

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063331.D
 Acq On : 14 Sep 2020 9:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 15 05:06:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	489221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	836382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	767354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	373586	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	378734	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
35) Dibromofluoromethane	7.55	113	281071	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
50) Toluene-d8	10.06	98	1097081	53.06	ug/l	0.00
Spiked Amount			Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.38	95	414382	54.26	ug/l	0.00
Spiked Amount			Recovery	=	108.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	213669	45.476	ug/l	99
3) Chloromethane	2.03	50	295589	47.949	ug/l	97
4) Vinyl Chloride	2.16	62	309126	46.503	ug/l	98
5) Bromomethane	2.53	94	202324	43.625	ug/l	97
6) Chloroethane	2.67	64	195695	45.004	ug/l	96
7) Trichlorofluoromethane	2.98	101	470019	45.724	ug/l	100
8) Diethyl Ether	3.37	74	164267	44.816	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	250461	46.636	ug/l	99
10) Methyl Iodide	3.91	142	330532	47.477	ug/l	100
11) Tert butyl alcohol	4.73	59	239619	235.791	ug/l	98
12) 1,1-Dichloroethene	3.69	96	243788	45.474	ug/l	97
13) Acrolein	3.56	56	159270	282.630	ug/l	97
14) Allyl chloride	4.27	41	482957	43.884	ug/l	97
15) Acrylonitrile	4.92	53	650869	234.248	ug/l	99
16) Acetone	3.77	43	698063	263.012	ug/l	100
17) Carbon Disulfide	4.01	76	707949	46.608	ug/l	99
18) Methyl Acetate	4.27	43	301299	45.159	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	890227	46.471	ug/l	99
20) Methylene Chloride	4.50	84	290813	48.078	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	270374	45.066	ug/l	98
22) Diisopropyl ether	5.89	45	991058	45.759	ug/l	94
23) Vinyl Acetate	5.84	43	4154202	243.684	ug/l	99
24) 1,1-Dichloroethane	5.79	63	540895	46.117	ug/l	100
25) 2-Butanone	6.78	43	958080	244.370	ug/l	100
26) 2,2-Dichloropropane	6.78	77	492173	47.877	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	316880	45.321	ug/l	99
28) Bromochloromethane	7.14	49	271932	47.813	ug/l	99
29) Tetrahydrofuran	7.16	42	584063	228.787	ug/l	98
30) Chloroform	7.33	83	543073	46.245	ug/l	96
31) Cyclohexane	7.61	56	473805	43.950	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	480950	46.981	ug/l	99
36) 1,1-Dichloropropene	7.75	75	418947	48.731	ug/l	99
37) Ethyl Acetate	6.87	43	393066	46.474	ug/l	99
38) Carbon Tetrachloride	7.73	117	420001	49.638	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	451679	48.159	ug/l	99
40) Benzene	8.00	78	1189593	48.446	ug/l	99
41) Methacrylonitrile	7.12	41	177477	46.390	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	452473	48.568	ug/l	100
43) Isopropyl Acetate	8.12	43	691338	48.267	ug/l #	92
44) Trichloroethene	8.80	130	311525	48.513	ug/l	99
45) 1,2-Dichloropropane	9.08	63	323689	48.059	ug/l	98
46) Dibromomethane	9.17	93	212583	48.673	ug/l	97
47) Bromodichloromethane	9.37	83	446485	49.055	ug/l	97
48) Methyl methacrylate	9.16	41	323540	47.340	ug/l	99
49) 1,4-Dioxane	9.16	88	97915	925.328	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1970424	249.623	ug/l	100
52) Toluene	10.12	92	731821	48.814	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	503183	50.697	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	534911	50.054	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	282027	48.008	ug/l	99
56) Ethyl methacrylate	10.40	69	439363	49.182	ug/l	100
57) 1,3-Dichloropropane	10.68	76	502043	48.906	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1054207	220.000	ug/l	100
59) 2-Hexanone	10.72	43	1527616	262.405	ug/l	100
60) Dibromochloromethane	10.87	129	329780	51.121	ug/l	99
61) 1,2-Dibromoethane	10.98	107	294311	48.056	ug/l	98
64) Tetrachloroethene	10.60	164	319674	50.854	ug/l	98
65) Chlorobenzene	11.41	112	785468	47.547	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	296866	49.323	ug/l	98
67) Ethyl Benzene	11.48	91	1463900	49.361	ug/l	99
68) m/p-Xylenes	11.59	106	1067925	97.347	ug/l	99
69) o-Xylene	11.92	106	513177	48.744	ug/l	100
70) Styrene	11.94	104	868281	49.623	ug/l	99
71) Bromoform	12.10	173	212250	50.985	ug/l #	100
73) Isopropylbenzene	12.23	105	1394706	46.284	ug/l	100
74) N-amyl acetate	12.05	43	612428	49.504	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	379165	43.936	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	564388	68.478	ug/l #	100
77) Bromobenzene	12.50	156	319015	46.057	ug/l	100
78) n-propylbenzene	12.57	91	1636095	47.794	ug/l	100
79) 2-Chlorotoluene	12.65	91	968460	46.011	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1190059	47.562	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	147188	47.983	ug/l	99
82) 4-Chlorotoluene	12.75	91	1020859	46.268	ug/l	100
83) tert-Butylbenzene	12.97	119	978576	46.115	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	1198740	47.531	ug/l	100
85) sec-Butylbenzene	13.15	105	1300823	48.183	ug/l	100
86) p-Isopropyltoluene	13.26	119	1184809	47.870	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	589540	46.557	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	591153	48.795	ug/l	99
89) n-Butylbenzene	13.59	91	1102264	49.334	ug/l	99
90) Hexachloroethane	13.85	117	215282	52.879	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	581580	46.469	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	88511	45.102	ug/l	100

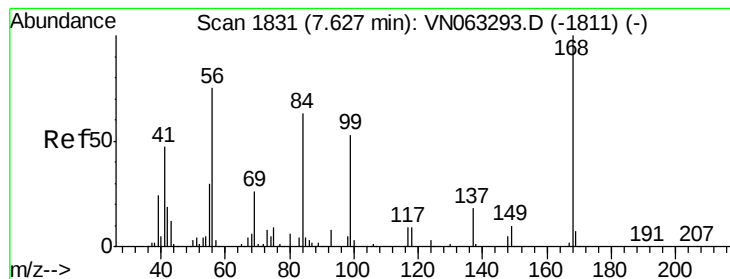
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	326728	44.600	ug/l	100
94) Hexachlorobutadiene	14.98	225	131440	49.769	ug/l	99
95) Naphthalene	15.10	128	1010159	45.830	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	305695	46.439	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

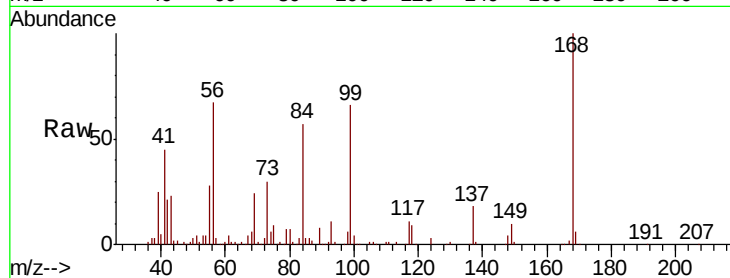
VSTDCCC050

Tot Ion:168 Resp: 489221

Ion Ratio Lower Upper

168 100

99 65.2 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): VN063331.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN063331.D (-1738) (-)

7.62

200000

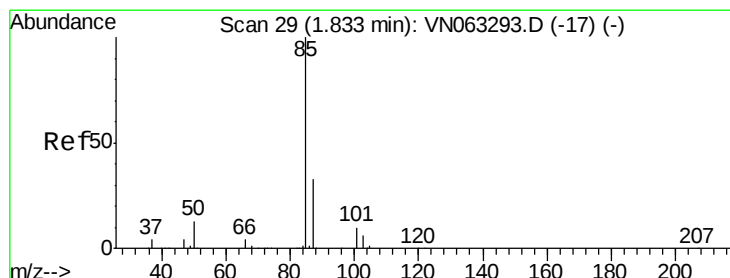
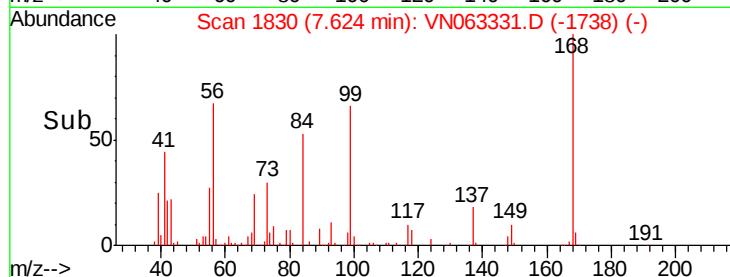
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 45.476 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063331.D

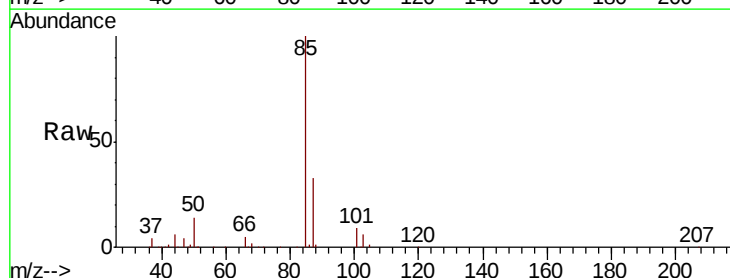
Acq: 14 Sep 2020 9:58

Tgt Ion: 85 Resp: 213669

Ion Ratio Lower Upper

85 100

87 32.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN063331.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN063331.D (-1) (-)

1.83

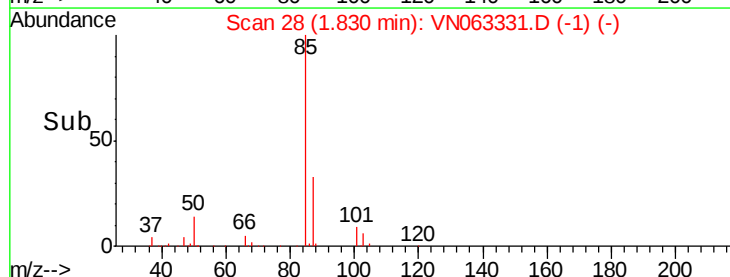
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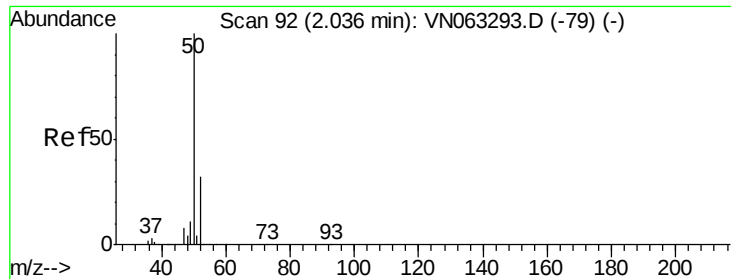
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 47.949 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

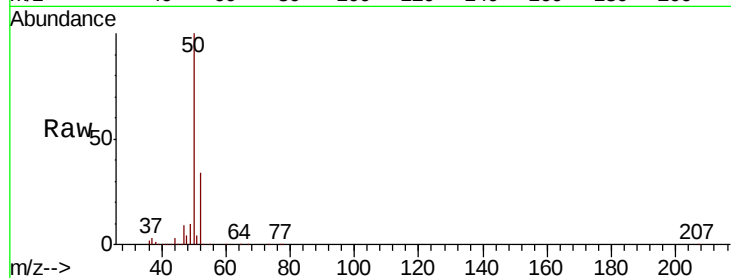
VSTDCCC050

Tot Ion: 50 Resp: 295589

Ion Ratio Lower Upper

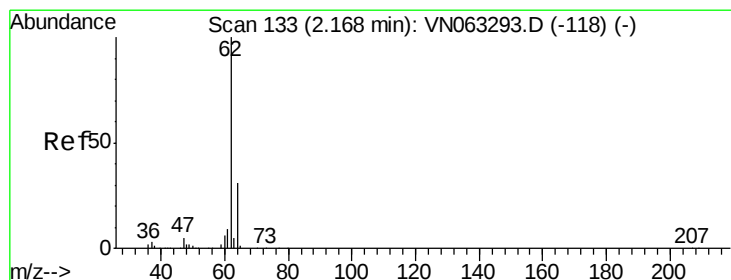
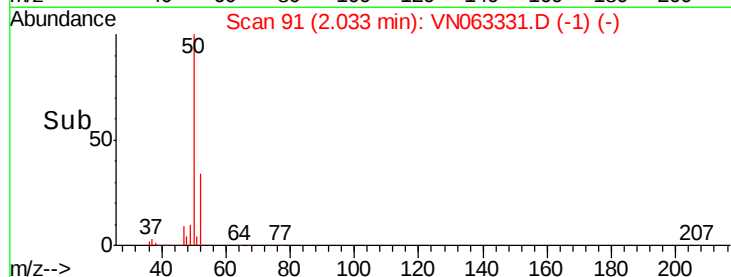
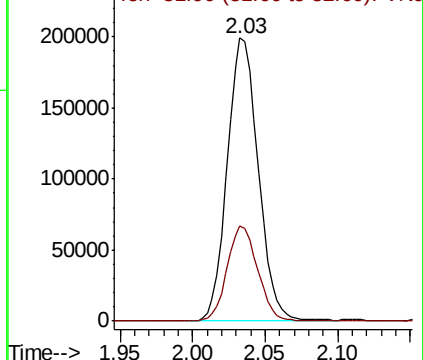
50 100

52 33.7 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 46.503 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063331.D

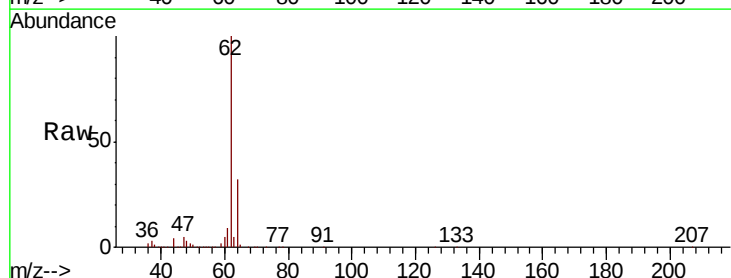
Acq: 14 Sep 2020 9:58

Tgt Ion: 62 Resp: 309126

Ion Ratio Lower Upper

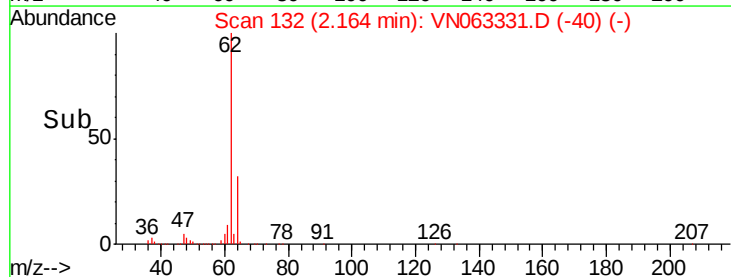
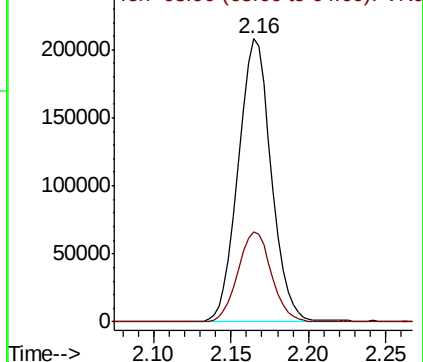
62 100

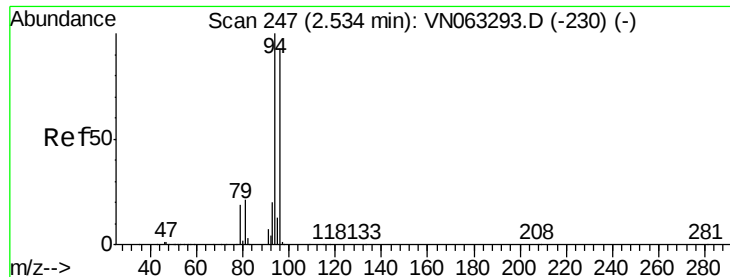
64 32.0 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 43.625 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

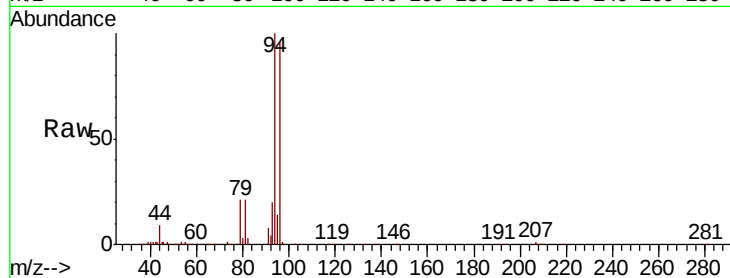
VSTDCCC050

Tot Ion: 94 Resp: 202324

Ion Ratio Lower Upper

94 100

96 95.4 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

100000

80000

60000

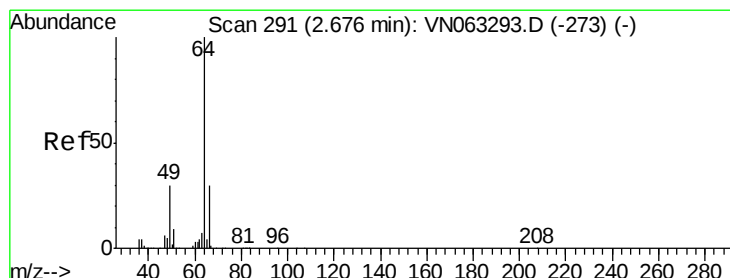
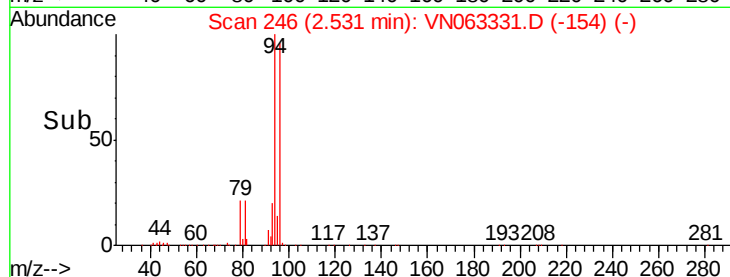
40000

20000

0

Time-->

2.40 2.50 2.60



#6

Chloroethane

Concen: 45.004 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063331.D

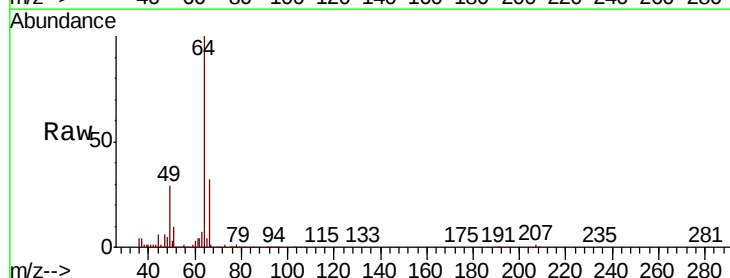
Acq: 14 Sep 2020 9:58

Tgt Ion: 64 Resp: 195695

Ion Ratio Lower Upper

64 100

66 31.8 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

100000

80000

60000

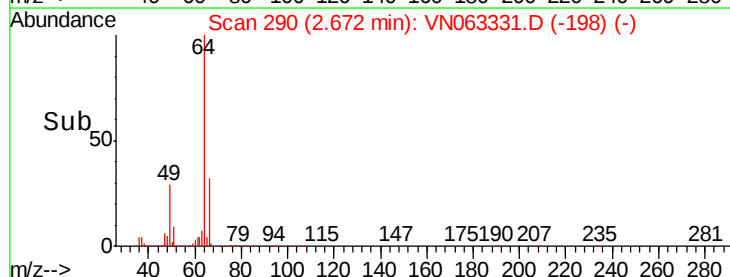
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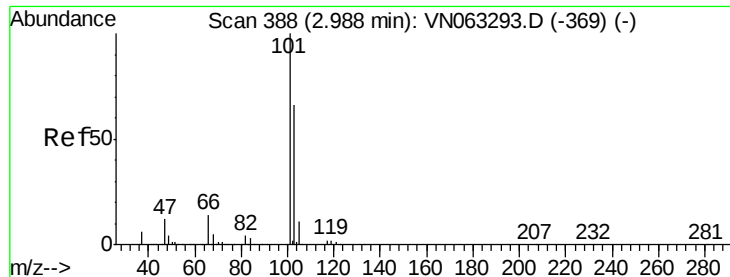
20000

0

Time-->

2.60 2.70 2.80



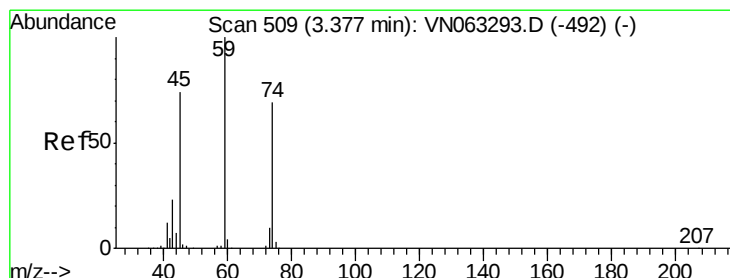
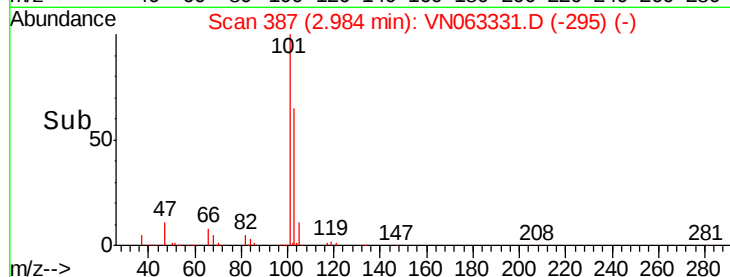
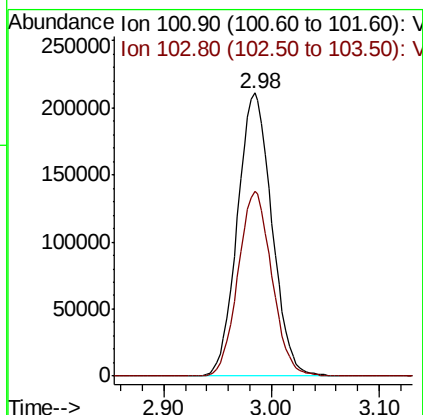
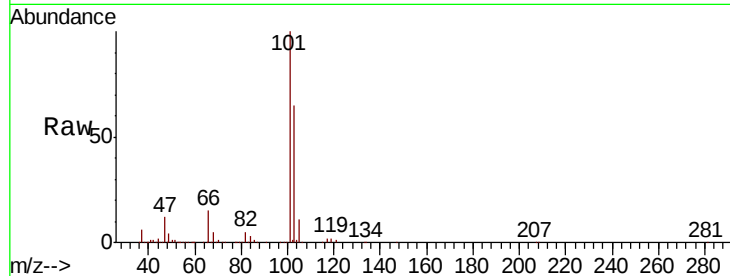


#7

Trichlorofluoromethane
 Concen: 45.724 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

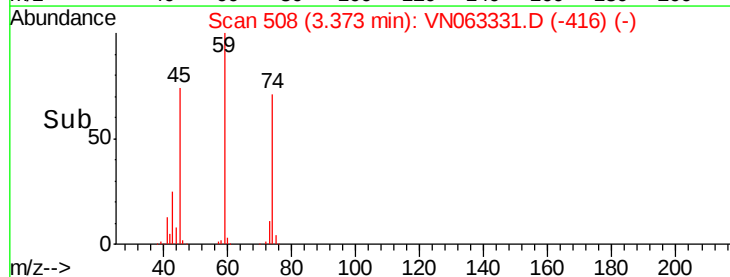
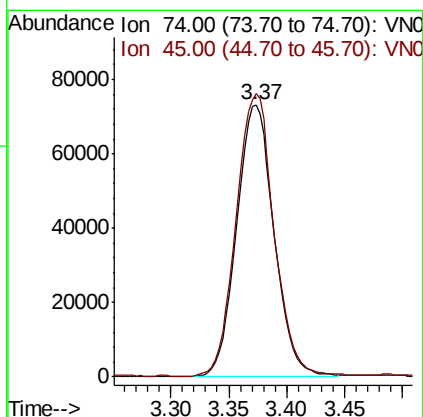
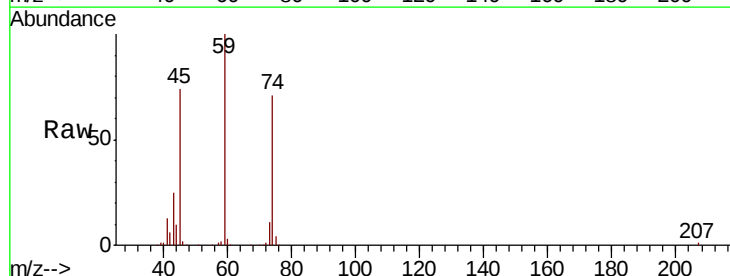
Tot Ion:101 Resp: 470019
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.4 78.6

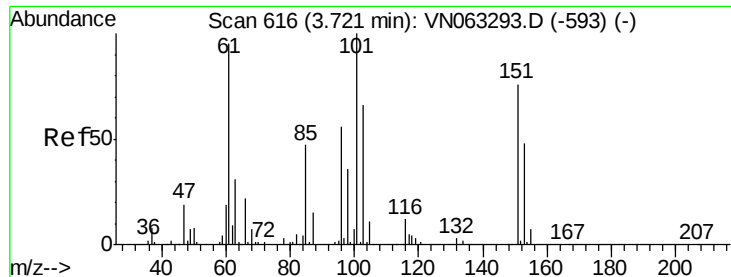


#8

Diethyl Ether
 Concen: 44.816 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion: 74 Resp: 164267
 Ion Ratio Lower Upper
 74 100
 45 106.5 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.636 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

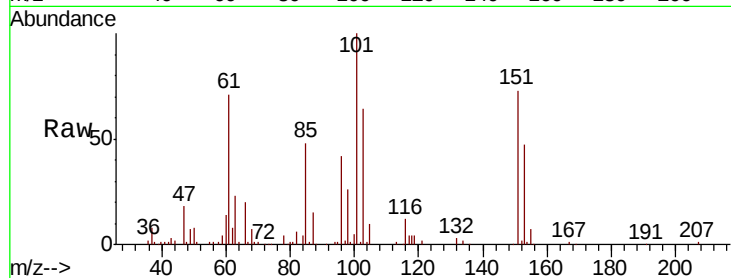
Tot Ion:101 Resp: 250461

Ion Ratio Lower Upper

101 100

85 47.5 36.9 55.3

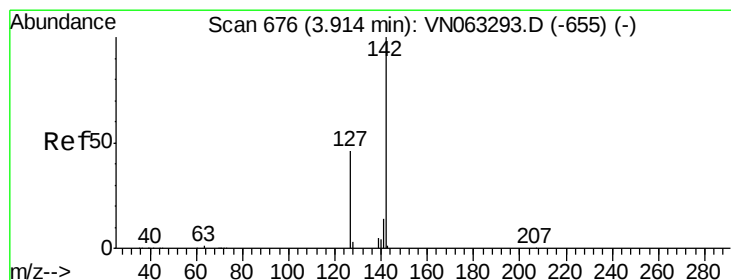
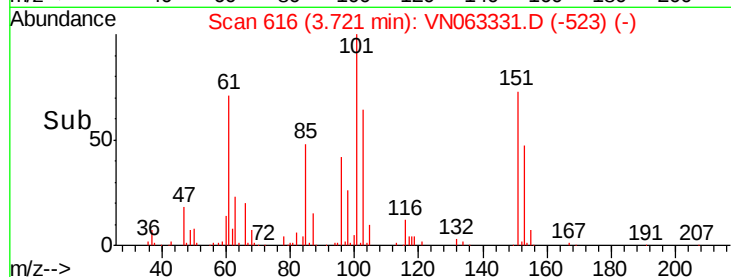
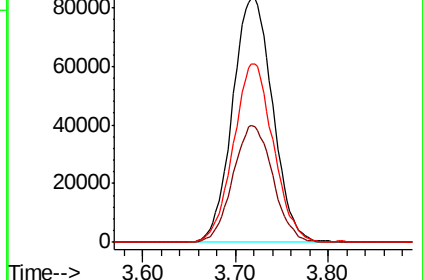
151 72.6 57.8 86.8



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: 47.477 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

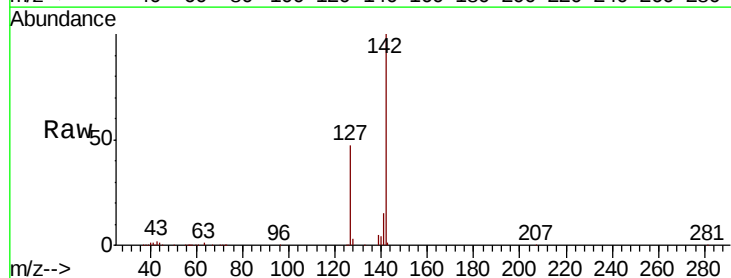
Tgt Ion:142 Resp: 330532

Ion Ratio Lower Upper

142 100

127 46.3 37.1 55.7

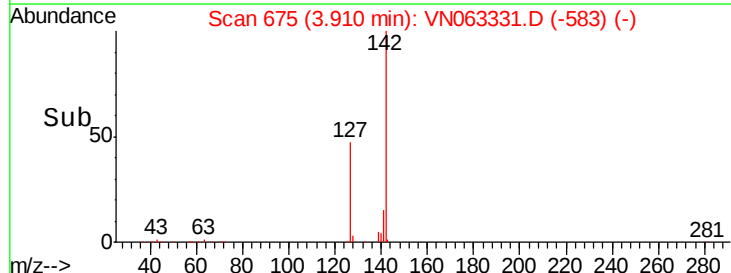
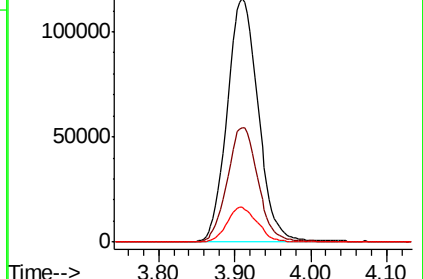
141 14.0 11.6 17.4

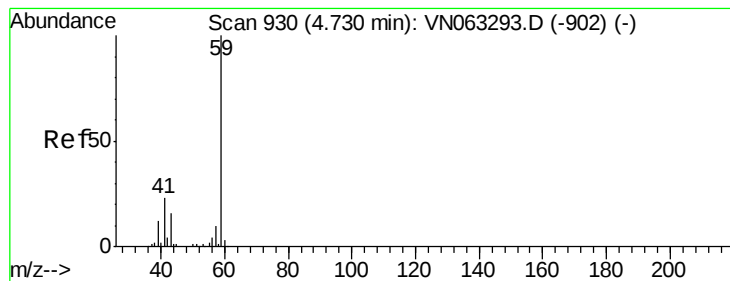


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



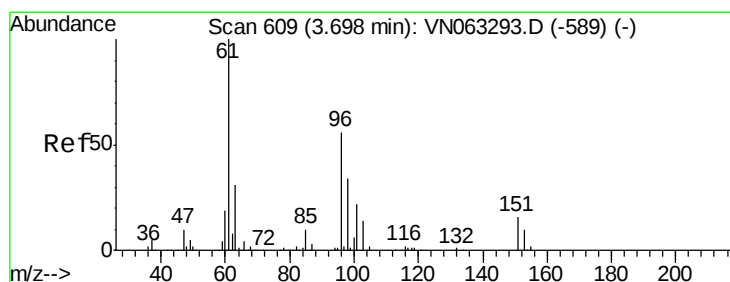
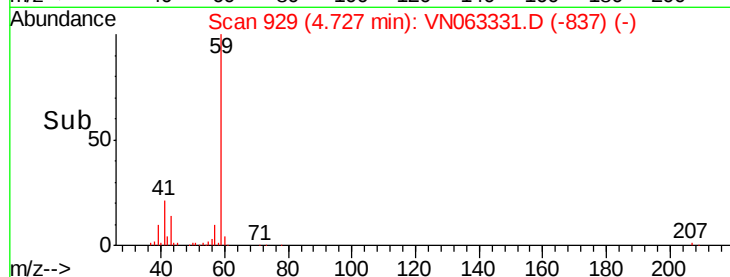
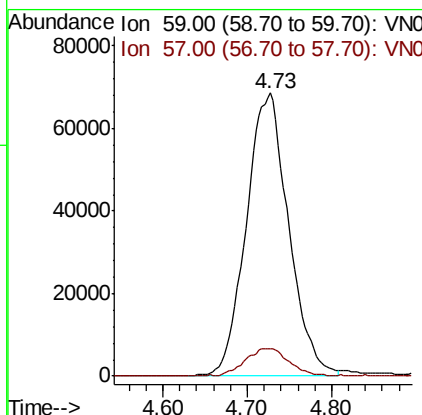
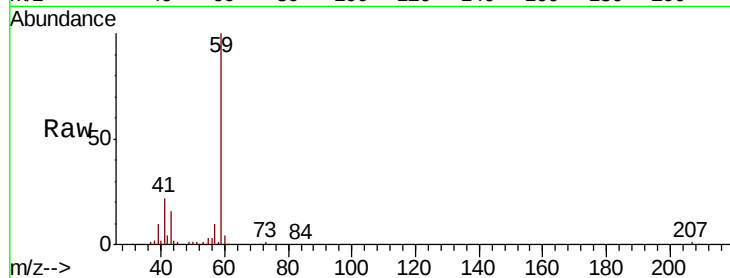


#11

Tert butyl alcohol
 Concen: 235.791 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

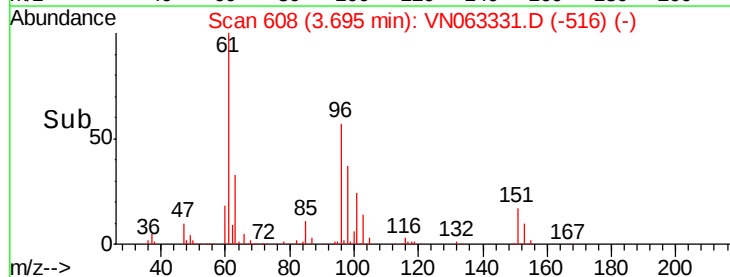
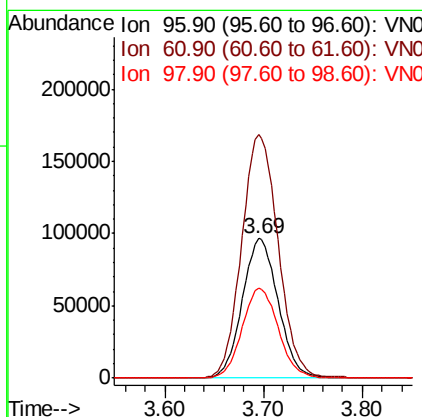
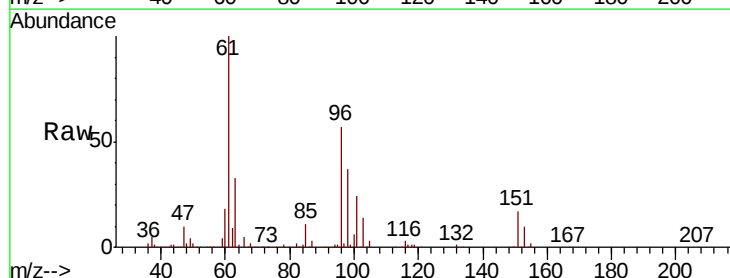
Tot Ion: 59 Resp: 239619
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.3 12.5

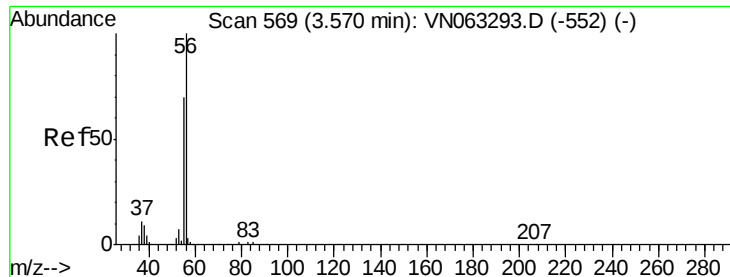


#12

1,1-Dichloroethene
 Concen: 45.474 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion: 96 Resp: 243788
 Ion Ratio Lower Upper
 96 100
 61 174.5 142.1 213.1
 98 64.2 48.8 73.2





#13

Acrolein

Concen: 282.630 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

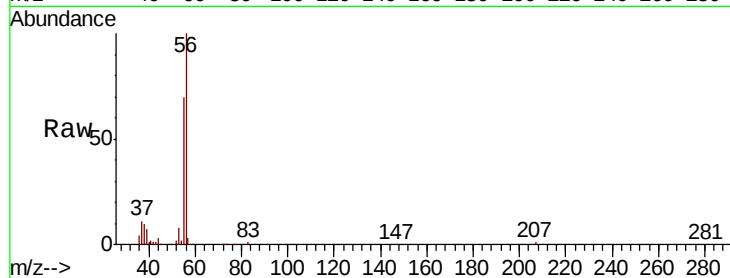
VSTDCCC050

Tot Ion: 56 Resp: 159270

Ion Ratio Lower Upper

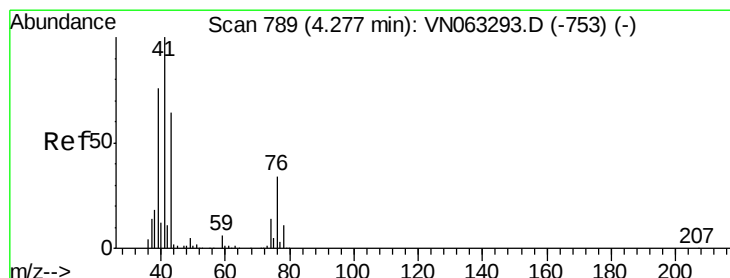
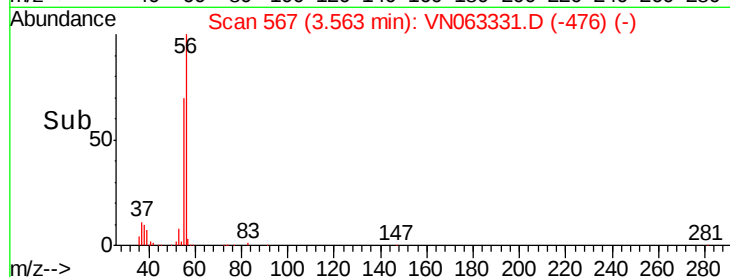
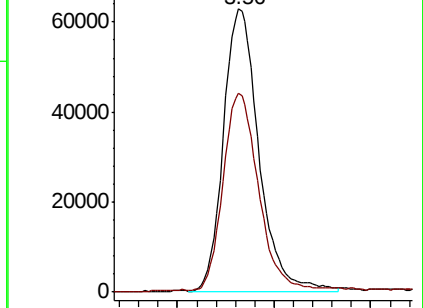
56 100

55 69.4 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VN063331.D (-476) (-)

Ion 55.00 (54.70 to 55.70): VN063331.D (-476) (-)



#14

Allyl chloride

Concen: 43.884 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

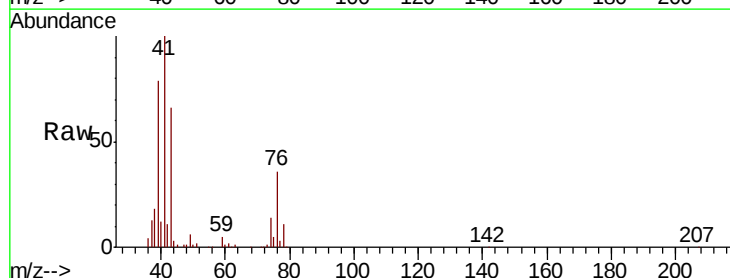
Tgt Ion: 41 Resp: 482957

Ion Ratio Lower Upper

41 100

39 74.7 57.4 86.2

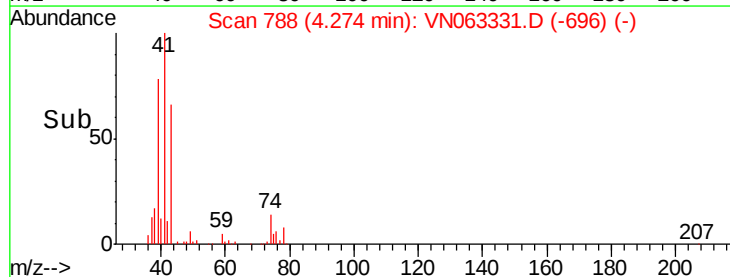
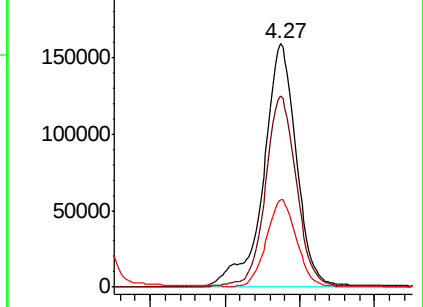
76 32.5 25.7 38.5

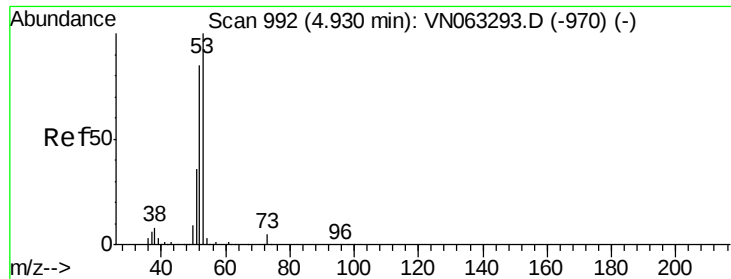


Abundance Ion 41.00 (40.70 to 41.70): VN063331.D (-696) (-)

Ion 39.00 (38.70 to 39.70): VN063331.D (-696) (-)

Ion 75.90 (75.60 to 76.60): VN063331.D (-696) (-)





#15

Acrylonitrile

Concen: 234.248 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

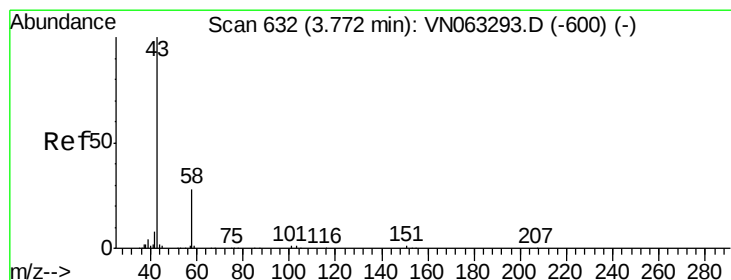
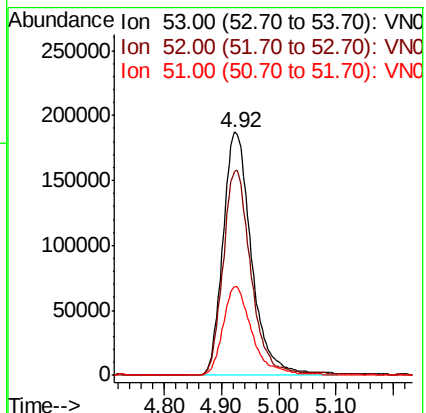
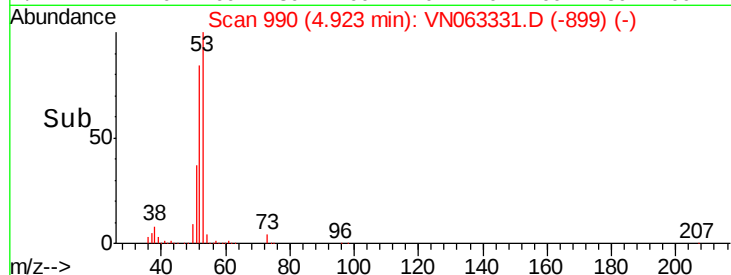
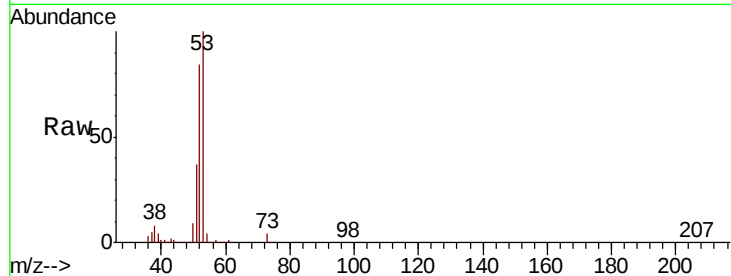
Tot Ion: 53 Resp: 650869

Ion Ratio Lower Upper

53 100

52 81.9 66.5 99.7

51 36.7 29.8 44.6



#16

Acetone

Concen: 263.012 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.00 min

Lab File: VN063331.D

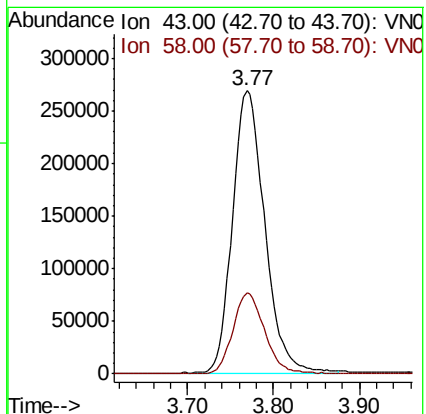
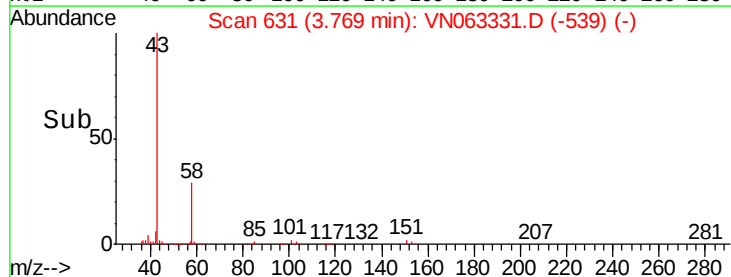
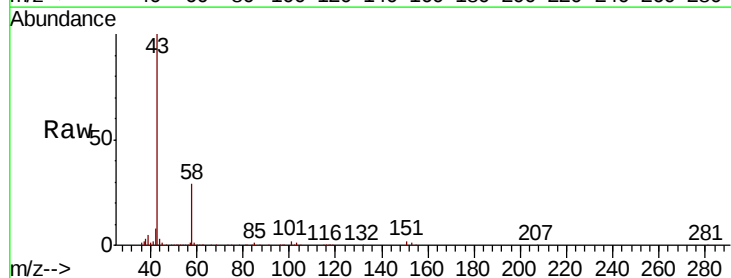
Acq: 14 Sep 2020 9:58

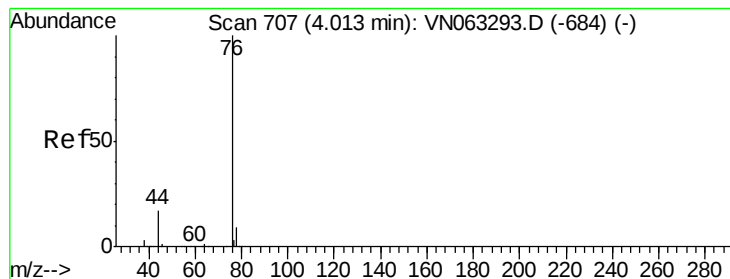
Tgt Ion: 43 Resp: 698063

Ion Ratio Lower Upper

43 100

58 28.5 22.6 34.0





#17

Carbon Disulfide

Concen: 46.608 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

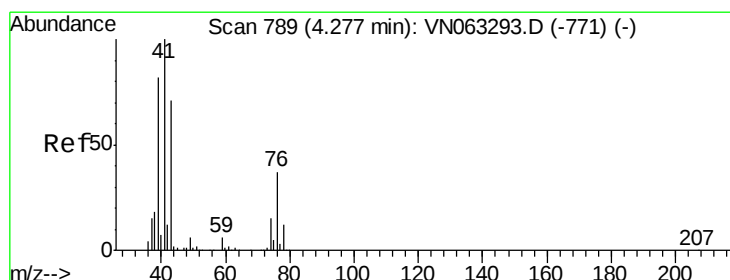
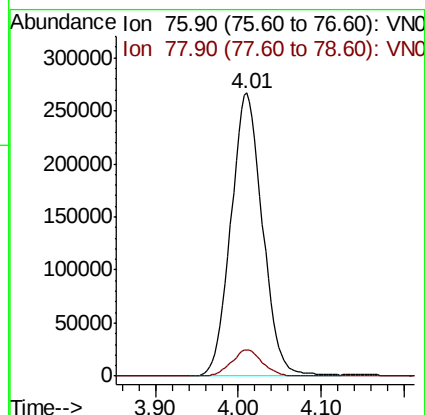
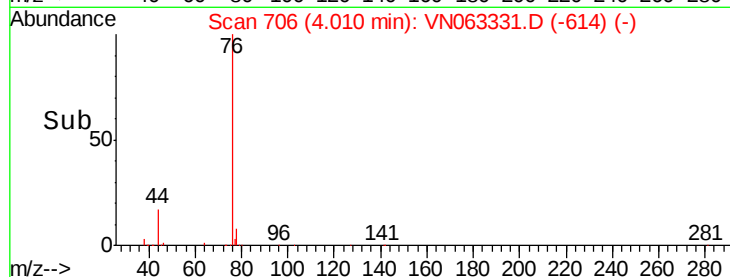
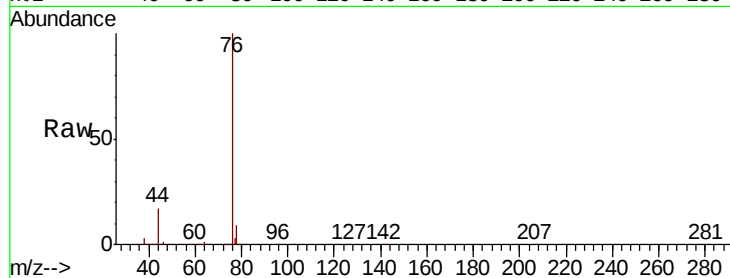
VSTDCCC050

Tot Ion: 76 Resp: 707949

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



#18

Methyl Acetate

Concen: 45.159 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063331.D

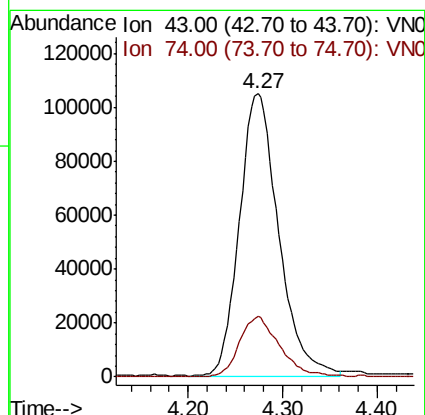
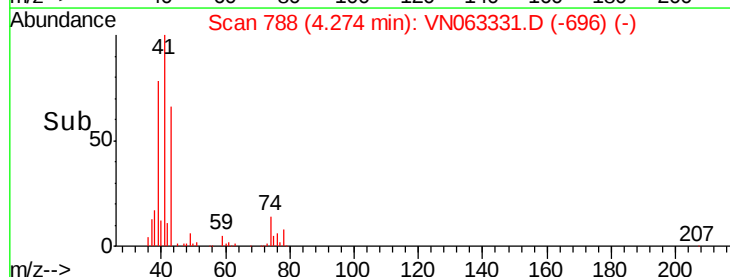
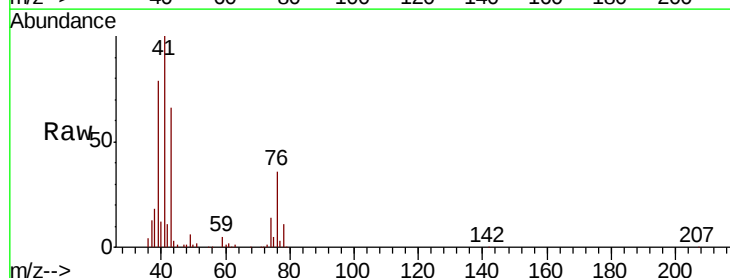
Acq: 14 Sep 2020 9:58

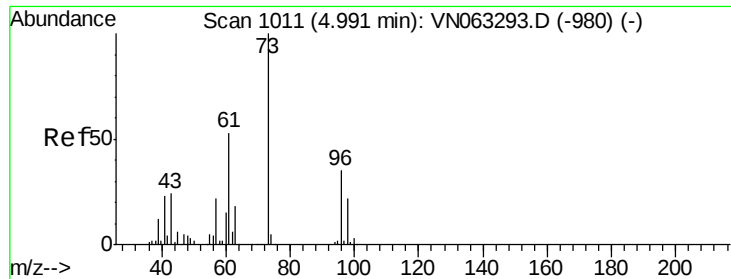
Tgt Ion: 43 Resp: 301299

Ion Ratio Lower Upper

43 100

74 22.0 17.8 26.6

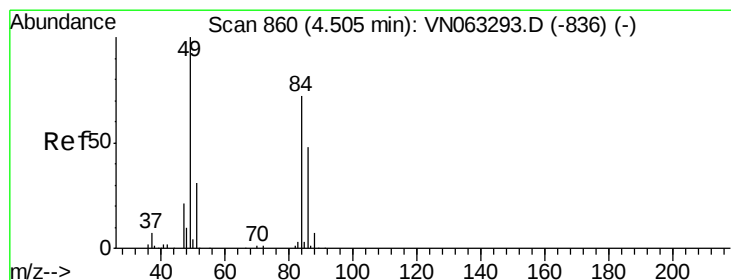
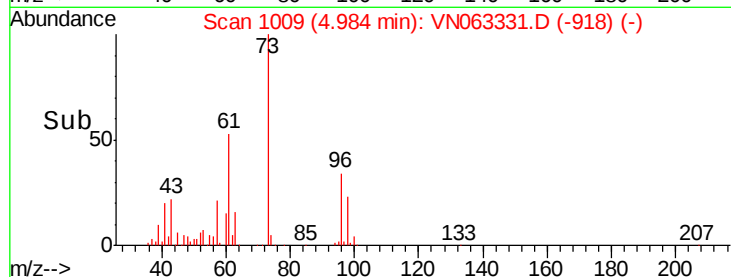
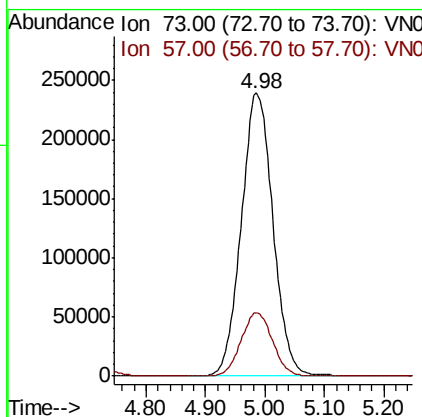
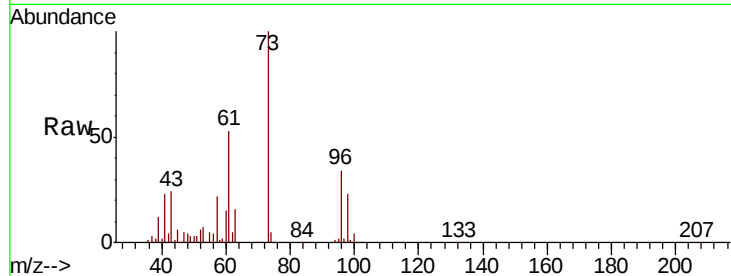




#19
Methyl tert-butyl Ether
Concen: 46.471 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

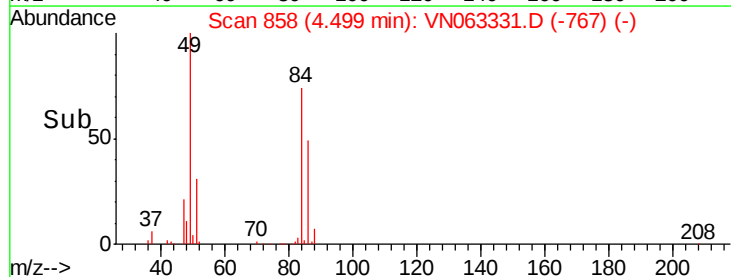
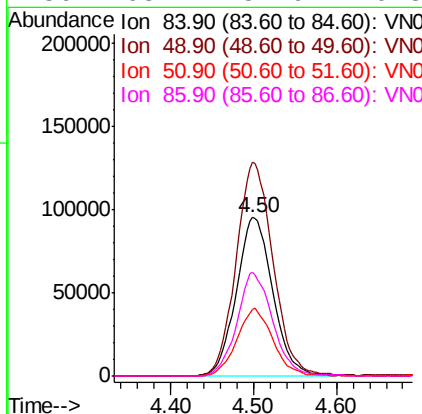
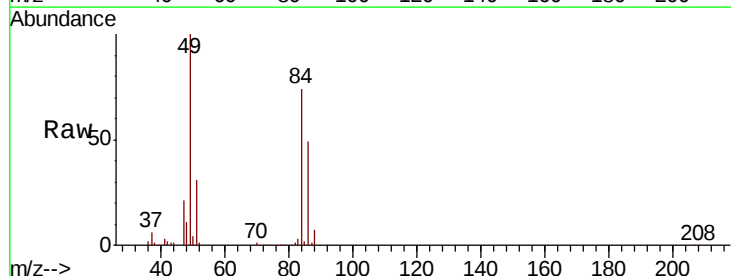
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

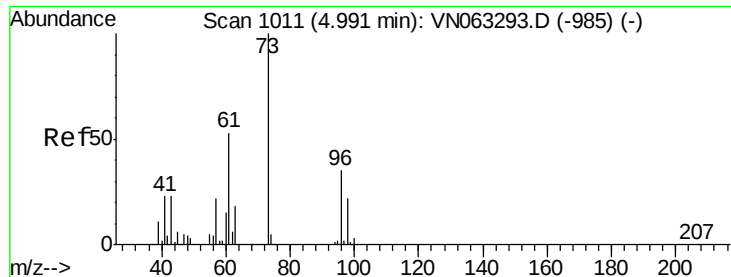
Tot Ion: 73 Resp: 890227
Ion Ratio Lower Upper
73 100
57 22.4 17.5 26.3



#20
Methylene Chloride
Concen: 48.078 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion: 84 Resp: 290813
Ion Ratio Lower Upper
84 100
49 135.1 111.1 166.7
51 42.1 34.3 51.5
86 65.7 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 45.066 ug/l

RT: 4.98 min Scan# 1008

Delta R.T. -0.01 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

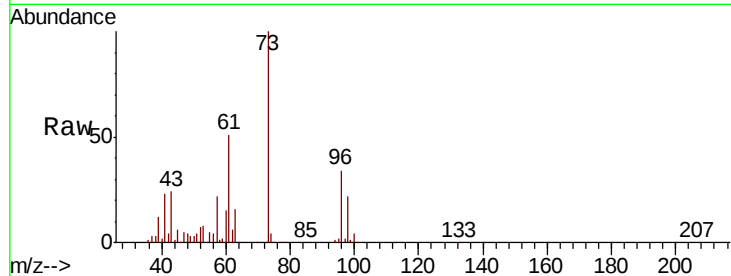
Tot Ion: 96 Resp: 270374

Ion Ratio Lower Upper

96 100

61 149.6 121.8 182.8

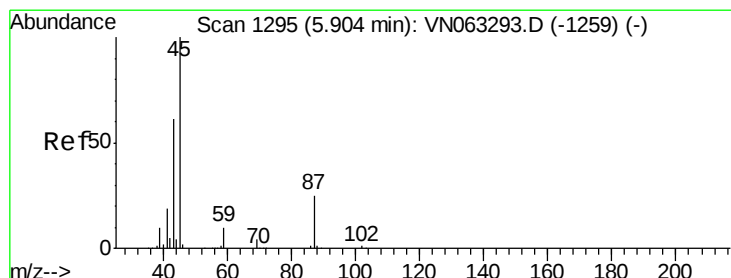
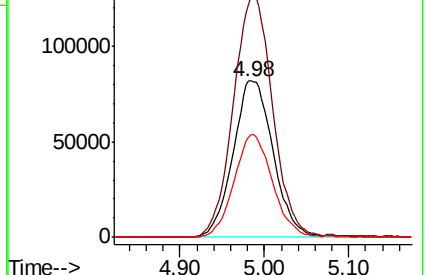
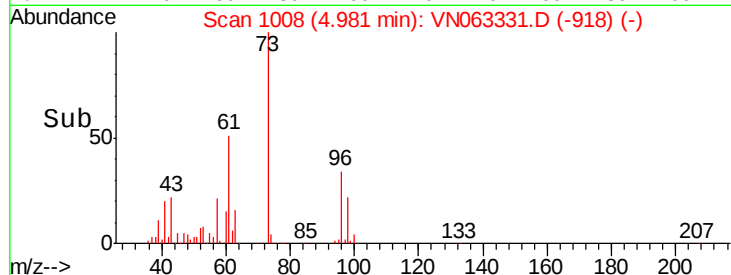
98 64.6 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VN063331.D (-918) (-)

Ion 60.90 (60.60 to 61.60): VN063331.D (-918) (-)

Ion 97.90 (97.60 to 98.60): VN063331.D (-918) (-)



#22

Diisopropyl ether

Concen: 45.759 ug/l

RT: 5.89 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Tgt Ion: 45 Resp: 991058

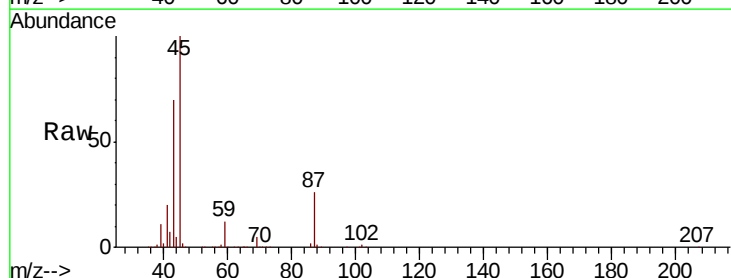
Ion Ratio Lower Upper

45 100

43 70.1 50.3 75.5

87 26.0 20.7 31.1

59 11.7 8.4 12.6

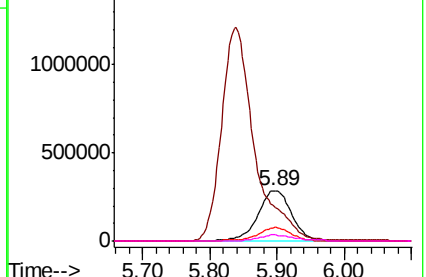
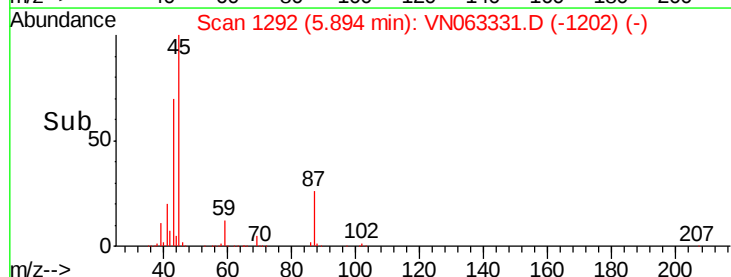


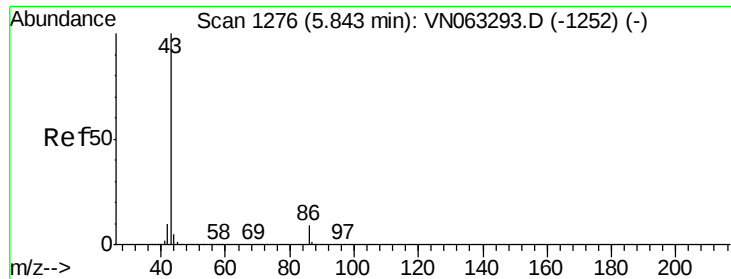
Abundance Ion 45.00 (44.70 to 45.70): VN063331.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN063331.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN063331.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN063331.D (-1202) (-)





#23

Vinyl Acetate

Concen: 243.684 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

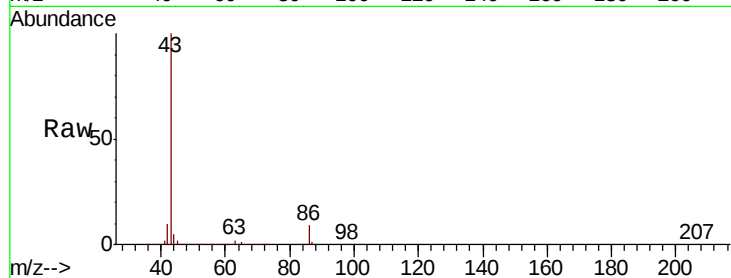
VSTDCCC050

Tot Ion: 43 Resp: 4154202

Ion Ratio Lower Upper

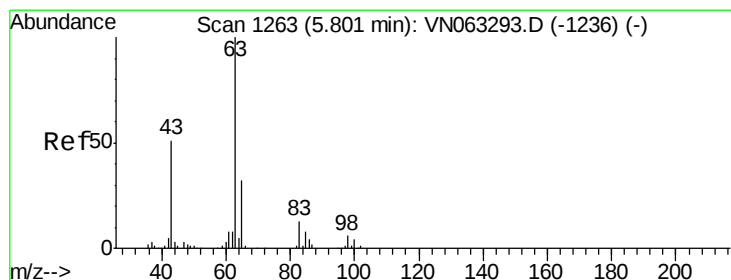
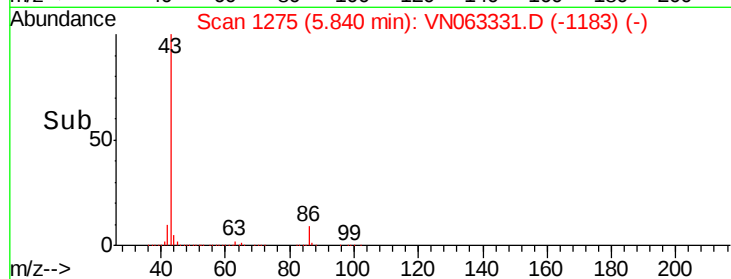
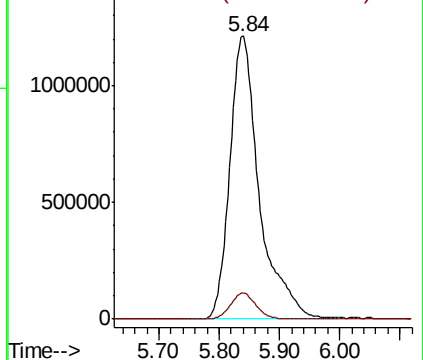
43 100

86 9.4 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 46.117 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.01 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

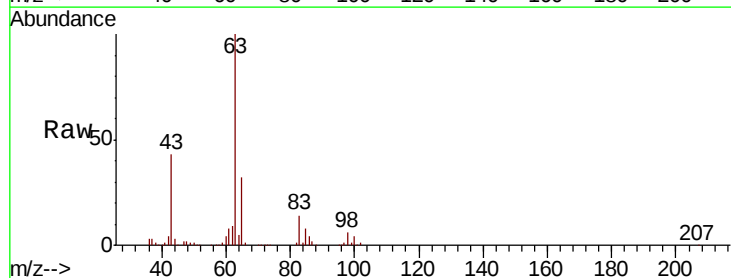
Tgt Ion: 63 Resp: 540895

Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

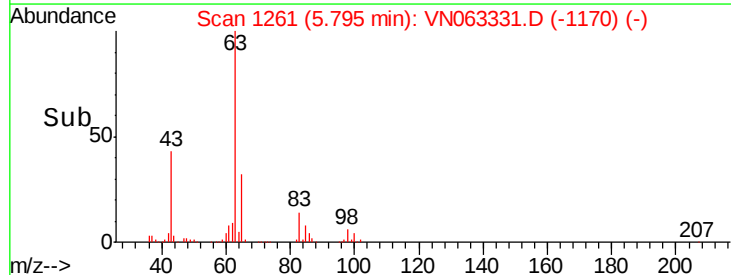
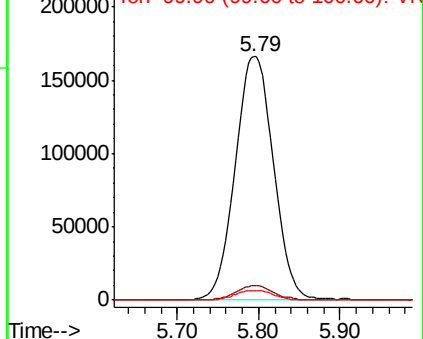
100 4.0 2.0 6.0

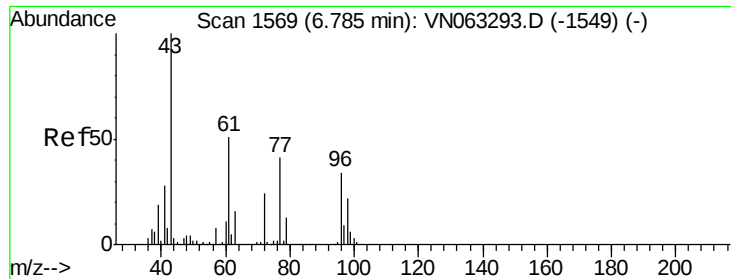


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

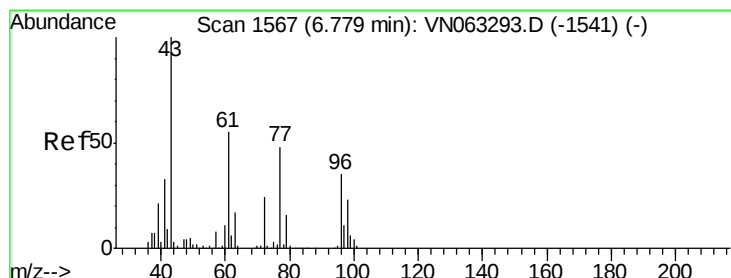
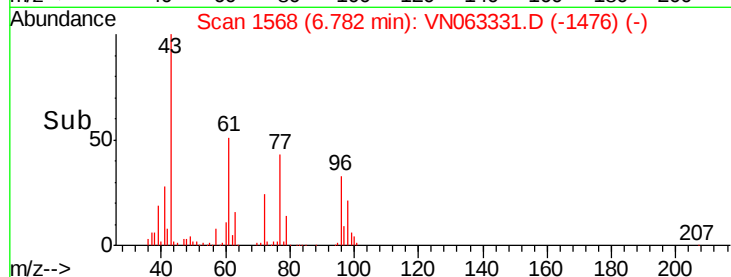
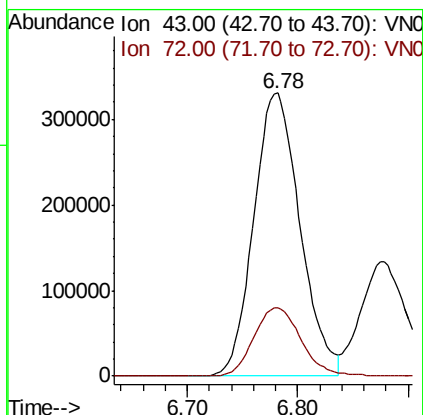
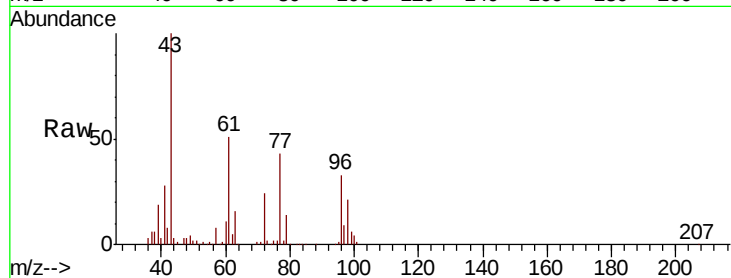




#25
2-Butanone
Concen: 244.370 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

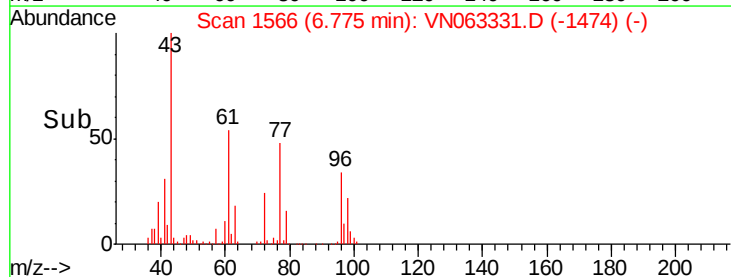
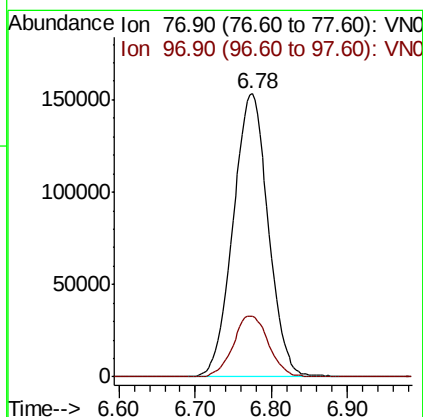
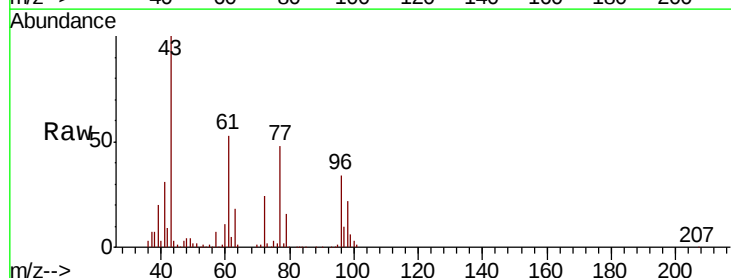
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

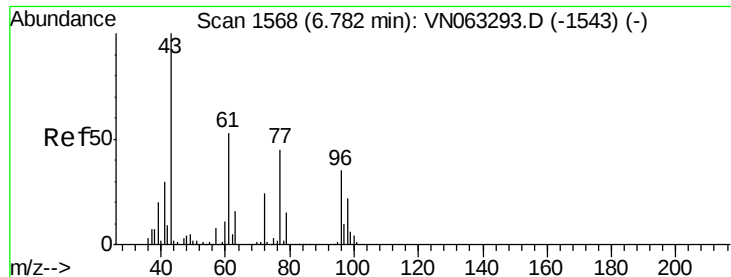
Tot Ion: 43 Resp: 958080
Ion Ratio Lower Upper
43 100
72 24.1 19.4 29.2



#26
2,2-Dichloropropane
Concen: 47.877 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion: 77 Resp: 492173
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 45.321 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

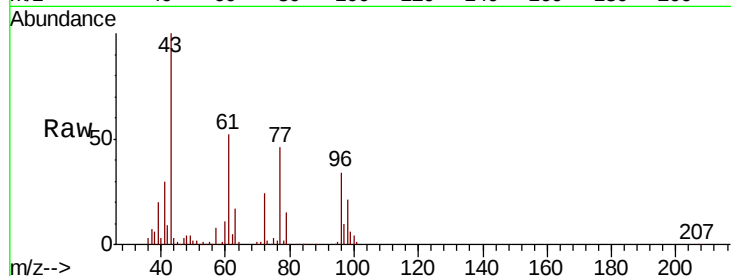
Tot Ion: 96 Resp: 316880

Ion Ratio Lower Upper

96 100

61 160.7 0.0 322.8

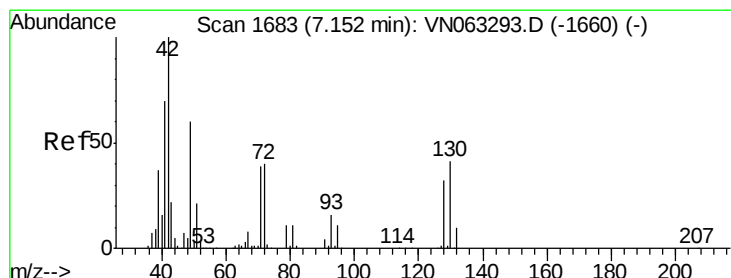
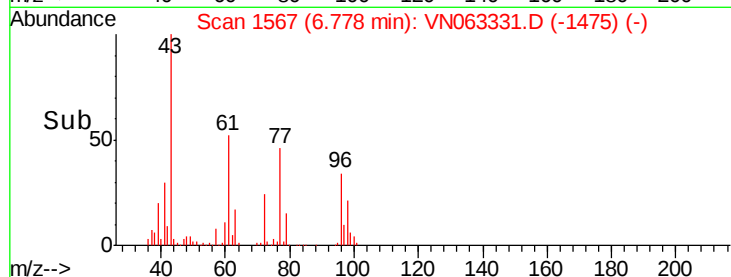
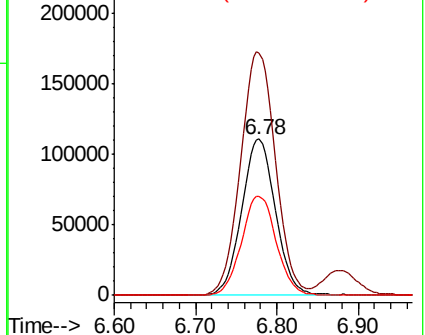
98 65.0 0.0 132.2



Abundance Ion 95.90 (95.60 to 96.60): VN063331.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN063331.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN063331.D (-1475) (-)



#28

Bromochloromethane

Concen: 47.813 ug/l

RT: 7.14 min Scan# 1681

Delta R.T. -0.01 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

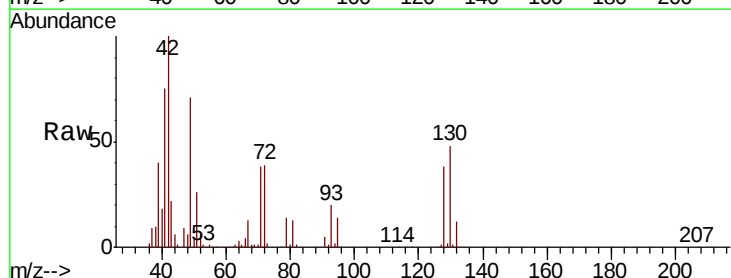
Tgt Ion: 49 Resp: 271932

Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.4

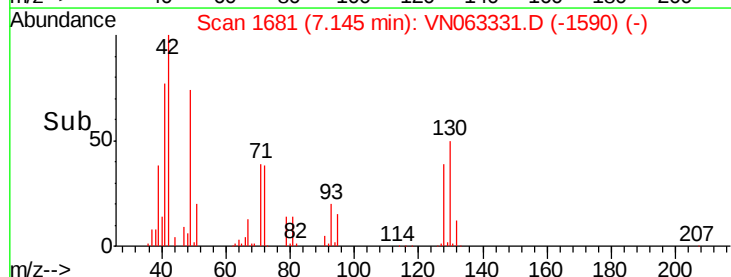
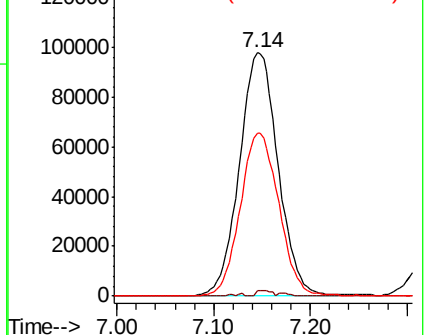
130 67.0 53.1 79.7

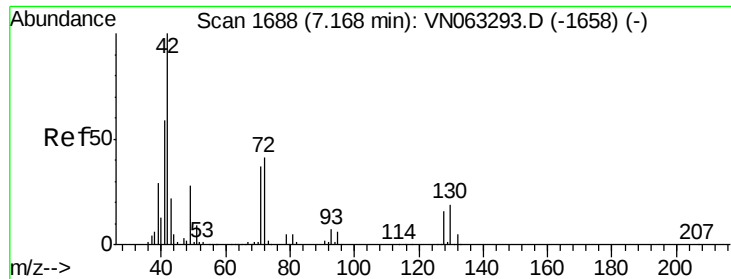


Abundance Ion 48.90 (48.60 to 49.60): VN063331.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN063331.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN063331.D (-1590) (-)

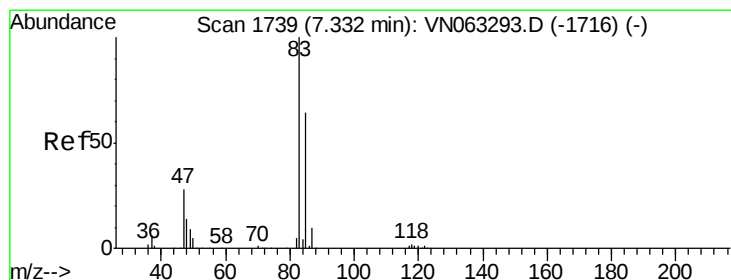
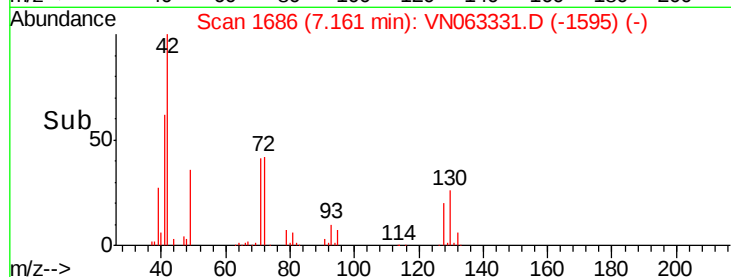
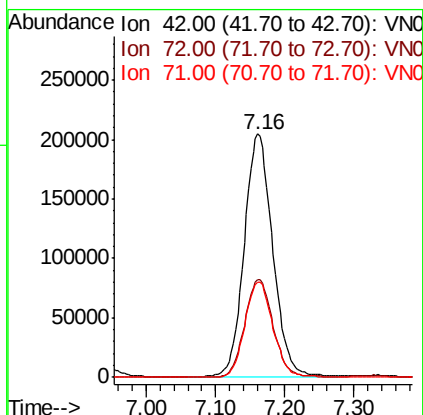
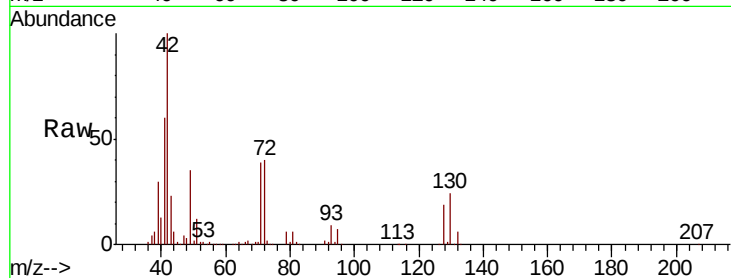




#29
Tetrahydrofuran
Concen: 228.787 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

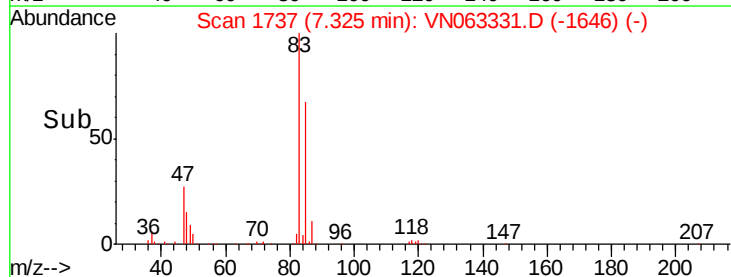
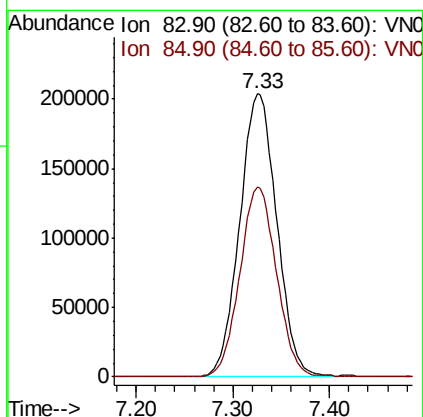
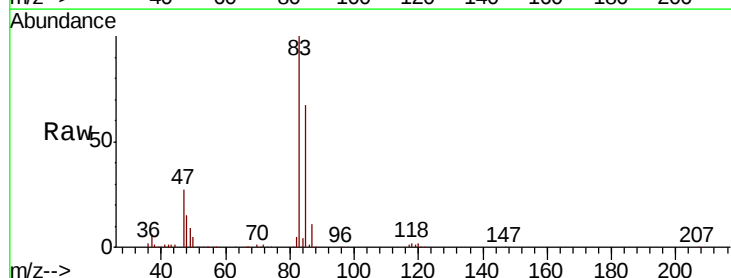
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

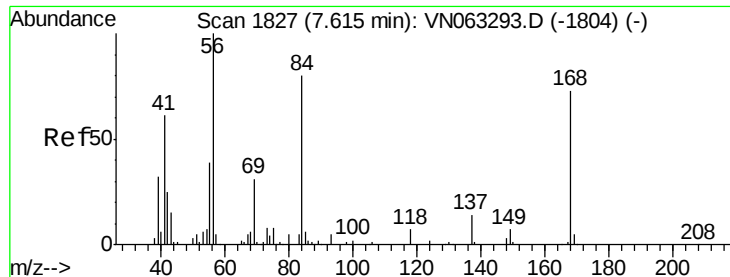
Tot Ion: 42 Resp: 584063
Ion Ratio Lower Upper
42 100
72 40.1 31.4 47.2
71 38.6 30.0 45.0



#30
Chloroform
Concen: 46.245 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion: 83 Resp: 543073
Ion Ratio Lower Upper
83 100
85 67.2 51.2 76.8

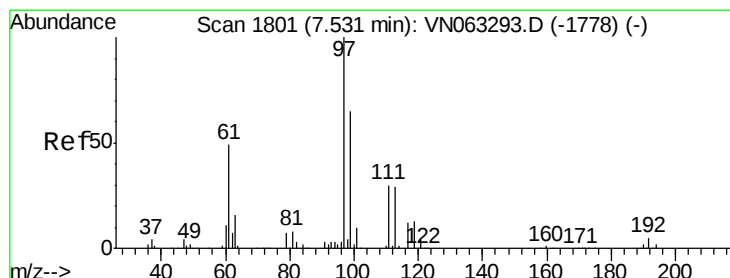
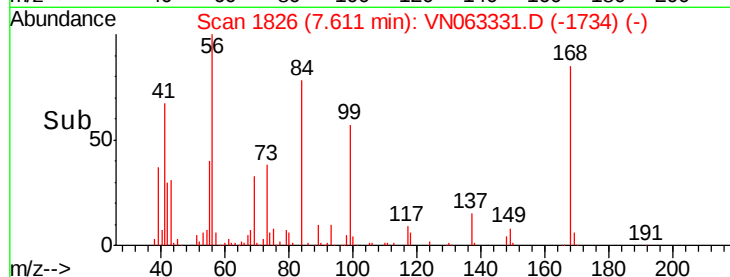
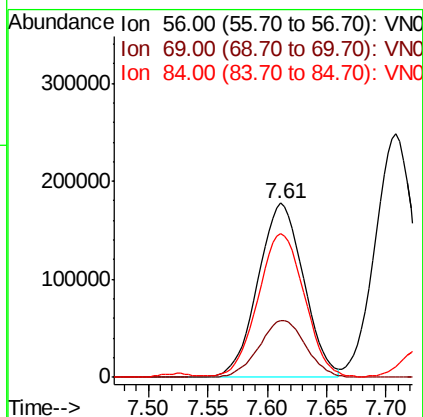
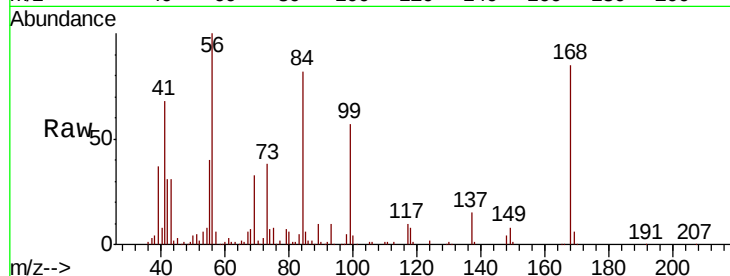




#31
Cyclohexane
Concen: 43.950 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

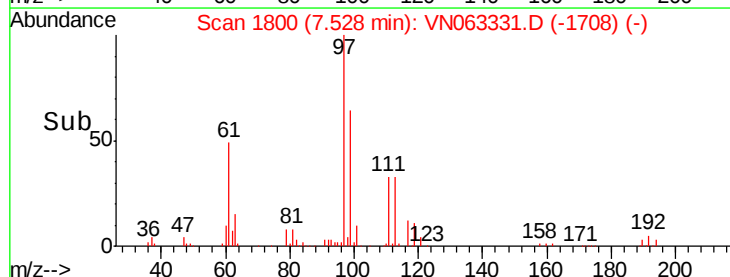
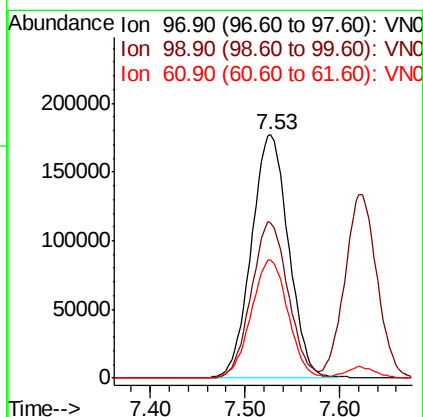
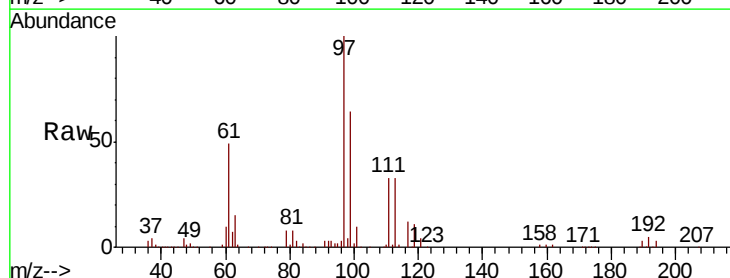
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

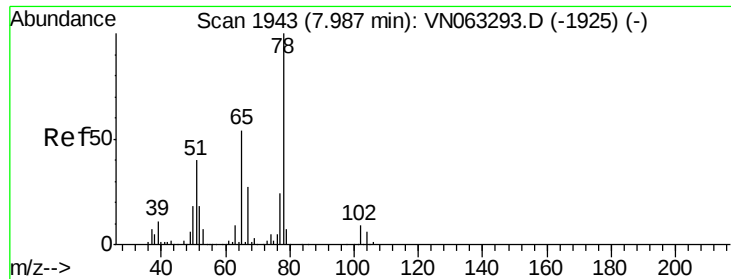
Tot Ion: 56 Resp: 473805
Ion Ratio Lower Upper
56 100
69 32.9 25.1 37.7
84 80.8 64.2 96.2



#32
1,1,1-Trichloroethane
Concen: 46.981 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion: 97 Resp: 480950
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.2
61 48.3 38.9 58.3

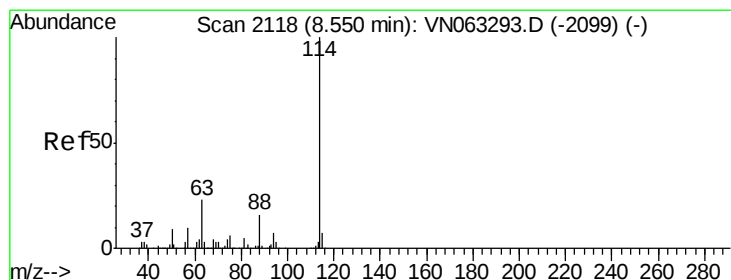
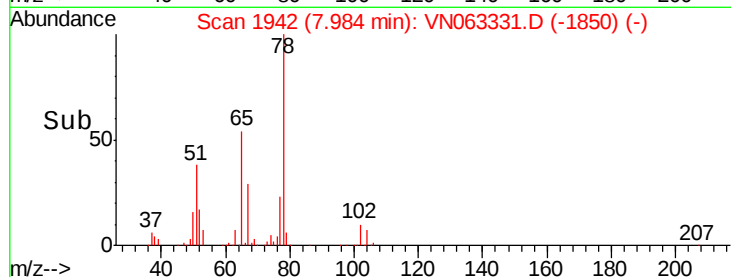
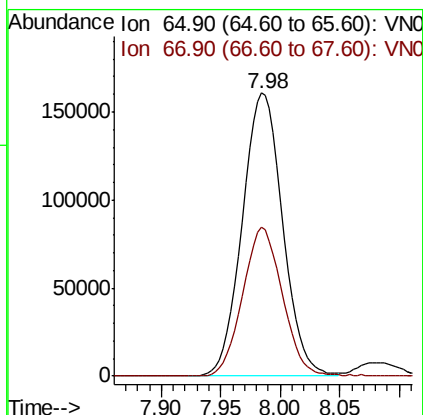
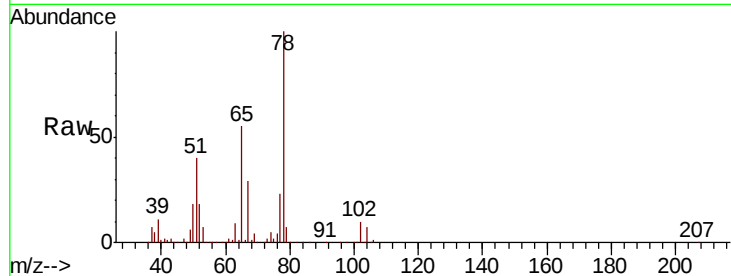




#33
 1,2-Dichloroethane-d4
 Concen: 49.274 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

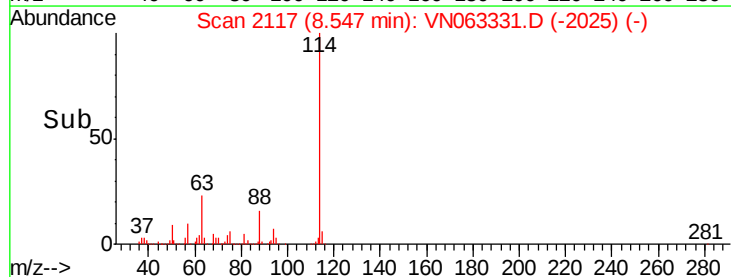
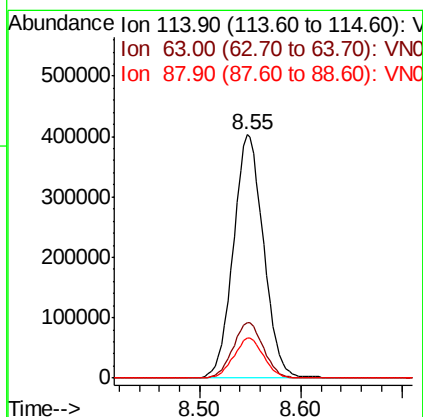
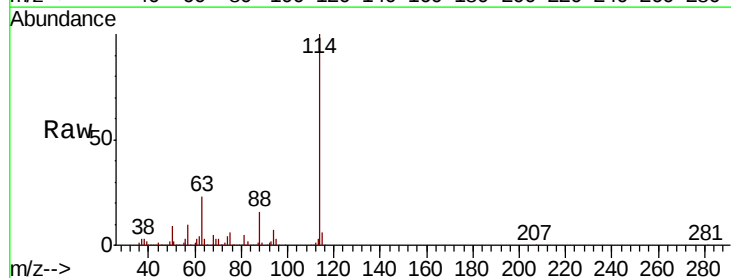
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

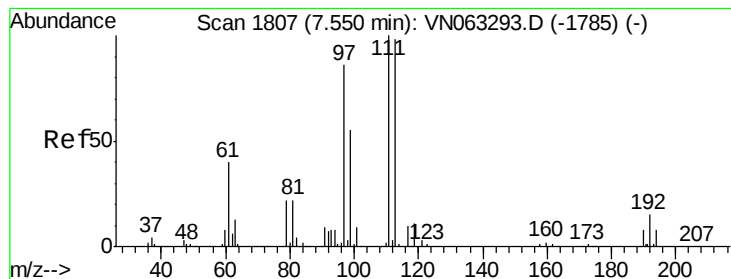
Tot Ion: 65 Resp: 378734
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion: 114 Resp: 836382
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 46.0
 88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.091 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

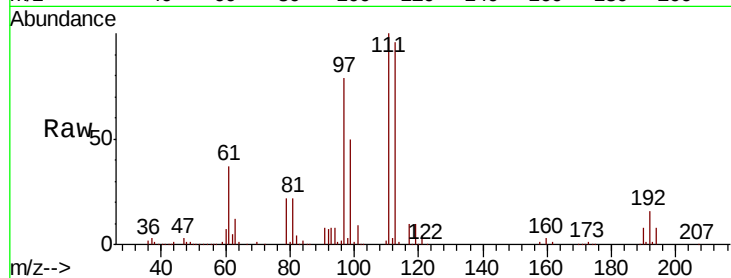
Tot Ion:113 Resp: 281071

Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.2

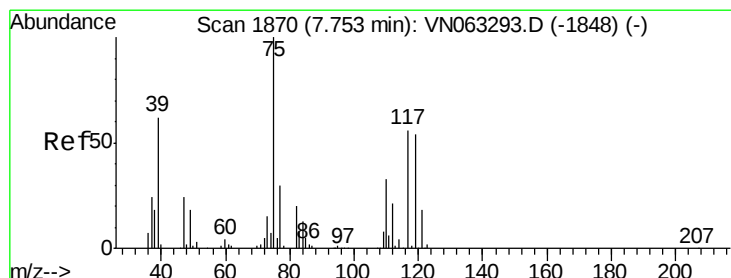
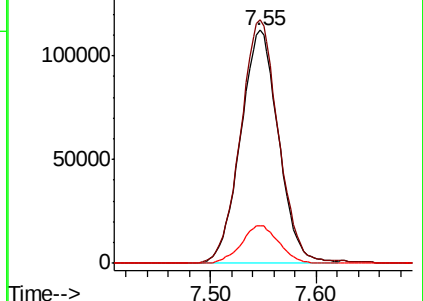
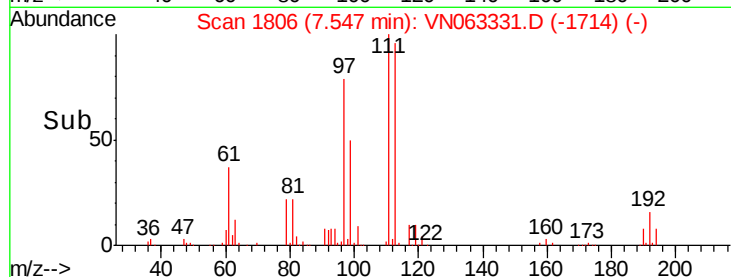
192 16.2 12.9 19.3



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: 48.731 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

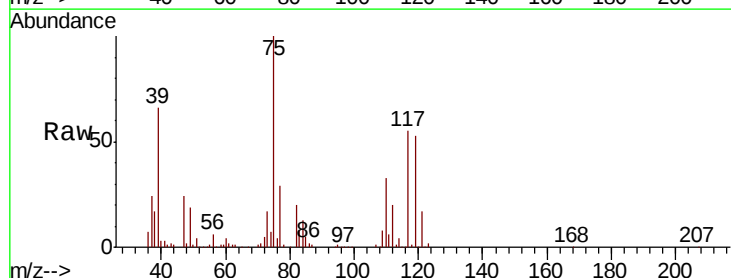
Tgt Ion: 75 Resp: 418947

Ion Ratio Lower Upper

75 100

110 32.8 16.4 49.4

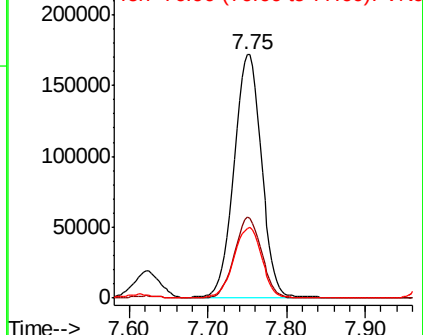
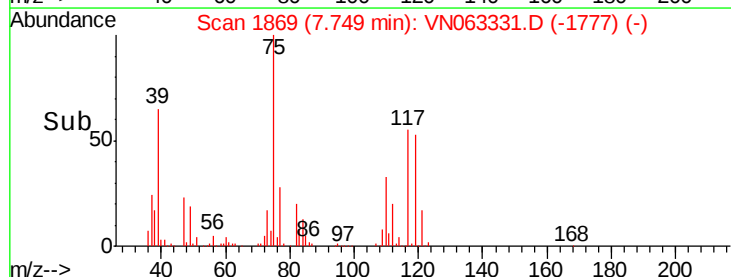
77 29.7 24.8 37.2

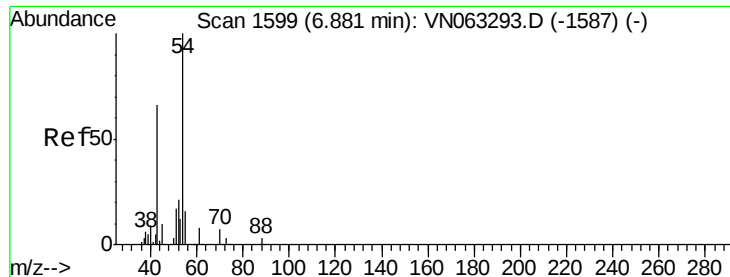


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

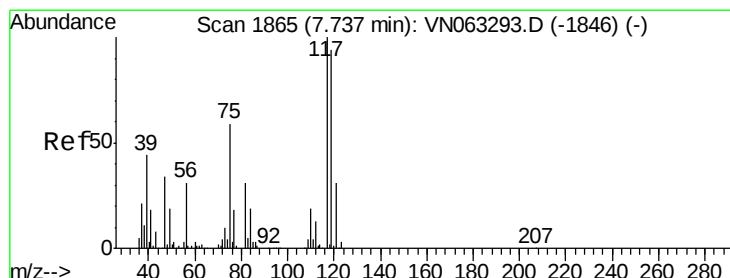
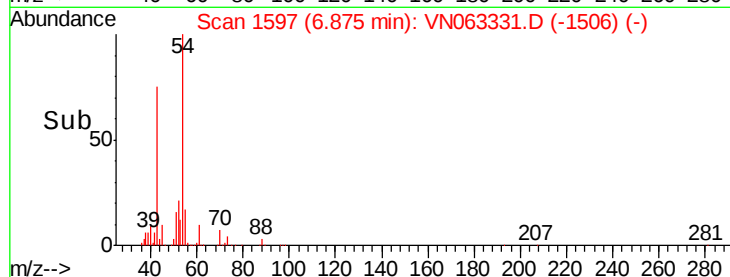
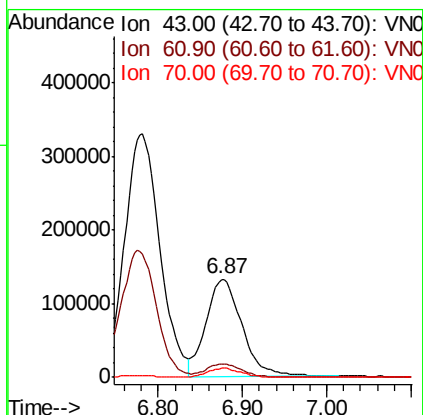
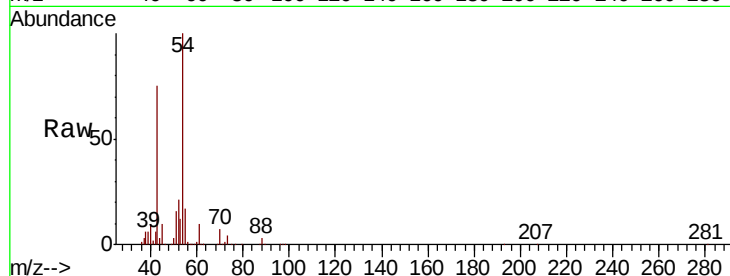




#37
Ethyl Acetate
Concen: 46.474 ug/l
RT: 6.87 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

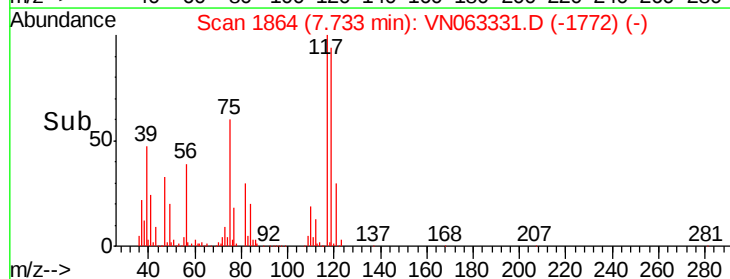
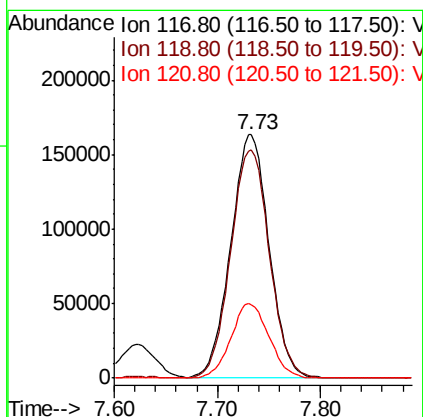
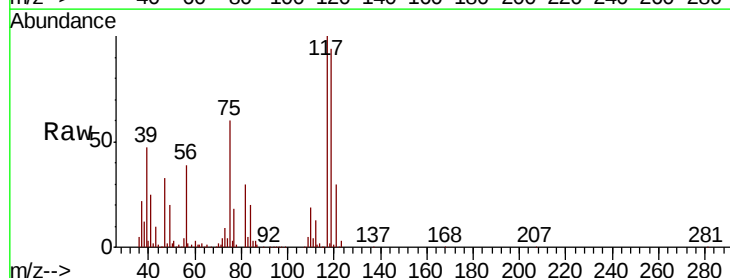
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

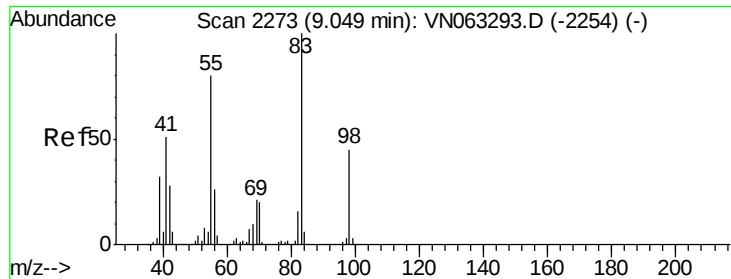
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.1	15.1
70	9.2	7.4	11.2



#38
Carbon Tetrachloride
Concen: 49.638 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.3	112.9
121	30.4	24.6	37.0

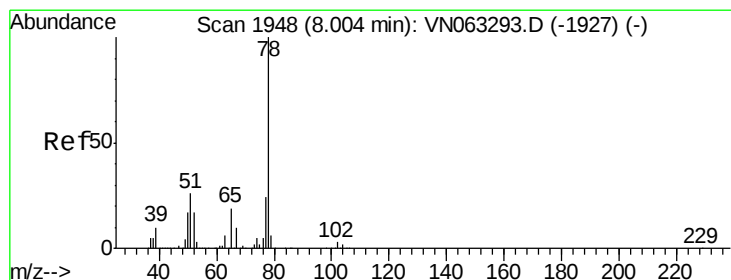
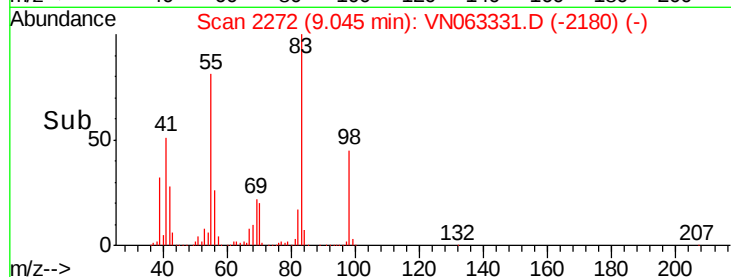
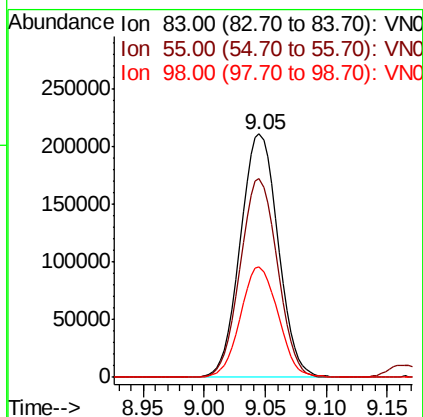
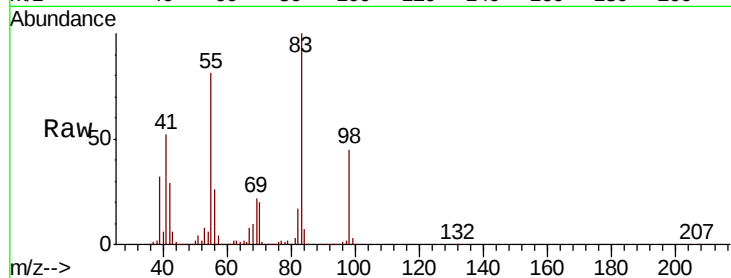




#39
Methvlcvclohexane
Concen: 48.159 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

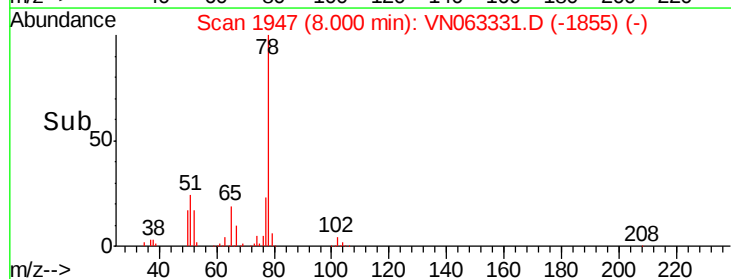
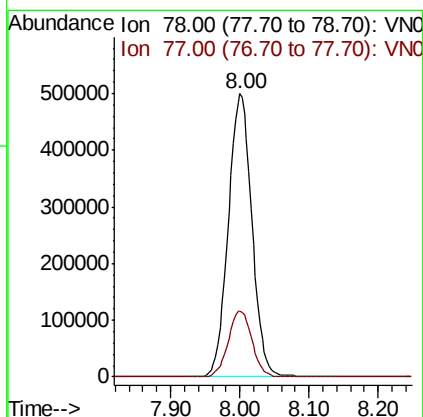
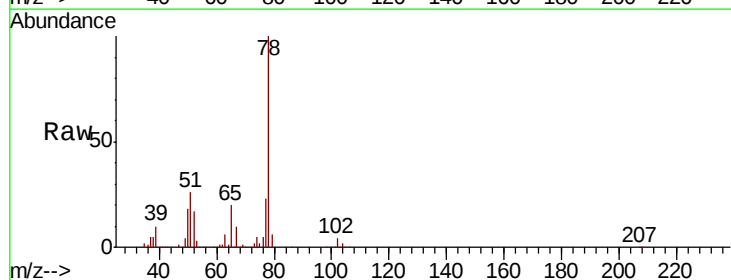
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

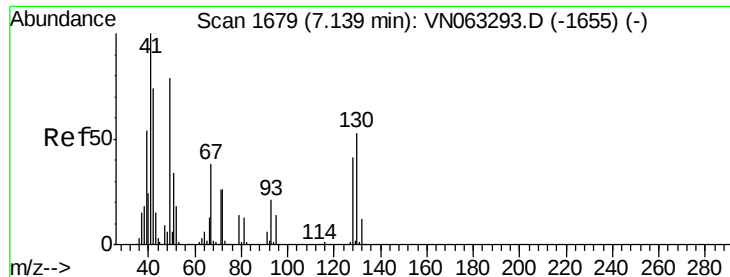
Tot Ion: 83 Resp: 451679
Ion Ratio Lower Upper
83 100
55 81.3 64.0 96.0
98 45.3 36.4 54.6



#40
Benzene
Concen: 48.446 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion: 78 Resp: 1189593
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2

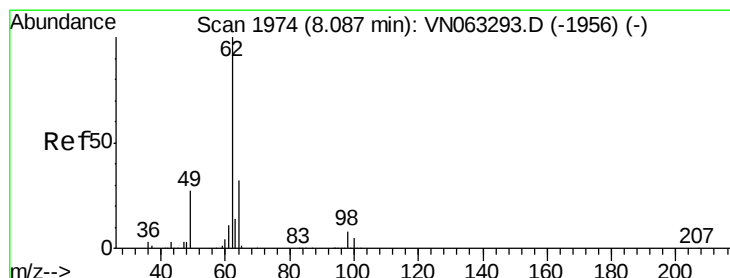
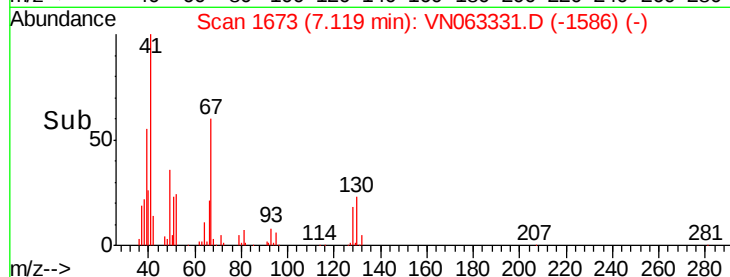
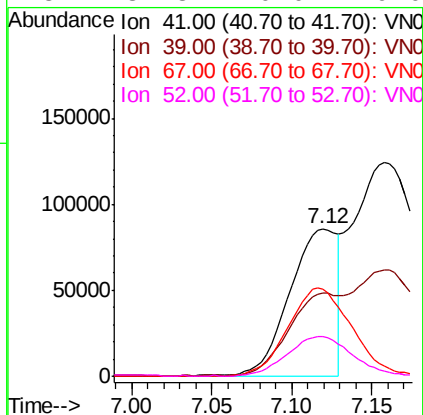
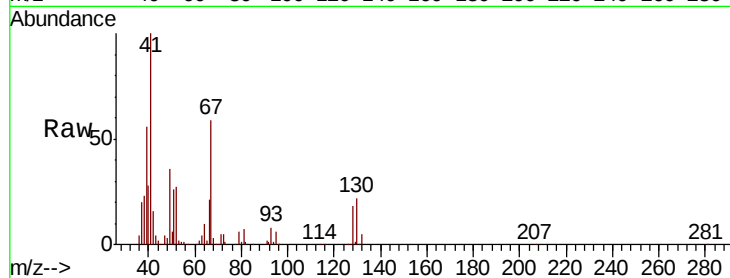




#41
Methacrylonitrile
Concen: 46.390 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.02 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

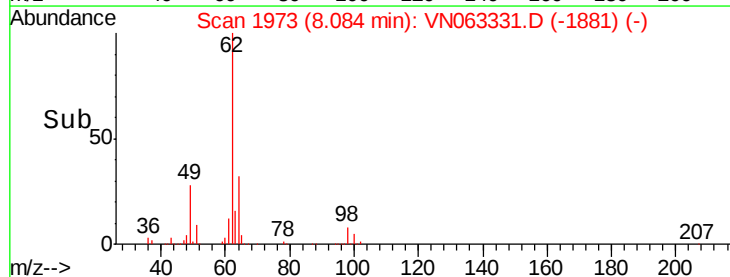
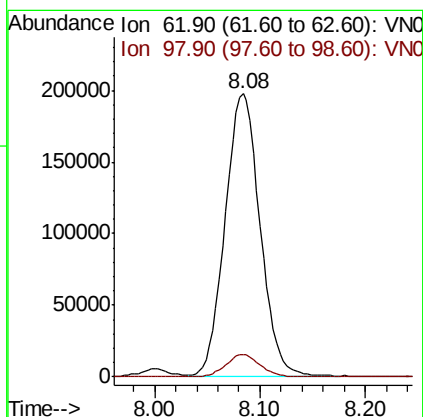
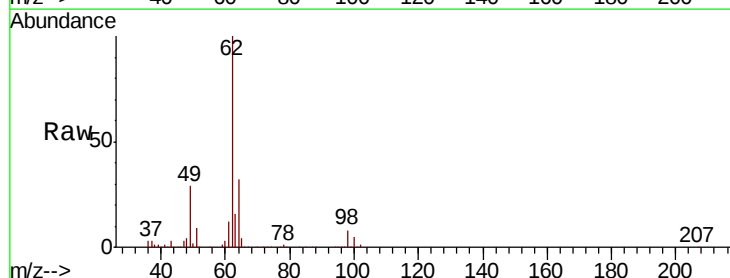
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

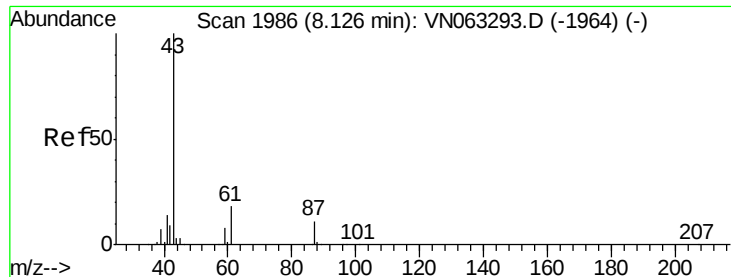
Tot Ion:	41	Resp:	177477
Ion	Ratio	Lower	Upper
41	100		
39	56.9	0.0	0.0#
67	80.4	0.0	0.0#
52	37.8	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 48.568 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion:	62	Resp:	452473
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.4





#43

Isopropyl Acetate

Concen: 48.267 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

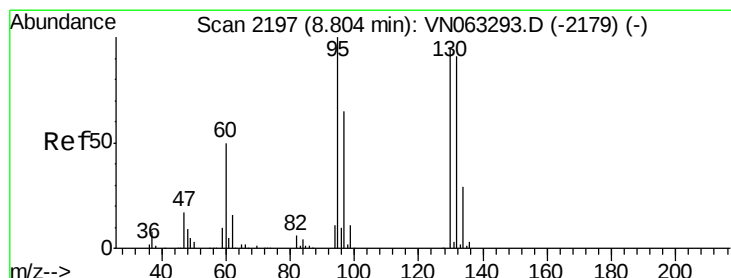
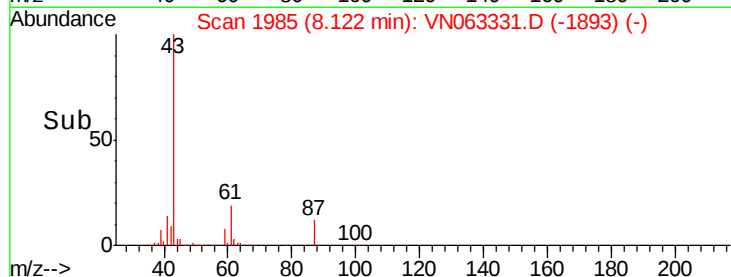
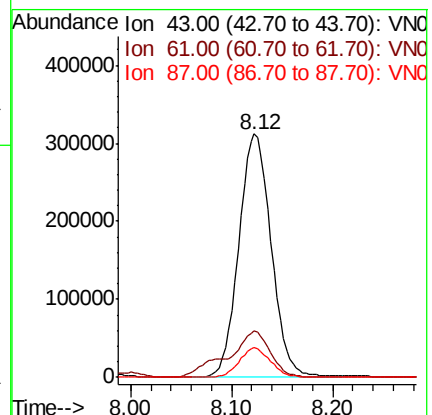
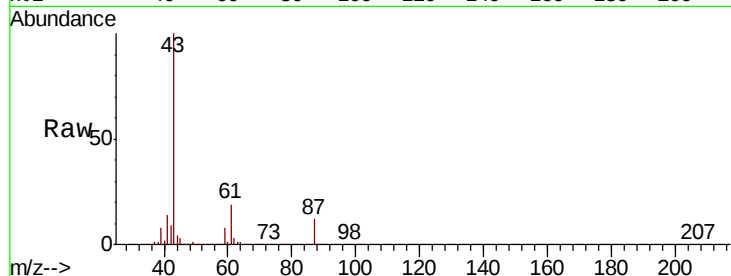
Tot Ion: 43 Resp: 691338

Ion Ratio Lower Upper

43 100

61 24.9 15.1 22.7#

87 11.7 9.2 13.8



#44

Trichloroethene

Concen: 48.513 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063331.D

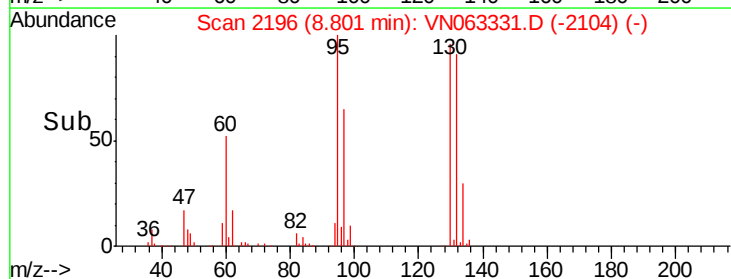
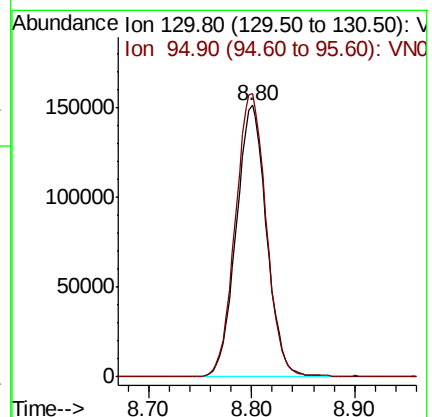
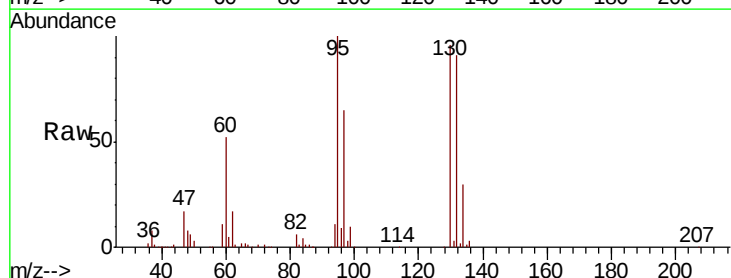
Acq: 14 Sep 2020 9:58

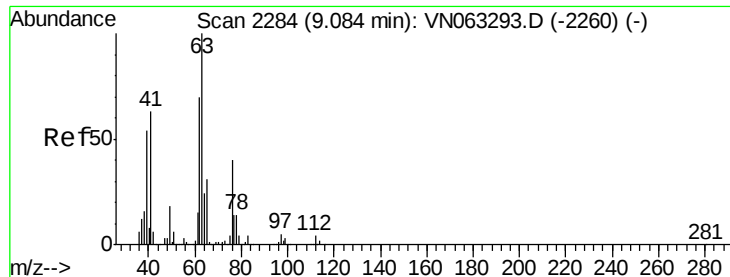
Tgt Ion: 130 Resp: 311525

Ion Ratio Lower Upper

130 100

95 104.3 0.0 210.8





#45

1,2-Dichloropropane

Concen: 48.059 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

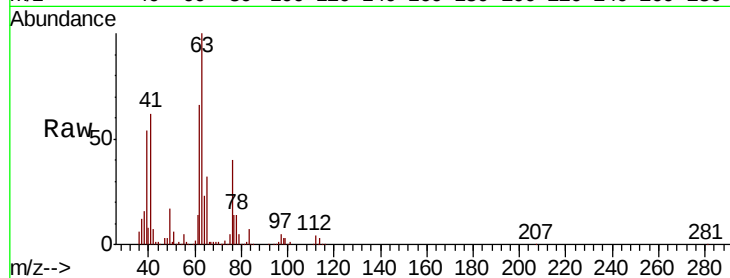
VSTDCCC050

Tot Ion: 63 Resp: 323689

Ion Ratio Lower Upper

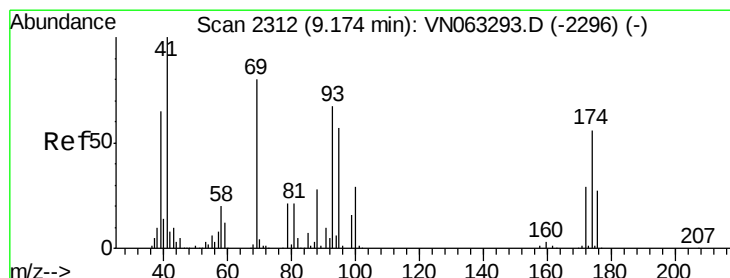
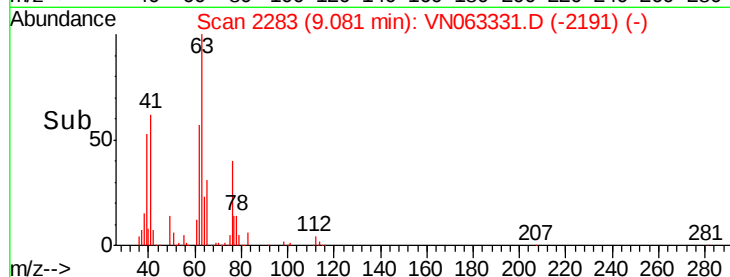
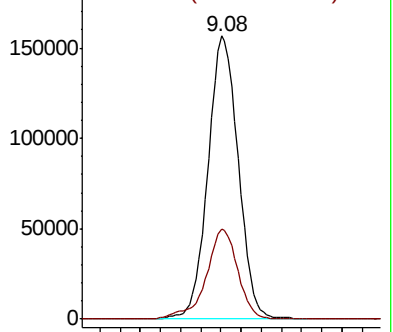
63 100

65 31.6 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 48.673 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

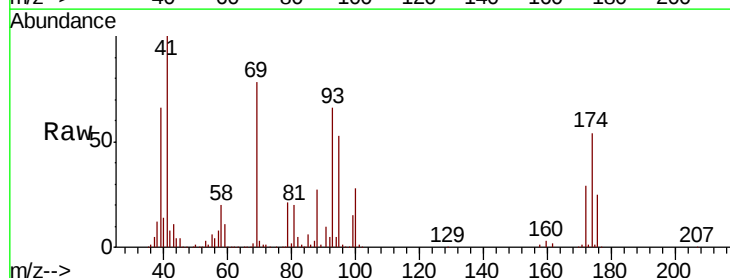
Tgt Ion: 93 Resp: 212583

Ion Ratio Lower Upper

93 100

95 81.7 67.9 101.9

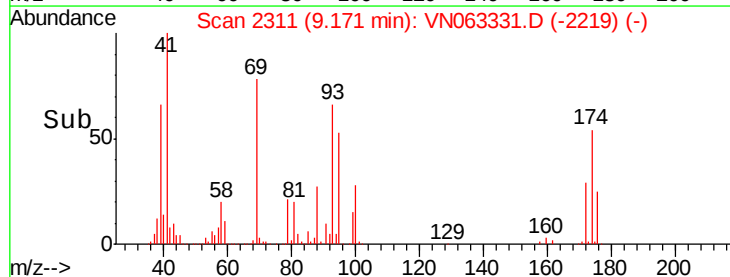
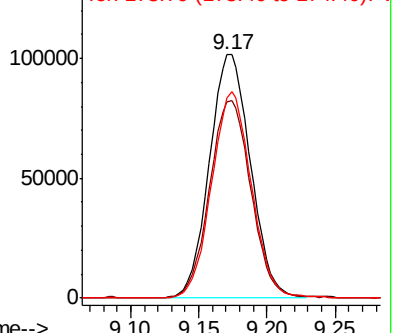
174 82.1 66.9 100.3

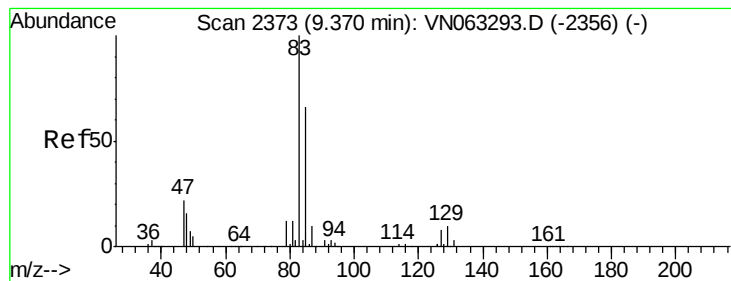


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.055 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

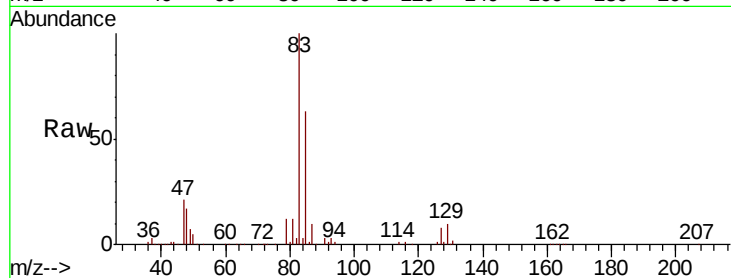
Tot Ion: 83 Resp: 446485

Ion Ratio Lower Upper

83 100

85 62.9 52.5 78.7

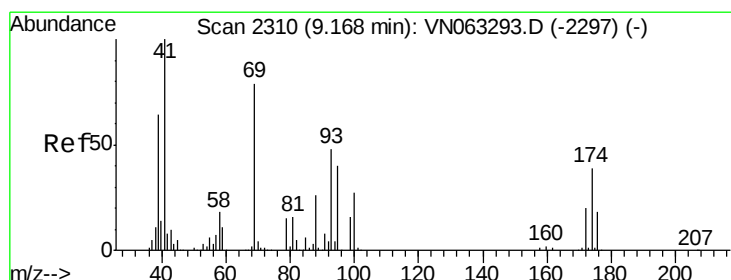
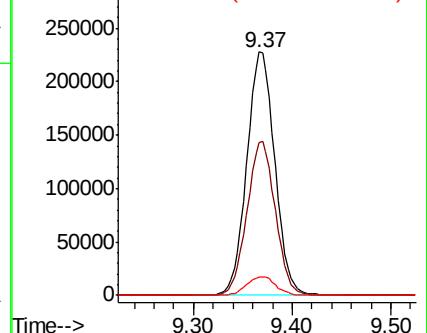
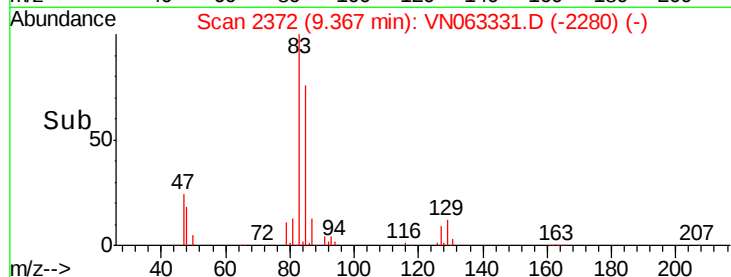
127 7.6 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN063331.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063331.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063331.D (-2280) (-)



#48

Methyl methacrylate

Concen: 47.340 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

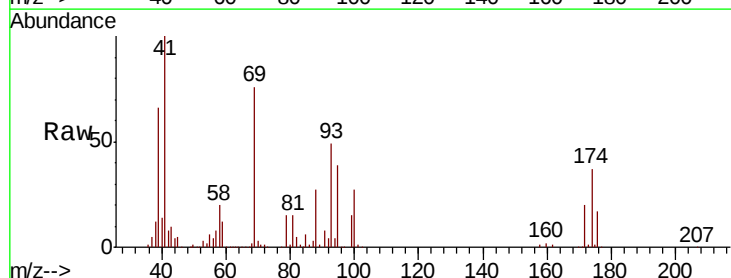
Tgt Ion: 41 Resp: 323540

Ion Ratio Lower Upper

41 100

69 79.6 63.6 95.4

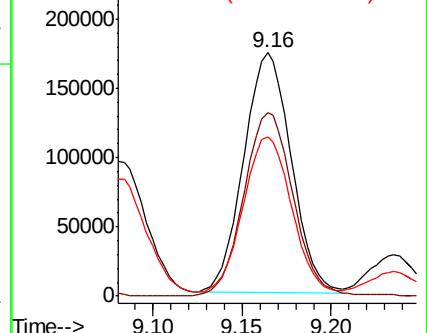
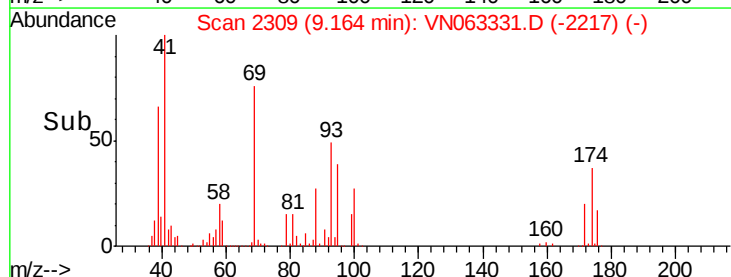
39 68.0 53.2 79.8

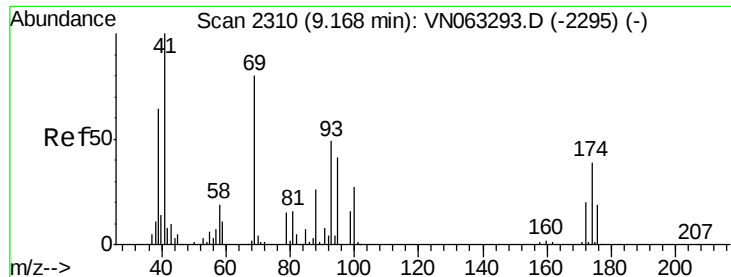


Abundance Ion 41.00 (40.70 to 41.70): VN063331.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063331.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063331.D (-2217) (-)

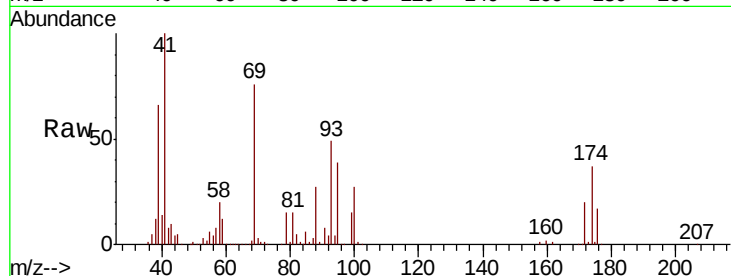




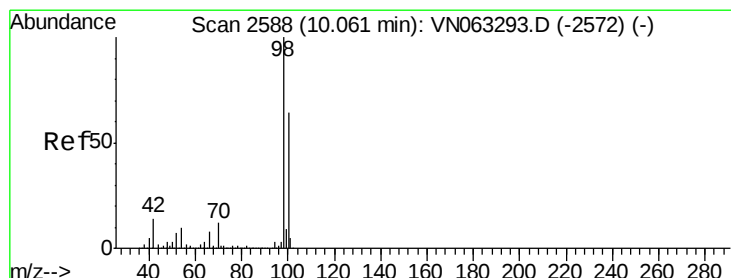
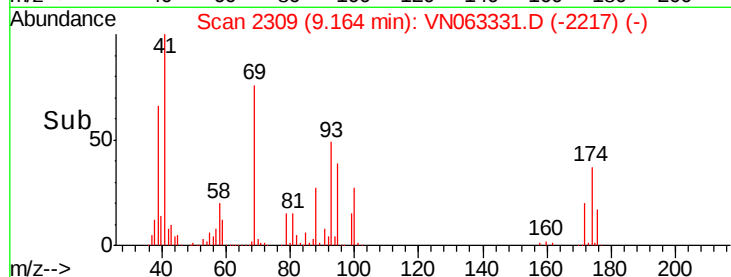
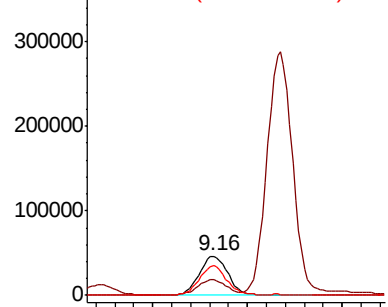
#49
1,4-Dioxane
Concen: 925.328 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 97915
Ion Ratio Lower Upper
88 100
43 38.7 30.5 45.7
58 73.1 58.9 88.3

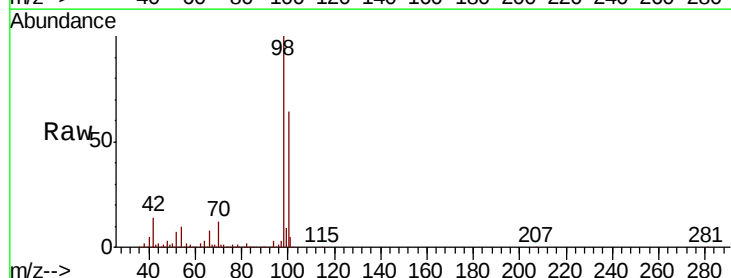


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

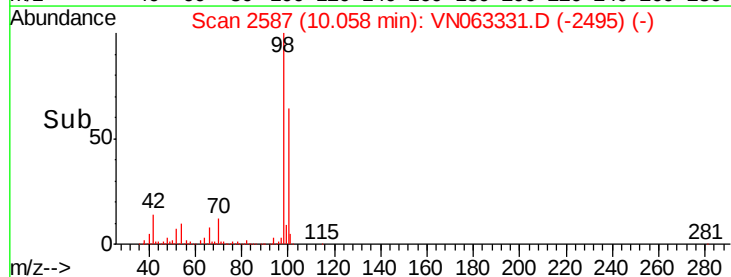
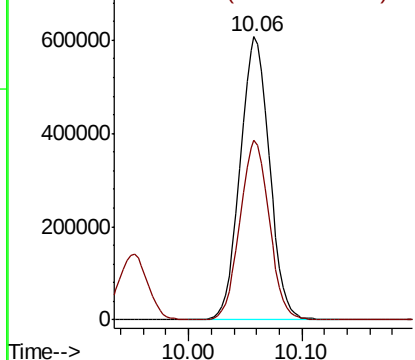


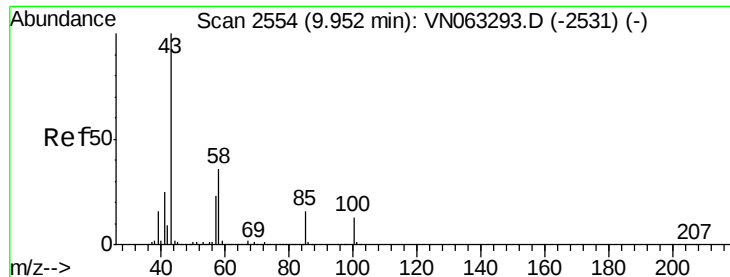
#50
Toluene-d8
Concen: 53.056 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion: 98 Resp: 1097081
Ion Ratio Lower Upper
98 100
100 63.2 50.7 76.1



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: 249.623 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

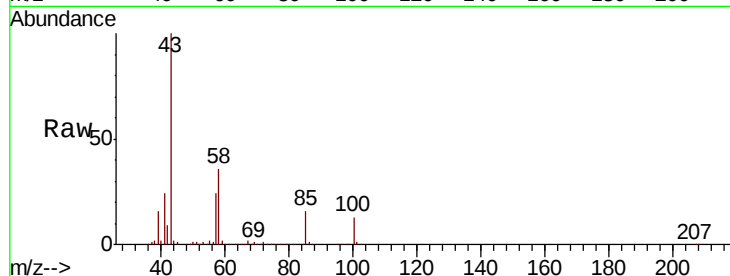
VSTDCCC050

Tot Ion: 43 Resp: 1970424

Ion Ratio Lower Upper

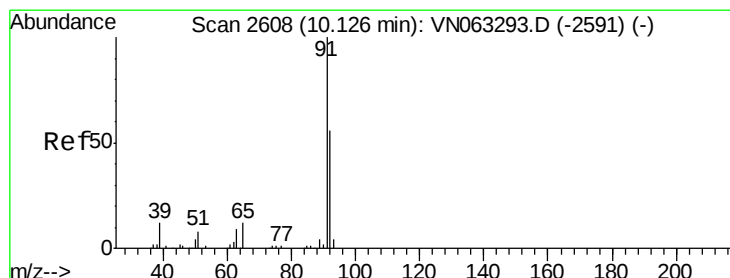
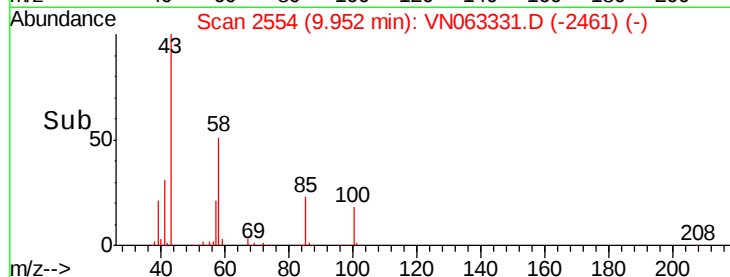
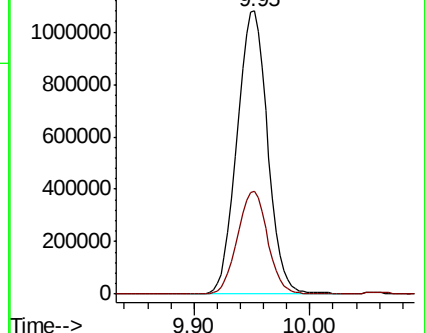
43 100

58 35.9 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN063331.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN063331.D (-2531) (-)



#52

Toluene

Concen: 48.814 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063331.D

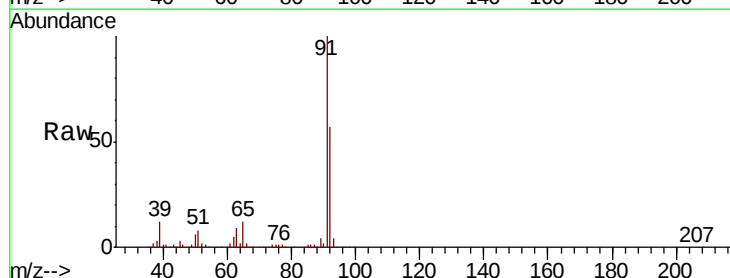
Acq: 14 Sep 2020 9:58

Tgt Ion: 92 Resp: 731821

Ion Ratio Lower Upper

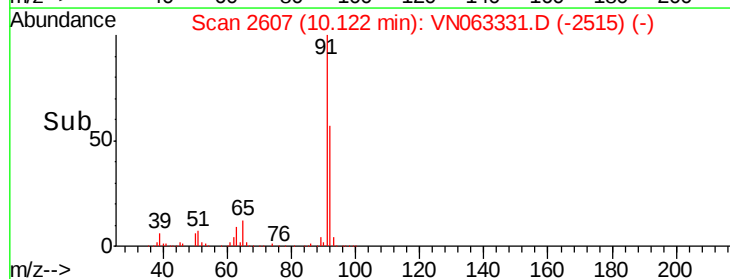
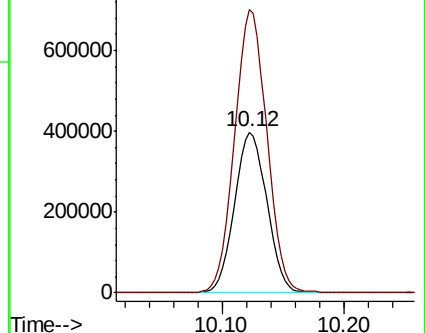
92 100

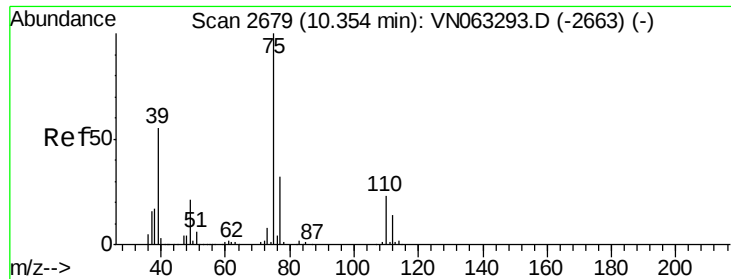
91 175.9 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063331.D (-2515) (-)

Ion 91.00 (90.70 to 91.70): VN063331.D (-2515) (-)





#53

t-1,3-Dichloropropene

Concen: 50.697 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

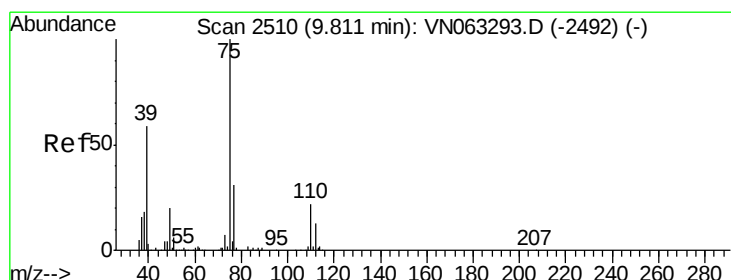
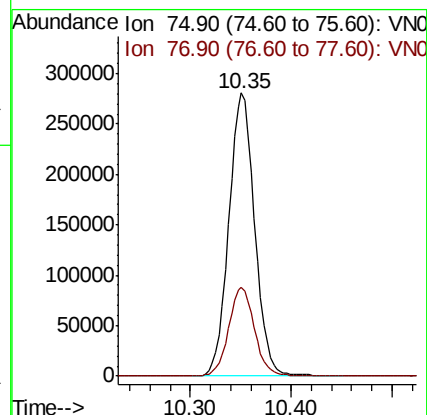
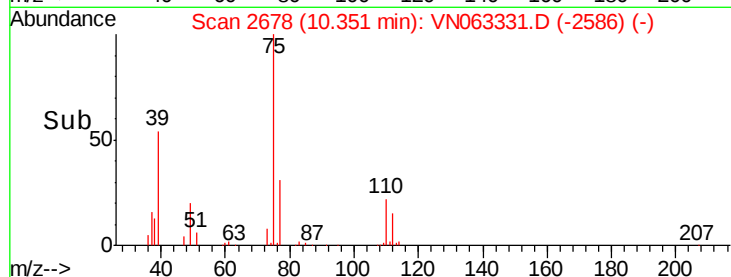
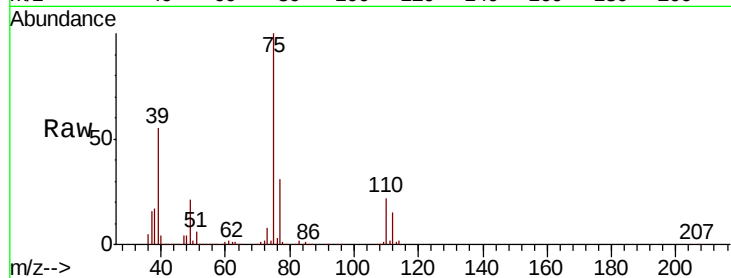
VSTDCCC050

Tot Ion: 75 Resp: 503183

Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 50.054 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

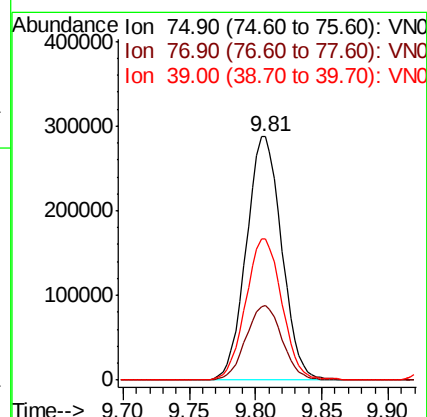
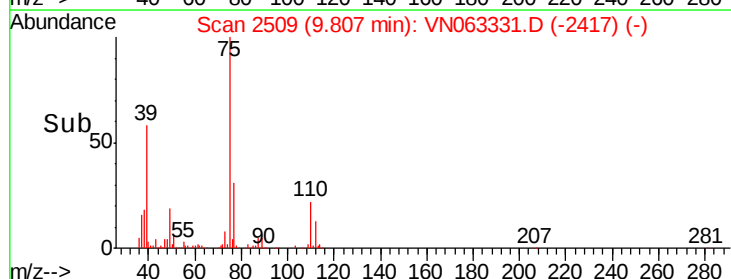
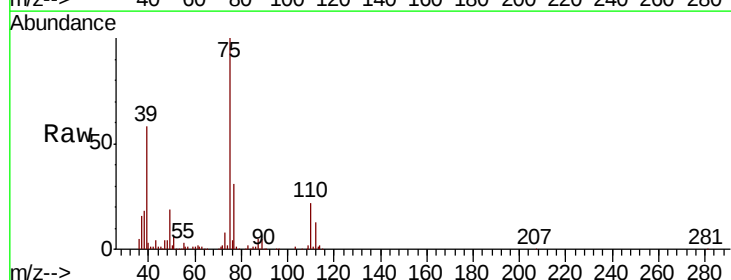
Tgt Ion: 75 Resp: 534911

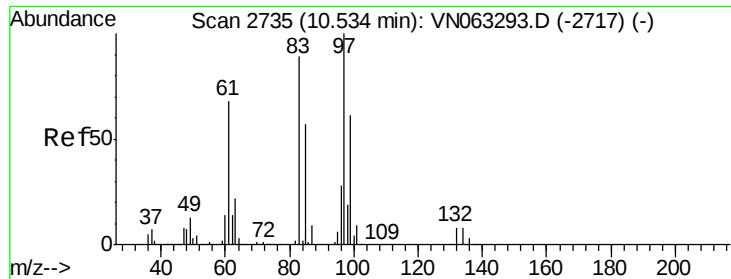
Ion Ratio Lower Upper

75 100

77 30.7 24.7 37.1

39 58.0 47.2 70.8



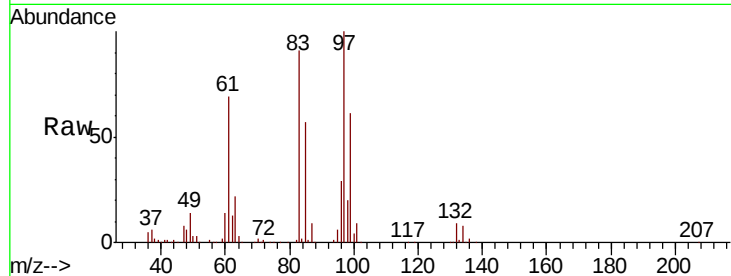


#55
 1,1,2-Trichloroethane
 Concen: 48.008 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

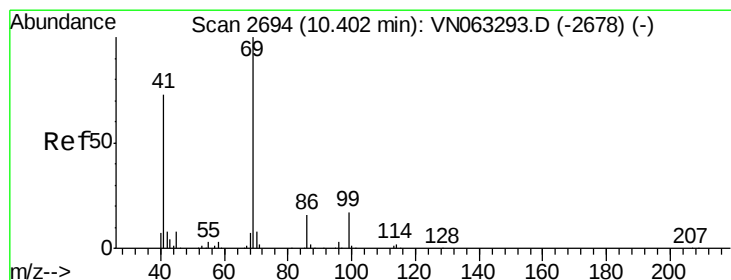
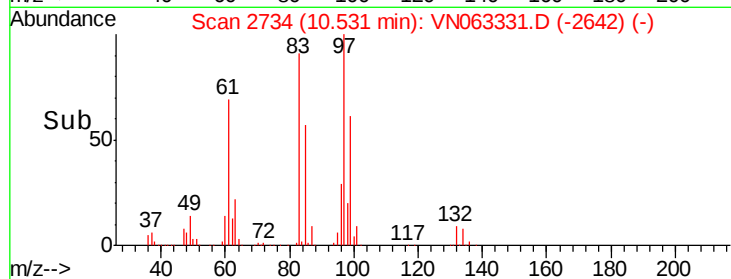
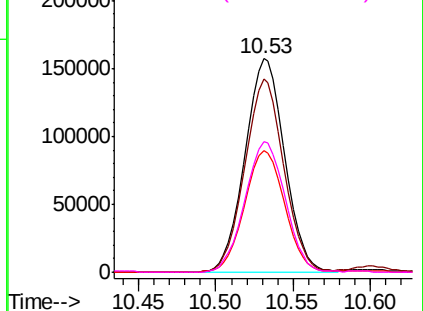
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 282027

Ion	Ratio	Lower	Upper
97	100		
83	90.7	70.8	106.2
85	56.7	45.6	68.4
99	61.2	49.0	73.4



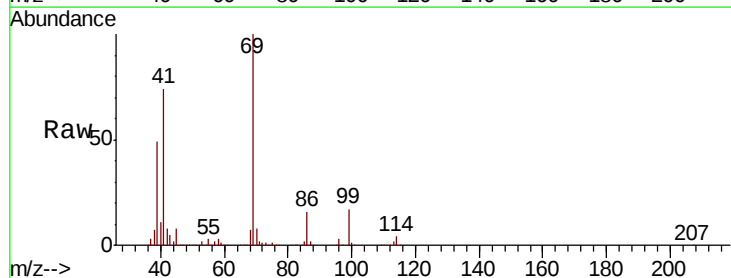
Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO



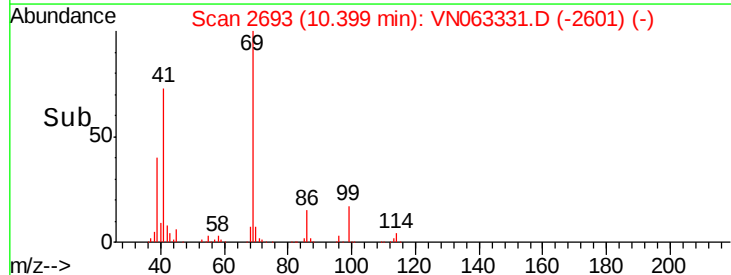
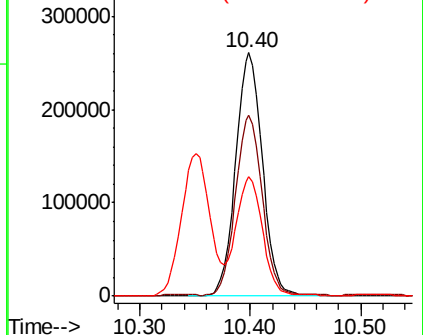
#56
 Ethyl methacrylate
 Concen: 49.182 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

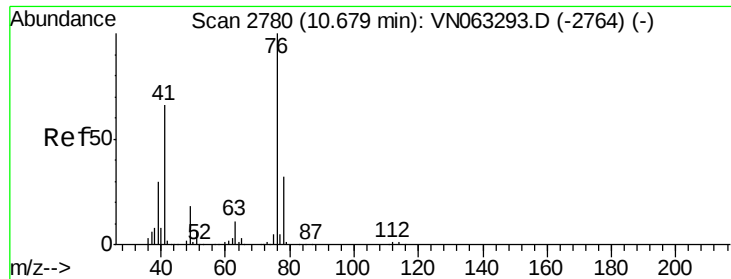
Tgt Ion: 69 Resp: 439363

Ion	Ratio	Lower	Upper
69	100		
41	73.2	58.4	87.6
39	47.9	38.6	58.0



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





#57

1,3-Dichloropropane

Concen: 48.906 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

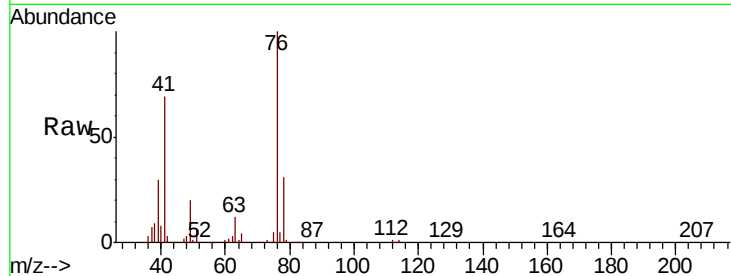
VSTDCCC050

Tot Ion: 76 Resp: 502043

Ion Ratio Lower Upper

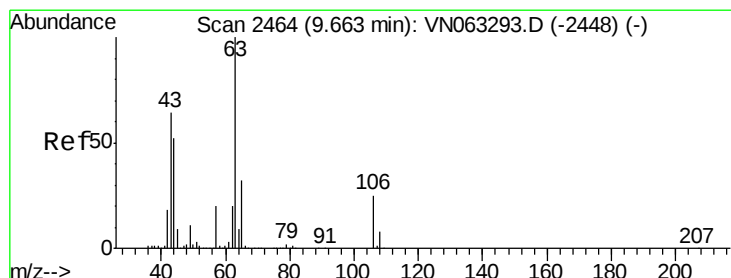
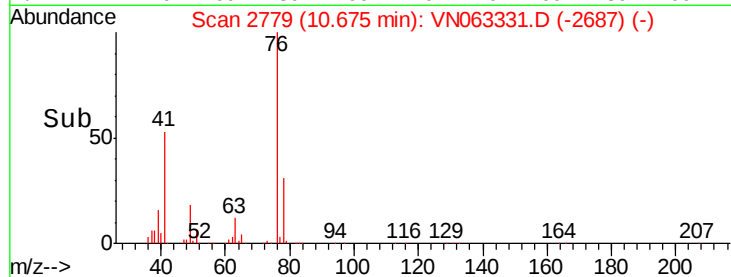
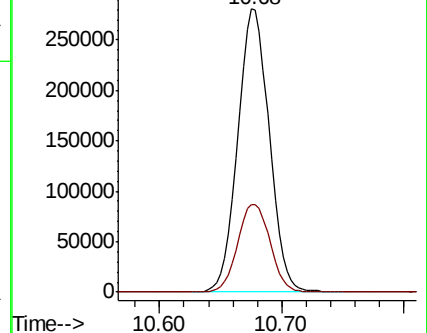
76 100

78 32.0 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 220.000 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063331.D

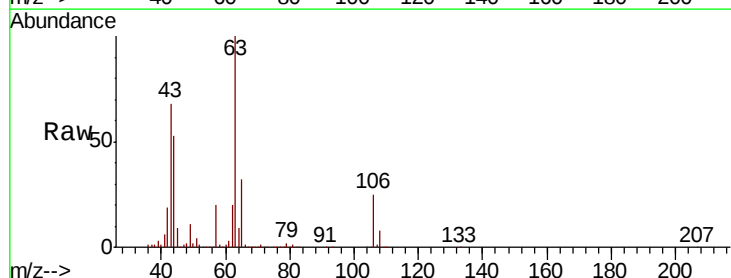
Acq: 14 Sep 2020 9:58

Tgt Ion: 63 Resp: 1054207

Ion Ratio Lower Upper

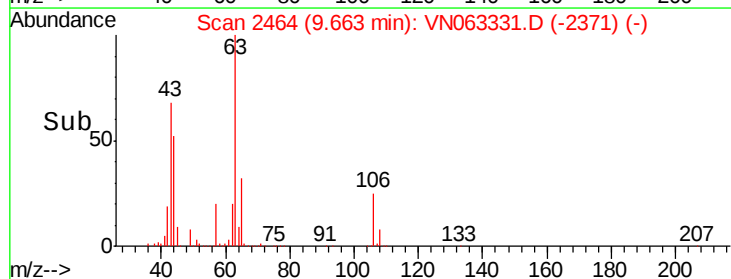
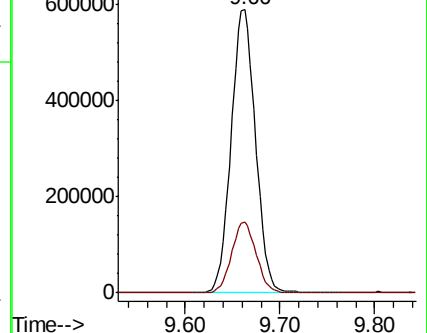
63 100

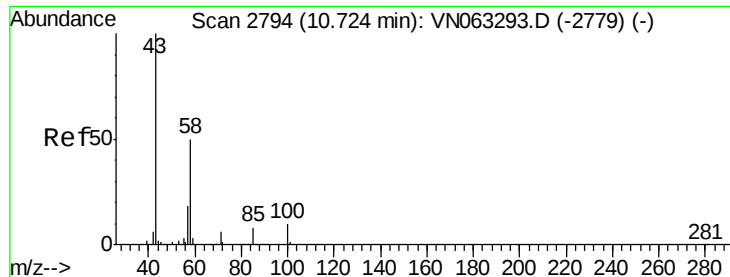
106 25.2 20.2 30.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

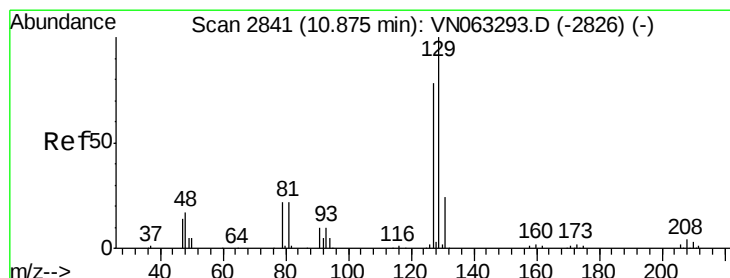
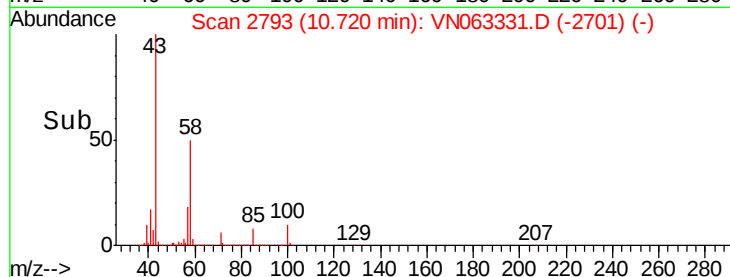
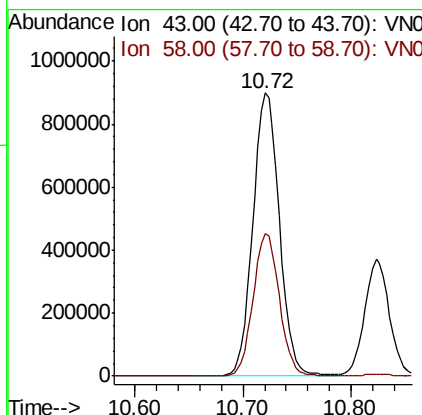
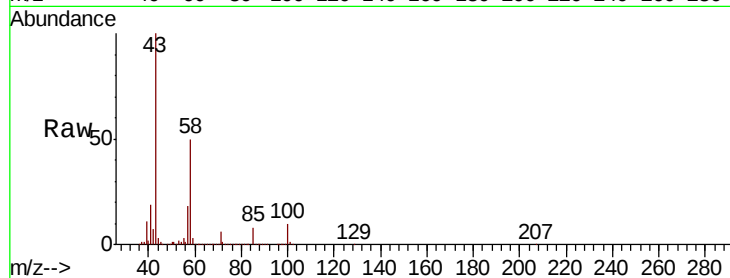




#59
2-Hexanone
Concen: 262.405 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

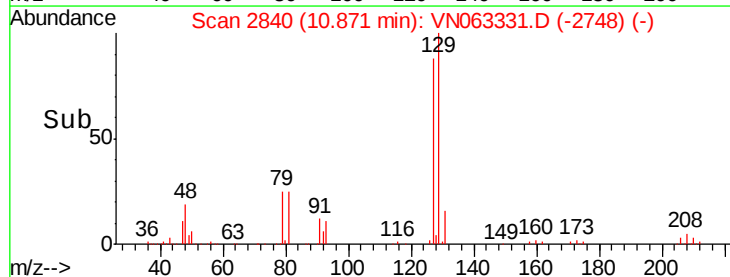
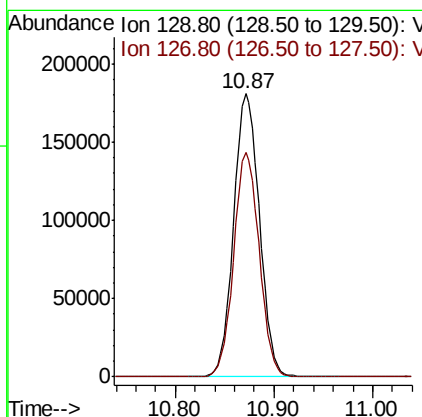
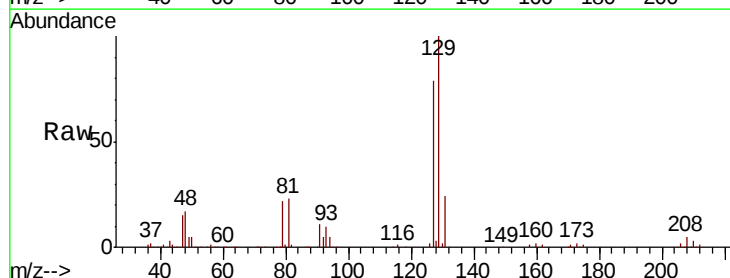
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

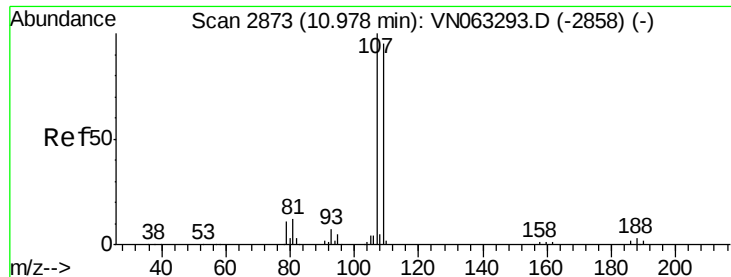
Tot Ion: 43 Resp: 1527616
Ion Ratio Lower Upper
43 100
58 50.2 25.1 75.3



#60
Dibromochloromethane
Concen: 51.121 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion: 129 Resp: 329780
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0

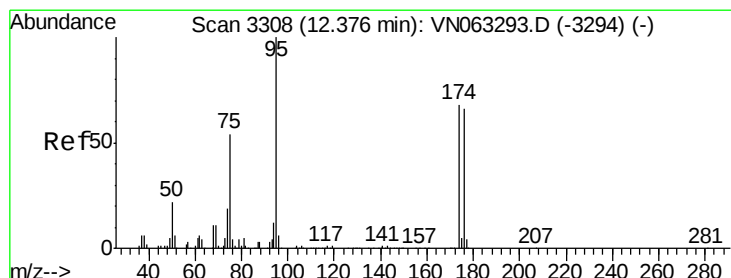
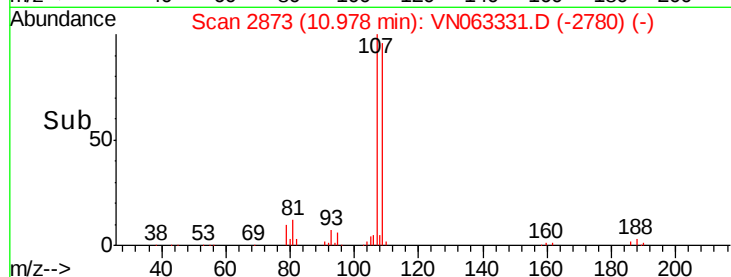
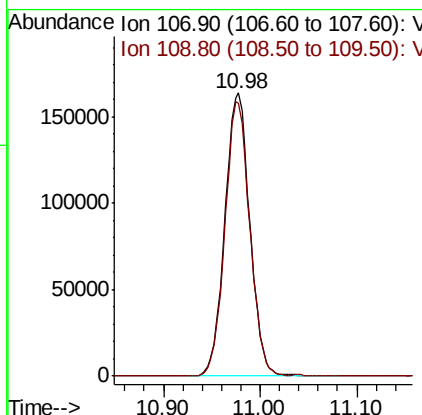
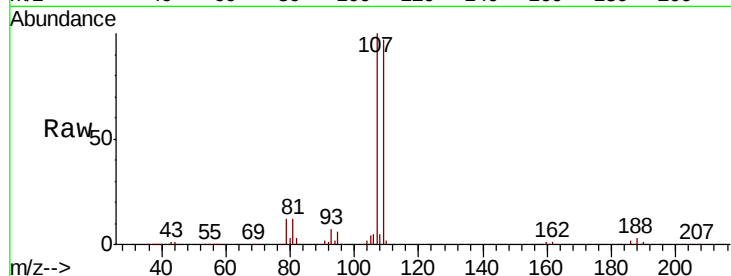




#61
 1,2-Dibromoethane
 Concen: 48.056 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

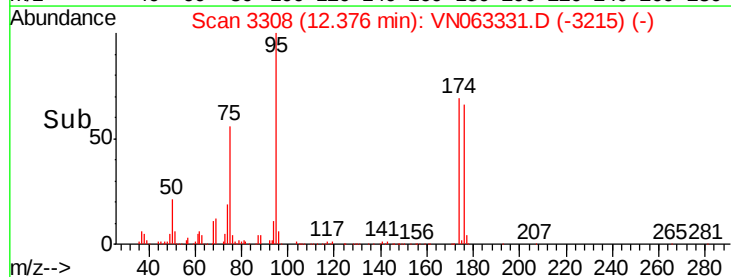
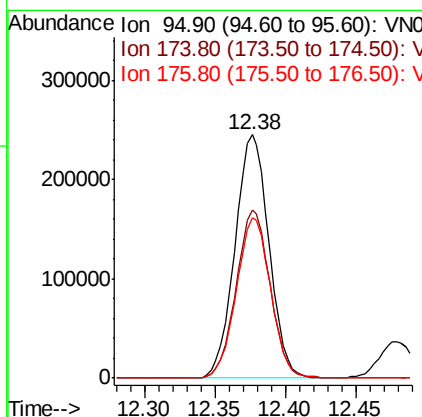
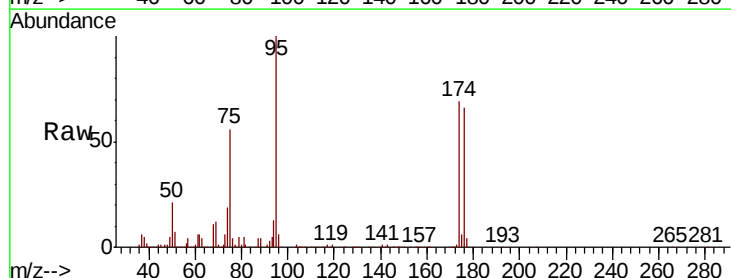
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

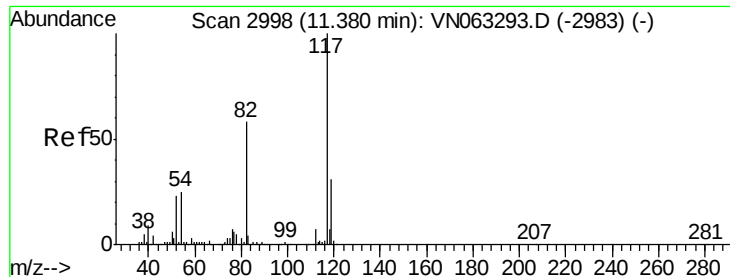
Tot Ion: 107 Resp: 294311
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 54.257 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion: 95 Resp: 414382
 Ion Ratio Lower Upper
 95 100
 174 69.0 0.0 136.6
 176 66.4 0.0 132.8

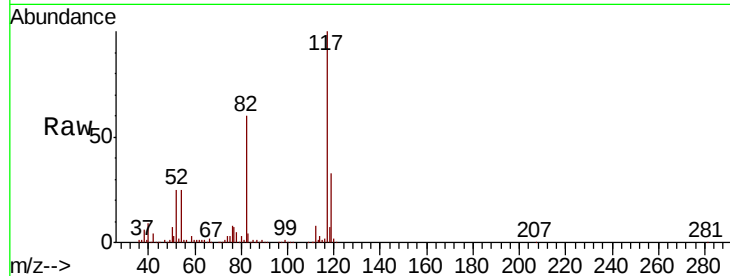




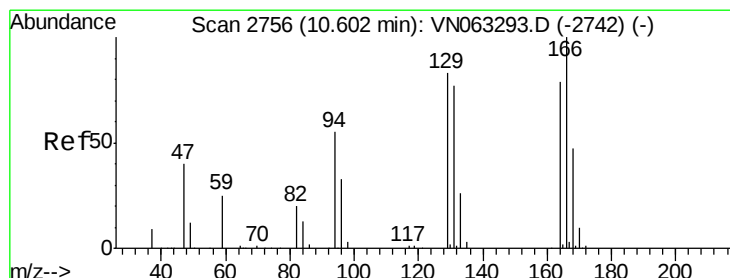
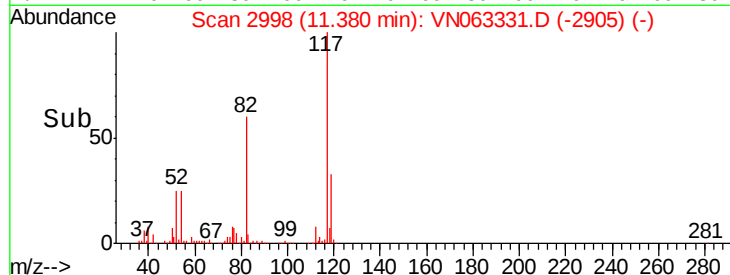
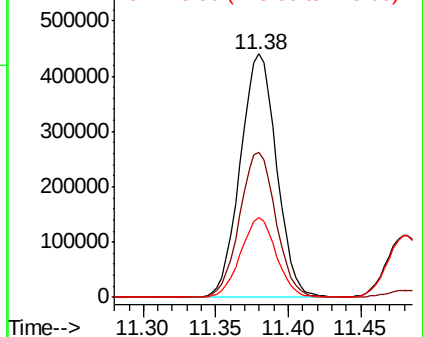
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 767354
Ion Ratio Lower Upper
117 100
82 59.7 46.4 69.6
119 32.6 24.8 37.2

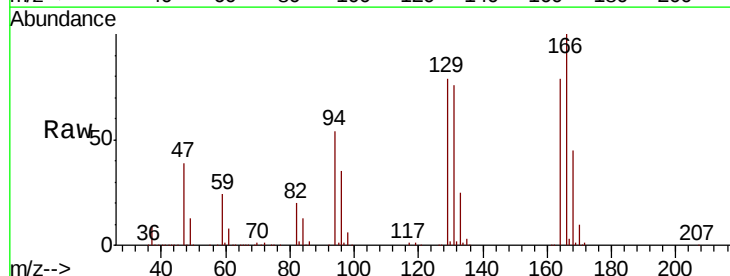


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

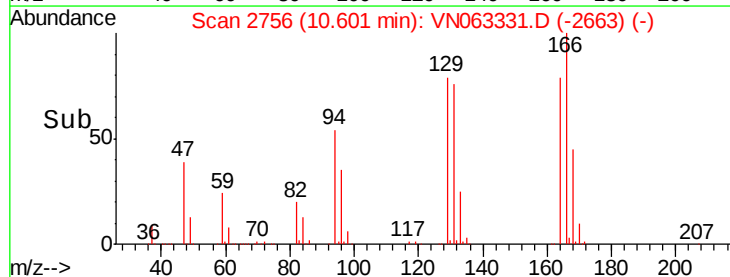
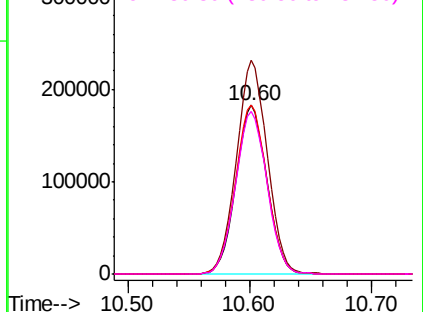


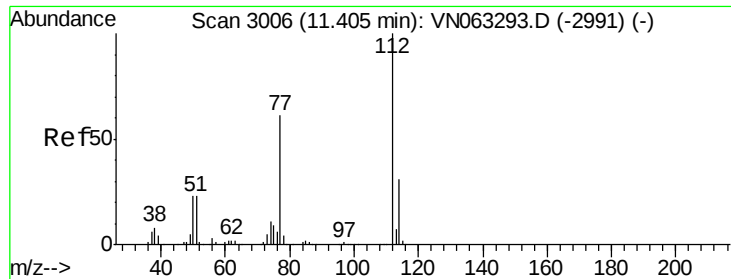
#64
Tetrachloroethene
Concen: 50.854 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion:164 Resp: 319674
Ion Ratio Lower Upper
164 100
166 126.6 101.3 151.9
129 100.2 83.7 125.5
131 96.0 78.2 117.4



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

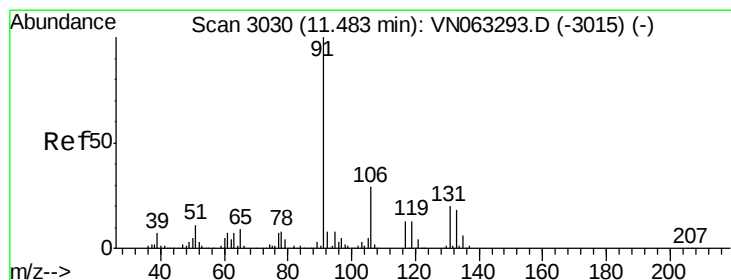
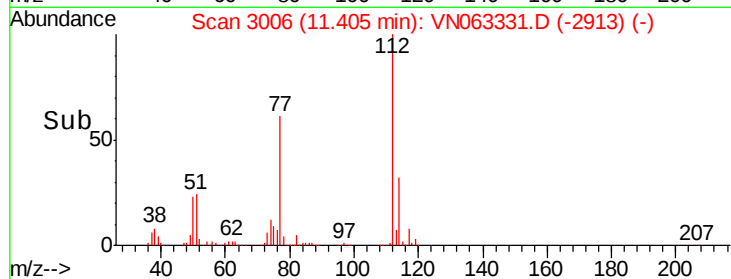
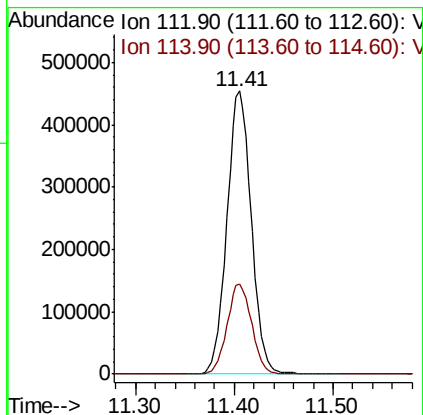
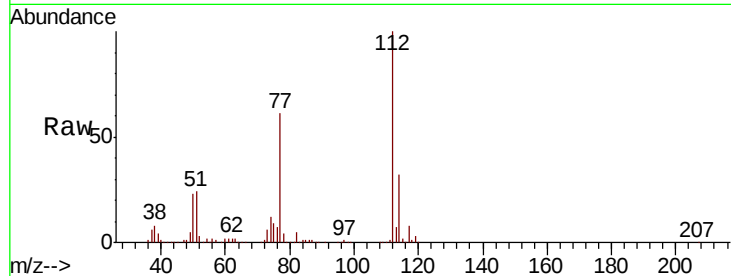




#65
Chlorobenzene
Concen: 47.547 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

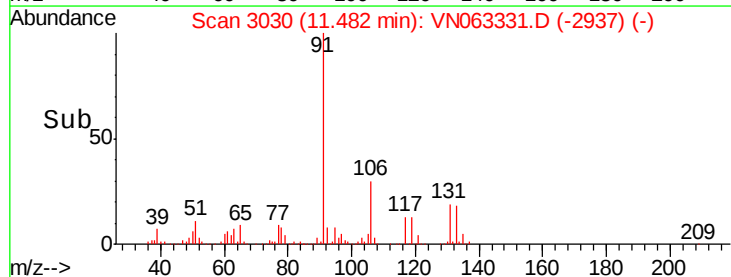
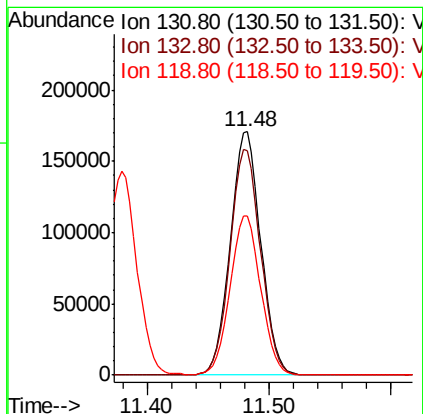
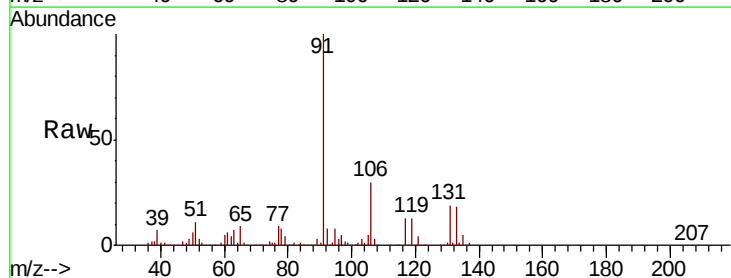
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

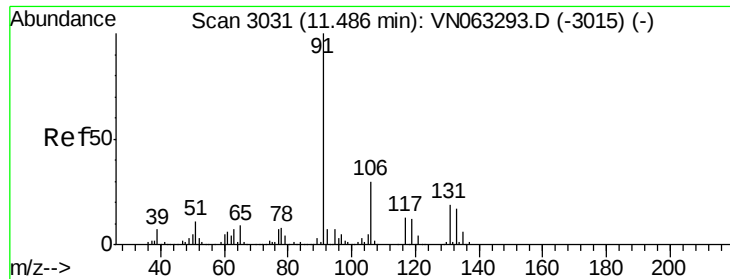
Tot Ion:112 Resp: 785468
Ion Ratio Lower Upper
112 100
114 32.1 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.323 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion:131 Resp: 296866
Ion Ratio Lower Upper
131 100
133 93.5 47.4 142.2
119 65.6 33.8 101.3

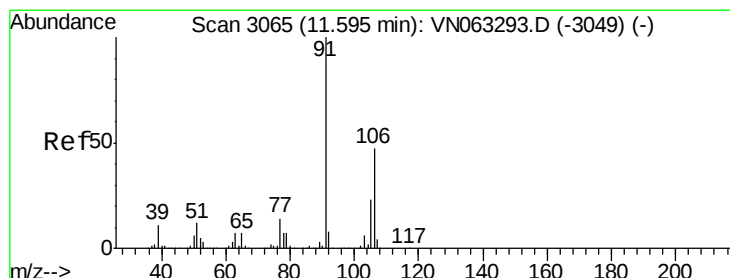
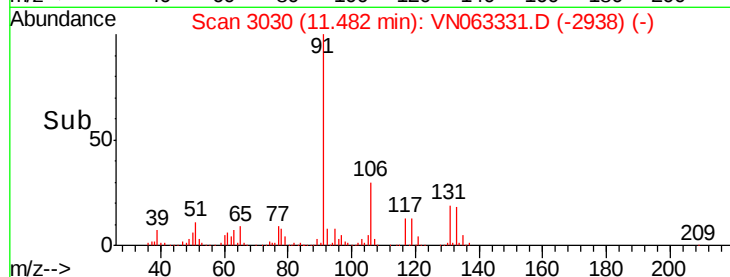
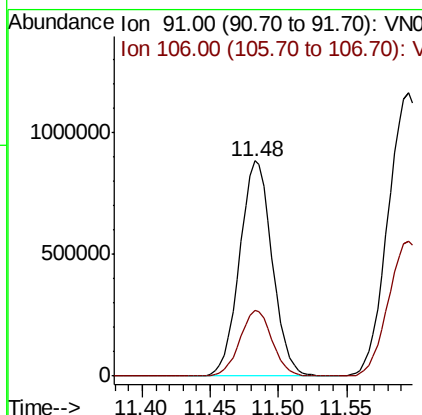
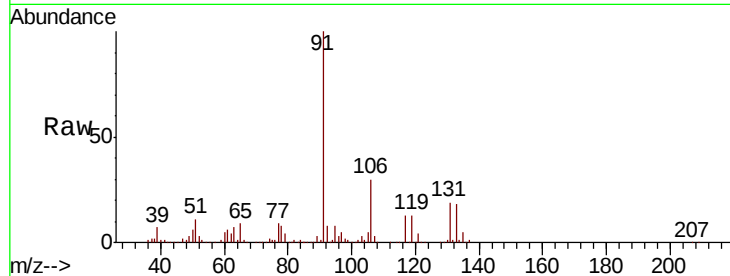




#67
Ethyl Benzene
Concen: 49.361 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

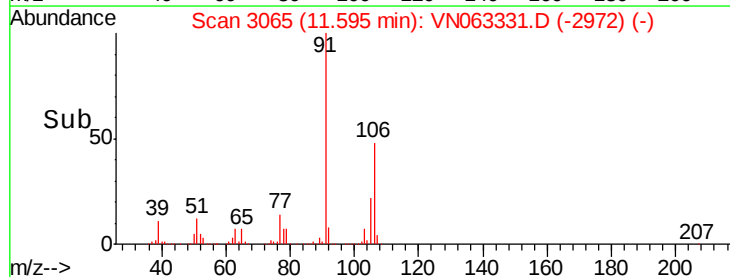
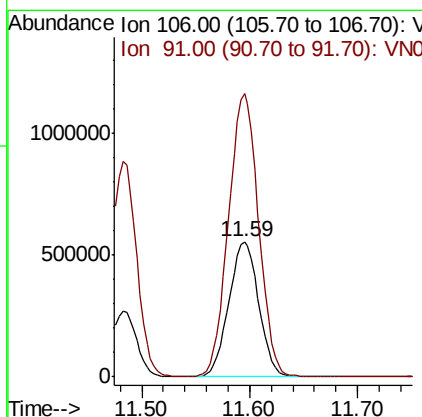
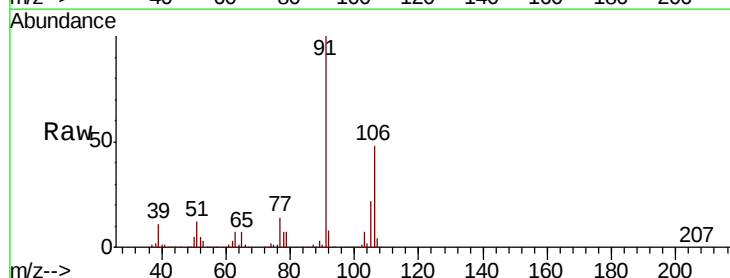
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

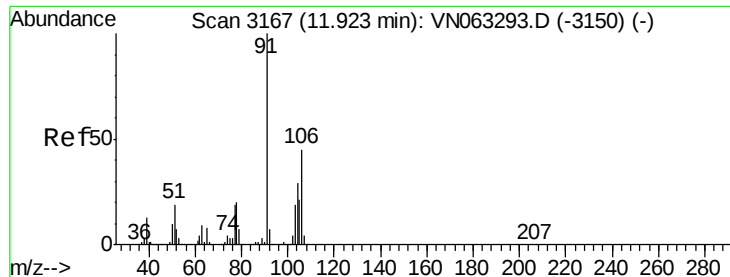
Tot Ion: 91 Resp: 1463900
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6



#68
m/p-Xylenes
Concen: 97.347 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion: 106 Resp: 1067925
Ion Ratio Lower Upper
106 100
91 211.4 169.8 254.8

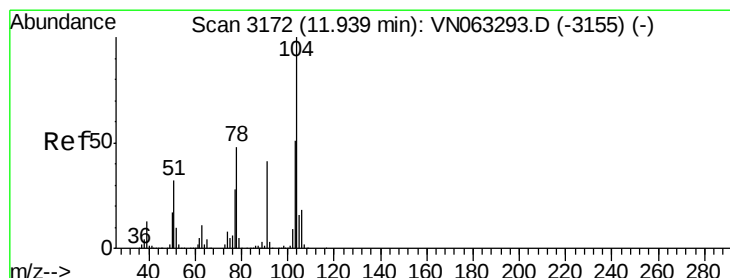
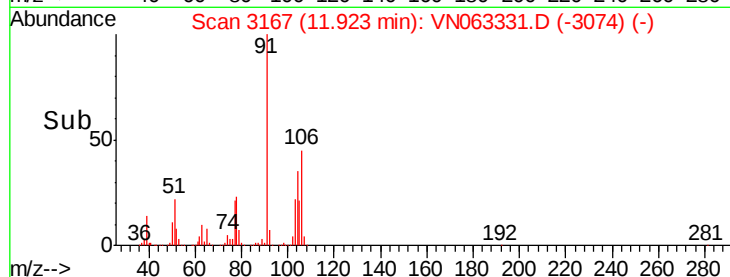
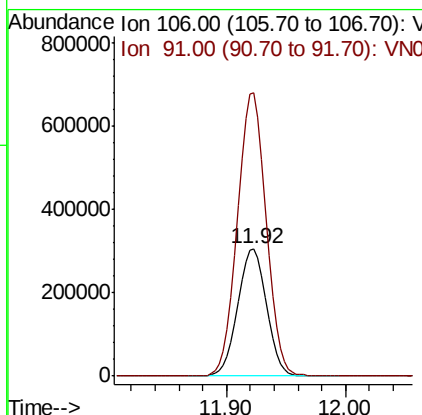
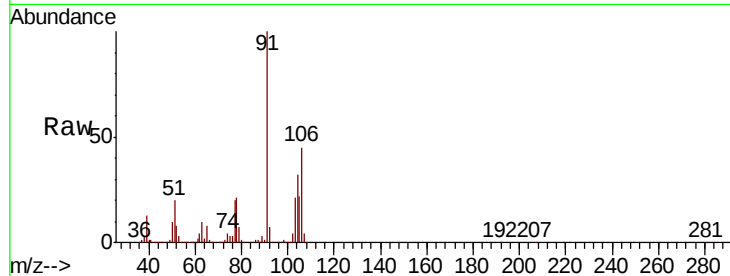




#69
o-Xylene
Concen: 48.744 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

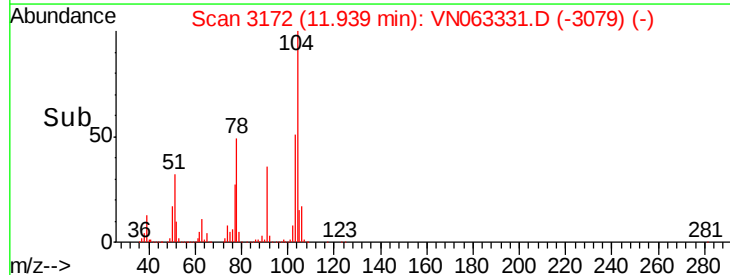
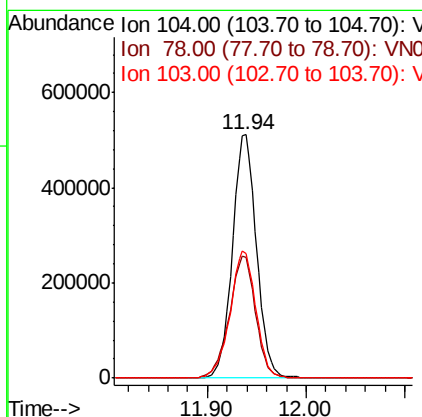
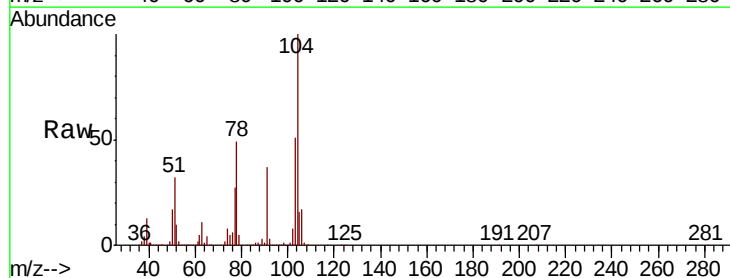
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

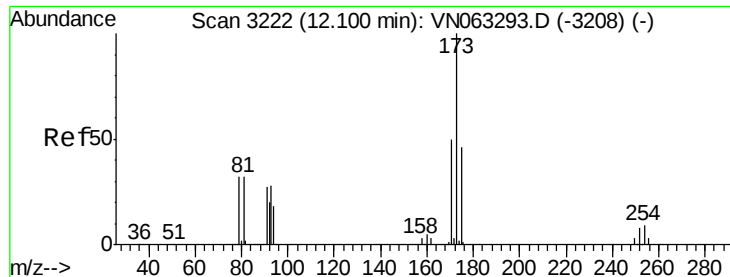
Tot Ion:106 Resp: 513177
Ion Ratio Lower Upper
106 100
91 222.4 111.5 334.4



#70
Styrene
Concen: 49.623 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion:104 Resp: 868281
Ion Ratio Lower Upper
104 100
78 54.5 42.9 64.3
103 56.0 44.2 66.2





#71

Bromoform

Concen: 50.985 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

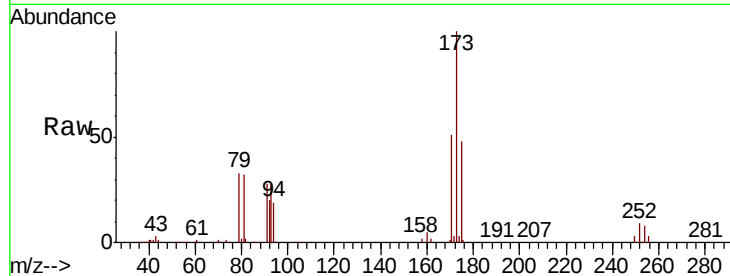
Tot Ion:173 Resp: 212250

Ion Ratio Lower Upper

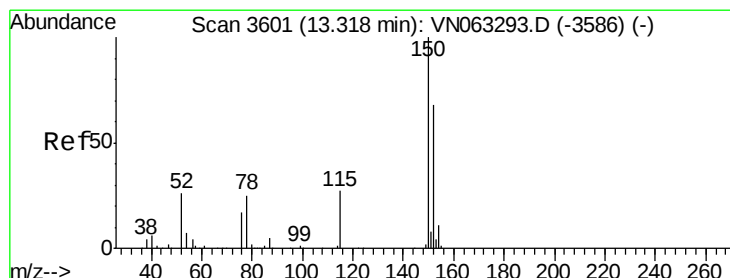
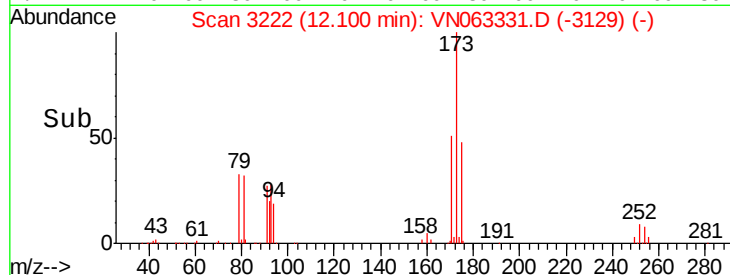
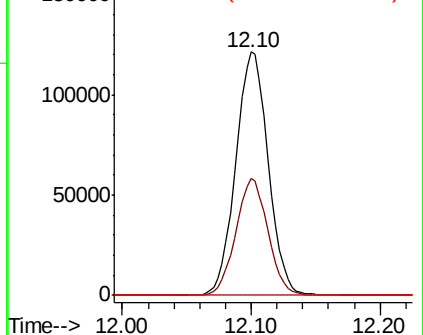
173 100

175 47.4 23.8 71.5

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

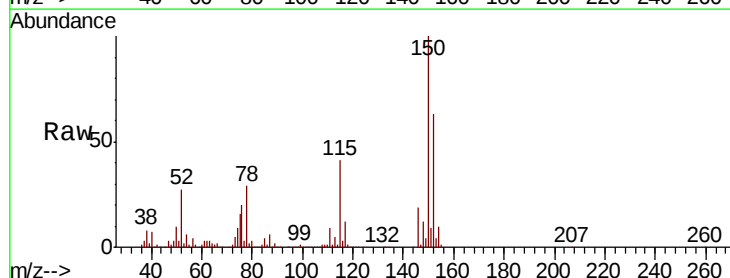
Tgt Ion:152 Resp: 373586

Ion Ratio Lower Upper

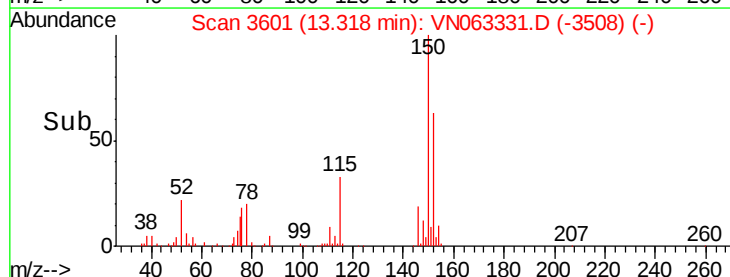
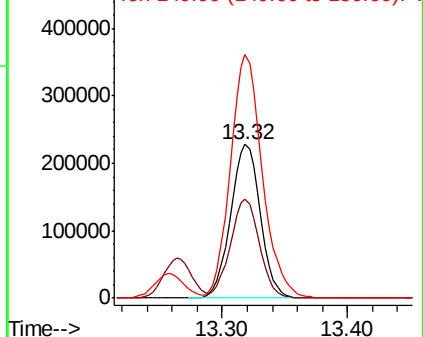
152 100

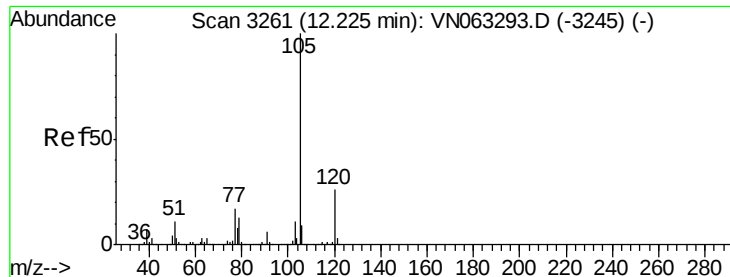
115 63.1 31.5 94.5

150 170.1 0.0 344.0



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: 46.284 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

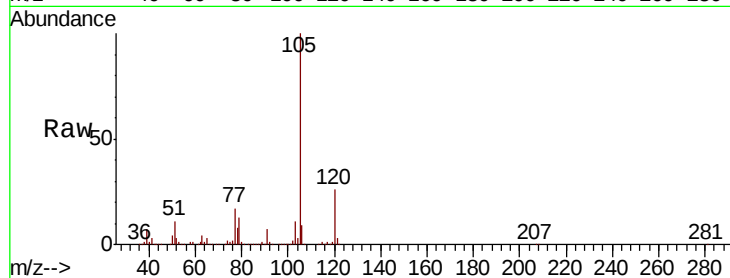
VSTDCCC050

Tot Ion:105 Resp: 1394706

Ion Ratio Lower Upper

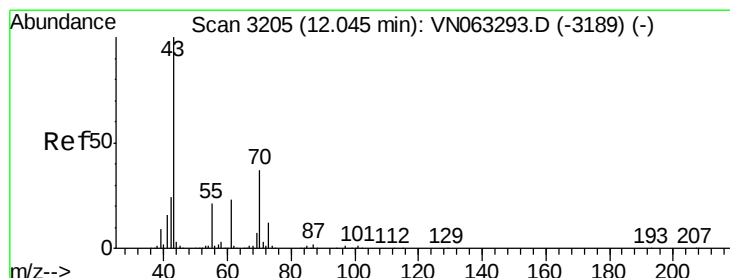
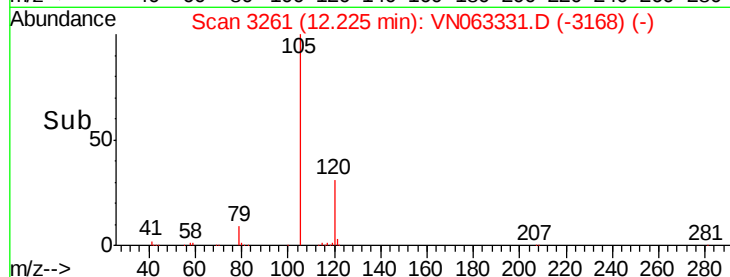
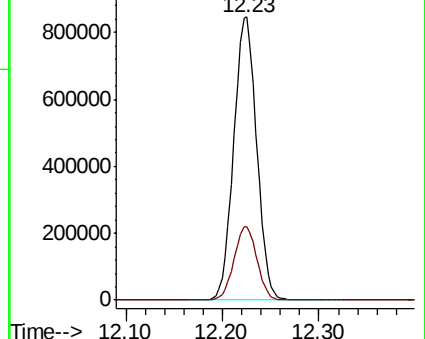
105 100

120 26.0 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.504 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Tgt Ion: 43 Resp: 612428

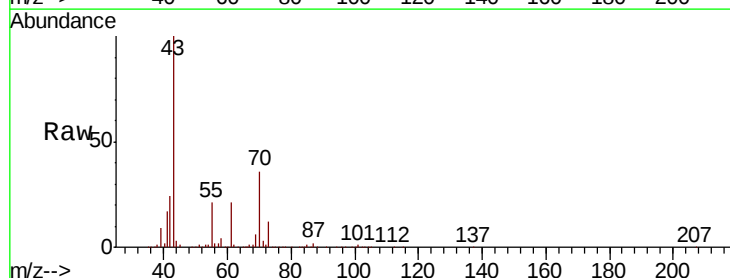
Ion Ratio Lower Upper

43 100

70 36.9 29.3 43.9

55 21.9 17.0 25.6

61 21.5 17.8 26.6

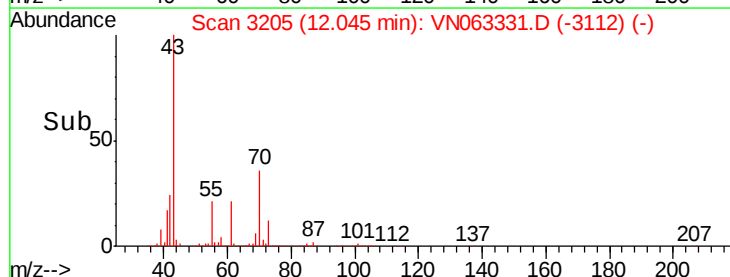
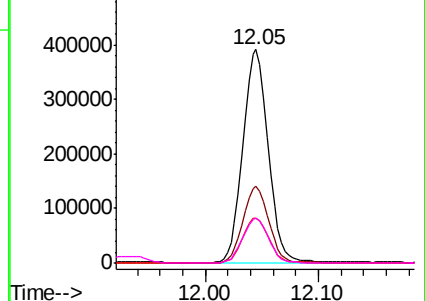


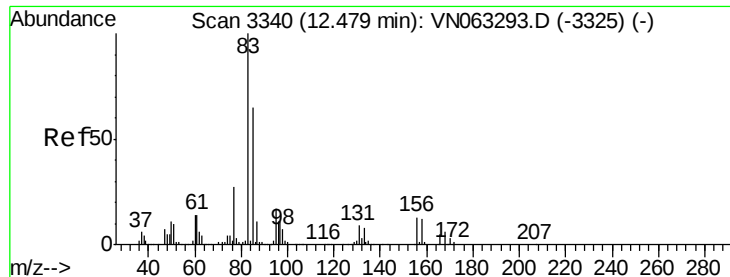
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 43.936 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

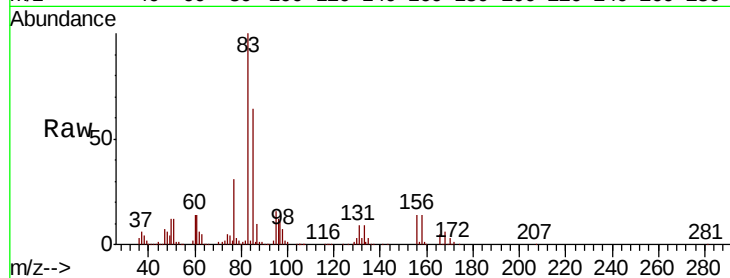
Tot Ion: 83 Resp: 379165

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.7	14.1
85	64.9	32.0	96.2

83 100

131 9.8 4.7 14.1

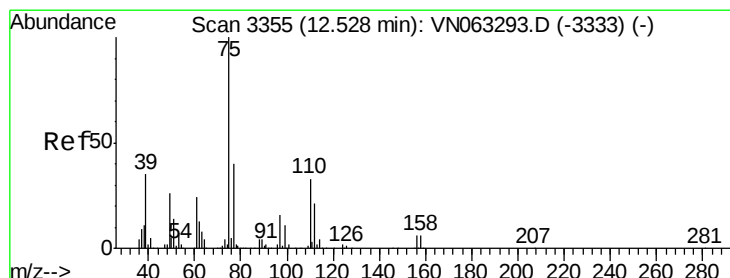
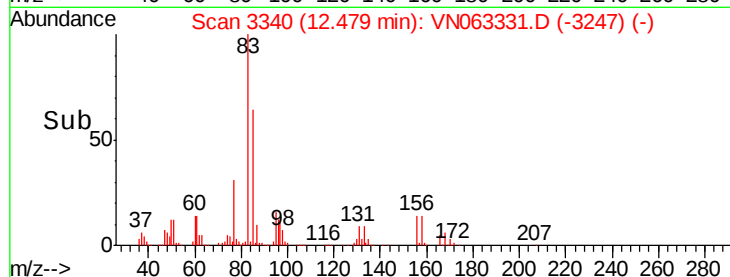
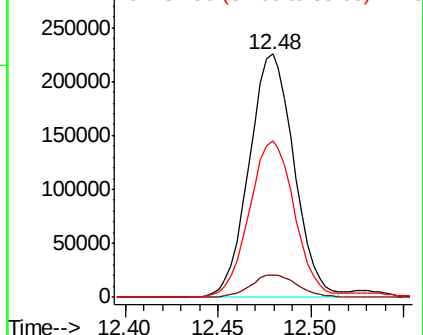
85 64.9 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VN063331.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063331.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063331.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 68.478 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063331.D

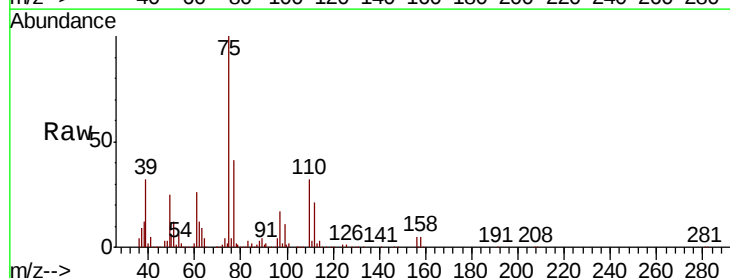
Acq: 14 Sep 2020 9:58

Tgt Ion: 75 Resp: 564388

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

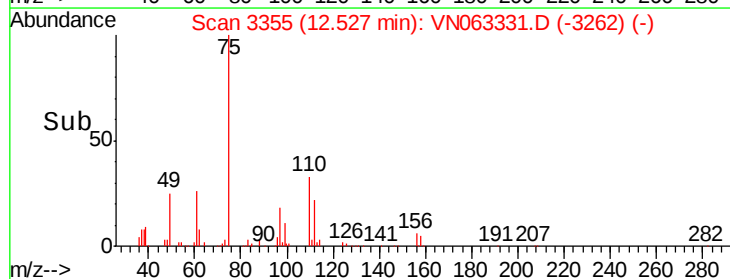
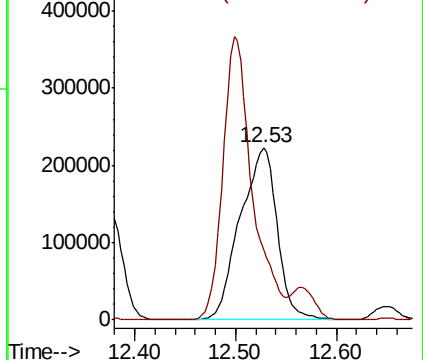
75 100

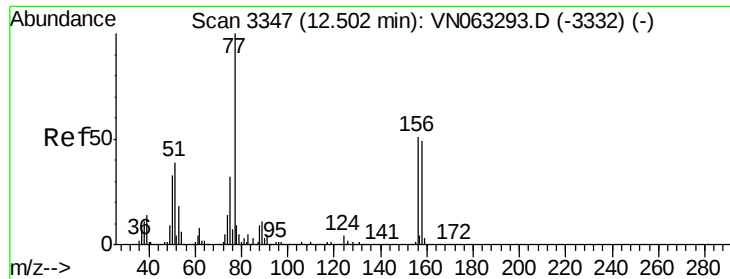
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063331.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063331.D (-3262) (-)

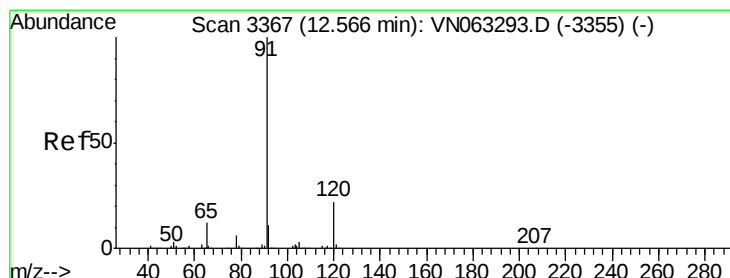
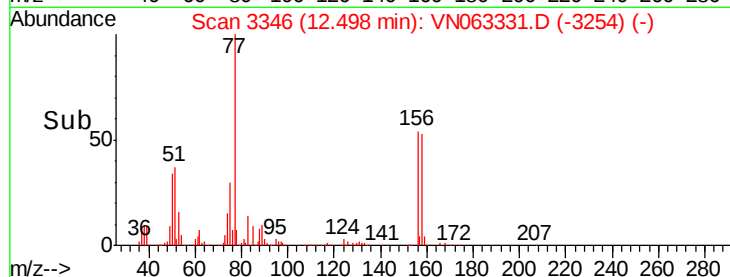
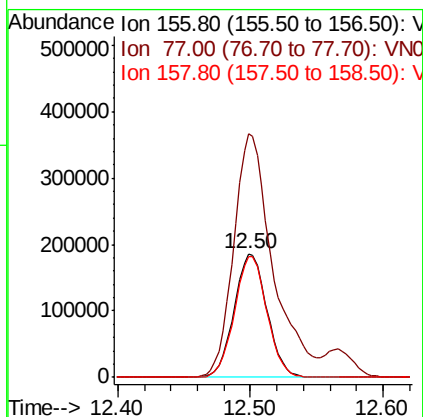
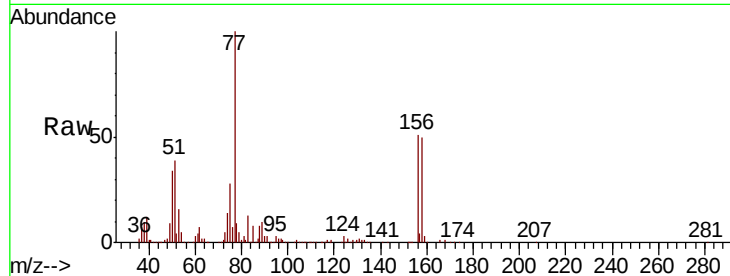




#77
Bromobenzene
Concen: 46.057 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

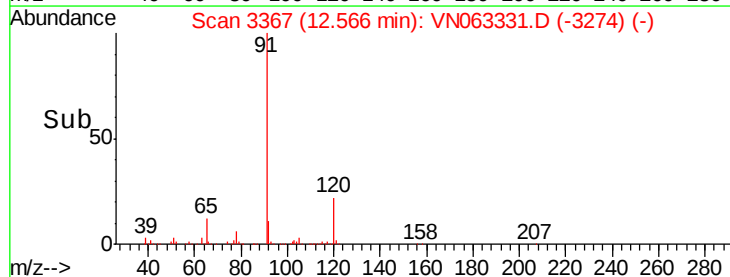
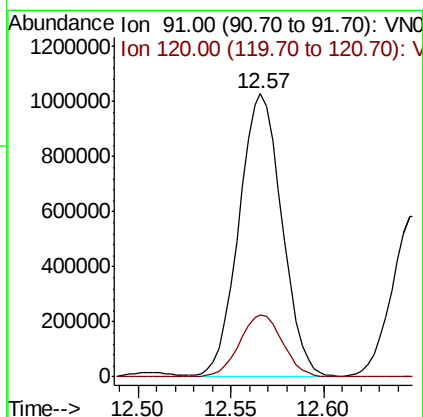
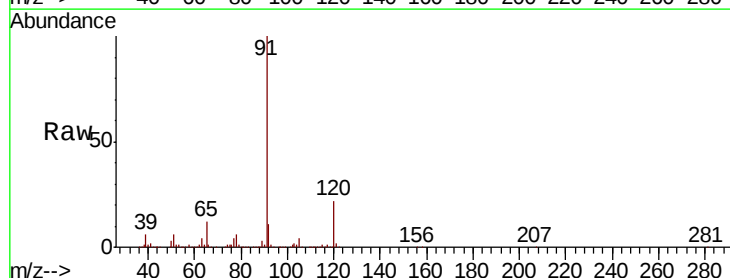
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

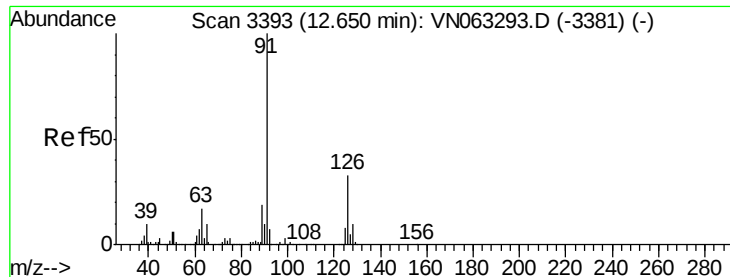
Tot Ion:156 Resp: 319015
Ion Ratio Lower Upper
156 100
77 235.4 117.4 352.2
158 97.2 48.8 146.4



#78
n-propylbenzene
Concen: 47.794 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion: 91 Resp: 1636095
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.3

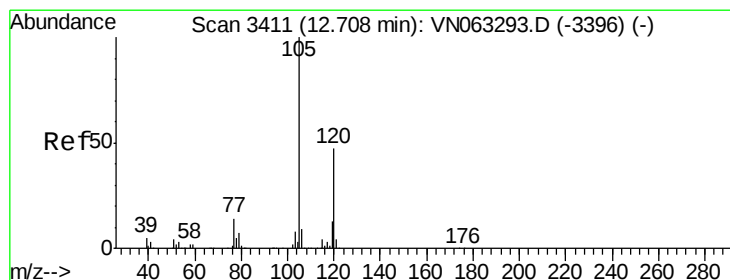
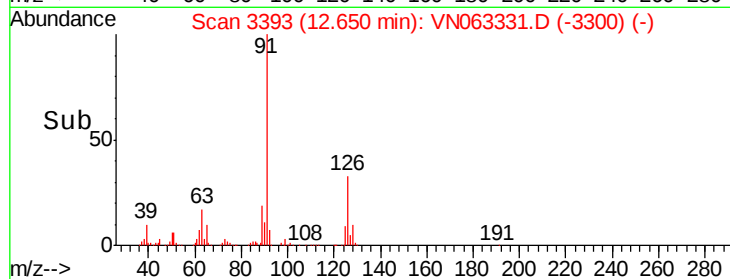
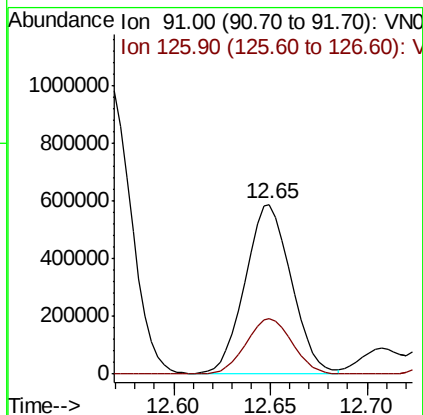
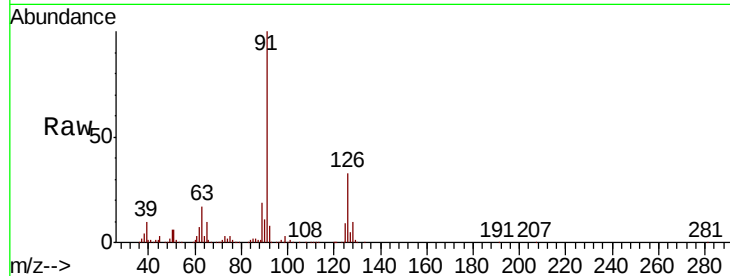




#79
 2-Chlorotoluene
 Concen: 46.011 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

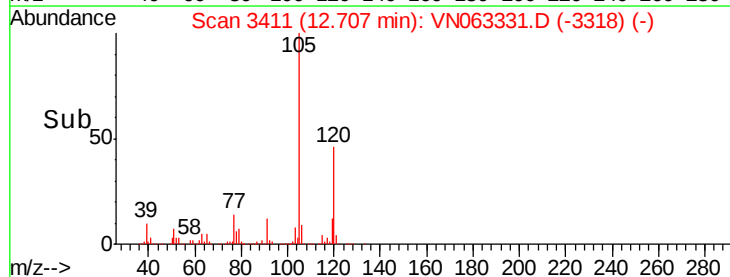
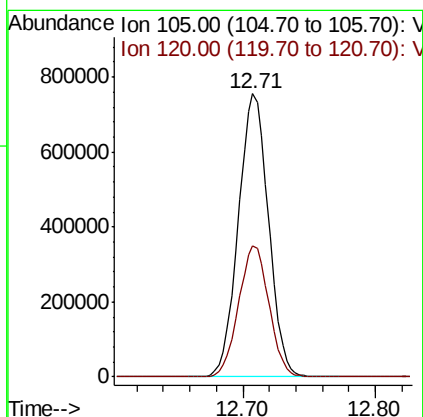
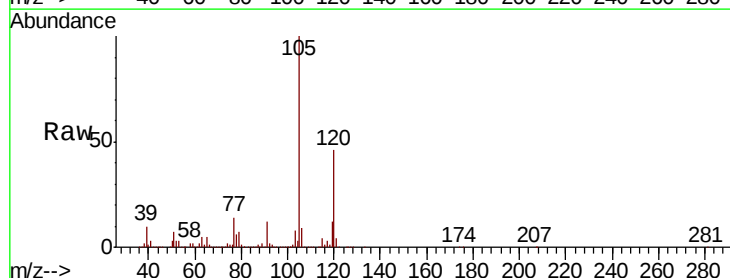
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

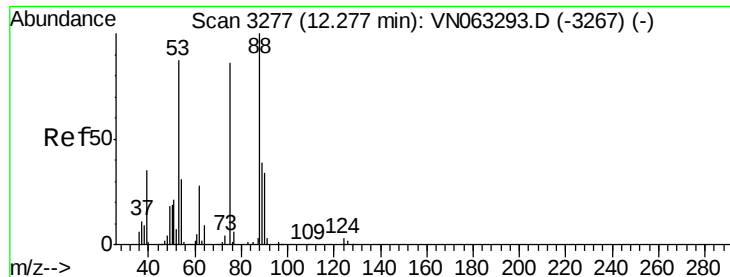
Tot Ion: 91 Resp: 968460
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 47.562 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion: 105 Resp: 1190059
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 47.983 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

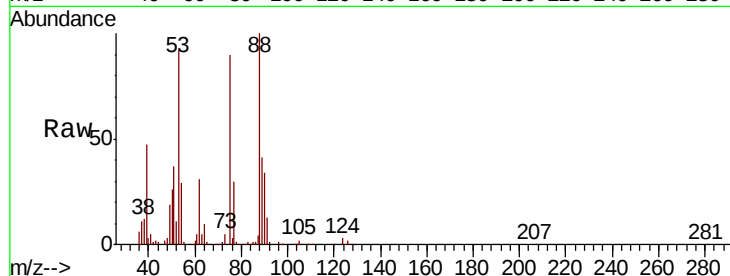
Tot Ion: 75 Resp: 147188

Ion Ratio Lower Upper

75 100

53 101.8 81.8 122.8

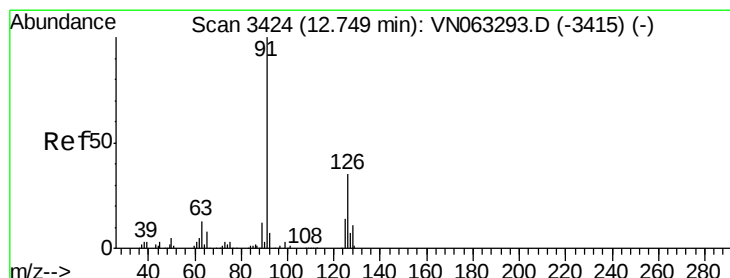
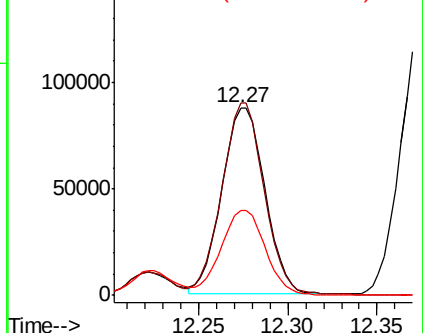
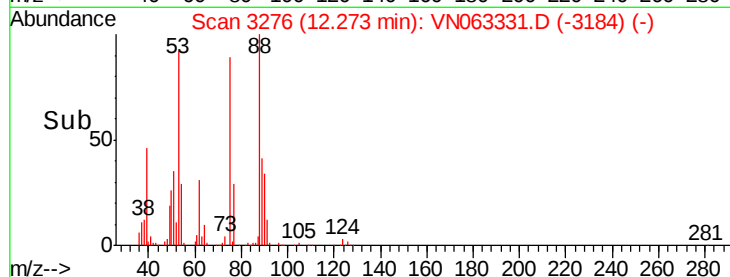
89 46.9 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 46.268 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063331.D

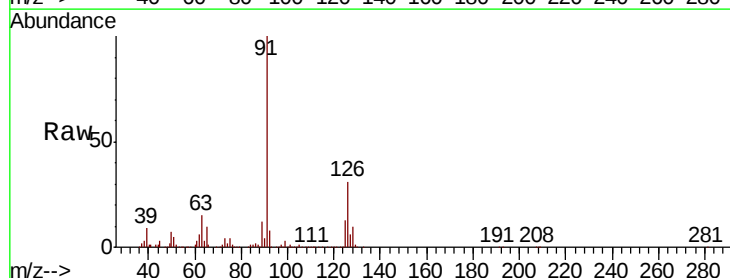
Acq: 14 Sep 2020 9:58

Tgt Ion: 91 Resp: 1020859

Ion Ratio Lower Upper

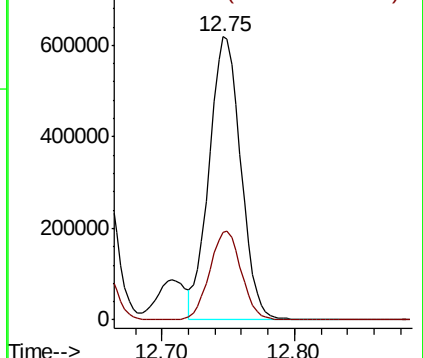
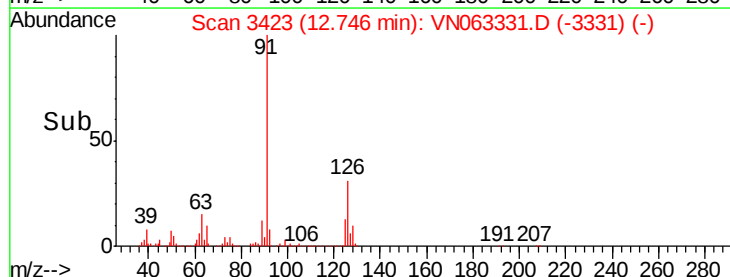
91 100

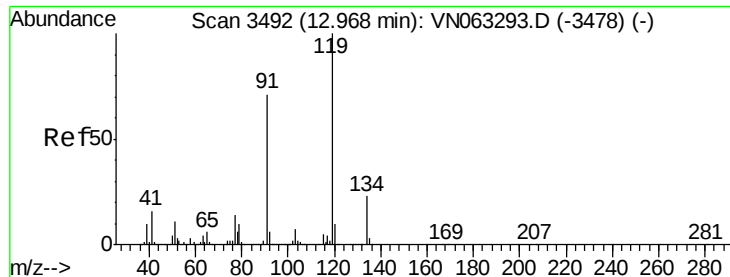
126 31.7 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

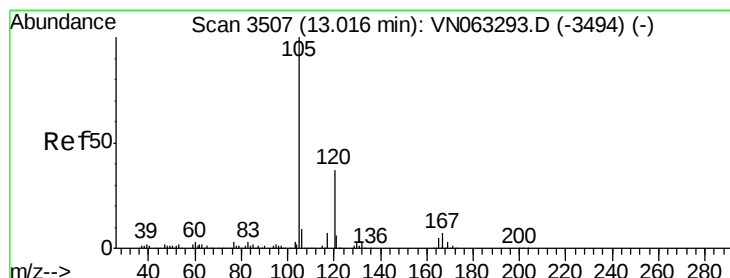
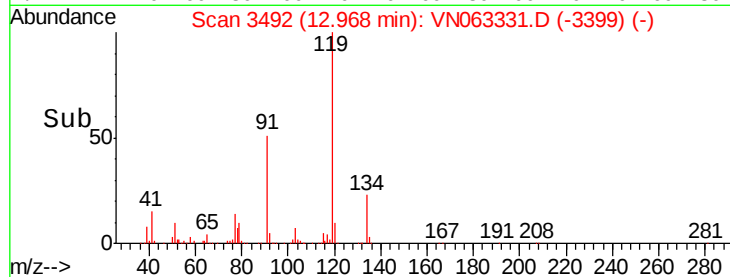
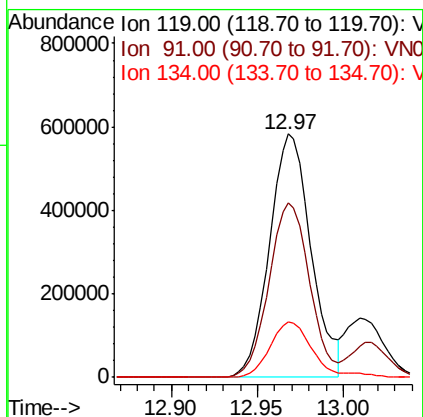
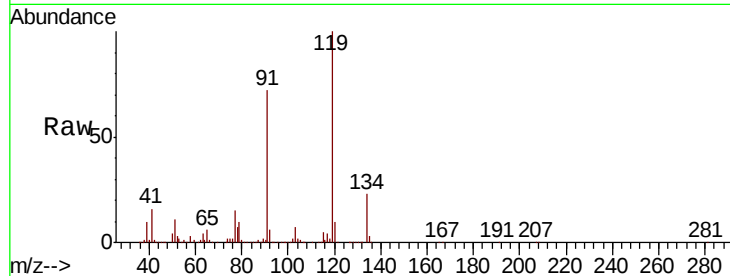




#83
 tert-Butylbenzene
 Concen: 46.115 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

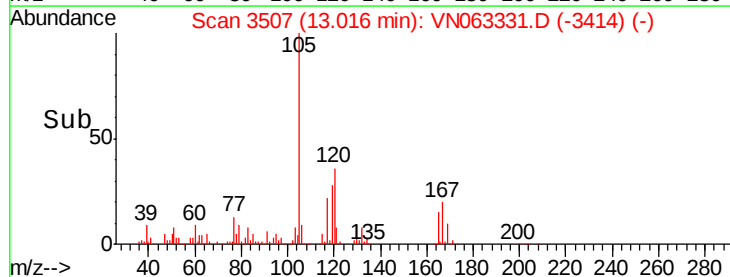
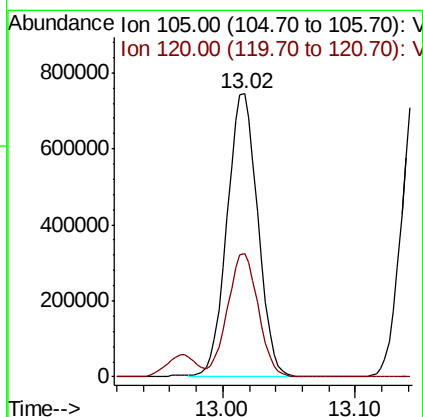
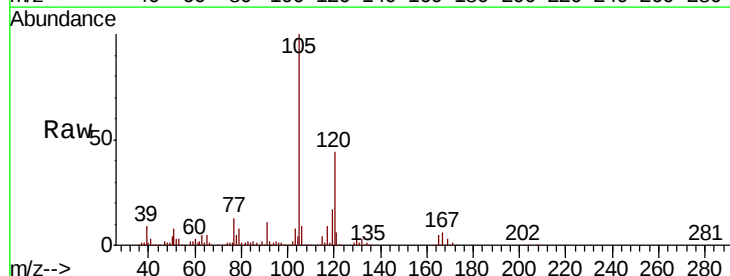
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

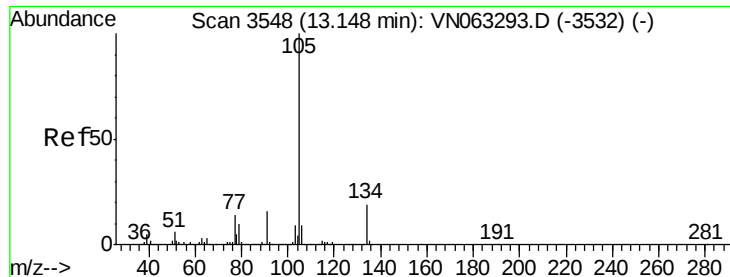
Tot Ion:119 Resp: 978576
 Ion Ratio Lower Upper
 119 100
 91 69.9 34.8 104.3
 134 23.6 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 47.531 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion:105 Resp: 1198740
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.8 65.4





#85

sec-Butylbenzene

Concen: 48.183 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

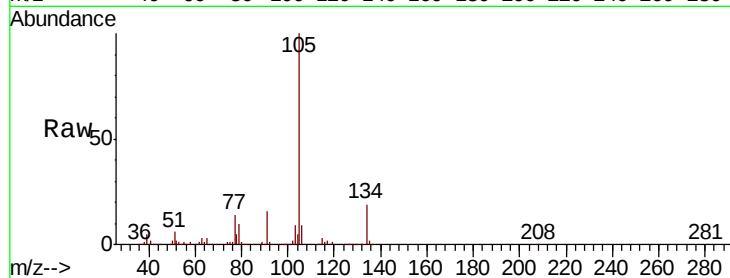
VSTDCCC050

Tot Ion:105 Resp: 1300823

Ion Ratio Lower Upper

105 100

134 18.9 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

800000

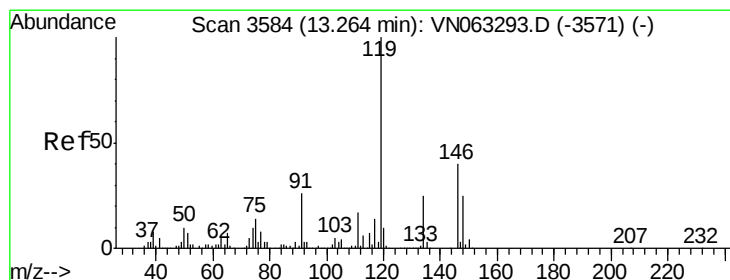
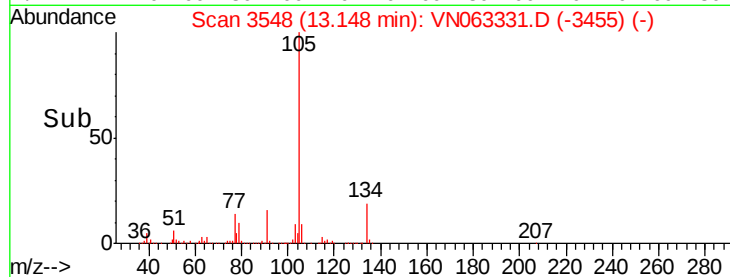
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 47.870 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

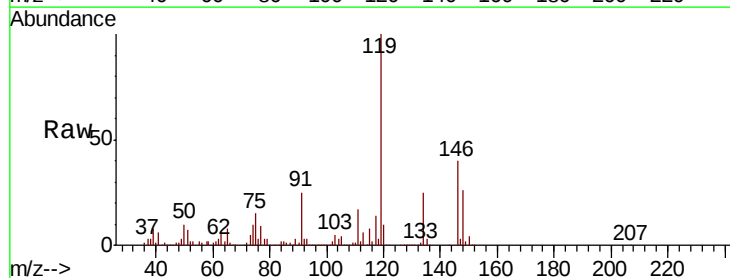
Tgt Ion:119 Resp: 1184809

Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.8

91 25.4 12.8 38.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

1000000

800000

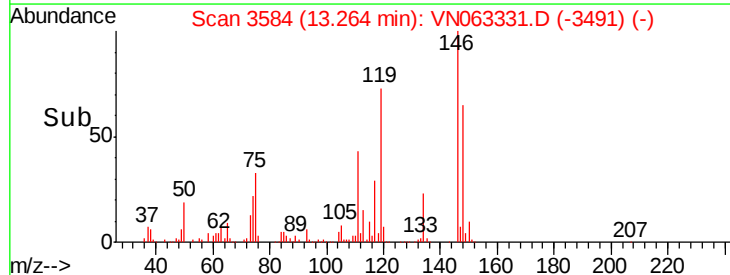
600000

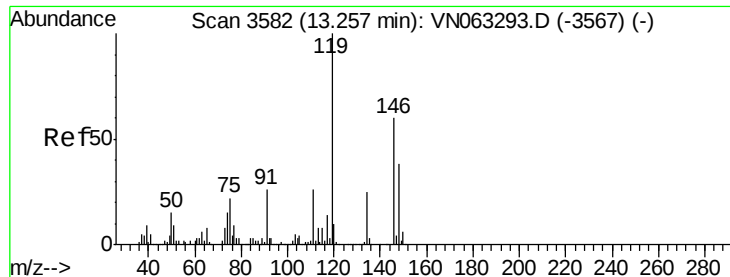
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 46.557 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

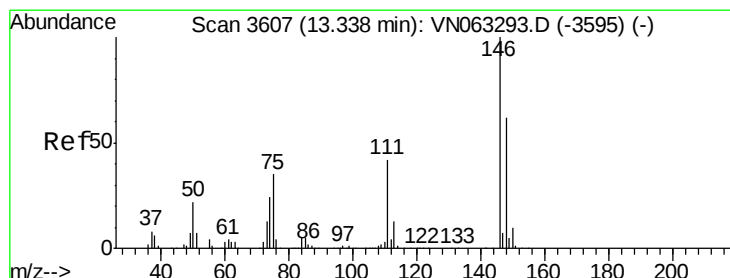
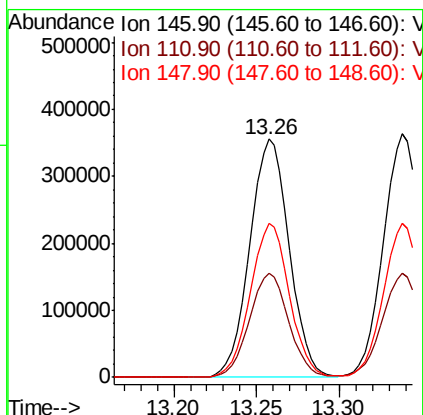
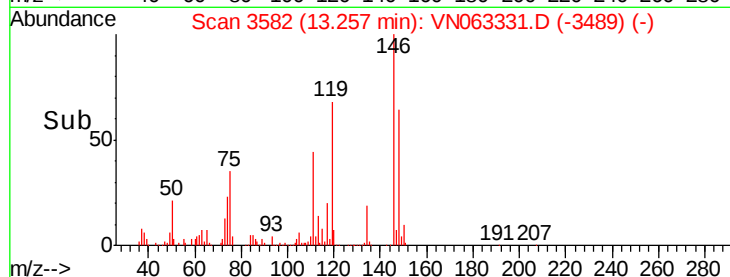
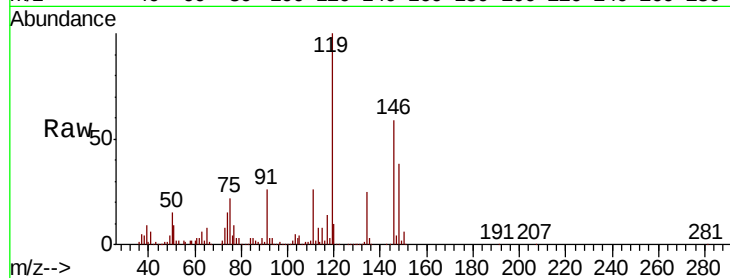
Tot Ion:146 Resp: 589540

Ion Ratio Lower Upper

146 100

111 43.6 21.8 65.4

148 63.9 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 48.795 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

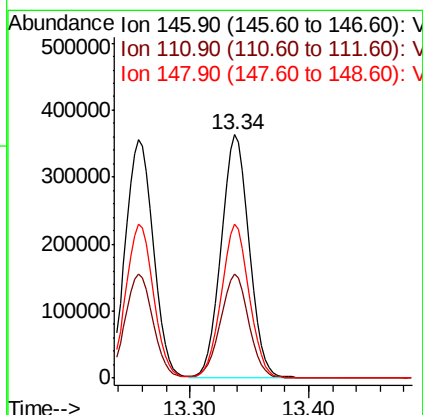
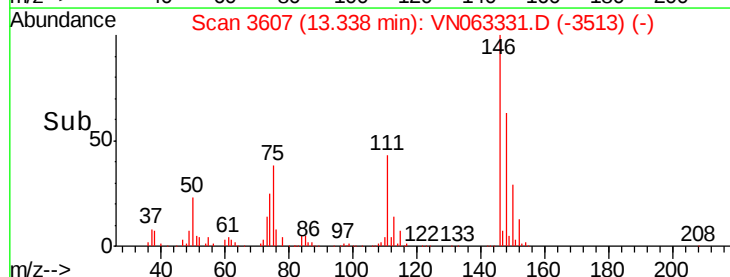
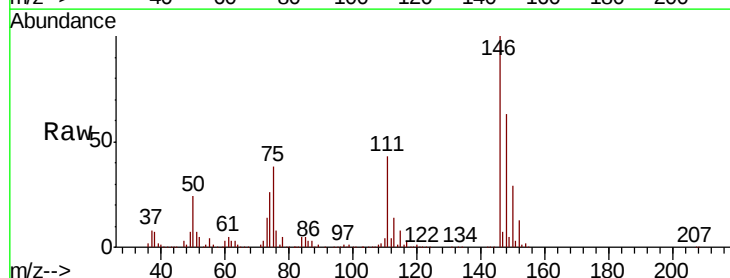
Tgt Ion:146 Resp: 591153

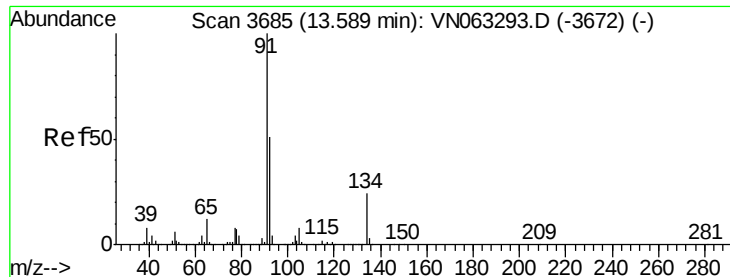
Ion Ratio Lower Upper

146 100

111 43.2 21.3 64.0

148 62.7 31.5 94.5





#89

n-Butylbenzene

Concen: 49.334 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

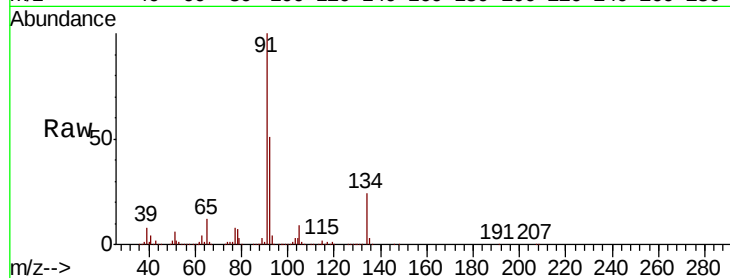
Tot Ion: 91 Resp: 1102264

Ion Ratio Lower Upper

91 100

92 50.9 25.8 77.3

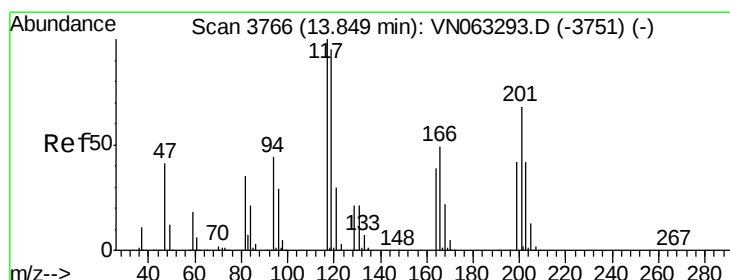
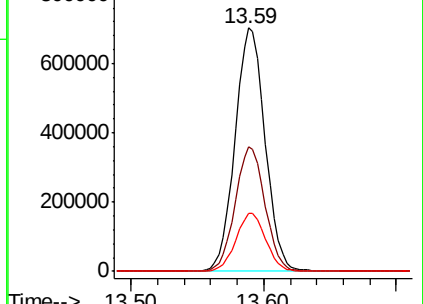
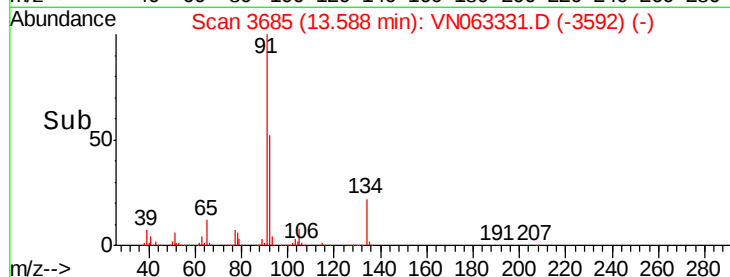
134 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN063331.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063331.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063331.D (-3672) (-)



#90

Hexachloroethane

Concen: 52.879 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063331.D

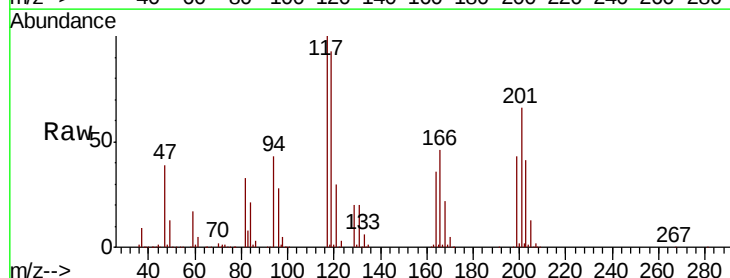
Acq: 14 Sep 2020 9:58

Tgt Ion: 117 Resp: 215282

Ion Ratio Lower Upper

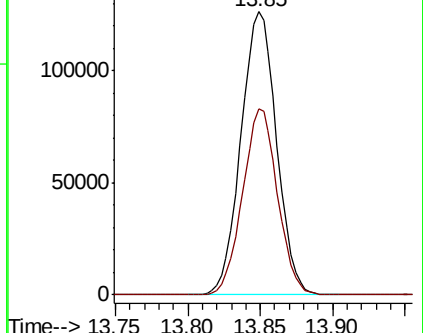
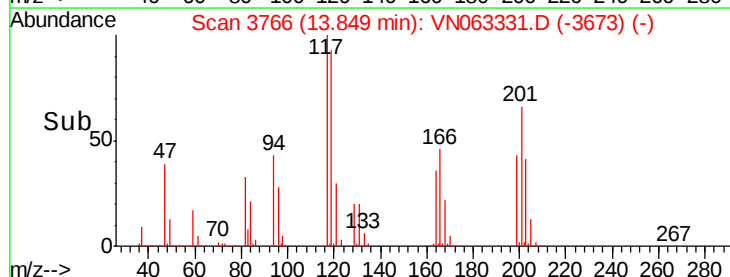
117 100

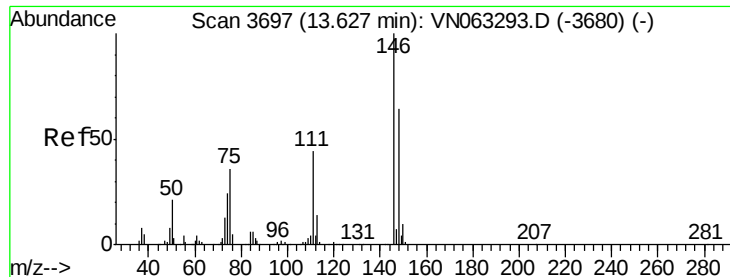
201 64.6 33.5 100.4



Abundance Ion 116.80 (116.50 to 117.50): VN063331.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063331.D (-3673) (-)

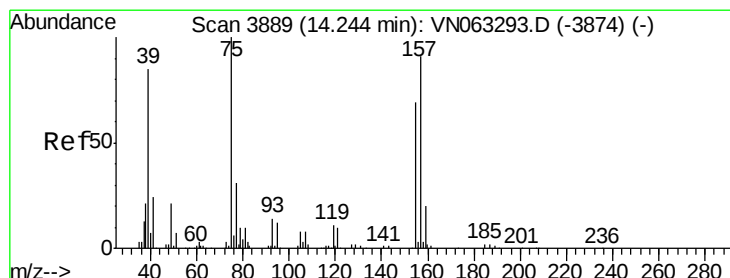
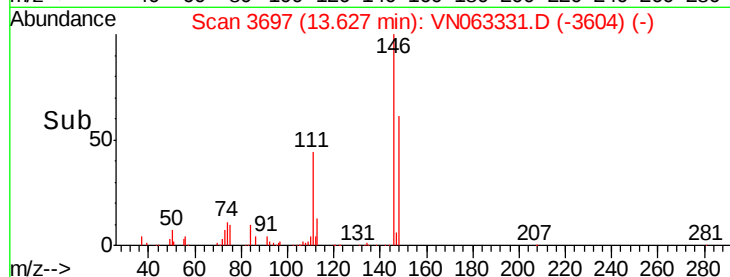
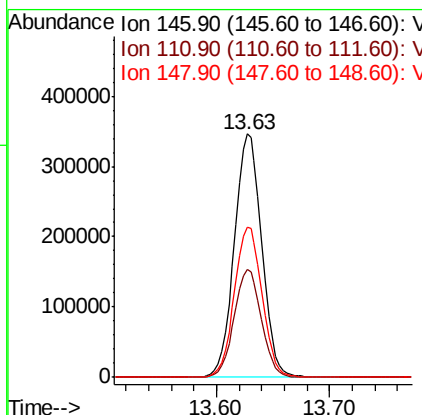
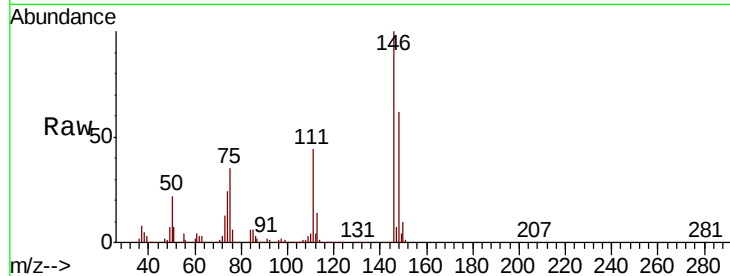




#91
 1,2-Dichlorobenzene
 Concen: 46.469 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

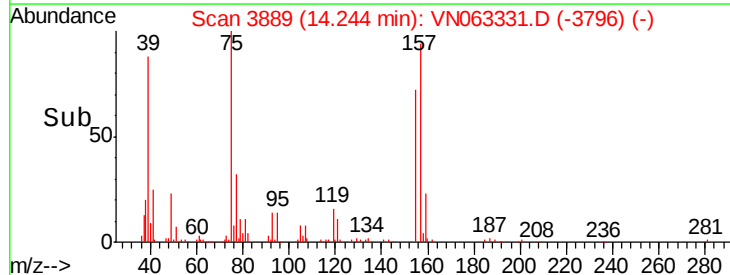
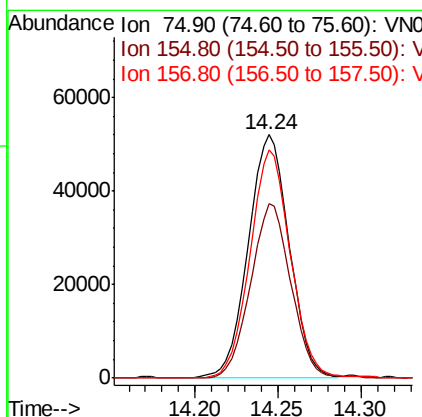
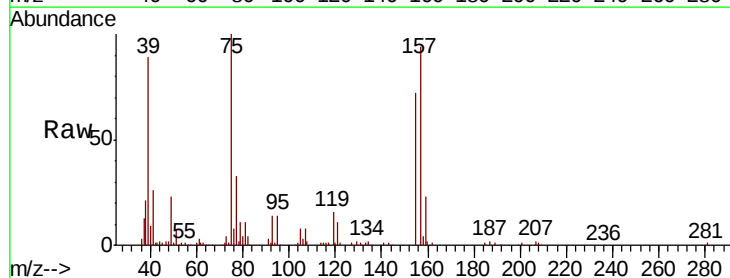
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

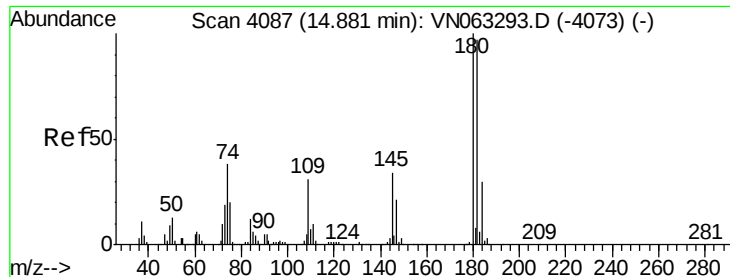
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.1	66.5
148	62.4	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.102 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.0	35.3	105.7
157	93.3	46.7	140.0

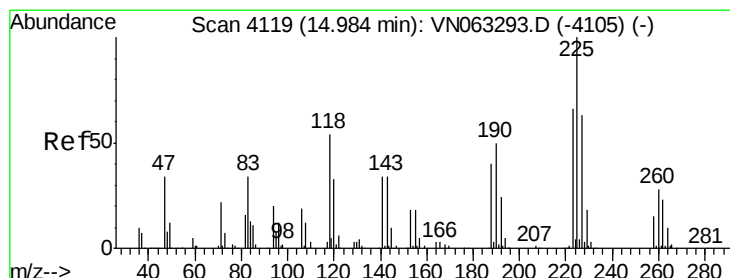
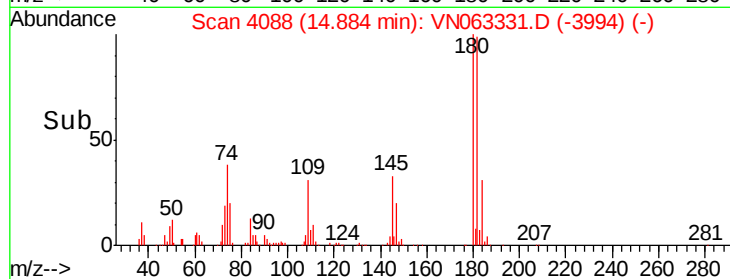
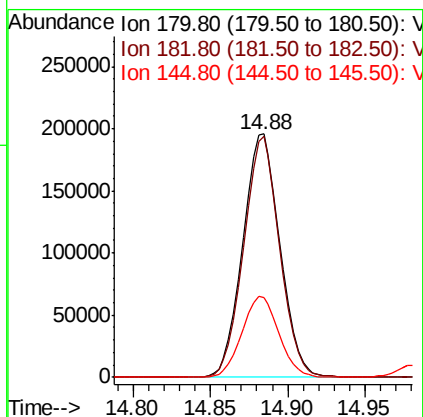
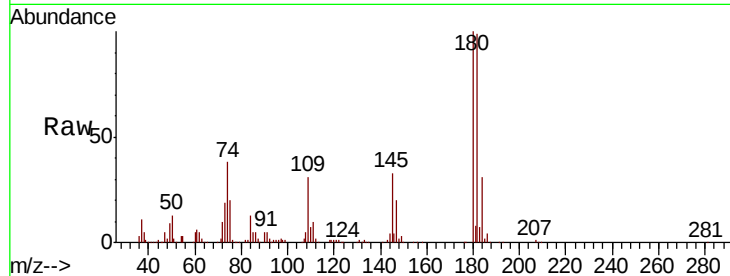




#93
 1,2,4-Trichlorobenzene
 Concen: 44.600 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

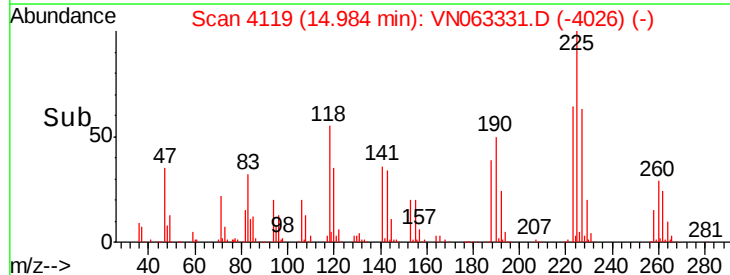
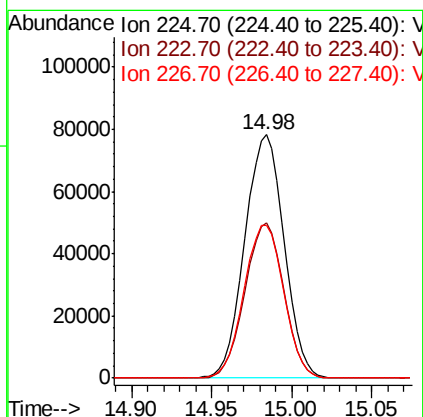
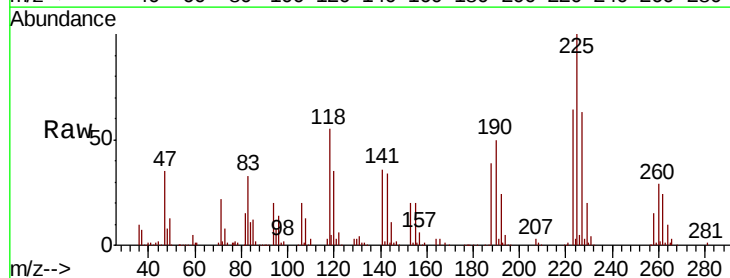
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

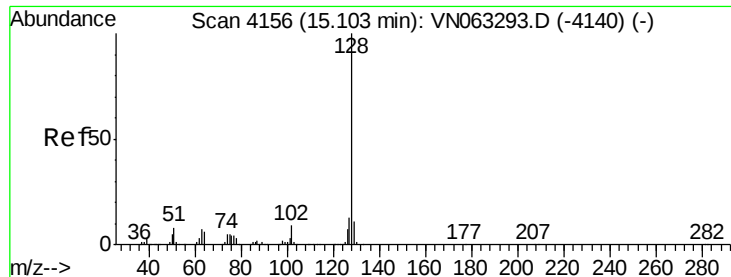
Tot Ion:180 Resp: 326728
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.0 144.2
 145 33.2 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 49.769 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion:225 Resp: 131440
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.9
 227 63.6 31.2 93.6

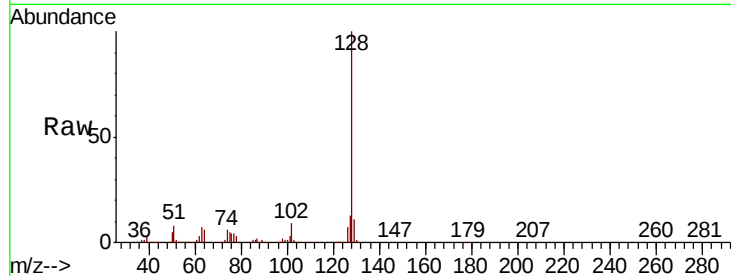




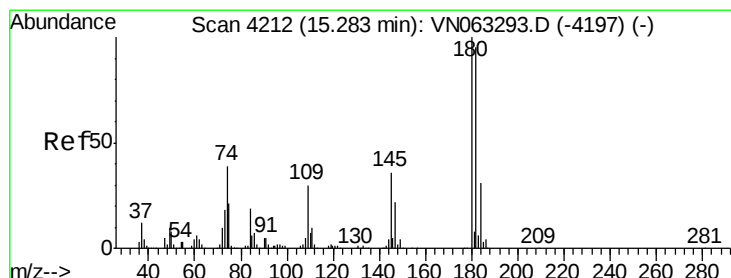
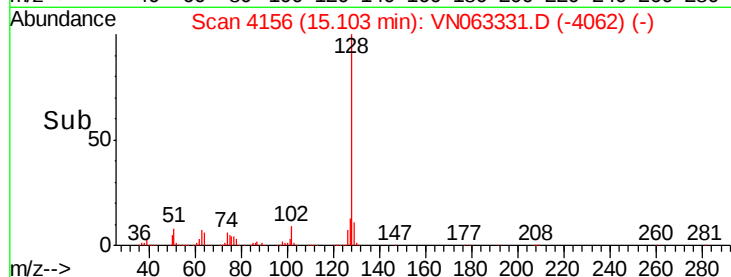
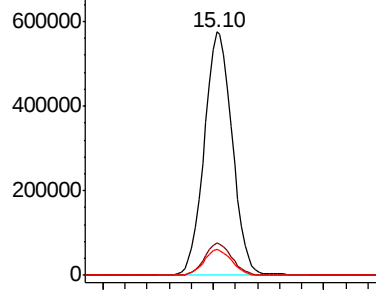
#95
Naphthalene
Concen: 45.830 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1010159
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.6 8.6 12.8

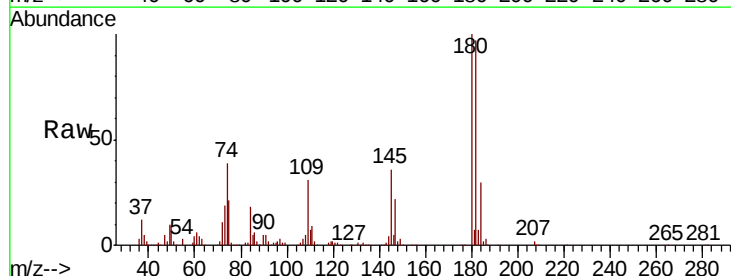


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 46.439 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion:180 Resp: 305695
Ion Ratio Lower Upper
180 100
182 96.7 47.4 142.3
145 34.8 17.2 51.6



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

