

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062179.D
 Acq On : 27 Jun 2020 7:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 29 00:21:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	222418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182123	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	165262	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
35) Dibromofluoromethane	7.55	113	133721	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.06	98	531202	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.38	95	182152	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	120545	47.949	ug/l	100
3) Chloromethane	2.03	50	158741	53.733	ug/l	98
4) Vinyl Chloride	2.16	62	188738	47.672	ug/l	99
5) Bromomethane	2.50	94	124764	48.759	ug/l	100
6) Chloroethane	2.65	64	132521	49.000	ug/l	98
7) Trichlorofluoromethane	2.97	101	224428	46.004	ug/l	98
8) Diethyl Ether	3.37	74	92054	54.039	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	126612	49.561	ug/l	99
10) Methyl Iodide	3.91	142	155265	53.966	ug/l	100
11) Tert butyl alcohol	4.74	59	123653	275.922	ug/l	99
12) 1,1-Dichloroethene	3.69	96	132133	51.738	ug/l	99
13) Acrolein	3.56	56	121085	275.970	ug/l	97
14) Allyl chloride	4.27	41	186186	53.546	ug/l	99
15) Acrylonitrile	4.93	53	336485	275.533	ug/l	99
16) Acetone	3.77	43	266783	272.672	ug/l	98
17) Carbon Disulfide	4.00	76	376708	51.496	ug/l	100
18) Methyl Acetate	4.28	43	137999	55.617	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	456000	55.877	ug/l	100
20) Methylene Chloride	4.50	84	161584	56.421	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	146037	50.195	ug/l	93
22) Diisopropyl ether	5.90	45	447524	56.527	ug/l	98
23) Vinyl Acetate	5.84	43	1842736	285.086	ug/l	98
24) 1,1-Dichloroethane	5.80	63	271477	53.251	ug/l	99
25) 2-Butanone	6.79	43	411134	269.484	ug/l	98
26) 2,2-Dichloropropane	6.78	77	138165	32.522	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	183105	55.930	ug/l	95
28) Bromochloromethane	7.15	49	117086	52.933	ug/l	94
29) Tetrahydrofuran	7.17	42	279562	279.740	ug/l	99
30) Chloroform	7.33	83	269305	51.920	ug/l	100
31) Cyclohexane	7.61	56	227664	52.794	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	225894	51.642	ug/l	98
36) 1,1-Dichloropropene	7.75	75	202094	48.170	ug/l	99
37) Ethyl Acetate	6.88	43	180541	51.968	ug/l	99
38) Carbon Tetrachloride	7.73	117	192971	48.787	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	234080	50.921	ug/l	98
40) Benzene	8.00	78	636174	49.750	ug/l	97
41) Methacrylonitrile	7.13	41	87675	54.436	ug/l	93
42) 1,2-Dichloroethane	8.09	62	217362	50.310	ug/l	99
43) Isopropyl Acetate	8.13	43	302658	53.442	ug/l	100
44) Trichloroethene	8.80	130	235493	73.005	ug/l	99
45) 1,2-Dichloropropane	9.08	63	162801	51.605	ug/l	99
46) Dibromomethane	9.18	93	107244	50.139	ug/l	97
47) Bromodichloromethane	9.37	83	219914	50.920	ug/l	98
48) Methyl methacrylate	9.17	41	137771	54.256	ug/l	98
49) 1,4-Dioxane	9.17	88	58769	1043.646	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	910917	275.300	ug/l	99
52) Toluene	10.12	92	399431	51.194	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	229435	48.287	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	250811	49.581	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	158941	51.822	ug/l	98
56) Ethyl methacrylate	10.40	69	232581	56.823	ug/l	98
57) 1,3-Dichloropropane	10.68	76	271868	51.499	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	442923	253.898	ug/l	98
59) 2-Hexanone	10.72	43	665792	278.657	ug/l	100
60) Dibromochloromethane	10.87	129	166059	51.140	ug/l	98
61) 1,2-Dibromoethane	10.98	107	158404	50.264	ug/l	99
64) Tetrachloroethene	10.60	164	122038	46.190	ug/l	96
65) Chlorobenzene	11.41	112	415279	48.892	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	150166	51.127	ug/l	99
67) Ethyl Benzene	11.48	91	757008	52.771	ug/l	99
68) m/p-Xylenes	11.60	106	579386	104.424	ug/l	98
69) o-Xylene	11.92	106	279767	53.442	ug/l	97
70) Styrene	11.94	104	476327	54.558	ug/l	99
71) Bromoform	12.10	173	106350	50.928	ug/l #	98
73) Isopropylbenzene	12.22	105	736853	52.267	ug/l	99
74) N-amyl acetate	12.05	43	271868	52.227	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	231520	49.350	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	284373	66.329	ug/l #	100
77) Bromobenzene	12.50	156	170680	48.765	ug/l	95
78) n-propylbenzene	12.57	91	851559	52.807	ug/l	99
79) 2-Chlorotoluene	12.65	91	504432	51.743	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	619660	54.221	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	65160	44.385	ug/l	96
82) 4-Chlorotoluene	12.75	91	532212	52.792	ug/l	96
83) tert-Butylbenzene	12.97	119	516729	52.833	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	617273	54.080	ug/l	100
85) sec-Butylbenzene	13.15	105	709899	54.930	ug/l	99
86) p-Isopropyltoluene	13.27	119	629493	55.596	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	309811	50.408	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	307789	48.583	ug/l	100
89) n-Butylbenzene	13.59	91	523619	55.624	ug/l	99
90) Hexachloroethane	13.85	117	116893	52.619	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	301257	50.548	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	40547	53.952	ug/l	97

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Quant Title : SW846 8260
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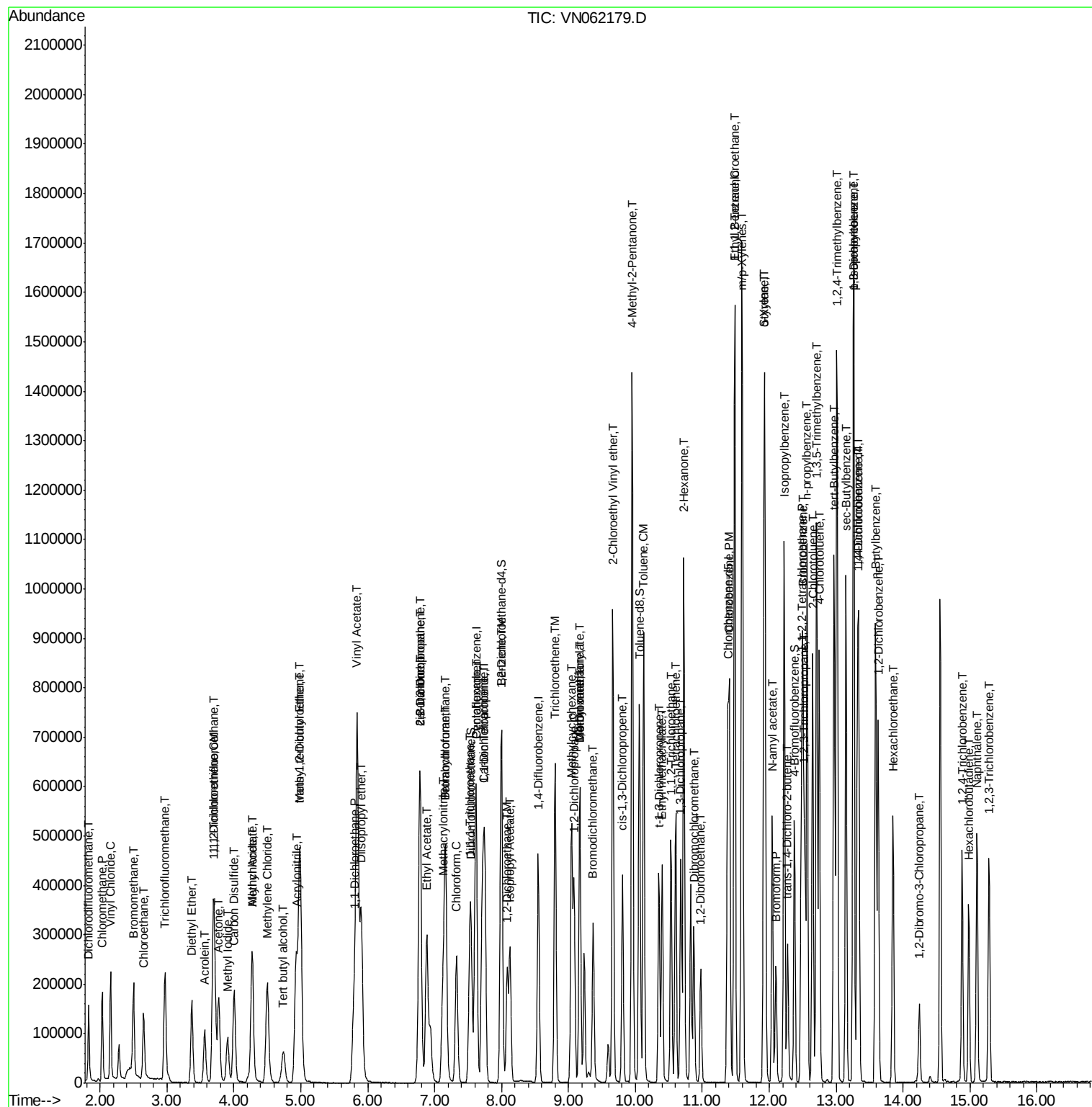
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	141047	54.174	ug/l	100
94) Hexachlorobutadiene	14.99	225	58077	51.359	ug/l	100
95) Naphthalene	15.10	128	428914	49.456	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	143325	53.837	ug/l	99

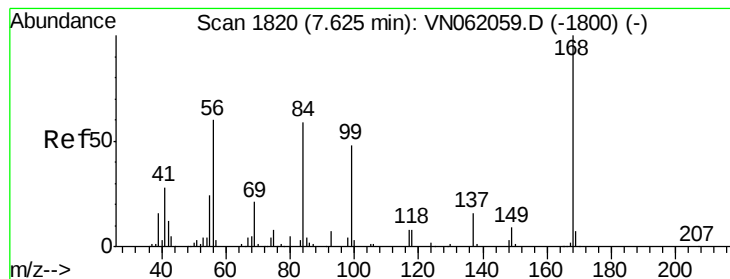
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

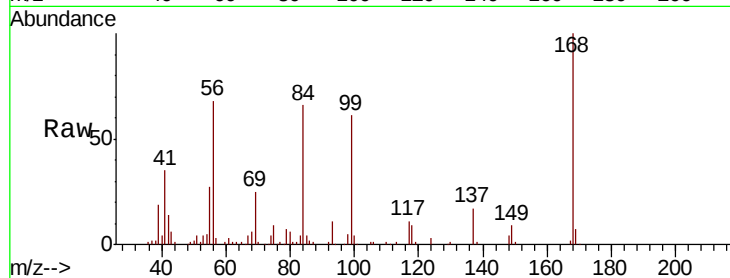
VSTDCCC050EC

Tot Ion:168 Resp: 222418

Ion Ratio Lower Upper

168 100

99 61.3 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

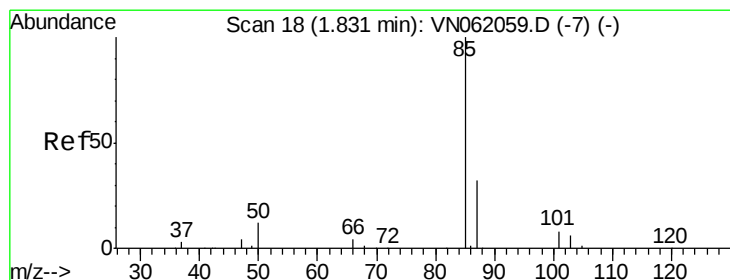
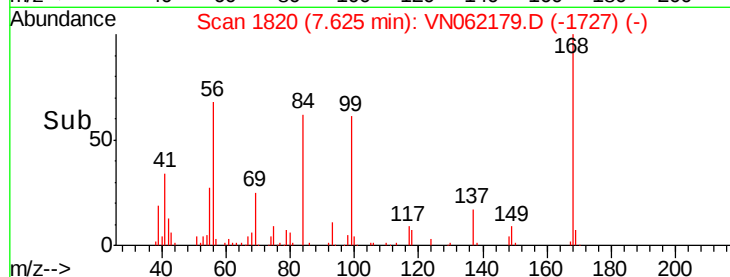
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 47.949 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062179.D

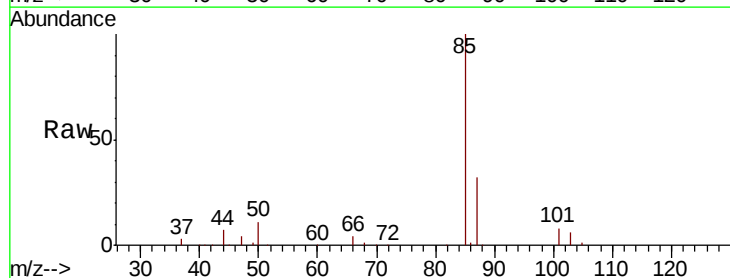
Acq: 27 Jun 2020 7:53

Tgt Ion: 85 Resp: 120545

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

100000

80000

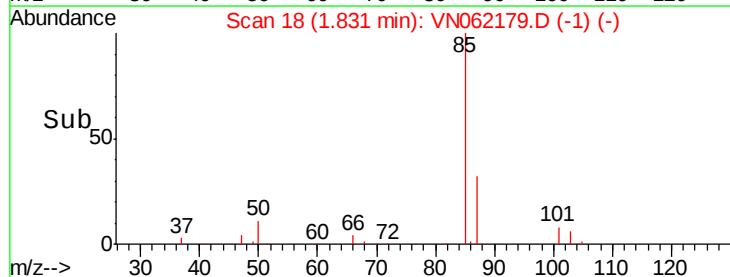
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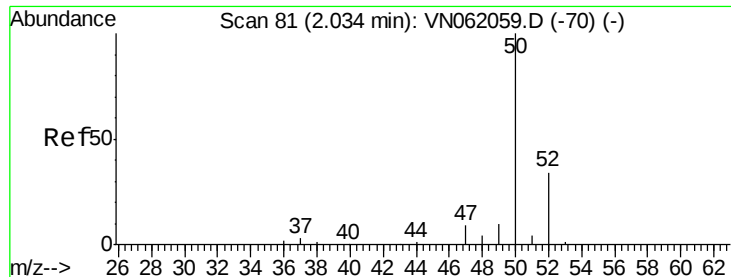
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 53.733 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

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ClientSampleId :

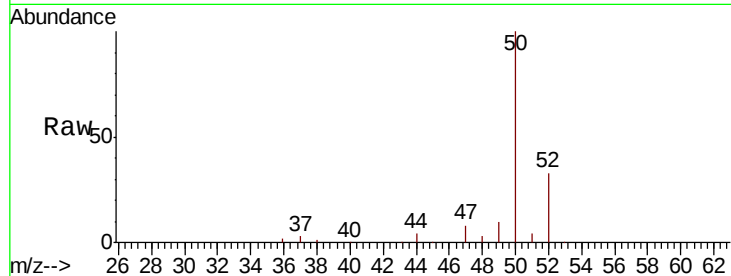
VSTDCCC050EC

Tot Ion: 50 Resp: 158741

Ion Ratio Lower Upper

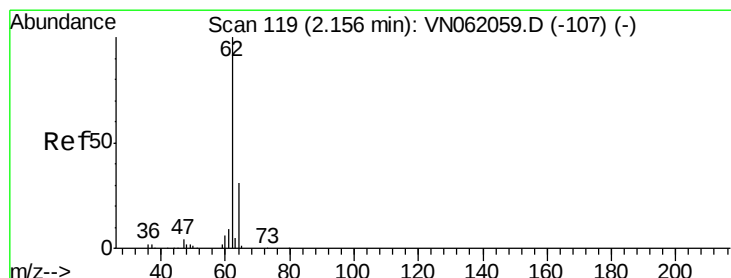
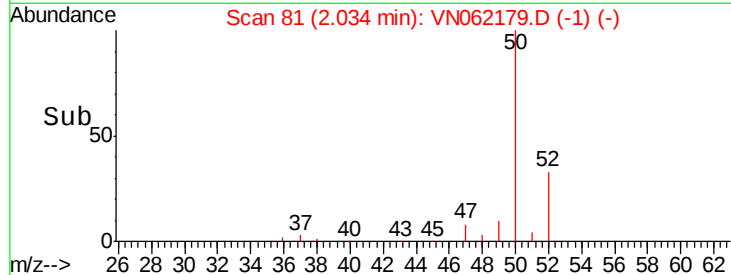
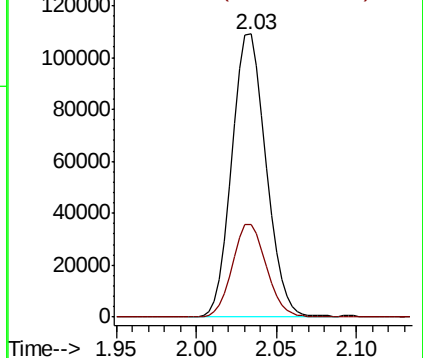
50 100

52 32.9 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 47.672 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062179.D

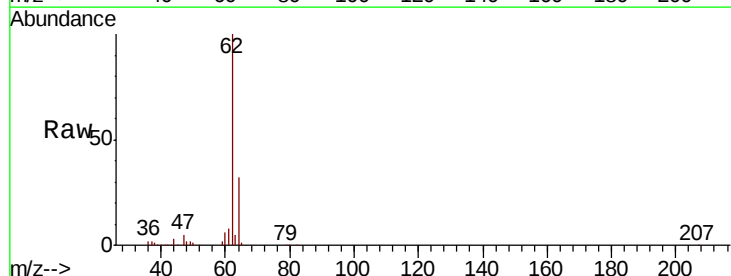
Acq: 27 Jun 2020 7:53

Tgt Ion: 62 Resp: 188738

Ion Ratio Lower Upper

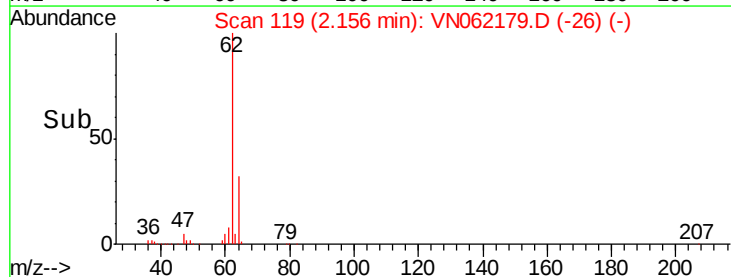
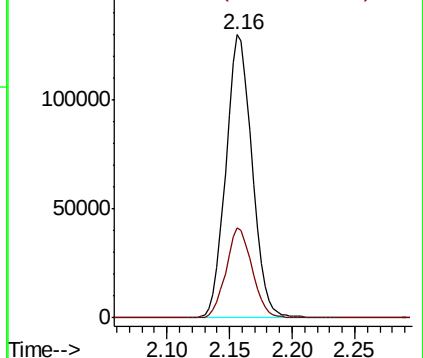
62 100

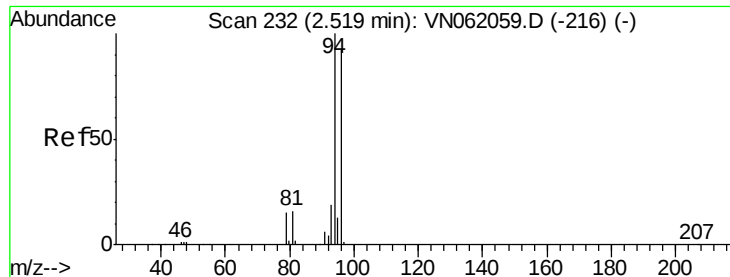
64 31.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 48.759 ug/l

RT: 2.50 min Scan# 226

Delta R.T. -0.02 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

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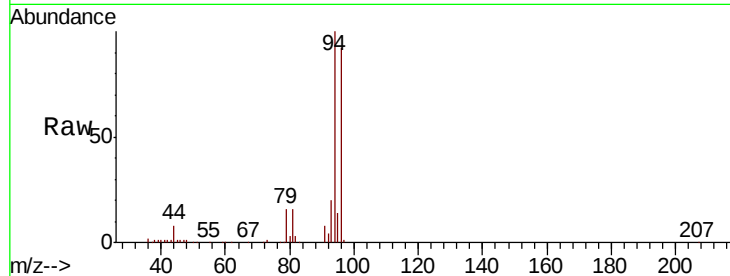
VSTDCCC050EC

Tot Ion: 94 Resp: 124764

Ion Ratio Lower Upper

94 100

96 92.1 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.50

80000

60000

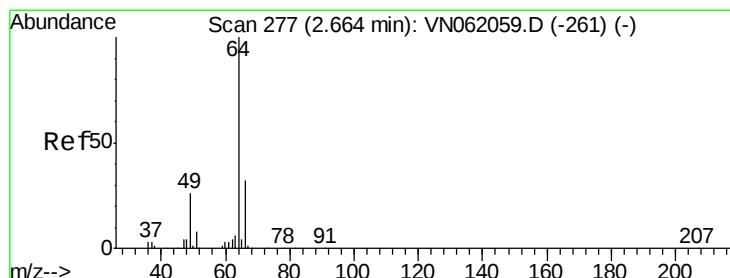
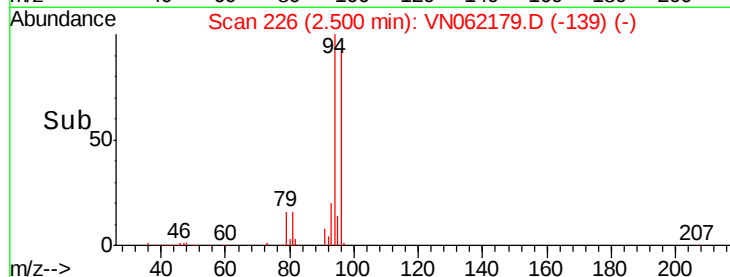
40000

20000

0

Time-->

2.40 2.45 2.50 2.55



#6

Chloroethane

Concen: 49.000 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.01 min

Lab File: VN062179.D

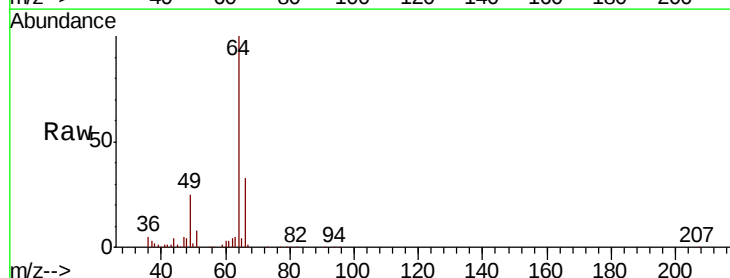
Acq: 27 Jun 2020 7:53

Tgt Ion: 64 Resp: 132521

Ion Ratio Lower Upper

64 100

66 33.3 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.65

60000

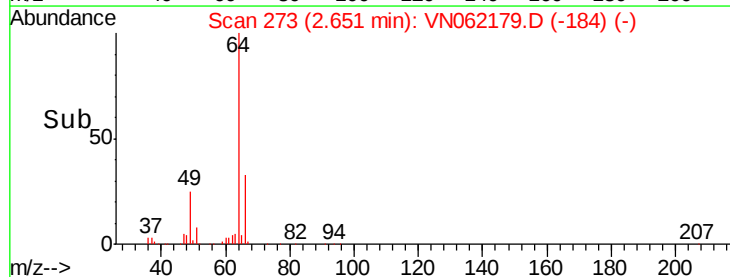
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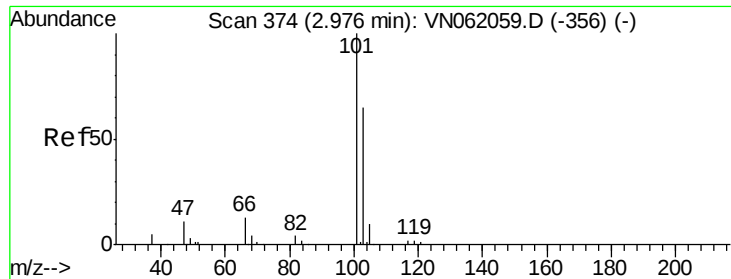
20000

0

Time-->

2.60 2.70 2.80



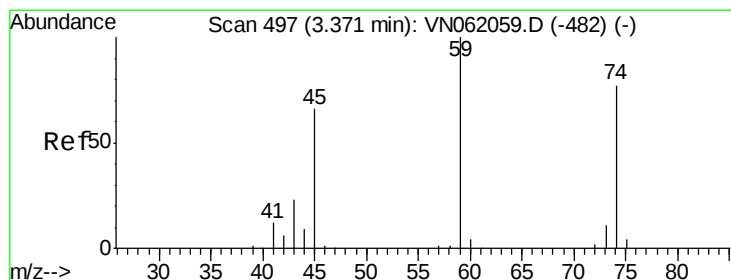
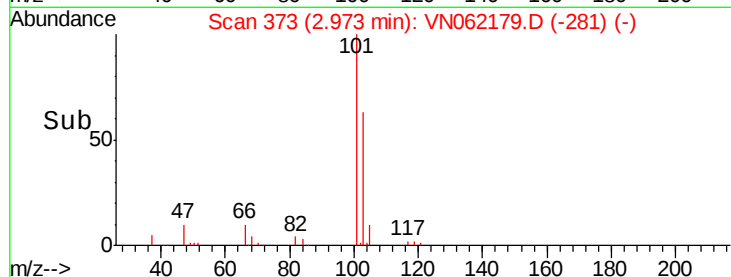
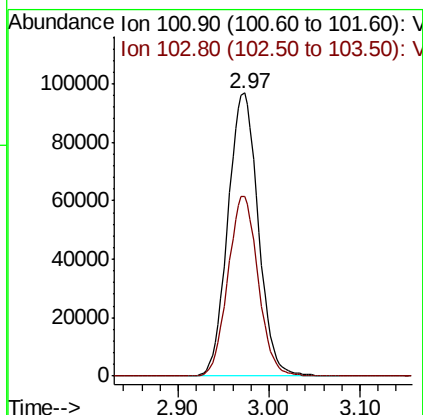
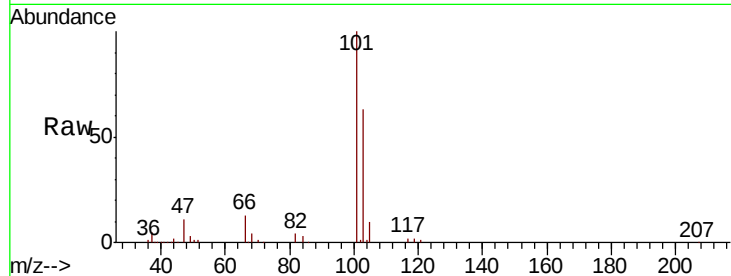


#7

Trichlorofluoromethane
 Concen: 46.004 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Instrument :
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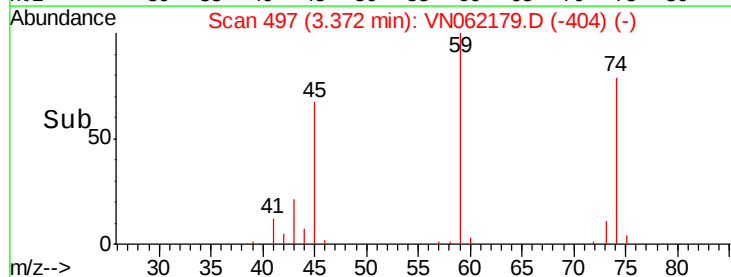
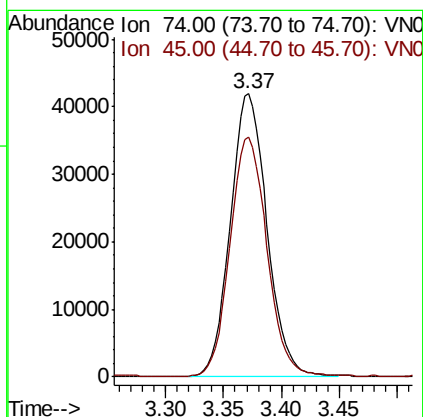
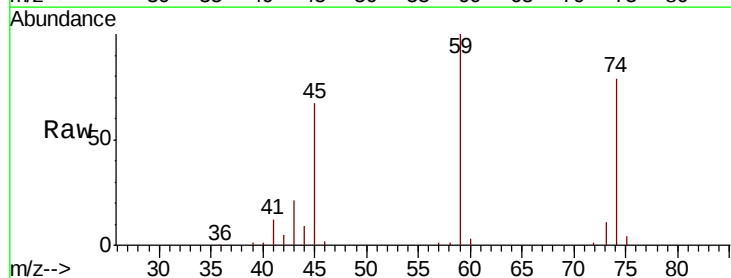
Tot Ion:101 Resp: 224428
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.8 77.6

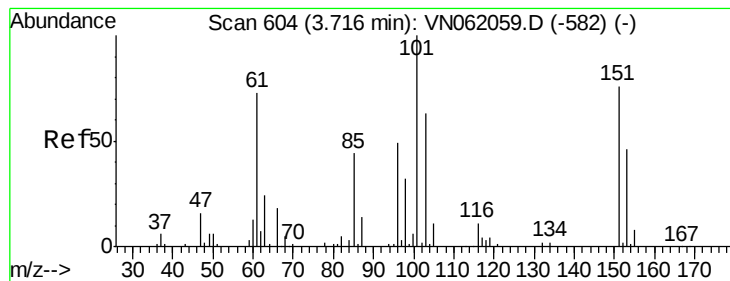


#8

Diethyl Ether
 Concen: 54.039 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion: 74 Resp: 92054
 Ion Ratio Lower Upper
 74 100
 45 85.7 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.561 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062179.D

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Instrument :

MSVOA_N

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VSTDCCC050EC

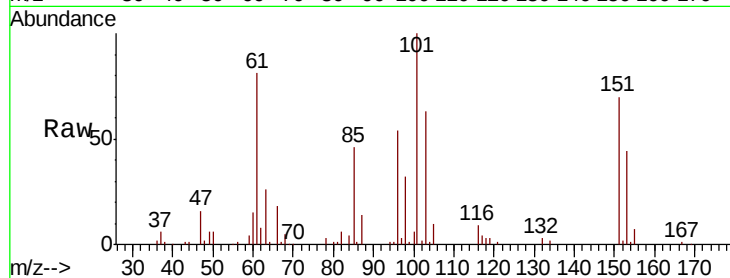
Tot Ion:101 Resp: 126612

Ion Ratio Lower Upper

101 100

85 44.3 34.5 51.7

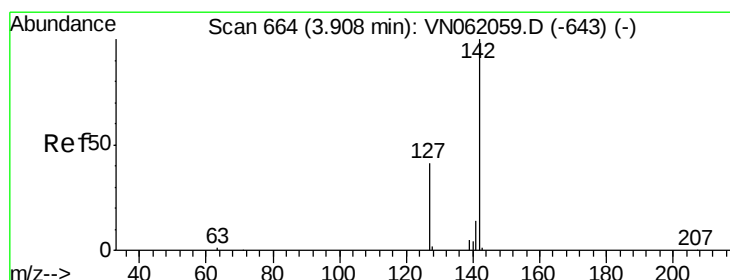
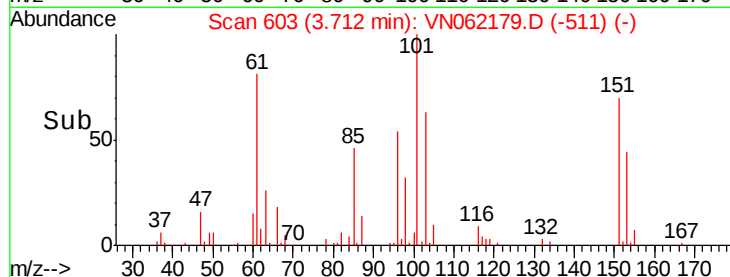
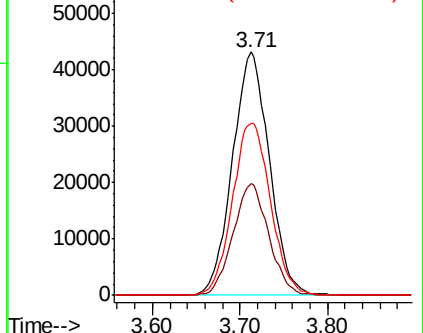
151 72.7 57.8 86.8



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: 53.966 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

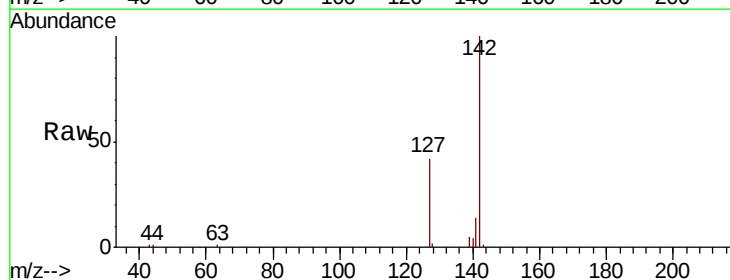
Tgt Ion:142 Resp: 155265

Ion Ratio Lower Upper

142 100

127 41.8 33.6 50.4

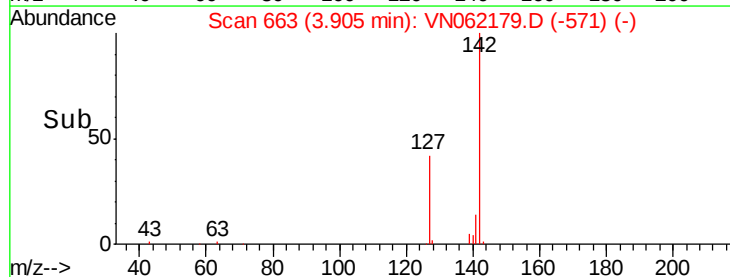
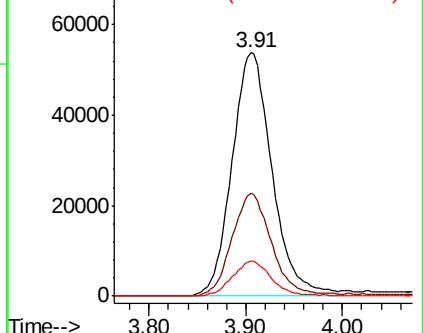
141 14.0 11.3 16.9

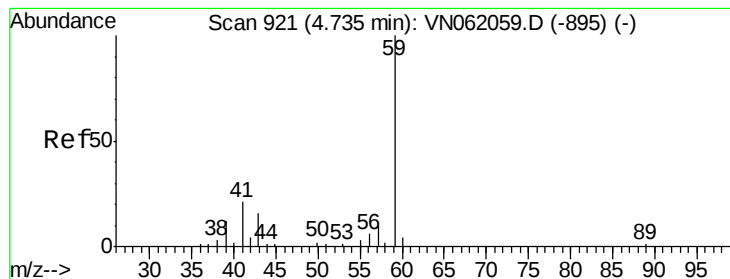


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



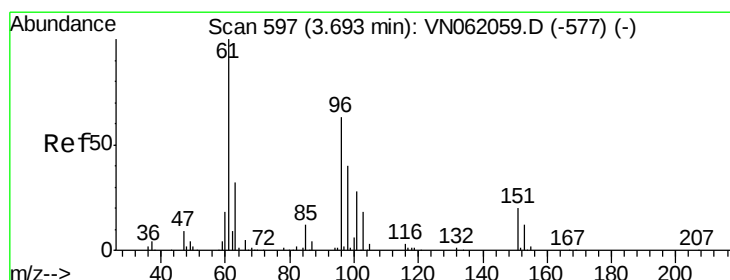
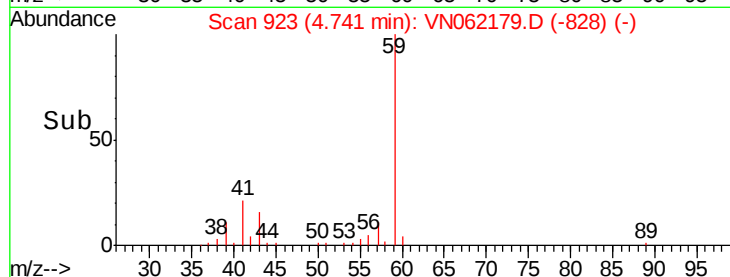
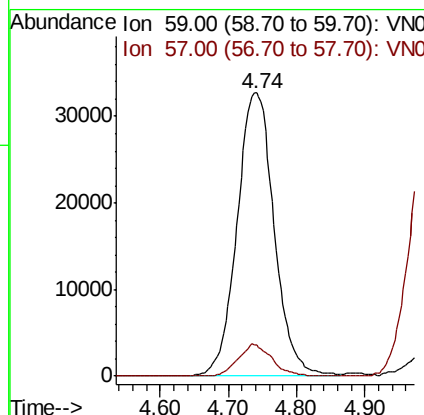
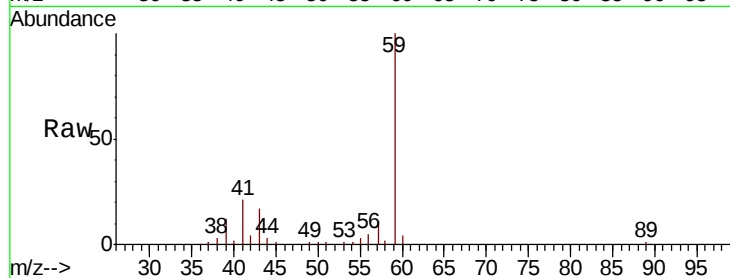


#11

Tert butyl alcohol
 Concen: 275.922 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

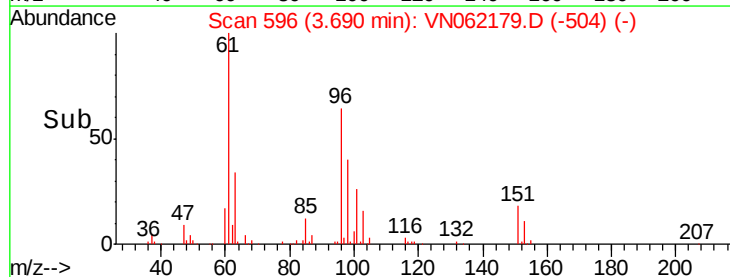
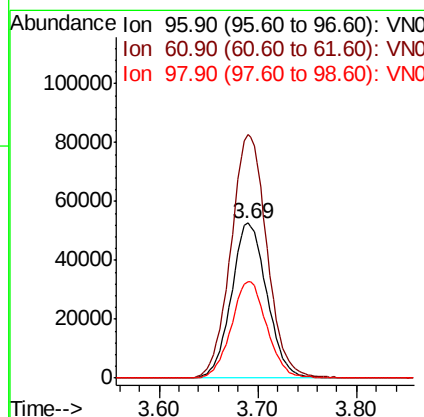
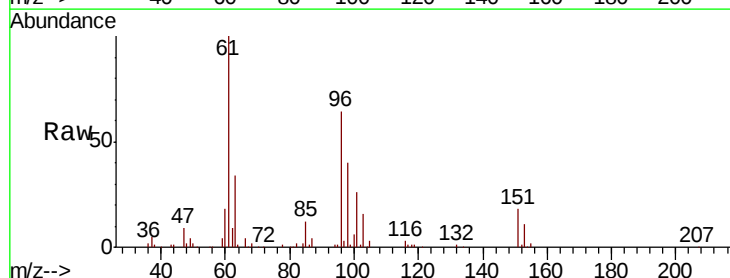
Tot Ion: 59 Resp: 123653
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.3 12.5

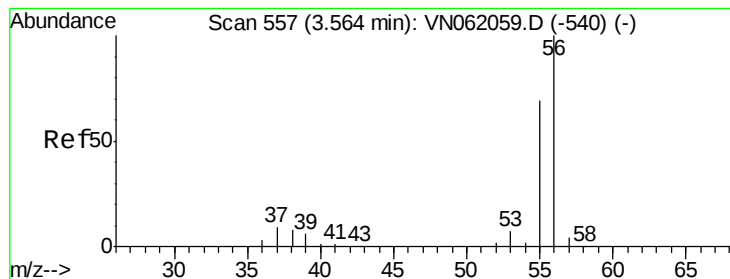


#12

1,1-Dichloroethene
 Concen: 51.738 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion: 96 Resp: 132133
 Ion Ratio Lower Upper
 96 100
 61 157.0 126.7 190.1
 98 62.5 51.0 76.4





#13

Acrolein

Concen: 275.970 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

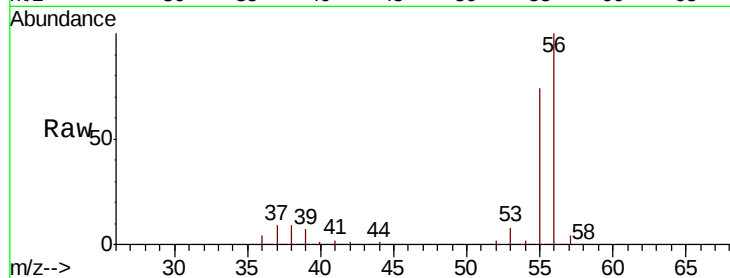
VSTDCCC050EC

Tot Ion: 56 Resp: 121085

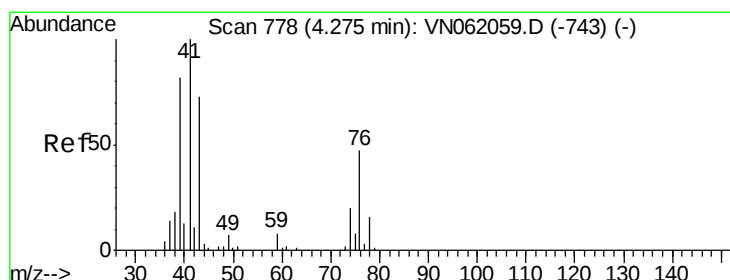
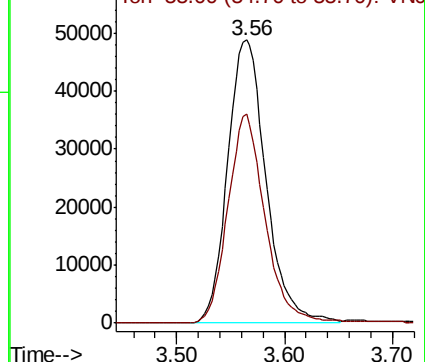
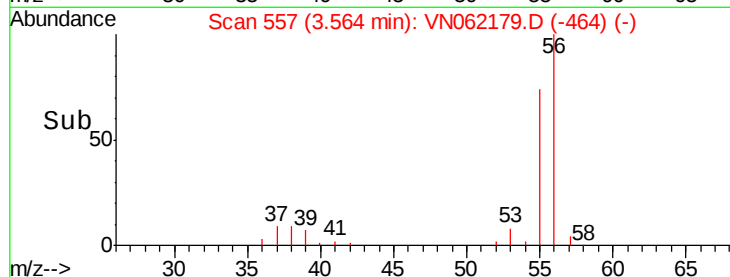
Ion Ratio Lower Upper

56 100

55 71.7 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062179.D (-464) (-)



#14

Allyl chloride

Concen: 53.546 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

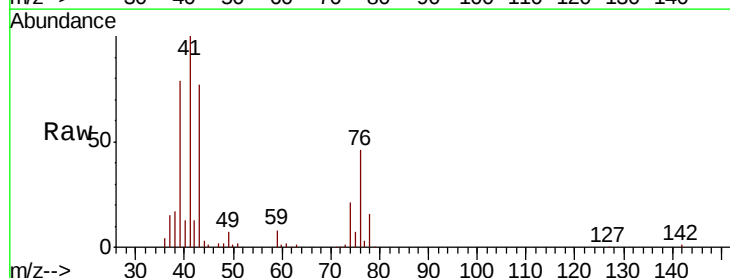
Tgt Ion: 41 Resp: 186186

Ion Ratio Lower Upper

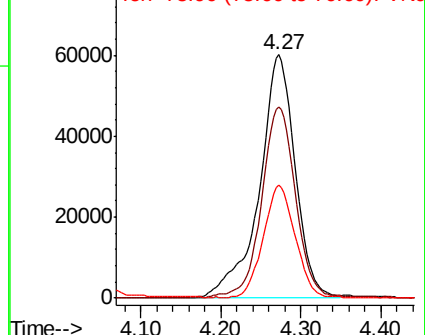
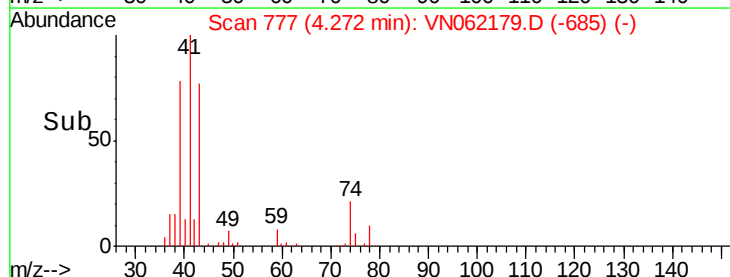
41 100

39 74.6 60.0 90.0

76 40.9 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062179.D (-685) (-)





#15

Acrylonitrile

Concen: 275.533 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

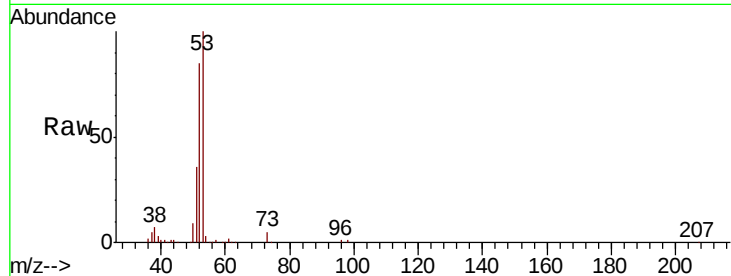
Tot Ion: 53 Resp: 336485

Ion Ratio Lower Upper

53 100

52 83.2 66.2 99.4

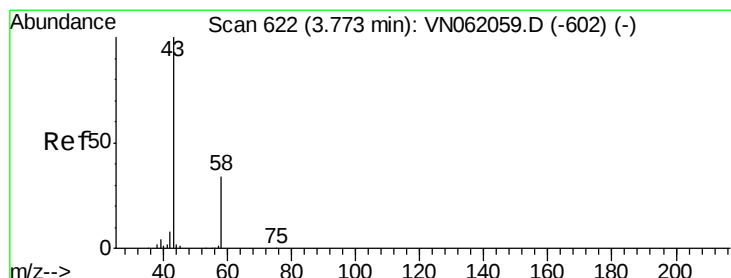
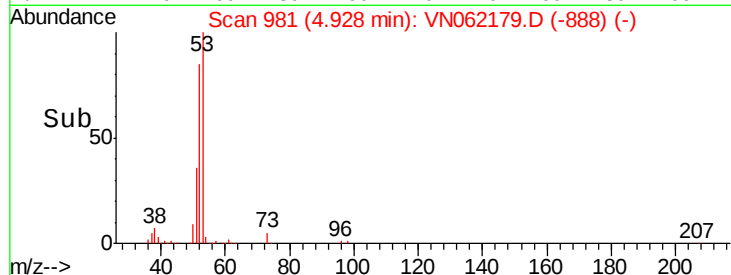
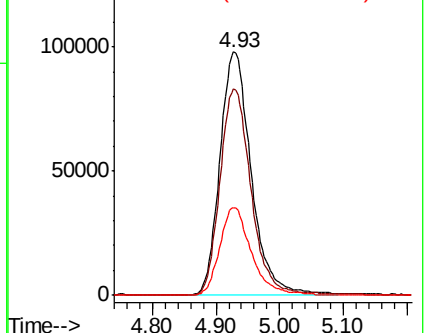
51 36.6 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN062179.D (-529) (-)

Ion 52.00 (51.70 to 52.70): VN062179.D (-529) (-)

Ion 51.00 (50.70 to 51.70): VN062179.D (-529) (-)



#16

Acetone

Concen: 272.672 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062179.D

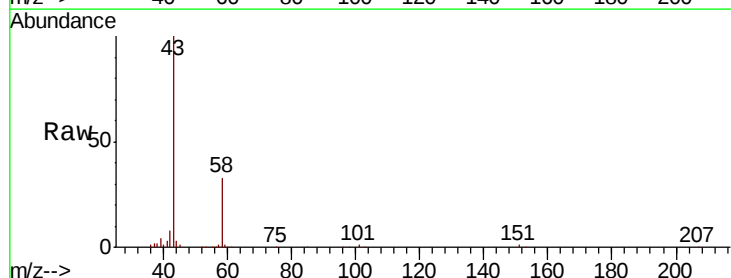
Acq: 27 Jun 2020 7:53

Tgt Ion: 43 Resp: 266783

Ion Ratio Lower Upper

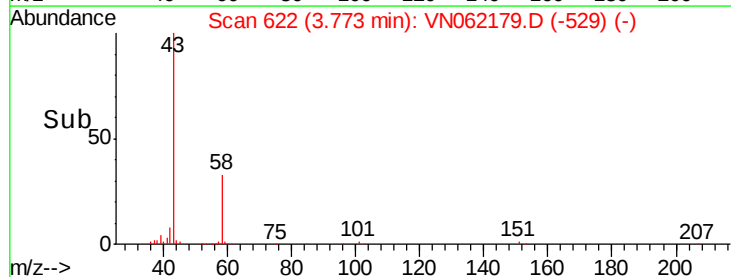
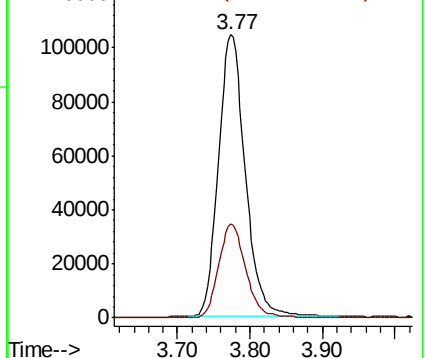
43 100

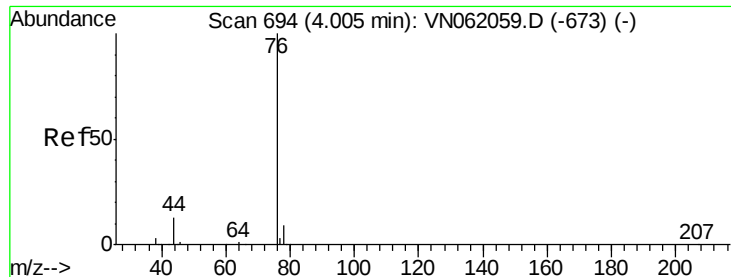
58 33.3 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062179.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062179.D (-529) (-)

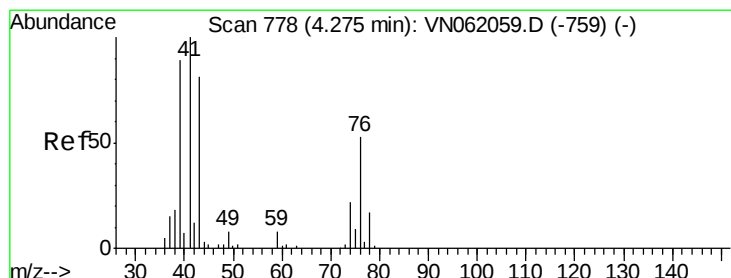
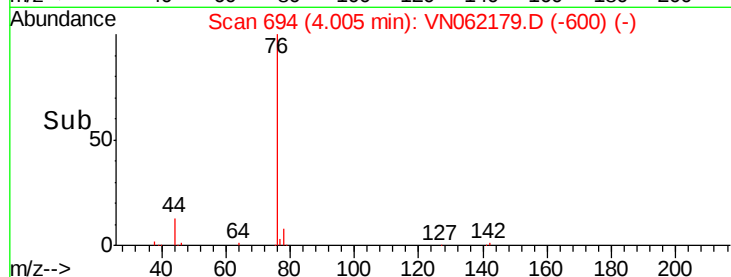
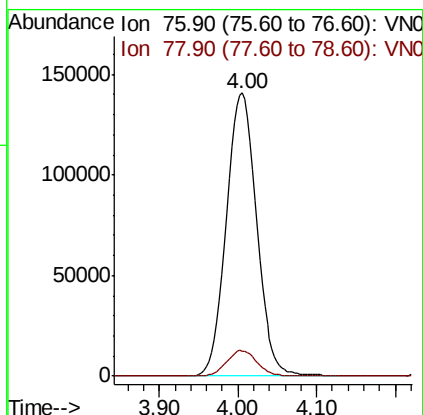
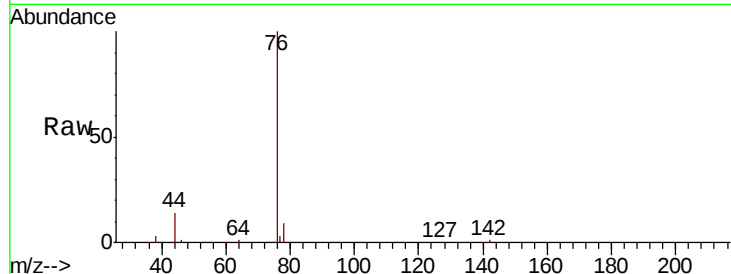




#17
Carbon Disulfide
Concen: 51.496 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

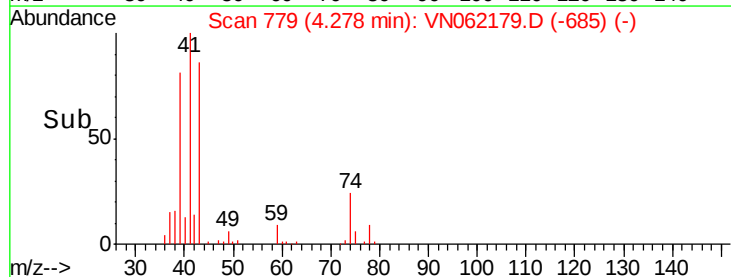
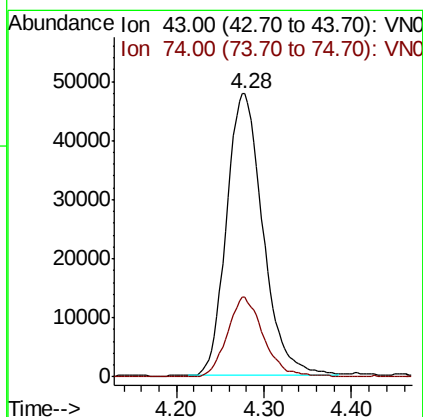
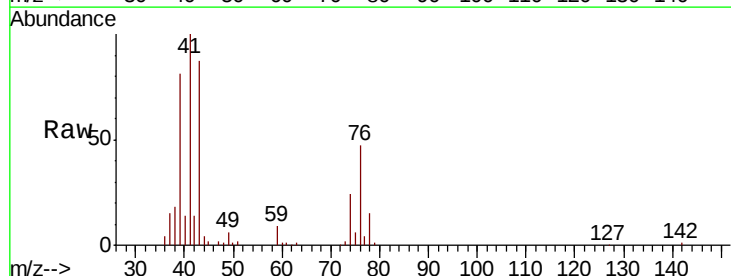
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

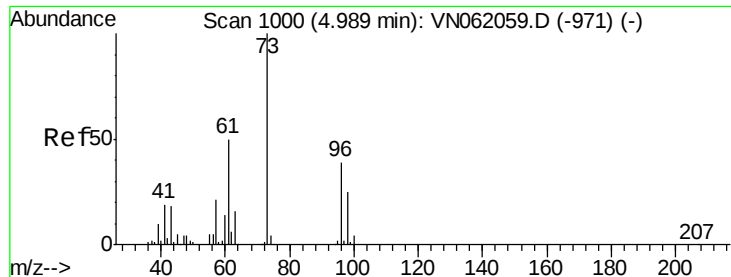
Tot Ion: 76 Resp: 376708
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 55.617 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion: 43 Resp: 137999
Ion Ratio Lower Upper
43 100
74 28.0 22.9 34.3

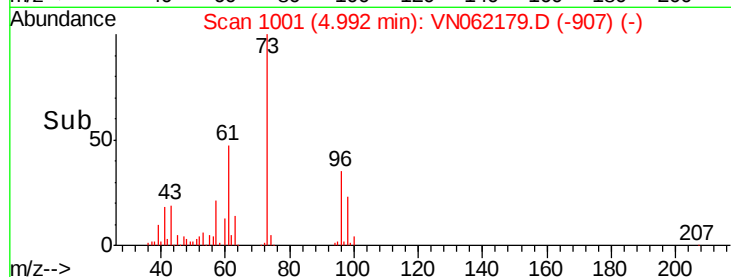
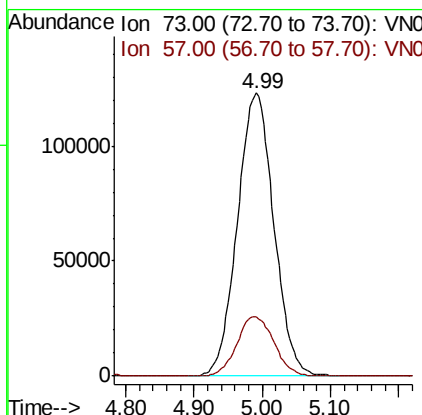
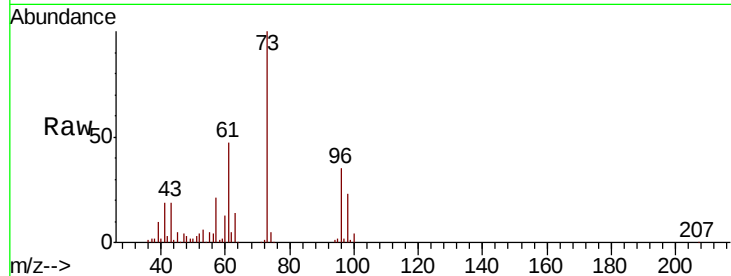




#19
Methvl tert-butvl Ether
Concen: 55.877 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

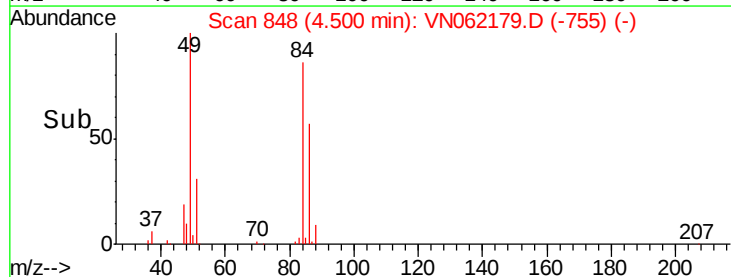
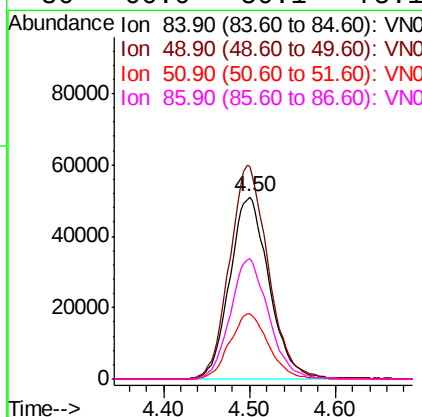
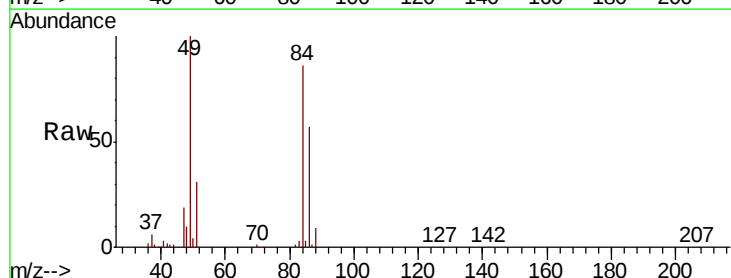
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

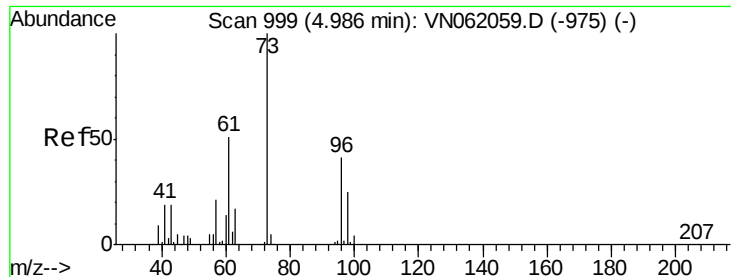
Tot Ion: 73 Resp: 456000
Ion Ratio Lower Upper
73 100
57 20.8 16.6 24.8



#20
Methylene Chloride
Concen: 56.421 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion: 84 Resp: 161584
Ion Ratio Lower Upper
84 100
49 116.6 90.6 136.0
51 35.7 27.8 41.8
86 66.0 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 50.195 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

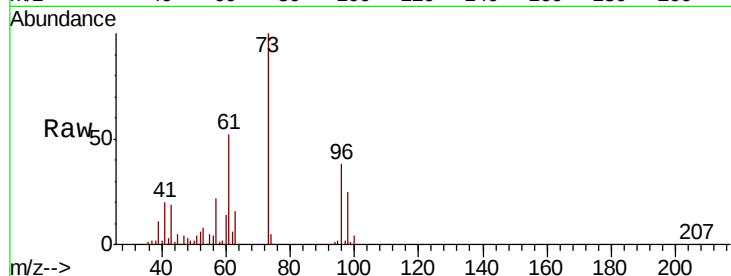
Tot Ion: 96 Resp: 146037

Ion Ratio Lower Upper

96 100

61 136.0 101.4 152.2

98 65.2 49.3 73.9

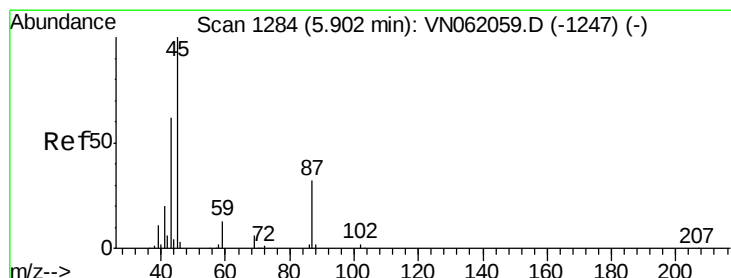
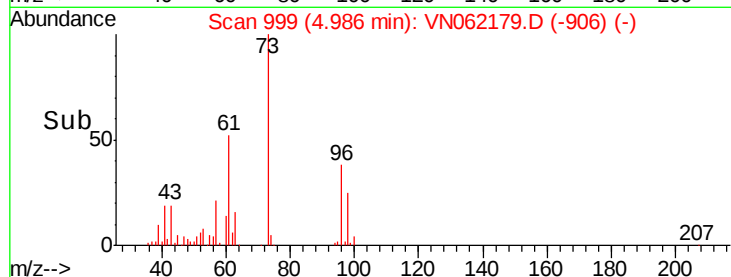
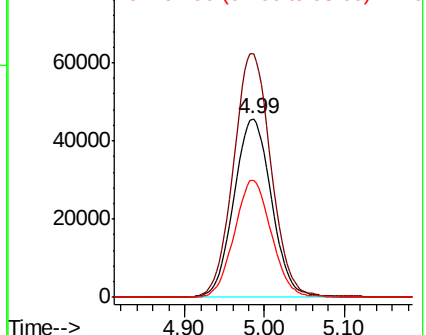


Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether

Concen: 56.527 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Tgt Ion: 45 Resp: 447524

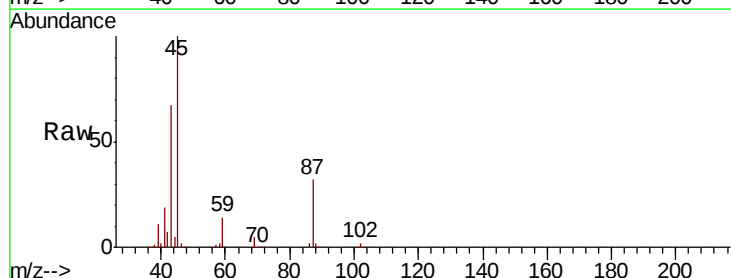
Ion Ratio Lower Upper

45 100

43 64.5 49.7 74.5

87 31.7 25.9 38.9

59 13.2 10.6 16.0



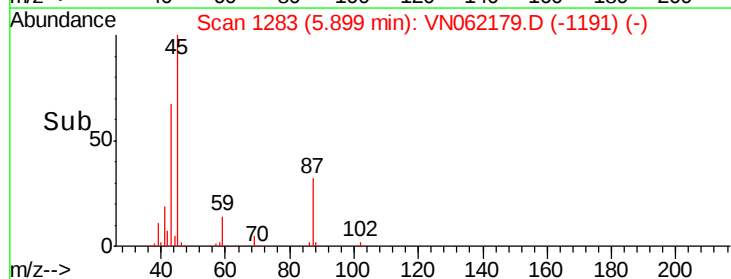
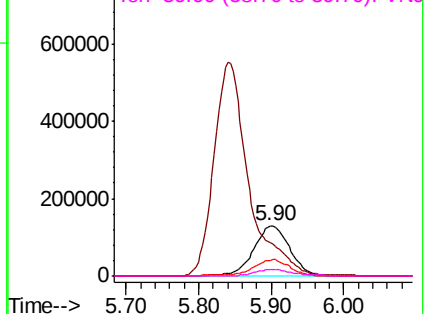
Abundance

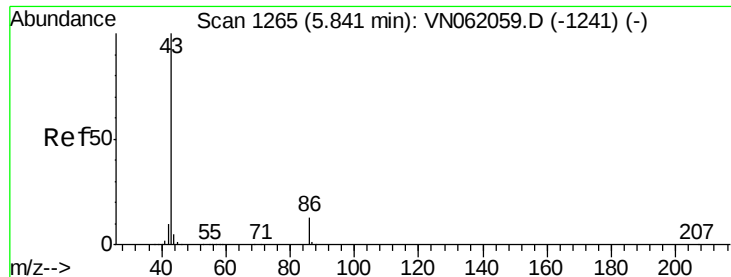
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 285.086 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

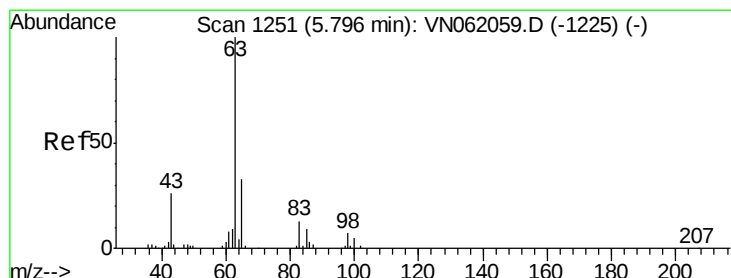
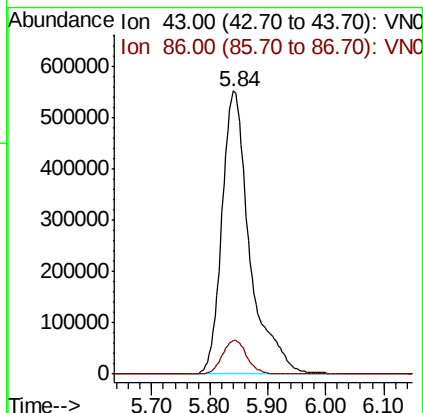
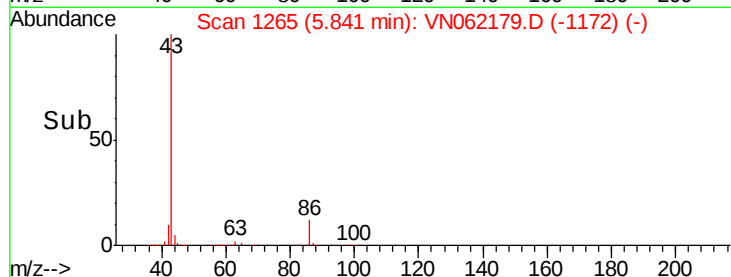
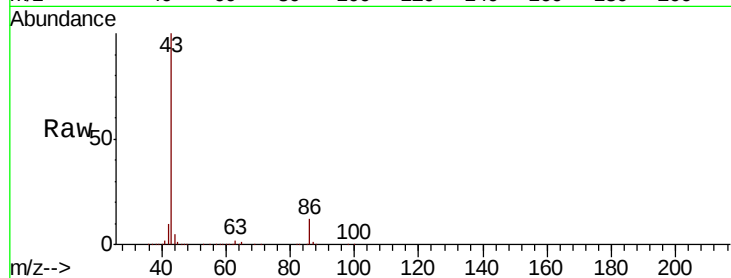
VSTDCCC050EC

Tot Ion: 43 Resp: 1842736

Ion Ratio Lower Upper

43 100

86 12.0 10.1 15.1



#24

1,1-Dichloroethane

Concen: 53.251 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

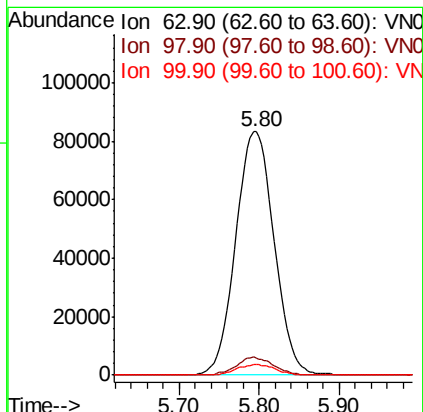
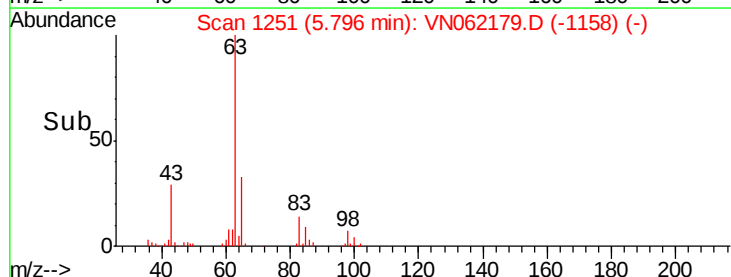
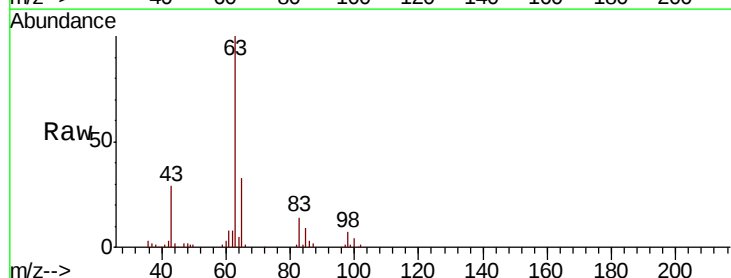
Tgt Ion: 63 Resp: 271477

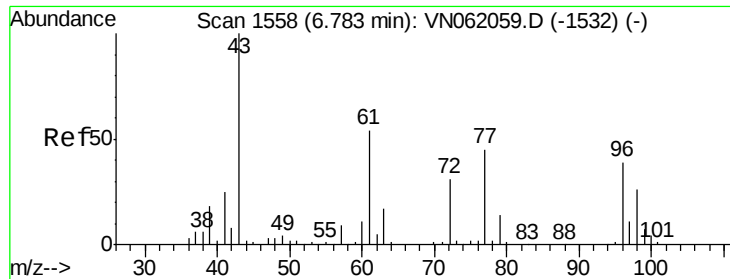
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

100 4.3 2.4 7.1





#25

2-Butanone

Concen: 269.484 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

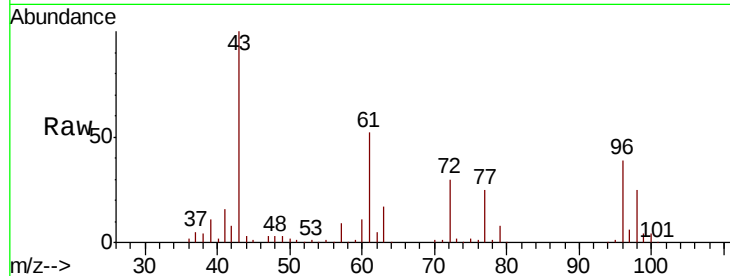
VSTDCCC050EC

Tot Ion: 43 Resp: 411134

Ion Ratio Lower Upper

43 100

72 29.8 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1532) (-)

Ion 72.00 (71.70 to 72.70): VN062059.D (-1532) (-)

6.79

150000

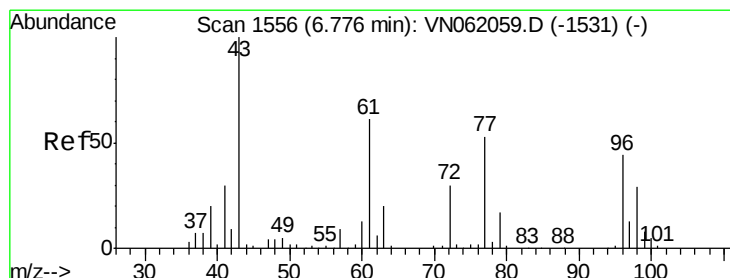
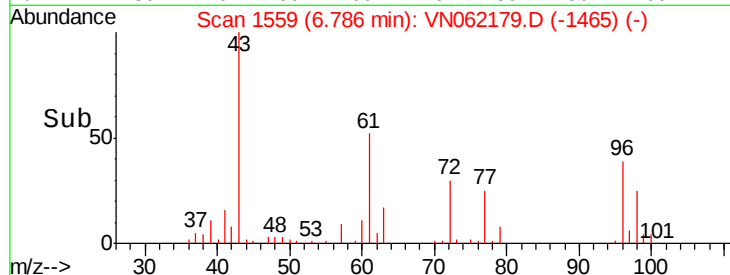
100000

50000

0

6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 32.522 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062179.D

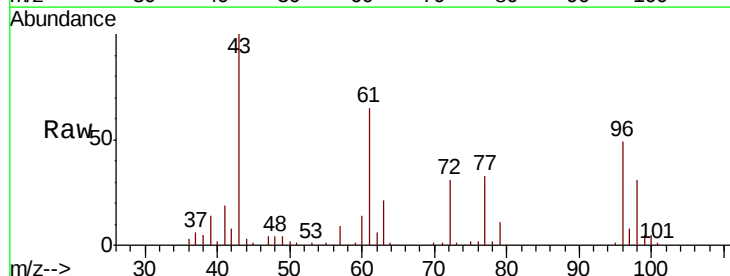
Acq: 27 Jun 2020 7:53

Tgt Ion: 77 Resp: 138165

Ion Ratio Lower Upper

77 100

97 24.6 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN062059.D (-1531) (-)

Ion 96.90 (96.60 to 97.60): VN062059.D (-1531) (-)

6.78

50000

40000

30000

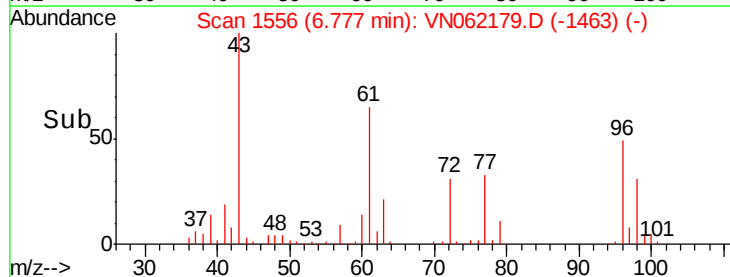
20000

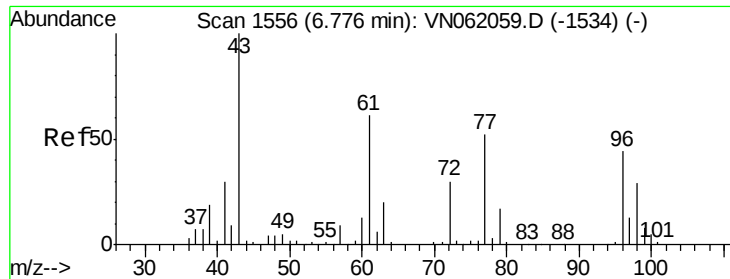
10000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 55.930 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

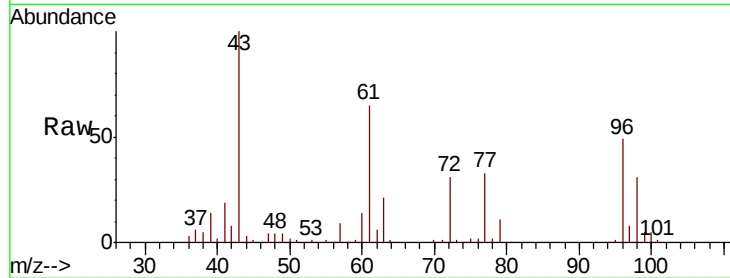
Tot Ion: 96 Resp: 183105

Ion Ratio Lower Upper

96 100

61 132.3 0.0 280.4

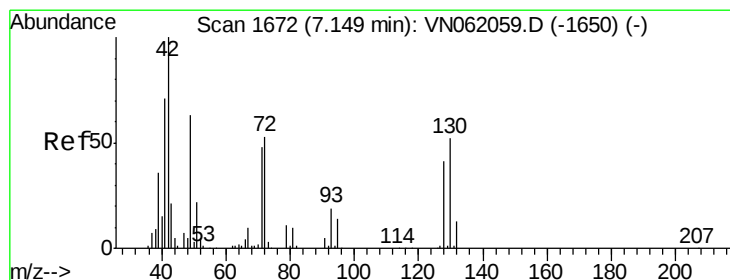
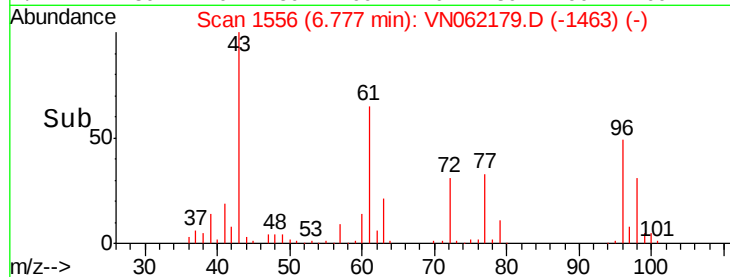
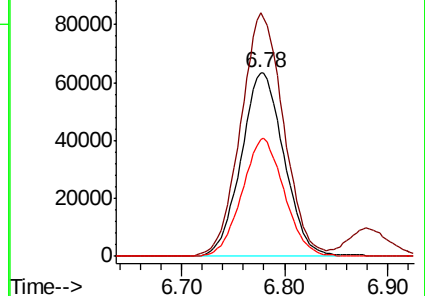
98 63.2 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-1534) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1534) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1534) (-)



#28

Bromochloromethane

Concen: 52.933 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

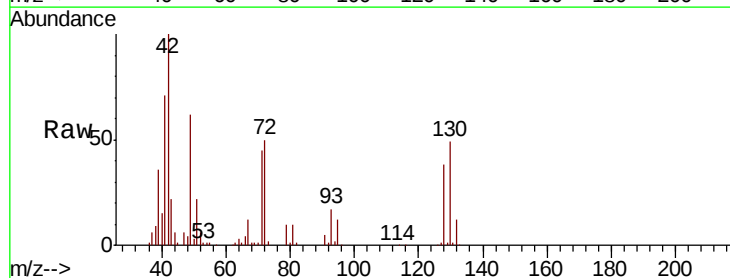
Tgt Ion: 49 Resp: 117086

Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.4

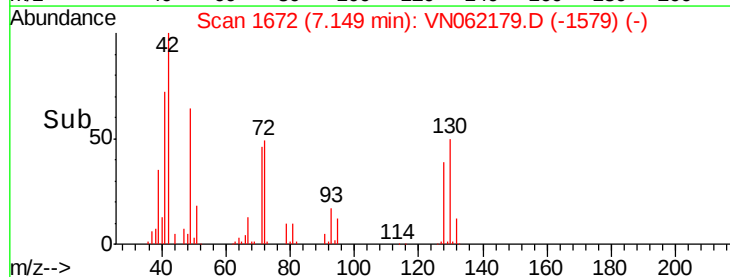
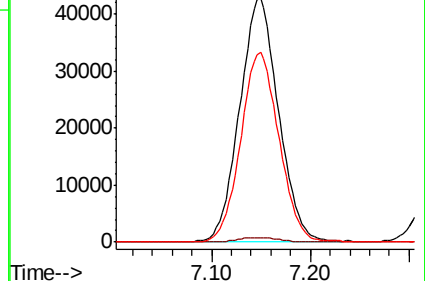
130 76.4 65.5 98.3



Abundance Ion 48.90 (48.60 to 49.60): VN062059.D (-1650) (-)

Ion 128.80 (128.50 to 129.50): VN062059.D (-1650) (-)

Ion 129.80 (129.50 to 130.50): VN062059.D (-1650) (-)

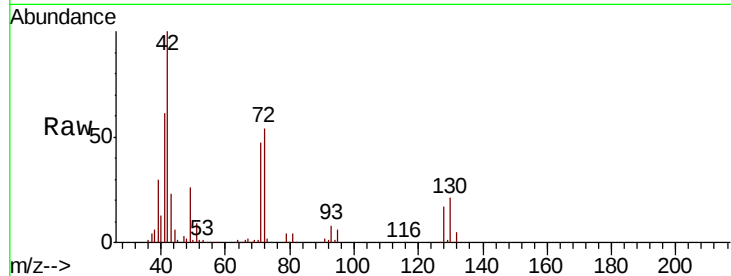




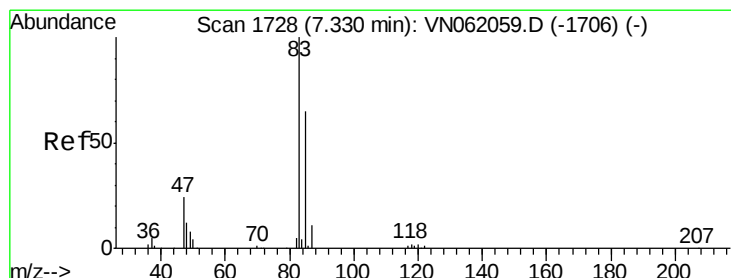
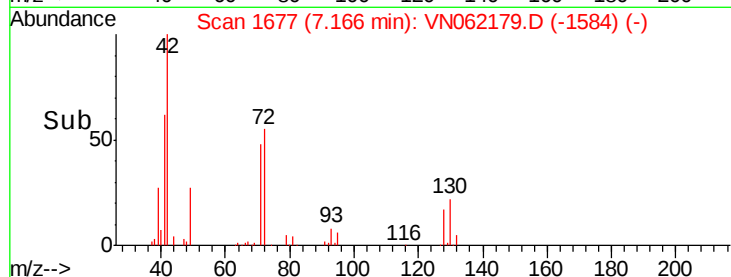
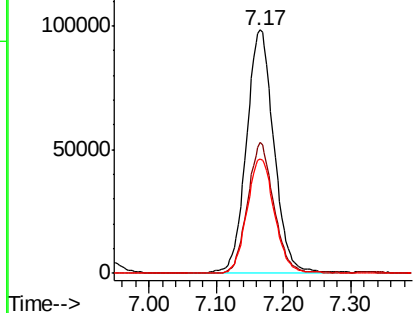
#29
Tetrahydrofuran
Concen: 279.740 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 279562
Ion Ratio Lower Upper
42 100
72 51.1 41.1 61.7
71 46.9 38.2 57.4

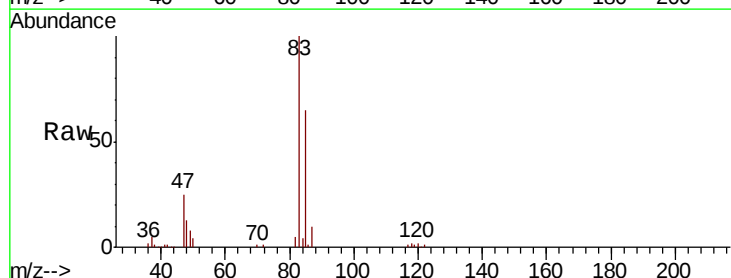


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

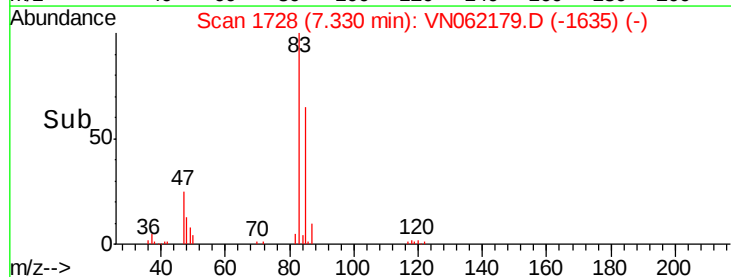
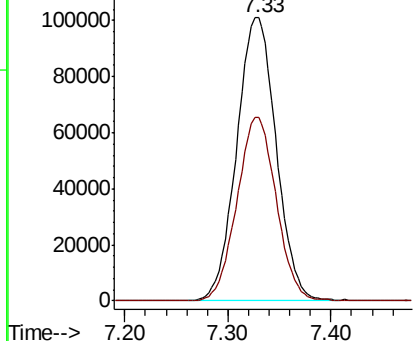


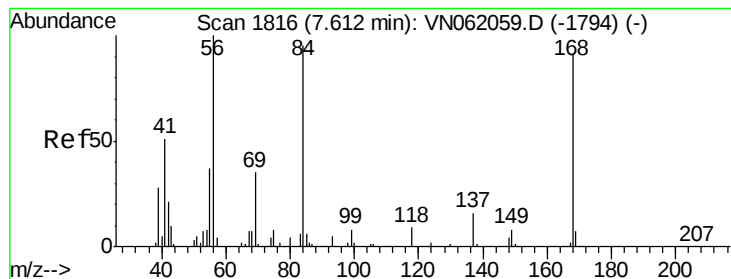
#30
Chloroform
Concen: 51.920 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion: 83 Resp: 269305
Ion Ratio Lower Upper
83 100
85 65.1 52.3 78.5



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





#31

Cyclohexane

Concen: 52.794 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

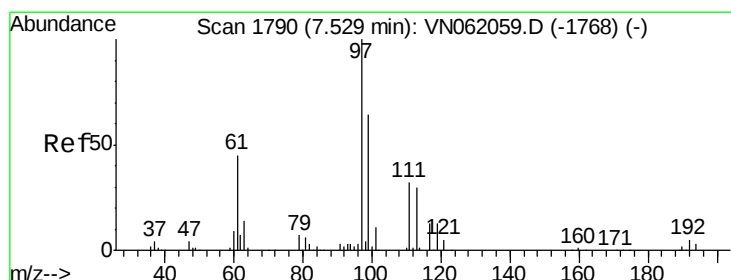
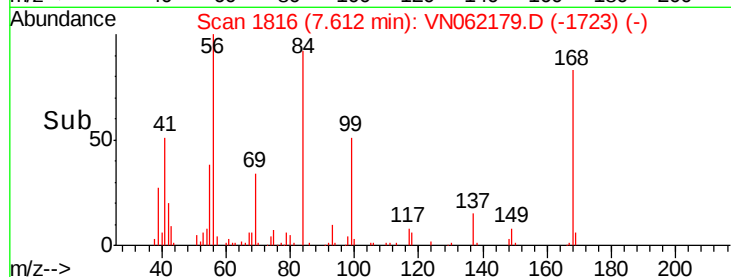
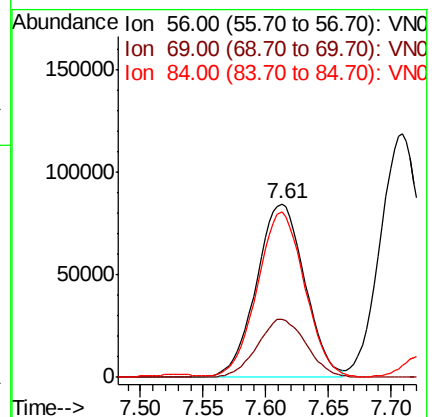
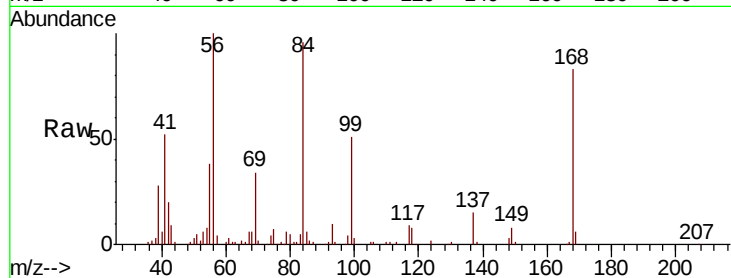
Tot Ion: 56 Resp: 227664

Ion Ratio Lower Upper

56 100

69 33.7 28.0 42.0

84 94.5 76.1 114.1



#32

1,1,1-Trichloroethane

Concen: 51.642 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

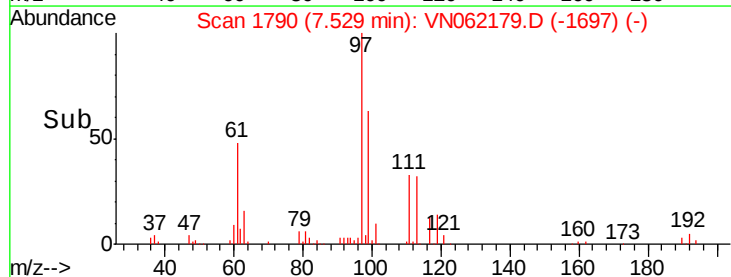
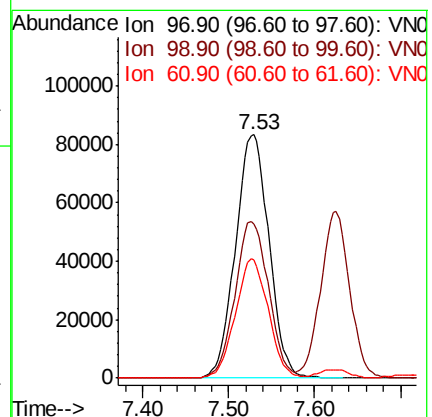
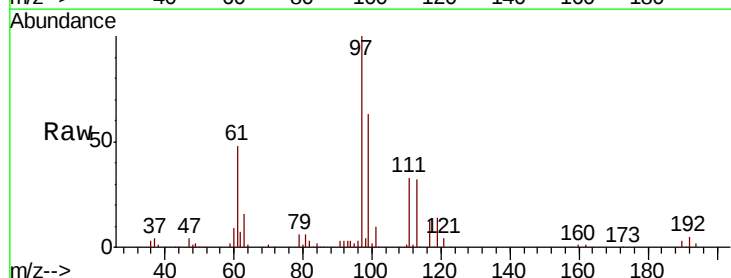
Tgt Ion: 97 Resp: 225894

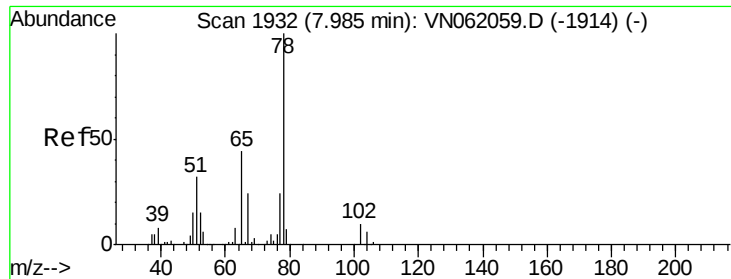
Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.4

61 47.9 36.2 54.2

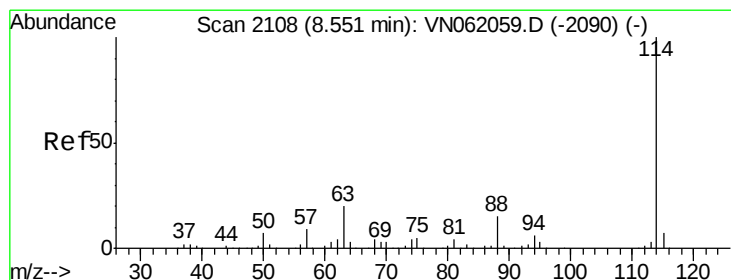
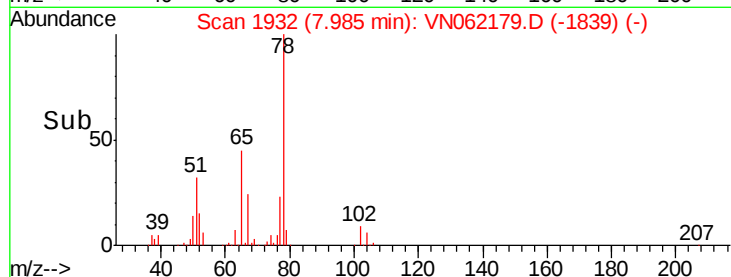
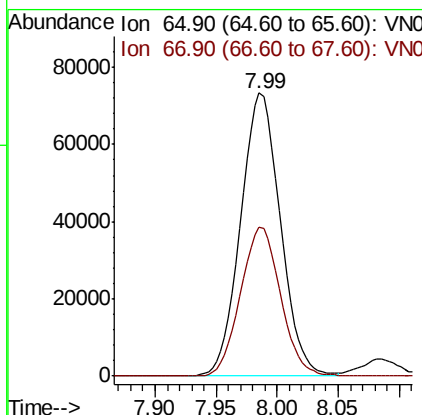
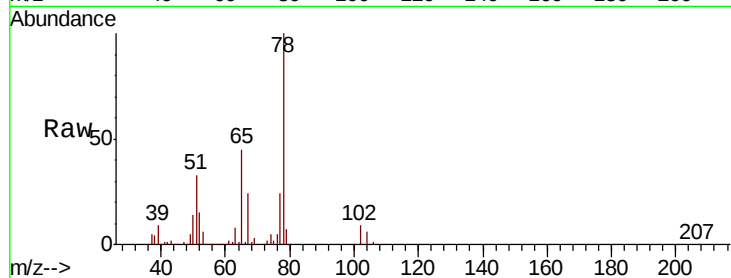




#33
 1,2-Dichloroethane-d4
 Concen: 52.947 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

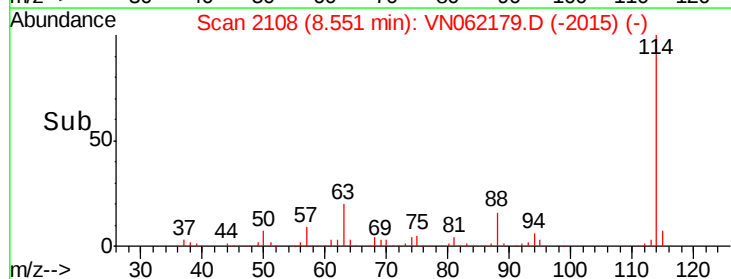
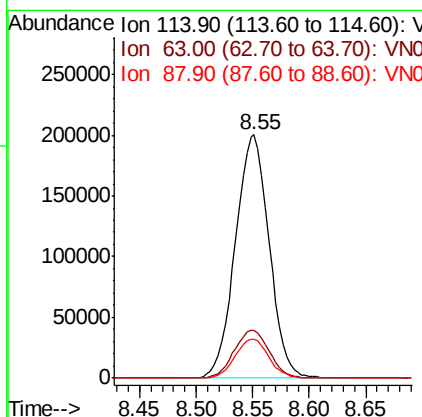
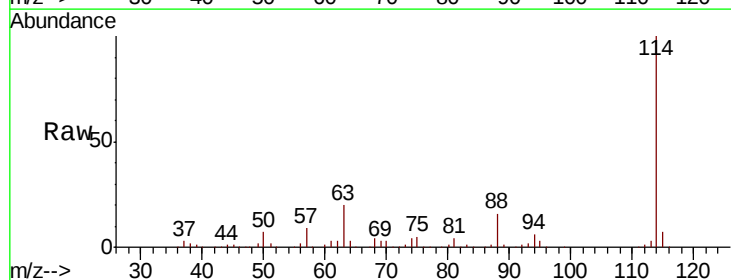
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 165262
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion: 114 Resp: 417396
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.2
 88 16.1 0.0 30.8

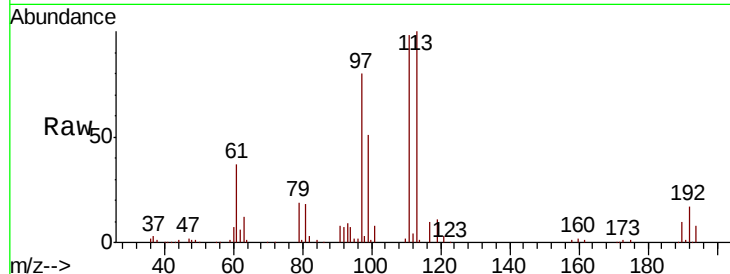




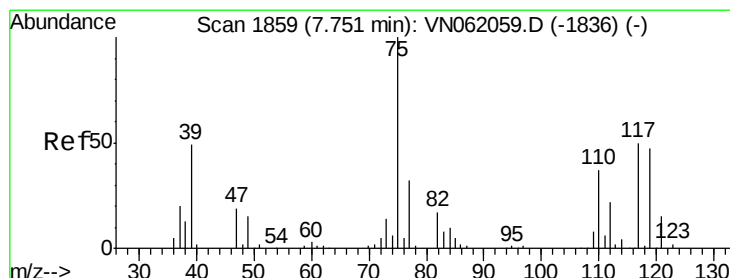
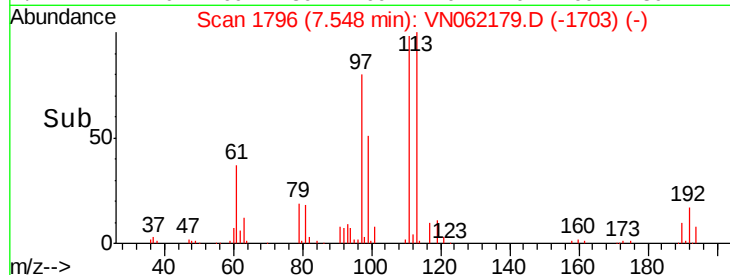
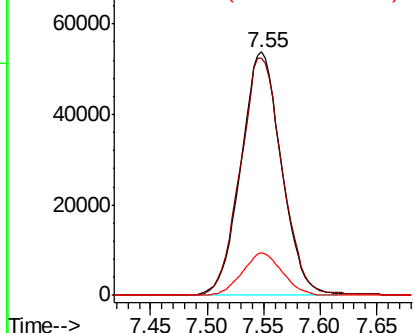
#35
 Dibromofluoromethane
 Concen: 49.937 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 133721
 Ion Ratio Lower Upper
 113 100
 111 100.4 82.2 123.4
 192 17.2 14.0 21.0

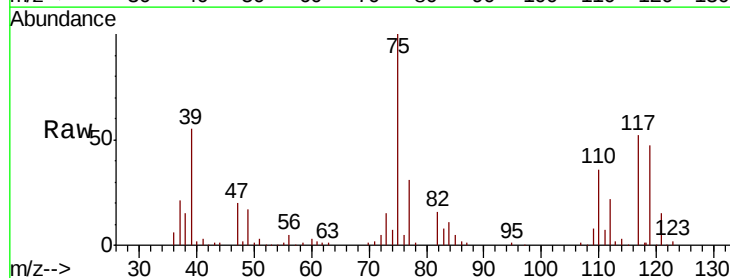


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

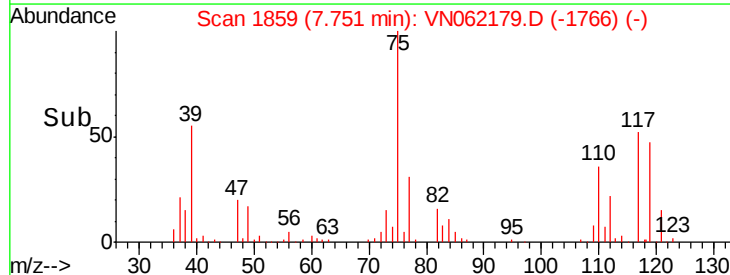
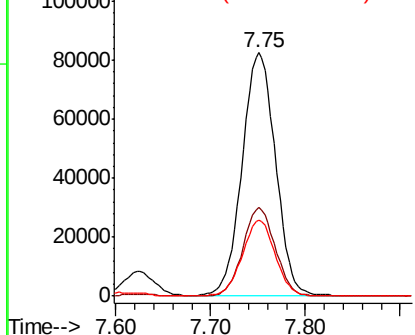


#36
 1,1-Dichloropropene
 Concen: 48.170 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion: 75 Resp: 202094
 Ion Ratio Lower Upper
 75 100
 110 35.2 17.9 53.8
 77 30.9 24.9 37.3



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

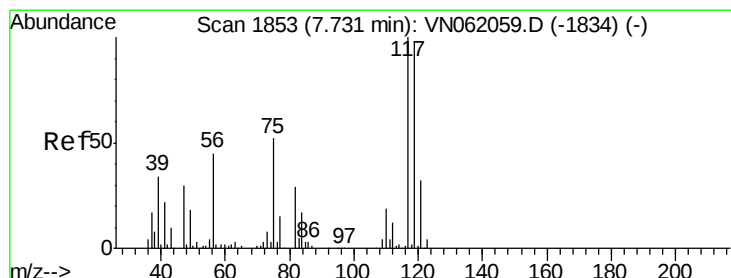
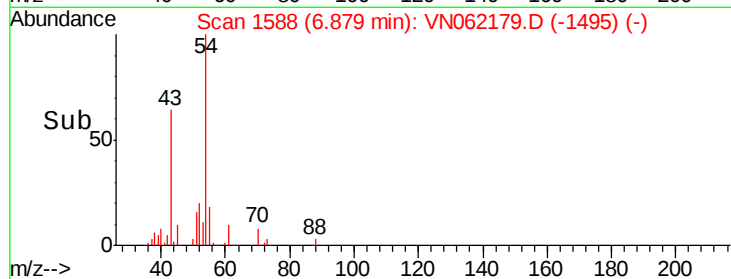
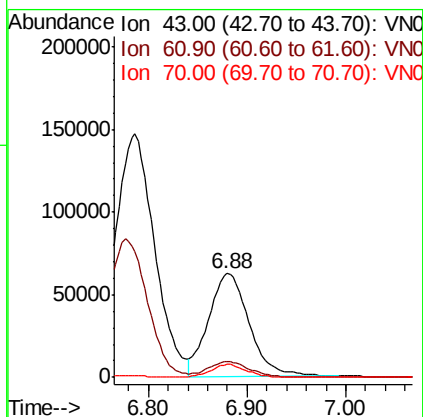
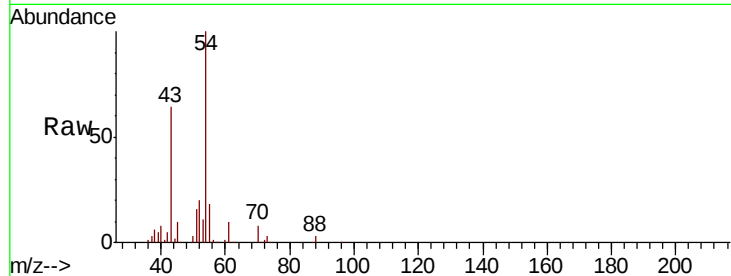




#37
Ethyl Acetate
Concen: 51.968 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

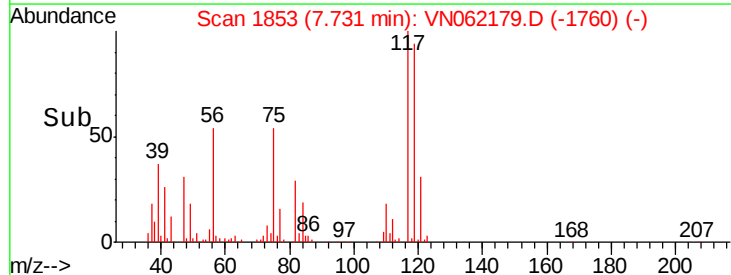
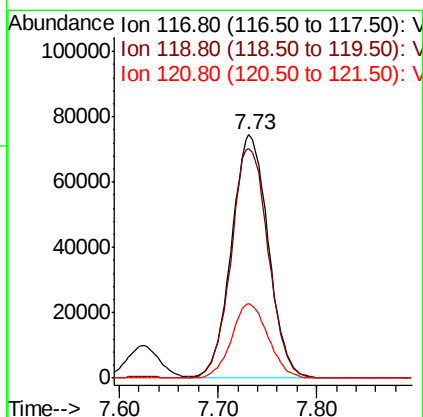
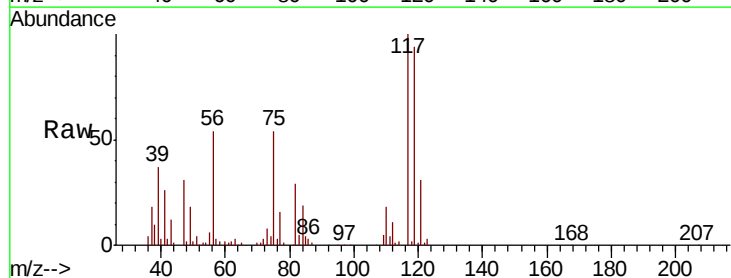
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

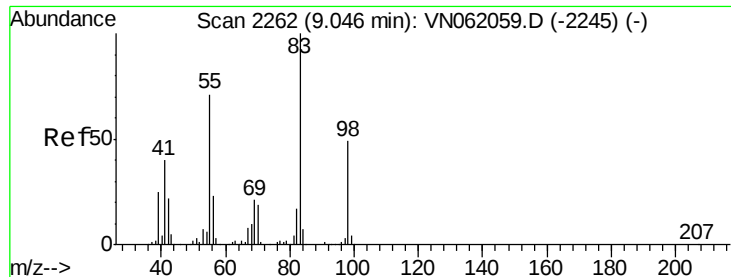
Tot Ion: 43 Resp: 180541
Ion Ratio Lower Upper
43 100
61 15.0 12.0 18.0
70 11.1 9.6 14.4



#38
Carbon Tetrachloride
Concen: 48.787 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion: 117 Resp: 192971
Ion Ratio Lower Upper
117 100
119 94.2 78.2 117.2
121 30.5 25.8 38.6

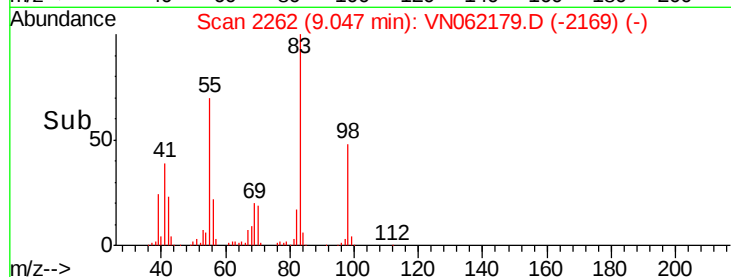
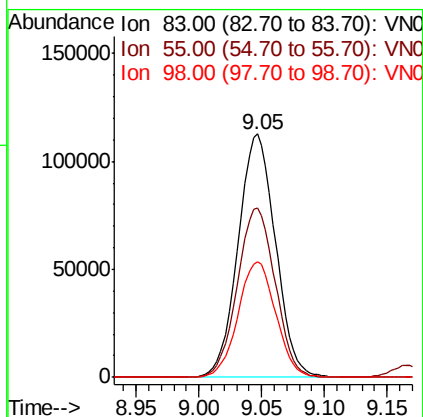
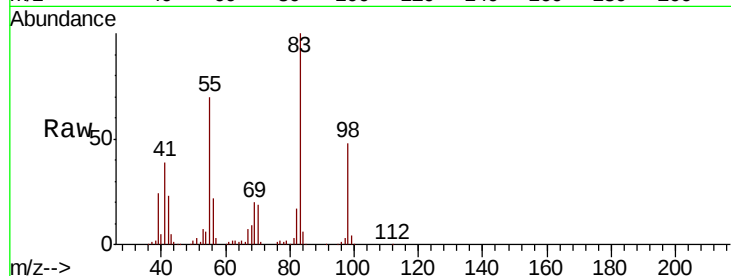




#39
Methvlcvclohexane
Concen: 50.921 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

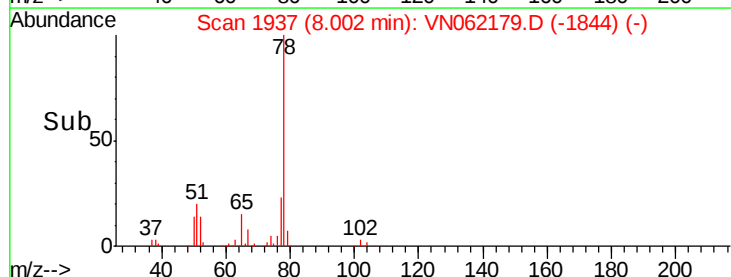
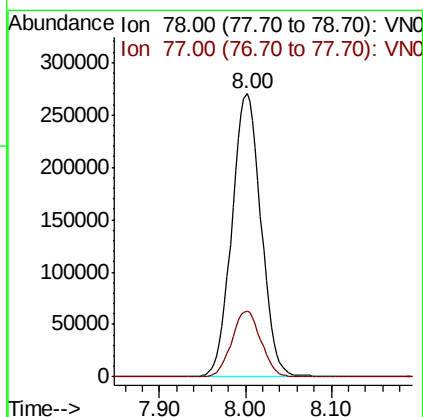
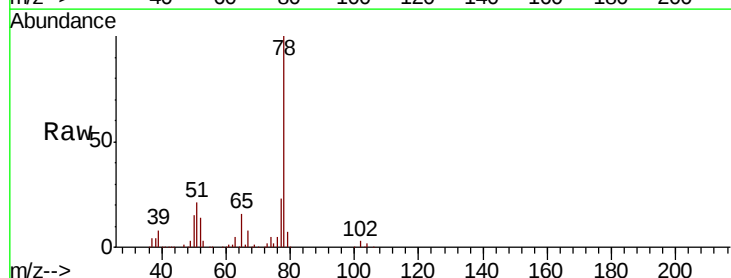
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

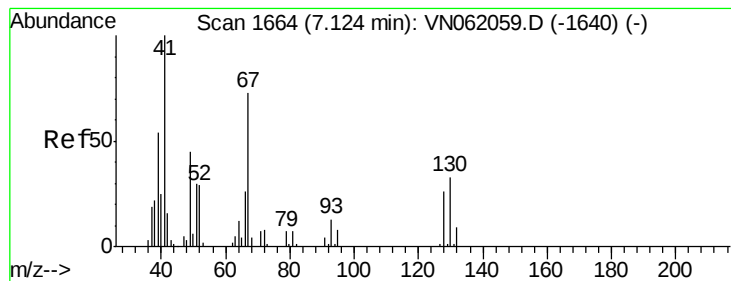
Tot Ion	83	Resp	234080
Ion Ratio	Lower	Upper	
83	100		
55	69.7	57.0	85.6
98	47.7	39.0	58.6



#40
Benzene
Concen: 49.750 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion	78	Resp	636174
Ion Ratio	Lower	Upper	
78	100		
77	23.2	19.5	29.3

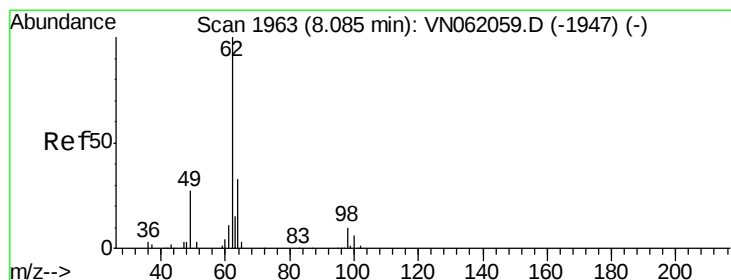
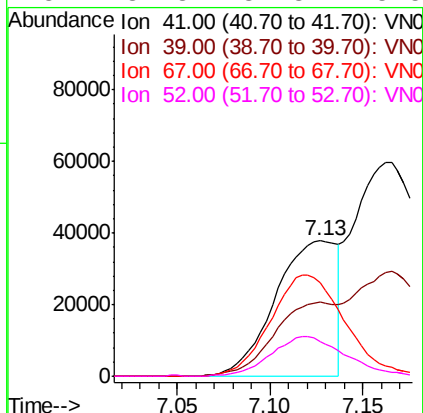
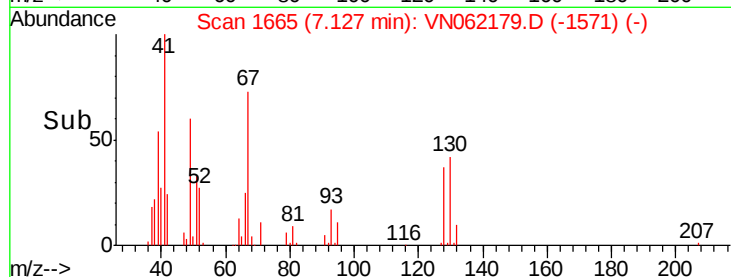
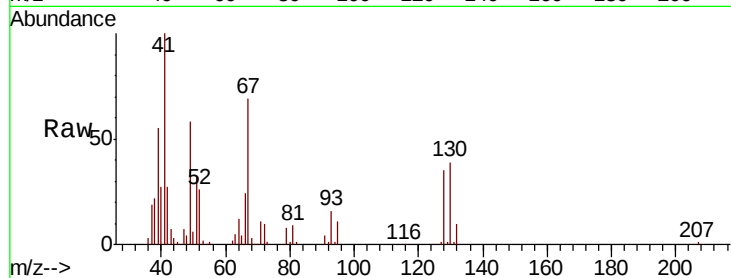




#41
Methacrylonitrile
Concen: 54.436 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

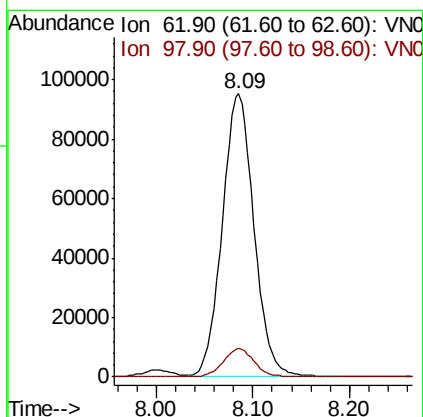
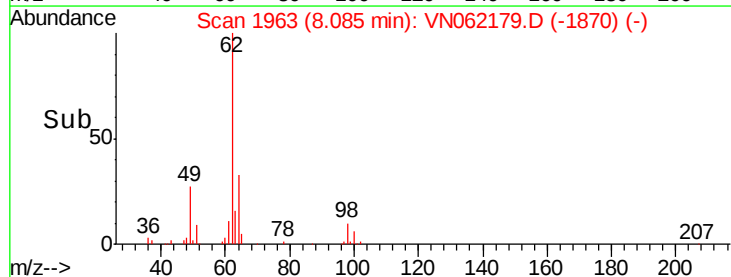
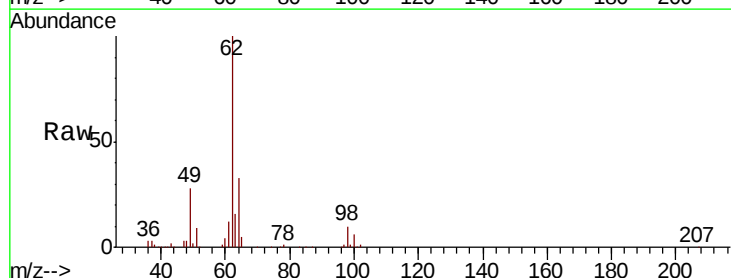
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

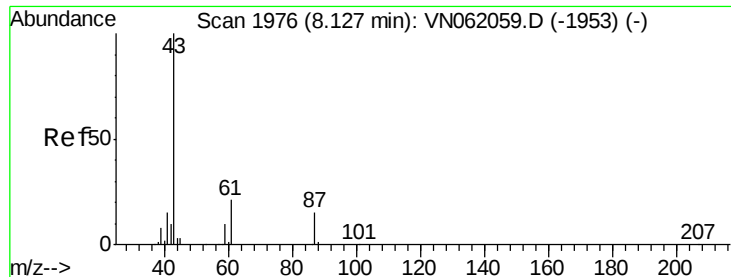
Tot Ion: 41 Resp: 87675
Ion Ratio Lower Upper
41 100
39 55.0 44.2 66.2
67 90.1 79.5 119.3
52 34.3 32.3 48.5



#42
1,2-Dichloroethane
Concen: 50.310 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion: 62 Resp: 217362
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.8





#43

Isopropyl Acetate

Concen: 53.442 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

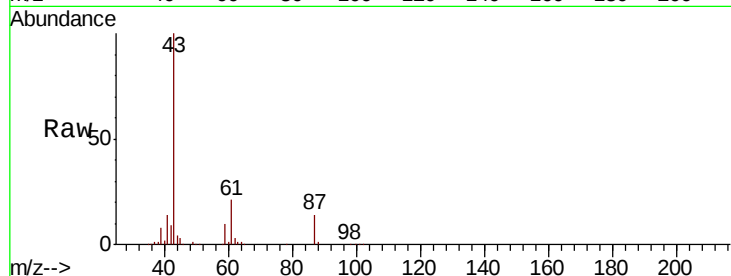
Tot Ion: 43 Resp: 302658

Ion Ratio Lower Upper

43 100

61 21.5 17.2 25.8

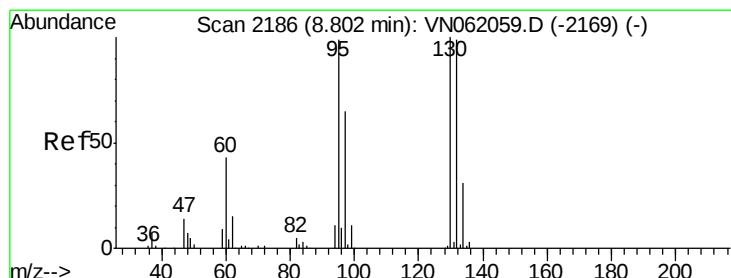
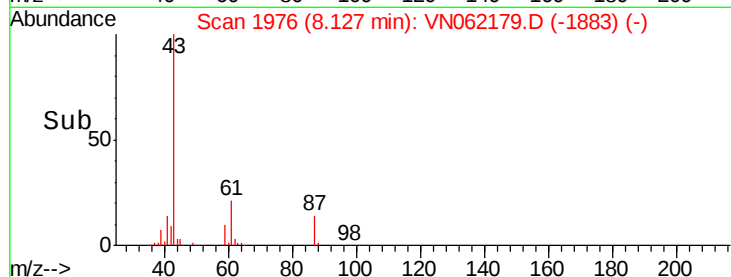
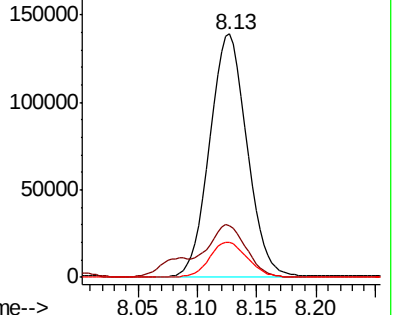
87 14.8 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)



#44

Trichloroethene

Concen: 73.005 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062179.D

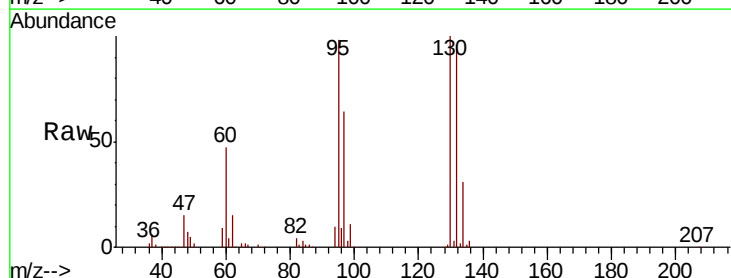
Acq: 27 Jun 2020 7:53

Tgt Ion:130 Resp: 235493

Ion Ratio Lower Upper

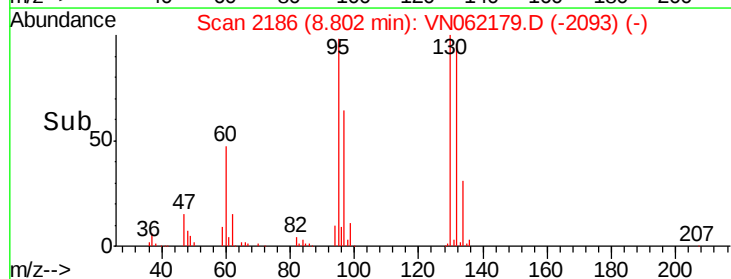
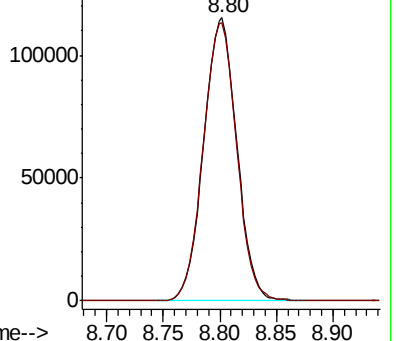
130 100

95 98.3 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)





#45

1,2-Dichloropropane

Concen: 51.605 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

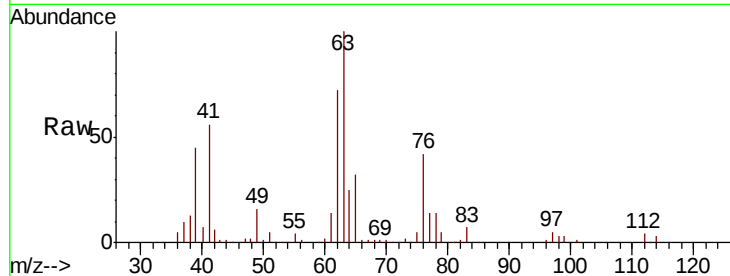
VSTDCCC050EC

Tot Ion: 63 Resp: 162801

Ion Ratio Lower Upper

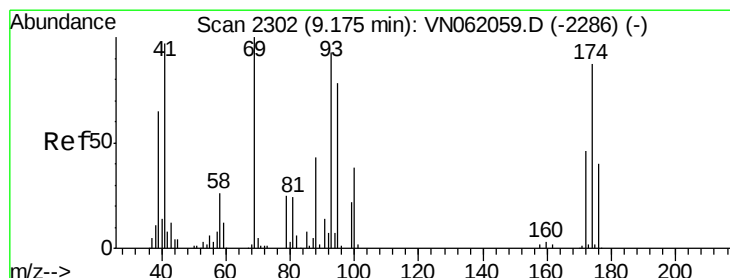
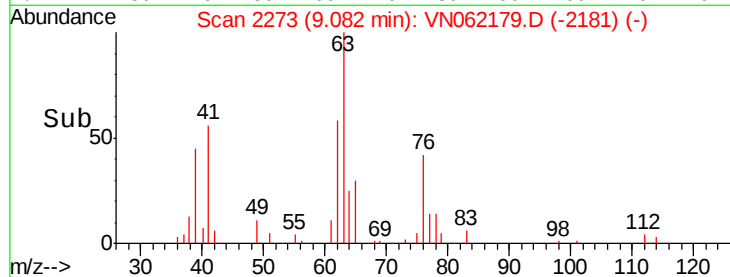
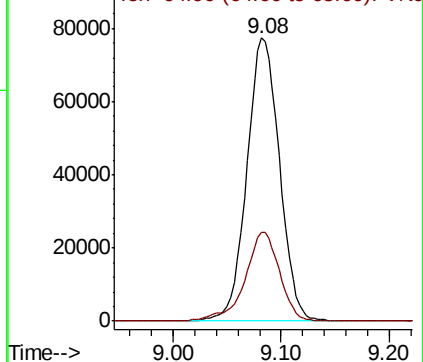
63 100

65 31.6 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 50.139 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

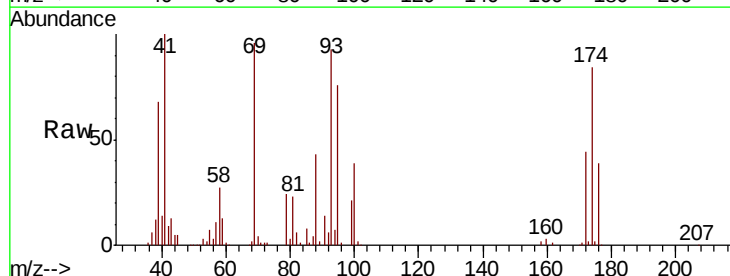
Tgt Ion: 93 Resp: 107244

Ion Ratio Lower Upper

93 100

95 82.7 67.0 100.6

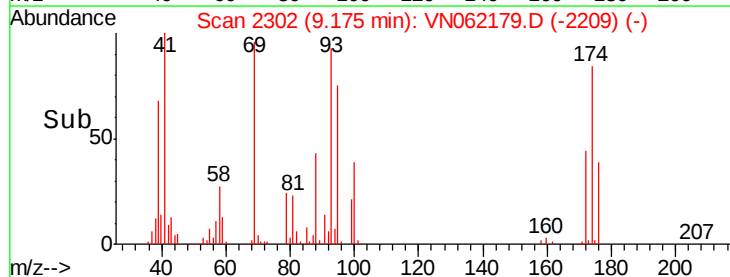
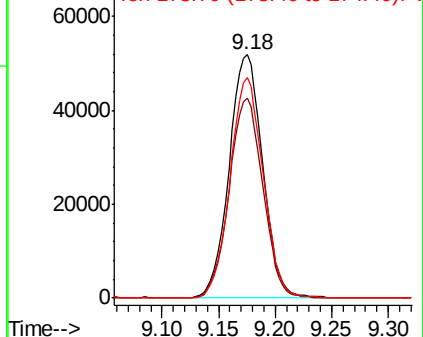
174 89.2 74.4 111.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

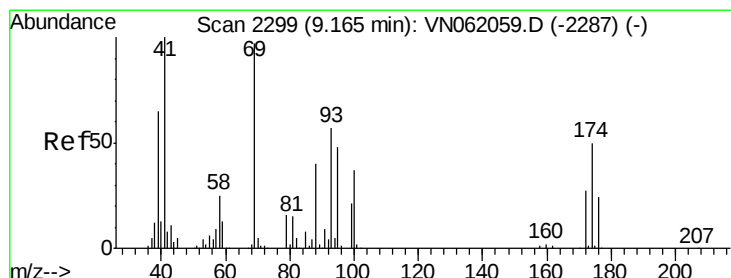
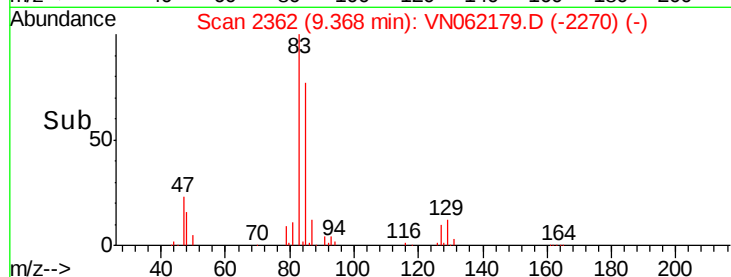
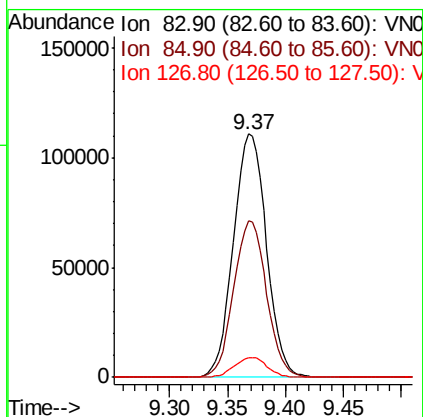
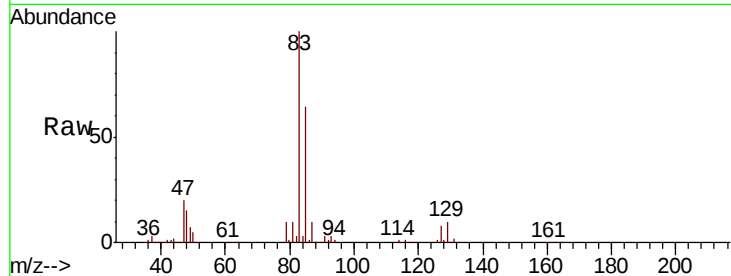




#47
Bromodichloromethane
Concen: 50.920 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

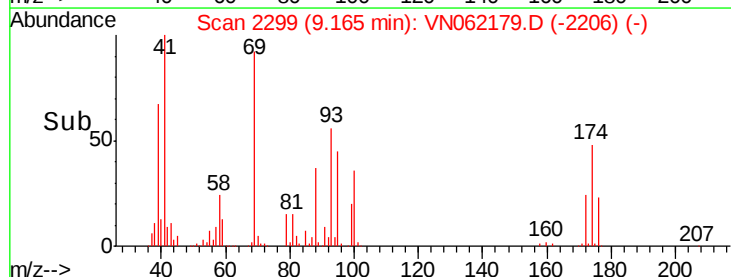
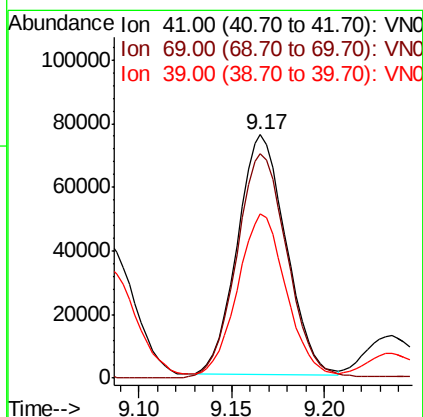
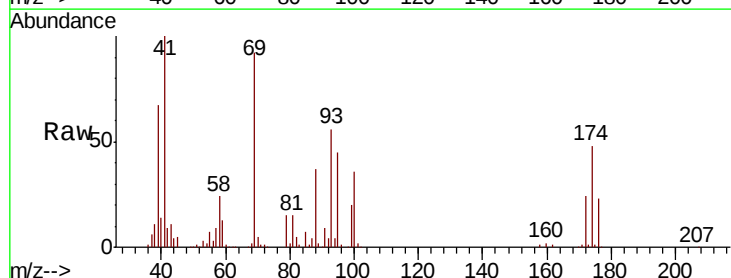
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

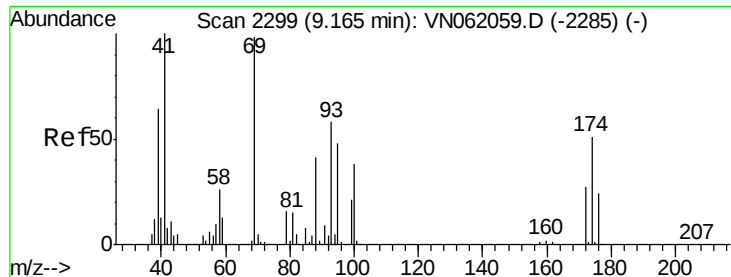
Tot Ion: 83 Resp: 219914
Ion Ratio Lower Upper
83 100
85 64.1 50.3 75.5
127 7.9 6.9 10.3



#48
Methyl methacrylate
Concen: 54.256 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion: 41 Resp: 137771
Ion Ratio Lower Upper
41 100
69 98.5 80.7 121.1
39 68.5 54.5 81.7

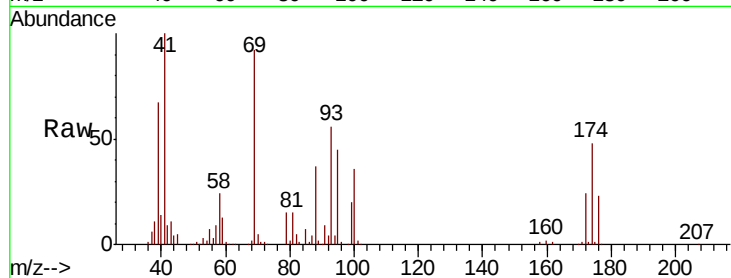




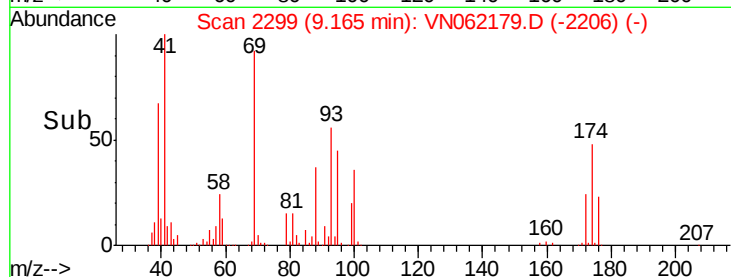
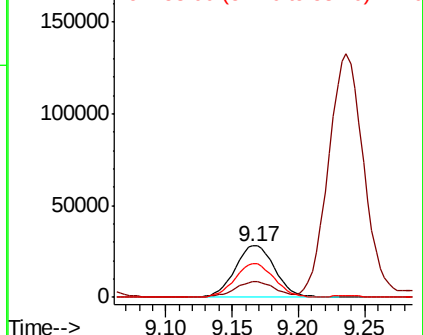
#49
1,4-Dioxane
Concen: 1043.646 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 58769
Ion Ratio Lower Upper
88 100
43 29.1 22.0 33.0
58 64.9 49.2 73.8

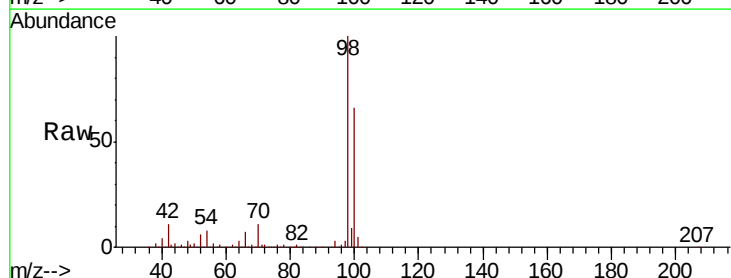


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

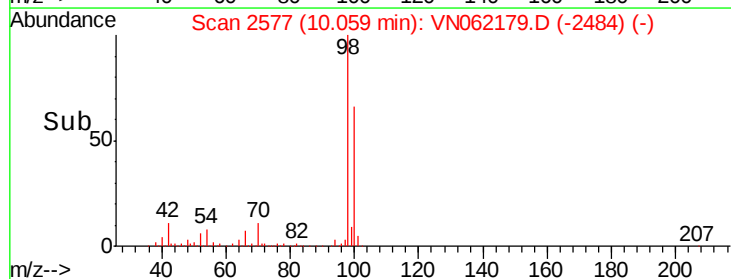
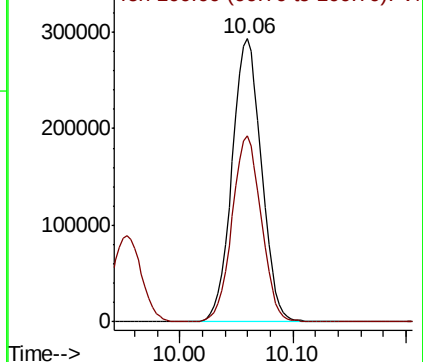


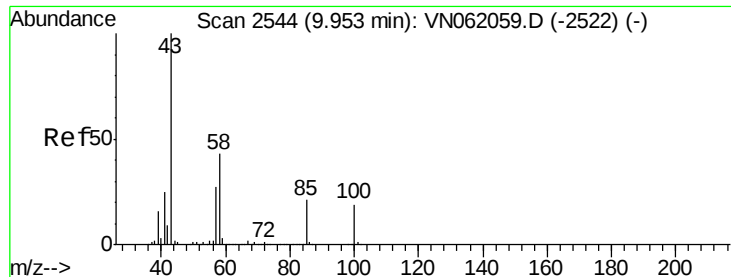
#50
Toluene-d8
Concen: 49.626 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion: 98 Resp: 531202
Ion Ratio Lower Upper
98 100
100 65.4 51.2 76.8



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: 275.300 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

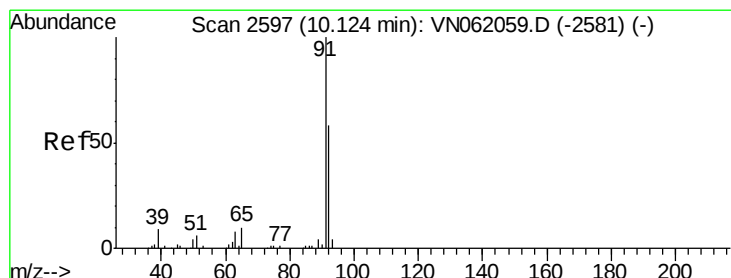
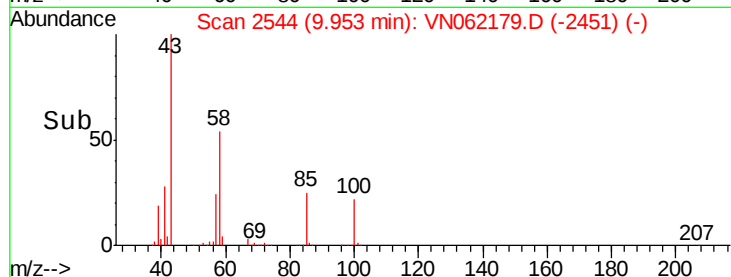
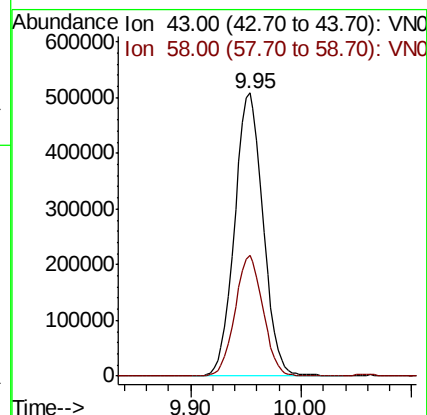
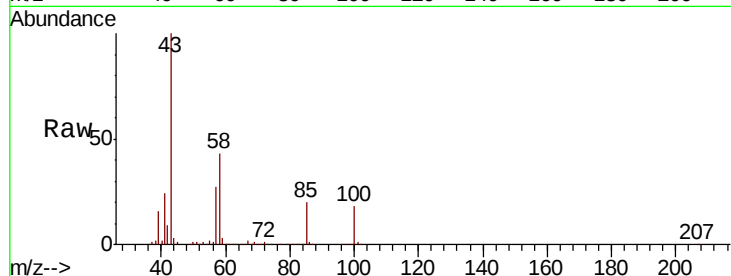
VSTDCCC050EC

Tot Ion: 43 Resp: 910917

Ion Ratio Lower Upper

43 100

58 41.9 34.2 51.2



#52

Toluene

Concen: 51.194 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN062179.D

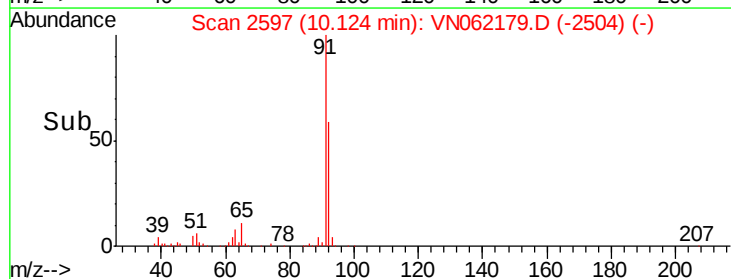
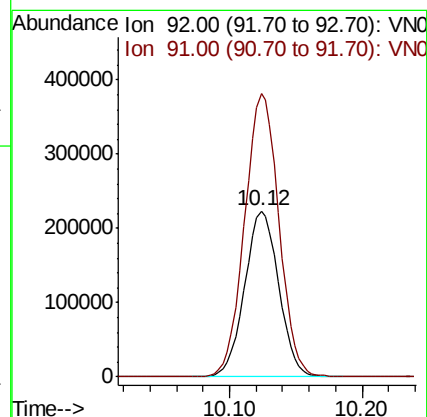
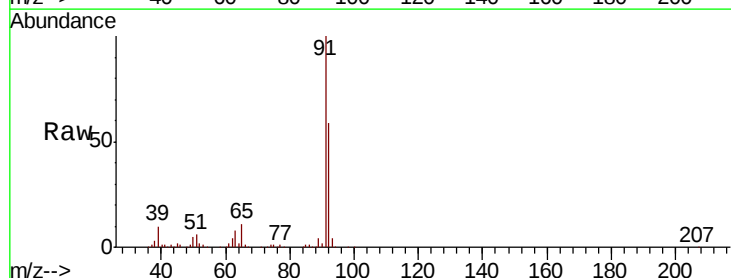
Acq: 27 Jun 2020 7:53

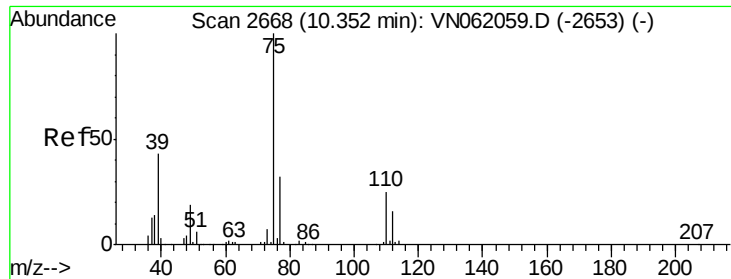
Tgt Ion: 92 Resp: 399431

Ion Ratio Lower Upper

92 100

91 172.2 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 48.287 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

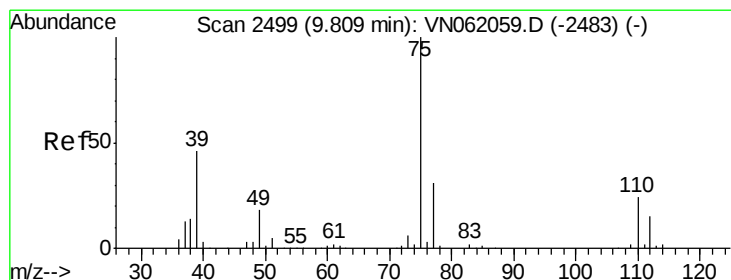
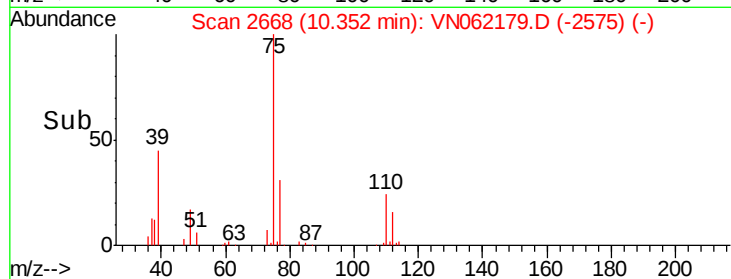
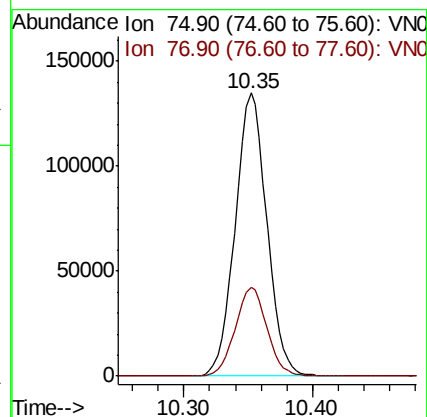
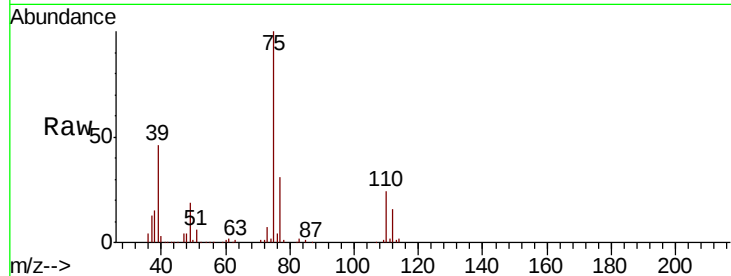
VSTDCCC050EC

Tot Ion: 75 Resp: 229435

Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 49.581 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

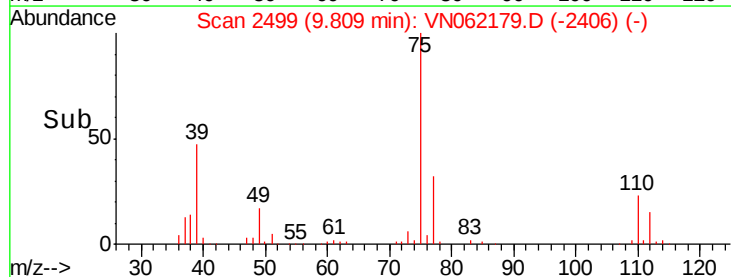
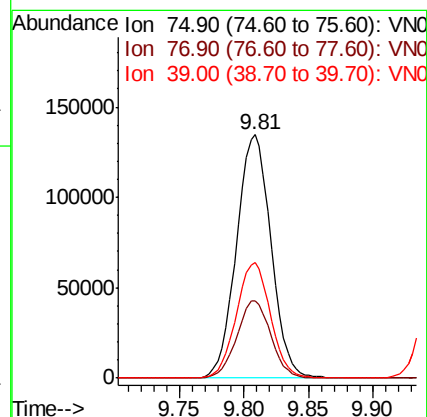
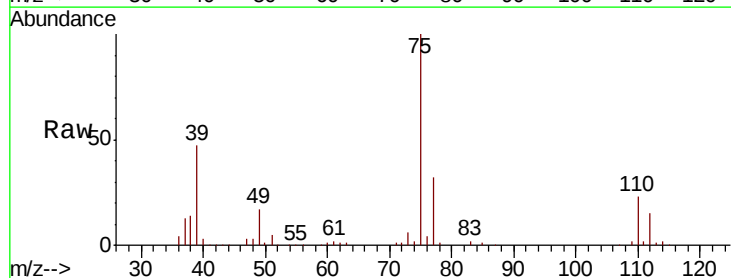
Tgt Ion: 75 Resp: 250811

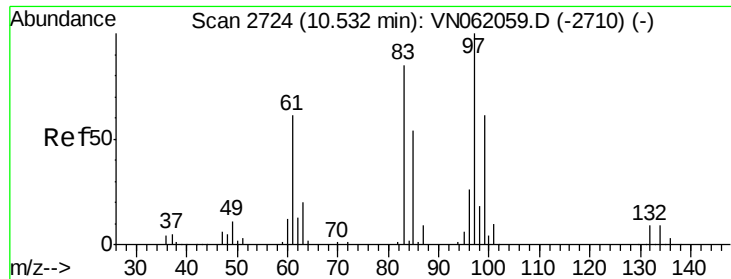
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6

39 47.4 36.9 55.3

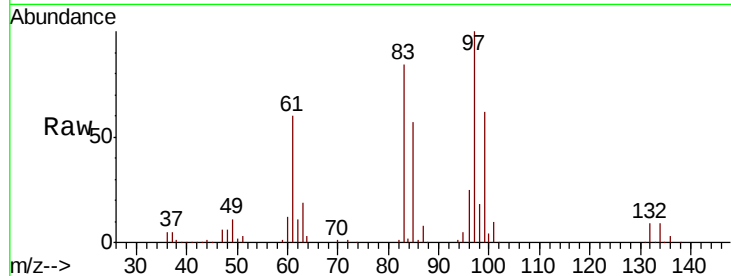




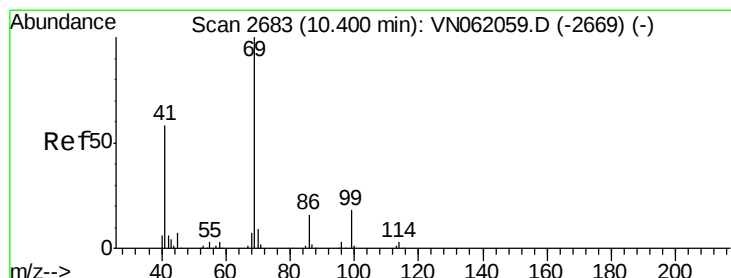
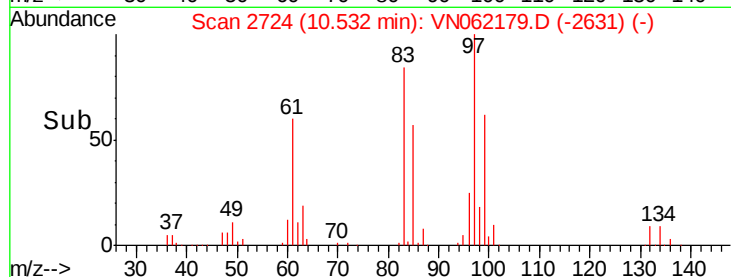
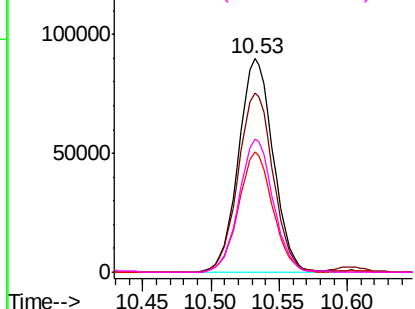
#55
 1,1,2-Trichloroethane
 Concen: 51.822 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	158941
Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.2	102.2
85	56.5	43.2	64.8
99	62.2	48.5	72.7

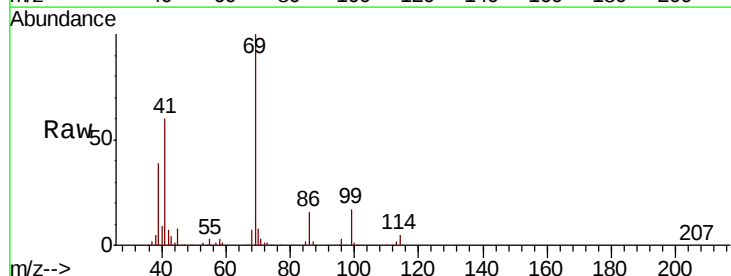


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

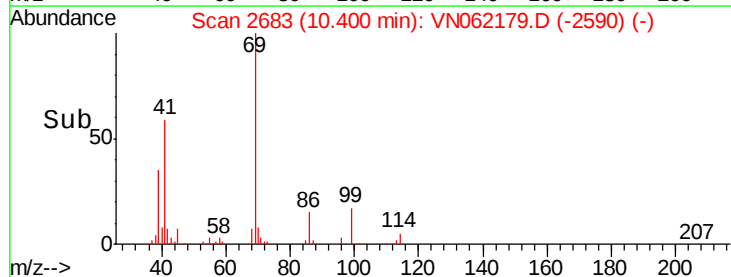
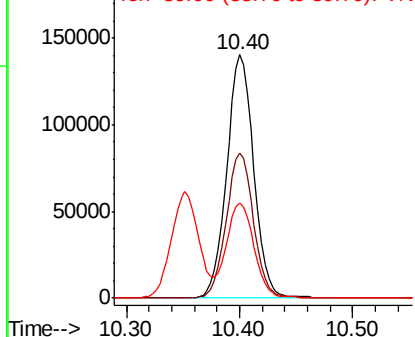


#56
 Ethyl methacrylate
 Concen: 56.823 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion:	69	Resp:	232581
Ion	Ratio	Lower	Upper
69	100		
41	59.7	46.6	70.0
39	39.7	31.0	46.4



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

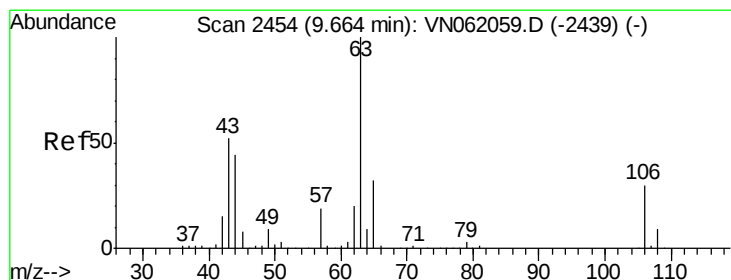
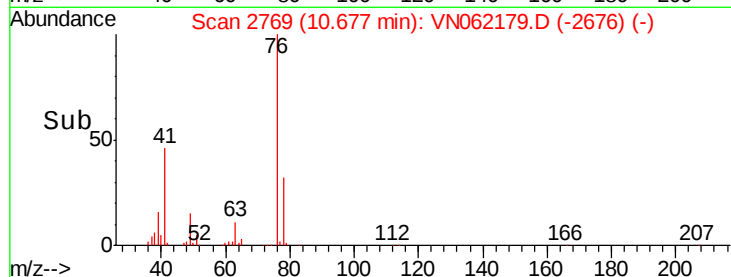
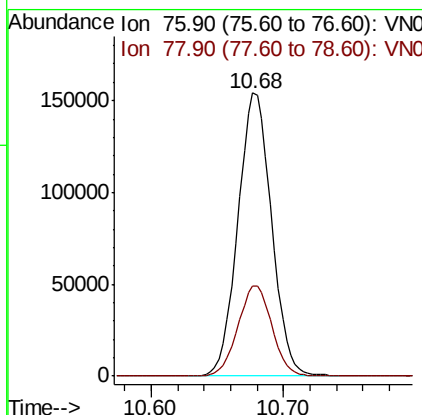
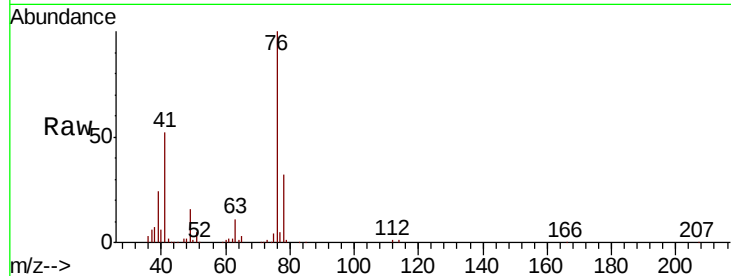




#57
 1,3-Dichloropropane
 Concen: 51.499 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

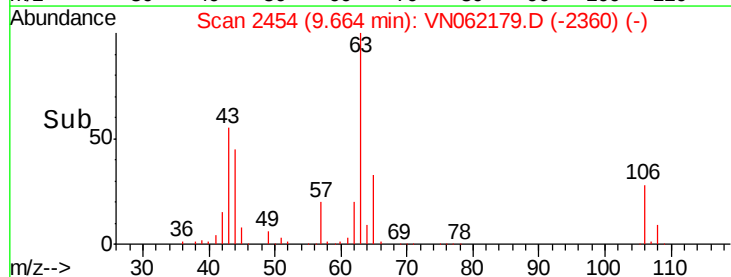
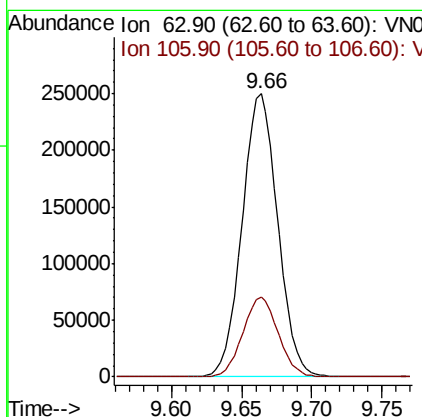
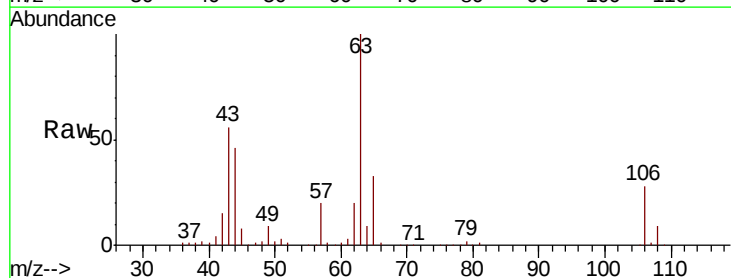
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

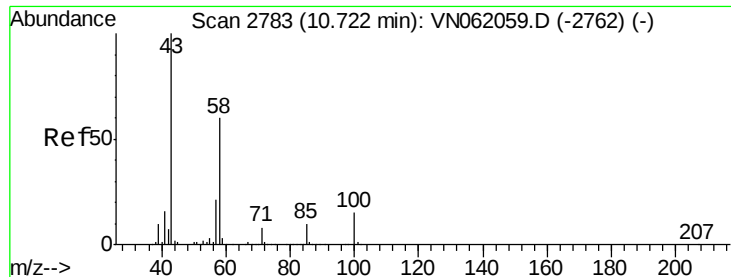
Tot Ion: 76 Resp: 271868
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.898 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion: 63 Resp: 442923
 Ion Ratio Lower Upper
 63 100
 106 28.0 23.2 34.8

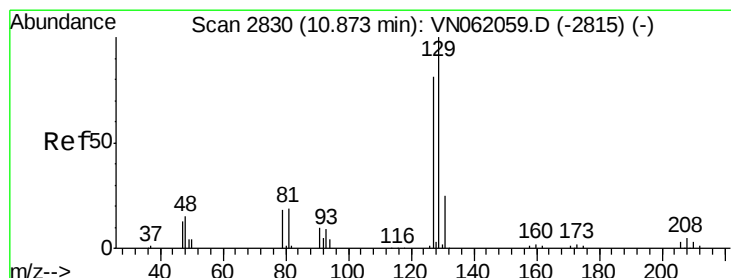
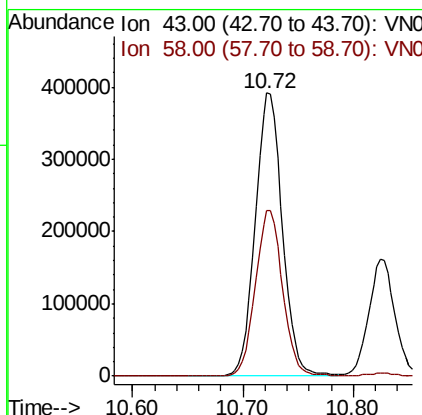
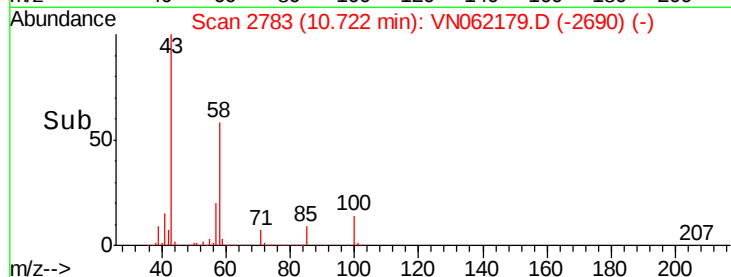
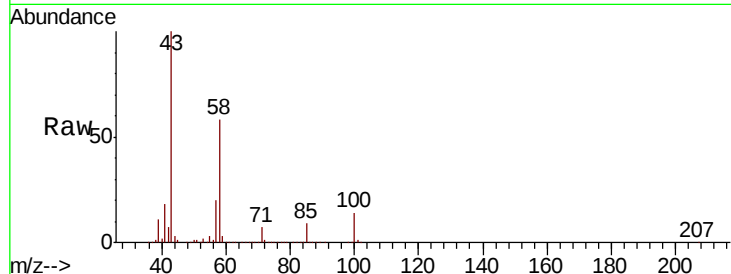




#59
2-Hexanone
Concen: 278.657 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

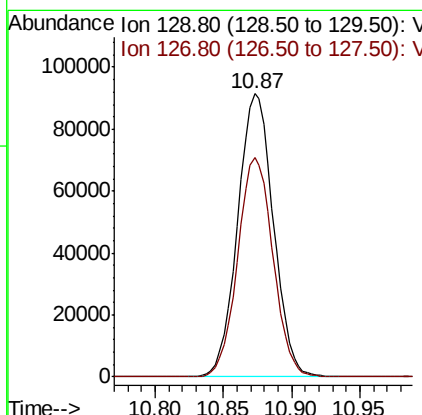
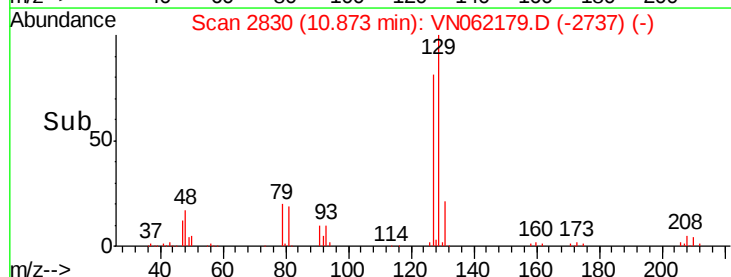
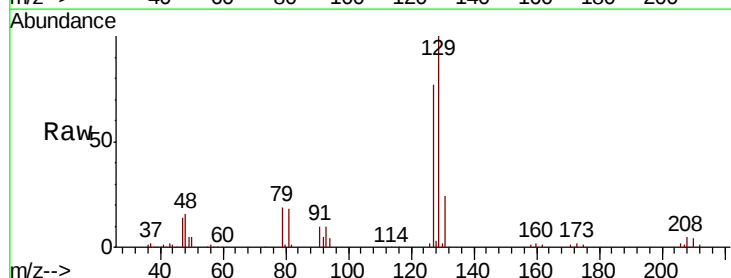
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

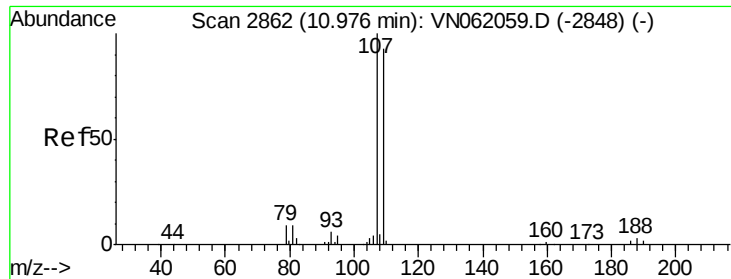
Tot Ion: 43 Resp: 665792
Ion Ratio Lower Upper
43 100
58 59.0 29.5 88.5



#60
Dibromochloromethane
Concen: 51.140 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion: 129 Resp: 166059
Ion Ratio Lower Upper
129 100
127 76.9 39.5 118.5

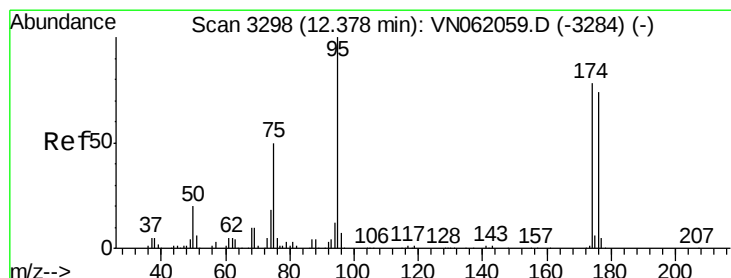
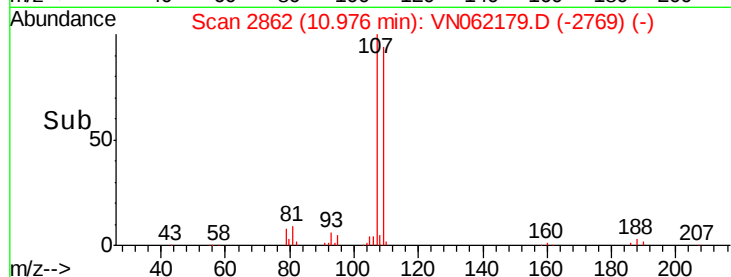
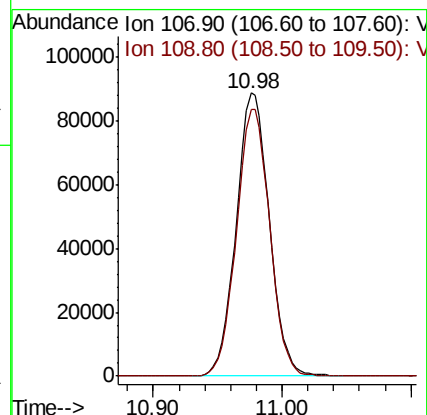
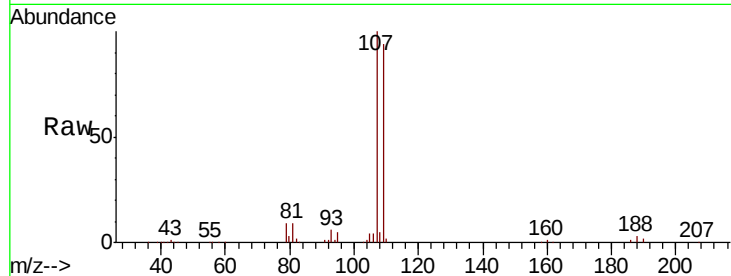




#61
 1,2-Dibromoethane
 Concen: 50.264 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

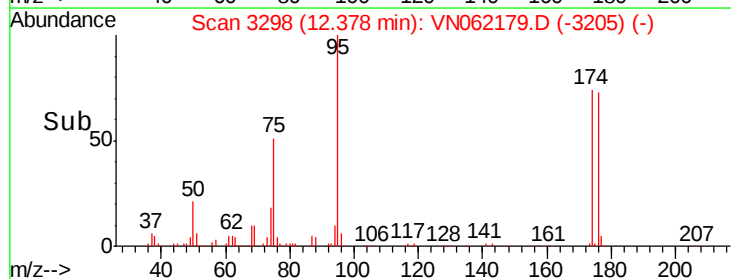
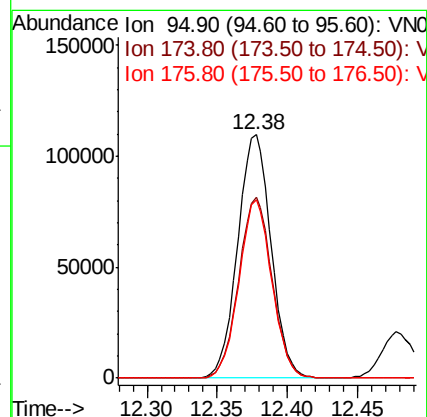
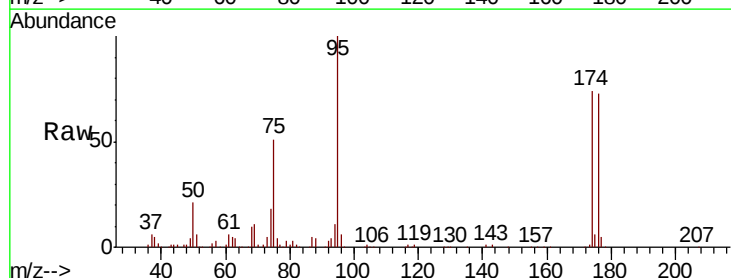
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

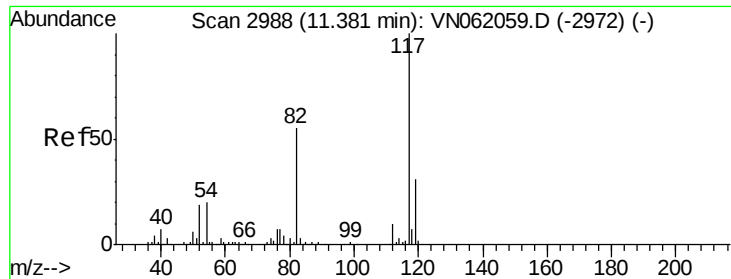
Tot Ion: 107 Resp: 158404
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.368 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion: 95 Resp: 182152
 Ion Ratio Lower Upper
 95 100
 174 74.3 0.0 154.8
 176 72.2 0.0 147.4

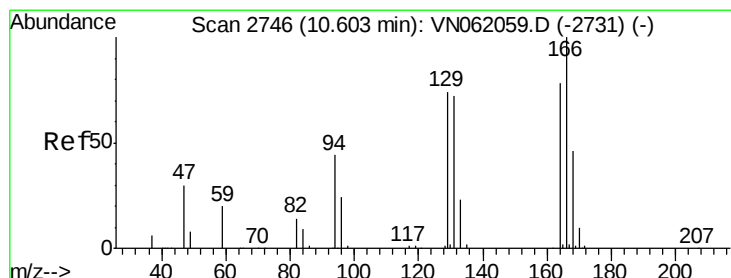
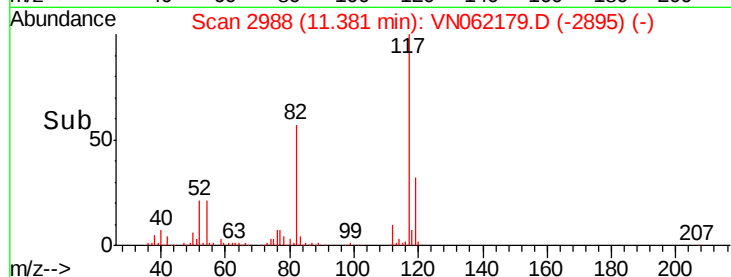
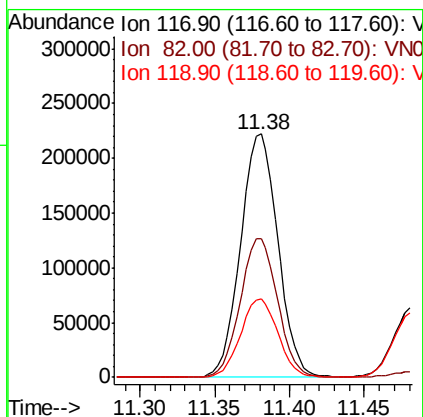
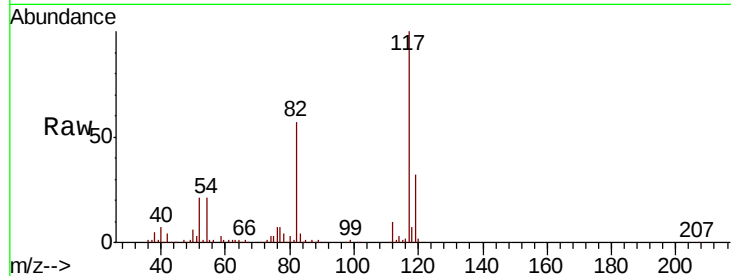




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

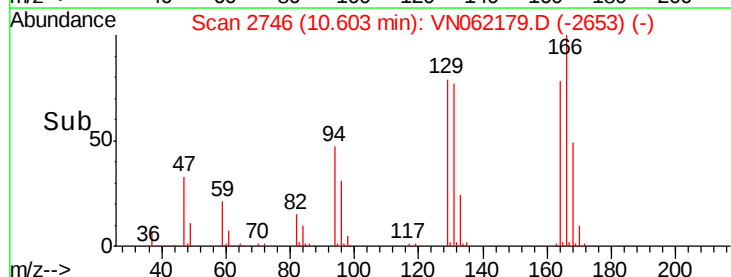
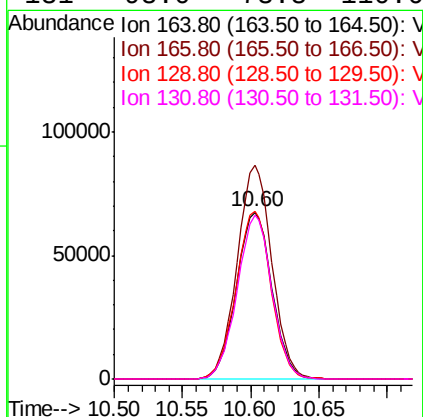
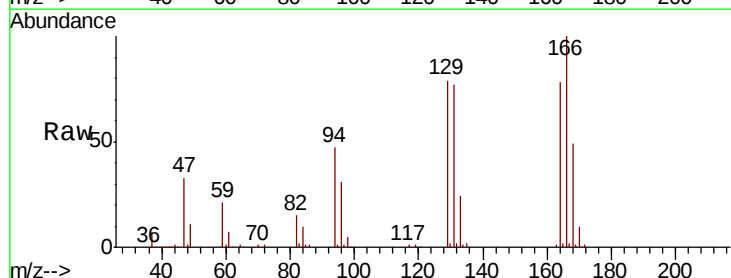
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

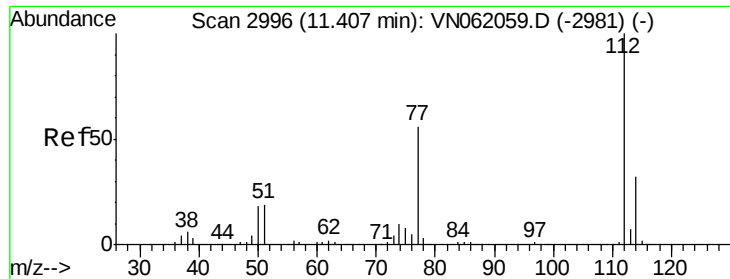
Tot Ion:117 Resp: 386784
Ion Ratio Lower Upper
117 100
82 57.2 43.8 65.8
119 32.2 25.2 37.8



#64
Tetrachloroethene
Concen: 46.190 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion:164 Resp: 122038
Ion Ratio Lower Upper
164 100
166 128.0 102.9 154.3
129 100.7 75.8 113.8
131 98.0 73.8 110.6

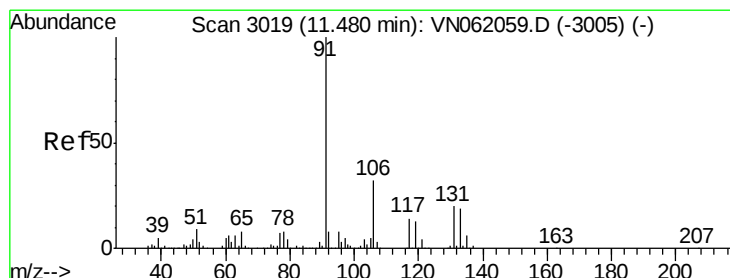
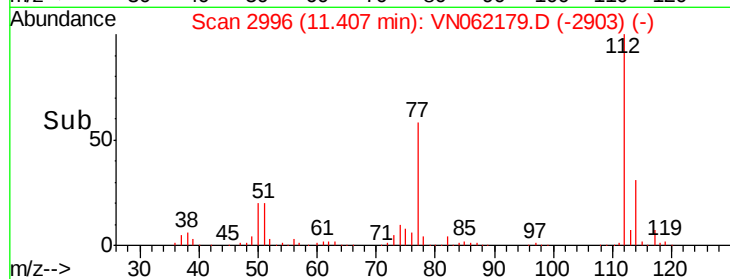
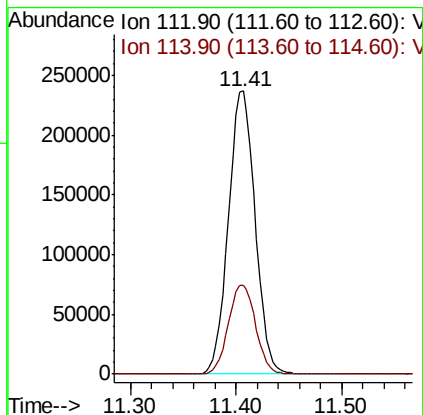
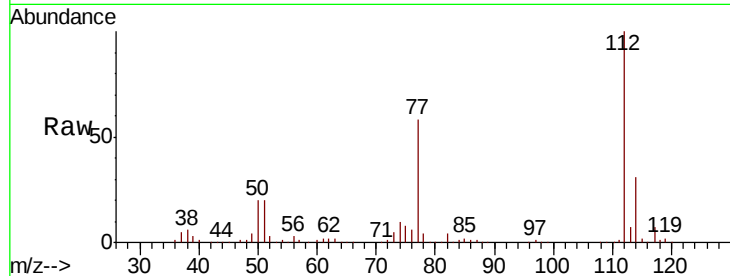




#65
Chlorobenzene
Concen: 48.892 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

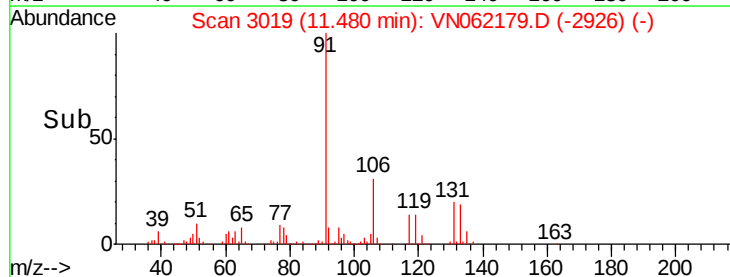
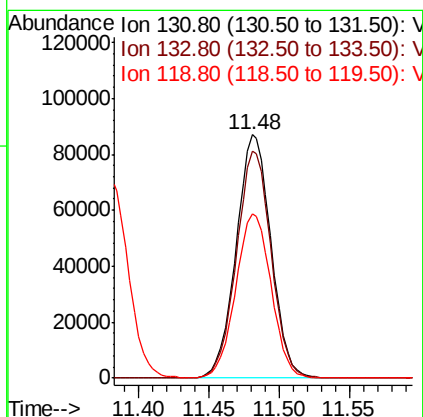
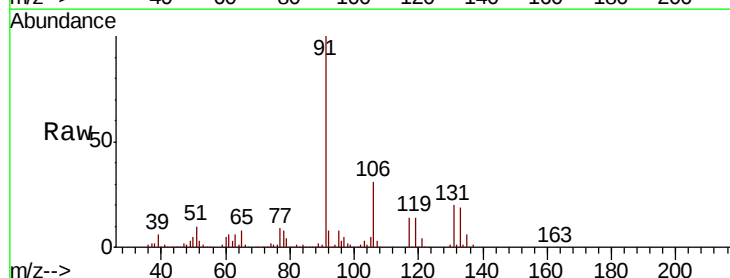
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

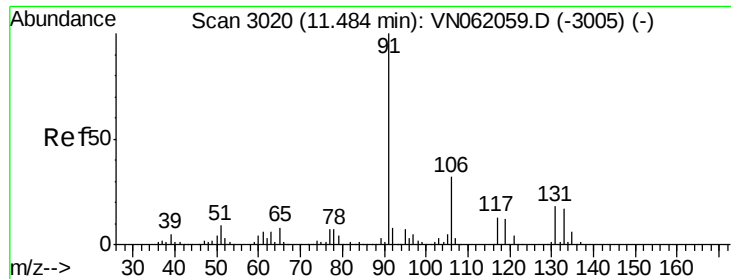
Tot Ion:112 Resp: 415279
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.127 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion:131 Resp: 150166
Ion Ratio Lower Upper
131 100
133 93.1 47.6 142.9
119 68.8 34.4 103.3

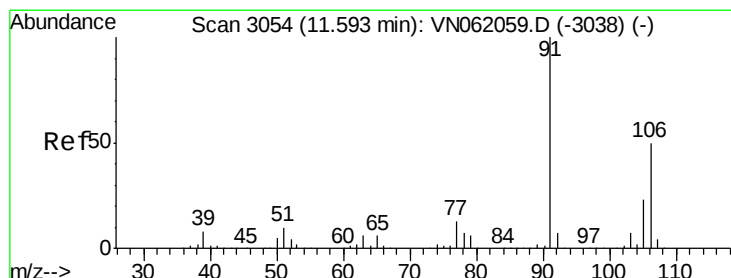
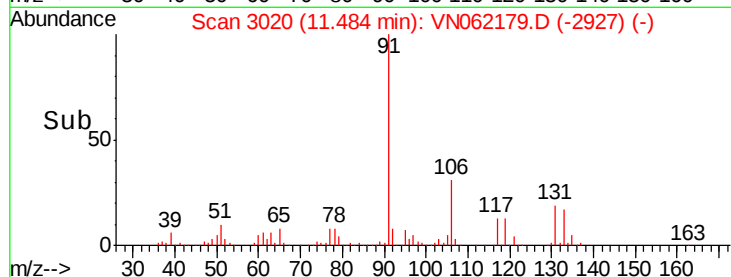
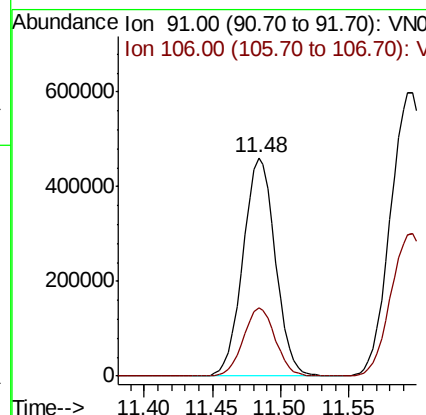
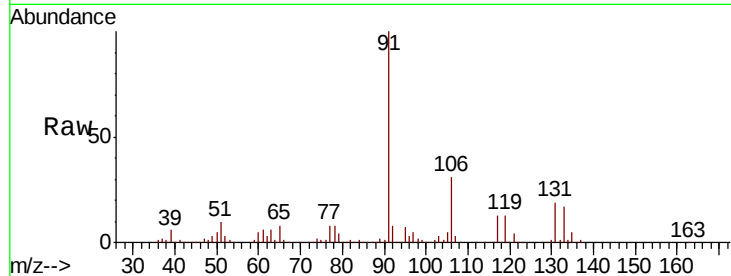




#67
Ethyl Benzene
Concen: 52.771 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

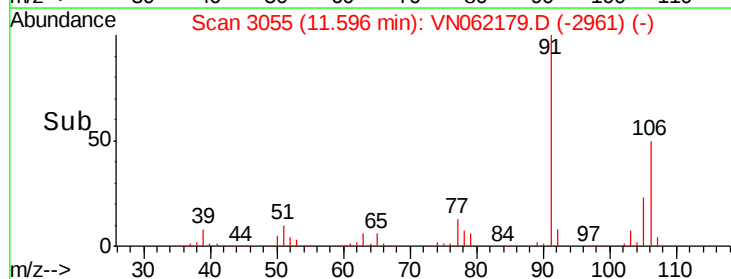
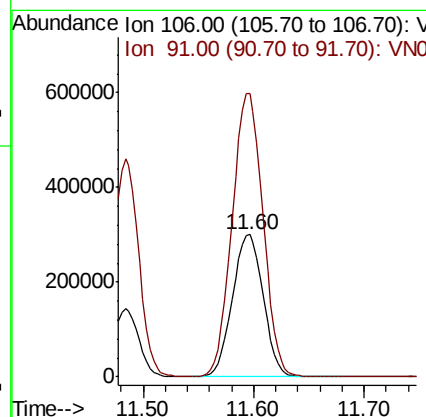
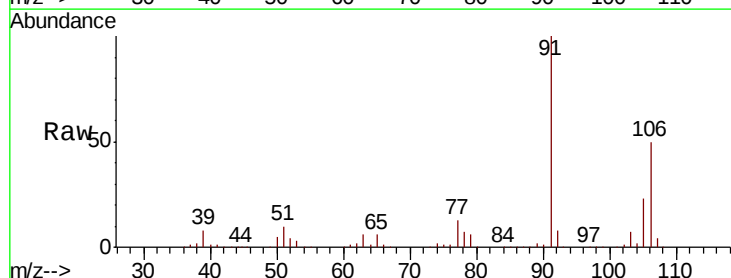
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 757008
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9



#68
m/p-Xylenes
Concen: 104.424 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion: 106 Resp: 579386
Ion Ratio Lower Upper
106 100
91 199.9 157.8 236.8

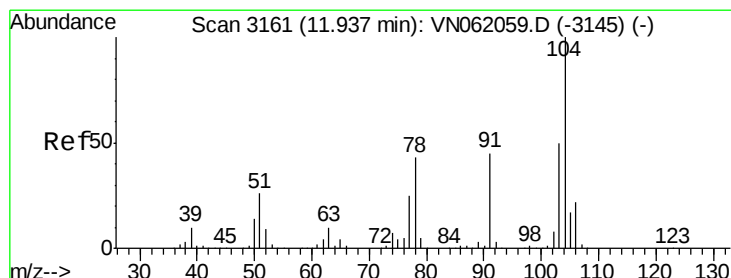
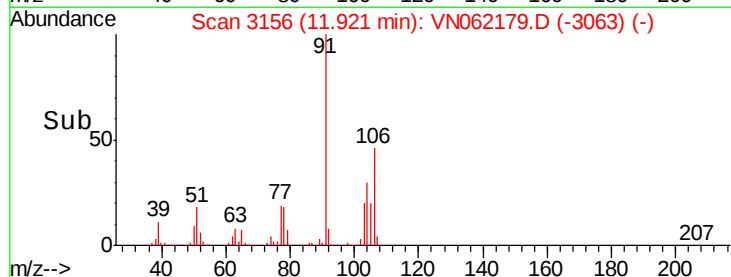
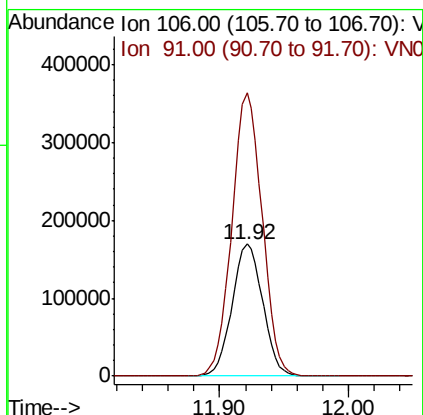
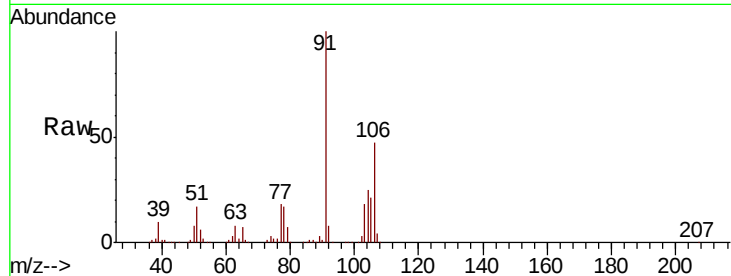




#69
o-Xylene
Concen: 53.442 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

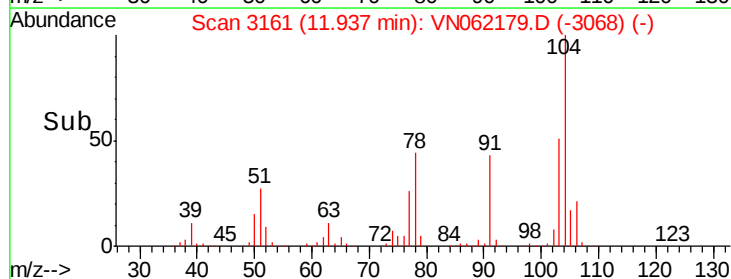
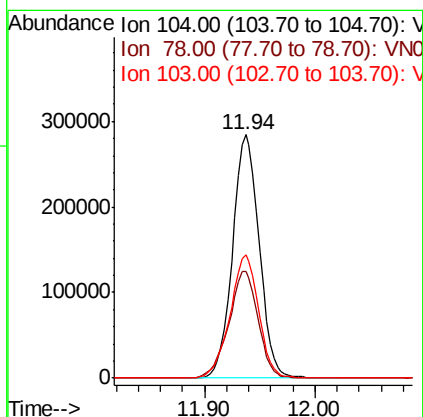
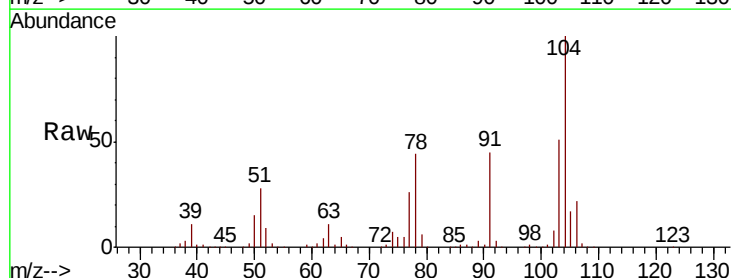
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 279767
Ion Ratio Lower Upper
106 100
91 212.3 104.0 311.9



#70
Styrene
Concen: 54.558 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion:104 Resp: 476327
Ion Ratio Lower Upper
104 100
78 48.4 37.7 56.5
103 54.4 43.0 64.6

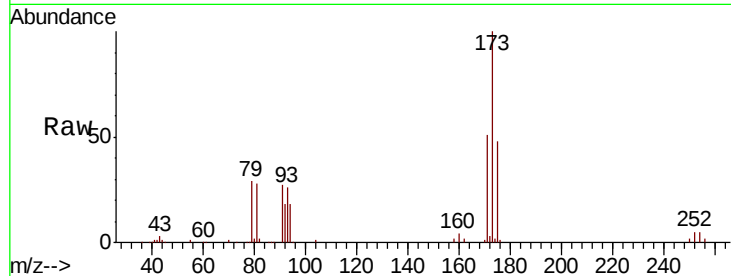




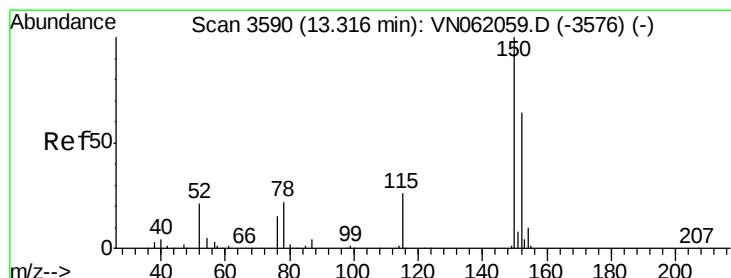
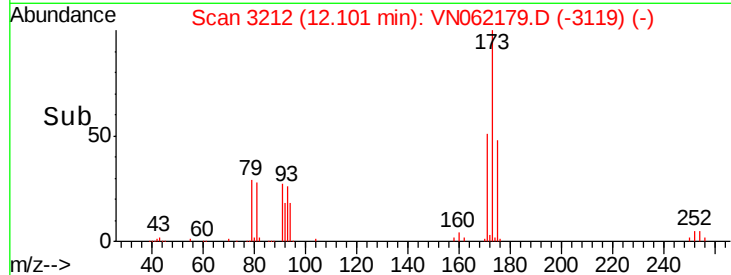
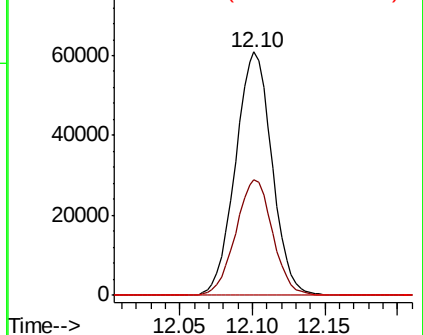
#71
Bromoform
Concen: 50.928 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 106350
Ion Ratio Lower Upper
173 100
175 47.7 24.7 74.1
254 0.0 0.0 0.0

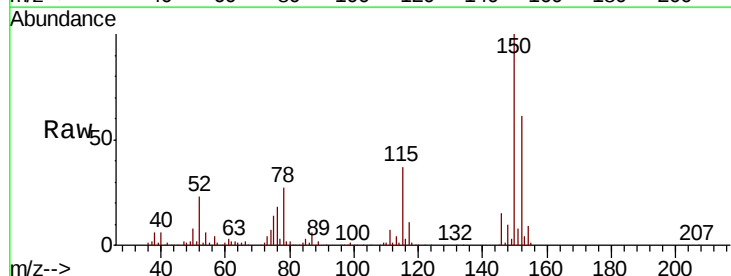


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

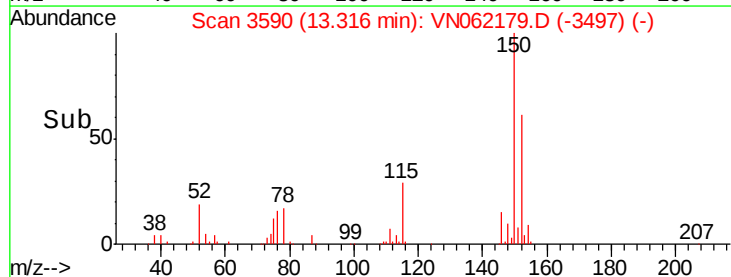
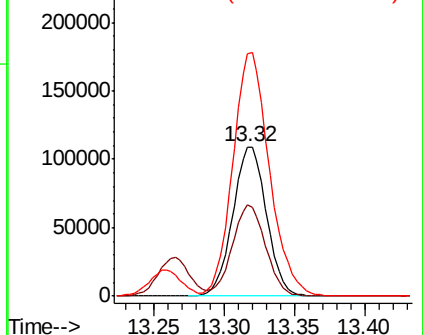


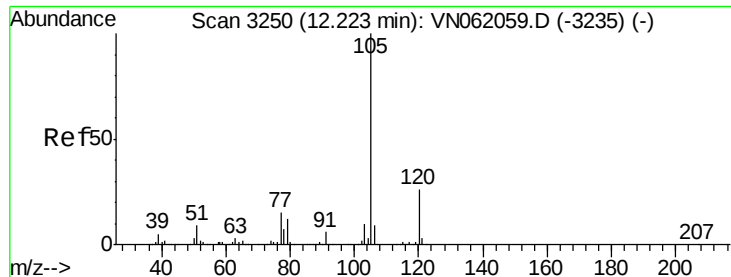
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion:152 Resp: 182123
Ion Ratio Lower Upper
152 100
115 60.5 29.5 88.5
150 177.5 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: 52.267 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

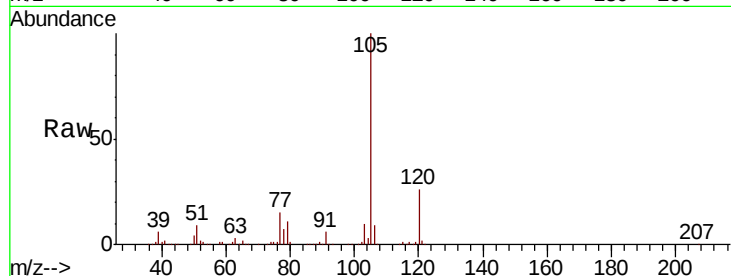
VSTDCCC050EC

Tot Ion:105 Resp: 736853

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

500000

400000

300000

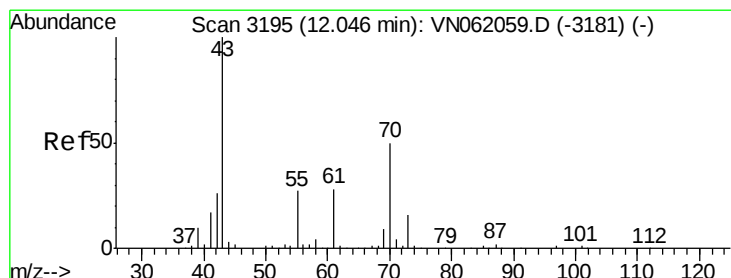
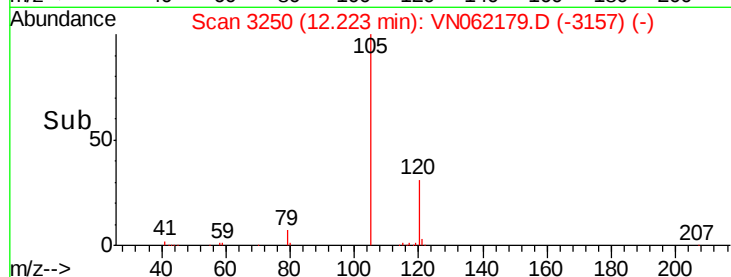
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 52.227 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Tgt Ion: 43 Resp: 271868

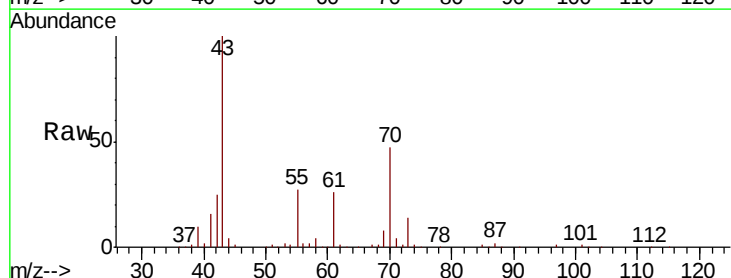
Ion Ratio Lower Upper

43 100

70 47.3 39.4 59.2

55 26.9 21.7 32.5

61 26.0 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

250000

200000

150000

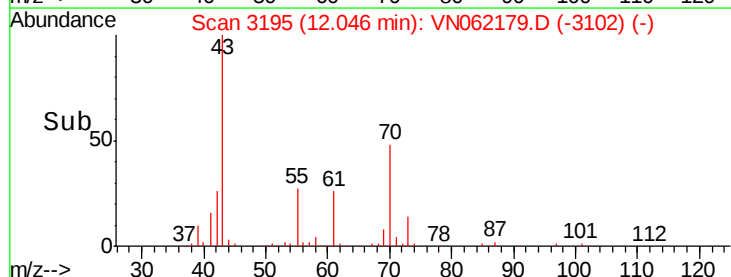
100000

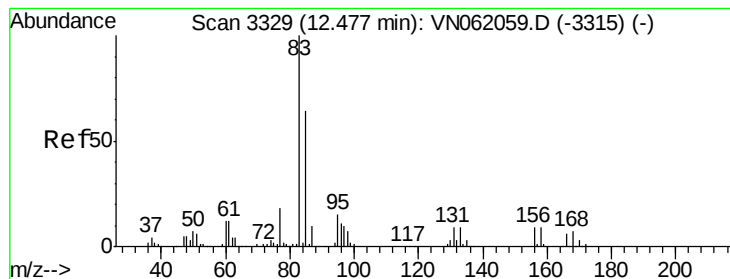
50000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 49.350 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

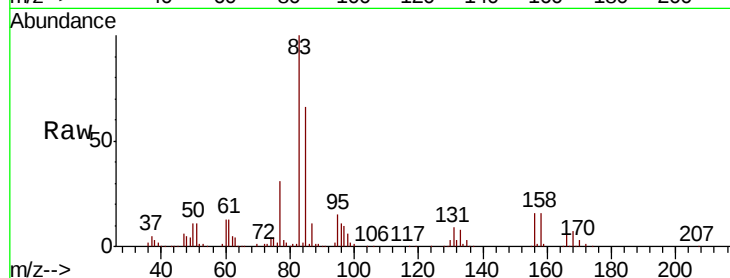
Tot Ion: 83 Resp: 231520

Ion Ratio Lower Upper

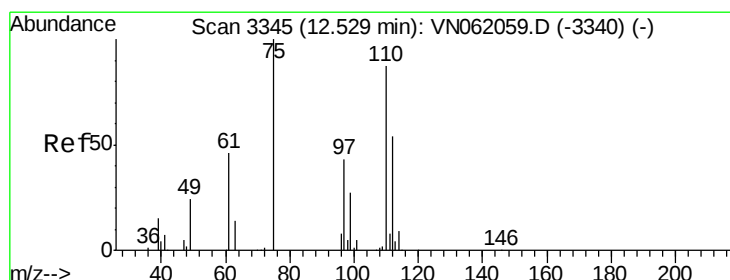
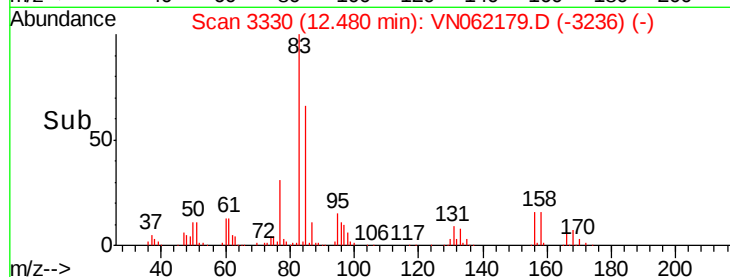
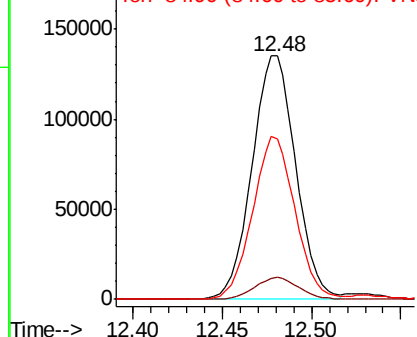
83 100

131 9.1 4.8 14.4

85 64.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 66.329 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062179.D

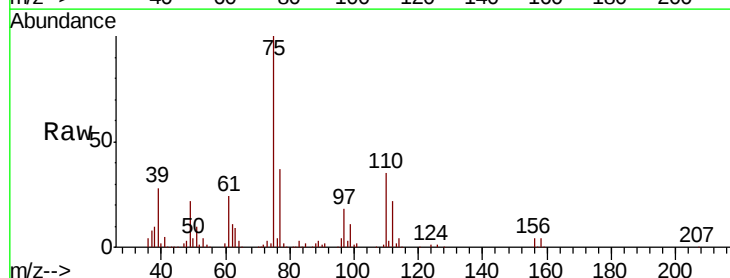
Acq: 27 Jun 2020 7:53

Tgt Ion: 75 Resp: 284373

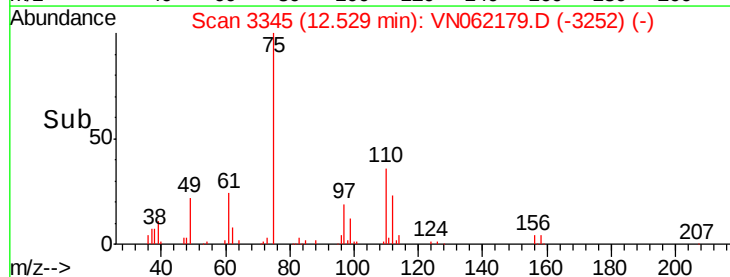
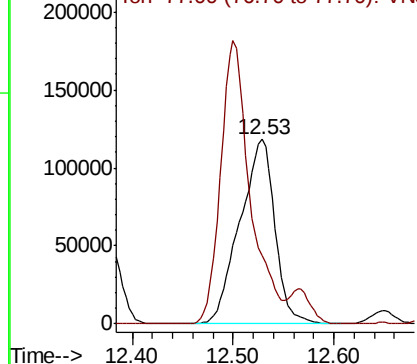
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0

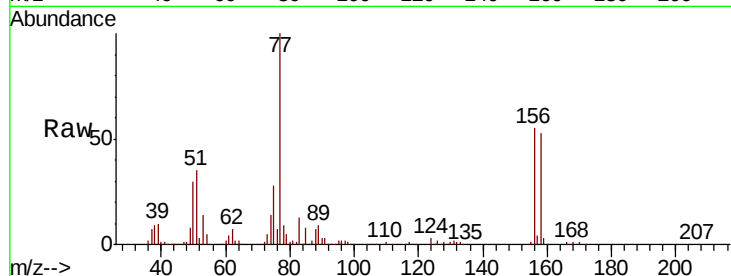




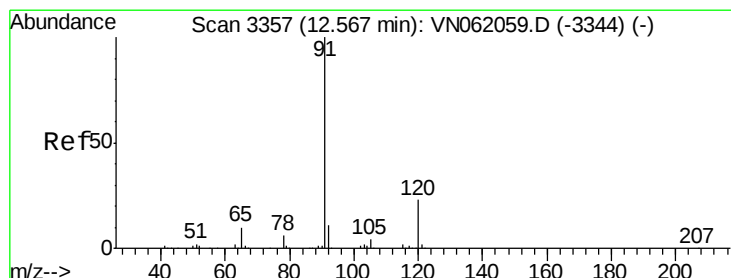
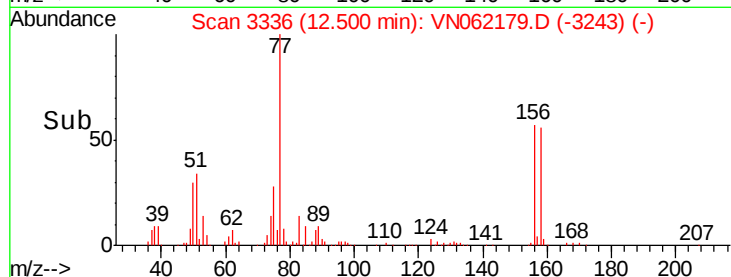
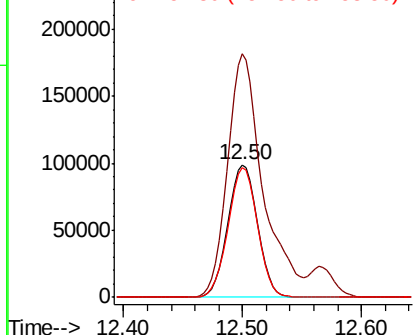
#77
Bromobenzene
Concen: 48.765 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:156 Resp: 170680
Ion Ratio Lower Upper
156 100
77 218.9 104.6 313.8
158 97.3 48.0 144.0

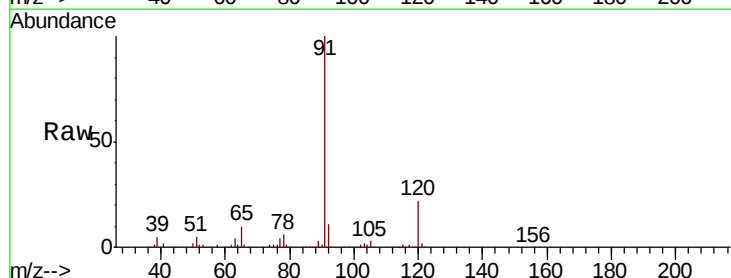


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

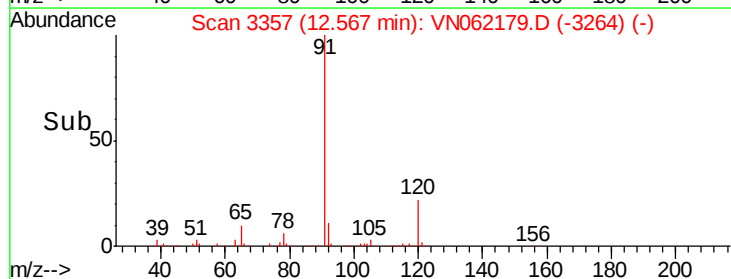
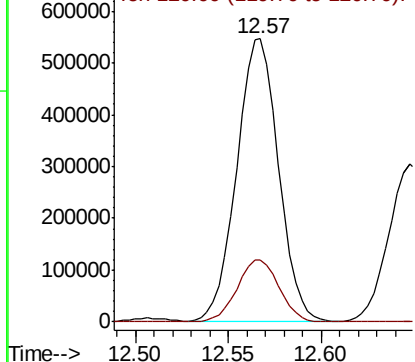


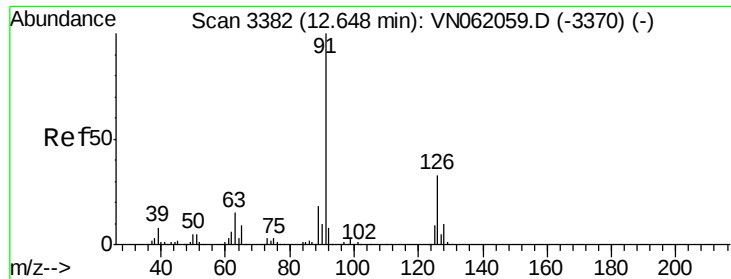
#78
n-propylbenzene
Concen: 52.807 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion: 91 Resp: 851559
Ion Ratio Lower Upper
91 100
120 22.2 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V

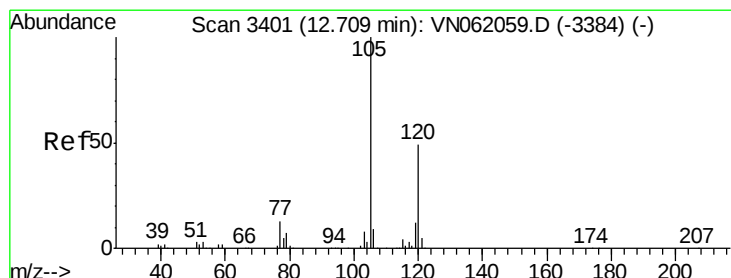
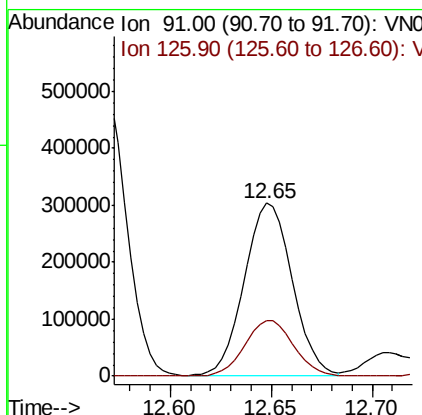
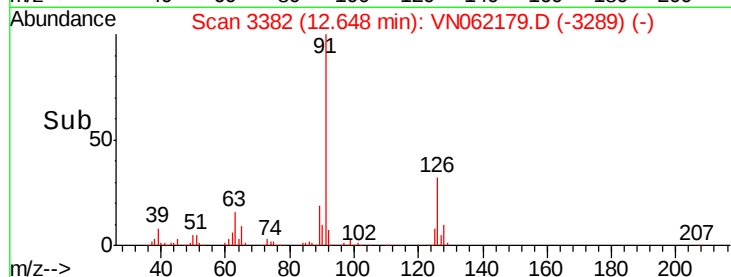
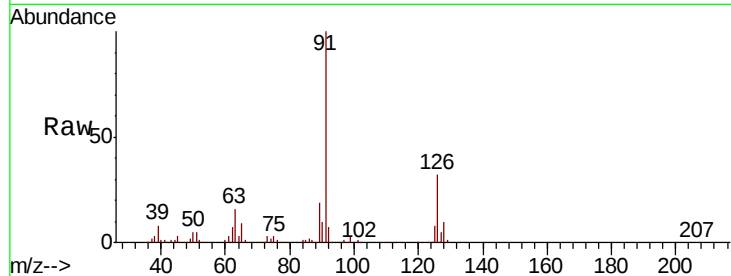




#79
 2-Chlorotoluene
 Concen: 51.743 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

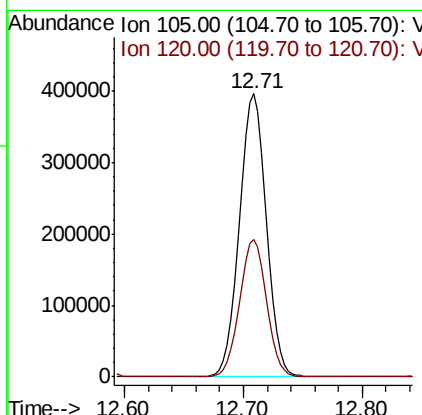
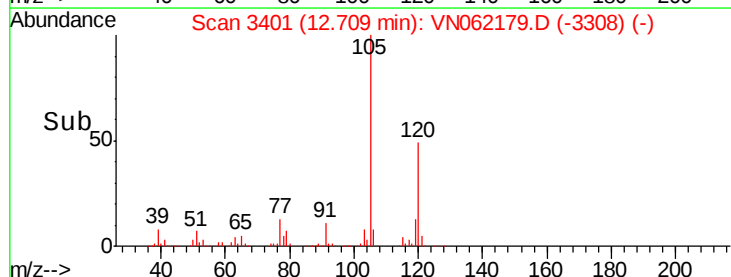
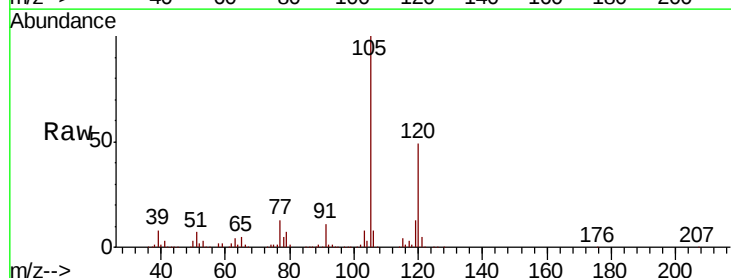
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

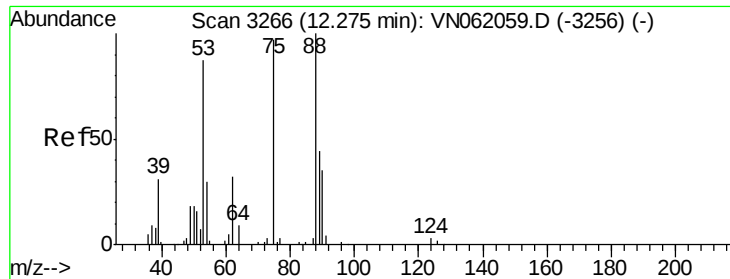
Tot Ion: 91 Resp: 504432
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 54.221 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion: 105 Resp: 619660
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 44.385 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

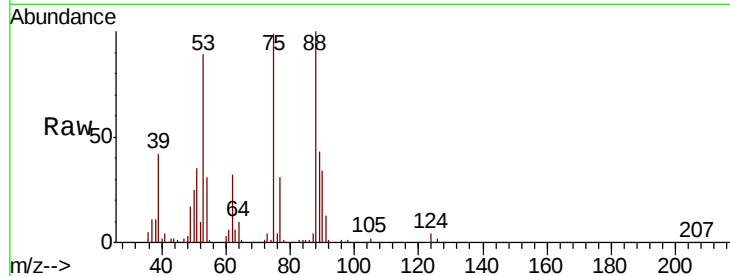
Tot Ion: 75 Resp: 65160

Ion Ratio Lower Upper

75 100

53 94.4 72.0 108.0

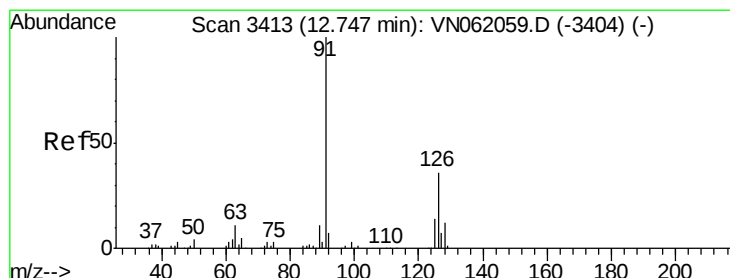
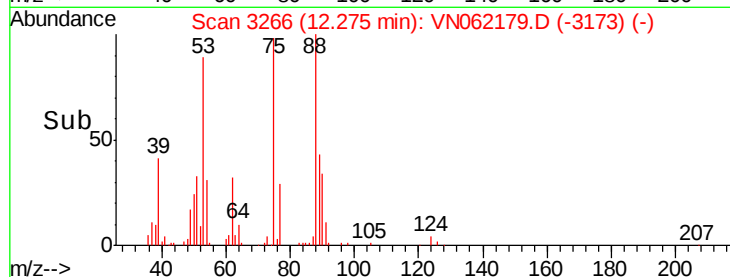
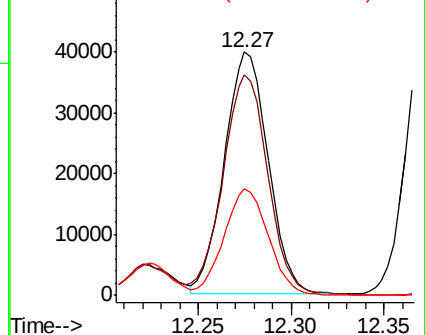
89 44.6 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062179.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062179.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062179.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 52.792 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062179.D

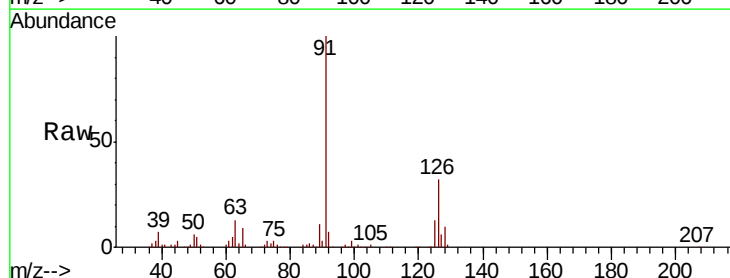
Acq: 27 Jun 2020 7:53

Tgt Ion: 91 Resp: 532212

Ion Ratio Lower Upper

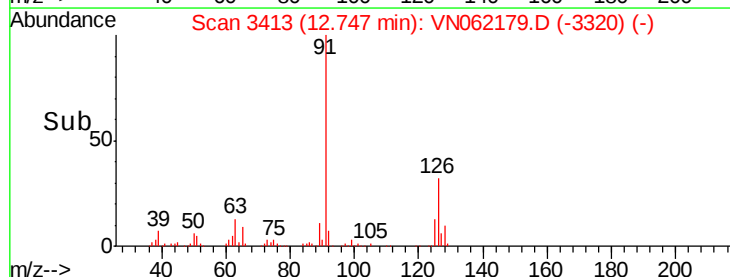
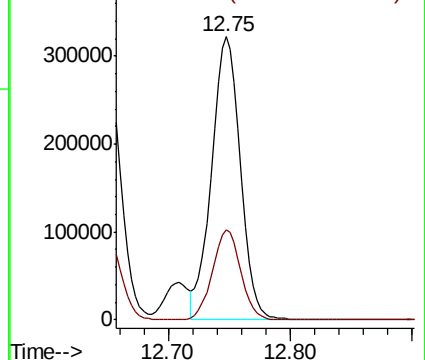
91 100

126 31.2 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062179.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062179.D (-3320) (-)

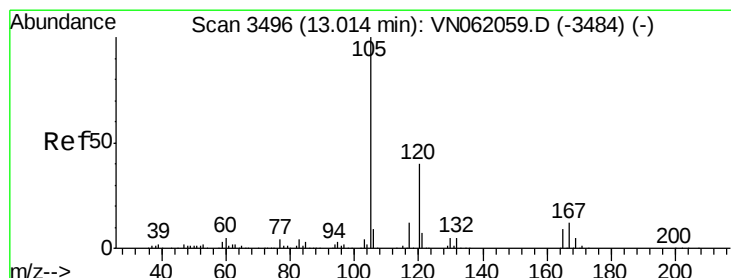
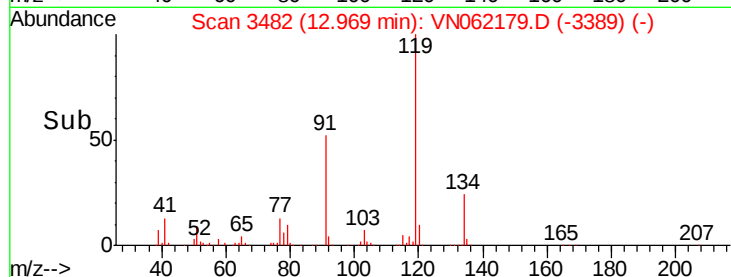
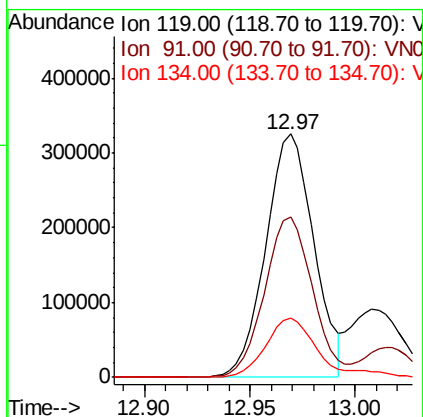
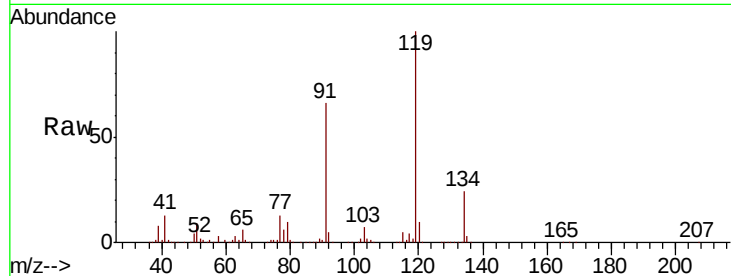




#83
 tert-Butylbenzene
 Concen: 52.833 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

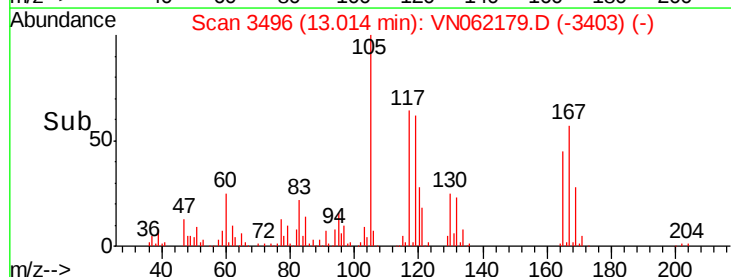
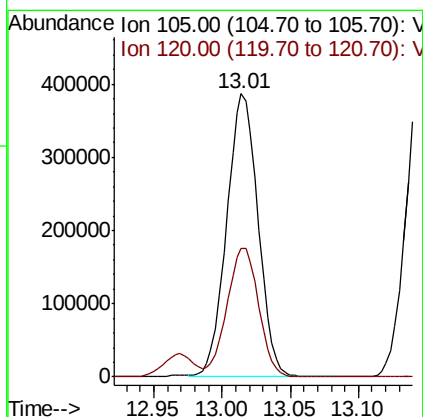
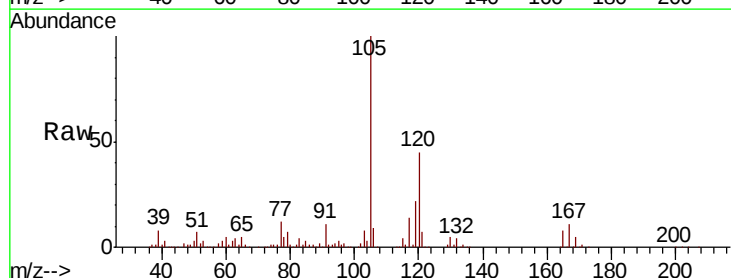
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

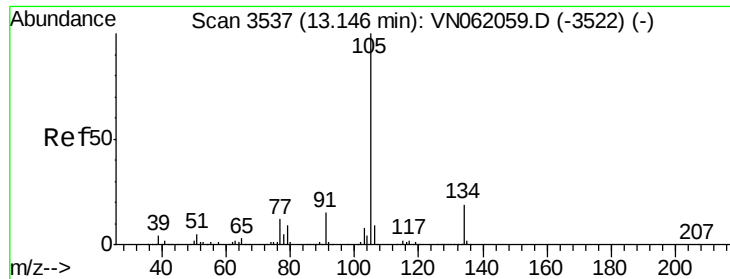
Tot Ion:119 Resp: 516729
 Ion Ratio Lower Upper
 119 100
 91 65.5 31.7 95.1
 134 26.5 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.080 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion:105 Resp: 617273
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.2 69.5

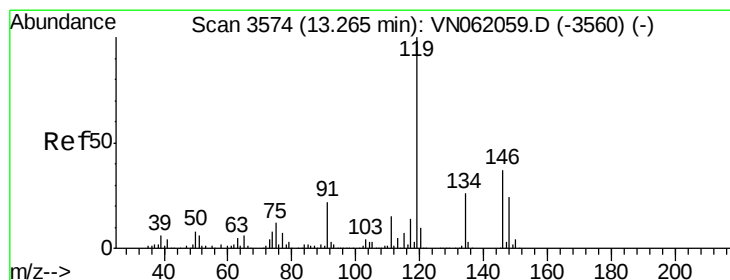
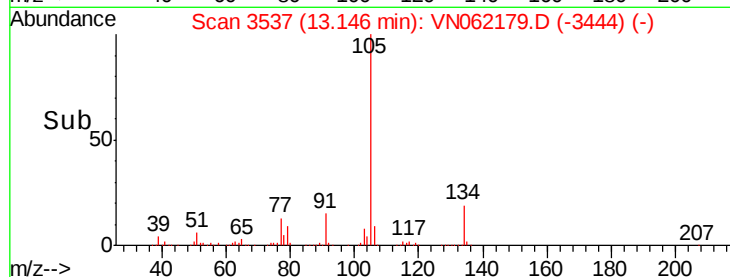
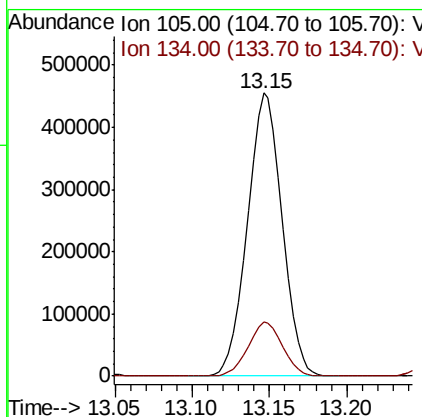
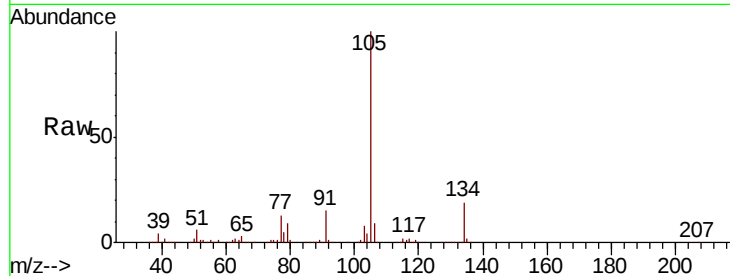




#85
 sec-Butylbenzene
 Concen: 54.930 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

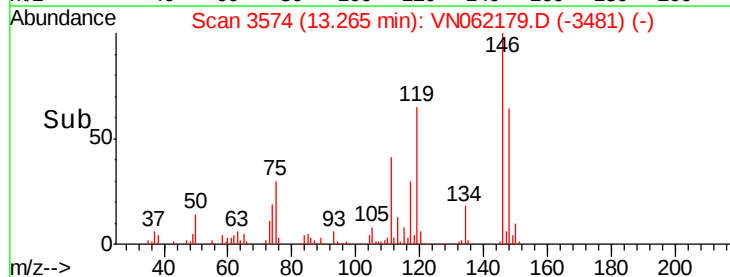
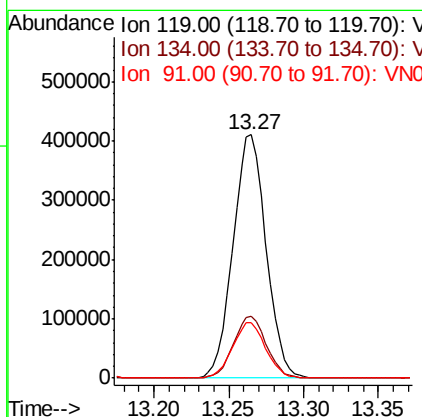
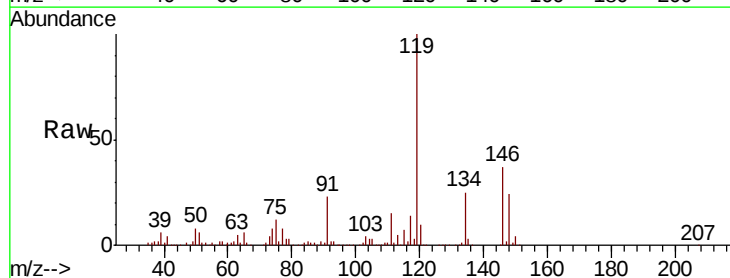
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

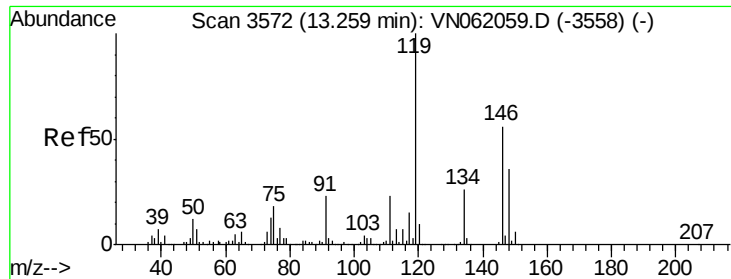
Tot Ion:105 Resp: 709899
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 55.596 ug/l
 RT: 13.27 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion:119 Resp: 629493
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 22.8 11.3 33.8

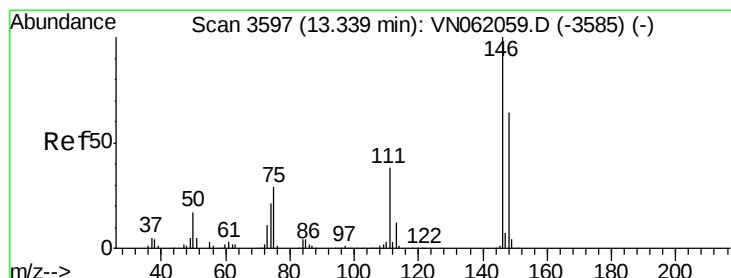
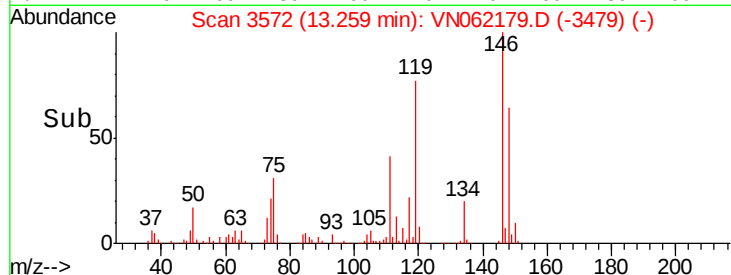
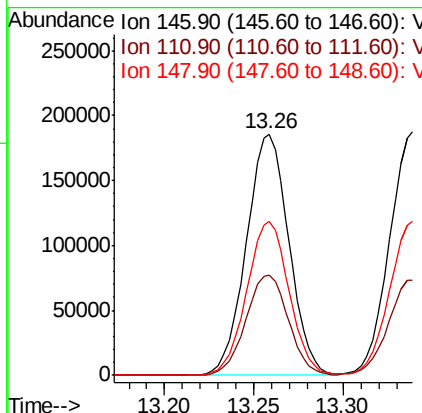
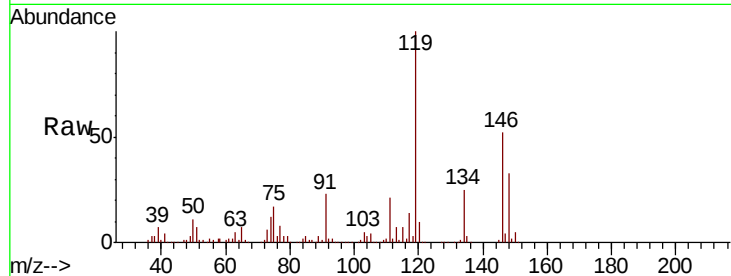




#87
 1,3-Dichlorobenzene
 Concen: 50.408 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

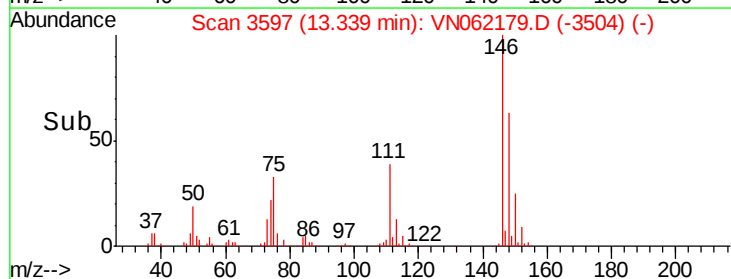
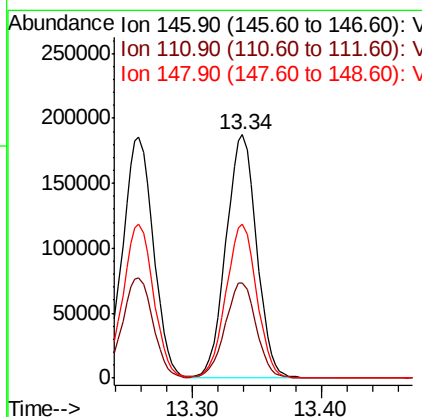
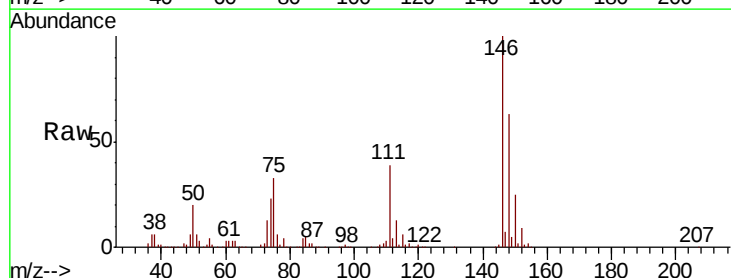
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

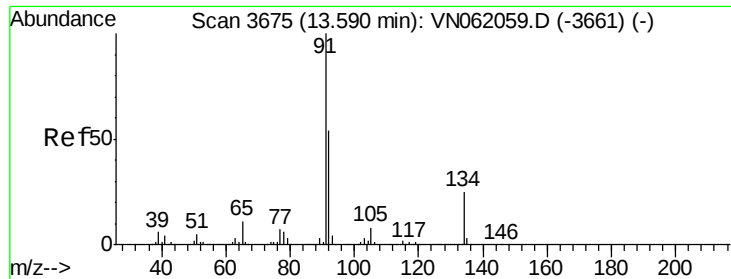
Tot Ion:146 Resp: 309811
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 61.0
 148 63.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.583 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion:146 Resp: 307789
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.6
 148 63.5 31.9 95.9





#89

n-Butylbenzene

Concen: 55.624 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

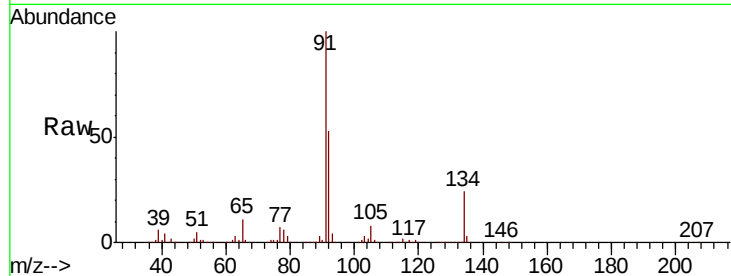
Tot Ion: 91 Resp: 523619

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

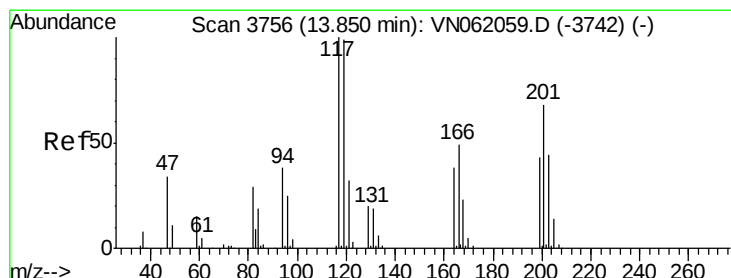
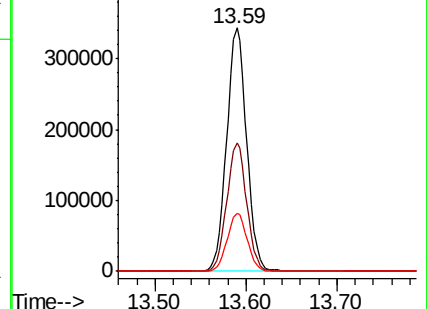
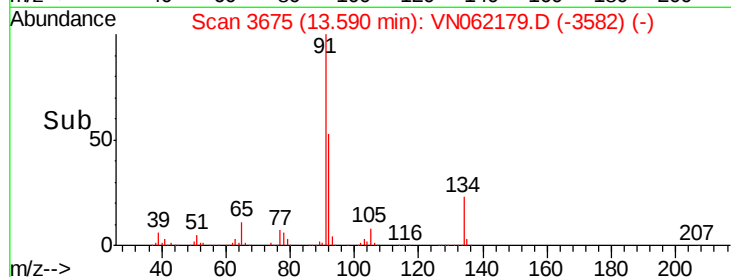
134 24.1 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN062179.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062179.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062179.D (-3582) (-)



#90

Hexachloroethane

Concen: 52.619 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062179.D

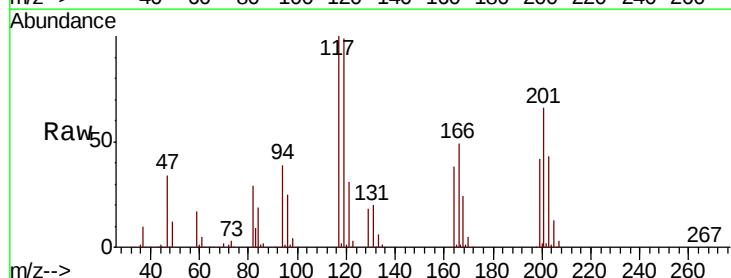
Acq: 27 Jun 2020 7:53

Tgt Ion: 117 Resp: 116893

Ion Ratio Lower Upper

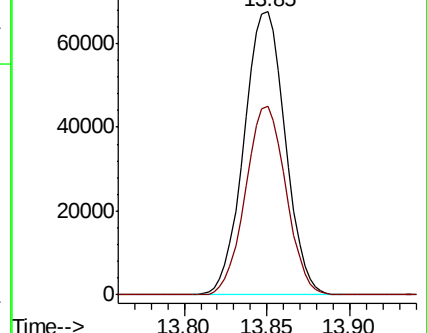
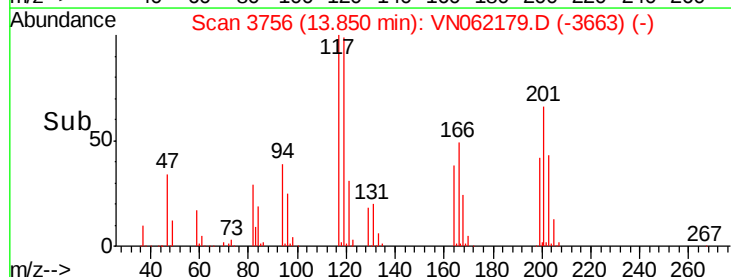
117 100

201 65.1 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062179.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062179.D (-3663) (-)





#91

1,2-Dichlorobenzene

Concen: 50.548 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

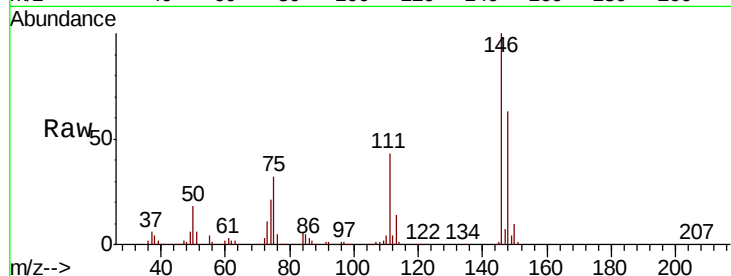
Tot Ion:146 Resp: 301257

Ion Ratio Lower Upper

146 100

111 42.9 21.2 63.6

148 62.9 31.9 95.5

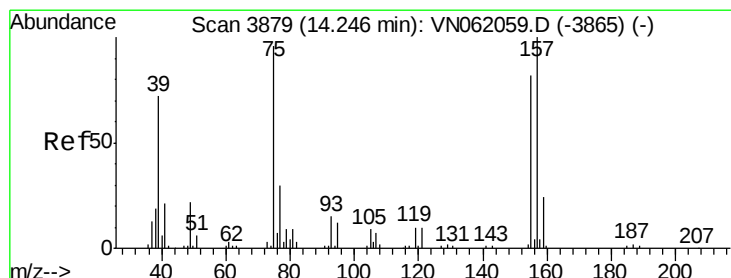
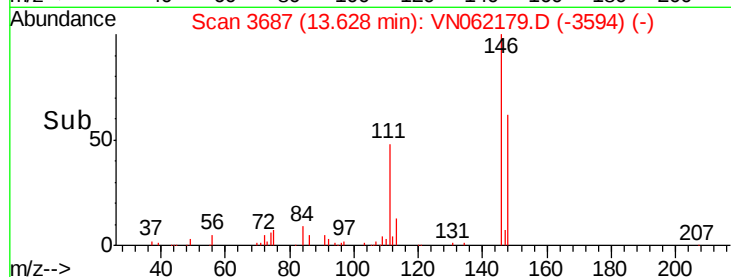
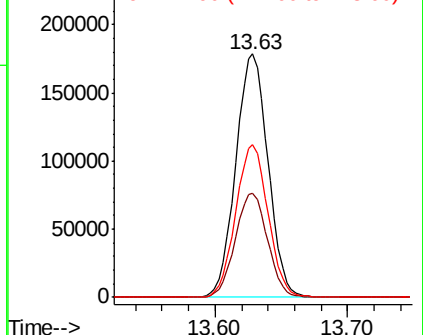


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.952 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

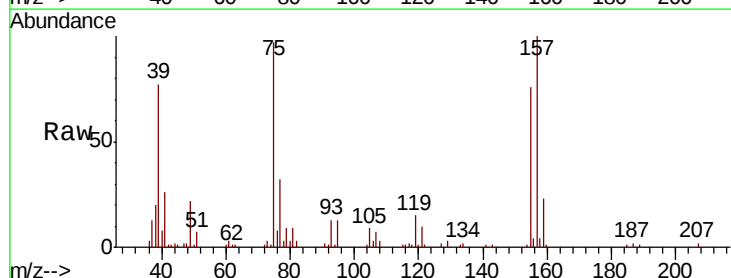
Tgt Ion: 75 Resp: 40547

Ion Ratio Lower Upper

75 100

155 77.2 40.8 122.4

157 101.2 51.4 154.3

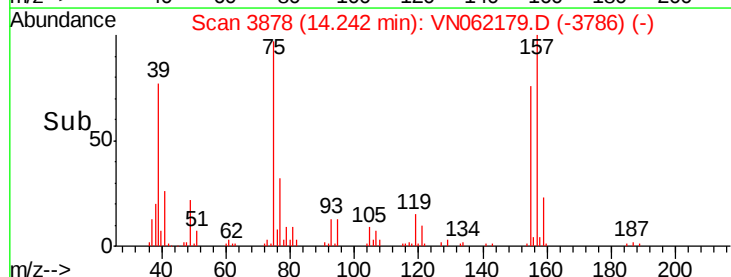
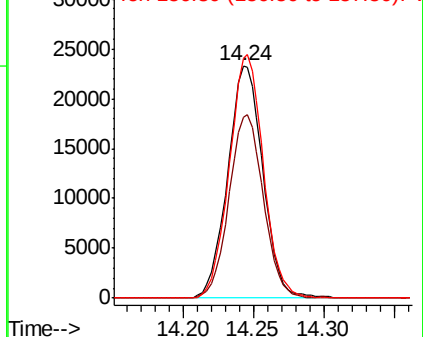


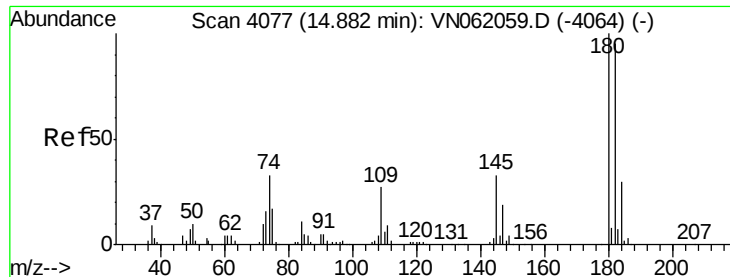
Abundance

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

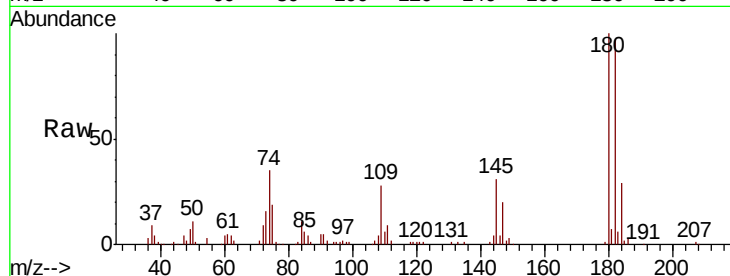




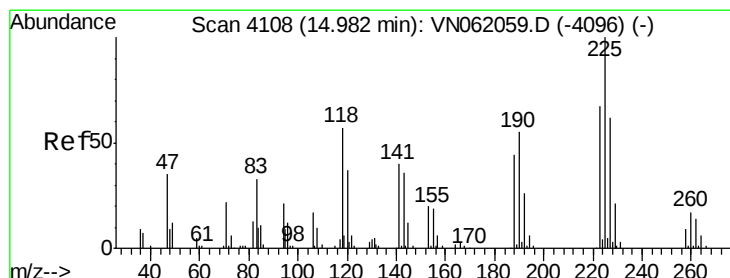
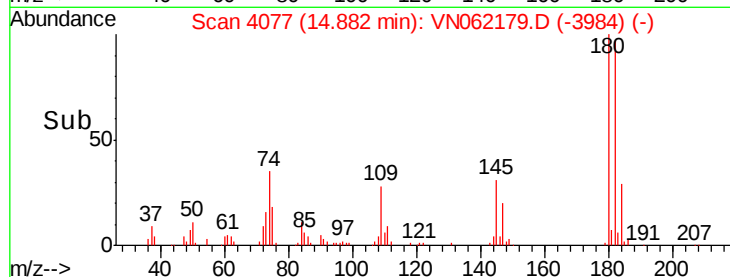
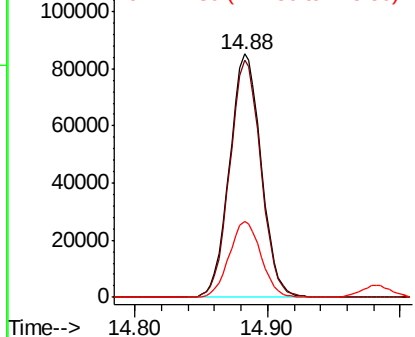
#93
 1,2,4-Trichlorobenzene
 Concen: 54.174 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.2
145	31.3	16.0	48.0

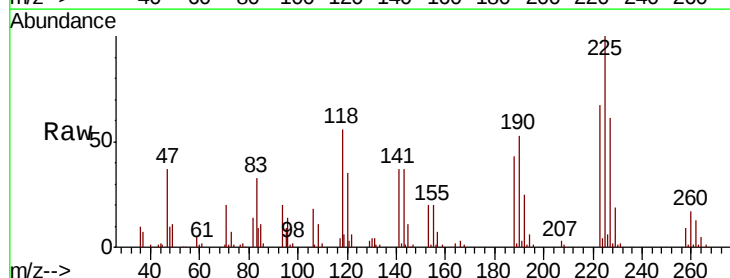


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

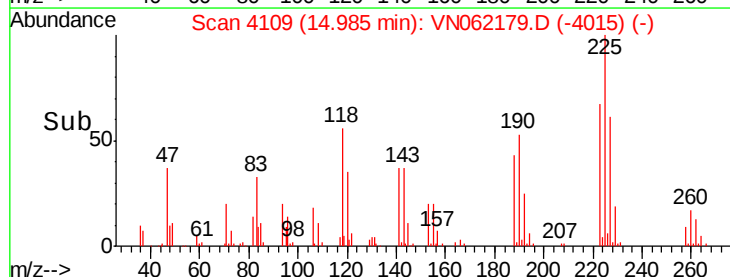
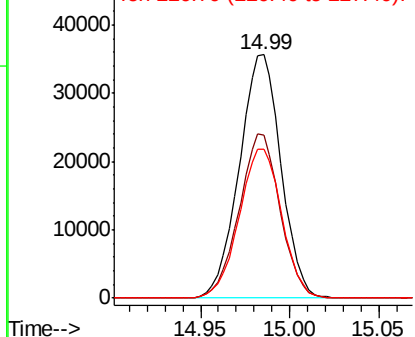


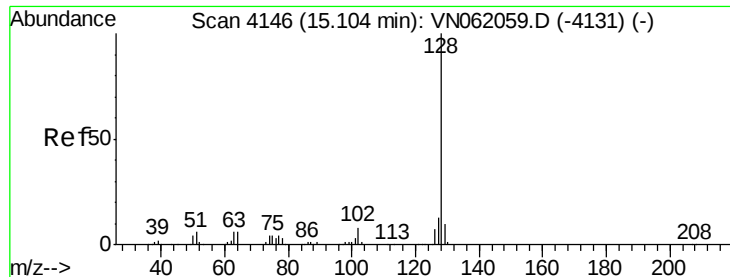
#94
 Hexachlorobutadiene
 Concen: 51.359 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.2	32.9	98.7
227	62.4	31.3	93.8



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

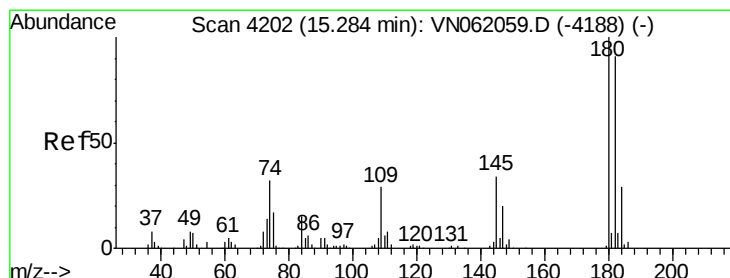
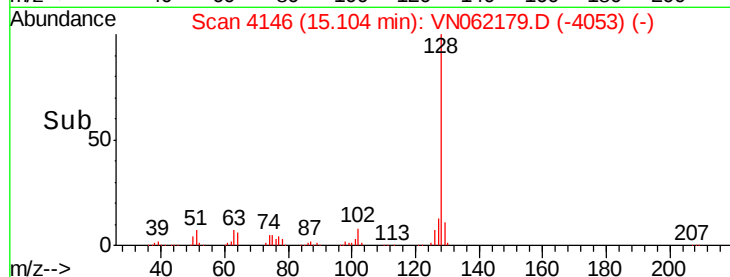
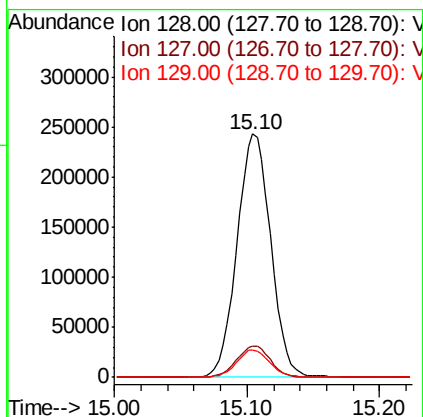
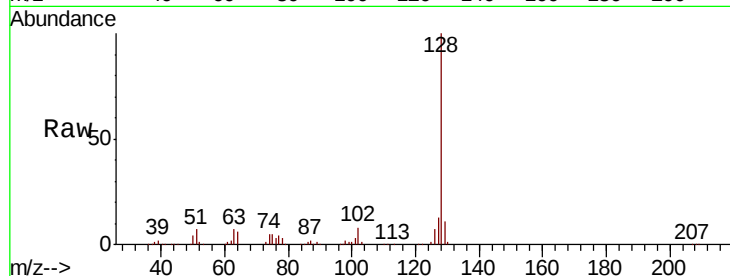




#95
Naphthalene
Concen: 49.456 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 428914
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.837 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion:180 Resp: 143325
Ion Ratio Lower Upper
180 100
182 94.1 46.8 140.4
145 33.4 16.4 49.2

