

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064050.D
 Acq On : 9 Oct 2020 20:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Oct 10 02:23:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	238152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	389327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	369265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174137	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	188994	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
35) Dibromofluoromethane	7.55	113	134503	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	10.06	98	507400	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.38	95	189427	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	112421	44.737	ug/l	99
3) Chloromethane	2.04	50	137284	46.560	ug/l	99
4) Vinyl Chloride	2.16	62	138050	46.643	ug/l	99
5) Bromomethane	2.52	94	79921	42.930	ug/l	98
6) Chloroethane	2.67	64	90631	51.245	ug/l	97
7) Trichlorofluoromethane	2.98	101	226019	48.150	ug/l	99
8) Diethyl Ether	3.38	74	80212	50.526	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	123444	49.202	ug/l	99
10) Methyl Iodide	3.91	142	148996	51.146	ug/l	97
11) Tert butyl alcohol	4.73	59	125132	288.074	ug/l	99
12) 1,1-Dichloroethene	3.70	96	118541	49.430	ug/l	99
13) Acrolein	3.57	56	99660	373.826	ug/l	99
14) Allyl chloride	4.28	41	246428	55.312	ug/l	90
15) Acrylonitrile	4.93	53	379467	305.192	ug/l	99
16) Acetone	3.77	43	343984	284.015	ug/l	99
17) Carbon Disulfide	4.01	76	308571	47.640	ug/l	98
18) Methyl Acetate	4.28	43	199277	63.371	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	462420	53.074	ug/l	99
20) Methylene Chloride	4.51	84	149010	53.707	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	131583	48.986	ug/l	98
22) Diisopropyl ether	5.90	45	544206	59.369	ug/l	98
23) Vinyl Acetate	5.84	43	2207234	290.688	ug/l	99
24) 1,1-Dichloroethane	5.80	63	279421	53.313	ug/l	98
25) 2-Butanone	6.78	43	530773	309.109	ug/l	97
26) 2,2-Dichloropropane	6.78	77	219209	45.671	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	155735	50.411	ug/l	98
28) Bromochloromethane	7.15	49	142048	54.836	ug/l	95
29) Tetrahydrofuran	7.17	42	366935	318.616	ug/l	94
30) Chloroform	7.33	83	288165	52.731	ug/l	95
31) Cyclohexane	7.61	56	223715	48.978	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	254527	51.637	ug/l	98
36) 1,1-Dichloropropene	7.76	75	200084	50.728	ug/l	99
37) Ethyl Acetate	6.88	43	224800	57.366	ug/l	98
38) Carbon Tetrachloride	7.74	117	220441	49.841	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	186043	47.299	ug/l	99
40) Benzene	8.00	78	592572	52.599	ug/l	99
41) Methacrylonitrile	7.16	41	342364	196.578	ug/l #	23
42) 1,2-Dichloroethane	8.09	62	240851	50.084	ug/l	100
43) Isopropyl Acetate	8.13	43	374642	57.961	ug/l	99
44) Trichloroethene	8.80	130	144968	49.112	ug/l	97
45) 1,2-Dichloropropane	9.08	63	170460	56.026	ug/l	99
46) Dibromomethane	9.18	93	106370	50.679	ug/l	99
47) Bromodichloromethane	9.37	83	232245	53.690	ug/l	99
48) Methyl methacrylate	9.17	41	190783	59.742	ug/l	91
49) 1,4-Dioxane	9.16	88	48724	1073.541	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1193736	314.705	ug/l	99
52) Toluene	10.13	92	368660	52.905	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	245141	52.868	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	257967	53.196	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	153593	54.962	ug/l	97
56) Ethyl methacrylate	10.40	69	228381	57.656	ug/l	95
57) 1,3-Dichloropropane	10.68	76	260941	55.192	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	614263	289.904	ug/l	98
59) 2-Hexanone	10.72	43	869048	308.412	ug/l	100
60) Dibromochloromethane	10.87	129	171611	52.731	ug/l	100
61) 1,2-Dibromoethane	10.98	107	157654	55.151	ug/l	99
64) Tetrachloroethene	10.60	164	132915	46.524	ug/l	98
65) Chlorobenzene	11.41	112	384807	50.801	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	156730	53.971	ug/l	100
67) Ethyl Benzene	11.49	91	725386	52.628	ug/l	99
68) m/p-Xylenes	11.59	106	529526	103.080	ug/l	97
69) o-Xylene	11.92	106	247721	51.593	ug/l	97
70) Styrene	11.94	104	441741	54.200	ug/l	100
71) Bromoform	12.10	173	118309	53.269	ug/l #	98
73) Isopropylbenzene	12.23	105	682736	53.753	ug/l	100
74) N-amyl acetate	12.05	43	324698	54.780	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	220082	56.664	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	300810	78.363	ug/l #	100
77) Bromobenzene	12.50	156	165446	53.085	ug/l	96
78) n-propylbenzene	12.57	91	789634	53.419	ug/l	100
79) 2-Chlorotoluene	12.65	91	487876	53.665	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	577555	54.201	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	71706	53.801	ug/l	97
82) 4-Chlorotoluene	12.75	91	516841	54.764	ug/l	100
83) tert-Butylbenzene	12.97	119	459552	52.724	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	590016	55.459	ug/l	97
85) sec-Butylbenzene	13.15	105	613993	53.632	ug/l	100
86) p-Isopropyltoluene	13.26	119	542115	53.528	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	296588	52.602	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	296380	50.484	ug/l	100
89) n-Butylbenzene	13.59	91	464394	49.681	ug/l	100
90) Hexachloroethane	13.85	117	104408	53.201	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	299784	53.680	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	48979	53.772	ug/l	97

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QLast Update : Thu Oct 01 01:46:38 2020
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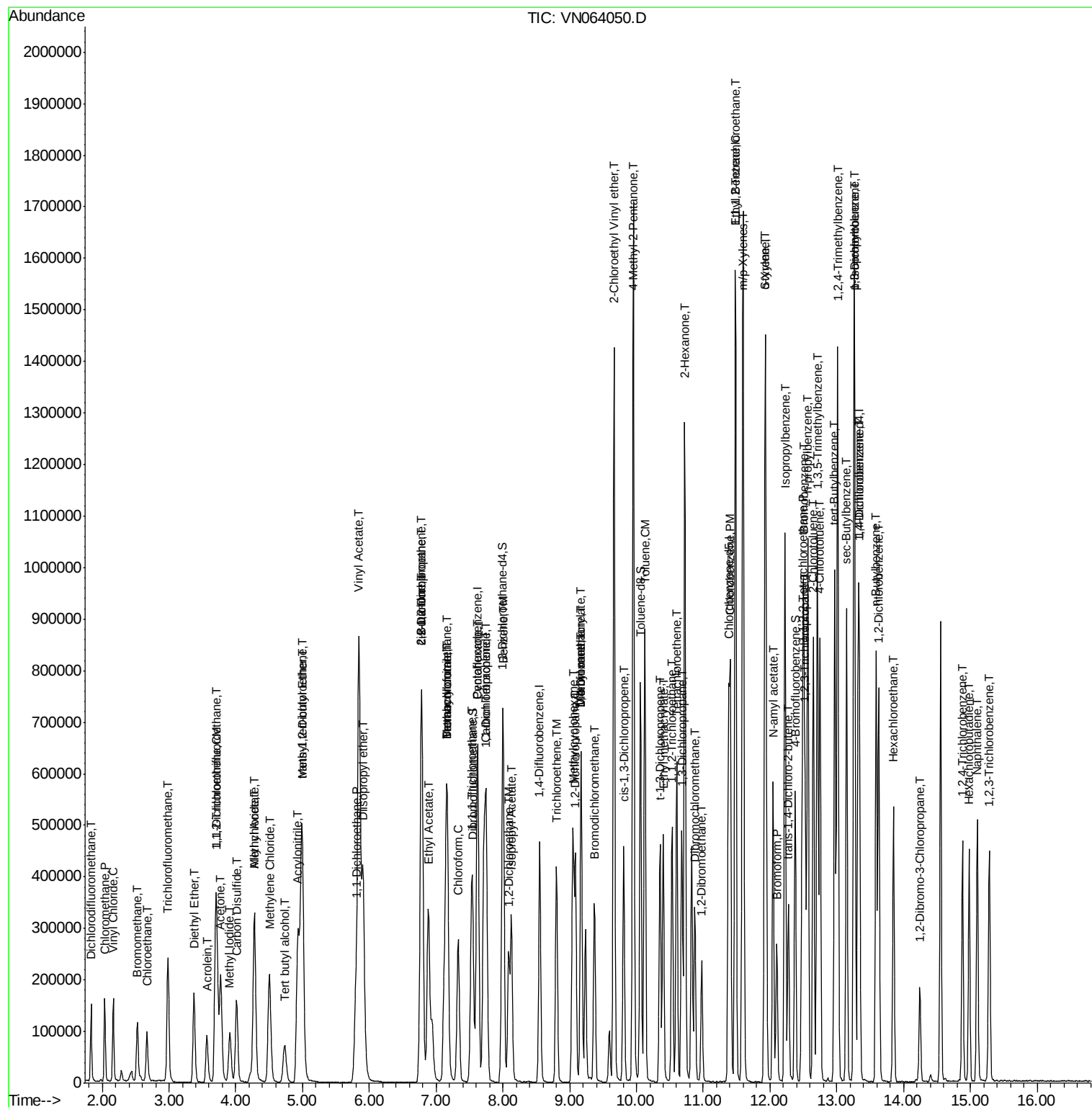
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	137428	45.420	ug/l	99
94) Hexachlorobutadiene	14.98	225	80450	53.126	ug/l	99
95) Naphthalene	15.11	128	418883	44.789	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	143606	48.796	ug/l	98

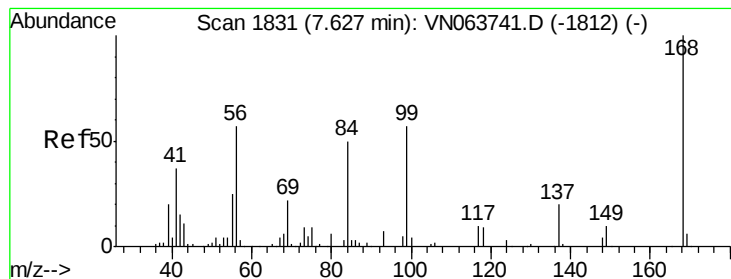
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

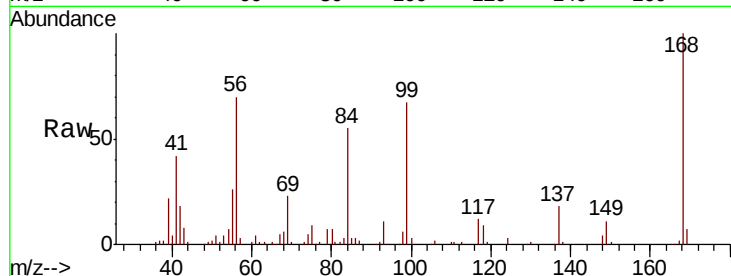
Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion:168 Resp: 238152

Ion Ratio Lower Upper

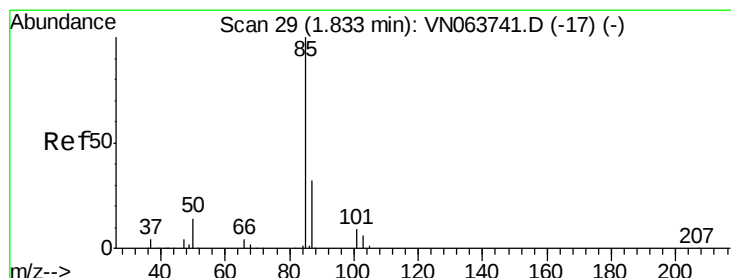
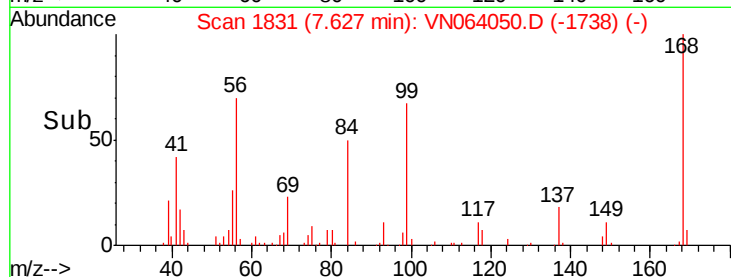
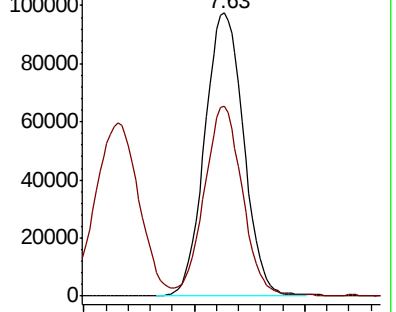
168 100

99 66.8 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.737 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064050.D

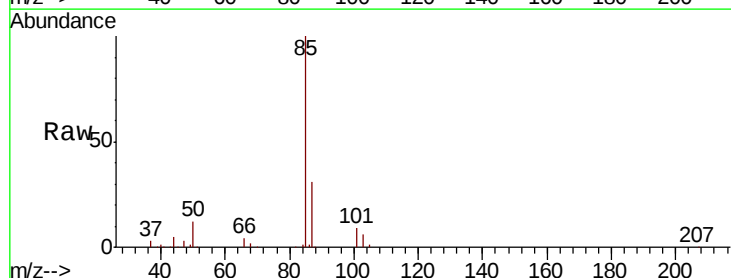
Acq: 9 Oct 2020 20:49

Tgt Ion: 85 Resp: 112421

Ion Ratio Lower Upper

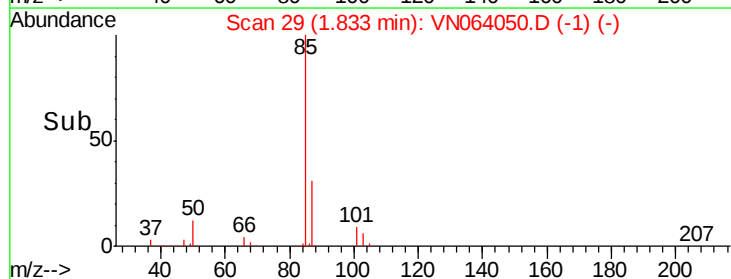
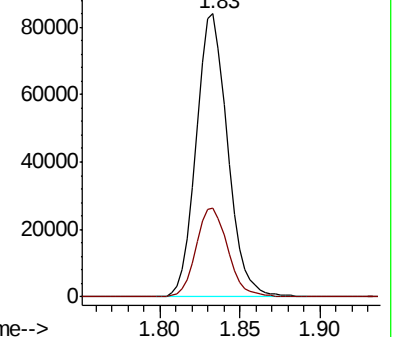
85 100

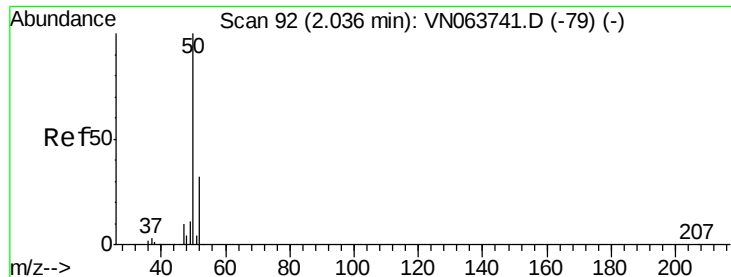
87 31.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 46.560 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampled :

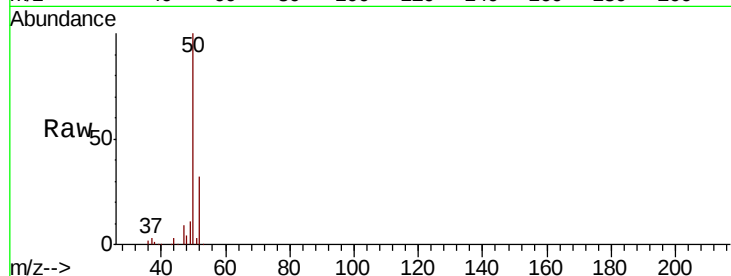
BFB

Tot Ion: 50 Resp: 137284

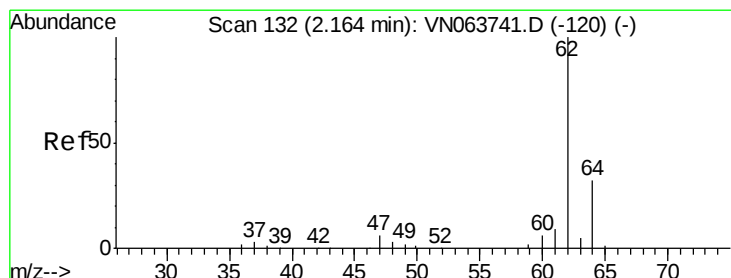
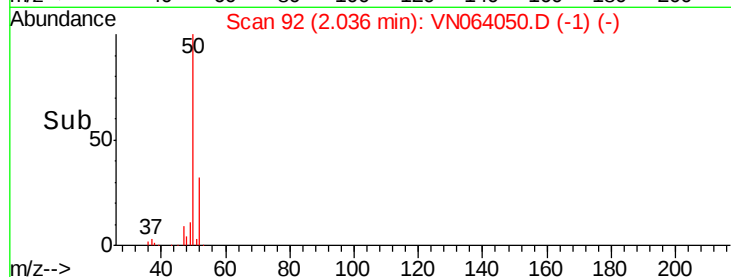
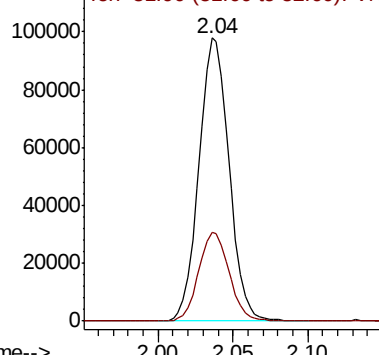
Ion Ratio Lower Upper

50 100

52 31.6 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 46.643 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064050.D

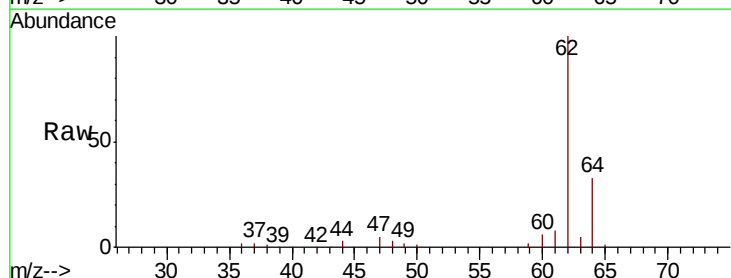
Acq: 9 Oct 2020 20:49

Tgt Ion: 62 Resp: 138050

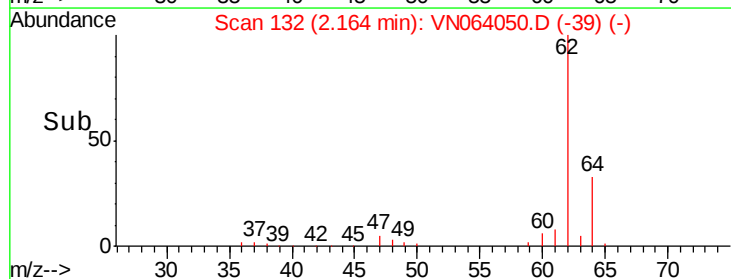
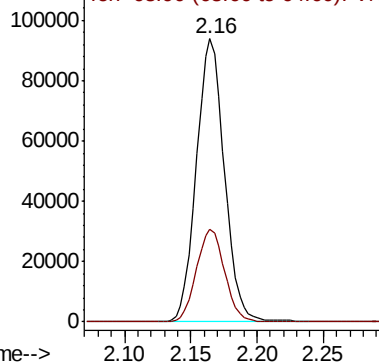
Ion Ratio Lower Upper

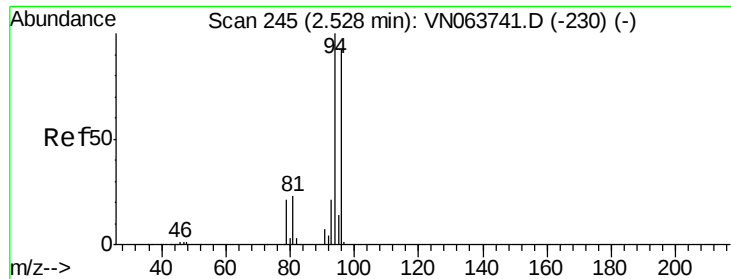
62 100

64 32.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 42.930 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampled :

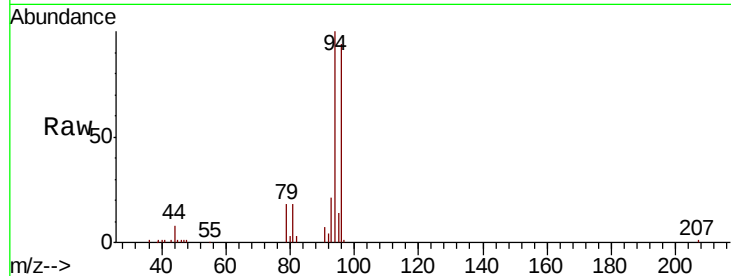
BFB

Tot Ion: 94 Resp: 79921

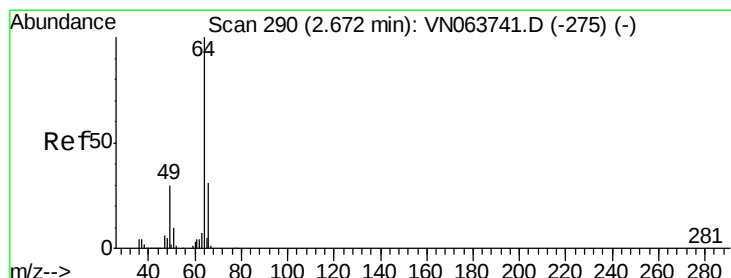
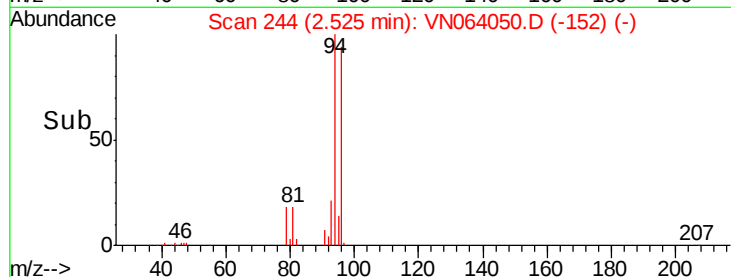
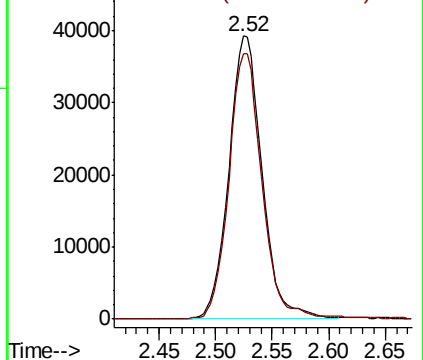
Ion Ratio Lower Upper

94 100

96 93.7 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 51.245 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064050.D

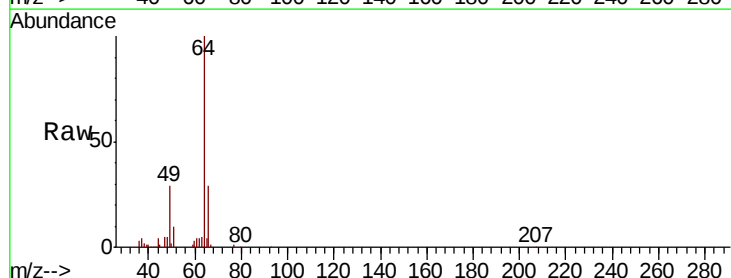
Acq: 9 Oct 2020 20:49

Tgt Ion: 64 Resp: 90631

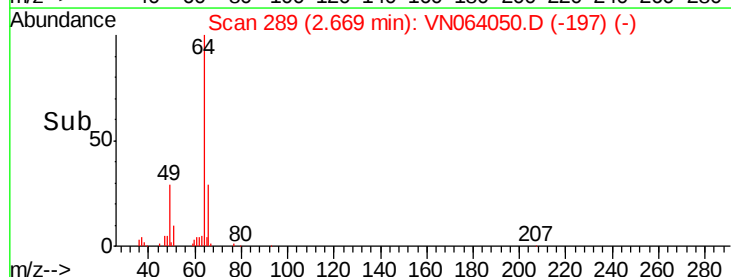
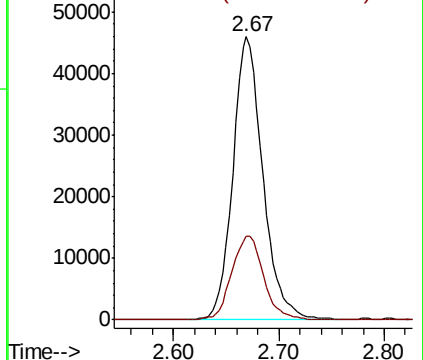
Ion Ratio Lower Upper

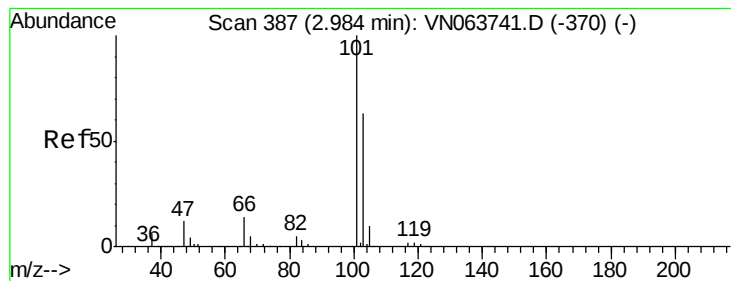
64 100

66 29.5 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



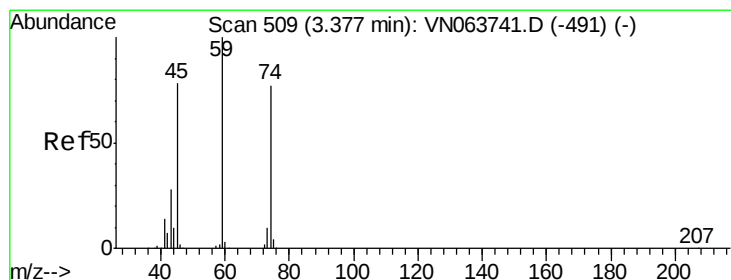
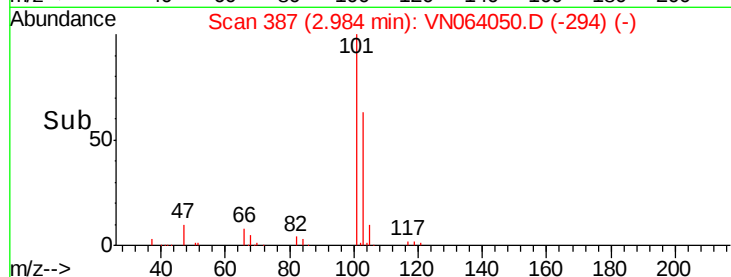
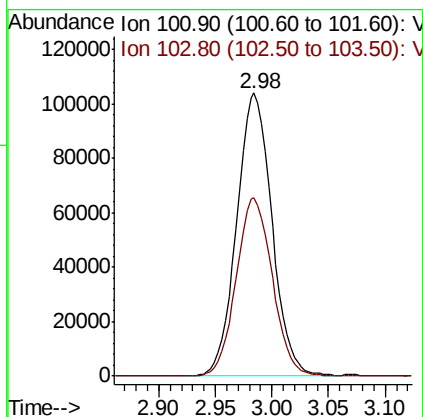
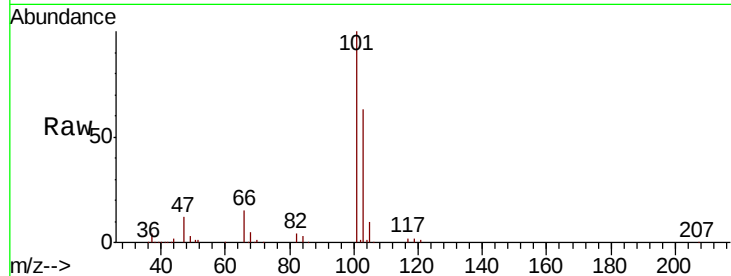


#7

Trichlorofluoromethane
 Concen: 48.150 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

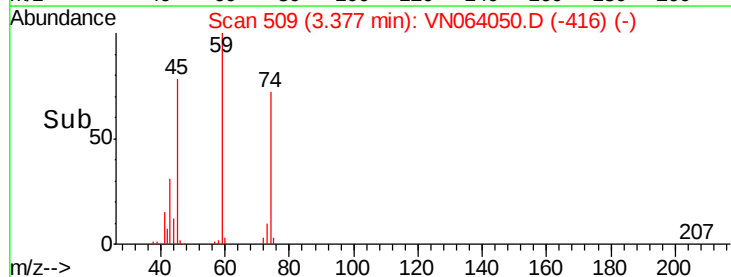
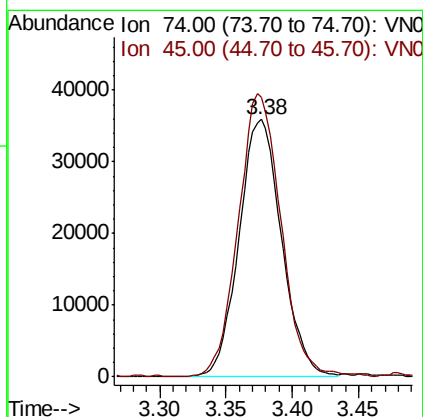
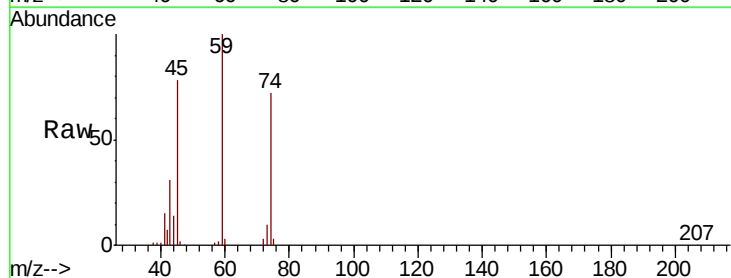
Tot Ion:101 Resp: 226019
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.7 76.1



#8

Diethyl Ether
 Concen: 50.526 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion: 74 Resp: 80212
 Ion Ratio Lower Upper
 74 100
 45 110.9 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.202 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

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ClientSampled :

BFB

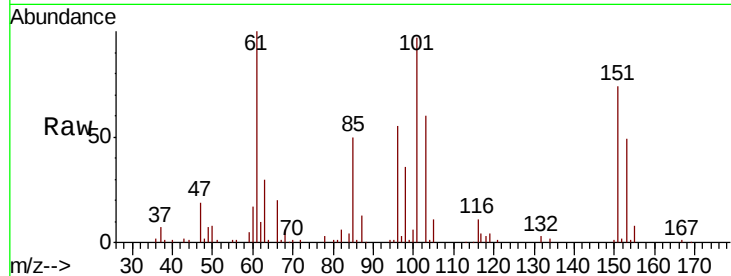
Tot Ion:101 Resp: 123444

Ion Ratio Lower Upper

101 100

85 48.4 38.6 58.0

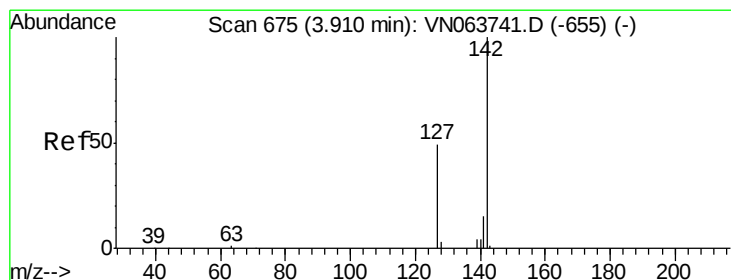
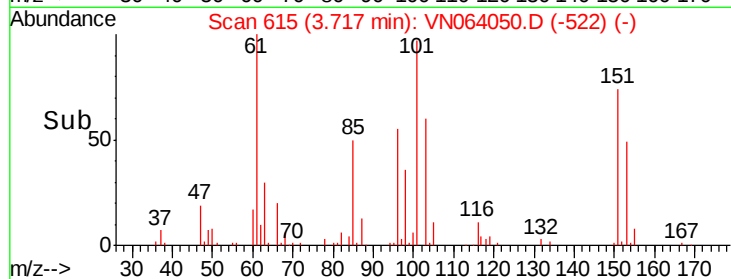
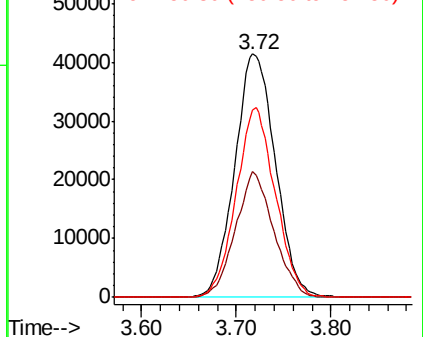
151 75.2 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.146 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

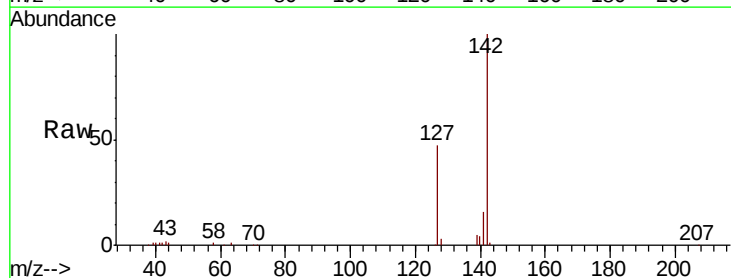
Tgt Ion:142 Resp: 148996

Ion Ratio Lower Upper

142 100

127 48.5 40.5 60.7

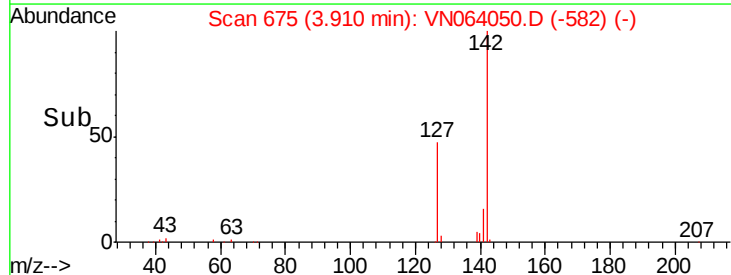
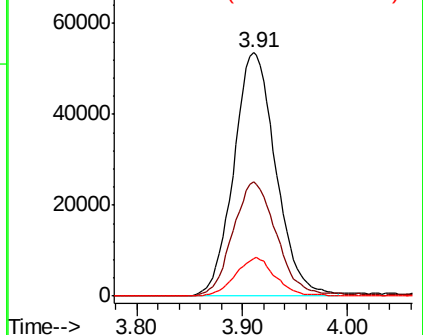
141 15.0 11.7 17.5

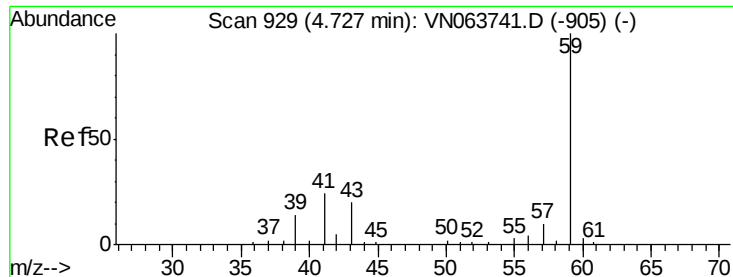


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

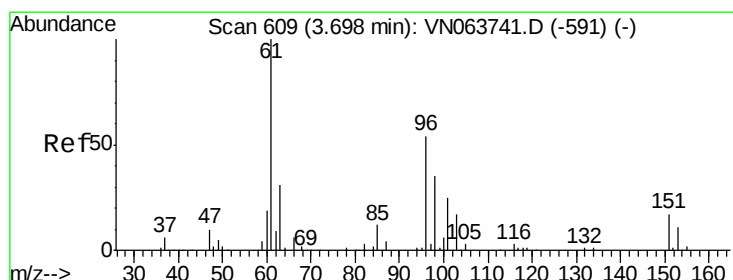
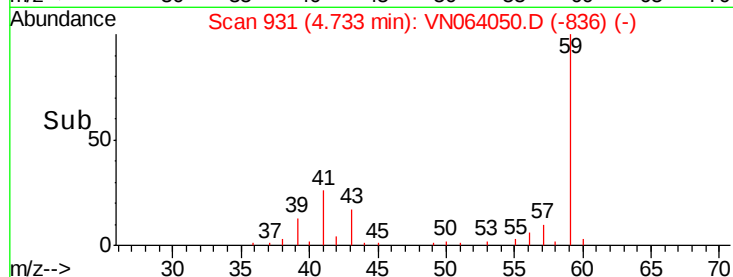
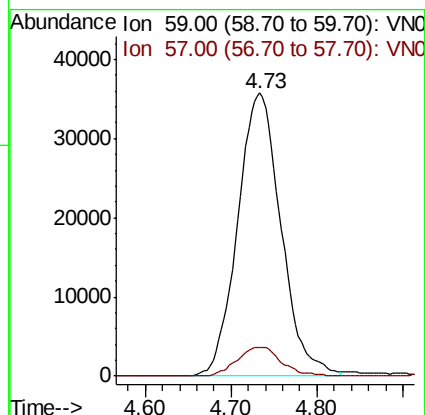
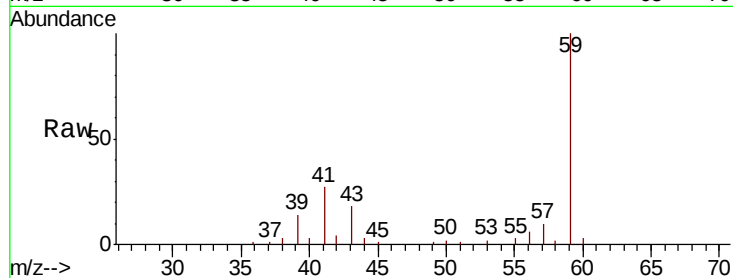




#11
Tert butyl alcohol
Concen: 288.074 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.01 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

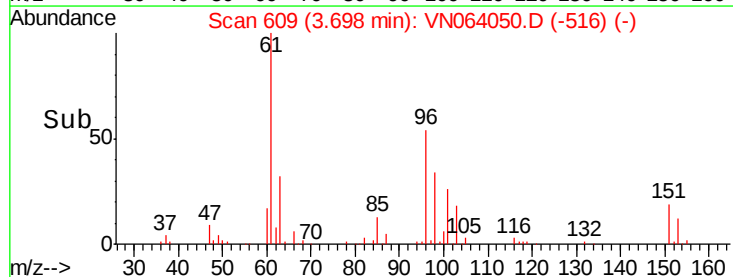
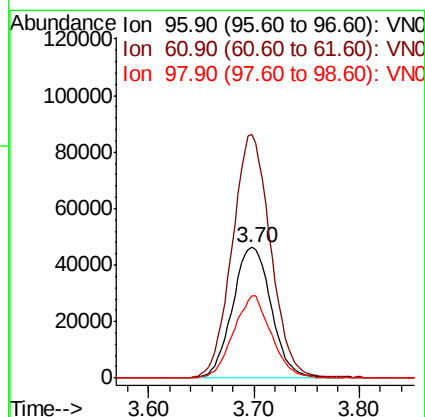
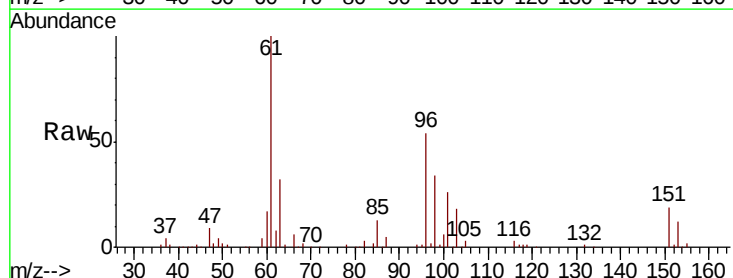
Instrument :
MSVOA_N
ClientSampleId :
BFB

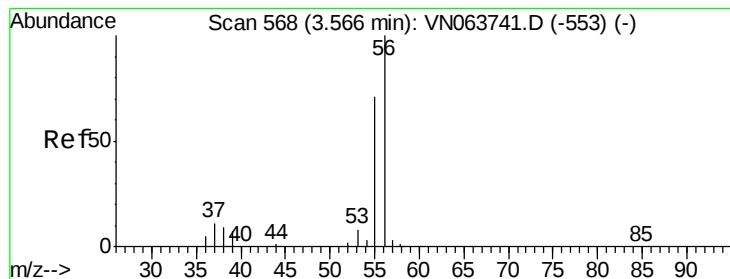
Tot Ion: 59 Resp: 125132
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1



#12
1,1-Dichloroethene
Concen: 49.430 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion: 96 Resp: 118541
Ion Ratio Lower Upper
96 100
61 186.2 147.7 221.5
98 63.3 51.9 77.9





#13

Acrolein

Concen: 373.826 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

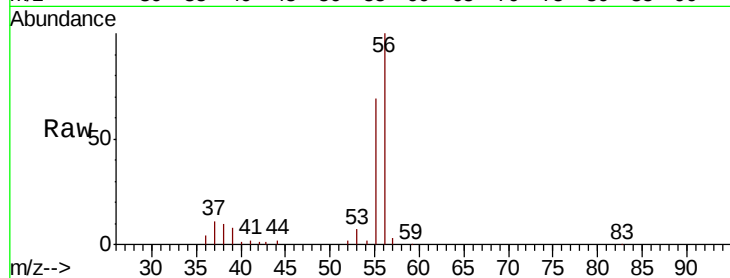
BFB

Tot Ion: 56 Resp: 99660

Ion Ratio Lower Upper

56 100

55 72.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN063741.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN063741.D (-553) (-)

3.57

40000

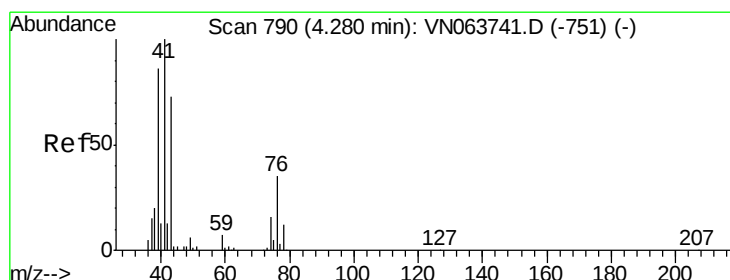
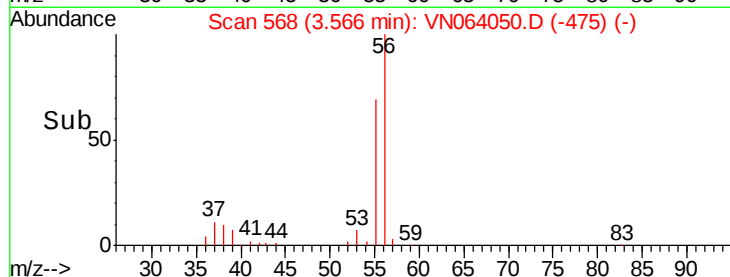
30000

20000

10000

0

Time-->



#14

Allyl chloride

Concen: 55.312 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

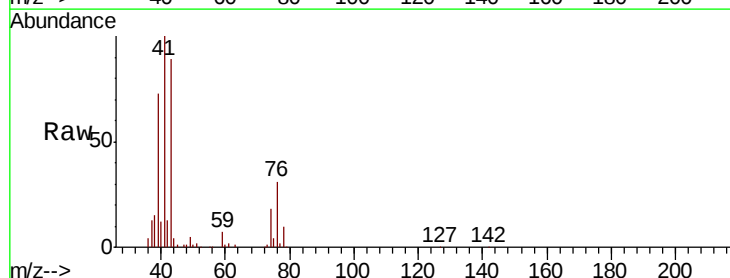
Tgt Ion: 41 Resp: 246428

Ion Ratio Lower Upper

41 100

39 70.7 64.5 96.7

76 27.9 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VN063741.D (-751) (-)

Ion 39.00 (38.70 to 39.70): VN063741.D (-751) (-)

Ion 75.90 (75.60 to 76.60): VN063741.D (-751) (-)

100000

80000

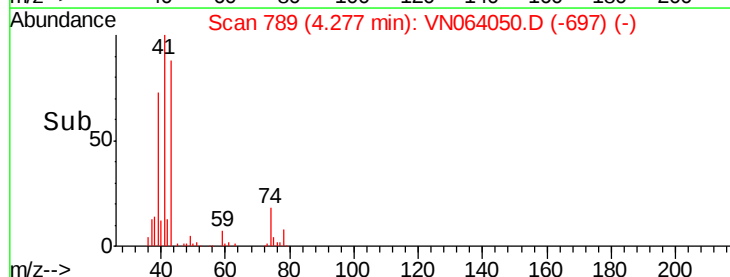
60000

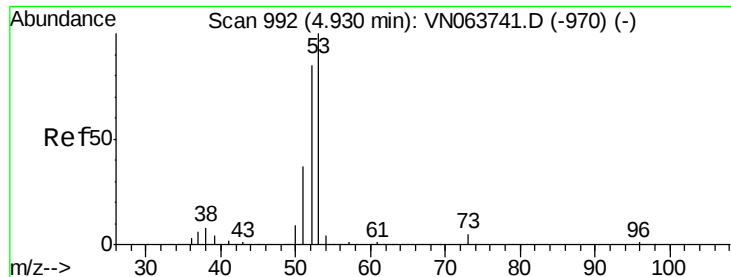
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 305.192 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

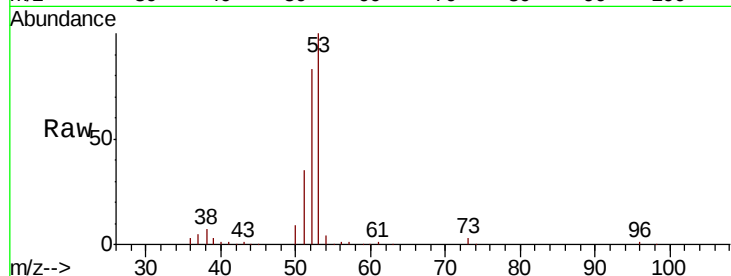
MSVOA_N

ClientSampled :

BFB

Tot Ion: 53 Resp: 379467

Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.5	99.7
51	37.2	29.9	44.9

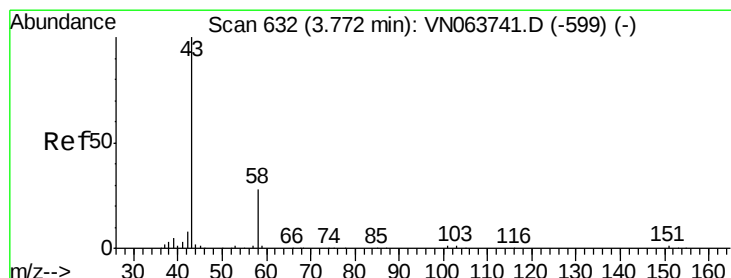
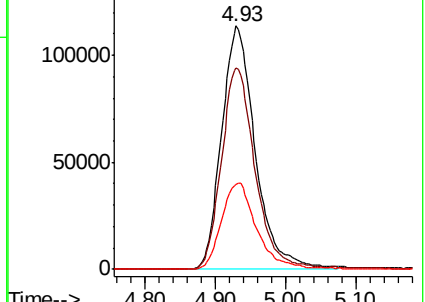
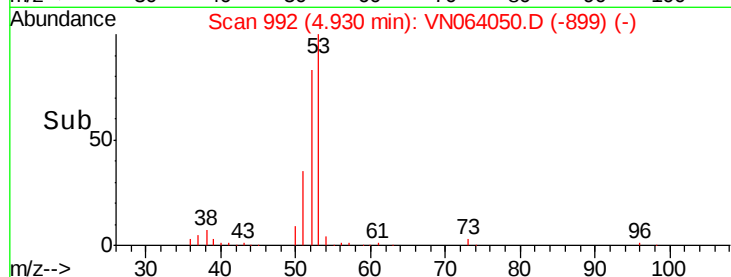


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 284.015 ug/l

RT: 3.77 min Scan# 632

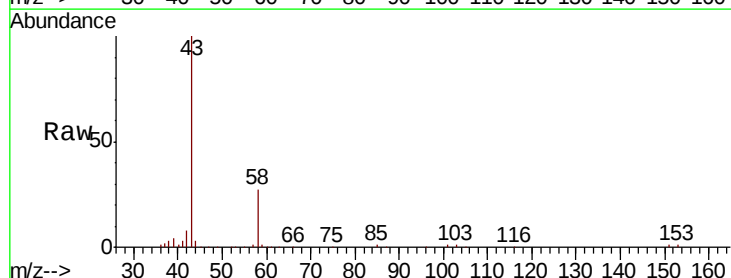
Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Tgt Ion: 43 Resp: 343984

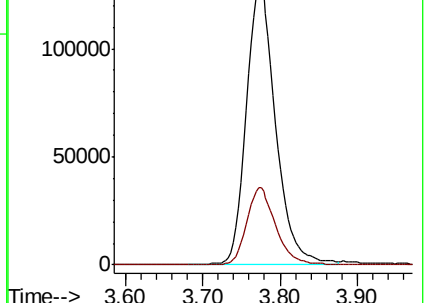
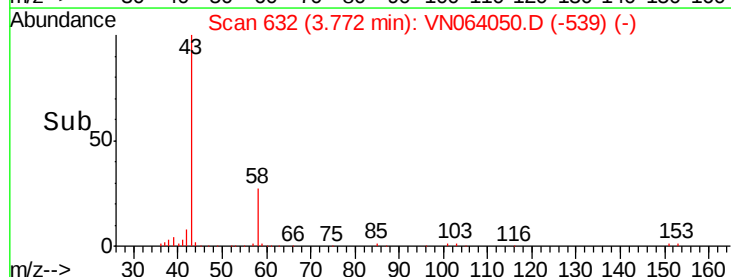
Ion	Ratio	Lower	Upper
43	100		
58	27.4	22.3	33.5

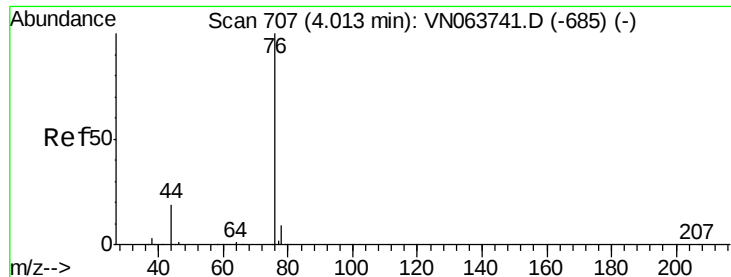


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 47.640 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampled :

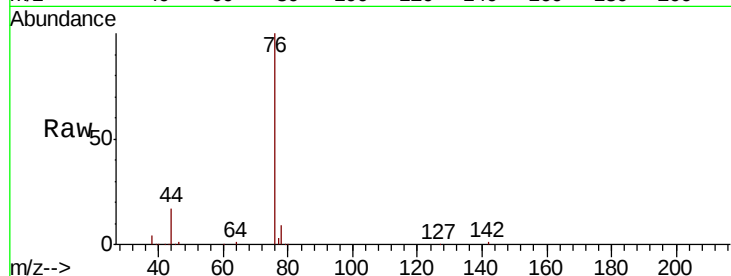
BFB

Tot Ion: 76 Resp: 308571

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VN063741.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN063741.D (-685) (-)

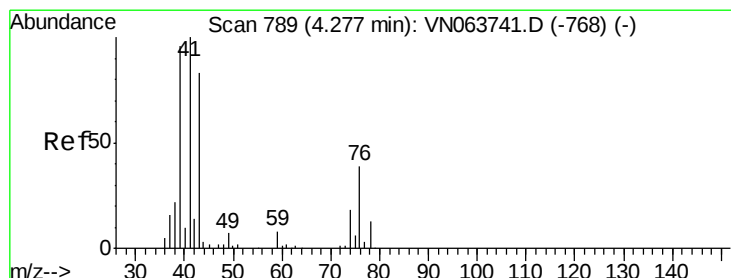
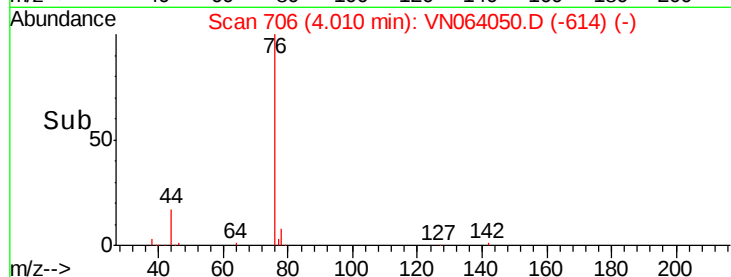
4.01

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 63.371 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064050.D

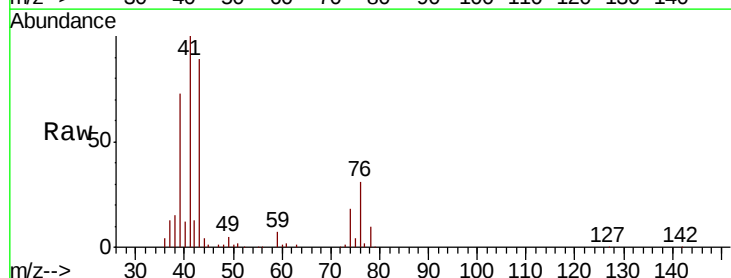
Acq: 9 Oct 2020 20:49

Tgt Ion: 43 Resp: 199277

Ion Ratio Lower Upper

43 100

74 20.4 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-768) (-)

Ion 74.00 (73.70 to 74.70): VN063741.D (-768) (-)

4.28

80000

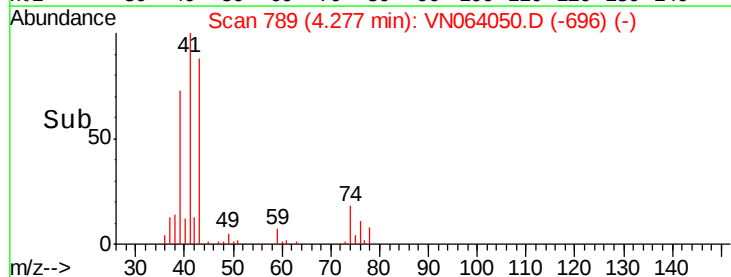
60000

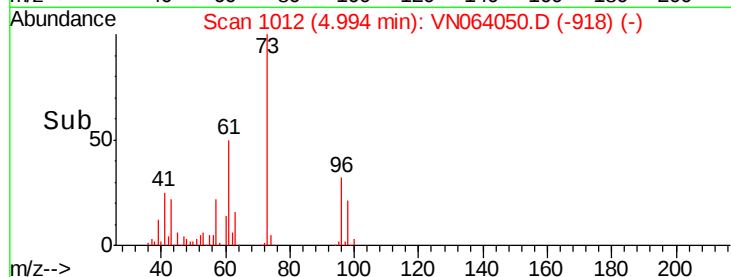
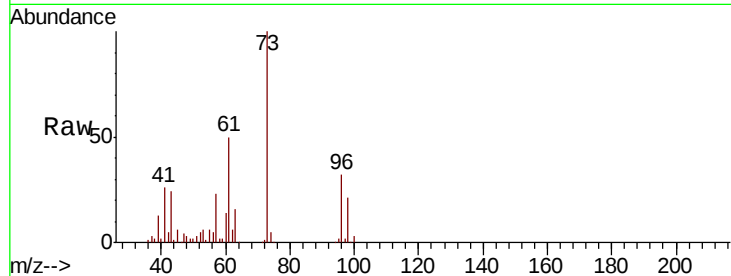
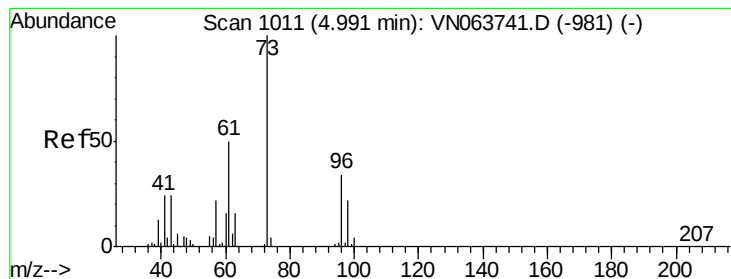
40000

20000

0

Time-->



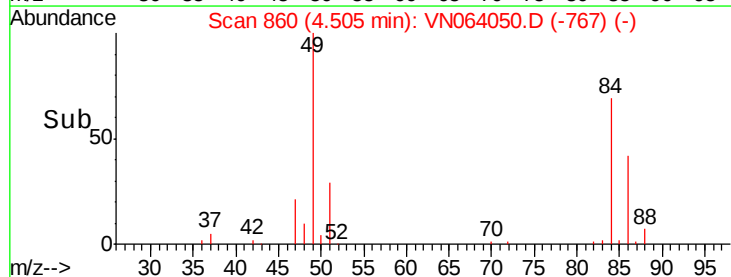
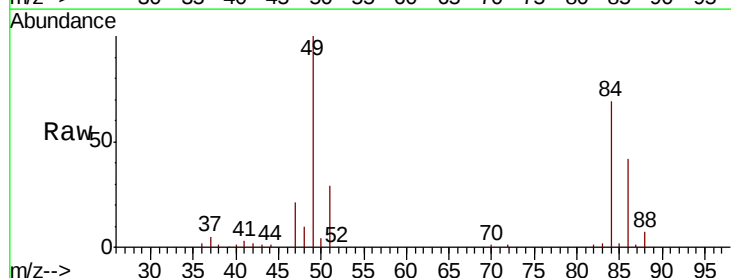
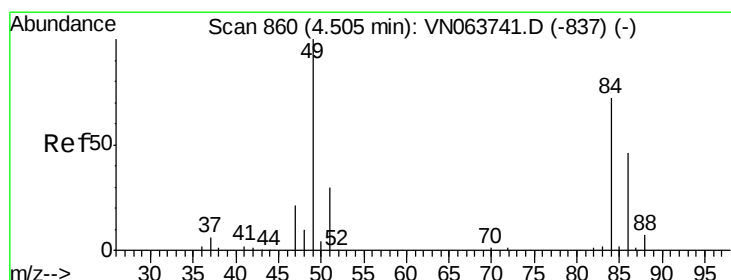
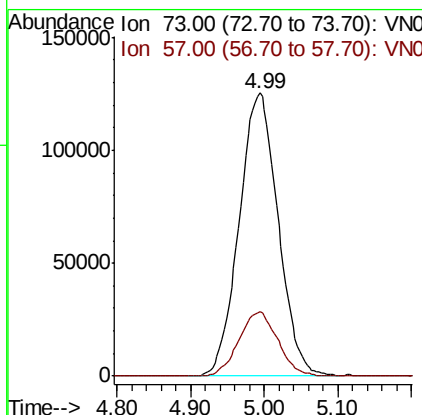


#19

Methyl tert-butyl Ether
 Concen: 53.074 ug/l
 RT: 4.99 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

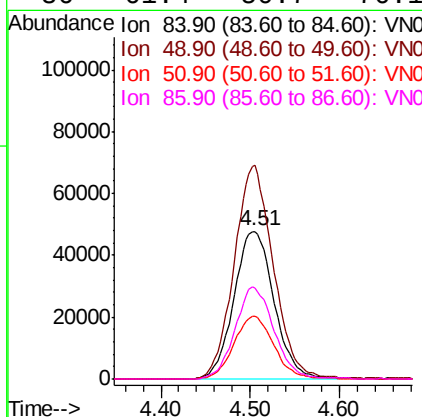
Tot Ion: 73 Resp: 462420
 Ion Ratio Lower Upper
 73 100
 57 22.7 17.6 26.4

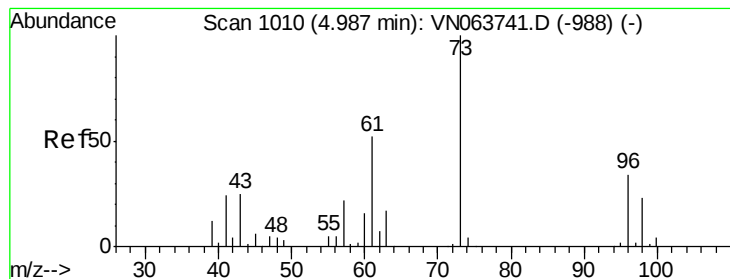


#20

Methylene Chloride
 Concen: 53.707 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion: 84 Resp: 149010
 Ion Ratio Lower Upper
 84 100
 49 144.3 110.4 165.6
 51 42.5 33.3 49.9
 86 61.4 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 48.986 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

BFB

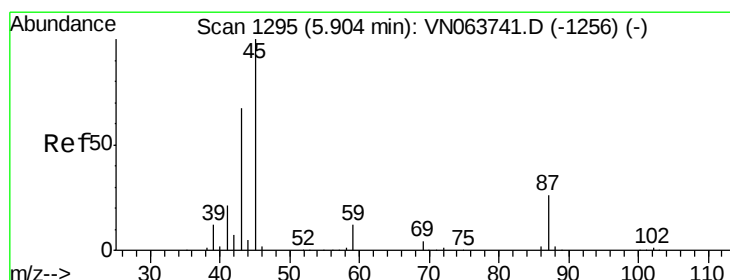
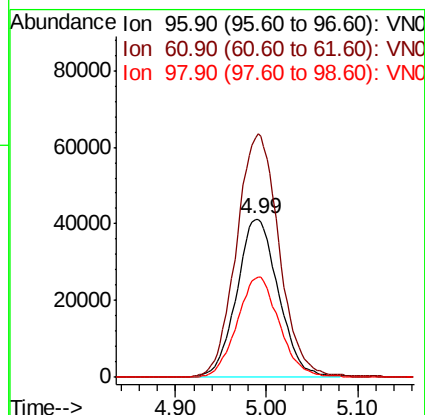
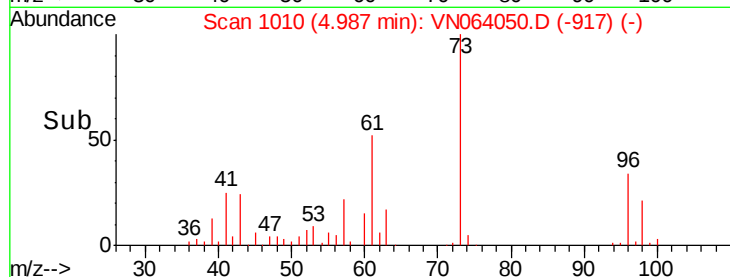
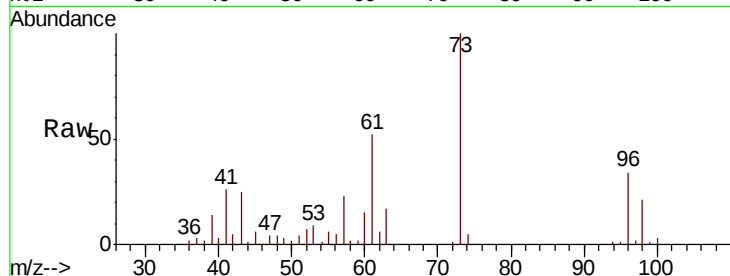
Tot Ion: 96 Resp: 131583

Ion Ratio Lower Upper

96 100

61 151.5 120.2 180.2

98 62.4 52.6 79.0



#22

Diisopropyl ether

Concen: 59.369 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Tgt Ion: 45 Resp: 544206

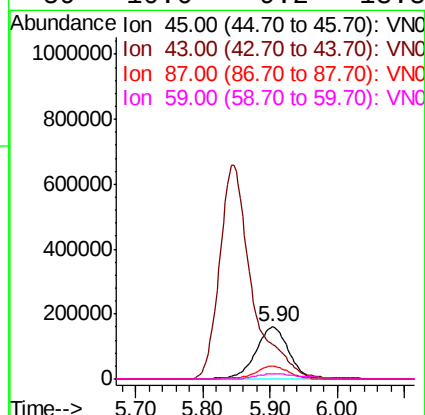
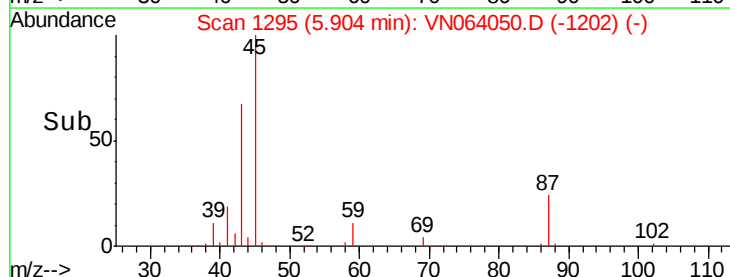
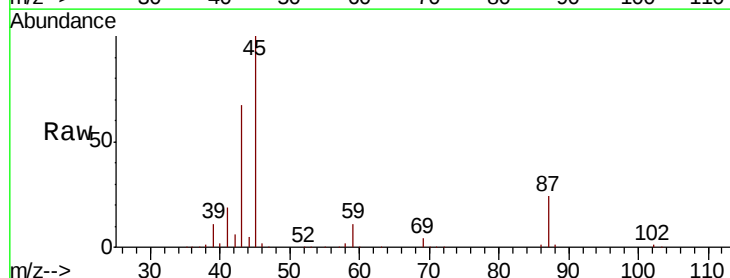
Ion Ratio Lower Upper

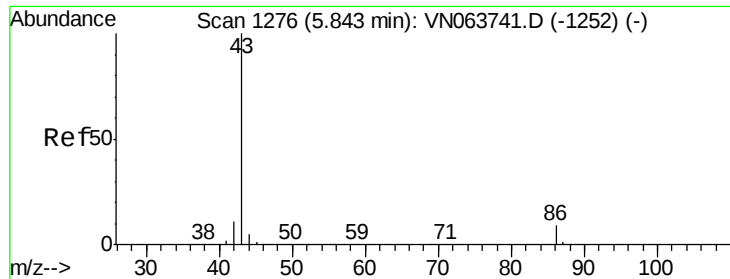
45 100

43 66.7 53.7 80.5

87 24.4 21.1 31.7

59 10.6 9.2 13.8

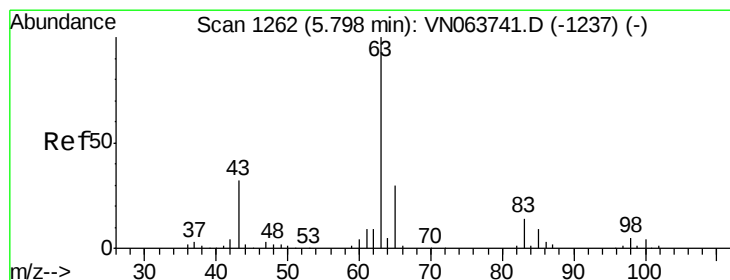
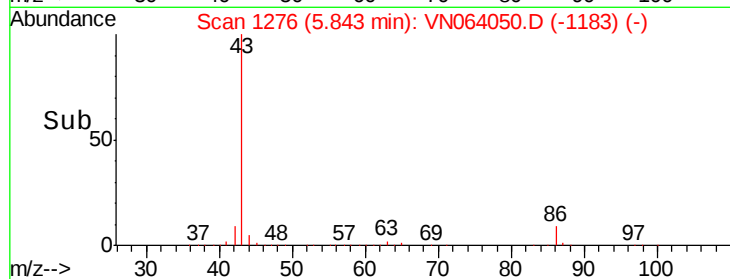
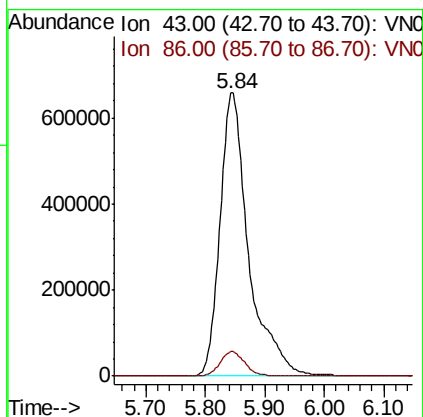
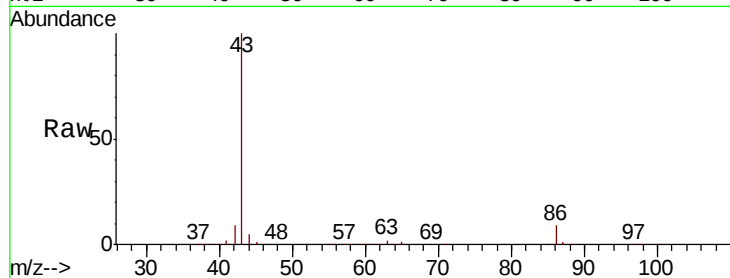




#23
 Vinyl Acetate
 Concen: 290.688 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

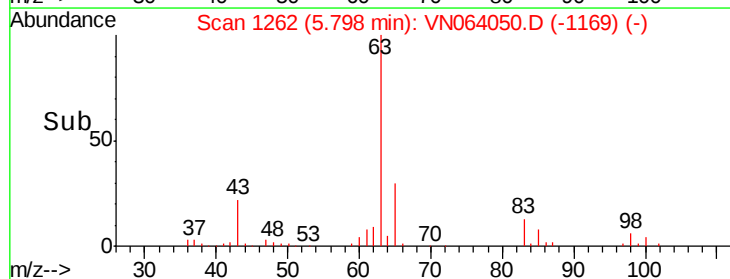
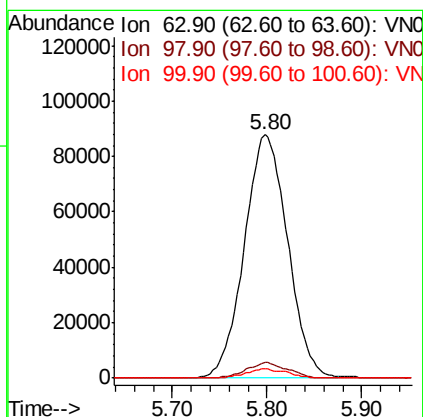
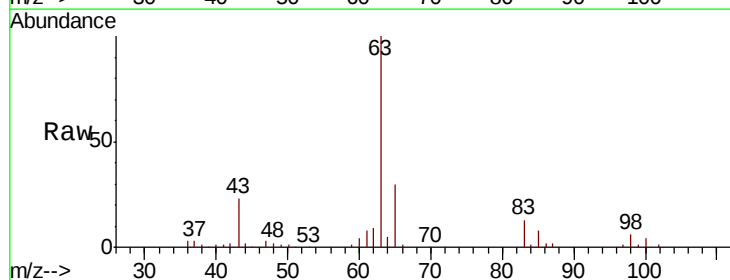
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

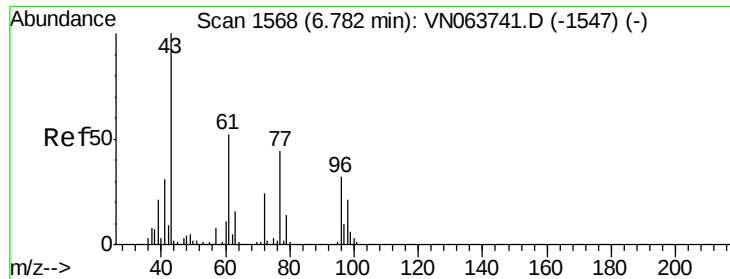
Tot Ion: 43 Resp: 2207234
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 53.313 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion: 63 Resp: 279421
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.7 8.1
 100 3.8 1.9 5.7

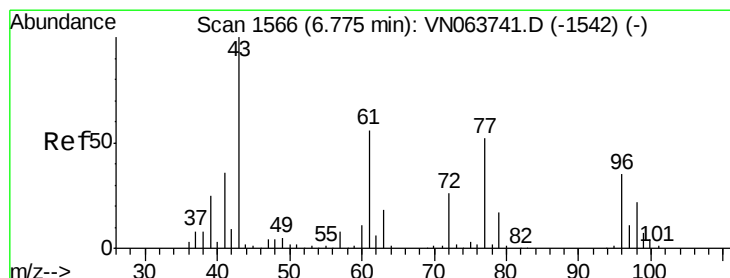
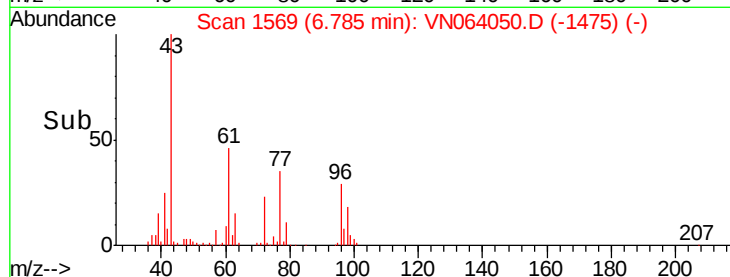
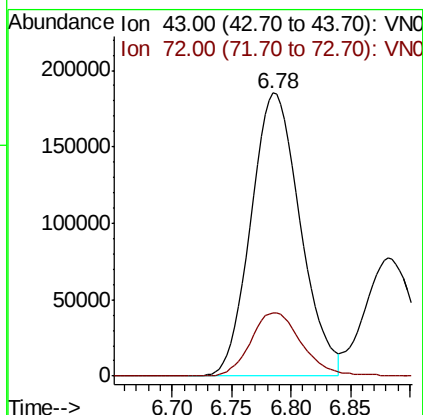
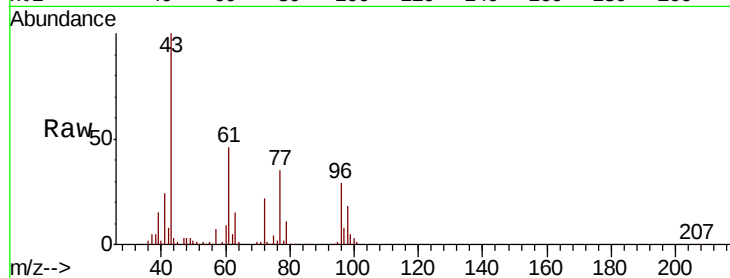




#25
2-Butanone
Concen: 309.109 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

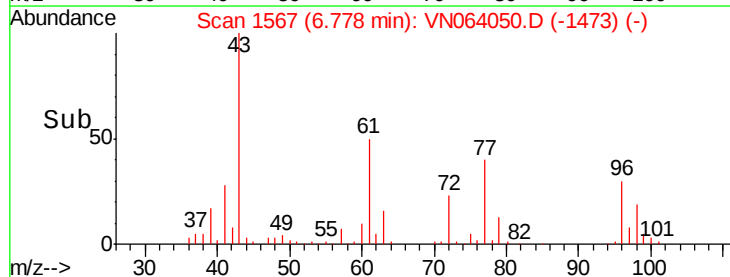
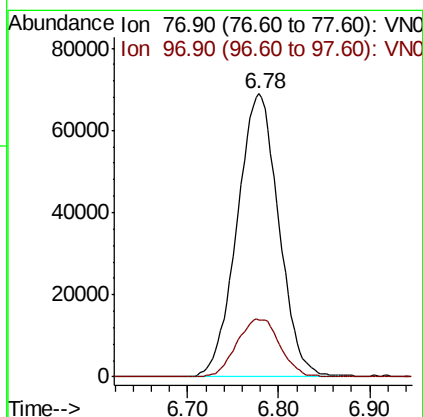
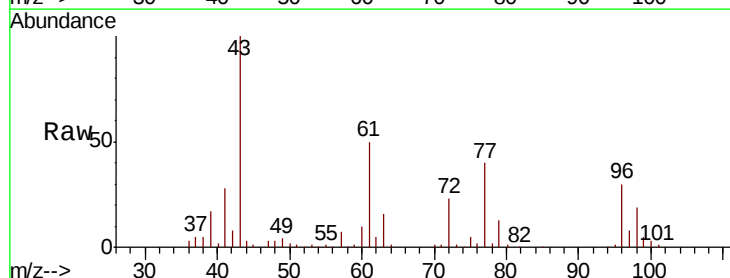
Instrument :
MSVOA_N
ClientSampled :
BFB

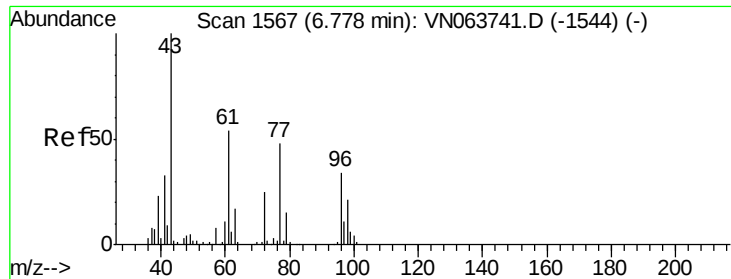
Tot Ion: 43 Resp: 530773
Ion Ratio Lower Upper
43 100
72 22.5 19.3 28.9



#26
2,2-Dichloropropane
Concen: 45.671 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion: 77 Resp: 219209
Ion Ratio Lower Upper
77 100
97 21.1 10.8 32.3

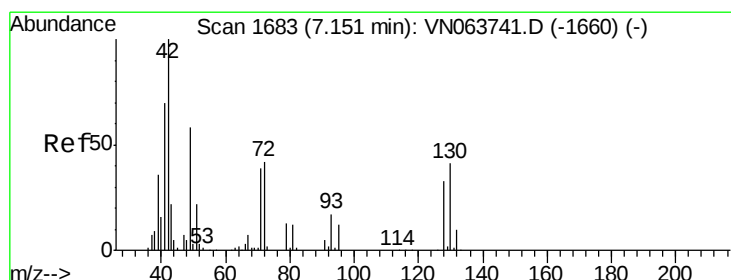
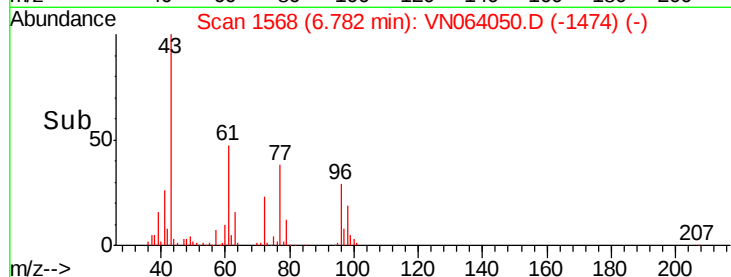
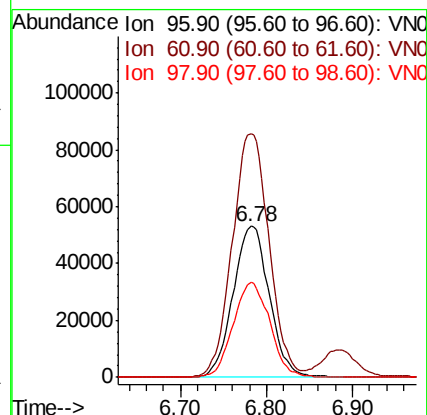
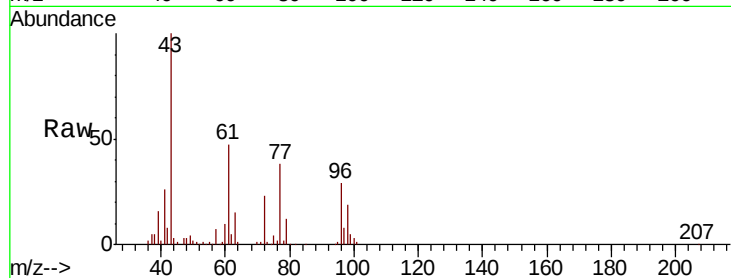




#27
 cis-1,2-Dichloroethene
 Concen: 50.411 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

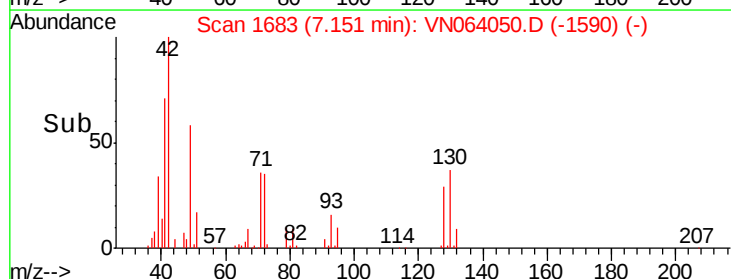
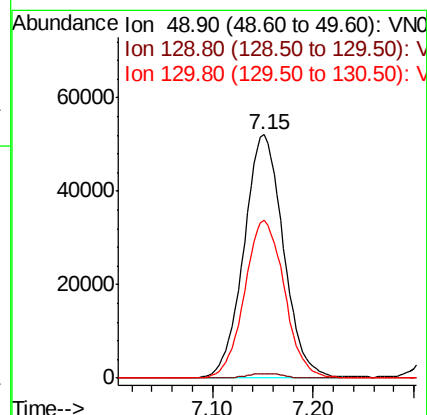
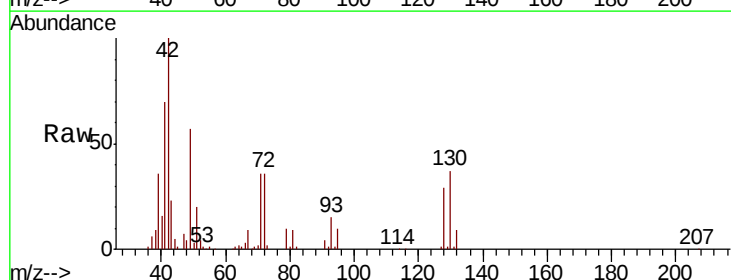
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

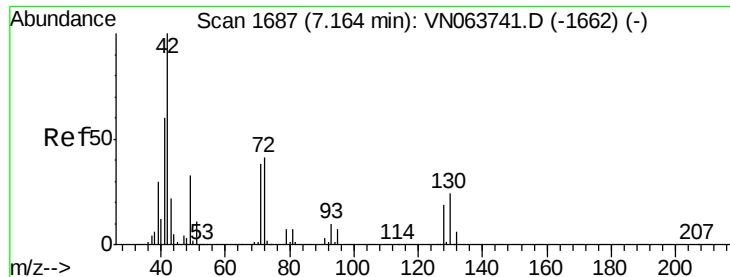
Tot Ion	96	Resp	155735
Ion	Ratio	Lower	Upper
96	100		
61	163.5	0.0	321.2
98	63.5	0.0	124.4



#28
 Bromochloromethane
 Concen: 54.836 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion	49	Resp	142048
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.8
130	65.0	55.6	83.4

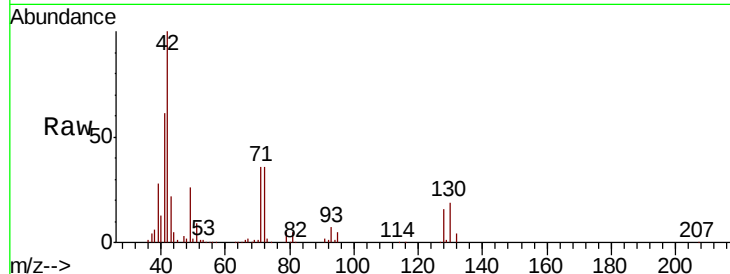




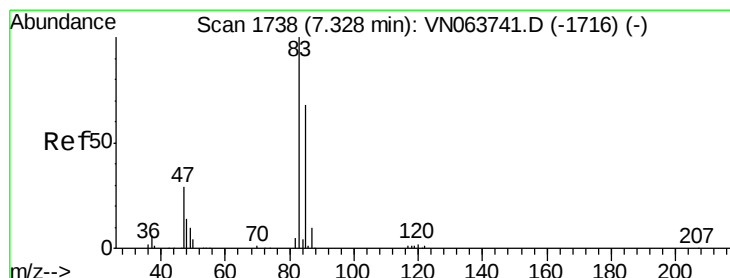
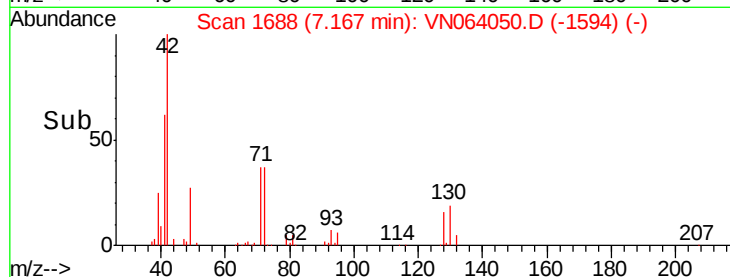
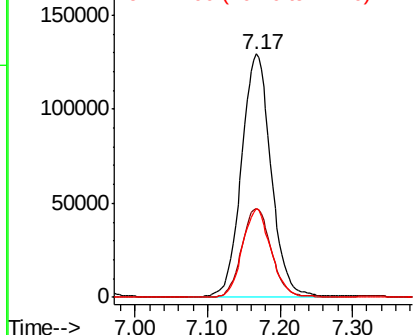
#29
Tetrahydrofuran
Concen: 318.616 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.8	32.8	49.2
71	34.9	30.6	45.8

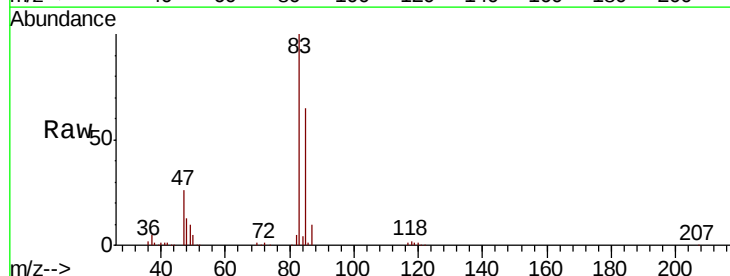


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

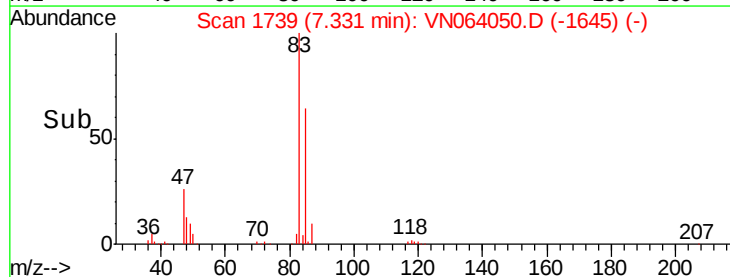
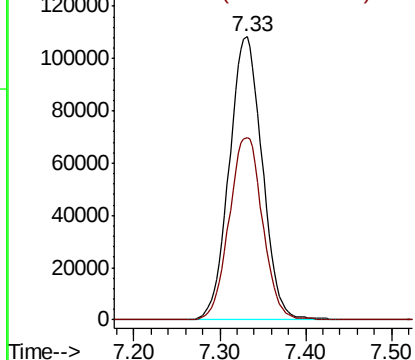


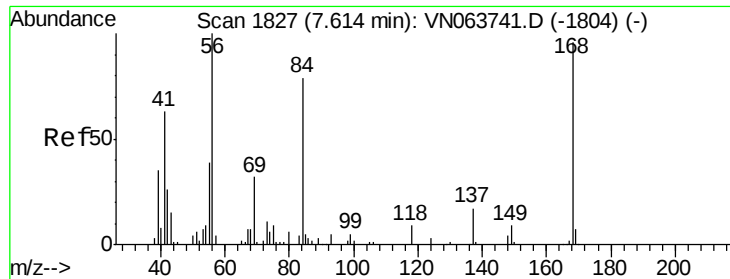
#30
Chloroform
Concen: 52.731 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	54.6	82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

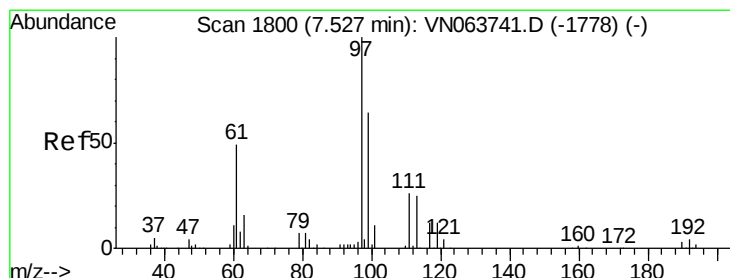
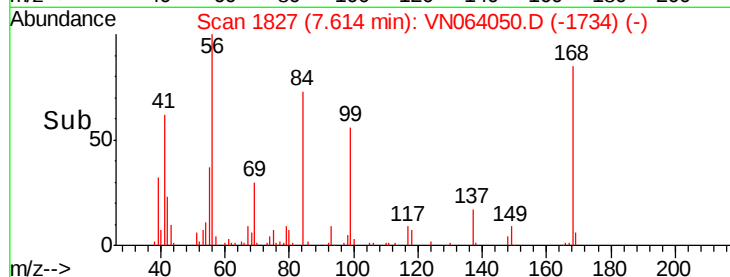
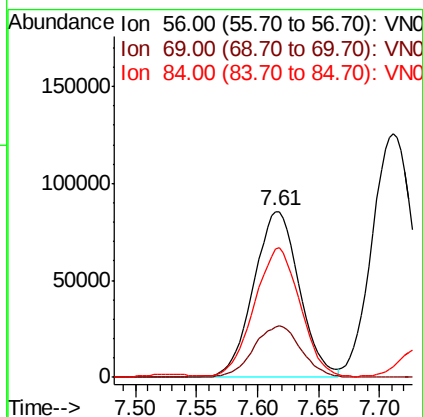
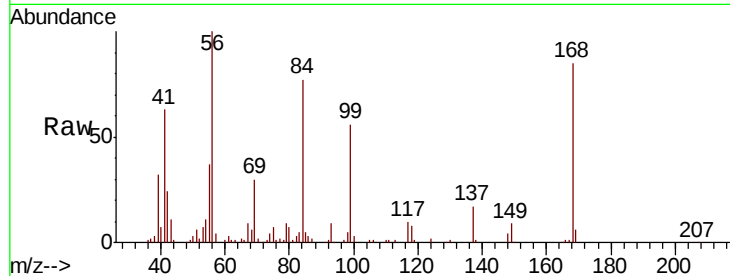




#31
Cyclohexane
Concen: 48.978 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

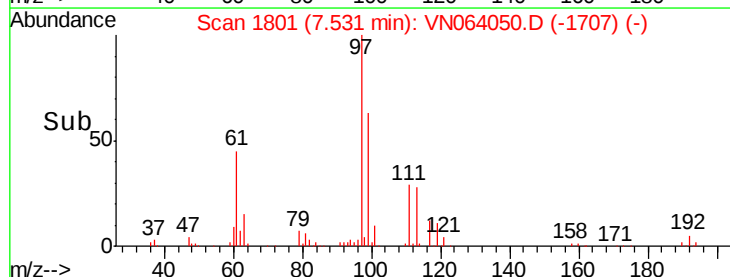
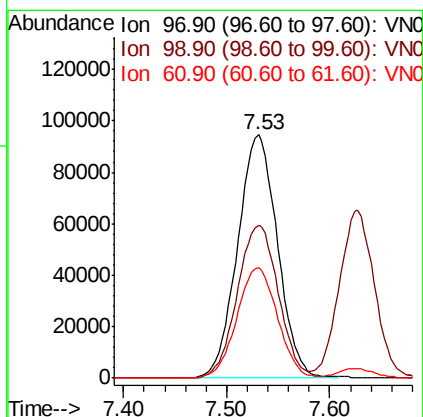
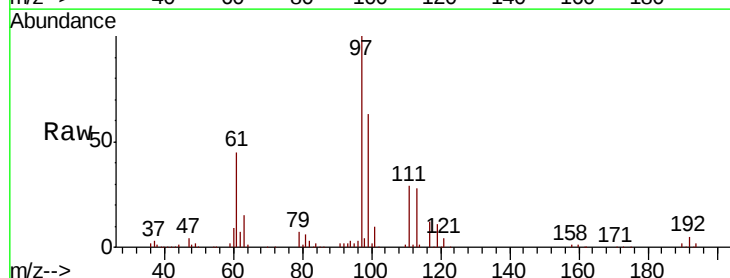
Instrument :
MSVOA_N
ClientSampled :
BFB

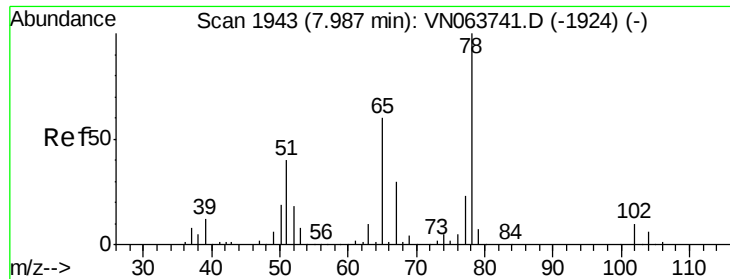
Tot Ion: 56 Resp: 223715
Ion Ratio Lower Upper
56 100
69 30.2 25.4 38.2
84 75.8 63.3 94.9



#32
1,1,1-Trichloroethane
Concen: 51.637 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion: 97 Resp: 254527
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.6
61 46.3 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 48.036 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

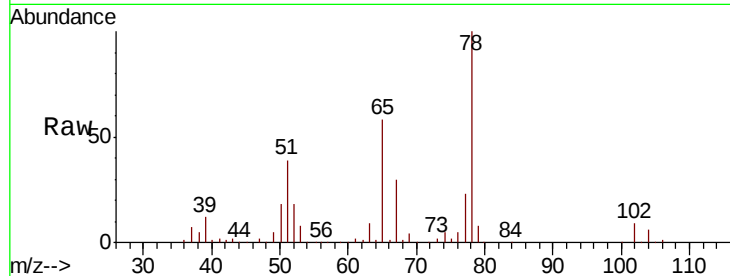
BFB

Tot Ion: 65 Resp: 188994

Ion Ratio Lower Upper

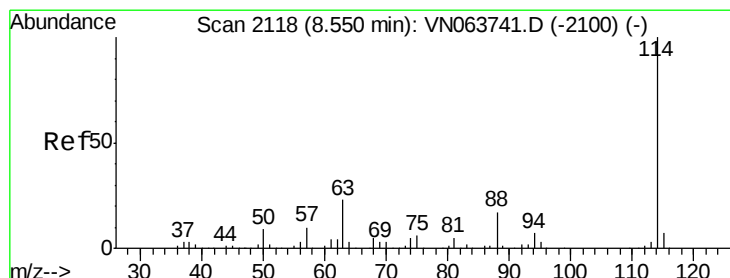
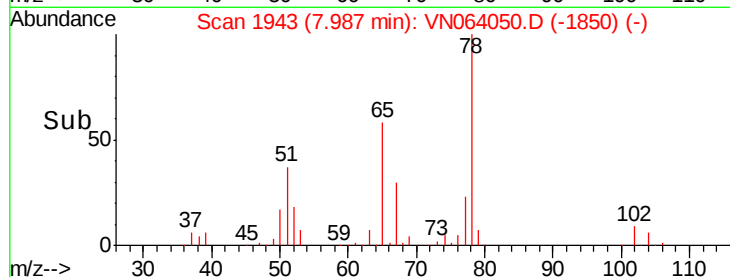
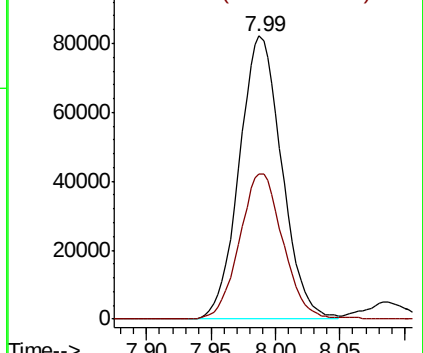
65 100

67 52.1 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN064050.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064050.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

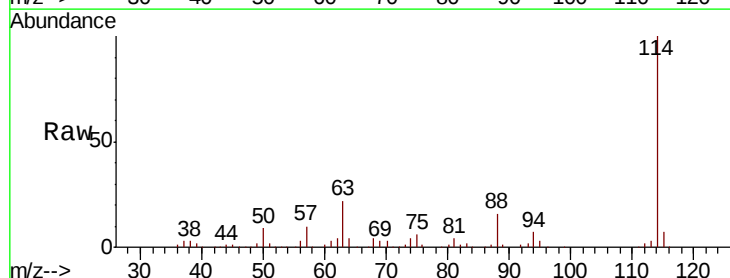
Tgt Ion: 114 Resp: 389327

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

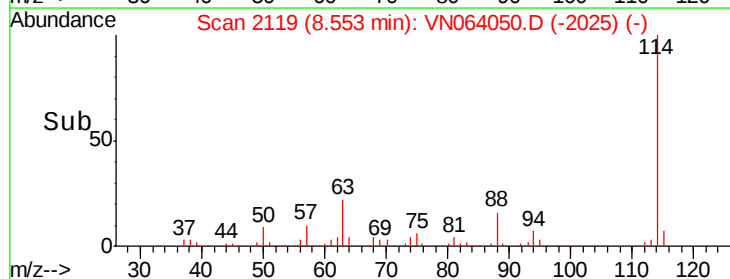
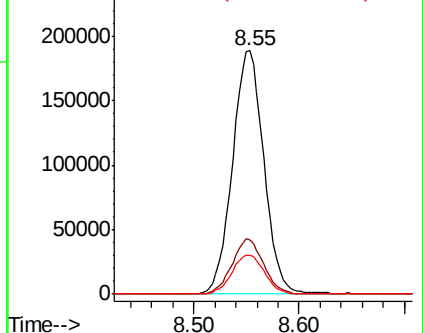
88 16.0 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): VN064050.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064050.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064050.D (-2025) (-)

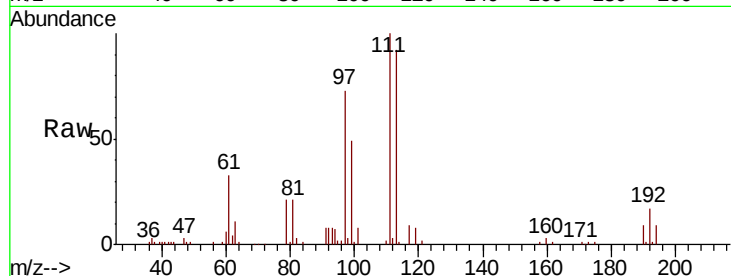




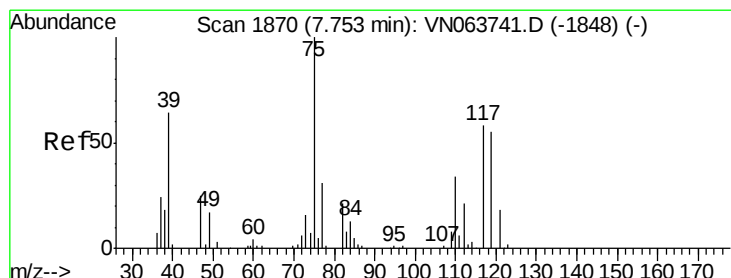
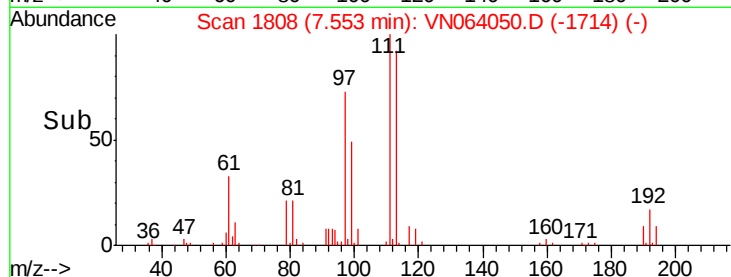
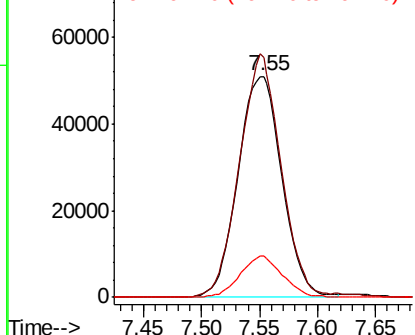
#35
 Dibromofluoromethane
 Concen: 49.789 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.8
192	17.9	14.2	21.2

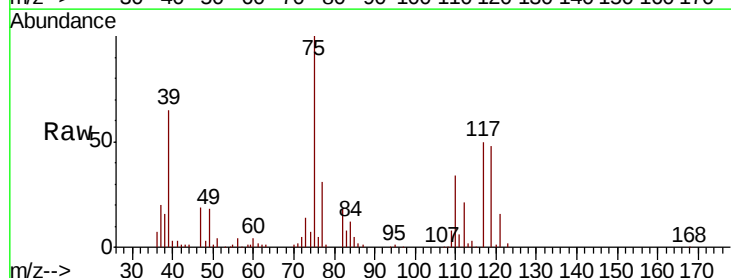


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

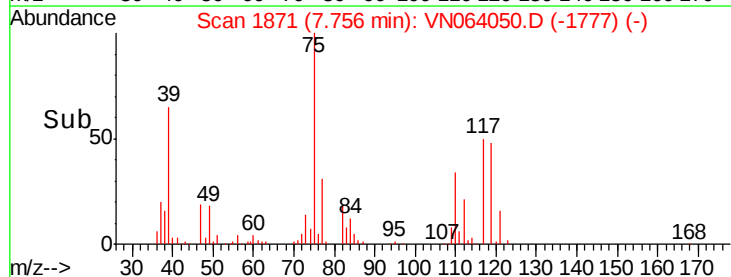
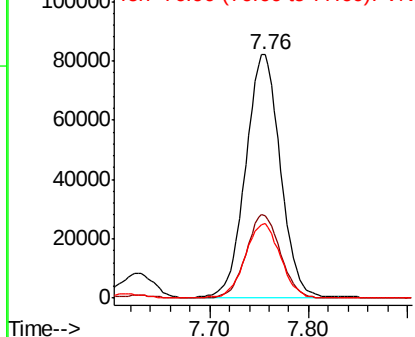


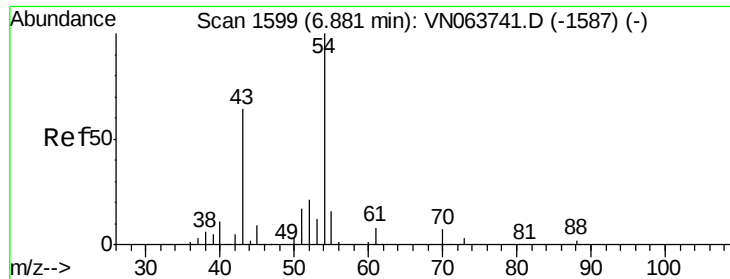
#36
 1,1-Dichloropropene
 Concen: 50.728 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.9	50.6
77	31.1	24.5	36.7



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

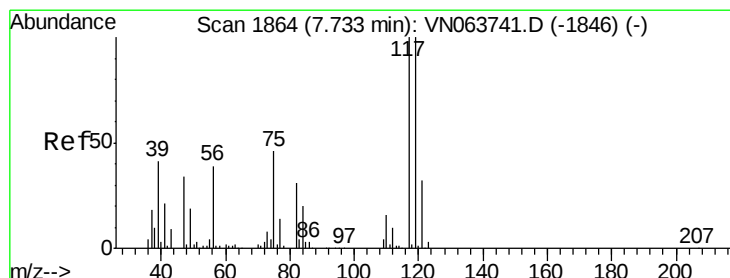
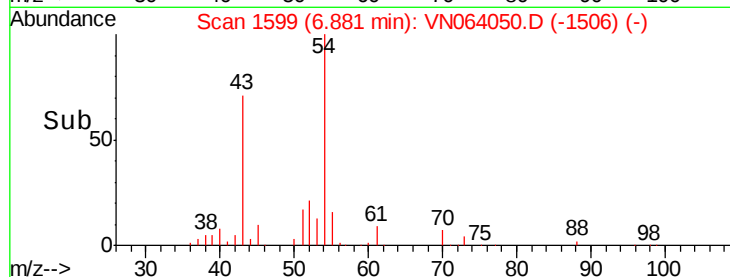
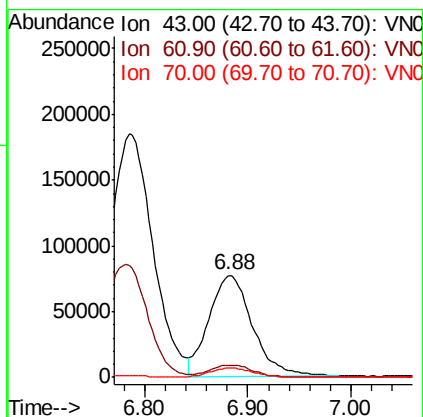
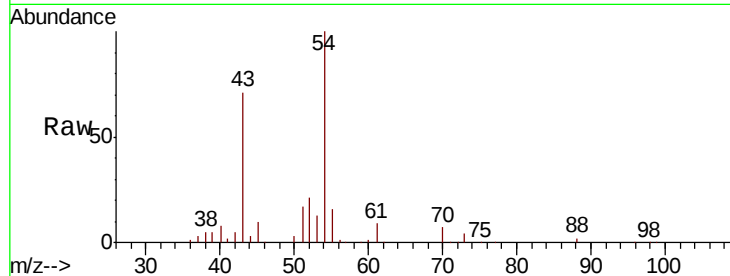




#37
Ethyl Acetate
Concen: 57.366 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

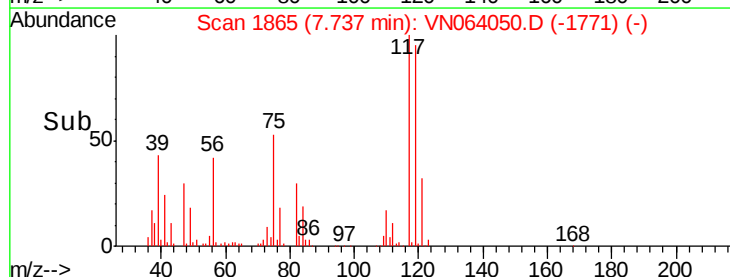
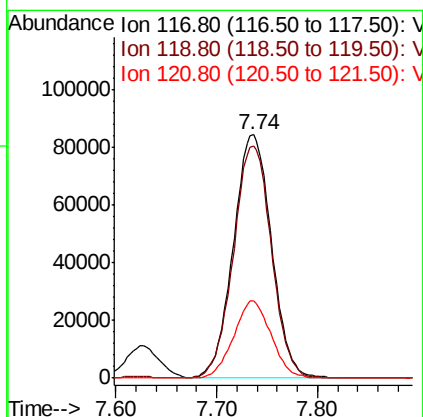
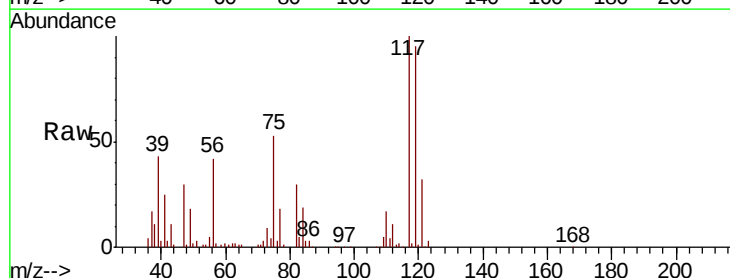
Instrument :
MSVOA_N
ClientSampled :
BFB

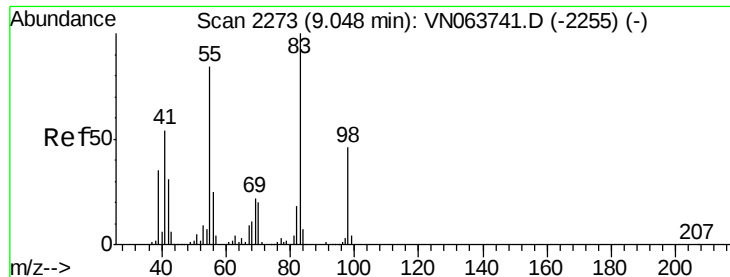
Tot Ion: 43 Resp: 224800
Ion Ratio Lower Upper
43 100
61 12.1 10.4 15.6
70 9.3 7.3 10.9



#38
Carbon Tetrachloride
Concen: 49.841 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion: 117 Resp: 220441
Ion Ratio Lower Upper
117 100
119 95.7 80.1 120.1
121 32.0 25.7 38.5

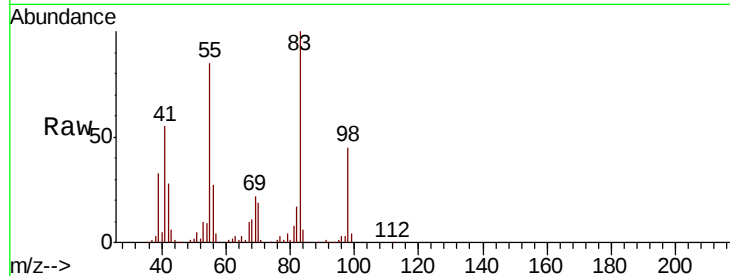




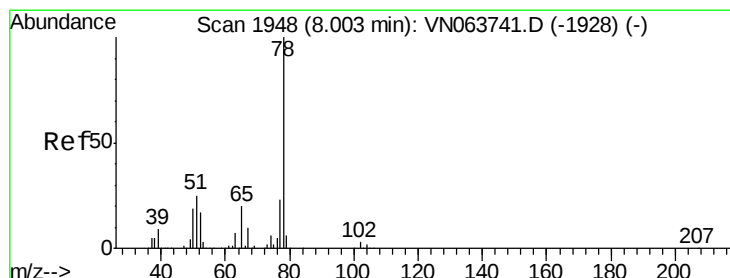
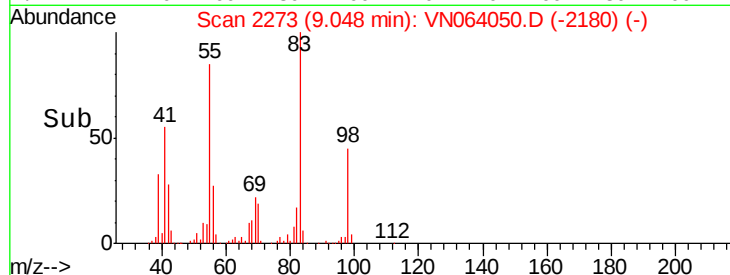
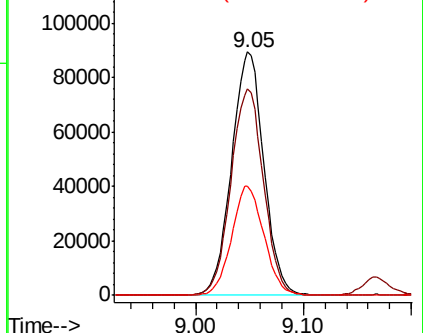
#39
Methvlcvclohexane
Concen: 47.299 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion: 83 Resp: 186043
Ion Ratio Lower Upper
83 100
55 85.1 67.1 100.7
98 45.0 36.6 54.8

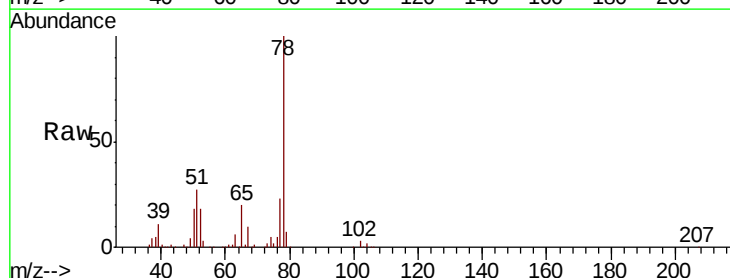


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

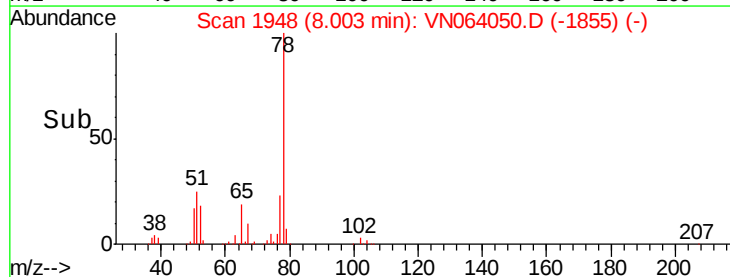
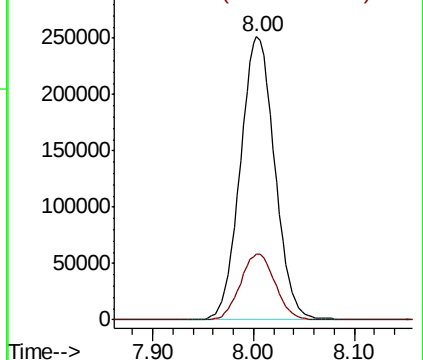


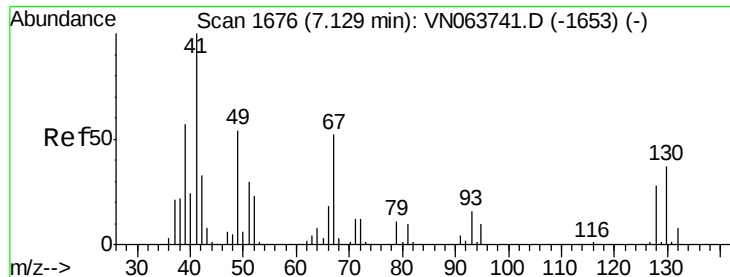
#40
Benzene
Concen: 52.599 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion: 78 Resp: 592572
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1



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

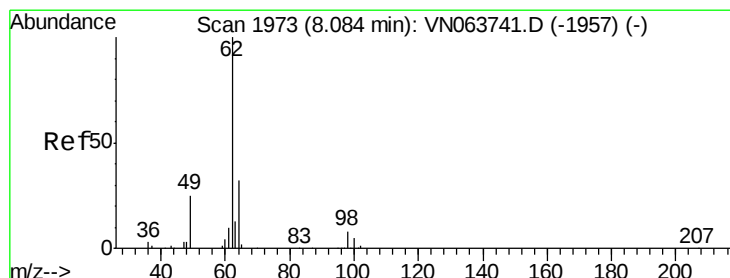
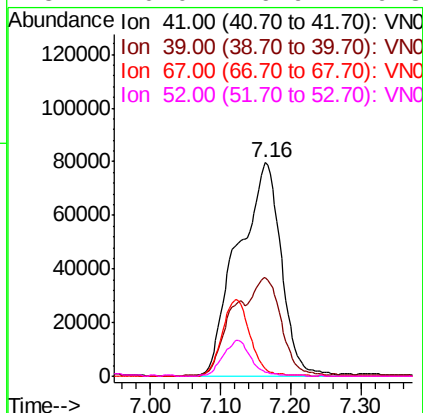
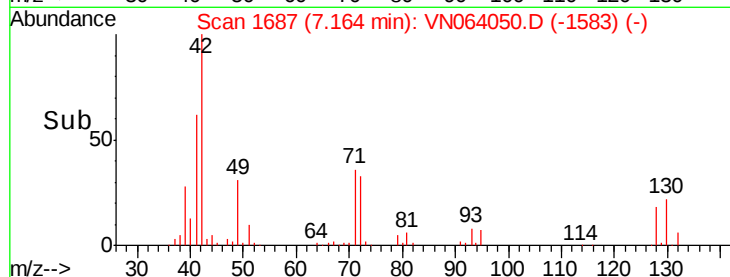
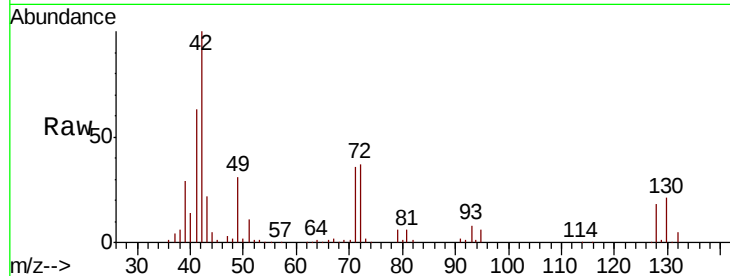




#41
Methacrylonitrile
Concen: 196.578 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

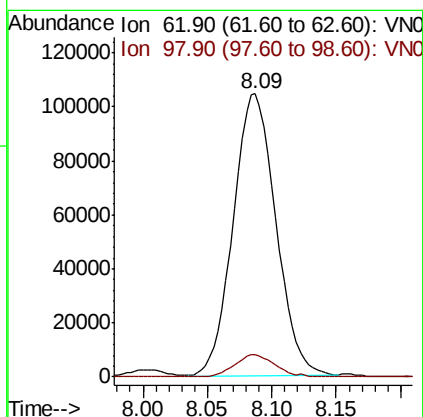
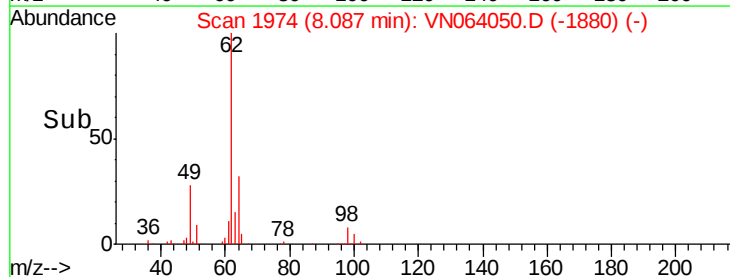
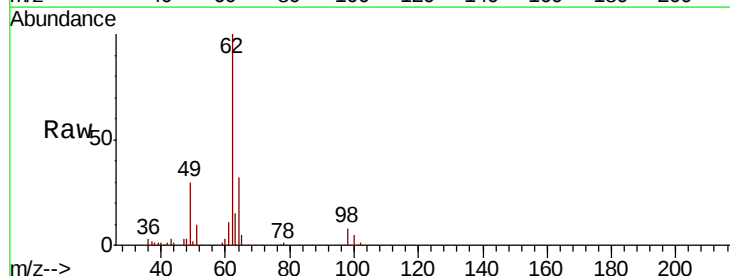
Instrument :
MSVOA_N
ClientSampleId :
BFB

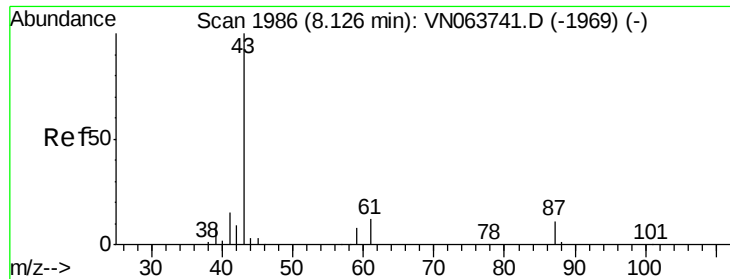
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#



#42
1,2-Dichloroethane
Concen: 50.084 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.0





#43

Isopropyl Acetate

Concen: 57.961 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampled :

BFB

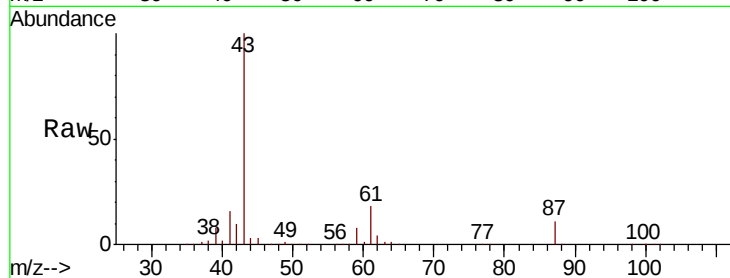
Tot Ion: 43 Resp: 374642

Ion Ratio Lower Upper

43 100

61 18.5 14.2 21.4

87 11.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)

8.13

200000

150000

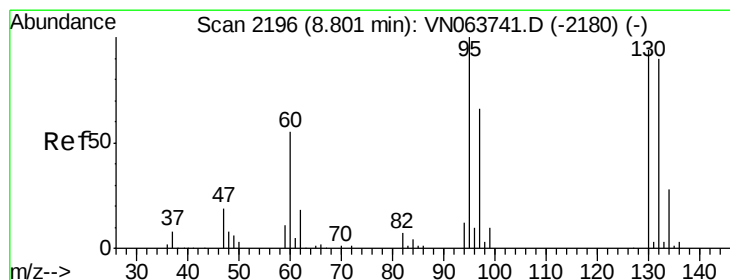
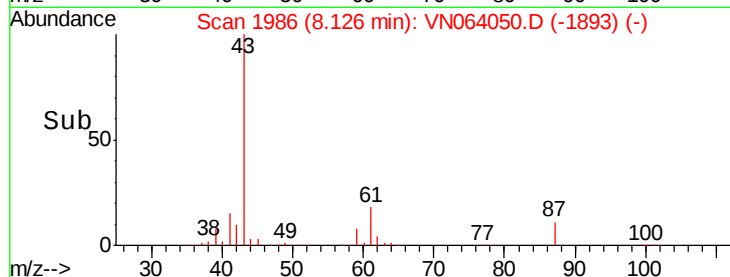
100000

50000

0

8.00 8.10 8.20

Time-->



#44

Trichloroethene

Concen: 49.112 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN064050.D

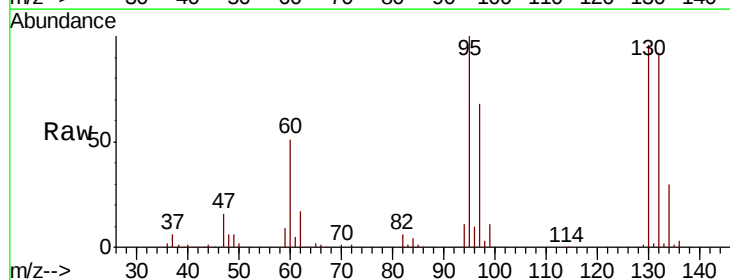
Acq: 9 Oct 2020 20:49

Tgt Ion:130 Resp: 144968

Ion Ratio Lower Upper

130 100

95 104.0 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063741.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN063741.D (-2180) (-)

8.80

80000

60000

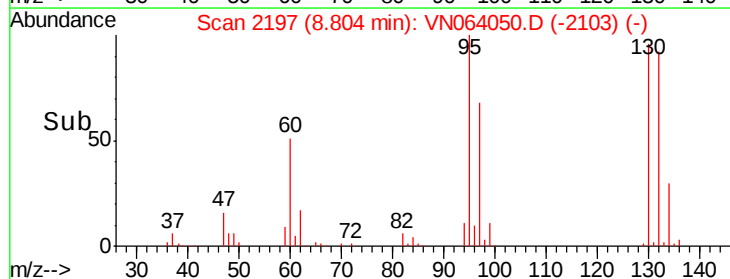
40000

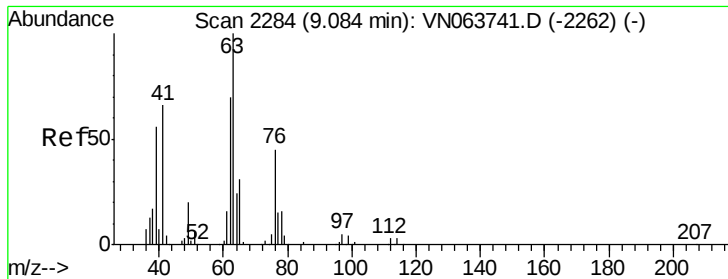
20000

0

8.70 8.80 8.90

Time-->

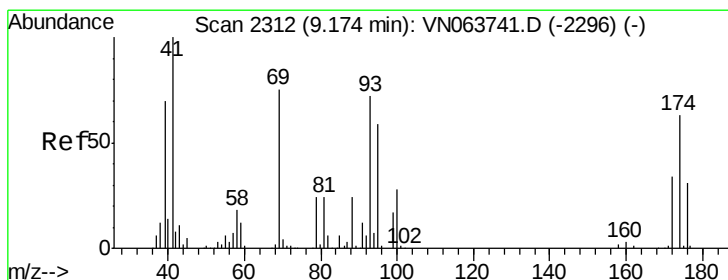
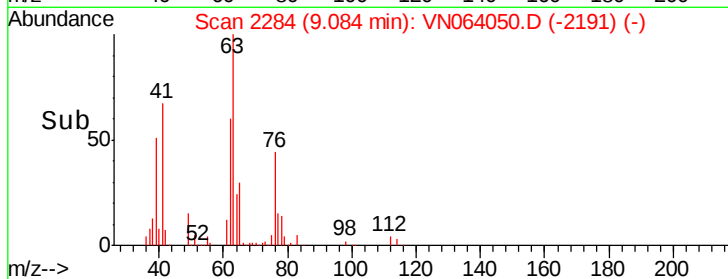
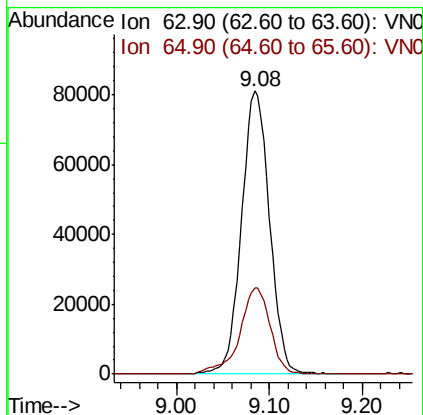
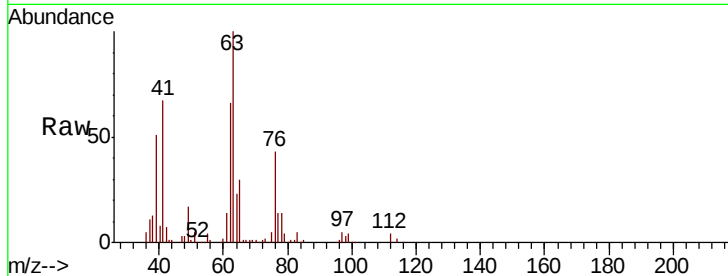




#45
 1,2-Dichloropropane
 Concen: 56.026 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

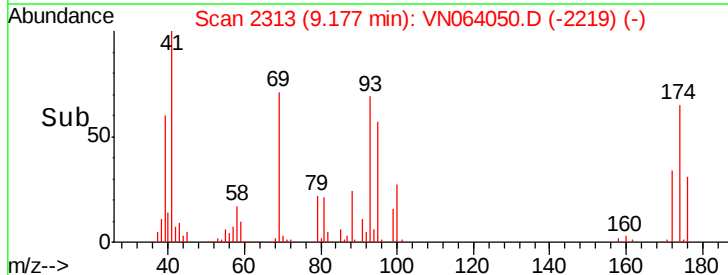
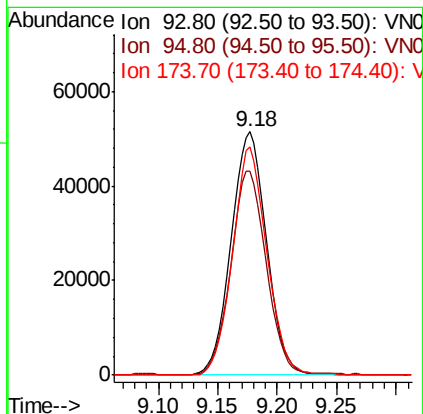
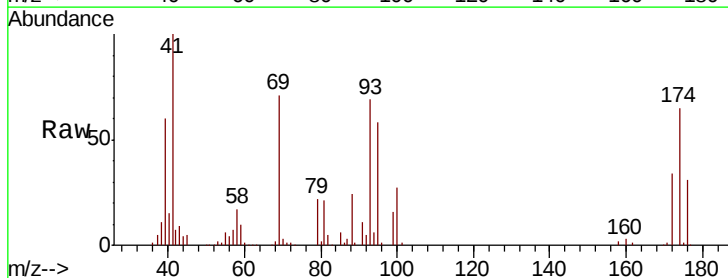
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

Tot Ion: 63 Resp: 170460
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.7 37.1



#46
 Dibromomethane
 Concen: 50.679 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion: 93 Resp: 106370
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.3 99.5
 174 90.3 72.7 109.1





#47

Bromodichloromethane

Concen: 53.690 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

BFB

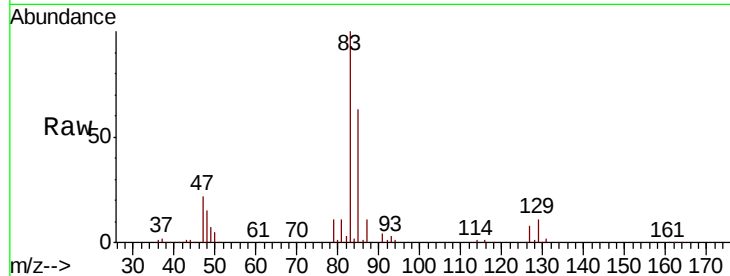
Tot Ion: 83 Resp: 232245

Ion Ratio Lower Upper

83 100

85 62.6 50.6 75.8

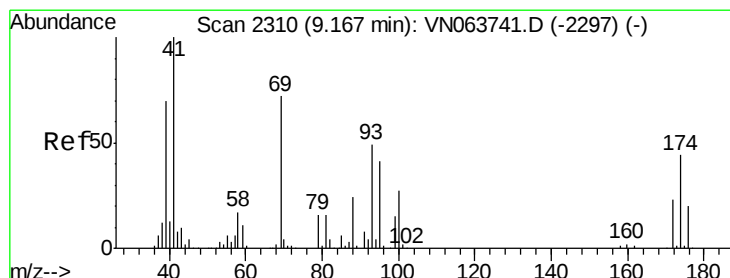
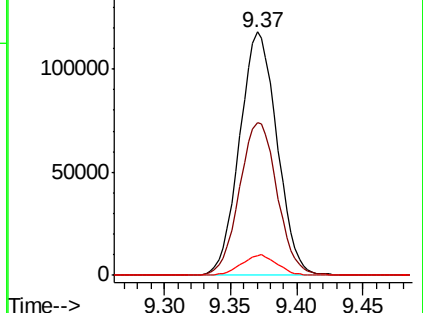
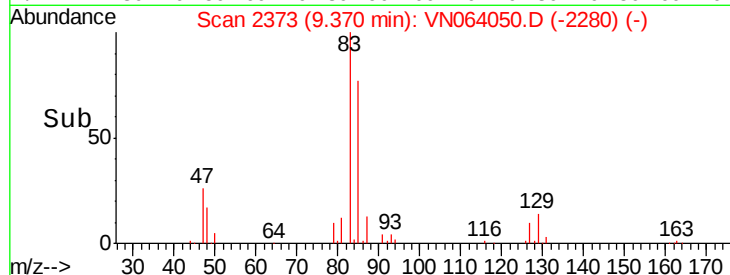
127 8.3 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN064050.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064050.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064050.D (-2280) (-)



#48

Methyl methacrylate

Concen: 59.742 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

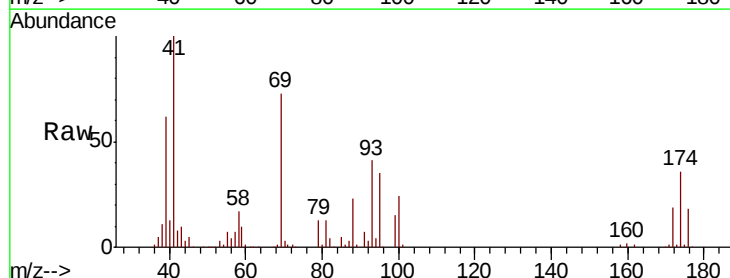
Tgt Ion: 41 Resp: 190783

Ion Ratio Lower Upper

41 100

69 71.3 60.9 91.3

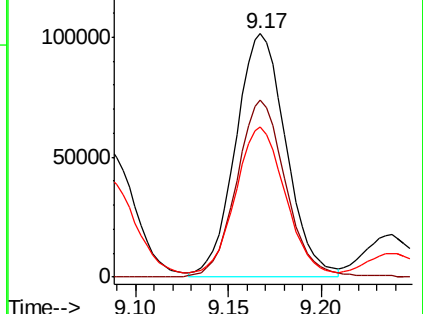
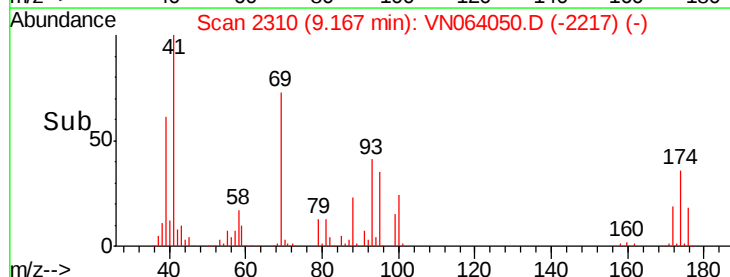
39 61.5 57.5 86.3

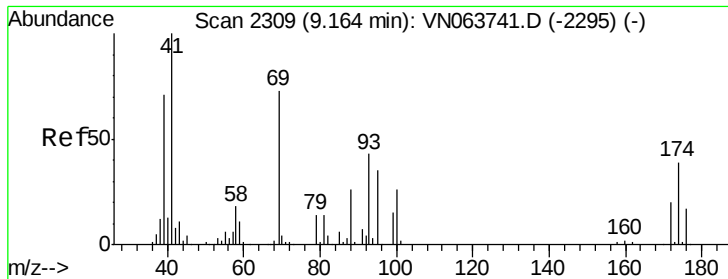


Abundance Ion 41.00 (40.70 to 41.70): VN064050.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064050.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064050.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1073.541 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

BFB

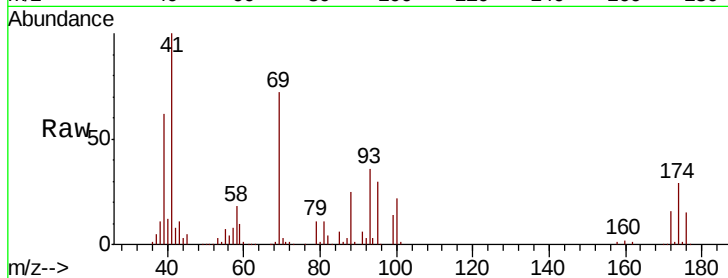
Tot Ion: 88 Resp: 48724

Ion Ratio Lower Upper

88 100

43 39.9 33.1 49.7

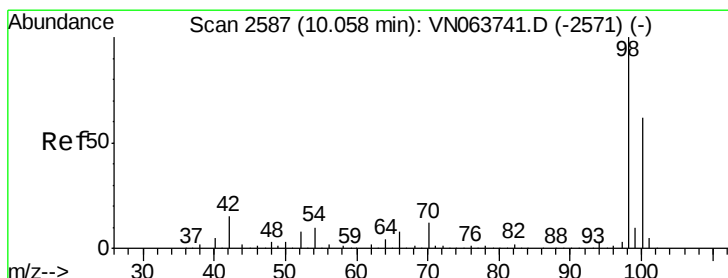
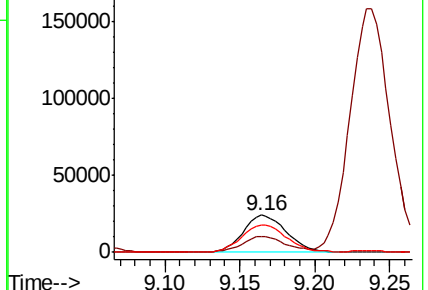
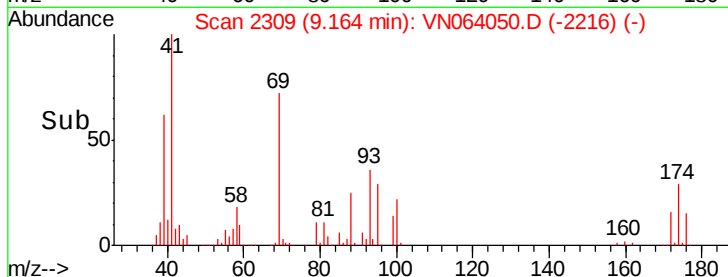
58 78.1 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN064050.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN064050.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN064050.D (-2216) (-)



#50

Toluene-d8

Concen: 49.546 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064050.D

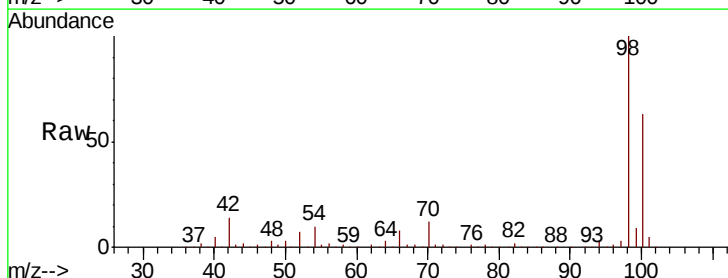
Acq: 9 Oct 2020 20:49

Tgt Ion: 98 Resp: 507400

Ion Ratio Lower Upper

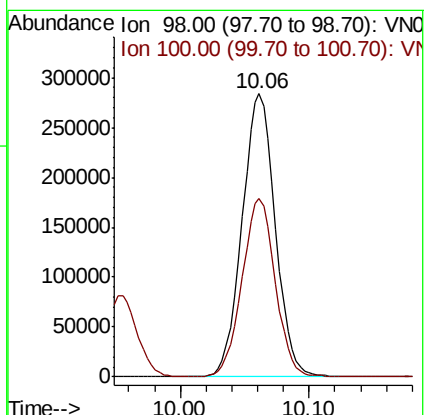
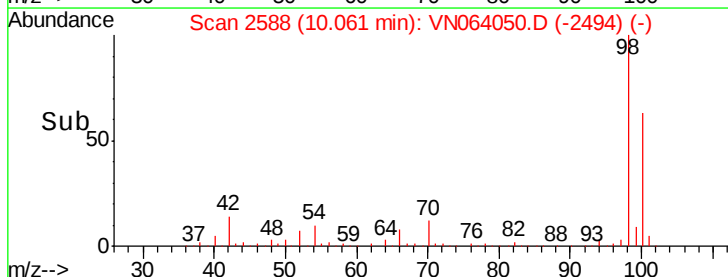
98 100

100 62.9 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN064050.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064050.D (-2494) (-)

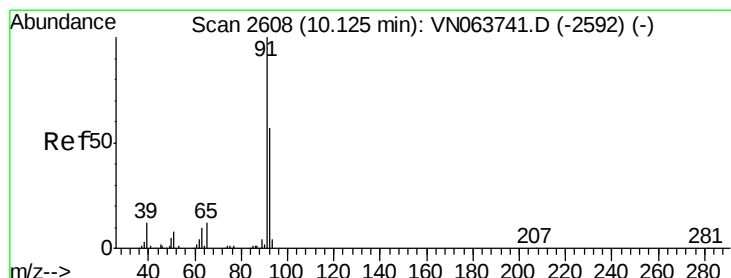
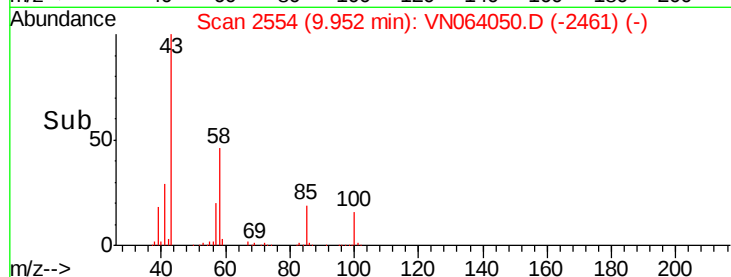
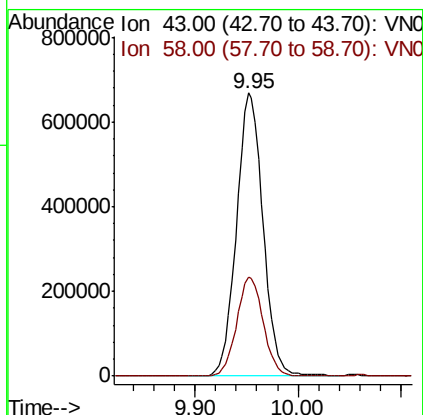
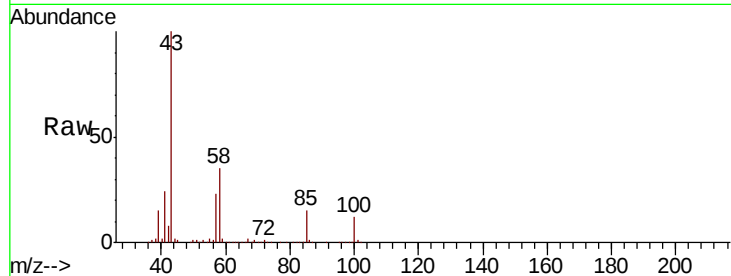




#51
 4-Methyl-2-Pentanone
 Concen: 314.705 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

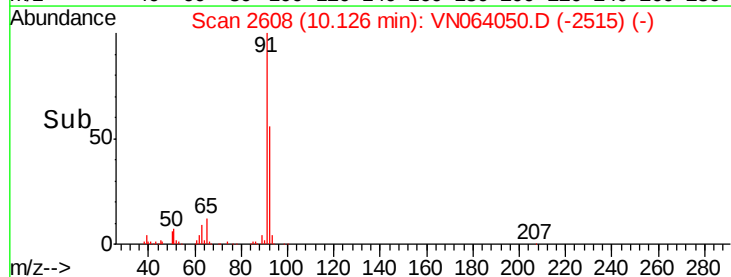
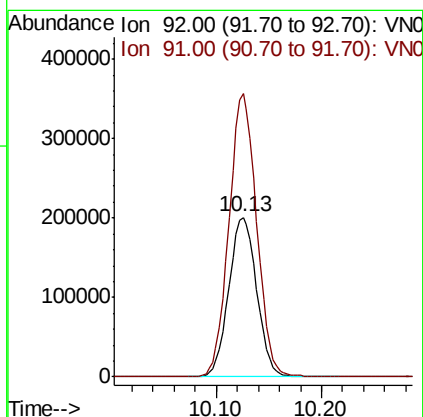
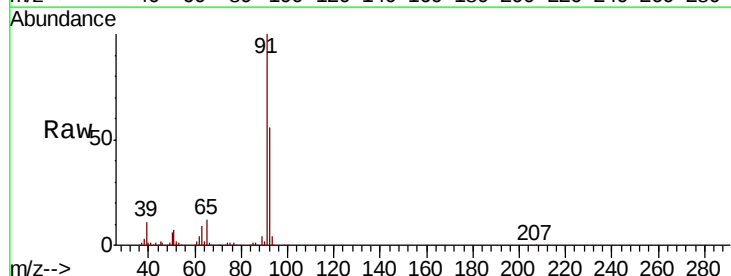
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

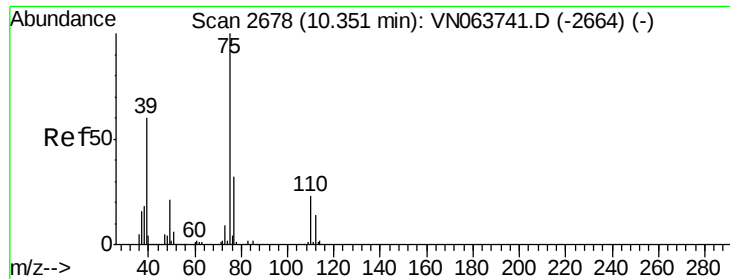
Tot Ion: 43 Resp: 1193736
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.4 42.6



#52
 Toluene
 Concen: 52.905 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion: 92 Resp: 368660
 Ion Ratio Lower Upper
 92 100
 91 175.3 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 52.868 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

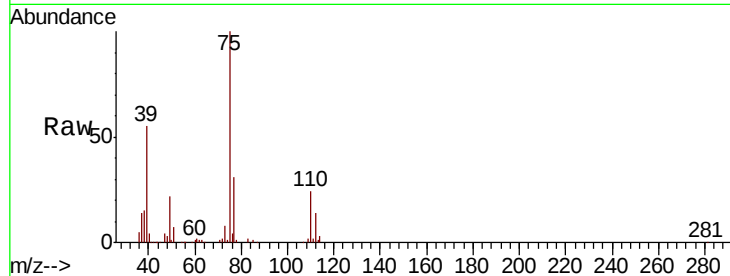
BFB

Tot Ion: 75 Resp: 245141

Ion Ratio Lower Upper

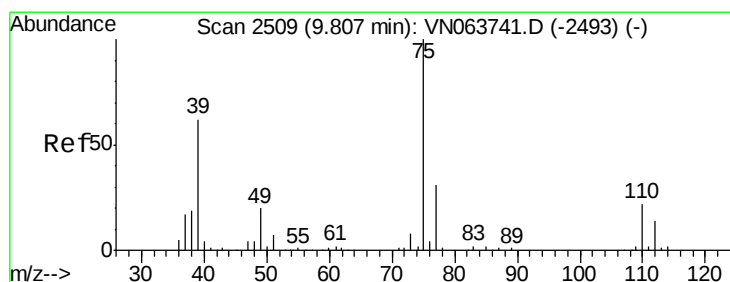
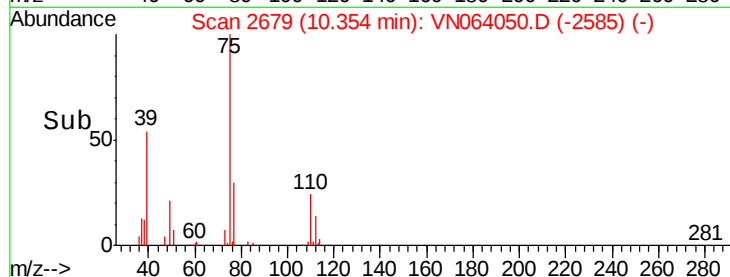
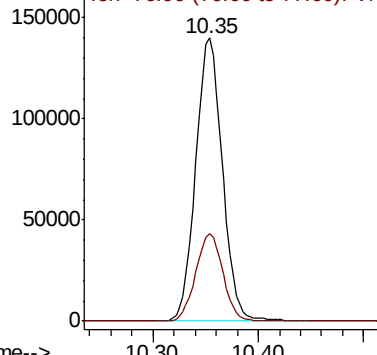
75 100

77 30.7 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 53.196 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

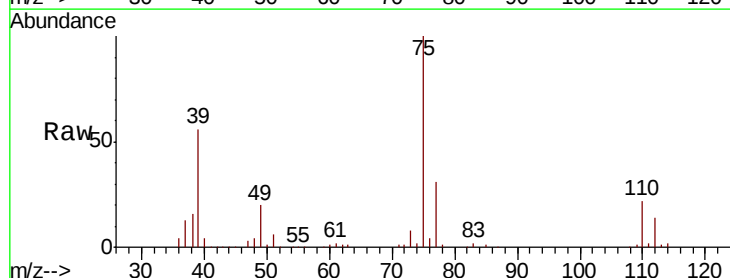
Tgt Ion: 75 Resp: 257967

Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8

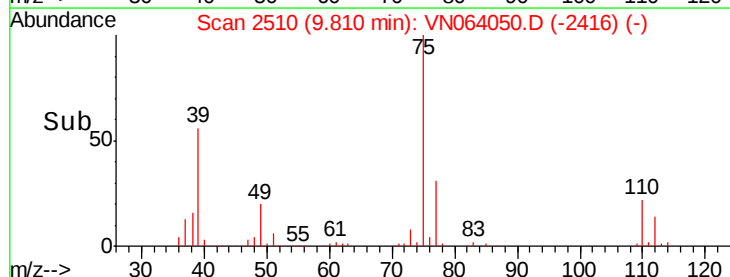
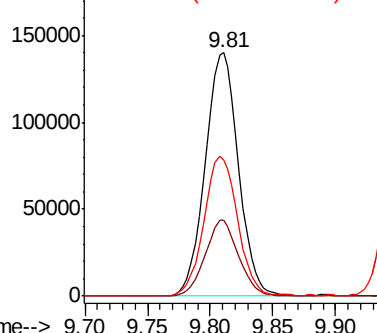
39 55.8 49.7 74.5

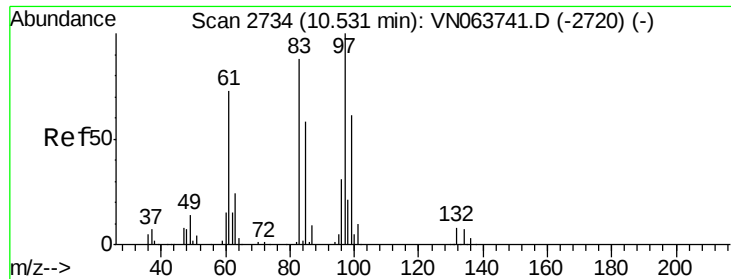


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



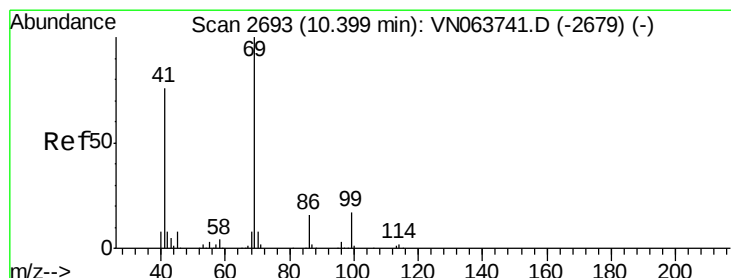
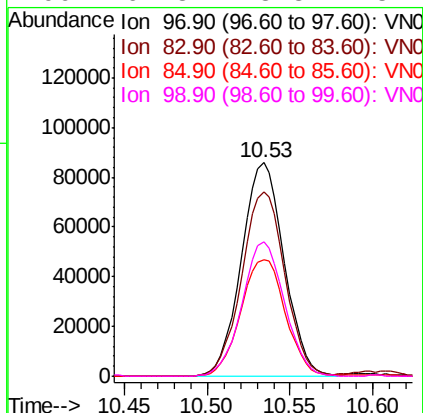
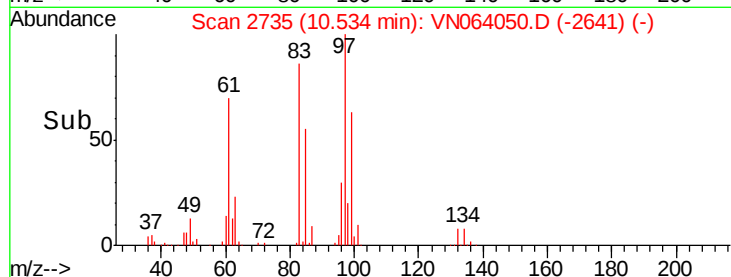
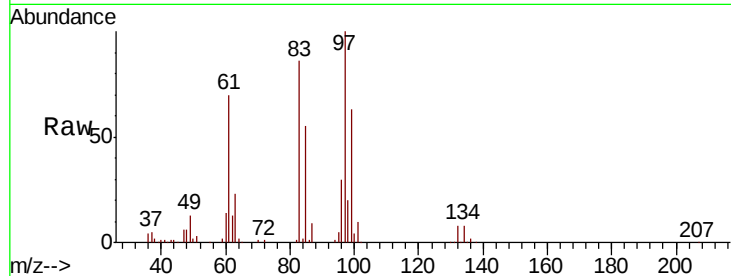


#55
 1,1,2-Trichloroethane
 Concen: 54.962 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

Tot Ion: 97 Resp: 153593

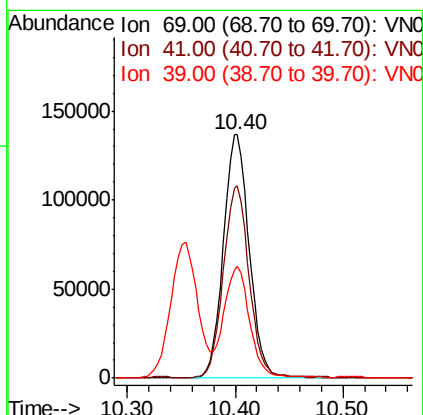
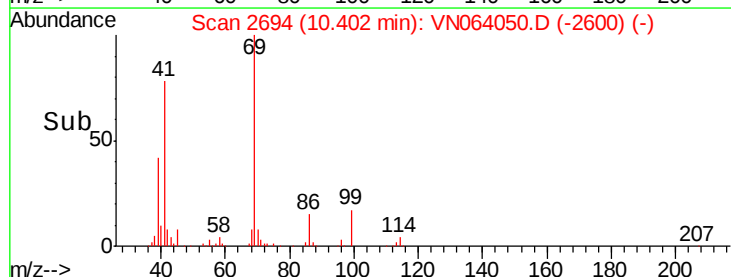
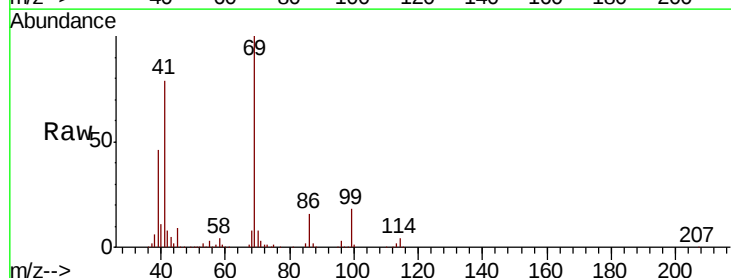
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.7	106.1
85	54.7	46.1	69.1
99	62.8	48.8	73.2

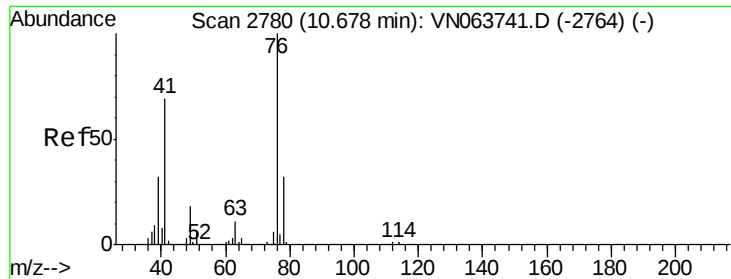


#56
 Ethyl methacrylate
 Concen: 57.656 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion: 69 Resp: 228381

Ion	Ratio	Lower	Upper
69	100		
41	77.6	61.1	91.7
39	45.0	42.2	63.4

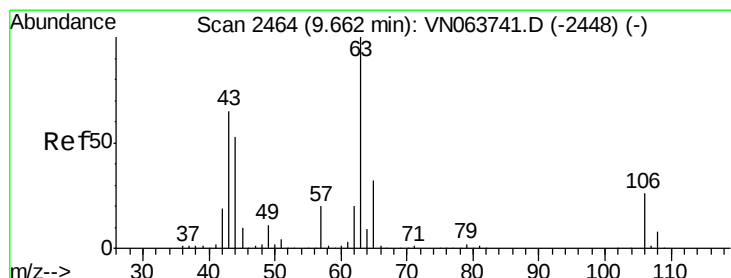
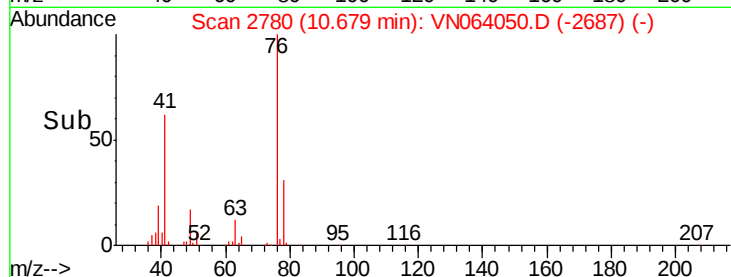
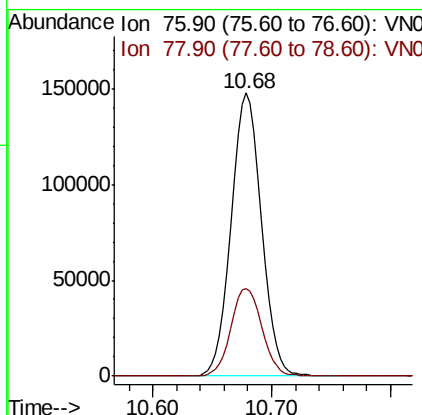
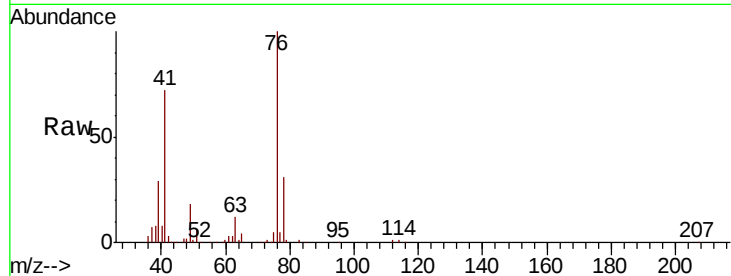




#57
 1,3-Dichloropropane
 Concen: 55.192 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

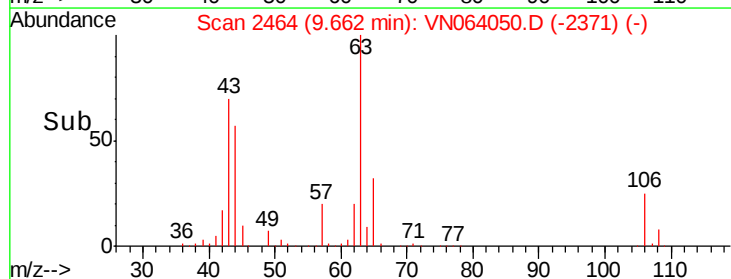
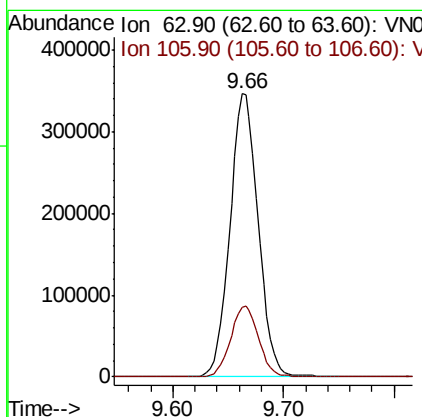
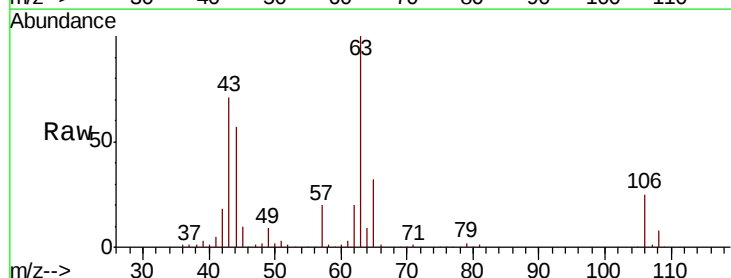
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

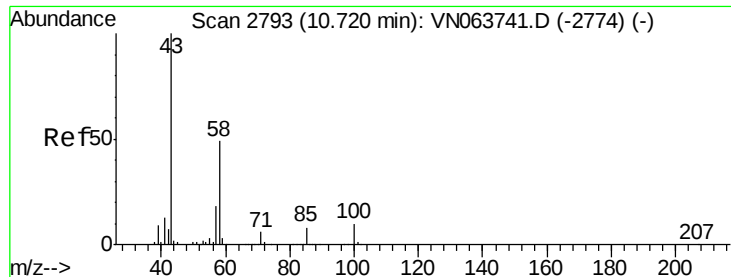
Tot Ion: 76 Resp: 260941
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 289.904 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion: 63 Resp: 614263
 Ion Ratio Lower Upper
 63 100
 106 24.8 20.7 31.1

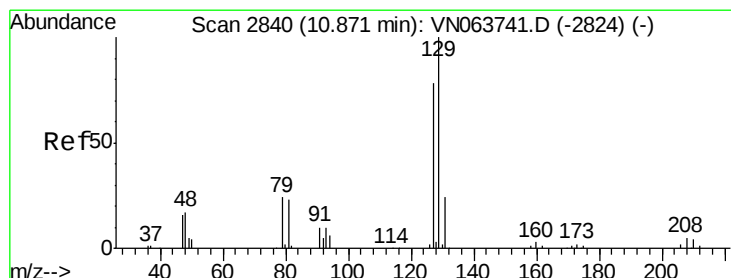
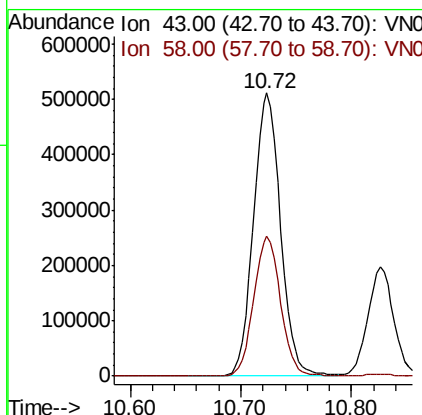
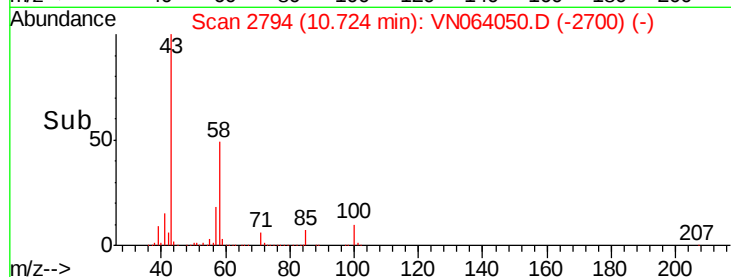
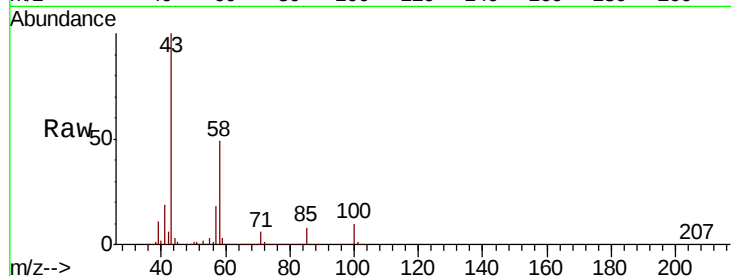




#59
2-Hexanone
Concen: 308.412 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

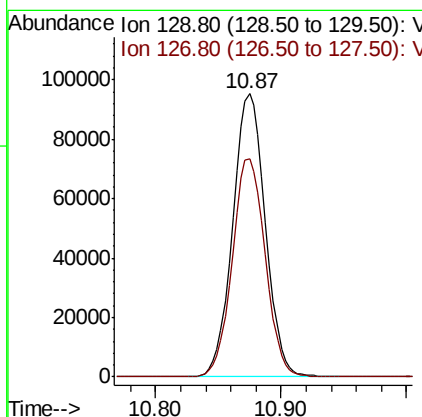
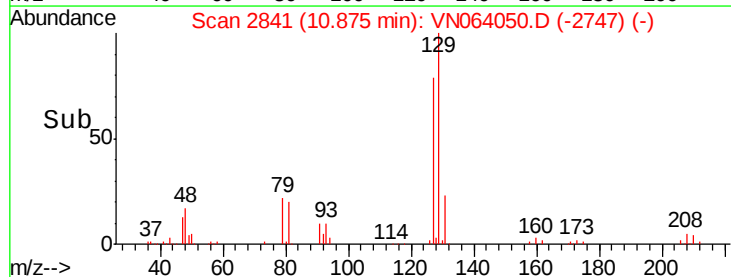
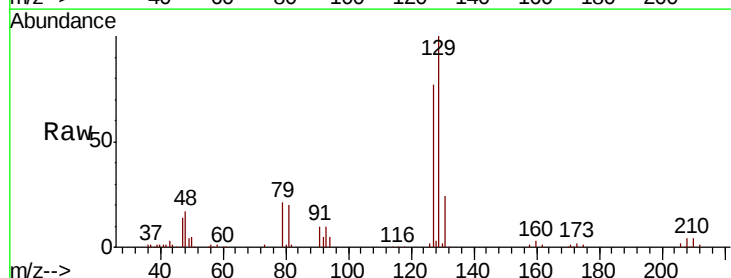
Instrument :
MSVOA_N
ClientSampled :
BFB

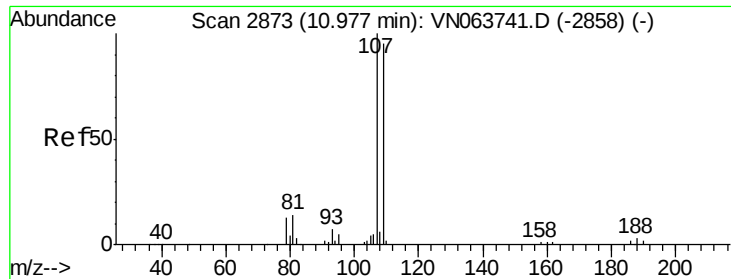
Tot Ion: 43 Resp: 869048
Ion Ratio Lower Upper
43 100
58 49.1 24.6 73.8



#60
Dibromochloromethane
Concen: 52.731 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion: 129 Resp: 171611
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.7

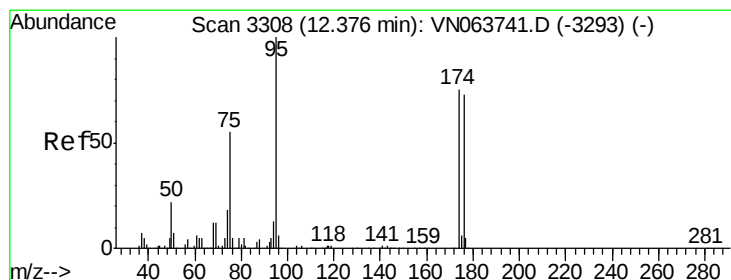
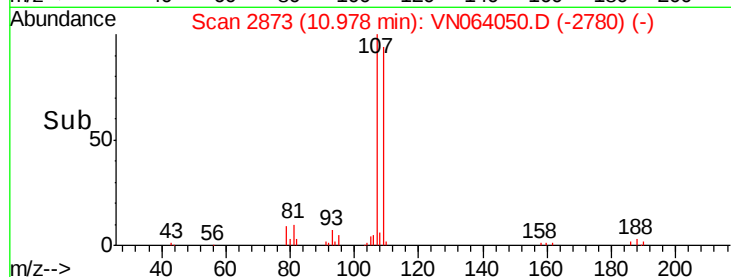
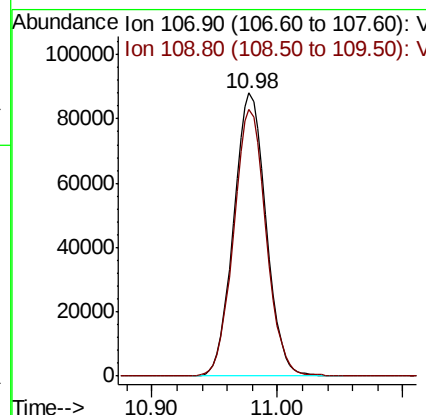
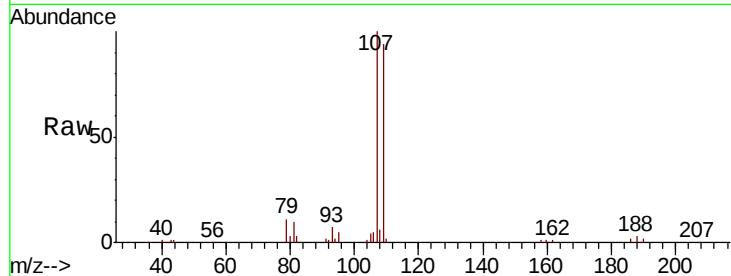




#61
 1,2-Dibromoethane
 Concen: 55.151 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

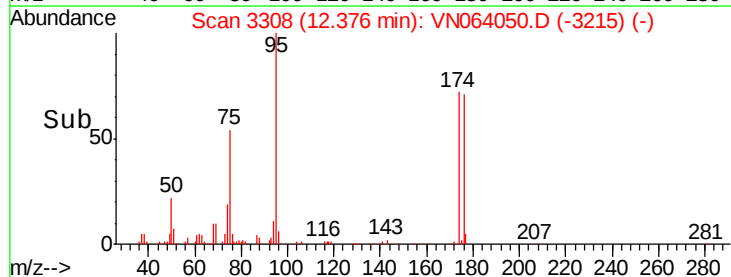
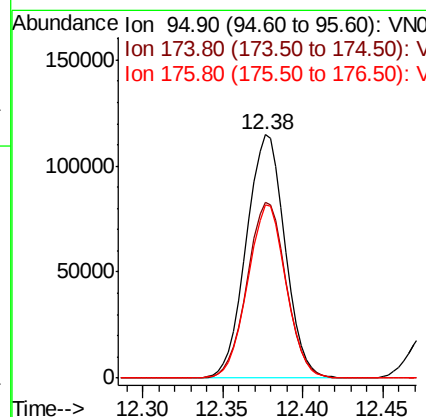
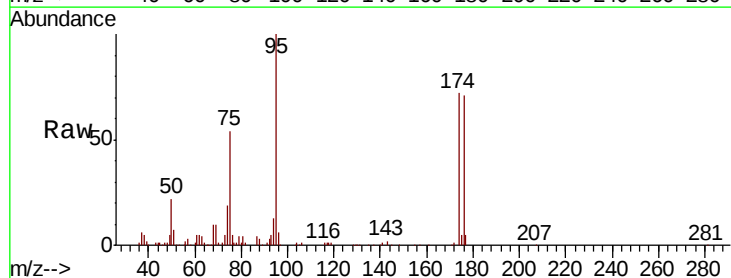
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

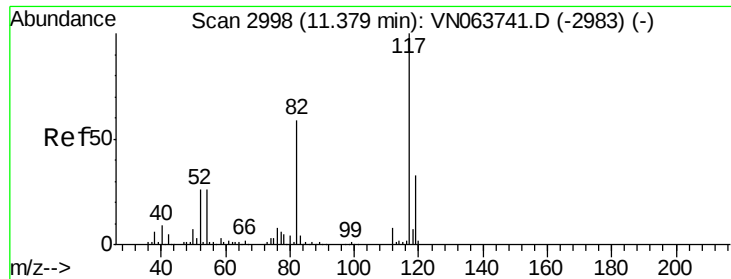
Tot Ion:107 Resp: 157654
 Ion Ratio Lower Upper
 107 100
 109 94.4 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 49.206 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion: 95 Resp: 189427
 Ion Ratio Lower Upper
 95 100
 174 72.7 0.0 150.6
 176 70.8 0.0 145.4

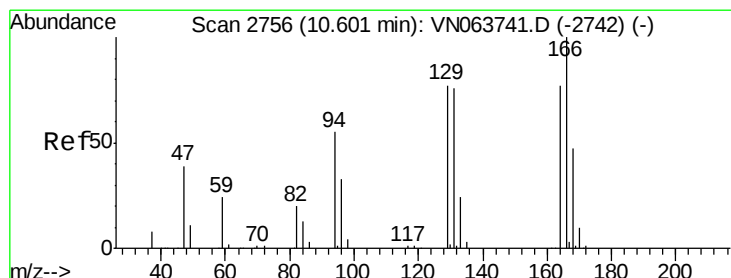
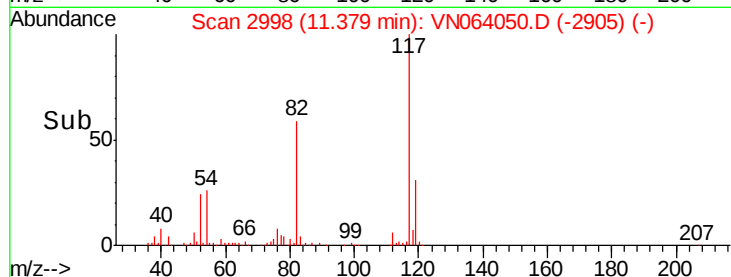
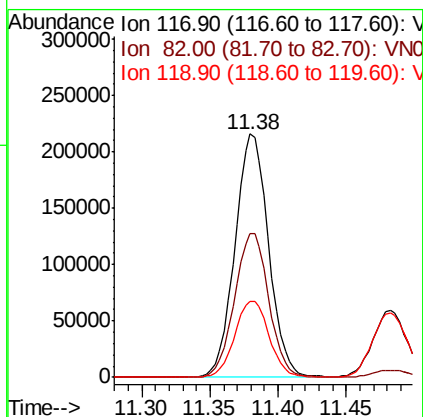
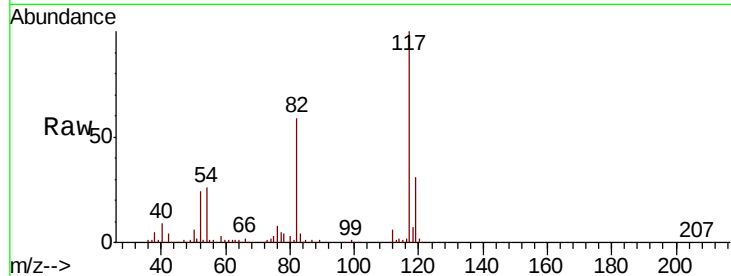




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

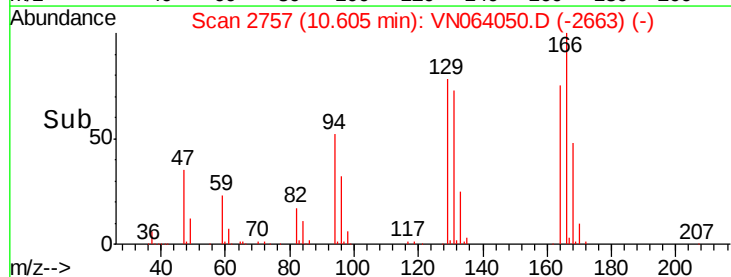
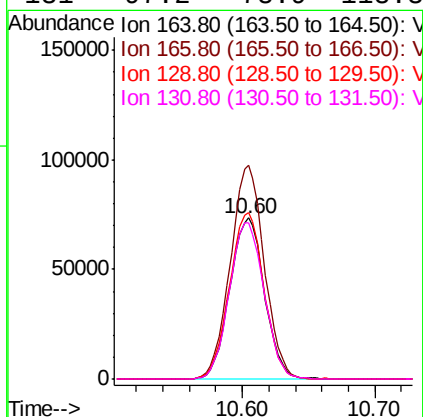
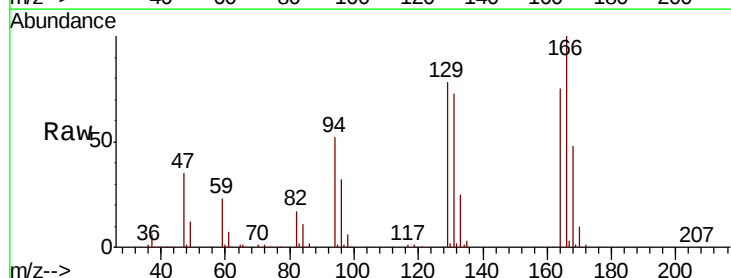
Instrument :
MSVOA_N
ClientSampled :
BFB

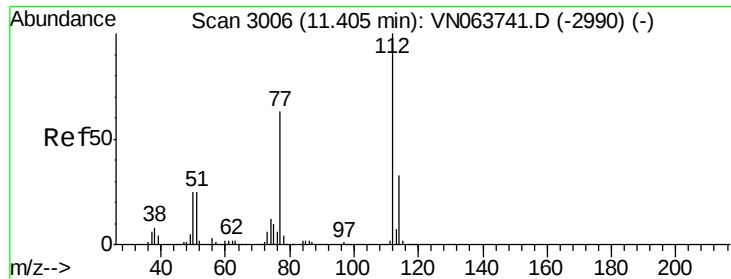
Tot Ion:117 Resp: 369265
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 31.4 26.4 39.6



#64
Tetrachloroethene
Concen: 46.524 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion:164 Resp: 132915
Ion Ratio Lower Upper
164 100
166 132.6 103.9 155.9
129 103.6 80.3 120.5
131 97.2 78.9 118.3

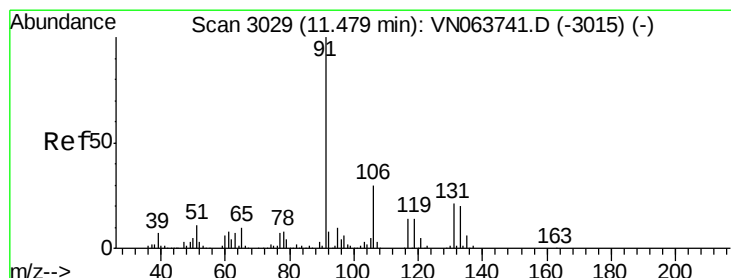
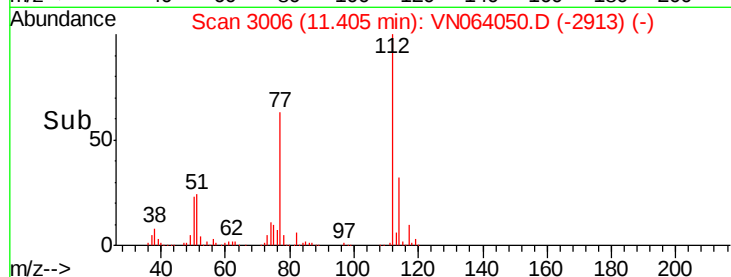
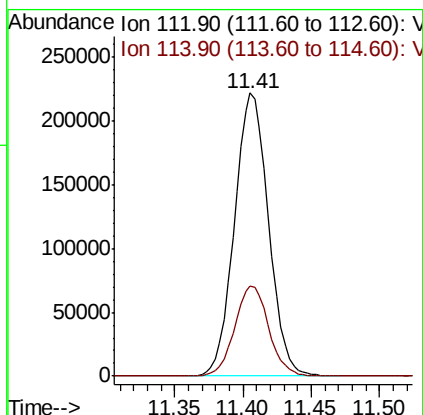
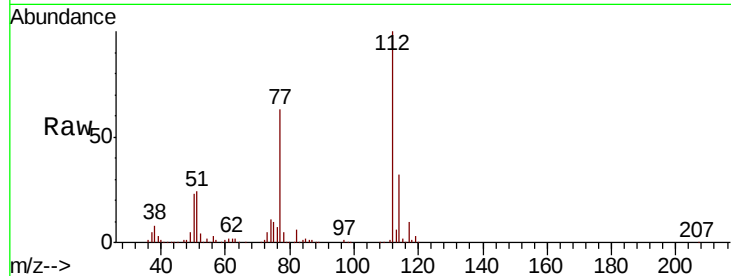




#65
Chlorobenzene
Concen: 50.801 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

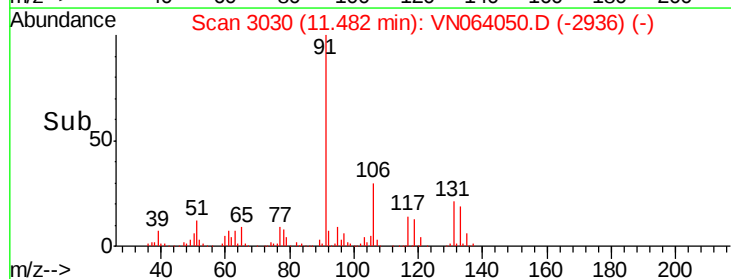
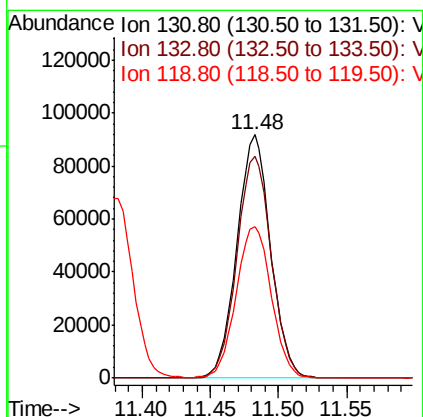
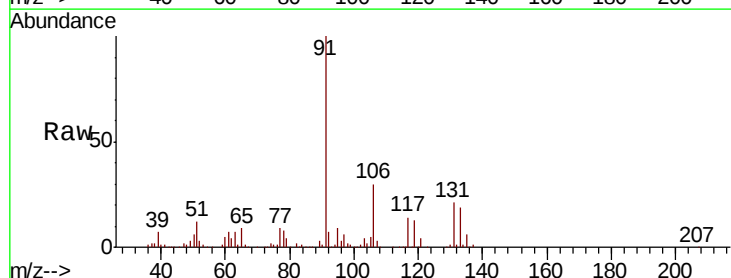
Instrument :
MSVOA_N
ClientSampled :
BFB

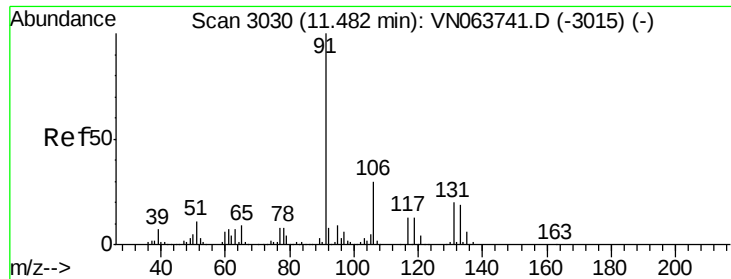
Tot Ion:112 Resp: 384807
Ion Ratio Lower Upper
112 100
114 31.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 53.971 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion:131 Resp: 156730
Ion Ratio Lower Upper
131 100
133 93.9 47.3 141.8
119 65.3 32.6 97.7

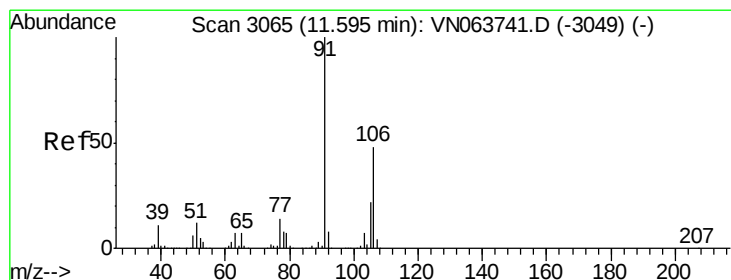
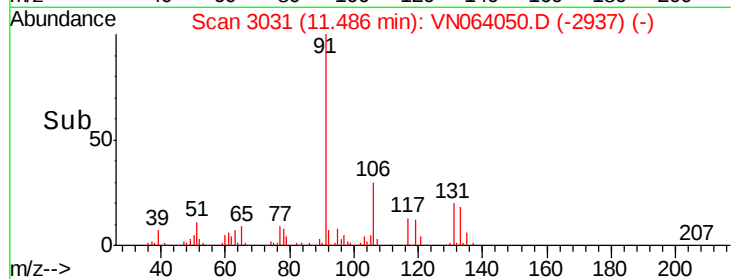
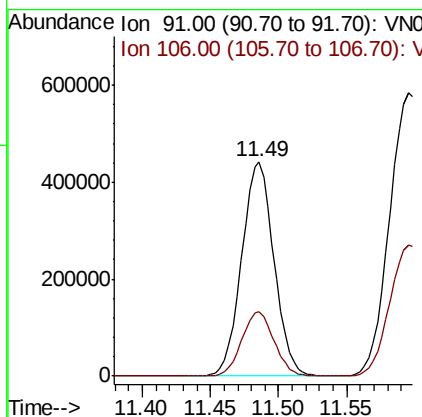
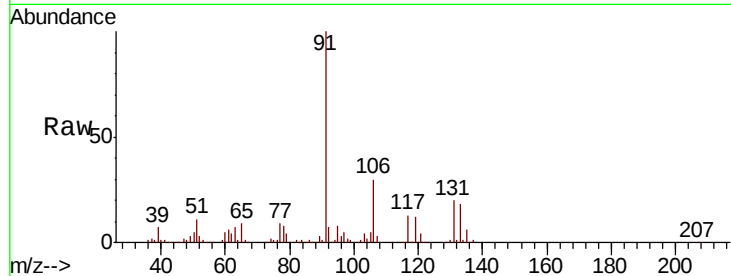




#67
Ethyl Benzene
Concen: 52.628 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

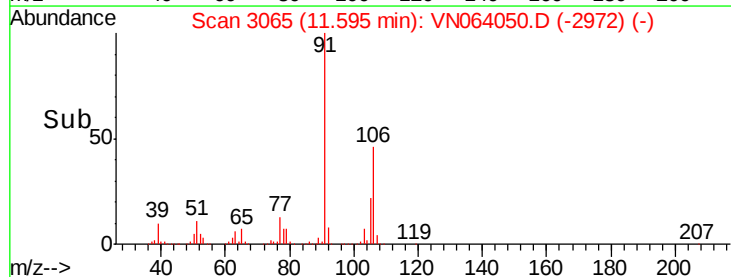
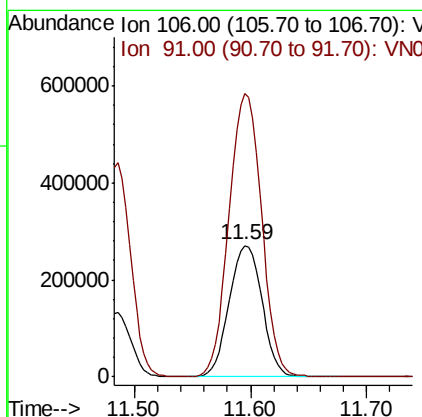
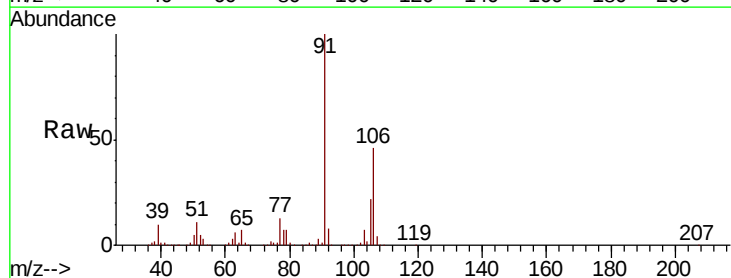
Instrument :
MSVOA_N
ClientSampled :
BFB

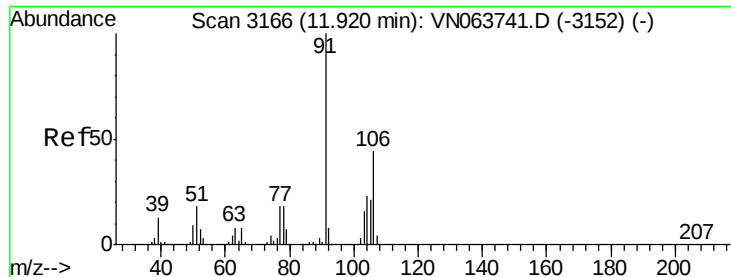
Tot Ion: 91 Resp: 725386
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2



#68
m/p-Xylenes
Concen: 103.080 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion: 106 Resp: 529526
Ion Ratio Lower Upper
106 100
91 214.2 168.0 252.0

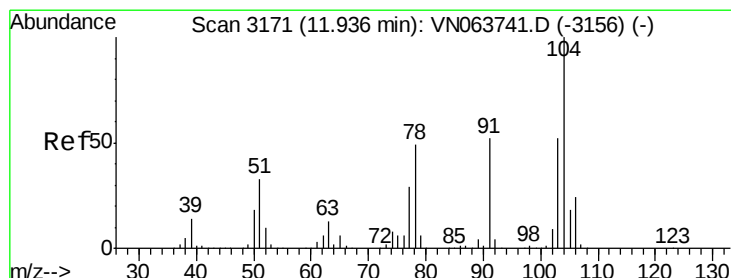
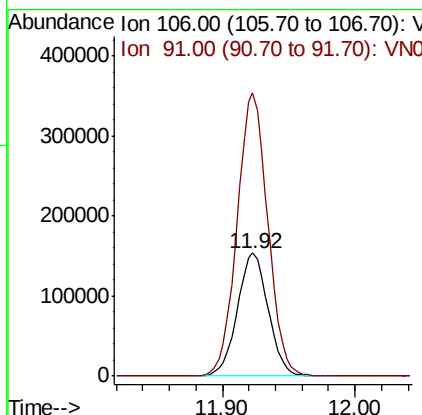
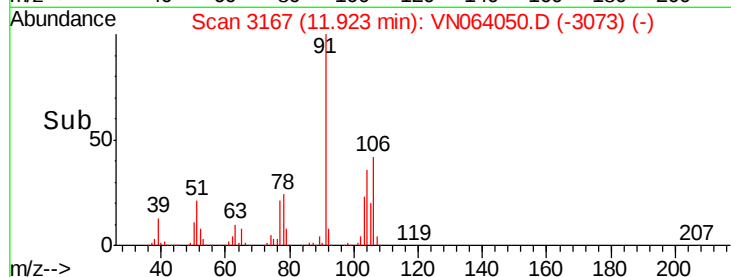
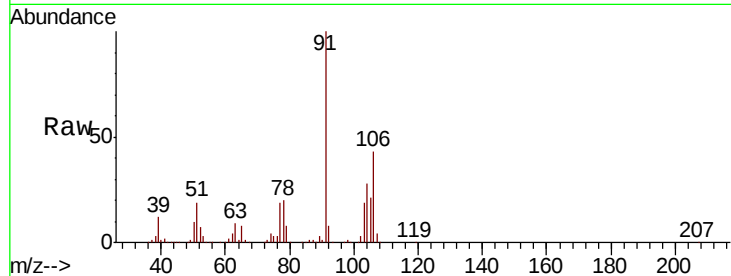




#69
o-Xylene
Concen: 51.593 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

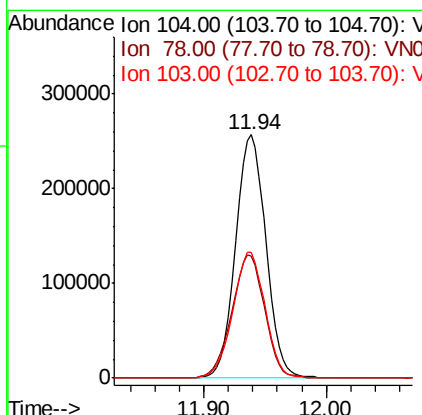
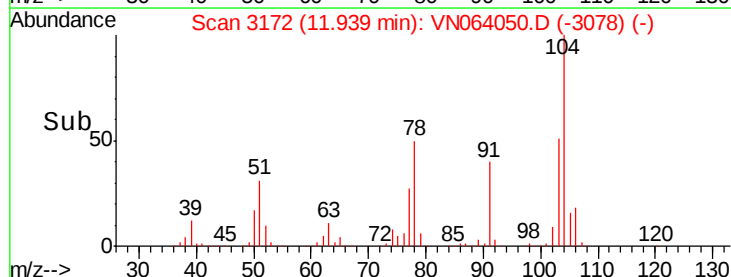
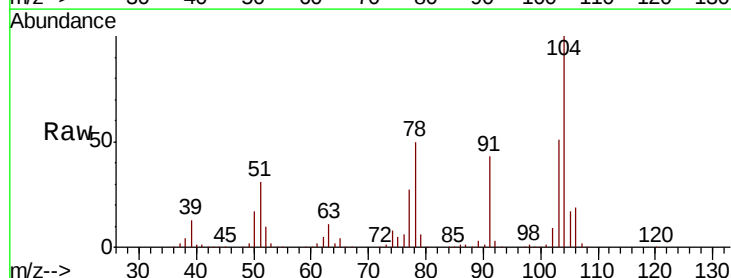
Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion:106 Resp: 247721
Ion Ratio Lower Upper
106 100
91 229.6 112.7 338.0



#70
Styrene
Concen: 54.200 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion:104 Resp: 441741
Ion Ratio Lower Upper
104 100
78 55.2 44.1 66.1
103 55.0 44.3 66.5





#71

Bromoform

Concen: 53.269 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

BFB

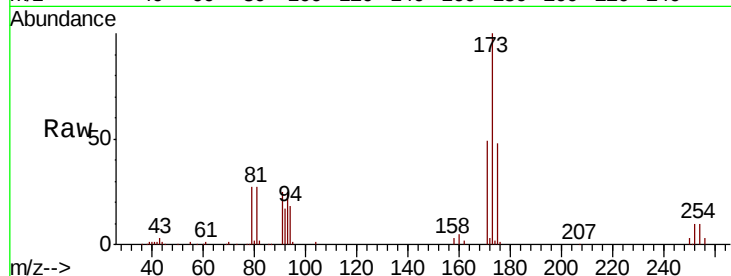
Tot Ion:173 Resp: 118309

Ion Ratio Lower Upper

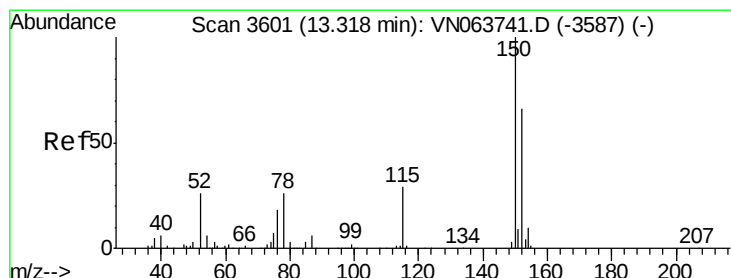
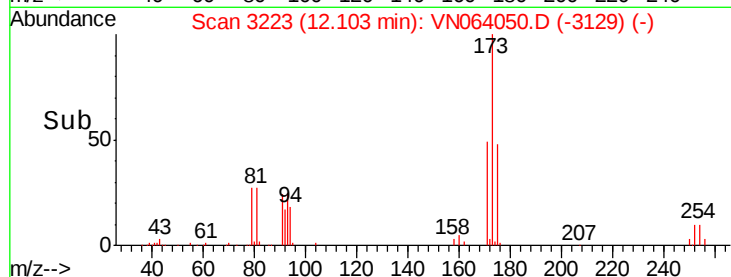
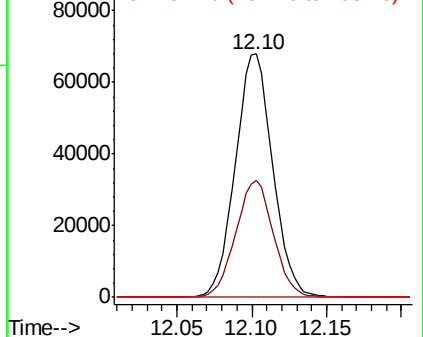
173 100

175 48.4 23.5 70.5

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

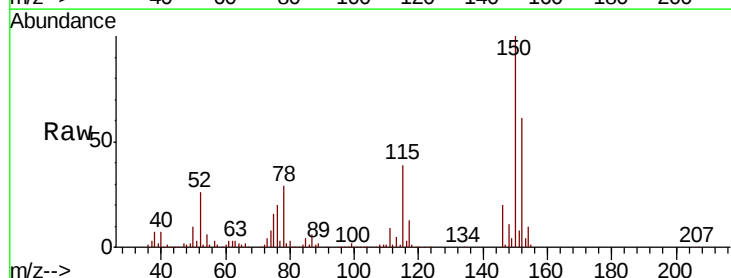
Tgt Ion:152 Resp: 174137

Ion Ratio Lower Upper

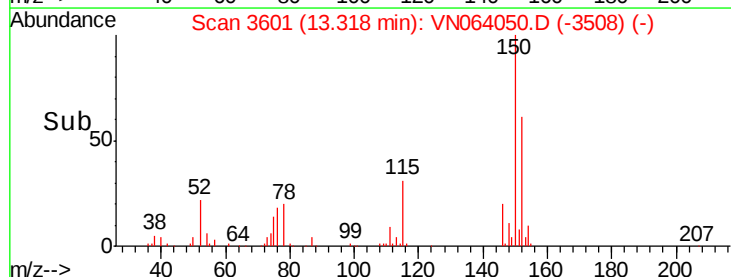
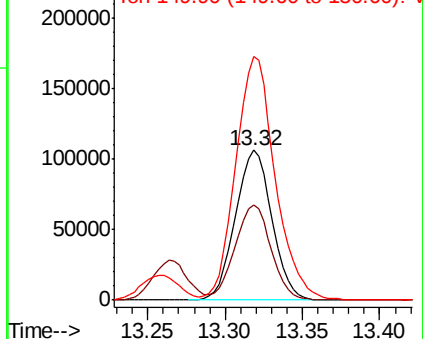
152 100

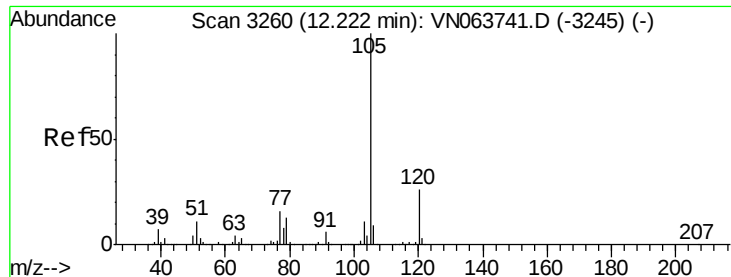
115 63.2 31.3 93.8

150 175.8 0.0 341.8



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

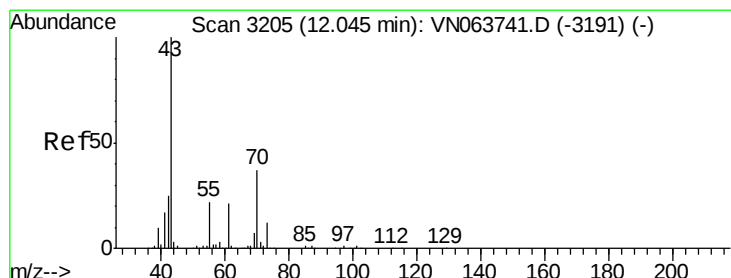
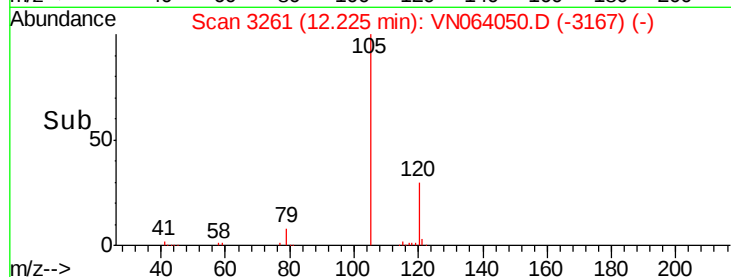
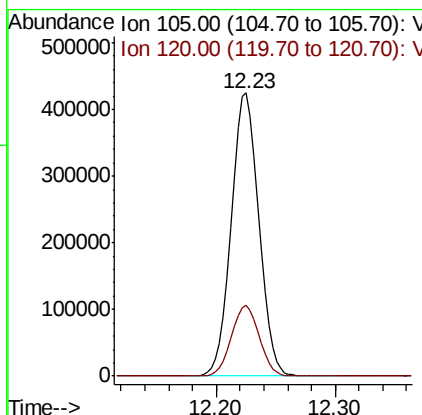
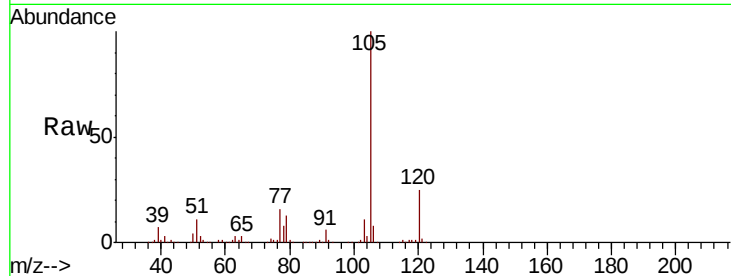




#73
Isopropylbenzene
Concen: 53.753 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

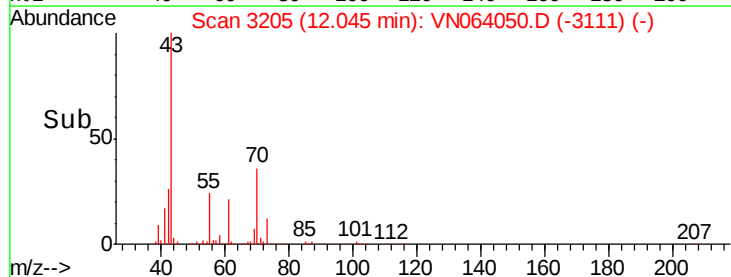
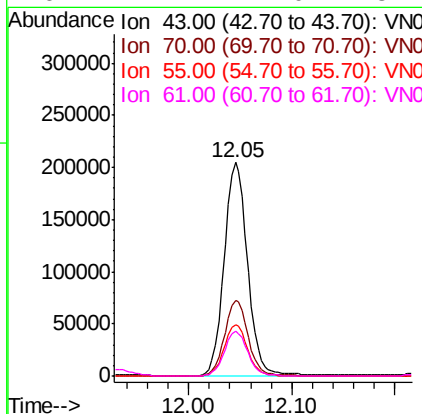
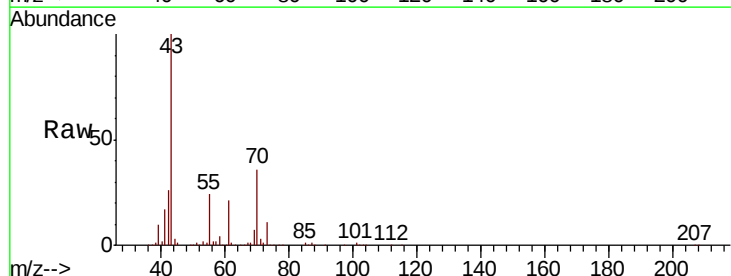
Instrument :
MSVOA_N
ClientSampled :
BFB

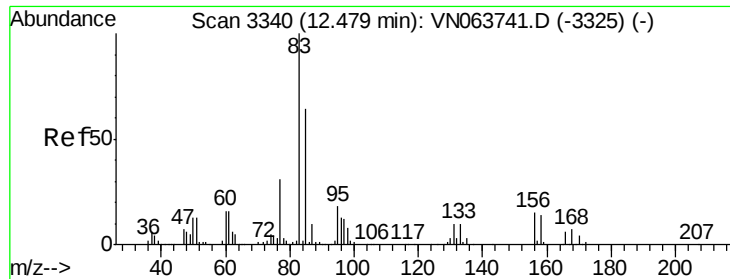
Tot Ion:105 Resp: 682736
Ion Ratio Lower Upper
105 100
120 25.2 12.6 37.8



#74
N-ethyl acetate
Concen: 54.780 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion: 43 Resp: 324698
Ion Ratio Lower Upper
43 100
70 35.8 29.8 44.8
55 24.0 17.9 26.9
61 21.1 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 56.664 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

BFB

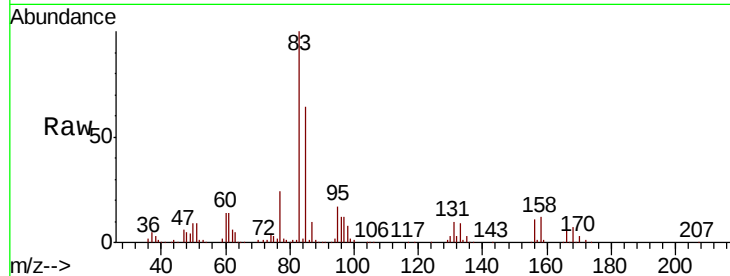
Tot Ion: 83 Resp: 220082

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

85 64.8 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063741.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063741.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063741.D (-3325) (-)

12.48

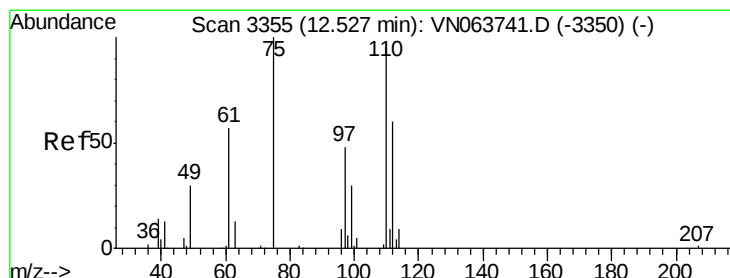
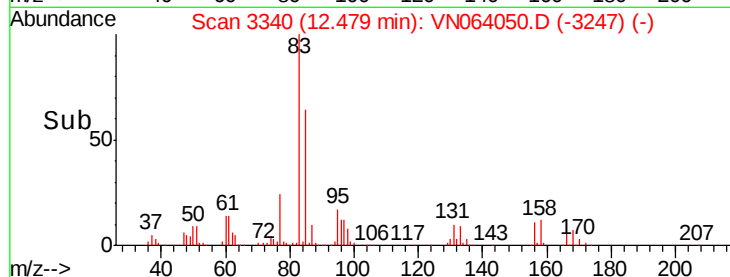
150000

100000

50000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 78.363 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064050.D

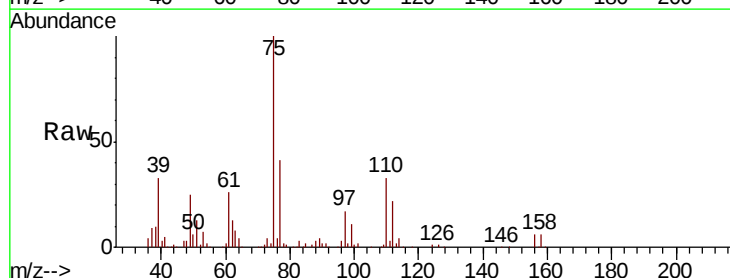
Acq: 9 Oct 2020 20:49

Tgt Ion: 75 Resp: 300810

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063741.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN063741.D (-3350) (-)

12.53

200000

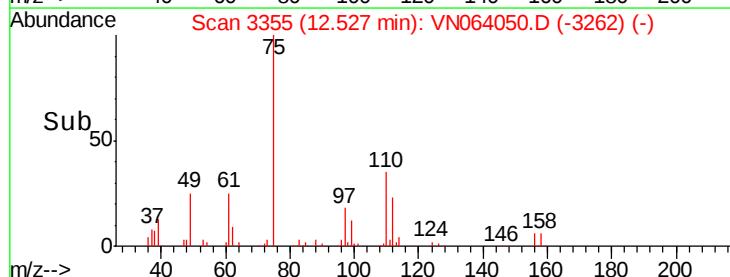
150000

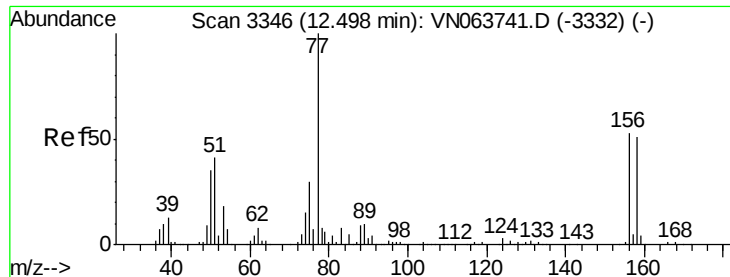
100000

50000

0

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 53.085 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

BFB

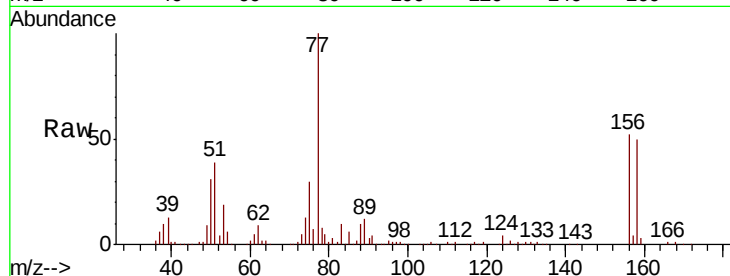
Tot Ion:156 Resp: 165446

Ion Ratio Lower Upper

156 100

77 228.9 110.9 332.7

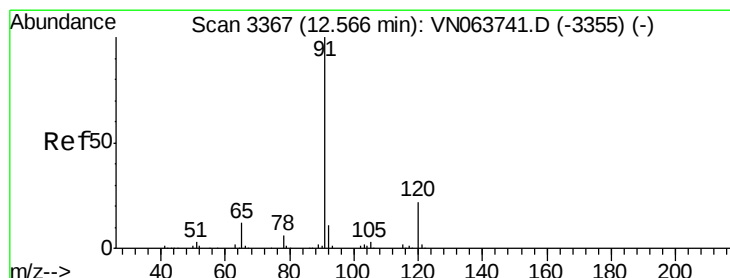
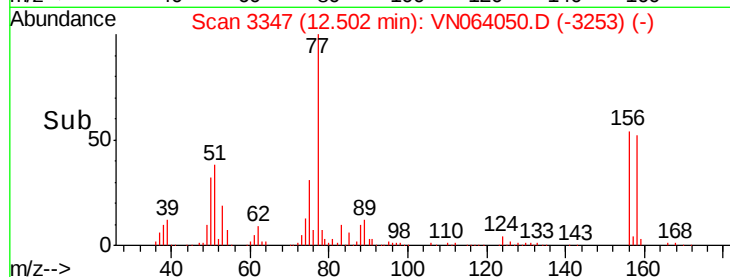
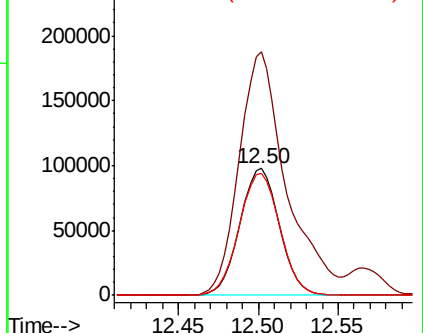
158 99.4 47.7 143.1



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: 53.419 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064050.D

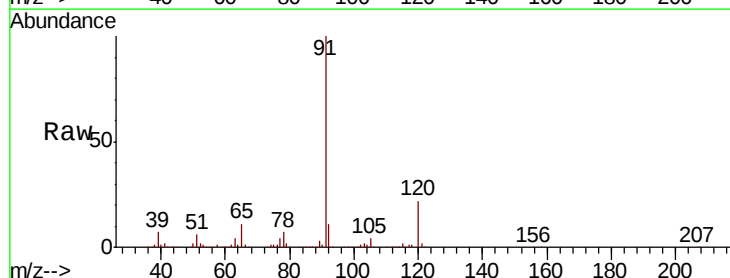
Acq: 9 Oct 2020 20:49

Tgt Ion: 91 Resp: 789634

Ion Ratio Lower Upper

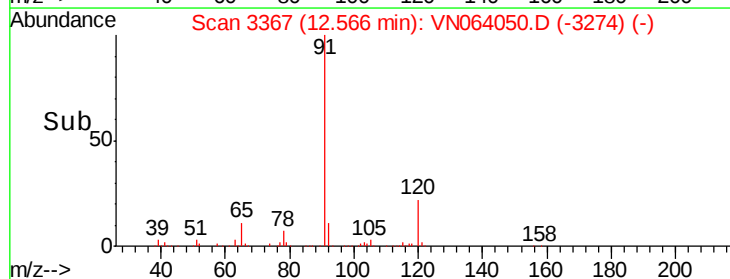
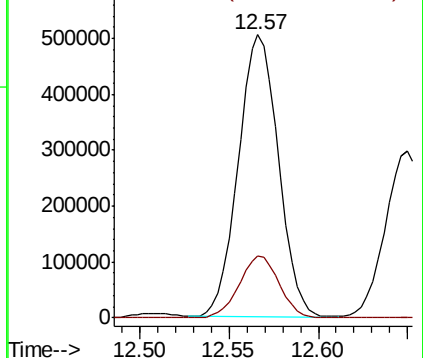
91 100

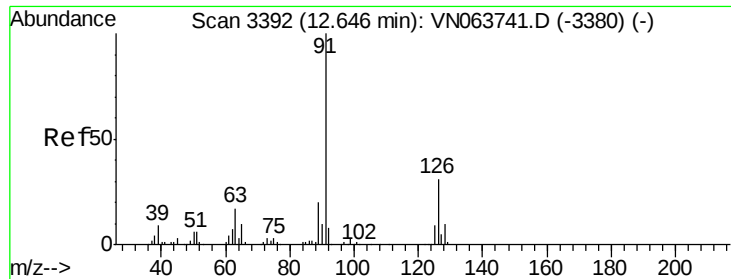
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

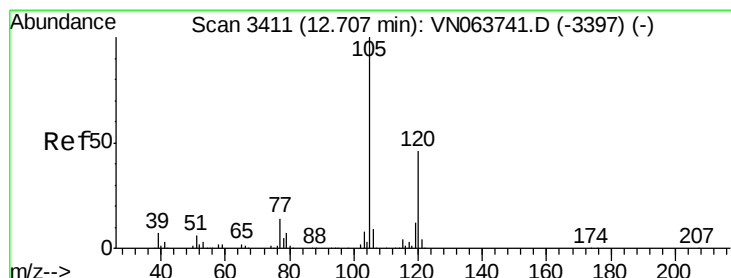
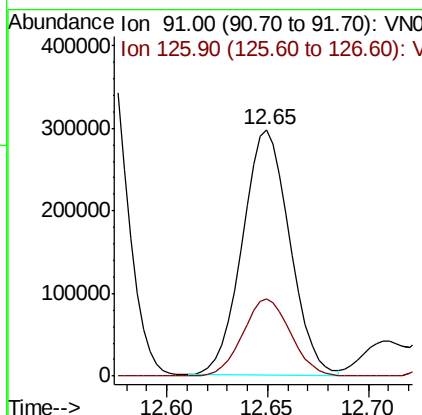
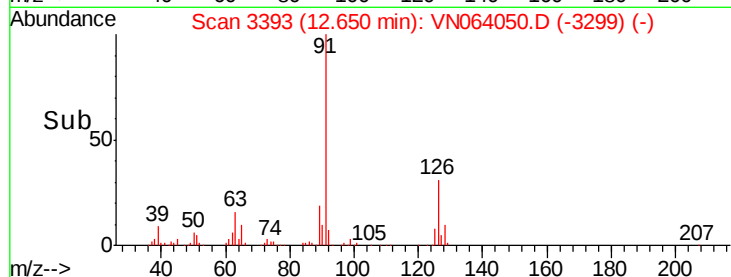
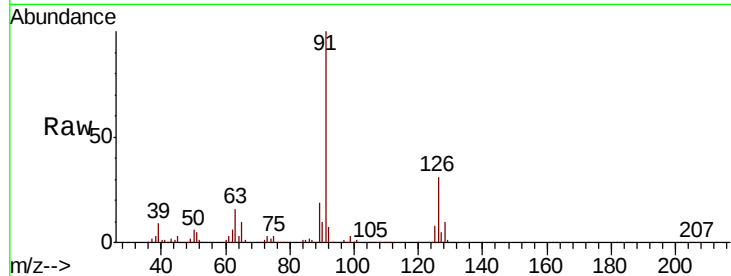




#79
 2-Chlorotoluene
 Concen: 53.665 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

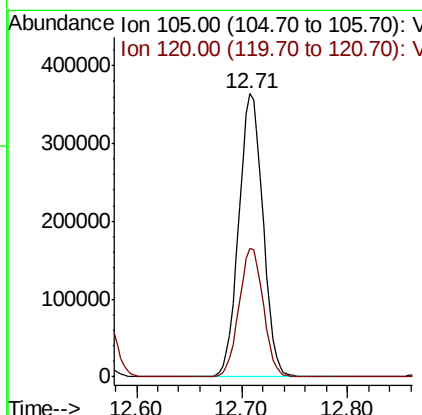
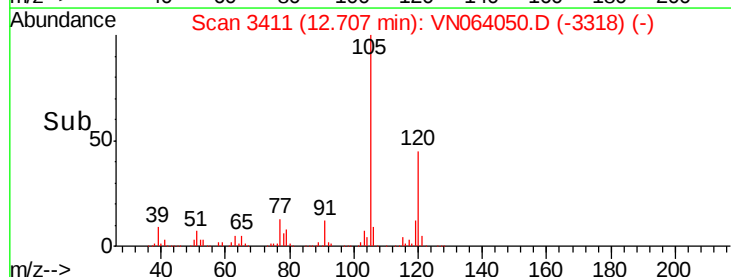
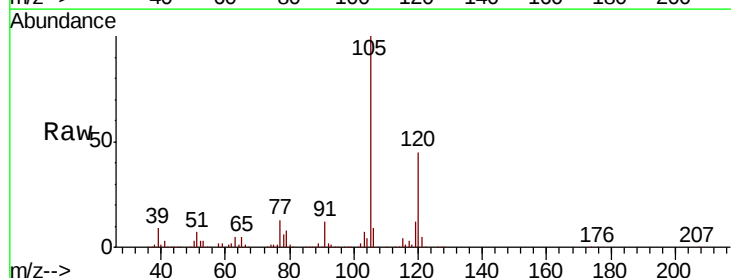
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

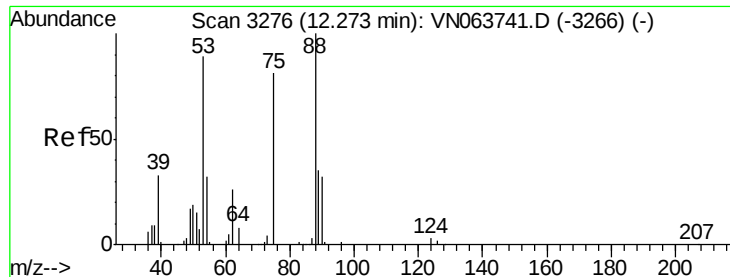
Tot Ion: 91 Resp: 487876
 Ion Ratio Lower Upper
 91 100
 126 32.0 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 54.201 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion: 105 Resp: 577555
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 53.801 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

BFB

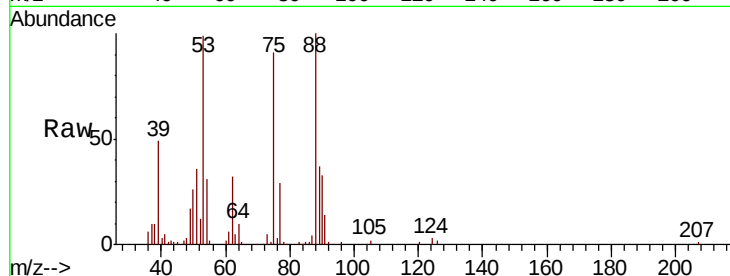
Tot Ion: 75 Resp: 71706

Ion Ratio Lower Upper

75 100

53 113.3 88.2 132.2

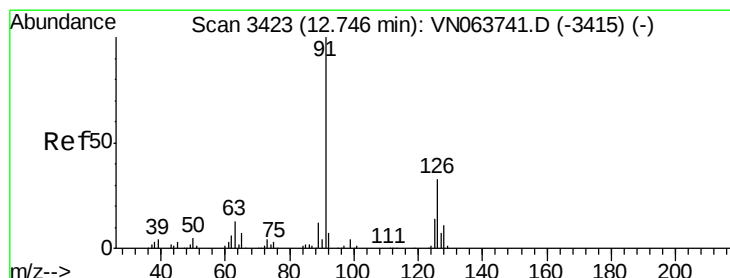
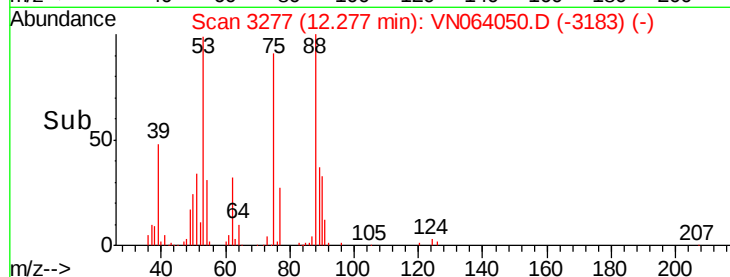
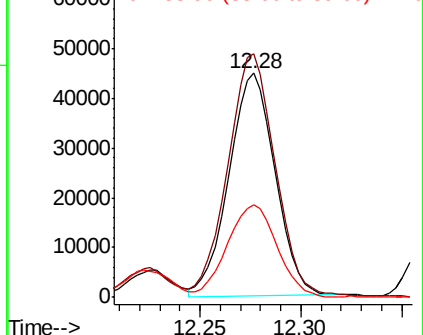
89 44.0 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN063741.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN063741.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN063741.D (-3266) (-)



#82

4-Chlorotoluene

Concen: 54.764 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN064050.D

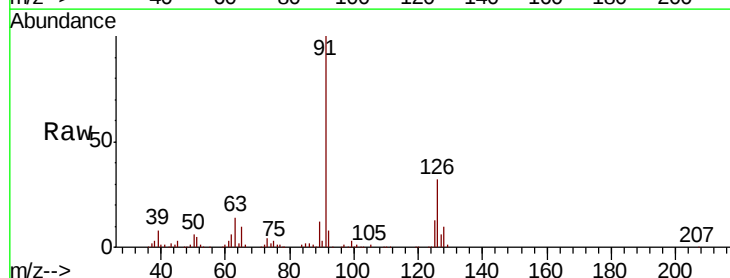
Acq: 9 Oct 2020 20:49

Tgt Ion: 91 Resp: 516841

Ion Ratio Lower Upper

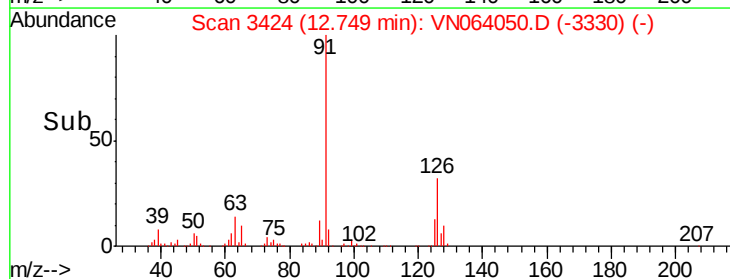
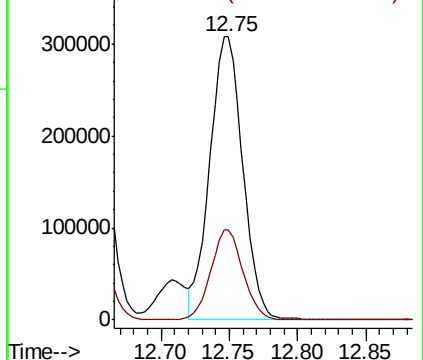
91 100

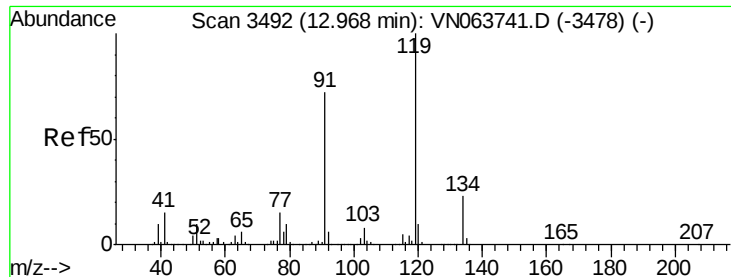
126 30.8 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3415) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3415) (-)

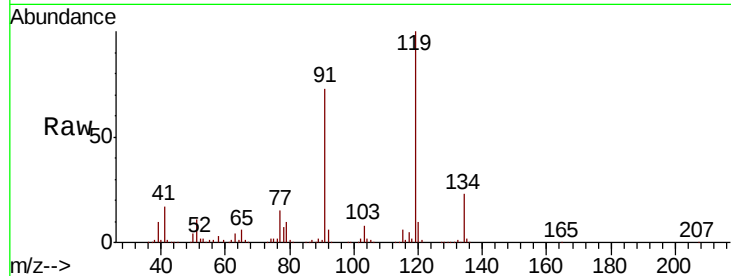




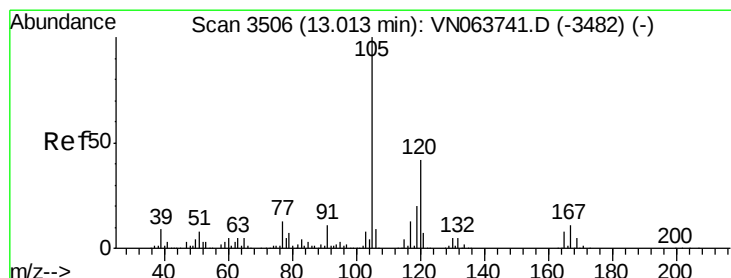
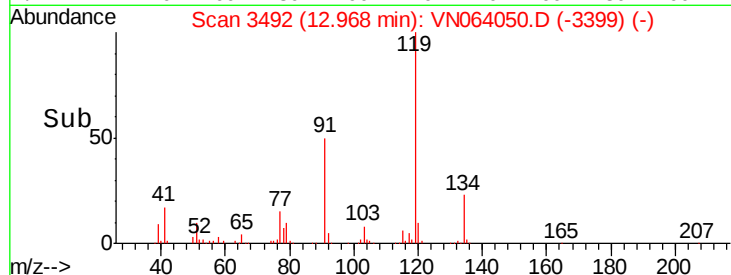
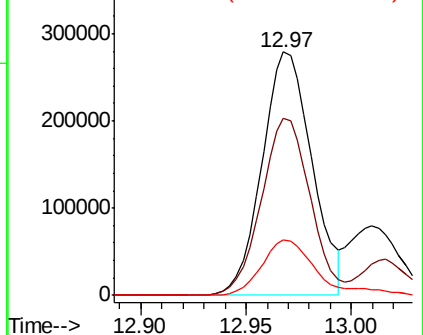
#83
tert-Butylbenzene
Concen: 52.724 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion:119 Resp: 459552
Ion Ratio Lower Upper
119 100
91 71.1 35.5 106.5
134 25.2 11.7 35.1

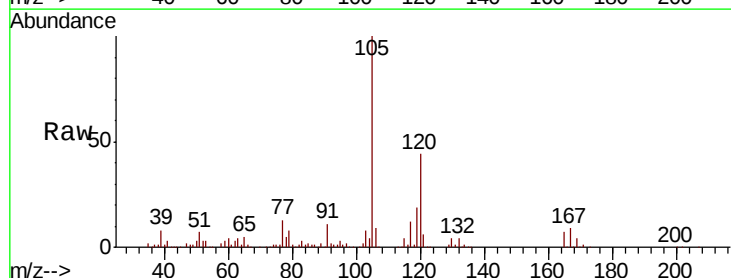


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

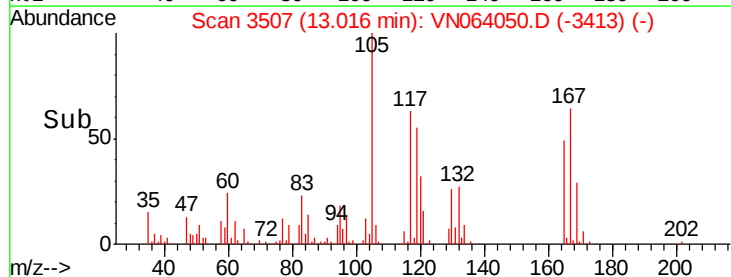
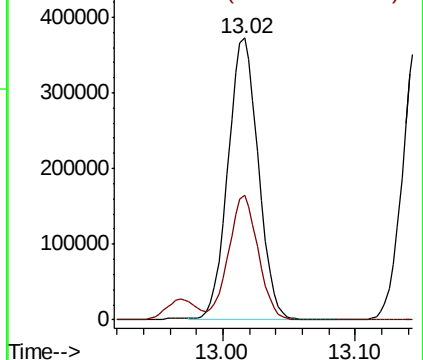


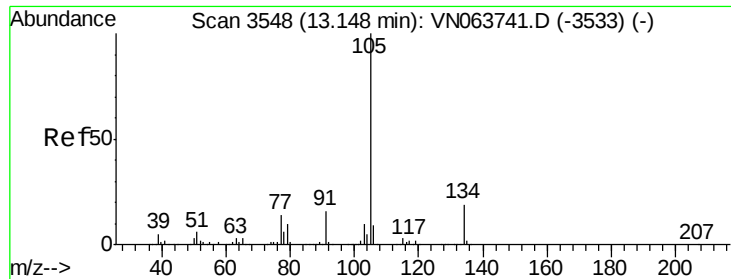
#84
1,2,4-Trimethylbenzene
Concen: 55.459 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion:105 Resp: 590016
Ion Ratio Lower Upper
105 100
120 43.4 20.9 62.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

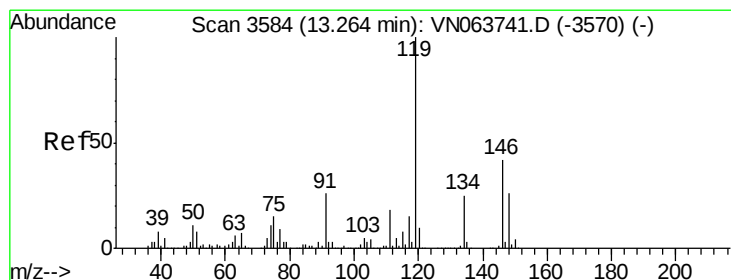
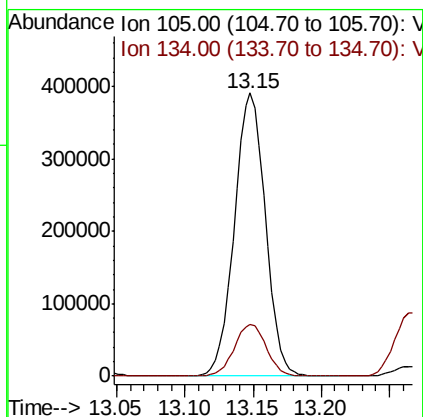
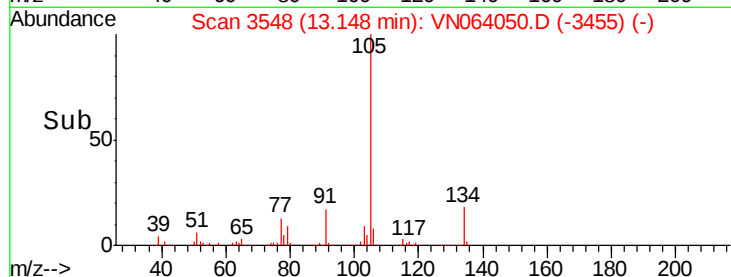
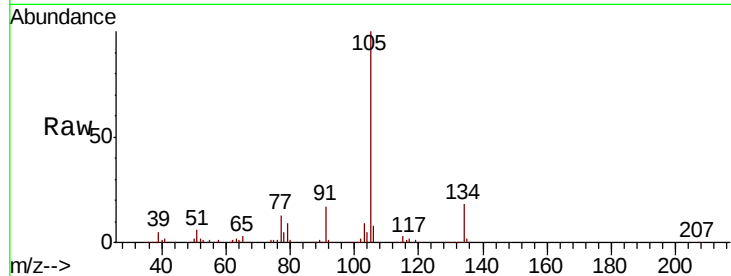




#85
 sec-Butylbenzene
 Concen: 53.632 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

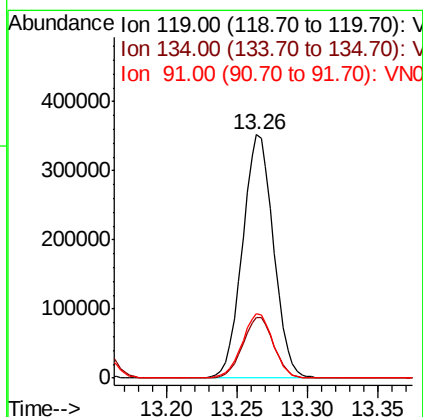
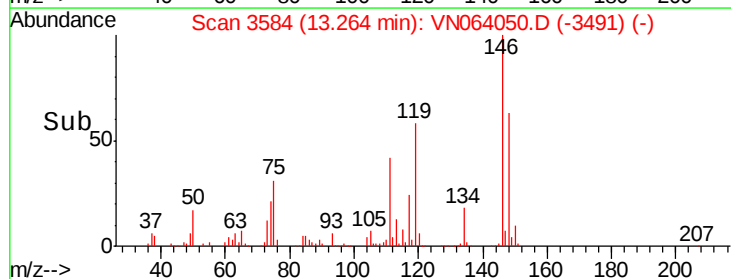
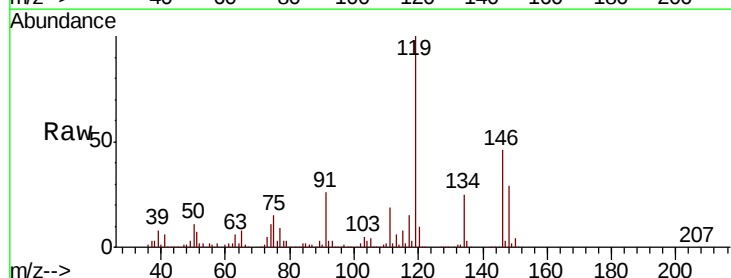
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

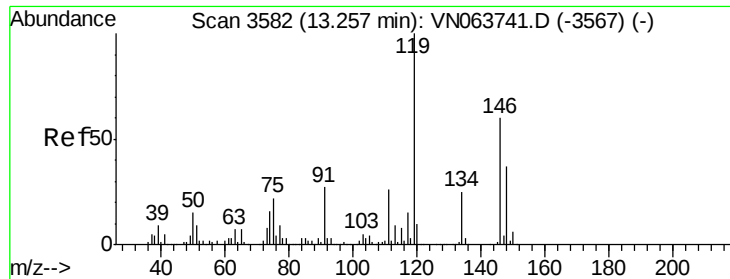
Tot Ion:105 Resp: 613993
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 53.528 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion:119 Resp: 542115
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 26.3 13.4 40.2

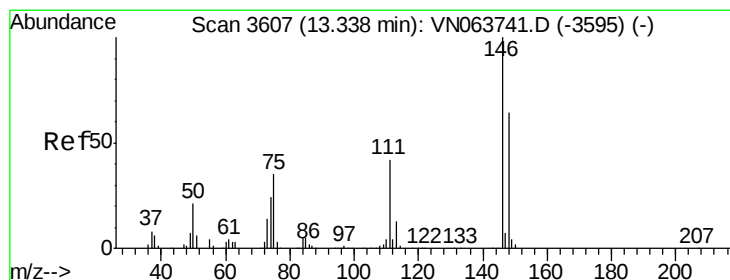
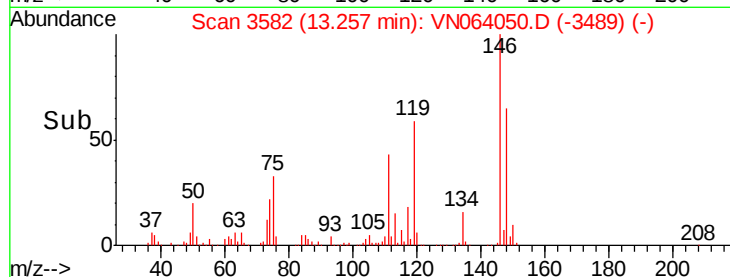
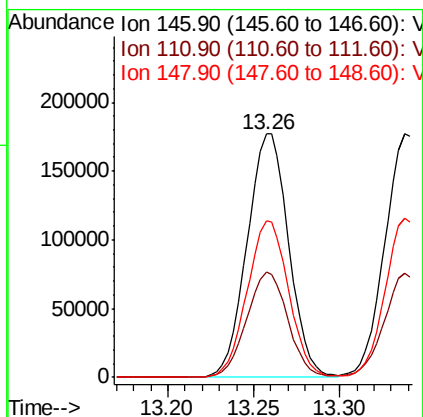
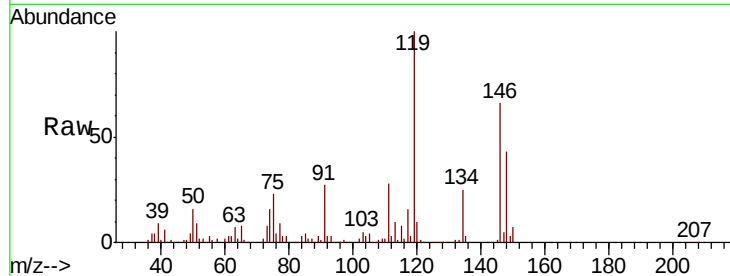




#87
 1,3-Dichlorobenzene
 Concen: 52.602 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

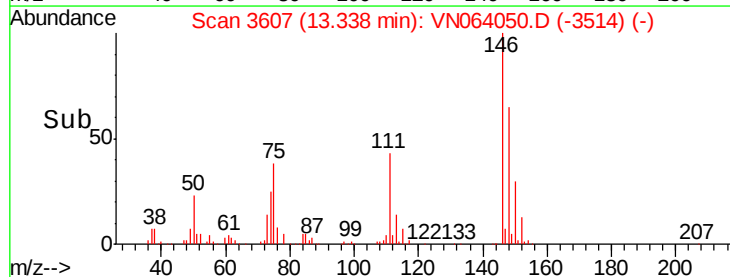
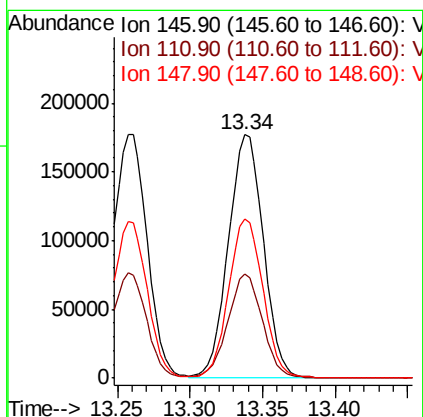
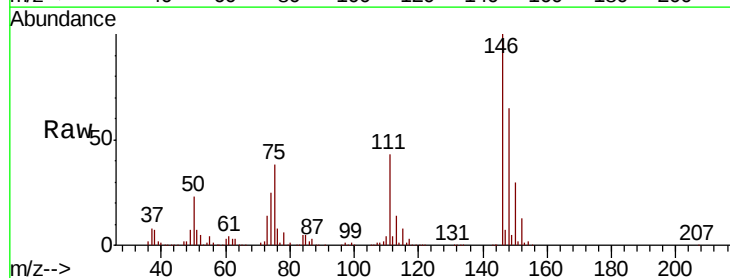
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

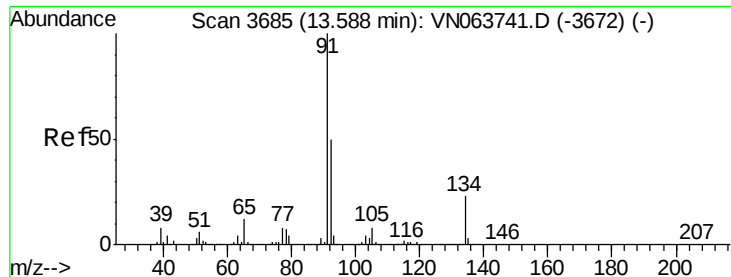
Tot Ion:146 Resp: 296588
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.5 64.5
 148 64.0 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 50.484 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion:146 Resp: 296380
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.3 63.7
 148 64.0 32.0 96.0

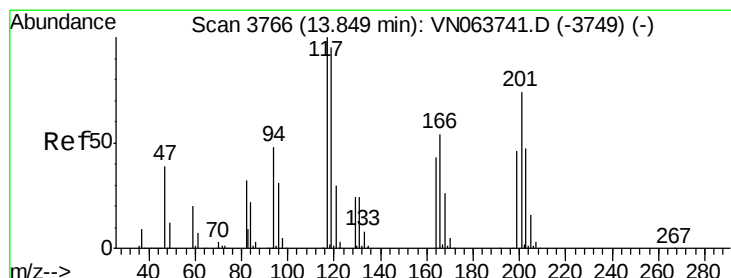
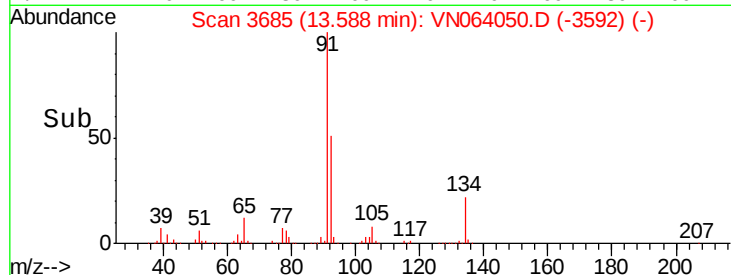
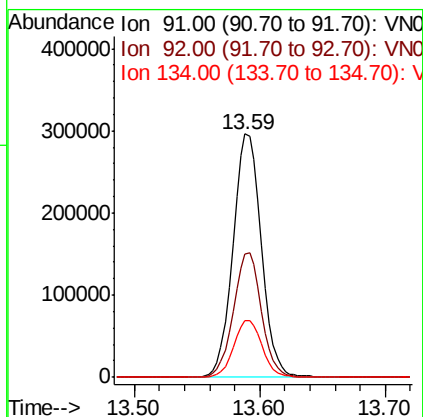
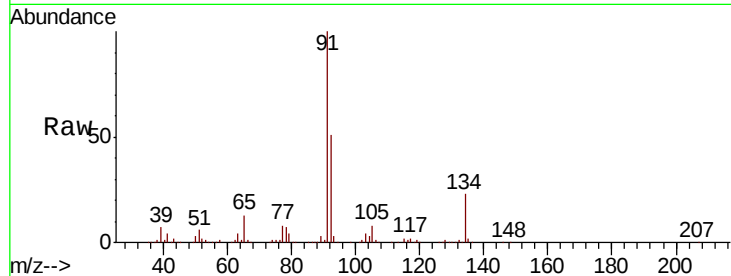




#89
n-Butylbenzene
Concen: 49.681 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

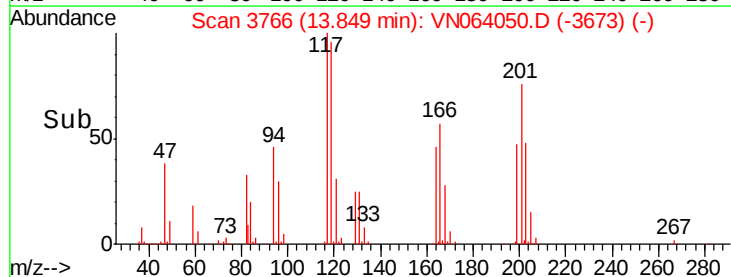
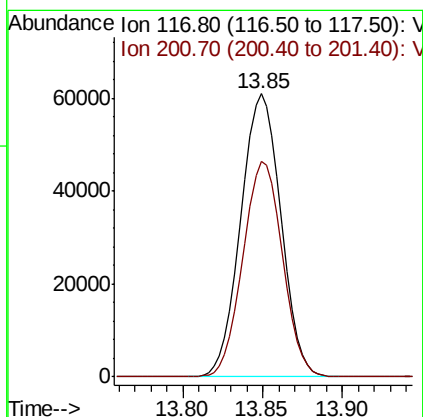
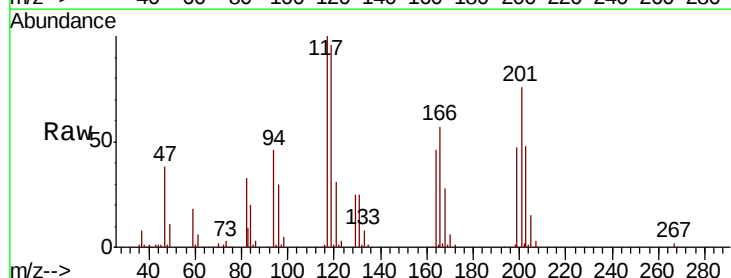
Instrument :
MSVOA_N
ClientSampleId :
BFB

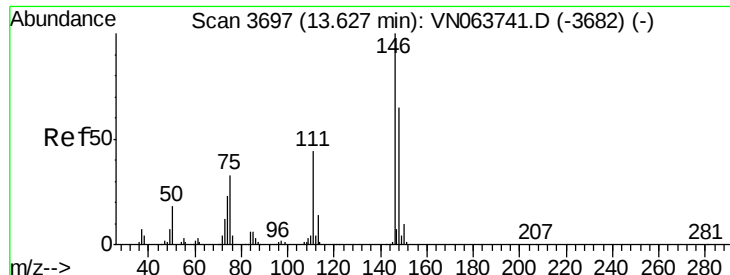
Tot Ion: 91 Resp: 464394
Ion Ratio Lower Upper
91 100
92 50.5 25.4 76.4
134 23.4 11.7 35.1



#90
Hexachloroethane
Concen: 53.201 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion: 117 Resp: 104408
Ion Ratio Lower Upper
117 100
201 75.2 36.0 108.0

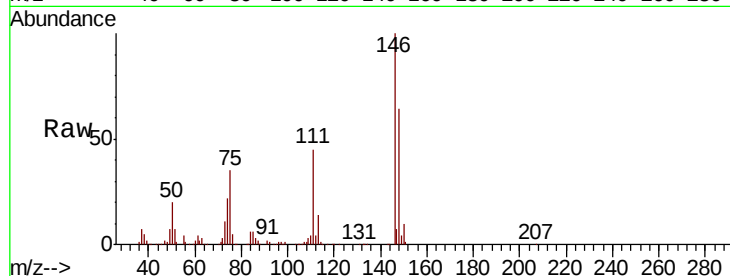




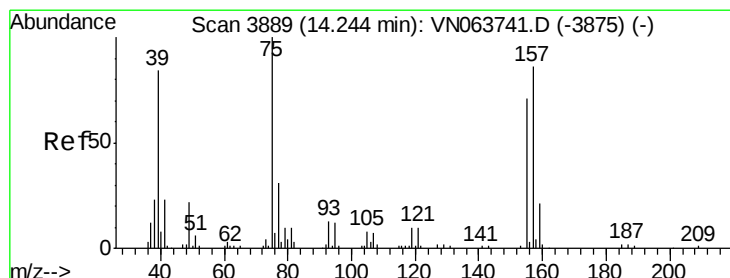
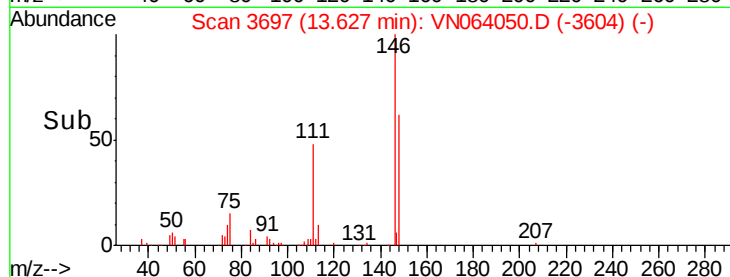
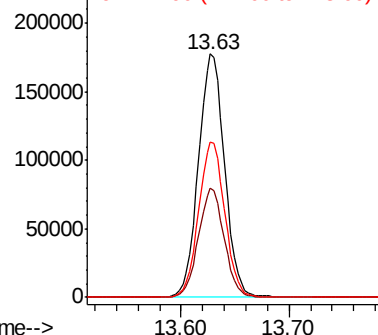
#91
 1,2-Dichlorobenzene
 Concen: 53.680 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Tot Ion:146 Resp: 299784
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.2 66.6
 148 64.0 32.5 97.4

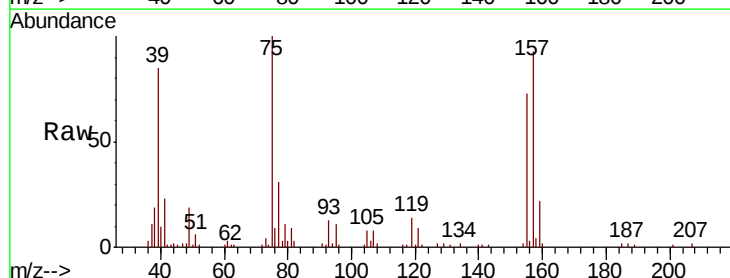


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

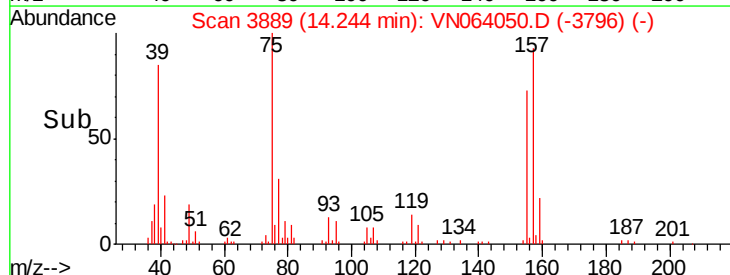
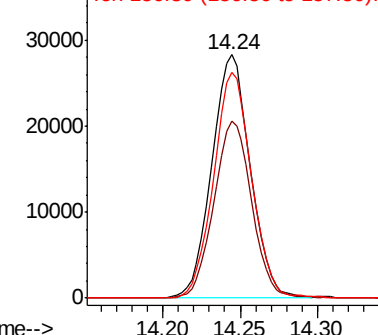


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.772 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion: 75 Resp: 48979
 Ion Ratio Lower Upper
 75 100
 155 71.3 34.8 104.5
 157 91.4 43.7 131.1



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

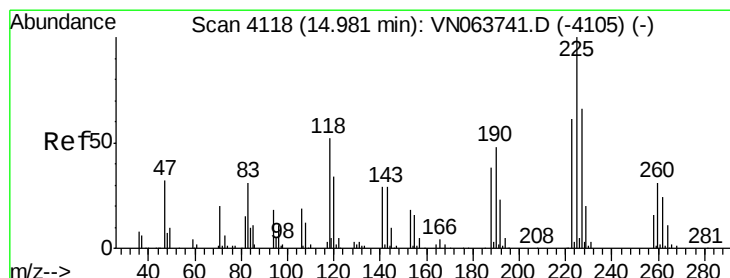
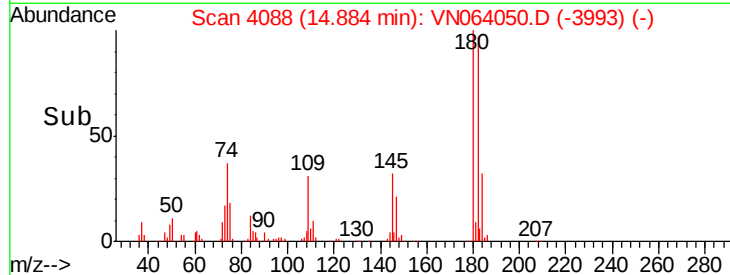
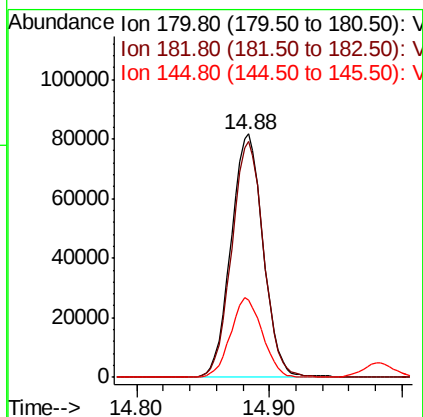
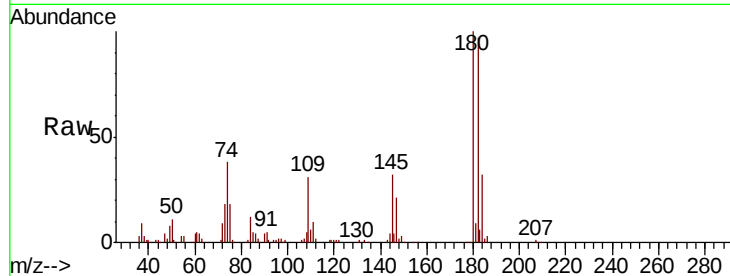




#93
 1,2,4-Trichlorobenzene
 Concen: 45.420 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

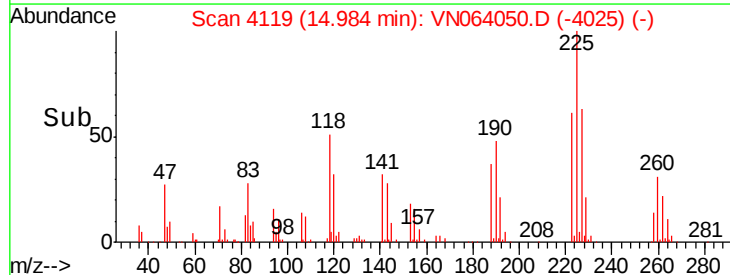
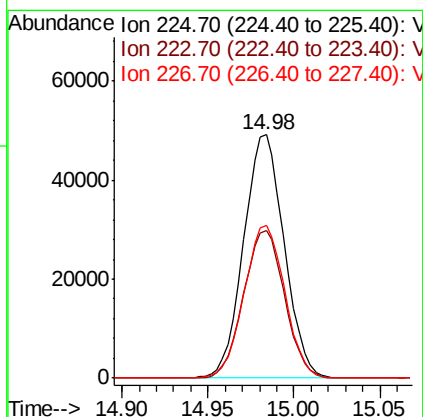
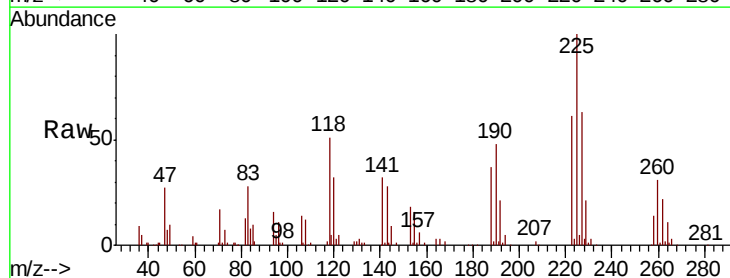
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

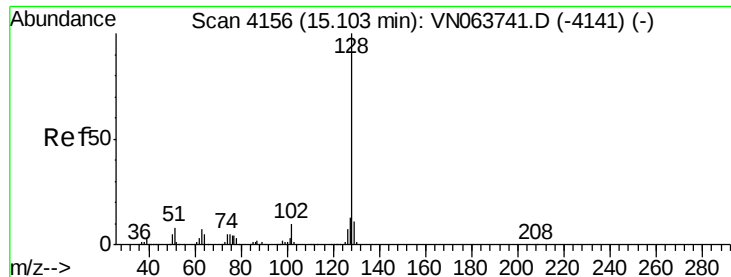
Tot Ion:180 Resp: 137428
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.2 144.6
 145 32.4 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 53.126 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion:225 Resp: 80450
 Ion Ratio Lower Upper
 225 100
 223 61.2 30.3 91.0
 227 63.0 31.9 95.5

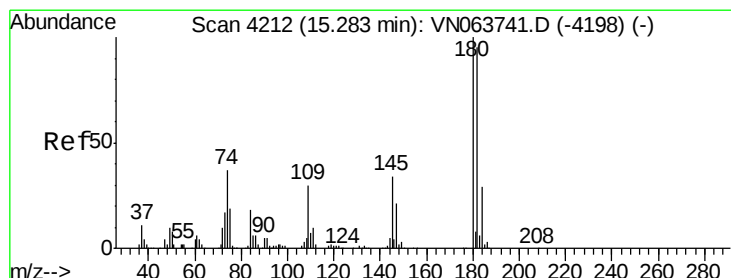
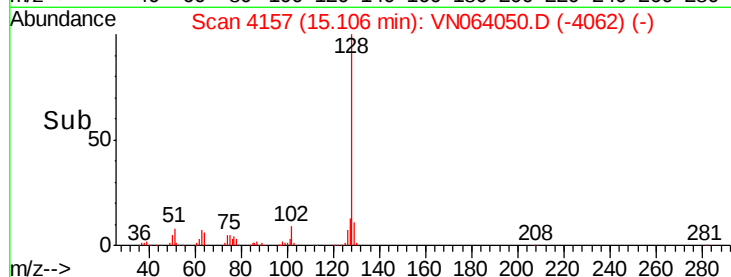
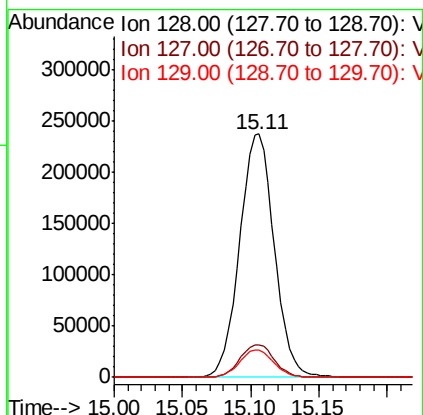
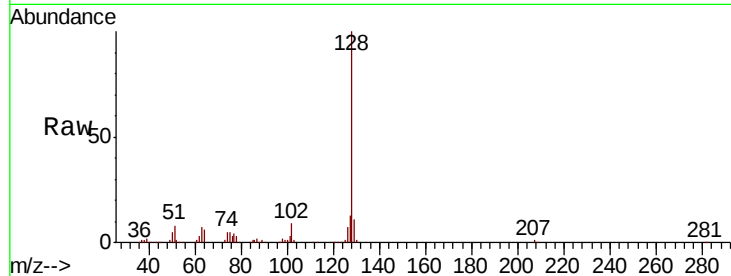




#95
Naphthalene
Concen: 44.789 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion:128 Resp: 418883
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.796 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion:180 Resp: 143606
Ion Ratio Lower Upper
180 100
182 94.1 47.9 143.6
145 33.1 17.2 51.5

