

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062599.D
 Acq On : 27 Jul 2020 14:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Jul 28 06:22:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	167693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	266880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	248670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122641	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	126667	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
35) Dibromofluoromethane	7.54	113	85993	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
50) Toluene-d8	10.06	98	341010	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.37	95	129159	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	97069	48.528	ug/l	99
3) Chloromethane	2.04	50	102930	37.940	ug/l	97
4) Vinyl Chloride	2.16	62	99594	42.346	ug/l	98
5) Bromomethane	2.53	94	56893	54.616	ug/l	95
6) Chloroethane	2.67	64	56337	52.955	ug/l	99
7) Trichlorofluoromethane	2.98	101	159262	57.675	ug/l	98
8) Diethyl Ether	3.37	74	55942	43.322	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	83908	47.394	ug/l	97
10) Methyl Iodide	3.91	142	103394	45.680	ug/l	95
11) Tert butyl alcohol	4.73	59	75215	181.499	ug/l	98
12) 1,1-Dichloroethene	3.70	96	81383	45.325	ug/l	99
13) Acrolein	3.56	56	67838	160.109	ug/l	98
14) Allyl chloride	4.27	41	156305	40.243	ug/l	92
15) Acrylonitrile	4.92	53	224876	202.594	ug/l	98
16) Acetone	3.77	43	215476	219.808	ug/l	97
17) Carbon Disulfide	4.01	76	243531	41.279	ug/l	100
18) Methyl Acetate	4.27	43	97356	39.230	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	305478	46.223	ug/l	98
20) Methylene Chloride	4.50	84	97347	41.404	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	88370	44.343	ug/l	95
22) Diisopropyl ether	5.90	45	315013	40.803	ug/l	96
23) Vinyl Acetate	5.84	43	1339620	211.768	ug/l	98
24) 1,1-Dichloroethane	5.79	63	182296	43.849	ug/l	100
25) 2-Butanone	6.78	43	300775	201.463	ug/l	97
26) 2,2-Dichloropropane	6.77	77	168529	49.381	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	100111	44.024	ug/l	99
28) Bromochloromethane	7.15	49	84718	41.407	ug/l	92
29) Tetrahydrofuran	7.16	42	191839	189.898	ug/l	94
30) Chloroform	7.33	83	180072	45.555	ug/l	98
31) Cyclohexane	7.61	56	156627	40.805	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	165358	50.105	ug/l	99
36) 1,1-Dichloropropene	7.75	75	138573	48.713	ug/l	100
37) Ethyl Acetate	6.88	43	128703	41.972	ug/l #	93
38) Carbon Tetrachloride	7.73	117	148126	54.172	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	155240	50.696	ug/l	98
40) Benzene	8.00	78	383182	44.493	ug/l	99
41) Methacrylonitrile	7.12	41	62573	47.613	ug/l	88
42) 1,2-Dichloroethane	8.08	62	157665	50.076	ug/l	98
43) Isopropyl Acetate	8.12	43	215171	43.528	ug/l #	90
44) Trichloroethene	8.80	130	92928	47.849	ug/l	98
45) 1,2-Dichloropropane	9.08	63	106235	43.935	ug/l	98
46) Dibromomethane	9.17	93	65175	46.635	ug/l	98
47) Bromodichloromethane	9.37	83	148986	49.207	ug/l	98
48) Methyl methacrylate	9.17	41	102968	43.819	ug/l	97
49) 1,4-Dioxane	9.17	88	28833	798.898	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	628285	212.421	ug/l	99
52) Toluene	10.12	92	241036	48.200	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	169075	50.163	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	176102	48.691	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	92246	47.556	ug/l	97
56) Ethyl methacrylate	10.40	69	147379	42.585	ug/l	97
57) 1,3-Dichloropropane	10.68	76	164029	46.158	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	217821	210.349	ug/l	96
59) 2-Hexanone	10.72	43	457917	200.779	ug/l	100
60) Dibromochloromethane	10.87	129	107862	49.845	ug/l	99
61) 1,2-Dibromoethane	10.98	107	94854	46.961	ug/l	98
64) Tetrachloroethene	10.60	164	80261	49.676	ug/l	95
65) Chlorobenzene	11.40	112	250718	48.093	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	95709	48.801	ug/l	97
67) Ethyl Benzene	11.48	91	468474	49.011	ug/l	100
68) m/p-Xylenes	11.59	106	347899	101.263	ug/l	99
69) o-Xylene	11.92	106	161713	49.568	ug/l	97
70) Styrene	11.94	104	281318	51.046	ug/l	98
71) Bromoform	12.10	173	74424	50.542	ug/l #	100
73) Isopropylbenzene	12.22	105	457425	47.170	ug/l	100
74) N-amyl acetate	12.04	43	185311	42.790	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	133725	39.683	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	188086	60.252	ug/l #	100
77) Bromobenzene	12.50	156	107017	45.921	ug/l	91
78) n-propylbenzene	12.56	91	542899	47.794	ug/l	99
79) 2-Chlorotoluene	12.65	91	317685	45.381	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	397857	49.461	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	49240	43.910	ug/l	95
82) 4-Chlorotoluene	12.75	91	338445	46.448	ug/l	100
83) tert-Butylbenzene	12.97	119	324199	48.537	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	392759	49.772	ug/l	98
85) sec-Butylbenzene	13.15	105	444825	49.744	ug/l	99
86) p-Isopropyltoluene	13.26	119	404224	52.558	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	191118	46.733	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	187126	46.481	ug/l	98
89) n-Butylbenzene	13.59	91	342281	51.795	ug/l	99
90) Hexachloroethane	13.85	117	74406	45.445	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	181005	46.288	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29243	47.796	ug/l	95

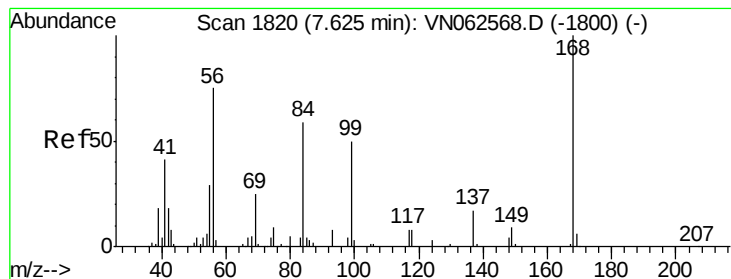
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	93372	45.697	ug/l	98
94) Hexachlorobutadiene	14.98	225	61838	58.529	ug/l	98
95) Naphthalene	15.10	128	223912	41.728	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	90209	48.951	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampled :

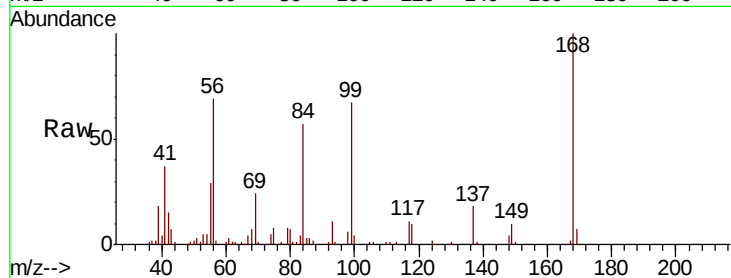
BFB

Tot Ion:168 Resp: 167693

Ion Ratio Lower Upper

168 100

99 66.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

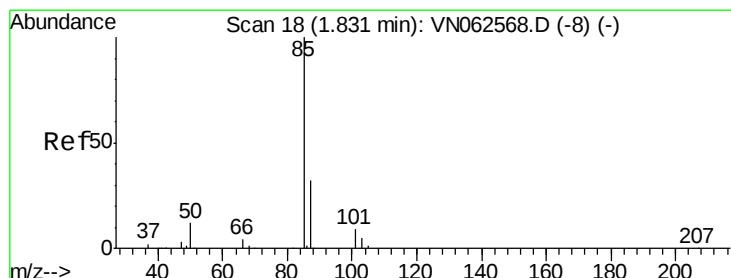
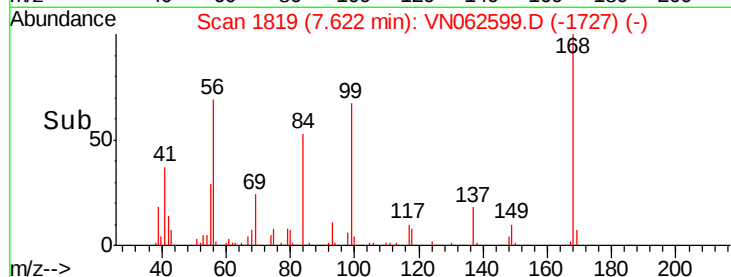
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 48.528 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062599.D

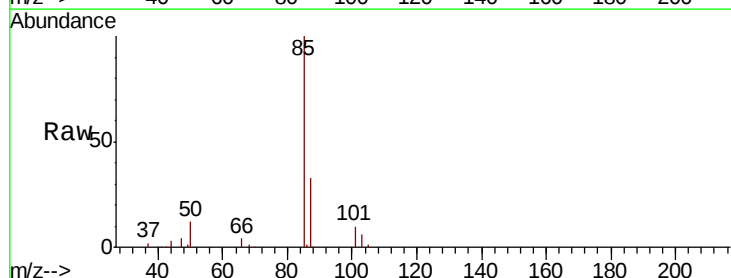
Acq: 27 Jul 2020 14:42

Tgt Ion: 85 Resp: 97069

Ion Ratio Lower Upper

85 100

87 32.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

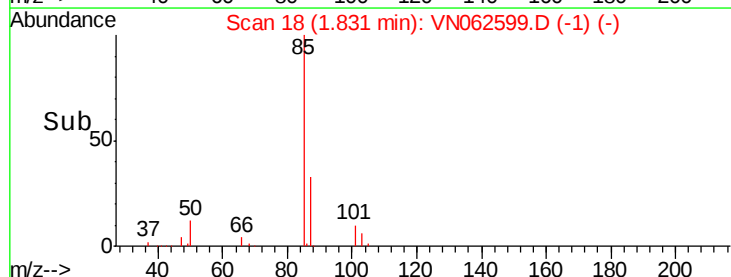
60000

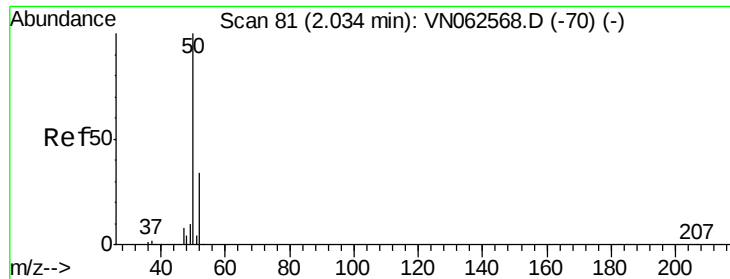
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 37.940 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

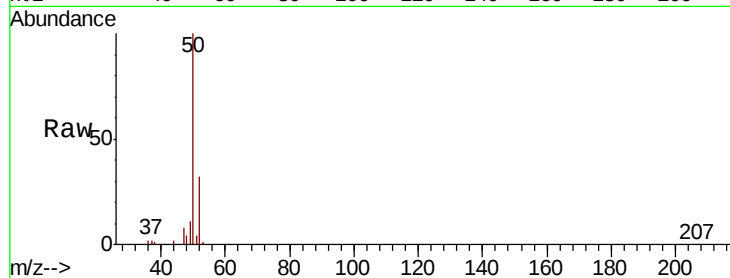
BFB

Tot Ion: 50 Resp: 102930

Ion Ratio Lower Upper

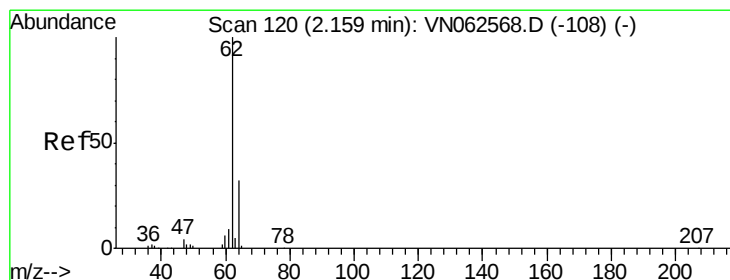
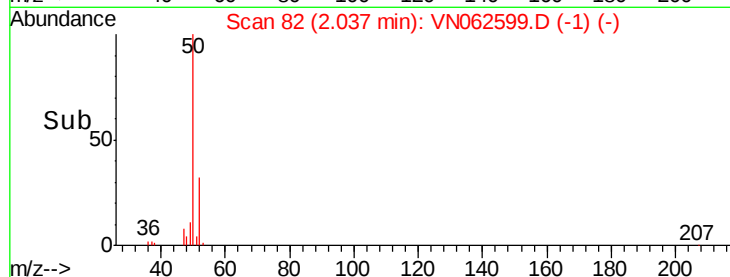
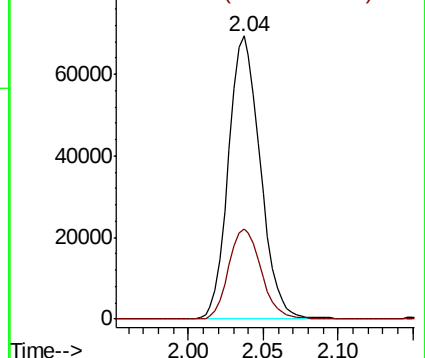
50 100

52 31.9 27.0 40.4



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 42.346 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062599.D

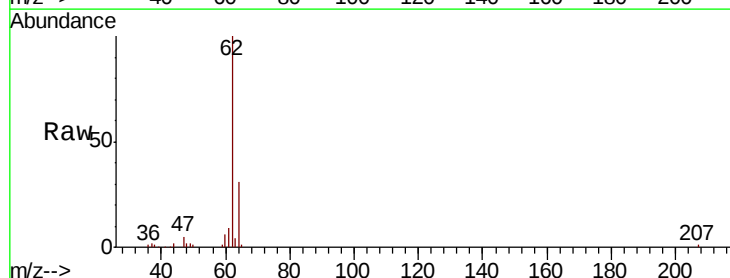
Acq: 27 Jul 2020 14:42

Tgt Ion: 62 Resp: 99594

Ion Ratio Lower Upper

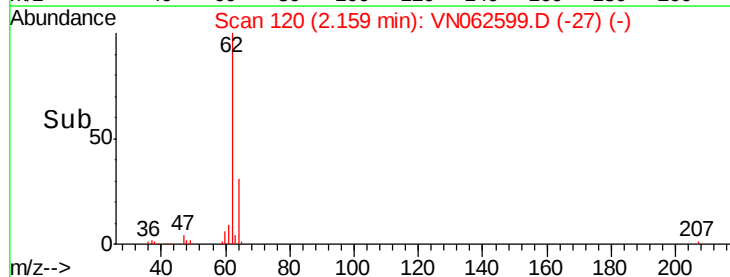
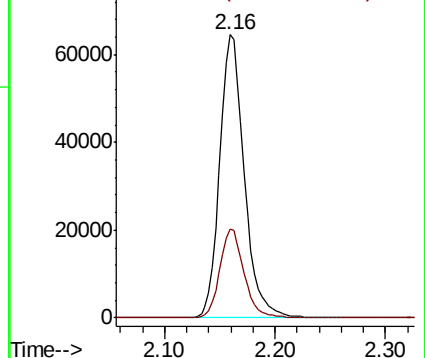
62 100

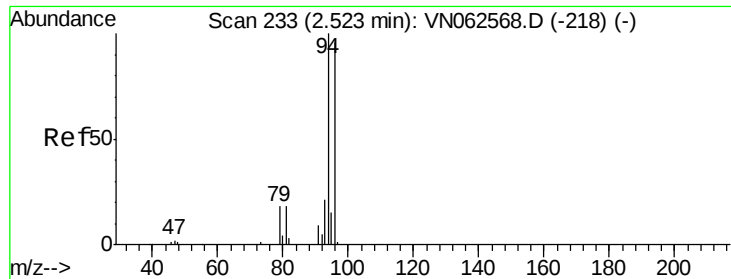
64 31.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 54.616 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

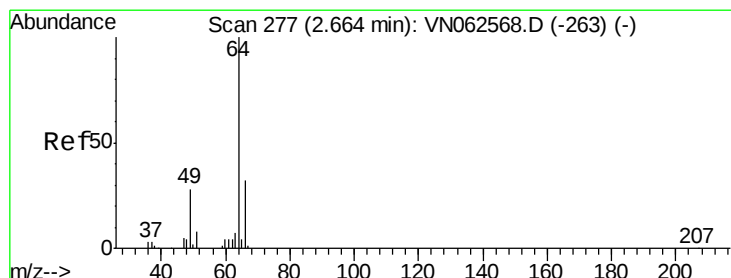
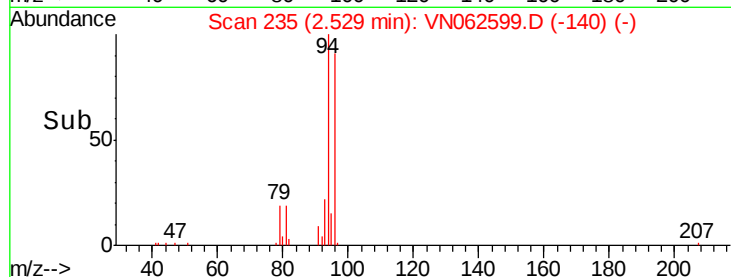
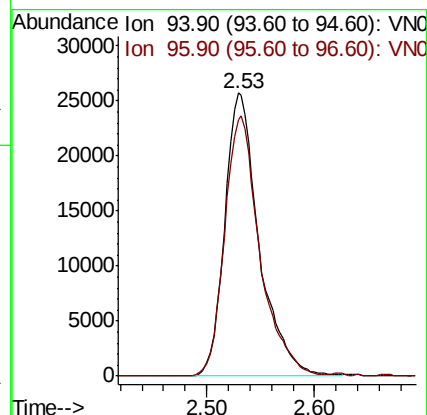
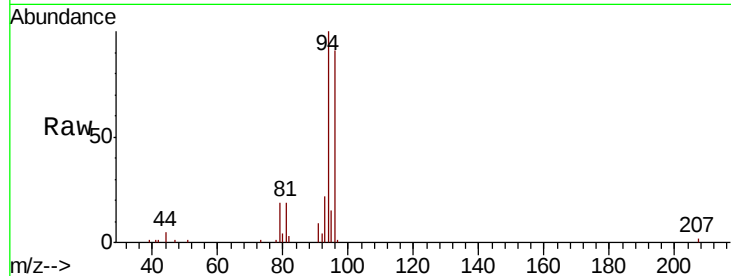
BFB

Tot Ion: 94 Resp: 56893

Ion Ratio Lower Upper

94 100

96 90.8 76.6 114.8



#6

Chloroethane

Concen: 52.955 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062599.D

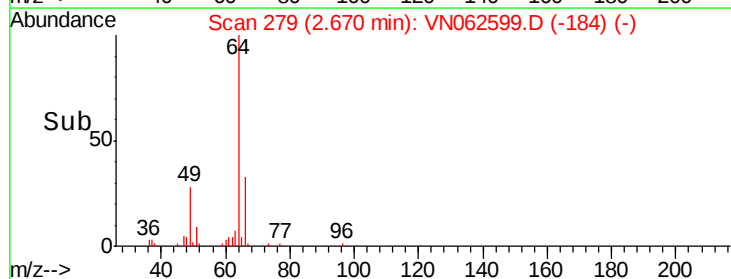
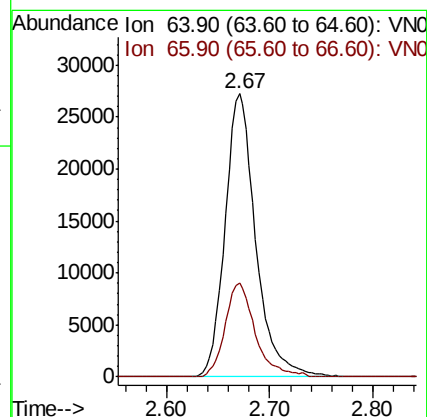
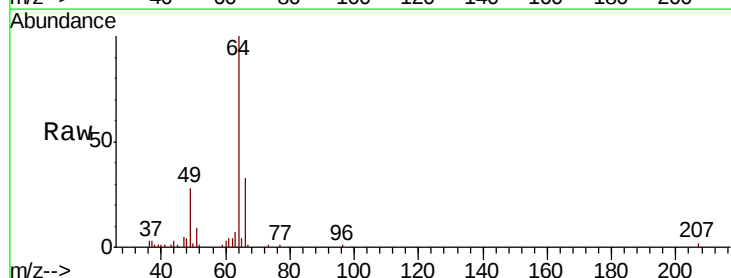
Acq: 27 Jul 2020 14:42

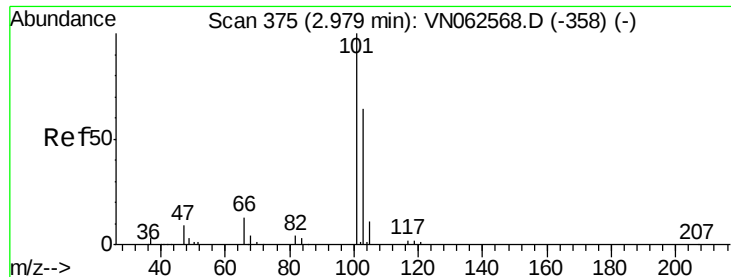
Tgt Ion: 64 Resp: 56337

Ion Ratio Lower Upper

64 100

66 33.0 25.8 38.8



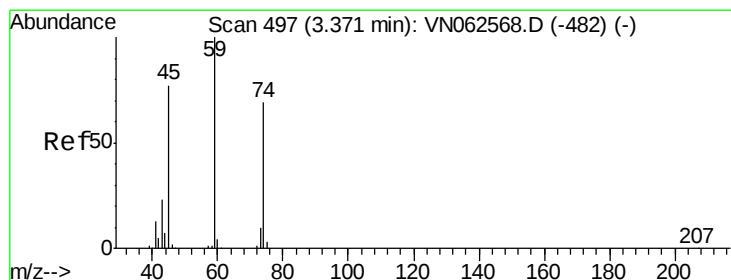
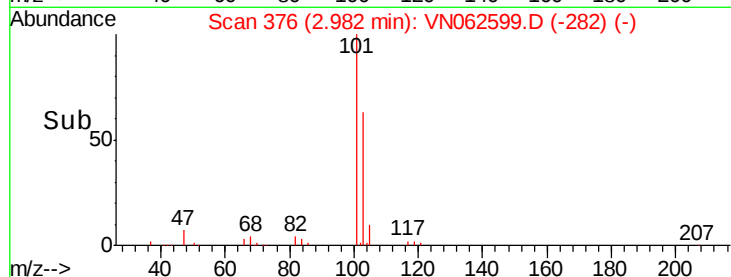
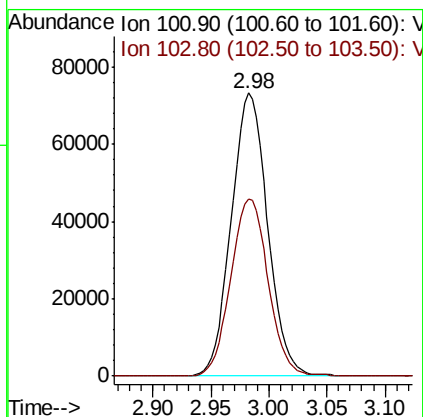
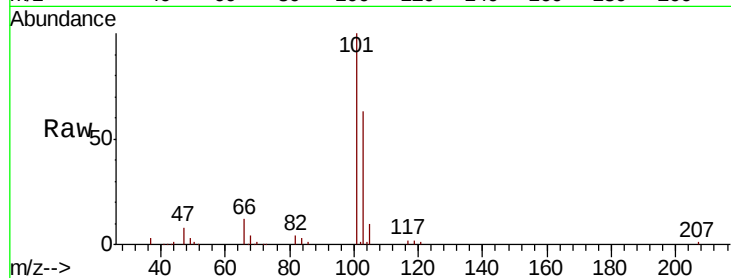


#7

Trichlorofluoromethane
Concen: 57.675 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampled :
BFB

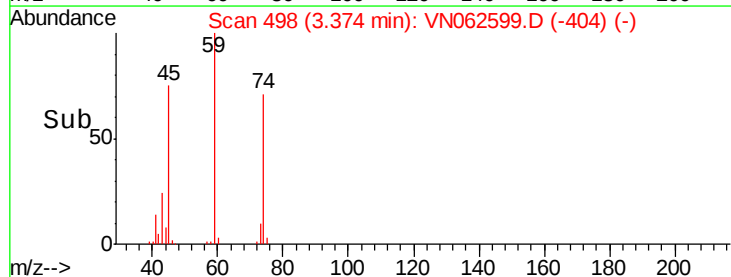
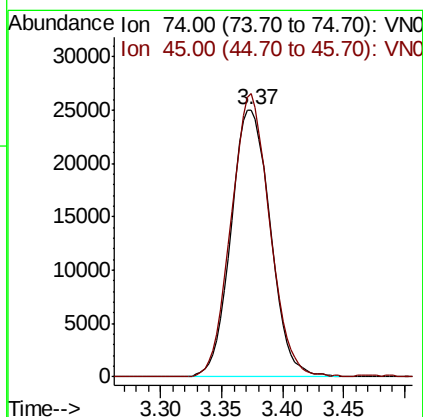
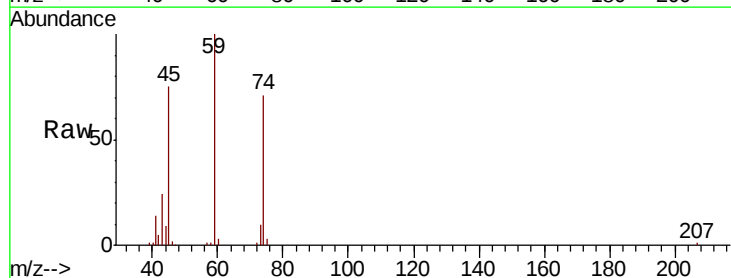
Tot Ion:101 Resp: 159262
Ion Ratio Lower Upper
101 100
103 62.8 51.5 77.3

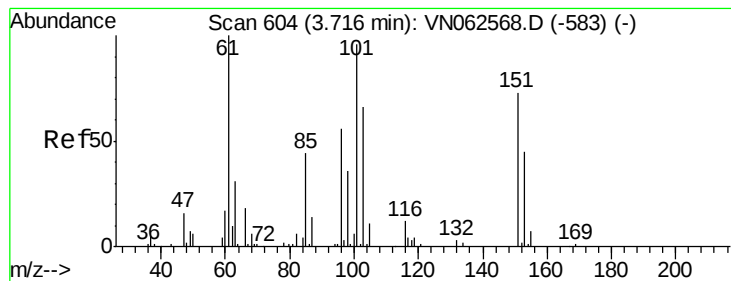


#8

Diethyl Ether
Concen: 43.322 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion: 74 Resp: 55942
Ion Ratio Lower Upper
74 100
45 103.9 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.394 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

BFB

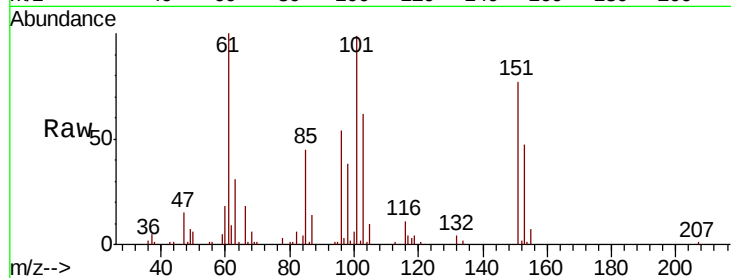
Tot Ion:101 Resp: 83908

Ion Ratio Lower Upper

101 100

85 47.4 36.0 54.0

151 76.6 60.0 90.0

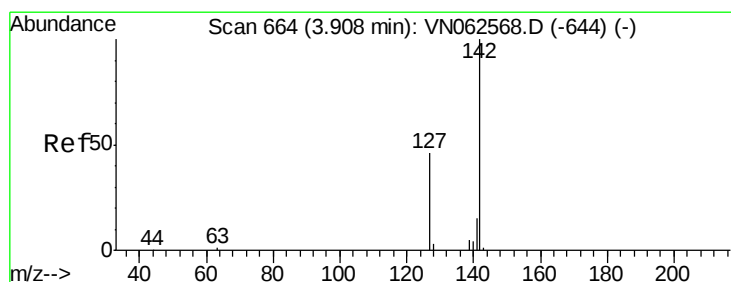
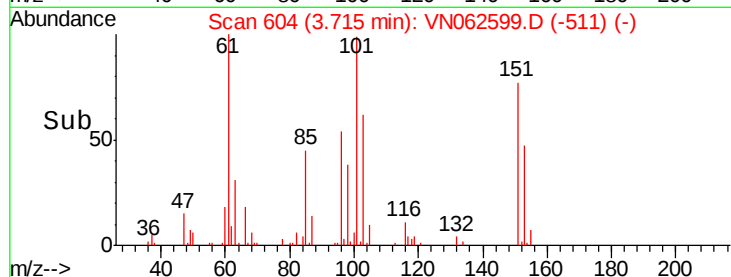
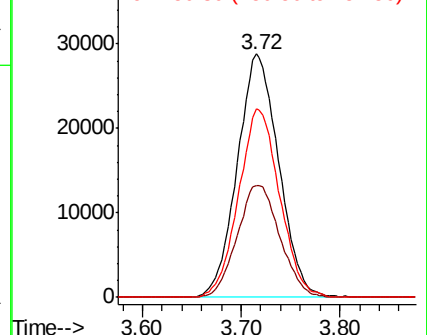


Abundance

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: 45.680 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

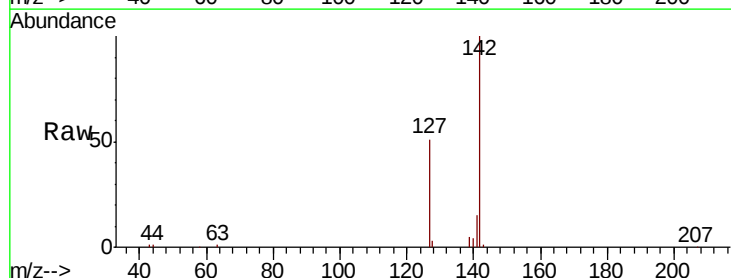
Tgt Ion:142 Resp: 103394

Ion Ratio Lower Upper

142 100

127 50.7 37.4 56.0

141 14.9 11.9 17.9

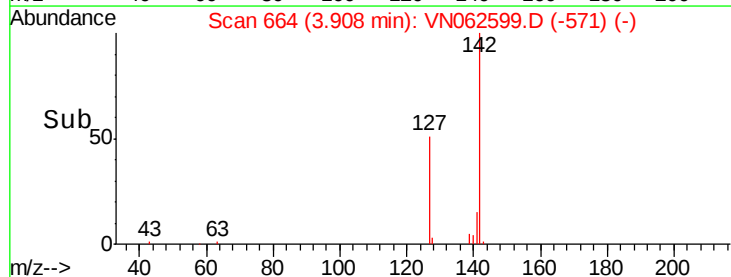
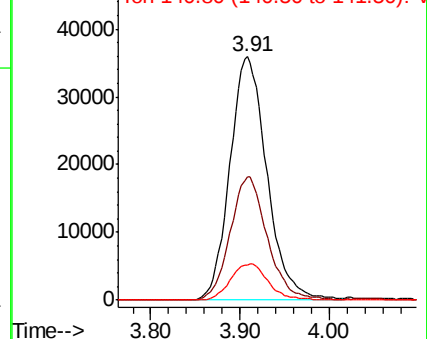


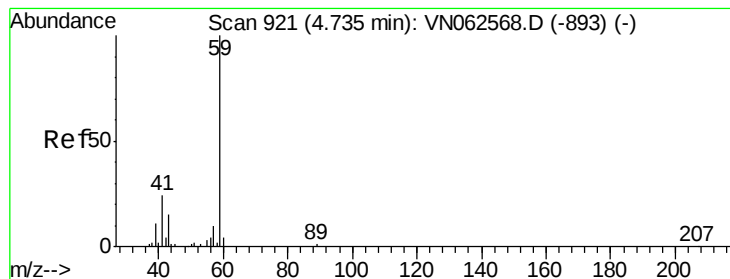
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 181.499 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

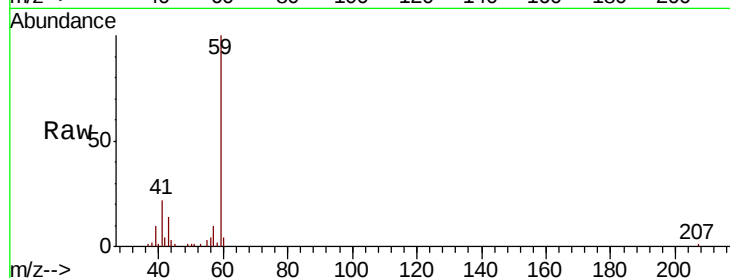
BFB

Tot Ion: 59 Resp: 75215

Ion Ratio Lower Upper

59 100

57 10.9 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VN062568.D (-893) (-)

Ion 57.00 (56.70 to 57.70): VN062568.D (-893) (-)

4.73

25000

20000

15000

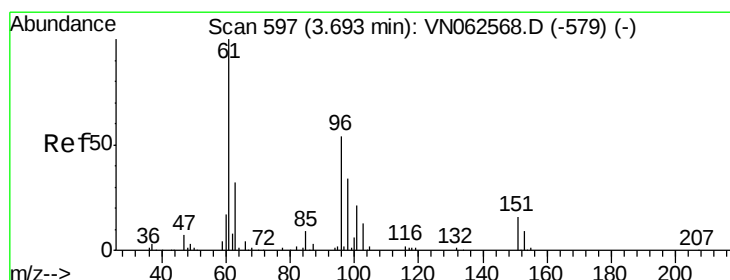
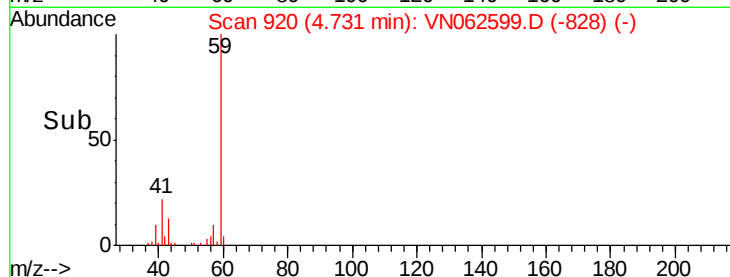
10000

5000

0

Time-->

4.60 4.70 4.80



#12

1,1-Dichloroethene

Concen: 45.325 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

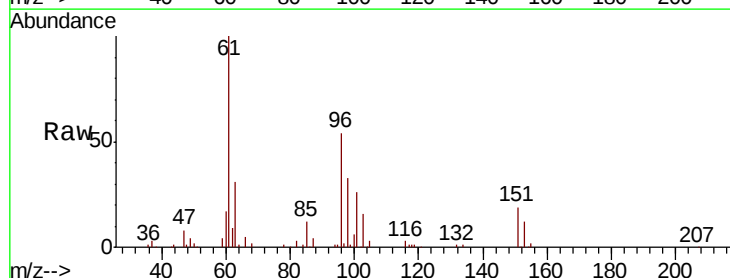
Tgt Ion: 96 Resp: 81383

Ion Ratio Lower Upper

96 100

61 185.9 148.6 222.8

98 60.9 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN062568.D (-579) (-)

Ion 60.90 (60.60 to 61.60): VN062568.D (-579) (-)

Ion 97.90 (97.60 to 98.60): VN062568.D (-579) (-)

80000

60000

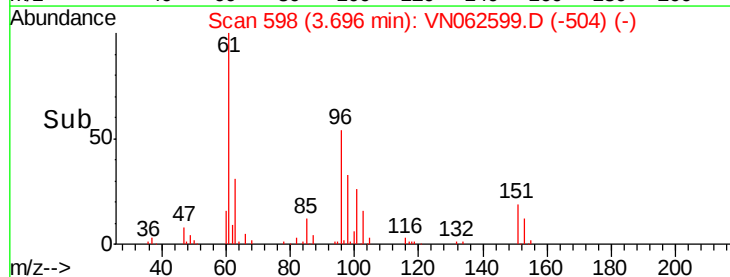
40000

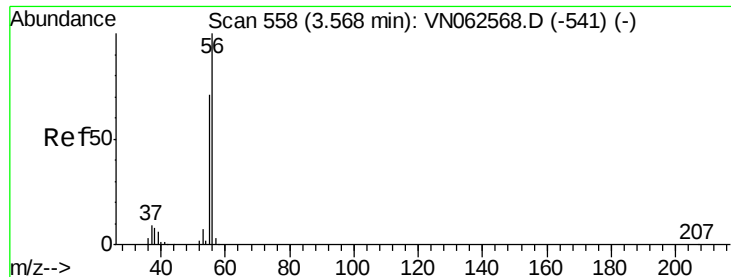
20000

0

Time-->

3.60 3.70 3.80





#13

Acrolein

Concen: 160.109 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

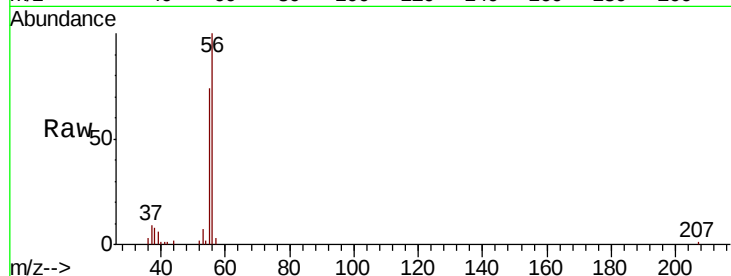
BFB

Tot Ion: 56 Resp: 67838

Ion Ratio Lower Upper

56 100

55 73.2 57.0 85.4

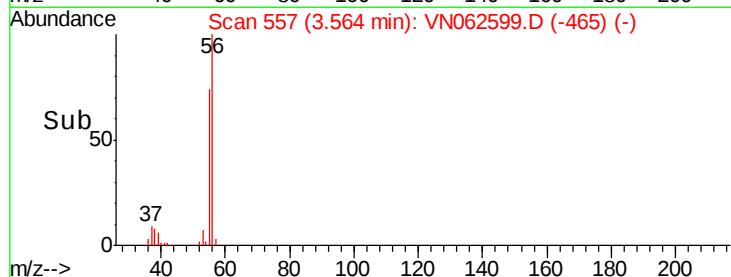


Abundance Ion 56.00 (55.70 to 56.70): VN062568.D (-541) (-)

Ion 55.00 (54.70 to 55.70): VN062568.D (-541) (-)

3.56

Time-->

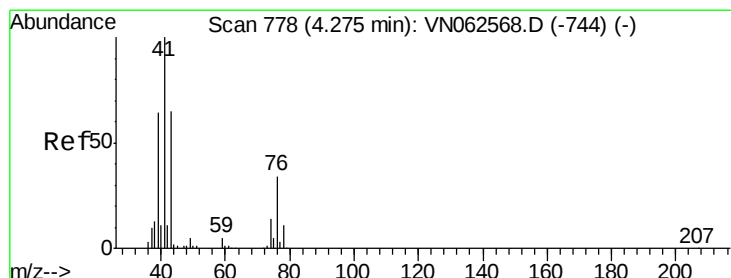


Abundance Ion 56.00 (55.70 to 56.70): VN062599.D (-465) (-)

Ion 55.00 (54.70 to 55.70): VN062599.D (-465) (-)

3.56

Time-->



#14

Allyl chloride

Concen: 40.243 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

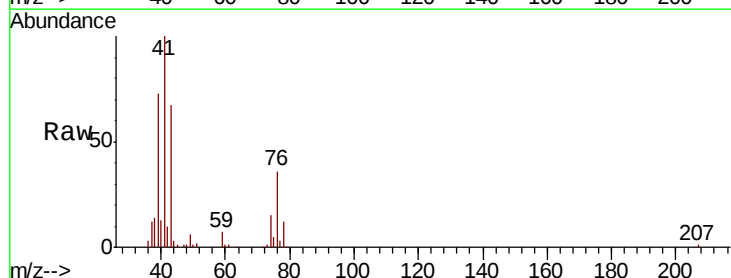
Tgt Ion: 41 Resp: 156305

Ion Ratio Lower Upper

41 100

39 68.3 49.0 73.4

76 33.1 24.0 36.0



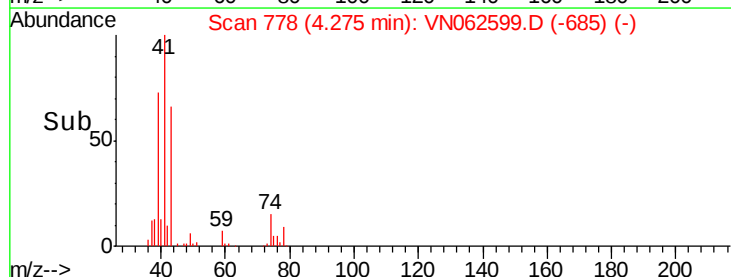
Abundance Ion 41.00 (40.70 to 41.70): VN062568.D (-744) (-)

Ion 39.00 (38.70 to 39.70): VN062568.D (-744) (-)

Ion 75.90 (75.60 to 76.60): VN062568.D (-744) (-)

4.27

Time-->



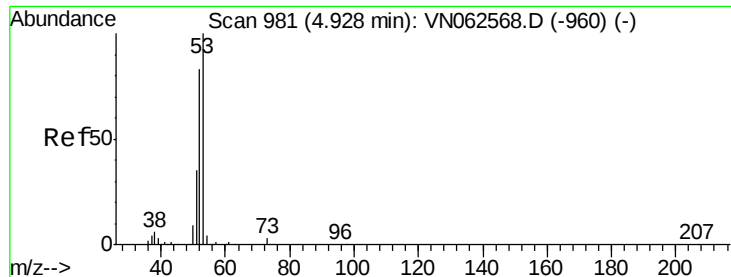
Abundance Ion 41.00 (40.70 to 41.70): VN062599.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN062599.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN062599.D (-685) (-)

4.27

Time-->



#15

Acrylonitrile

Concen: 202.594 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

BFB

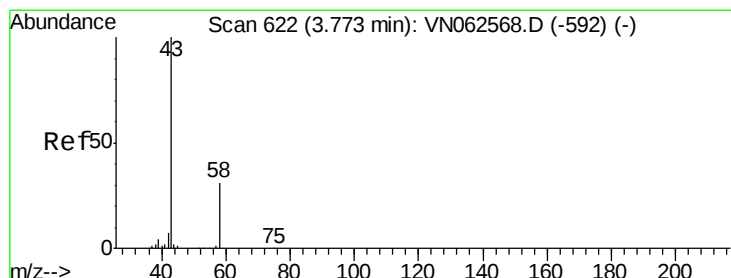
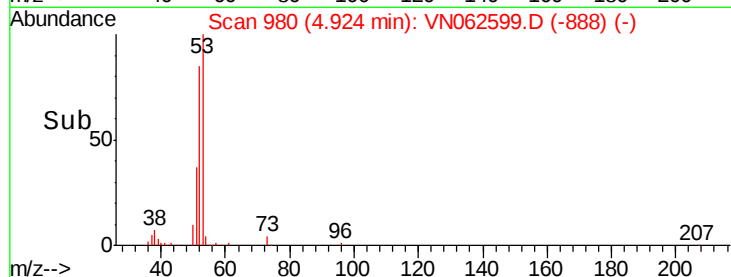
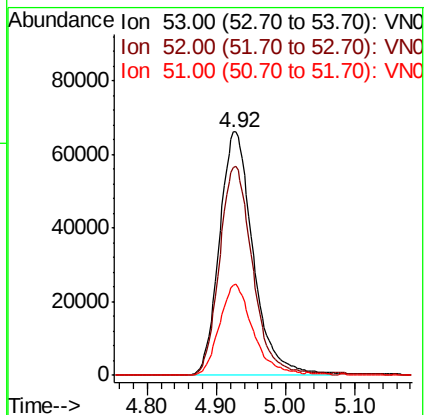
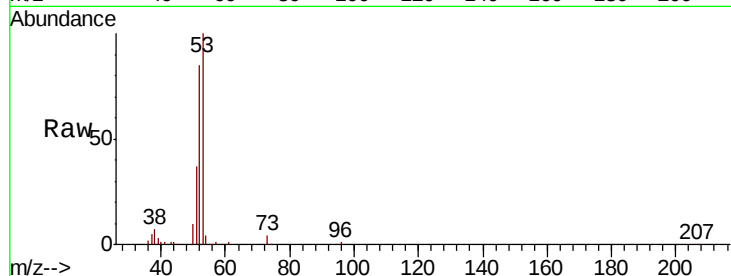
Tot Ion: 53 Resp: 224876

Ion Ratio Lower Upper

53 100

52 84.3 66.3 99.5

51 37.1 28.6 43.0



#16

Acetone

Concen: 219.808 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN062599.D

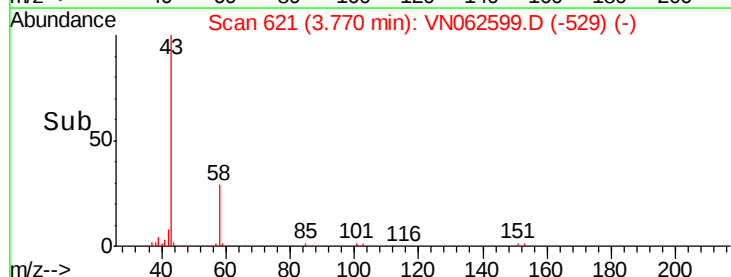
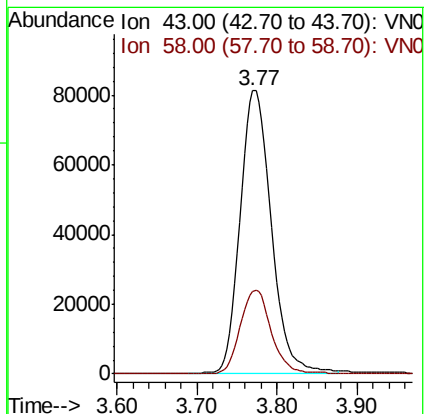
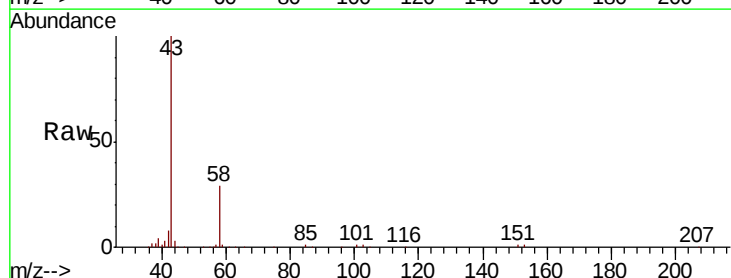
Acq: 27 Jul 2020 14:42

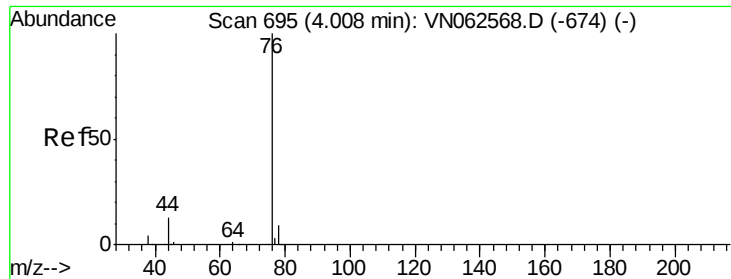
Tgt Ion: 43 Resp: 215476

Ion Ratio Lower Upper

43 100

58 29.1 24.6 37.0

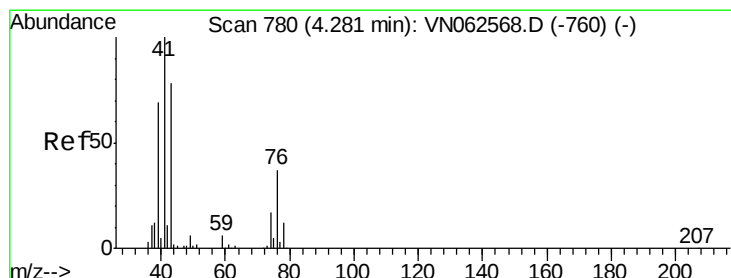
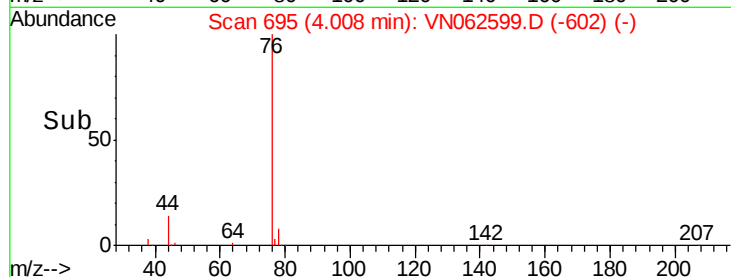
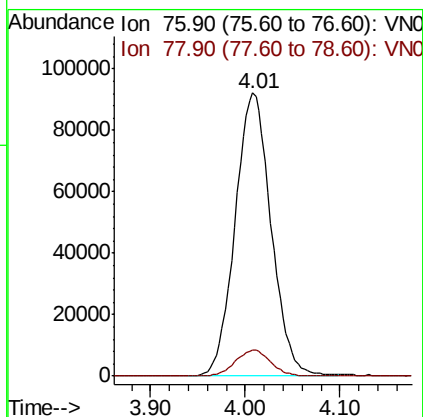
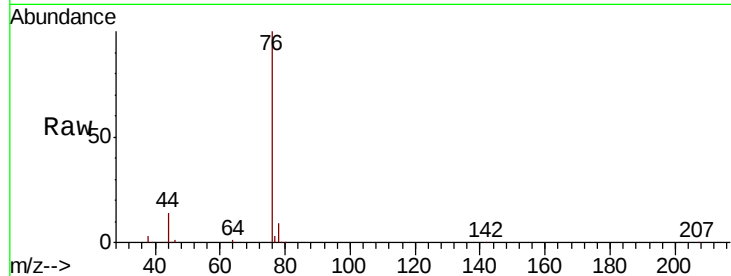




#17
Carbon Disulfide
Concen: 41.279 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

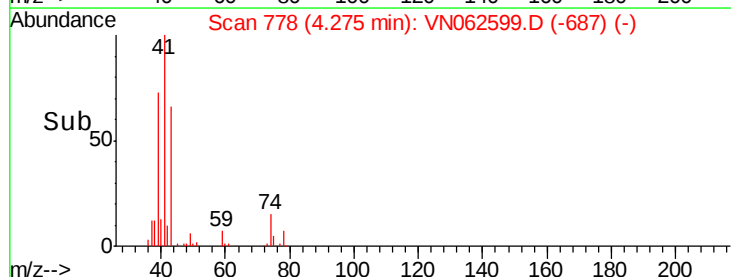
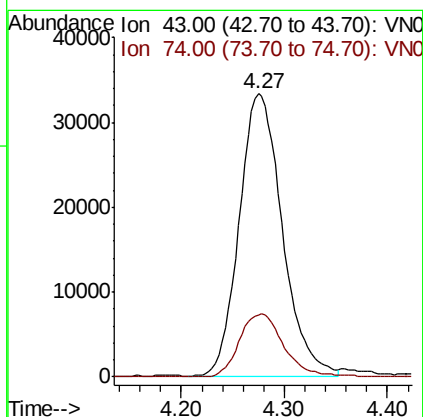
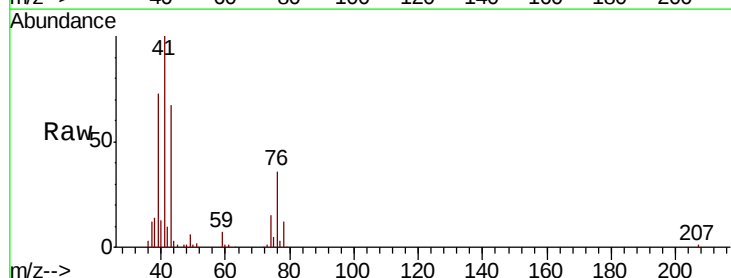
Instrument :
MSVOA_N
ClientSampled :
BFB

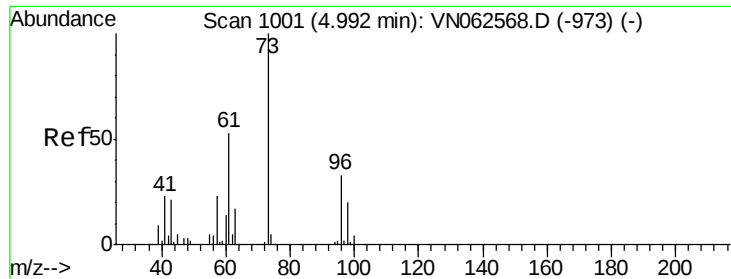
Tot Ion: 76 Resp: 243531
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 39.230 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.01 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion: 43 Resp: 97356
Ion Ratio Lower Upper
43 100
74 22.7 16.6 24.8

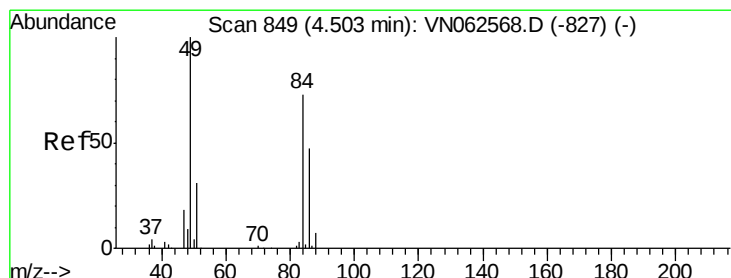
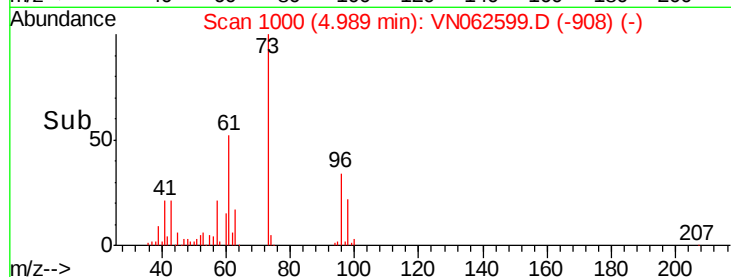
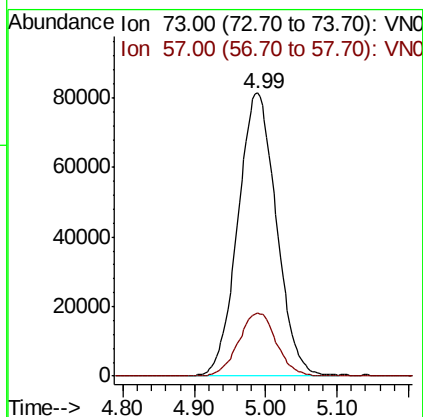
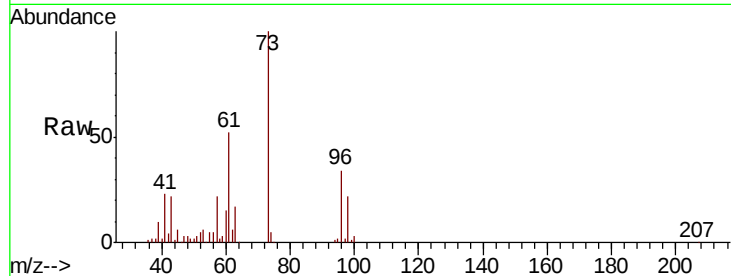




#19
Methyl tert-butyl Ether
Concen: 46.223 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

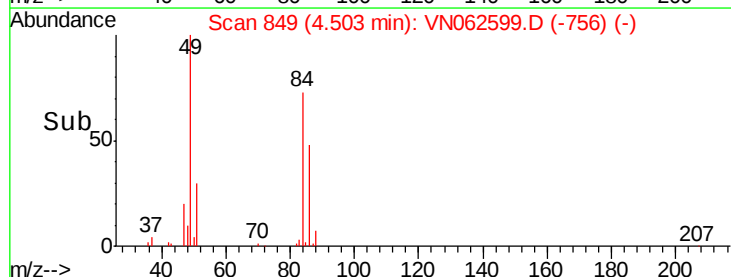
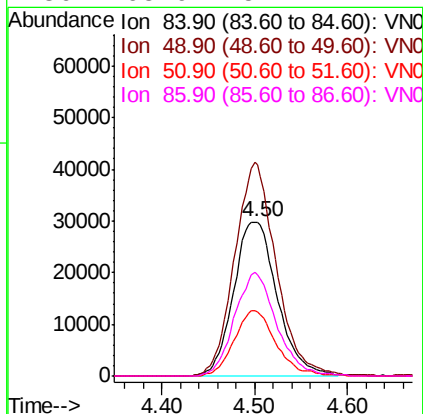
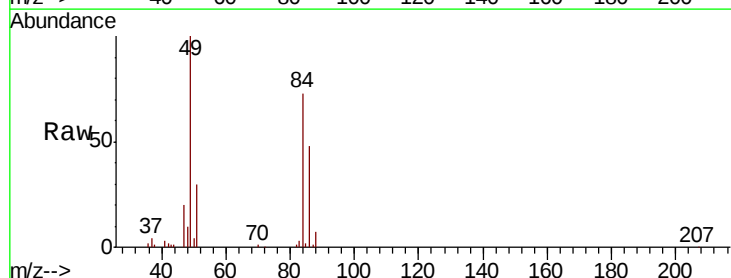
Instrument :
MSVOA_N
ClientSampleId :
BFB

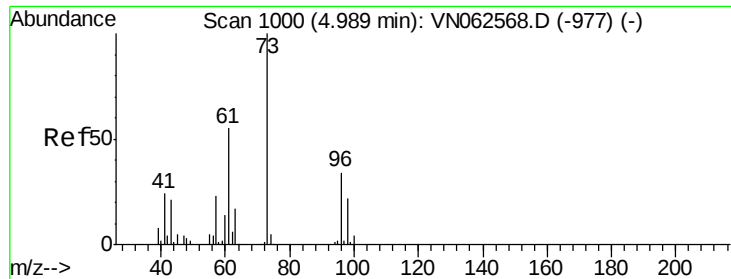
Tot Ion: 73 Resp: 305478
Ion Ratio Lower Upper
73 100
57 22.2 18.6 27.8



#20
Methylene Chloride
Concen: 41.404 ug/l
RT: 4.50 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion: 84 Resp: 97347
Ion Ratio Lower Upper
84 100
49 137.4 109.4 164.0
51 41.9 33.6 50.4
86 65.9 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 44.343 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampled :

BFB

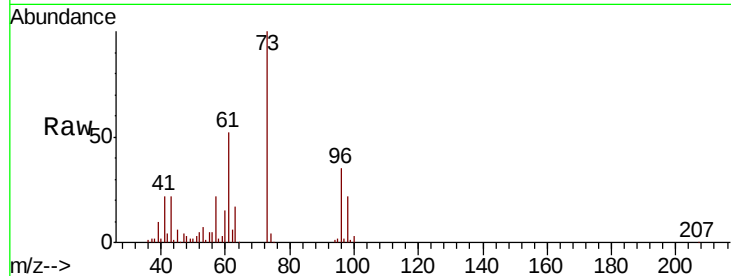
Tot Ion: 96 Resp: 88370

Ion Ratio Lower Upper

96 100

61 151.9 128.6 192.8

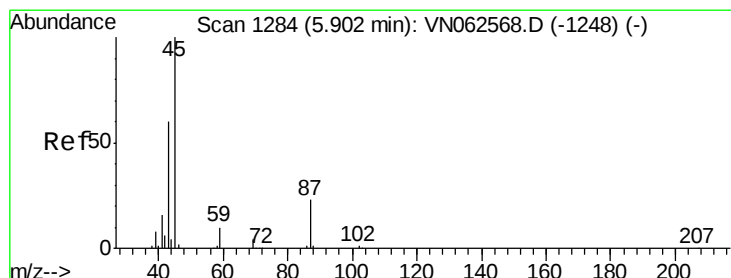
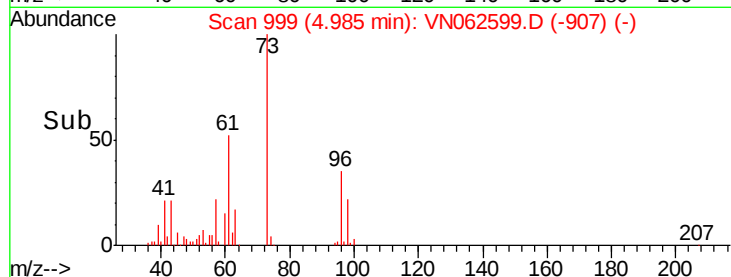
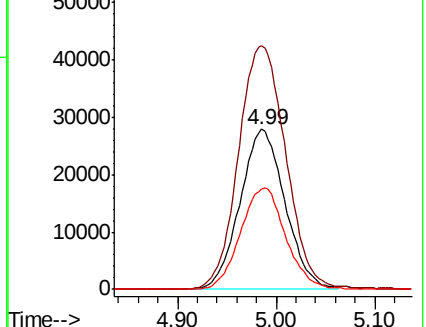
98 62.7 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN062599.D (-907) (-)

Ion 60.90 (60.60 to 61.60): VN062599.D (-907) (-)

Ion 97.90 (97.60 to 98.60): VN062599.D (-907) (-)



#22

Diisopropyl ether

Concen: 40.803 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Tgt Ion: 45 Resp: 315013

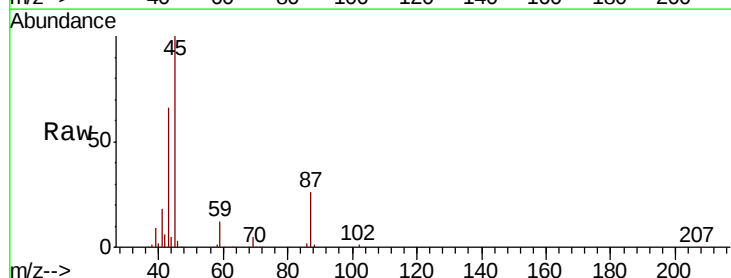
Ion Ratio Lower Upper

45 100

43 64.4 48.7 73.1

87 26.0 19.0 28.6

59 12.2 8.6 13.0

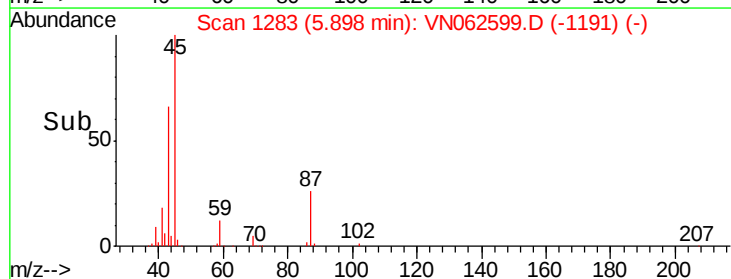
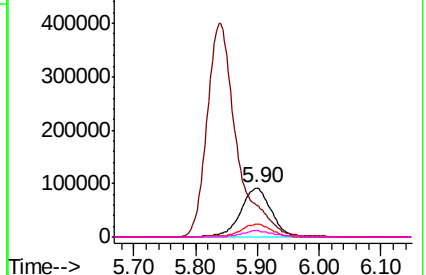


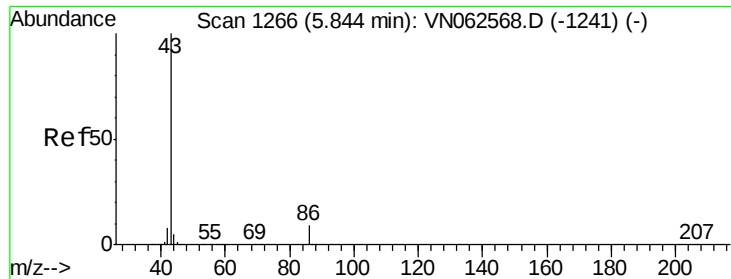
Abundance Ion 45.00 (44.70 to 45.70): VN062599.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062599.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062599.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062599.D (-1191) (-)





#23

Vinyl Acetate

Concen: 211.768 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

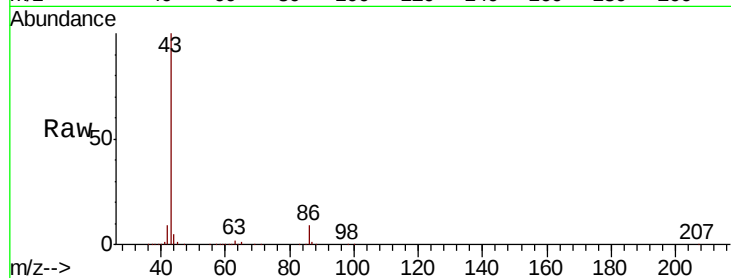
BFB

Tot Ion: 43 Resp: 1339620

Ion Ratio Lower Upper

43 100

86 9.4 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-1241) (-)

Ion 86.00 (85.70 to 86.70): VN062568.D (-1241) (-)

5.84

400000

300000

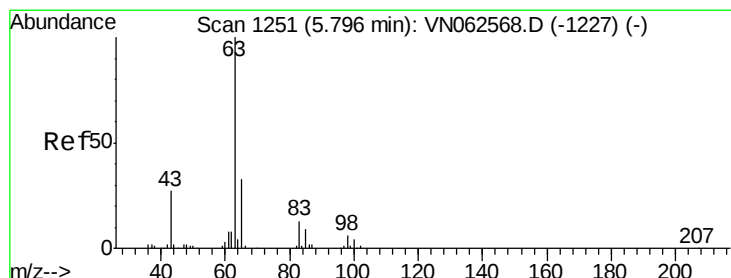
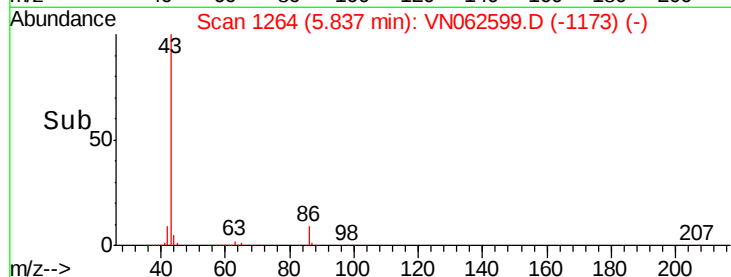
200000

100000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 43.849 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

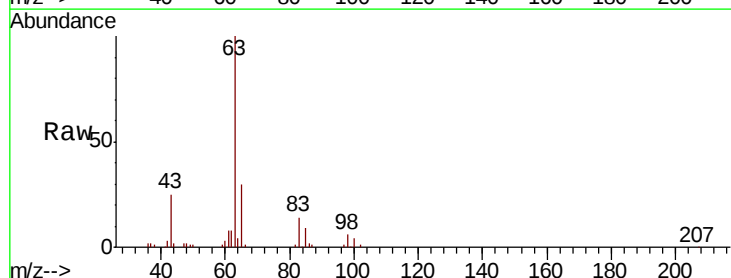
Tgt Ion: 63 Resp: 182296

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 3.5 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN062568.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN062568.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN062568.D (-1227) (-)

5.79

80000

60000

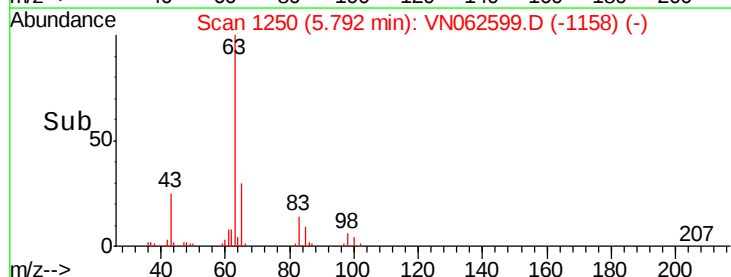
40000

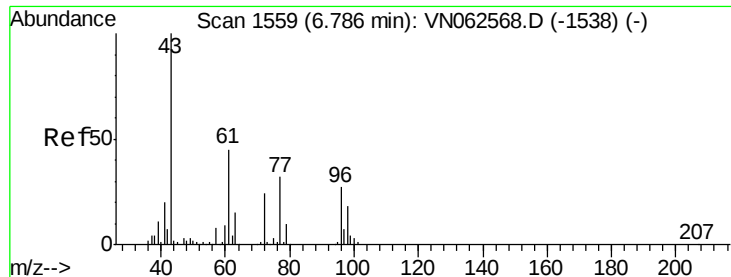
20000

0

5.70 5.80 5.90

Time-->

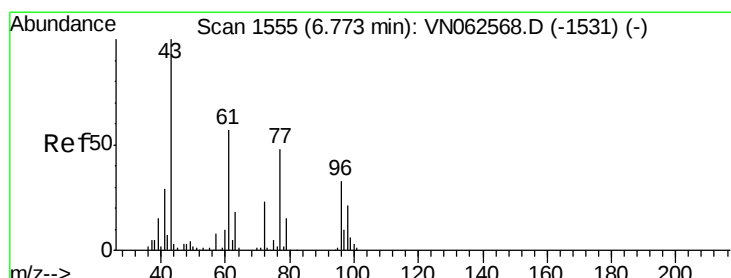
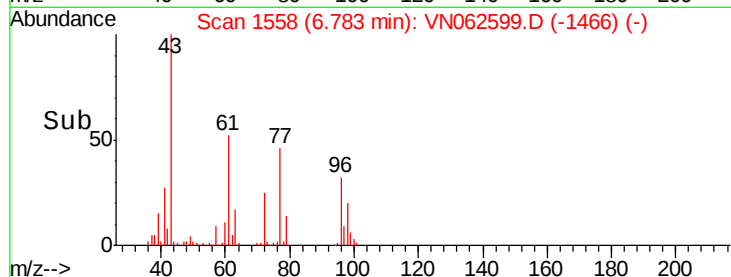
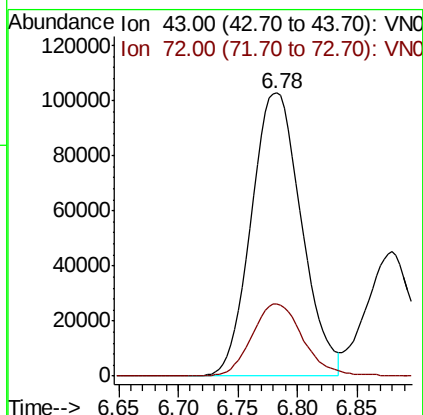
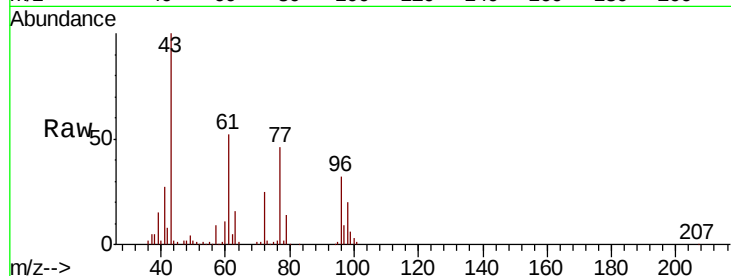




#25
2-Butanone
Concen: 201.463 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

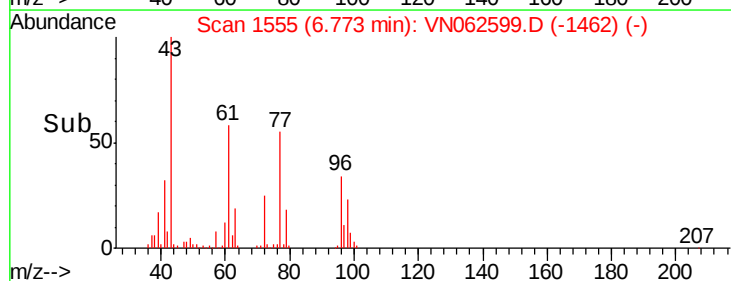
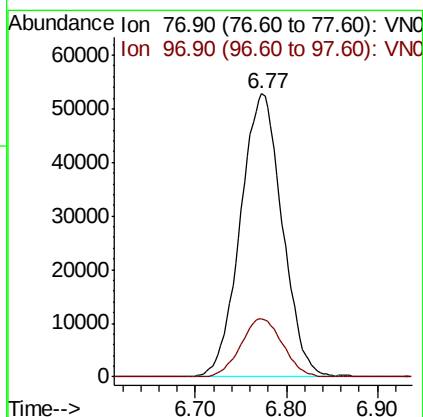
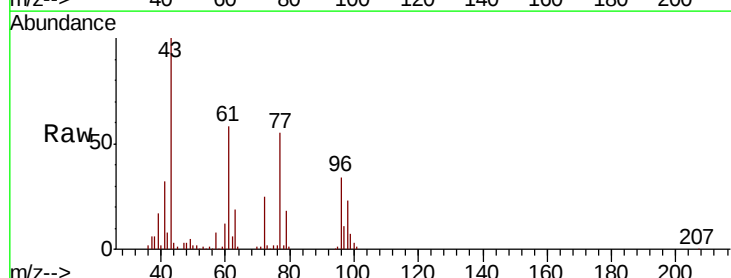
Instrument :
MSVOA_N
ClientSampleId :
BFB

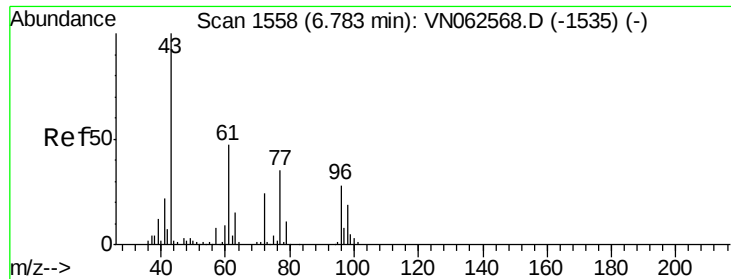
Tot Ion: 43 Resp: 300775
Ion Ratio Lower Upper
43 100
72 25.4 19.0 28.6



#26
2,2-Dichloropropane
Concen: 49.381 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion: 77 Resp: 168529
Ion Ratio Lower Upper
77 100
97 20.6 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 44.024 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

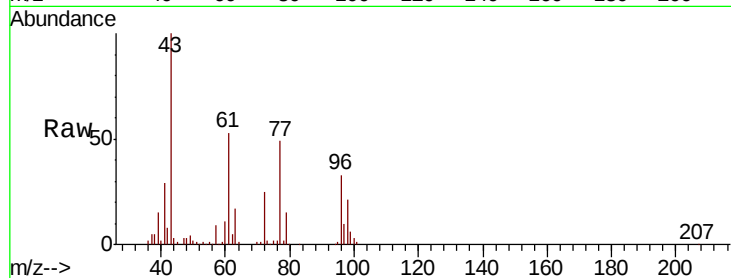
Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion: 96 Resp: 100111

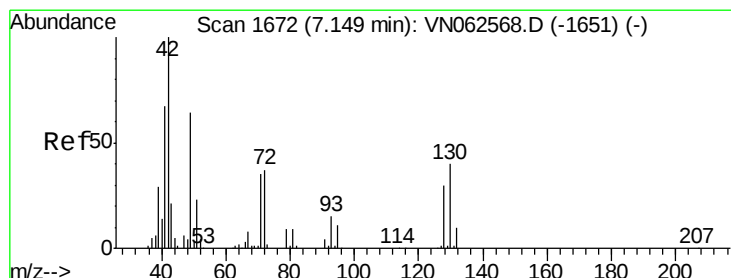
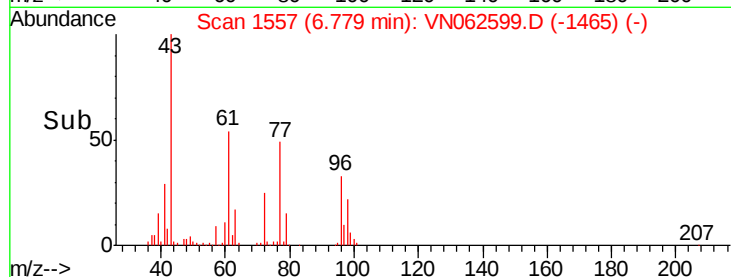
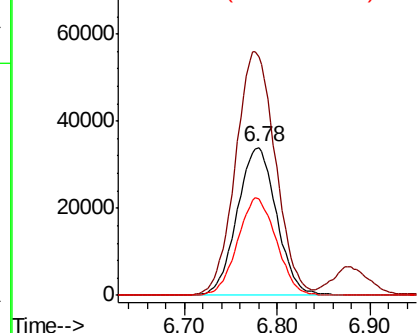
Ion	Ratio	Lower	Upper
96	100		
61	166.9	0.0	332.4
98	64.9	0.0	127.4



Abundance Ion 95.90 (95.60 to 96.60): VN062568.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN062568.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN062568.D (-1535) (-)



#28

Bromochloromethane

Concen: 41.407 ug/l

RT: 7.15 min Scan# 1672

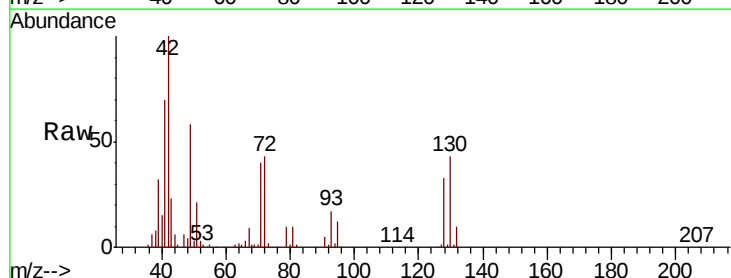
Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Tgt Ion: 49 Resp: 84718

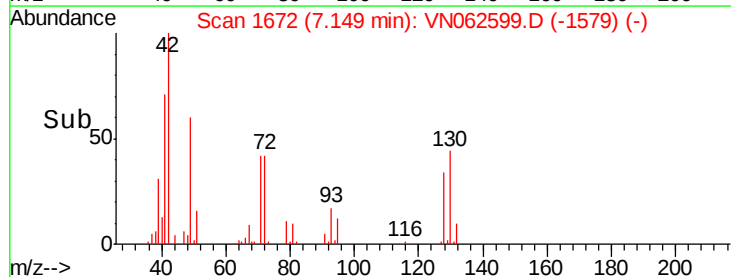
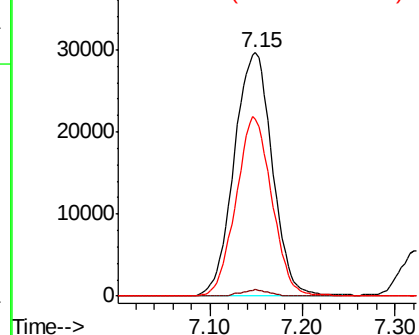
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	68.9	49.8	74.8

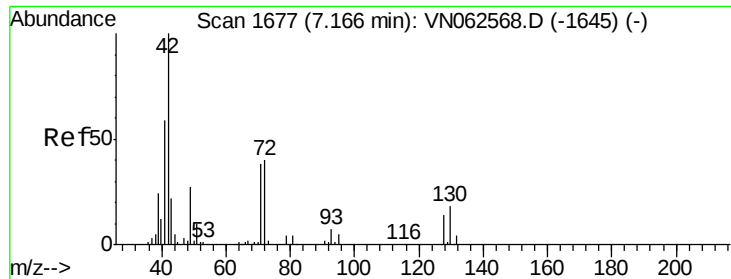


Abundance Ion 48.90 (48.60 to 49.60): VN062568.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN062568.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN062568.D (-1651) (-)





#29

Tetrahydrofuran

Concen: 189.898 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampled :

BFB

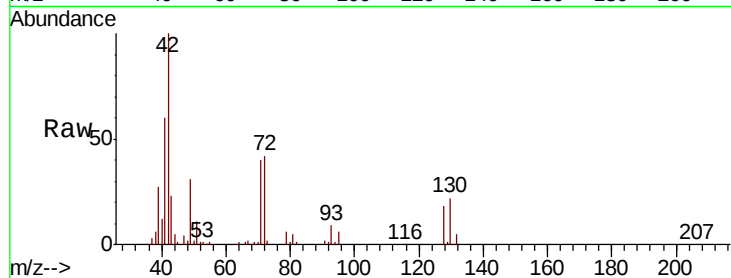
Tot Ion: 42 Resp: 191839

Ion Ratio Lower Upper

42 100

72 42.0 30.7 46.1

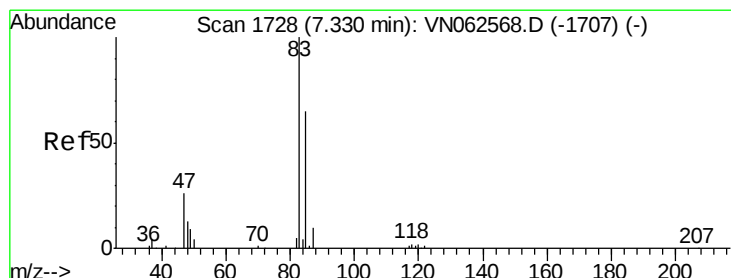
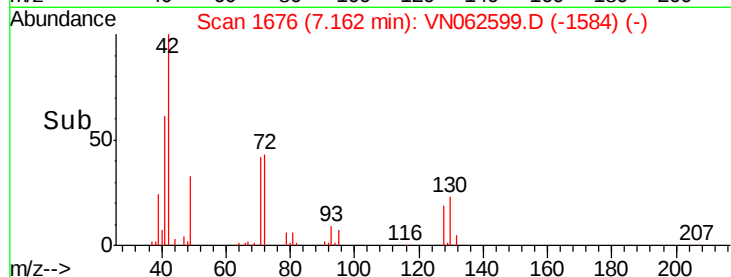
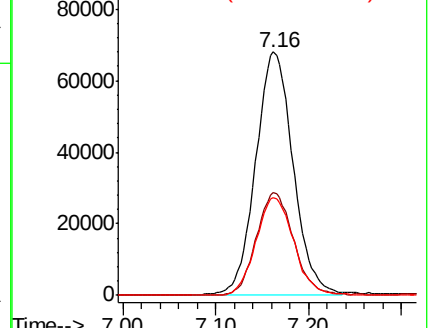
71 40.2 29.1 43.7



Abundance Ion 42.00 (41.70 to 42.70): VN062568.D (-1645) (-)

Ion 72.00 (71.70 to 72.70): VN062568.D (-1645) (-)

Ion 71.00 (70.70 to 71.70): VN062568.D (-1645) (-)



#30

Chloroform

Concen: 45.555 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062599.D

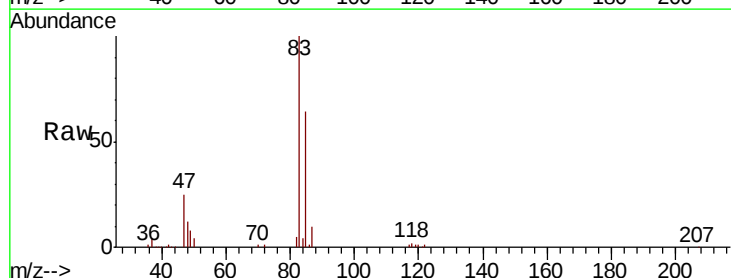
Acq: 27 Jul 2020 14:42

Tgt Ion: 83 Resp: 180072

Ion Ratio Lower Upper

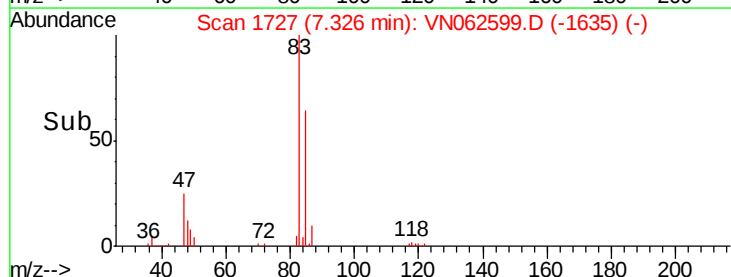
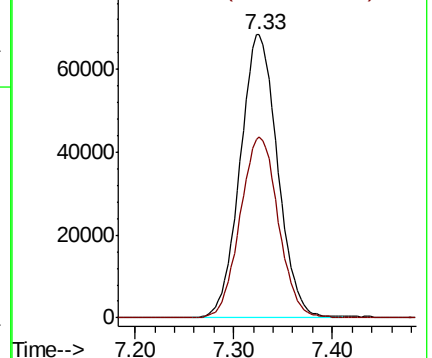
83 100

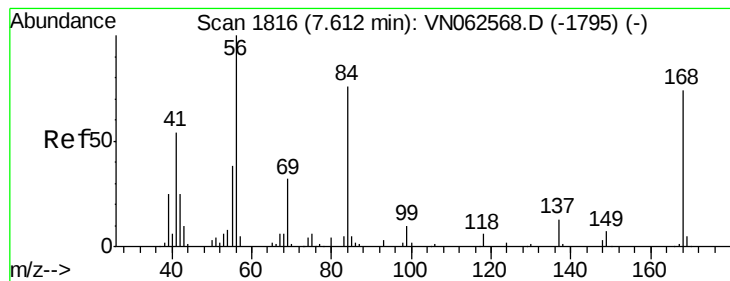
85 63.7 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VN062568.D (-1707) (-)

Ion 84.90 (84.60 to 85.60): VN062568.D (-1707) (-)





#31

Cyclohexane

Concen: 40.805 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

BFB

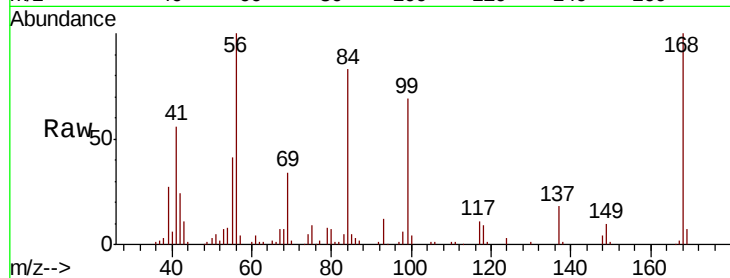
Tot Ion: 56 Resp: 156627

Ion Ratio Lower Upper

56 100

69 34.2 25.3 37.9

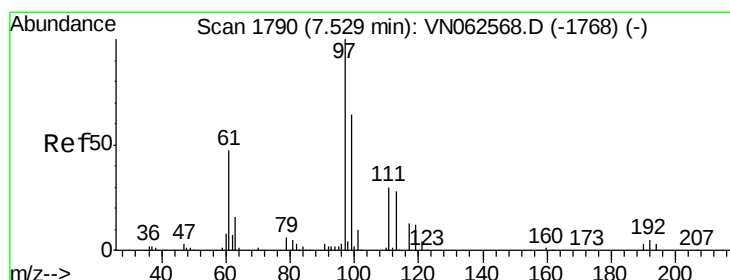
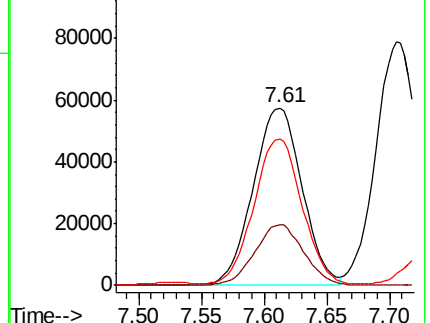
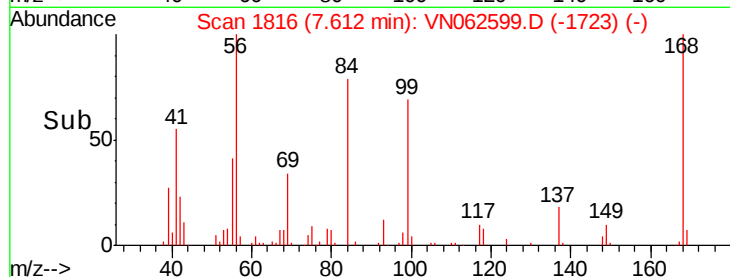
84 81.4 61.0 91.4



Abundance Ion 56.00 (55.70 to 56.70): VN062599.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062599.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062599.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 50.105 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

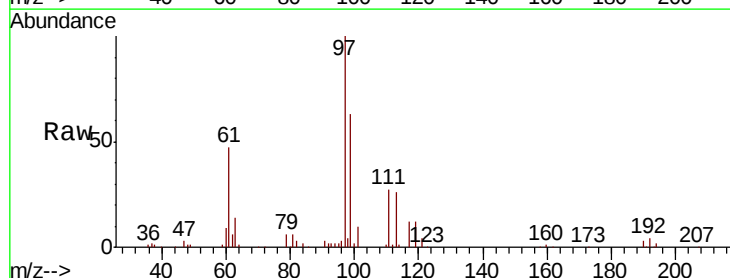
Tgt Ion: 97 Resp: 165358

Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

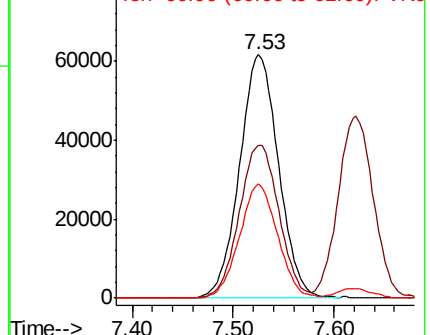
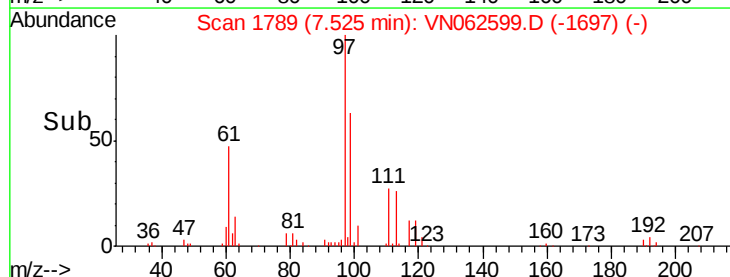
61 45.9 38.4 57.6

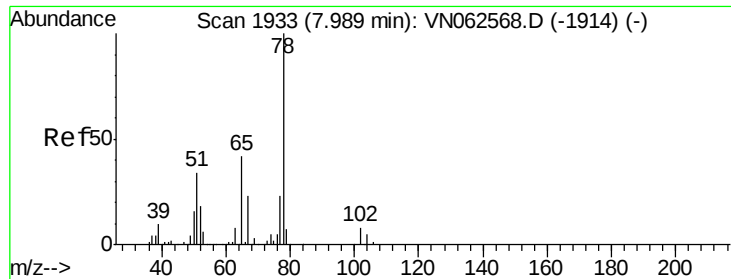


Abundance Ion 96.90 (96.60 to 97.60): VN062599.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062599.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062599.D (-1697) (-)

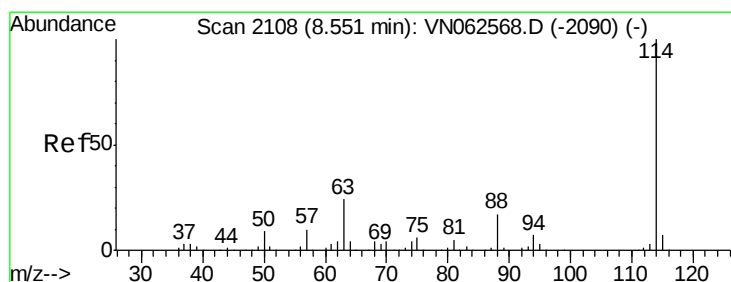
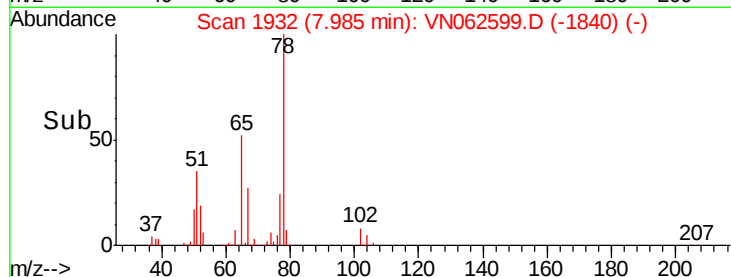
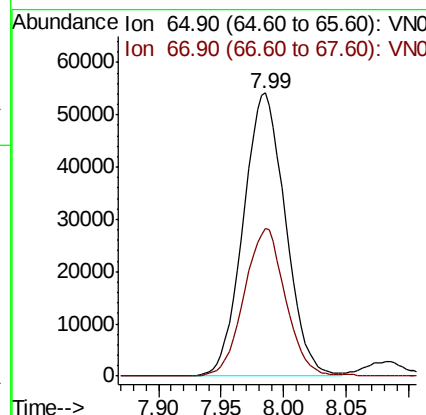
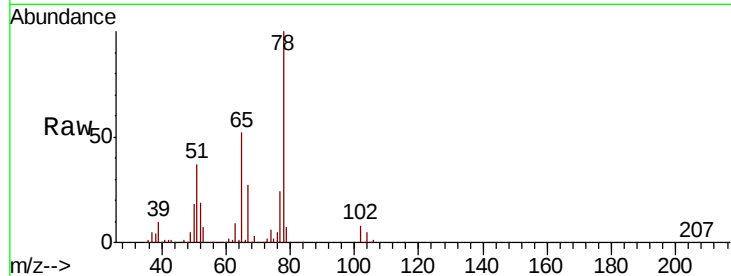




#33
 1,2-Dichloroethane-d4
 Concen: 48.624 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

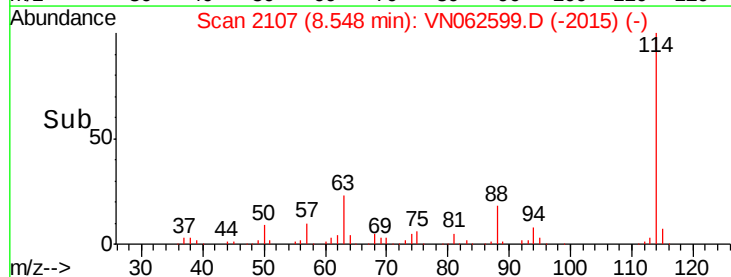
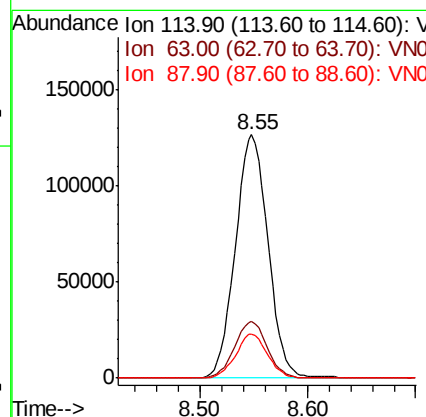
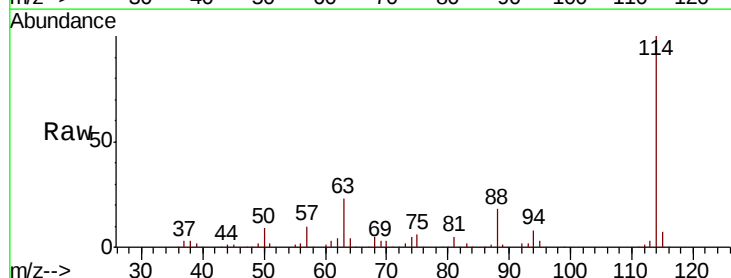
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

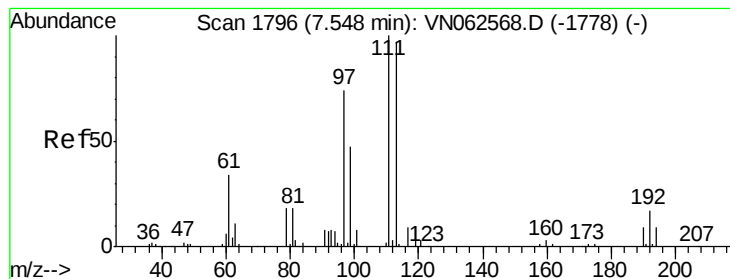
Tot Ion: 65 Resp: 126667
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Tgt Ion: 114 Resp: 266880
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 48.4
 88 18.1 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.054 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

BFB

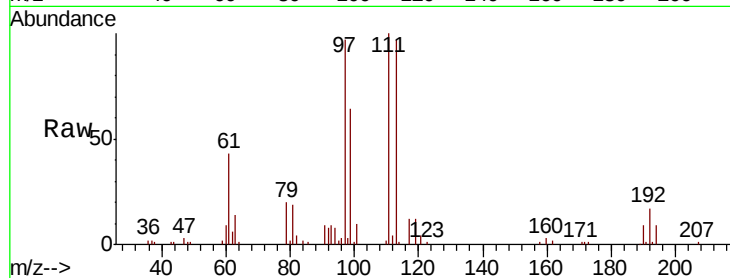
Tot Ion:113 Resp: 85993

Ion Ratio Lower Upper

113 100

111 102.9 82.7 124.1

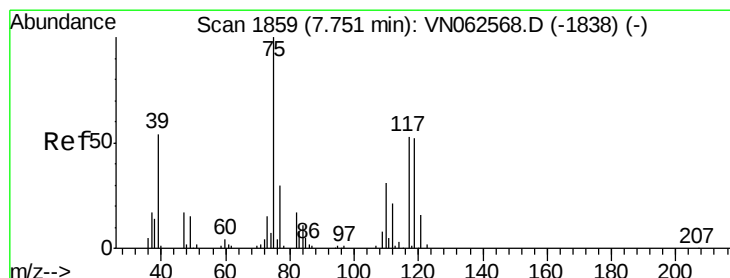
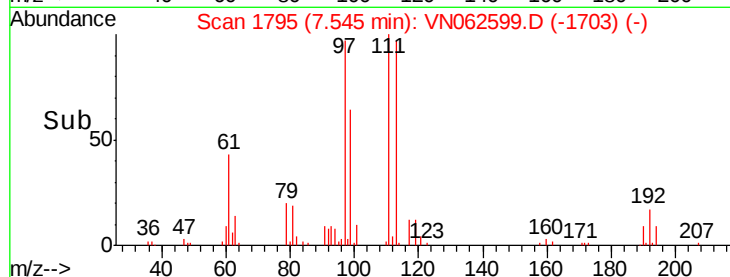
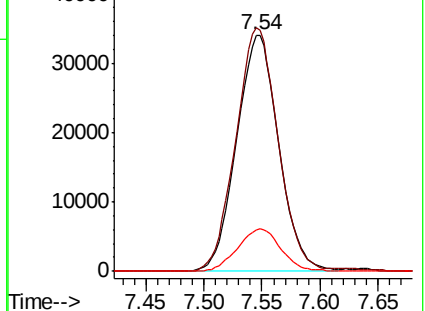
192 18.5 14.8 22.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.713 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

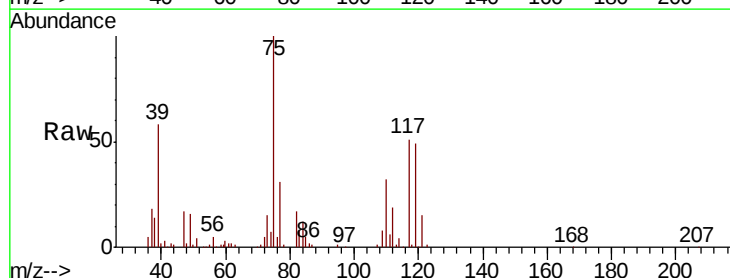
Tgt Ion: 75 Resp: 138573

Ion Ratio Lower Upper

75 100

110 31.7 16.0 48.0

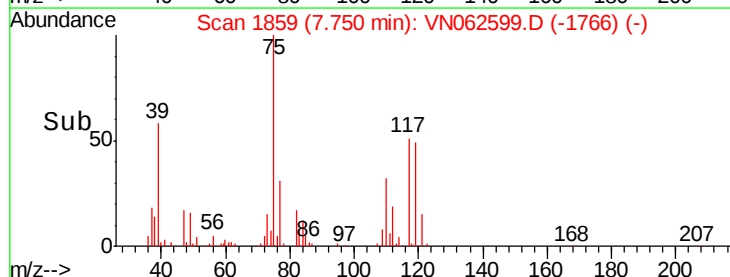
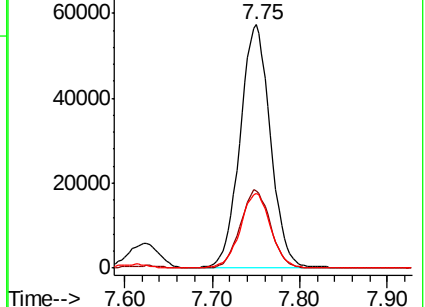
77 30.8 24.6 36.8

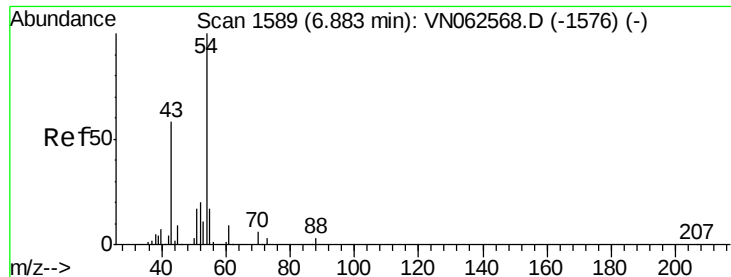


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

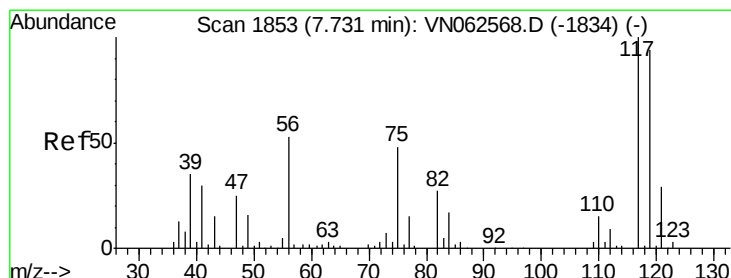
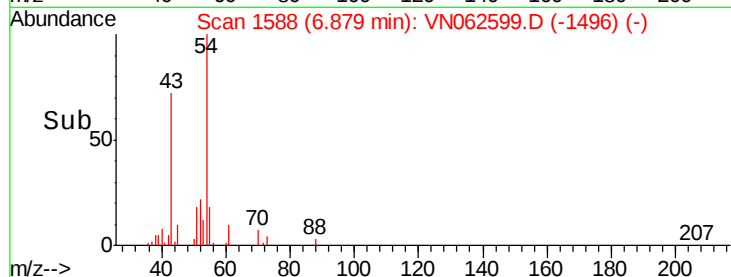
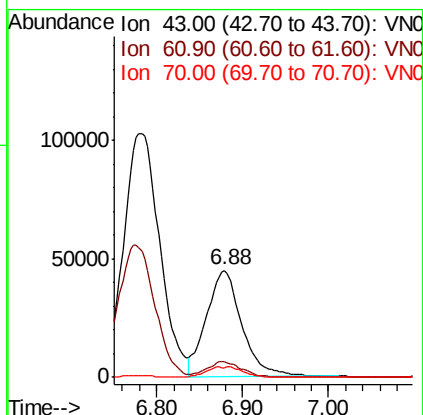
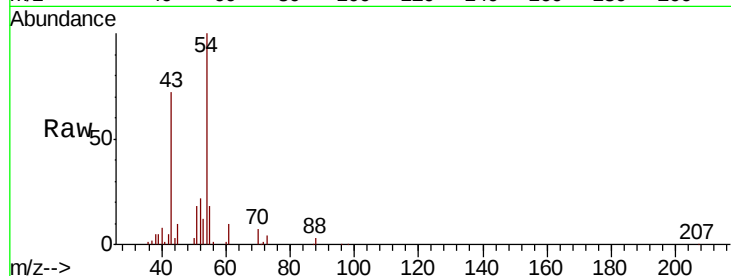




#37
Ethyl Acetate
Concen: 41.972 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

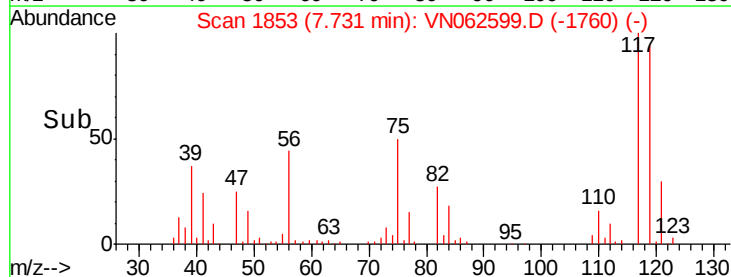
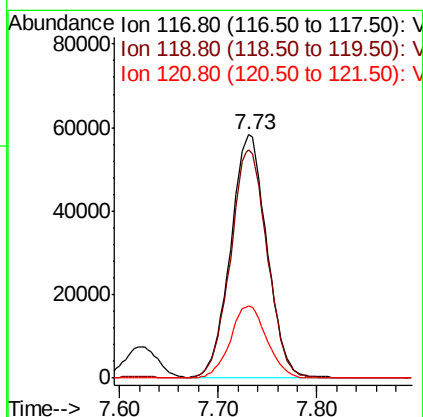
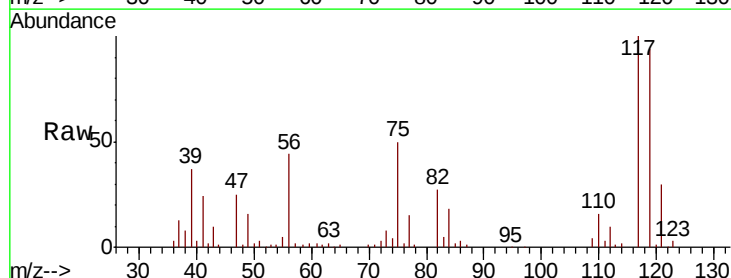
Instrument :
MSVOA_N
ClientSampled :
BFB

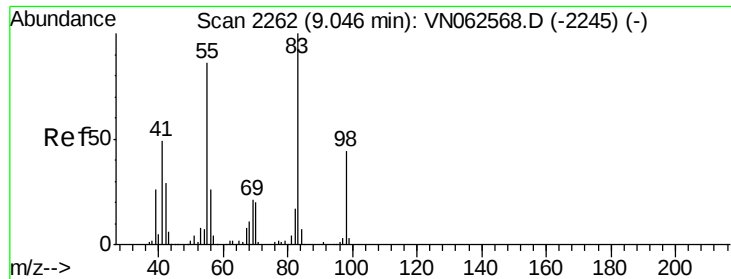
Tot Ion: 43 Resp: 128703
Ion Ratio Lower Upper
43 100
61 13.3 11.3 16.9
70 4.6 7.7 11.5#



#38
Carbon Tetrachloride
Concen: 54.172 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion: 117 Resp: 148126
Ion Ratio Lower Upper
117 100
119 93.8 74.8 112.2
121 29.6 23.0 34.6

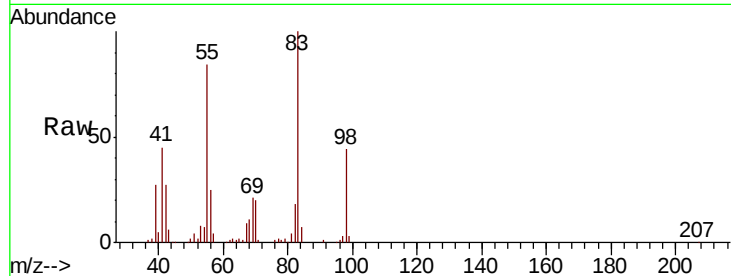




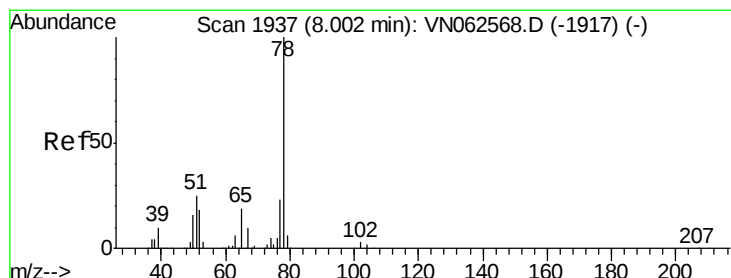
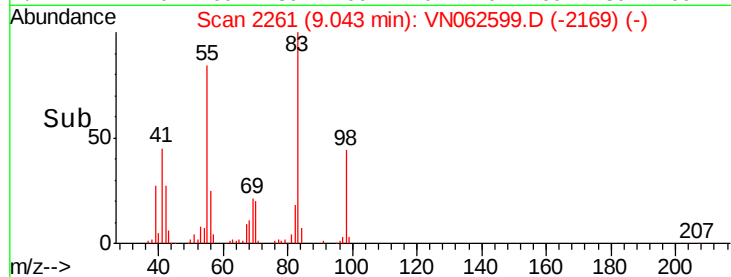
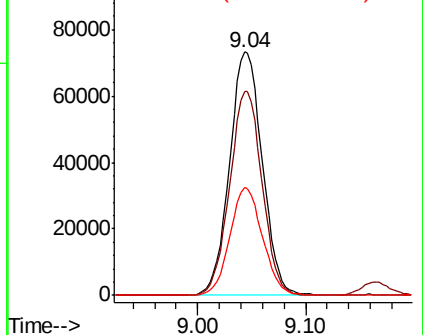
#39
Methvlcvclohexane
Concen: 50.696 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion: 83 Resp: 155240
Ion Ratio Lower Upper
83 100
55 83.8 68.9 103.3
98 44.2 35.1 52.7

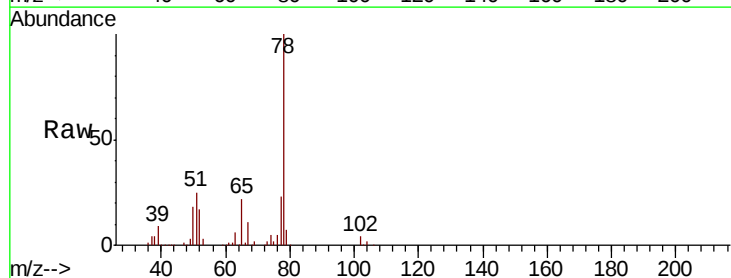


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

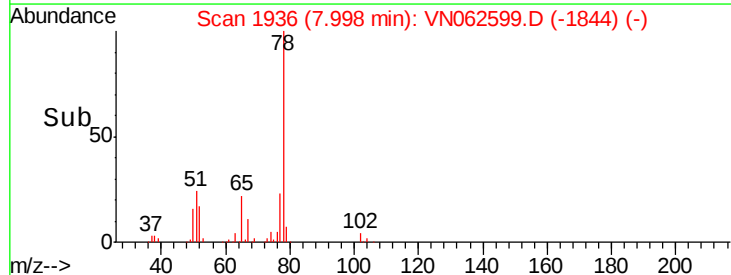
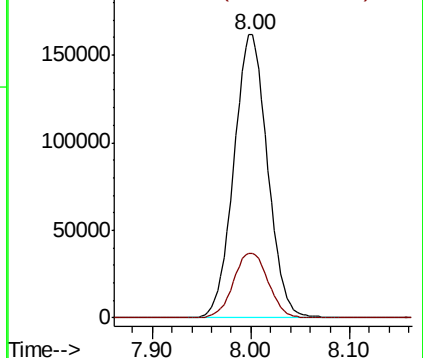


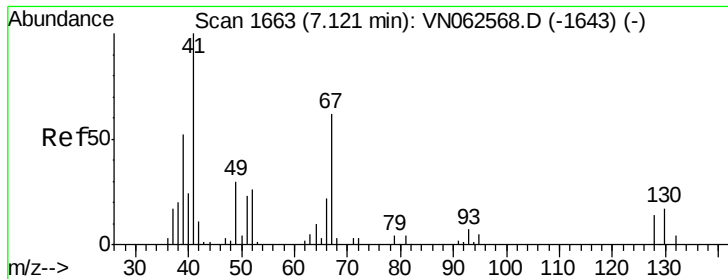
#40
Benzene
Concen: 44.493 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion: 78 Resp: 383182
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1



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

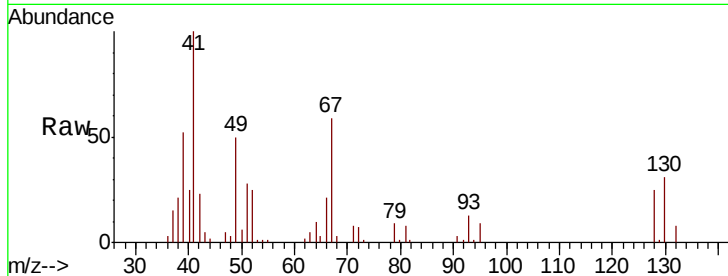




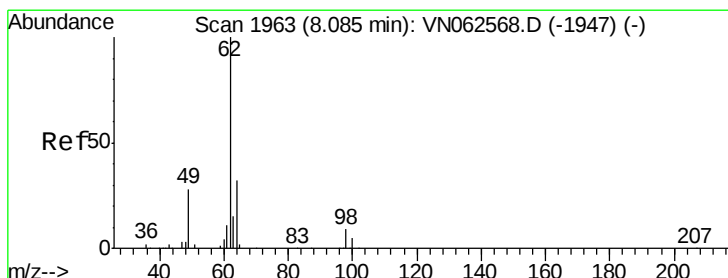
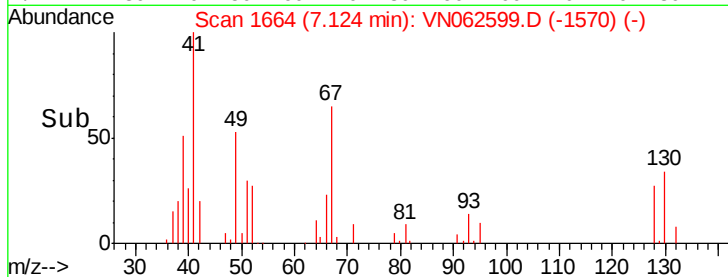
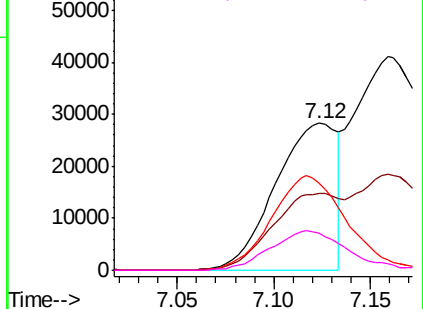
#41
Methacrylonitrile
Concen: 47.613 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion: 41 Resp: 62573
Ion Ratio Lower Upper
41 100
39 58.7 55.8 83.6
67 79.0 72.5 108.7
52 34.0 31.8 47.8

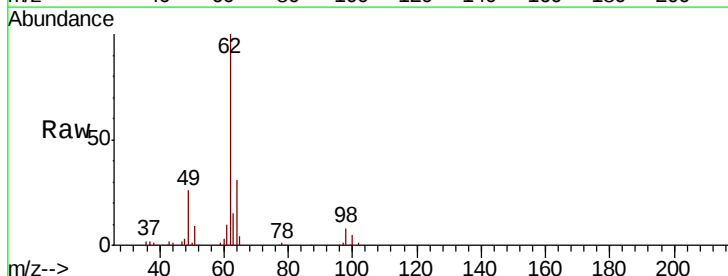


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

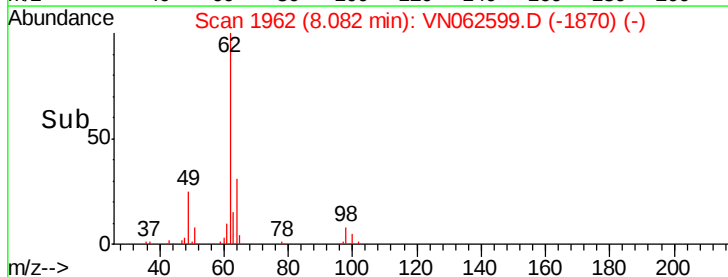
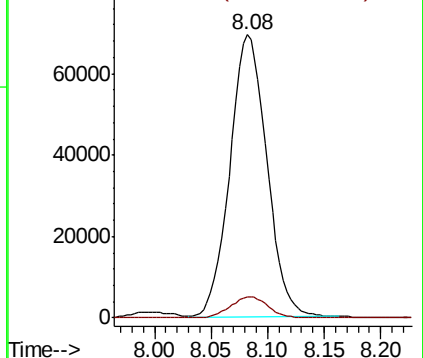


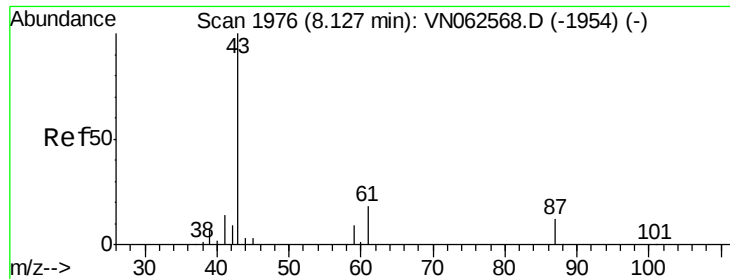
#42
1,2-Dichloroethane
Concen: 50.076 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion: 62 Resp: 157665
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.2



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





#43

Isopropyl Acetate

Concen: 43.528 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

BFB

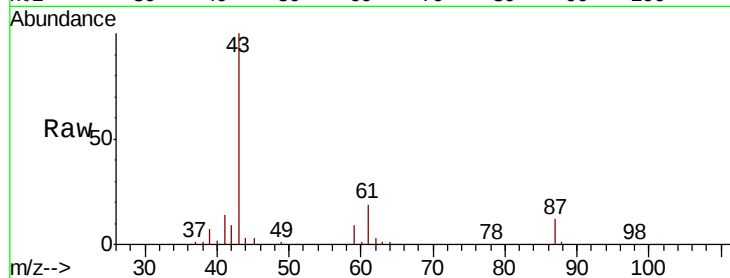
Tot Ion: 43 Resp: 215171

Ion Ratio Lower Upper

43 100

61 19.3 20.8 31.2#

87 12.1 9.2 13.8

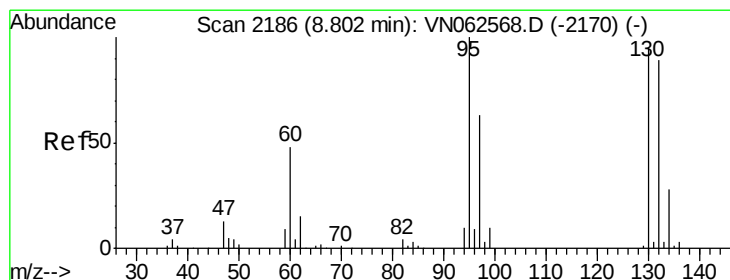
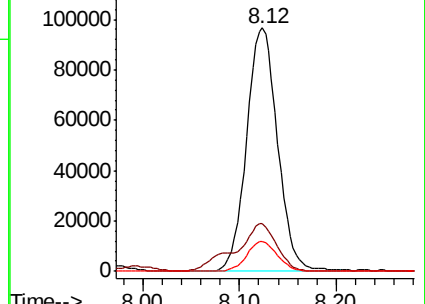
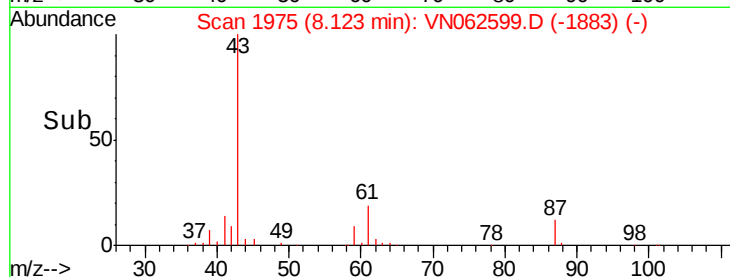


Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-1954) (-)

Ion 61.00 (60.70 to 61.70): VN062568.D (-1954) (-)

Ion 87.00 (86.70 to 87.70): VN062568.D (-1954) (-)

Time-->



#44

Trichloroethene

Concen: 47.849 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062599.D

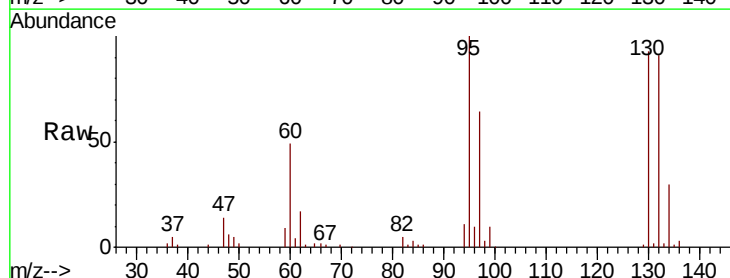
Acq: 27 Jul 2020 14:42

Tgt Ion:130 Resp: 92928

Ion Ratio Lower Upper

130 100

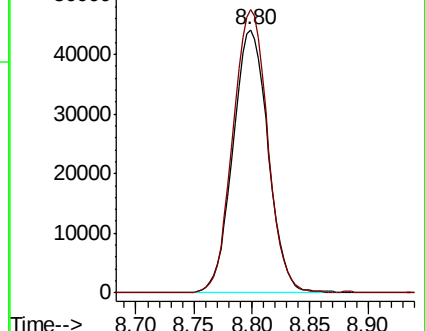
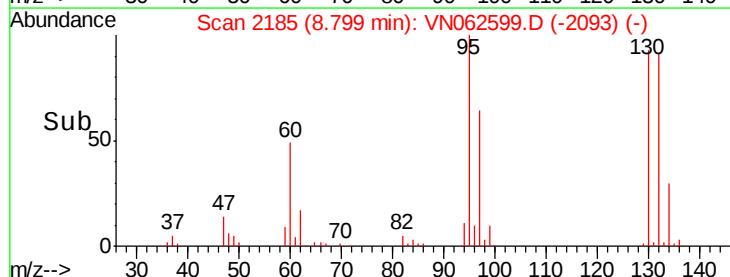
95 107.4 0.0 210.4

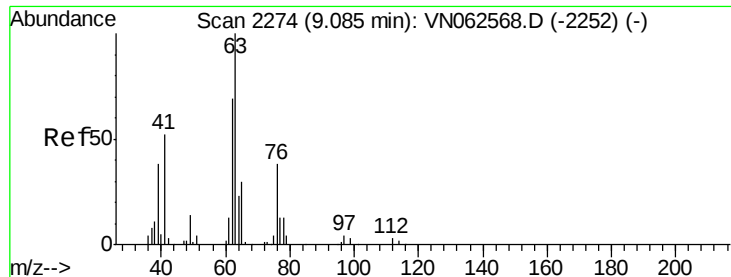


Abundance Ion 129.80 (129.50 to 130.50): VN062568.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062568.D (-2170) (-)

Time-->

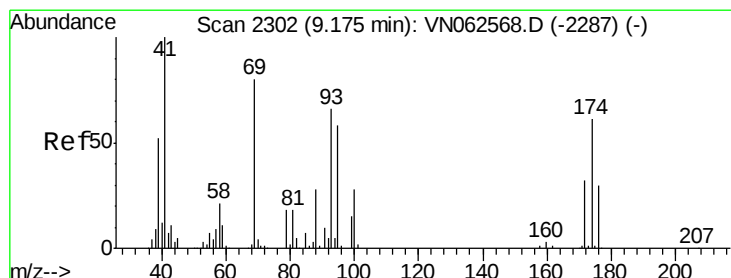
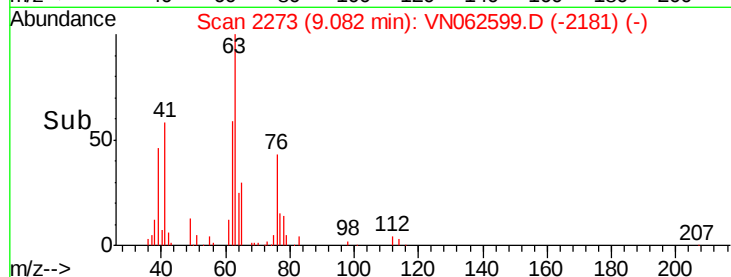
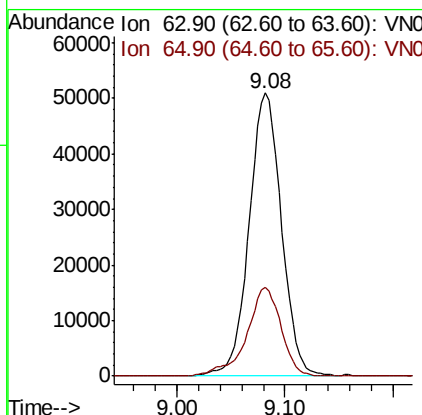
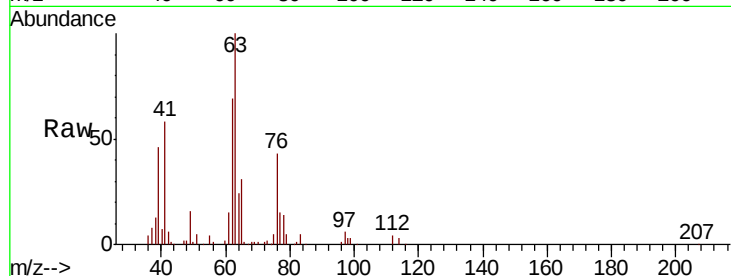




#45
 1,2-Dichloropropane
 Concen: 43.935 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

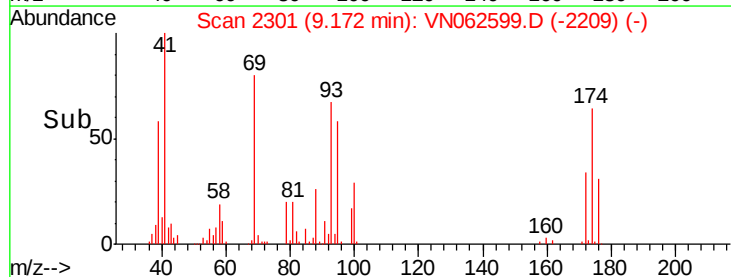
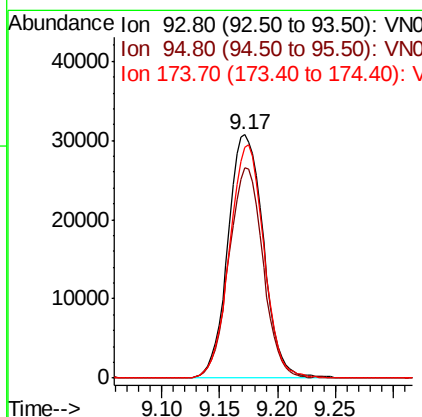
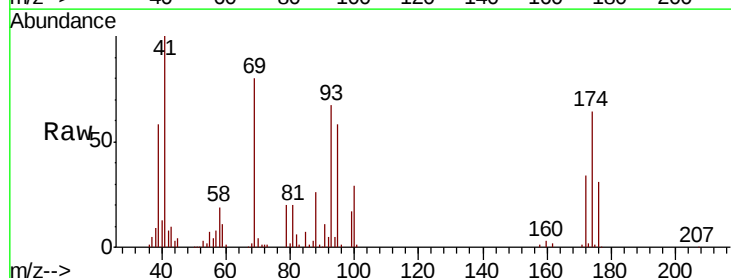
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

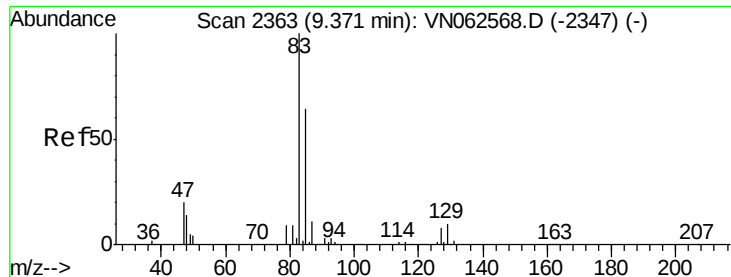
Tot Ion: 63 Resp: 106235
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.4 36.6



#46
 Dibromomethane
 Concen: 46.635 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Tgt Ion: 93 Resp: 65175
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.6 101.4
 174 92.7 72.5 108.7





#47

Bromodichloromethane

Concen: 49.207 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

BFB

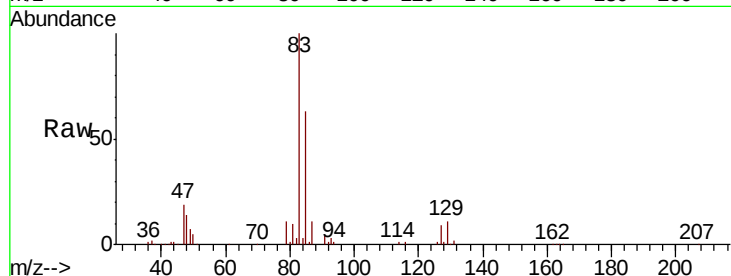
Tot Ion: 83 Resp: 148986

Ion Ratio Lower Upper

83 100

85 63.4 51.6 77.4

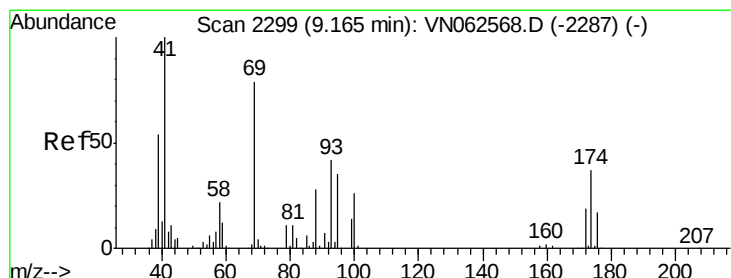
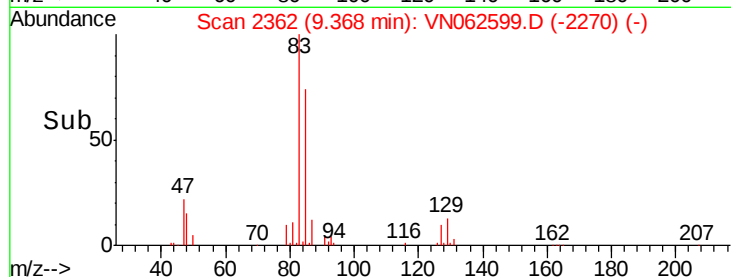
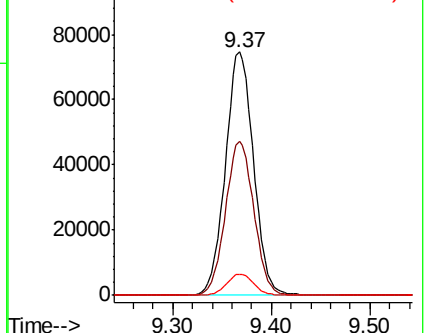
127 8.8 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062568.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN062568.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN062568.D (-2347) (-)



#48

Methyl methacrylate

Concen: 43.819 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

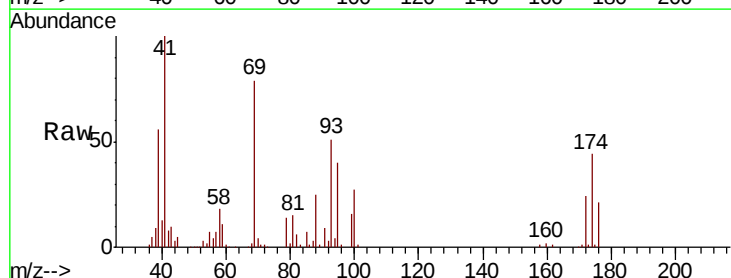
Tgt Ion: 41 Resp: 102968

Ion Ratio Lower Upper

41 100

69 81.4 64.4 96.6

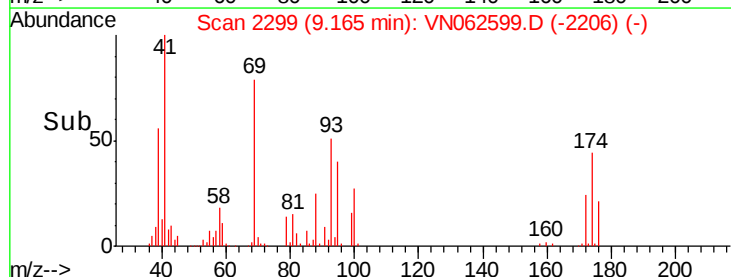
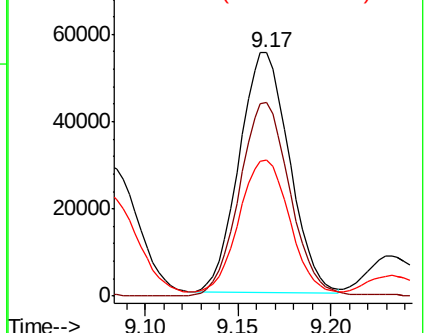
39 58.4 43.5 65.3

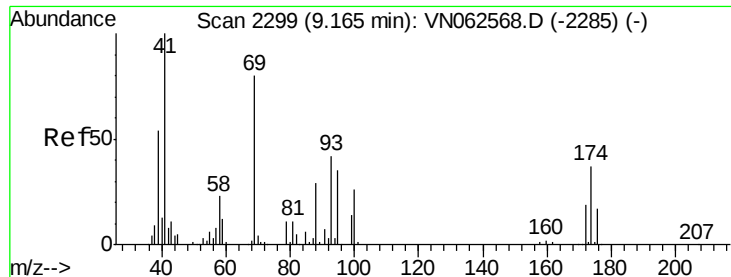


Abundance Ion 41.00 (40.70 to 41.70): VN062568.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062568.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062568.D (-2287) (-)

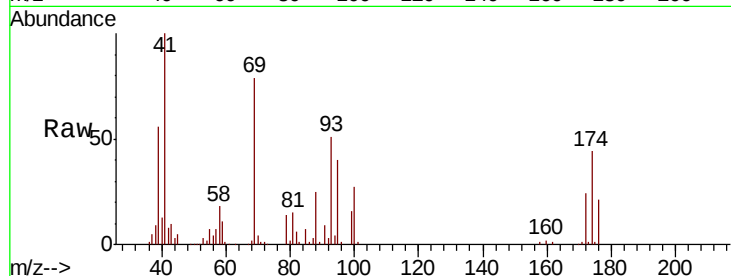




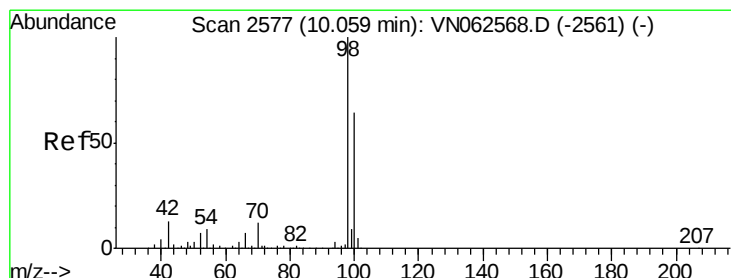
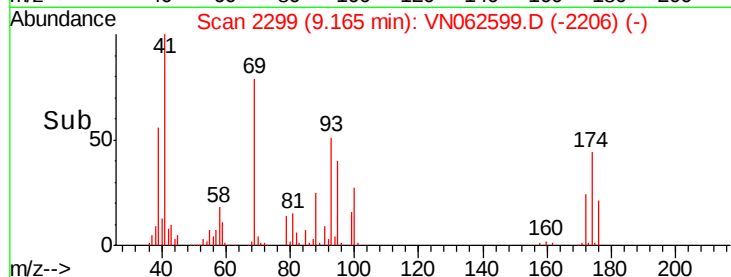
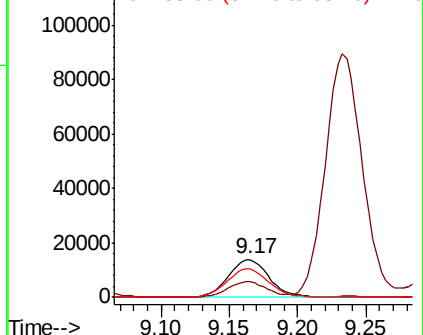
#49
1,4-Dioxane
Concen: 798.898 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion: 88 Resp: 28833
Ion Ratio Lower Upper
88 100
43 39.4 32.0 48.0
58 77.2 62.8 94.2

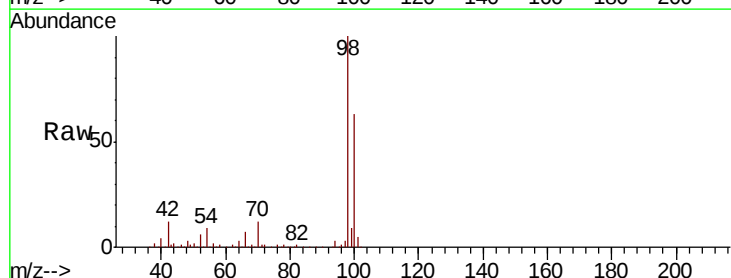


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

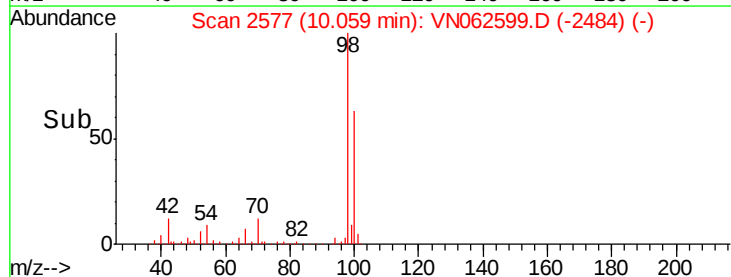
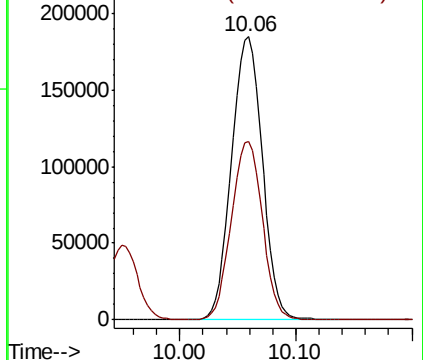


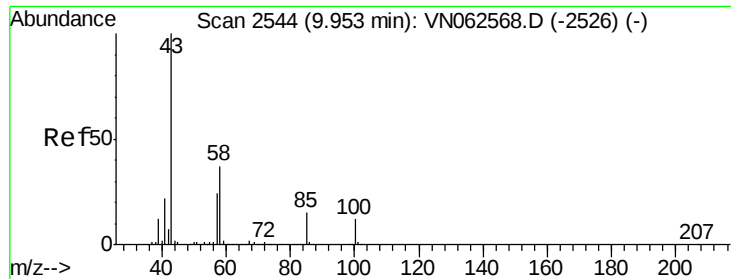
#50
Toluene-d8
Concen: 48.755 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion: 98 Resp: 341010
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 212.421 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampled :

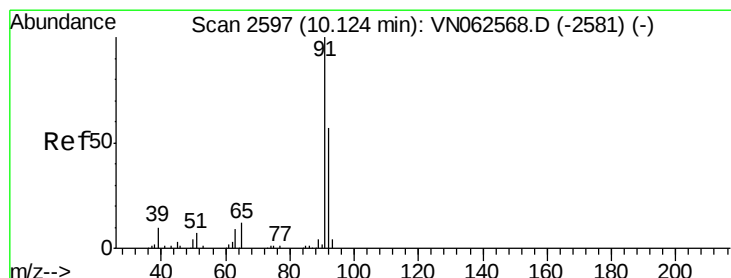
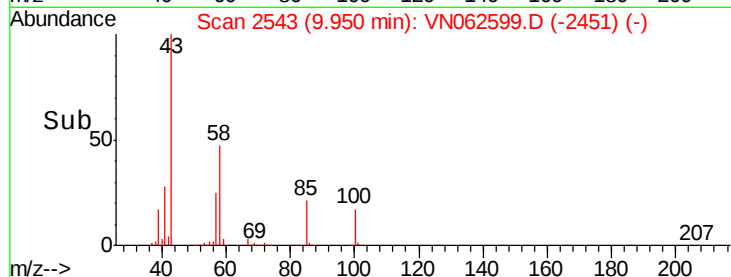
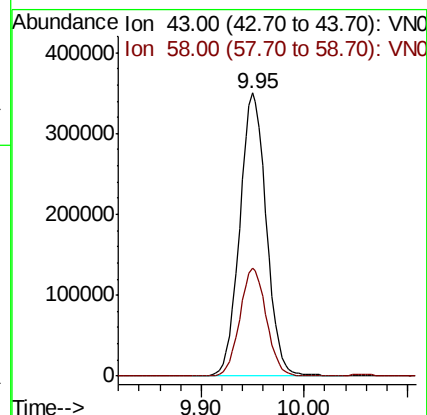
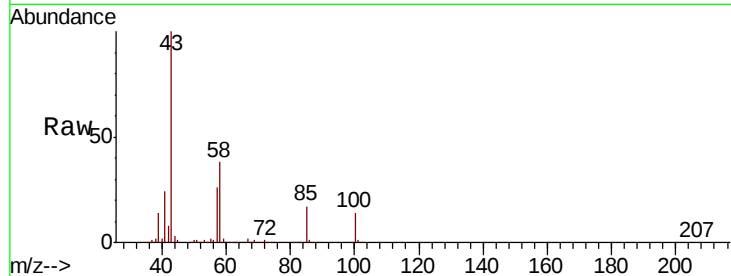
BFB

Tot Ion: 43 Resp: 628285

Ion Ratio Lower Upper

43 100

58 38.0 29.8 44.6



#52

Toluene

Concen: 48.200 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062599.D

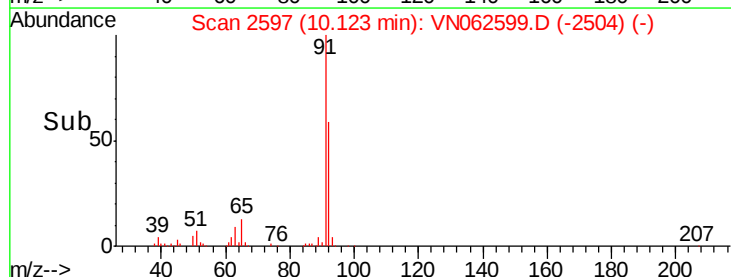
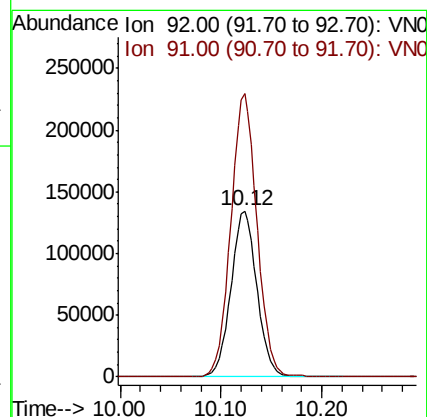
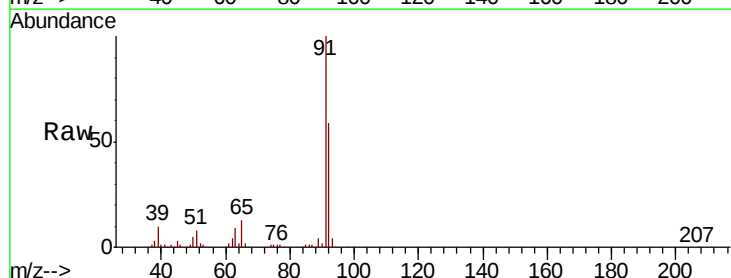
Acq: 27 Jul 2020 14:42

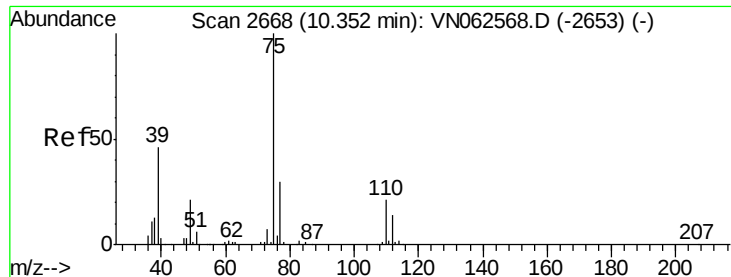
Tgt Ion: 92 Resp: 241036

Ion Ratio Lower Upper

92 100

91 171.9 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 50.163 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampled :

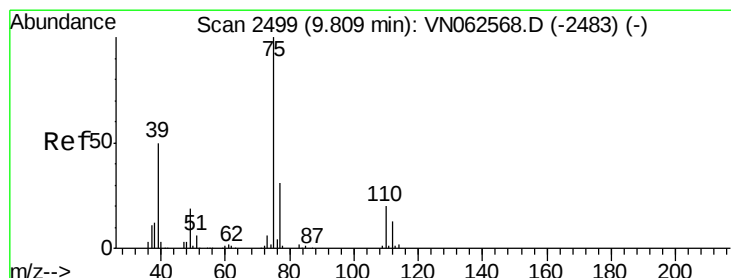
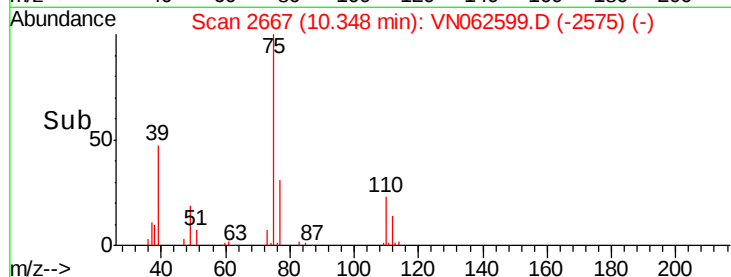
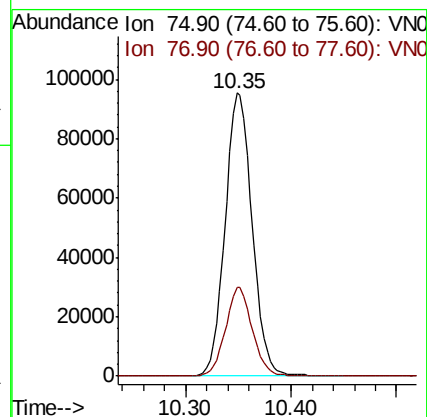
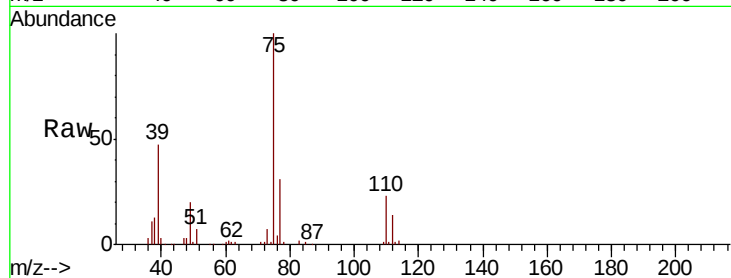
BFB

Tot Ion: 75 Resp: 169075

Ion Ratio Lower Upper

75 100

77 31.4 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 48.691 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

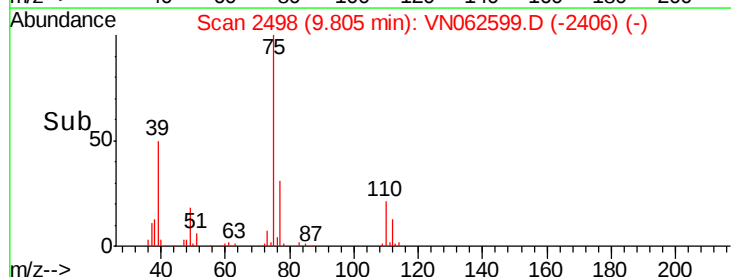
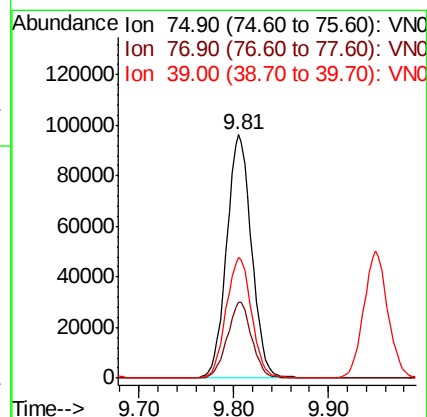
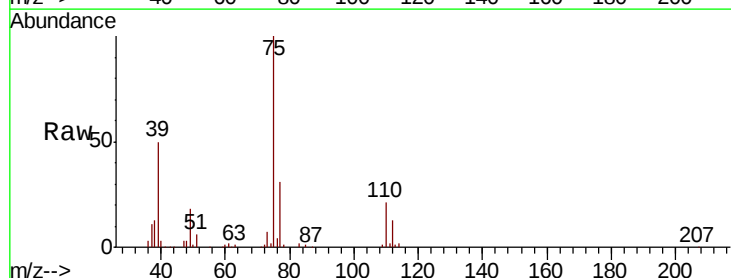
Tgt Ion: 75 Resp: 176102

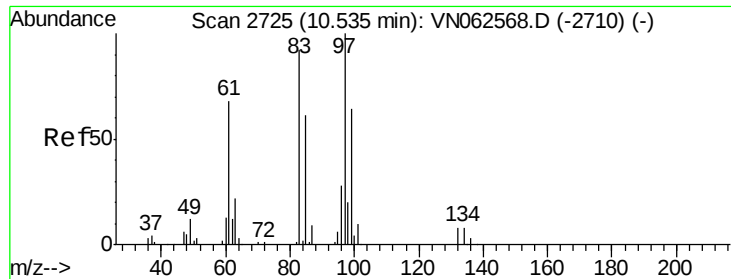
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6

39 49.6 39.8 59.8

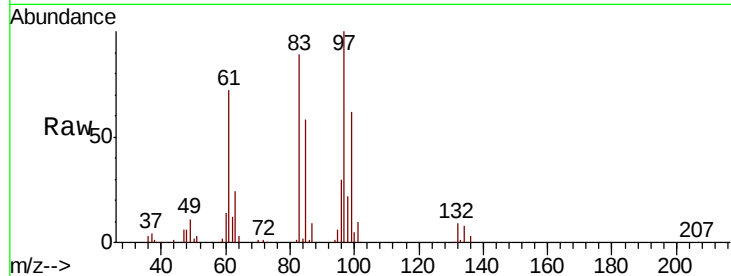




#55
 1,1,2-Trichloroethane
 Concen: 47.556 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Tot Ion:	97	Resp:	92246
Ion	Ratio	Lower	Upper
97	100		
83	89.4	73.7	110.5
85	58.2	48.5	72.7
99	61.9	50.8	76.2



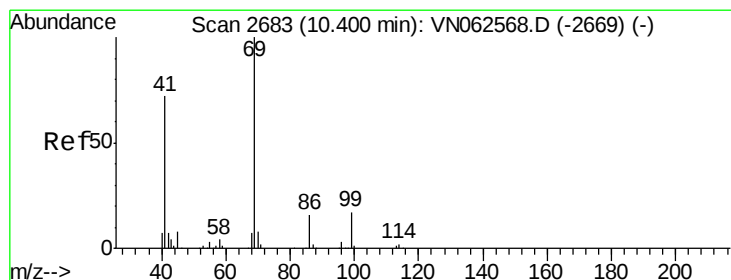
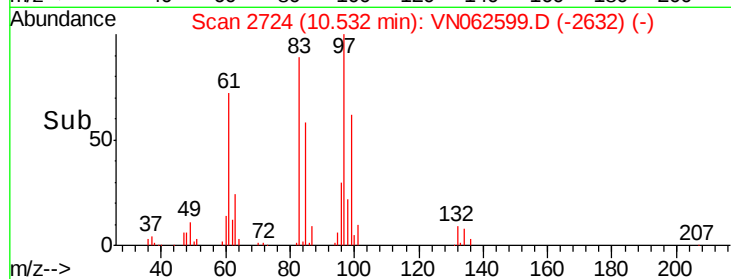
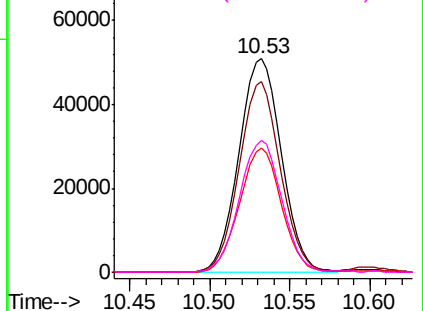
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

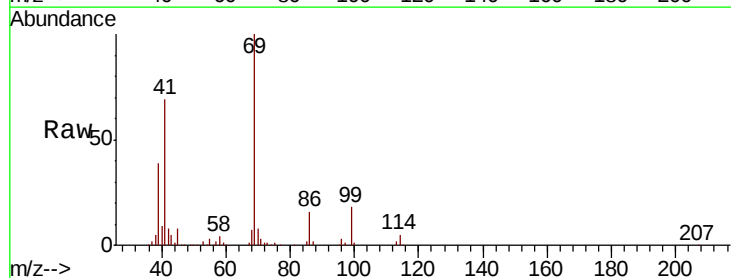
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 42.585 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Tgt Ion:	69	Resp:	147379
Ion	Ratio	Lower	Upper
69	100		
41	69.5	57.2	85.8
39	39.0	28.6	43.0

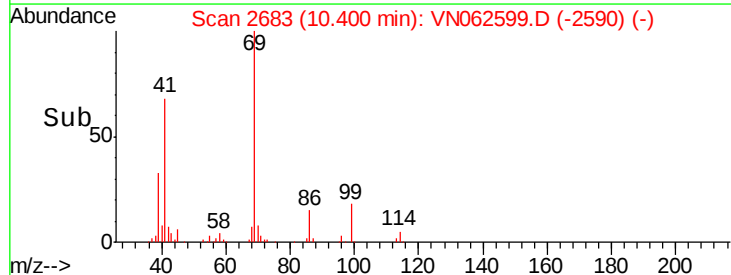
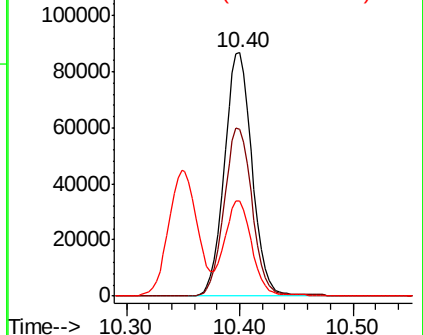


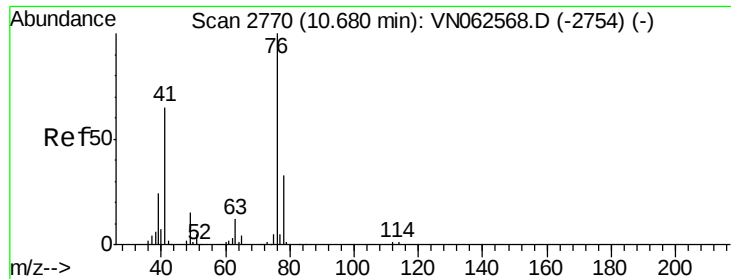
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

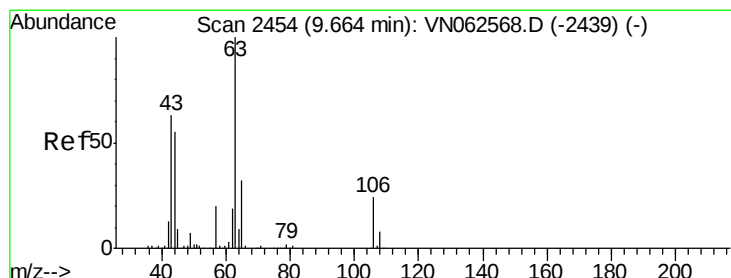
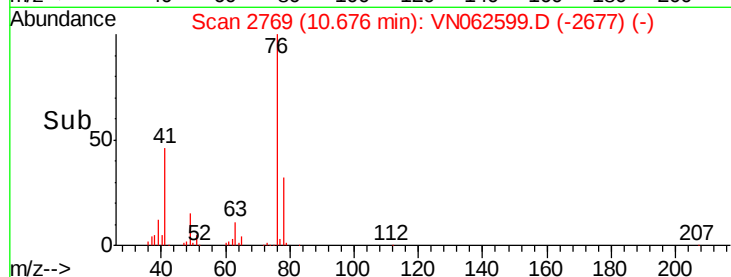
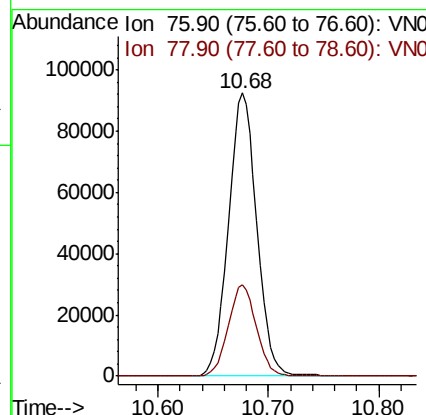
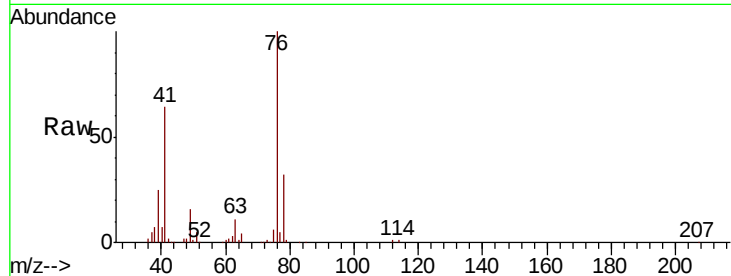




#57
 1,3-Dichloropropane
 Concen: 46.158 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

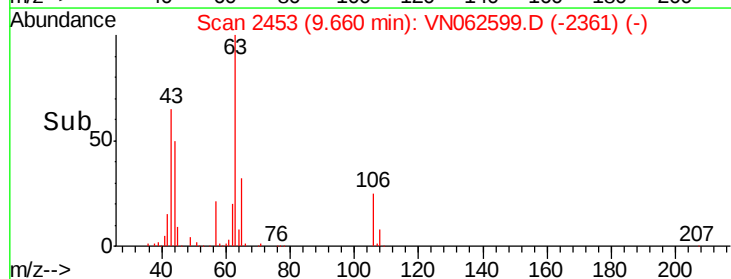
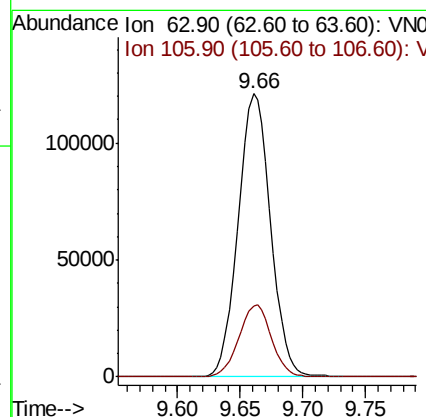
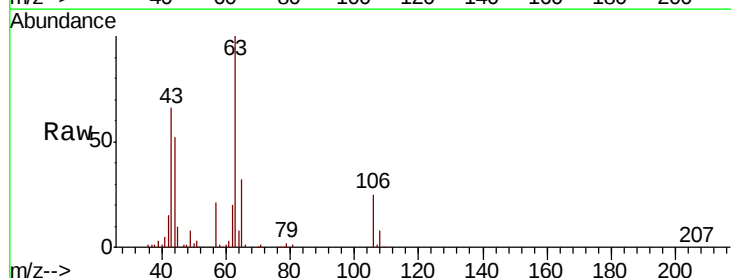
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

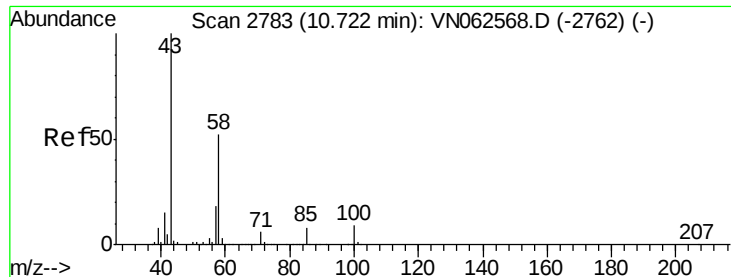
Tot Ion: 76 Resp: 164029
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 210.349 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Tgt Ion: 63 Resp: 217821
 Ion Ratio Lower Upper
 63 100
 106 25.5 18.9 28.3

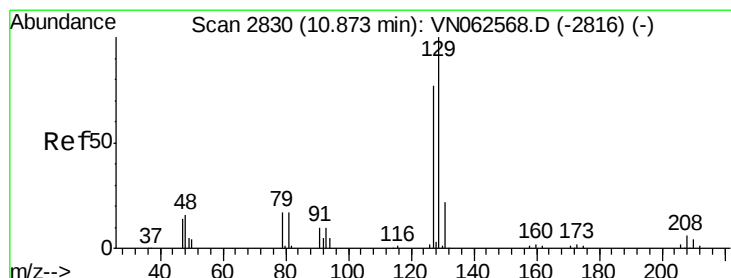
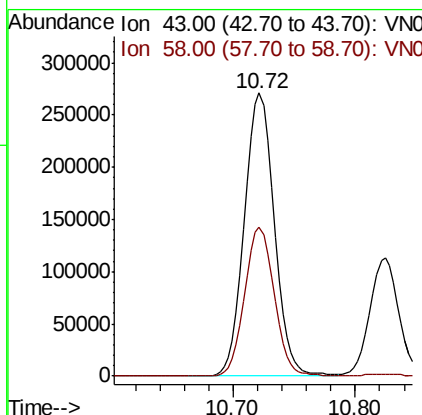
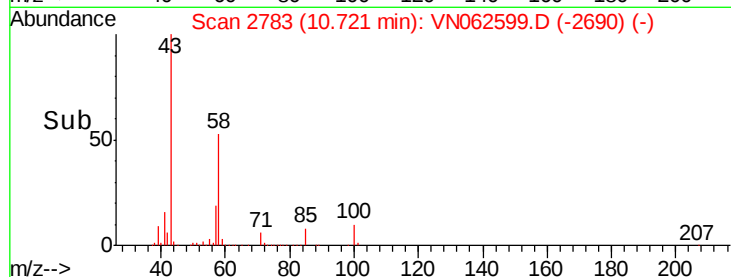
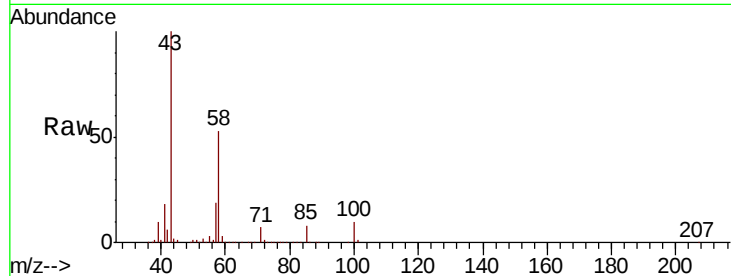




#59
2-Hexanone
Concen: 200.779 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

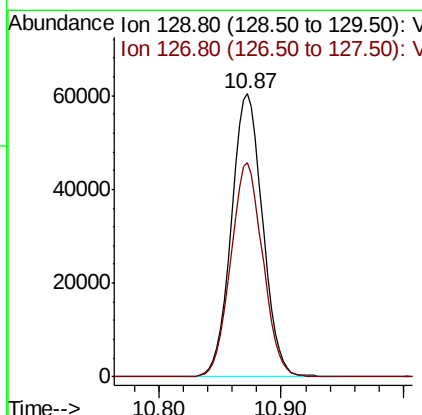
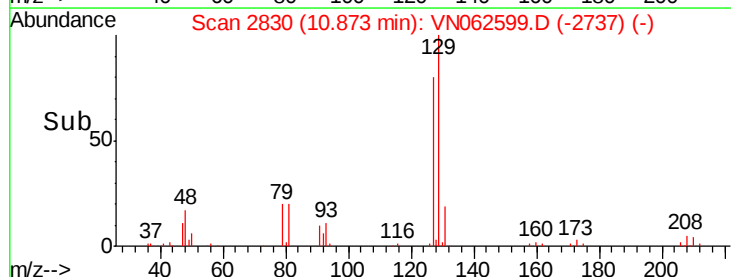
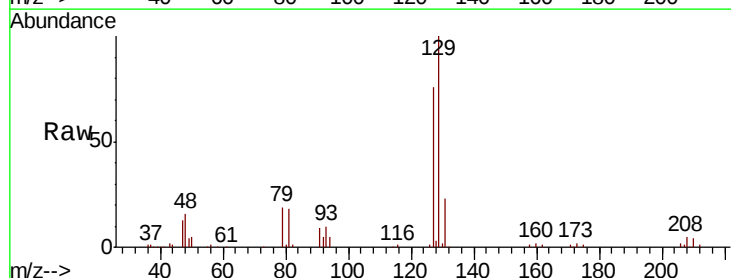
Instrument :
MSVOA_N
ClientSampleId :
BFB

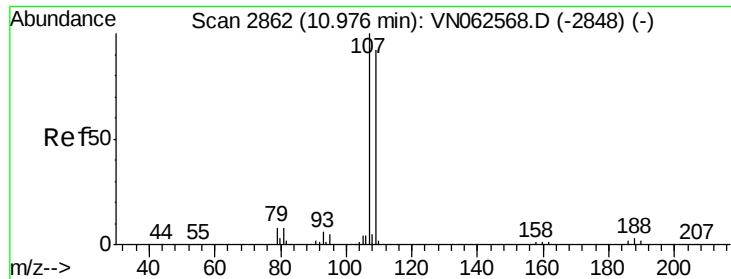
Tot Ion: 43 Resp: 457917
Ion Ratio Lower Upper
43 100
58 52.1 26.0 78.0



#60
Dibromochloromethane
Concen: 49.845 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion: 129 Resp: 107862
Ion Ratio Lower Upper
129 100
127 77.2 38.0 113.9

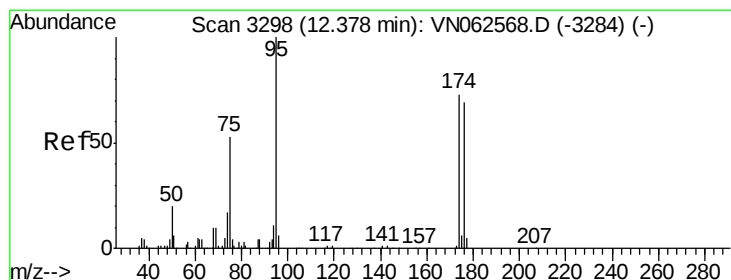
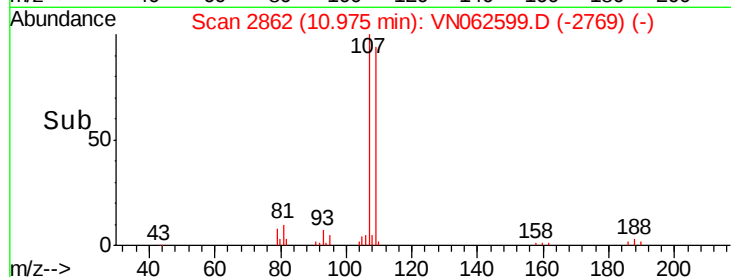
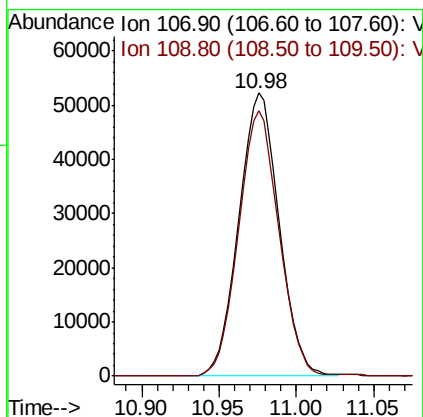
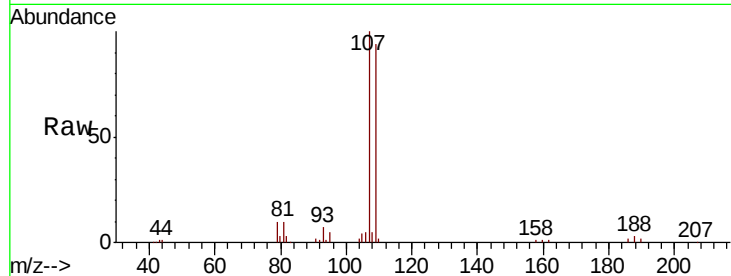




#61
 1,2-Dibromoethane
 Concen: 46.961 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

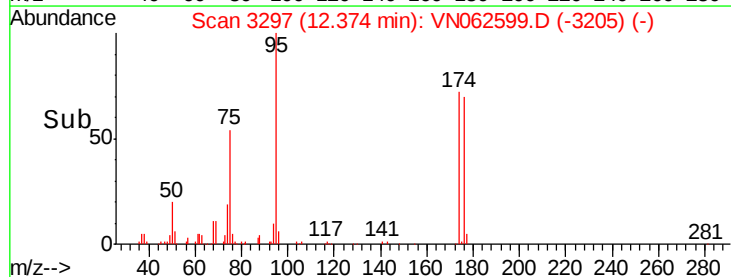
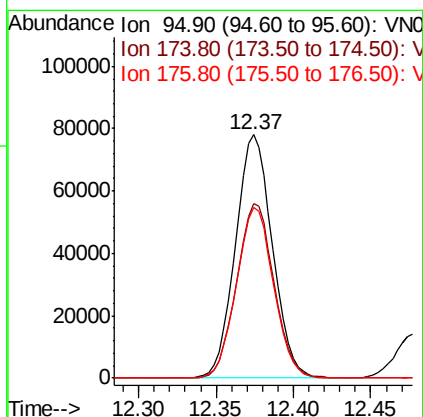
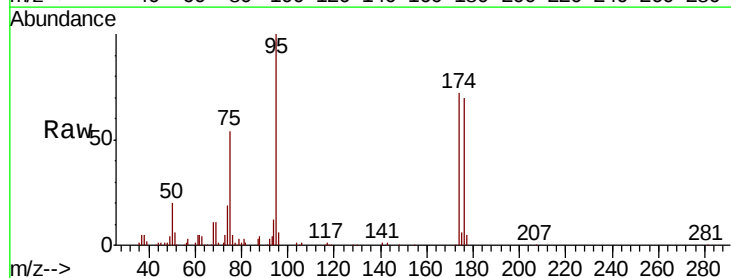
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

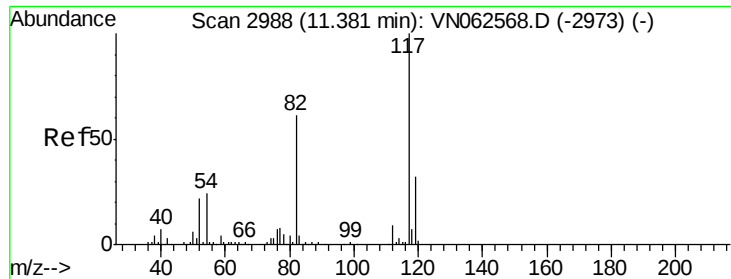
Tot Ion:107 Resp: 94854
 Ion Ratio Lower Upper
 107 100
 109 93.9 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 50.503 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Tgt Ion: 95 Resp: 129159
 Ion Ratio Lower Upper
 95 100
 174 72.7 0.0 144.6
 176 70.6 0.0 139.4

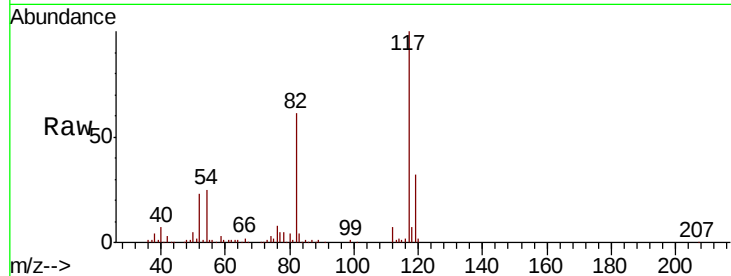




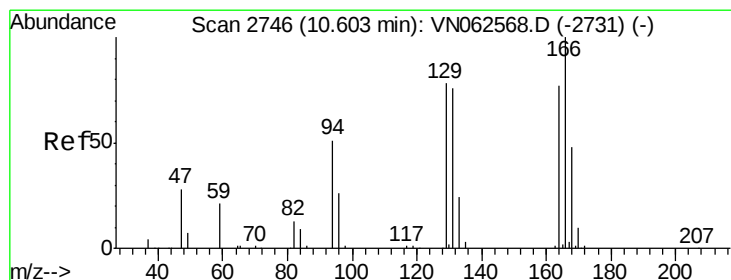
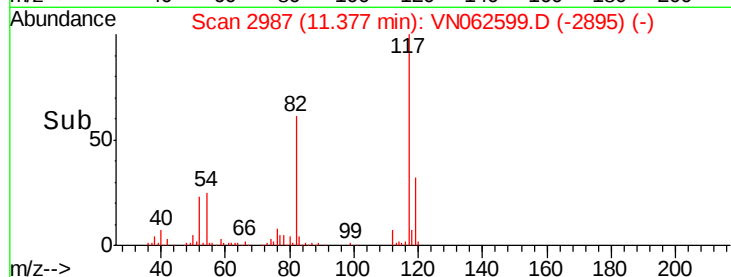
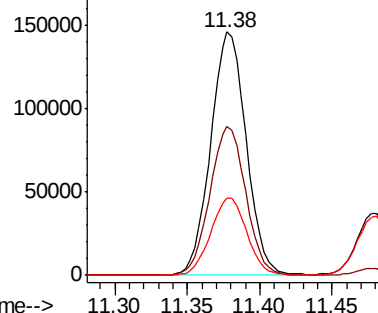
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion:117 Resp: 248670
Ion Ratio Lower Upper
117 100
82 61.4 49.0 73.6
119 31.9 25.4 38.2

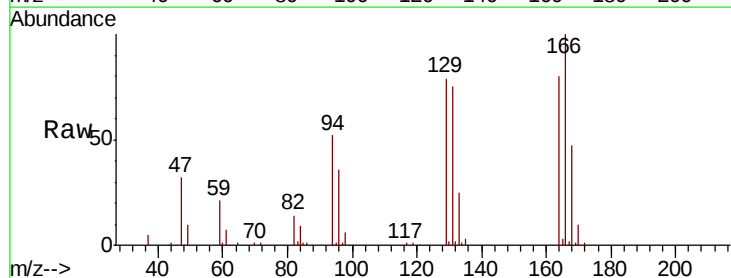


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

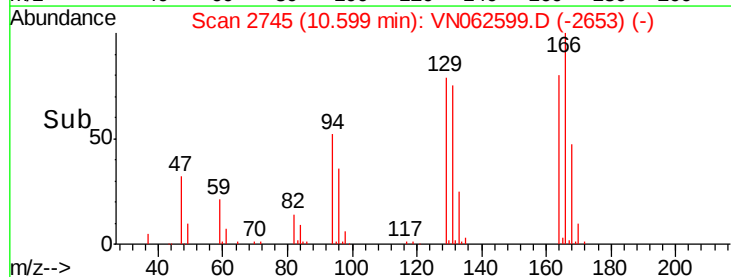
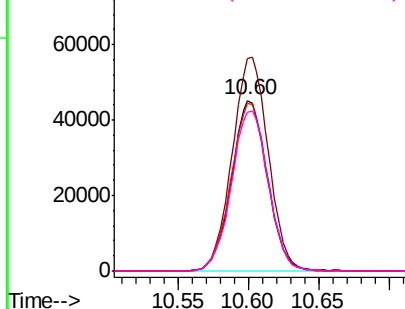


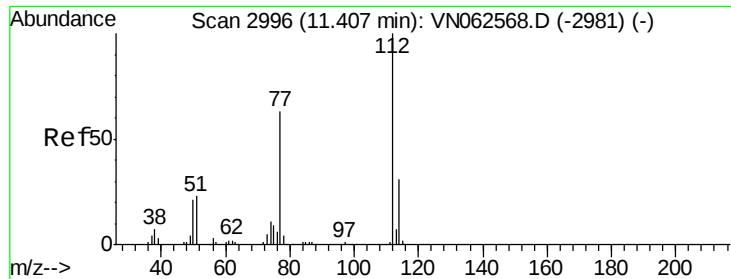
#64
Tetrachloroethene
Concen: 49.676 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion:164 Resp: 80261
Ion Ratio Lower Upper
164 100
166 124.6 104.4 156.6
129 98.1 81.0 121.4
131 93.1 79.4 119.2



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





#65

Chlorobenzene

Concen: 48.093 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

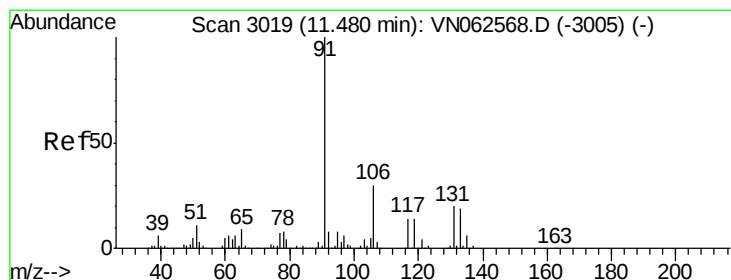
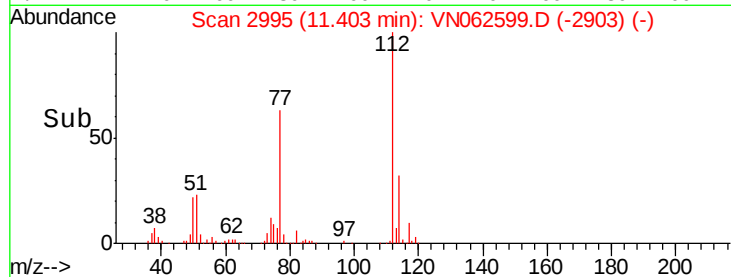
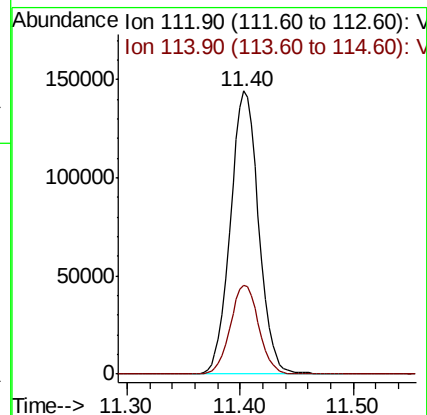
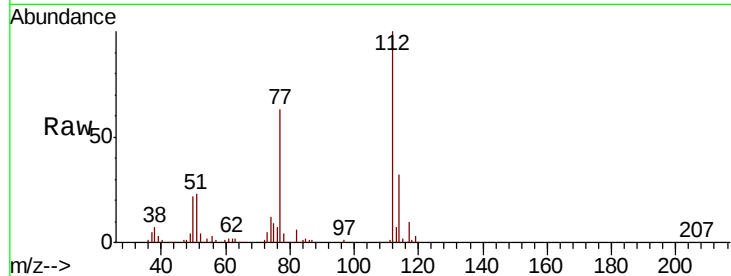
BFB

Tot Ion:112 Resp: 250718

Ion Ratio Lower Upper

112 100

114 31.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 48.801 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

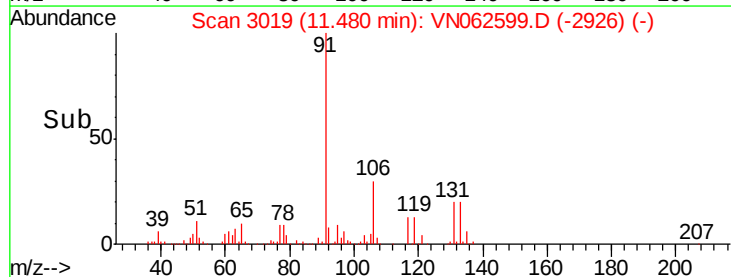
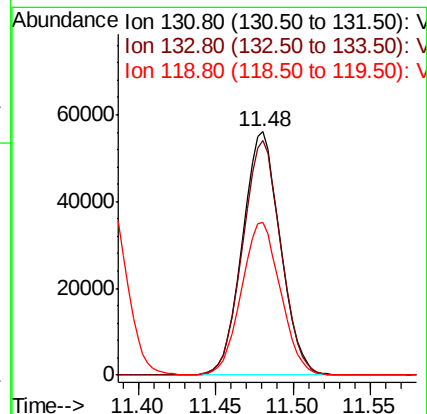
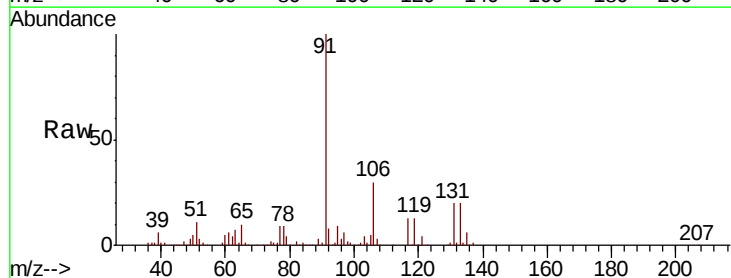
Tgt Ion:131 Resp: 95709

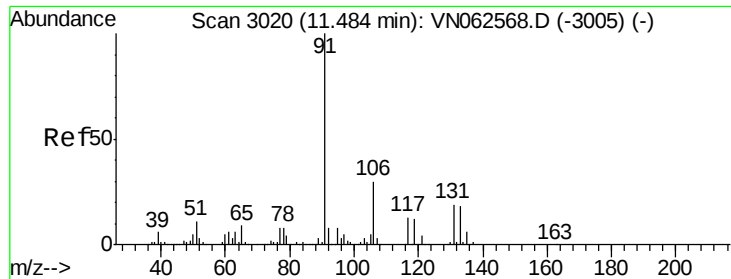
Ion Ratio Lower Upper

131 100

133 97.1 47.3 142.0

119 64.7 33.7 101.0

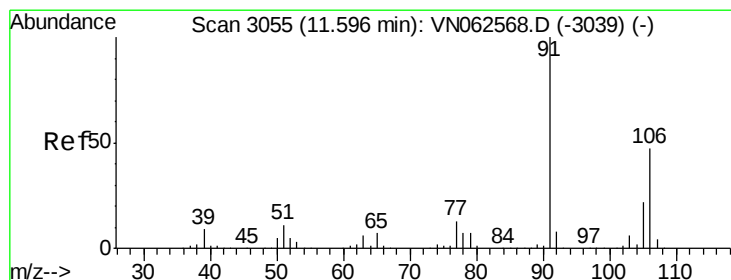
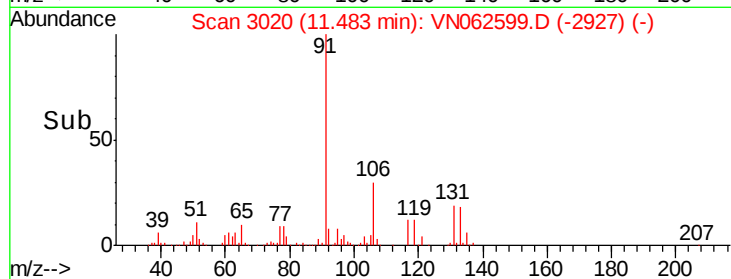
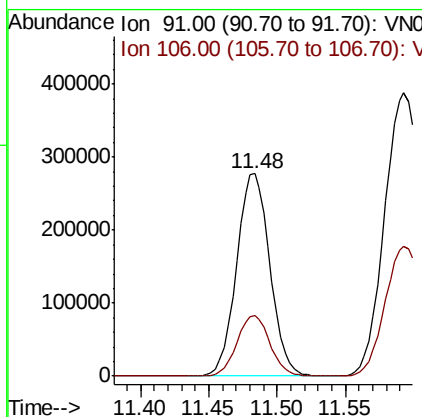
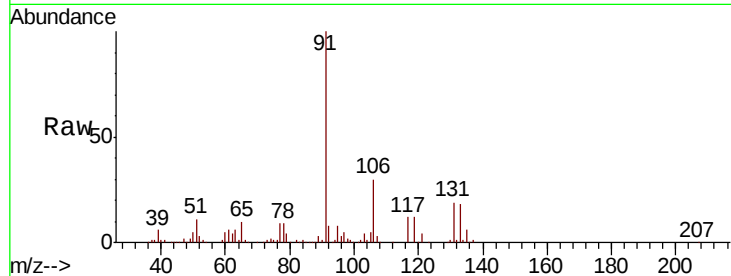




#67
Ethyl Benzene
Concen: 49.011 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

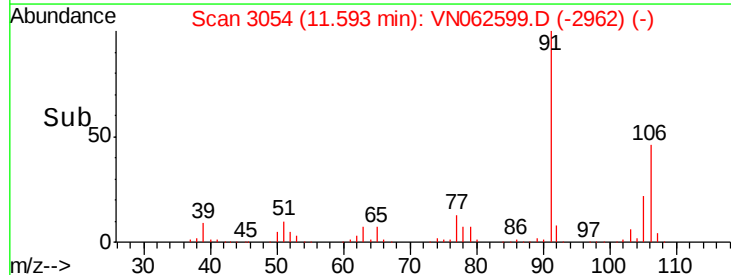
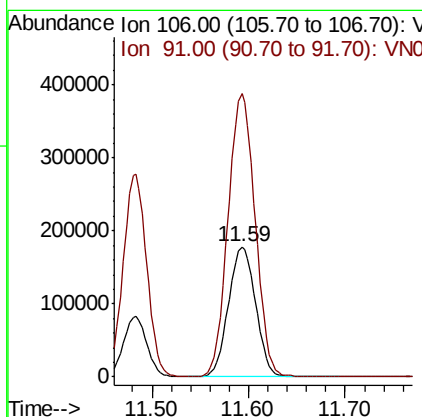
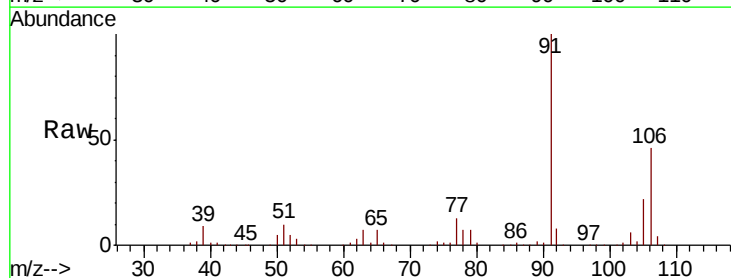
Instrument :
MSVOA_N
ClientSampled :
BFB

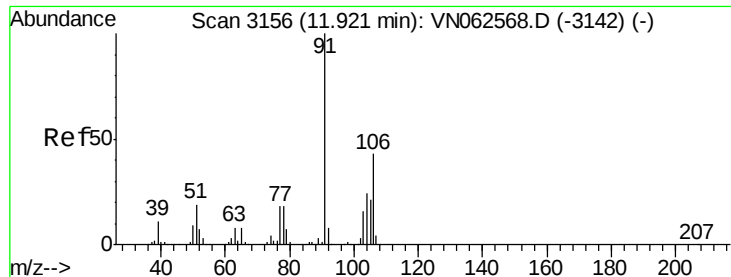
Tot Ion: 91 Resp: 468474
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8



#68
m/p-Xylenes
Concen: 101.263 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion: 106 Resp: 347899
Ion Ratio Lower Upper
106 100
91 216.6 171.4 257.2

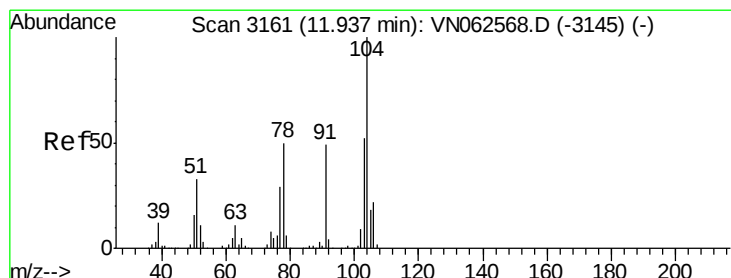
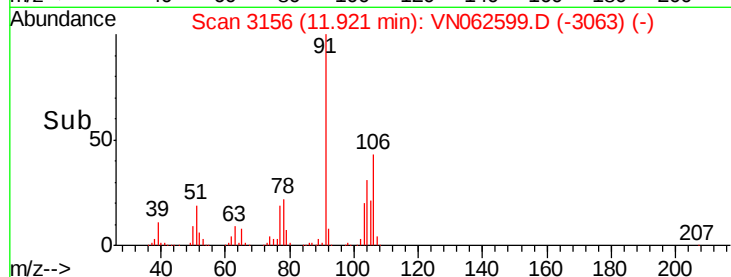
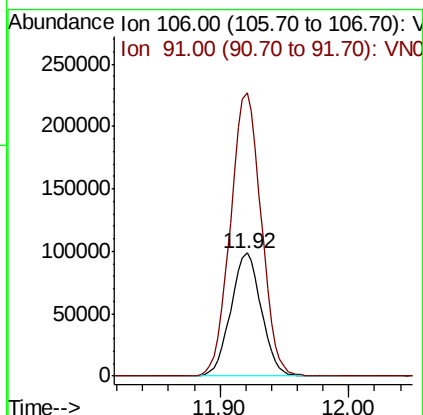
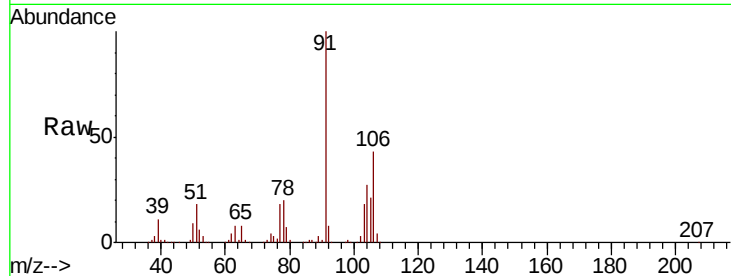




#69
o-Xylene
Concen: 49.568 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

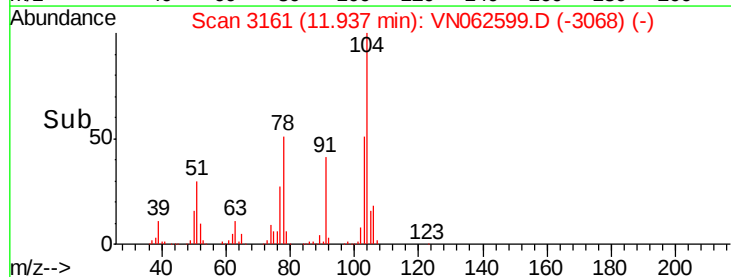
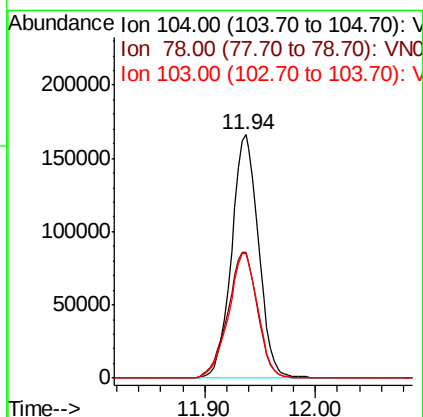
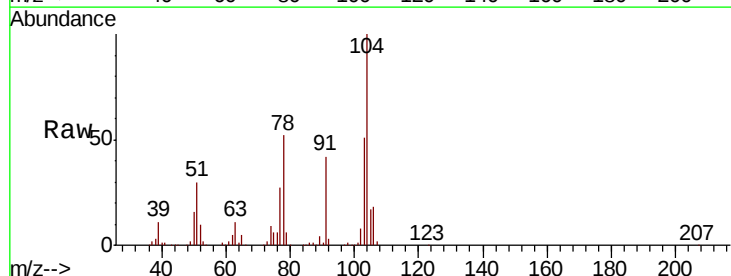
Instrument :
MSVOA_N
ClientSampled :
BFB

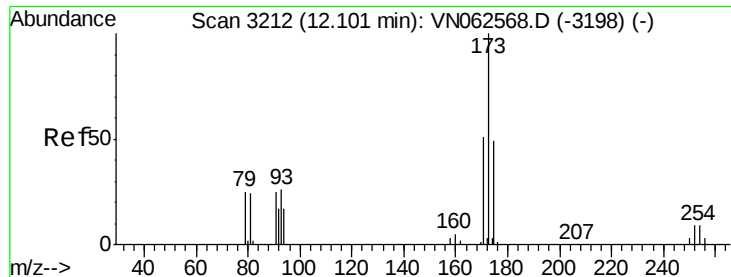
Tot Ion:106 Resp: 161713
Ion Ratio Lower Upper
106 100
91 232.8 113.8 341.2



#70
Styrene
Concen: 51.046 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion:104 Resp: 281318
Ion Ratio Lower Upper
104 100
78 57.1 43.8 65.6
103 55.5 44.0 66.0





#71

Bromoform

Concen: 50.542 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampled :

BFB

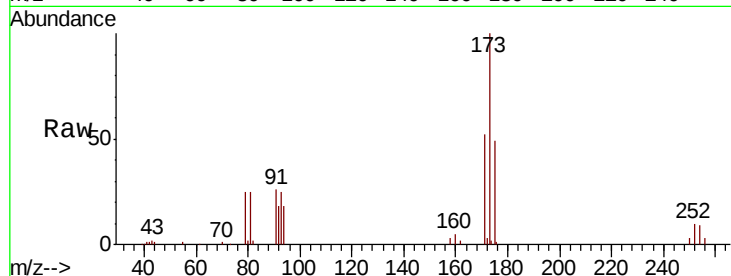
Tot Ion:173 Resp: 74424

Ion Ratio Lower Upper

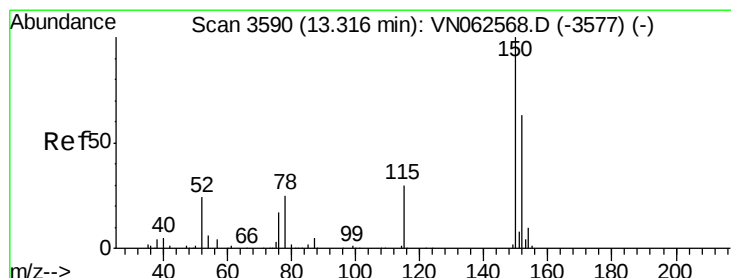
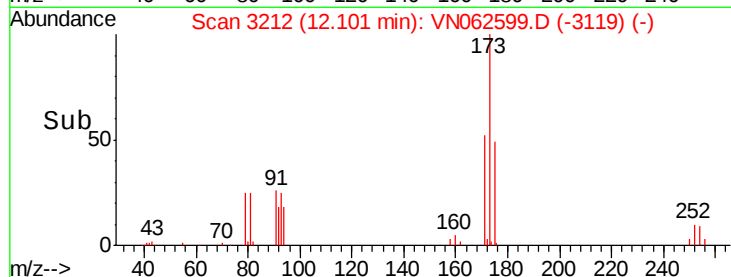
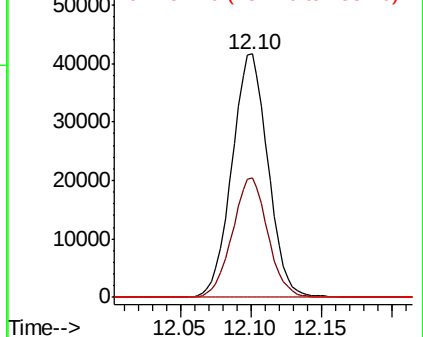
173 100

175 48.2 24.1 72.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

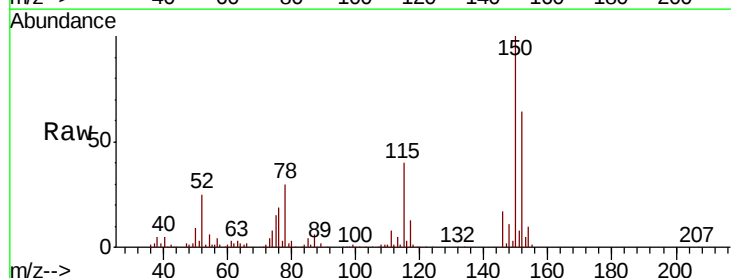
Tgt Ion:152 Resp: 122641

Ion Ratio Lower Upper

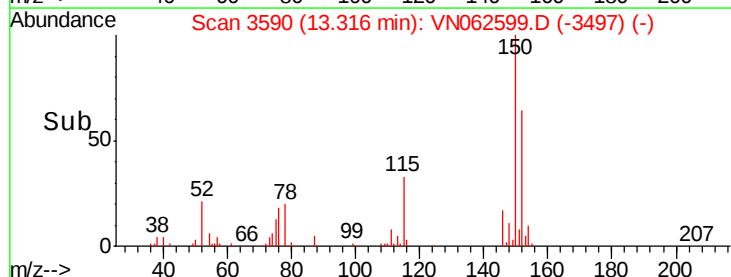
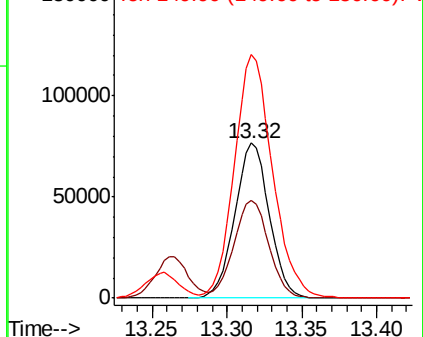
152 100

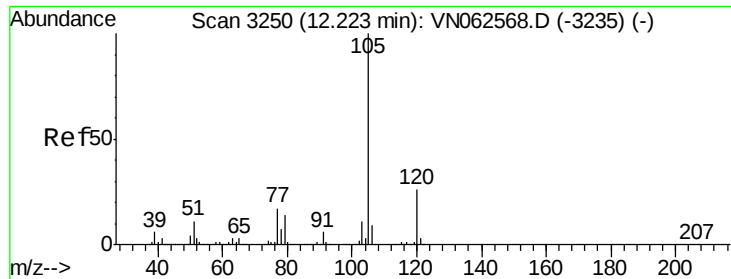
115 64.6 31.8 95.4

150 173.7 0.0 351.4



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





#73

Isopropylbenzene

Concen: 47.170 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

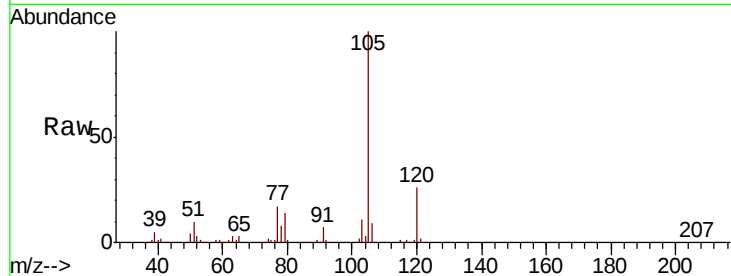
BFB

Tot Ion:105 Resp: 457425

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

300000

250000

200000

150000

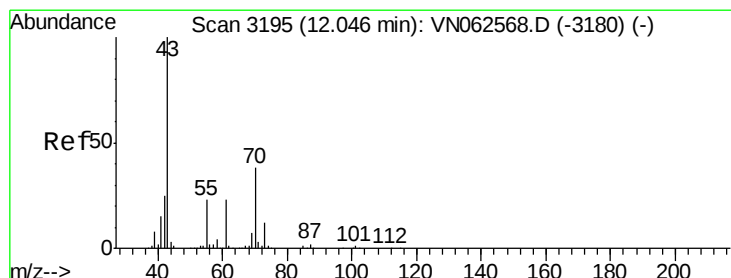
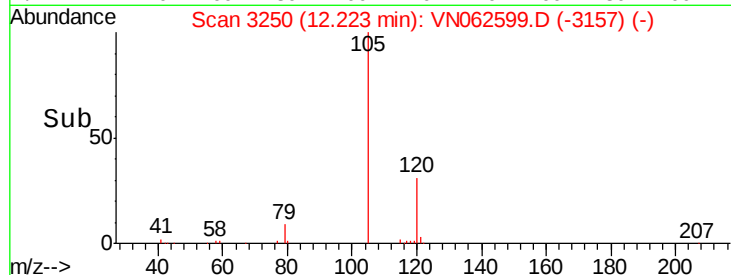
100000

50000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 42.790 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Tgt Ion: 43 Resp: 185311

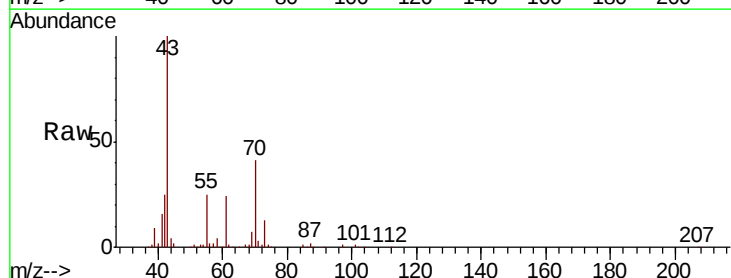
Ion Ratio Lower Upper

43 100

70 40.5 30.5 45.7

55 25.2 19.0 28.6

61 23.4 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

150000

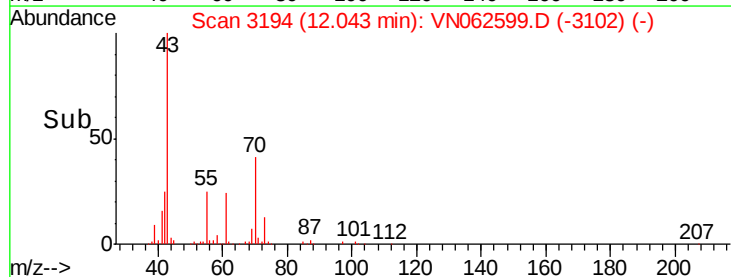
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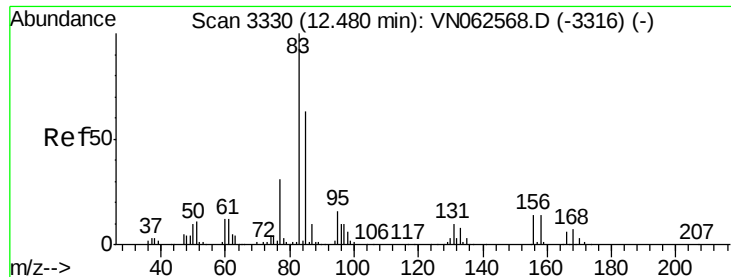
50000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 39.683 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

BFB

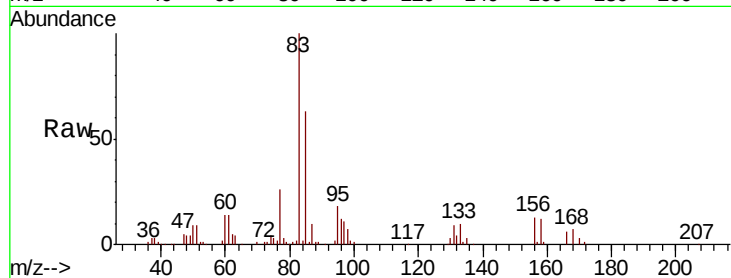
Tot Ion: 83 Resp: 133725

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.8	14.3
85	62.6	31.8	95.4

83 100

131 9.9 4.8 14.3

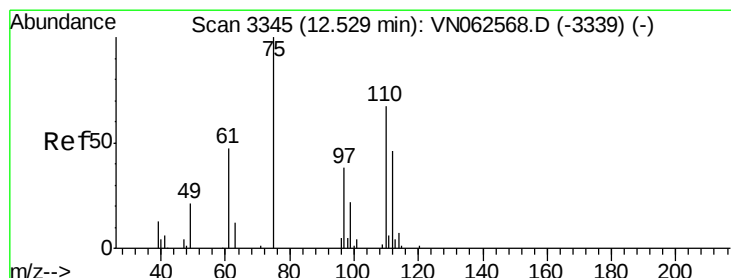
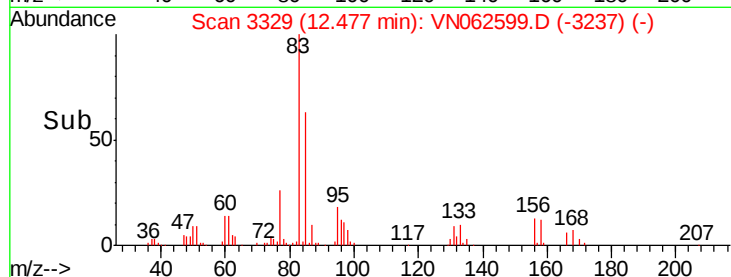
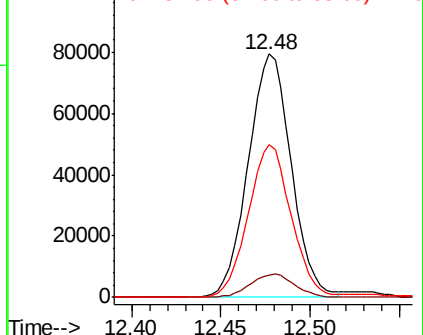
85 62.6 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN062599.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062599.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062599.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 60.252 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN062599.D

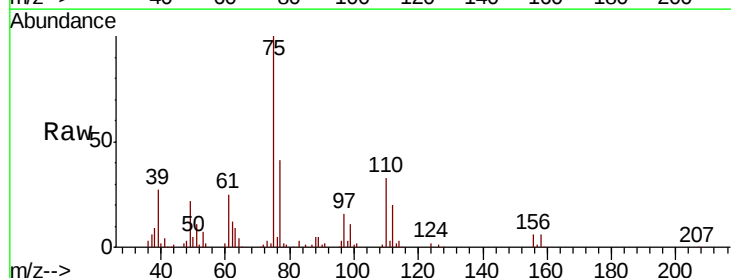
Acq: 27 Jul 2020 14:42

Tgt Ion: 75 Resp: 188086

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

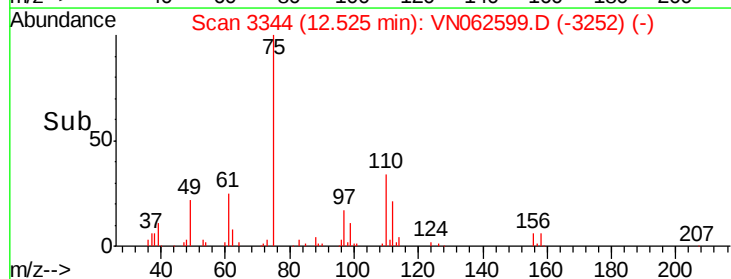
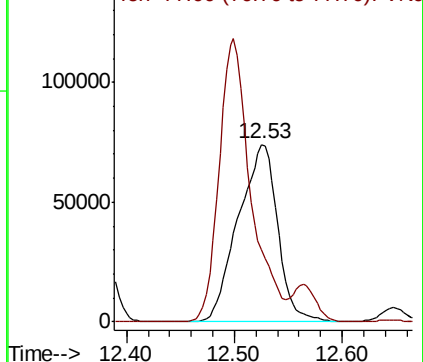
75 100

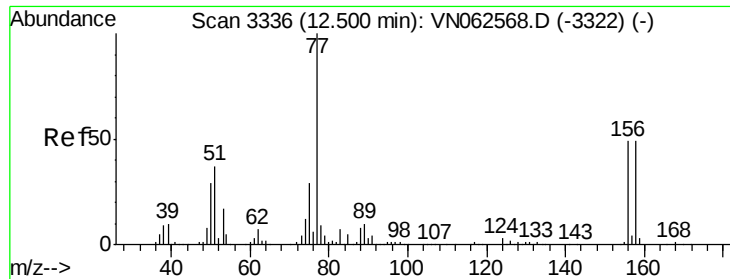
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062599.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062599.D (-3252) (-)





#77

Bromobenzene

Concen: 45.921 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampled :

BFB

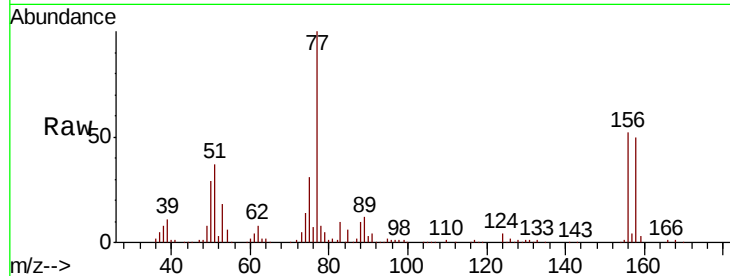
Tot Ion:156 Resp: 107017

Ion Ratio Lower Upper

156 100

77 225.8 122.8 368.3

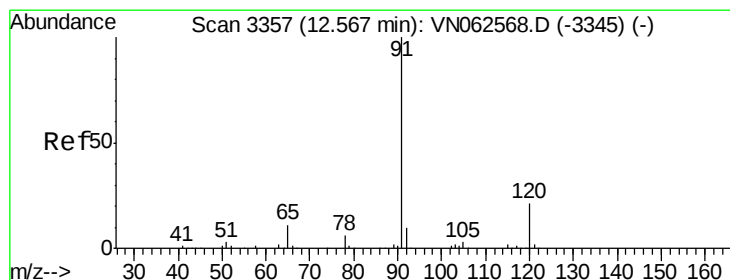
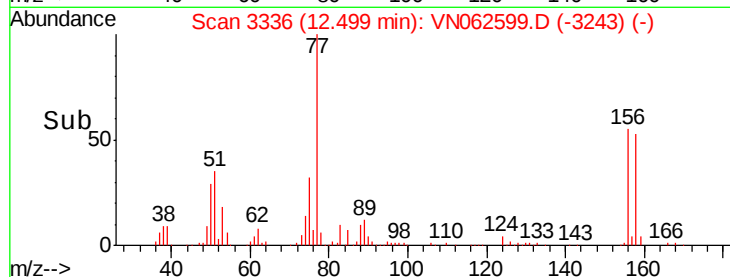
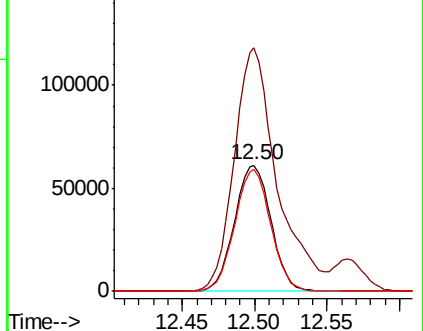
158 95.2 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.794 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062599.D

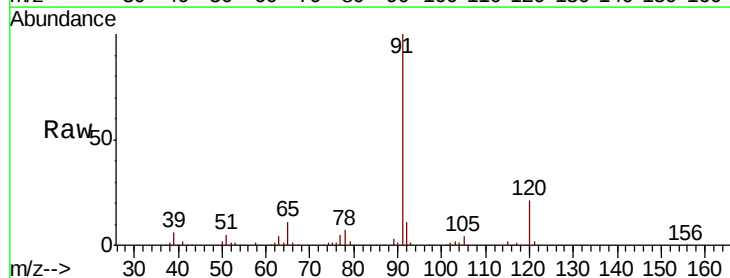
Acq: 27 Jul 2020 14:42

Tgt Ion: 91 Resp: 542899

Ion Ratio Lower Upper

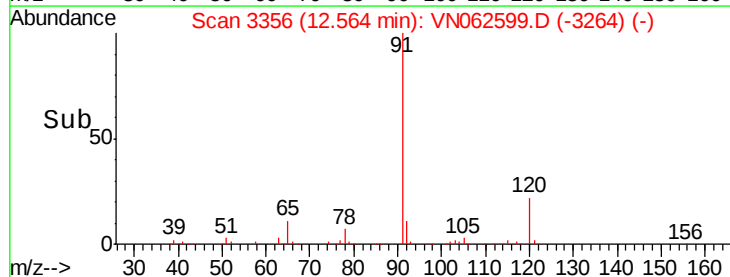
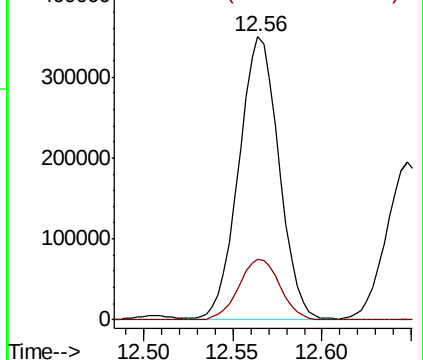
91 100

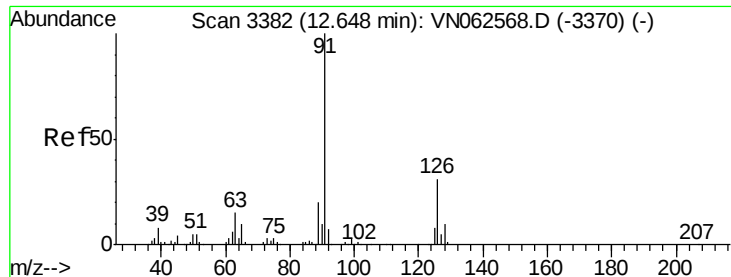
120 22.2 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

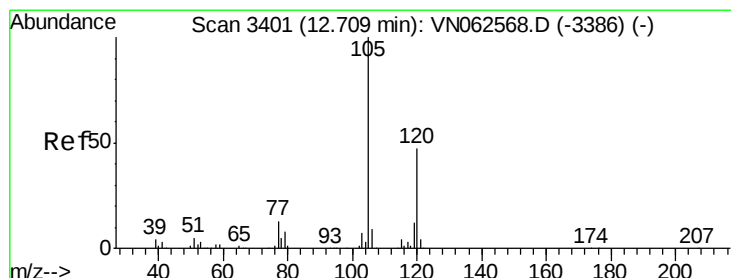
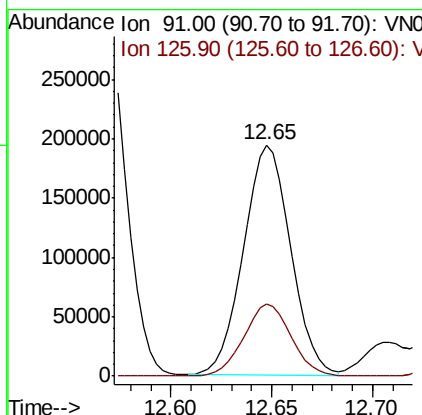
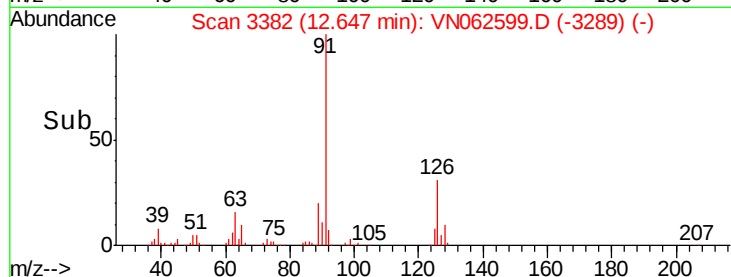
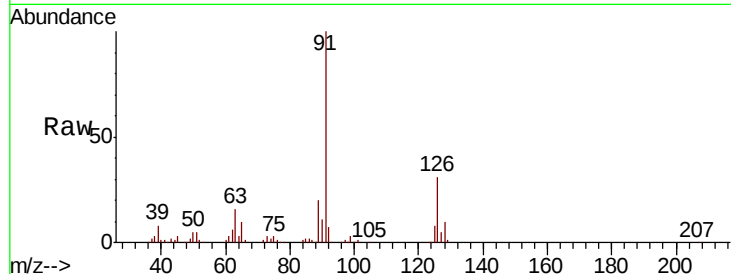




#79
 2-Chlorotoluene
 Concen: 45.381 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

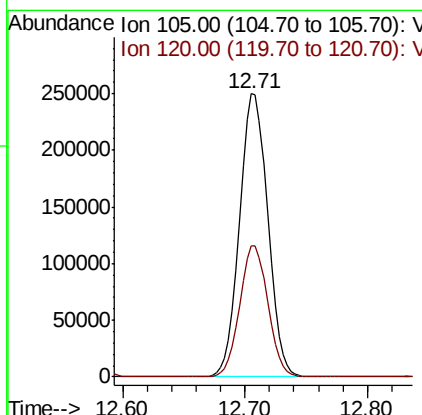
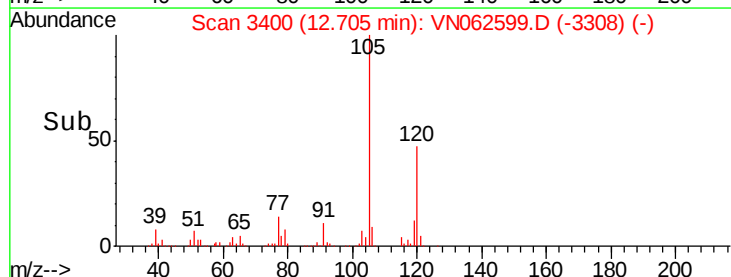
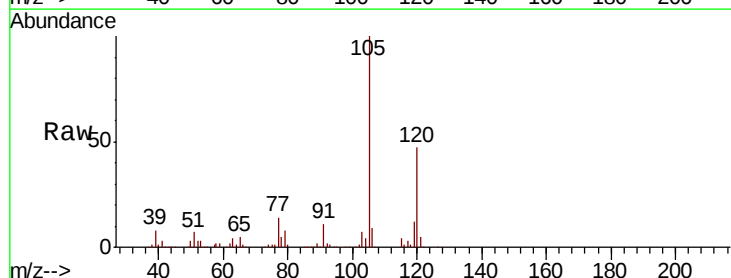
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

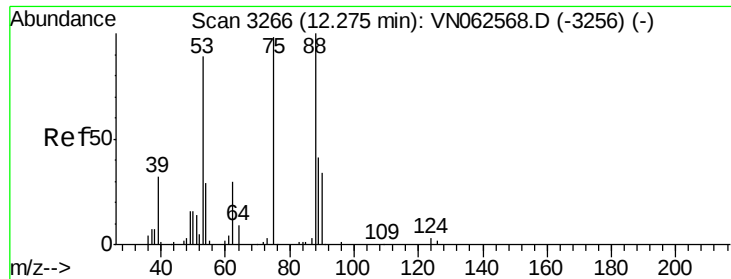
Tot Ion: 91 Resp: 317685
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 49.461 ug/l
 RT: 12.71 min Scan# 3400
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Tgt Ion: 105 Resp: 397857
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 43.910 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

BFB

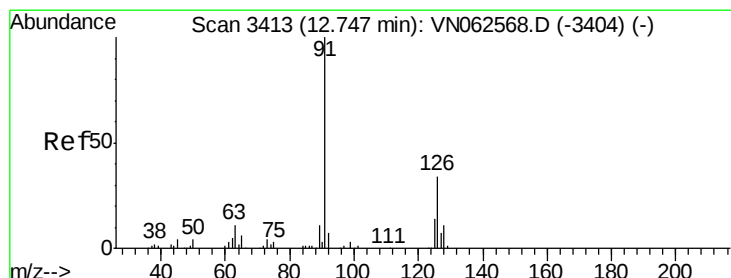
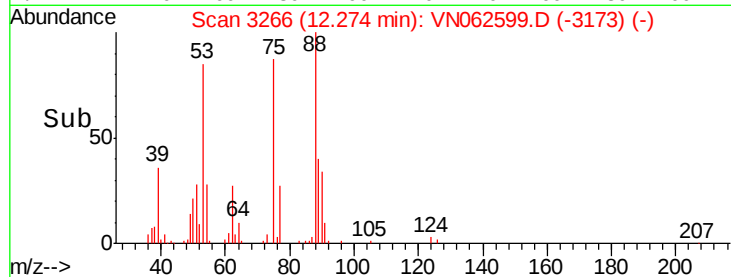
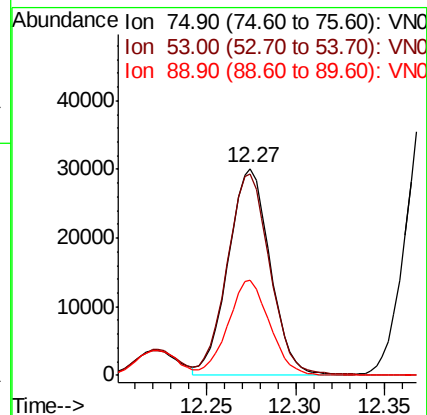
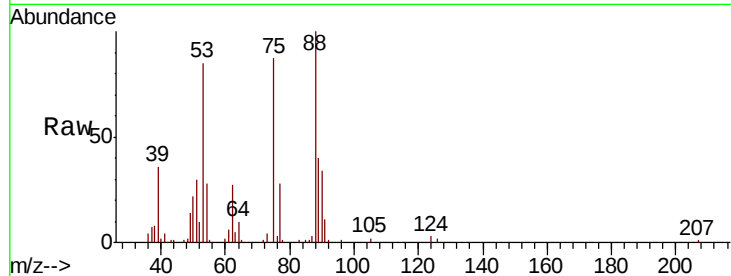
Tot Ion: 75 Resp: 49240

Ion Ratio Lower Upper

75 100

53 99.4 75.4 113.0

89 45.4 34.5 51.7



#82

4-Chlorotoluene

Concen: 46.448 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062599.D

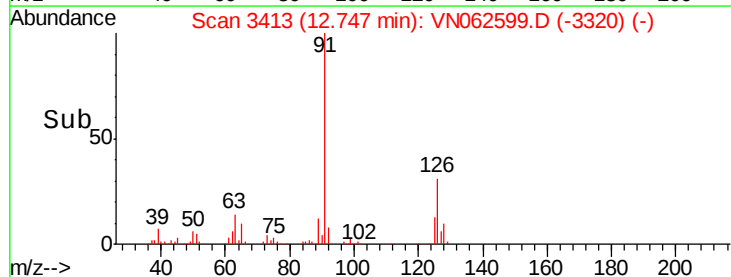
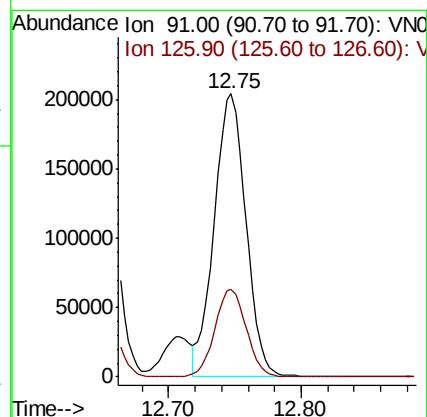
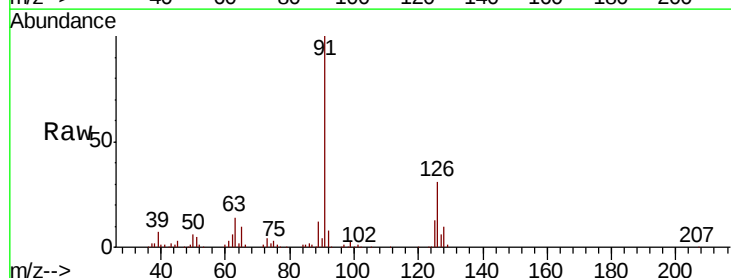
Acq: 27 Jul 2020 14:42

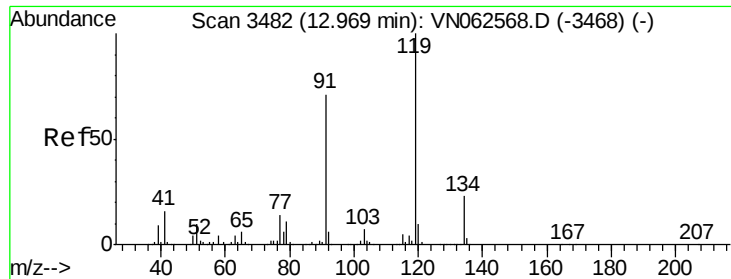
Tgt Ion: 91 Resp: 338445

Ion Ratio Lower Upper

91 100

126 30.7 15.4 46.4

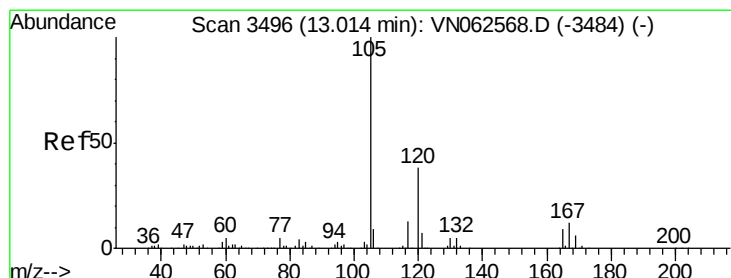
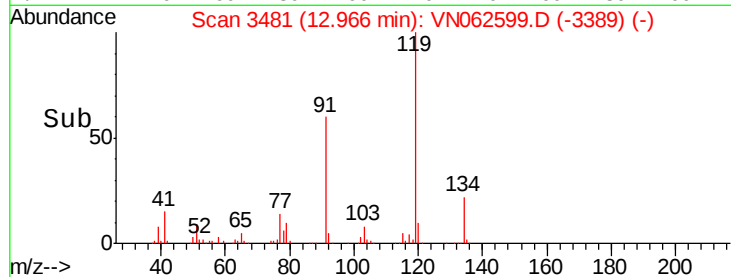
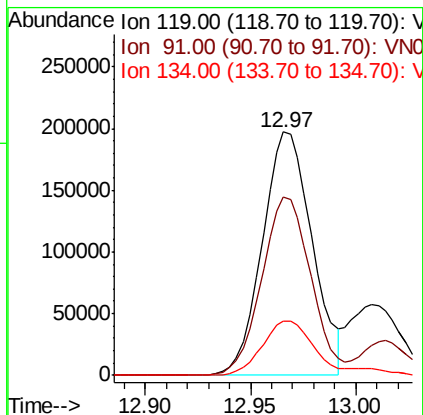
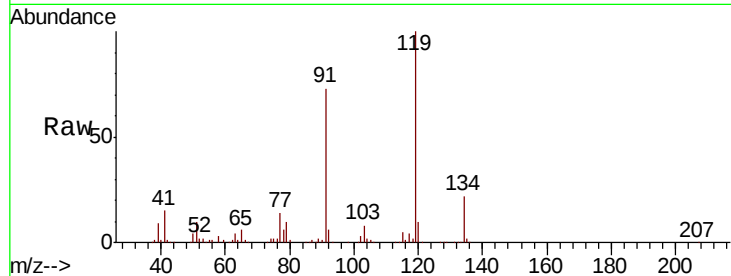




#83
tert-Butylbenzene
Concen: 48.537 ug/l
RT: 12.97 min Scan# 3481
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

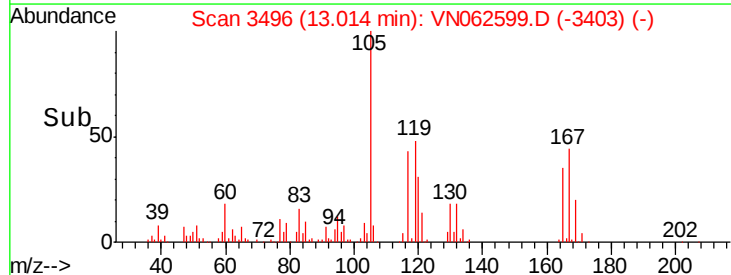
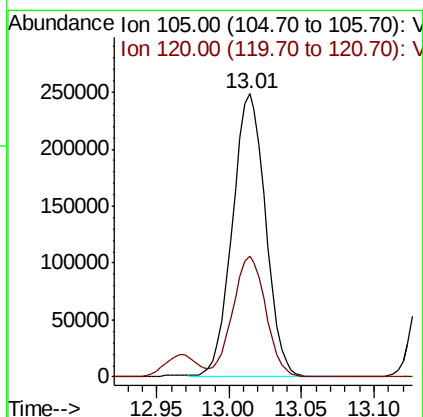
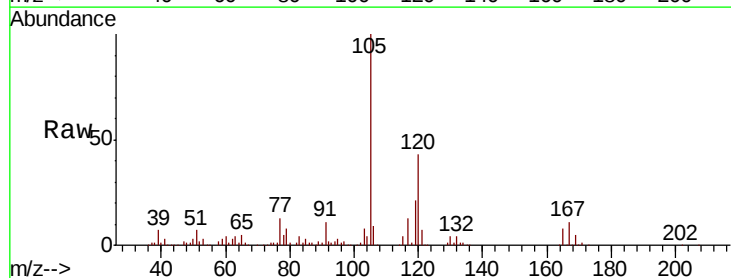
Instrument :
MSVOA_N
ClientSampled :
BFB

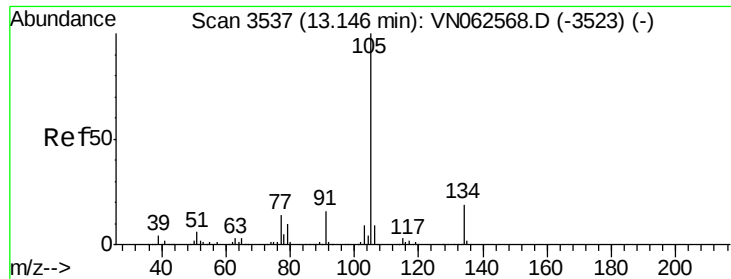
Tot Ion:119 Resp: 324199
Ion Ratio Lower Upper
119 100
91 72.3 34.6 103.8
134 23.0 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 49.772 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion:105 Resp: 392759
Ion Ratio Lower Upper
105 100
120 42.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 49.744 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

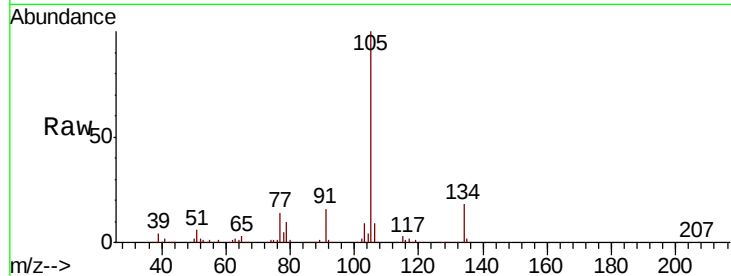
BFB

Tot Ion:105 Resp: 444825

Ion Ratio Lower Upper

105 100

134 18.7 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

300000

250000

200000

150000

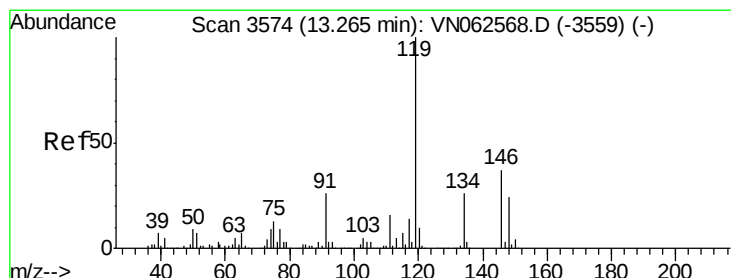
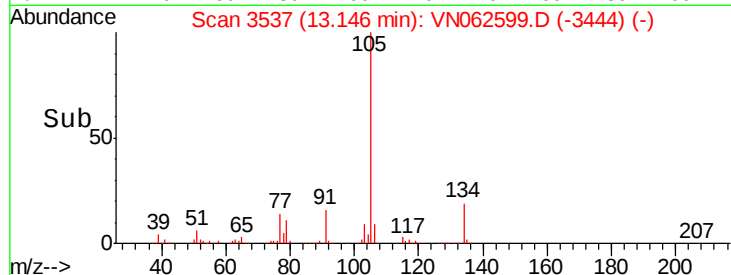
100000

50000

0

Time-->

13.10 13.20



#86

p-Isopropyltoluene

Concen: 52.558 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN062599.D

Acq: 27 Jul 2020 14:42

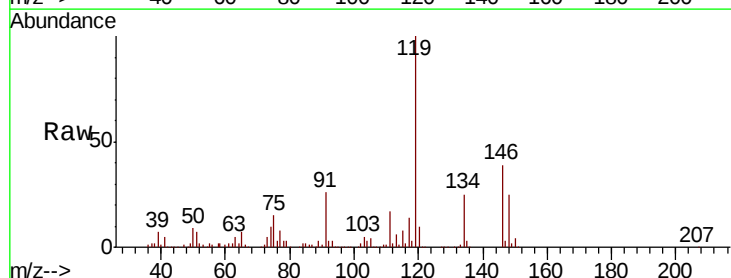
Tgt Ion:119 Resp: 404224

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

91 26.3 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

300000

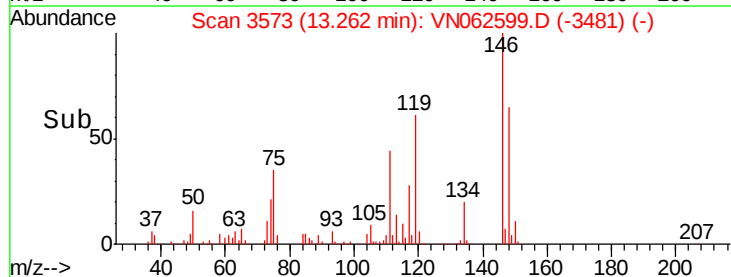
200000

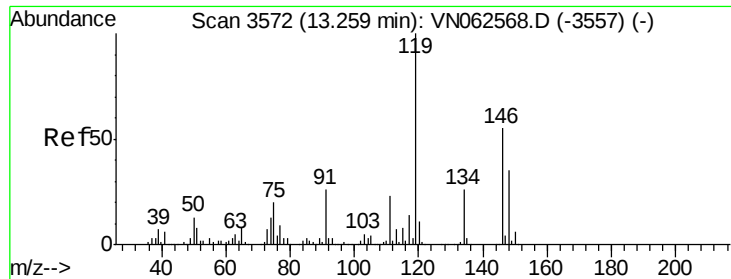
100000

0

Time-->

13.20 13.25 13.30 13.35

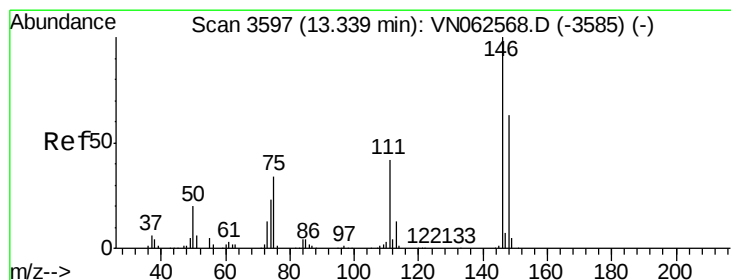
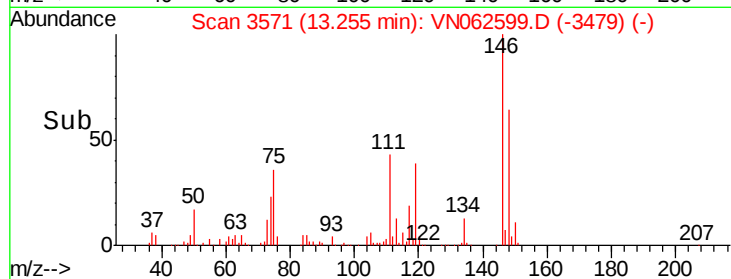
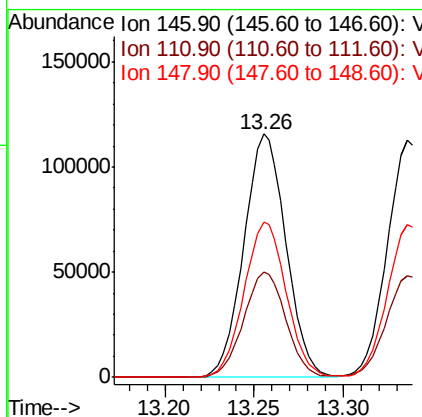
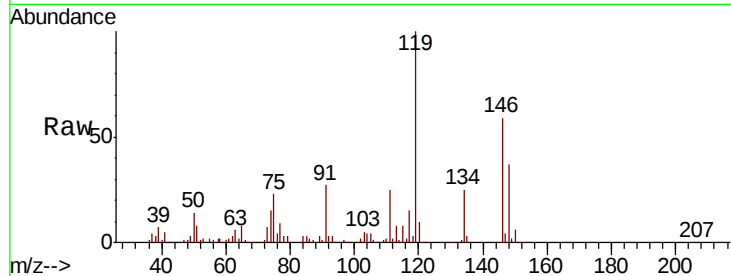




#87
 1,3-Dichlorobenzene
 Concen: 46.733 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

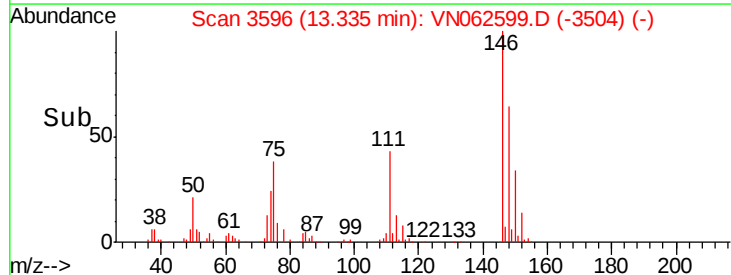
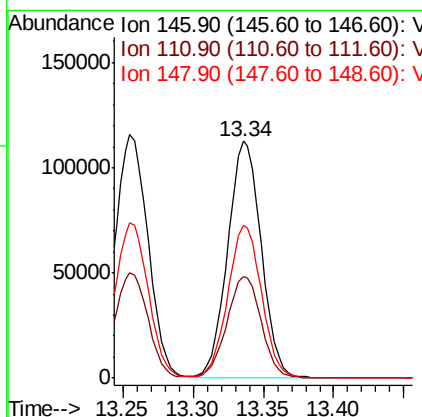
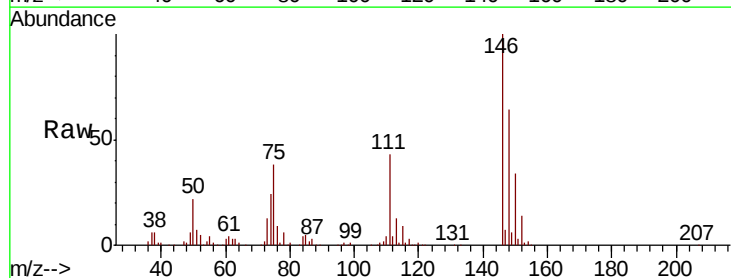
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

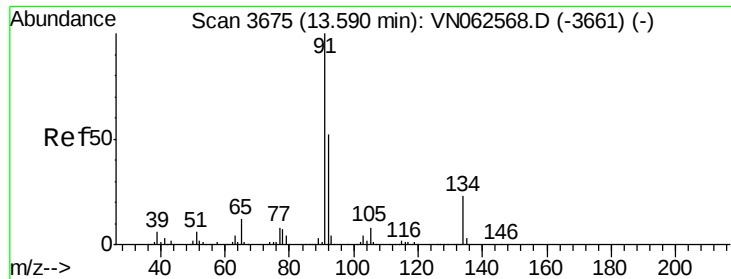
Tot Ion:146 Resp: 191118
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.6 64.6
 148 64.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 46.481 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Tgt Ion:146 Resp: 187126
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.1 63.1
 148 64.6 31.6 94.8

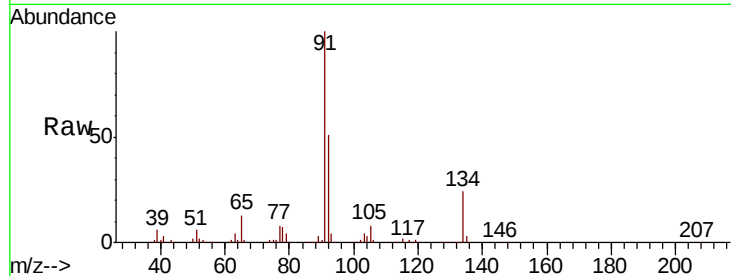




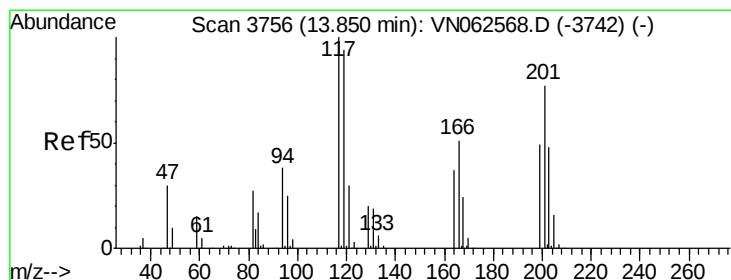
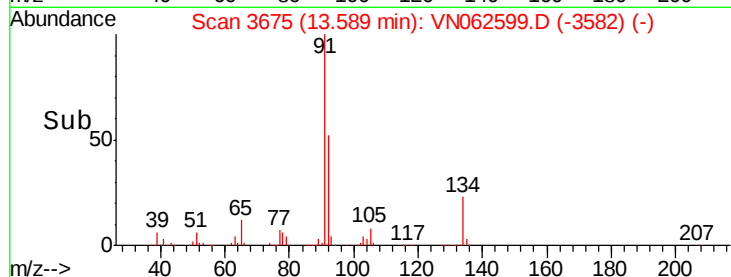
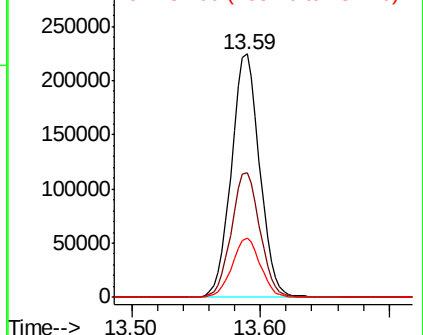
#89
n-Butylbenzene
Concen: 51.795 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion: 91 Resp: 342281
Ion Ratio Lower Upper
91 100
92 51.9 25.8 77.3
134 24.2 11.8 35.3

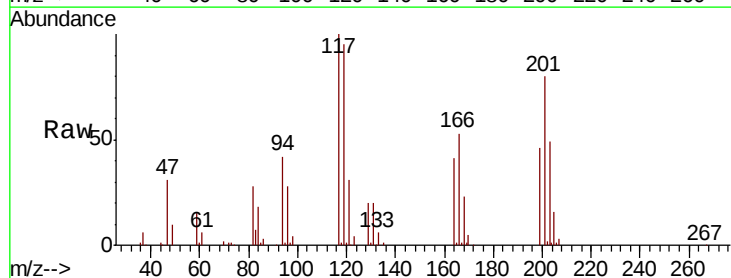


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

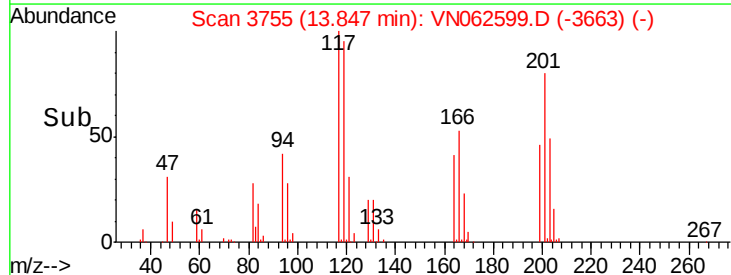
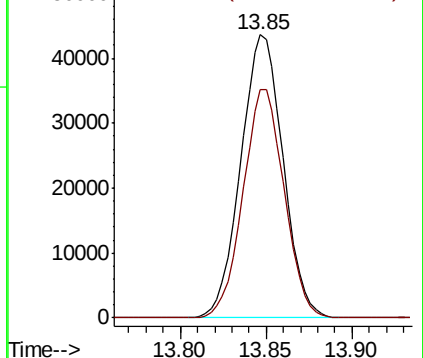


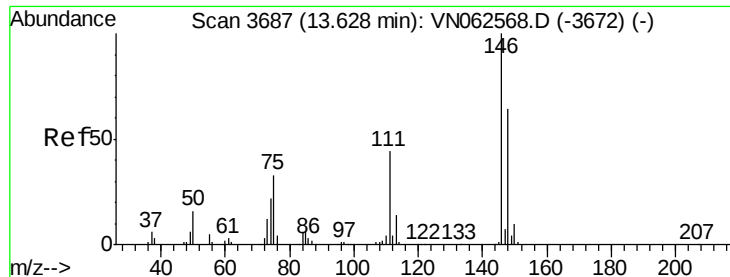
#90
Hexachloroethane
Concen: 45.445 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion: 117 Resp: 74406
Ion Ratio Lower Upper
117 100
201 78.6 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

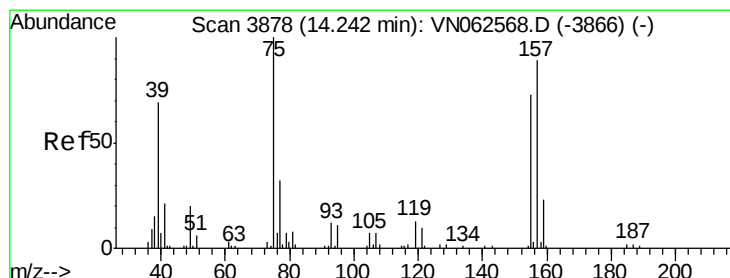
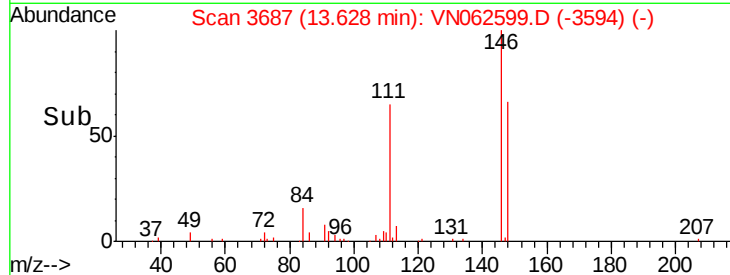
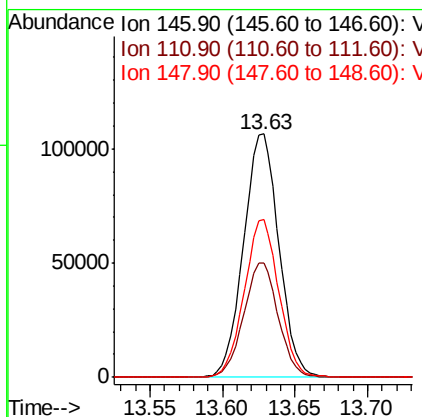
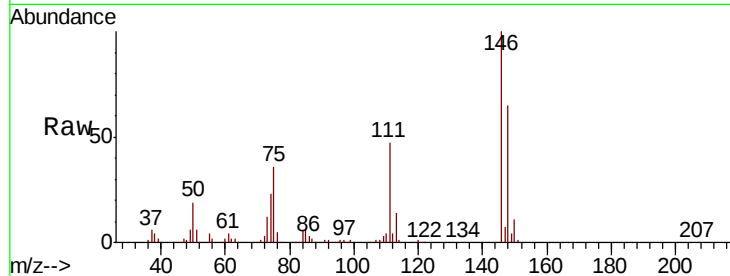




#91
 1,2-Dichlorobenzene
 Concen: 46.288 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

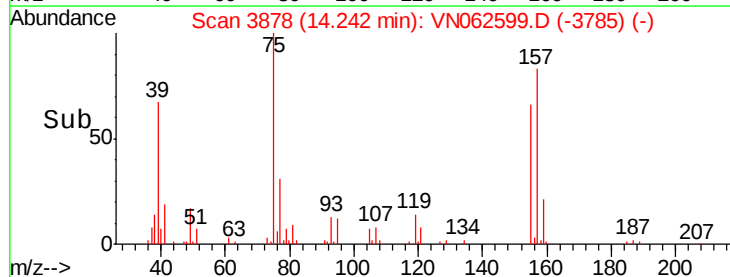
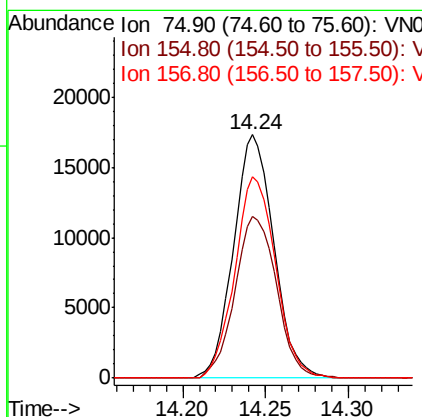
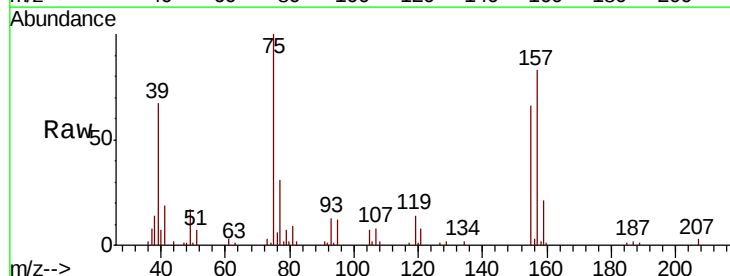
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

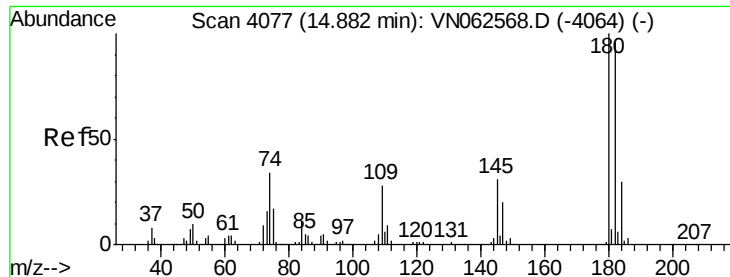
Tot Ion	Ratio	Lower	Upper
146	100		
111	46.1	21.9	65.8
148	63.4	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.796 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.7	35.9	107.5
157	83.9	45.0	135.0

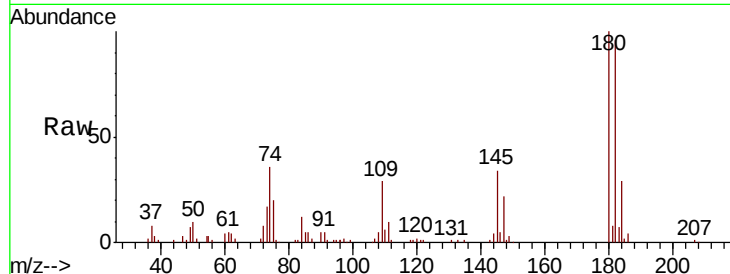




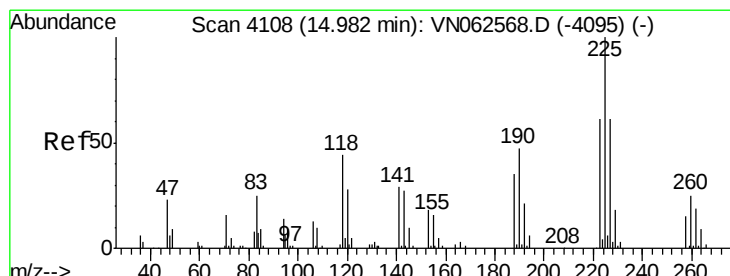
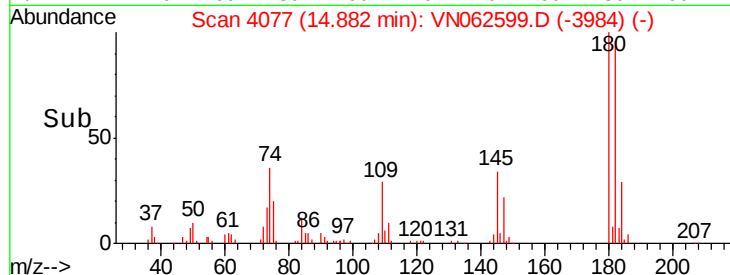
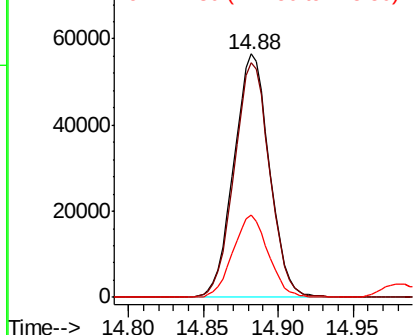
#93
 1,2,4-Trichlorobenzene
 Concen: 45.697 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Tot Ion:180 Resp: 93372
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.8 143.3
 145 33.5 15.3 45.9

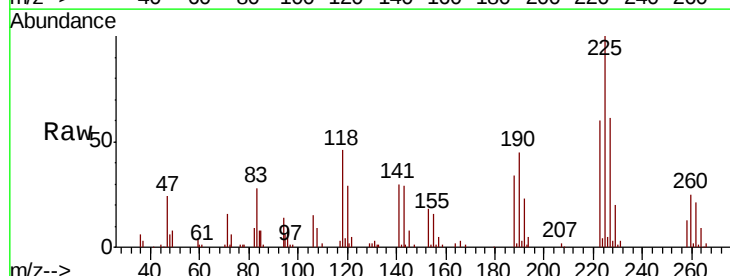


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

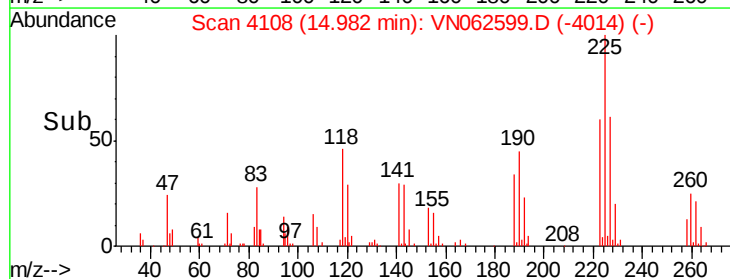
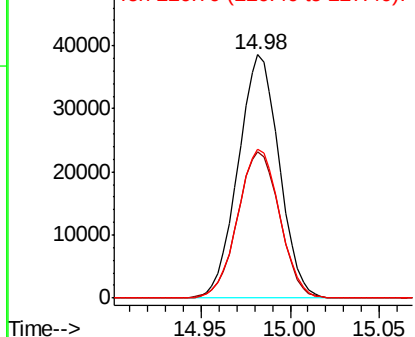


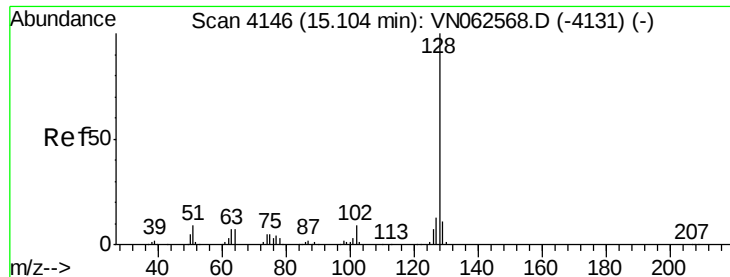
#94
 Hexachlorobutadiene
 Concen: 58.529 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062599.D
 Acq: 27 Jul 2020 14:42

Tgt Ion:225 Resp: 61838
 Ion Ratio Lower Upper
 225 100
 223 61.6 32.0 96.0
 227 62.6 31.1 93.2



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

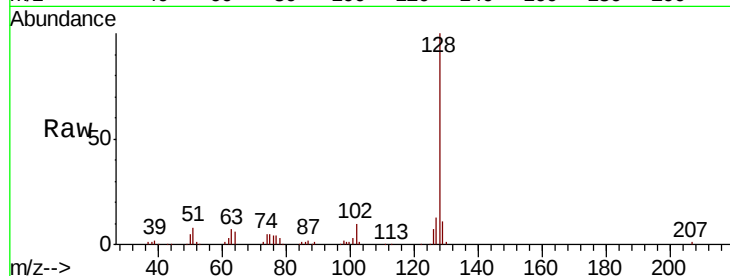




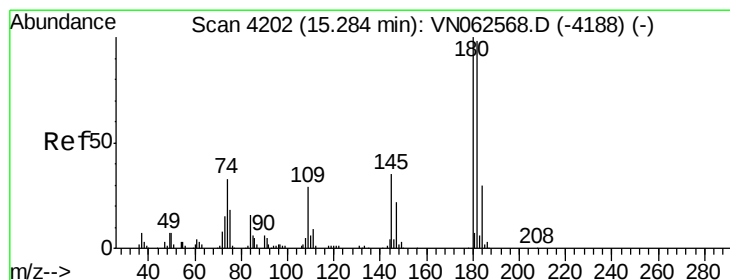
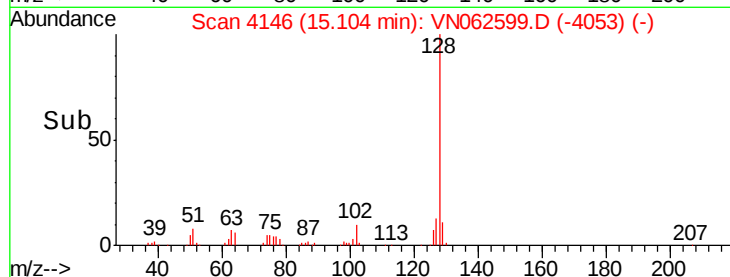
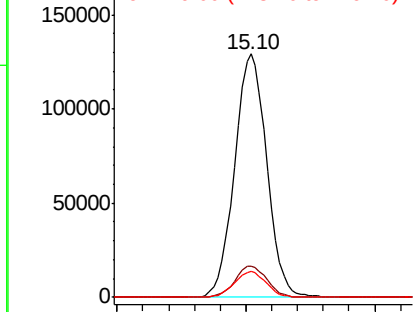
#95
Naphthalene
Concen: 41.728 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.7	8.7	13.1

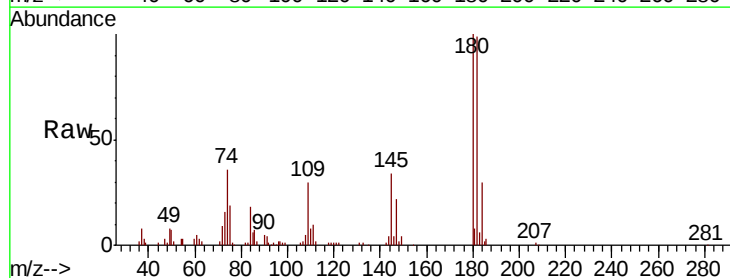


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 48.951 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062599.D
Acq: 27 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.1	144.3
145	35.4	16.7	50.1



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

