

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\
 Data File : VN063155.D
 Acq On : 1 Sep 2020 15:00
 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 02 04:17:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	502716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	898484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	830633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	410032	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	372486	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
35) Dibromofluoromethane	7.55	113	275551	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	10.06	98	1062266	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
62) 4-Bromofluorobenzene	12.38	95	387989	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	245857	49.659	ug/l	97
3) Chloromethane	2.04	50	326913	45.346	ug/l	97
4) Vinyl Chloride	2.16	62	388954	48.842	ug/l	99
5) Bromomethane	2.53	94	351289	52.404	ug/l	99
6) Chloroethane	2.67	64	322907	50.998	ug/l	99
7) Trichlorofluoromethane	2.98	101	724556	67.285	ug/l	96
8) Diethyl Ether	3.37	74	175586	46.083	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	284207	52.506	ug/l	98
10) Methyl Iodide	3.91	142	304918	41.303	ug/l	98
11) Tert butyl alcohol	4.73	59	253800	251.599	ug/l	100
12) 1,1-Dichloroethene	3.69	96	269517	48.865	ug/l	99
13) Acrolein	3.57	56	46718	129.742	ug/l	96
14) Allyl chloride	4.27	41	499988	51.042	ug/l	96
15) Acrylonitrile	4.93	53	685242	242.582	ug/l	99
16) Acetone	3.77	43	687248	294.183	ug/l	99
17) Carbon Disulfide	4.01	76	792782	48.291	ug/l	100
18) Methyl Acetate	4.27	43	302535	50.507	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1007752	49.252	ug/l	98
20) Methylene Chloride	4.50	84	321622	48.951	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	312479	51.280	ug/l	98
22) Diisopropyl ether	5.90	45	1107495	50.452	ug/l	96
23) Vinyl Acetate	5.84	43	4589671	262.038	ug/l	99
24) 1,1-Dichloroethane	5.79	63	592814	48.988	ug/l	100
25) 2-Butanone	6.78	43	1002795	277.225	ug/l	99
26) 2,2-Dichloropropane	6.77	77	565365	51.565	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	361751	48.841	ug/l	100
28) Bromochloromethane	7.15	49	294280	46.546	ug/l	98
29) Tetrahydrofuran	7.16	42	622119	248.731	ug/l	97
30) Chloroform	7.33	83	630846	49.827	ug/l	100
31) Cyclohexane	7.61	56	527678	49.463	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	571760	52.407	ug/l	98
36) 1,1-Dichloropropene	7.75	75	469315	54.334	ug/l	98
37) Ethyl Acetate	6.87	43	426953	52.329	ug/l #	96
38) Carbon Tetrachloride	7.73	117	479843	54.779	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	543125	55.971	ug/l	100
40) Benzene	8.00	78	1374619	54.156	ug/l	98
41) Methacrylonitrile	7.12	41	205721	56.535	ug/l	97
42) 1,2-Dichloroethane	8.08	62	515885	54.409	ug/l	100
43) Isopropyl Acetate	8.12	43	767568	54.489	ug/l #	92
44) Trichloroethene	8.80	130	350488	56.928	ug/l	100
45) 1,2-Dichloropropane	9.08	63	353145	52.548	ug/l	97
46) Dibromomethane	9.17	93	242087	54.357	ug/l	99
47) Bromodichloromethane	9.37	83	519486	54.418	ug/l	98
48) Methyl methacrylate	9.16	41	348430	54.868	ug/l	95
49) 1,4-Dioxane	9.16	88	107175	1091.174	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2171415	283.668	ug/l	99
52) Toluene	10.12	92	880792	55.705	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	567703	54.367	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	603406	55.051	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	327219	54.037	ug/l	99
56) Ethyl methacrylate	10.40	69	508853	55.217	ug/l	99
57) 1,3-Dichloropropane	10.68	76	576838	53.472	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1084510	227.261	ug/l	99
59) 2-Hexanone	10.72	43	1633473	303.639	ug/l	99
60) Dibromochloromethane	10.87	129	378970	56.607	ug/l	99
61) 1,2-Dibromoethane	10.98	107	346639	55.067	ug/l	96
64) Tetrachloroethene	10.60	164	351500	58.929	ug/l	98
65) Chlorobenzene	11.41	112	907362	54.236	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	344104	55.398	ug/l	100
67) Ethyl Benzene	11.49	91	1736573	56.899	ug/l	99
68) m/p-Xylenes	11.59	106	1288630	114.000	ug/l	99
69) o-Xylene	11.92	106	614055	56.233	ug/l	97
70) Styrene	11.94	104	1059659	56.464	ug/l	99
71) Bromoform	12.10	173	239643	56.850	ug/l #	97
73) Isopropylbenzene	12.23	105	1681900	53.480	ug/l	99
74) N-amyl acetate	12.04	43	691395	53.076	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	442736	48.830	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	395230m	49.059	ug/l	
77) Bromobenzene	12.50	156	374766	52.691	ug/l	95
78) n-propylbenzene	12.57	91	2001986	55.012	ug/l	100
79) 2-Chlorotoluene	12.65	91	1141832	52.386	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1437552	54.917	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	161134	48.342	ug/l	96
82) 4-Chlorotoluene	12.75	91	1226157	54.241	ug/l	99
83) tert-Butylbenzene	12.97	119	1180394	52.579	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1457165	55.226	ug/l	98
85) sec-Butylbenzene	13.15	105	1648091	56.328	ug/l	100
86) p-Isopropyltoluene	13.27	119	1482689	57.078	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	711113	54.424	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	724520	53.552	ug/l	98
89) n-Butylbenzene	13.59	91	1375501	57.317	ug/l	99
90) Hexachloroethane	13.85	117	246325	51.226	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	701461	55.322	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	99708	50.020	ug/l	97

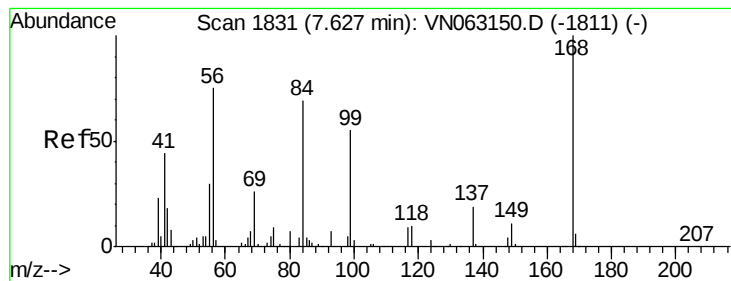
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\
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Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	396777	56.011	ug/l	100
94) Hexachlorobutadiene	14.98	225	144481	54.597	ug/l	98
95) Naphthalene	15.11	128	1253915	53.055	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	368911	53.453	ug/l	100

(#) = 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: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

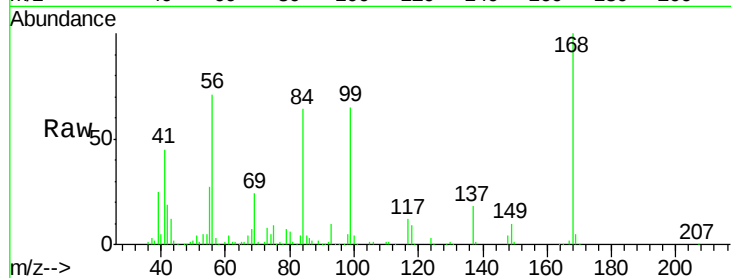
VSTDCCC050

Tot Ion:168 Resp: 502716

Ion Ratio Lower Upper

168 100

99 64.7 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

250000

200000

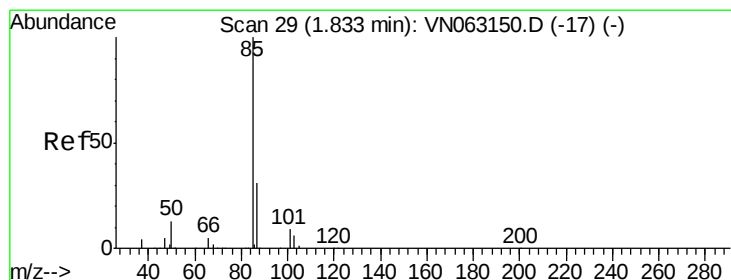
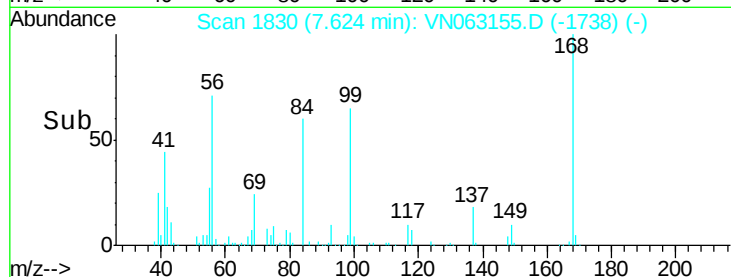
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.659 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063155.D

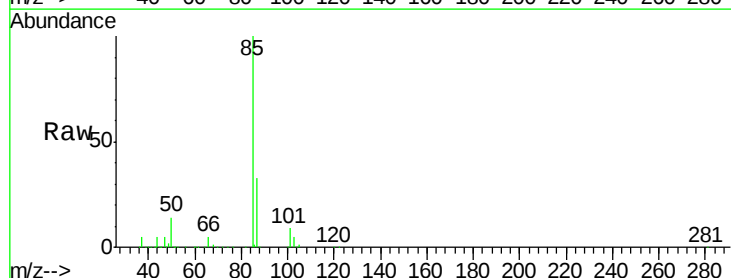
Acq: 1 Sep 2020 15:00

Tgt Ion: 85 Resp: 245857

Ion Ratio Lower Upper

85 100

87 32.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

200000

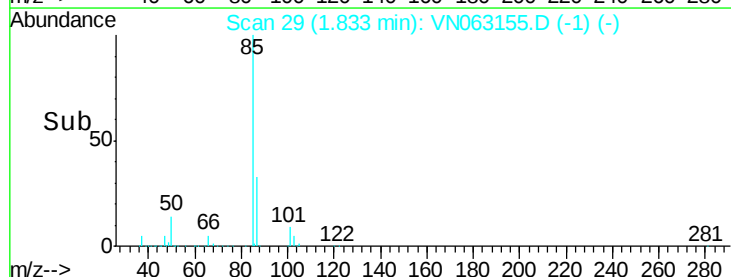
150000

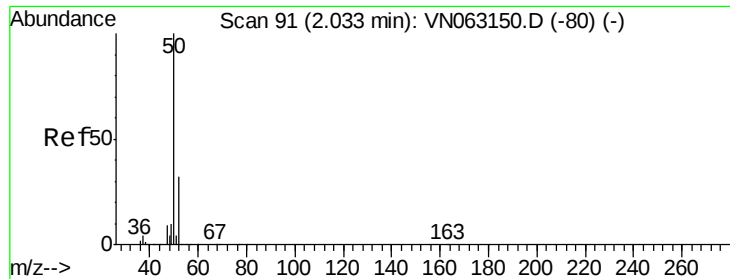
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.346 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

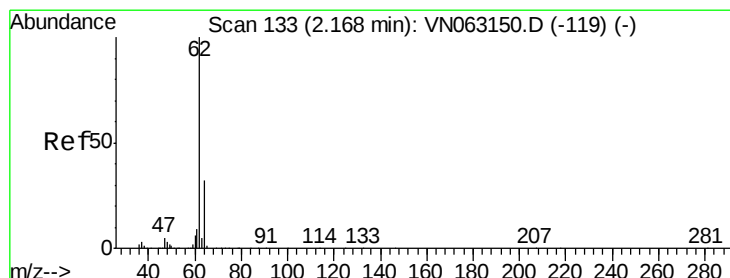
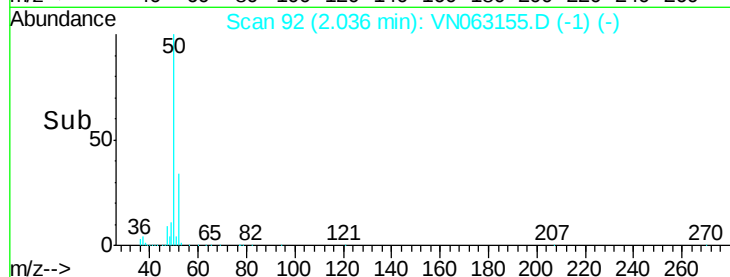
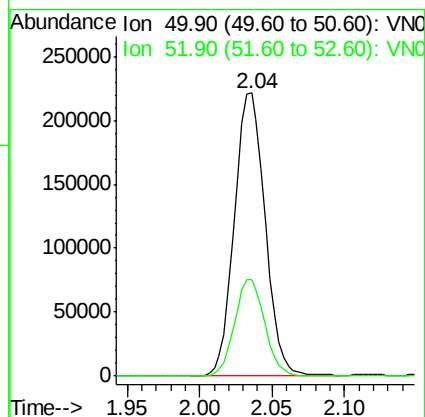
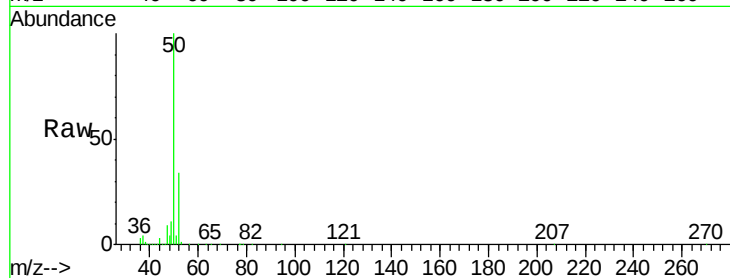
VSTDCCC050

Tot Ion: 50 Resp: 326913

Ion Ratio Lower Upper

50 100

52 34.1 25.8 38.6



#4

Vinyl Chloride

Concen: 48.842 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063155.D

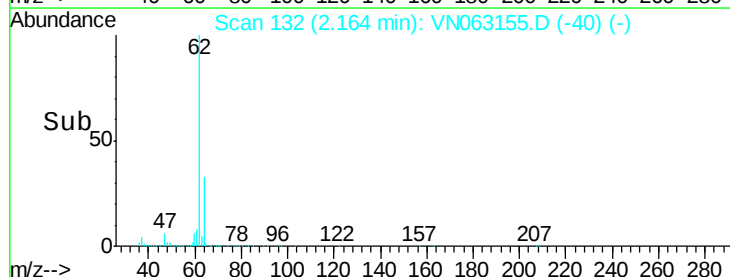
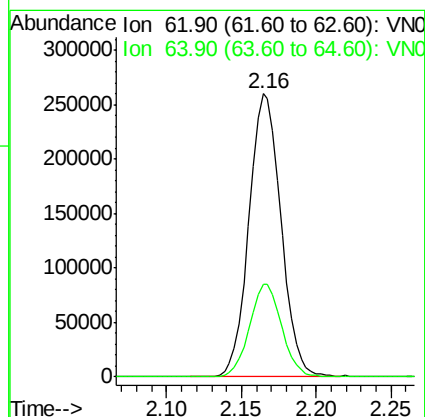
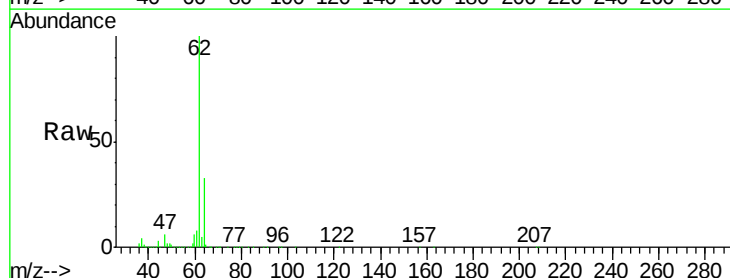
Acq: 1 Sep 2020 15:00

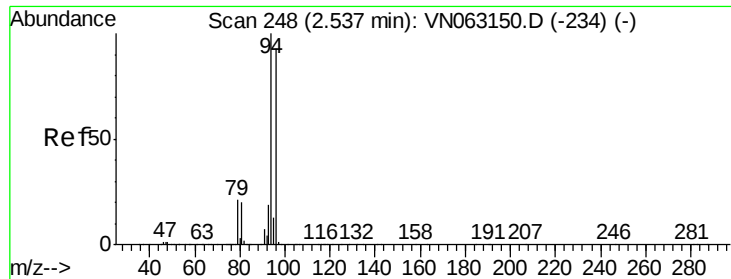
Tgt Ion: 62 Resp: 388954

Ion Ratio Lower Upper

62 100

64 32.7 25.8 38.8





#5

Bromomethane

Concen: 52.404 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

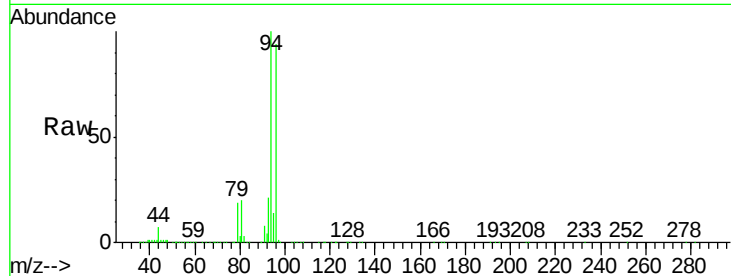
VSTDCCC050

Tot Ion: 94 Resp: 351289

Ion Ratio Lower Upper

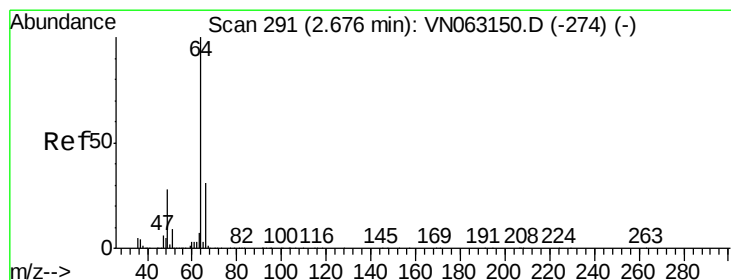
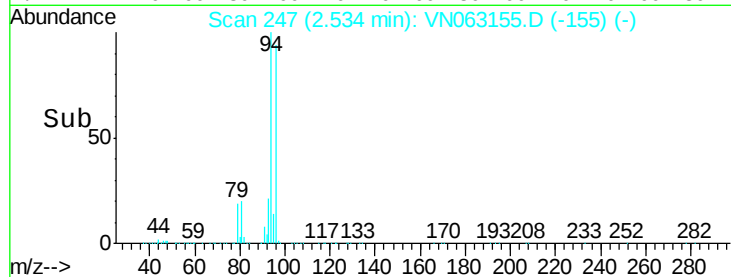
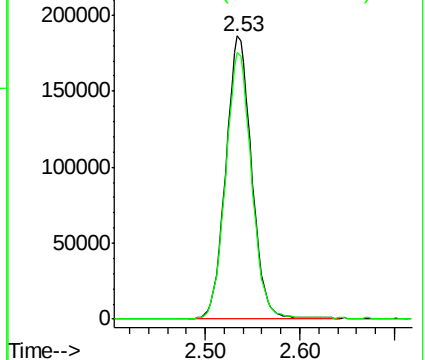
94 100

96 94.1 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.998 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063155.D

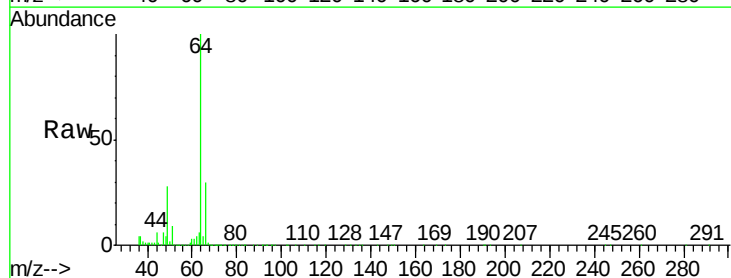
Acq: 1 Sep 2020 15:00

Tgt Ion: 64 Resp: 322907

Ion Ratio Lower Upper

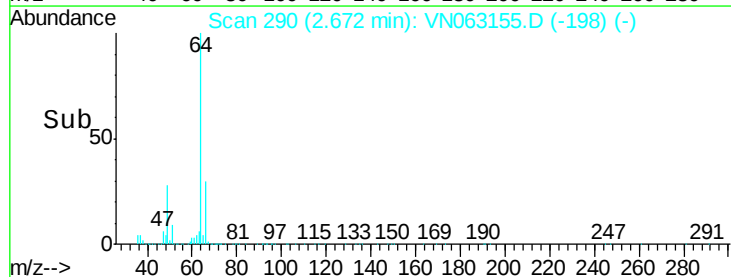
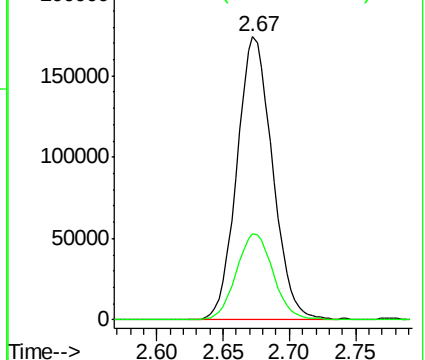
64 100

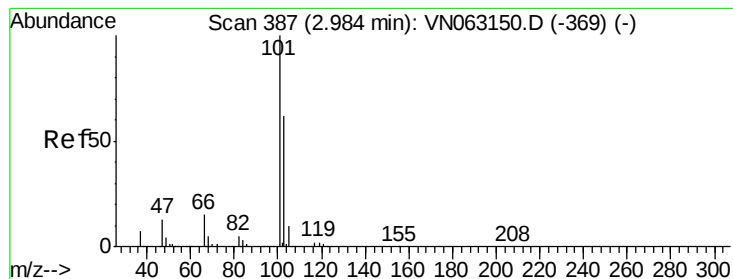
66 30.3 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



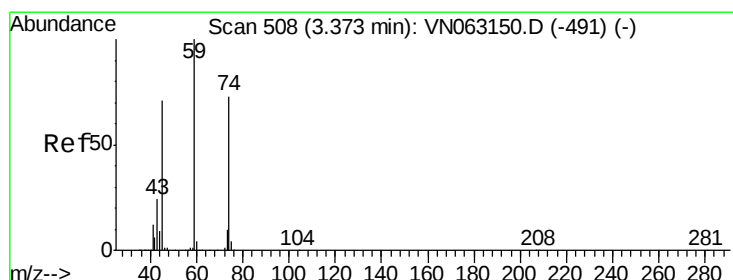
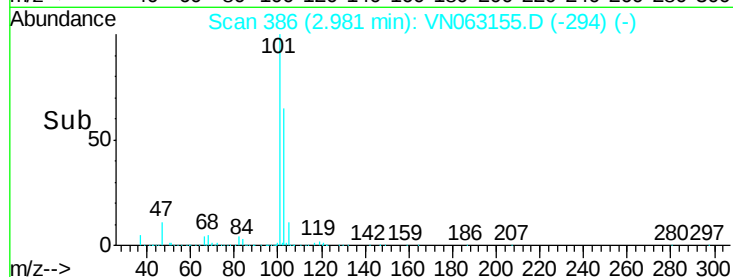
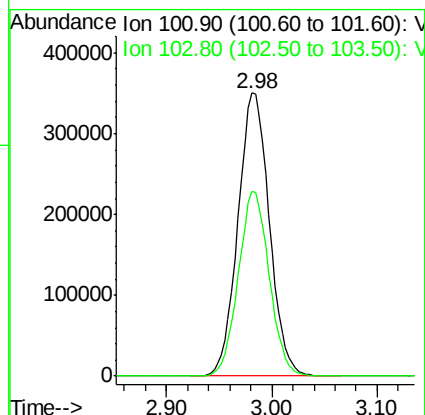
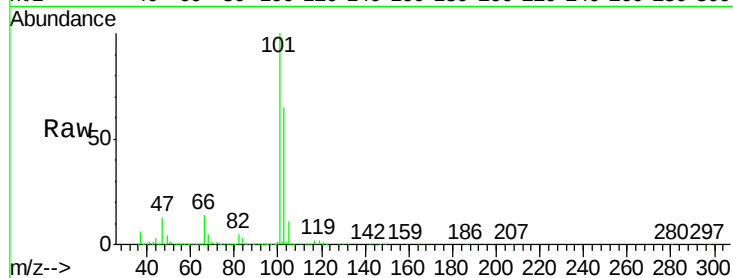


#7

Trichlorofluoromethane
 Concen: 67.285 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

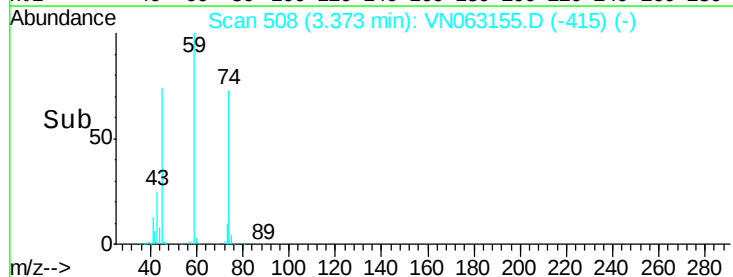
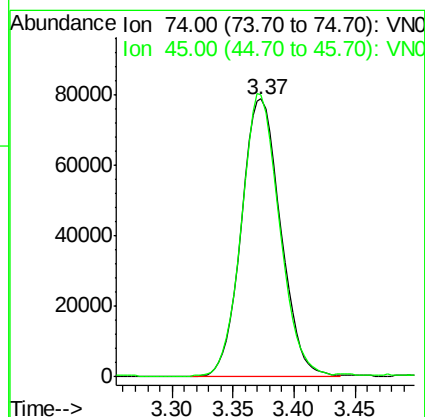
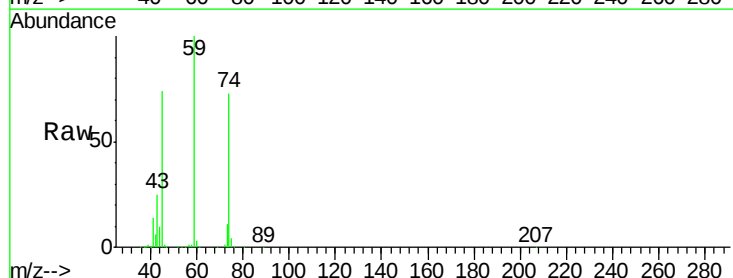
Tot Ion:101 Resp: 724556
 Ion Ratio Lower Upper
 101 100
 103 65.1 49.7 74.5

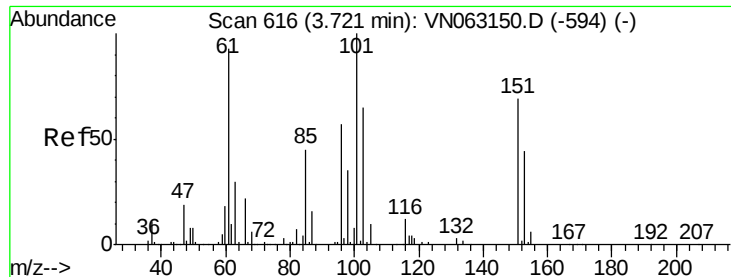


#8

Diethyl Ether
 Concen: 46.083 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Tgt Ion: 74 Resp: 175586
 Ion Ratio Lower Upper
 74 100
 45 98.8 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.506 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

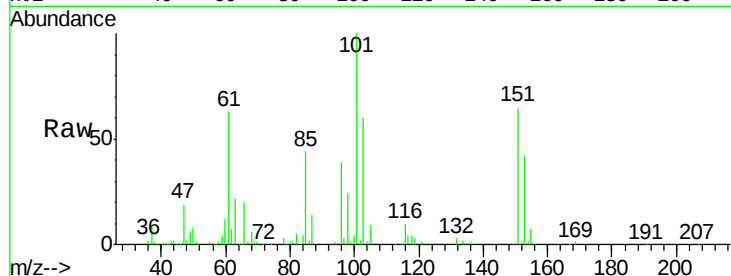
Tot Ion:101 Resp: 284207

Ion Ratio Lower Upper

101 100

85 45.4 37.8 56.8

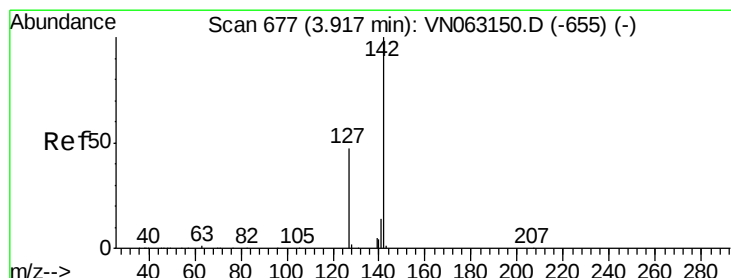
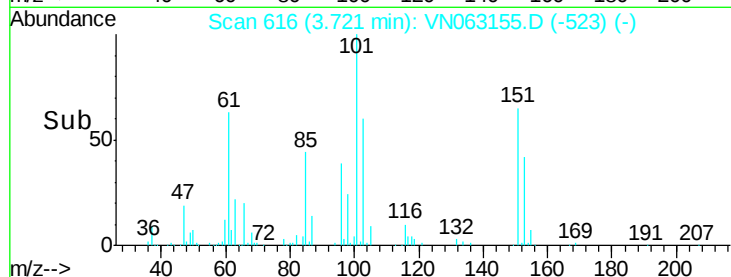
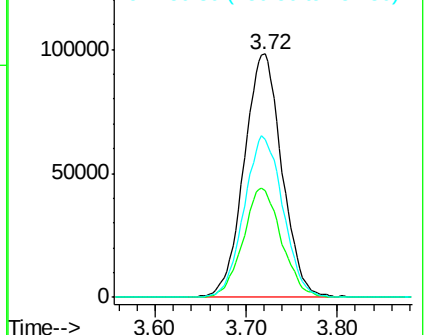
151 67.9 55.0 82.4



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: 41.303 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.01 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

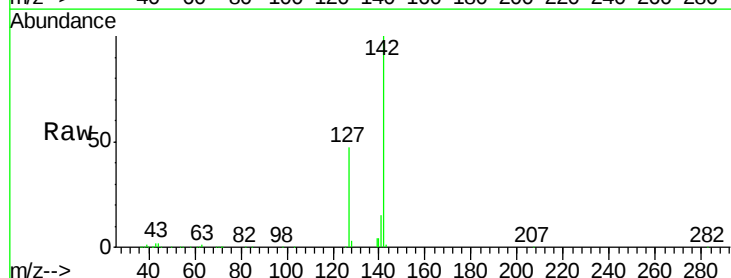
Tgt Ion:142 Resp: 304918

Ion Ratio Lower Upper

142 100

127 48.2 37.6 56.4

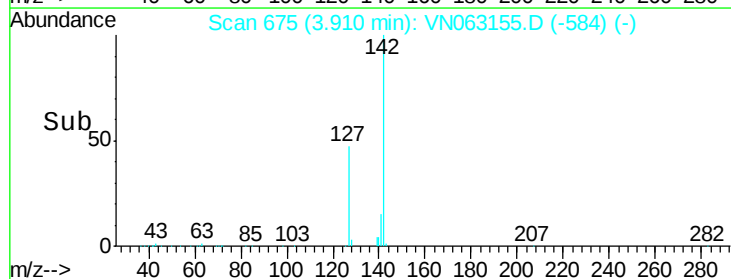
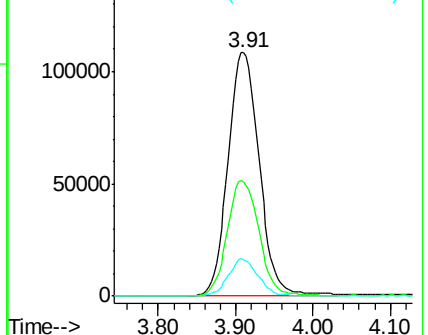
141 14.6 11.3 16.9

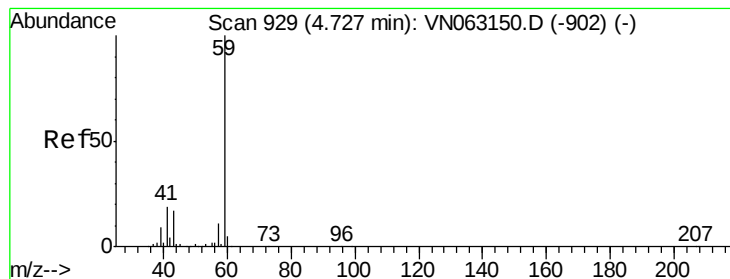


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



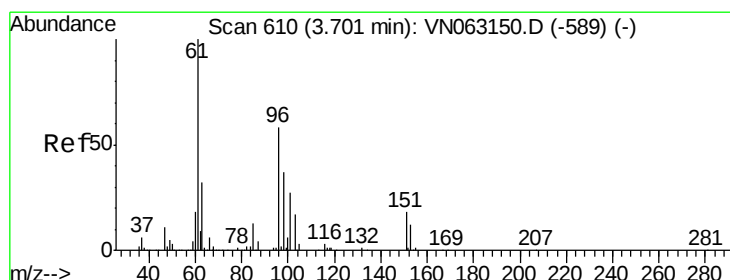
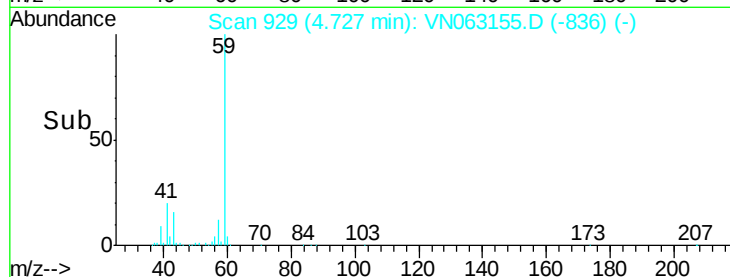
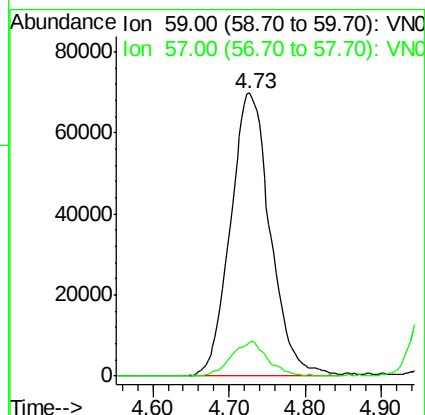
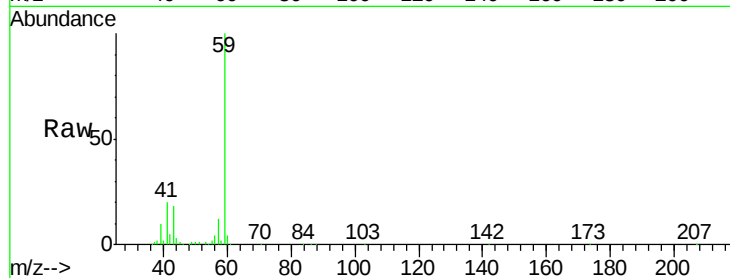


#11

Tert butyl alcohol
 Concen: 251.599 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

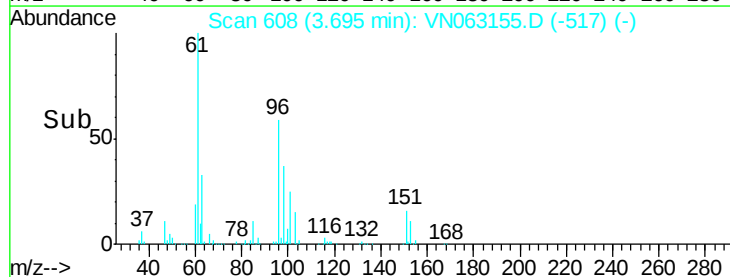
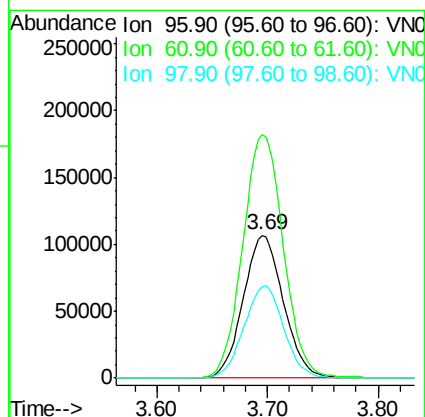
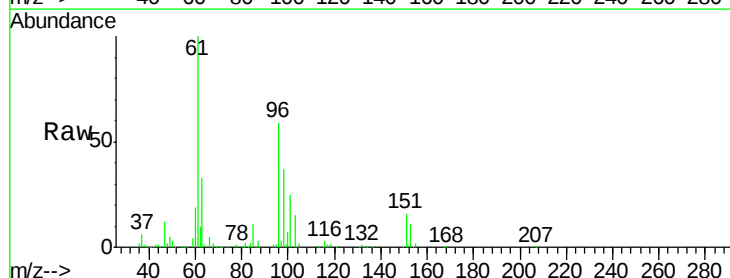
Tot Ion: 59 Resp: 253800
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

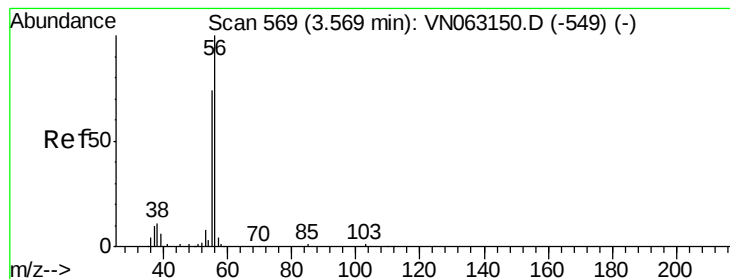


#12

1,1-Dichloroethene
 Concen: 48.865 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Tgt Ion: 96 Resp: 269517
 Ion Ratio Lower Upper
 96 100
 61 170.5 137.4 206.2
 98 63.9 50.5 75.7





#13

Acrolein

Concen: 129.742 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

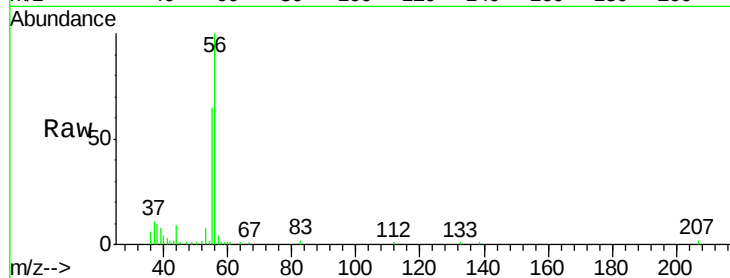
VSTDCCC050

Tot Ion: 56 Resp: 46718

Ion Ratio Lower Upper

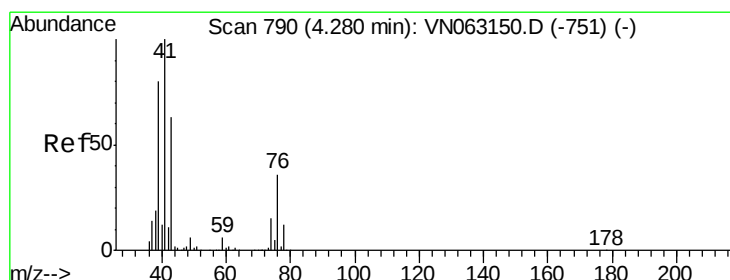
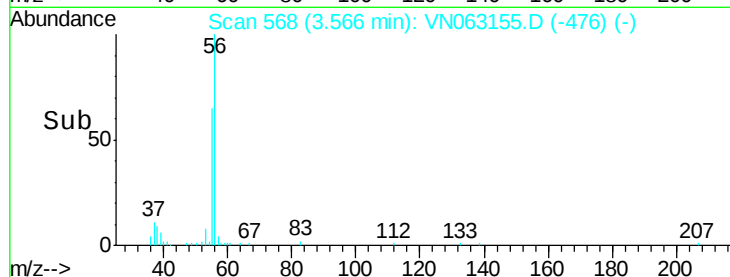
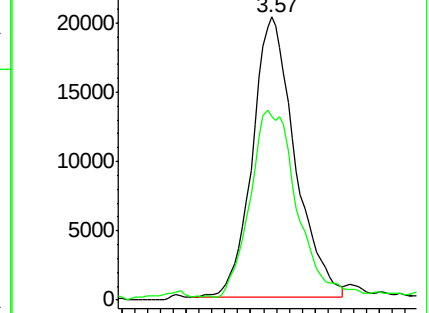
56 100

55 72.5 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VN063155.D (-549) (-)

Ion 55.00 (54.70 to 55.70): VN063155.D (-549) (-)



#14

Allyl chloride

Concen: 51.042 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

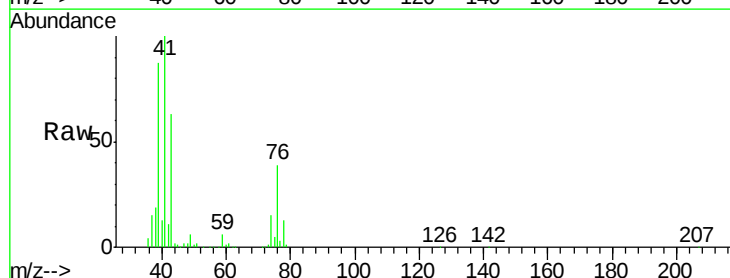
Tgt Ion: 41 Resp: 499988

Ion Ratio Lower Upper

41 100

39 80.1 60.2 90.2

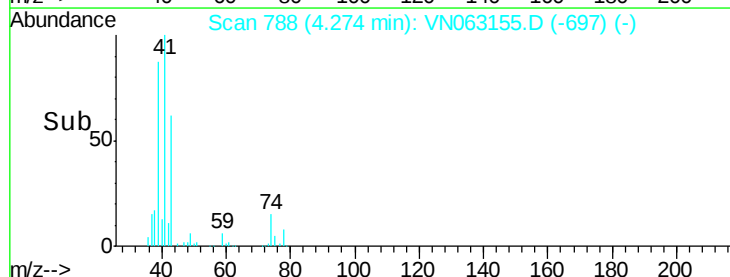
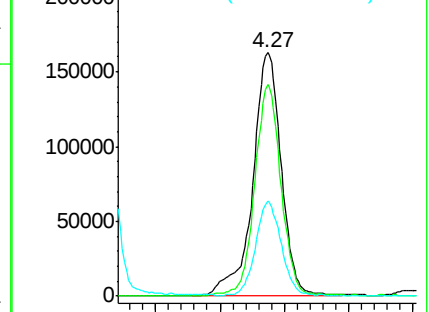
76 34.4 27.7 41.5

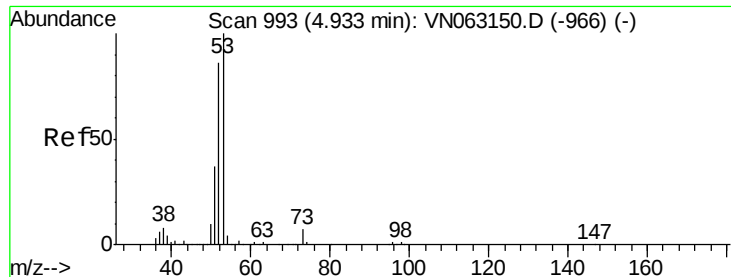


Abundance Ion 41.00 (40.70 to 41.70): VN063155.D (-697) (-)

Ion 39.00 (38.70 to 39.70): VN063155.D (-697) (-)

Ion 75.90 (75.60 to 76.60): VN063155.D (-697) (-)





#15

Acrylonitrile

Concen: 242.582 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

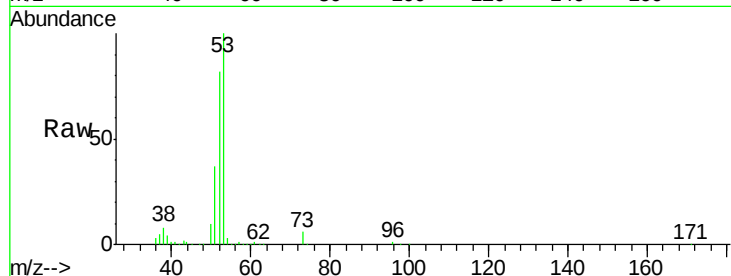
Tot Ion: 53 Resp: 685242

Ion Ratio Lower Upper

53 100

52 82.7 67.2 100.8

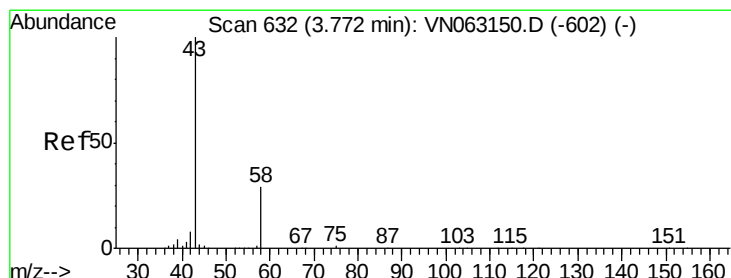
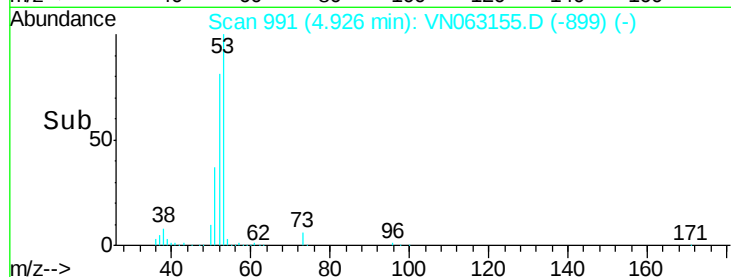
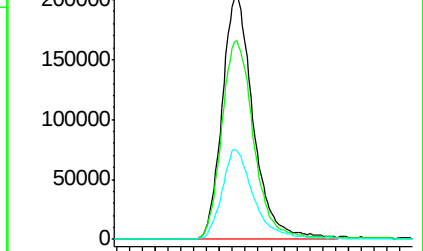
51 37.3 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063155.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN063155.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN063155.D (-899) (-)



#16

Acetone

Concen: 294.183 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063155.D

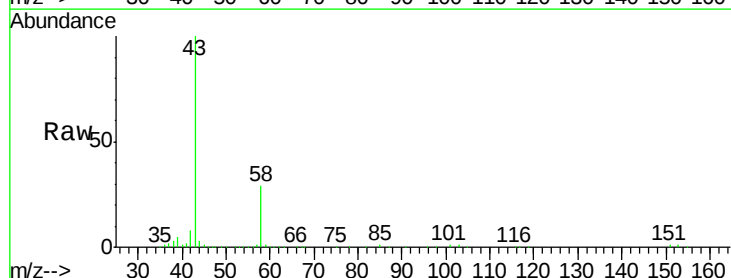
Acq: 1 Sep 2020 15:00

Tgt Ion: 43 Resp: 687248

Ion Ratio Lower Upper

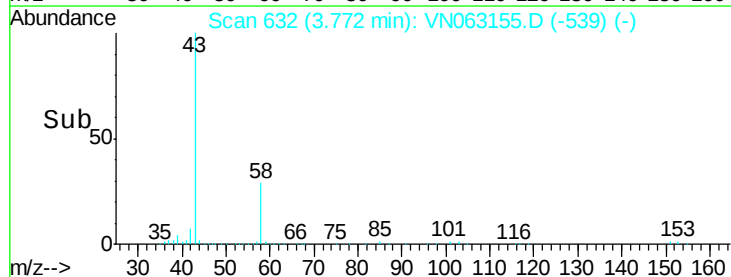
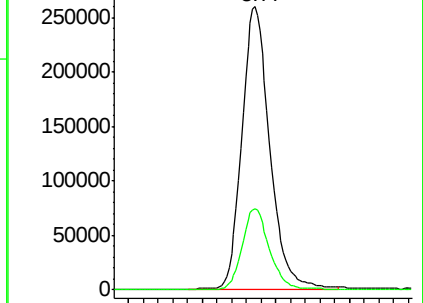
43 100

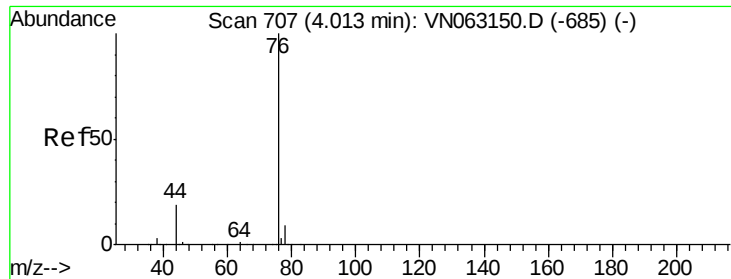
58 28.6 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN063155.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063155.D (-539) (-)





#17

Carbon Disulfide

Concen: 48.291 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

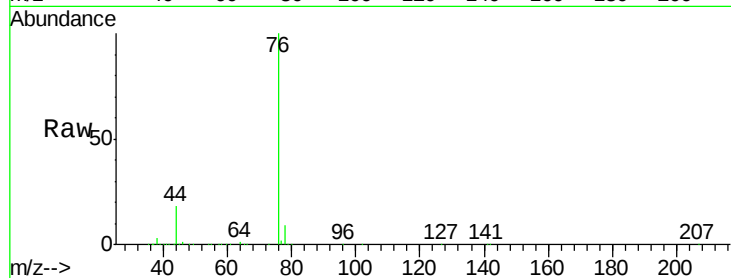
VSTDCCC050

Tot Ion: 76 Resp: 792782

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

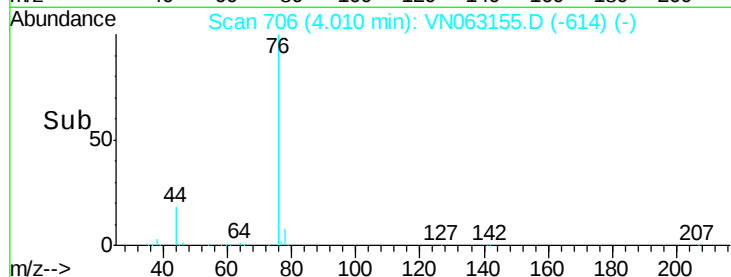
300000

200000

100000

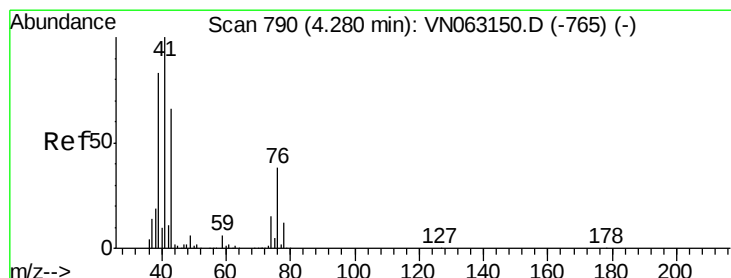
0

Time-->



4.01

Time-->



#18

Methyl Acetate

Concen: 50.507 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063155.D

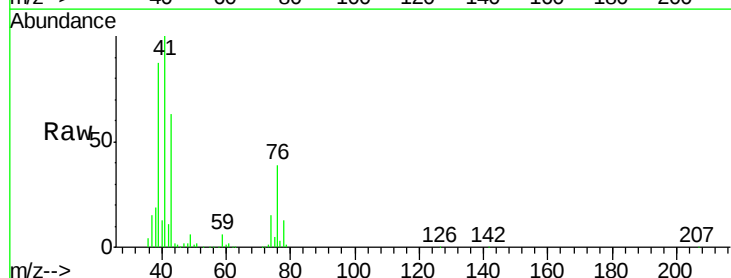
Acq: 1 Sep 2020 15:00

Tgt Ion: 43 Resp: 302535

Ion Ratio Lower Upper

43 100

74 23.5 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

120000

100000

80000

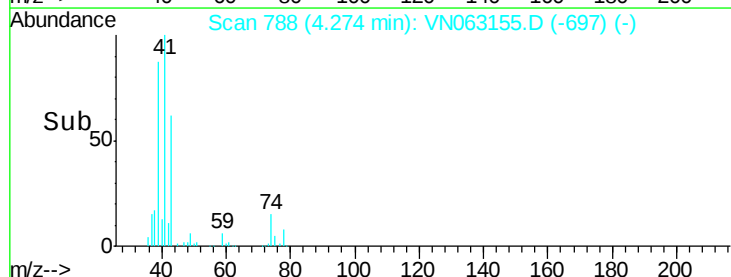
60000

40000

20000

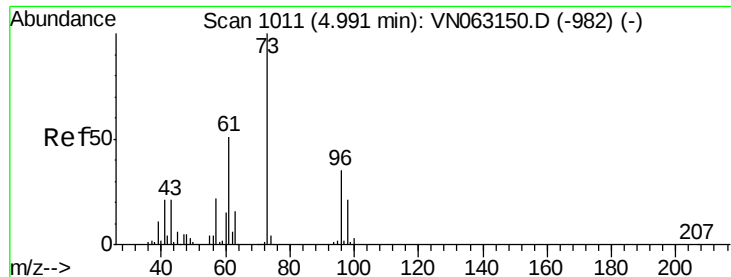
0

Time-->



4.27

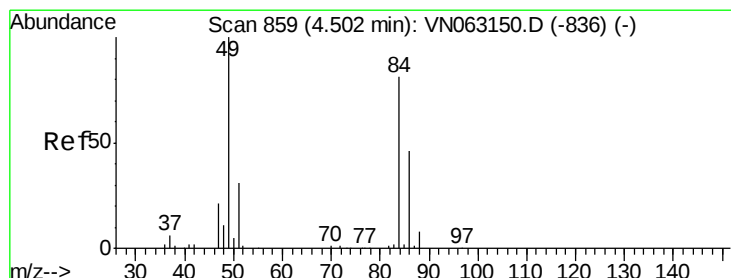
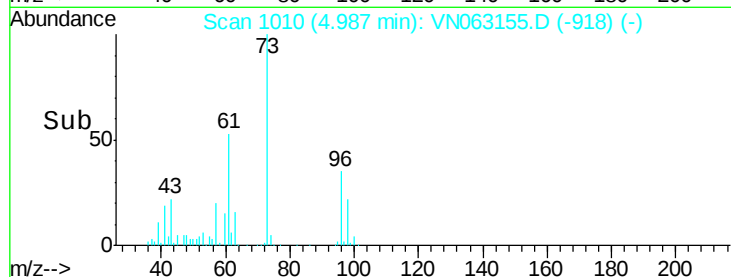
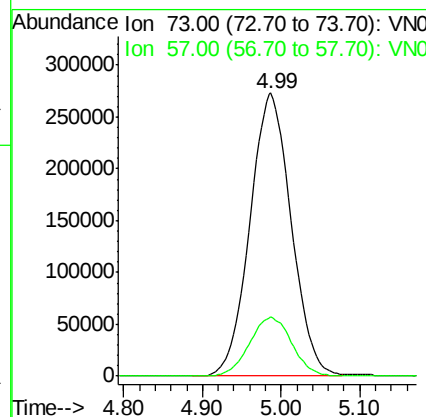
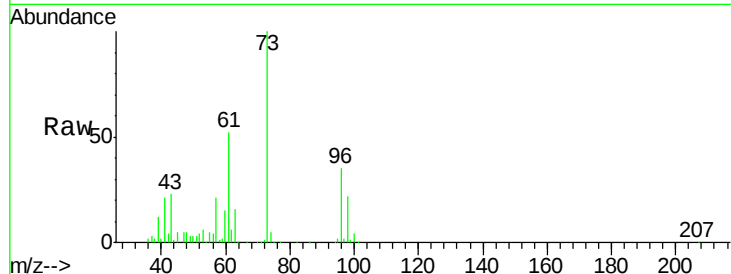
Time-->



#19
Methvl tert-butvl Ether
Concen: 49.252 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

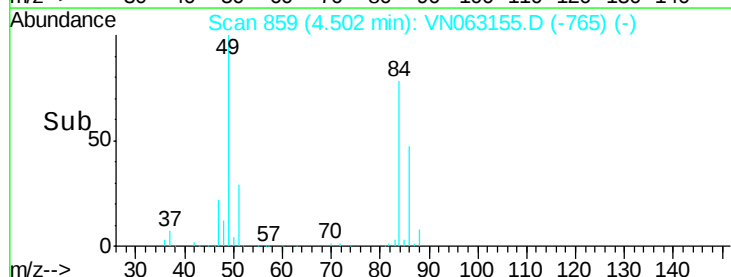
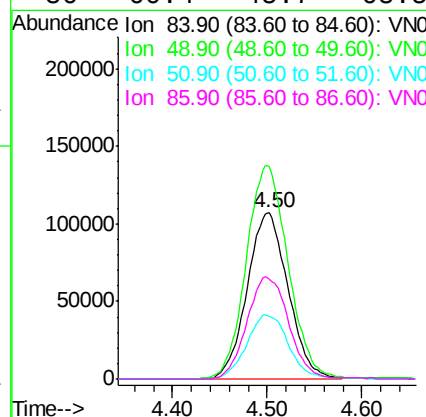
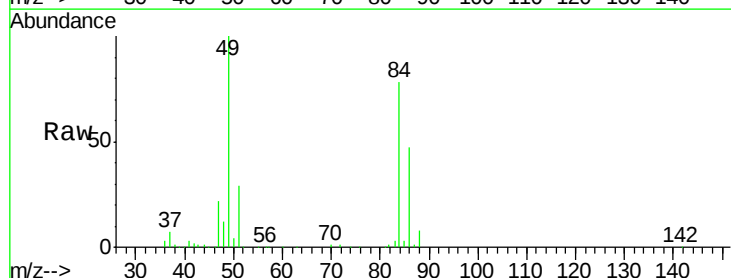
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

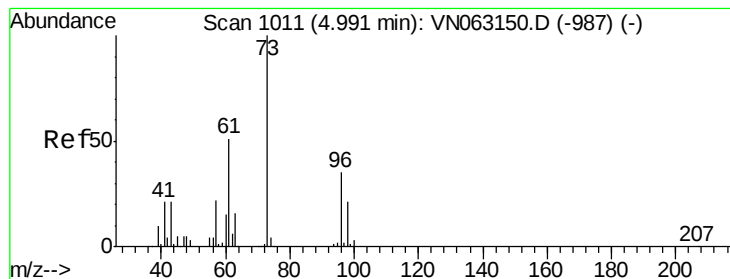
Tot Ion: 73 Resp: 1007752
Ion Ratio Lower Upper
73 100
57 21.0 17.6 26.4



#20
Methylene Chloride
Concen: 48.951 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion: 84 Resp: 321622
Ion Ratio Lower Upper
84 100
49 128.1 98.4 147.6
51 37.8 30.4 45.6
86 60.4 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 51.280 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.01 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

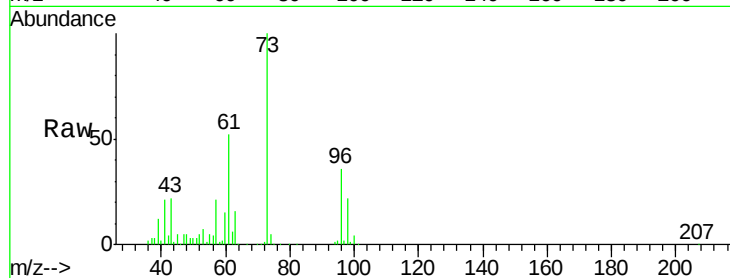
Tot Ion: 96 Resp: 312479

Ion Ratio Lower Upper

96 100

61 146.9 116.2 174.4

98 63.2 48.0 72.0

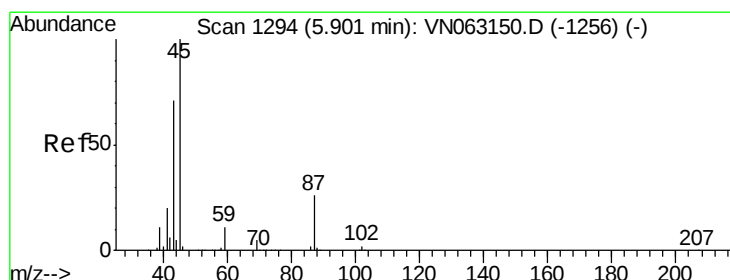
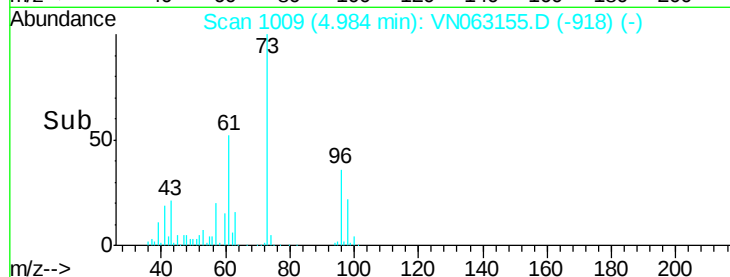
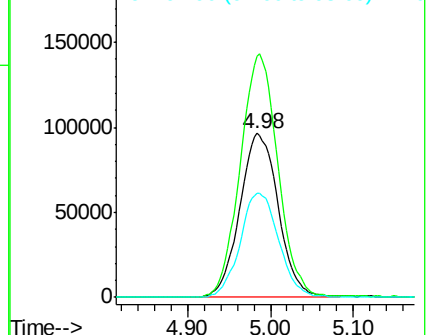


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 50.452 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Tgt Ion: 45 Resp: 1107495

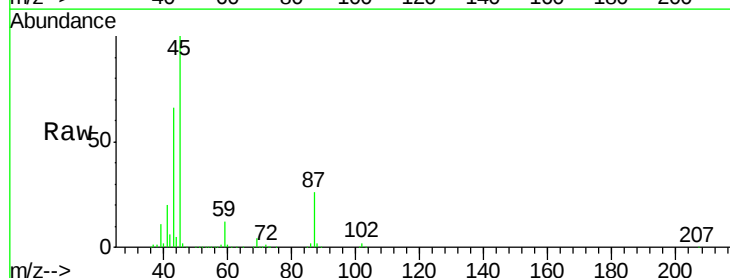
Ion Ratio Lower Upper

45 100

43 66.3 56.8 85.2

87 26.3 21.1 31.7

59 11.5 8.9 13.3



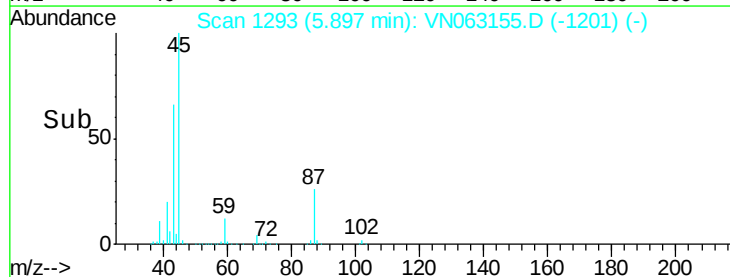
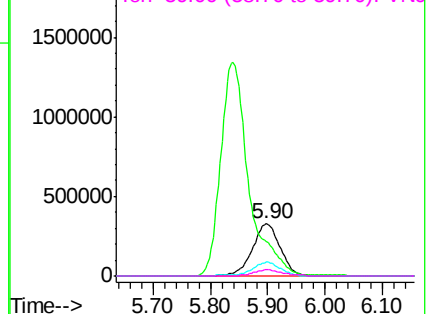
Abundance

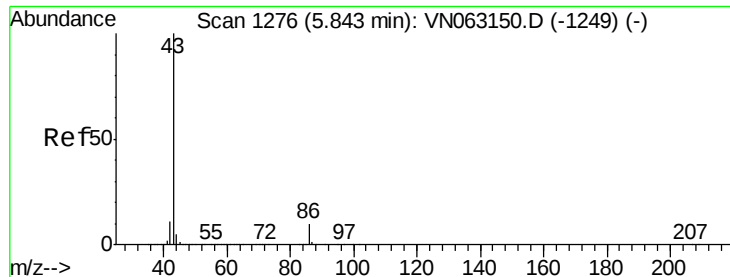
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

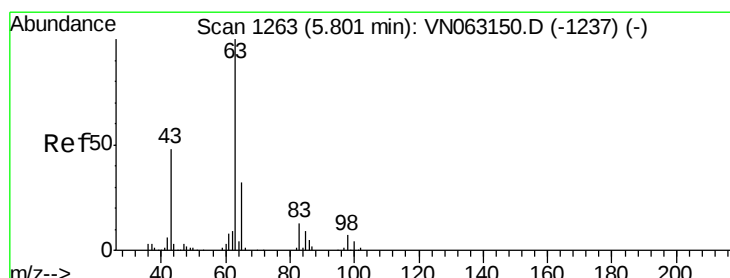
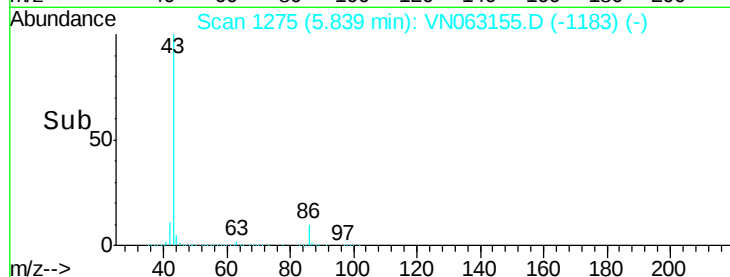
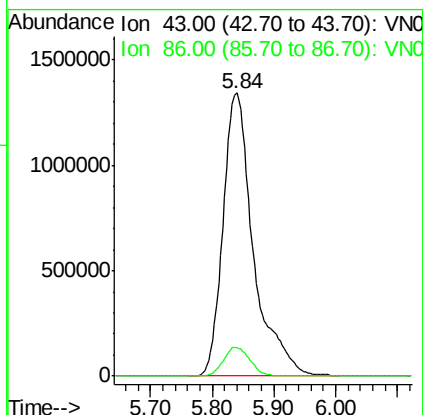
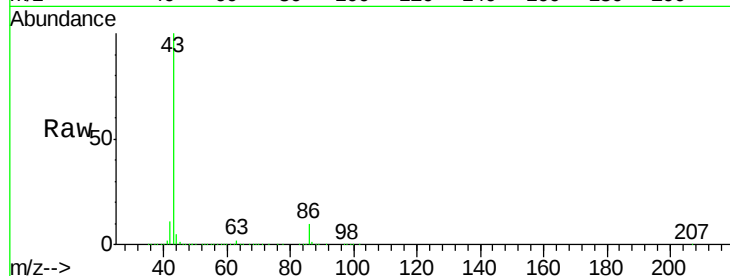




#23
 Vinyl Acetate
 Concen: 262.038 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

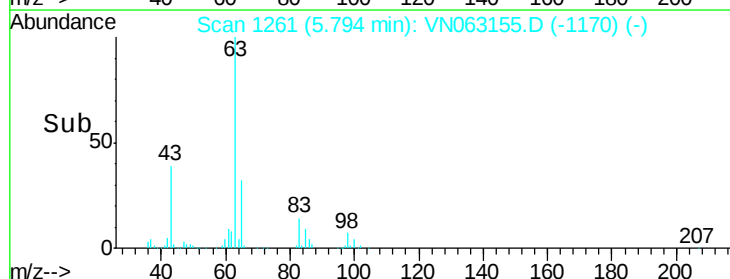
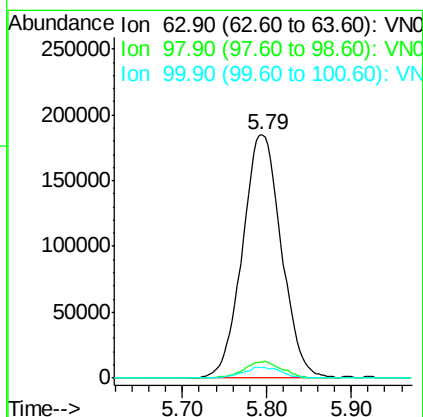
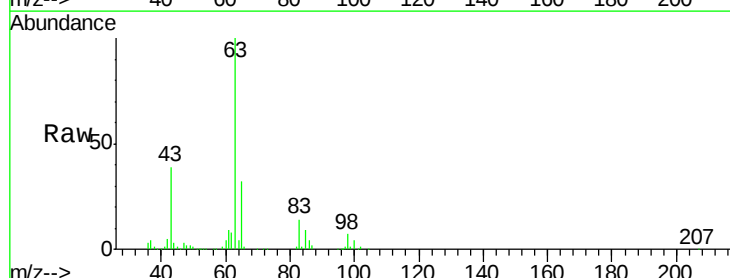
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

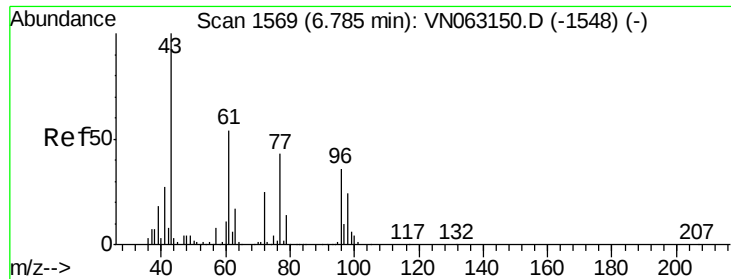
Tot Ion: 43 Resp: 4589671
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 48.988 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Tgt Ion: 63 Resp: 592814
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 277.225 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

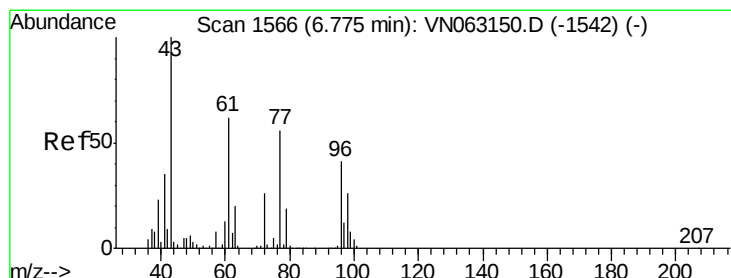
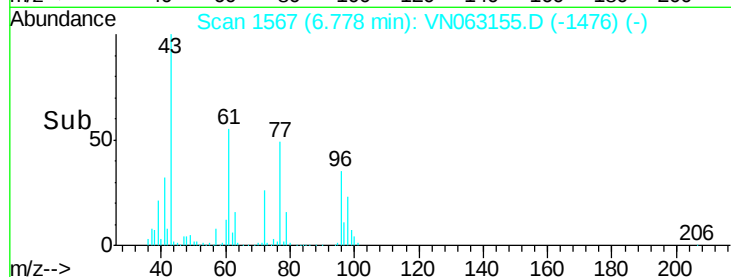
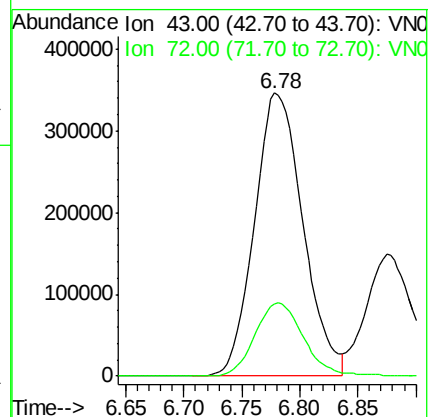
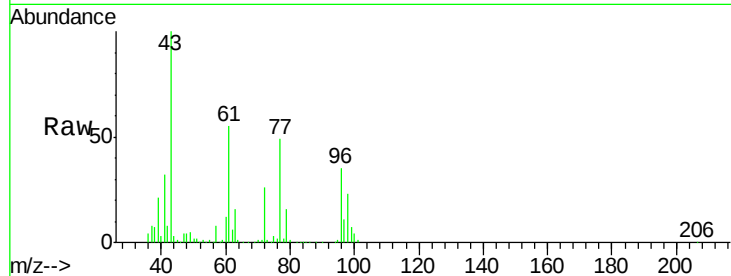
VSTDCCC050

Tot Ion: 43 Resp: 1002795

Ion Ratio Lower Upper

43 100

72 25.7 20.2 30.4



#26

2,2-Dichloropropane

Concen: 51.565 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN063155.D

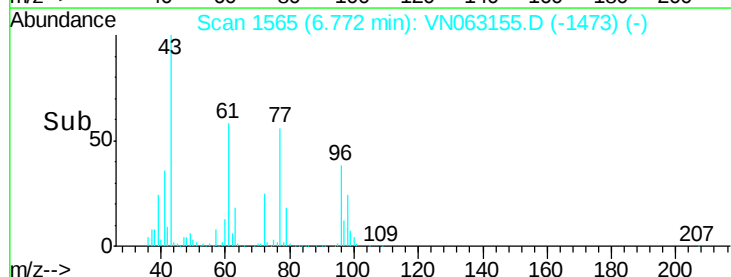
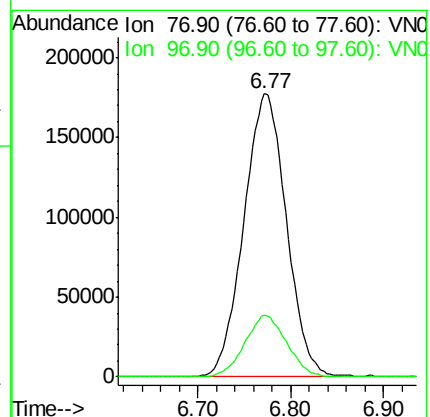
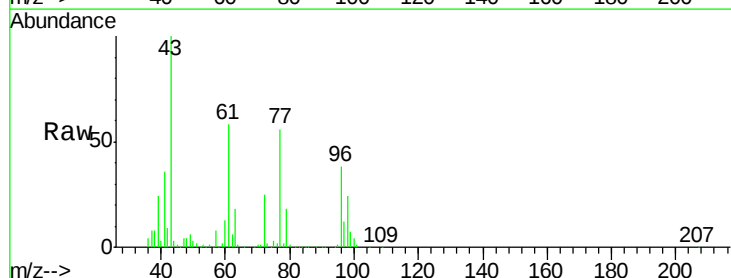
Acq: 1 Sep 2020 15:00

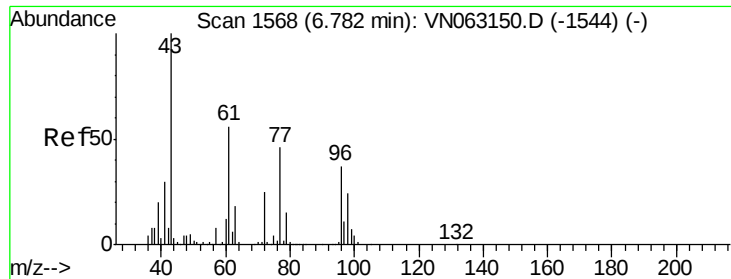
Tgt Ion: 77 Resp: 565365

Ion Ratio Lower Upper

77 100

97 21.5 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 48.841 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

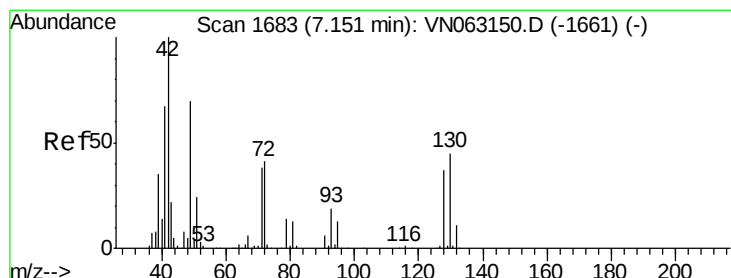
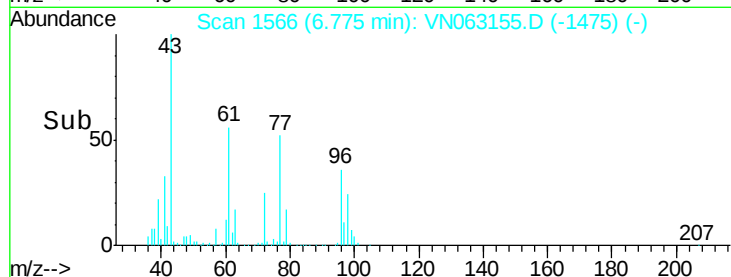
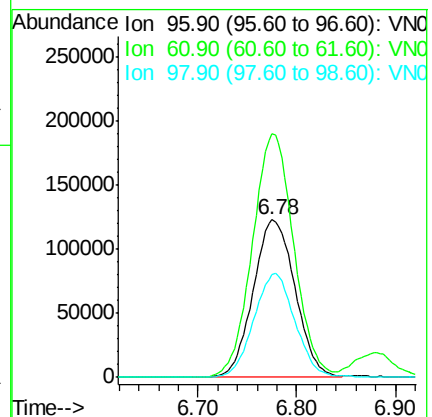
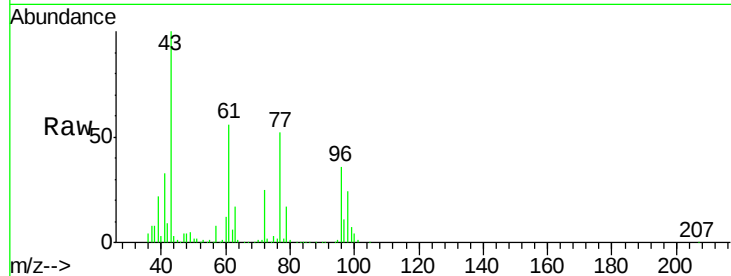
Tot Ion: 96 Resp: 361751

Ion Ratio Lower Upper

96 100

61 152.0 0.0 303.2

98 65.0 0.0 129.0



#28

Bromochloromethane

Concen: 46.546 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

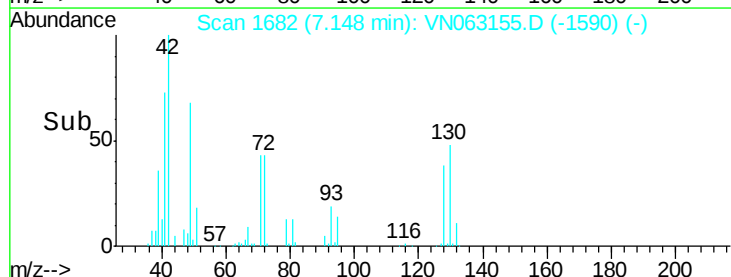
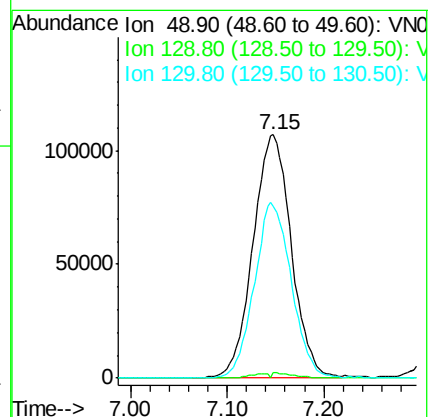
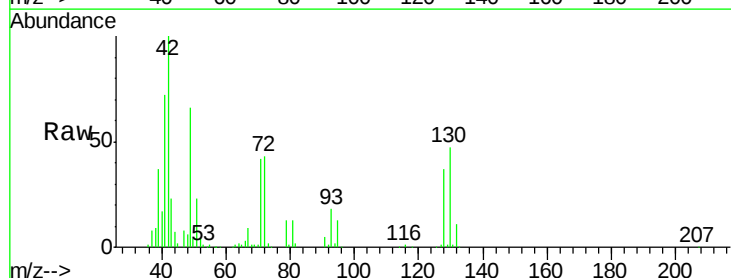
Tgt Ion: 49 Resp: 294280

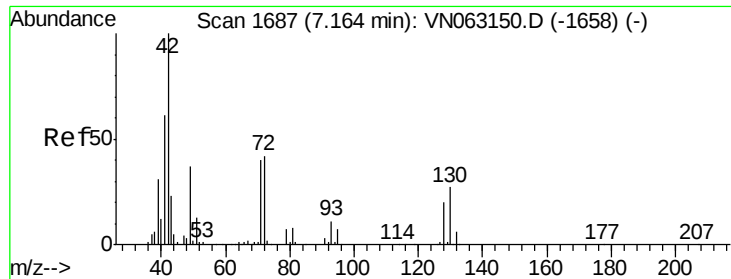
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.0

130 69.7 54.4 81.6

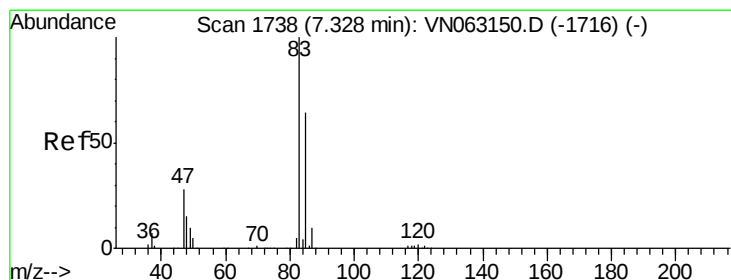
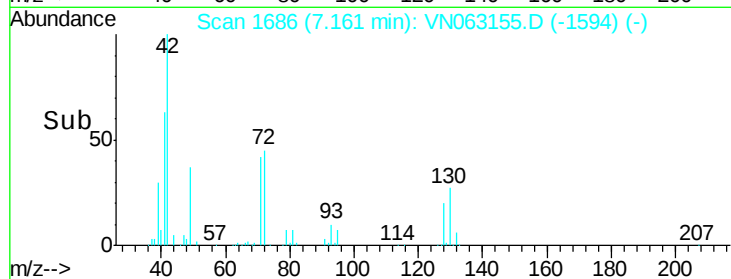
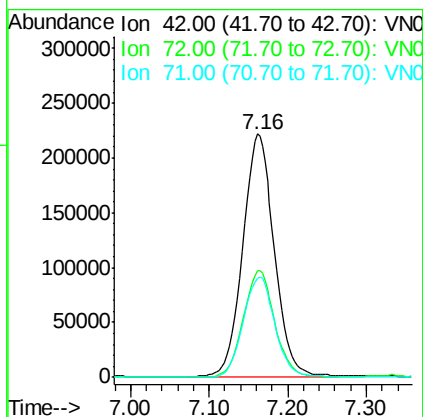
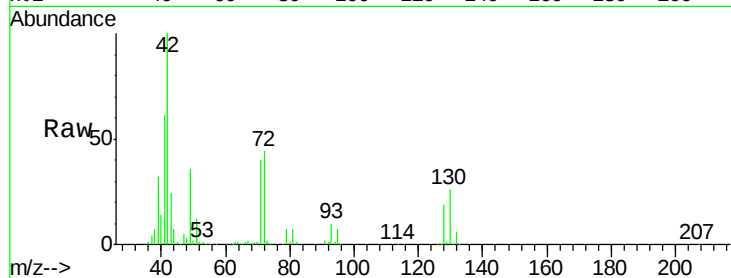




#29
Tetrahydrofuran
Concen: 248.731 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

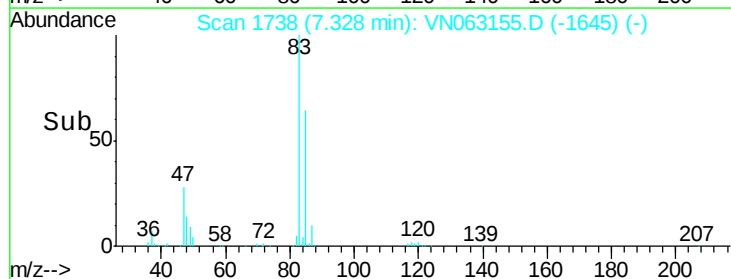
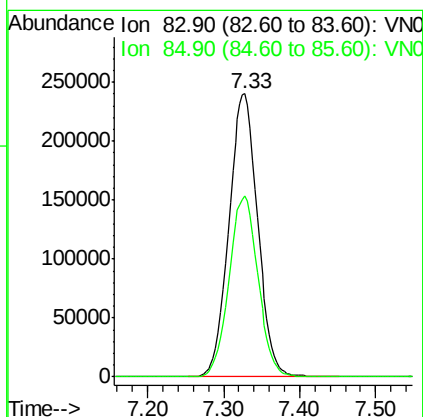
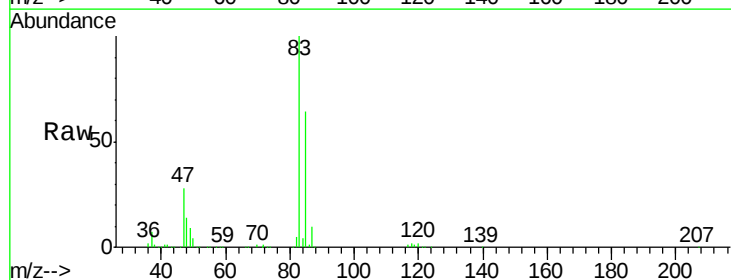
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

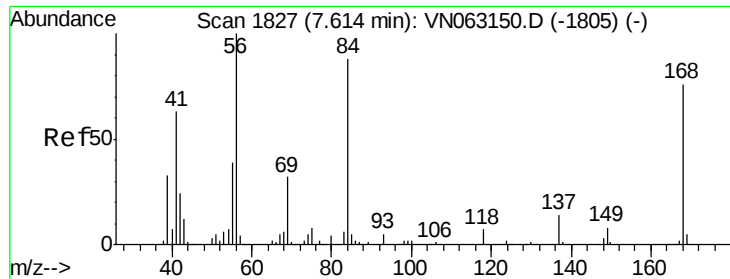
Tot Ion: 42 Resp: 622119
Ion Ratio Lower Upper
42 100
72 44.0 33.9 50.9
71 41.9 31.9 47.9



#30
Chloroform
Concen: 49.827 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion: 83 Resp: 630846
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.6

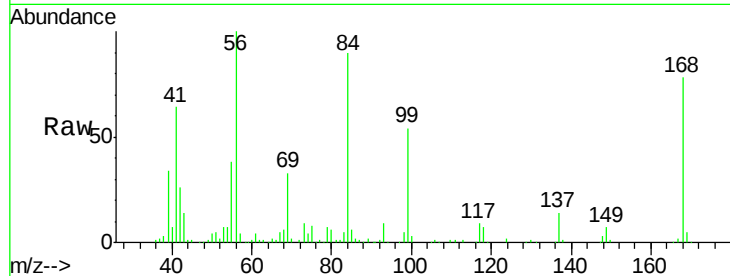




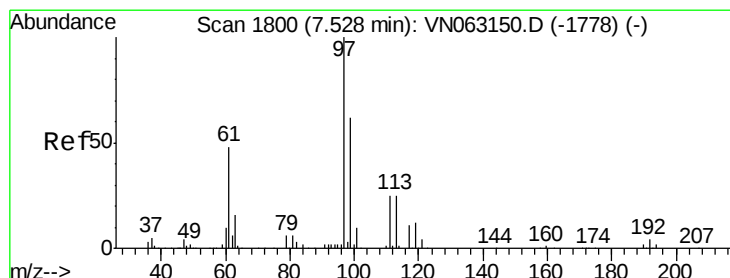
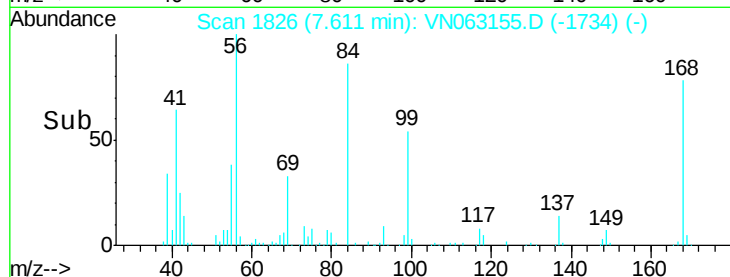
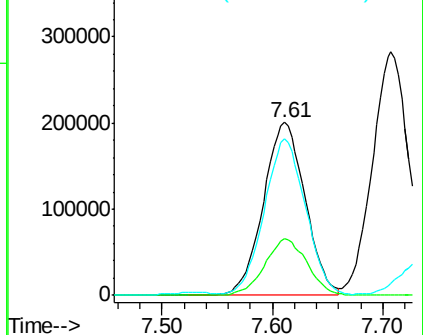
#31
Cyclohexane
Concen: 49.463 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 527678
Ion Ratio Lower Upper
56 100
69 32.7 25.4 38.0
84 88.3 70.2 105.4

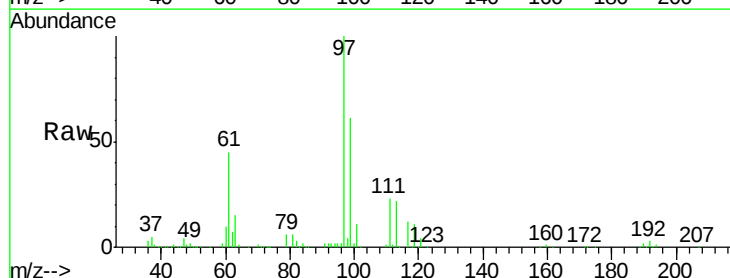


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

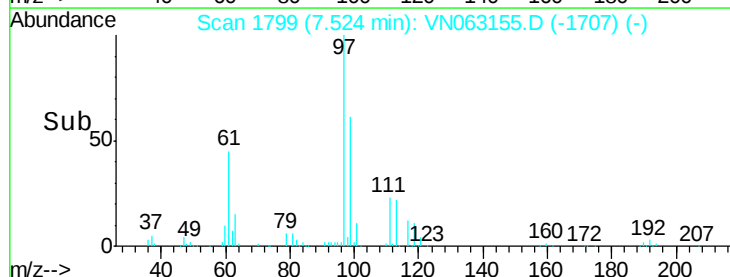
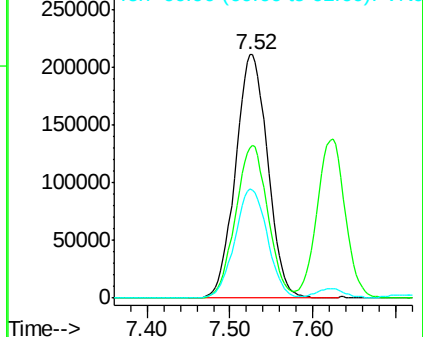


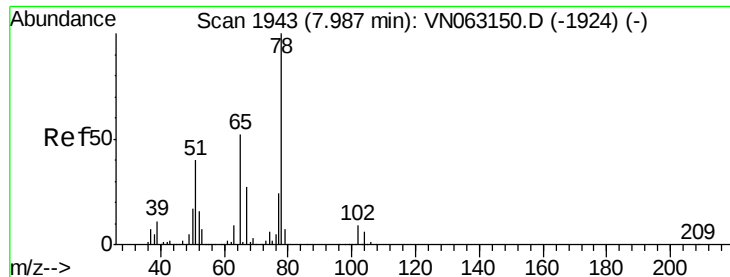
#32
1,1,1-Trichloroethane
Concen: 52.407 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion: 97 Resp: 571760
Ion Ratio Lower Upper
97 100
99 62.7 50.8 76.2
61 45.2 37.4 56.2



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC

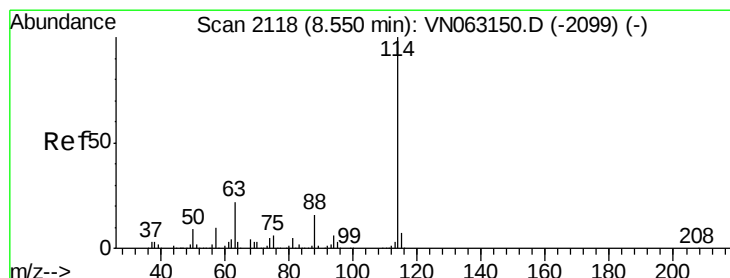
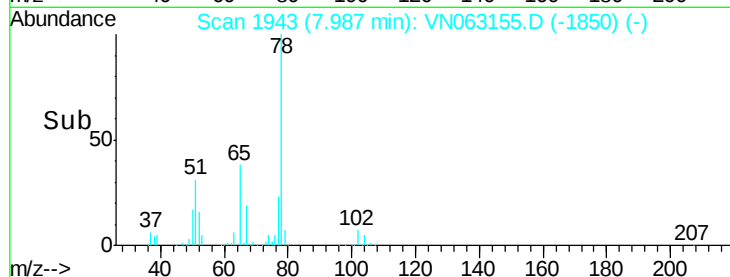
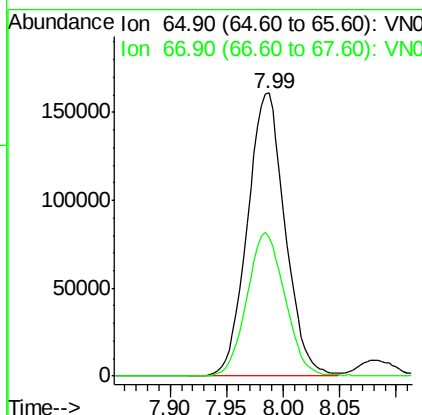
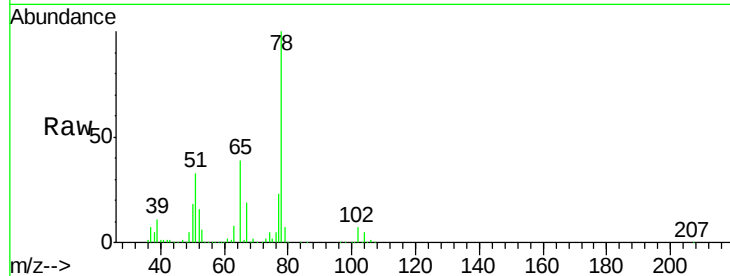




#33
 1,2-Dichloroethane-d4
 Concen: 45.326 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

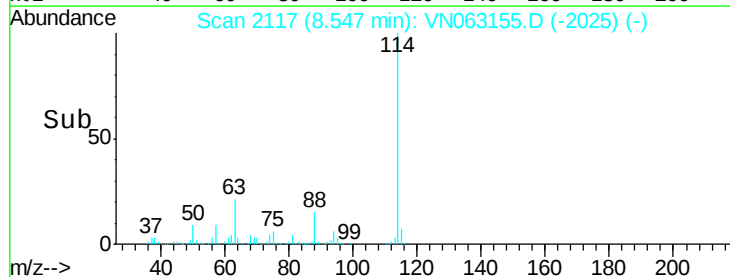
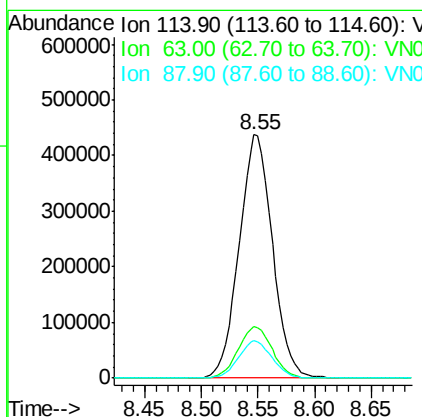
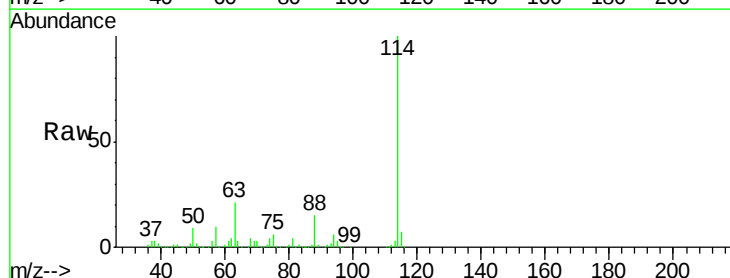
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

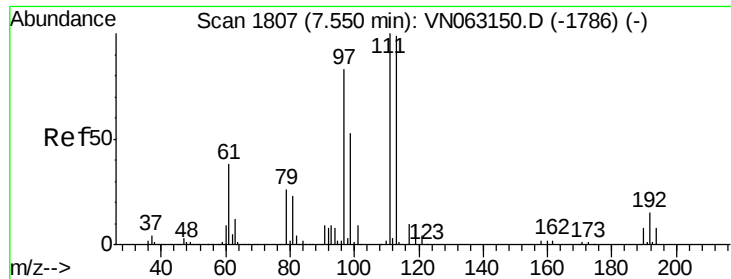
Tot Ion: 65 Resp: 372486
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Tgt Ion: 114 Resp: 898484
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.0
 88 15.4 0.0 31.6

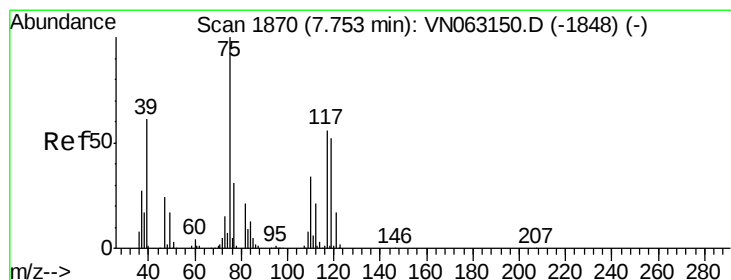
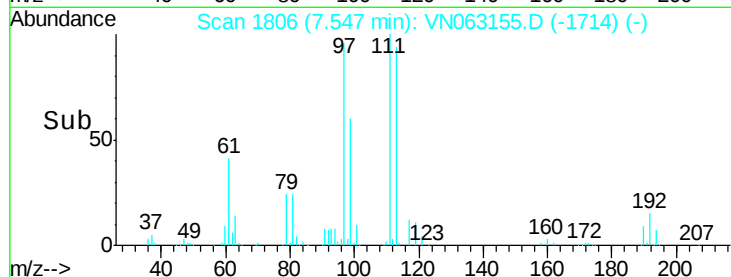
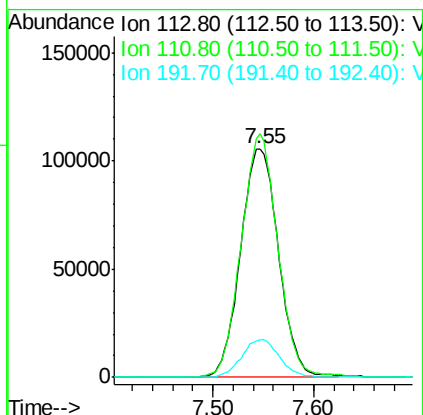
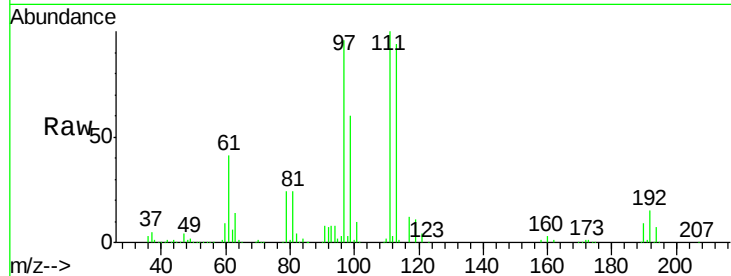




#35
 Dibromofluoromethane
 Concen: 47.804 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

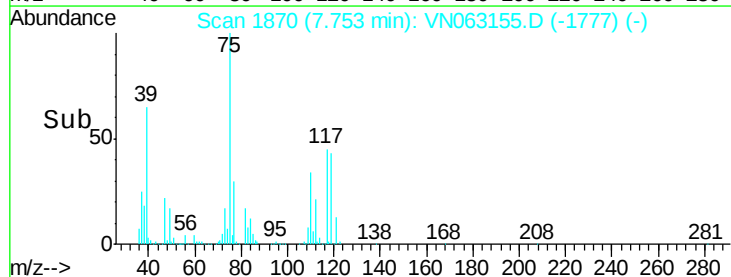
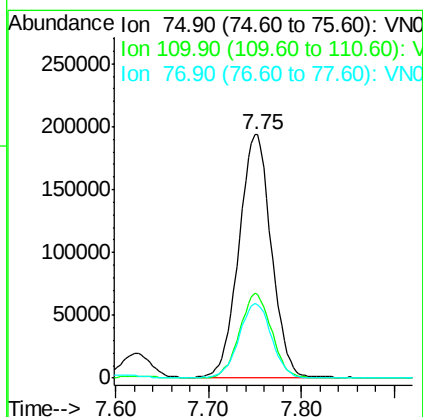
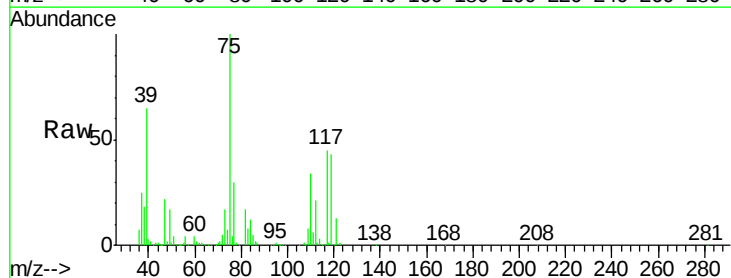
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

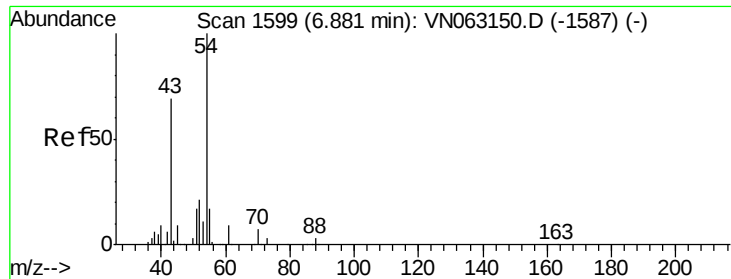
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.7	121.1
192	16.4	12.6	19.0



#36
 1,1-Dichloropropene
 Concen: 54.334 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	16.6	49.8
77	31.0	25.4	38.2

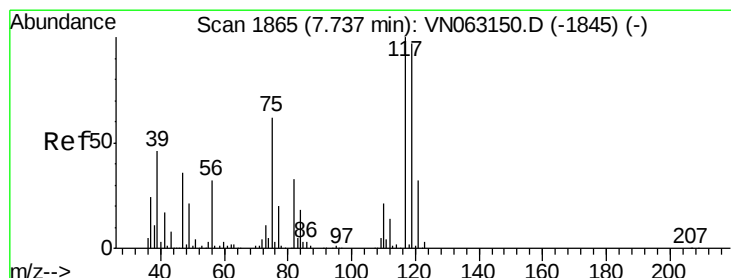
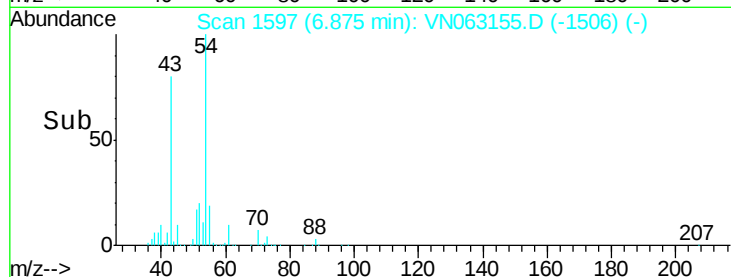
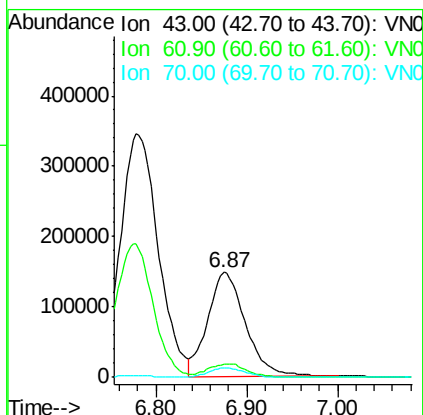
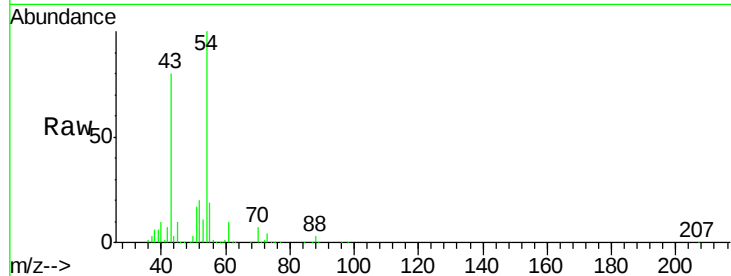




#37
Ethyl Acetate
Concen: 52.329 ug/l
RT: 6.87 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

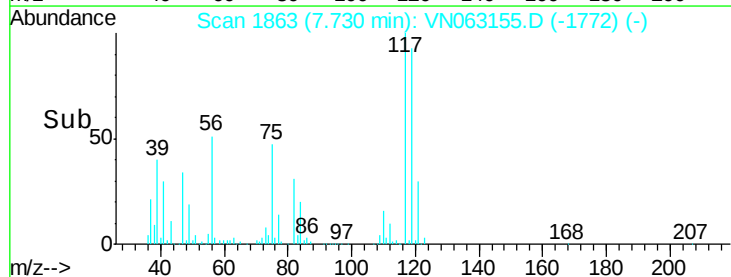
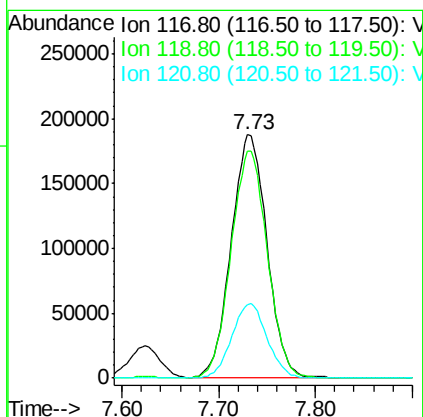
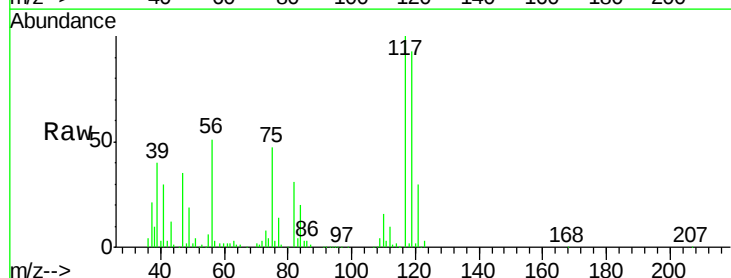
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

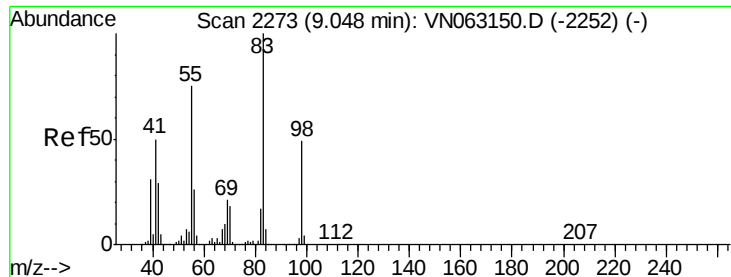
Tot Ion: 43 Resp: 426953
Ion Ratio Lower Upper
43 100
61 12.5 10.2 15.4
70 8.3 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 54.779 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion: 117 Resp: 479843
Ion Ratio Lower Upper
117 100
119 93.4 77.2 115.8
121 30.3 25.6 38.4

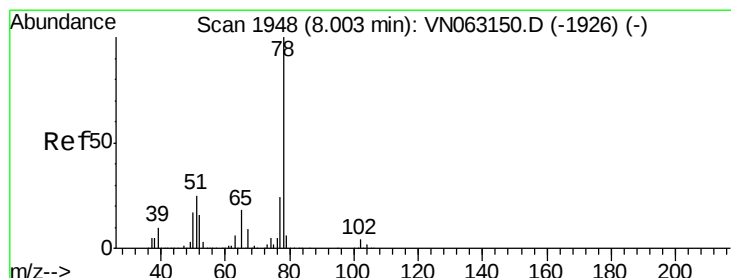
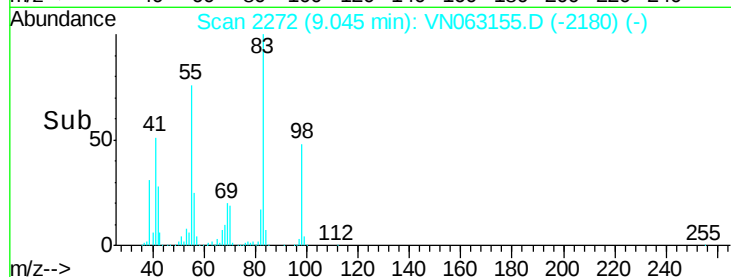
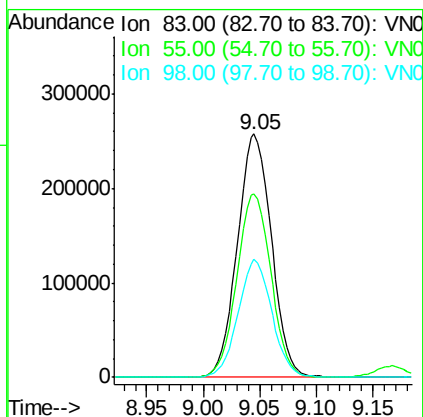
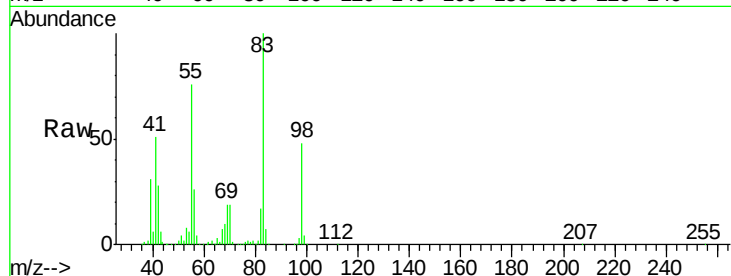




#39
Methvlcvclohexane
Concen: 55.971 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

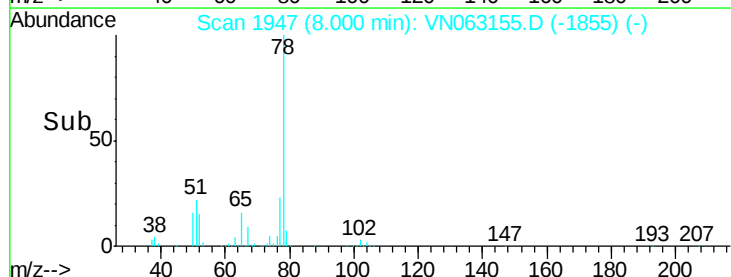
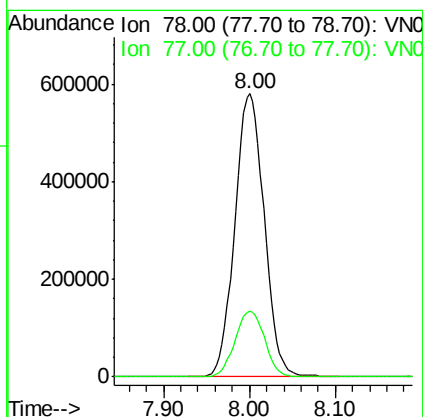
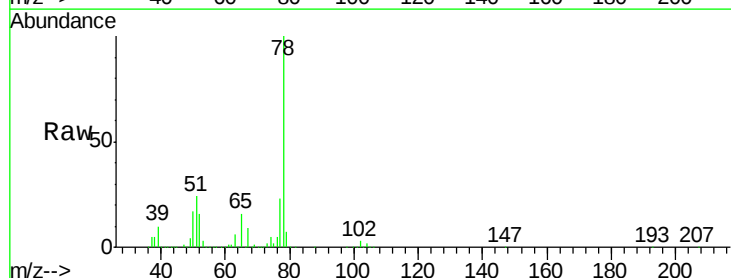
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

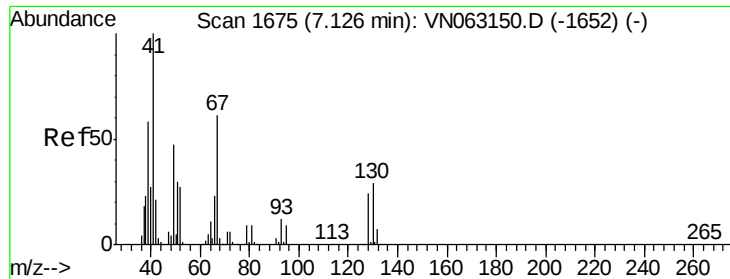
Tot Ion: 83 Resp: 543125
Ion Ratio Lower Upper
83 100
55 75.5 60.3 90.5
98 48.3 38.9 58.3



#40
Benzene
Concen: 54.156 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion: 78 Resp: 1374619
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9

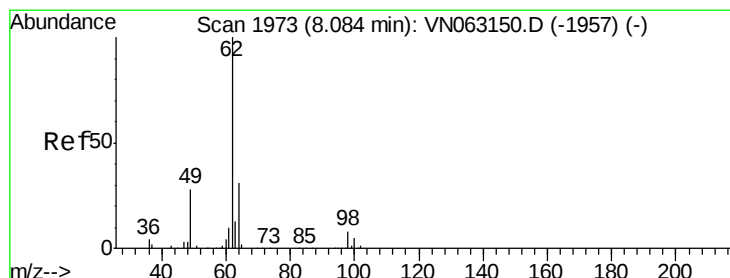
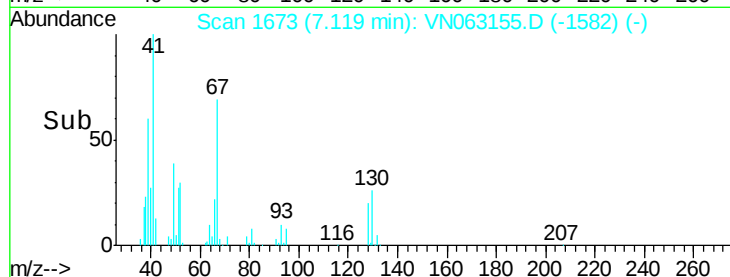
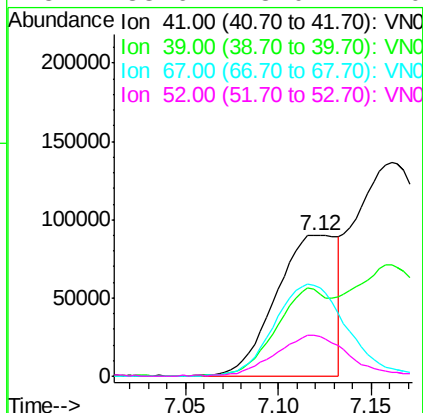
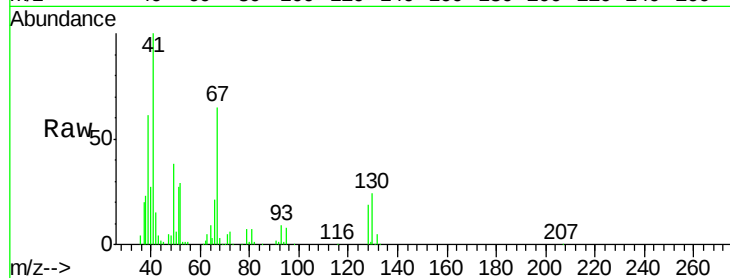




#41
Methacrylonitrile
Concen: 56.535 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

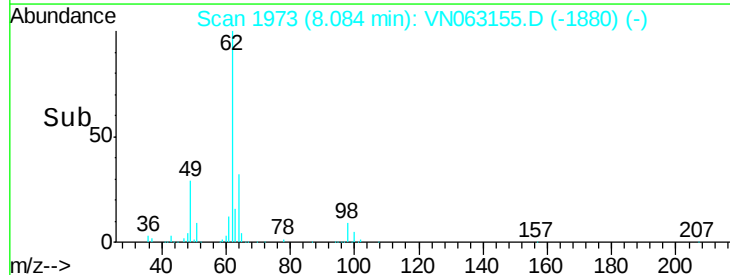
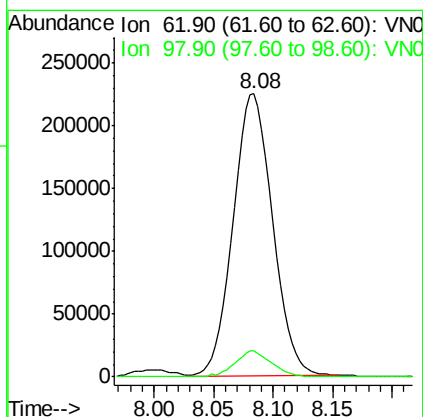
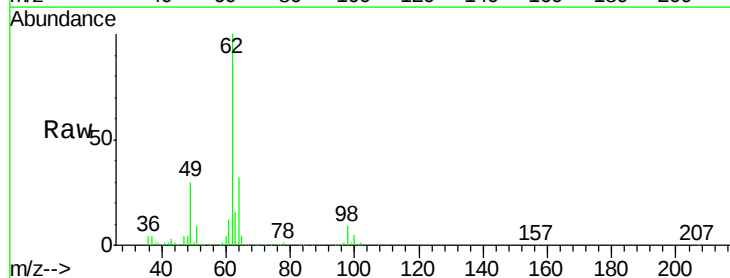
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

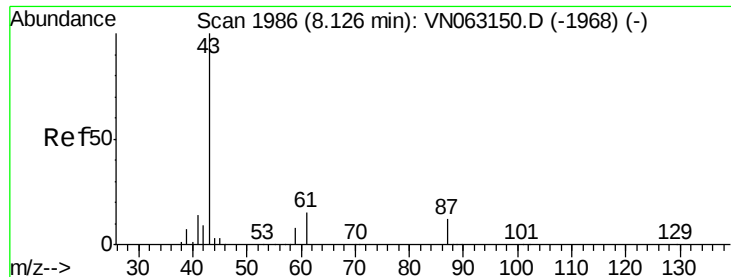
Tot Ion:	41	Resp:	205721
Ion	Ratio	Lower	Upper
41	100		
39	54.2	46.6	70.0
67	79.3	62.6	94.0
52	33.6	28.0	42.0



#42
1,2-Dichloroethane
Concen: 54.409 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion:	62	Resp:	515885
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2





#43

Isopropyl Acetate

Concen: 54.489 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

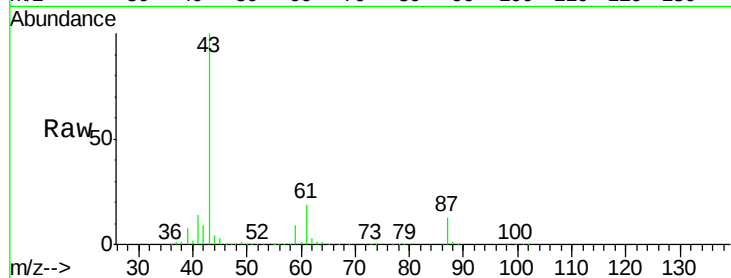
Tot Ion: 43 Resp: 767568

Ion Ratio Lower Upper

43 100

61 19.7 20.2 30.4#

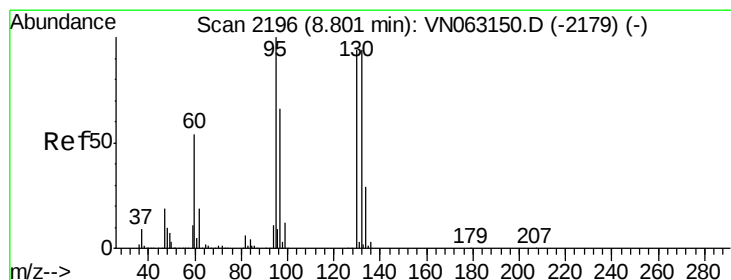
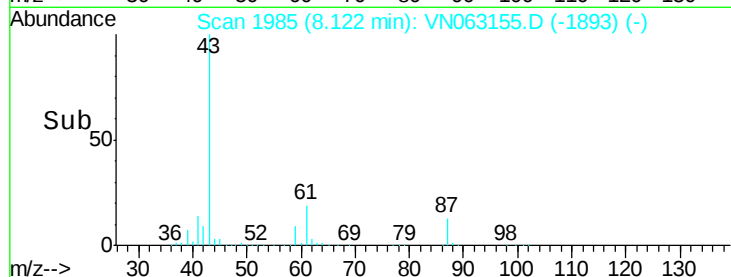
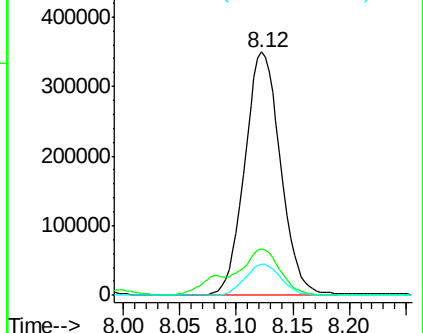
87 13.0 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN063155.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN063155.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN063155.D (-1893) (-)



#44

Trichloroethene

Concen: 56.928 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063155.D

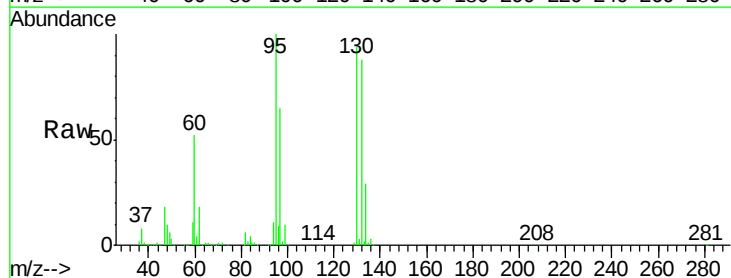
Acq: 1 Sep 2020 15:00

Tgt Ion:130 Resp: 350488

Ion Ratio Lower Upper

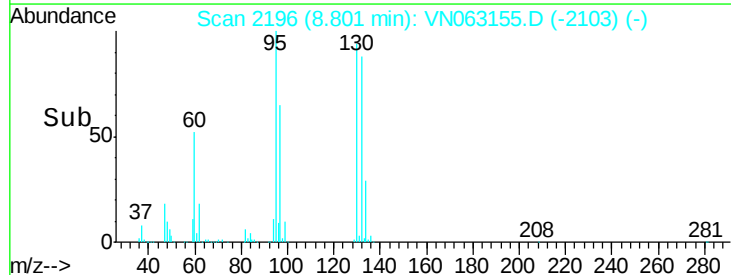
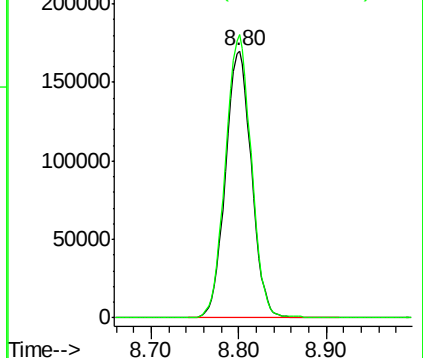
130 100

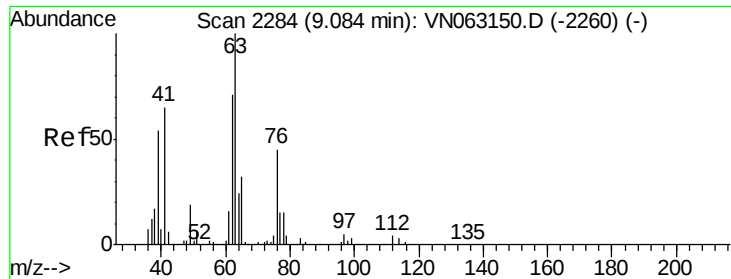
95 106.0 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): VN063155.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063155.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 52.548 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

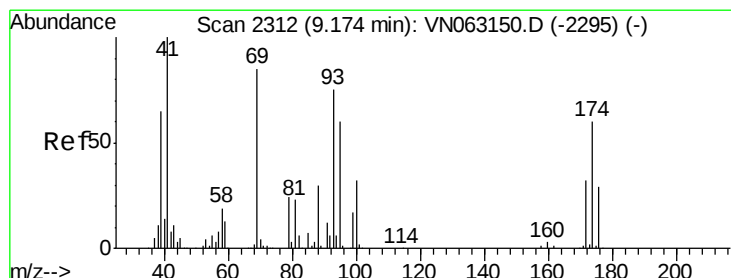
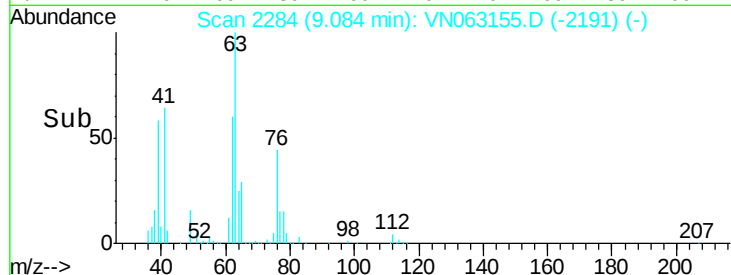
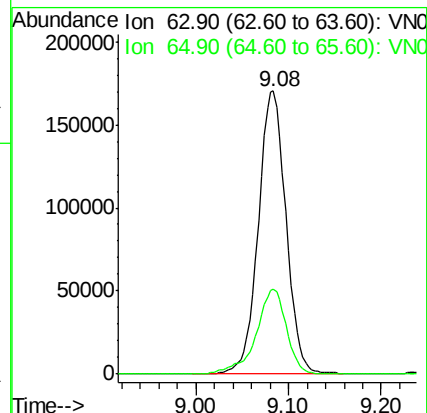
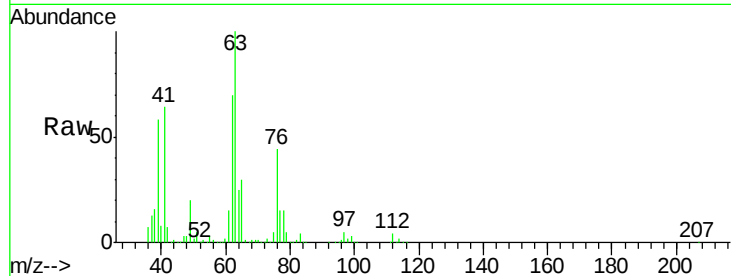
VSTDCCC050

Tot Ion: 63 Resp: 353145

Ion Ratio Lower Upper

63 100

65 30.1 25.4 38.0



#46

Dibromomethane

Concen: 54.357 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

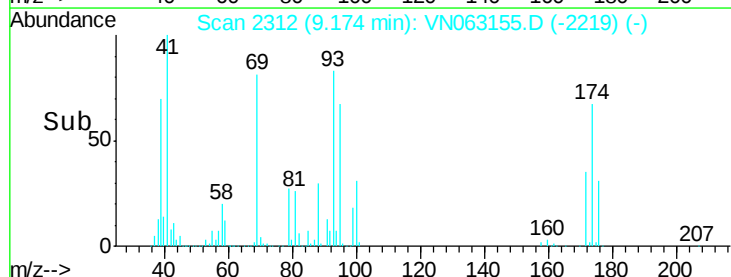
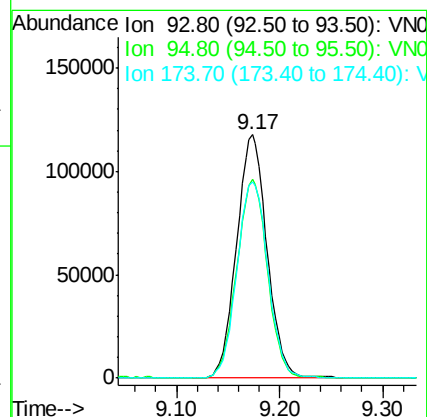
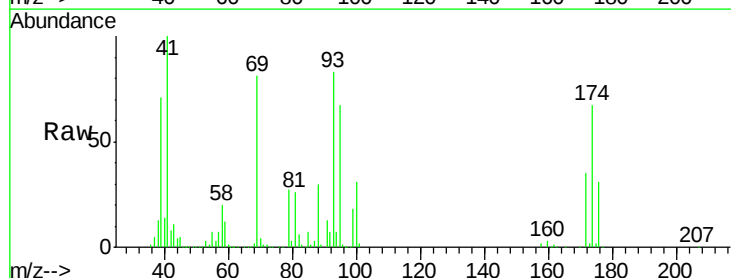
Tgt Ion: 93 Resp: 242087

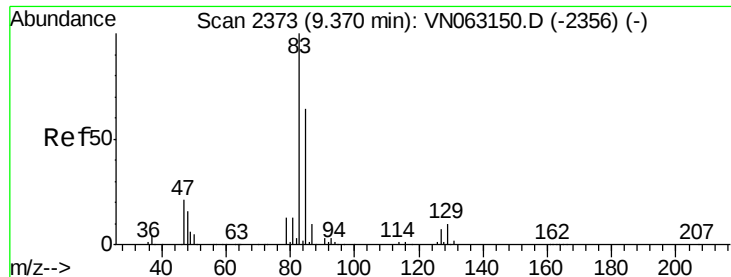
Ion Ratio Lower Upper

93 100

95 82.2 65.2 97.8

174 82.1 64.6 97.0





#47

Bromodichloromethane

Concen: 54.418 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

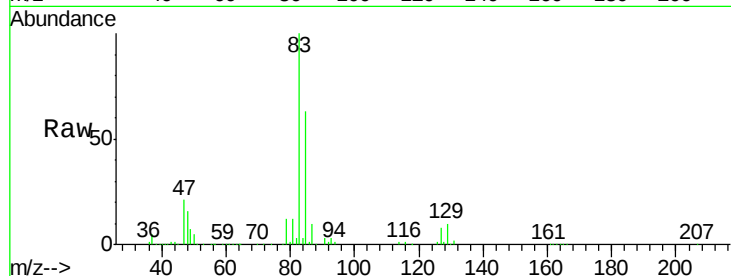
Tot Ion: 83 Resp: 519486

Ion Ratio Lower Upper

83 100

85 62.6 51.0 76.6

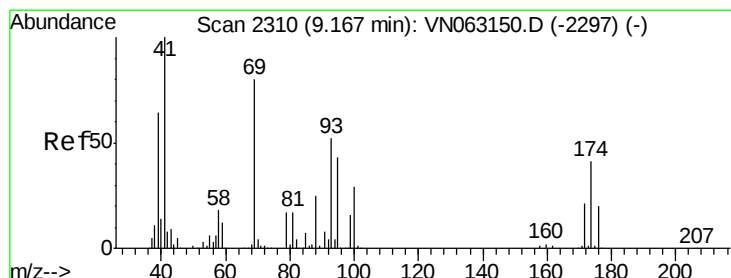
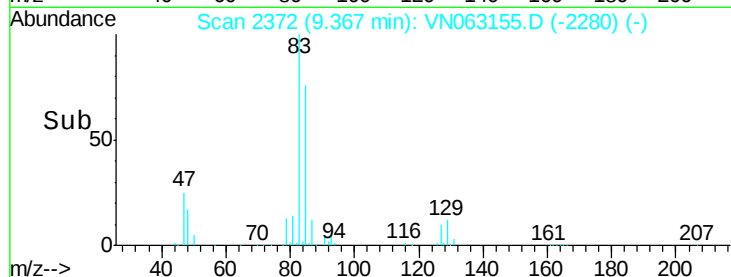
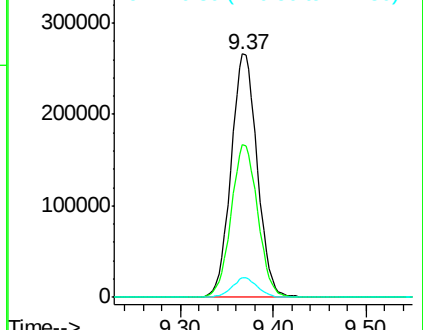
127 8.1 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN063155.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN063155.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN063155.D (-2356) (-)



#48

Methyl methacrylate

Concen: 54.868 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

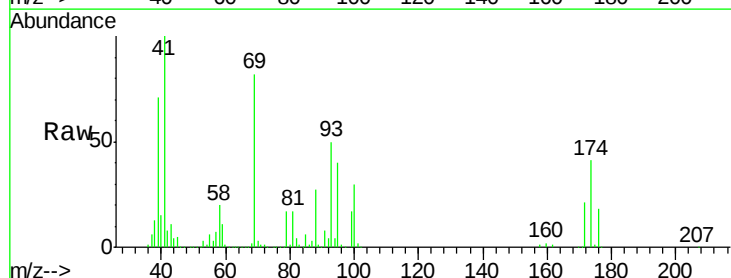
Tgt Ion: 41 Resp: 348430

Ion Ratio Lower Upper

41 100

69 83.1 65.9 98.9

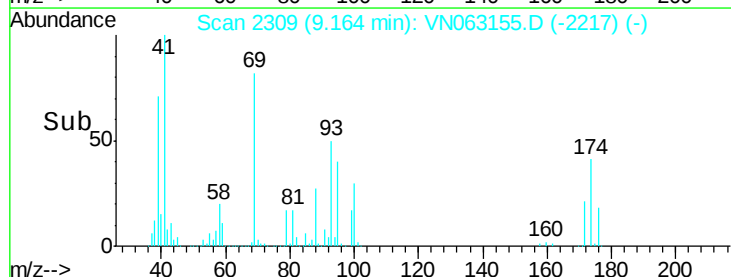
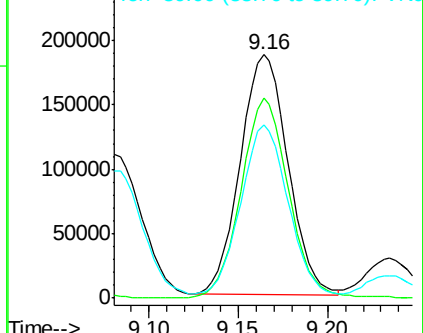
39 72.7 52.0 78.0

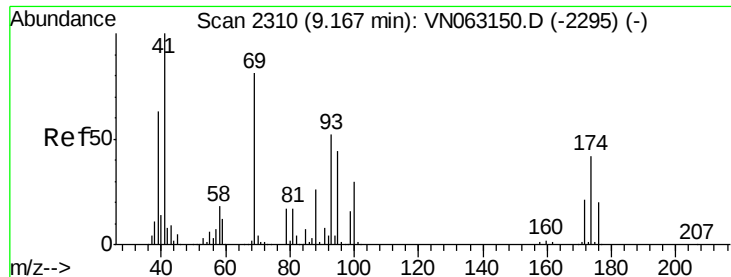


Abundance Ion 41.00 (40.70 to 41.70): VN063155.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063155.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063155.D (-2217) (-)

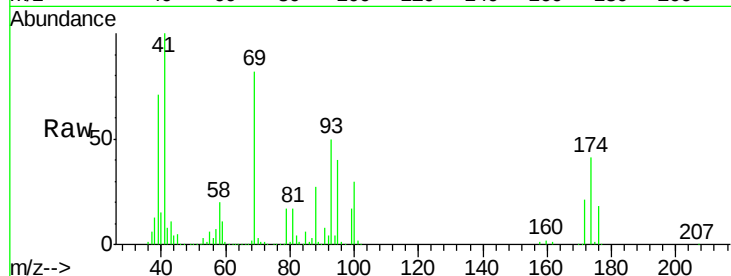




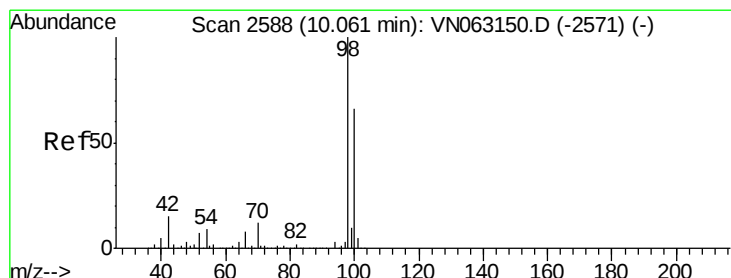
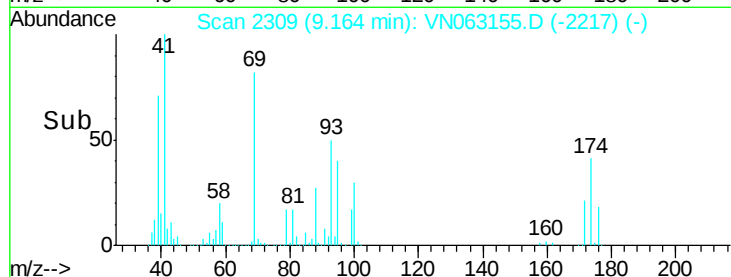
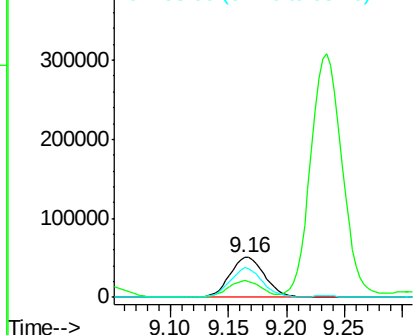
#49
1,4-Dioxane
Concen: 1091.174 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 107175
Ion Ratio Lower Upper
88 100
43 37.6 28.6 42.8
58 67.9 53.2 79.8

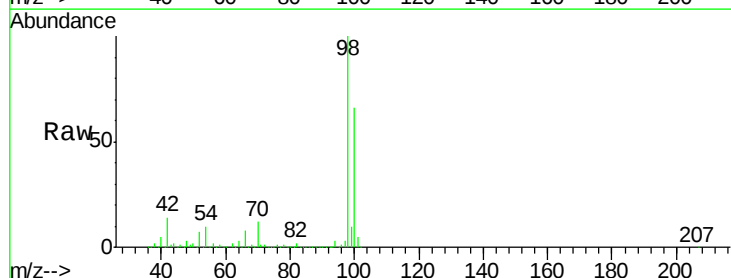


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

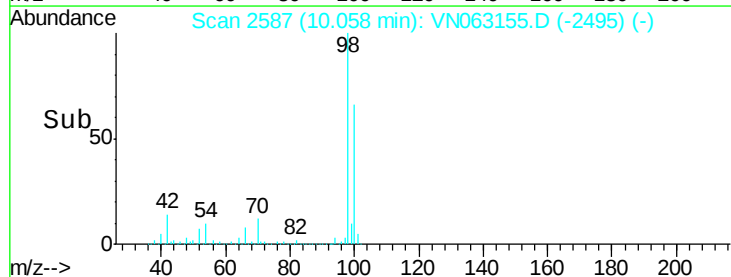
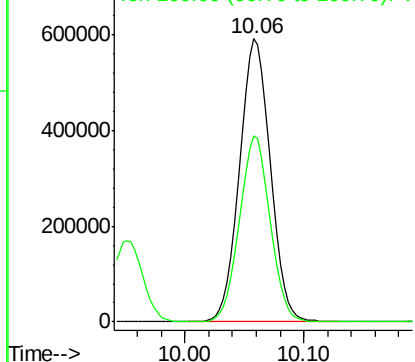


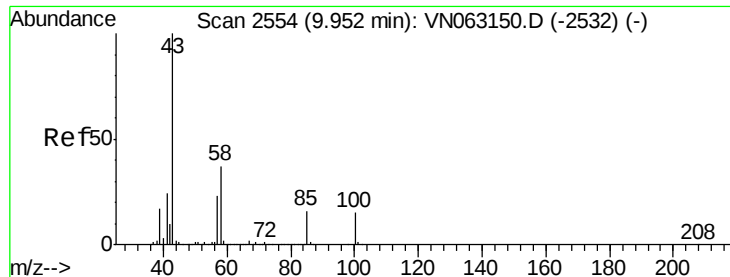
#50
Toluene-d8
Concen: 47.879 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion: 98 Resp: 1062266
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



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: 283.668 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

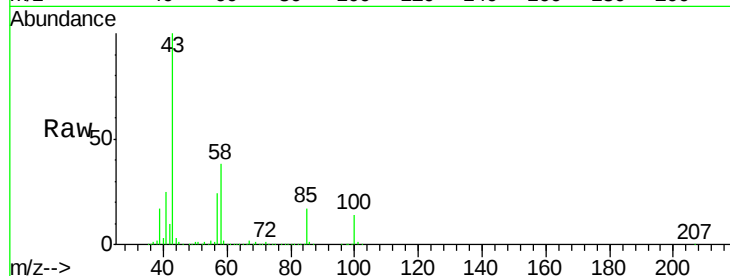
VSTDCCC050

Tot Ion: 43 Resp: 2171415

Ion Ratio Lower Upper

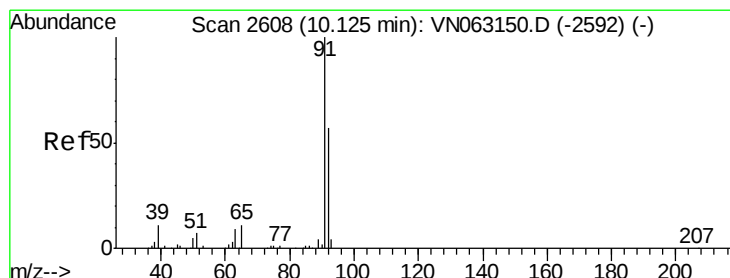
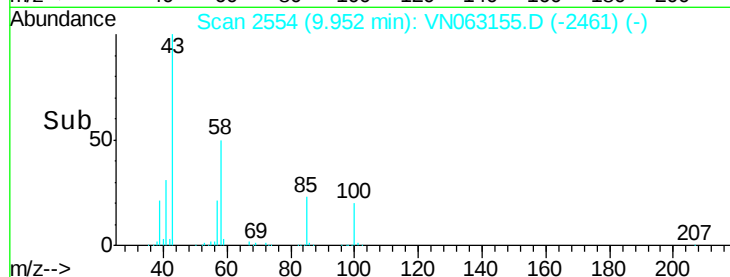
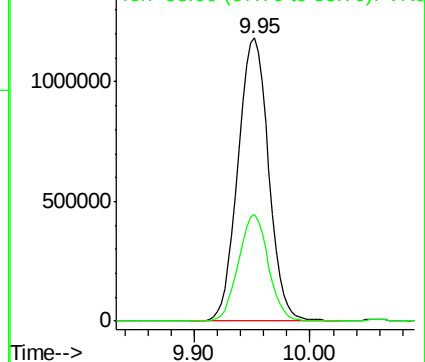
43 100

58 36.8 29.2 43.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 55.705 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063155.D

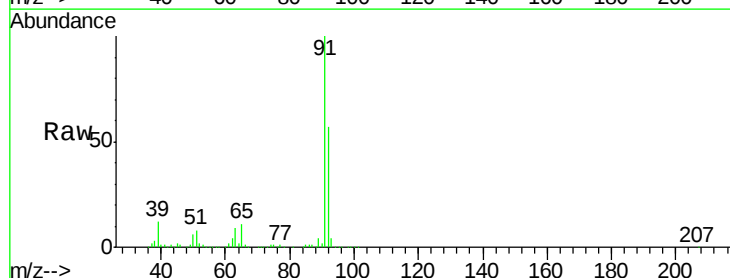
Acq: 1 Sep 2020 15:00

Tgt Ion: 92 Resp: 880792

Ion Ratio Lower Upper

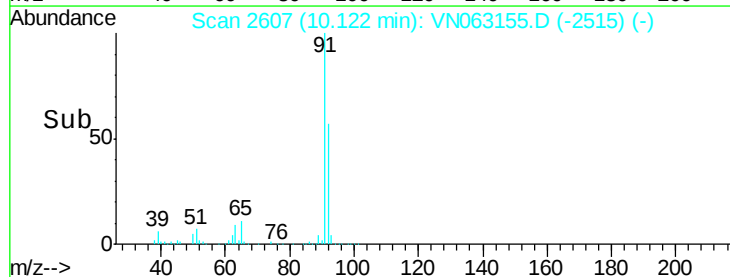
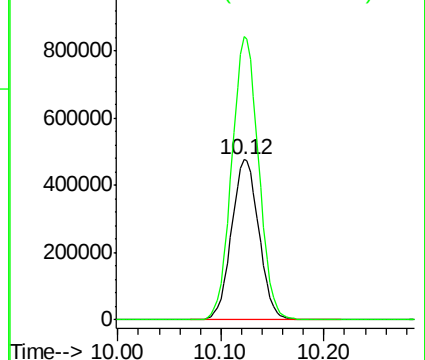
92 100

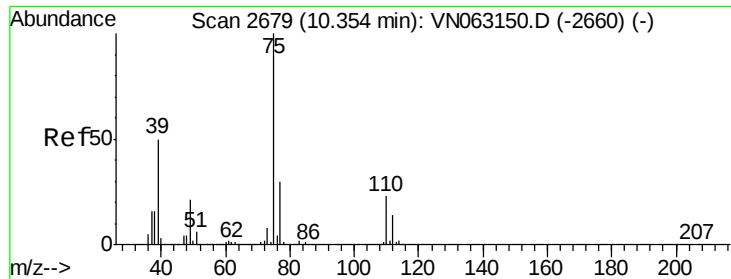
91 173.7 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 54.367 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

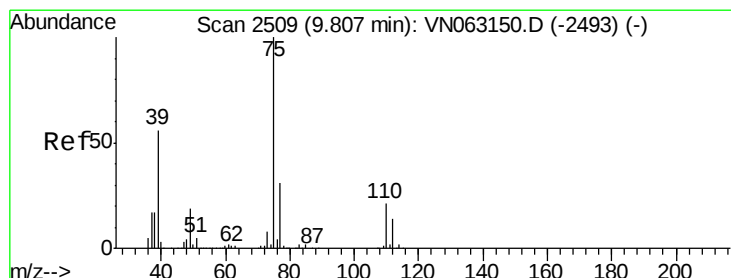
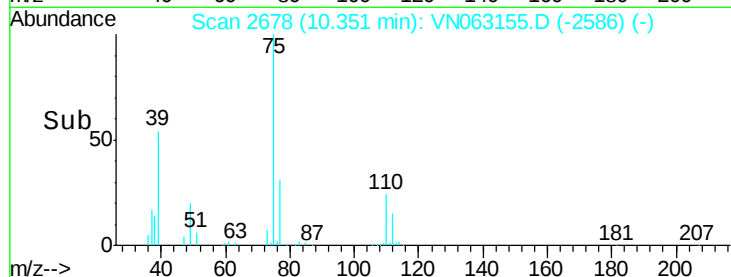
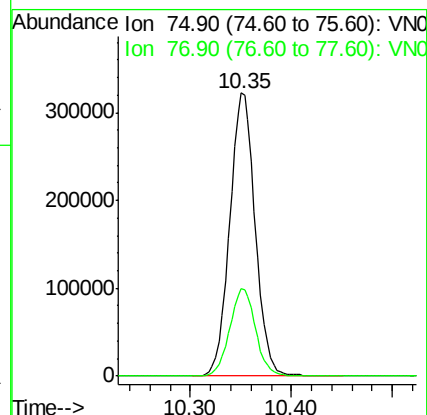
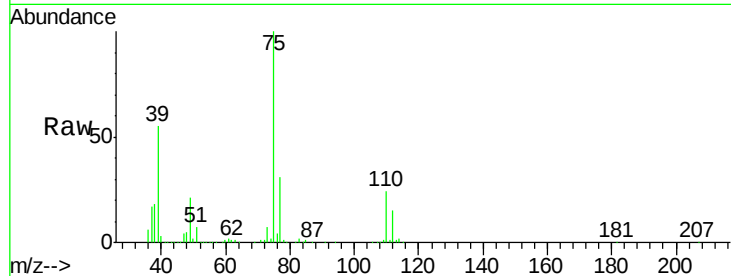
VSTDCCC050

Tot Ion: 75 Resp: 567703

Ion Ratio Lower Upper

75 100

77 30.8 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 55.051 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

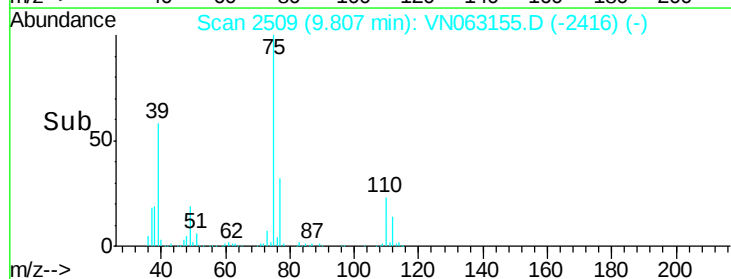
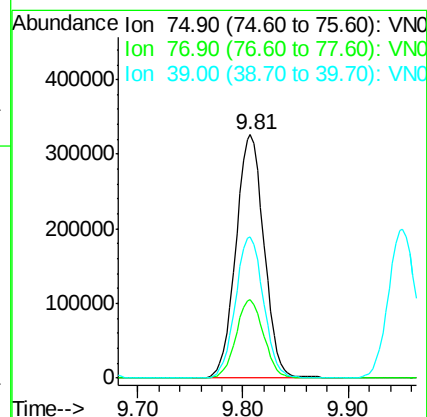
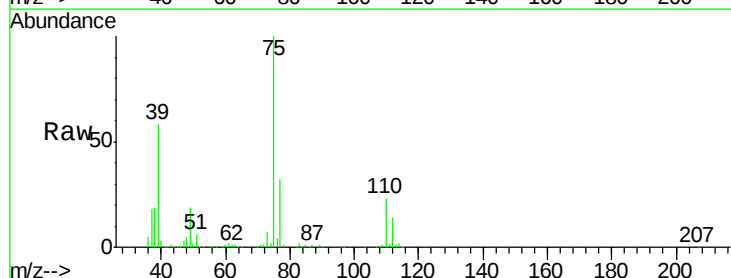
Tgt Ion: 75 Resp: 603406

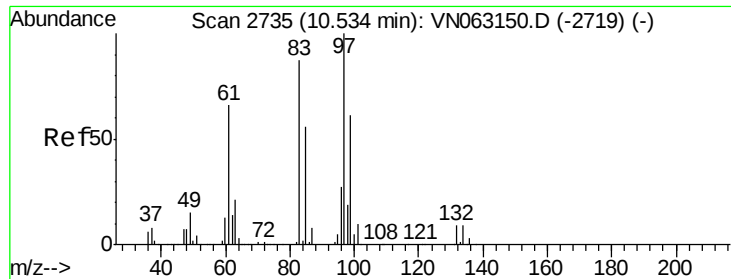
Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2

39 57.8 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 54.037 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 327219

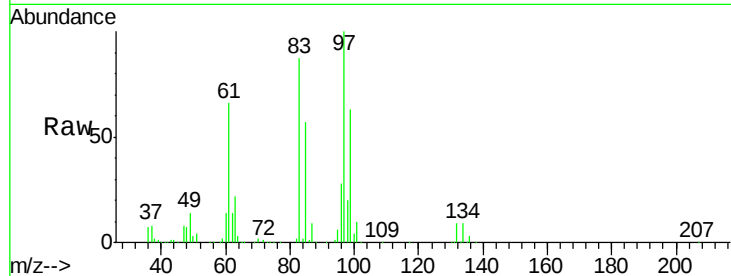
Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.8	104.8
85	56.5	44.9	67.3
99	62.5	48.8	73.2

97 100

83 86.8 69.8 104.8

85 56.5 44.9 67.3

99 62.5 48.8 73.2



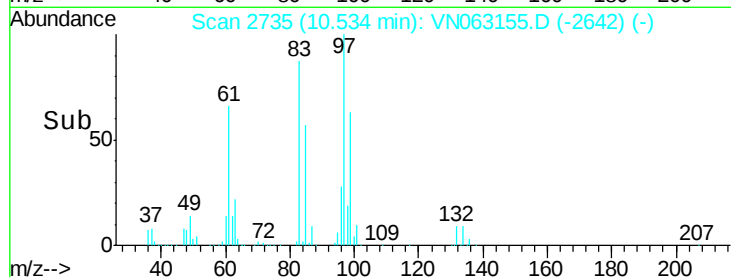
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Time-->



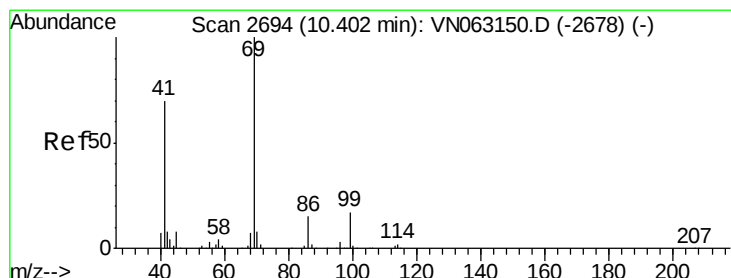
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Time-->



#56

Ethyl methacrylate

Concen: 55.217 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

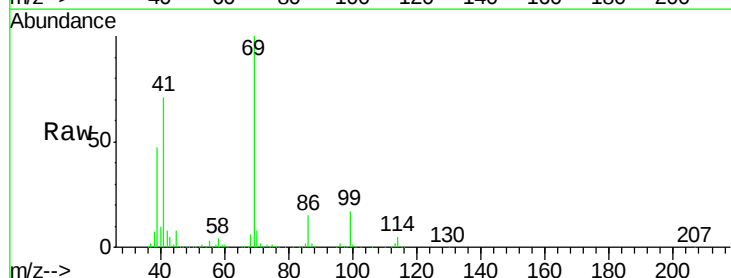
Tgt Ion: 69 Resp: 508853

Ion	Ratio	Lower	Upper
69	100		
41	69.7	55.5	83.3
39	46.7	38.2	57.2

69 100

41 69.7 55.5 83.3

39 46.7 38.2 57.2

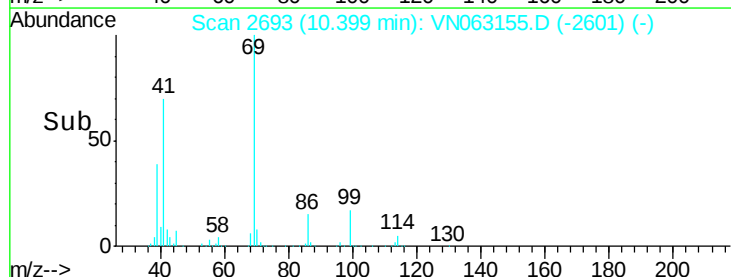


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Time-->

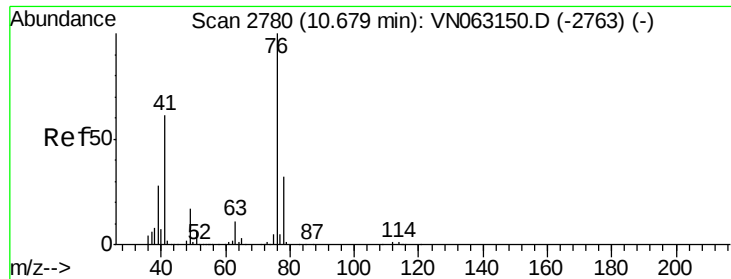


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

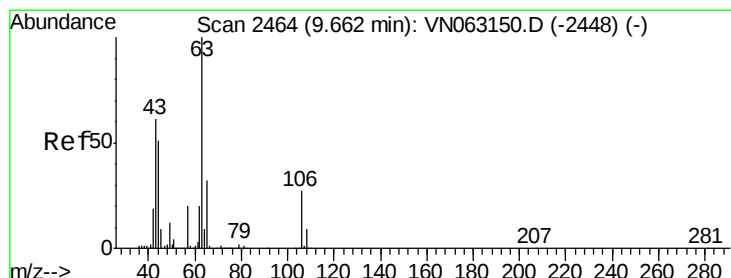
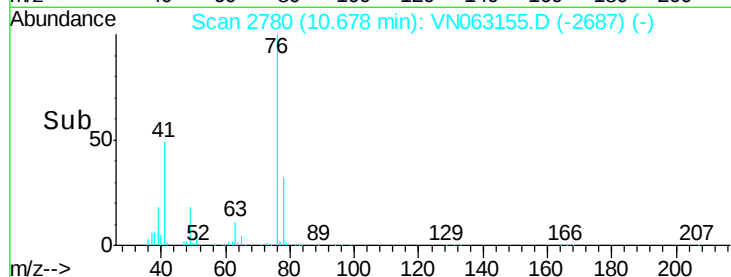
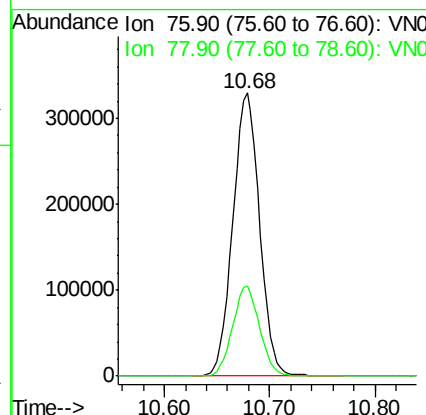
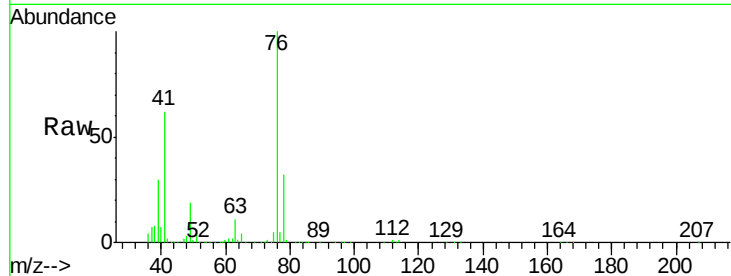
Time-->



#57
 1,3-Dichloropropane
 Concen: 53.472 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

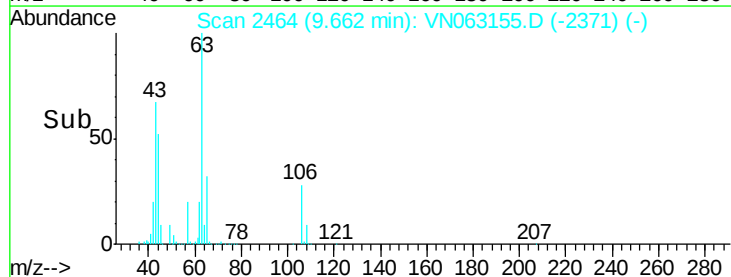
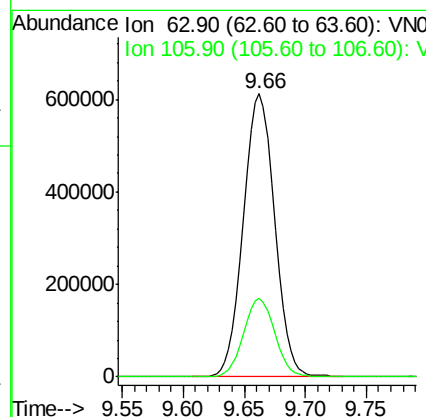
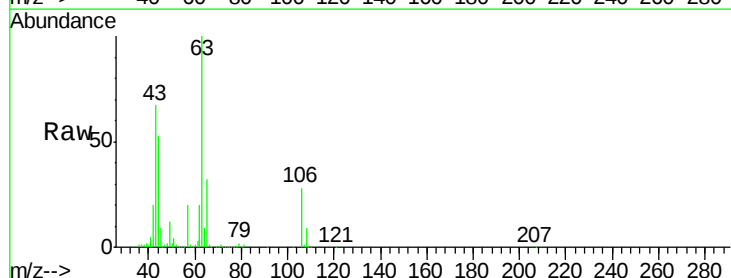
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

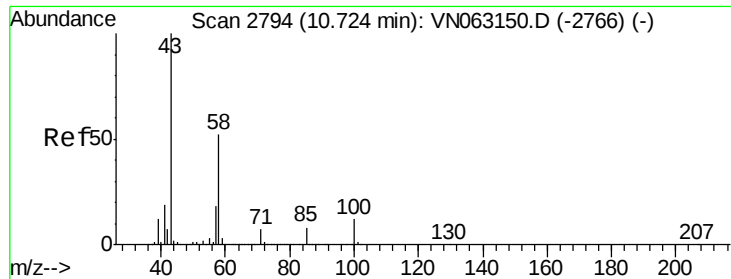
Tot Ion: 76 Resp: 576838
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 227.261 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Tgt Ion: 63 Resp: 1084510
 Ion Ratio Lower Upper
 63 100
 106 27.8 21.8 32.6





#59

2-Hexanone

Concen: 303.639 ug/l

RT: 10.72 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

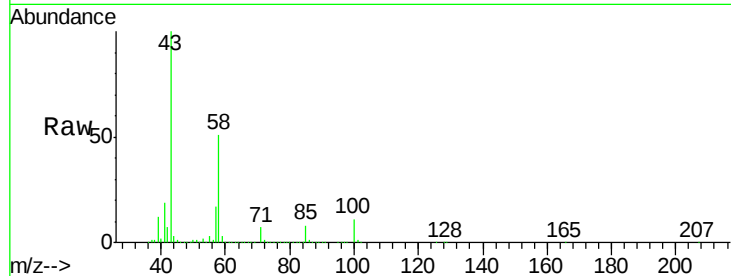
VSTDCCC050

Tot Ion: 43 Resp: 1633473

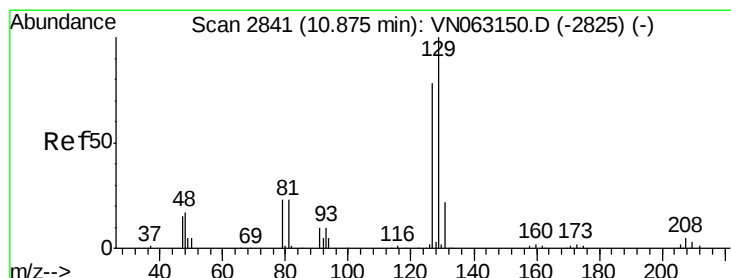
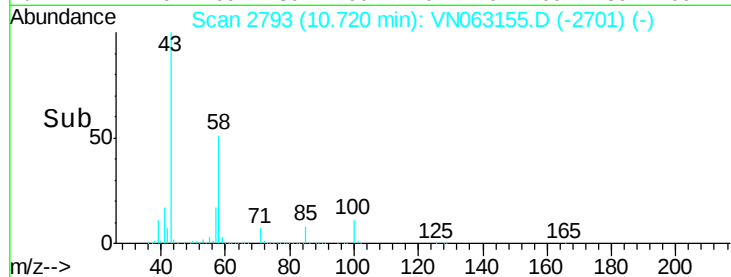
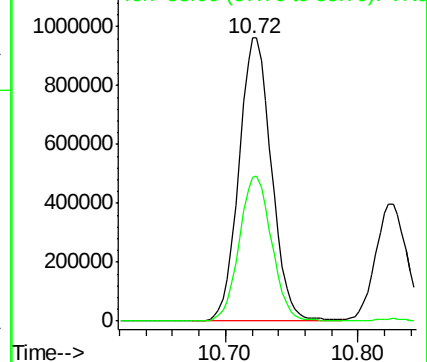
Ion Ratio Lower Upper

43 100

58 51.3 25.9 77.8



Abundance Ion 43.00 (42.70 to 43.70): VN063155.D (-2766) (-)



#60

Dibromochloromethane

Concen: 56.607 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VN063155.D

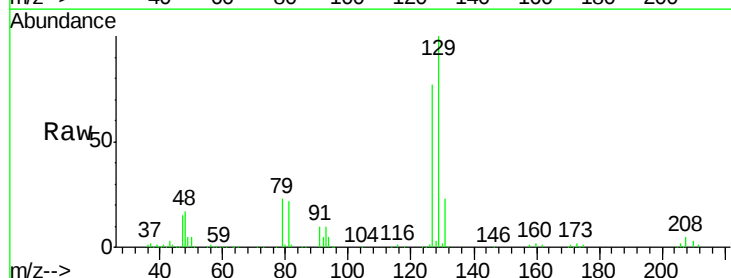
Acq: 1 Sep 2020 15:00

Tgt Ion: 129 Resp: 378970

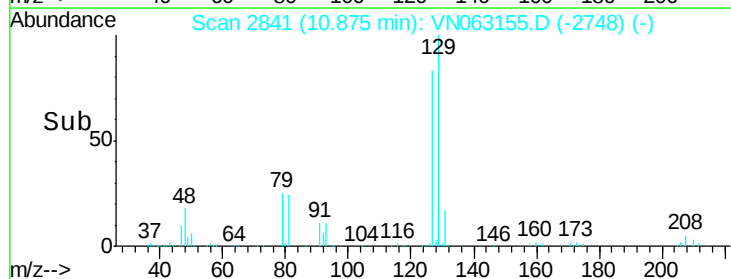
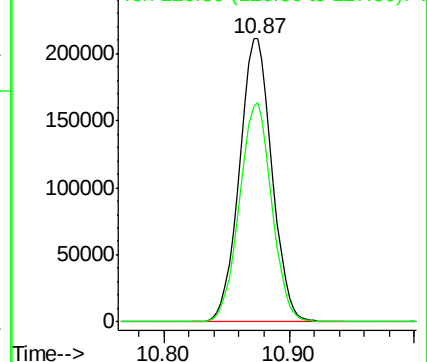
Ion Ratio Lower Upper

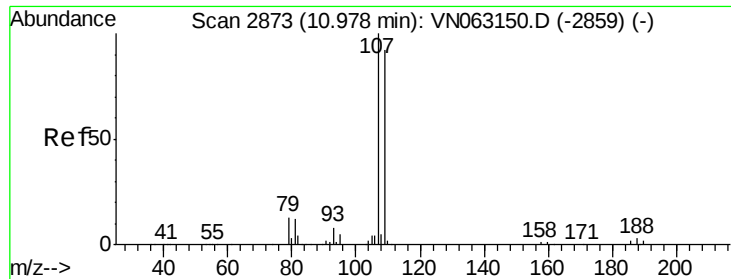
129 100

127 77.1 39.0 117.0



Abundance Ion 128.80 (128.50 to 129.50): VN063155.D (-2825) (-)

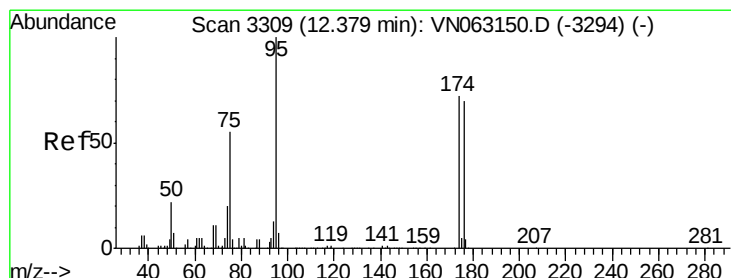
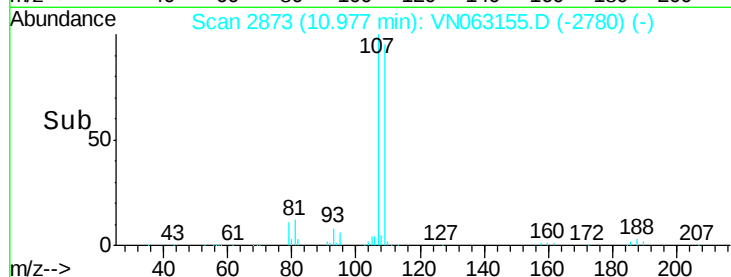
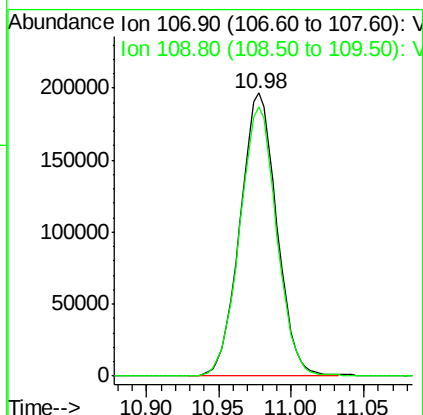
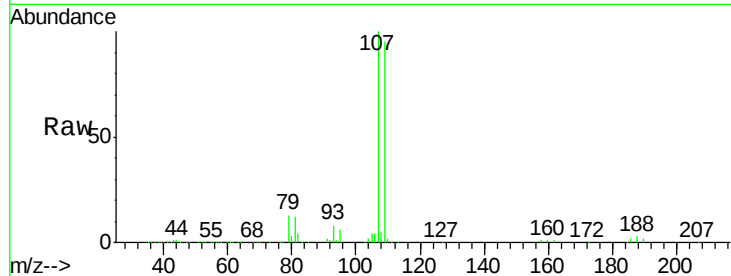




#61
 1,2-Dibromoethane
 Concen: 55.067 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

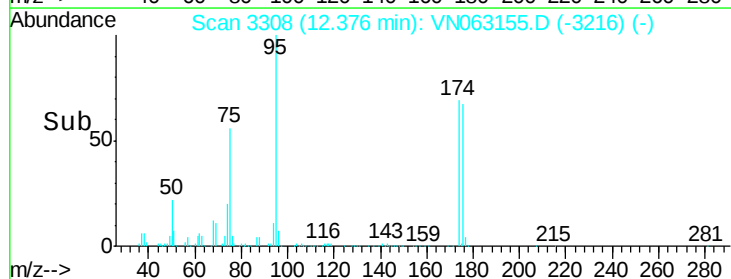
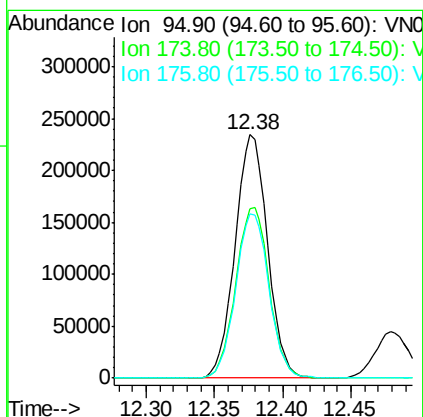
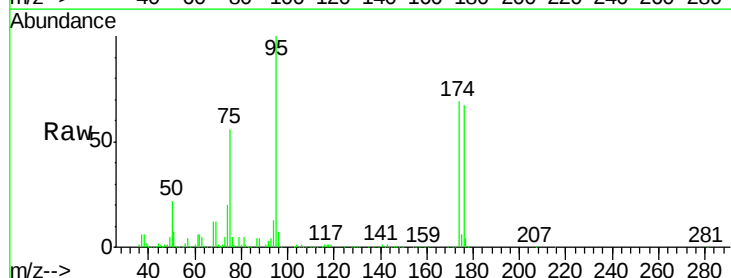
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

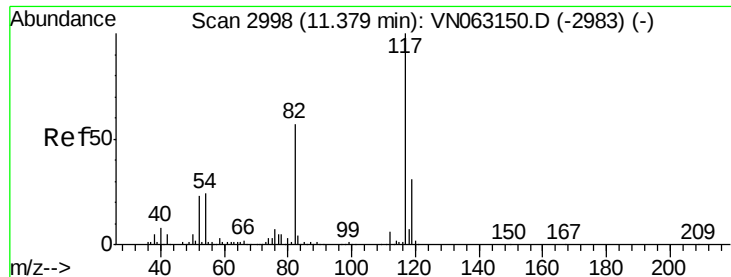
Tot Ion: 107 Resp: 346639
 Ion Ratio Lower Upper
 107 100
 109 95.6 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 49.992 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Tgt Ion: 95 Resp: 387989
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 143.8
 176 69.1 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

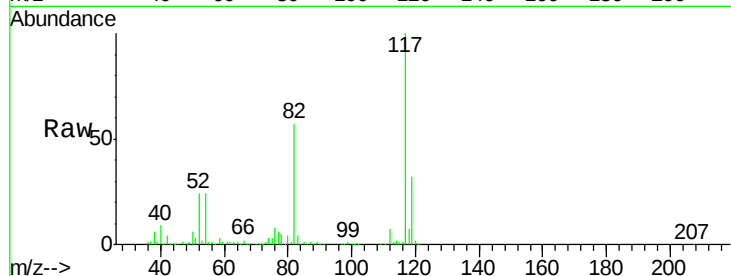
Tot Ion:117 Resp: 830633

Ion Ratio Lower Upper

117 100

82 57.2 45.4 68.0

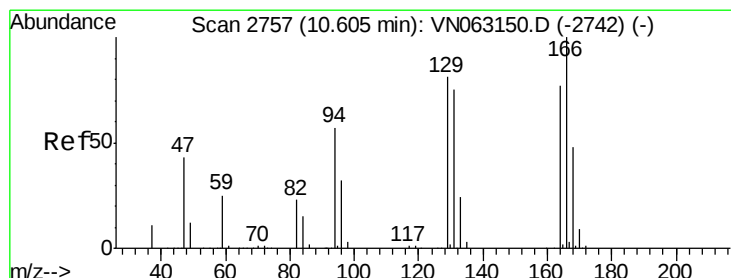
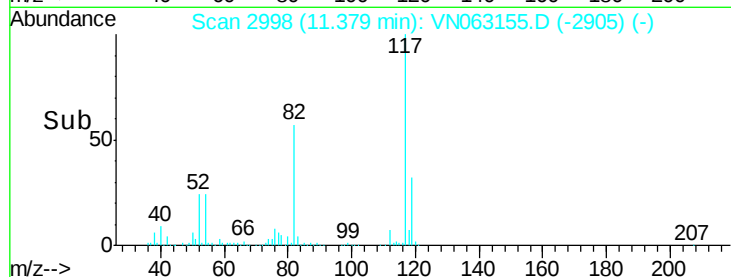
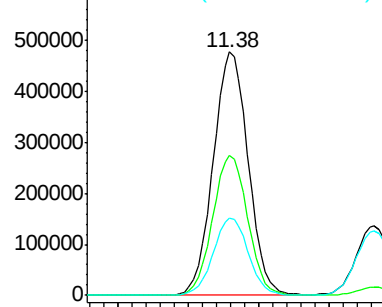
119 31.6 24.6 37.0



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: 58.929 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Tgt Ion:164 Resp: 351500

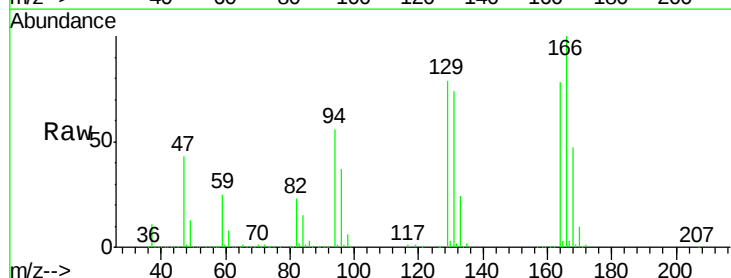
Ion Ratio Lower Upper

164 100

166 127.6 103.4 155.2

129 101.1 83.4 125.0

131 94.8 77.8 116.8

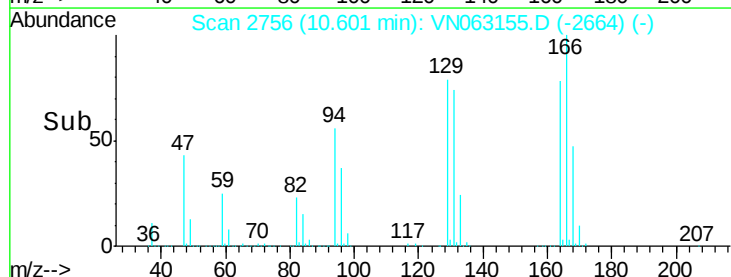
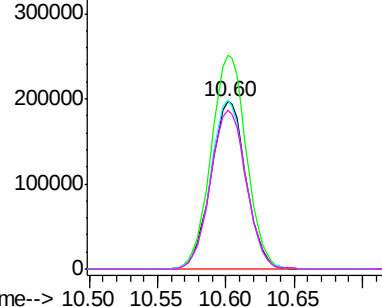


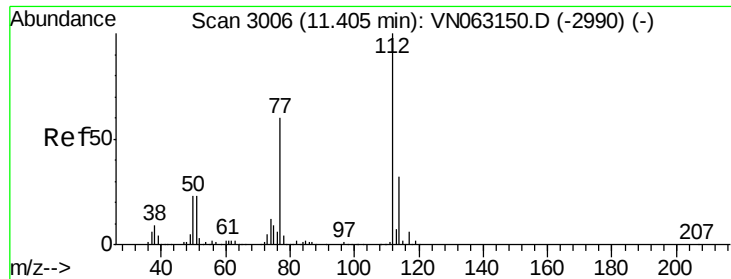
Abundance Ion 163.80 (163.50 to 164.50): V

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

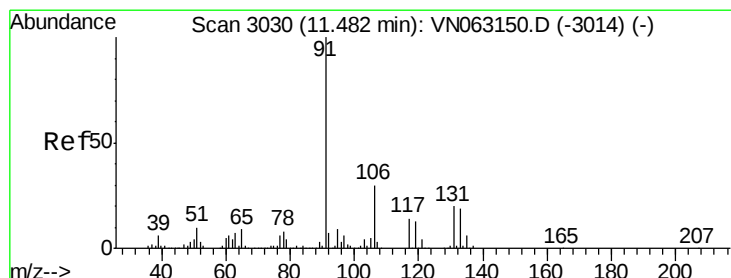
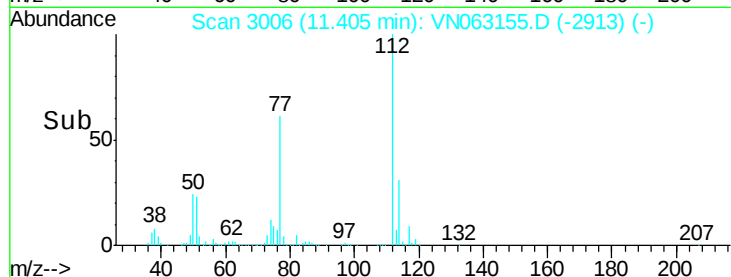
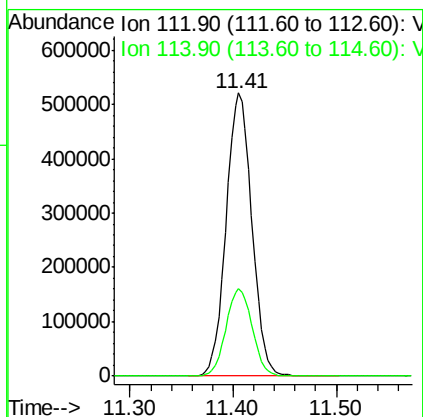
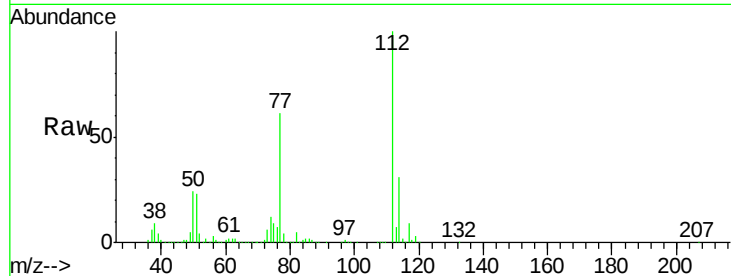




#65
Chlorobenzene
Concen: 54.236 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

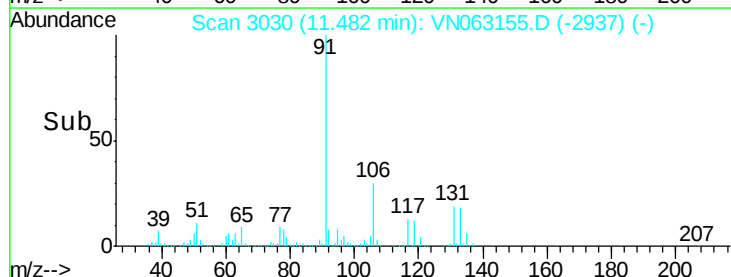
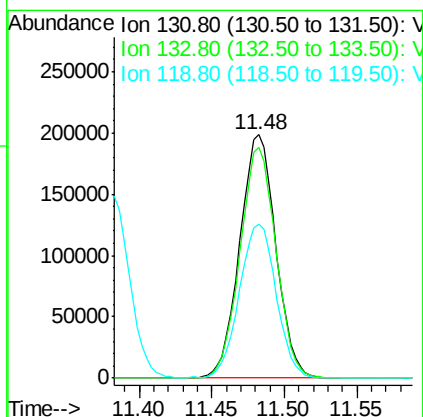
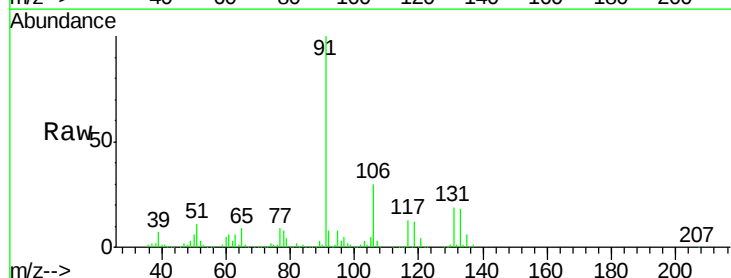
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

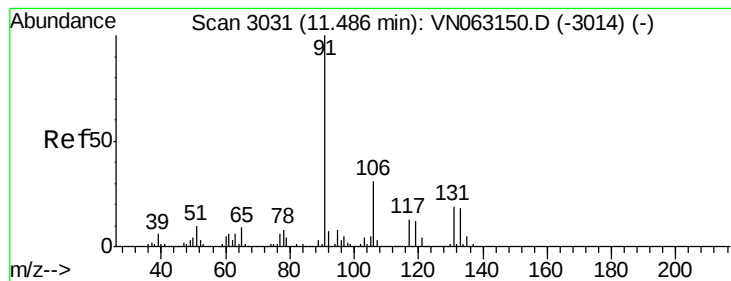
Tot Ion:112 Resp: 907362
Ion Ratio Lower Upper
112 100
114 30.8 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 55.398 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion:131 Resp: 344104
Ion Ratio Lower Upper
131 100
133 94.9 47.3 142.0
119 64.6 32.4 97.0





#67

Ethyl Benzene

Concen: 56.899 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

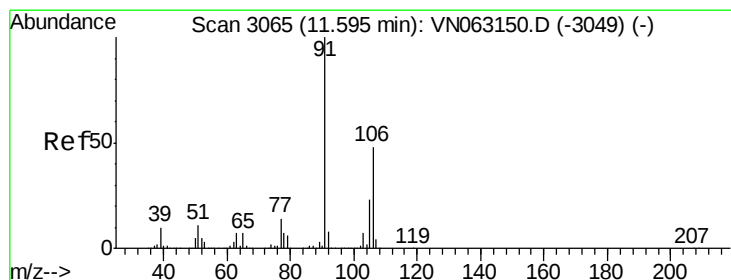
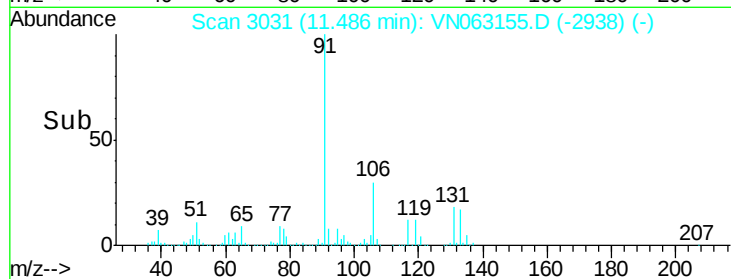
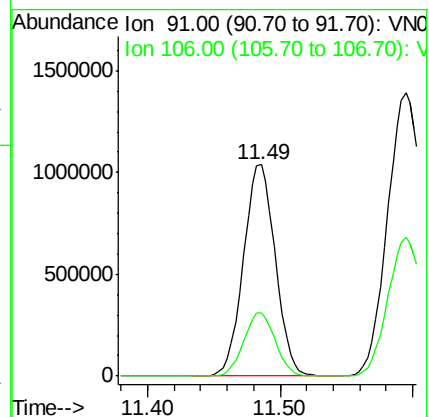
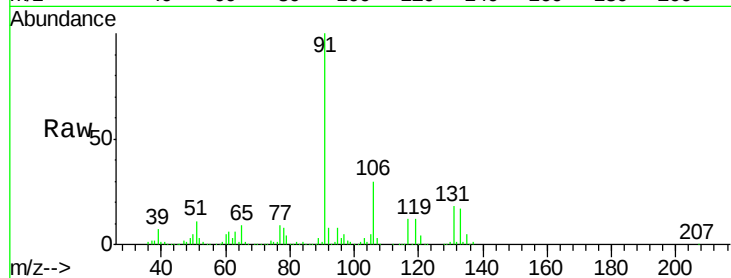
VSTDCCC050

Tot Ion: 91 Resp: 1736573

Ion Ratio Lower Upper

91 100

106 29.8 24.4 36.6



#68

m/p-Xylenes

Concen: 114.000 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063155.D

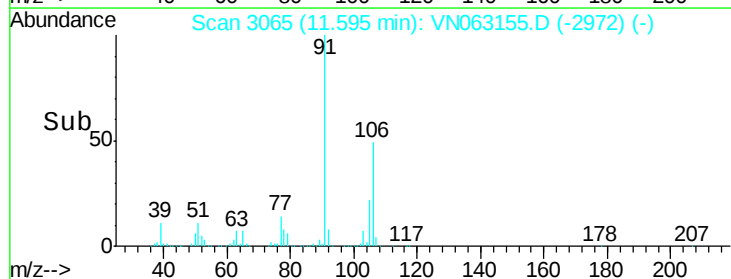
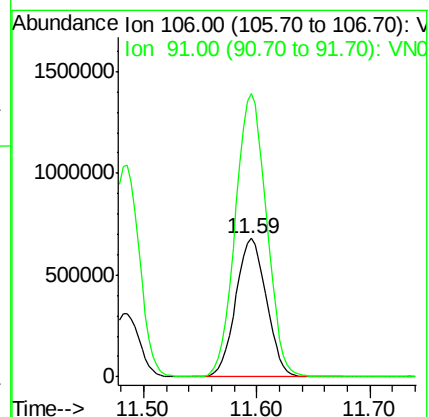
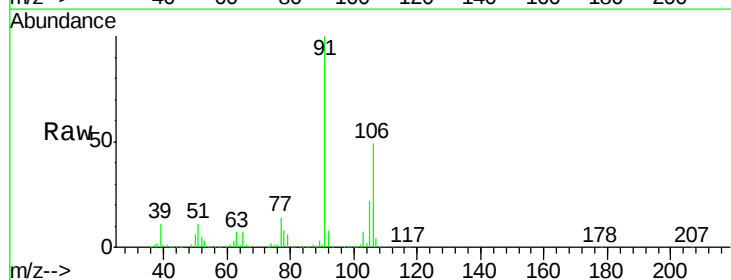
Acq: 1 Sep 2020 15:00

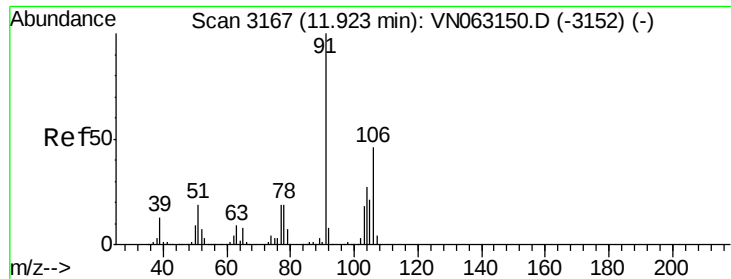
Tgt Ion: 106 Resp: 1288630

Ion Ratio Lower Upper

106 100

91 207.1 166.7 250.1

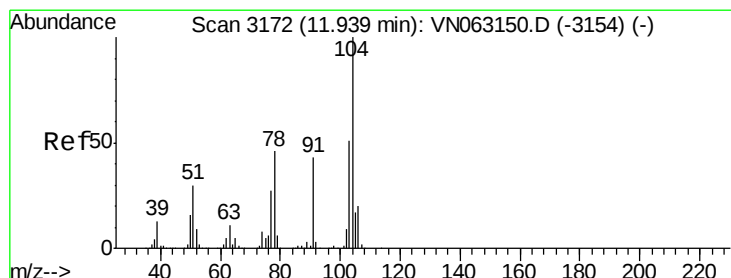
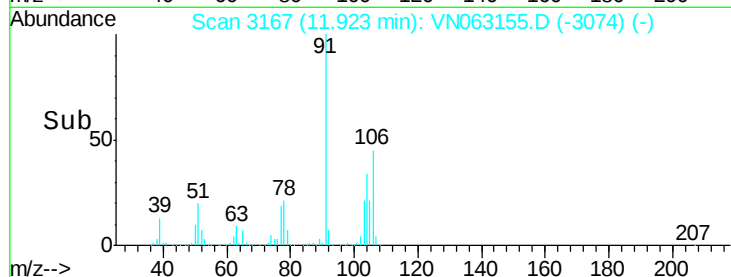
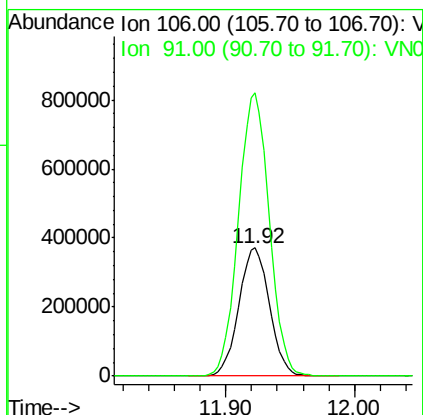
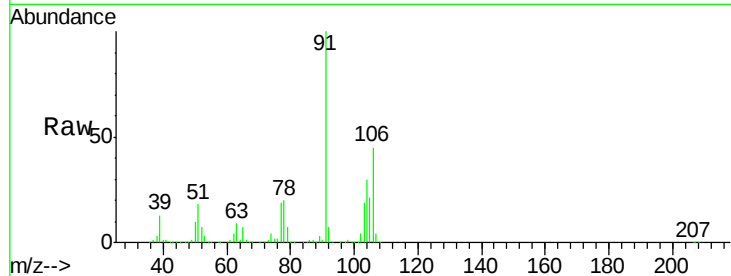




#69
o-Xylene
Concen: 56.233 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

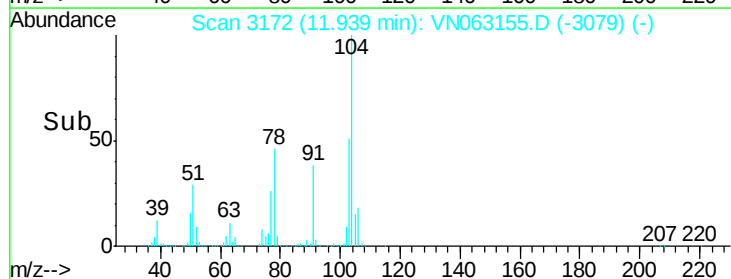
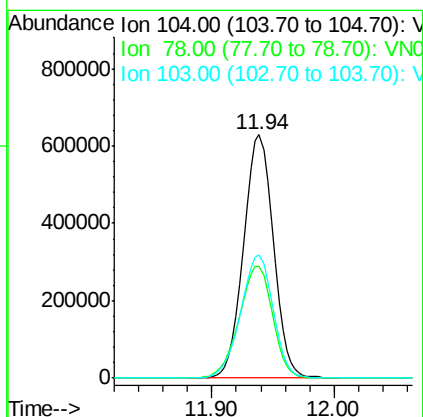
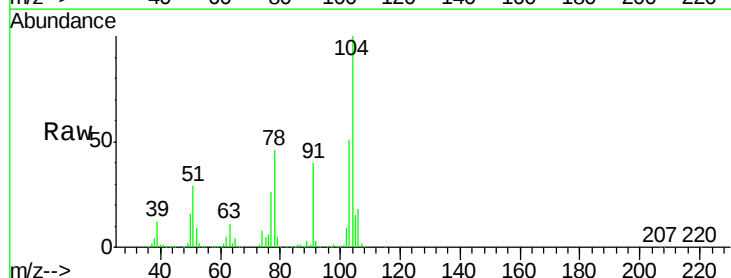
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

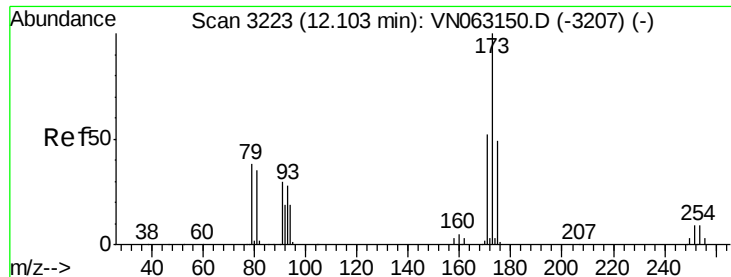
Tot Ion:106 Resp: 614055
Ion Ratio Lower Upper
106 100
91 221.7 108.6 325.6



#70
Styrene
Concen: 56.464 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion:104 Resp: 1059659
Ion Ratio Lower Upper
104 100
78 51.6 41.0 61.6
103 55.4 43.8 65.8





#71

Bromoform

Concen: 56.850 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

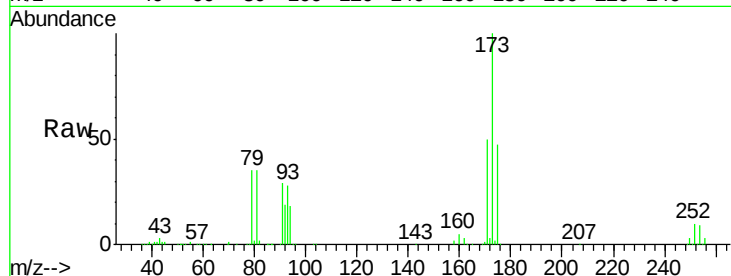
Tot Ion:173 Resp: 239643

Ion Ratio Lower Upper

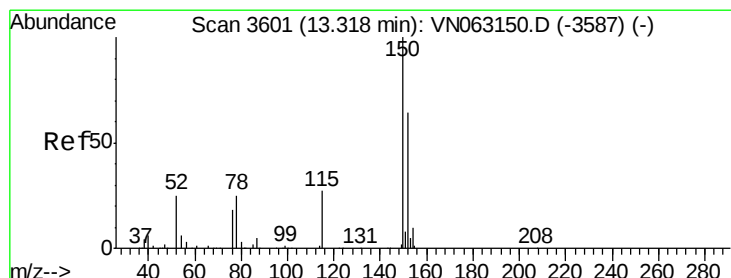
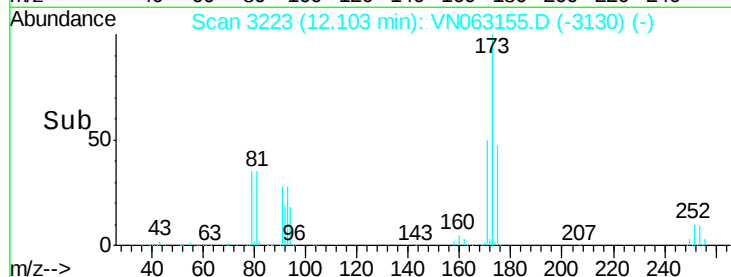
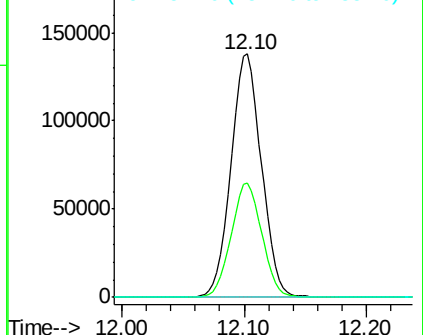
173 100

175 47.0 24.6 73.8

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: VN063155.D

Acq: 1 Sep 2020 15:00

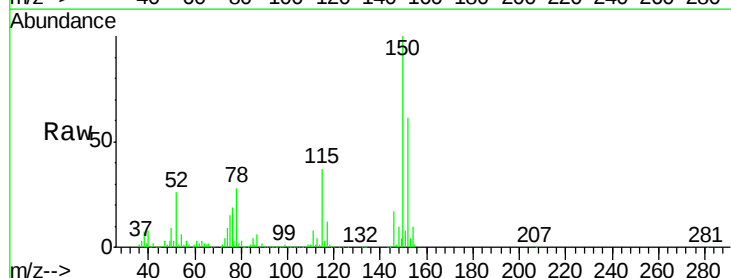
Tgt Ion:152 Resp: 410032

Ion Ratio Lower Upper

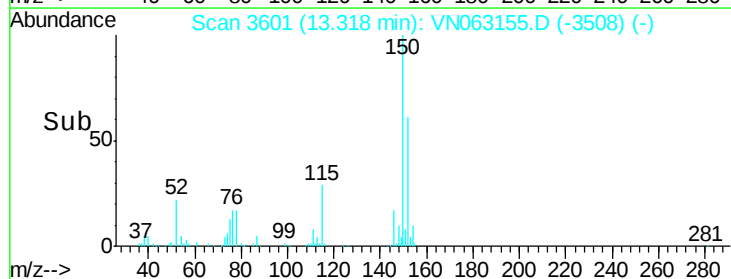
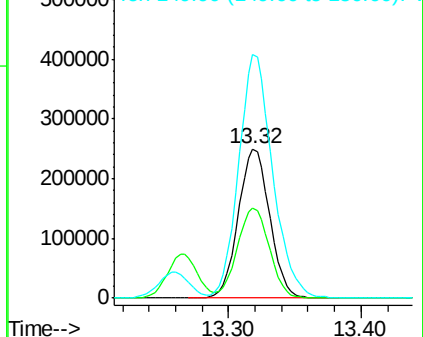
152 100

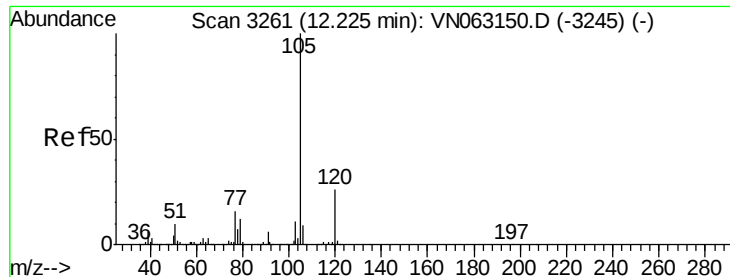
115 61.7 32.0 96.2

150 176.4 0.0 353.0



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: 53.480 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

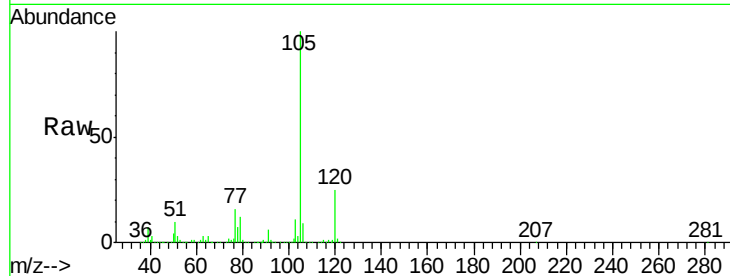
VSTDCCC050

Tot Ion:105 Resp: 1681900

Ion Ratio Lower Upper

105 100

120 25.3 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

400000

200000

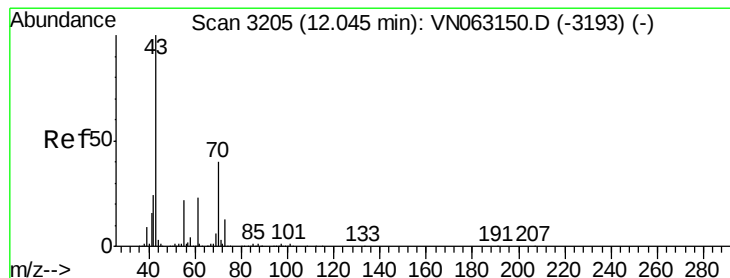
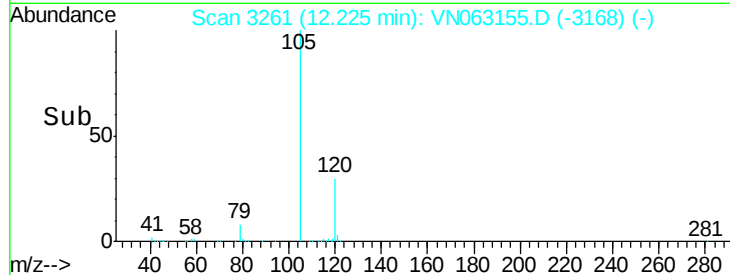
0

12.23

12.20

12.30

Time-->



#74

N-ethyl acetate

Concen: 53.076 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Tgt Ion: 43 Resp: 691395

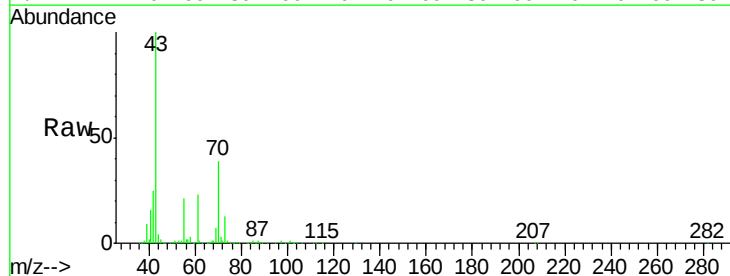
Ion Ratio Lower Upper

43 100

70 39.8 32.1 48.1

55 21.7 17.4 26.0

61 22.8 18.6 27.8



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

600000

400000

200000

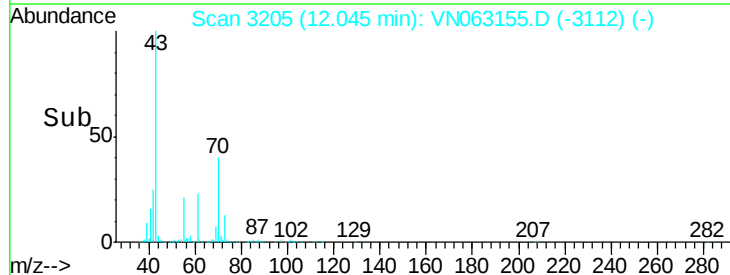
0

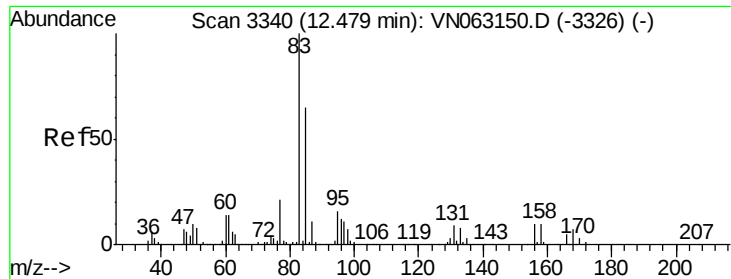
12.04

12.00

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.830 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

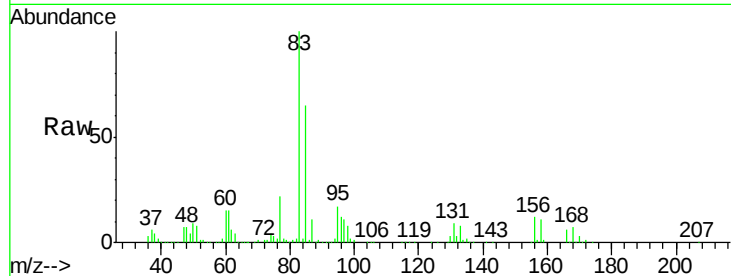
Tot Ion: 83 Resp: 442736

Ion Ratio Lower Upper

83 100

131 9.3 4.7 14.0

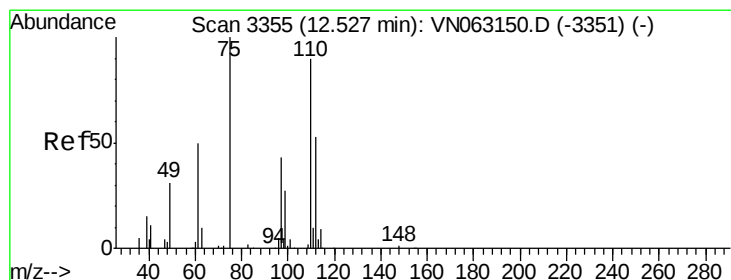
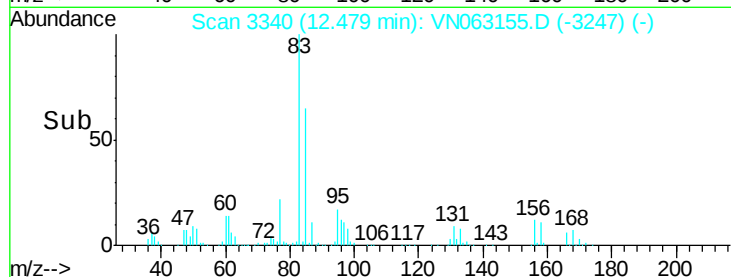
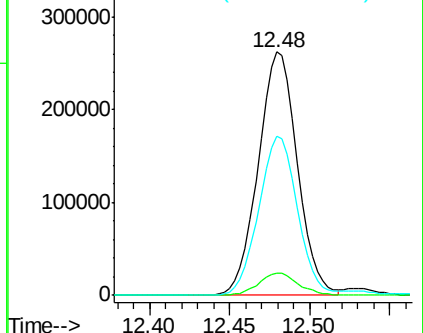
85 64.8 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 49.059 ug/l m

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063155.D

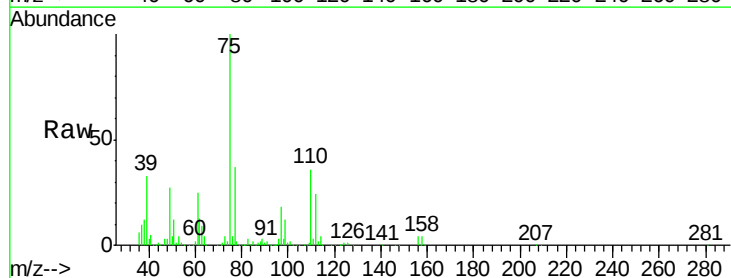
Acq: 1 Sep 2020 15:00

Tgt Ion: 75 Resp: 395230

Ion Ratio Lower Upper

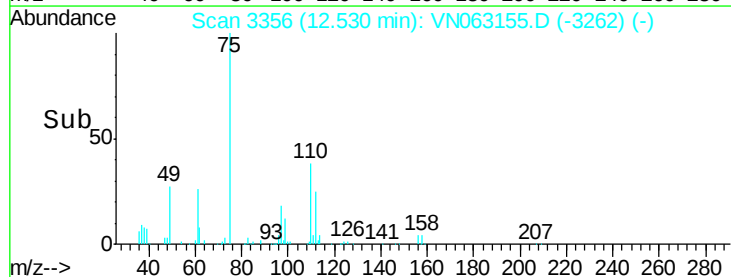
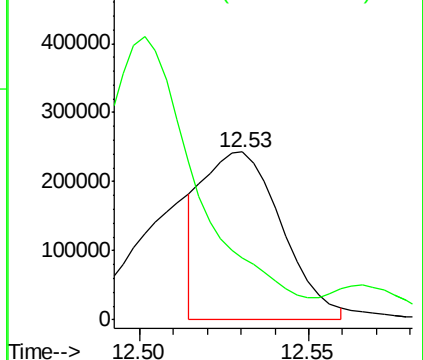
75 100

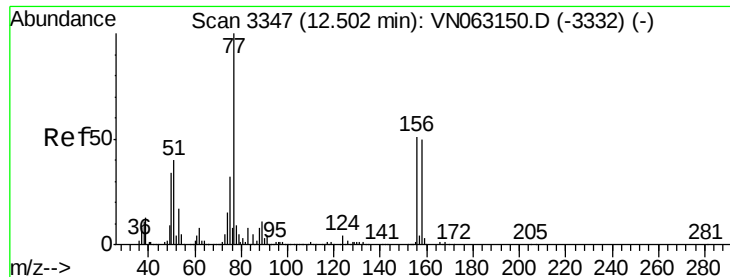
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 52.691 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

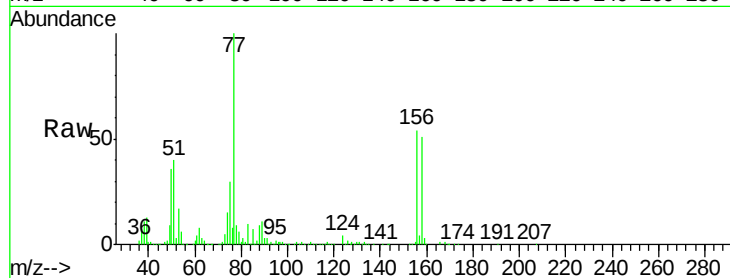
Tot Ion:156 Resp: 374766

Ion Ratio Lower Upper

156 100

77 220.6 116.1 348.3

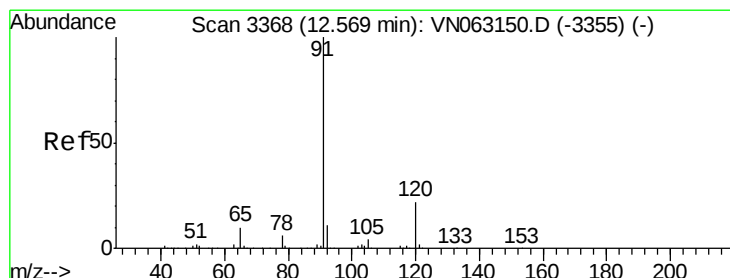
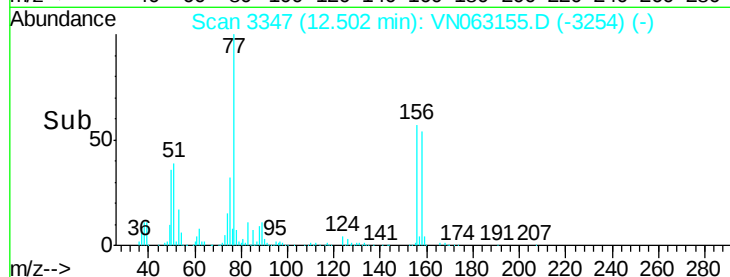
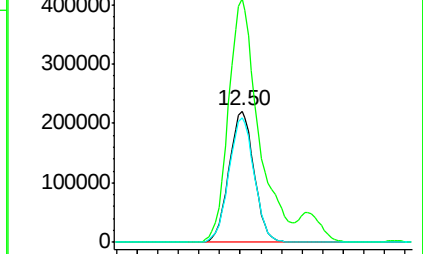
158 96.2 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.012 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063155.D

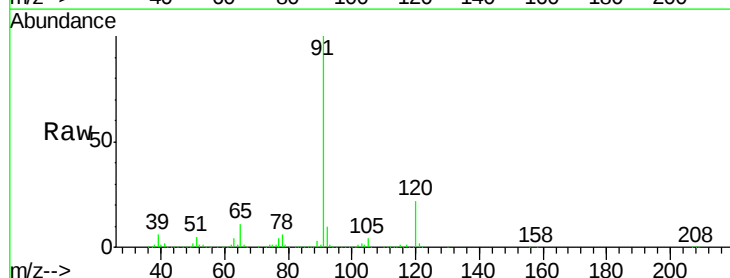
Acq: 1 Sep 2020 15:00

Tgt Ion: 91 Resp: 2001986

Ion Ratio Lower Upper

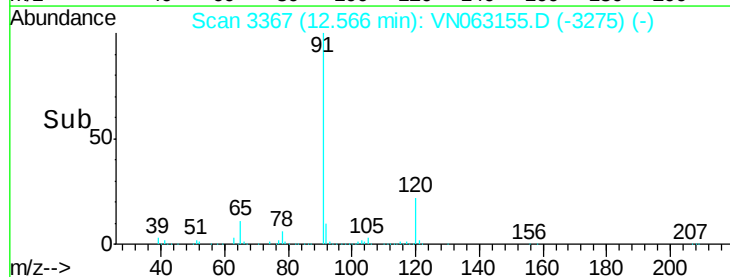
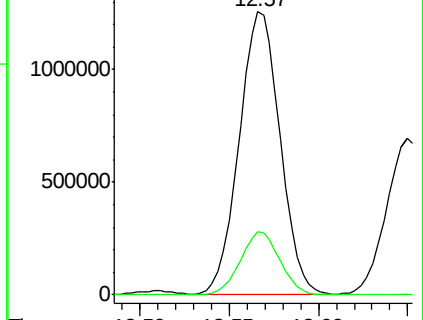
91 100

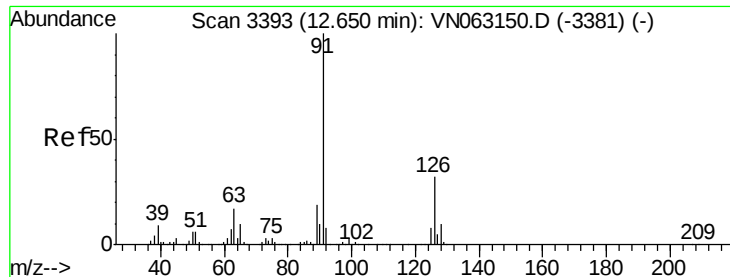
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.386 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

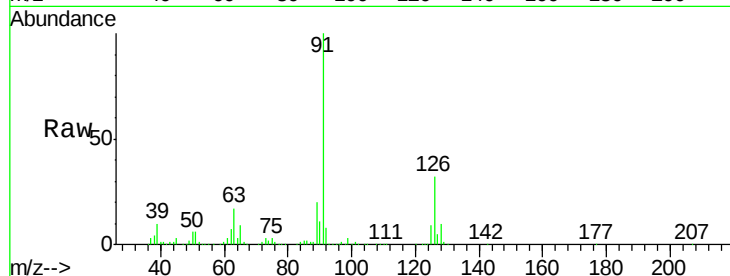
VSTDCCC050

Tot Ion: 91 Resp: 1141832

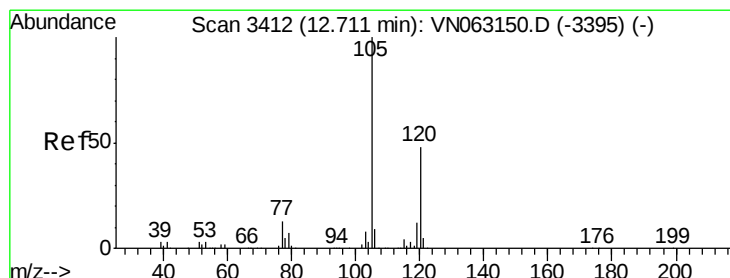
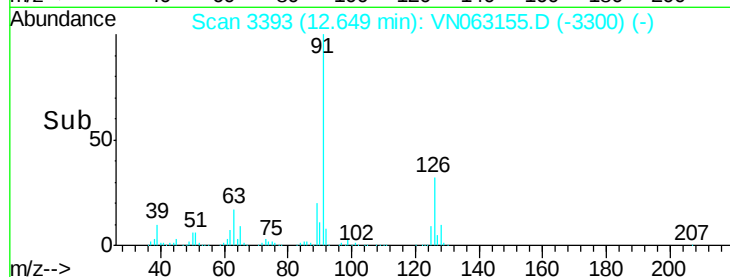
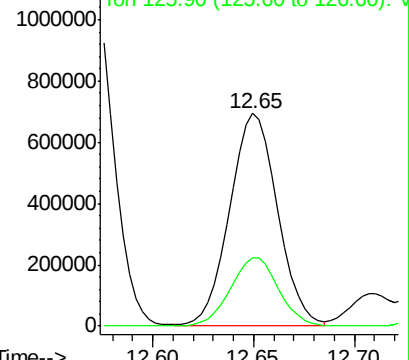
Ion Ratio Lower Upper

91 100

126 32.5 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VN063155.D (-3393) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.917 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. -0.00 min

Lab File: VN063155.D

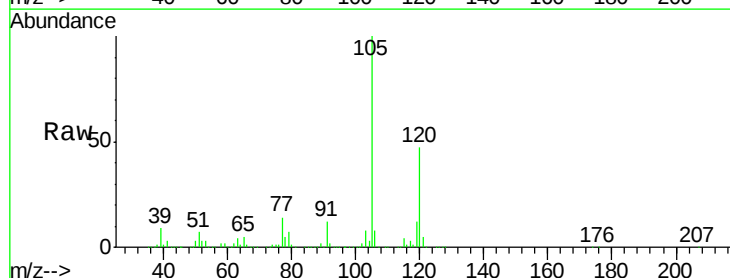
Acq: 1 Sep 2020 15:00

Tgt Ion:105 Resp: 1437552

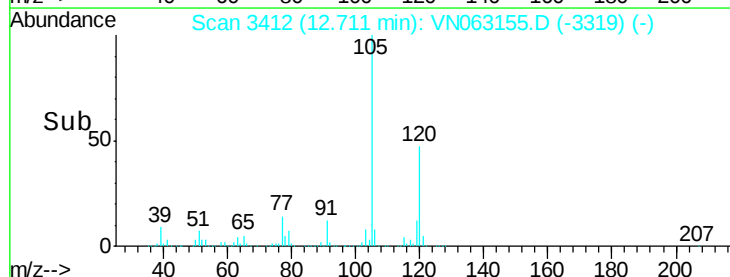
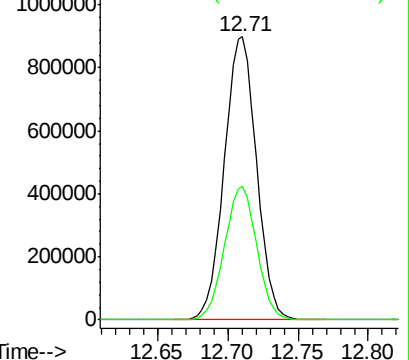
Ion Ratio Lower Upper

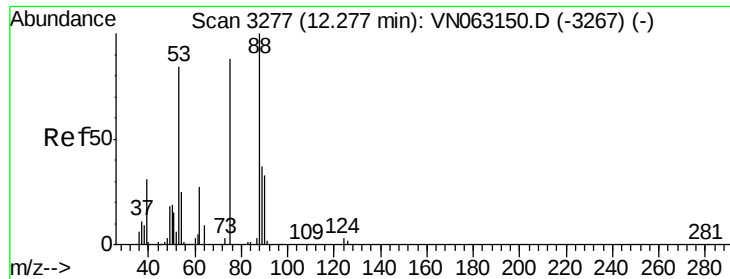
105 100

120 46.9 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN063155.D (-3412) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.342 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

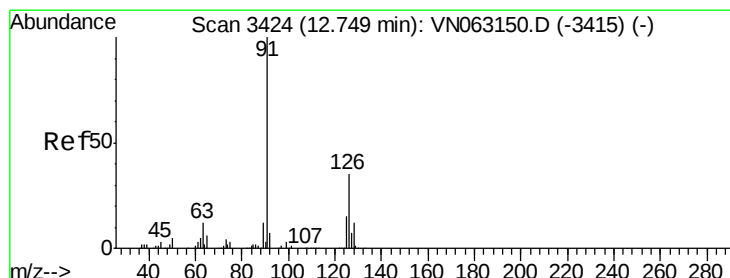
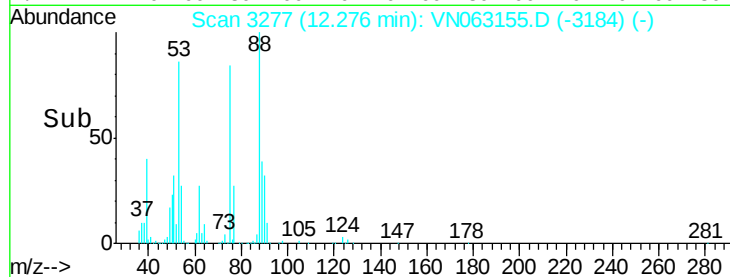
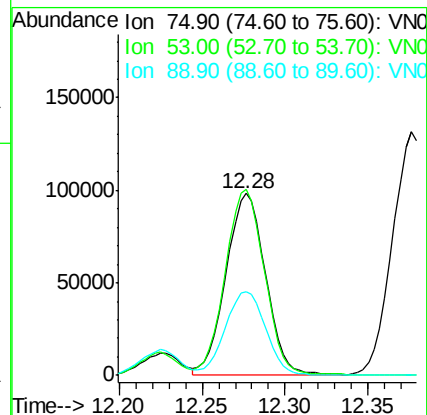
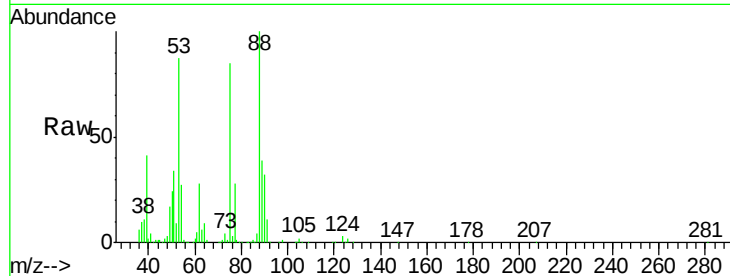
Tot Ion: 75 Resp: 161134

Ion Ratio Lower Upper

75 100

53 102.6 78.7 118.1

89 46.9 35.3 52.9



#82

4-Chlorotoluene

Concen: 54.241 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063155.D

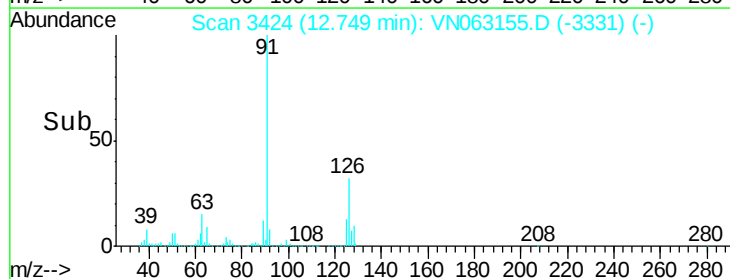
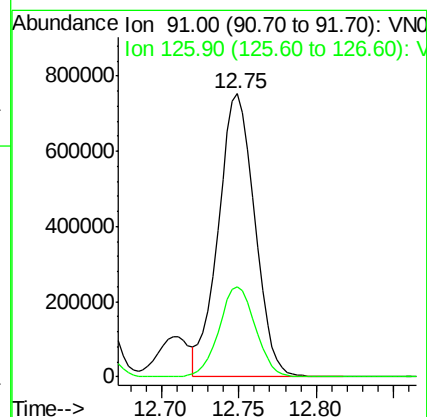
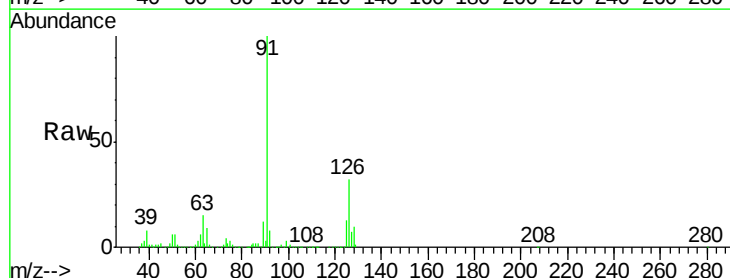
Acq: 1 Sep 2020 15:00

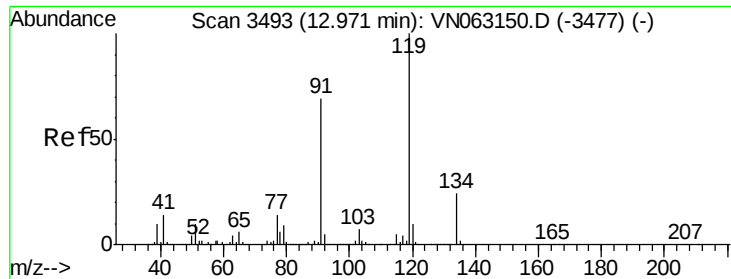
Tgt Ion: 91 Resp: 1226157

Ion Ratio Lower Upper

91 100

126 31.8 16.2 48.5

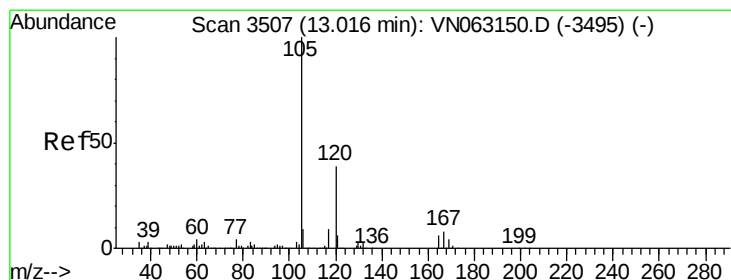
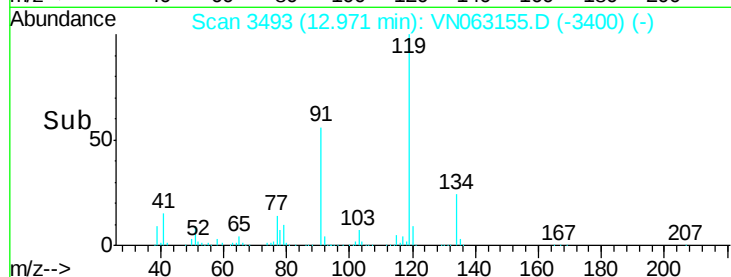
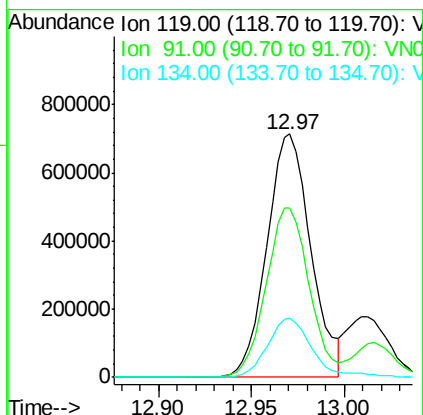
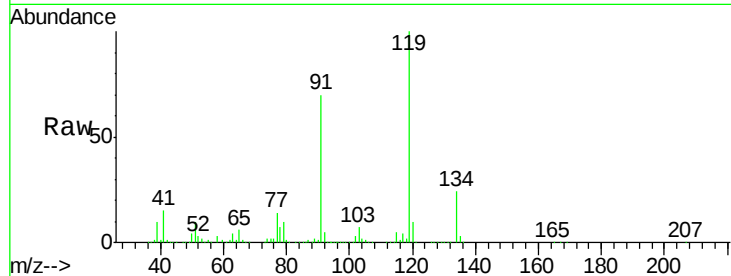




#83
tert-Butylbenzene
Concen: 52.579 ug/l
RT: 12.97 min Scan# 3493
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

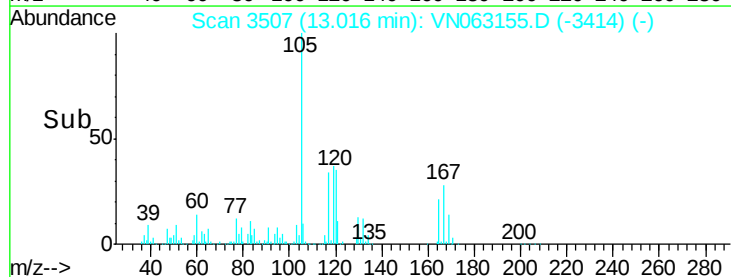
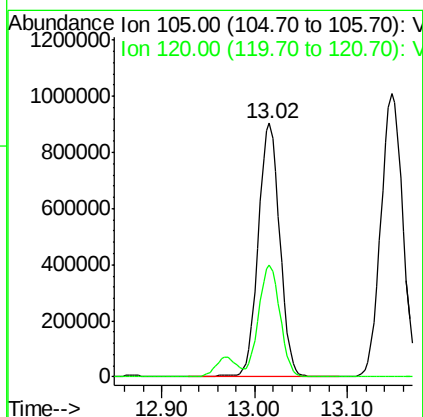
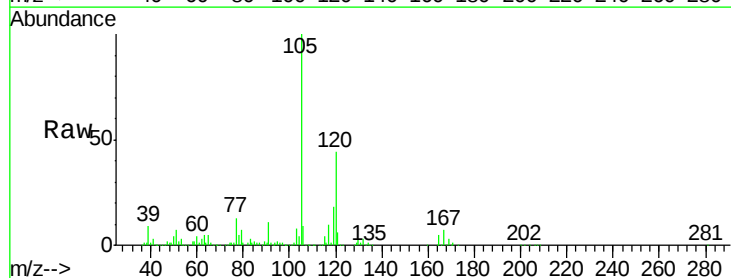
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

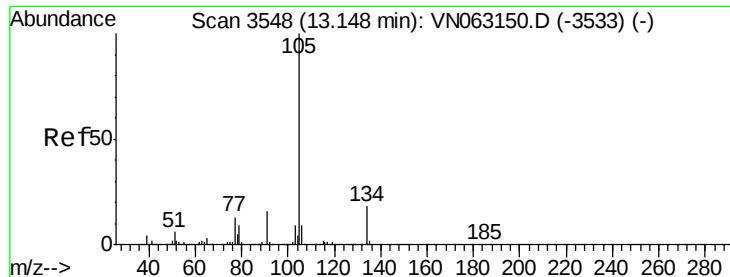
Tot Ion:119 Resp: 1180394
Ion Ratio Lower Upper
119 100
91 68.2 33.7 101.0
134 24.8 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 55.226 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion:105 Resp: 1457165
Ion Ratio Lower Upper
105 100
120 43.9 22.6 67.7





#85

sec-Butylbenzene

Concen: 56.328 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

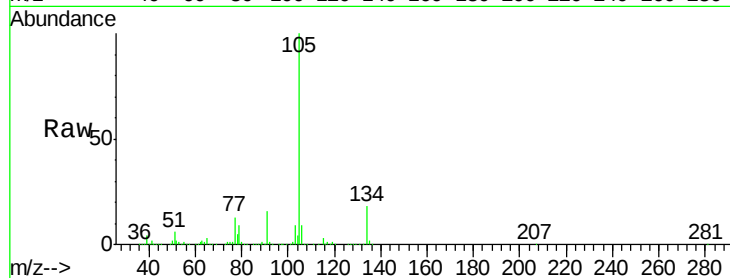
VSTDCCC050

Tot Ion:105 Resp: 1648091

Ion Ratio Lower Upper

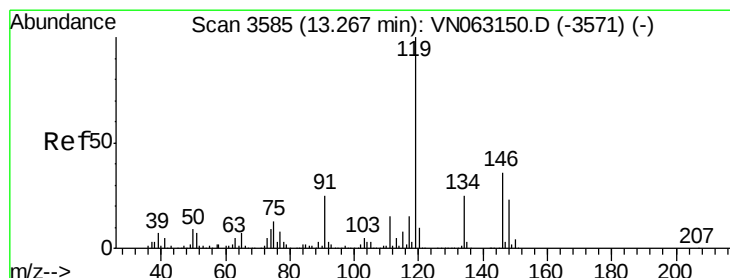
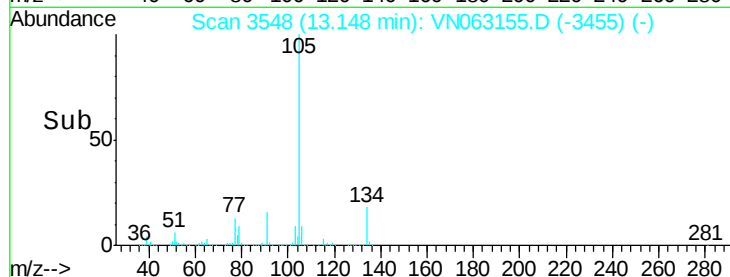
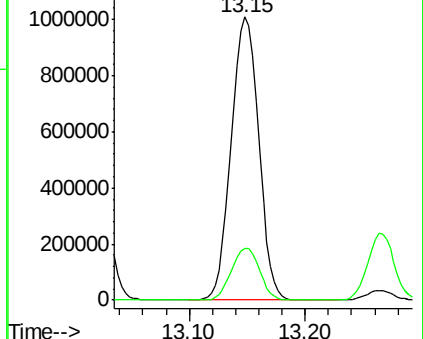
105 100

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



#86

p-Isopropyltoluene

Concen: 57.078 ug/l

RT: 13.27 min Scan# 3585

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

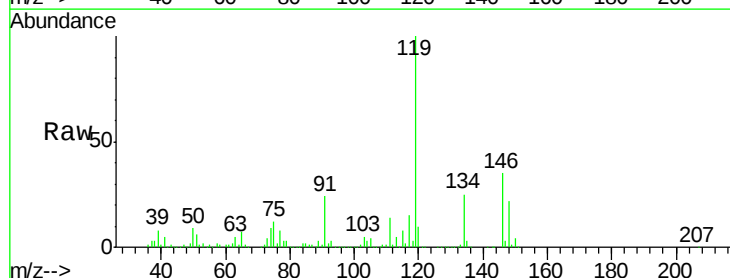
Tgt Ion:119 Resp: 1482689

Ion Ratio Lower Upper

119 100

134 25.3 12.4 37.4

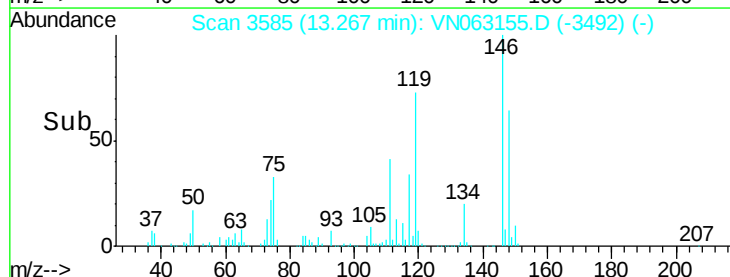
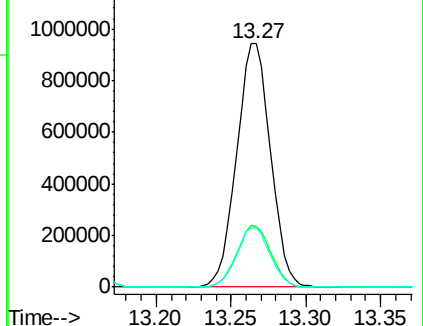
91 24.4 12.2 36.6

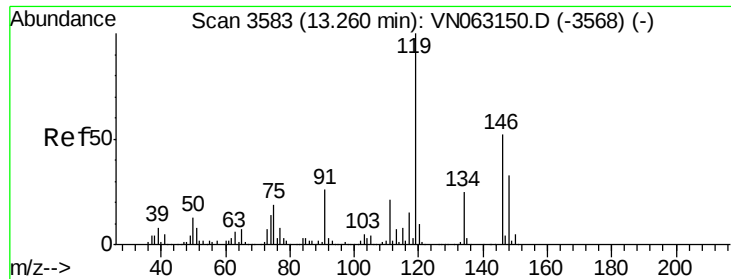


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

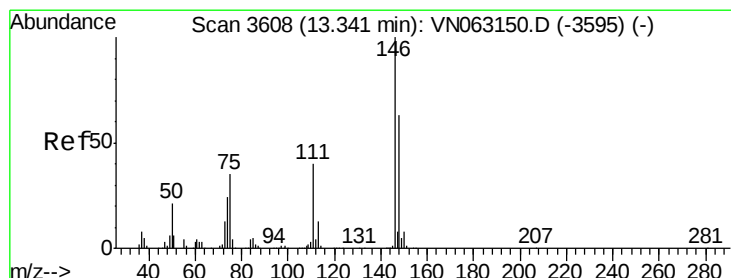
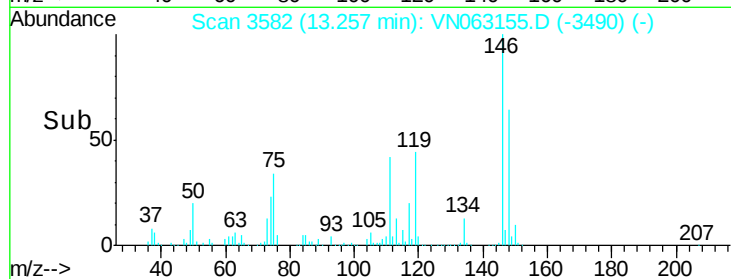
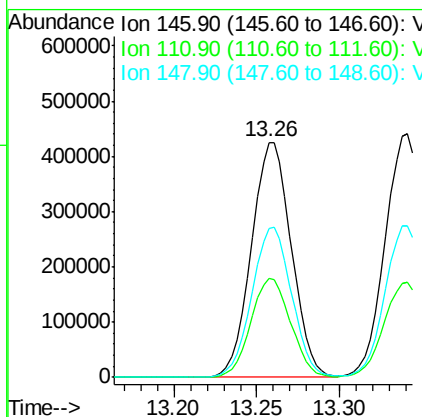
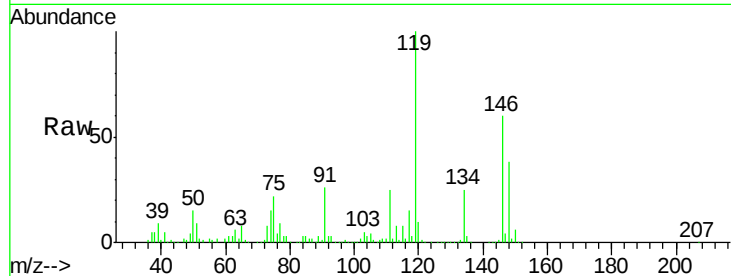




#87
 1,3-Dichlorobenzene
 Concen: 54.424 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

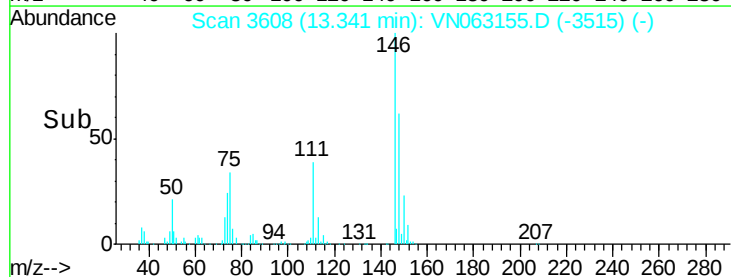
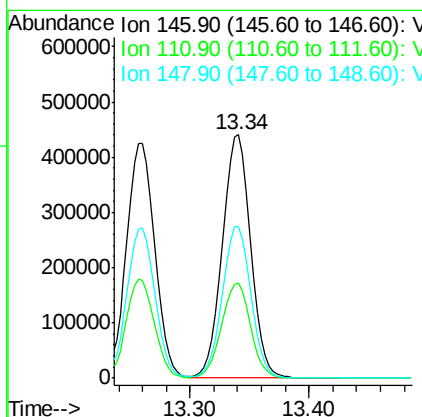
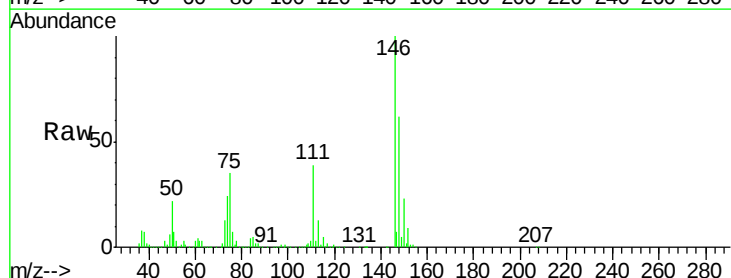
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

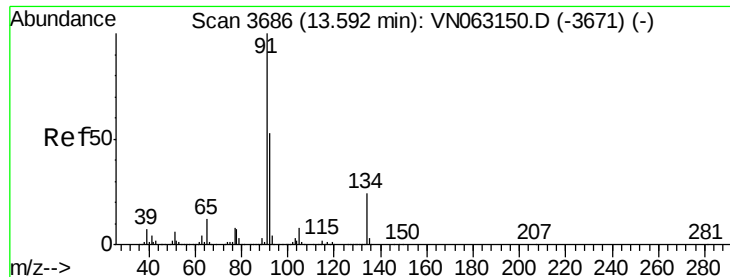
Tot Ion:146 Resp: 711113
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.3 63.7
 148 63.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 53.552 ug/l
 RT: 13.34 min Scan# 3608
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Tgt Ion:146 Resp: 724520
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.5 61.5
 148 62.9 31.9 95.7





#89

n-Butylbenzene

Concen: 57.317 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

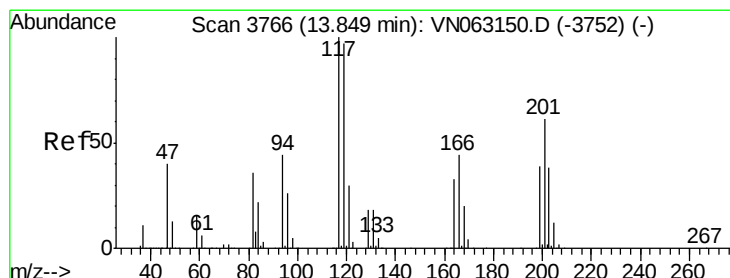
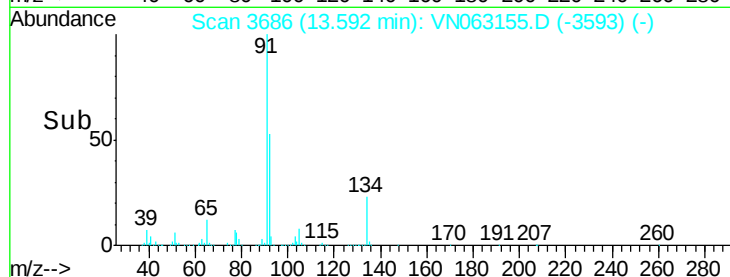
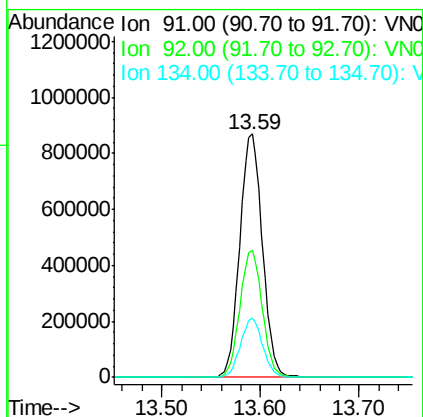
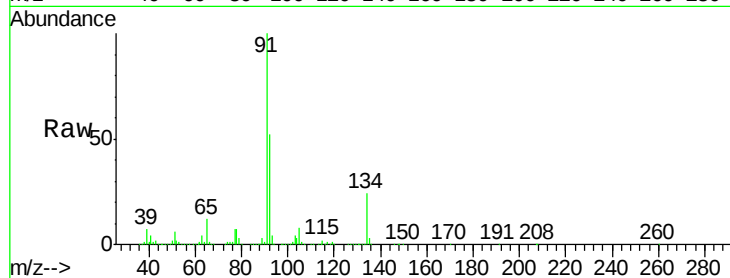
Tot Ion: 91 Resp: 1375501

Ion Ratio Lower Upper

91 100

92 51.7 26.3 78.8

134 23.7 12.0 36.0



#90

Hexachloroethane

Concen: 51.226 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063155.D

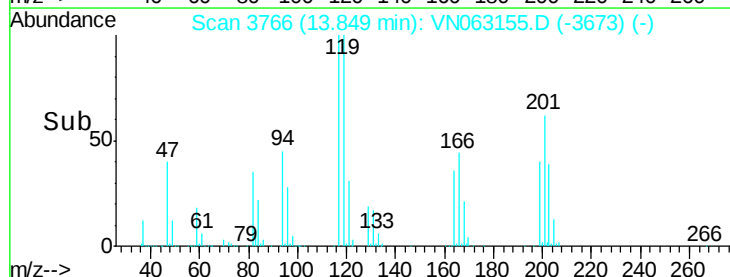
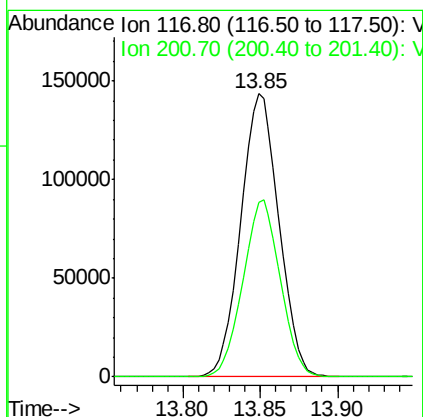
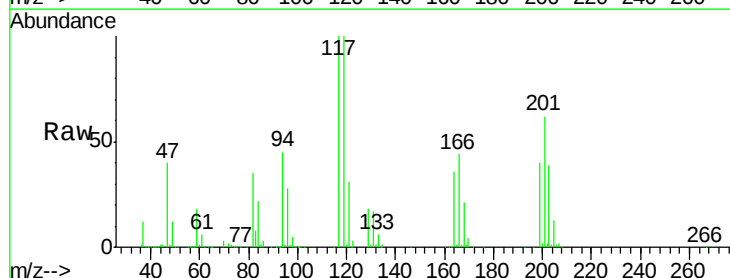
Acq: 1 Sep 2020 15:00

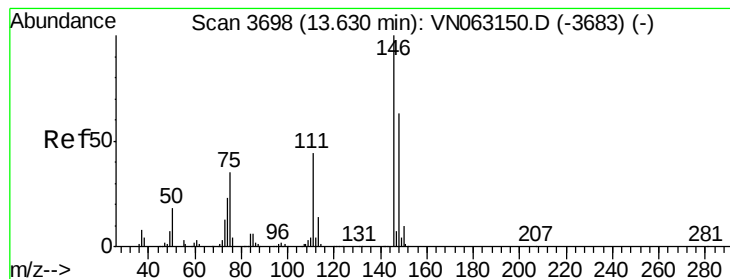
Tgt Ion: 117 Resp: 246325

Ion Ratio Lower Upper

117 100

201 61.1 30.6 92.0





#91

1,2-Dichlorobenzene

Concen: 55.322 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

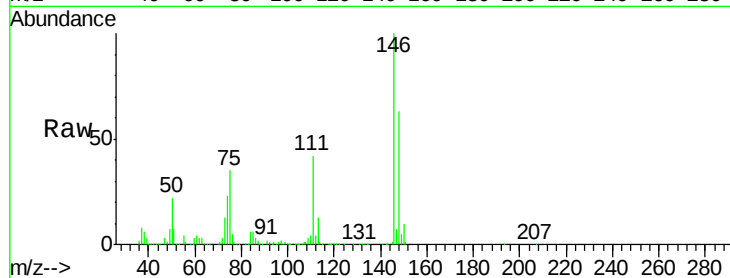
Tot Ion:146 Resp: 701461

Ion Ratio Lower Upper

146 100

111 42.5 22.0 66.0

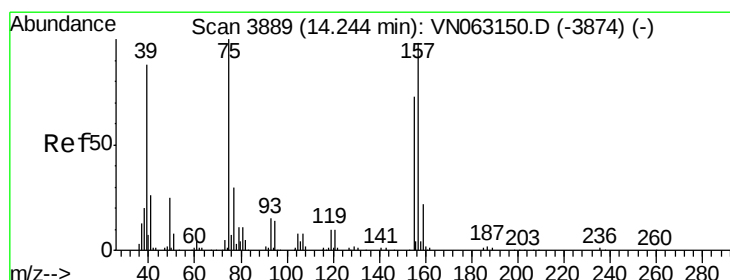
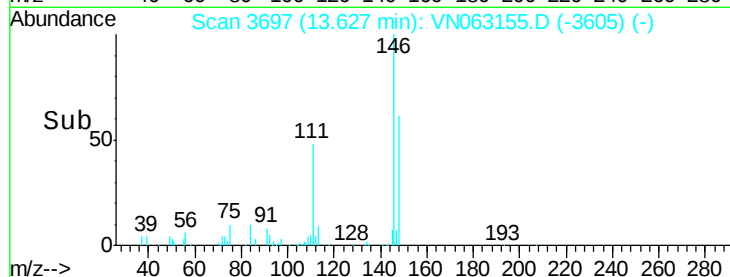
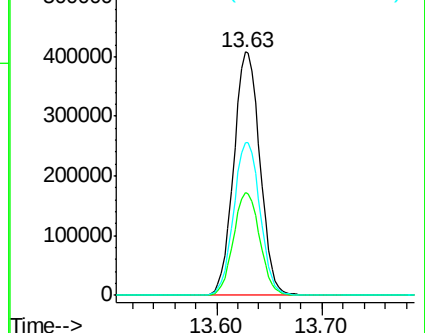
148 63.3 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.020 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

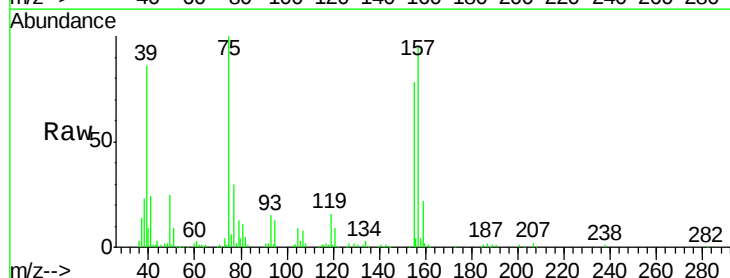
Tgt Ion: 75 Resp: 99708

Ion Ratio Lower Upper

75 100

155 76.3 36.1 108.5

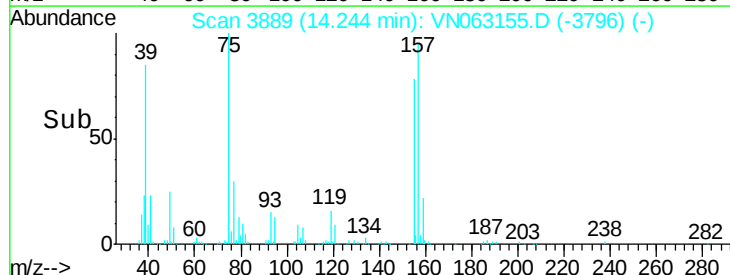
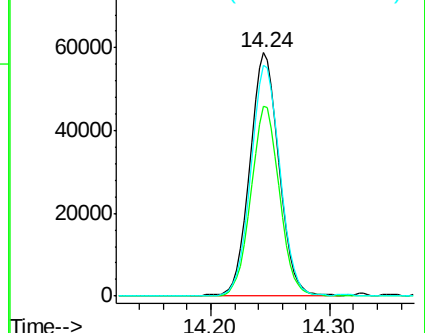
157 94.6 48.4 145.0

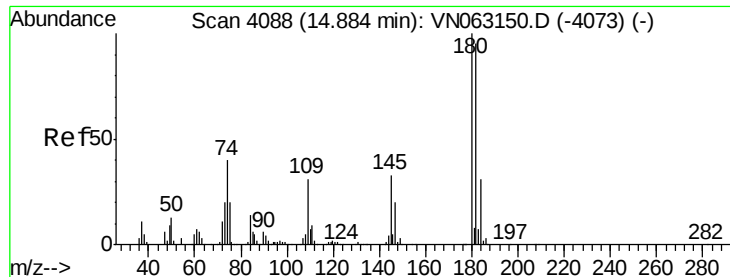


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

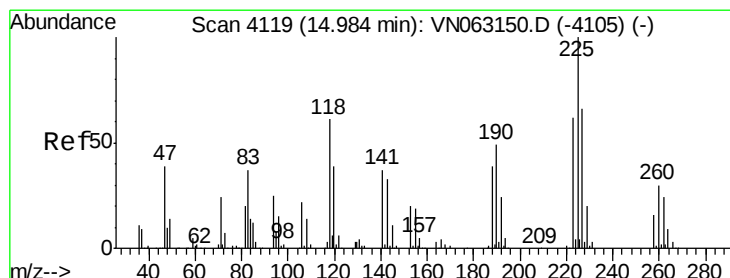
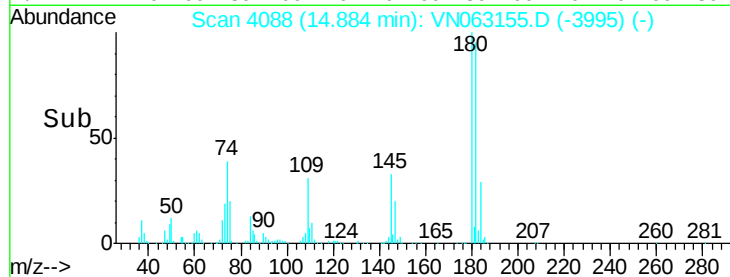
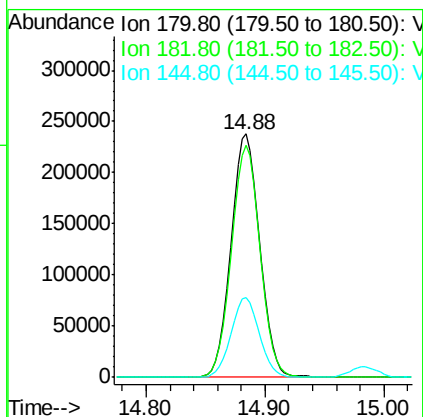
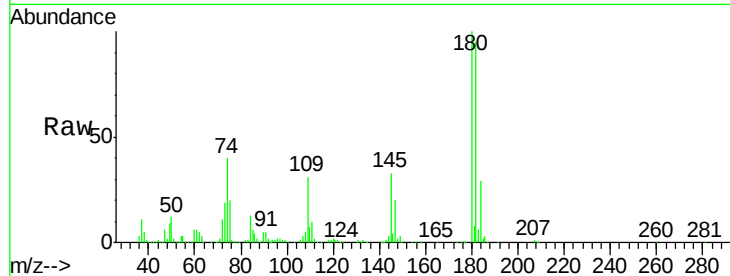




#93
 1,2,4-Trichlorobenzene
 Concen: 56.011 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

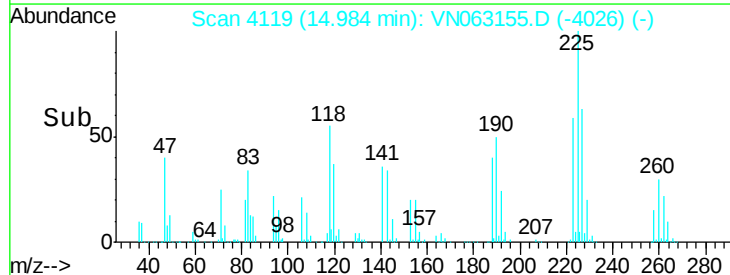
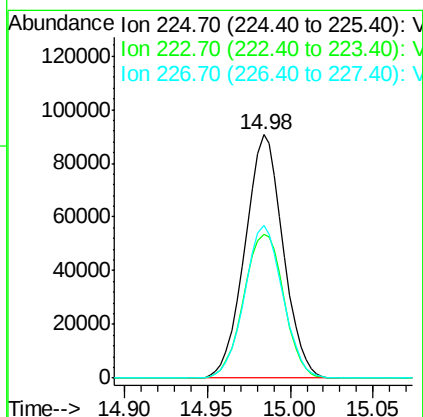
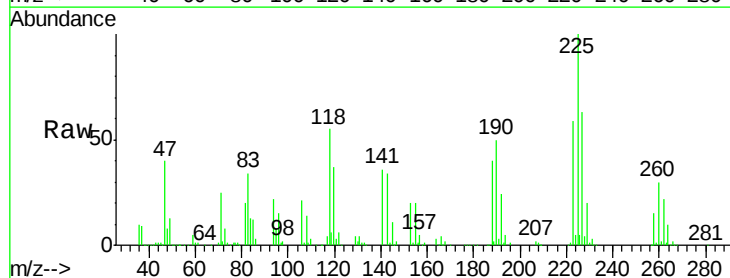
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

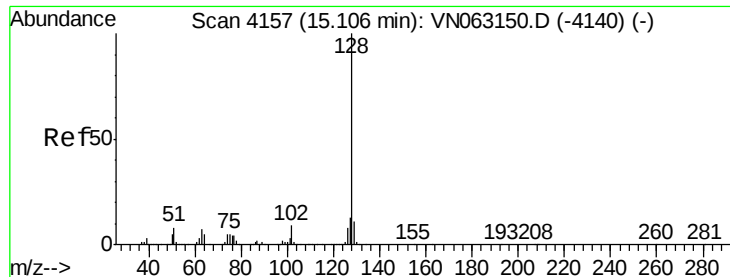
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.5	142.5
145	32.3	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 54.597 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	30.9	92.7
227	63.2	32.9	98.7





#95

Naphthalene

Concen: 53.055 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

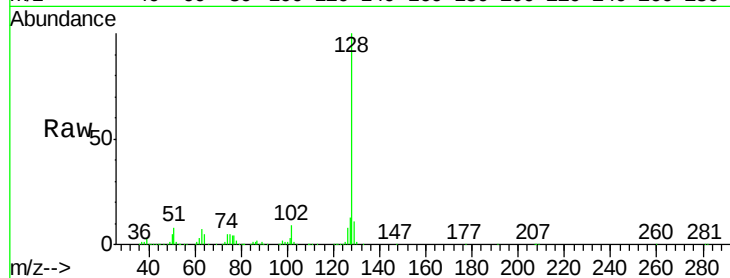
Tot Ion:128 Resp: 1253915

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

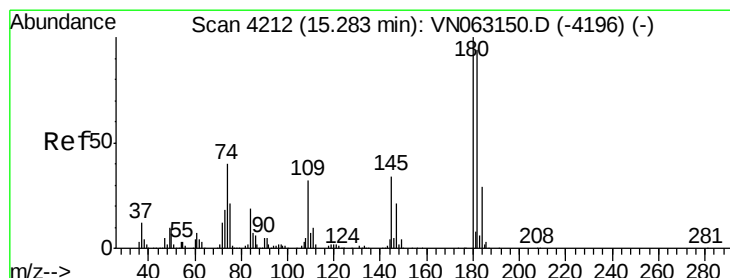
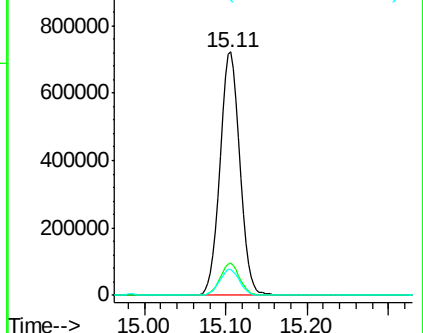
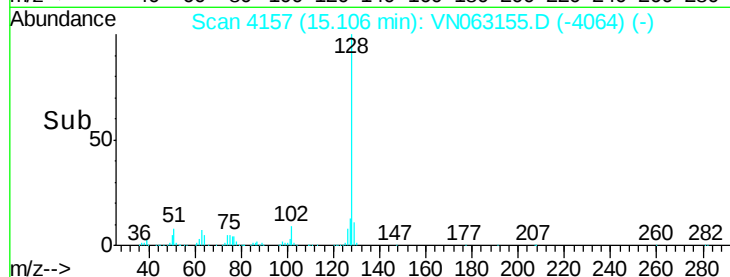
129 10.7 8.6 13.0



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: 53.453 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

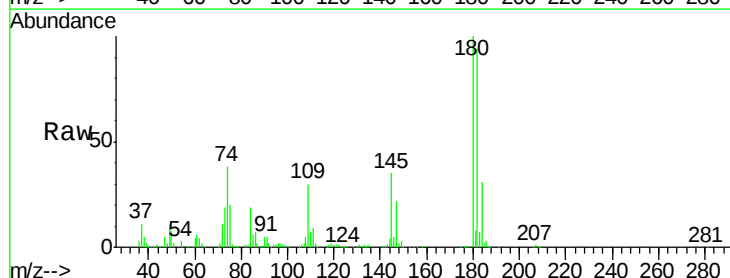
Tgt Ion:180 Resp: 368911

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.5

145 34.5 17.3 52.0



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

