

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073020\
 Data File : VN062670.D
 Acq On : 30 Jul 2020 15:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 31 04:10:03 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	170622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	268048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	252173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127225	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	129152	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	7.54	113	85569	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	10.06	98	336312	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
62) 4-Bromofluorobenzene	12.37	95	129505	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	94221	46.296	ug/l 98
3) Chloromethane	2.03	50	104082	37.706	ug/l 98
4) Vinyl Chloride	2.16	62	97099	40.577	ug/l 100
5) Bromomethane	2.52	94	51262	48.366	ug/l 99
6) Chloroethane	2.66	64	54349	50.210	ug/l 100
7) Trichlorofluoromethane	2.98	101	150390	53.527	ug/l 99
8) Diethyl Ether	3.37	74	59207	45.064	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	3.71	101	91755	50.936	ug/l 99
10) Methyl Iodide	3.91	142	112845	49.000	ug/l 96
11) Tert butyl alcohol	4.73	59	77035	182.700	ug/l 99
12) 1,1-Dichloroethene	3.69	96	83993	45.975	ug/l 98
13) Acrolein	3.56	56	67071	155.820	ug/l 99
14) Allyl chloride	4.27	41	167036	42.268	ug/l 93
15) Acrylonitrile	4.92	53	242290	214.536	ug/l 100
16) Acetone	3.77	43	217897	218.462	ug/l 100
17) Carbon Disulfide	4.00	76	247130	41.170	ug/l 100
18) Methyl Acetate	4.27	43	110352	43.703	ug/l 97
19) Methyl tert-butyl Ether	4.98	73	324637	48.279	ug/l 99
20) Methylene Chloride	4.50	84	104142	43.534	ug/l 96
21) trans-1,2-Dichloroethene	4.98	96	91655	45.202	ug/l 99
22) Diisopropyl ether	5.89	45	351200	44.709	ug/l 97
23) Vinyl Acetate	5.83	43	1436139	223.128	ug/l 98
24) 1,1-Dichloroethane	5.79	63	195545	46.228	ug/l 99
25) 2-Butanone	6.78	43	315088	207.427	ug/l 96
26) 2,2-Dichloropropane	6.77	77	173498	49.964	ug/l 99
27) cis-1,2-Dichloroethene	6.77	96	106814	46.165	ug/l 99
28) Bromochloromethane	7.14	49	92599	44.482	ug/l 94
29) Tetrahydrofuran	7.16	42	208091	202.450	ug/l 95
30) Chloroform	7.32	83	194213	48.289	ug/l 97
31) Cyclohexane	7.61	56	163899	41.966	ug/l 94
32) 1,1,1-Trichloroethane	7.52	97	173558	51.687	ug/l 99
36) 1,1-Dichloropropene	7.74	75	146895	51.414	ug/l 98
37) Ethyl Acetate	6.88	43	136239	44.236	ug/l 99
38) Carbon Tetrachloride	7.73	117	152771	55.628	ug/l 96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	160613	52.222	ug/l	98
40) Benzene	8.00	78	414680	47.941	ug/l	99
41) Methacrylonitrile	7.12	41	61463	46.565	ug/l	94
42) 1,2-Dichloroethane	8.08	62	169456	53.586	ug/l	98
43) Isopropyl Acetate	8.12	43	229676	46.260	ug/l #	91
44) Trichloroethene	8.80	130	96744	49.596	ug/l	99
45) 1,2-Dichloropropane	9.08	63	115876	47.713	ug/l	97
46) Dibromomethane	9.17	93	71517	50.950	ug/l	97
47) Bromodichloromethane	9.37	83	160524	52.787	ug/l	100
48) Methyl methacrylate	9.16	41	111947	47.433	ug/l	98
49) 1,4-Dioxane	9.16	88	29669	818.480	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	683999	230.250	ug/l	100
52) Toluene	10.12	92	255047	50.779	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	176675	52.189	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	186876	51.445	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	98547	50.583	ug/l	97
56) Ethyl methacrylate	10.40	69	161960	46.428	ug/l	96
57) 1,3-Dichloropropane	10.68	76	179453	50.278	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	264117	250.488	ug/l	99
59) 2-Hexanone	10.72	43	487390	212.593	ug/l	99
60) Dibromochloromethane	10.87	129	116781	53.731	ug/l	99
61) 1,2-Dibromoethane	10.98	107	101137	49.853	ug/l	99
64) Tetrachloroethene	10.60	164	82302	50.232	ug/l	99
65) Chlorobenzene	11.40	112	263566	49.855	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	105077	52.834	ug/l	98
67) Ethyl Benzene	11.48	91	503840	51.979	ug/l	99
68) m/p-Xylenes	11.59	106	369808	106.145	ug/l	99
69) o-Xylene	11.92	106	175461	53.035	ug/l	99
70) Styrene	11.94	104	308369	55.177	ug/l	98
71) Bromoform	12.10	173	78654	52.672	ug/l #	96
73) Isopropylbenzene	12.22	105	491370	48.845	ug/l	99
74) N-amyl acetate	12.04	43	205714	45.790	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	145023	41.485	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	197182	60.890	ug/l #	100
77) Bromobenzene	12.50	156	113375	46.897	ug/l	95
78) n-propylbenzene	12.56	91	587807	49.883	ug/l	100
79) 2-Chlorotoluene	12.65	91	345122	47.524	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	432365	51.814	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	53103	45.649	ug/l	94
82) 4-Chlorotoluene	12.75	91	364015	48.157	ug/l	99
83) tert-Butylbenzene	12.97	119	352087	50.813	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	422266	51.584	ug/l	98
85) sec-Butylbenzene	13.15	105	482032	51.963	ug/l	100
86) p-Isopropyltoluene	13.26	119	437093	54.784	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	206052	48.569	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	202903	48.584	ug/l	97
89) n-Butylbenzene	13.59	91	378494	55.211	ug/l	100
90) Hexachloroethane	13.85	117	80542	47.420	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	195654	48.231	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30056	47.355	ug/l	97

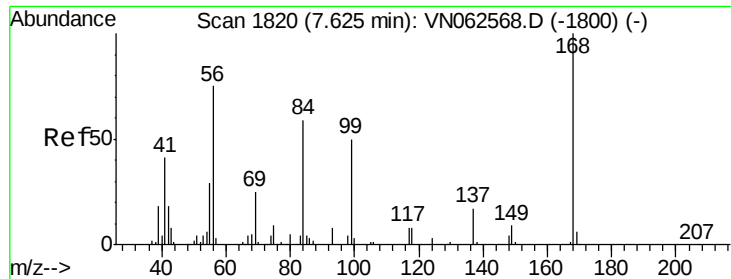
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	102341	48.107	ug/l	98
94) Hexachlorobutadiene	14.98	225	66713	60.885	ug/l	99
95) Naphthalene	15.10	128	240574	43.083	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	99337	51.962	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

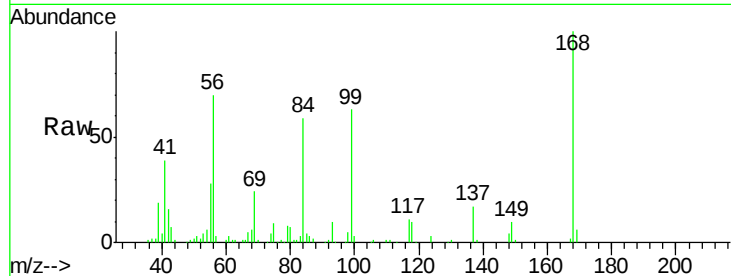
VSTDCCC050EC

Tot Ion:168 Resp: 170622

Ion Ratio Lower Upper

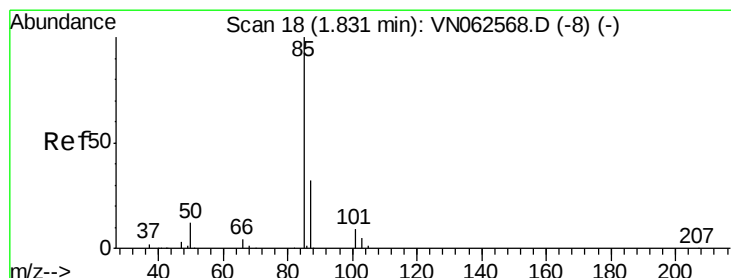
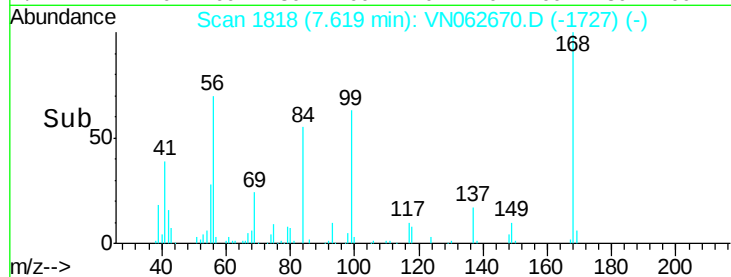
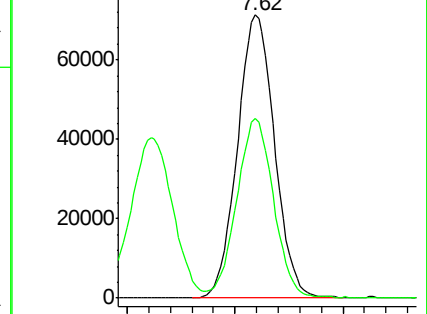
168 100

99 63.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 46.296 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062670.D

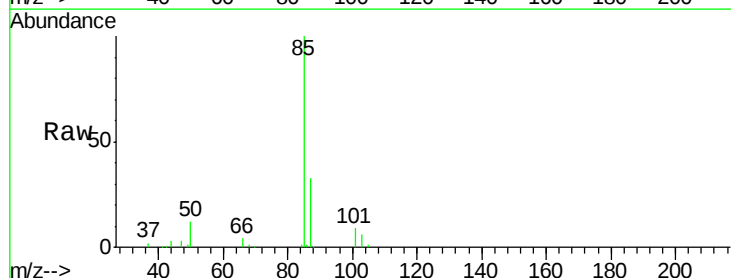
Acq: 30 Jul 2020 15:49

Tgt Ion: 85 Resp: 94221

Ion Ratio Lower Upper

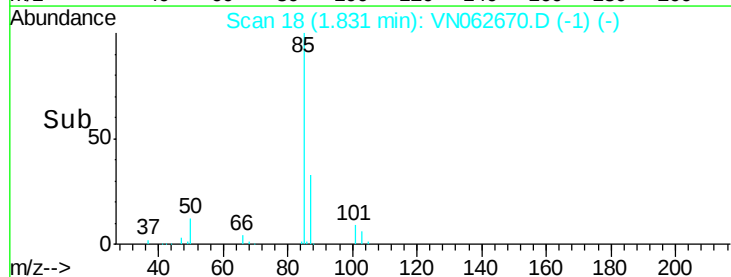
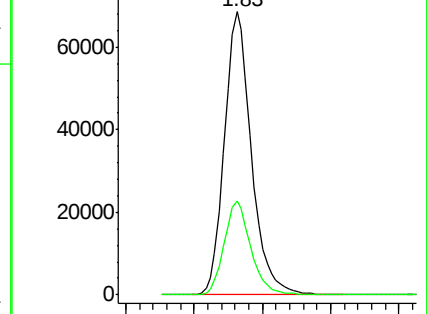
85 100

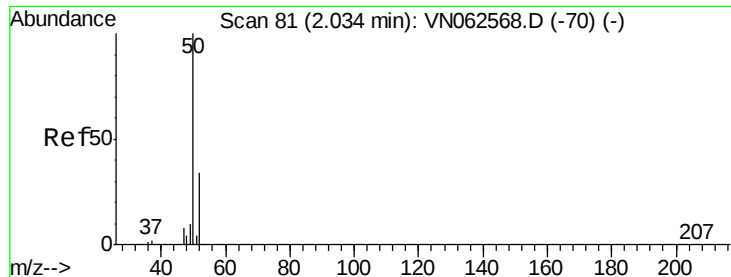
87 33.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 37.706 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

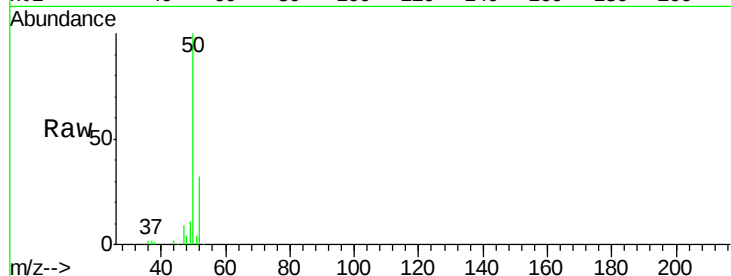
VSTDCCC050EC

Tot Ion: 50 Resp: 104082

Ion Ratio Lower Upper

50 100

52 32.4 27.0 40.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

80000

60000

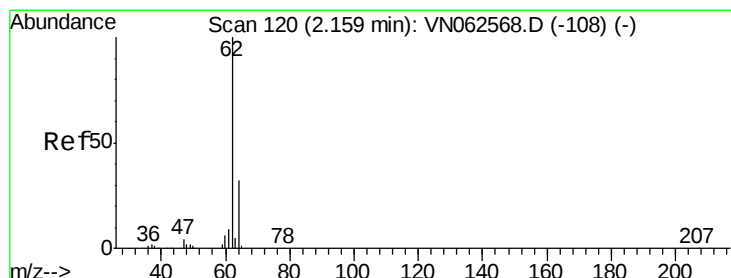
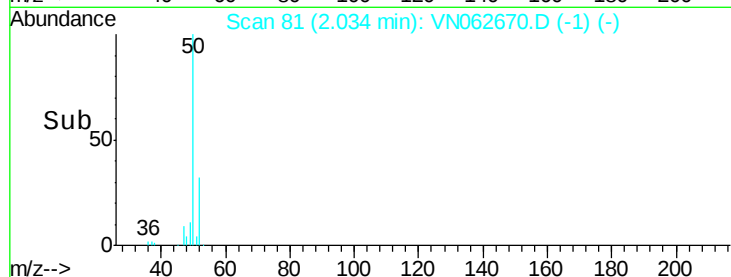
40000

20000

0

Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 40.577 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062670.D

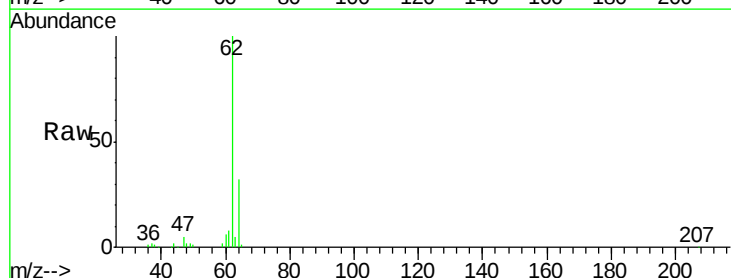
Acq: 30 Jul 2020 15:49

Tgt Ion: 62 Resp: 97099

Ion Ratio Lower Upper

62 100

64 32.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

60000

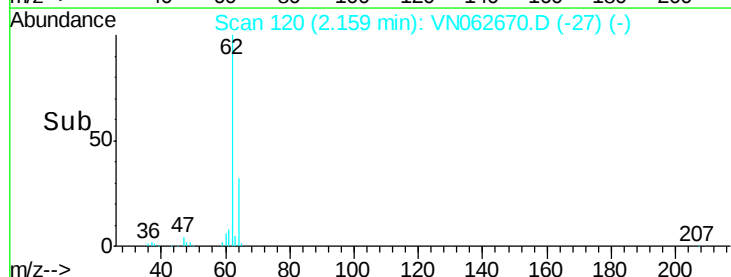
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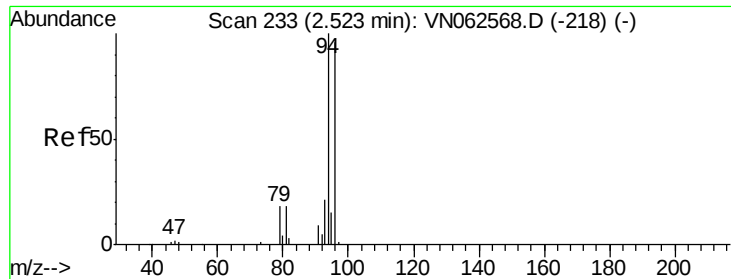
20000

0

Time-->

2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 48.366 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.01 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

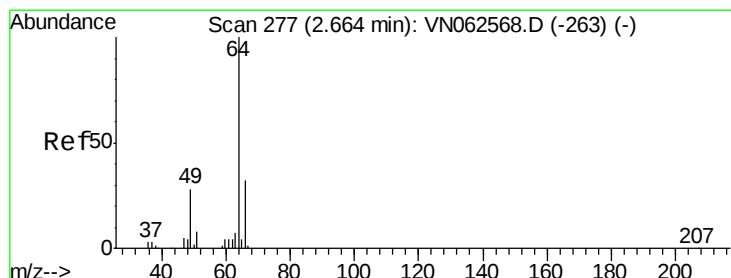
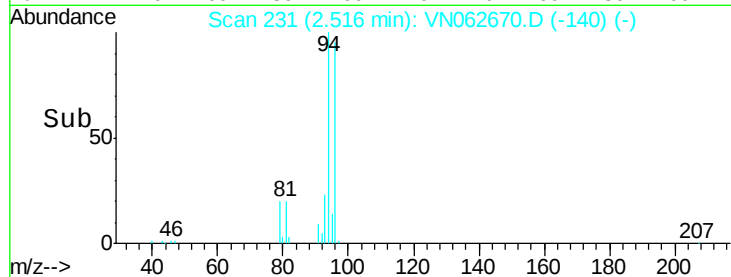
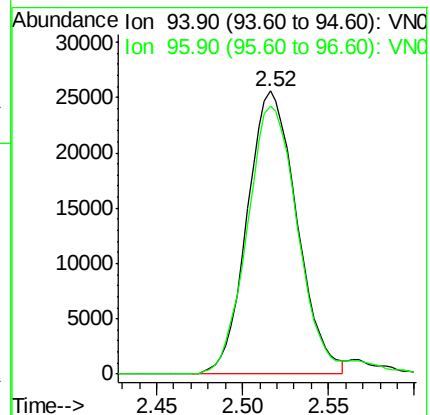
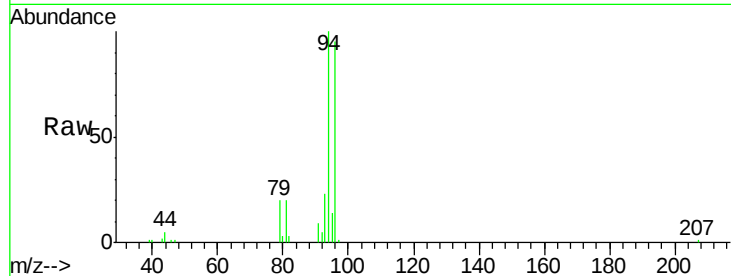
VSTDCCC050EC

Tot Ion: 94 Resp: 51262

Ion Ratio Lower Upper

94 100

96 94.9 76.6 114.8



#6

Chloroethane

Concen: 50.210 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062670.D

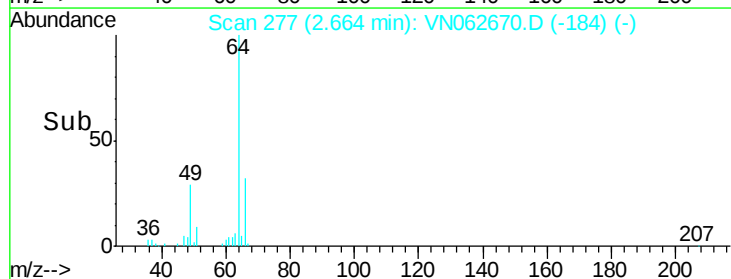
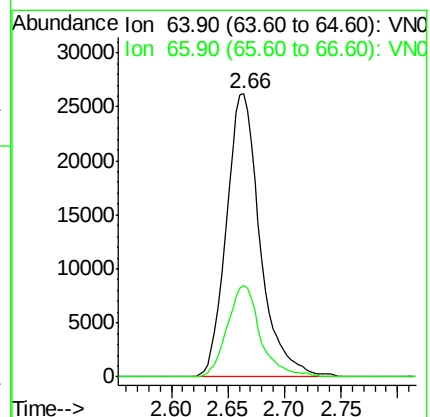
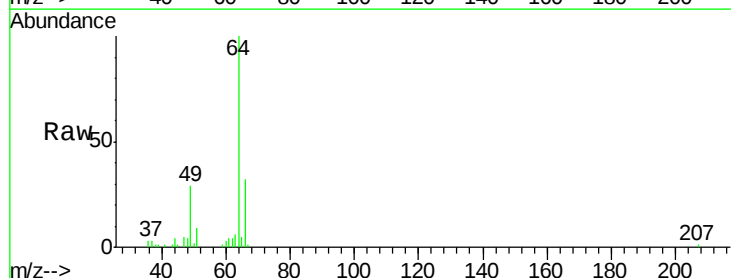
Acq: 30 Jul 2020 15:49

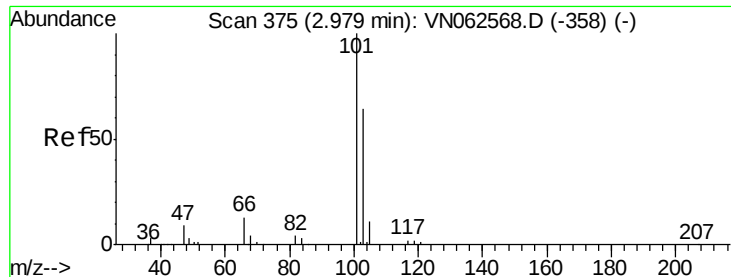
Tgt Ion: 64 Resp: 54349

Ion Ratio Lower Upper

64 100

66 32.5 25.8 38.8



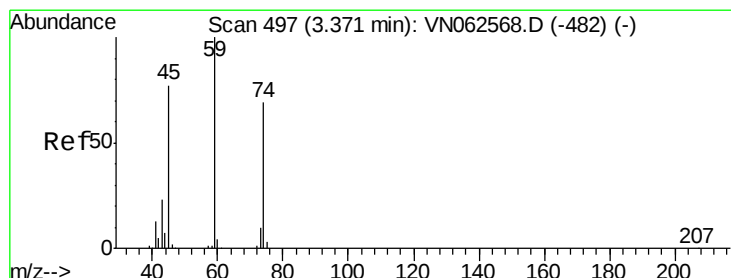
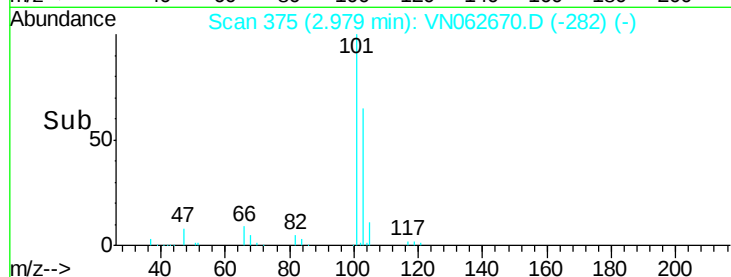
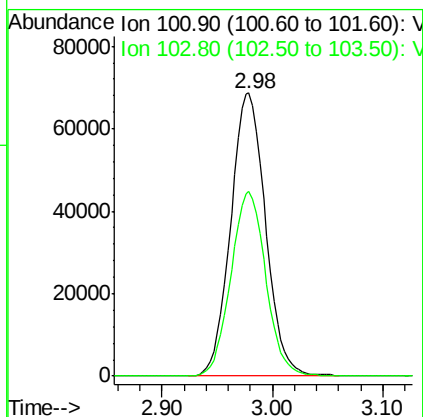
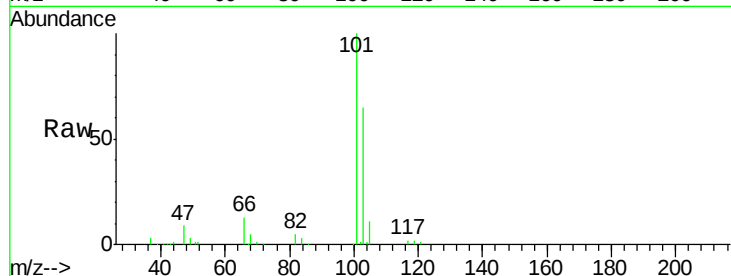


#7

Trichlorofluoromethane
 Concen: 53.527 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062670.D
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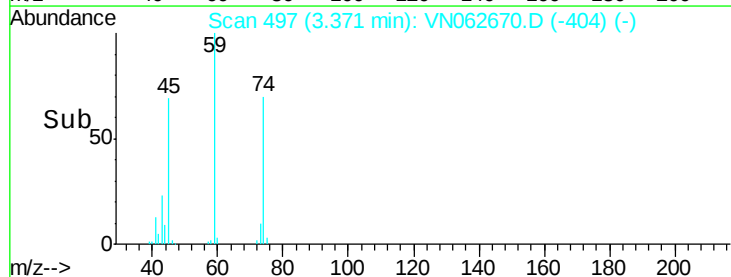
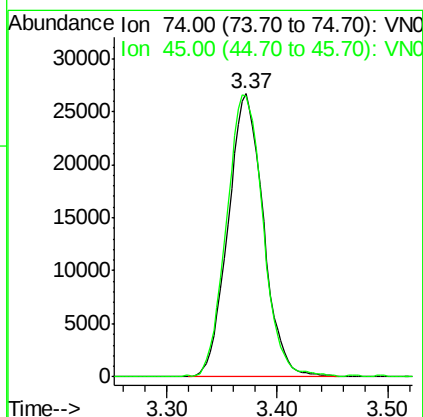
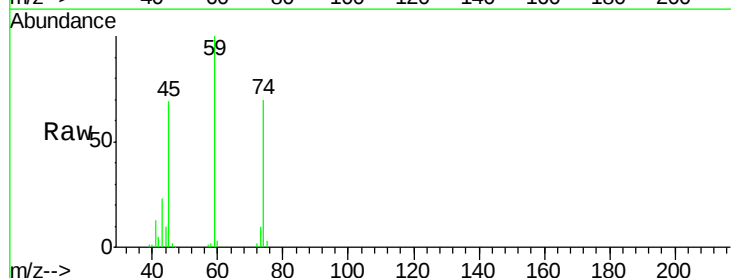
Tot Ion:101 Resp: 150390
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.5 77.3

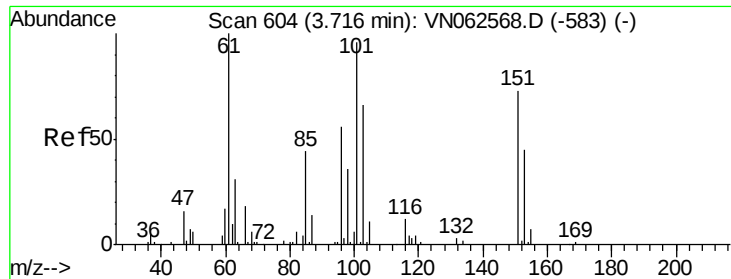


#8

Diethyl Ether
 Concen: 45.064 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062670.D
 Acq: 30 Jul 2020 15:49

Tgt Ion: 74 Resp: 59207
 Ion Ratio Lower Upper
 74 100
 45 103.3 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.936 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

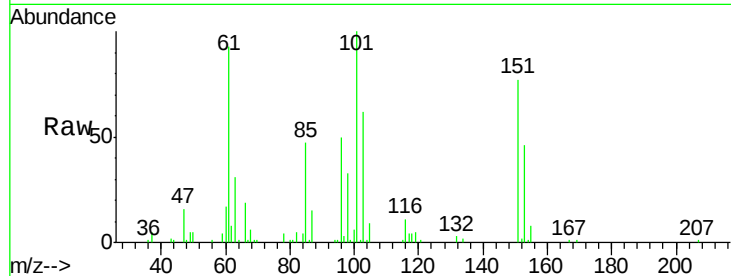
Tot Ion:101 Resp: 91755

Ion Ratio Lower Upper

101 100

85 44.7 36.0 54.0

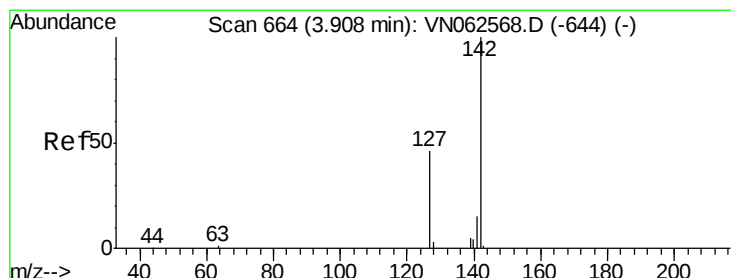
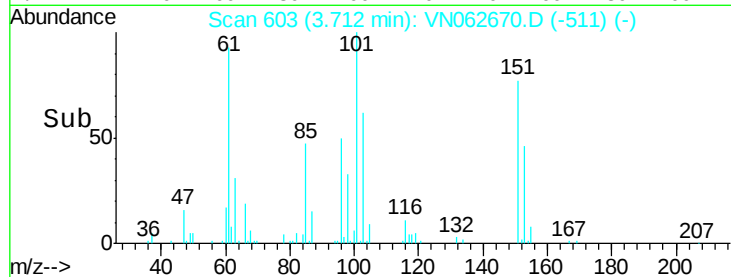
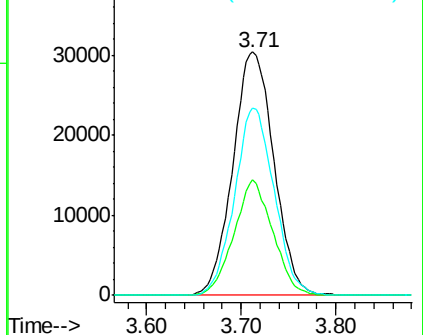
151 74.2 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.000 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

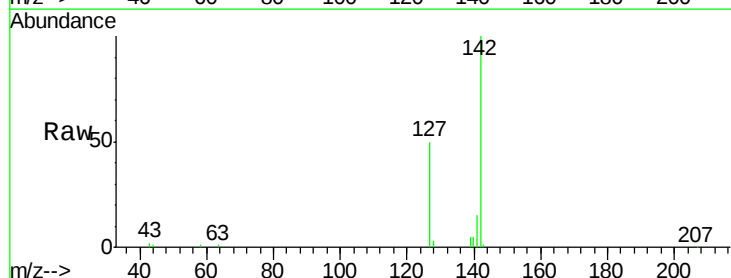
Tgt Ion:142 Resp: 112845

Ion Ratio Lower Upper

142 100

127 50.1 37.4 56.0

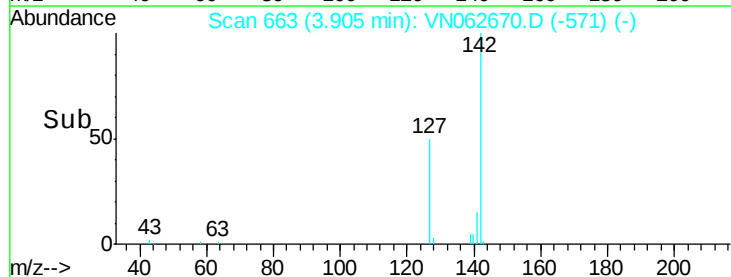
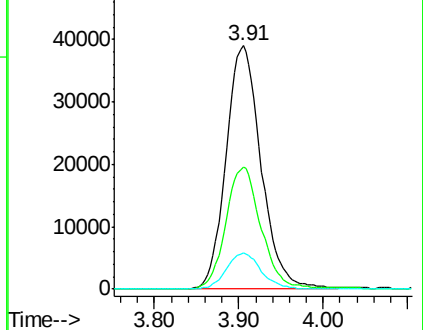
141 14.6 11.9 17.9

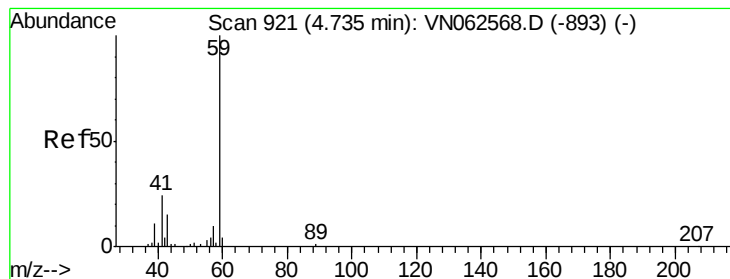


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



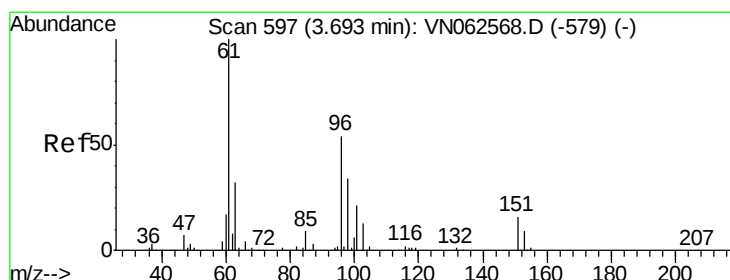
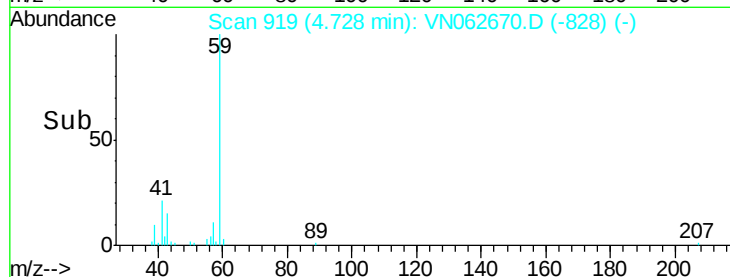
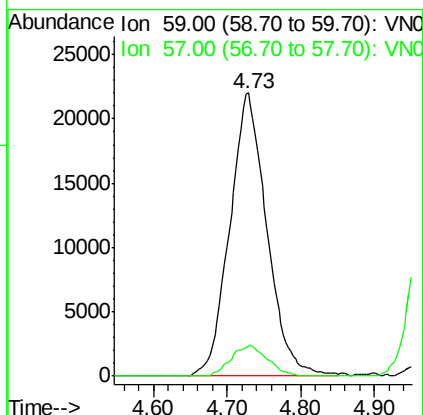
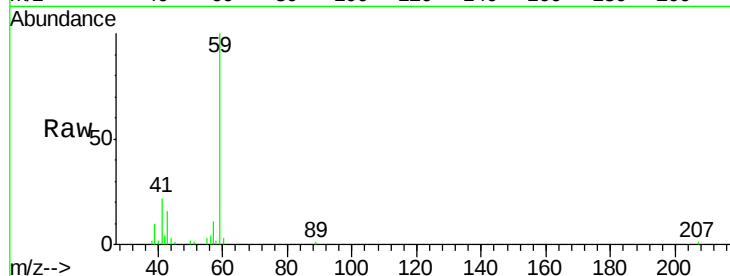


#11

Tert butyl alcohol
Concen: 182.700 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

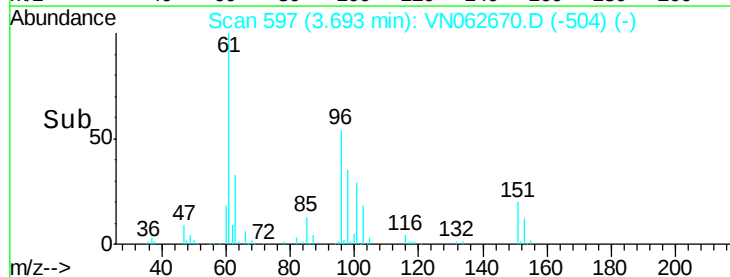
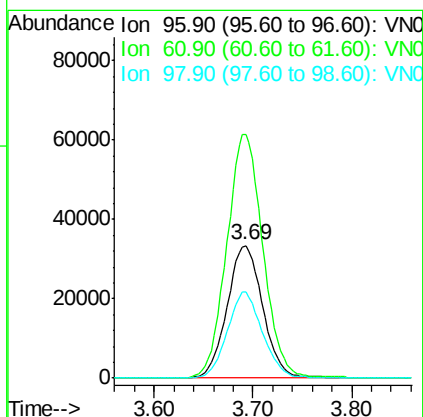
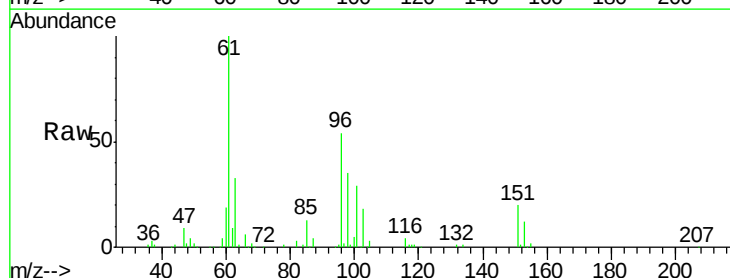
Tot Ion: 59 Resp: 77035
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2

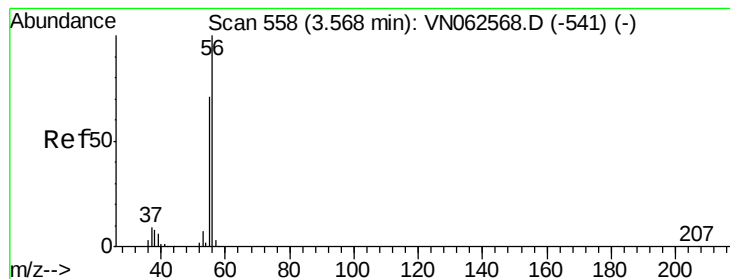


#12

1,1-Dichloroethene
Concen: 45.975 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

Tgt Ion: 96 Resp: 83993
Ion Ratio Lower Upper
96 100
61 183.5 148.6 222.8
98 65.0 50.6 75.8





#13

Acrolein

Concen: 155.820 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

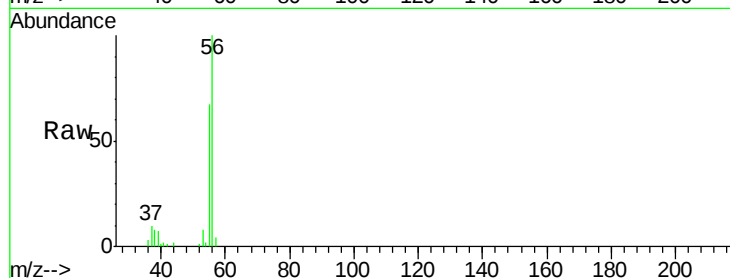
VSTDCCC050EC

Tot Ion: 56 Resp: 67071

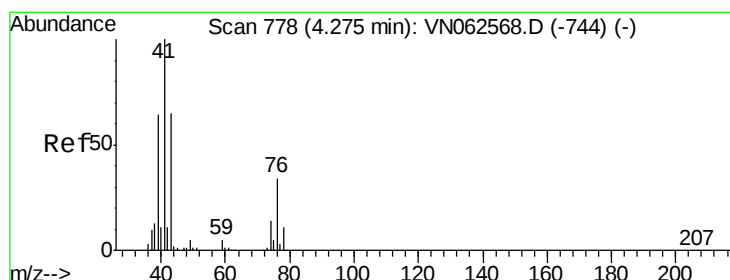
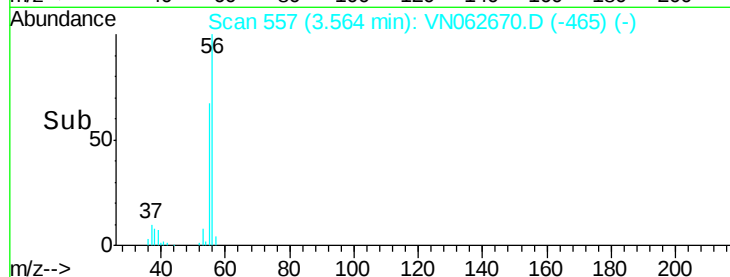
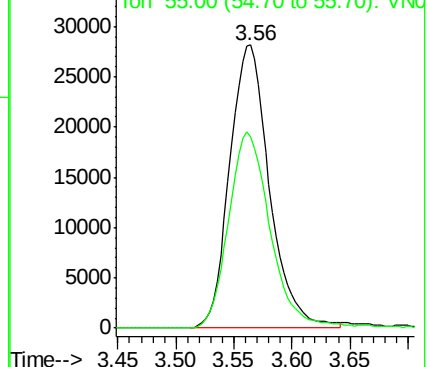
Ion Ratio Lower Upper

56 100

55 72.2 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VN062670.D (-541) (-)



#14

Allyl chloride

Concen: 42.268 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

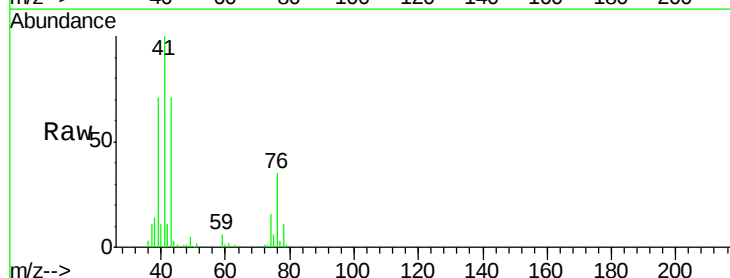
Tgt Ion: 41 Resp: 167036

Ion Ratio Lower Upper

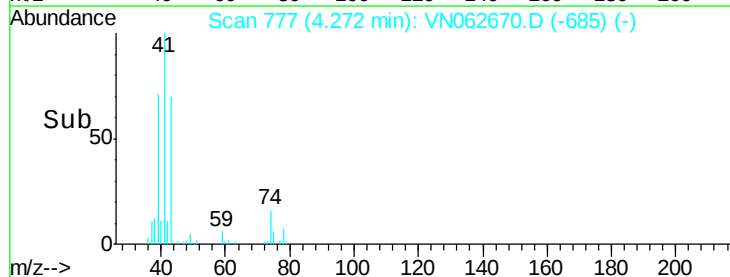
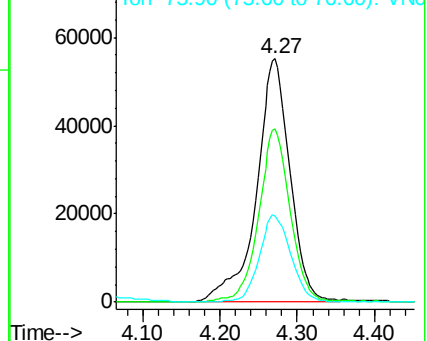
41 100

39 66.7 49.0 73.4

76 33.6 24.0 36.0



Abundance Ion 41.00 (40.70 to 41.70): VN062670.D (-685) (-)





#15

Acrylonitrile

Concen: 214.536 ug/l

RT: 4.92 min Scan# 979

Delta R.T. -0.01 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

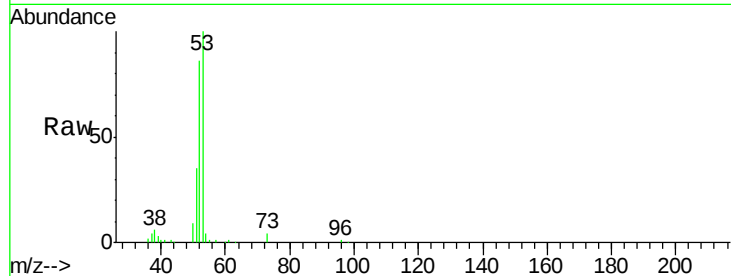
Tot Ion: 53 Resp: 242290

Ion Ratio Lower Upper

53 100

52 83.0 66.3 99.5

51 35.8 28.6 43.0

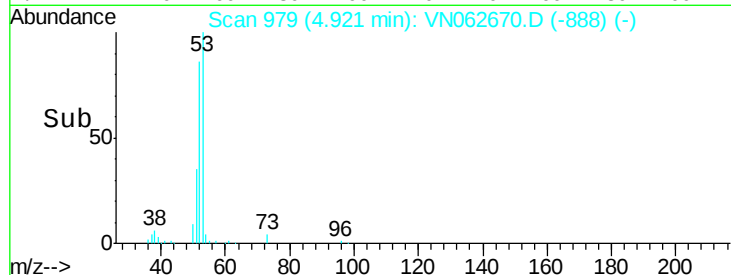


Abundance Ion 53.00 (52.70 to 53.70): VN062568.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN062568.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN062568.D (-960) (-)

Time-->

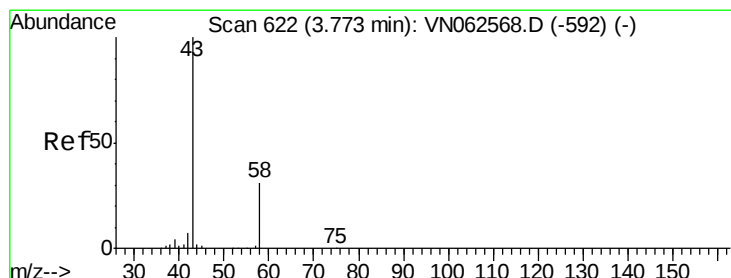


Abundance Ion 53.00 (52.70 to 53.70): VN062670.D (-888) (-)

Ion 52.00 (51.70 to 52.70): VN062670.D (-888) (-)

Ion 51.00 (50.70 to 51.70): VN062670.D (-888) (-)

Time-->



#16

Acetone

Concen: 218.462 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN062670.D

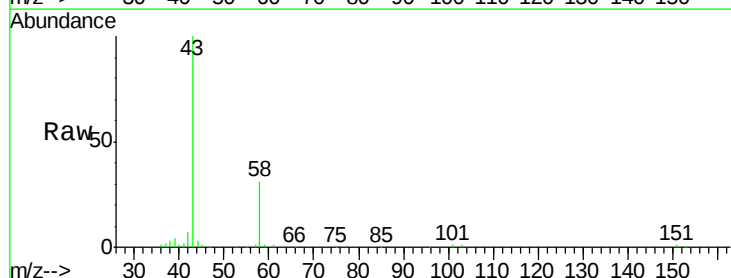
Acq: 30 Jul 2020 15:49

Tgt Ion: 43 Resp: 217897

Ion Ratio Lower Upper

43 100

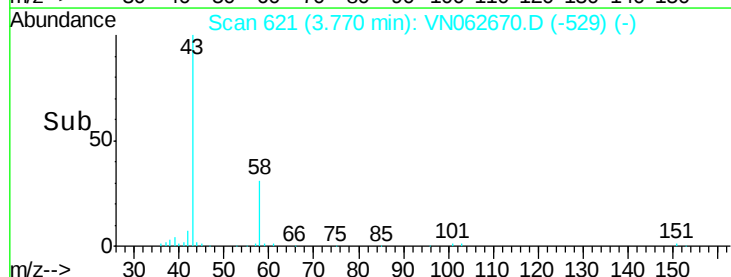
58 30.9 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN062568.D (-592) (-)

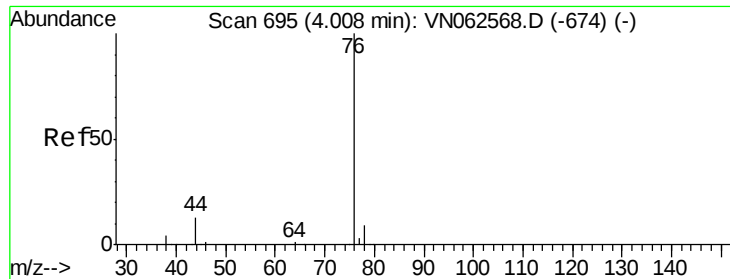
Time-->



Abundance Ion 43.00 (42.70 to 43.70): VN062670.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062670.D (-529) (-)

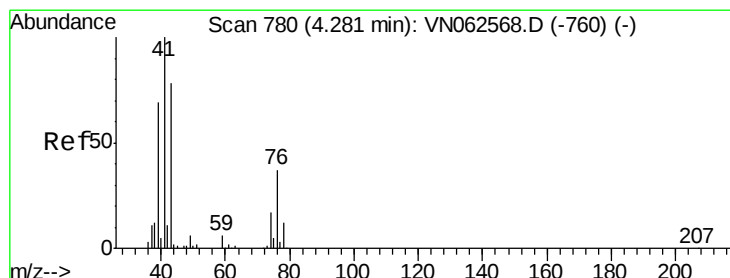
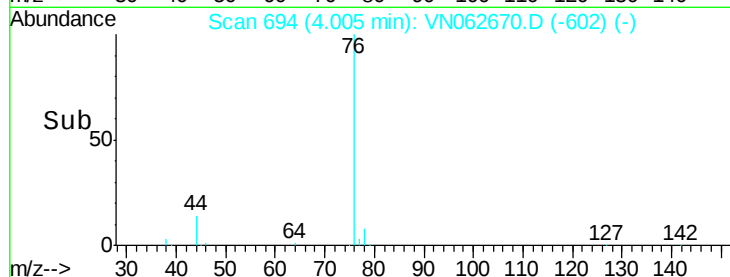
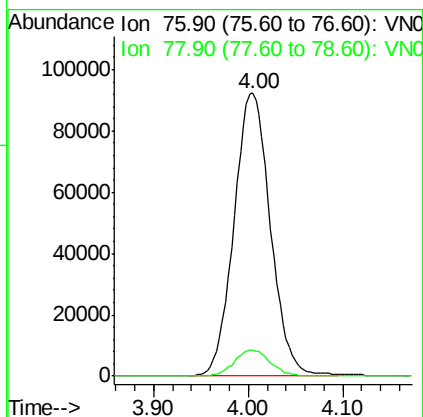
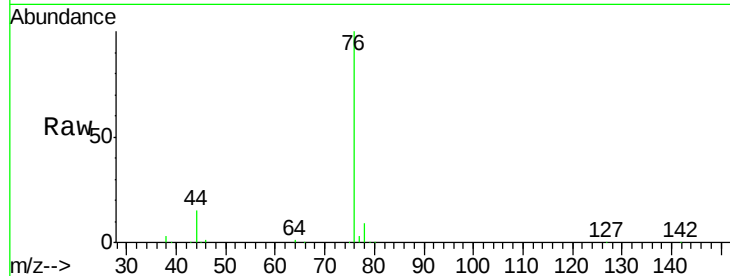
Time-->



#17
Carbon Disulfide
Concen: 41.170 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

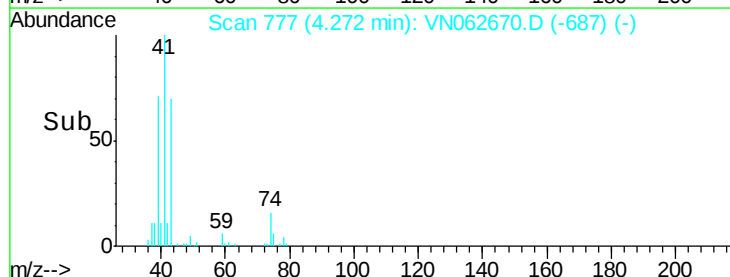
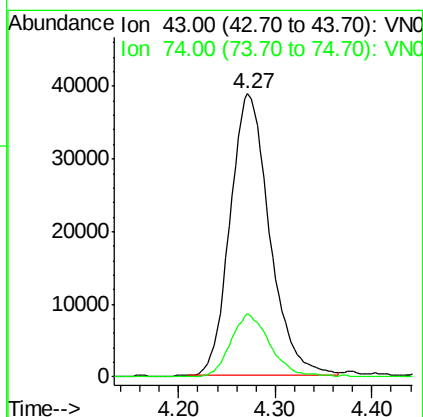
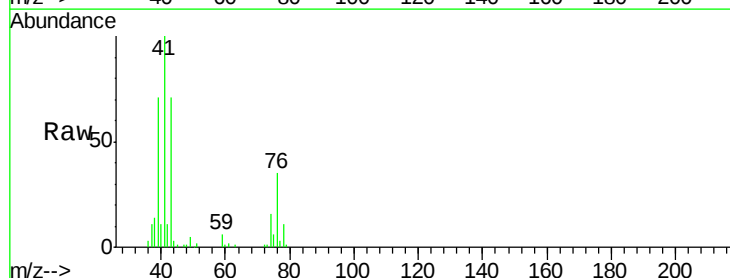
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

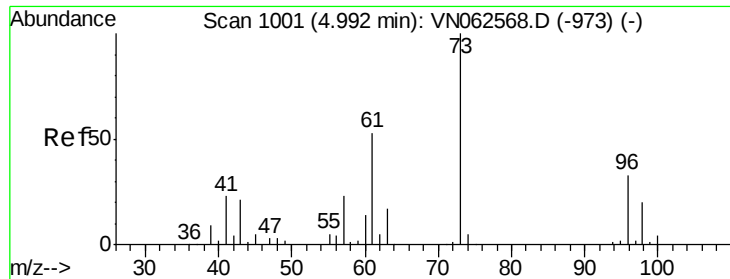
Tot Ion: 76 Resp: 247130
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 43.703 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.01 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

Tgt Ion: 43 Resp: 110352
Ion Ratio Lower Upper
43 100
74 22.2 16.6 24.8

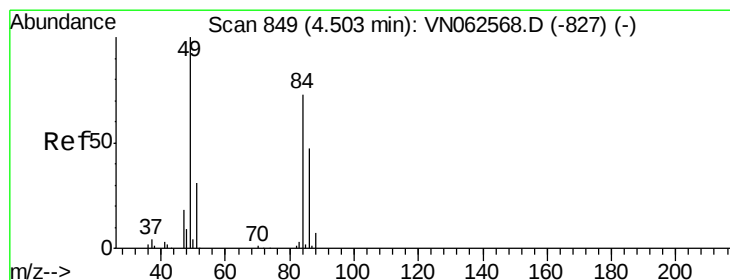
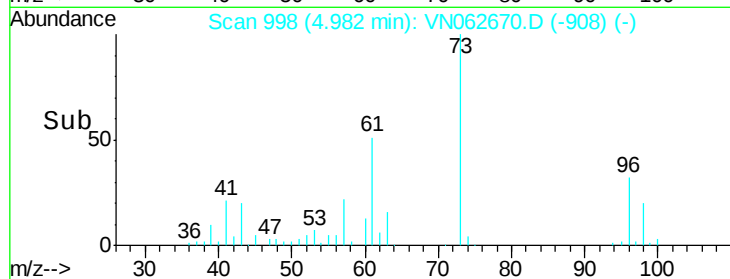
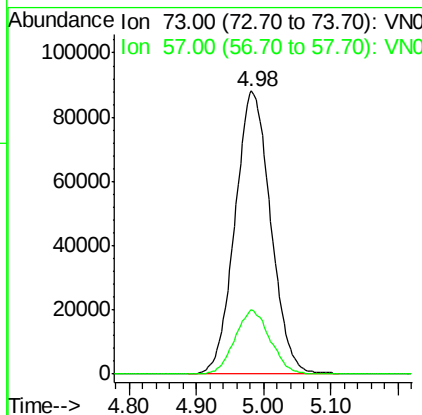
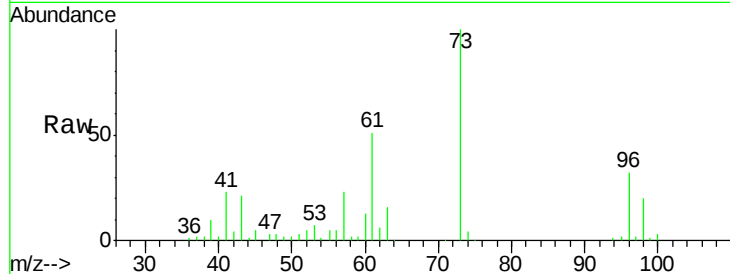




#19
Methvl tert-butvl Ether
Concen: 48.279 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

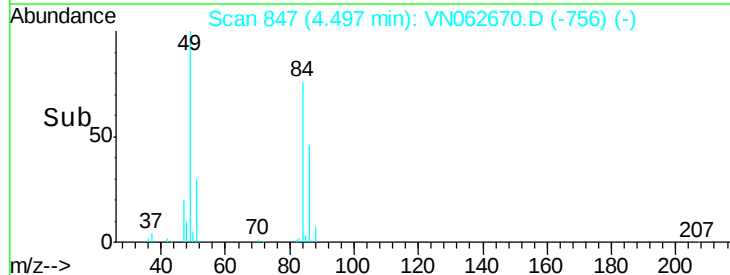
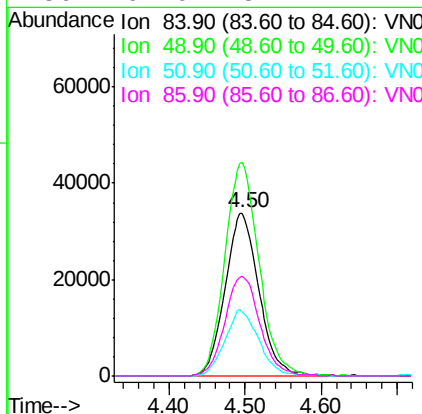
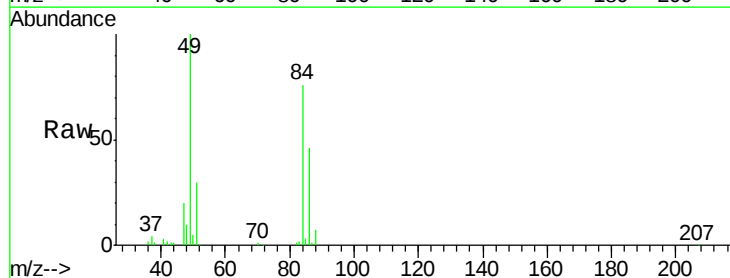
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

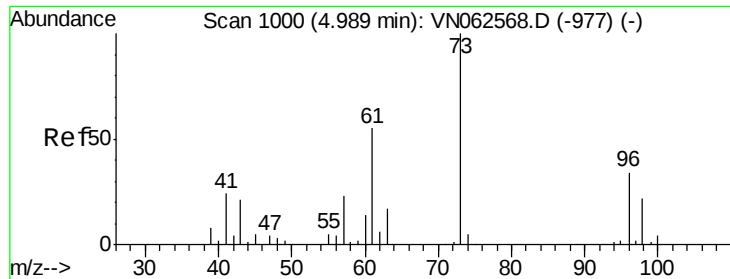
Tot Ion: 73 Resp: 324637
Ion Ratio Lower Upper
73 100
57 22.8 18.6 27.8



#20
Methylene Chloride
Concen: 43.534 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

Tgt Ion: 84 Resp: 104142
Ion Ratio Lower Upper
84 100
49 131.1 109.4 164.0
51 39.2 33.6 50.4
86 61.0 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 45.202 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

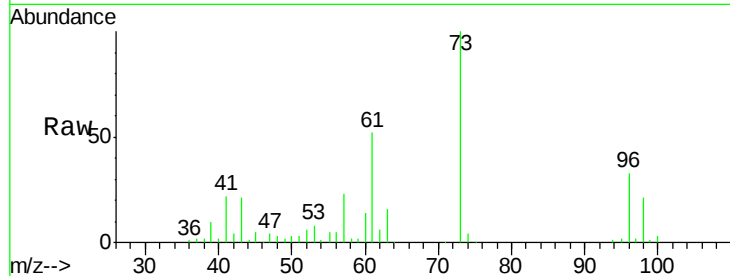
Tot Ion: 96 Resp: 91655

Ion Ratio Lower Upper

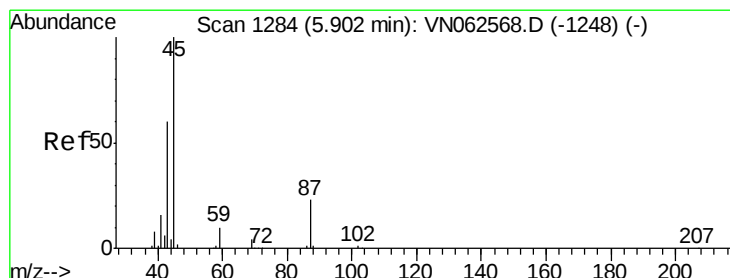
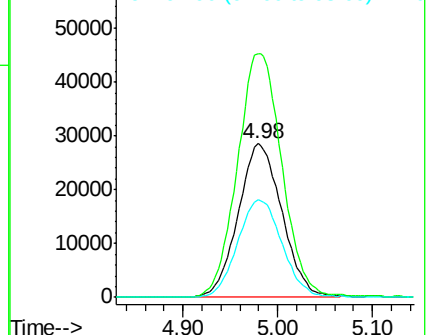
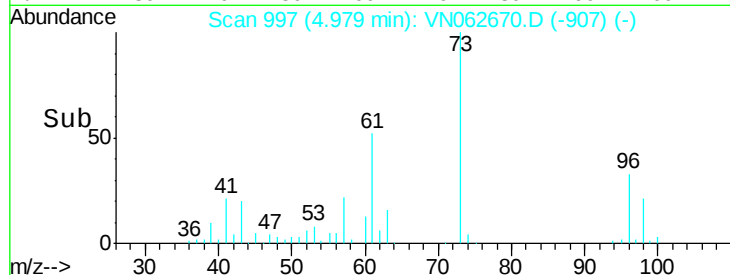
96 100

61 158.4 128.6 192.8

98 63.8 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN062670.D (-907) (-)



#22

Diisopropyl ether

Concen: 44.709 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Tgt Ion: 45 Resp: 351200

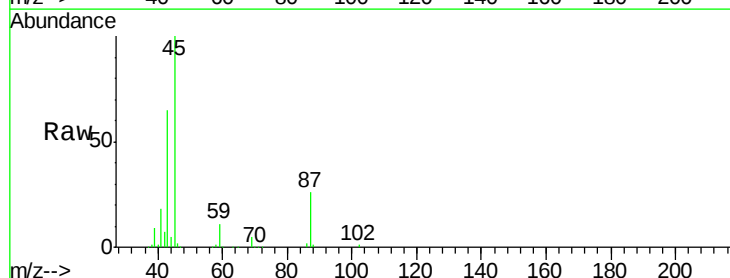
Ion Ratio Lower Upper

45 100

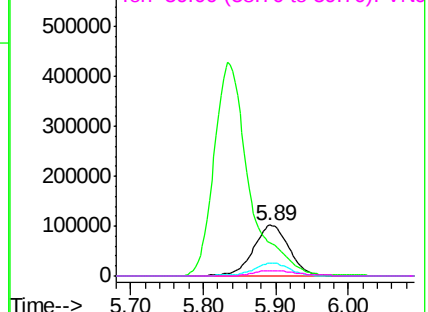
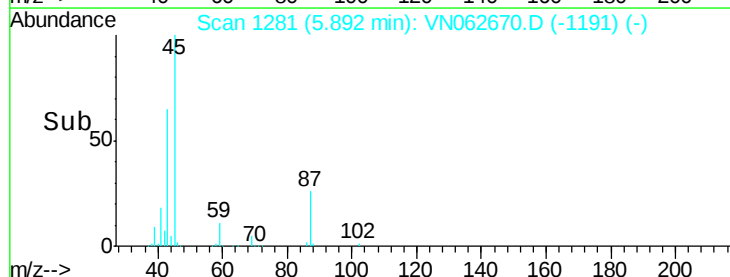
43 63.0 48.7 73.1

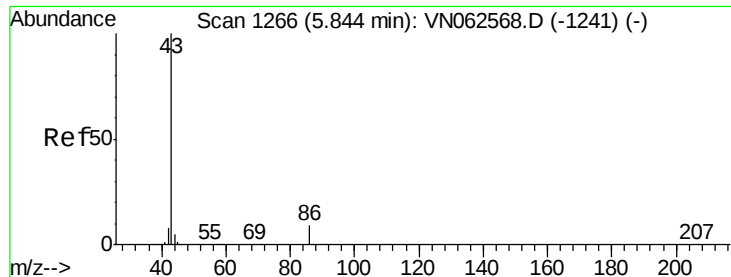
87 25.6 19.0 28.6

59 10.9 8.6 13.0



Abundance Ion 45.00 (44.70 to 45.70): VN062670.D (-1191) (-)





#23

Vinyl Acetate

Concen: 223.128 ug/l

RT: 5.83 min Scan# 1263

Delta R.T. -0.01 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

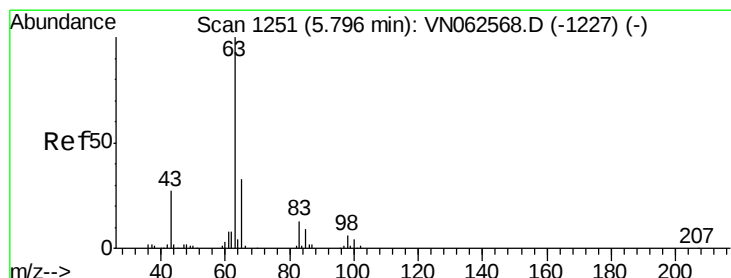
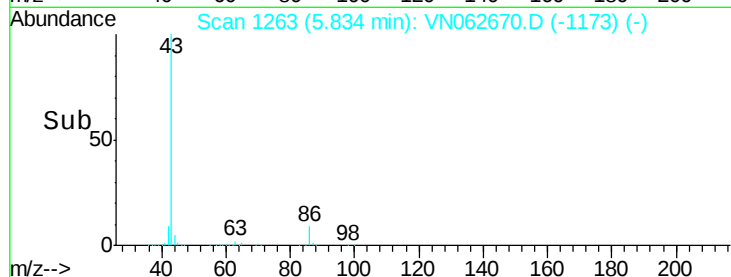
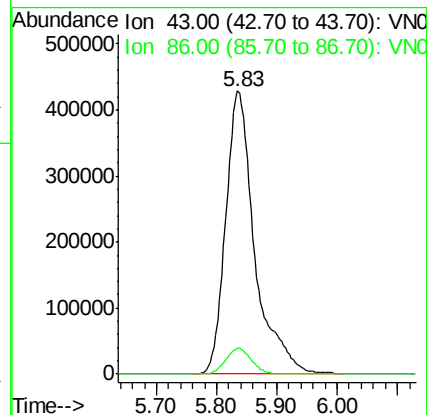
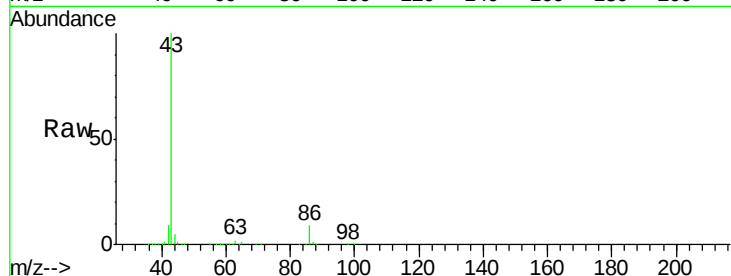
VSTDCCC050EC

Tot Ion: 43 Resp: 1436139

Ion Ratio Lower Upper

43 100

86 9.2 6.9 10.3



#24

1,1-Dichloroethane

Concen: 46.228 ug/l

RT: 5.79 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

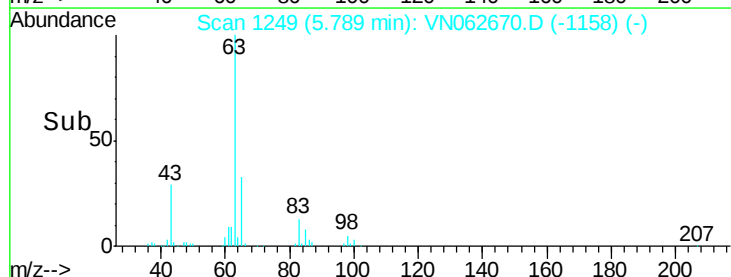
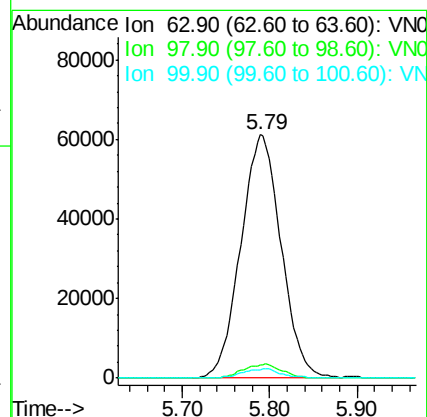
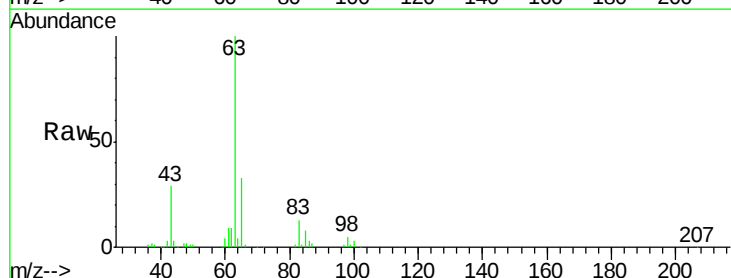
Tgt Ion: 63 Resp: 195545

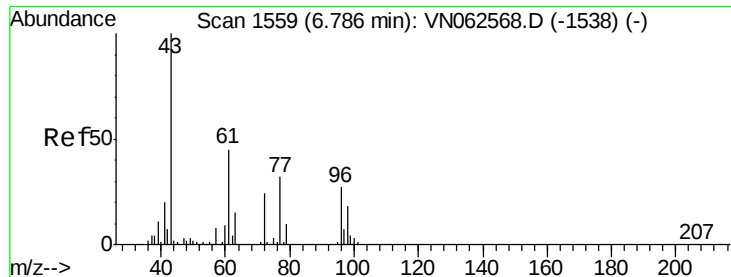
Ion Ratio Lower Upper

63 100

98 5.4 2.9 8.8

100 3.5 1.8 5.4

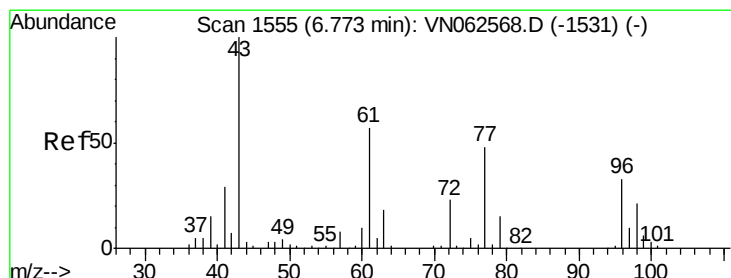
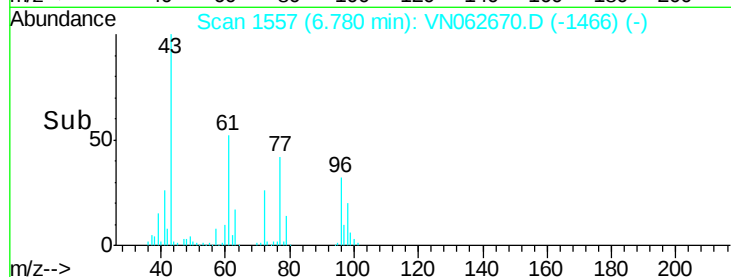
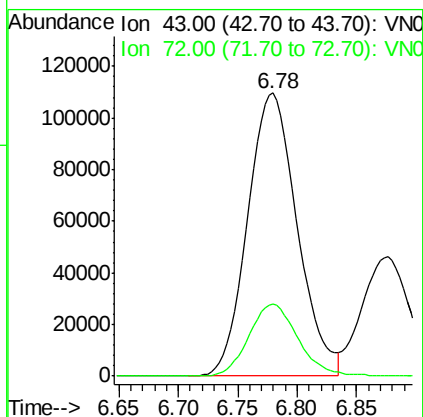
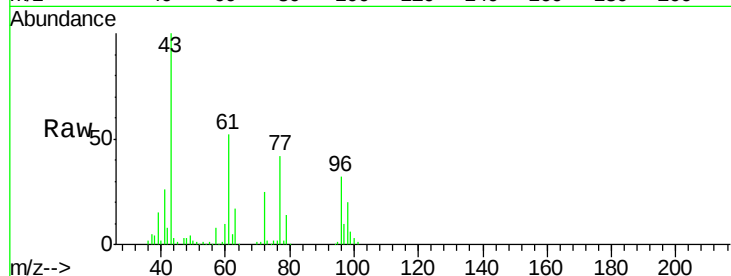




#25
2-Butanone
Concen: 207.427 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

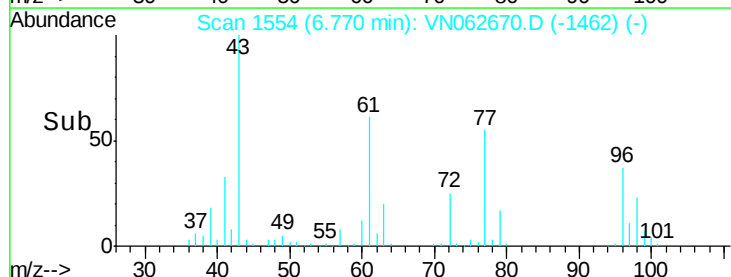
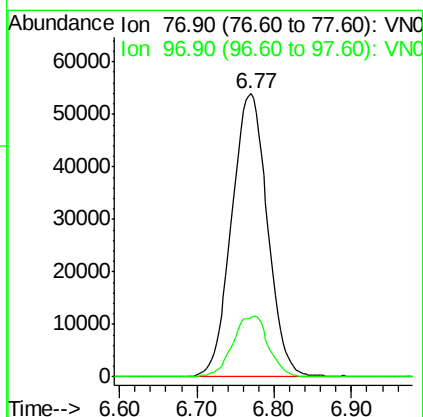
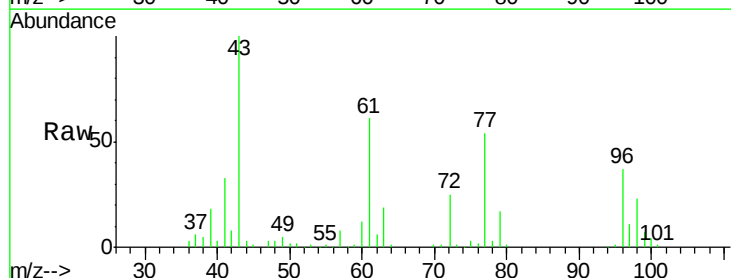
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

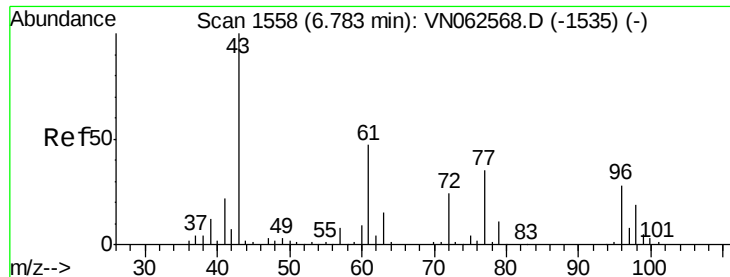
Tot Ion: 43 Resp: 315088
Ion Ratio Lower Upper
43 100
72 25.5 19.0 28.6



#26
2,2-Dichloropropane
Concen: 49.964 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

Tgt Ion: 77 Resp: 173498
Ion Ratio Lower Upper
77 100
97 21.2 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 46.165 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

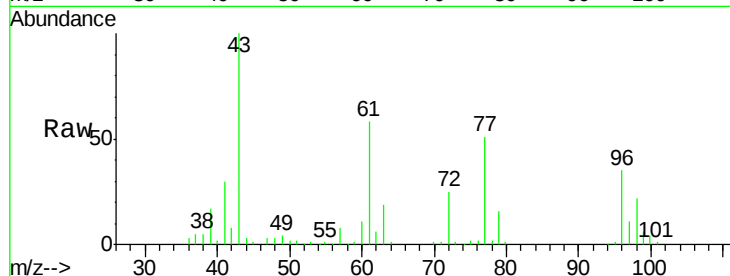
Tot Ion: 96 Resp: 106814

Ion Ratio Lower Upper

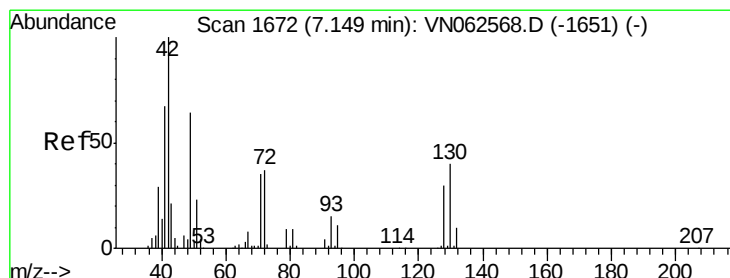
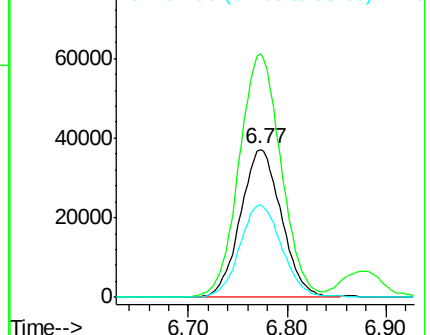
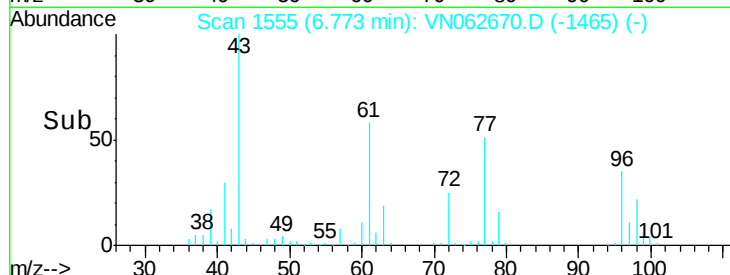
96 100

61 168.2 0.0 332.4

98 64.1 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN062670.D (-1465) (-)



#28

Bromochloromethane

Concen: 44.482 ug/l

RT: 7.14 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

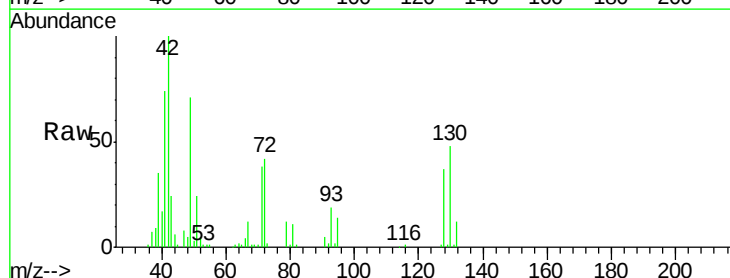
Tgt Ion: 49 Resp: 92599

Ion Ratio Lower Upper

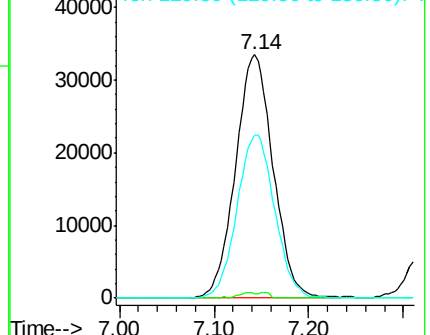
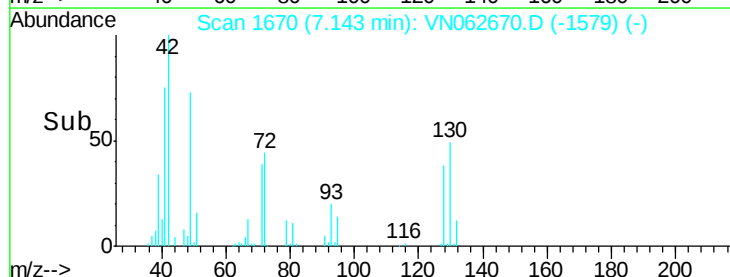
49 100

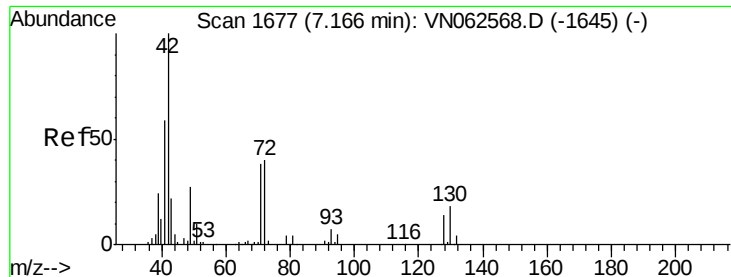
129 1.1 0.0 3.4

130 67.1 49.8 74.8



Abundance Ion 48.90 (48.60 to 49.60): VN062670.D (-1579) (-)

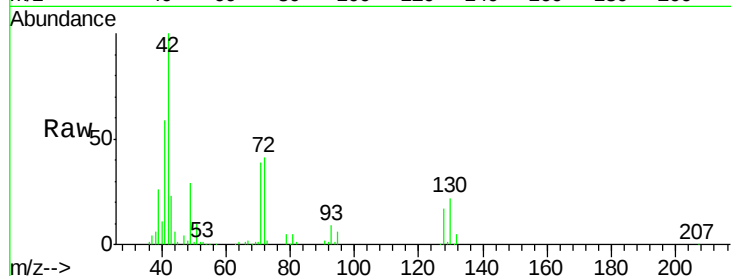




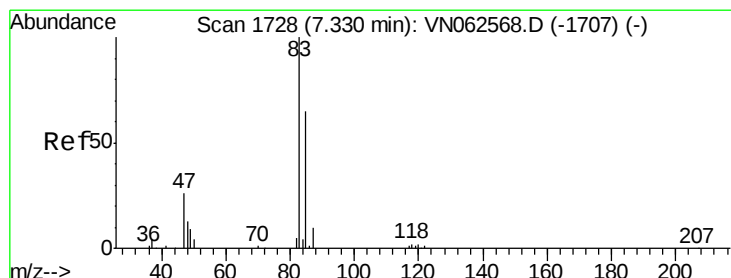
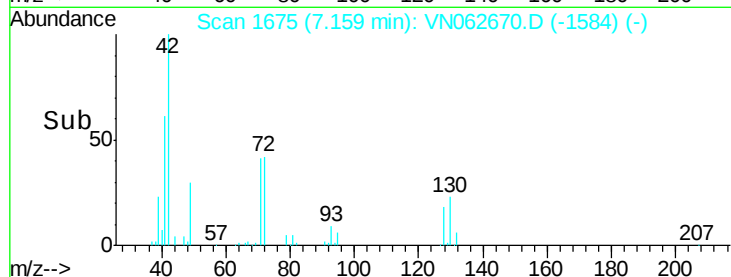
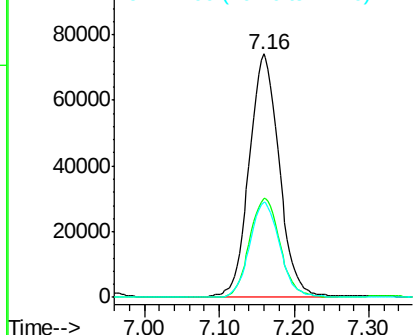
#29
Tetrahydrofuran
Concen: 202.450 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 208091
Ion Ratio Lower Upper
42 100
72 41.2 30.7 46.1
71 39.1 29.1 43.7

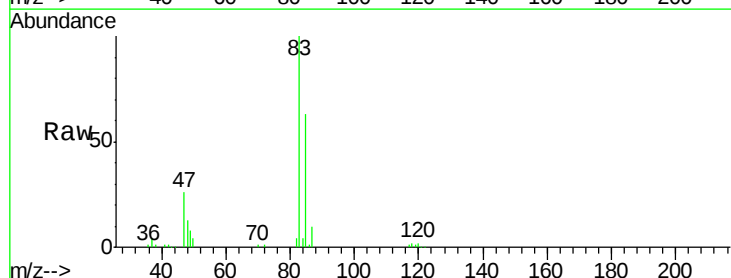


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

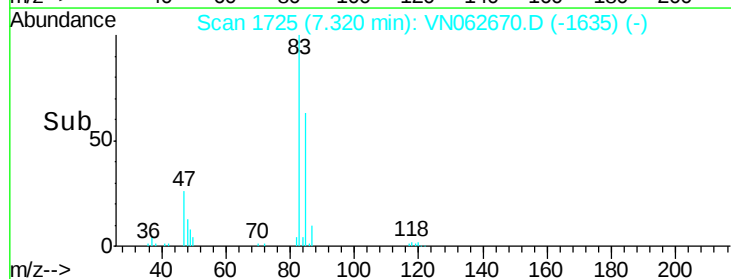
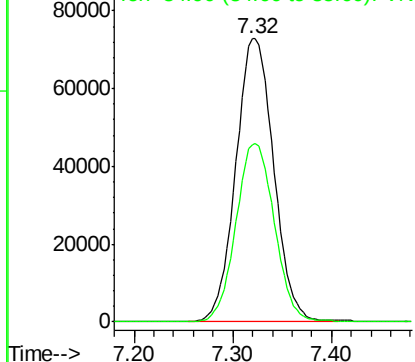


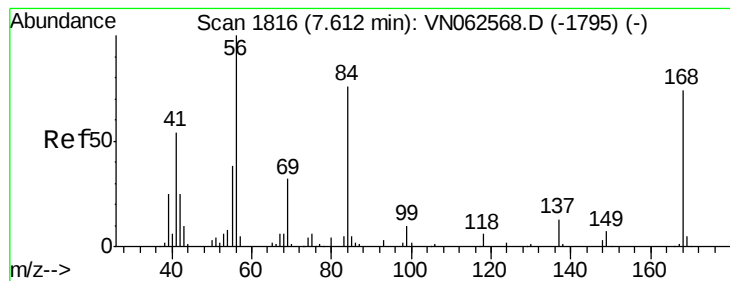
#30
Chloroform
Concen: 48.289 ug/l
RT: 7.32 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

Tgt Ion: 83 Resp: 194213
Ion Ratio Lower Upper
83 100
85 62.6 52.0 78.0



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





#31

Cyclohexane

Concen: 41.966 ug/l

RT: 7.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

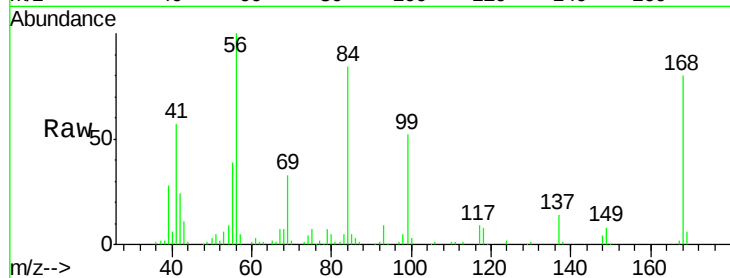
Tot Ion: 56 Resp: 163899

Ion Ratio Lower Upper

56 100

69 33.2 25.3 37.9

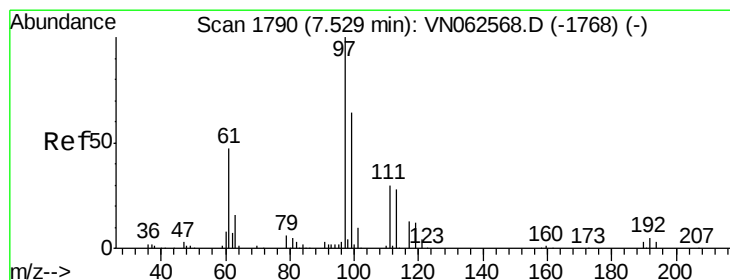
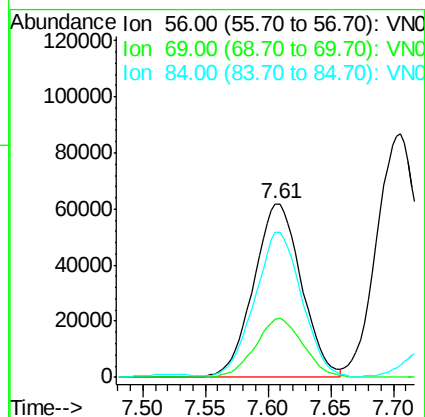
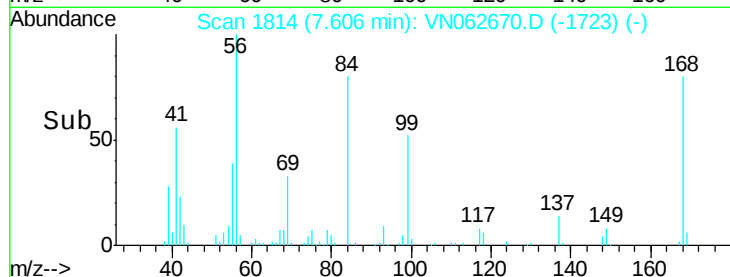
84 82.5 61.0 91.4



Abundance Ion 56.00 (55.70 to 56.70): VN062670.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062670.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062670.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 51.687 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

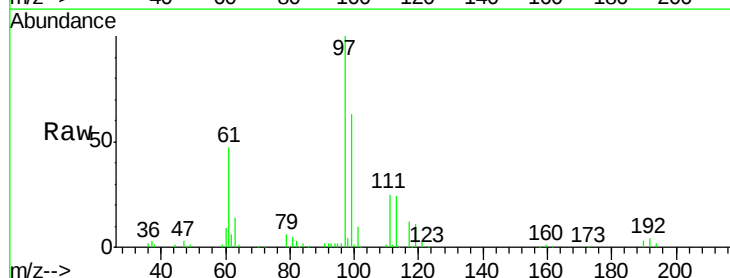
Tgt Ion: 97 Resp: 173558

Ion Ratio Lower Upper

97 100

99 63.3 51.2 76.8

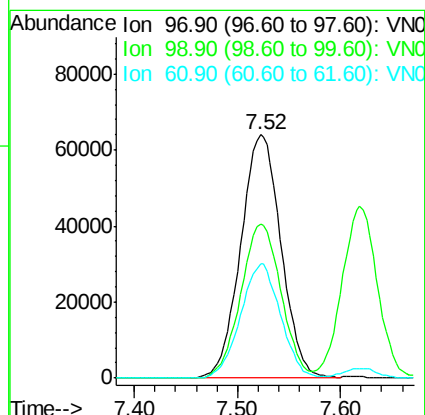
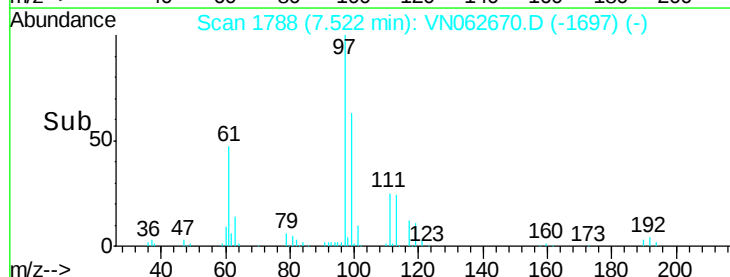
61 46.6 38.4 57.6

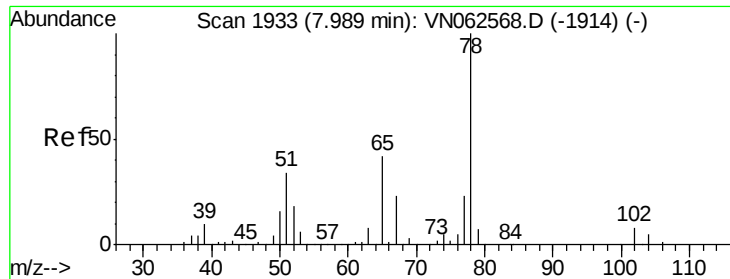


Abundance Ion 96.90 (96.60 to 97.60): VN062670.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062670.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062670.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 48.727 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.01 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

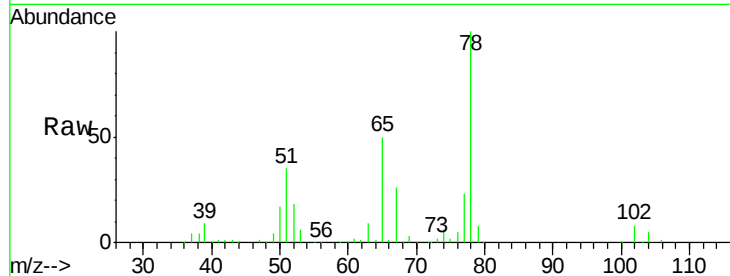
VSTDCCC050EC

Tot Ion: 65 Resp: 129152

Ion Ratio Lower Upper

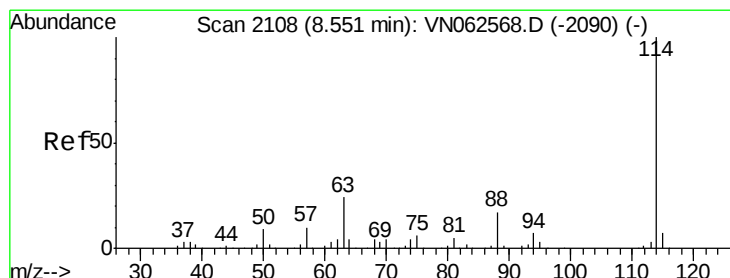
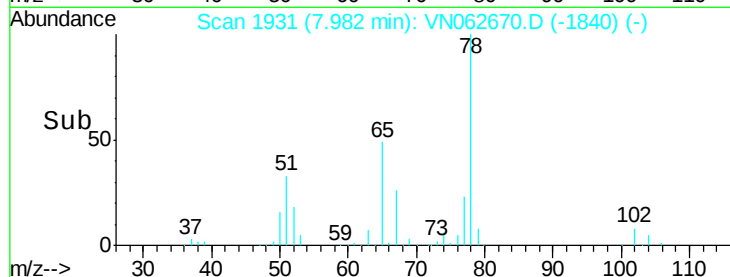
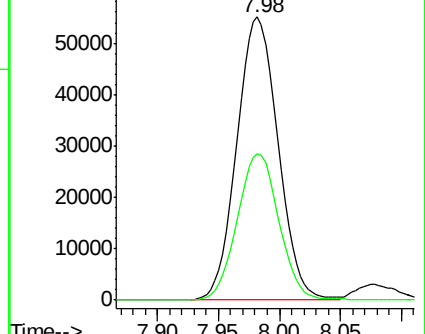
65 100

67 51.9 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN062568.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN062568.D (-1914) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.54 min Scan# 2106

Delta R.T. -0.01 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

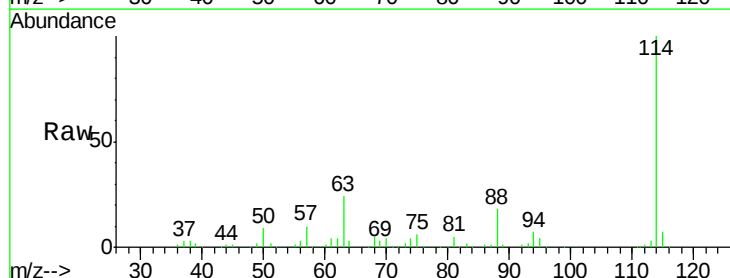
Tgt Ion: 114 Resp: 268048

Ion Ratio Lower Upper

114 100

63 24.0 0.0 48.4

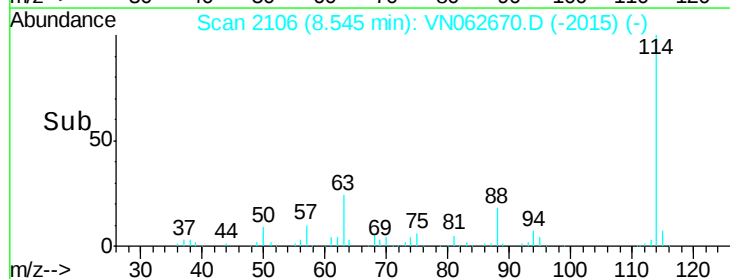
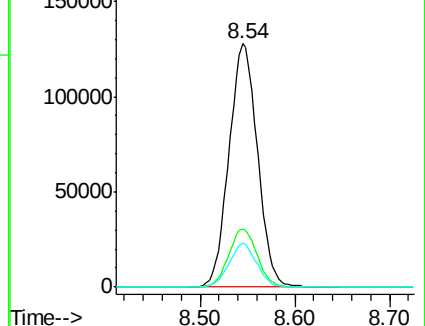
88 18.1 0.0 33.8

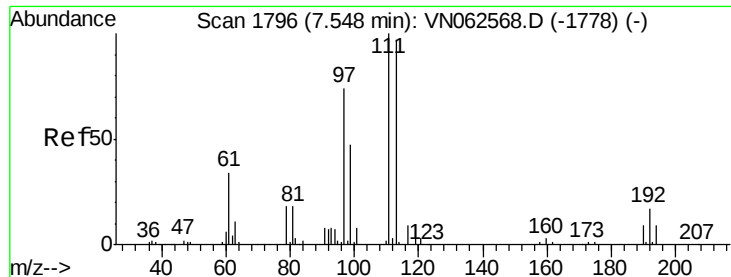


Abundance Ion 113.90 (113.60 to 114.60): VN062568.D (-2090) (-)

Ion 63.00 (62.70 to 63.70): VN062568.D (-2090) (-)

Ion 87.90 (87.60 to 88.60): VN062568.D (-2090) (-)

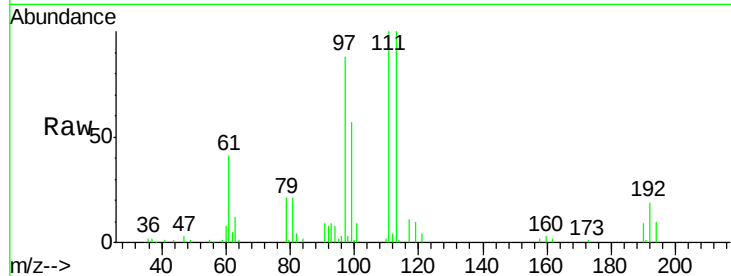




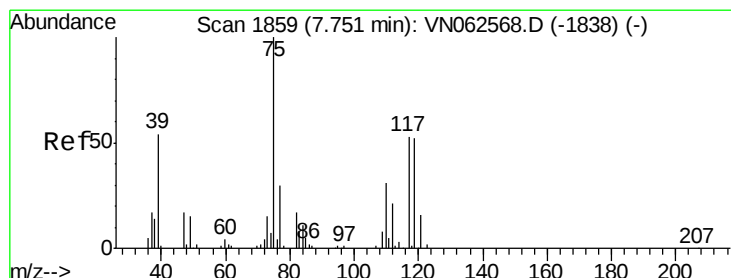
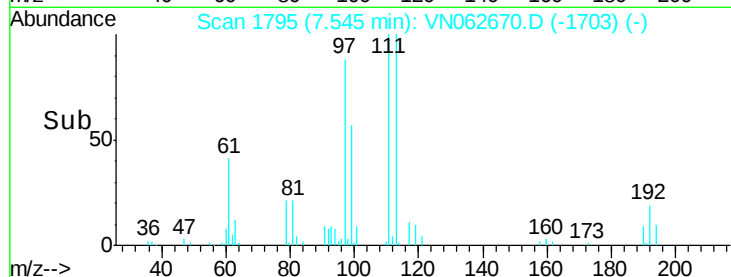
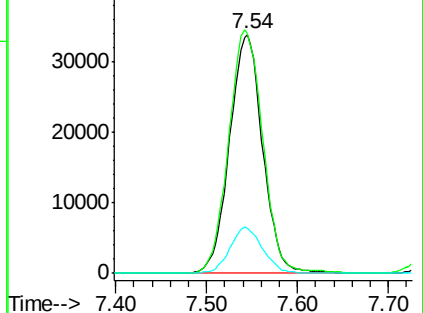
#35
 Dibromofluoromethane
 Concen: 48.600 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062670.D
 Acq: 30 Jul 2020 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 85569
 Ion Ratio Lower Upper
 113 100
 111 104.9 82.7 124.1
 192 19.0 14.8 22.2

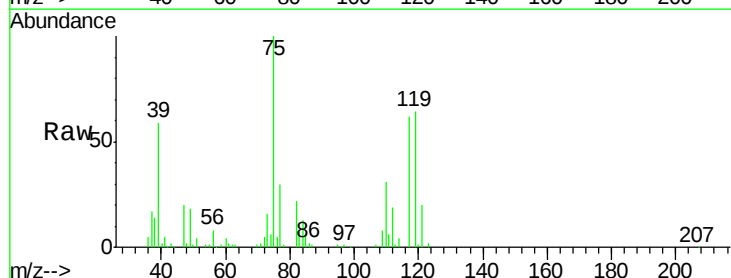


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

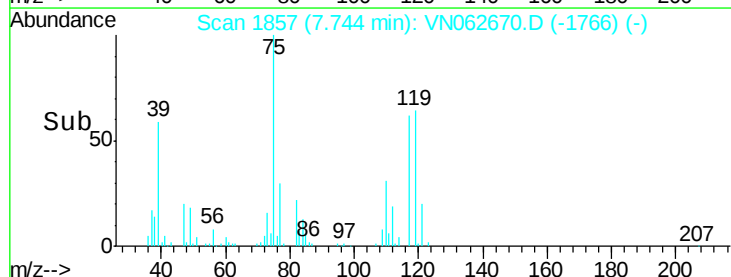
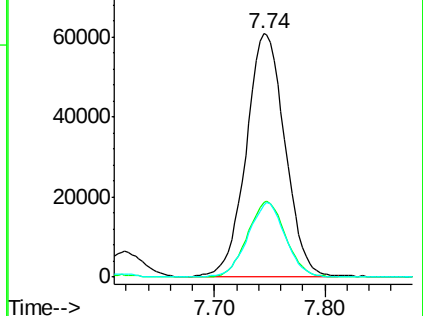


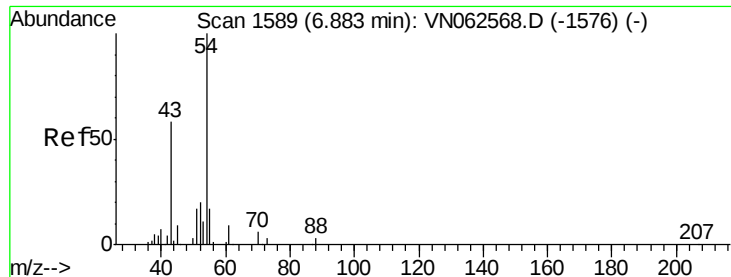
#36
 1,1-Dichloropropene
 Concen: 51.414 ug/l
 RT: 7.74 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: VN062670.D
 Acq: 30 Jul 2020 15:49

Tgt Ion: 75 Resp: 146895
 Ion Ratio Lower Upper
 75 100
 110 30.7 16.0 48.0
 77 29.9 24.6 36.8



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

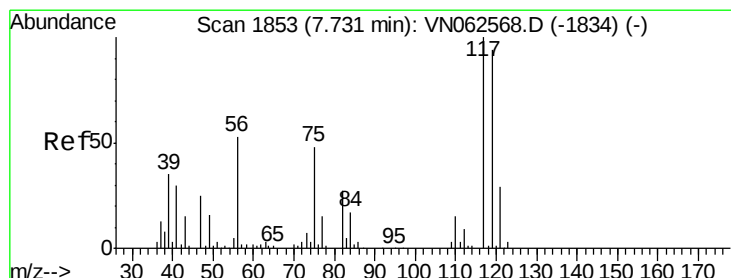
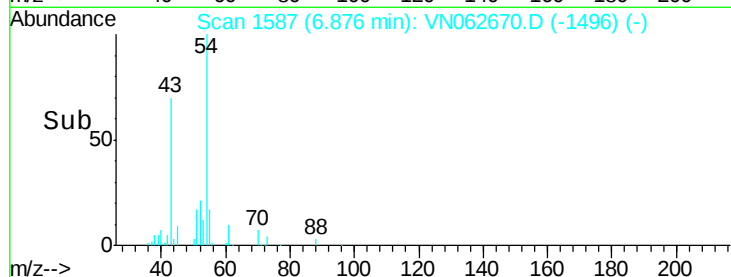
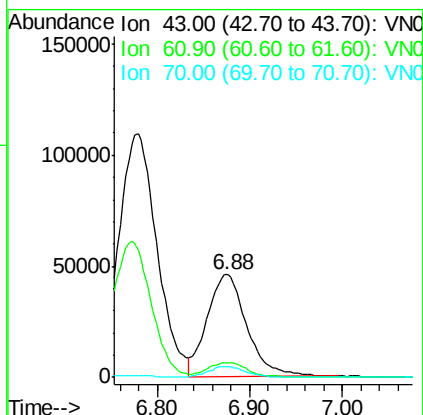
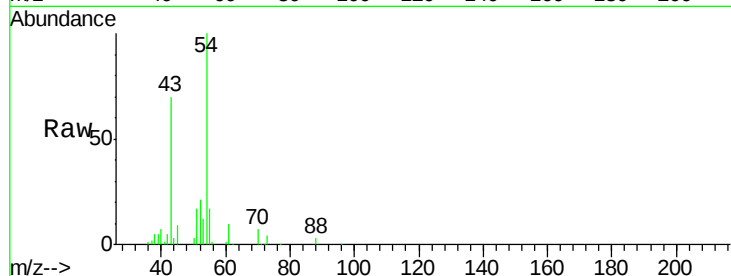




#37
Ethyl Acetate
Concen: 44.236 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

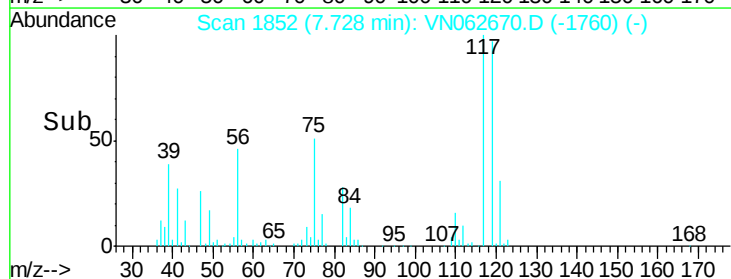
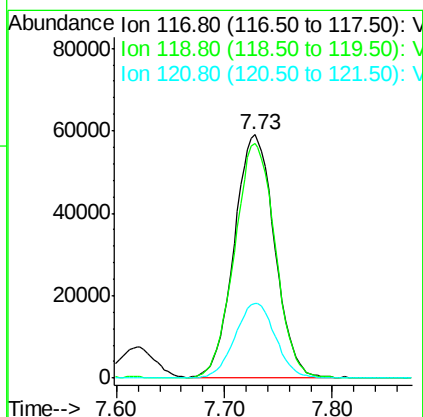
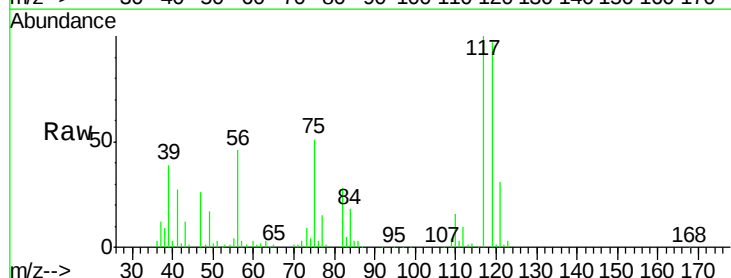
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

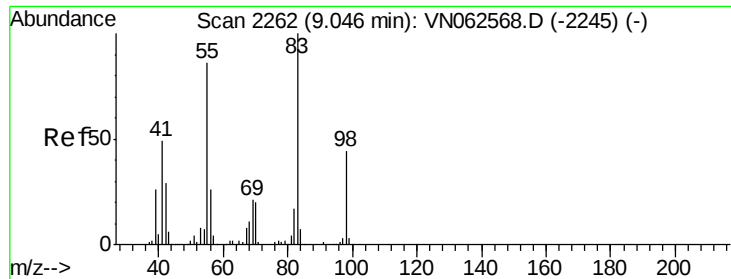
Tot Ion: 43 Resp: 136239
Ion Ratio Lower Upper
43 100
61 14.5 11.3 16.9
70 10.0 7.7 11.5



#38
Carbon Tetrachloride
Concen: 55.628 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

Tgt Ion: 117 Resp: 152771
Ion Ratio Lower Upper
117 100
119 96.9 74.8 112.2
121 30.7 23.0 34.6

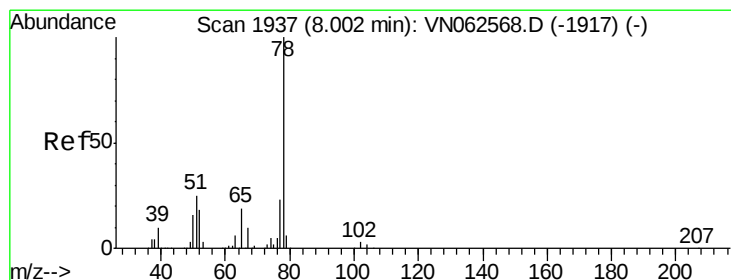
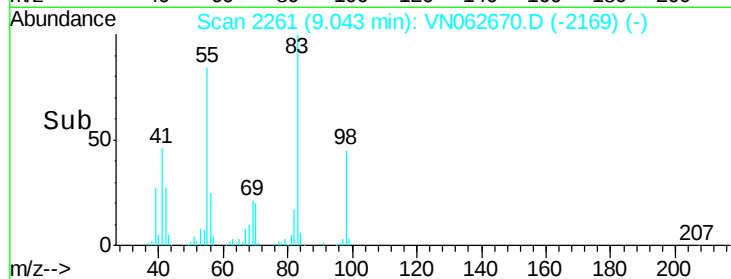
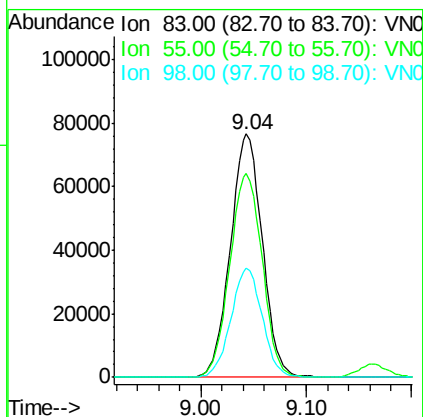
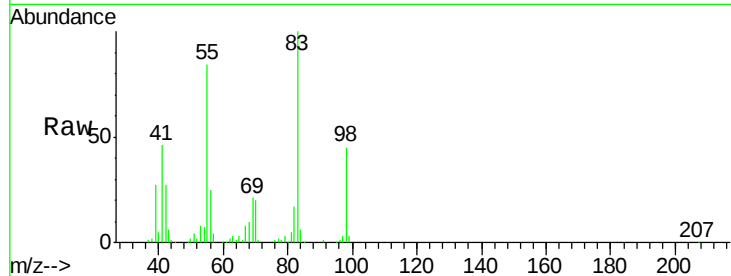




#39
Methvlcvclohexane
Concen: 52.222 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

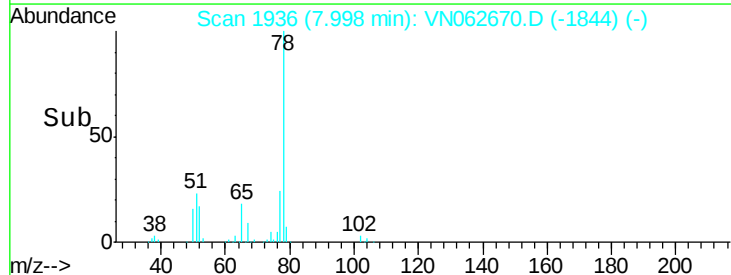
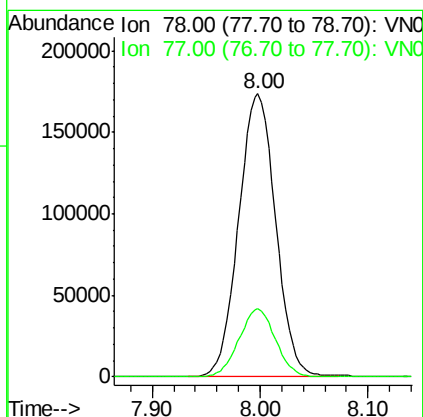
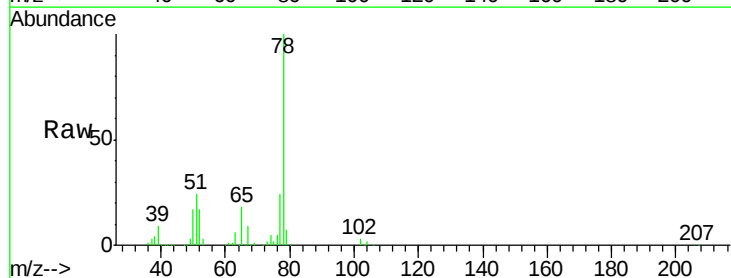
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

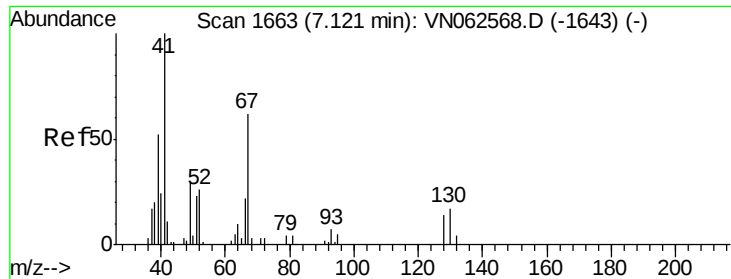
Tot Ion: 83 Resp: 160613
Ion Ratio Lower Upper
83 100
55 83.6 68.9 103.3
98 44.7 35.1 52.7



#40
Benzene
Concen: 47.941 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

Tgt Ion: 78 Resp: 414680
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1

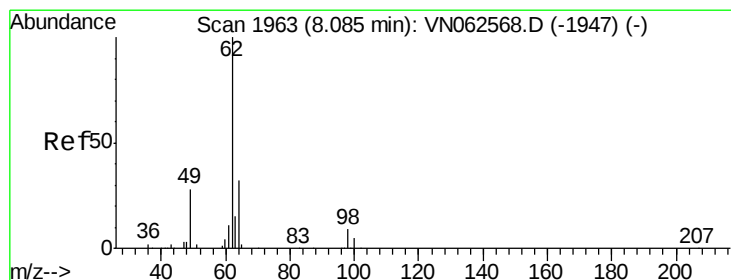
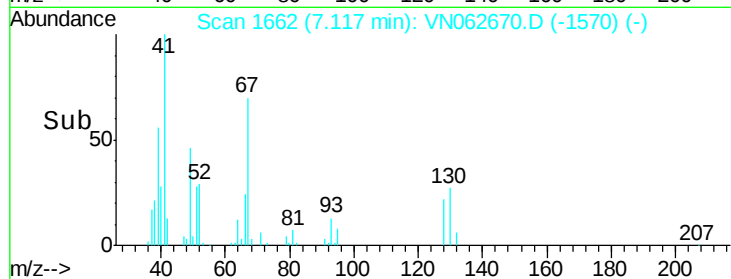
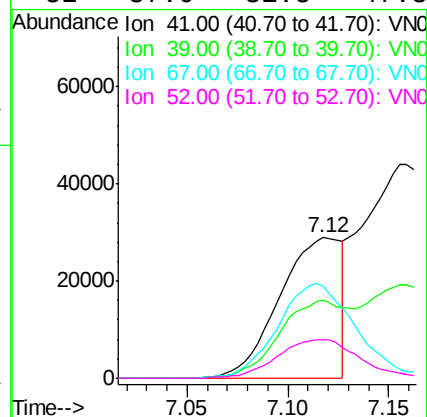
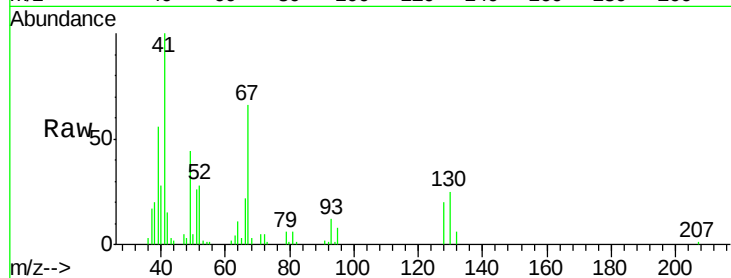




#41
Methacrylonitrile
Concen: 46.565 ug/l
RT: 7.12 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

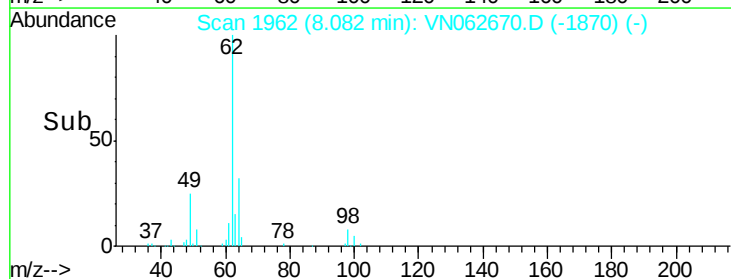
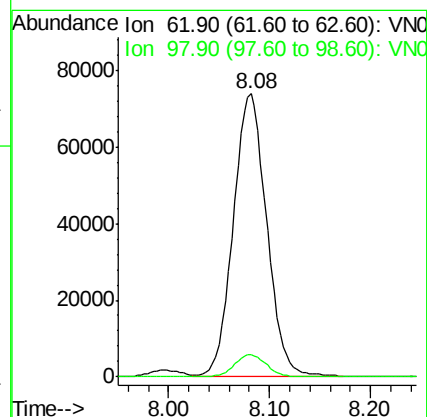
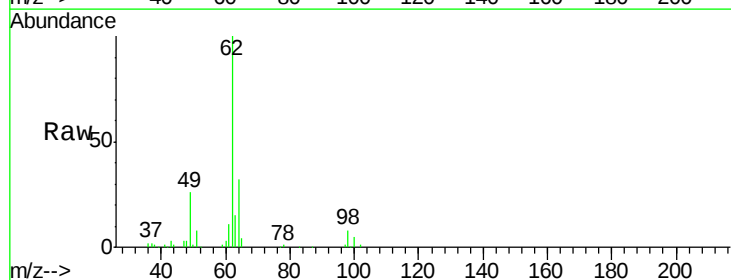
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

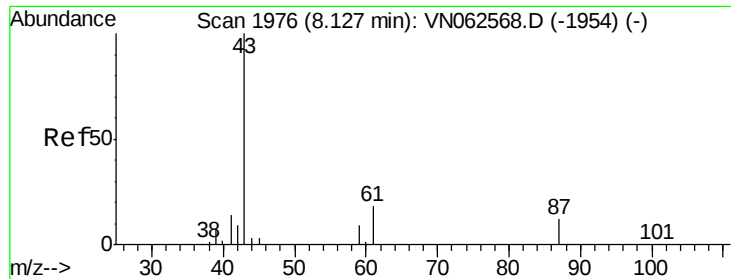
Tot Ion:	41	Resp:	61463
Ion	Ratio	Lower	Upper
41	100		
39	63.5	55.8	83.6
67	86.0	72.5	108.7
52	37.0	31.8	47.8



#42
1,2-Dichloroethane
Concen: 53.586 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

Tgt Ion:	62	Resp:	169456
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	16.2





#43

Isopropyl Acetate

Concen: 46.260 ug/l

RT: 8.12 min Scan# 1974

Delta R.T. -0.01 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

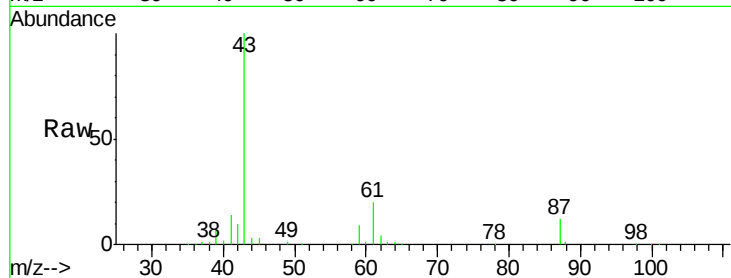
Tot Ion: 43 Resp: 229676

Ion Ratio Lower Upper

43 100

61 20.0 20.8 31.2#

87 12.2 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) (-)

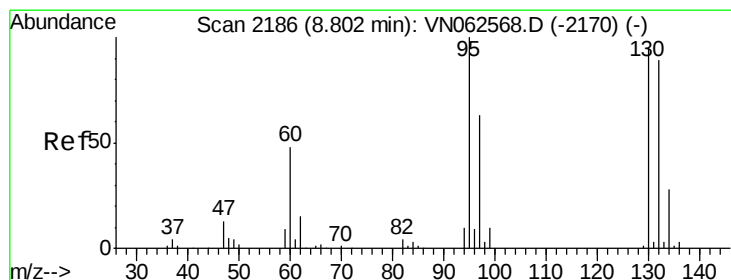
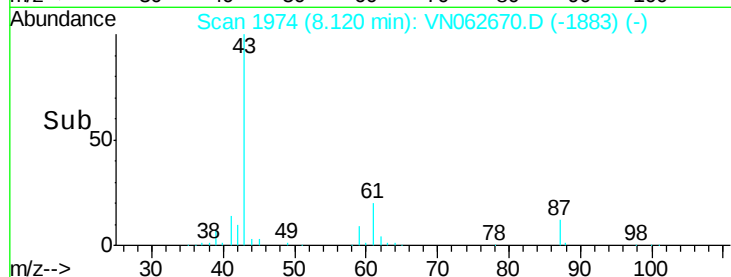
8.12

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 49.596 ug/l

RT: 8.80 min Scan# 2184

Delta R.T. -0.01 min

Lab File: VN062670.D

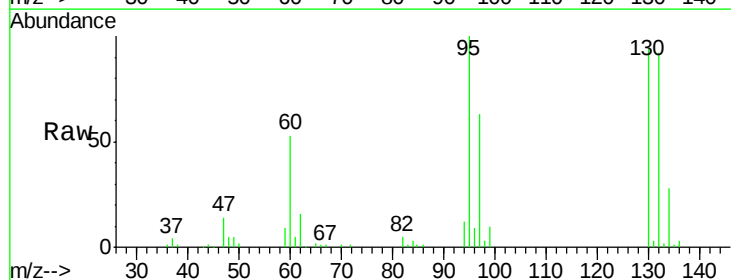
Acq: 30 Jul 2020 15:49

Tgt Ion:130 Resp: 96744

Ion Ratio Lower Upper

130 100

95 106.2 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) (-)

8.80

60000

50000

40000

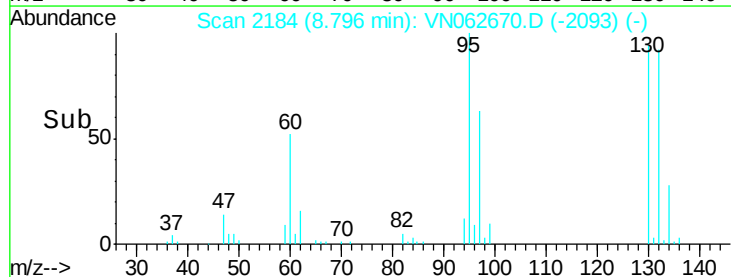
30000

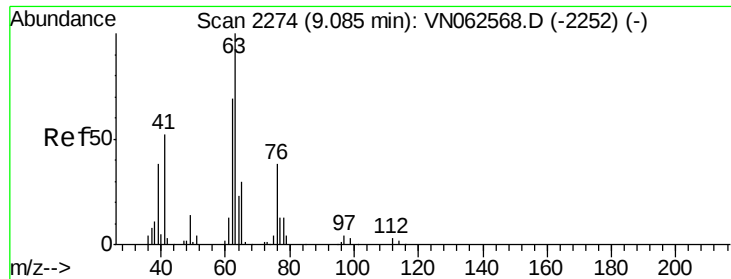
20000

10000

0

Time-->

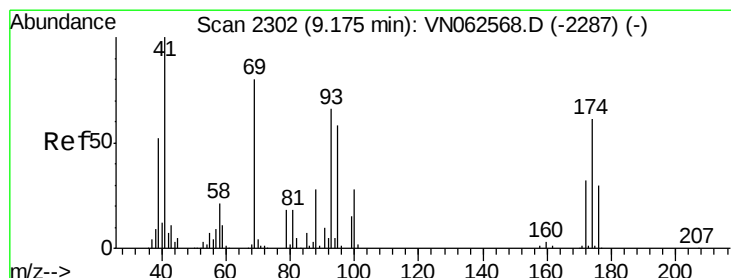
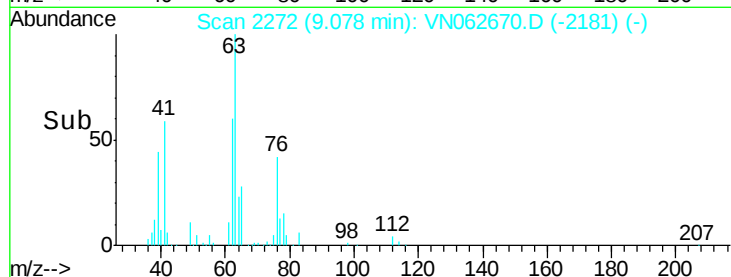
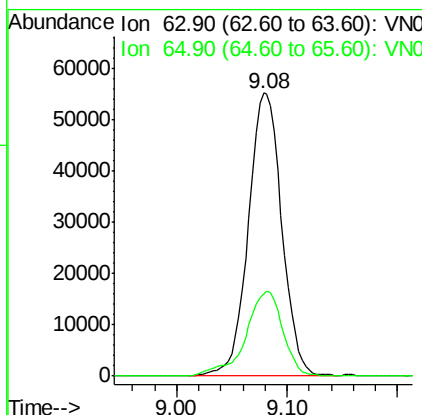
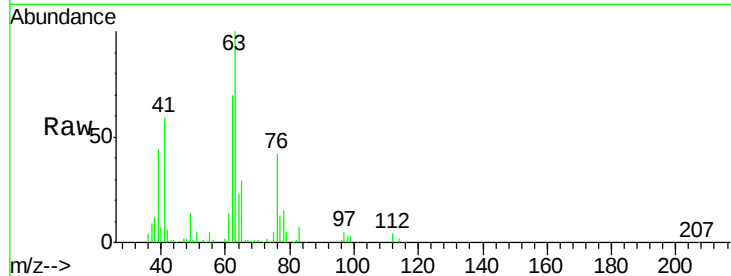




#45
 1,2-Dichloropropane
 Concen: 47.713 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: VN062670.D
 Acq: 30 Jul 2020 15:49

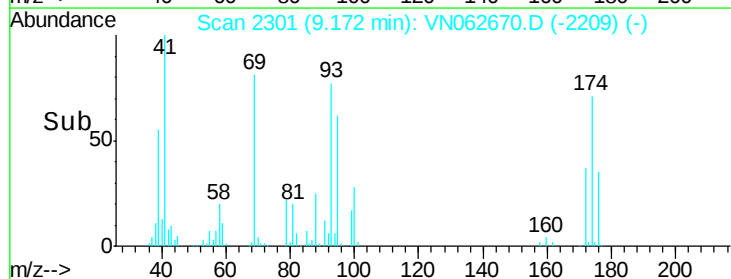
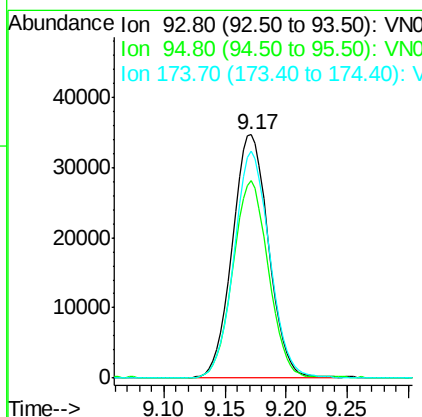
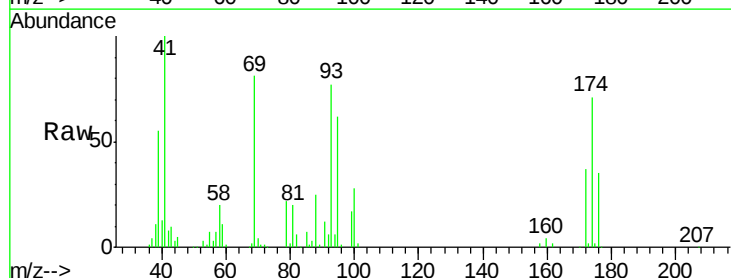
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

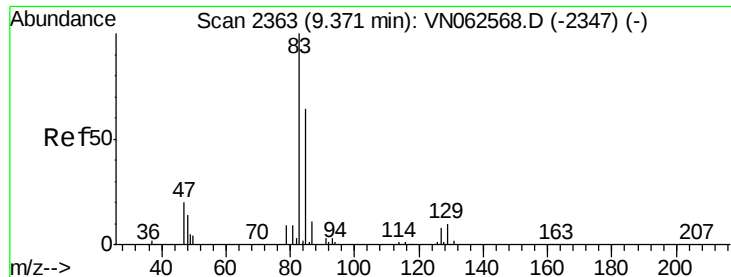
Tot Ion: 63 Resp: 115876
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.4 36.6



#46
 Dibromomethane
 Concen: 50.950 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062670.D
 Acq: 30 Jul 2020 15:49

Tgt Ion: 93 Resp: 71517
 Ion Ratio Lower Upper
 93 100
 95 79.5 67.6 101.4
 174 91.6 72.5 108.7





#47

Bromodichloromethane

Concen: 52.787 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

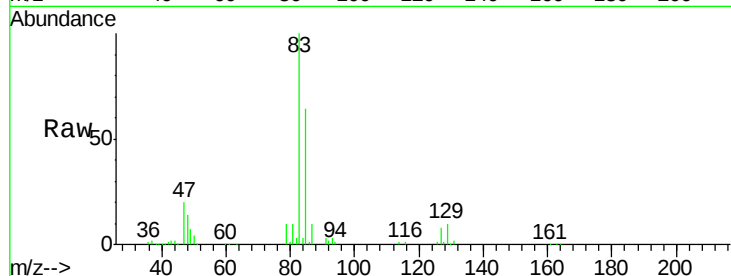
Tot Ion: 83 Resp: 160524

Ion Ratio Lower Upper

83 100

85 64.3 51.6 77.4

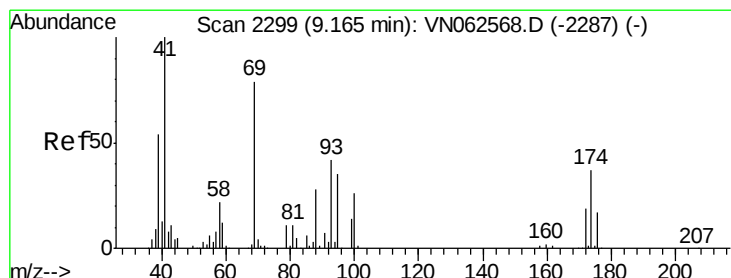
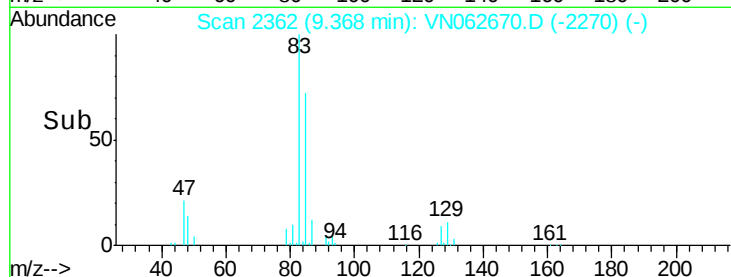
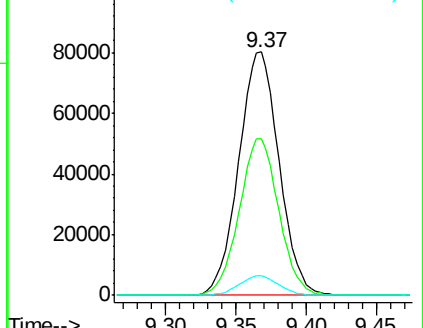
127 8.2 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062670.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062670.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062670.D (-2270) (-)



#48

Methyl methacrylate

Concen: 47.433 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

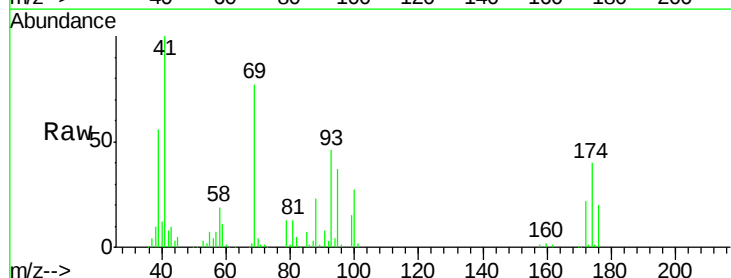
Tgt Ion: 41 Resp: 111947

Ion Ratio Lower Upper

41 100

69 80.5 64.4 96.6

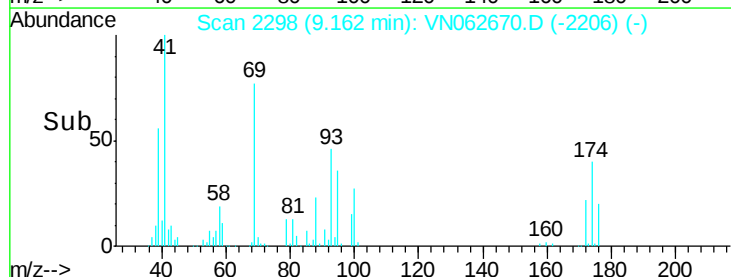
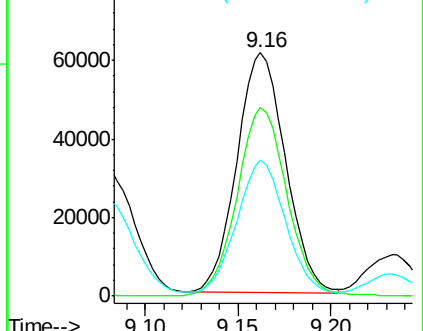
39 57.2 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VN062670.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062670.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062670.D (-2206) (-)

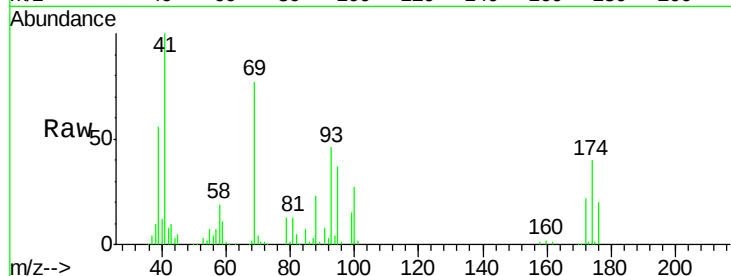




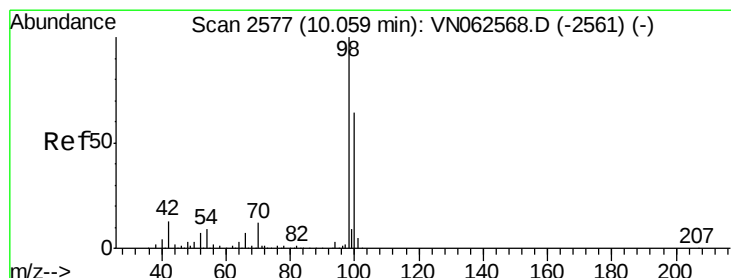
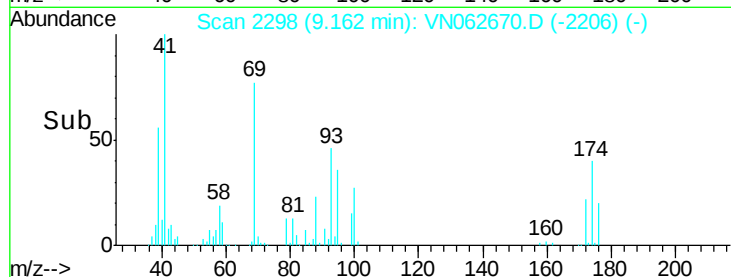
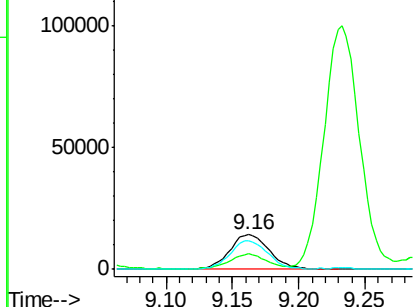
#49
1,4-Dioxane
Concen: 818.480 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 29669
Ion Ratio Lower Upper
88 100
43 38.9 32.0 48.0
58 79.2 62.8 94.2

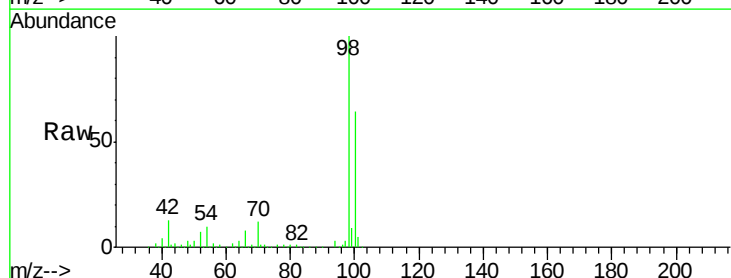


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

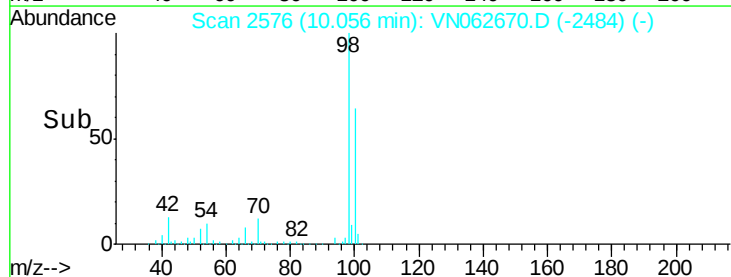
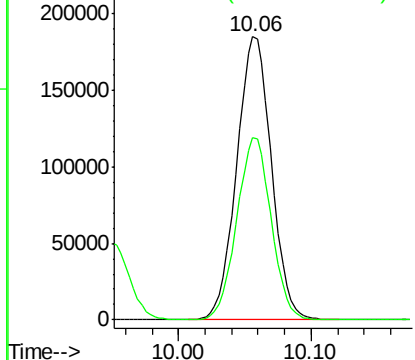


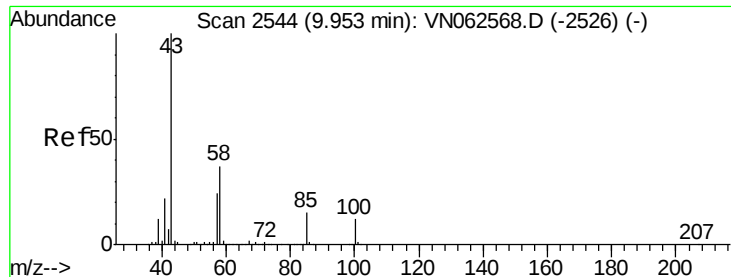
#50
Toluene-d8
Concen: 47.873 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

Tgt Ion: 98 Resp: 336312
Ion Ratio Lower Upper
98 100
100 63.5 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: 230.250 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

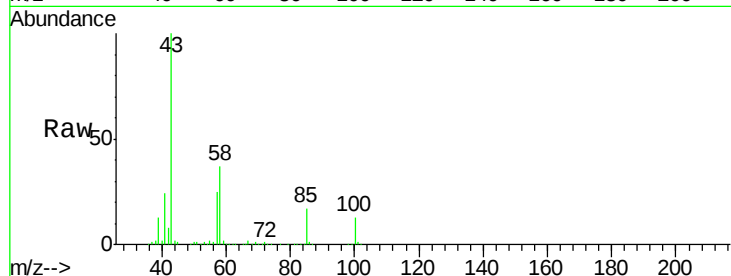
VSTDCCC050EC

Tot Ion: 43 Resp: 683999

Ion Ratio Lower Upper

43 100

58 37.3 29.8 44.6



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

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

9.95

400000

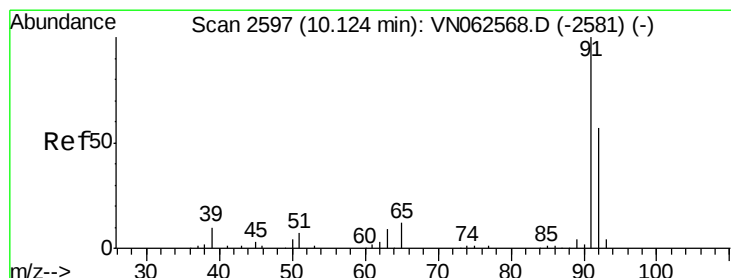
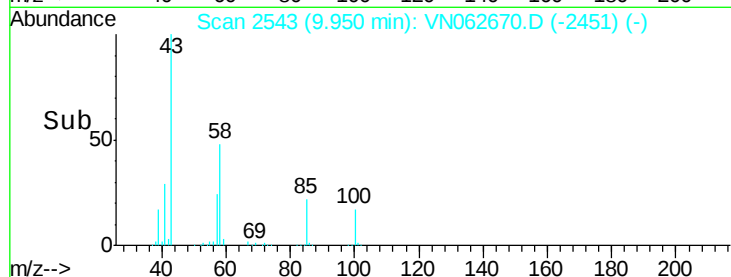
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.779 ug/l

RT: 10.12 min Scan# 2596

Delta R.T. -0.00 min

Lab File: VN062670.D

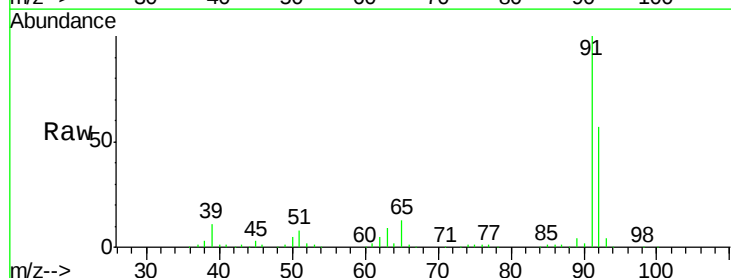
Acq: 30 Jul 2020 15:49

Tgt Ion: 92 Resp: 255047

Ion Ratio Lower Upper

92 100

91 175.0 139.4 209.2



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

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

10.12

250000

200000

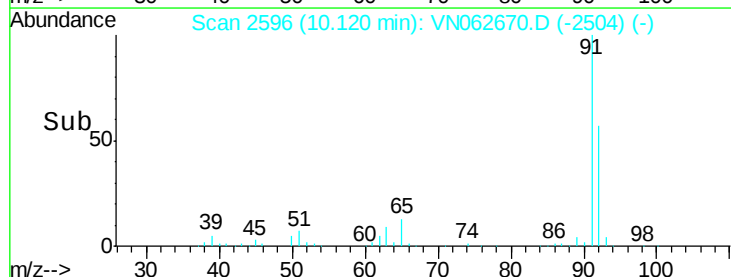
150000

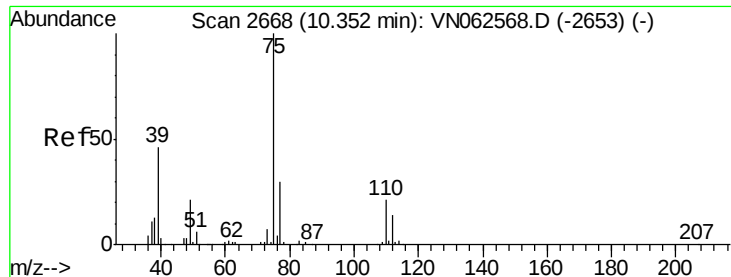
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.189 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

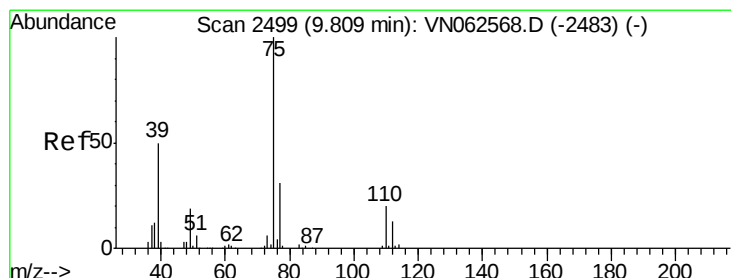
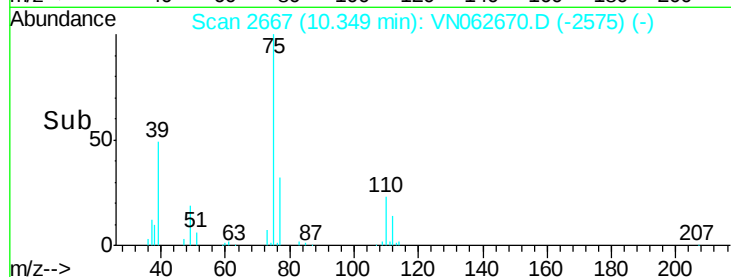
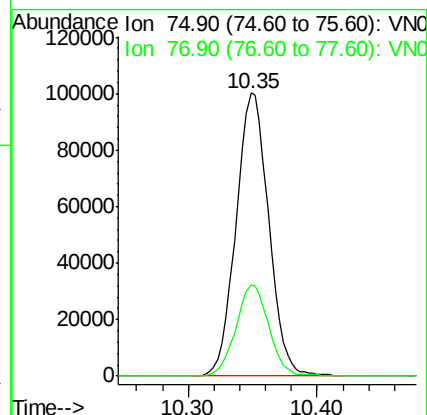
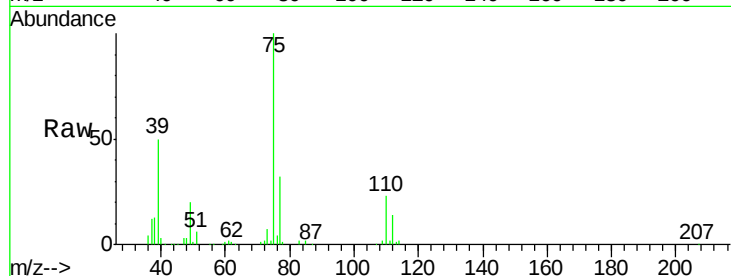
VSTDCCC050EC

Tot Ion: 75 Resp: 176675

Ion Ratio Lower Upper

75 100

77 32.1 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 51.445 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

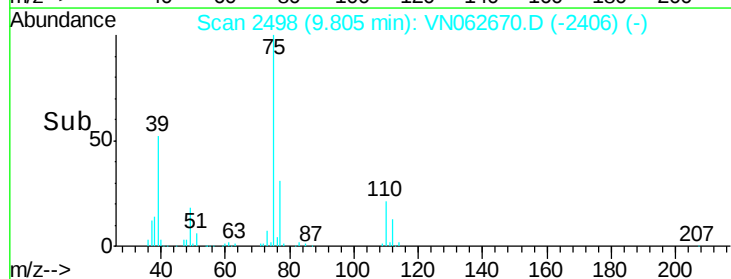
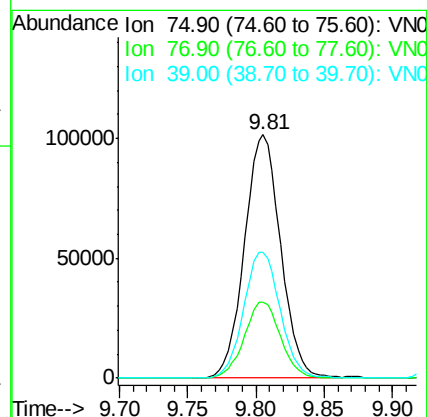
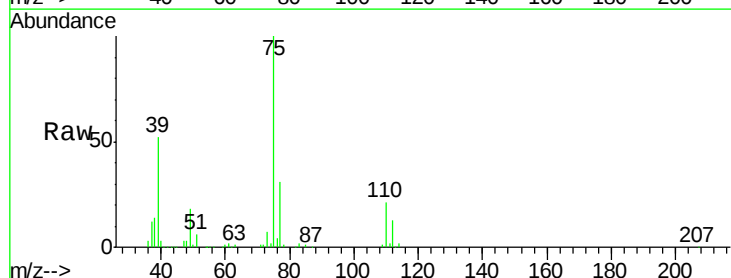
Tgt Ion: 75 Resp: 186876

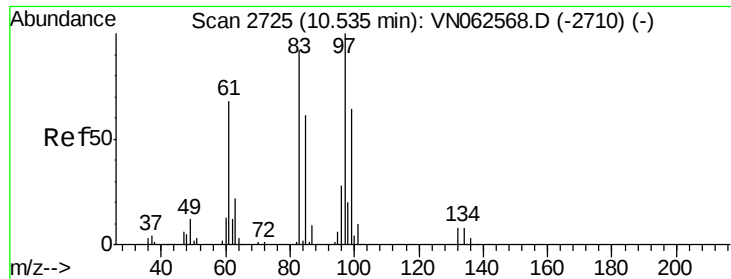
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6

39 51.9 39.8 59.8





#55

1,1,2-Trichloroethane

Concen: 50.583 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 98547

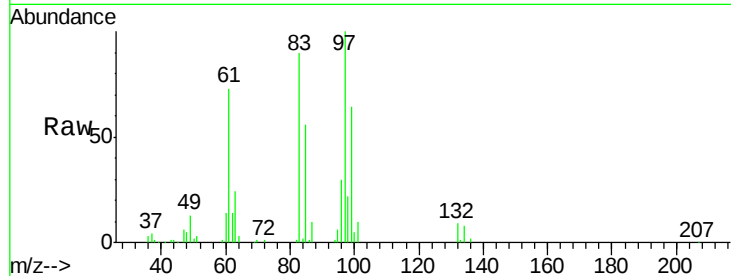
Ion Ratio Lower Upper

97 100

83 89.5 73.7 110.5

85 55.9 48.5 72.7

99 64.1 50.8 76.2



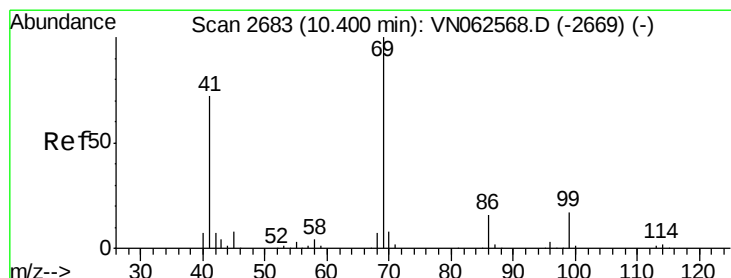
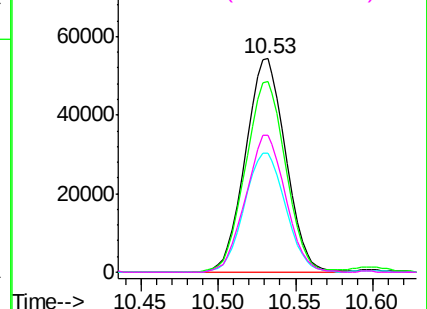
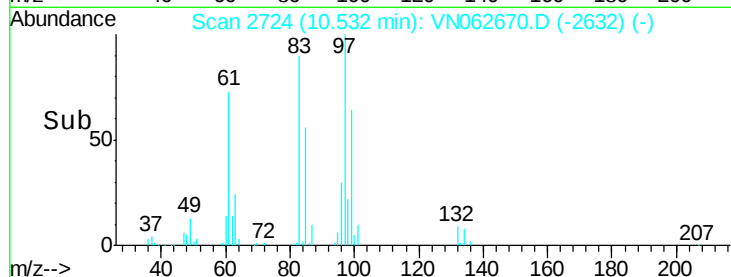
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 46.428 ug/l

RT: 10.40 min Scan# 2682

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

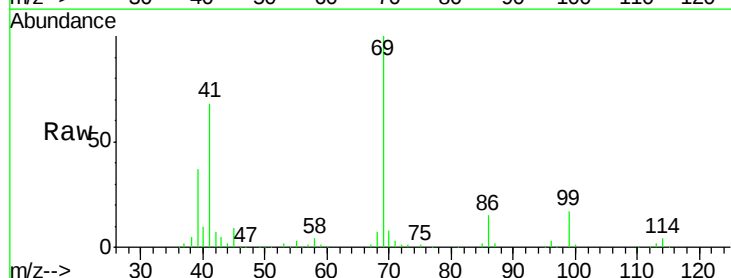
Tgt Ion: 69 Resp: 161960

Ion Ratio Lower Upper

69 100

41 68.1 57.2 85.8

39 37.7 28.6 43.0

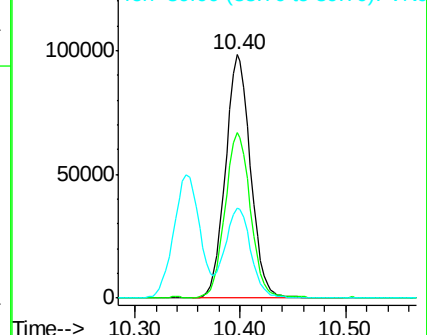
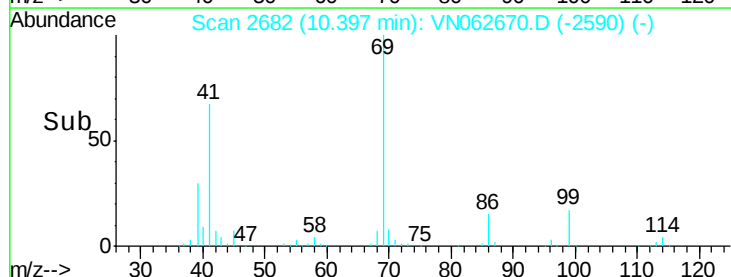


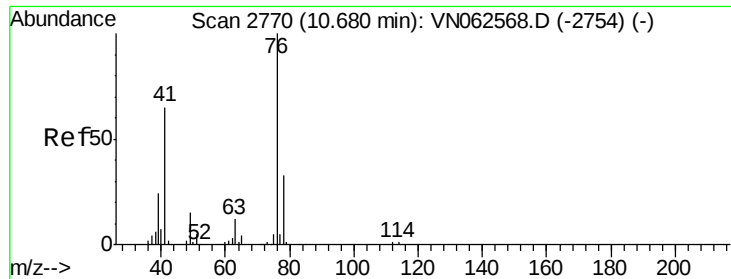
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

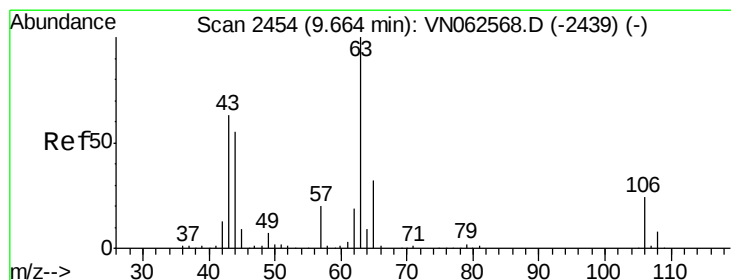
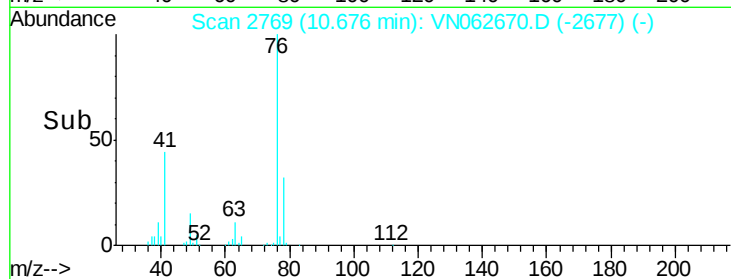
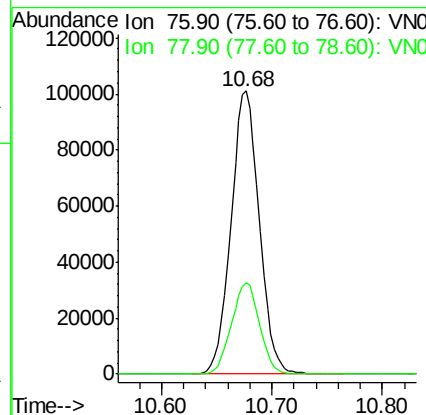
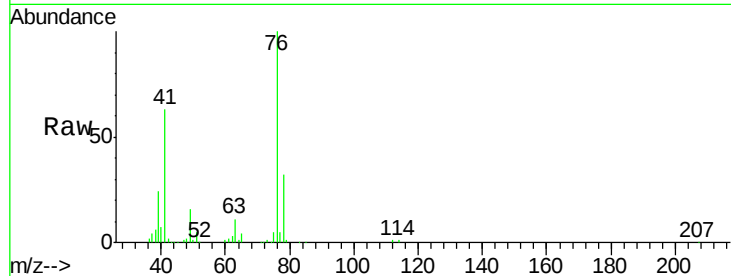




#57
 1,3-Dichloropropane
 Concen: 50.278 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062670.D
 Acq: 30 Jul 2020 15:49

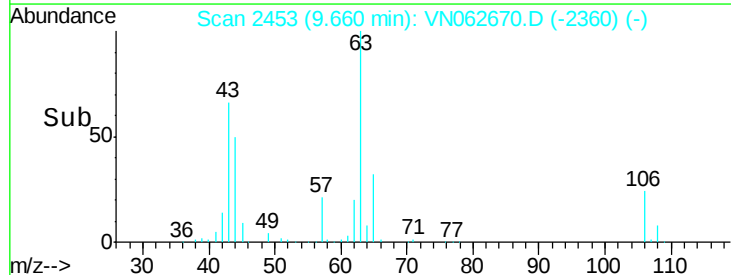
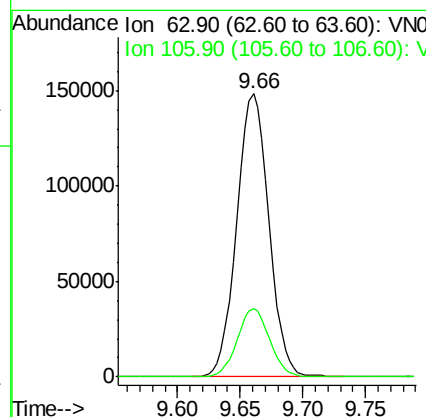
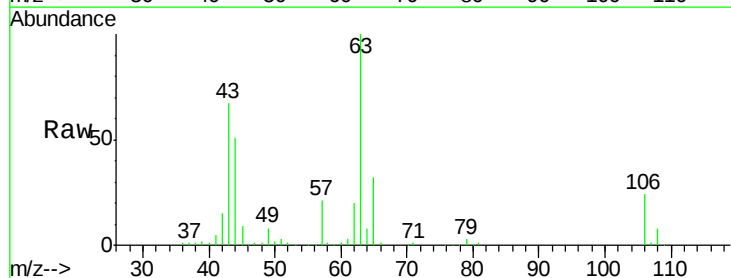
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

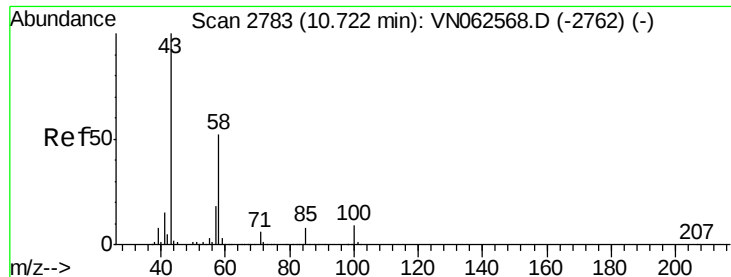
Tot Ion: 76 Resp: 179453
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.488 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062670.D
 Acq: 30 Jul 2020 15:49

Tgt Ion: 63 Resp: 264117
 Ion Ratio Lower Upper
 63 100
 106 24.2 18.9 28.3

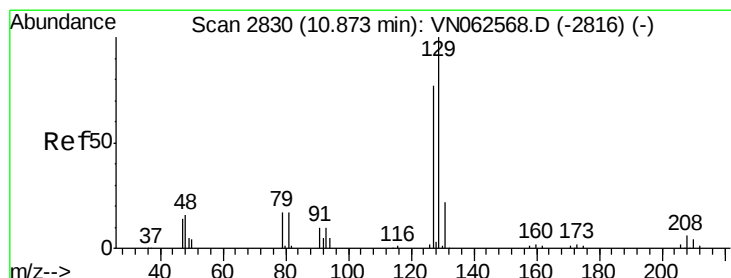
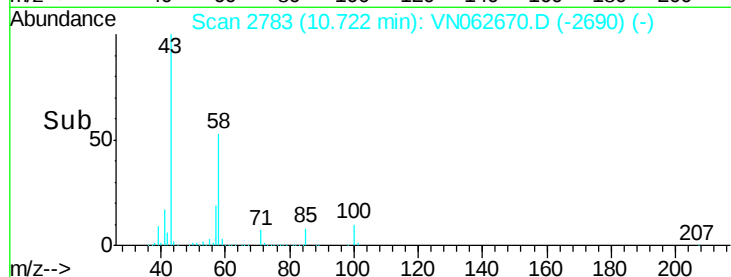
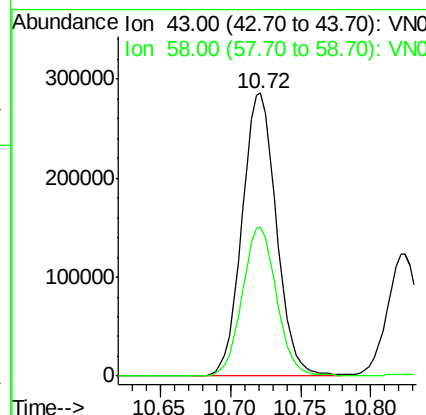
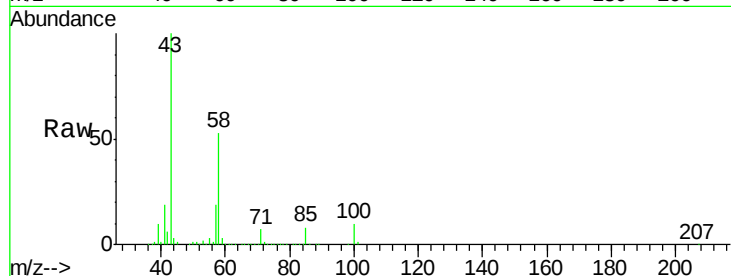




#59
2-Hexanone
Concen: 212.593 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

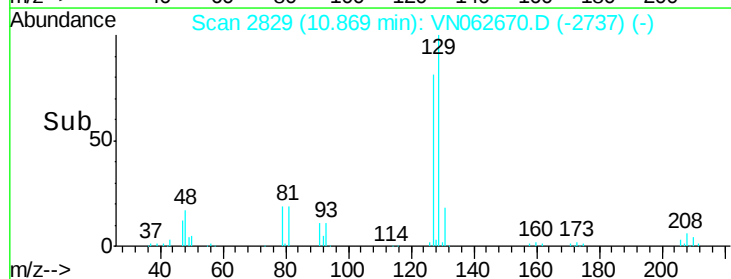
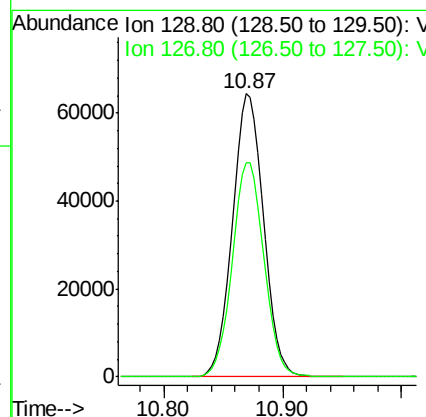
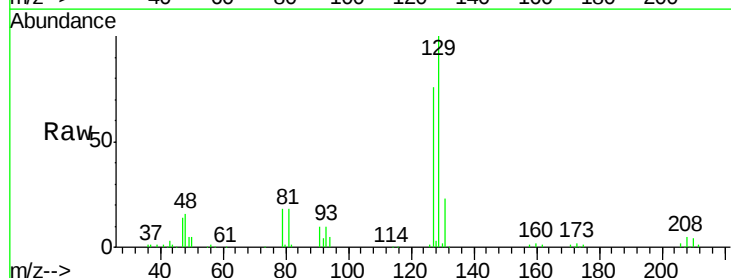
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

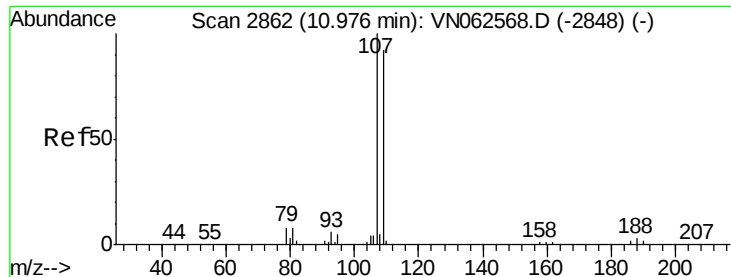
Tot Ion: 43 Resp: 487390
Ion Ratio Lower Upper
43 100
58 52.8 26.0 78.0



#60
Dibromochloromethane
Concen: 53.731 ug/l
RT: 10.87 min Scan# 2829
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

Tgt Ion: 129 Resp: 116781
Ion Ratio Lower Upper
129 100
127 77.0 38.0 113.9





#61

1,2-Dibromoethane

Concen: 49.853 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

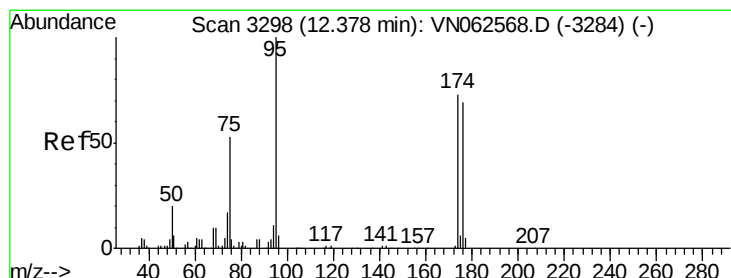
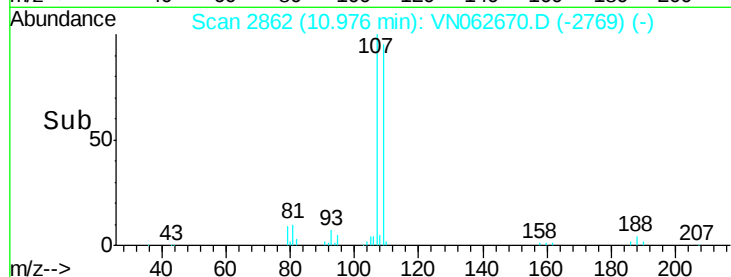
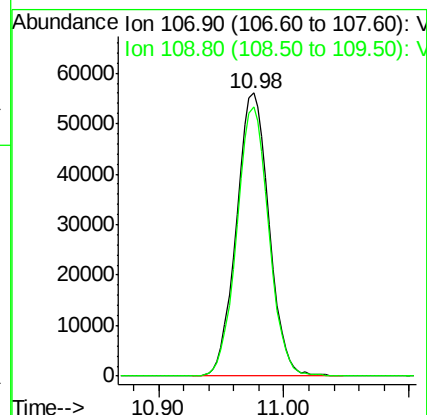
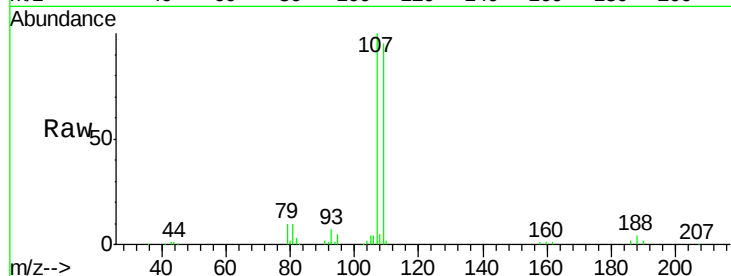
VSTDCCC050EC

Tot Ion:107 Resp: 101137

Ion Ratio Lower Upper

107 100

109 93.6 73.8 110.6



#62

4-Bromofluorobenzene

Concen: 50.417 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

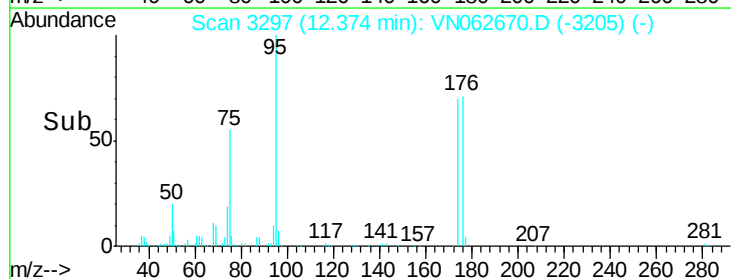
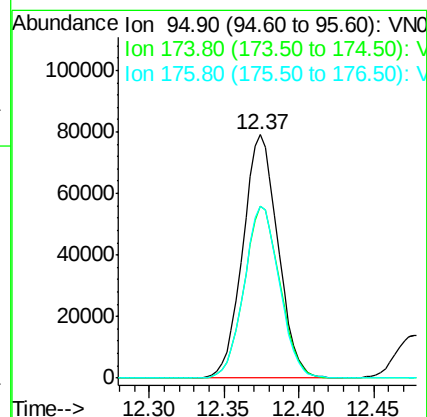
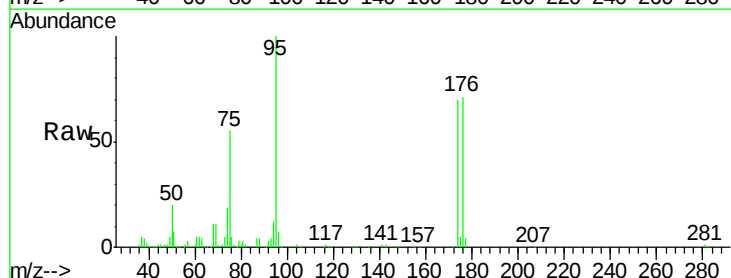
Tgt Ion: 95 Resp: 129505

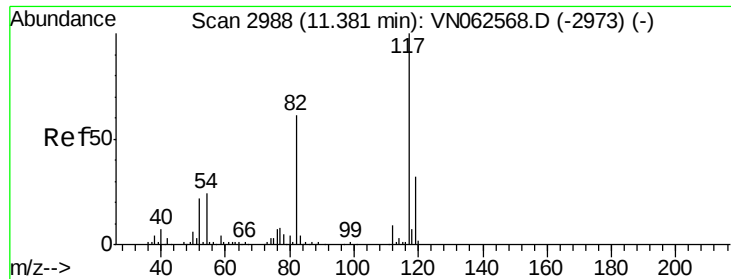
Ion Ratio Lower Upper

95 100

174 71.5 0.0 144.6

176 70.9 0.0 139.4

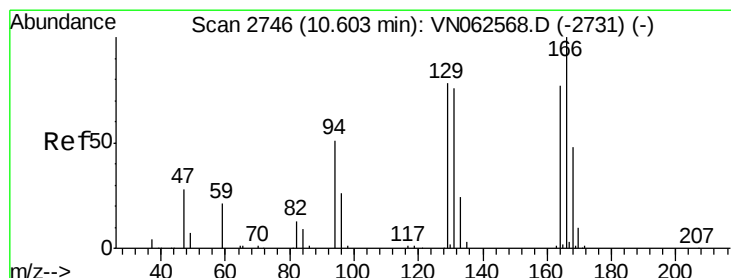
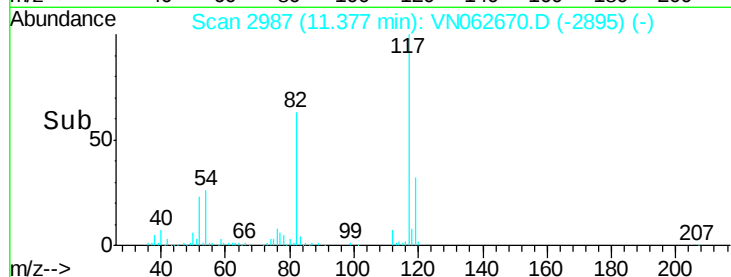
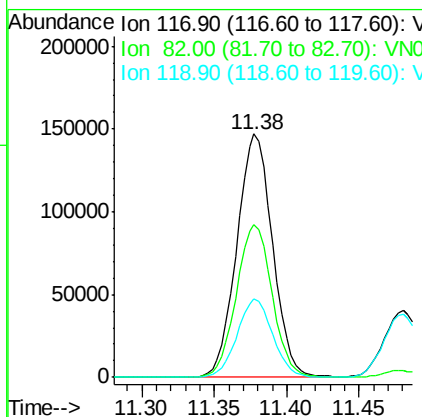
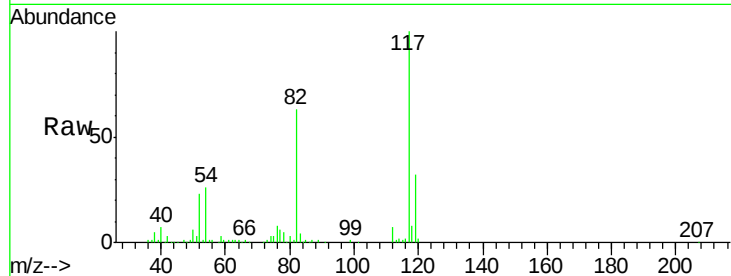




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

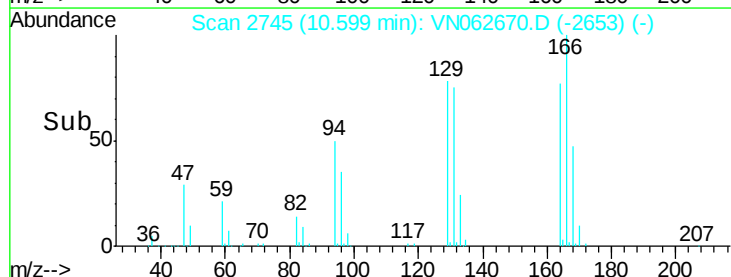
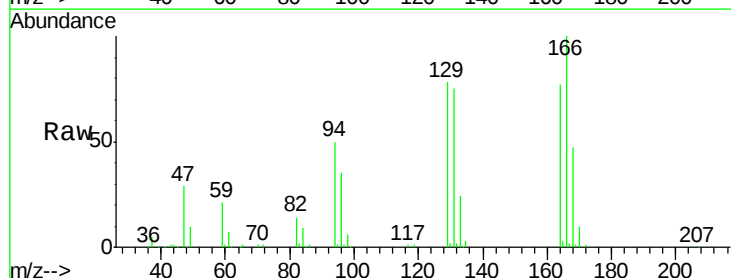
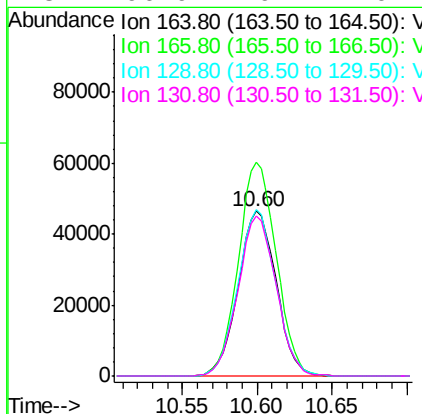
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

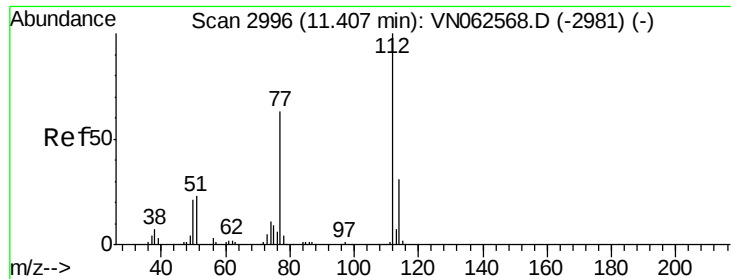
Tot Ion:117 Resp: 252173
Ion Ratio Lower Upper
117 100
82 62.9 49.0 73.6
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 50.232 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

Tgt Ion:164 Resp: 82302
Ion Ratio Lower Upper
164 100
166 129.6 104.4 156.6
129 100.9 81.0 121.4
131 96.9 79.4 119.2





#65

Chlorobenzene

Concen: 49.855 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

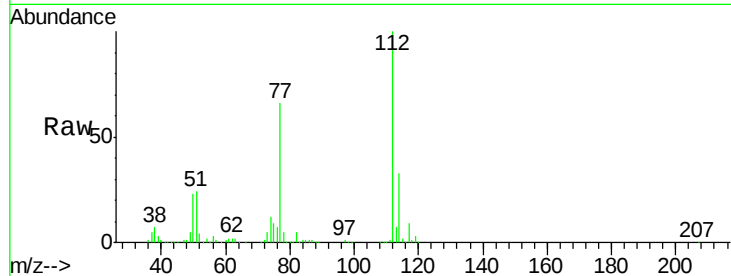
VSTDCCC050EC

Tot Ion:112 Resp: 263566

Ion Ratio Lower Upper

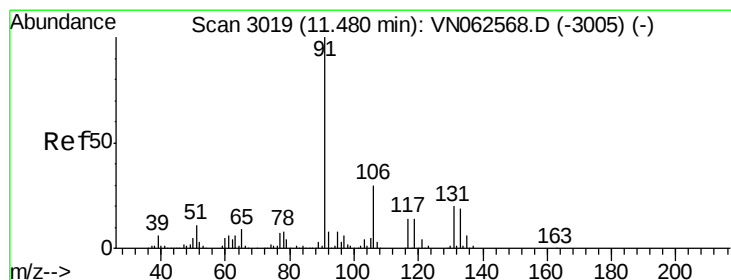
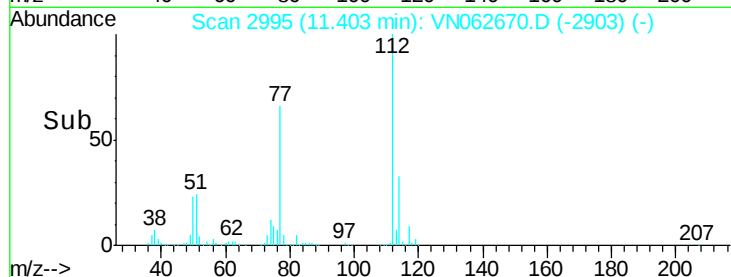
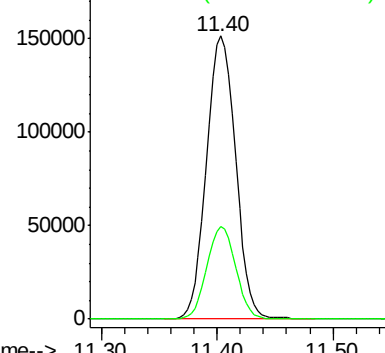
112 100

114 32.7 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.834 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

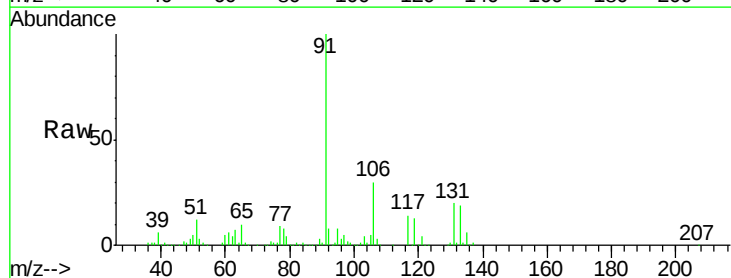
Tgt Ion:131 Resp: 105077

Ion Ratio Lower Upper

131 100

133 93.5 47.3 142.0

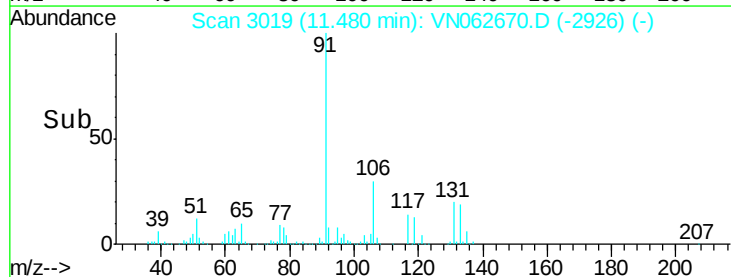
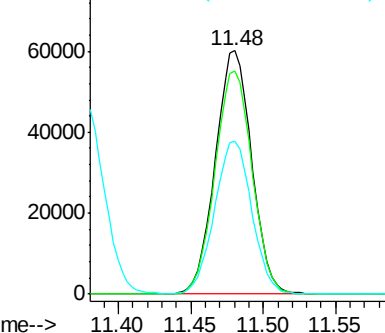
119 64.3 33.7 101.0

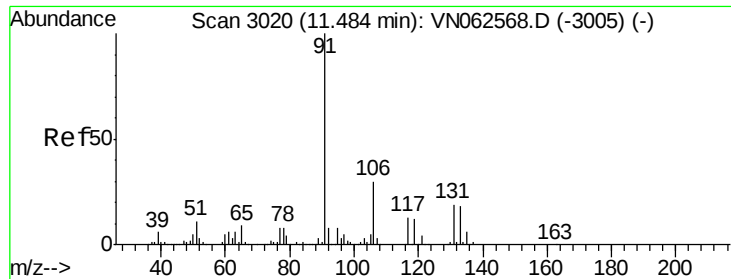


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.979 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

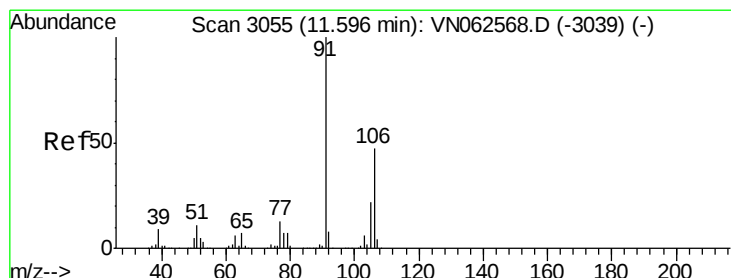
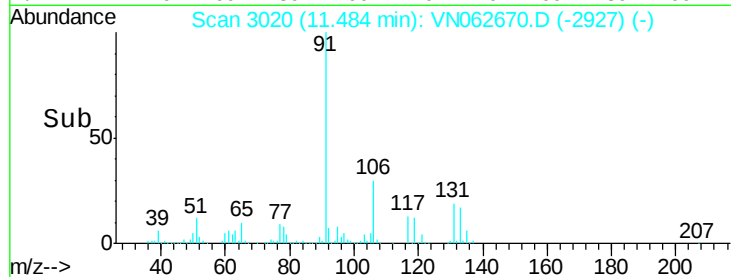
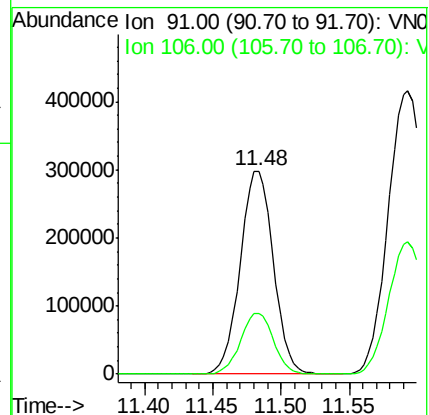
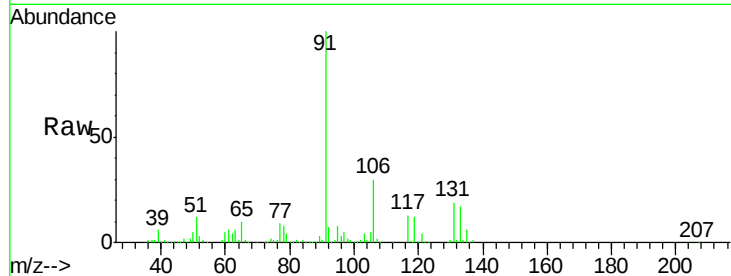
VSTDCCC050EC

Tot Ion: 91 Resp: 503840

Ion Ratio Lower Upper

91 100

106 30.1 23.8 35.8



#68

m/p-Xylenes

Concen: 106.145 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN062670.D

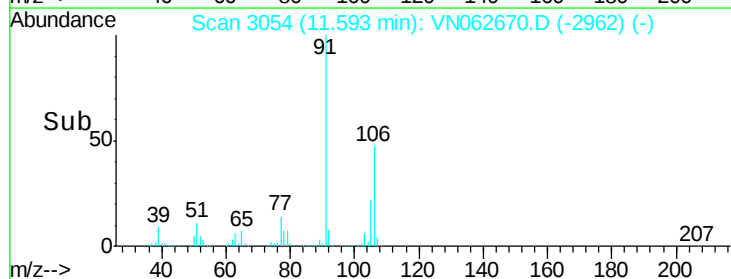
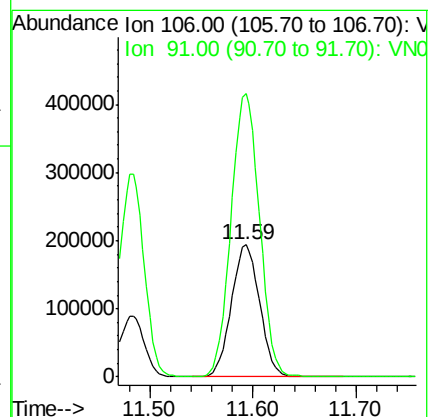
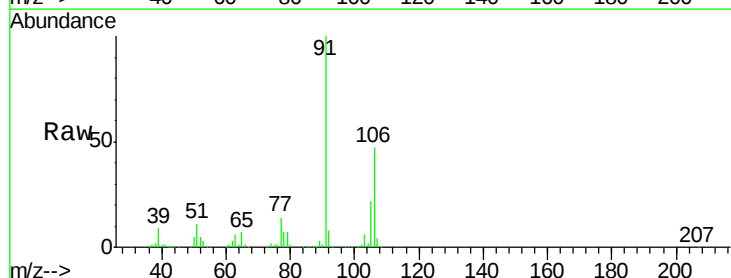
Acq: 30 Jul 2020 15:49

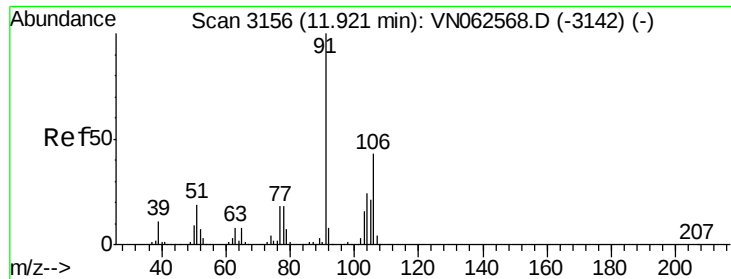
Tgt Ion: 106 Resp: 369808

Ion Ratio Lower Upper

106 100

91 216.2 171.4 257.2

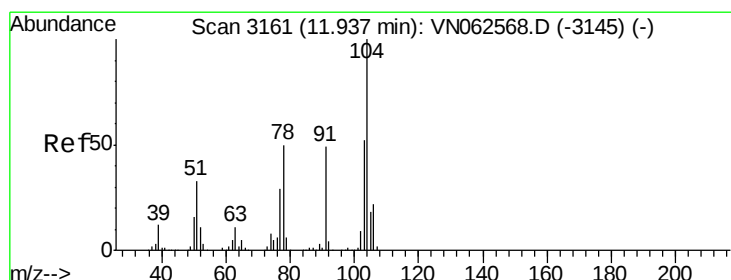
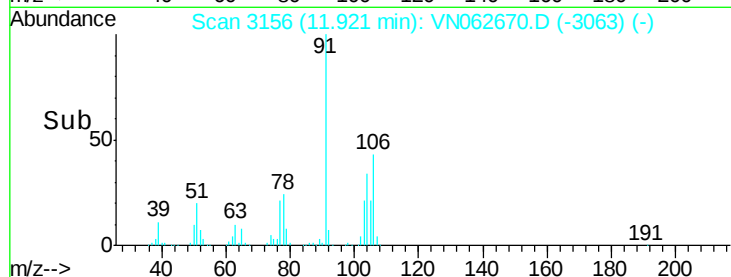
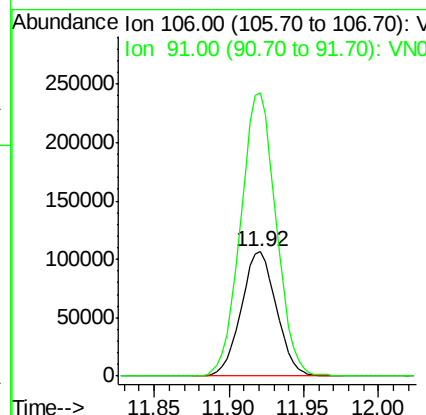
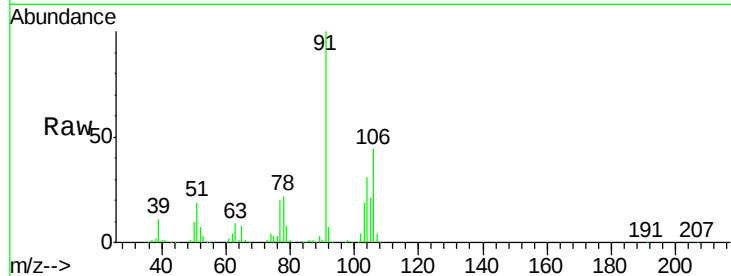




#69
o-Xylene
Concen: 53.035 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

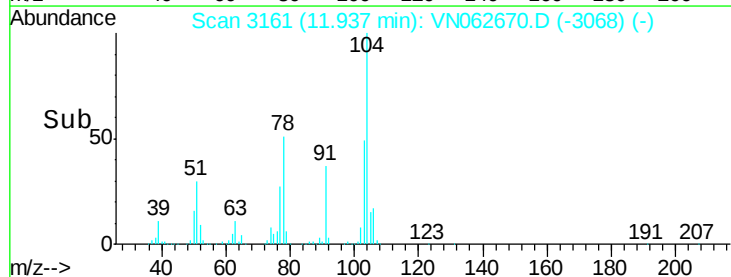
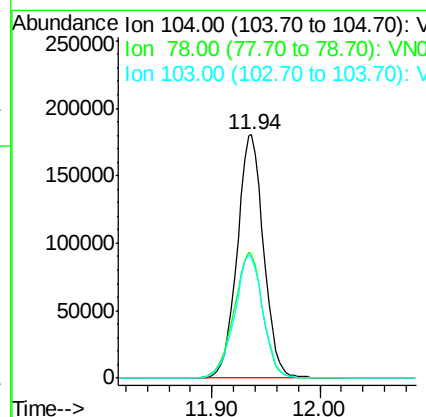
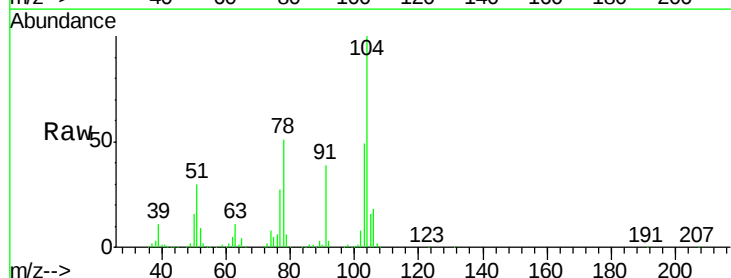
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

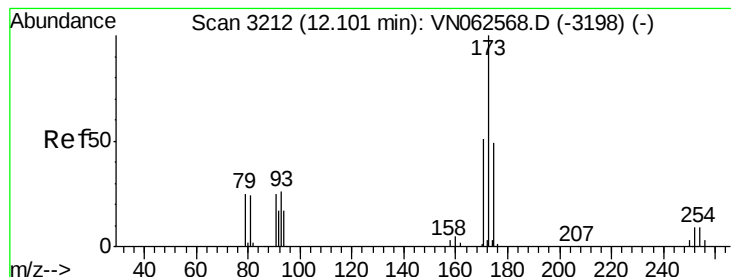
Tot Ion:106 Resp: 175461
Ion Ratio Lower Upper
106 100
91 228.7 113.8 341.2



#70
Styrene
Concen: 55.177 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

Tgt Ion:104 Resp: 308369
Ion Ratio Lower Upper
104 100
78 56.4 43.8 65.6
103 54.4 44.0 66.0





#71

Bromoform

Concen: 52.672 ug/l

RT: 12.10 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

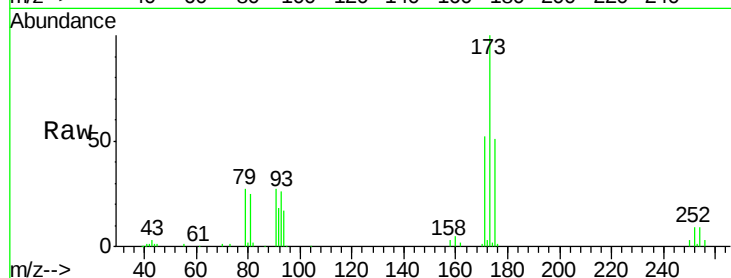
Tot Ion:173 Resp: 78654

Ion Ratio Lower Upper

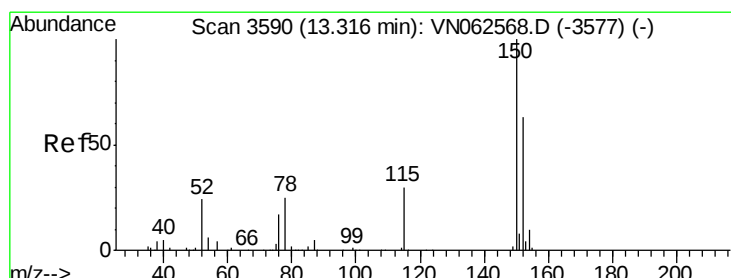
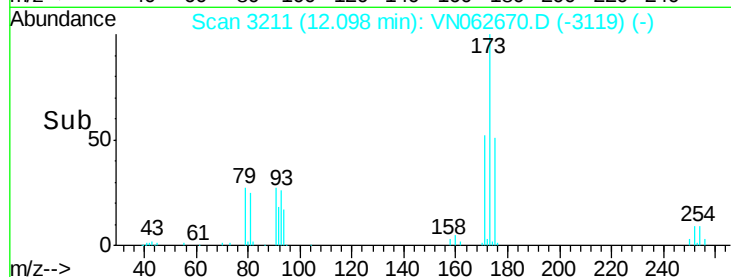
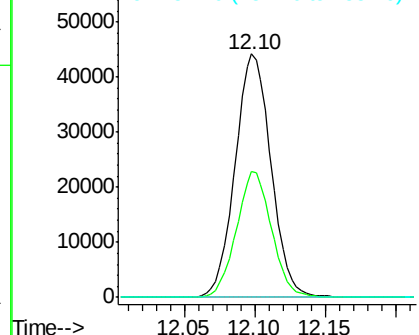
173 100

175 50.5 24.1 72.2

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

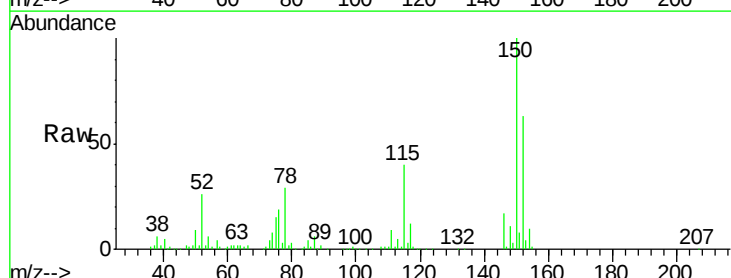
Tgt Ion:152 Resp: 127225

Ion Ratio Lower Upper

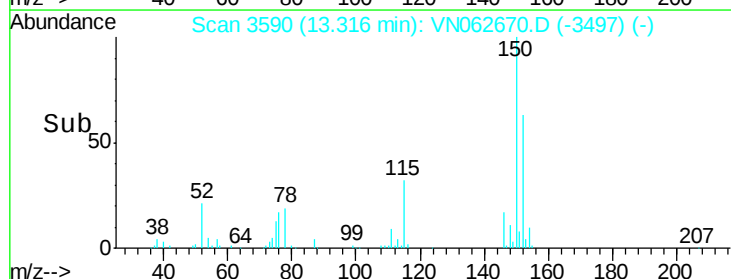
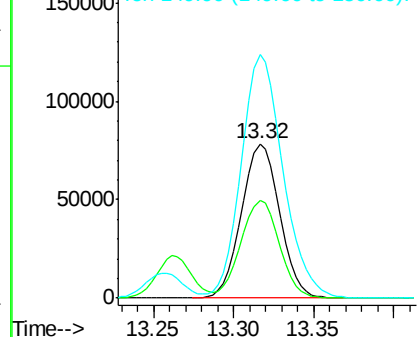
152 100

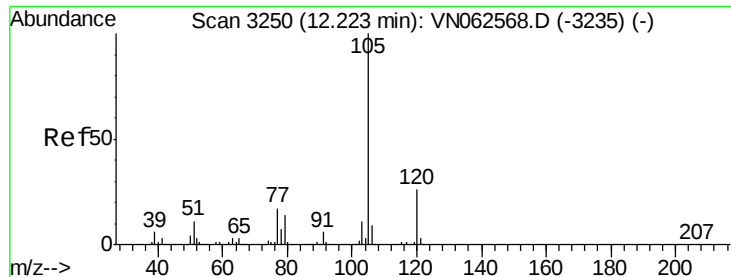
115 63.5 31.8 95.4

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

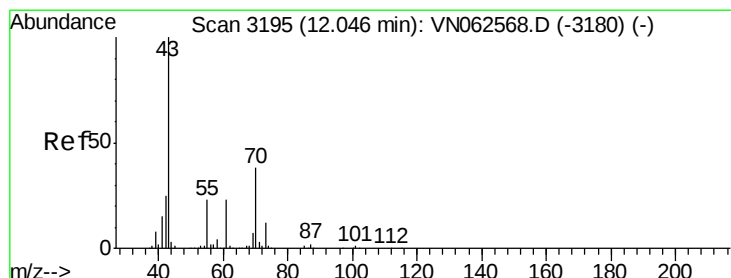
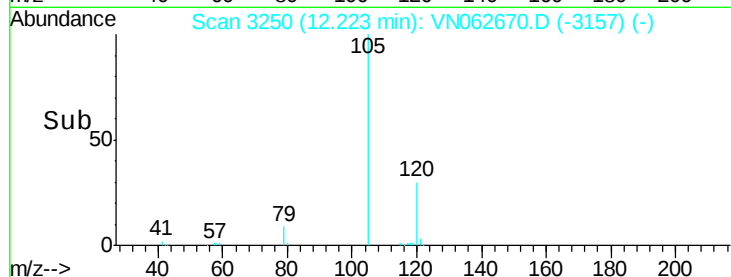
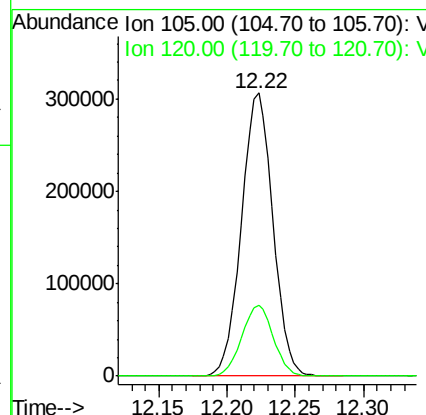
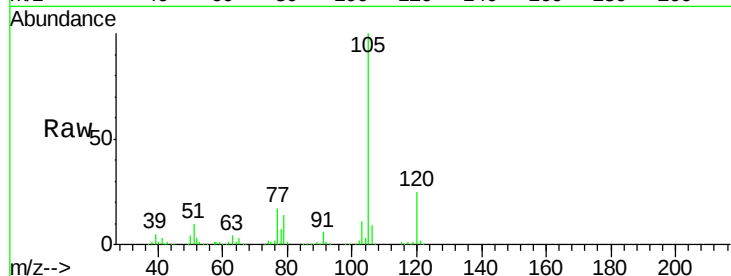




#73
Isopropylbenzene
Concen: 48.845 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

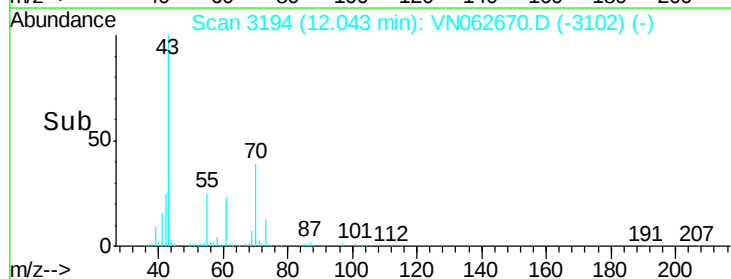
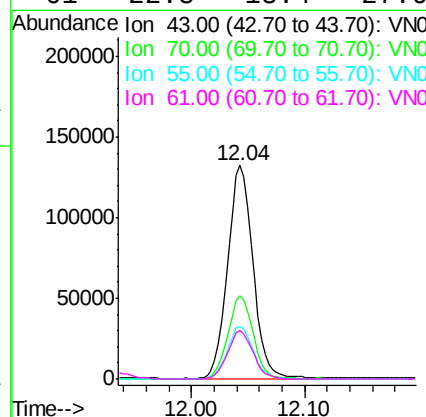
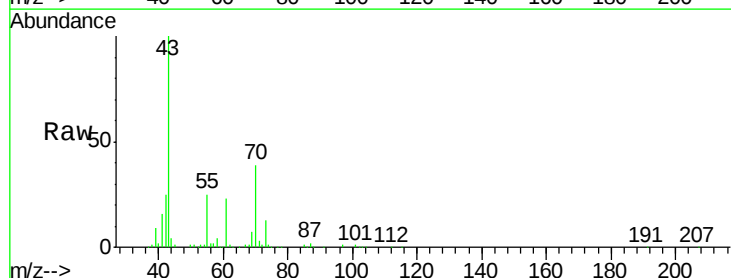
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 491370
Ion Ratio Lower Upper
105 100
120 25.0 12.8 38.4



#74
N-ethyl acetate
Concen: 45.790 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

Tgt Ion: 43 Resp: 205714
Ion Ratio Lower Upper
43 100
70 38.9 30.5 45.7
55 25.4 19.0 28.6
61 22.8 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 41.485 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

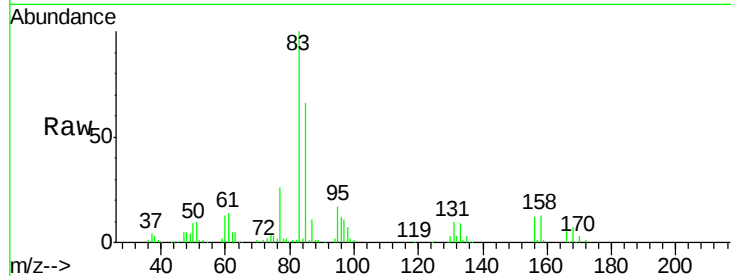
Tot Ion: 83 Resp: 145023

Ion Ratio Lower Upper

83 100

131 10.3 4.8 14.3

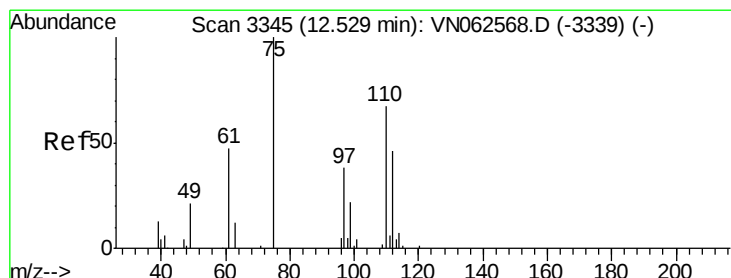
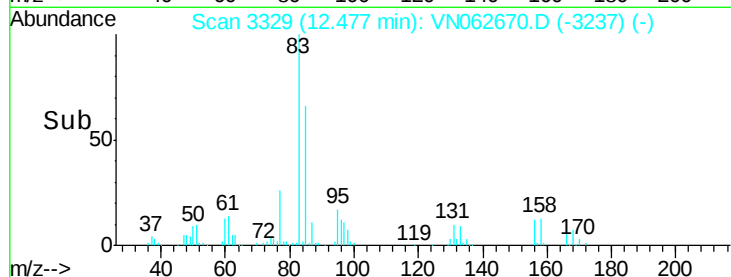
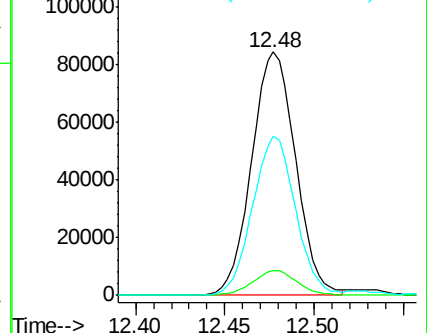
85 63.8 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN062670.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062670.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062670.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 60.890 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN062670.D

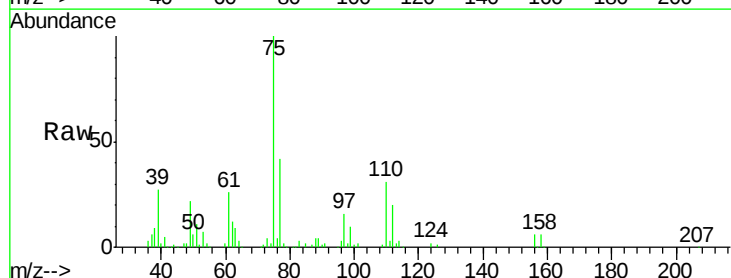
Acq: 30 Jul 2020 15:49

Tgt Ion: 75 Resp: 197182

Ion Ratio Lower Upper

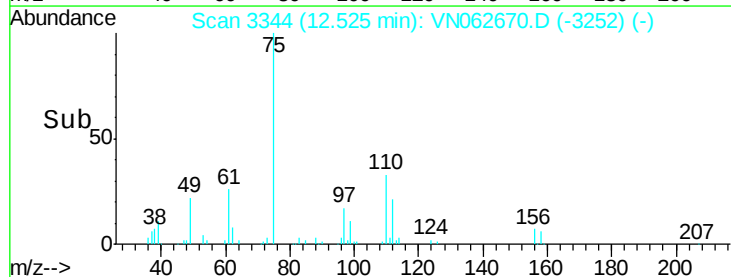
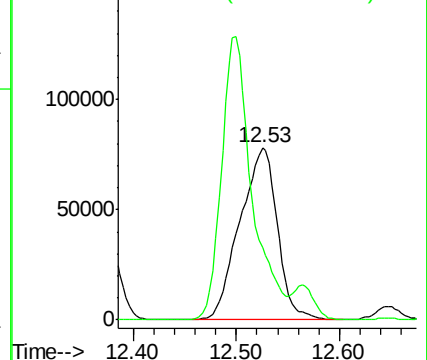
75 100

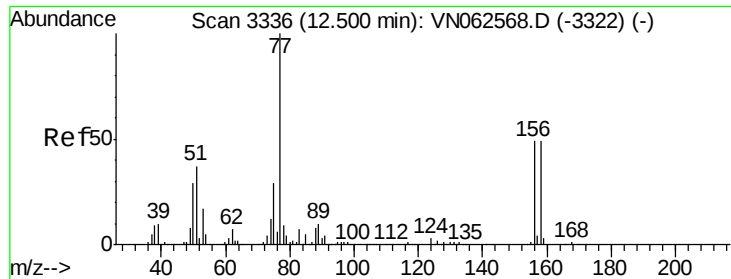
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062670.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062670.D (-3252) (-)





#77

Bromobenzene

Concen: 46.897 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

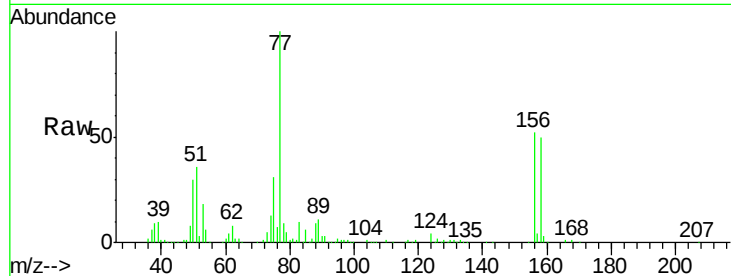
Tot Ion:156 Resp: 113375

Ion Ratio Lower Upper

156 100

77 233.5 122.8 368.3

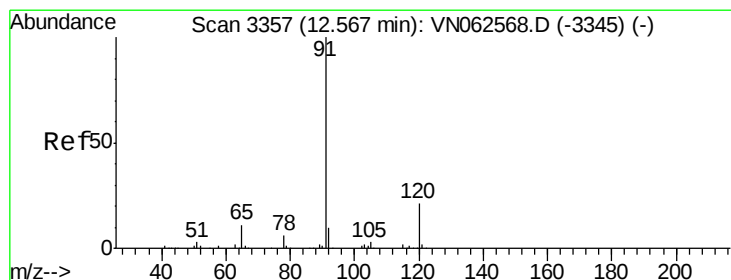
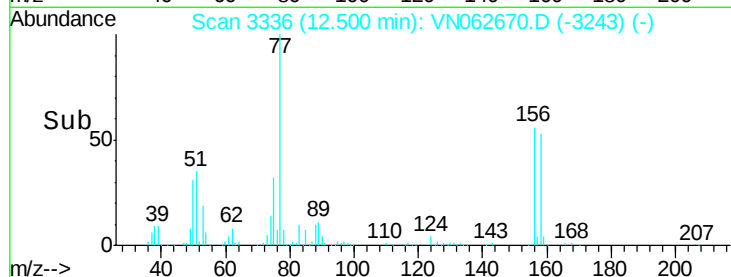
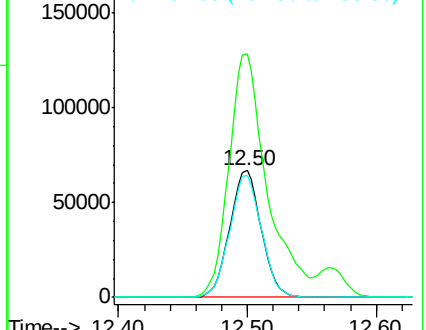
158 97.1 49.4 148.0



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: 49.883 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062670.D

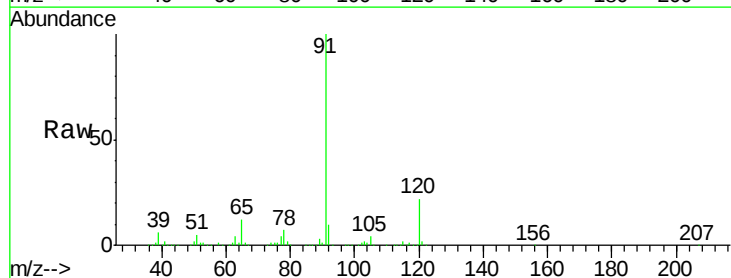
Acq: 30 Jul 2020 15:49

Tgt Ion: 91 Resp: 587807

Ion Ratio Lower Upper

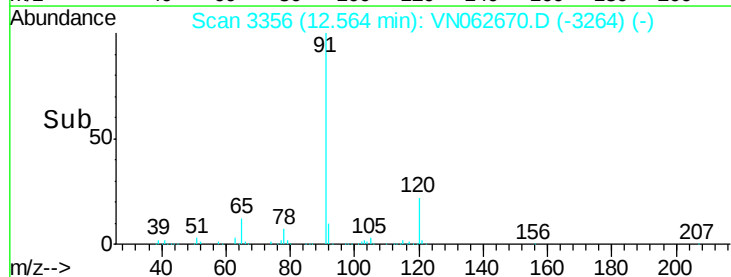
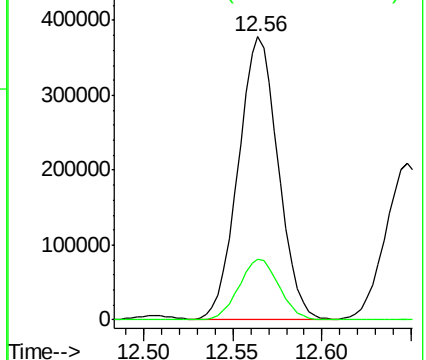
91 100

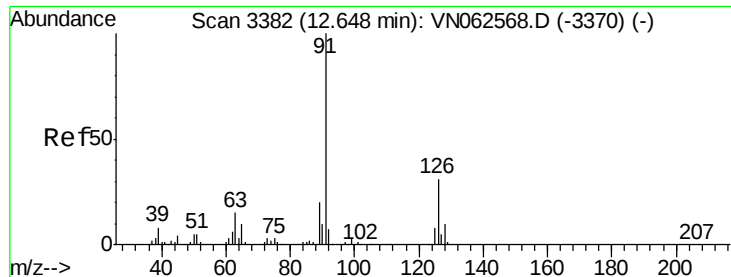
120 21.7 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.524 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

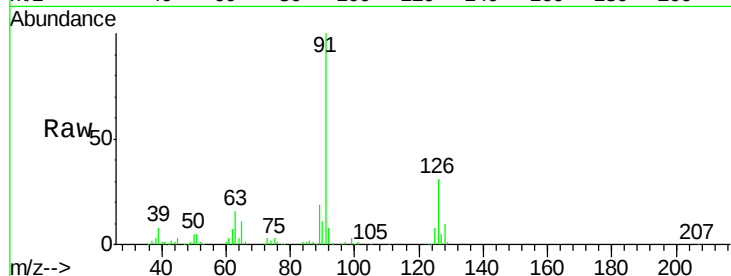
VSTDCCC050EC

Tot Ion: 91 Resp: 345122

Ion Ratio Lower Upper

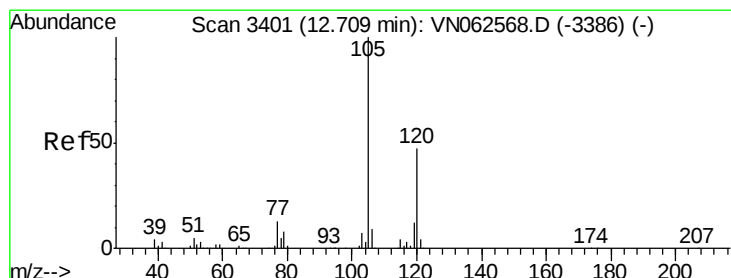
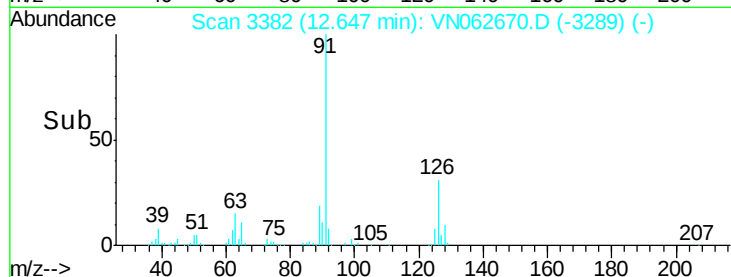
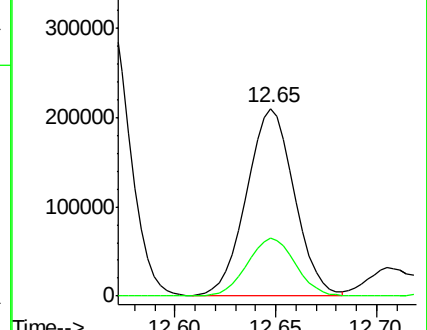
91 100

126 31.4 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN062568.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062568.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.814 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062670.D

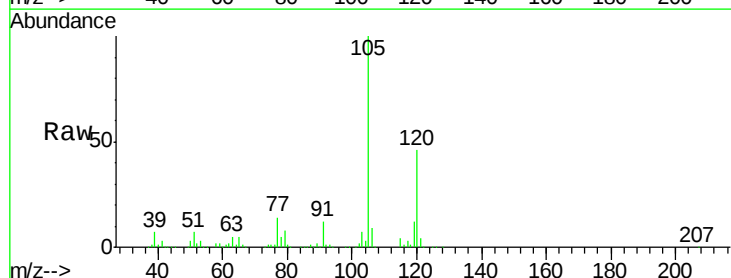
Acq: 30 Jul 2020 15:49

Tgt Ion: 105 Resp: 432365

Ion Ratio Lower Upper

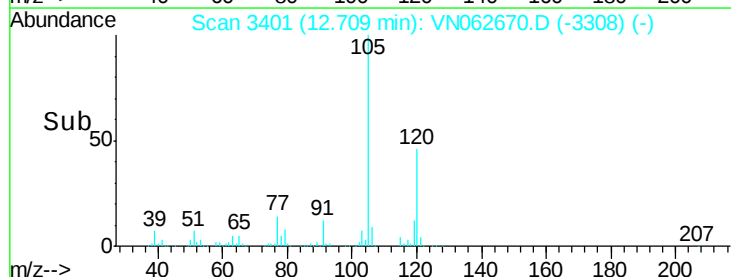
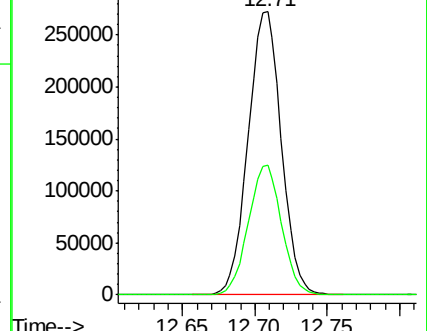
105 100

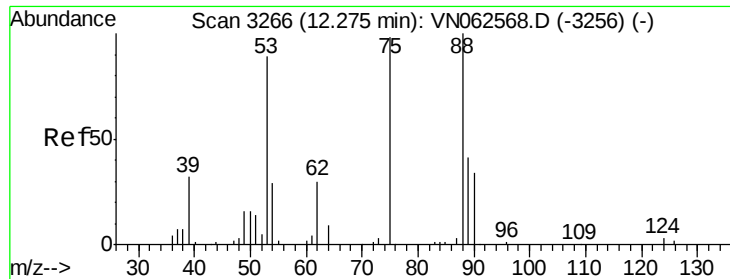
120 46.1 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062568.D (-3386) (-)

Ion 120.00 (119.70 to 120.70): VN062568.D (-3386) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.649 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

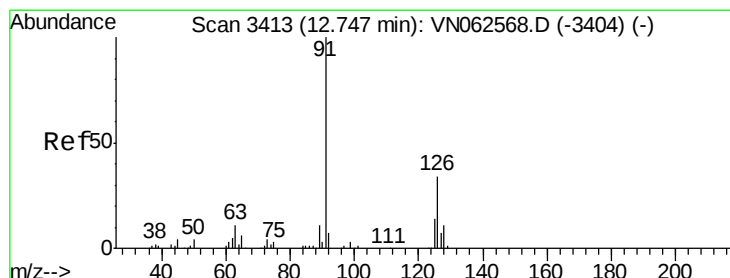
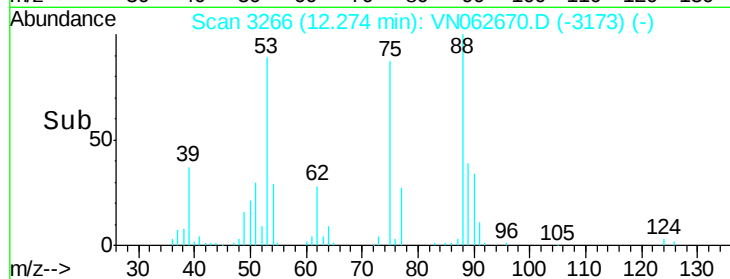
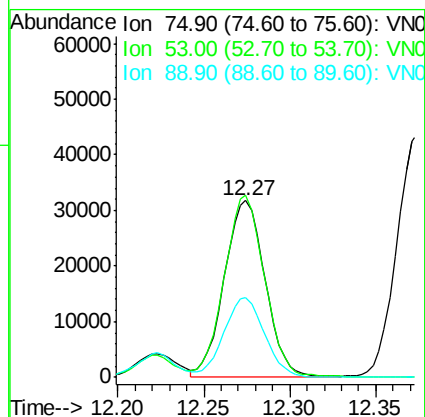
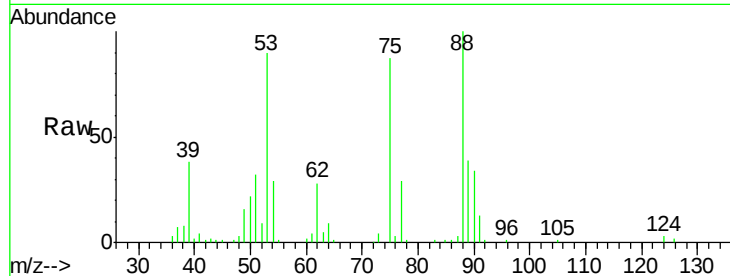
Tot Ion: 75 Resp: 53103

Ion Ratio Lower Upper

75 100

53 101.2 75.4 113.0

89 44.9 34.5 51.7



#82

4-Chlorotoluene

Concen: 48.157 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062670.D

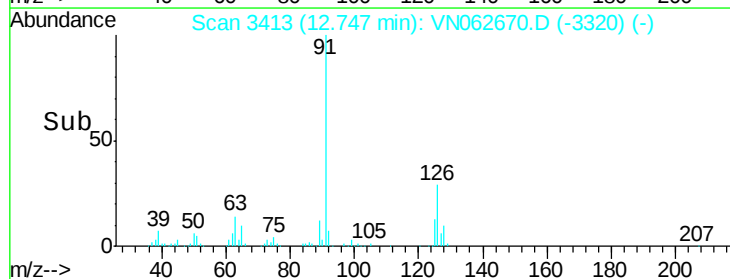
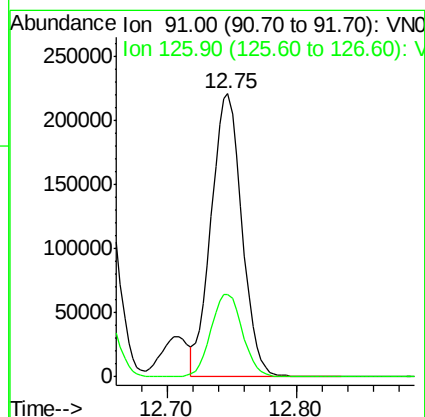
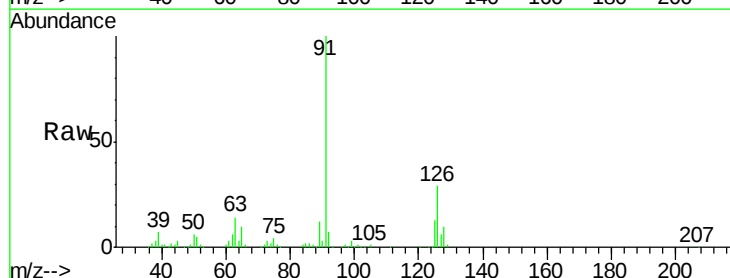
Acq: 30 Jul 2020 15:49

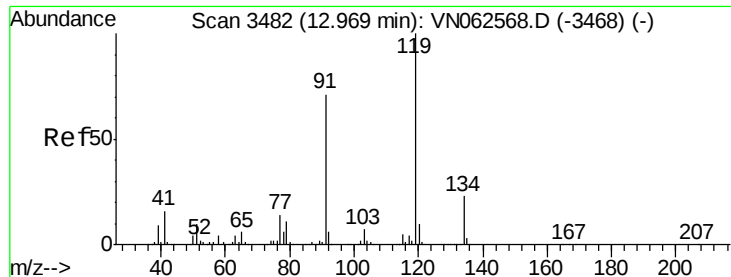
Tgt Ion: 91 Resp: 364015

Ion Ratio Lower Upper

91 100

126 30.2 15.4 46.4

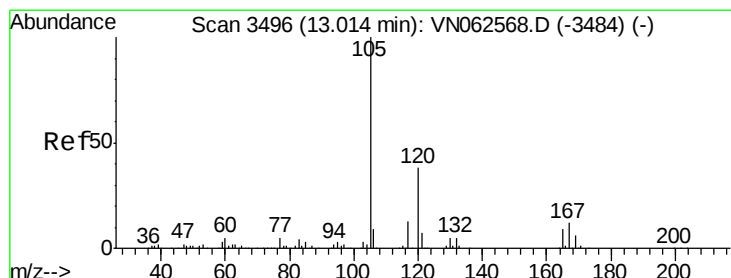
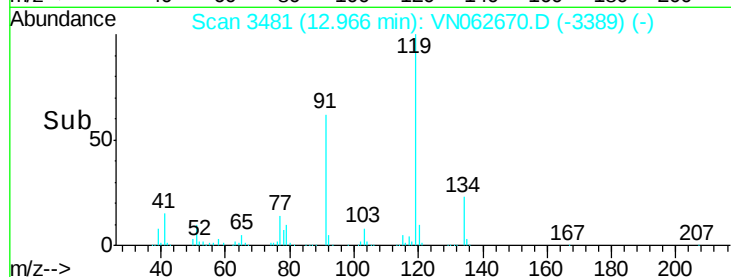
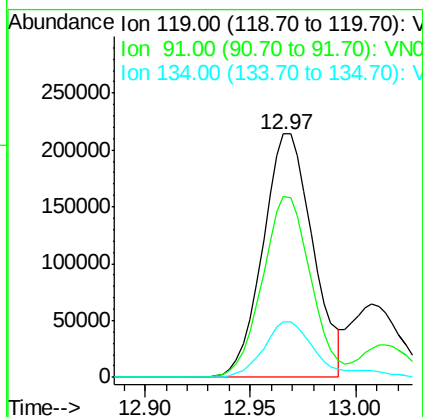
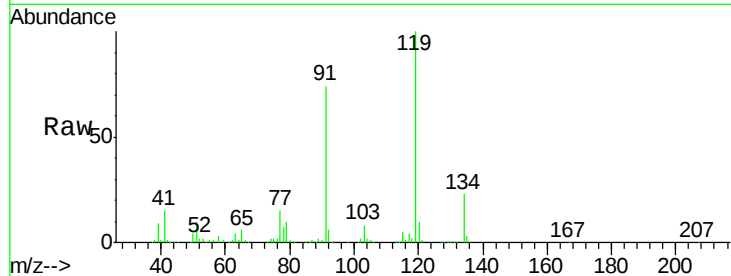




#83
tert-Butylbenzene
Concen: 50.813 ug/l
RT: 12.97 min Scan# 3481
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

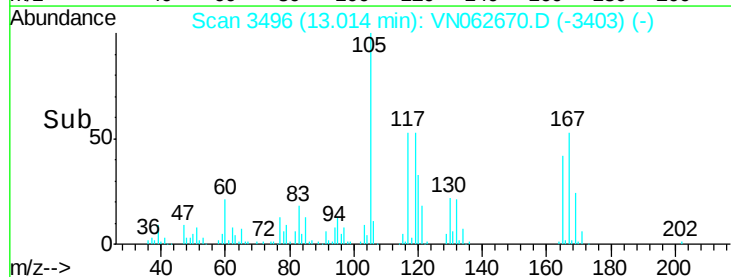
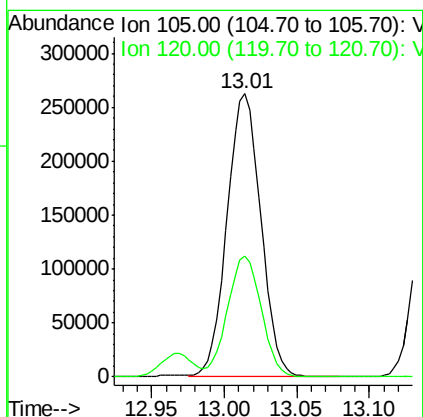
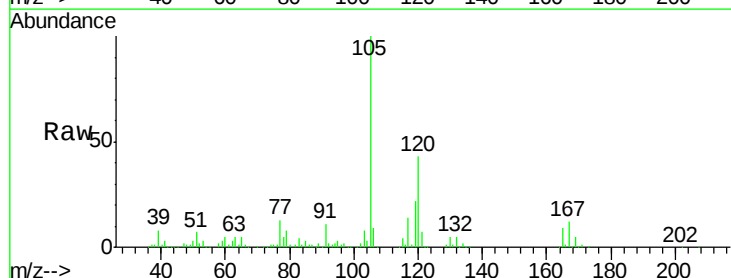
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 352087
Ion Ratio Lower Upper
119 100
91 72.1 34.6 103.8
134 22.8 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 51.584 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

Tgt Ion:105 Resp: 422266
Ion Ratio Lower Upper
105 100
120 43.0 22.1 66.3





#85

sec-Butylbenzene

Concen: 51.963 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

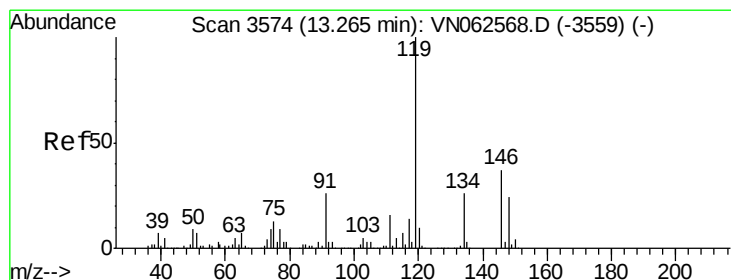
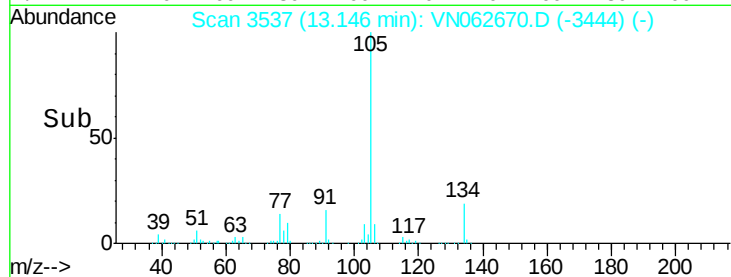
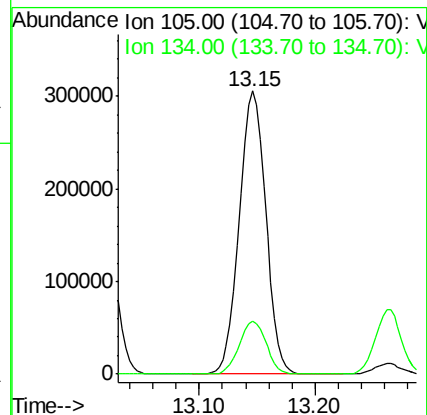
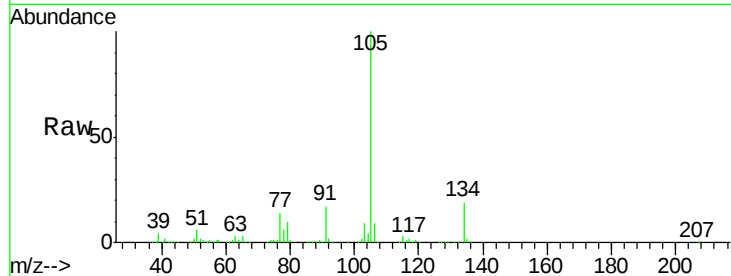
VSTDCCC050EC

Tot Ion:105 Resp: 482032

Ion Ratio Lower Upper

105 100

134 19.0 9.5 28.5



#86

p-Isopropyltoluene

Concen: 54.784 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

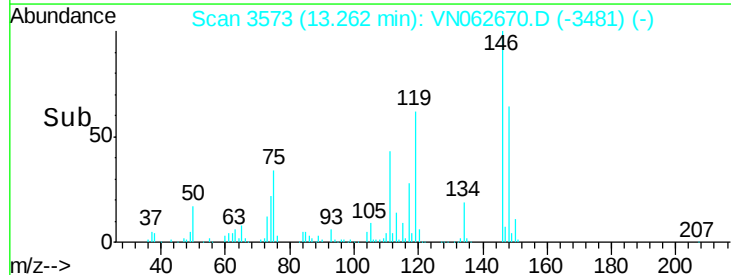
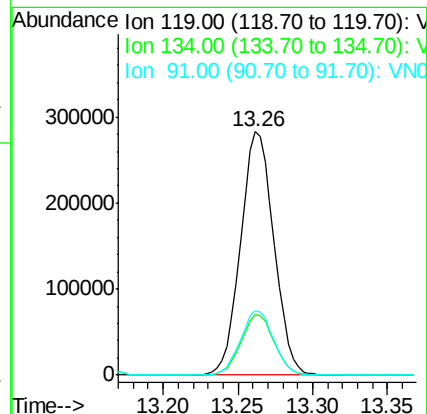
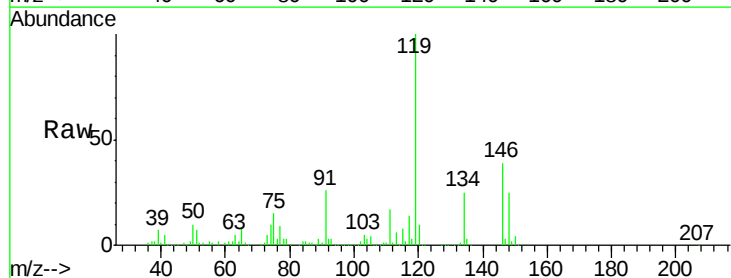
Tgt Ion:119 Resp: 437093

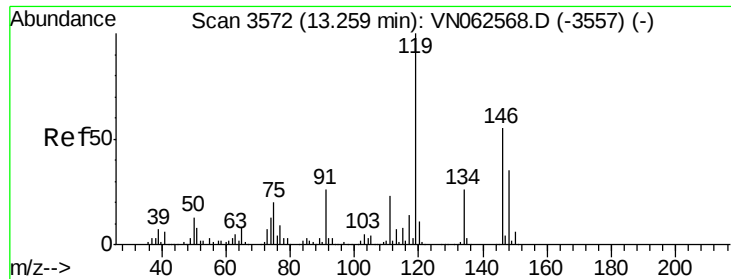
Ion Ratio Lower Upper

119 100

134 24.9 12.8 38.4

91 26.3 12.7 38.1

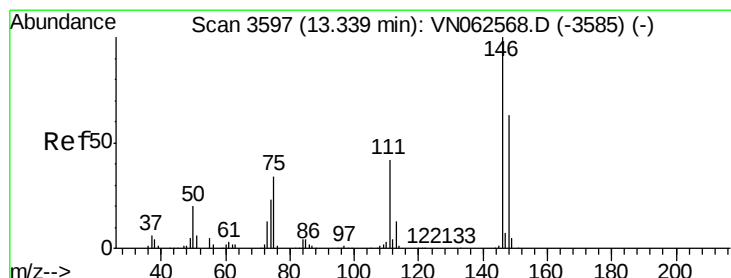
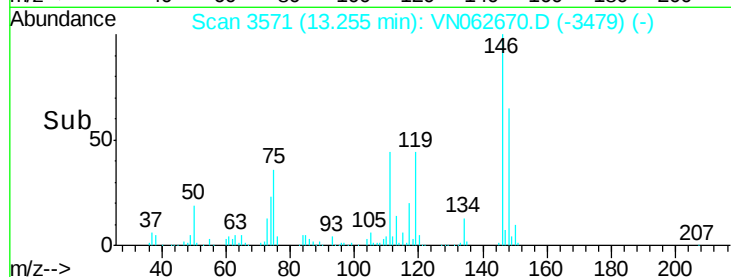
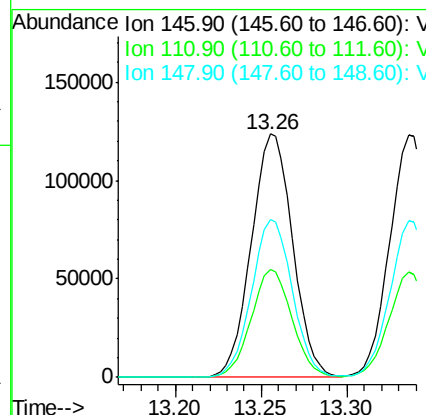
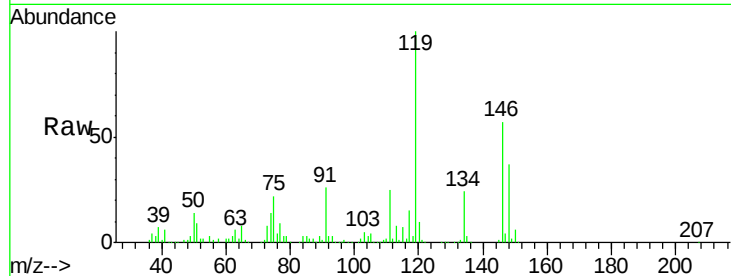




#87
 1,3-Dichlorobenzene
 Concen: 48.569 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062670.D
 Acq: 30 Jul 2020 15:49

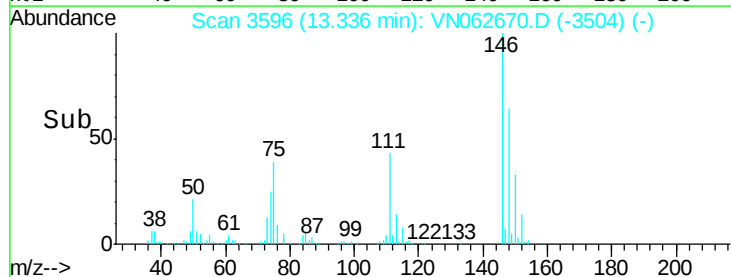
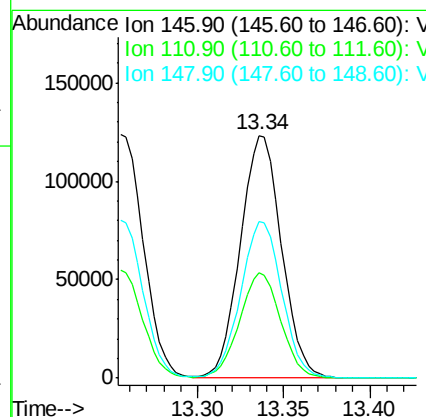
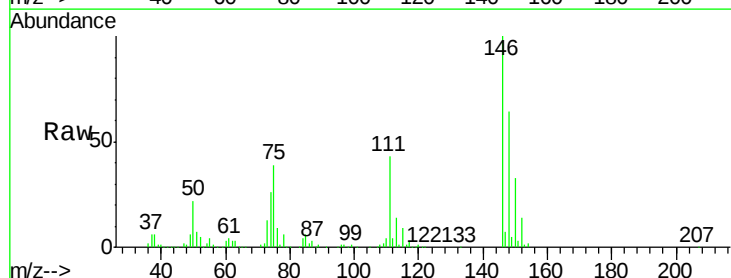
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

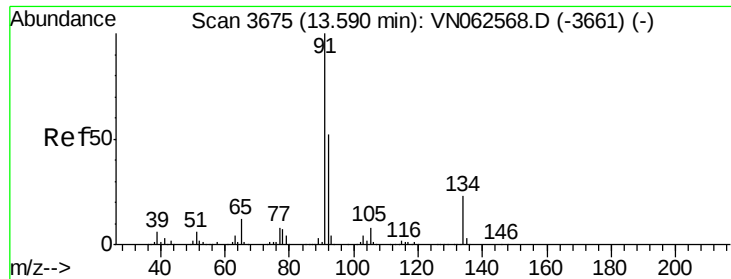
Tot Ion:146 Resp: 206052
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.6 64.6
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.584 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062670.D
 Acq: 30 Jul 2020 15:49

Tgt Ion:146 Resp: 202903
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.1 63.1
 148 65.1 31.6 94.8





#89

n-Butylbenzene

Concen: 55.211 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

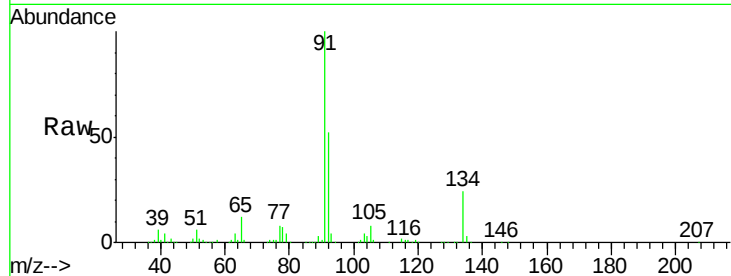
Tot Ion: 91 Resp: 378494

Ion Ratio Lower Upper

91 100

92 51.7 25.8 77.3

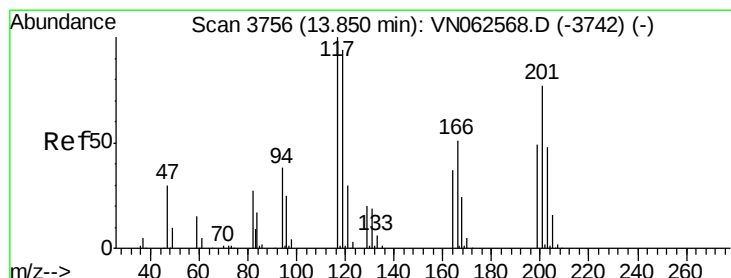
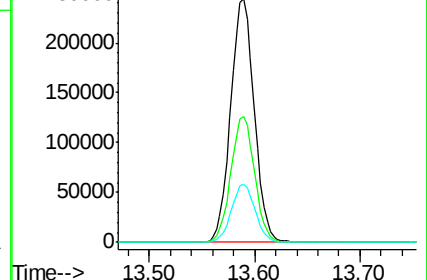
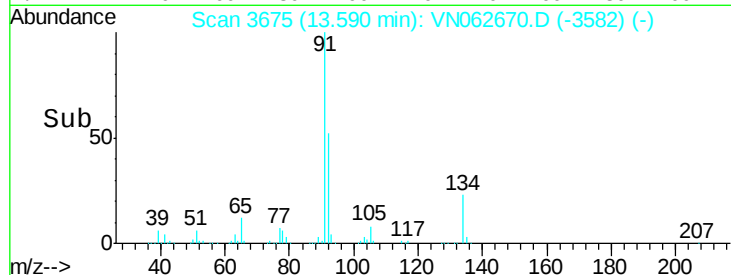
134 23.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN062670.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062670.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062670.D (-3582) (-)



#90

Hexachloroethane

Concen: 47.420 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062670.D

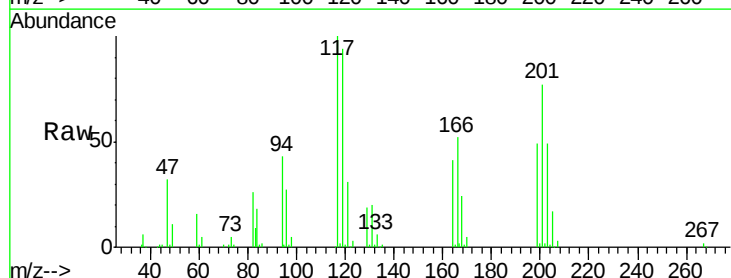
Acq: 30 Jul 2020 15:49

Tgt Ion: 117 Resp: 80542

Ion Ratio Lower Upper

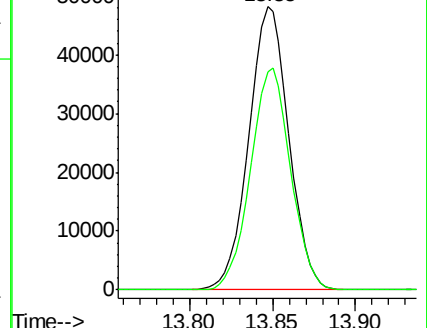
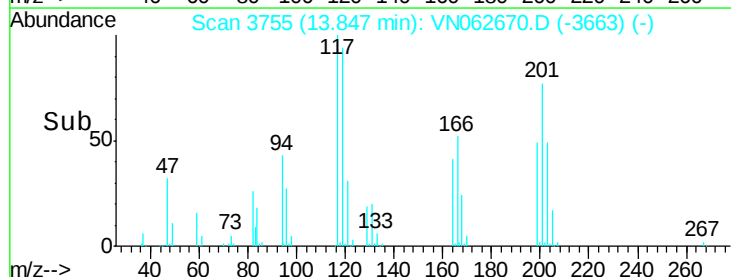
117 100

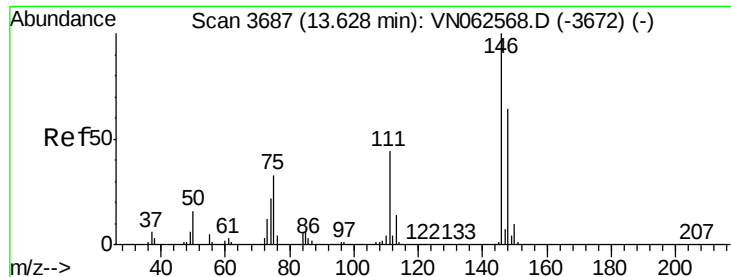
201 78.6 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062670.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062670.D (-3663) (-)





#91

1,2-Dichlorobenzene

Concen: 48.231 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

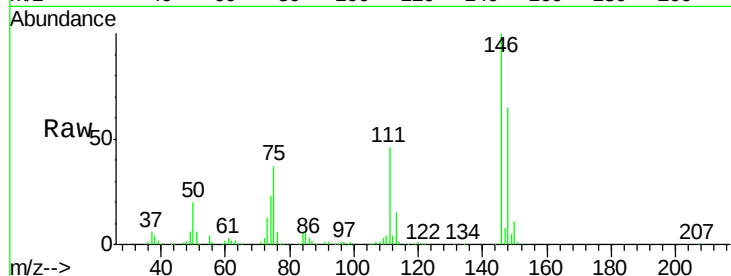
Tot Ion:146 Resp: 195654

Ion Ratio Lower Upper

146 100

111 46.1 21.9 65.8

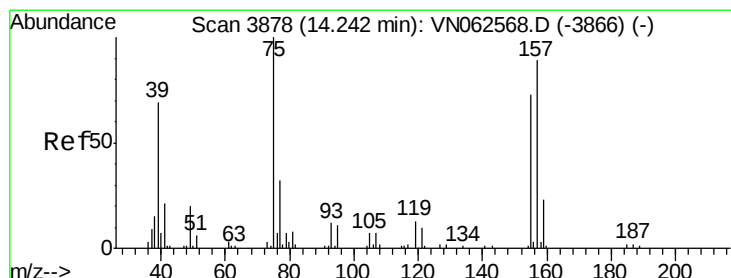
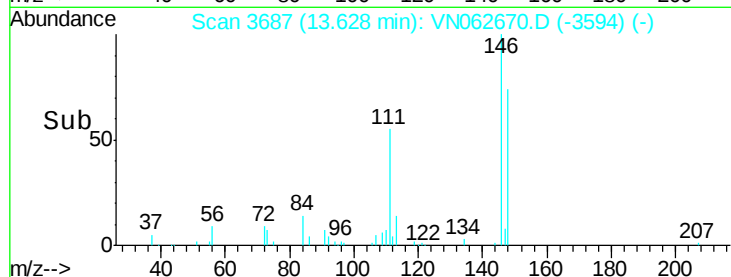
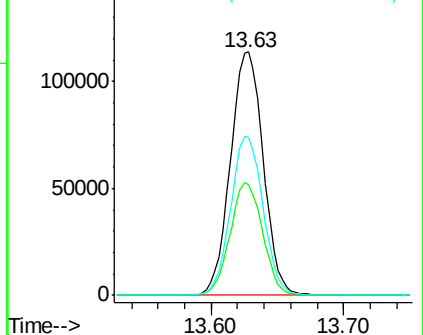
148 64.7 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.355 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062670.D

Acq: 30 Jul 2020 15:49

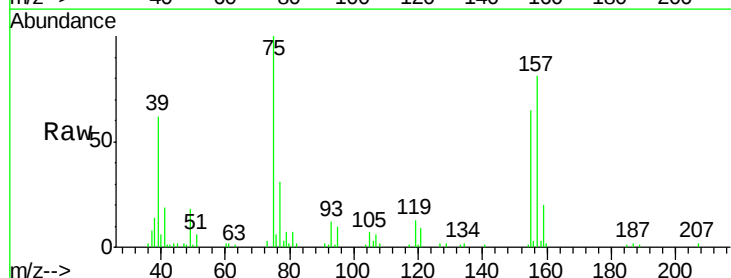
Tgt Ion: 75 Resp: 30056

Ion Ratio Lower Upper

75 100

155 69.9 35.9 107.5

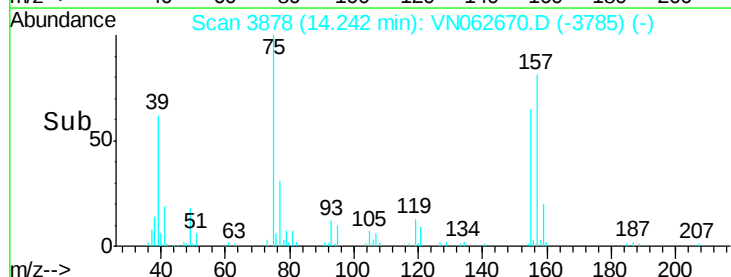
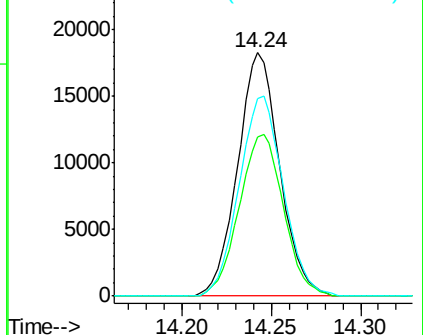
157 86.2 45.0 135.0

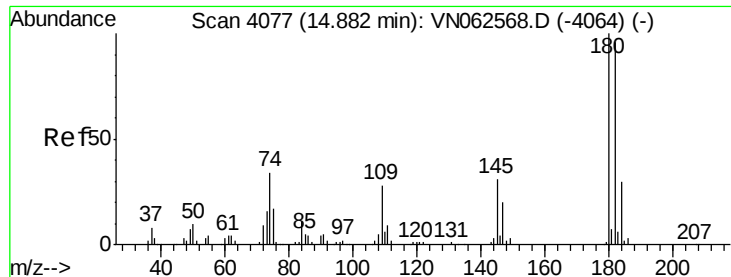


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

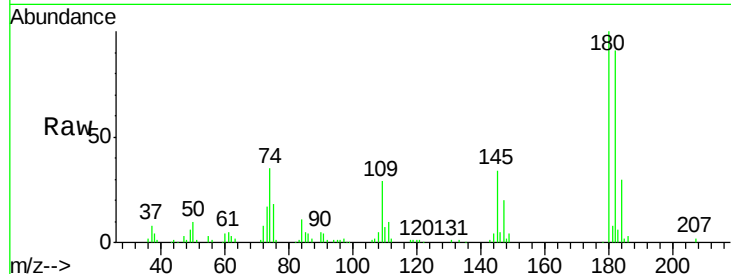




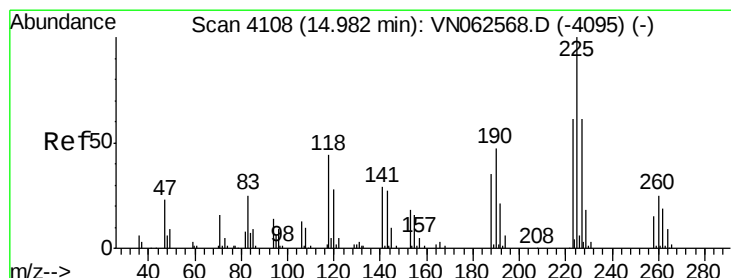
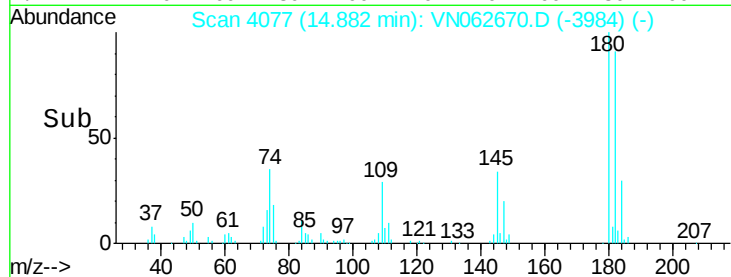
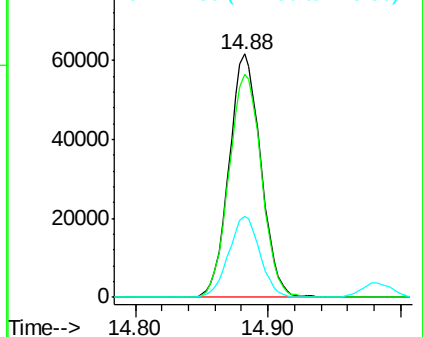
#93
 1,2,4-Trichlorobenzene
 Concen: 48.107 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062670.D
 Acq: 30 Jul 2020 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.8	143.3
145	32.7	15.3	45.9

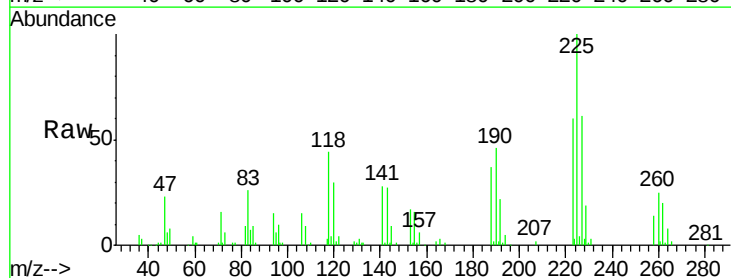


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

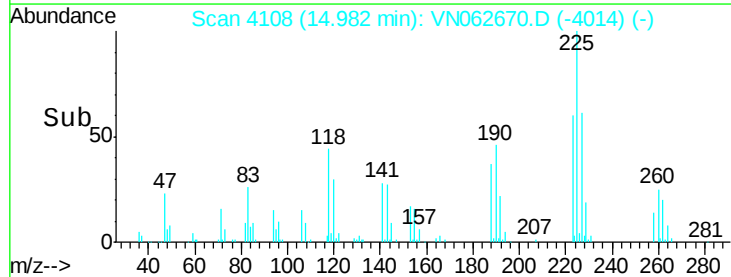
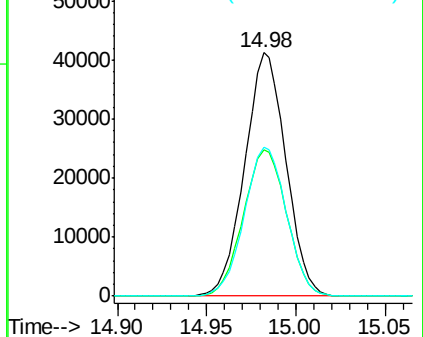


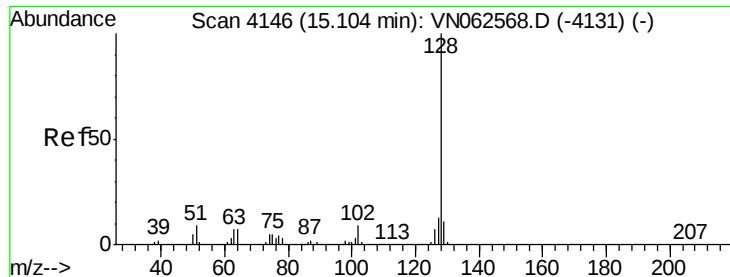
#94
 Hexachlorobutadiene
 Concen: 60.885 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062670.D
 Acq: 30 Jul 2020 15:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.0	96.0
227	62.4	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

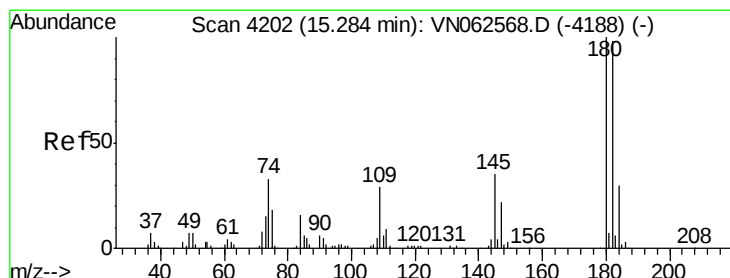
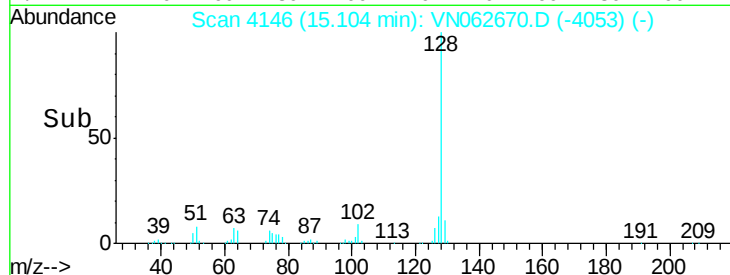
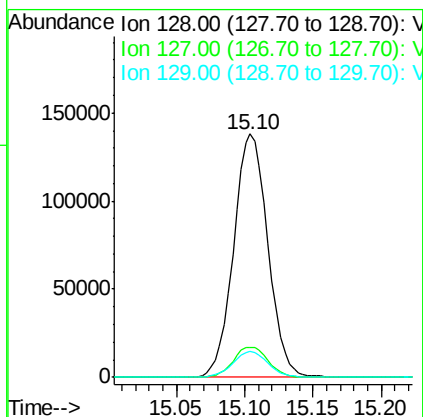
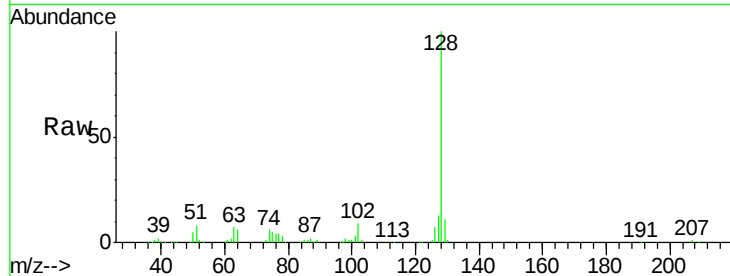




#95
Naphthalene
Concen: 43.083 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 240574
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.962 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062670.D
Acq: 30 Jul 2020 15:49

Tgt Ion:180 Resp: 99337
Ion Ratio Lower Upper
180 100
182 97.2 48.1 144.3
145 35.0 16.7 50.1

