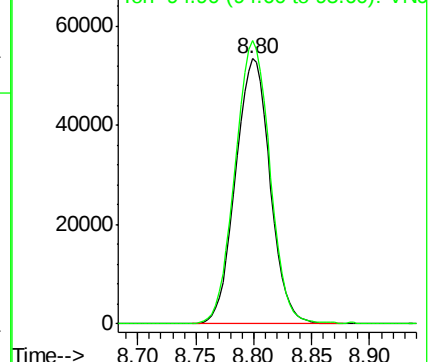
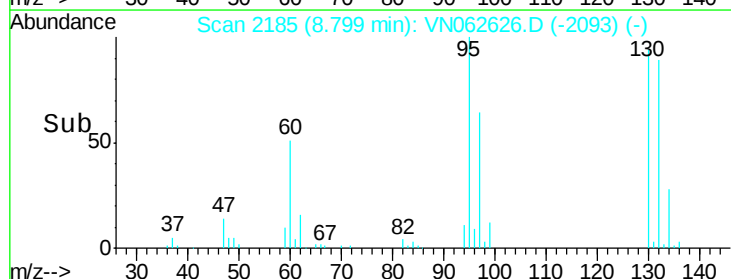
130 100

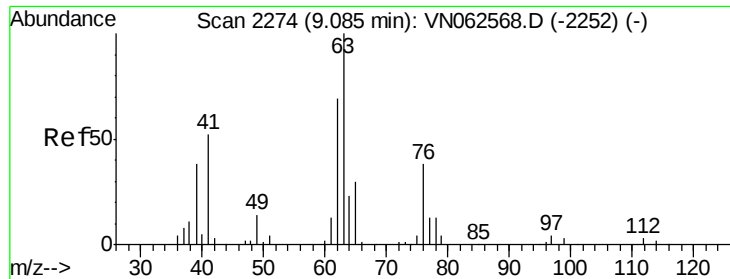
95 106.6 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062626.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062626.D (-2093) (-)

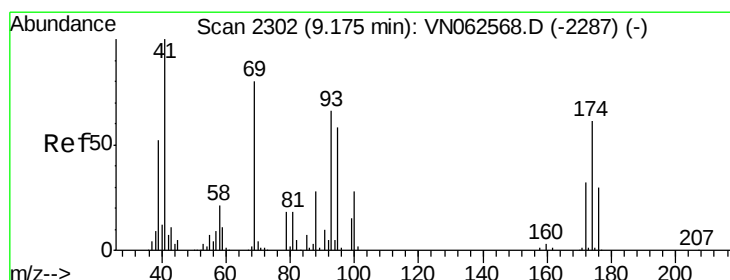
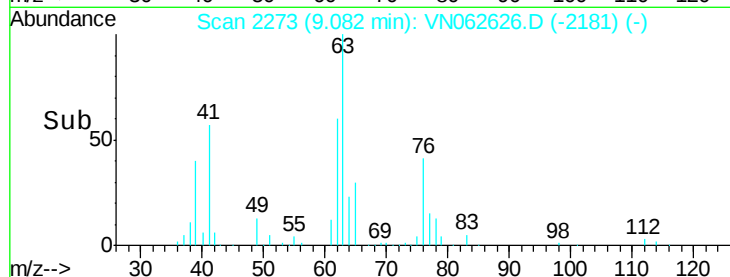
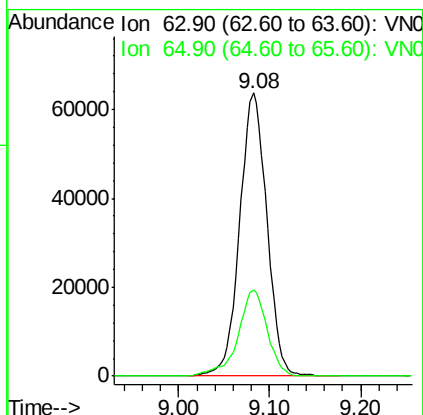
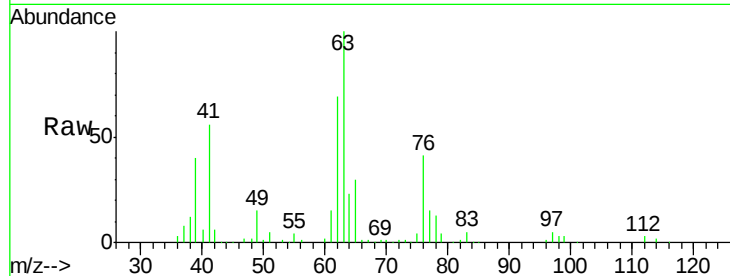




#45
 1,2-Dichloropropane
 Concen: 48.109 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

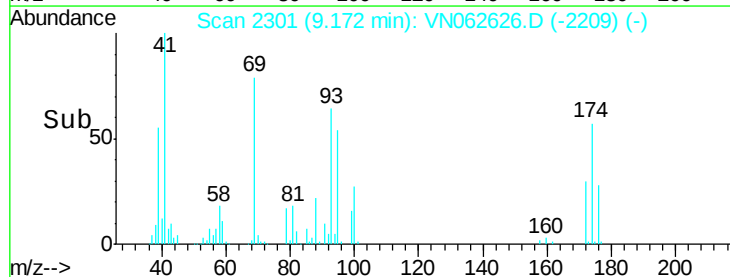
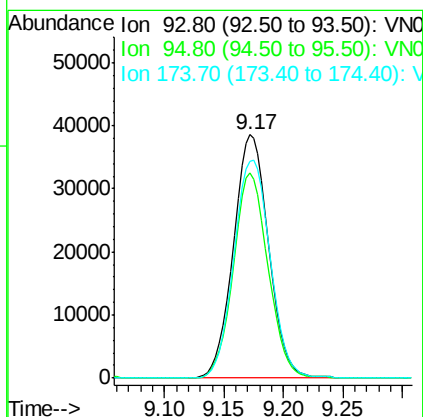
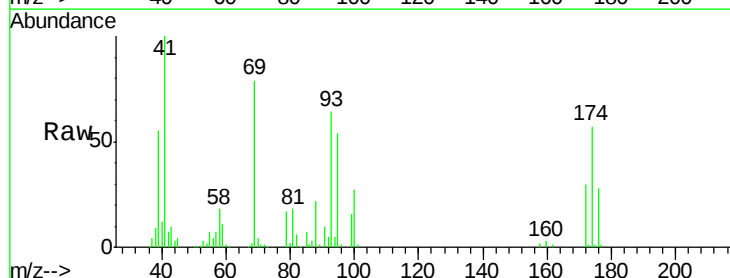
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

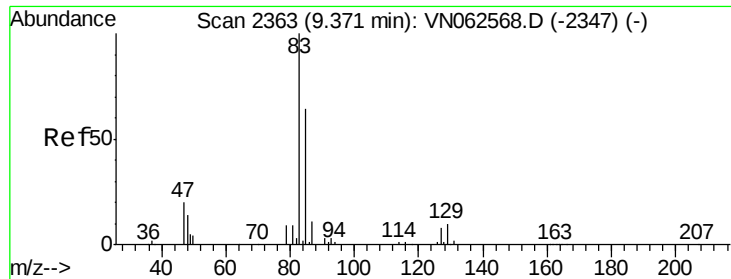
Tgt Ion: 63 Resp: 132519
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.4 36.6



#46
 Dibromomethane
 Concen: 49.755 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion: 93 Resp: 79214
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.6 101.4
 174 92.5 72.5 108.7

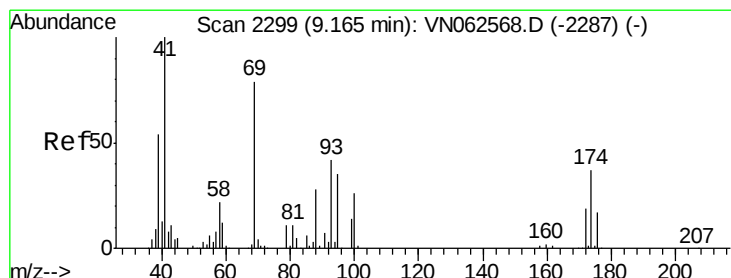
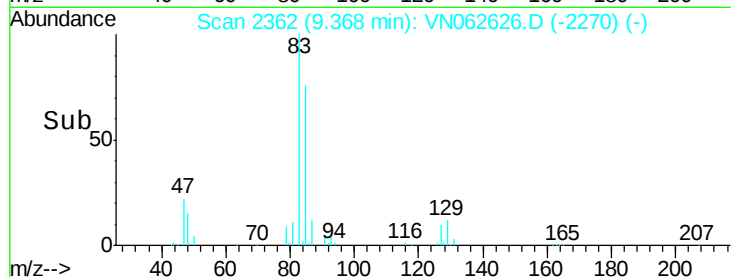
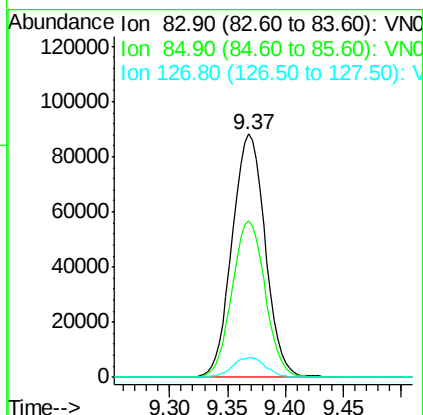
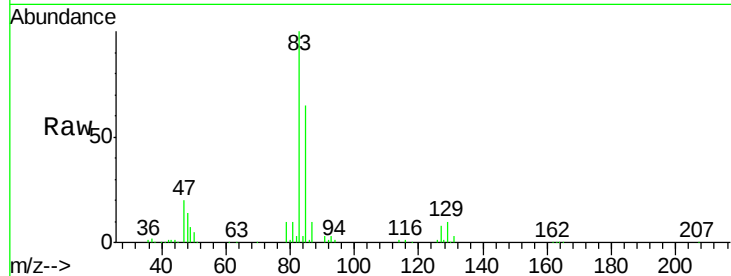




#47
Bromodichloromethane
Concen: 50.831 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

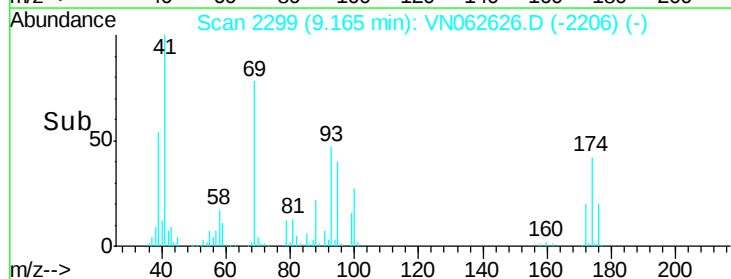
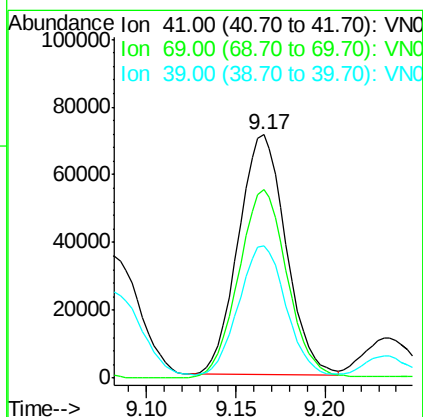
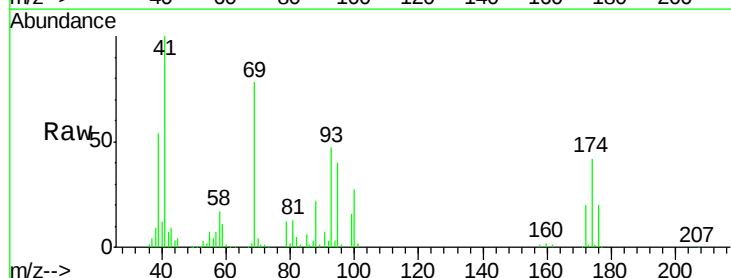
Instrument :
MSVOA_N
ClientSampleId :
BFB

Tgt Ion: 83 Resp: 175326
Ion Ratio Lower Upper
83 100
85 64.5 51.6 77.4
127 8.1 6.2 9.2



#48
Methyl methacrylate
Concen: 49.362 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion: 41 Resp: 132137
Ion Ratio Lower Upper
41 100
69 80.4 64.4 96.6
39 53.0 43.5 65.3

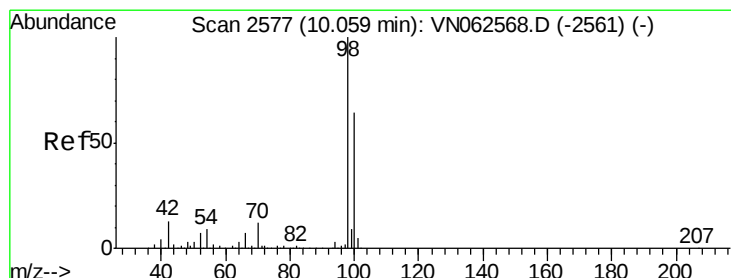
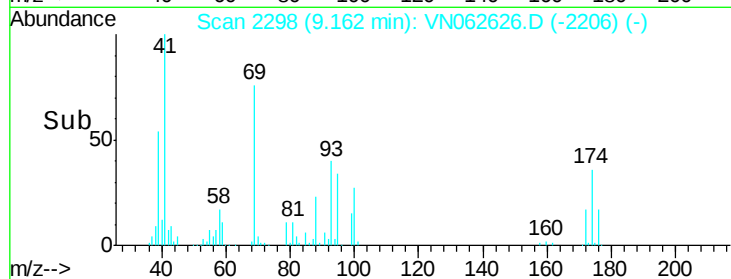
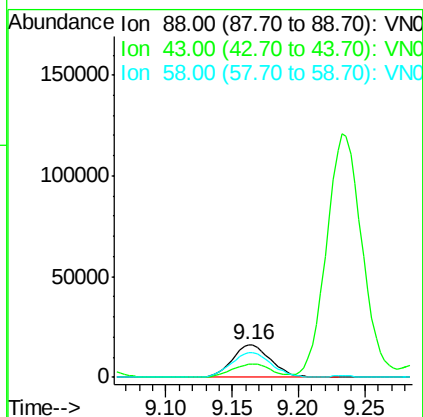
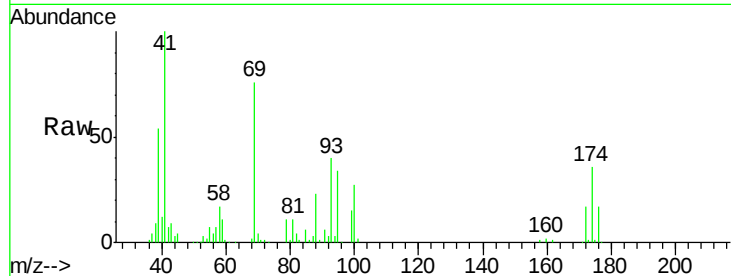




#49
 1,4-Dioxane
 Concen: 803.367 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

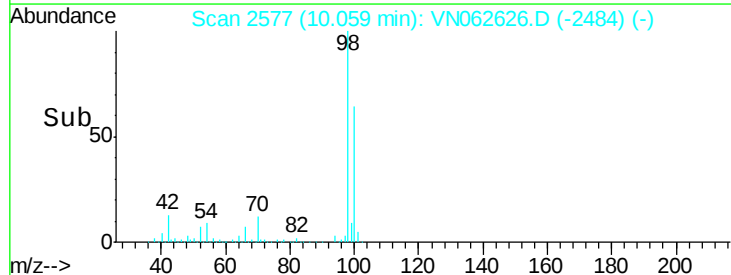
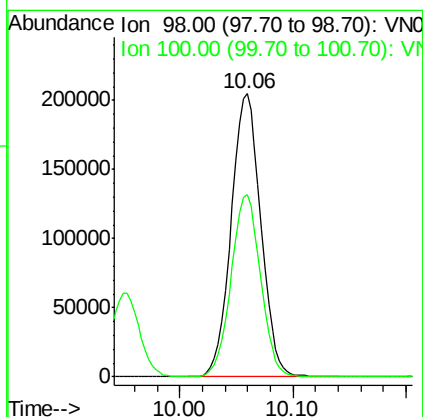
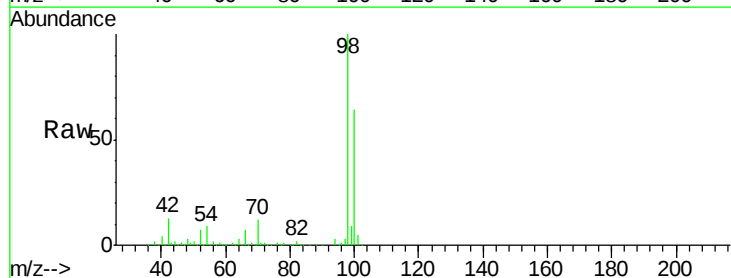
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

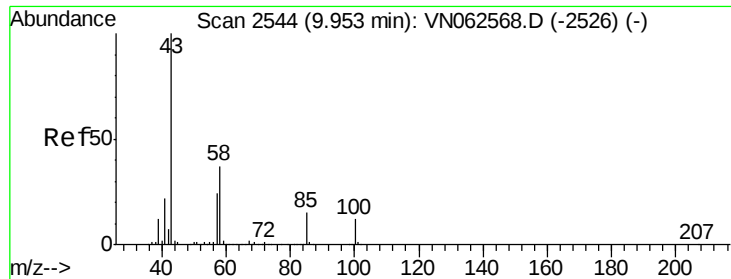
Tgt Ion: 88 Resp: 33030
 Ion Ratio Lower Upper
 88 100
 43 39.5 32.0 48.0
 58 78.8 62.8 94.2



#50
 Toluene-d8
 Concen: 46.968 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion: 98 Resp: 374237
 Ion Ratio Lower Upper
 98 100
 100 63.8 50.9 76.3

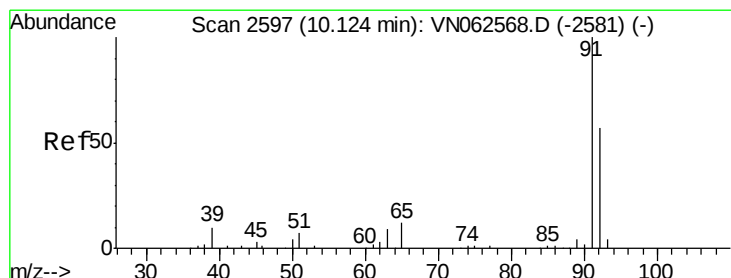
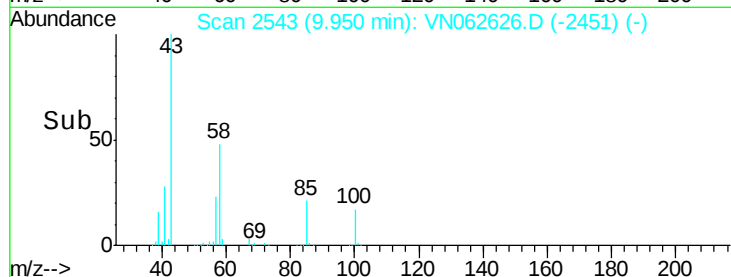
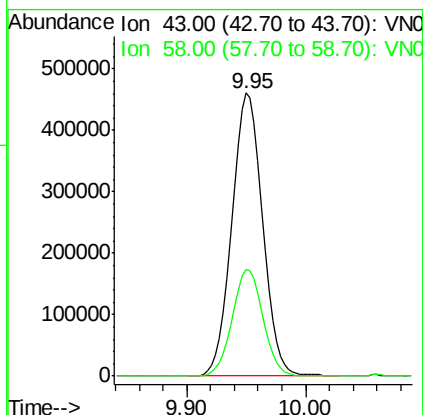
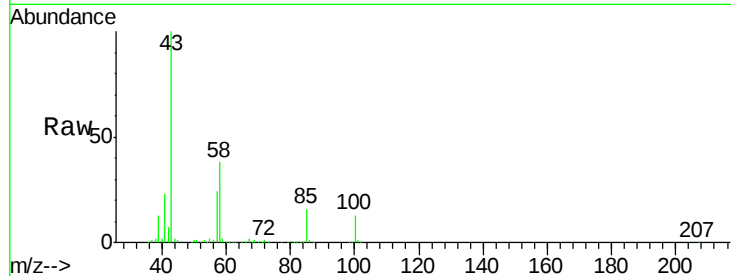




#51
4-Methyl-2-Pentanone
Concen: 244.663 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

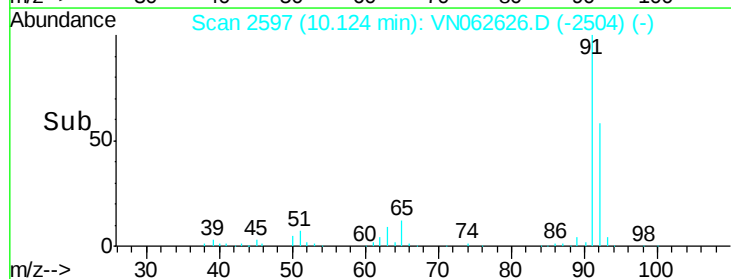
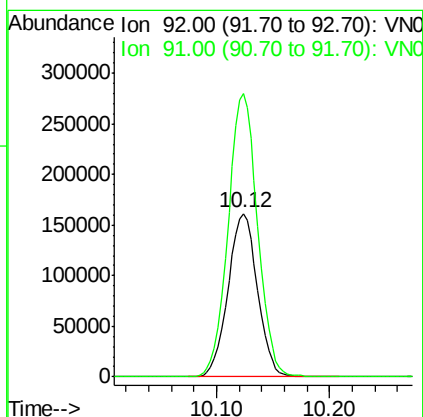
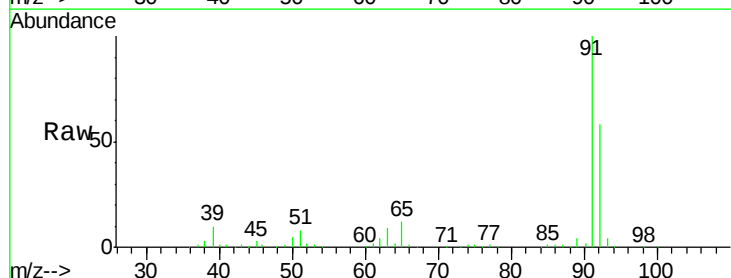
Instrument :
MSVOA_N
ClientSampleId :
BFB

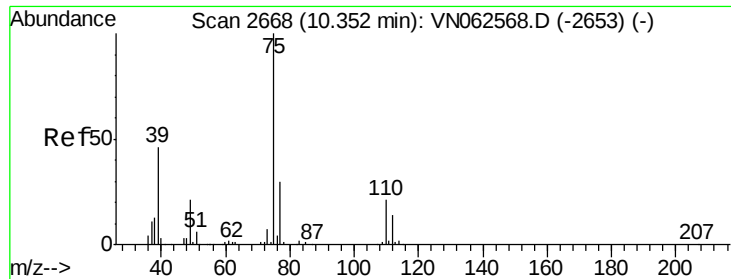
Tgt Ion: 43 Resp: 824375
Ion Ratio Lower Upper
43 100
58 37.8 29.8 44.6



#52
Toluene
Concen: 51.238 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion: 92 Resp: 291893
Ion Ratio Lower Upper
92 100
91 173.2 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 52.856 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampled :

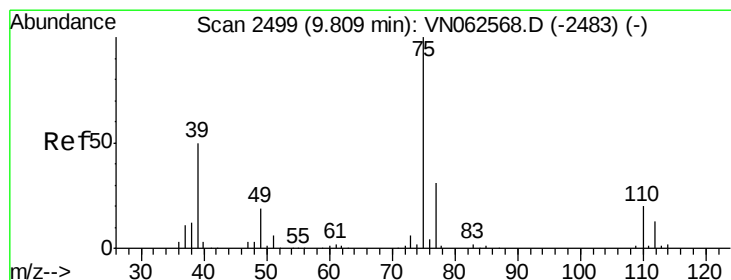
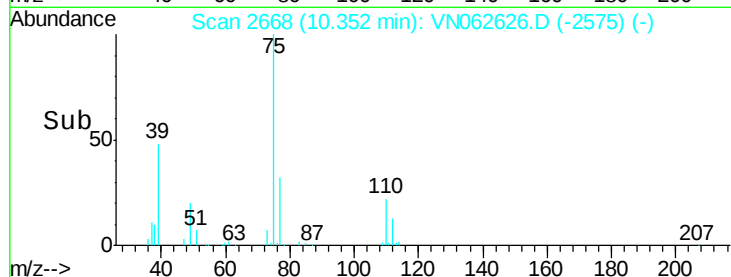
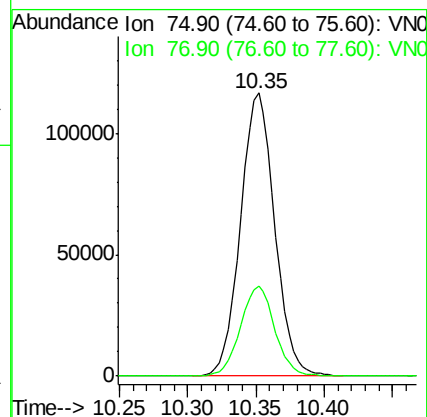
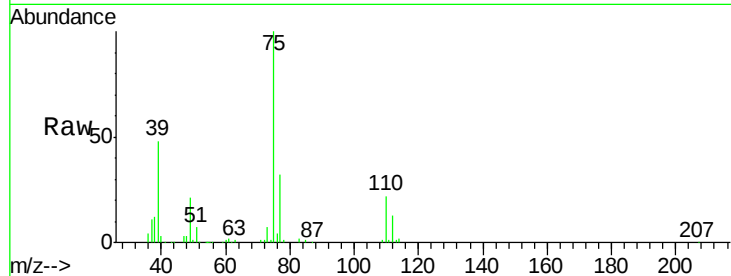
BFB

Tgt Ion: 75 Resp: 202950

Ion Ratio Lower Upper

75 100

77 31.8 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 51.639 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

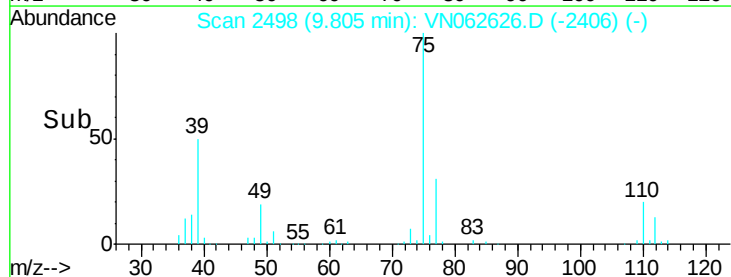
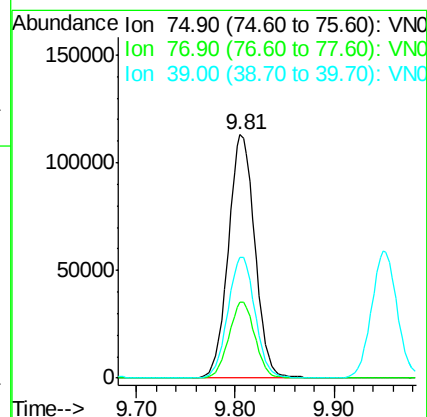
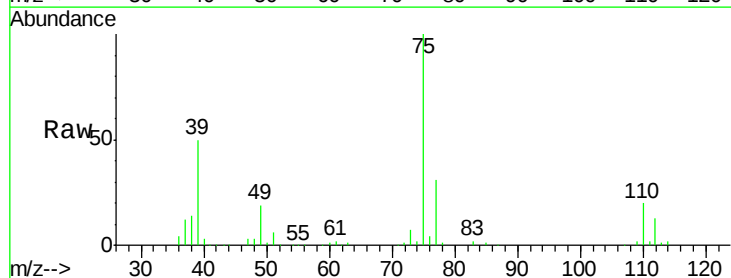
Tgt Ion: 75 Resp: 212757

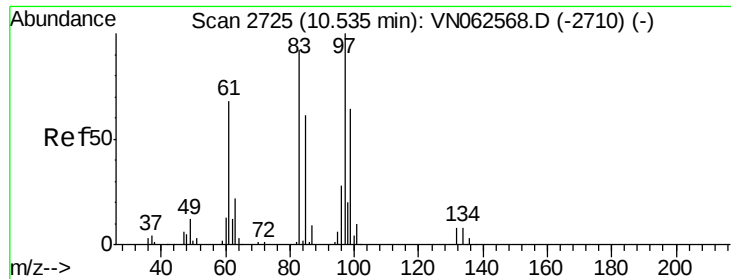
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6

39 49.6 39.8 59.8

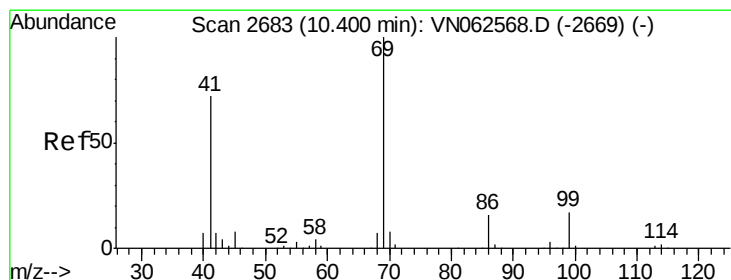
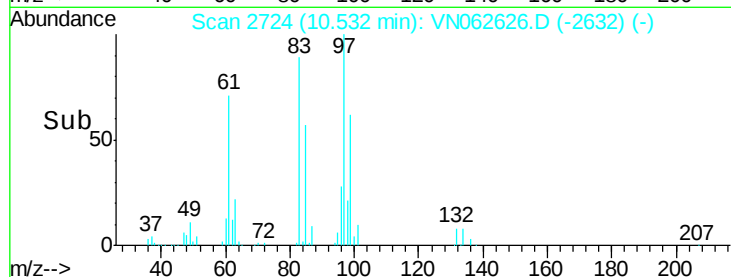
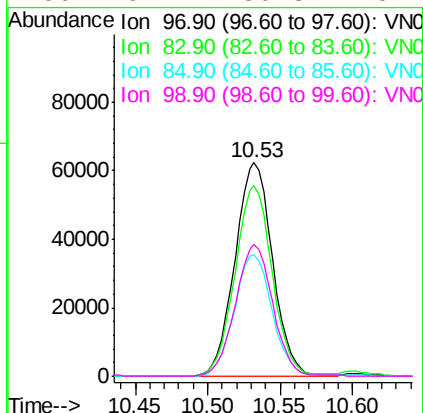
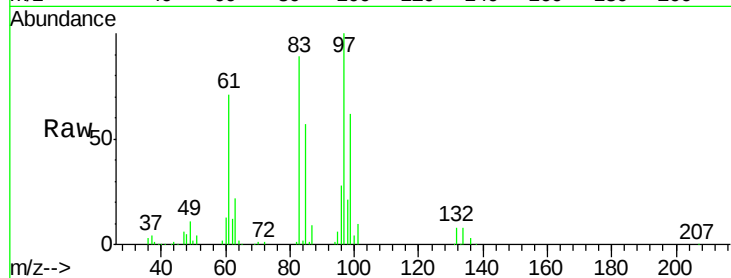




#55
 1,1,2-Trichloroethane
 Concen: 50.913 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

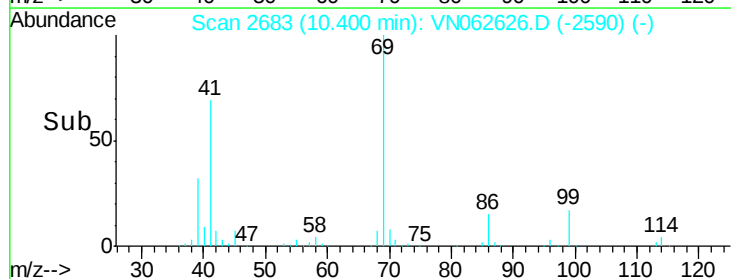
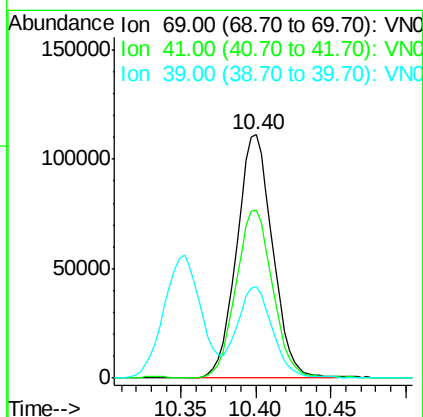
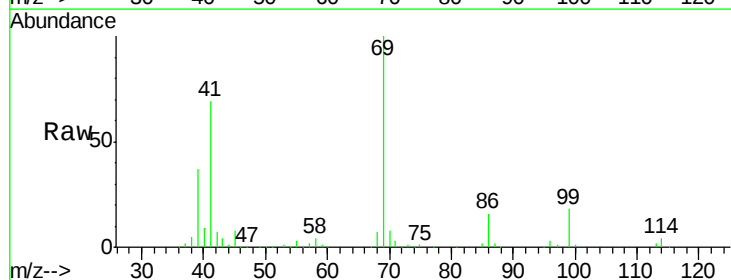
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

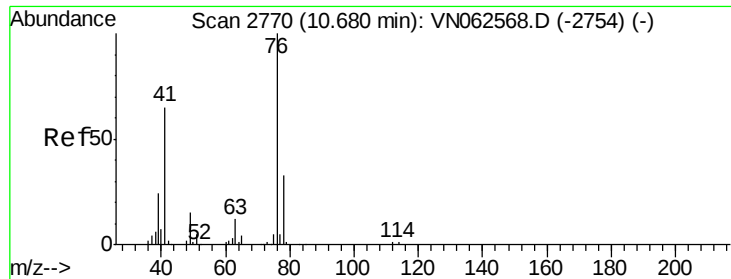
Tgt Ion: 97 Resp: 112505
 Ion Ratio Lower Upper
 97 100
 83 89.3 73.7 110.5
 85 56.7 48.5 72.7
 99 61.7 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 46.928 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion: 69 Resp: 185754
 Ion Ratio Lower Upper
 69 100
 41 70.1 57.2 85.8
 39 36.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 50.589 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampled :

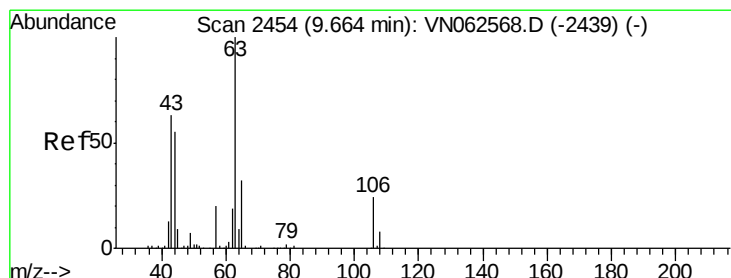
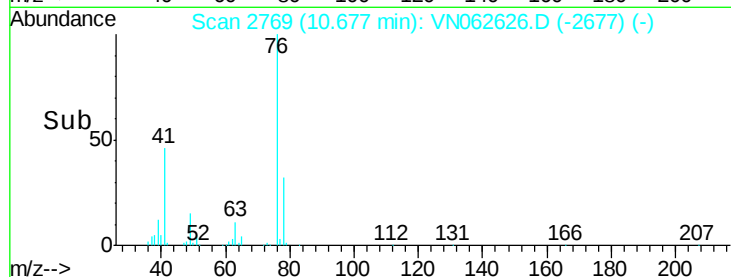
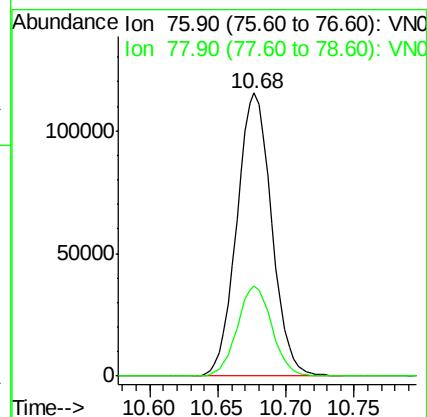
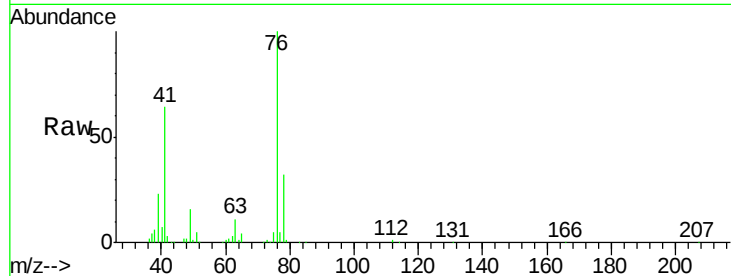
BFB

Tgt Ion: 76 Resp: 204800

Ion Ratio Lower Upper

76 100

78 31.7 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 272.427 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062626.D

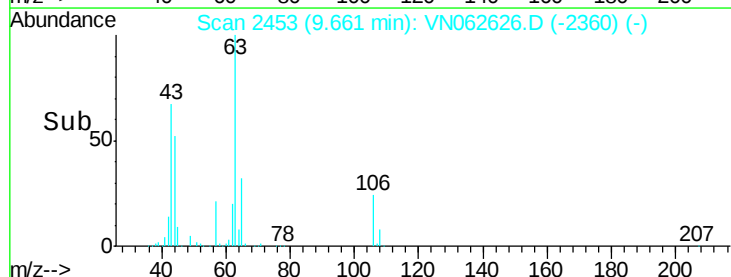
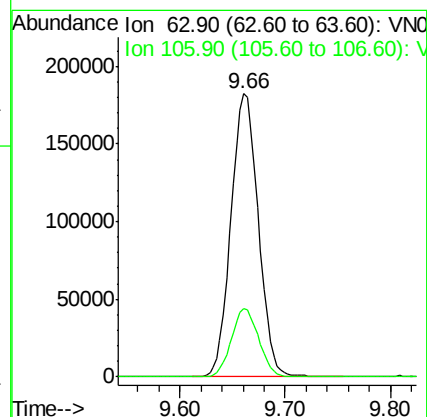
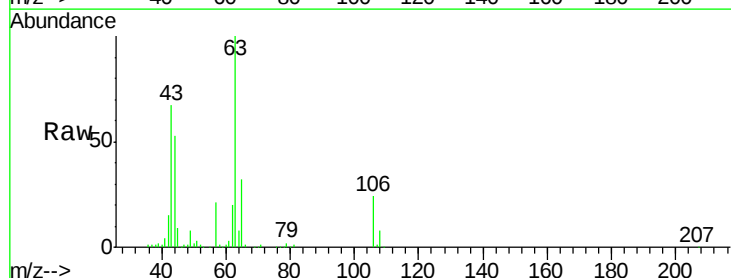
Acq: 28 Jul 2020 10:38

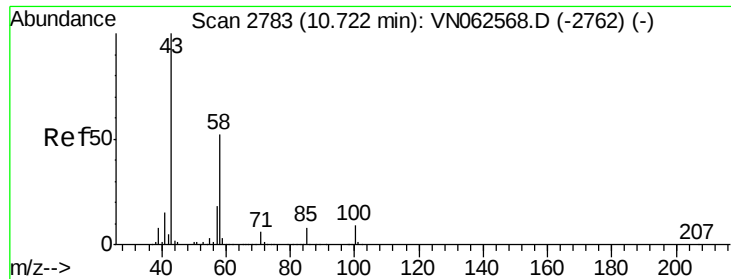
Tgt Ion: 63 Resp: 327679

Ion Ratio Lower Upper

63 100

106 24.1 18.9 28.3

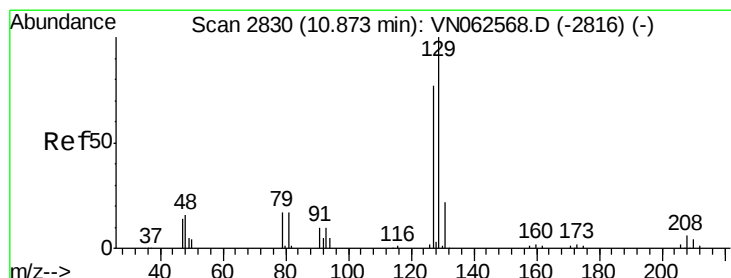
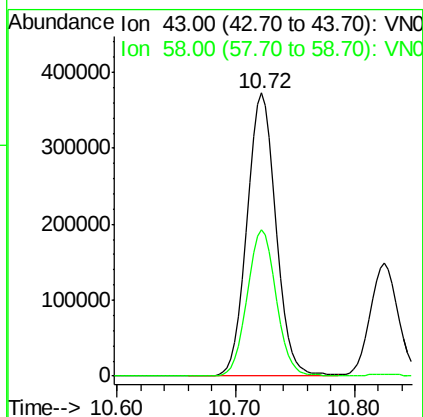
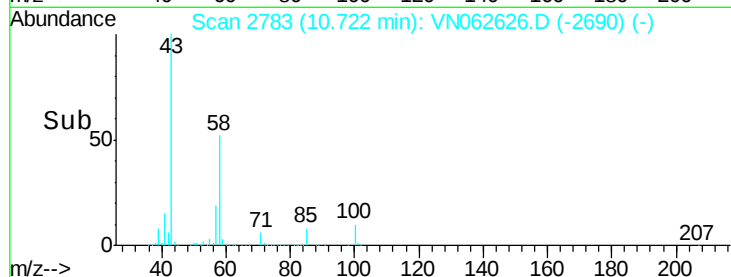
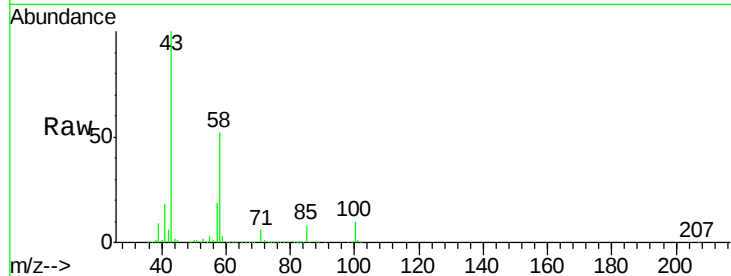




#59
2-Hexanone
Concen: 240.877 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

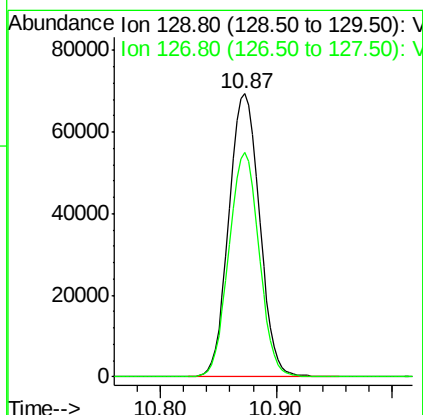
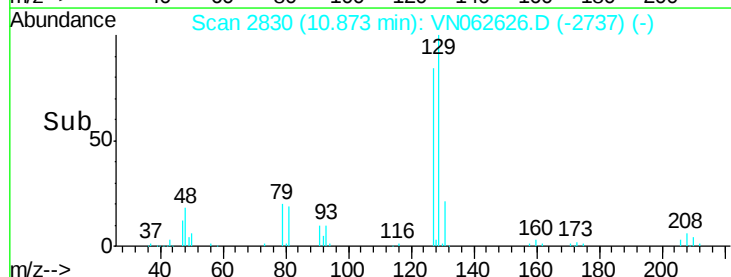
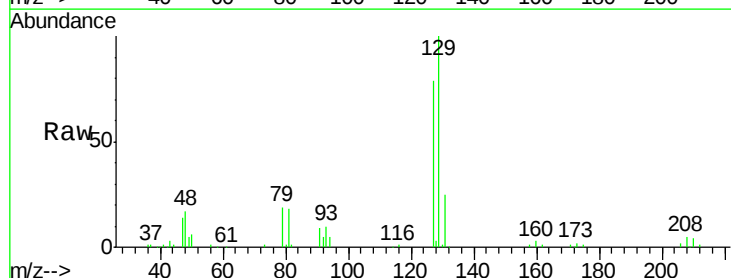
Instrument :
MSVOA_N
ClientSampled :
BFB

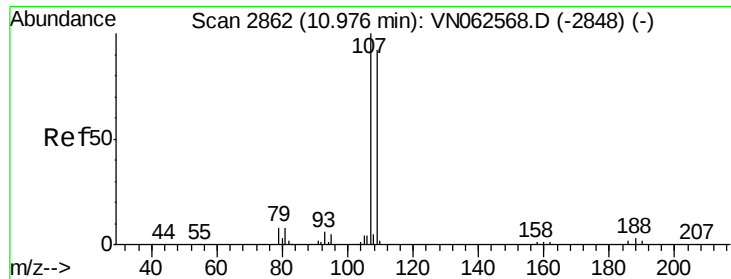
Tgt Ion: 43 Resp: 627394
Ion Ratio Lower Upper
43 100
58 52.0 26.0 78.0



#60
Dibromochloromethane
Concen: 51.646 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion: 129 Resp: 127315
Ion Ratio Lower Upper
129 100
127 78.0 38.0 113.9

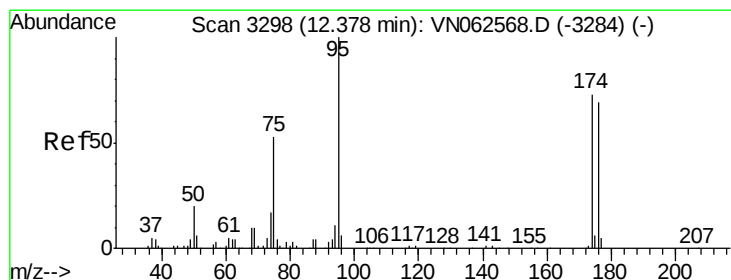
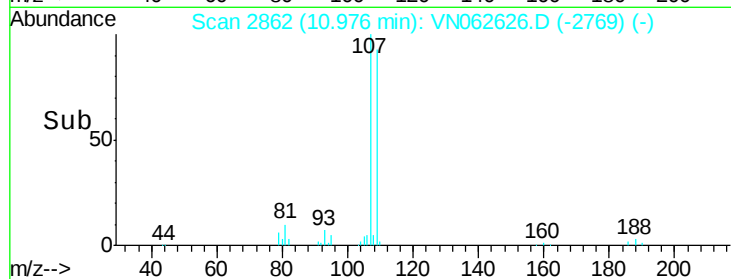
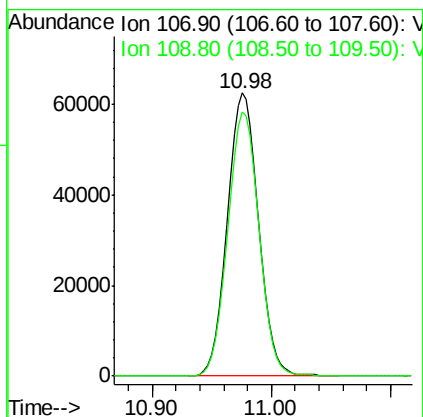
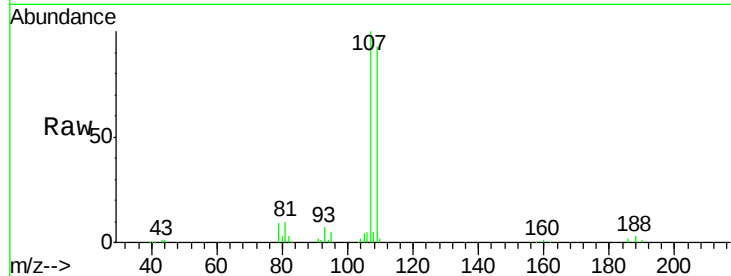




#61
 1,2-Dibromoethane
 Concen: 49.247 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

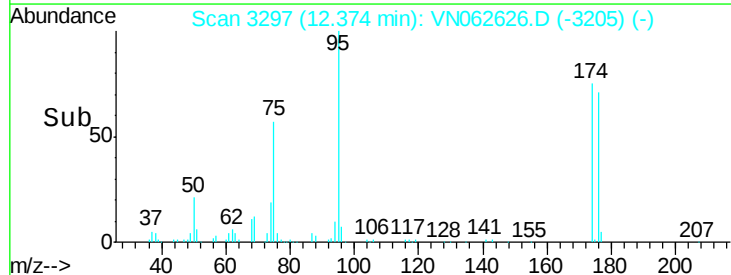
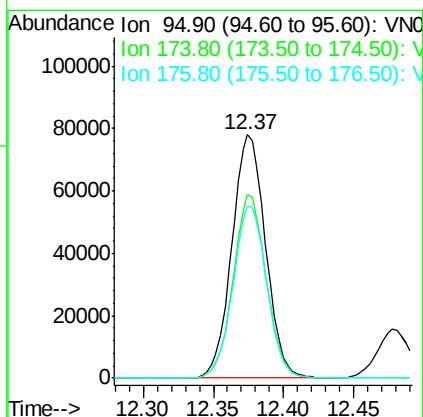
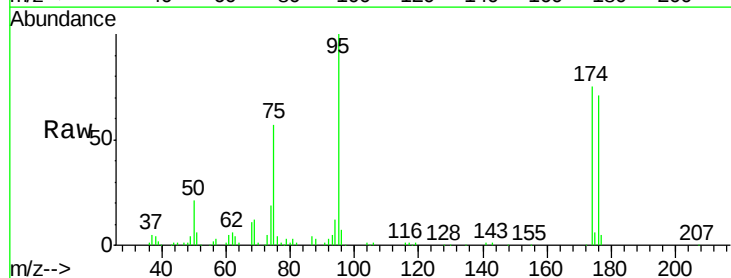
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

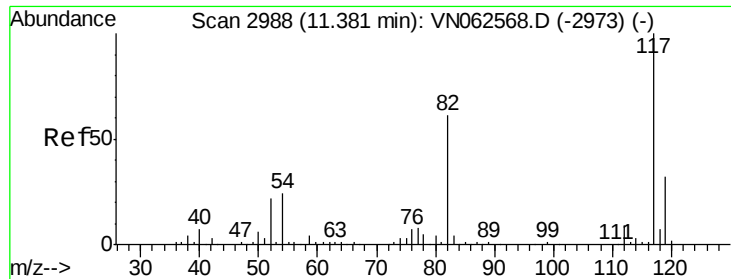
Tgt Ion: 107 Resp: 113318
 Ion Ratio Lower Upper
 107 100
 109 93.8 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 44.766 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion: 95 Resp: 130423
 Ion Ratio Lower Upper
 95 100
 174 73.8 0.0 144.6
 176 71.0 0.0 139.4

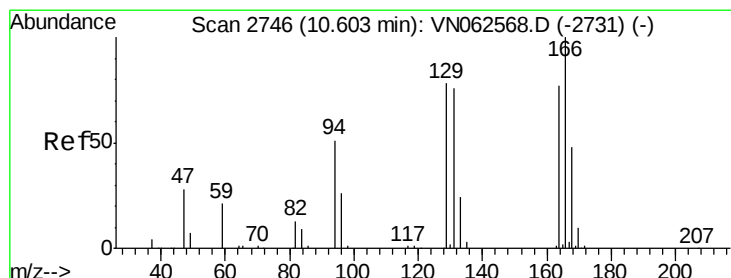
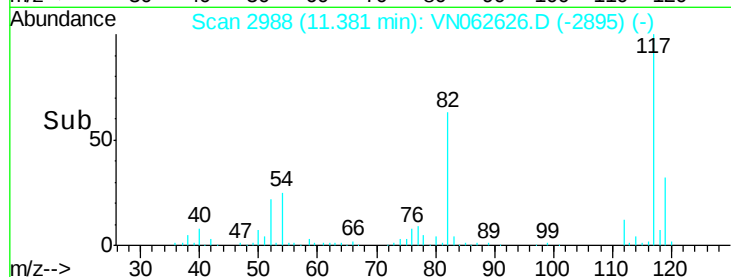
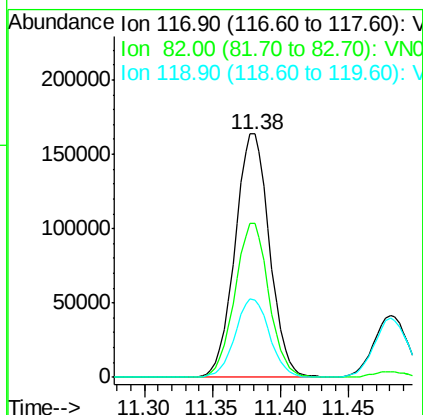
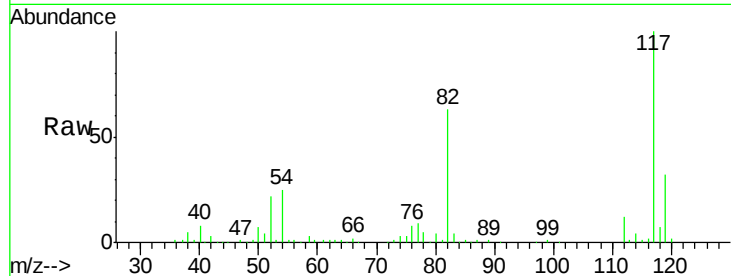




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

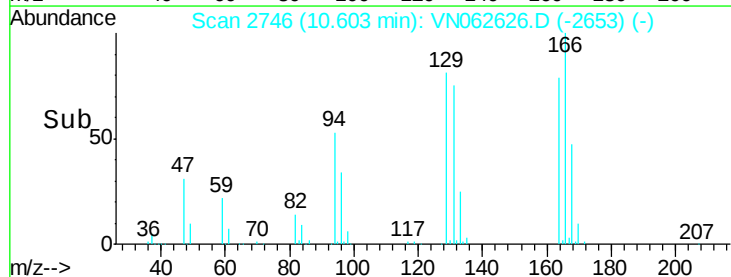
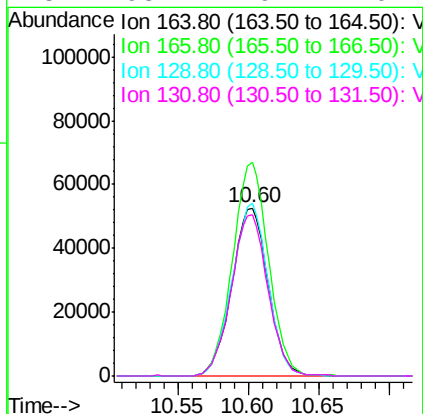
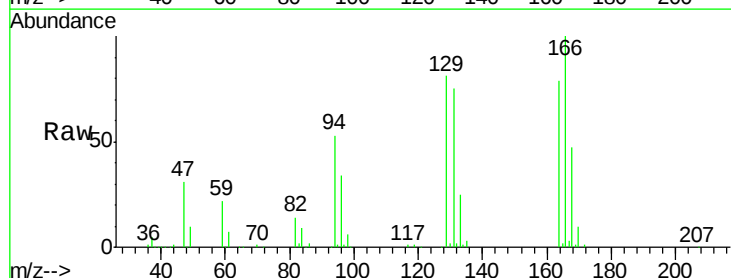
Instrument :
MSVOA_N
ClientSampled :
BFB

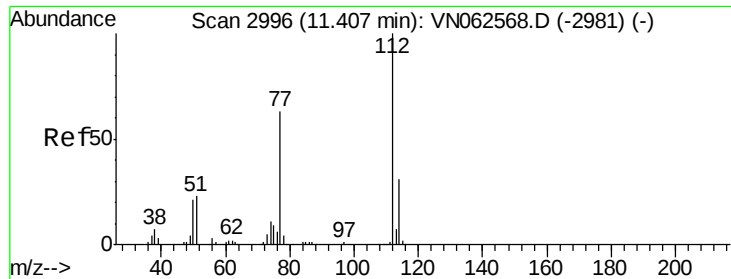
Tgt Ion:117 Resp: 287397
Ion Ratio Lower Upper
117 100
82 63.1 49.0 73.6
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 50.842 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion:164 Resp: 94937
Ion Ratio Lower Upper
164 100
166 127.3 104.4 156.6
129 102.7 81.0 121.4
131 95.7 79.4 119.2





#65

Chlorobenzene

Concen: 49.603 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

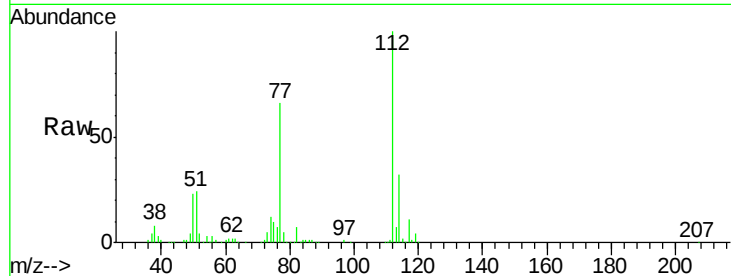
BFB

Tgt Ion:112 Resp: 298864

Ion Ratio Lower Upper

112 100

114 32.4 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.40

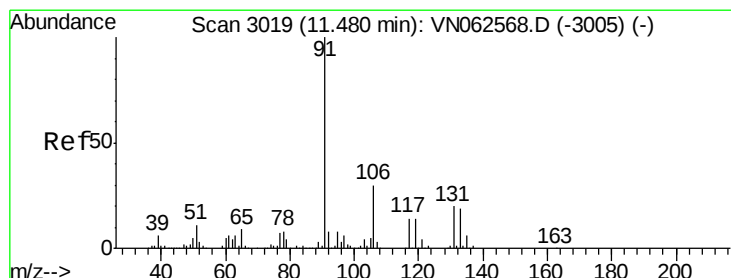
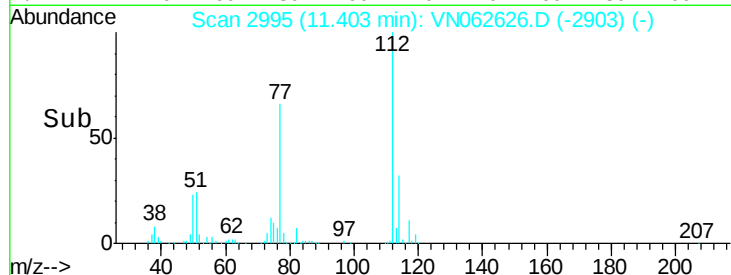
150000

100000

50000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 46.843 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

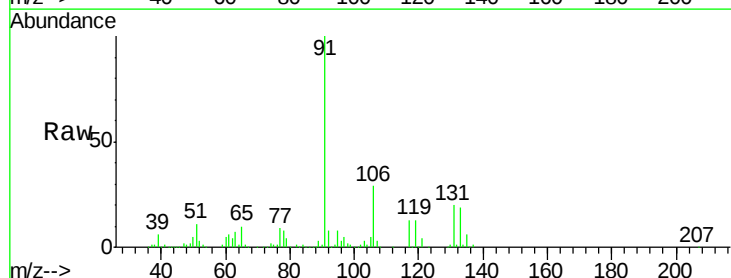
Tgt Ion:131 Resp: 106175

Ion Ratio Lower Upper

131 100

133 96.2 47.3 142.0

119 64.3 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

11.48

80000

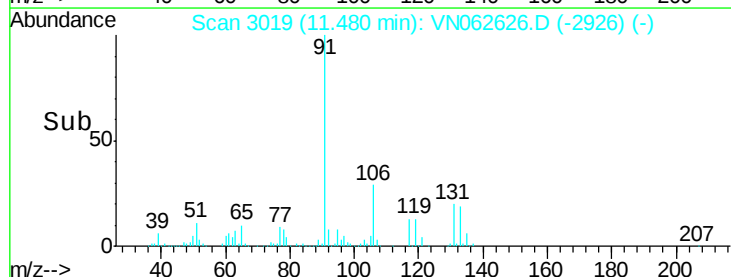
60000

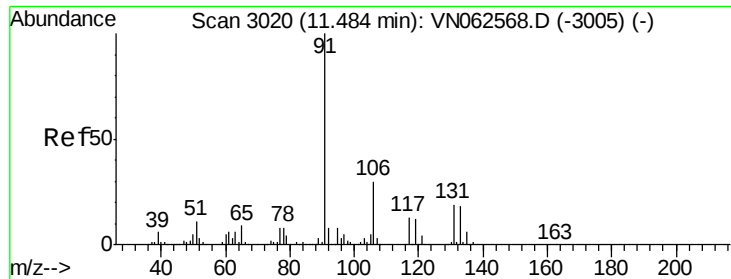
40000

20000

0

Time--> 11.40 11.45 11.50 11.55

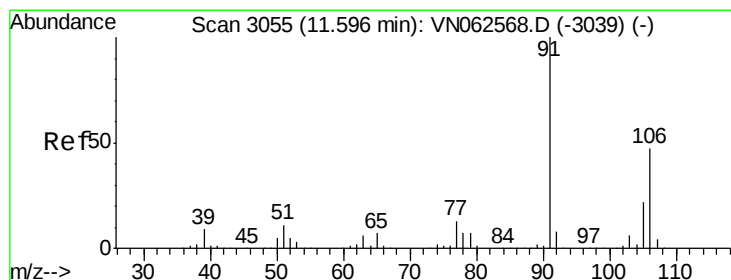
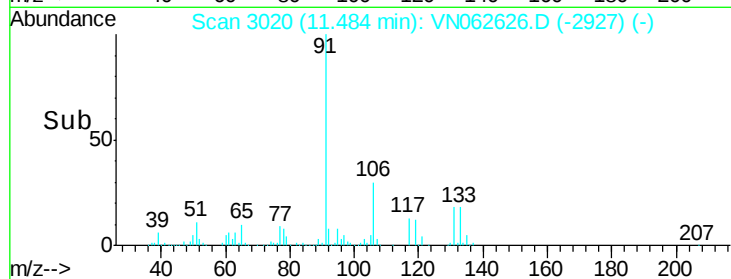
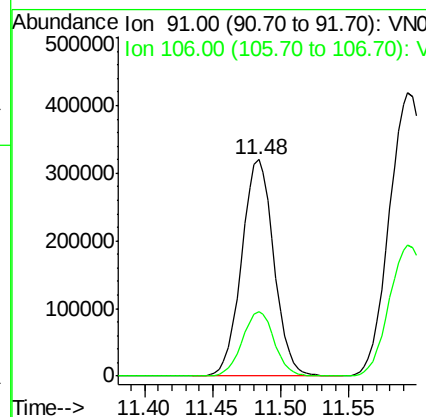
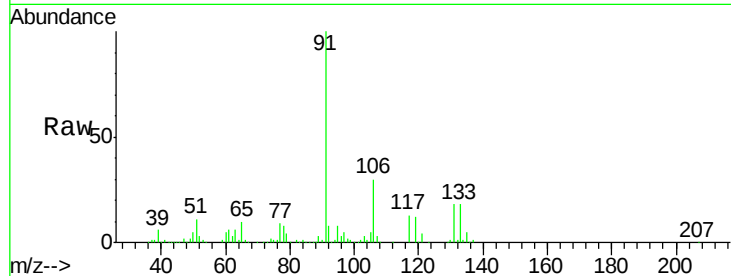




#67
Ethyl Benzene
Concen: 47.584 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

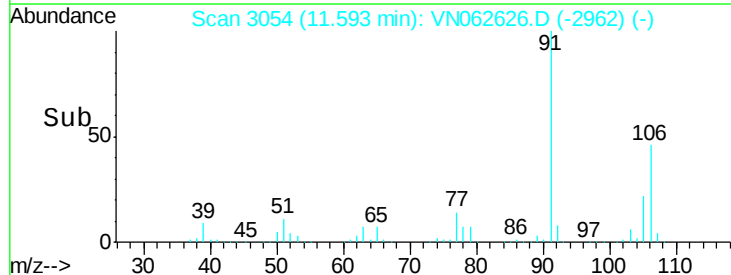
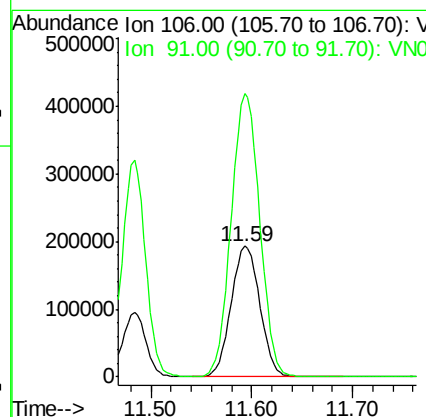
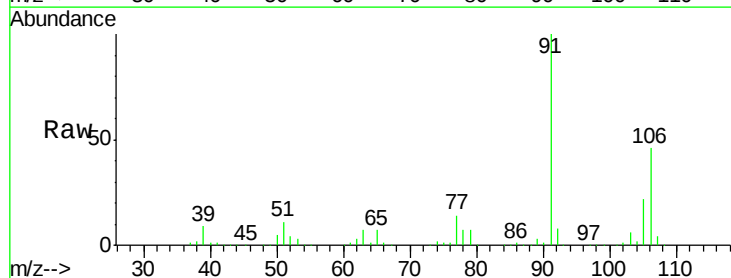
Instrument :
MSVOA_N
ClientSampled :
BFB

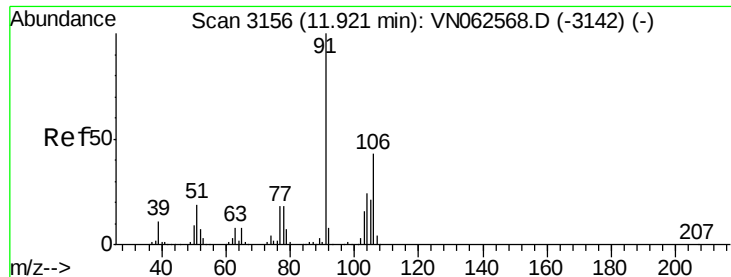
Tgt Ion: 91 Resp: 525662
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.8



#68
m/p-Xylenes
Concen: 96.634 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion: 106 Resp: 383699
Ion Ratio Lower Upper
106 100
91 215.3 171.4 257.2

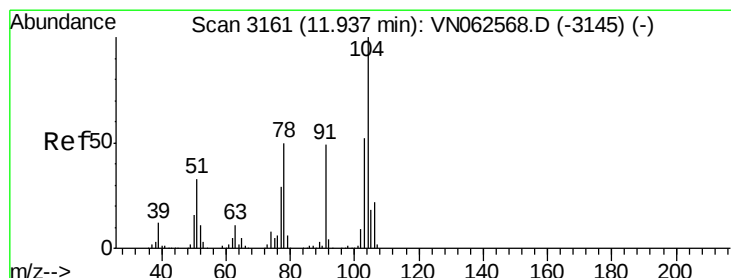
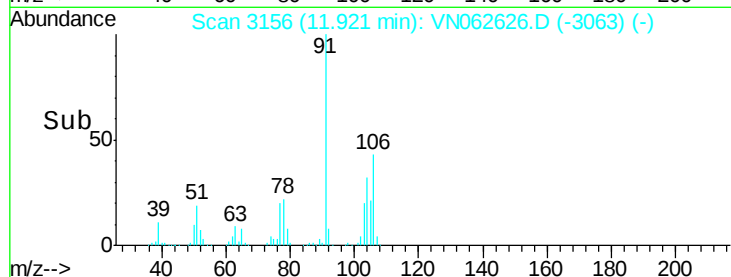
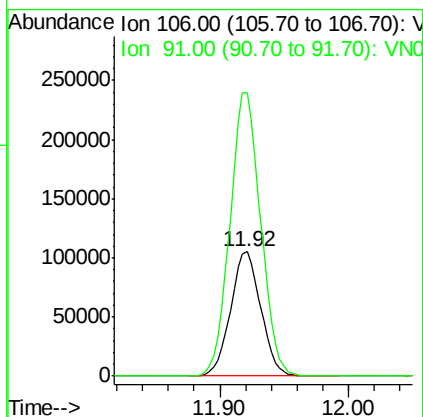
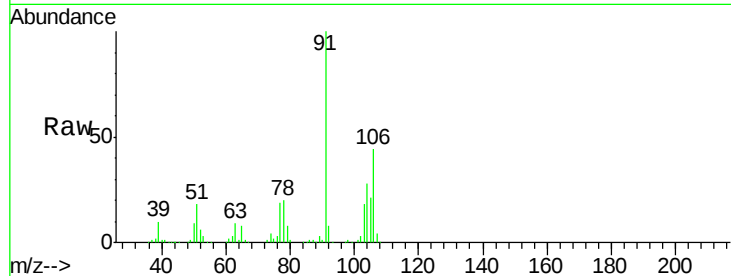




#69
o-Xylene
Concen: 45.396 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

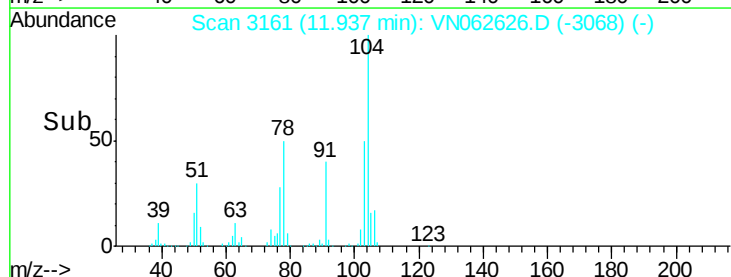
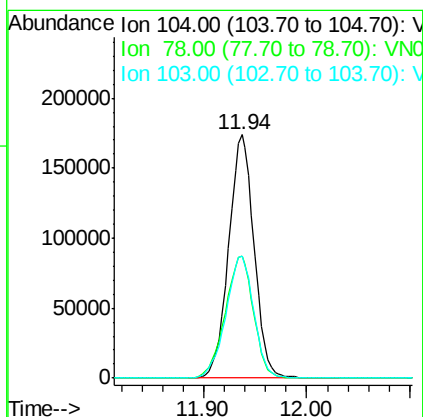
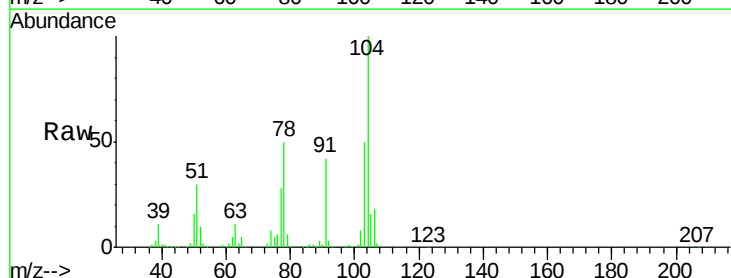
Instrument :
MSVOA_N
ClientSampled :
BFB

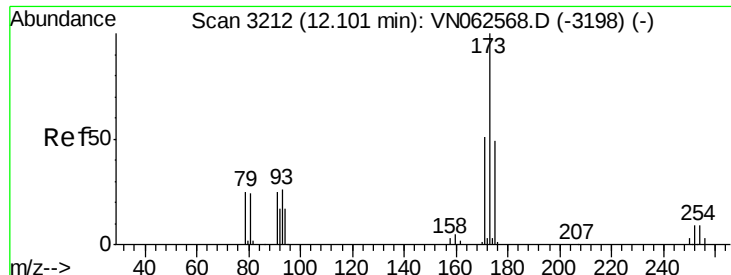
Tgt Ion:106 Resp: 171165
Ion Ratio Lower Upper
106 100
91 231.4 113.8 341.2



#70
Styrene
Concen: 46.908 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion:104 Resp: 298770
Ion Ratio Lower Upper
104 100
78 55.8 43.8 65.6
103 54.9 44.0 66.0





#71

Bromoform

Concen: 45.180 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampled :

BFB

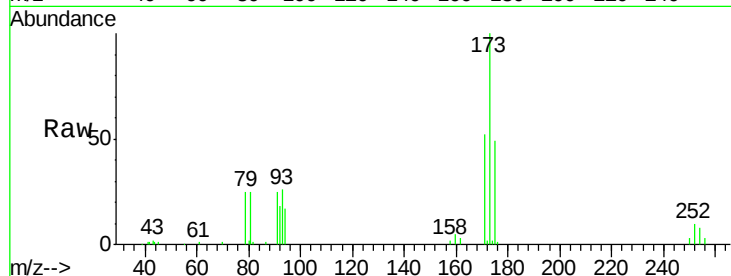
Tgt Ion:173 Resp: 76889

Ion Ratio Lower Upper

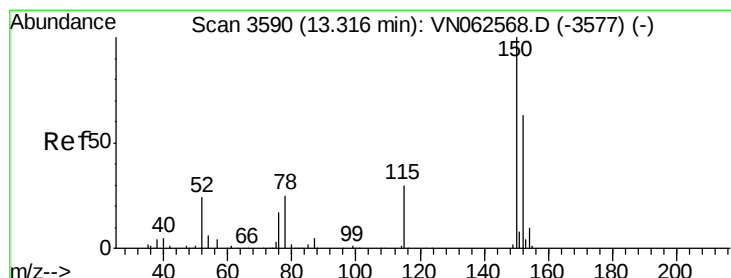
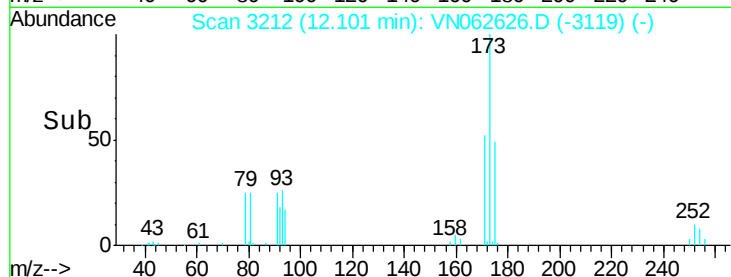
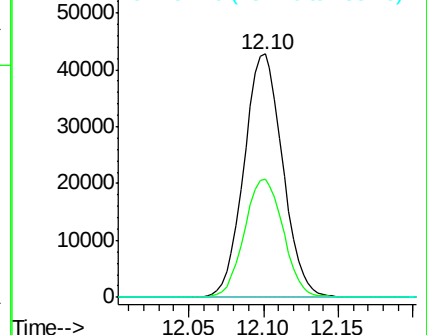
173 100

175 48.8 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: VN062626.D

Acq: 28 Jul 2020 10:38

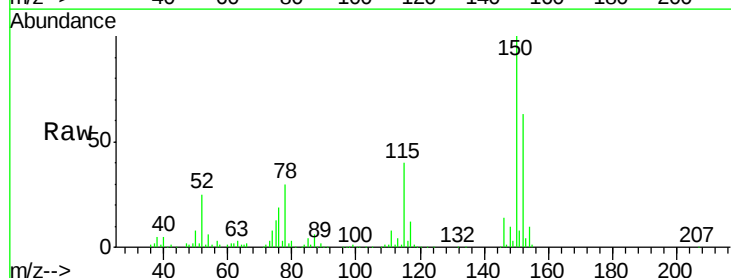
Tgt Ion:152 Resp: 121316

Ion Ratio Lower Upper

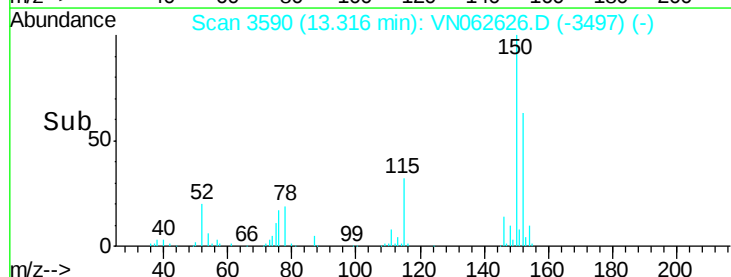
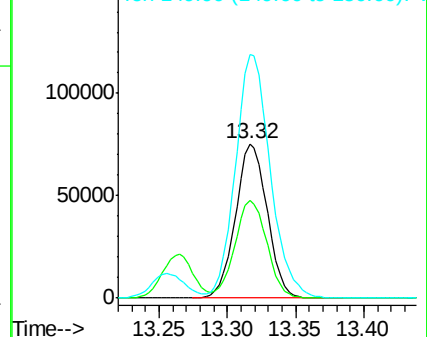
152 100

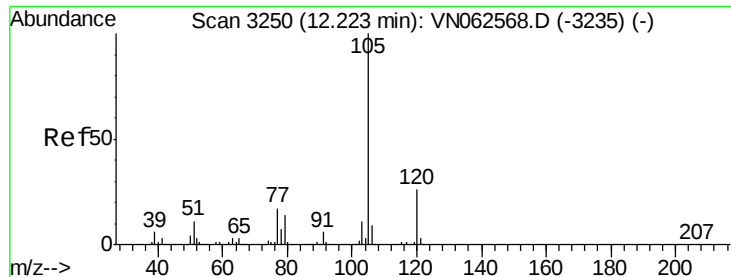
115 64.3 31.8 95.4

150 173.6 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: 49.701 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

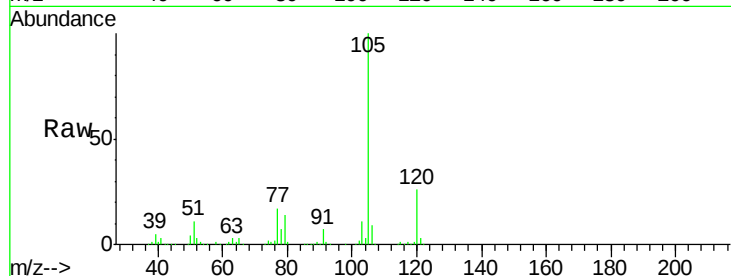
BFB

Tgt Ion:105 Resp: 476760

Ion Ratio Lower Upper

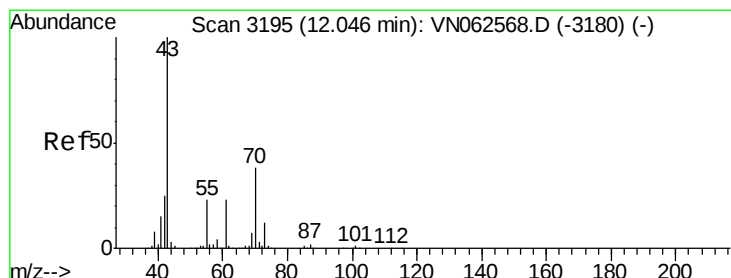
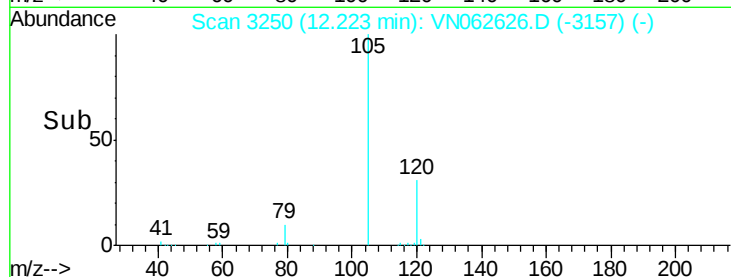
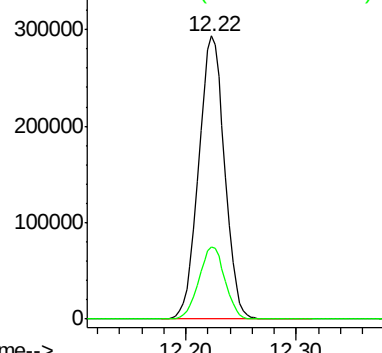
105 100

120 25.7 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.468 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Tgt Ion: 43 Resp: 216201

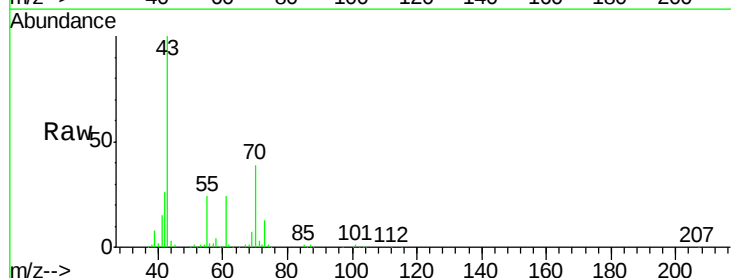
Ion Ratio Lower Upper

43 100

70 39.0 30.5 45.7

55 24.6 19.0 28.6

61 22.9 18.4 27.6

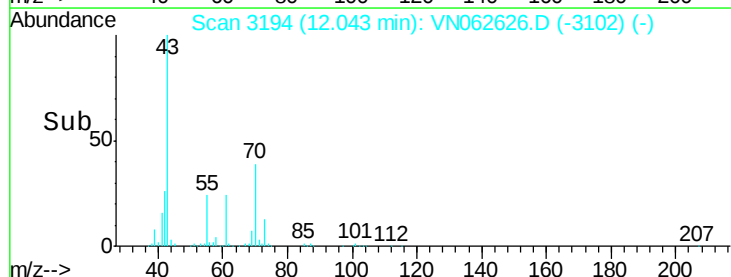
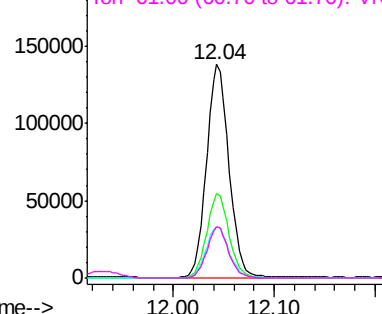


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 44.059 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

BFB

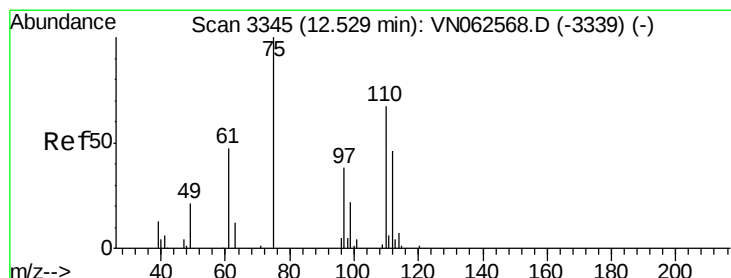
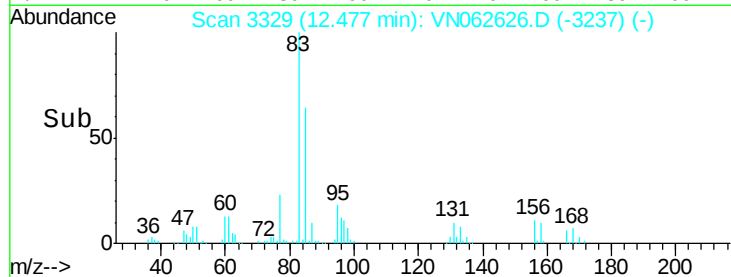
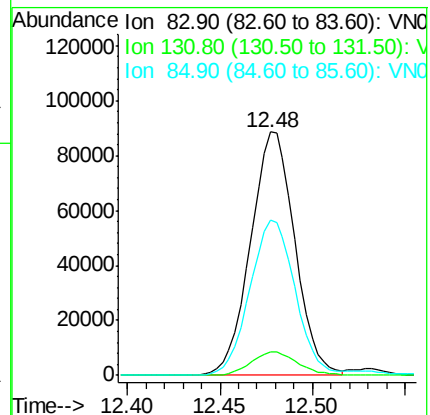
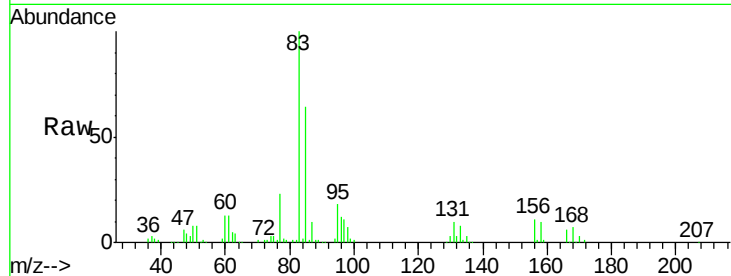
Tgt Ion: 83 Resp: 146868

Ion Ratio Lower Upper

83 100

131 10.1 4.8 14.3

85 65.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 65.260 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN062626.D

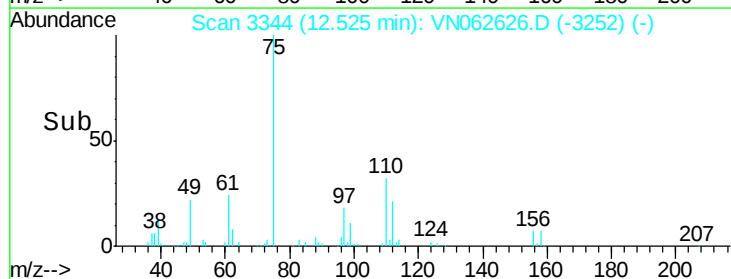
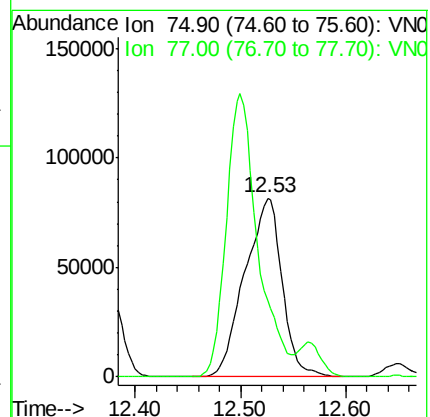
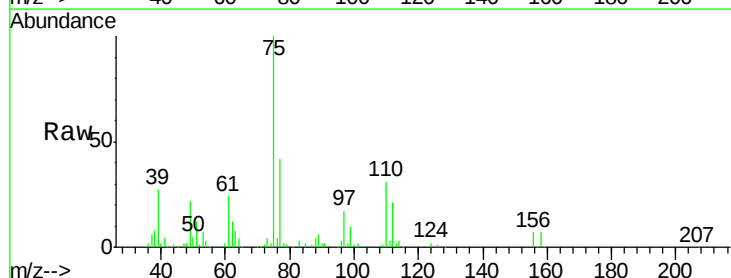
Acq: 28 Jul 2020 10:38

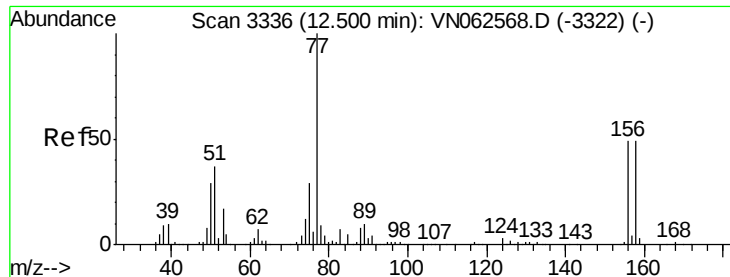
Tgt Ion: 75 Resp: 201517

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.555 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampled :

BFB

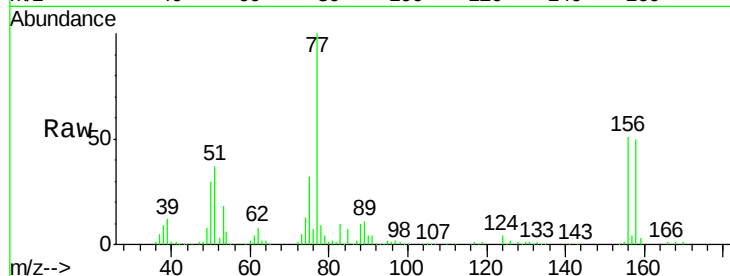
Tgt Ion:156 Resp: 114237

Ion Ratio Lower Upper

156 100

77 233.7 122.8 368.3

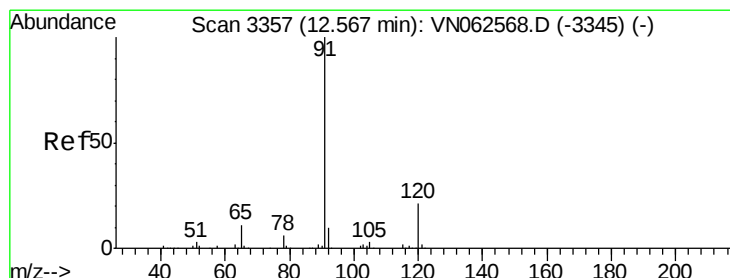
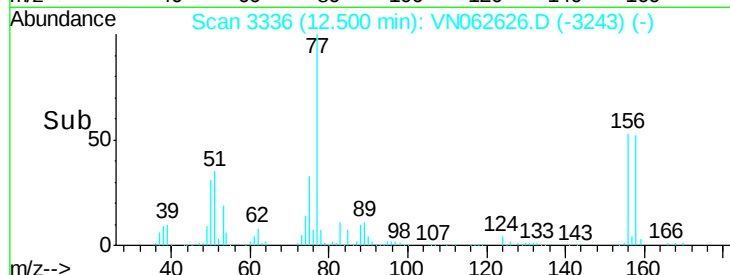
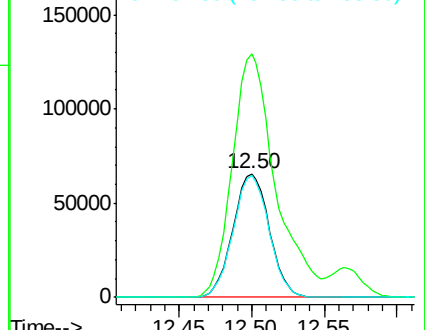
158 97.3 49.4 148.0



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: 48.557 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062626.D

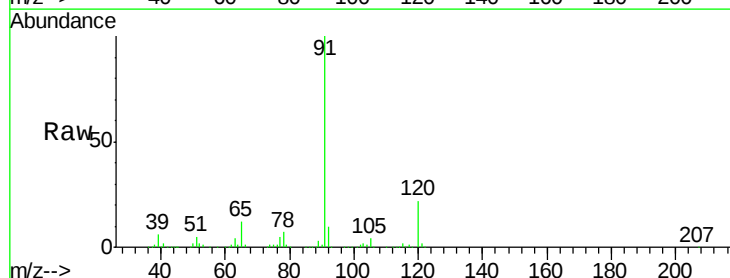
Acq: 28 Jul 2020 10:38

Tgt Ion: 91 Resp: 545609

Ion Ratio Lower Upper

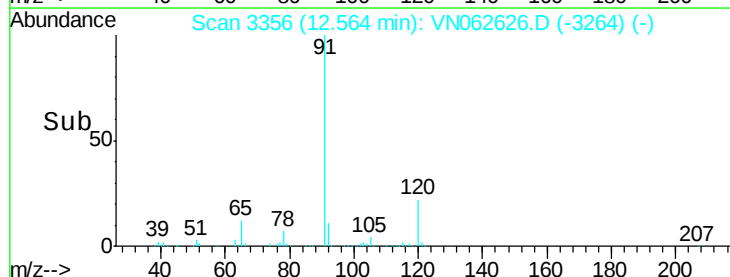
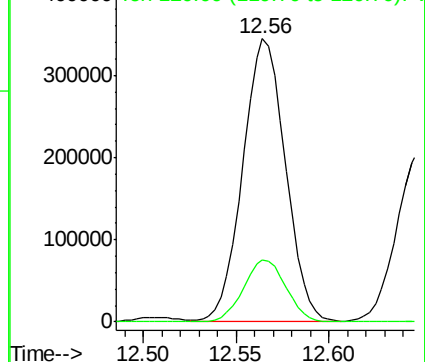
91 100

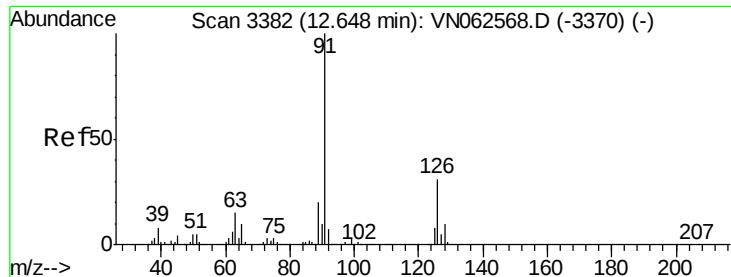
120 22.1 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.361 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampled :

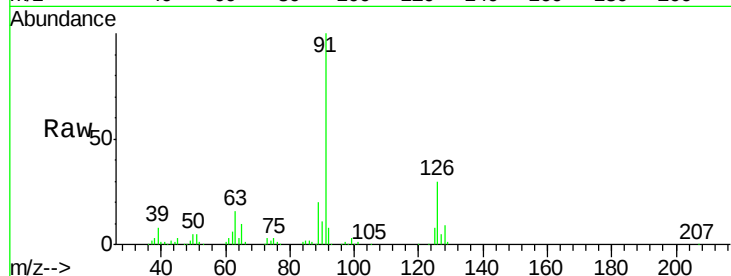
BFB

Tgt Ion: 91 Resp: 341811

Ion Ratio Lower Upper

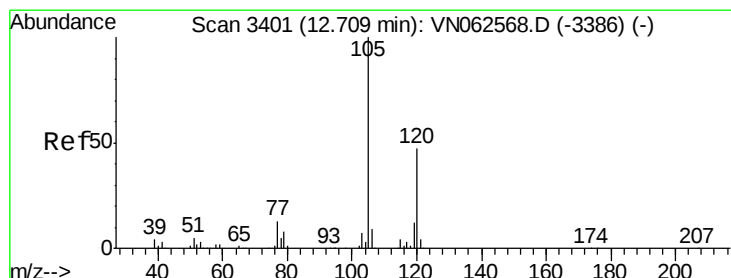
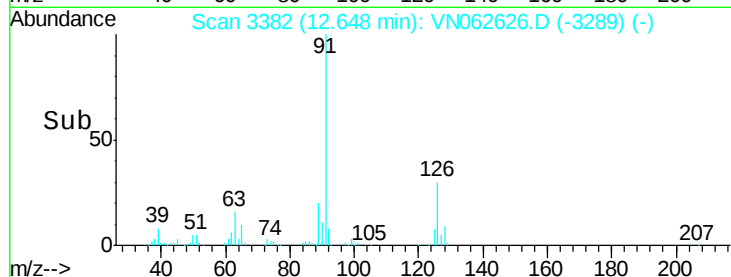
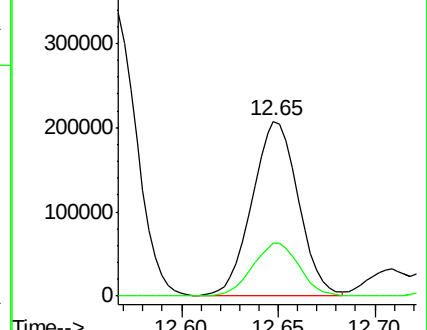
91 100

126 31.2 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN062626.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN062626.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.200 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062626.D

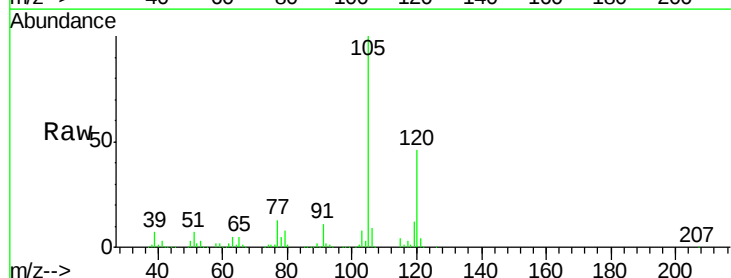
Acq: 28 Jul 2020 10:38

Tgt Ion: 105 Resp: 431267

Ion Ratio Lower Upper

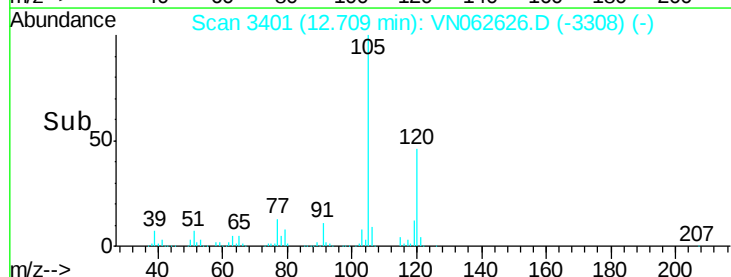
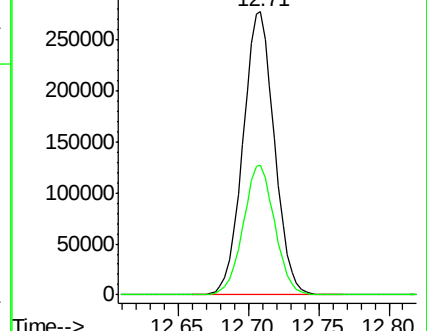
105 100

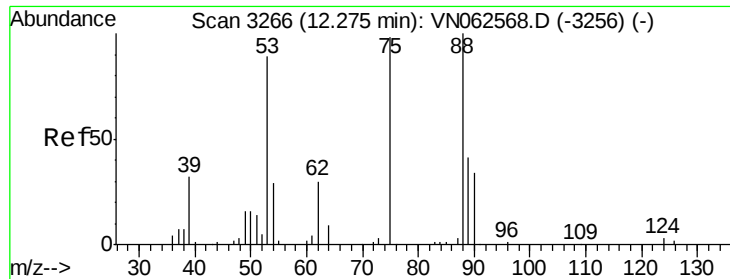
120 46.1 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062626.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062626.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.475 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

BFB

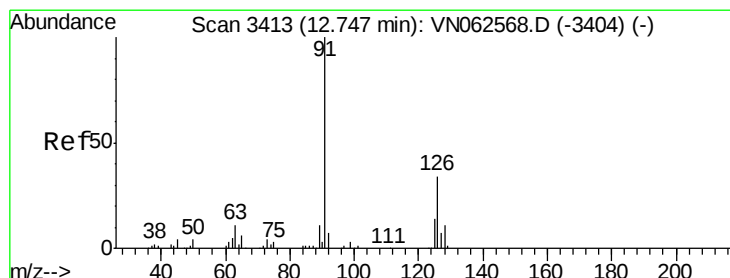
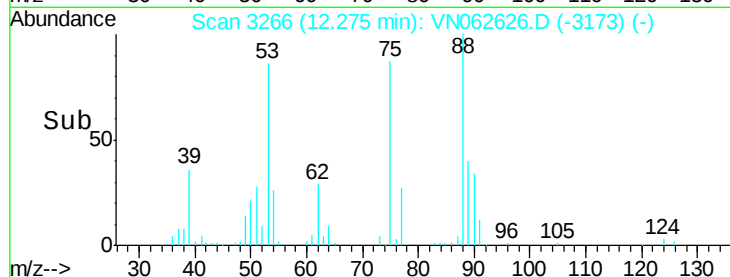
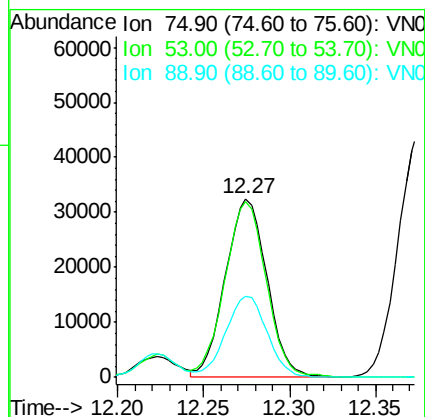
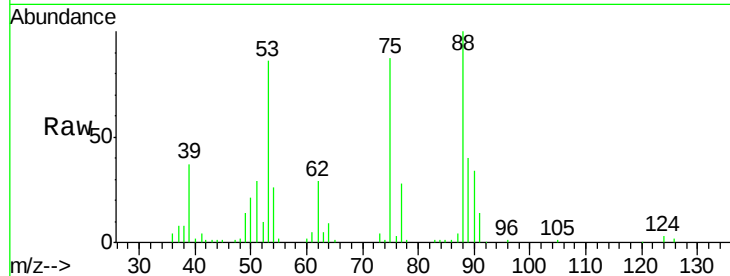
Tgt Ion: 75 Resp: 54881

Ion Ratio Lower Upper

75 100

53 98.3 75.4 113.0

89 45.5 34.5 51.7



#82

4-Chlorotoluene

Concen: 50.514 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062626.D

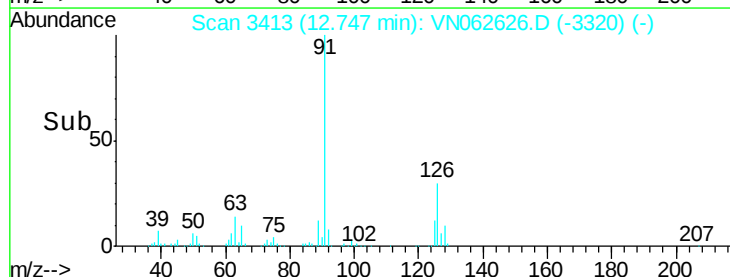
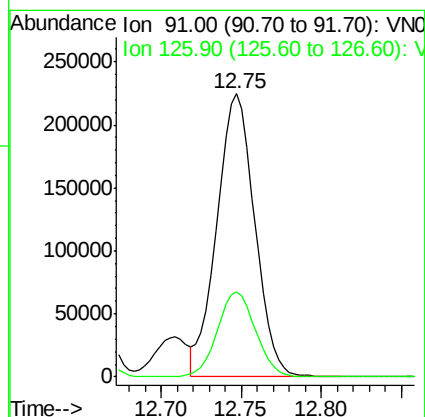
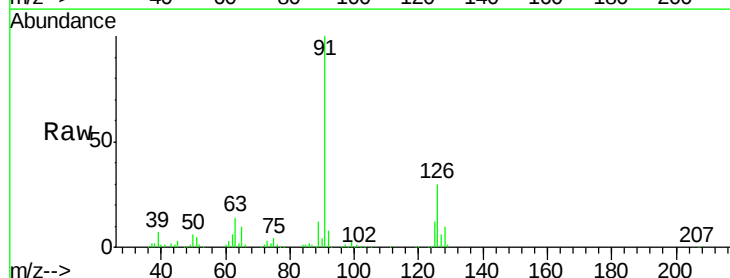
Acq: 28 Jul 2020 10:38

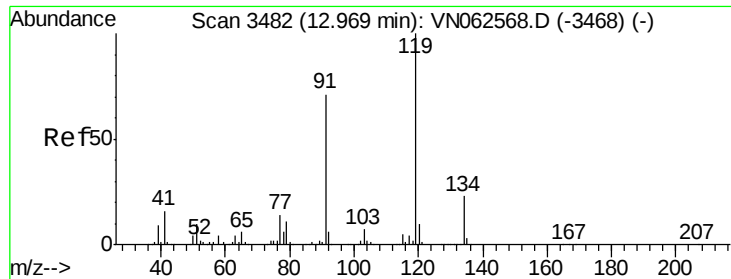
Tgt Ion: 91 Resp: 364097

Ion Ratio Lower Upper

91 100

126 30.5 15.4 46.4

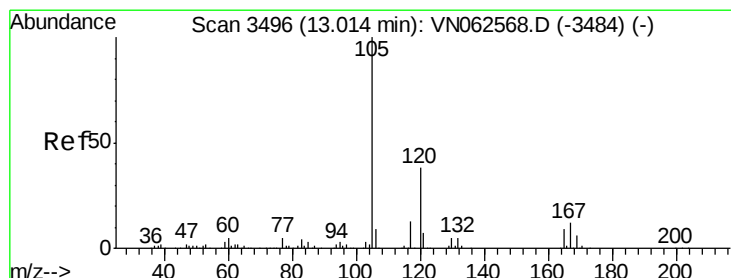
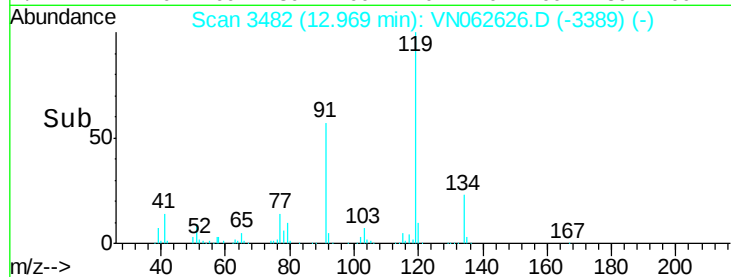
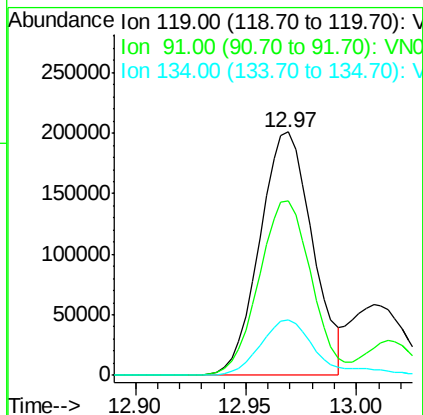
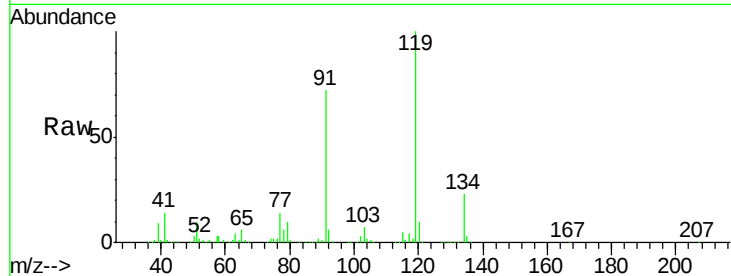




#83
 tert-Butylbenzene
 Concen: 50.402 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

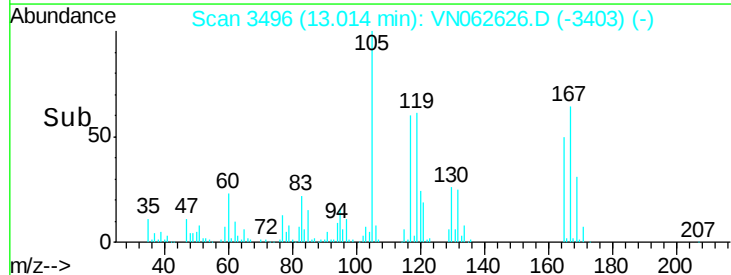
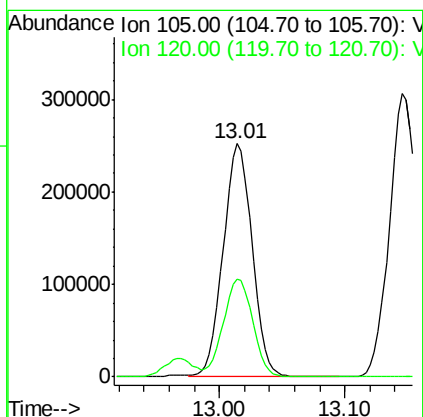
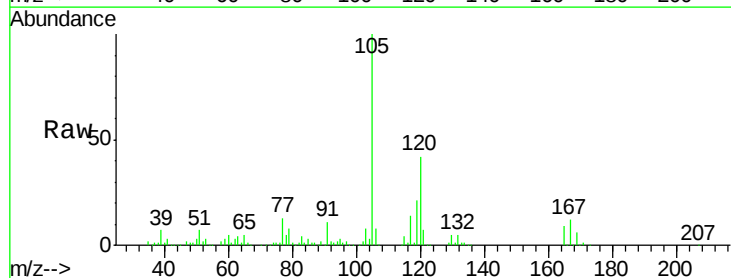
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Tgt Ion:119 Resp: 333019
 Ion Ratio Lower Upper
 119 100
 91 71.2 34.6 103.8
 134 24.5 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.635 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion:105 Resp: 403057
 Ion Ratio Lower Upper
 105 100
 120 42.5 22.1 66.3

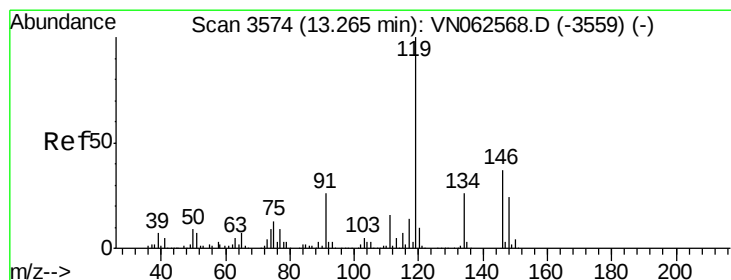
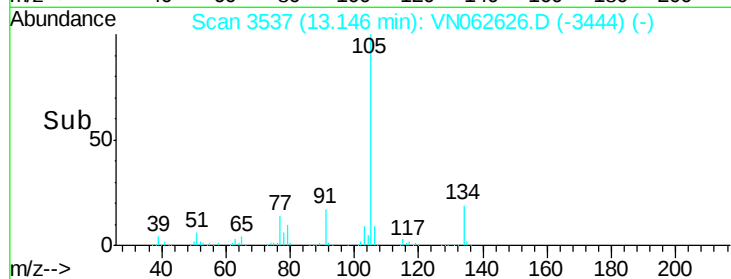
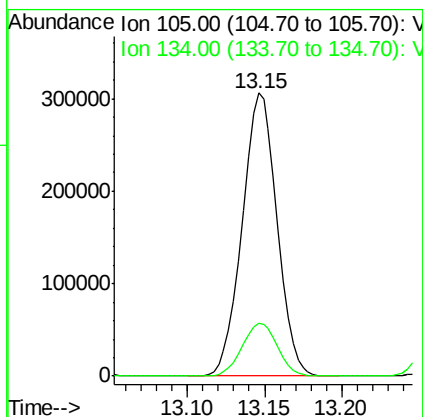
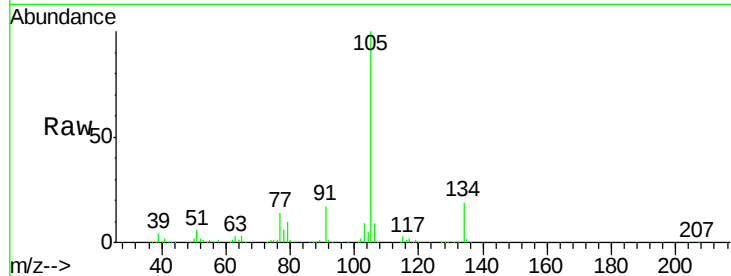




#85
 sec-Butylbenzene
 Concen: 54.025 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

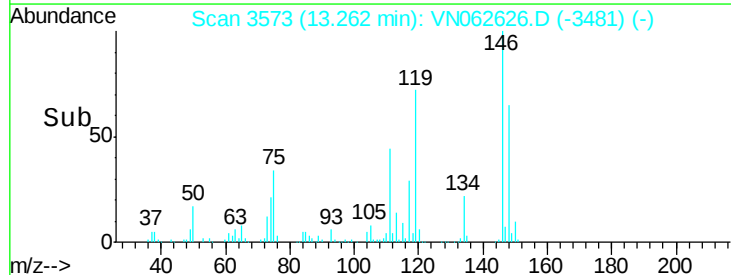
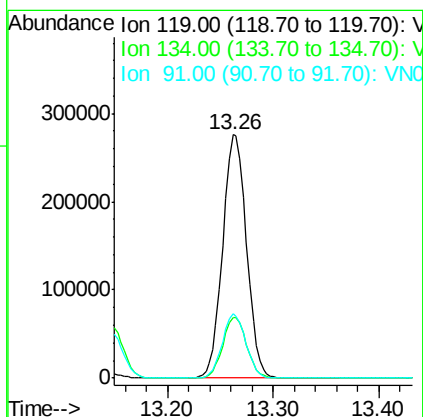
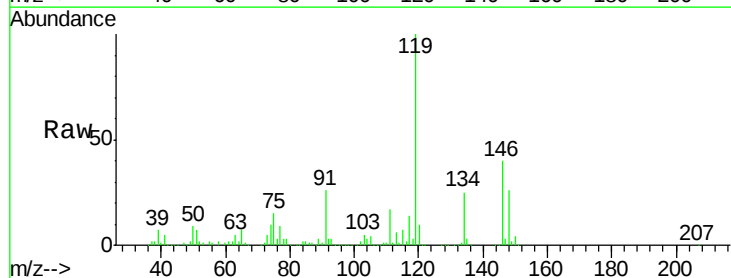
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

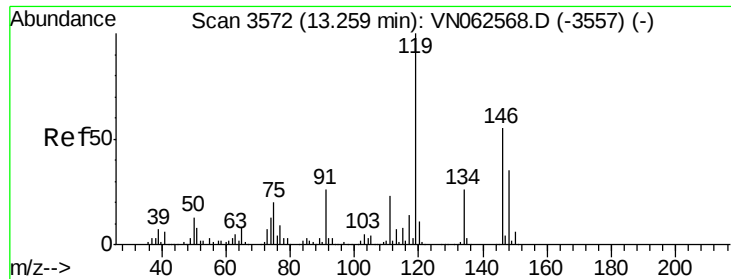
Tgt Ion:105 Resp: 477884
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 56.707 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion:119 Resp: 431425
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.8 38.4
 91 25.9 12.7 38.1

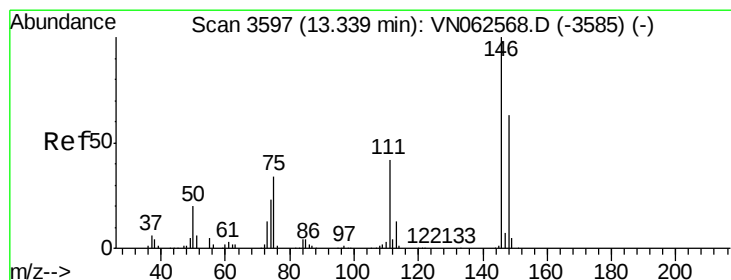
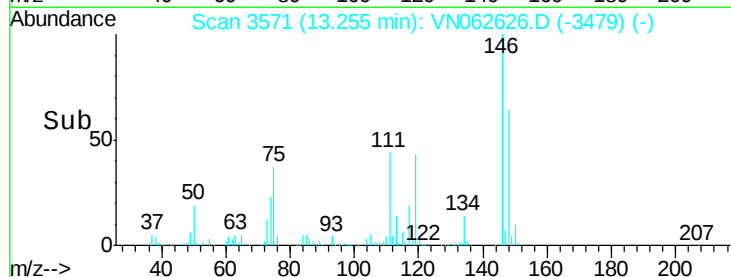
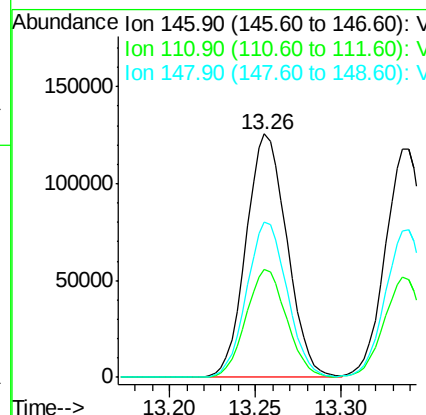
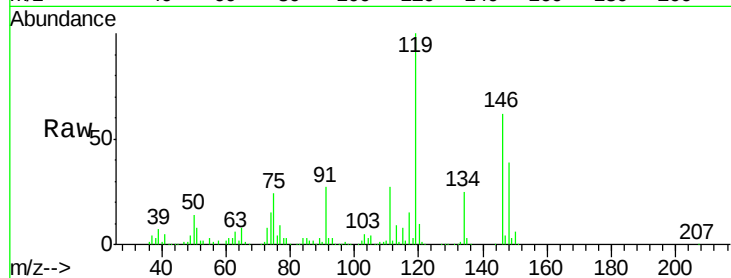




#87
 1,3-Dichlorobenzene
 Concen: 51.320 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

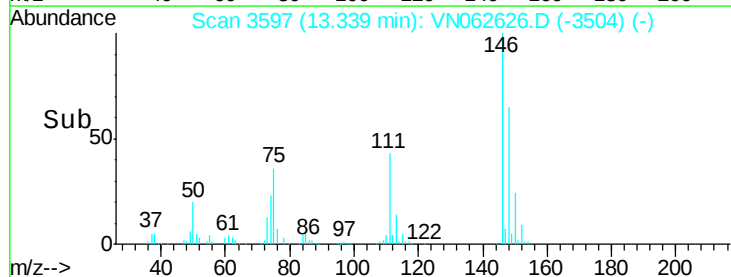
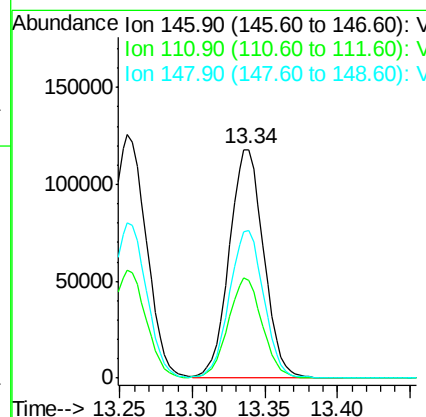
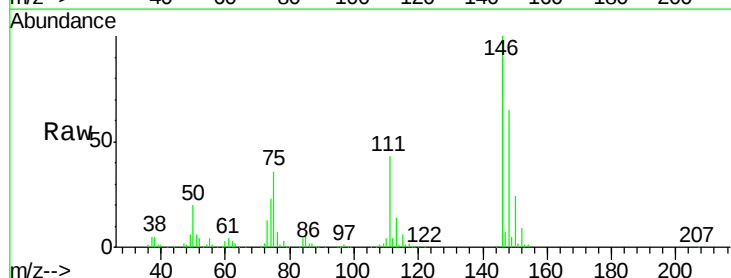
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

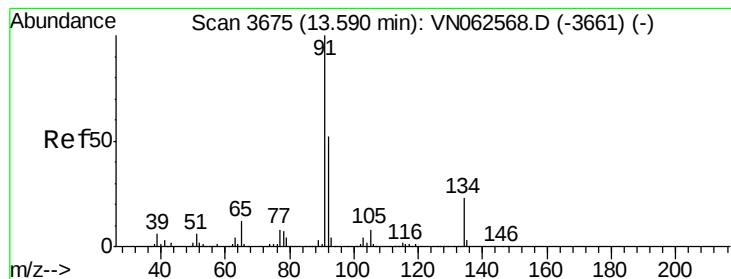
Tgt Ion:146 Resp: 207609
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.6 64.6
 148 63.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.591 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion:146 Resp: 193506
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.1 63.1
 148 65.2 31.6 94.8





#89

n-Butylbenzene

Concen: 59.757 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

BFB

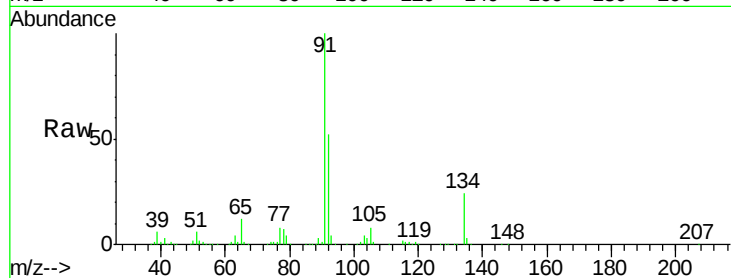
Tgt Ion: 91 Resp: 390631

Ion Ratio Lower Upper

91 100

92 51.7 25.8 77.3

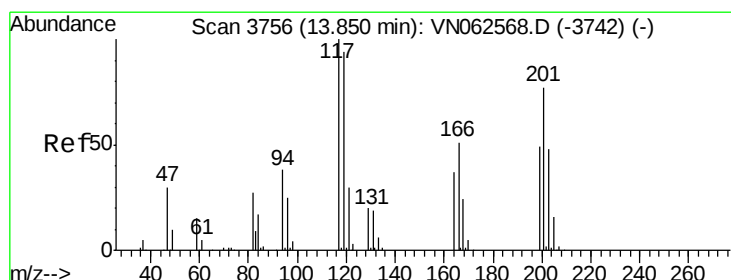
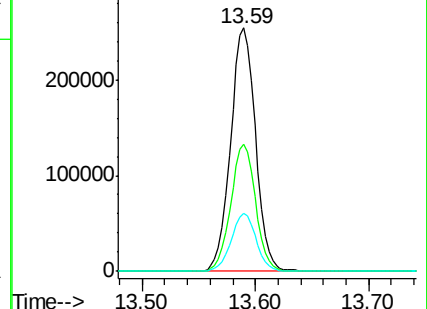
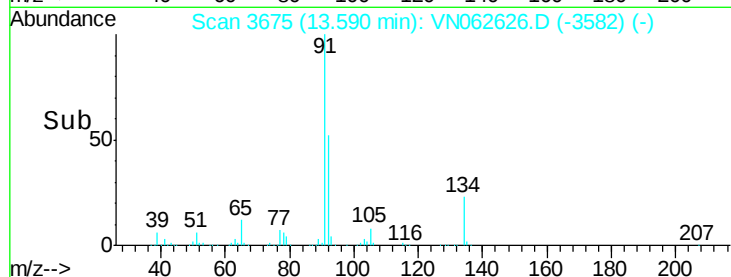
134 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN062626.D (-3663) (-)

Ion 92.00 (91.70 to 92.70): VN062626.D (-3663) (-)

Ion 134.00 (133.70 to 134.70): VN062626.D (-3663) (-)



#90

Hexachloroethane

Concen: 48.527 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062626.D

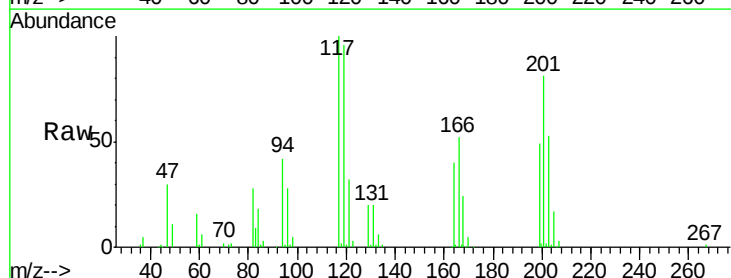
Acq: 28 Jul 2020 10:38

Tgt Ion: 117 Resp: 78593

Ion Ratio Lower Upper

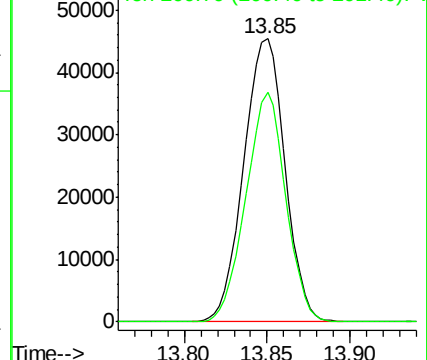
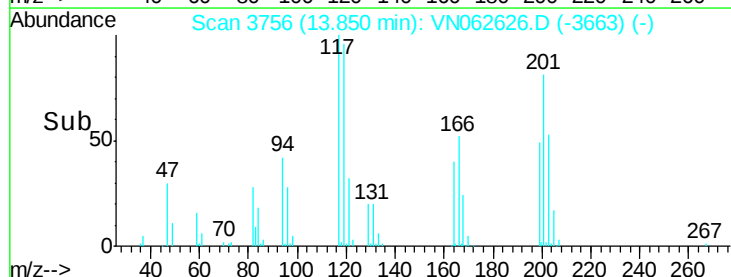
117 100

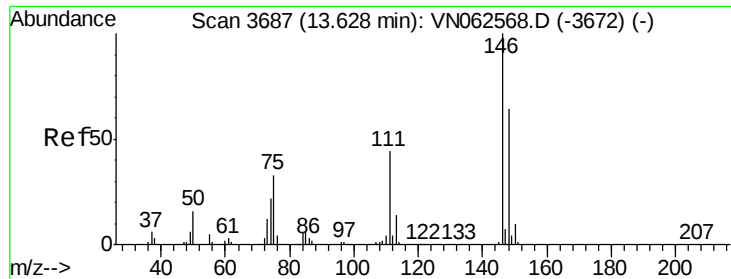
201 78.2 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062626.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062626.D (-3663) (-)

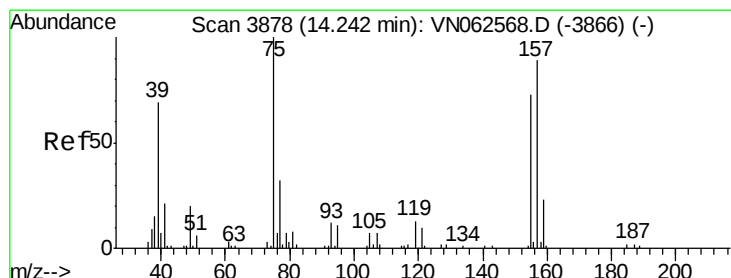
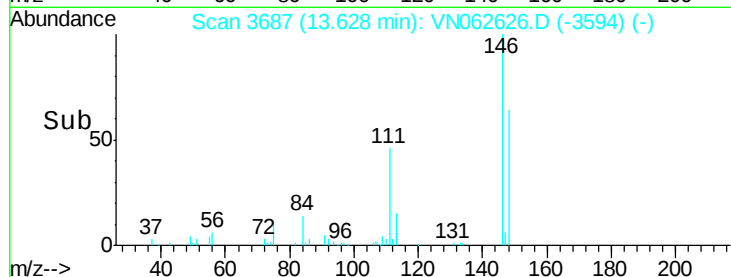
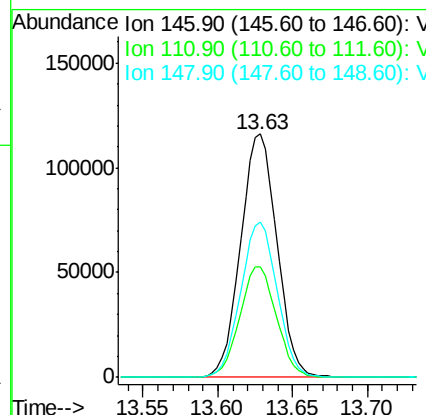
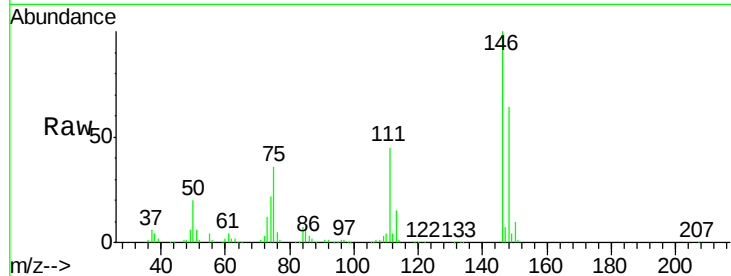




#91
 1,2-Dichlorobenzene
 Concen: 50.768 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

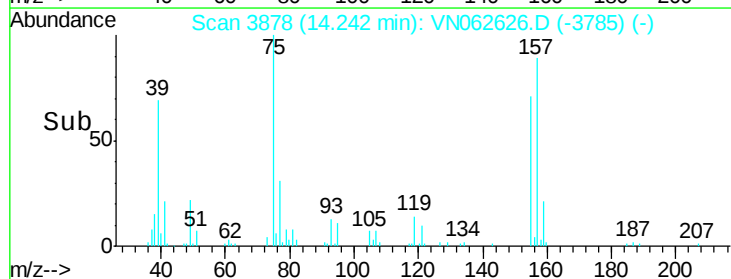
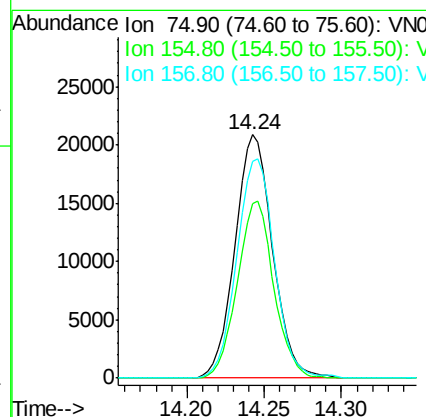
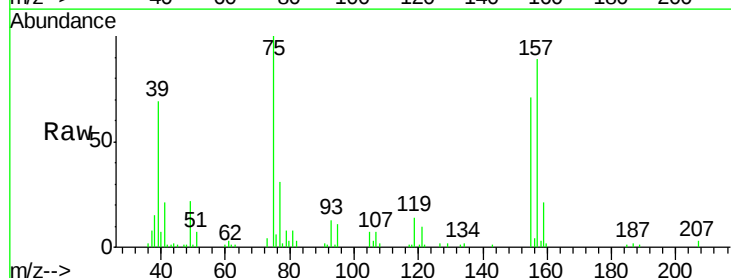
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

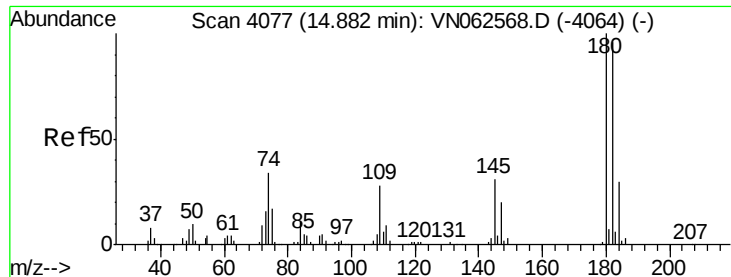
Tgt Ion: 146 Resp: 196382
 Ion Ratio Lower Upper
 146 100
 111 45.9 21.9 65.8
 148 64.1 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.247 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion: 75 Resp: 35252
 Ion Ratio Lower Upper
 75 100
 155 70.0 35.9 107.5
 157 90.3 45.0 135.0

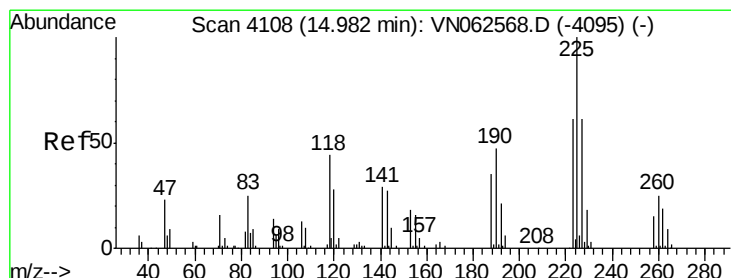
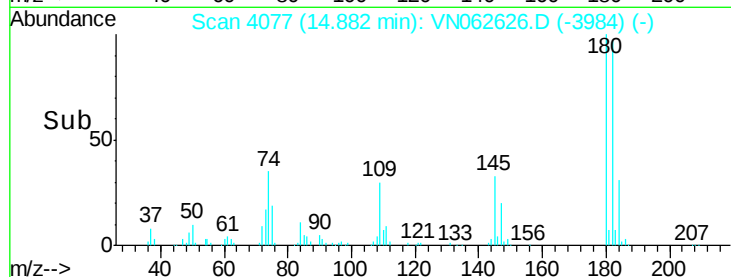
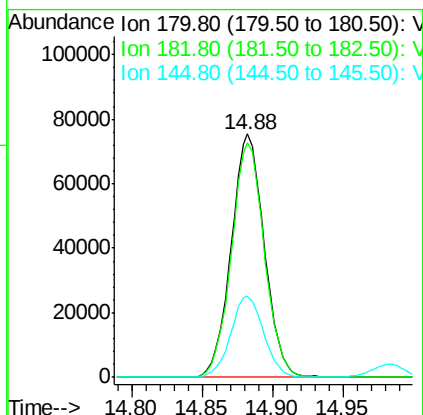
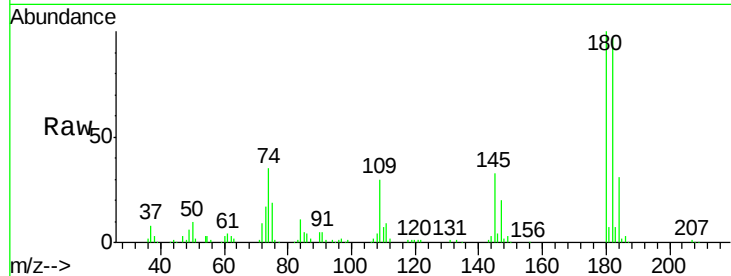




#93
 1,2,4-Trichlorobenzene
 Concen: 60.066 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

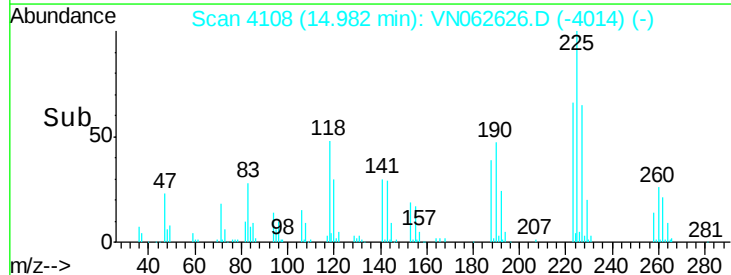
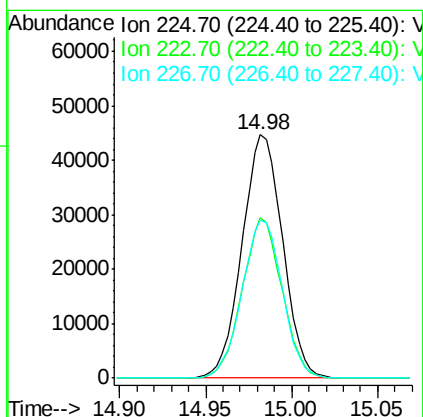
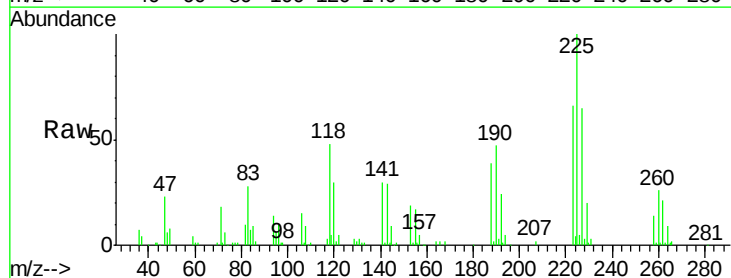
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

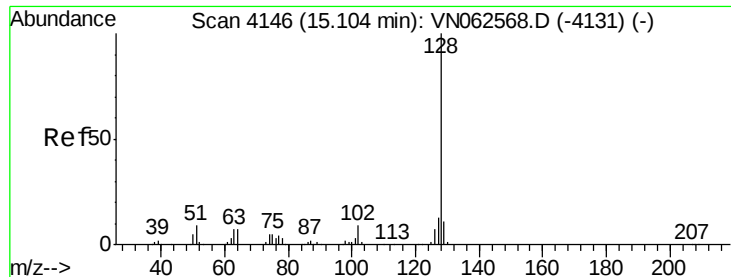
Tgt Ion:180 Resp: 123521
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.8 143.3
 145 33.3 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 70.089 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion:225 Resp: 73162
 Ion Ratio Lower Upper
 225 100
 223 64.4 32.0 96.0
 227 64.7 31.1 93.2

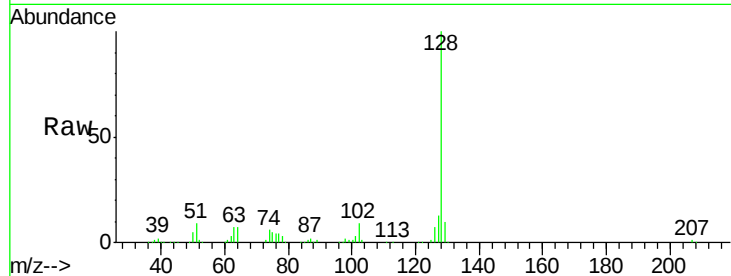




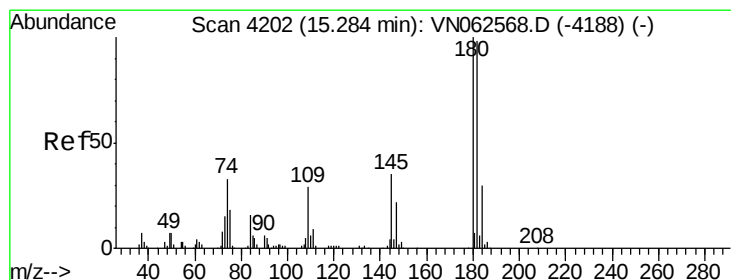
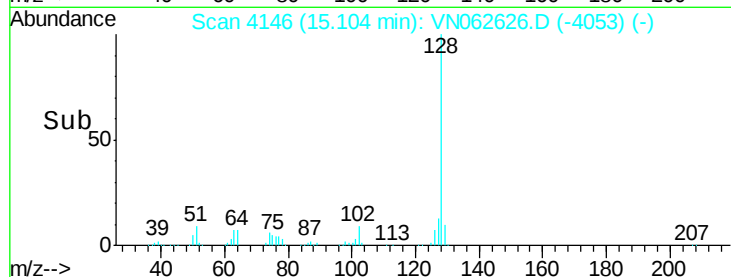
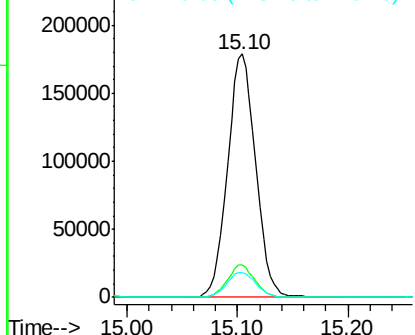
#95
Naphthalene
Concen: 57.781 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tgt Ion:128 Resp: 315146
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.7 13.1

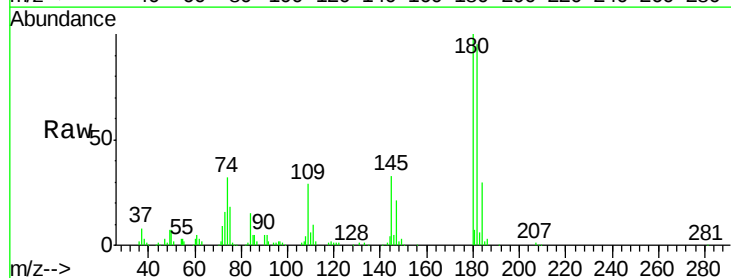


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 67.147 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion:180 Resp: 122405
Ion Ratio Lower Upper
180 100
182 95.3 48.1 144.3
145 33.4 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

