

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080520\
 Data File : VN062756.D
 Acq On : 5 Aug 2020 12:15
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 05 12:42:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 12:39:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	151777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	243434	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	227721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	116130	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	120579	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	7.55	113	80765	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.06	98	316657	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.38	95	121352	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	115416	60.471	ug/l 100
3) Chloromethane	2.03	50	100183	41.678	ug/l 100
4) Vinyl Chloride	2.15	62	98242	46.568	ug/l 100
5) Bromomethane	2.50	94	59439	59.316	ug/l 100
6) Chloroethane	2.65	64	62920	62.184	ug/l 100
7) Trichlorofluoromethane	2.97	101	167650	63.501	ug/l 100
8) Diethyl Ether	3.37	74	48704	42.898	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	69937	44.359	ug/l 100
10) Methyl Iodide	3.91	142	87512	44.093	ug/l 100
11) Tert butyl alcohol	4.75	59	104956	271.890	ug/l 100
12) 1,1-Dichloroethene	3.69	96	66332	41.982	ug/l 100
13) Acrolein	3.56	56	60386	180.676	ug/l 100
14) Allyl chloride	4.27	41	124583	37.264	ug/l 100
15) Acrylonitrile	4.93	53	247161	248.049	ug/l 100
16) Acetone	3.78	43	217544	244.951	ug/l 100
17) Carbon Disulfide	4.00	76	184404	36.081	ug/l 100
18) Methyl Acetate	4.28	43	111713	49.646	ug/l 100
19) Methyl tert-butyl Ether	4.99	73	302703	50.624	ug/l 100
20) Methylene Chloride	4.50	84	83782	40.430	ug/l 100
21) trans-1,2-Dichloroethene	4.99	96	72542	41.438	ug/l 100
22) Diisopropyl ether	5.91	45	290577	42.877	ug/l 100
23) Vinyl Acetate	5.84	43	1050169	193.648	ug/l 100
24) 1,1-Dichloroethane	5.80	63	159373	43.394	ug/l 100
25) 2-Butanone	6.79	43	331253	247.018	ug/l 100
26) 2,2-Dichloropropane	6.77	77	144512	47.009	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	87357	43.477	ug/l 100
28) Bromochloromethane	7.15	49	76523	42.693	ug/l 100
29) Tetrahydrofuran	7.17	42	219602	243.108	ug/l 100
30) Chloroform	7.33	83	169524	47.658	ug/l 100
31) Cyclohexane	7.61	56	146438	43.063	ug/l 100
32) 1,1,1-Trichloroethane	7.53	97	155994	51.766	ug/l 100
36) 1,1-Dichloropropene	7.75	75	117130	45.888	ug/l 100
37) Ethyl Acetate	6.89	43	123549	45.281	ug/l 100
38) Carbon Tetrachloride	7.73	117	132869	52.896	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	141468	50.640	ug/l	100
40) Benzene	8.00	78	339021	44.172	ug/l	100
41) Methacrylonitrile	7.17	41	199883	165.031	ug/l #	35
42) 1,2-Dichloroethane	8.09	62	147678	51.267	ug/l	100
43) Isopropyl Acetate	8.13	43	205120	46.569	ug/l	100
44) Trichloroethene	8.80	130	81919	46.851	ug/l	100
45) 1,2-Dichloropropane	9.09	63	95233	44.216	ug/l	100
46) Dibromomethane	9.18	93	62160	49.104	ug/l	100
47) Bromodichloromethane	9.37	83	142595	51.389	ug/l	100
48) Methyl methacrylate	9.17	41	102916	48.707	ug/l	100
49) 1,4-Dioxane	9.17	88	39932	1181.029	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	693232	258.420	ug/l	100
52) Toluene	10.13	92	218139	48.430	ug/l	100
53) t-1,3-Dichloropropene	10.36	75	157829	51.458	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	155567	47.947	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	89506	50.699	ug/l	100
56) Ethyl methacrylate	10.40	69	150850	53.565	ug/l	100
57) 1,3-Dichloropropane	10.68	76	159592	49.603	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	201737	254.119	ug/l	100
59) 2-Hexanone	10.72	43	528820	275.745	ug/l	100
60) Dibromochloromethane	10.88	129	107496	54.085	ug/l	100
61) 1,2-Dibromoethane	10.98	107	91724	50.050	ug/l	100
64) Tetrachloroethene	10.60	164	71628	48.465	ug/l	100
65) Chlorobenzene	11.41	112	235914	49.529	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	96372	52.966	ug/l	100
67) Ethyl Benzene	11.49	91	438193	50.208	ug/l	100
68) m/p-Xylenes	11.60	106	324008	103.029	ug/l	100
69) o-Xylene	11.92	106	155735	52.052	ug/l	100
70) Styrene	11.94	104	276263	54.446	ug/l	100
71) Bromoform	12.10	173	79947	57.829	ug/l #	100
73) Isopropylbenzene	12.23	105	444118	48.573	ug/l	100
74) N-amyl acetate	12.05	43	191533	47.975	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	145625	45.993	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	200800	67.617	ug/l #	100
77) Bromobenzene	12.50	156	104167	47.319	ug/l	100
78) n-propylbenzene	12.57	91	521283	48.768	ug/l	100
79) 2-Chlorotoluene	12.65	91	319316	48.353	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	393439	51.639	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	53397	50.277	ug/l	100
82) 4-Chlorotoluene	12.75	91	332005	48.266	ug/l	100
83) tert-Butylbenzene	12.97	119	327763	51.722	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	385033	51.492	ug/l	100
85) sec-Butylbenzene	13.15	105	432780	51.035	ug/l	100
86) p-Isopropyltoluene	13.26	119	394087	53.718	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	194942	50.071	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	189584	49.655	ug/l	100
89) n-Butylbenzene	13.59	91	325167	51.788	ug/l	100
90) Hexachloroethane	13.85	117	77208	49.412	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	184459	49.849	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	34052	57.082	ug/l	100

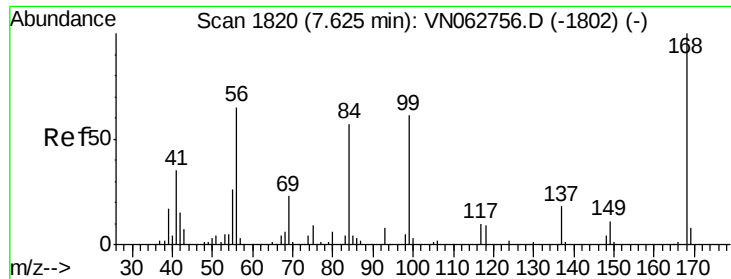
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	88934	51.843	ug/l	100
94) Hexachlorobutadiene	14.98	225	59700	52.829	ug/l	100
95) Naphthalene	15.10	128	240070	50.734	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	90204	51.589	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

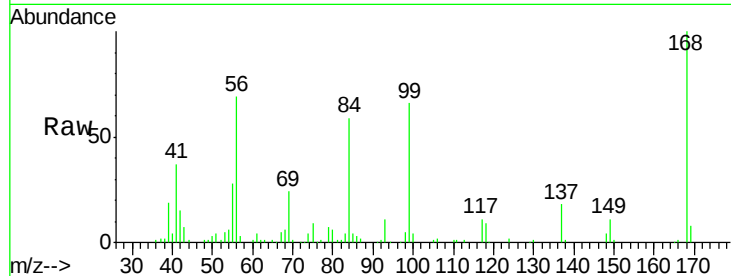
VSTDICCC050

Tgt Ion:168 Resp: 151777

Ion Ratio Lower Upper

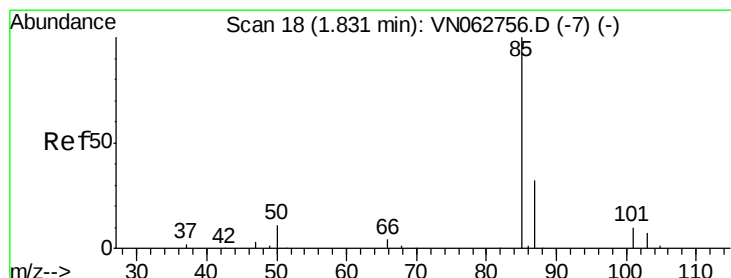
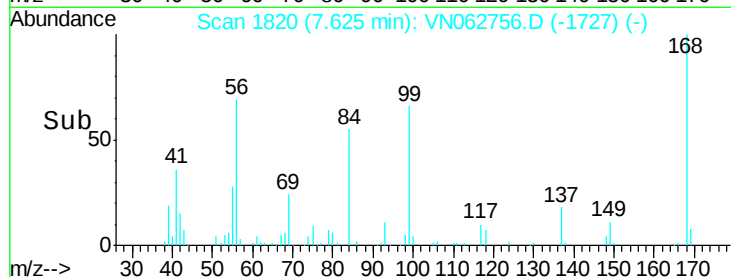
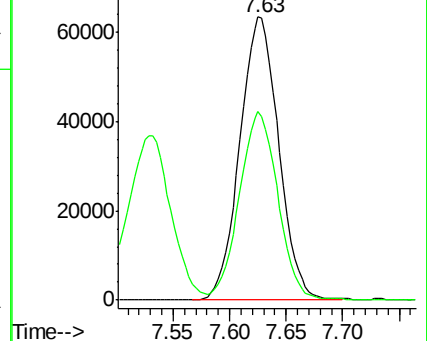
168 100

99 66.1 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 60.471 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062756.D

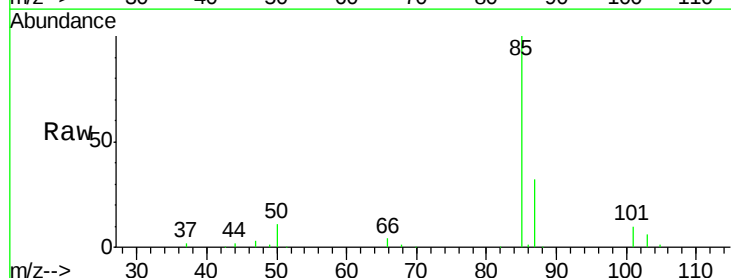
Acq: 5 Aug 2020 12:15

Tgt Ion: 85 Resp: 115416

Ion Ratio Lower Upper

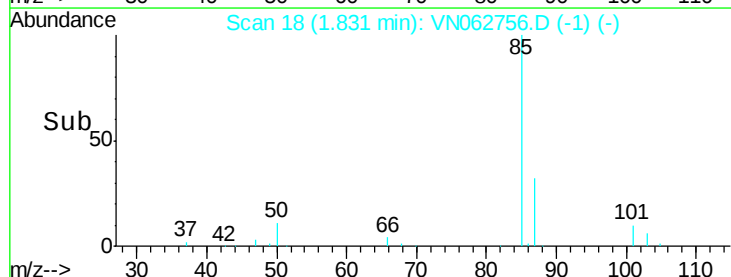
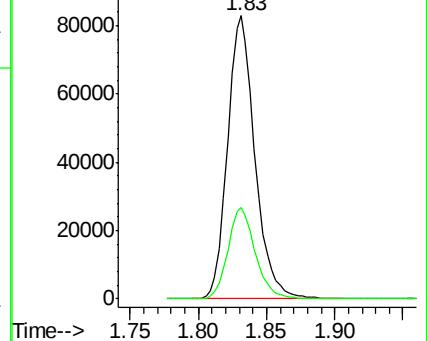
85 100

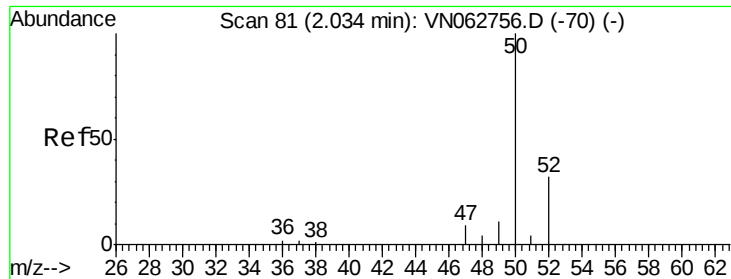
87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 41.678 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

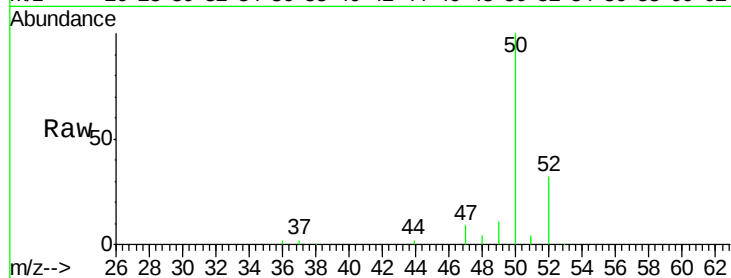
VSTDICCC050

Tgt Ion: 50 Resp: 100183

Ion Ratio Lower Upper

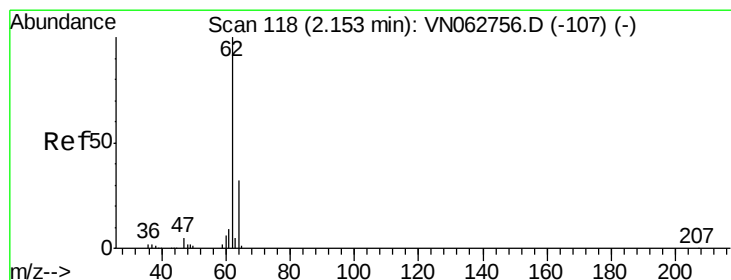
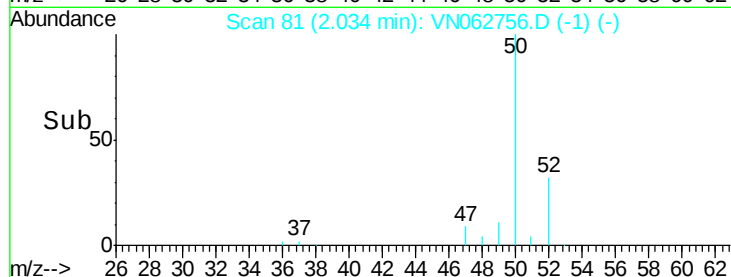
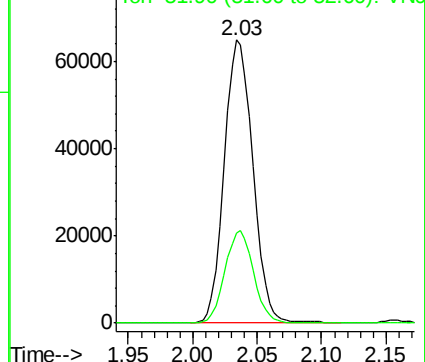
50 100

52 32.0 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 46.568 ug/l

RT: 2.15 min Scan# 118

Delta R.T. 0.00 min

Lab File: VN062756.D

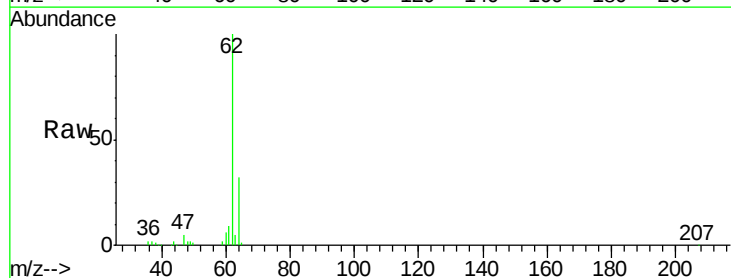
Acq: 5 Aug 2020 12:15

Tgt Ion: 62 Resp: 98242

Ion Ratio Lower Upper

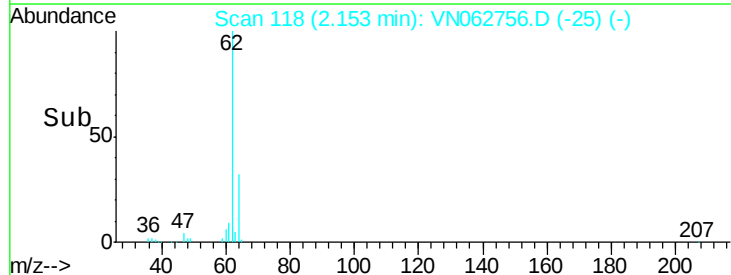
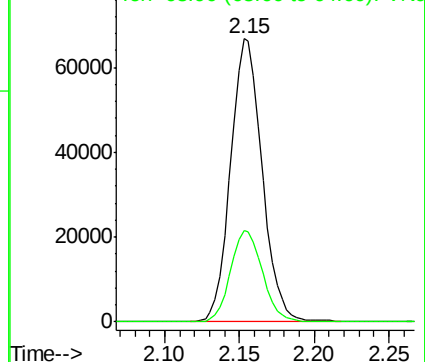
62 100

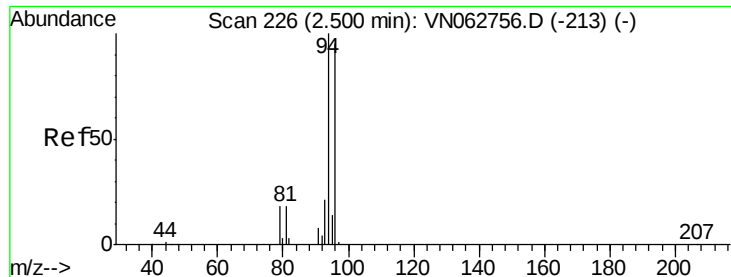
64 32.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 59.316 ug/l

RT: 2.50 min Scan# 226

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

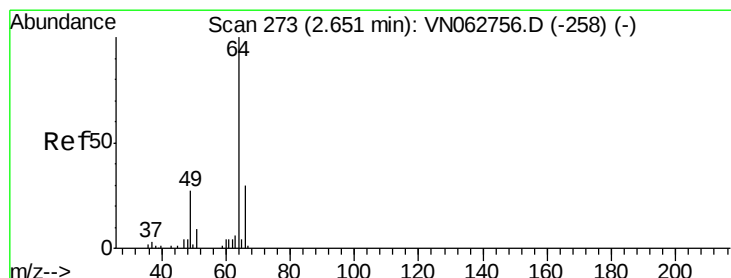
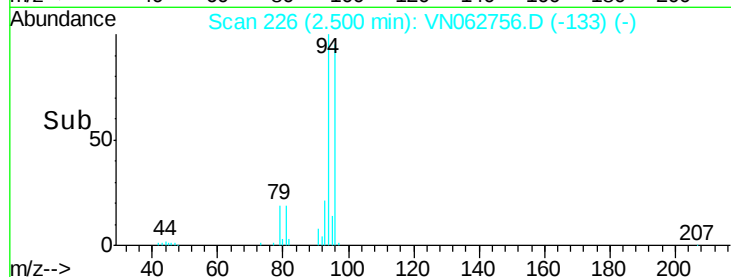
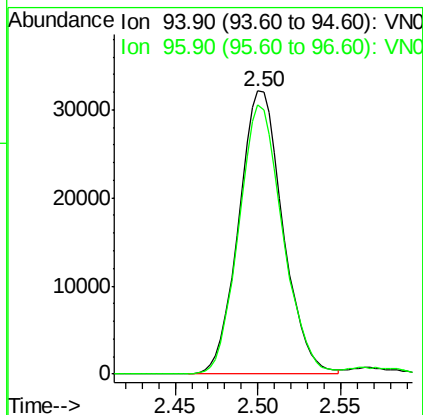
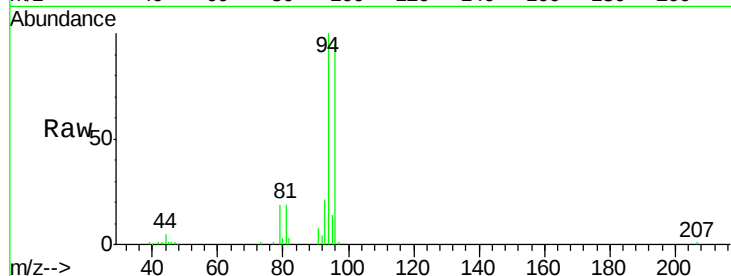
VSTDICCC050

Tgt Ion: 94 Resp: 59439

Ion Ratio Lower Upper

94 100

96 95.3 76.2 114.4



#6

Chloroethane

Concen: 62.184 ug/l

RT: 2.65 min Scan# 273

Delta R.T. 0.00 min

Lab File: VN062756.D

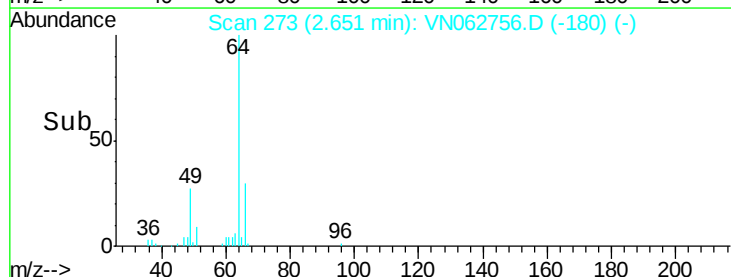
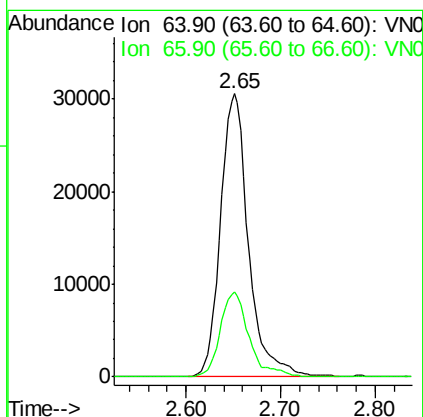
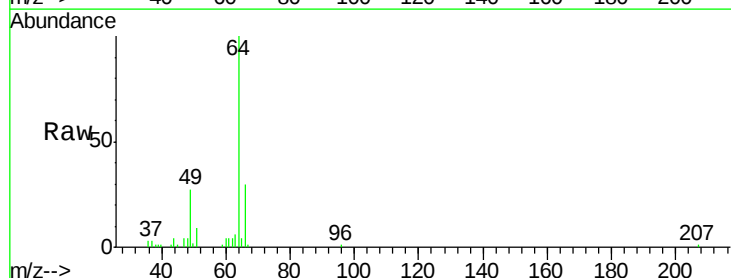
Acq: 5 Aug 2020 12:15

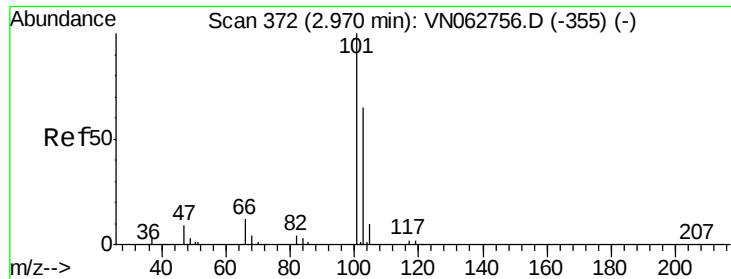
Tgt Ion: 64 Resp: 62920

Ion Ratio Lower Upper

64 100

66 30.0 24.0 36.0



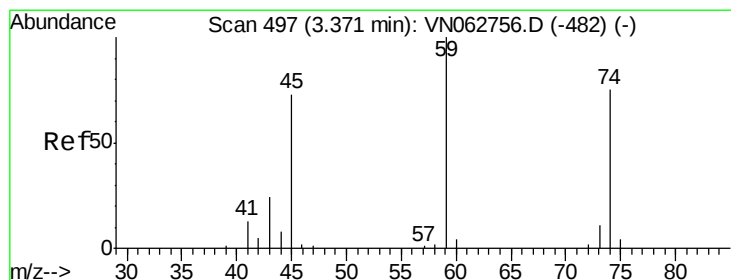
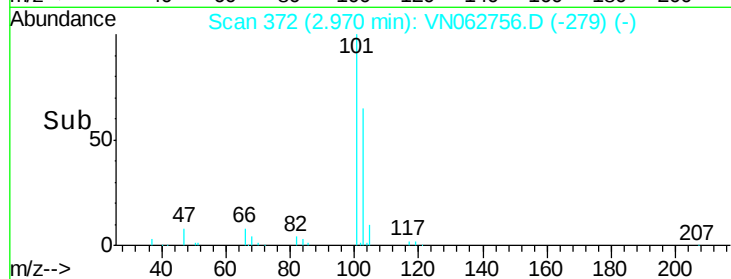
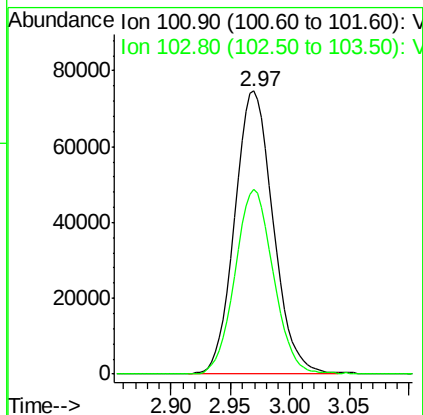
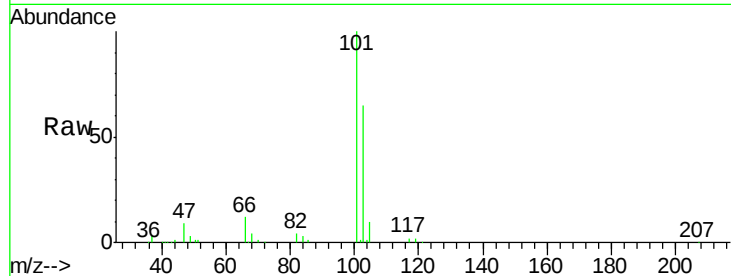


#7

Trichlorofluoromethane
 Concen: 63.501 ug/l
 RT: 2.97 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

Instrument :
 MSVOA_N
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 VSTDICCC050

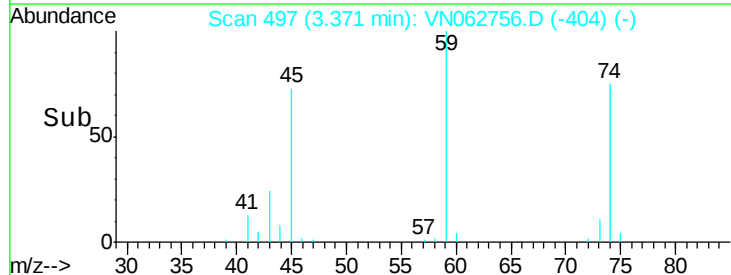
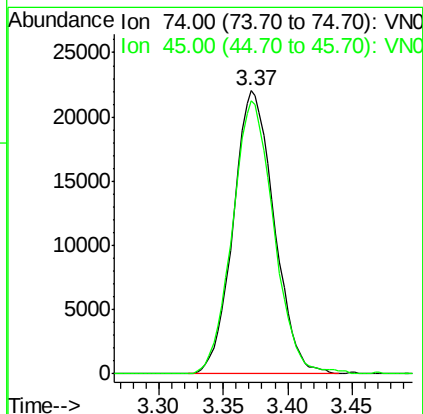
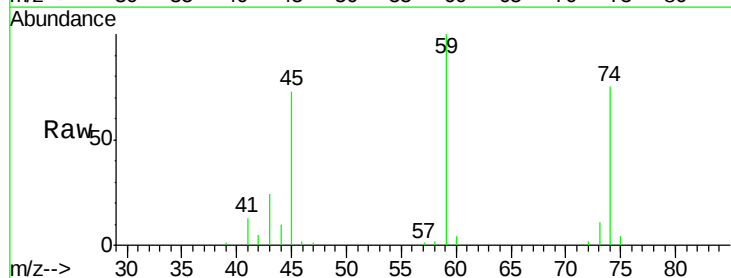
Tgt Ion:101 Resp: 167650
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.3 78.5

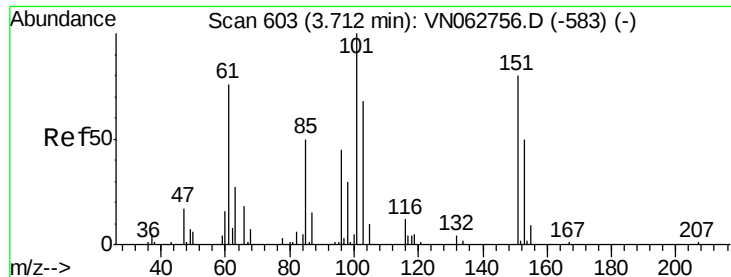


#8

Diethyl Ether
 Concen: 42.898 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

Tgt Ion: 74 Resp: 48704
 Ion Ratio Lower Upper
 74 100
 45 97.4 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.359 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

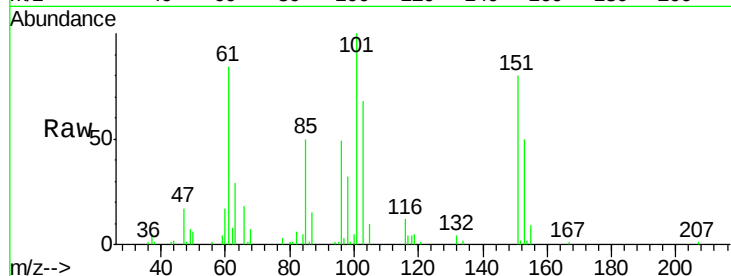
Tgt Ion:101 Resp: 69937

Ion Ratio Lower Upper

101 100

85 48.1 38.5 57.7

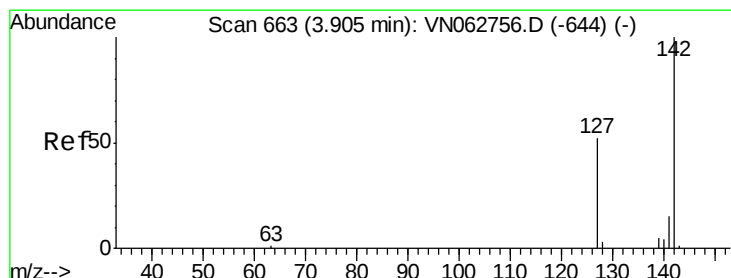
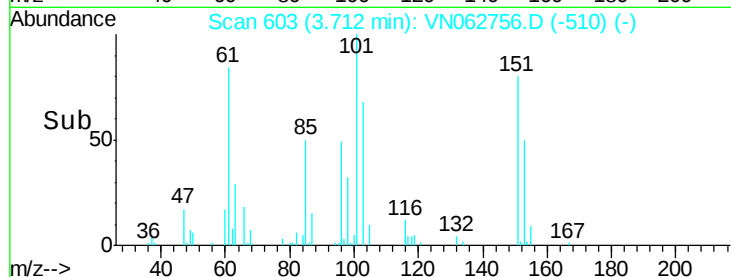
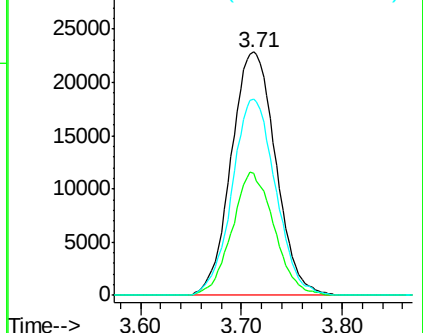
151 78.8 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.093 ug/l

RT: 3.91 min Scan# 663

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

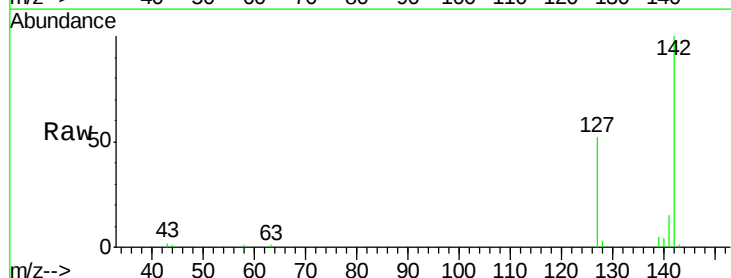
Tgt Ion:142 Resp: 87512

Ion Ratio Lower Upper

142 100

127 51.7 41.4 62.0

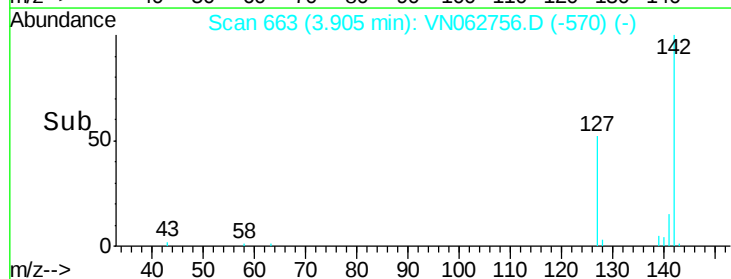
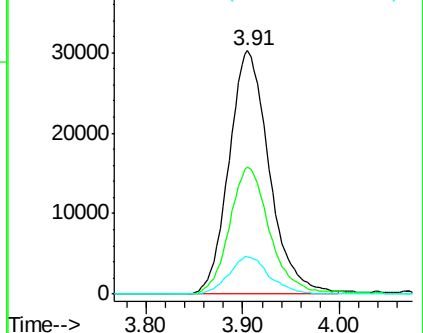
141 15.3 12.2 18.4

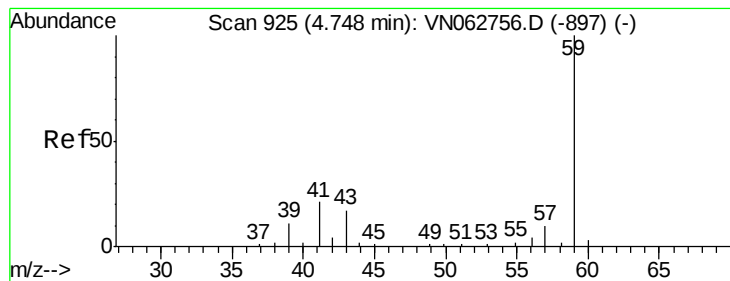


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



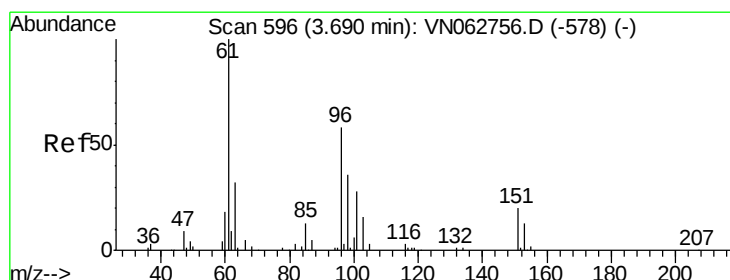
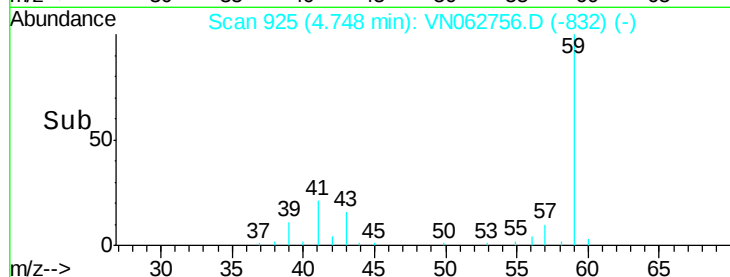
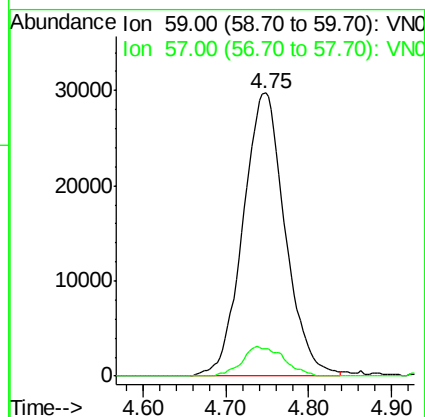
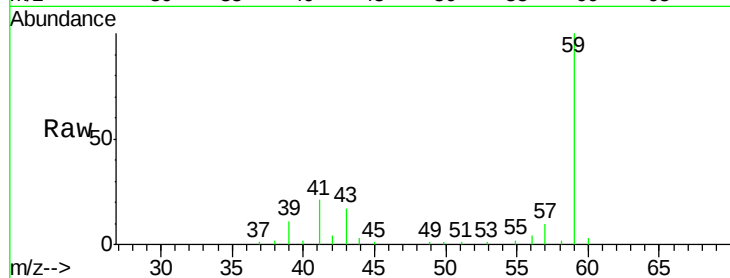


#11

Tert butyl alcohol
 Concen: 271.890 ug/l
 RT: 4.75 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

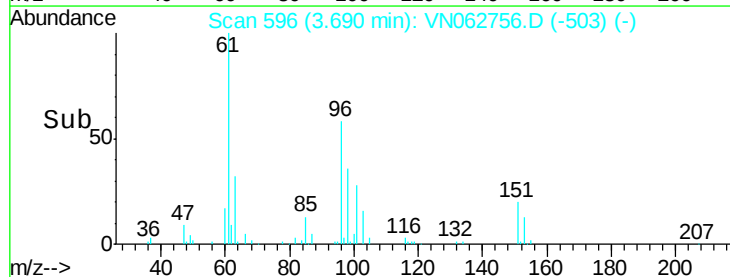
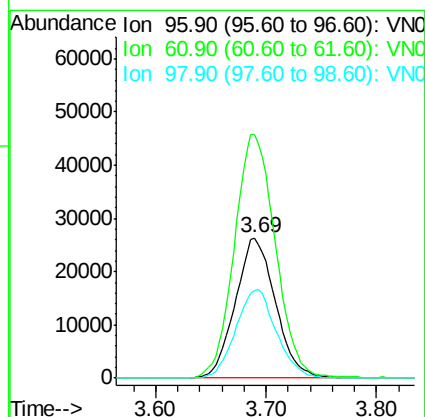
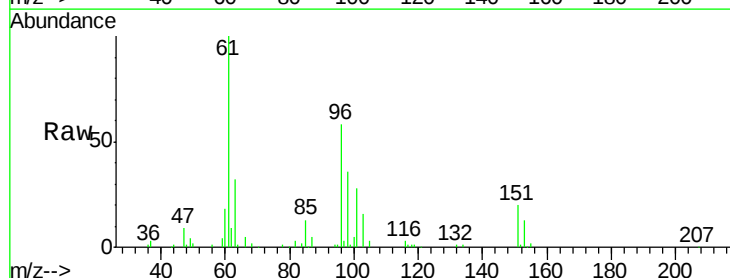
Tgt Ion: 59 Resp: 104956
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

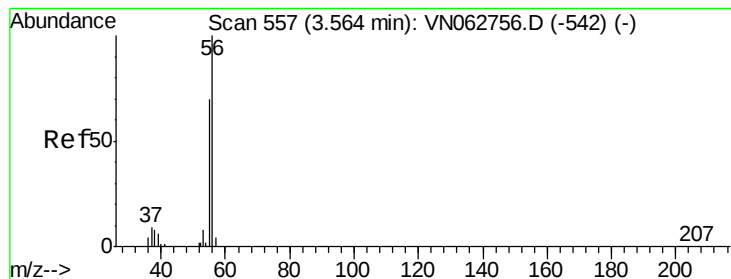


#12

1,1-Dichloroethene
 Concen: 41.982 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

Tgt Ion: 96 Resp: 66332
 Ion Ratio Lower Upper
 96 100
 61 173.8 139.0 208.6
 98 62.8 50.2 75.4





#13

Acrolein

Concen: 180.676 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampled :

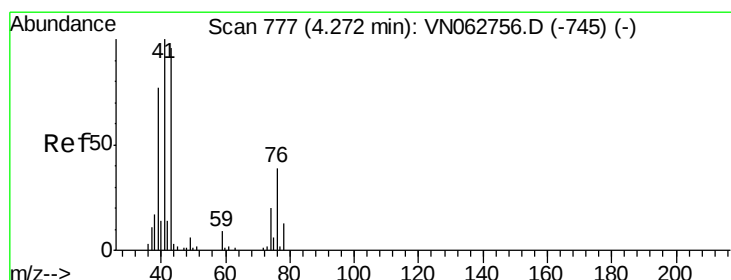
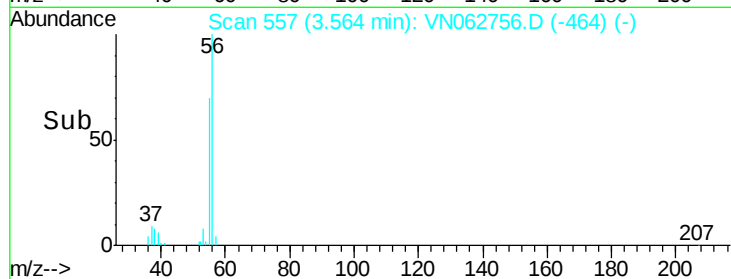
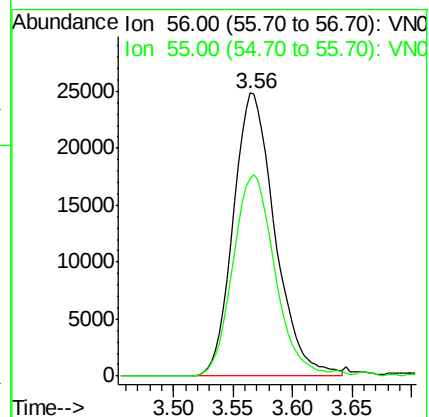
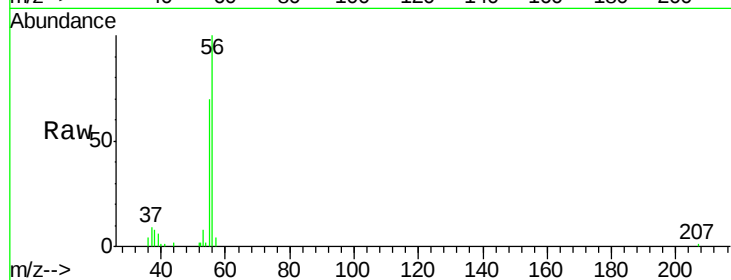
VSTDICCC050

Tgt Ion: 56 Resp: 60386

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.6



#14

Allyl chloride

Concen: 37.264 ug/l

RT: 4.27 min Scan# 777

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

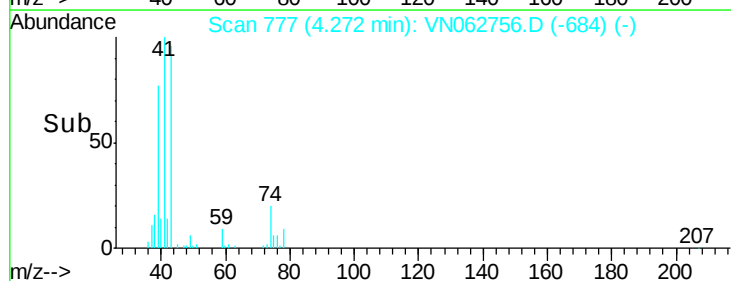
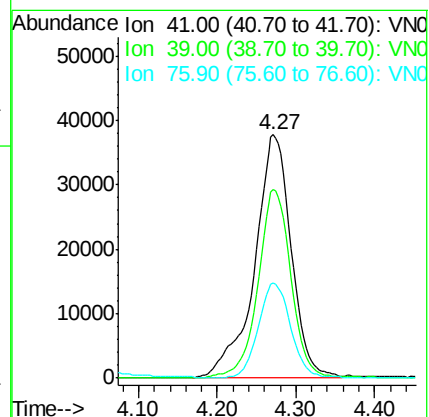
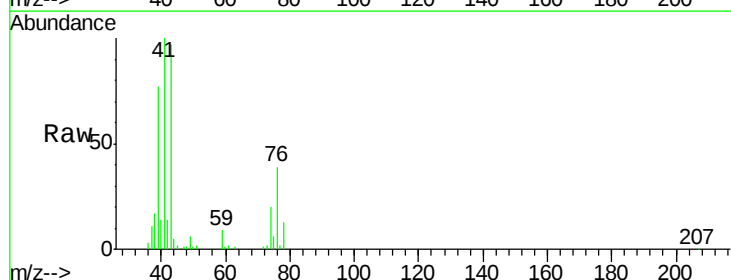
Tgt Ion: 41 Resp: 124583

Ion Ratio Lower Upper

41 100

39 69.6 55.7 83.5

76 34.4 27.5 41.3





#15

Acrylonitrile

Concen: 248.049 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

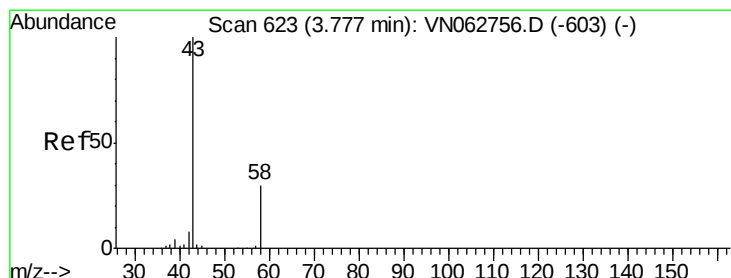
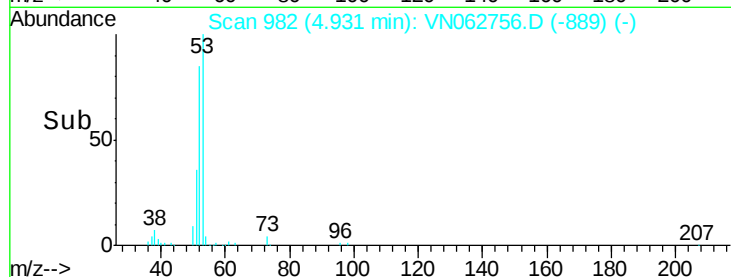
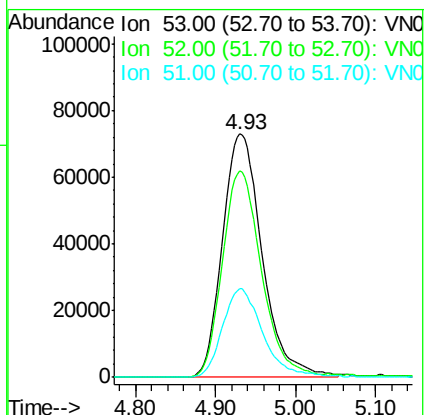
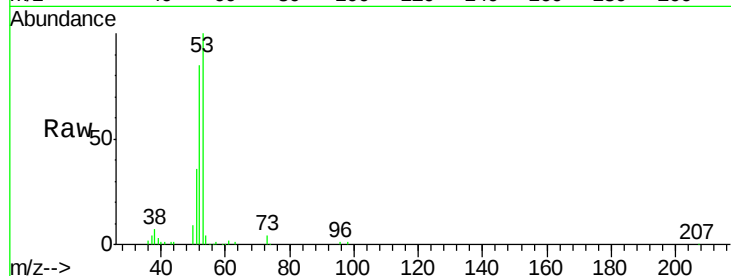
Tgt Ion: 53 Resp: 247161

Ion Ratio Lower Upper

53 100

52 83.5 66.8 100.2

51 36.9 29.5 44.3



#16

Acetone

Concen: 244.951 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062756.D

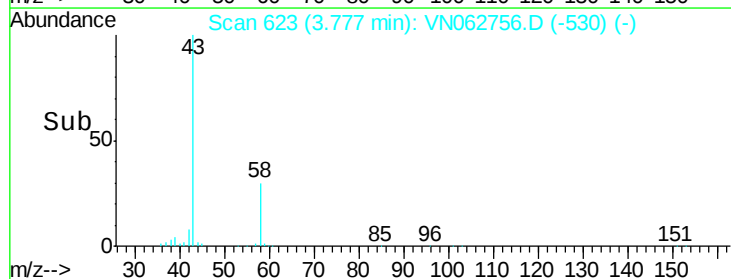
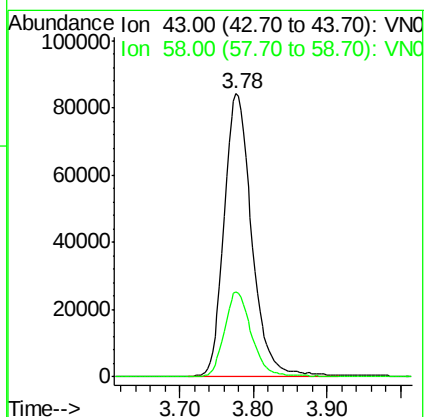
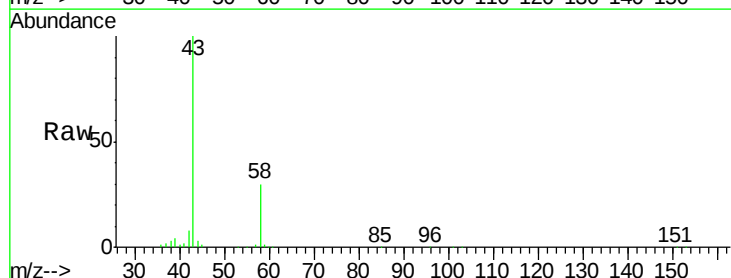
Acq: 5 Aug 2020 12:15

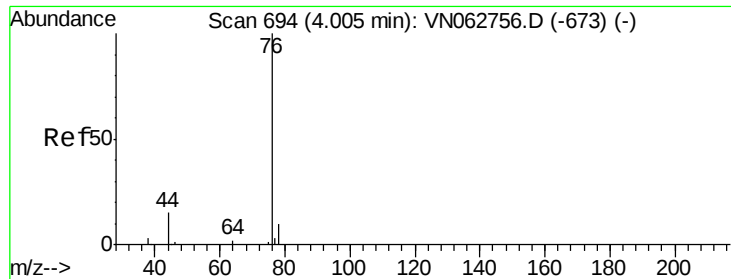
Tgt Ion: 43 Resp: 217544

Ion Ratio Lower Upper

43 100

58 30.1 24.1 36.1

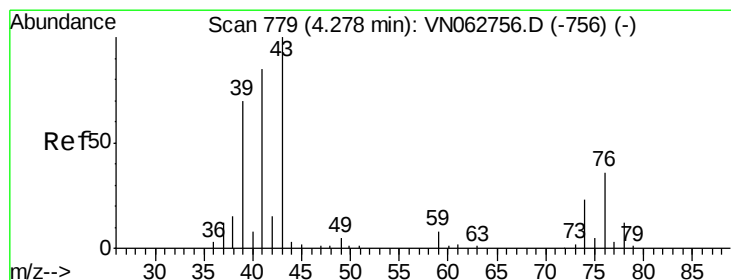
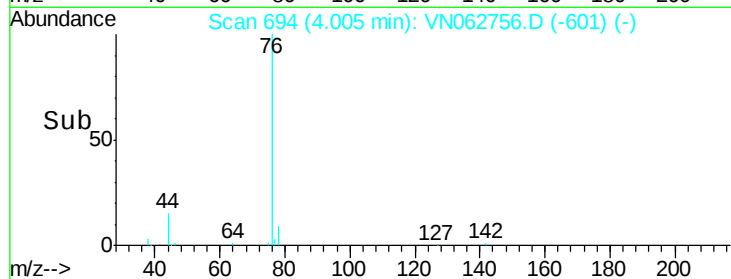
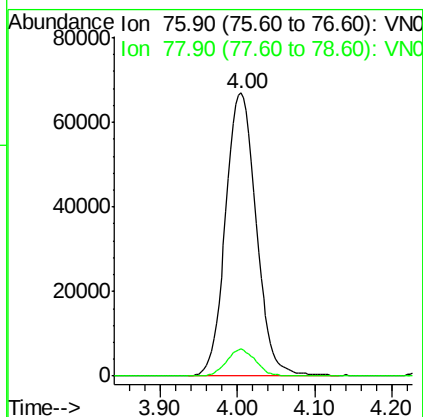
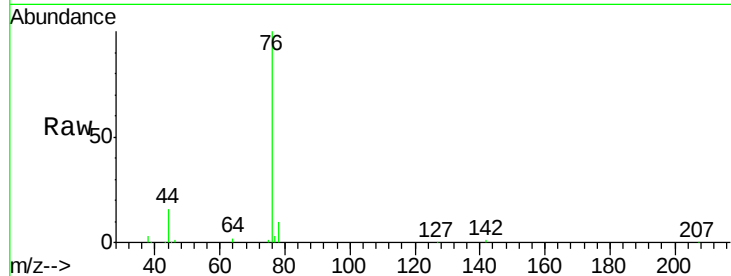




#17
Carbon Disulfide
Concen: 36.081 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

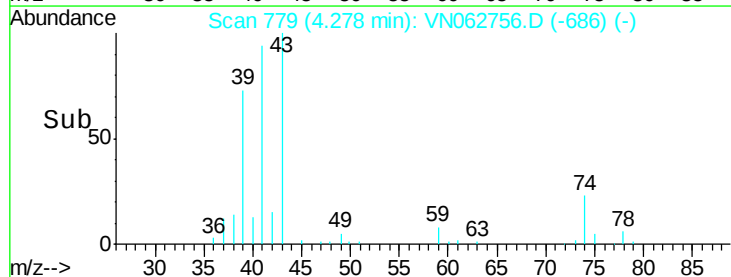
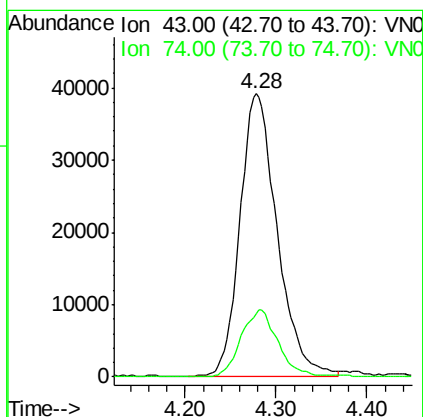
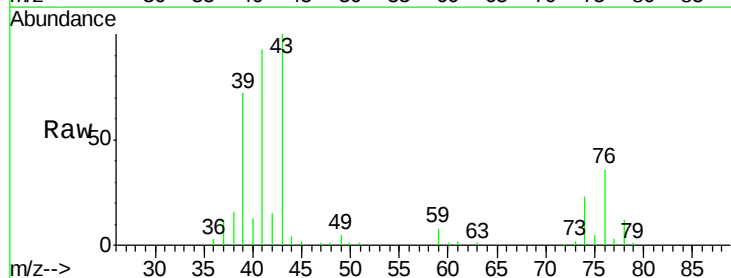
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

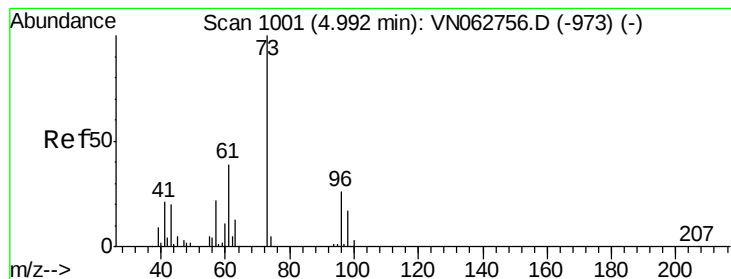
Tgt Ion: 76 Resp: 184404
Ion Ratio Lower Upper
76 100
78 9.6 7.7 11.5



#18
Methyl Acetate
Concen: 49.646 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

Tgt Ion: 43 Resp: 111713
Ion Ratio Lower Upper
43 100
74 23.3 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 50.624 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

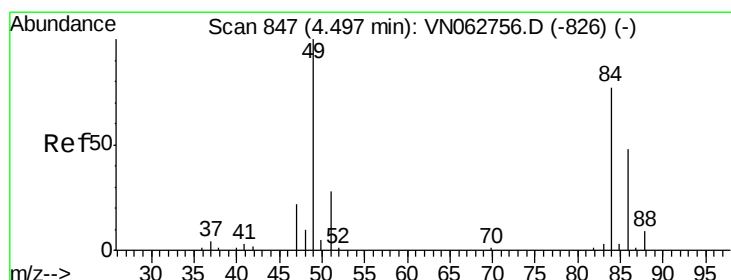
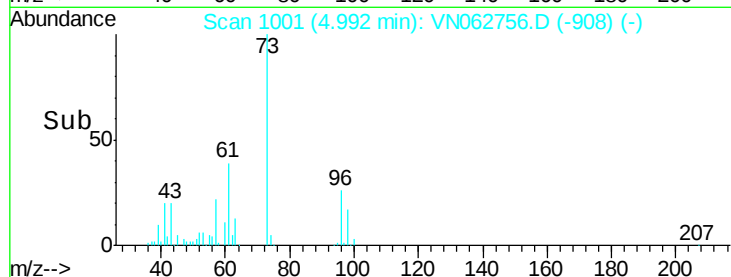
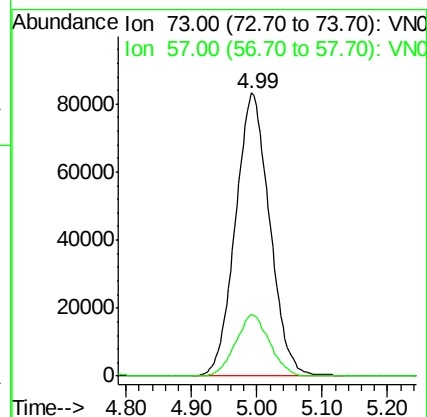
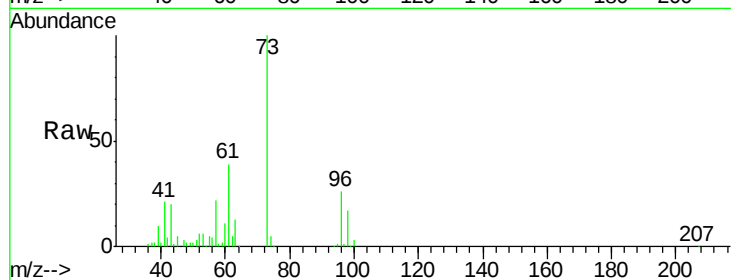
VSTDICCC050

Tgt Ion: 73 Resp: 302703

Ion Ratio Lower Upper

73 100

57 21.9 17.5 26.3



#20

Methylene Chloride

Concen: 40.430 ug/l

RT: 4.50 min Scan# 847

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Tgt Ion: 84 Resp: 83782

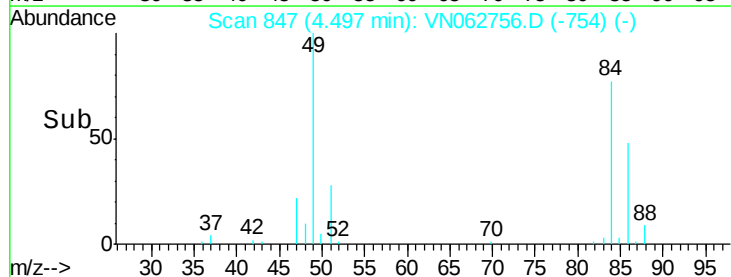
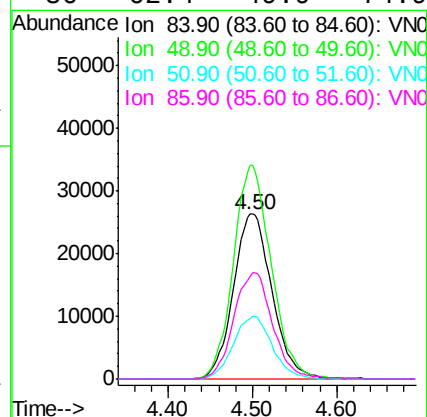
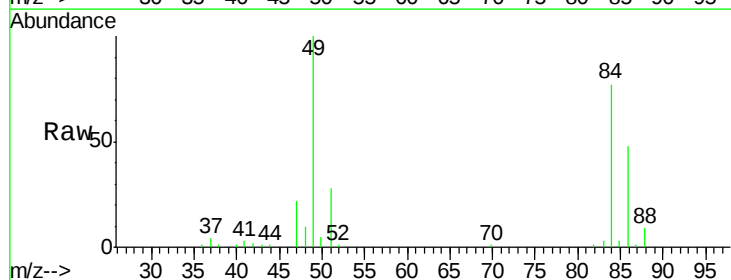
Ion Ratio Lower Upper

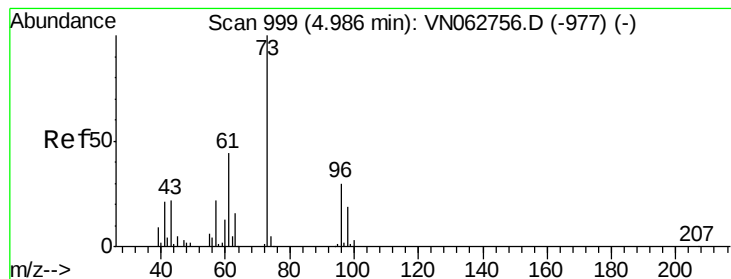
84 100

49 129.3 103.4 155.2

51 36.6 29.3 43.9

86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 41.438 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

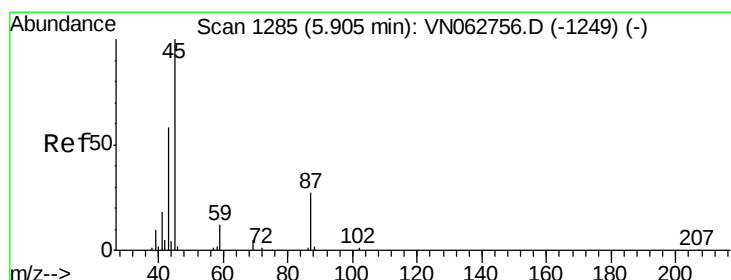
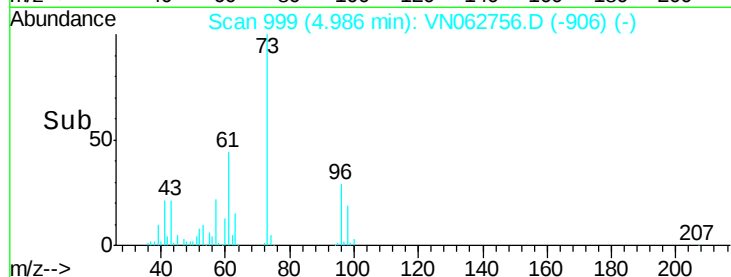
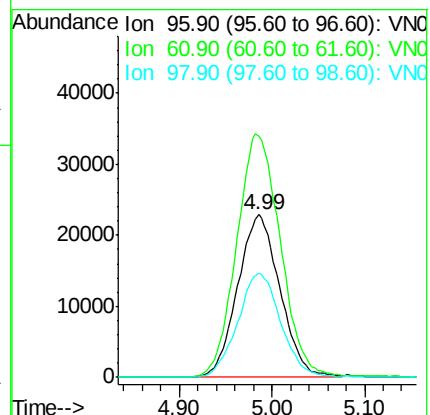
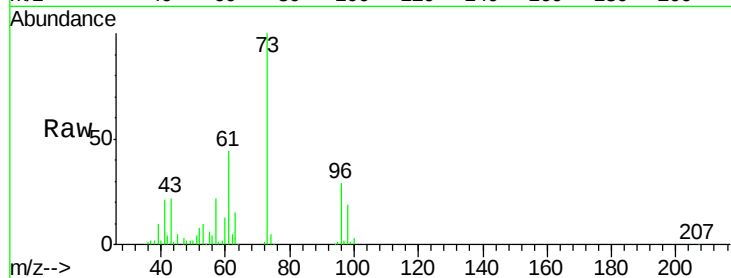
Tgt Ion: 96 Resp: 72542

Ion Ratio Lower Upper

96 100

61 148.5 118.8 178.2

98 63.7 51.0 76.4



#22

Diisopropyl ether

Concen: 42.877 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Tgt Ion: 45 Resp: 290577

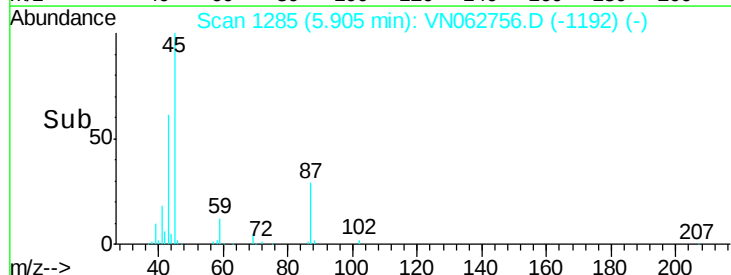
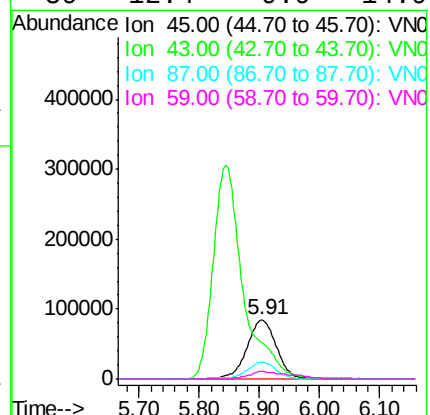
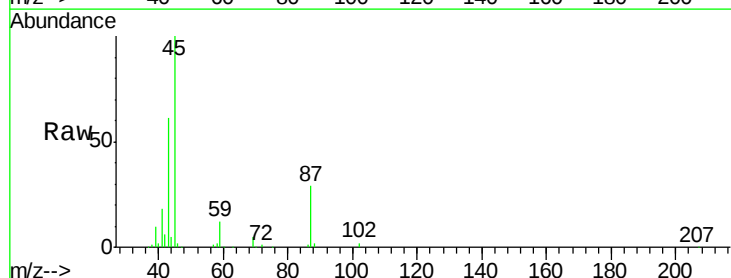
Ion Ratio Lower Upper

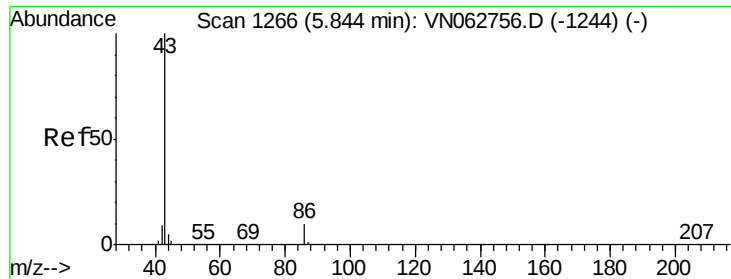
45 100

43 59.3 47.4 71.2

87 28.5 22.8 34.2

59 12.4 9.9 14.9





#23

Vinyl Acetate

Concen: 193.648 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

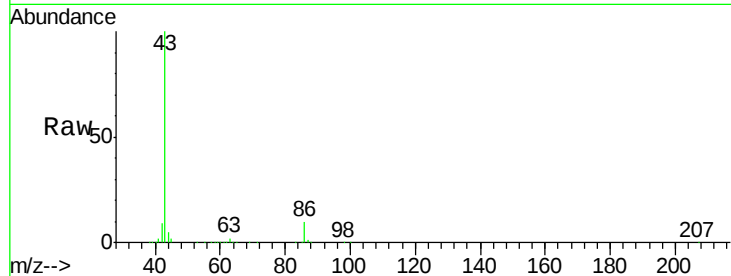
VSTDICCC050

Tgt Ion: 43 Resp: 1050169

Ion Ratio Lower Upper

43 100

86 9.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1244) (-)

Ion 86.00 (85.70 to 86.70): VN062756.D (-1244) (-)

5.84

300000

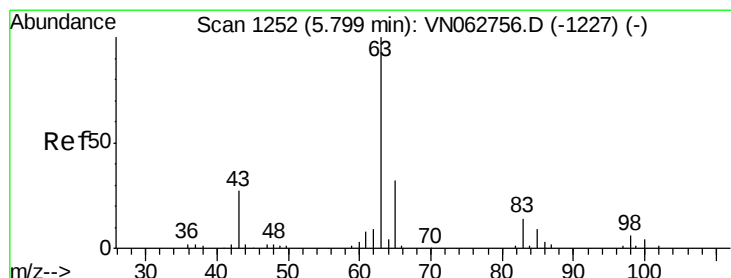
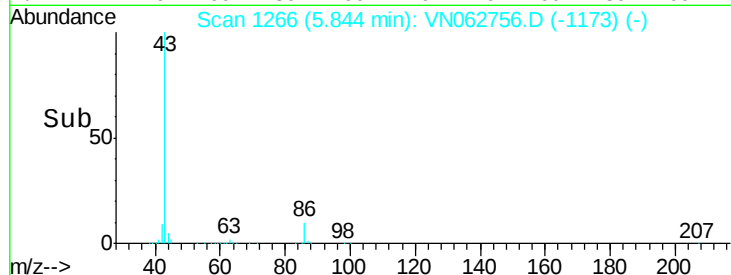
200000

100000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 43.394 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

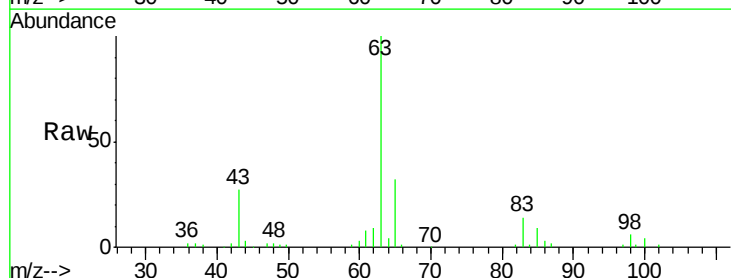
Tgt Ion: 63 Resp: 159373

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.8 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN062756.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN062756.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN062756.D (-1227) (-)

5.80

60000

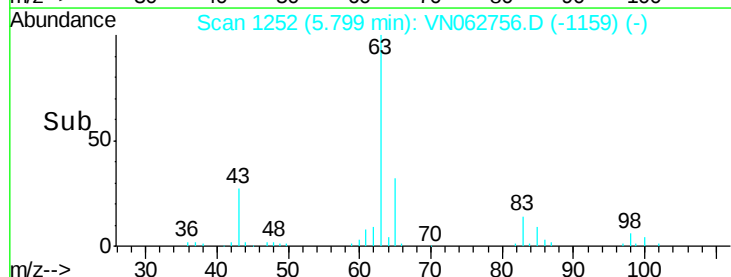
40000

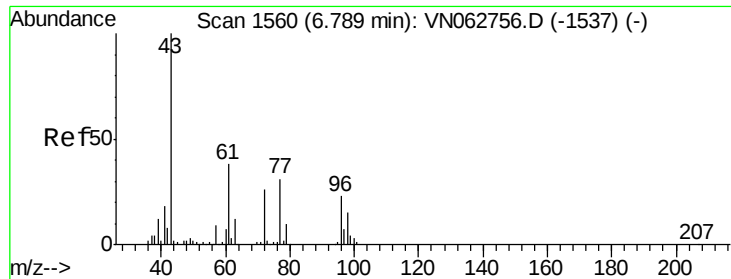
20000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 247.018 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampled :

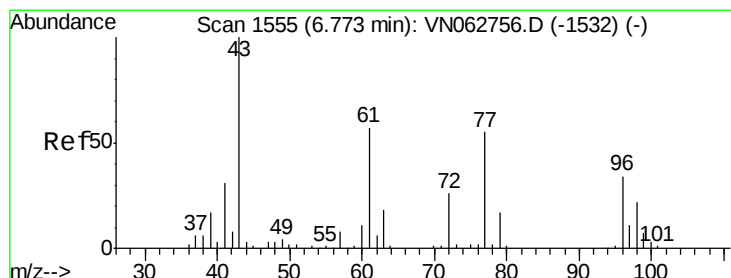
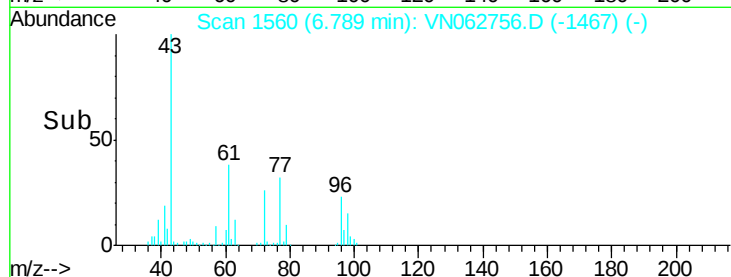
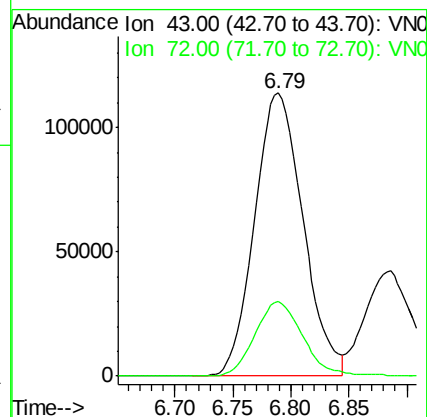
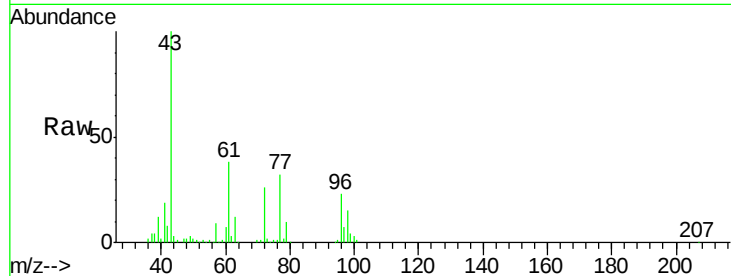
VSTDICCC050

Tgt Ion: 43 Resp: 331253

Ion Ratio Lower Upper

43 100

72 26.4 21.1 31.7



#26

2,2-Dichloropropane

Concen: 47.009 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. 0.00 min

Lab File: VN062756.D

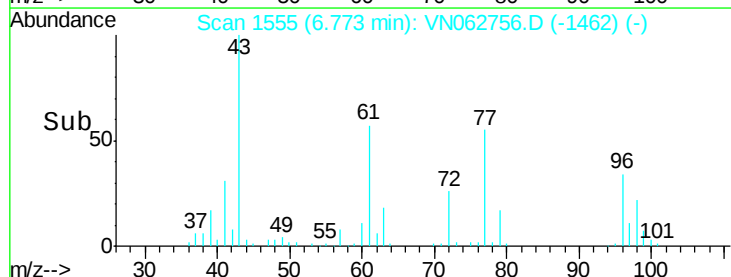
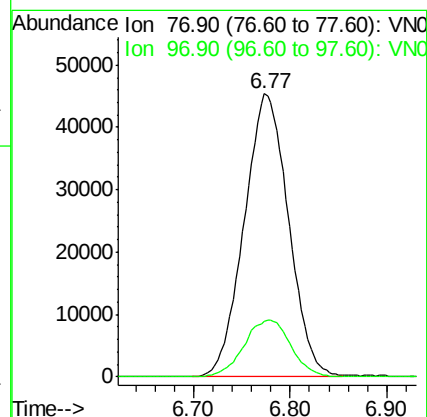
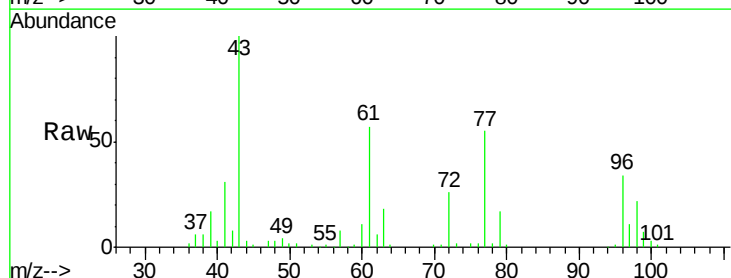
Acq: 5 Aug 2020 12:15

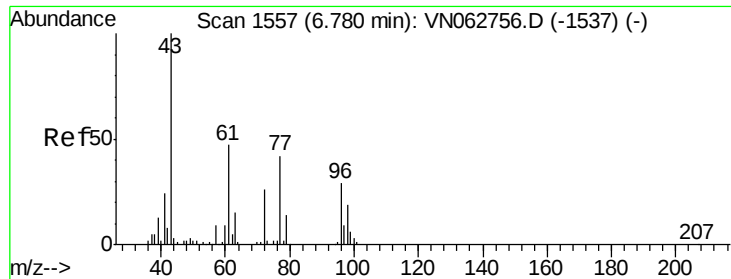
Tgt Ion: 77 Resp: 144512

Ion Ratio Lower Upper

77 100

97 21.1 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 43.477 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

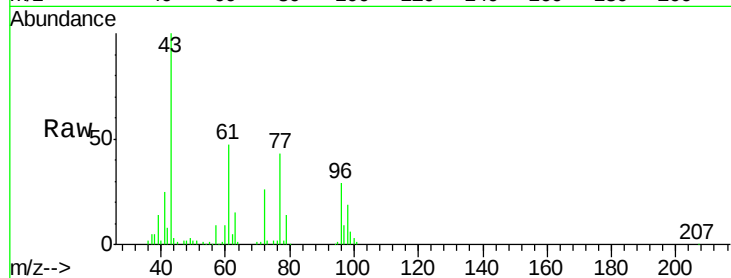
Tgt Ion: 96 Resp: 87357

Ion Ratio Lower Upper

96 100

61 166.1 0.0 332.2

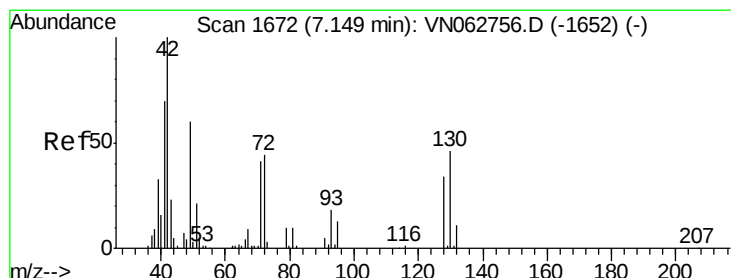
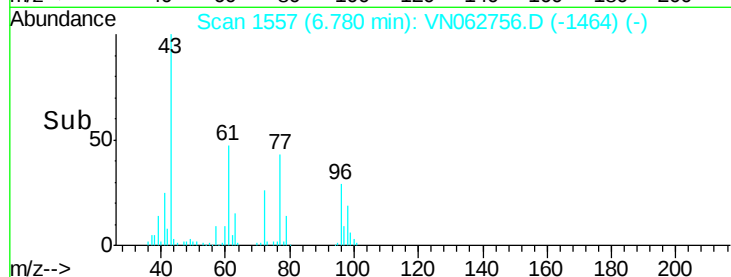
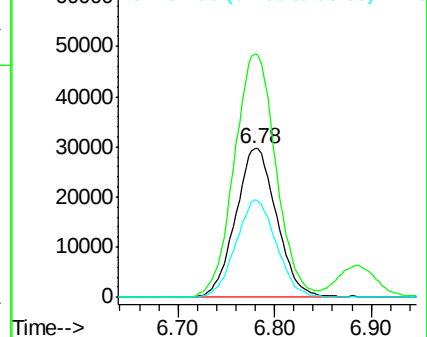
98 64.7 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062756.D (-1537) (-)

Ion 60.90 (60.60 to 61.60): VN062756.D (-1537) (-)

Ion 97.90 (97.60 to 98.60): VN062756.D (-1537) (-)



#28

Bromochloromethane

Concen: 42.693 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

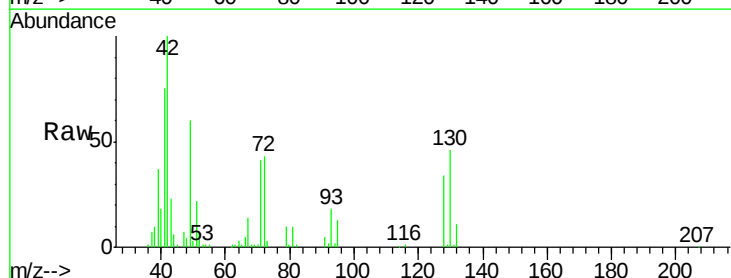
Tgt Ion: 49 Resp: 76523

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.2

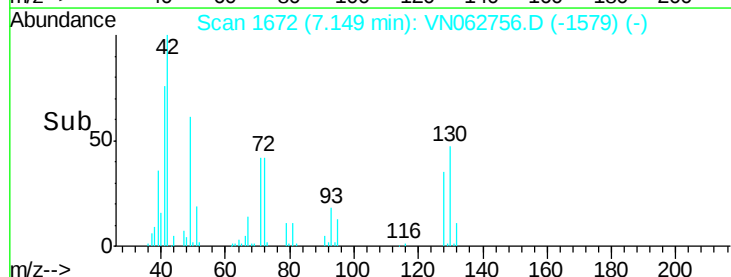
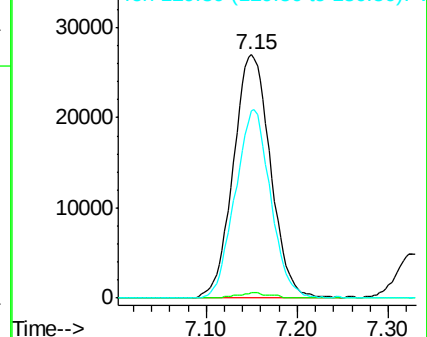
130 73.8 59.0 88.6

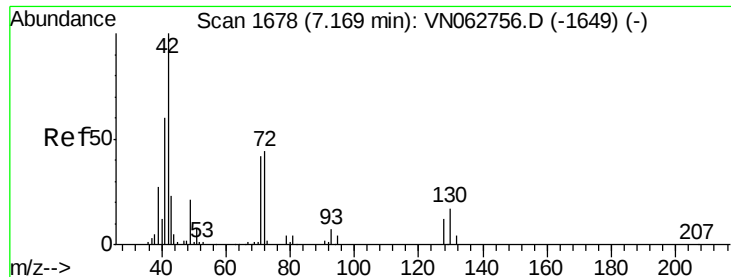


Abundance Ion 48.90 (48.60 to 49.60): VN062756.D (-1652) (-)

Ion 128.80 (128.50 to 129.50): VN062756.D (-1652) (-)

Ion 129.80 (129.50 to 130.50): VN062756.D (-1652) (-)

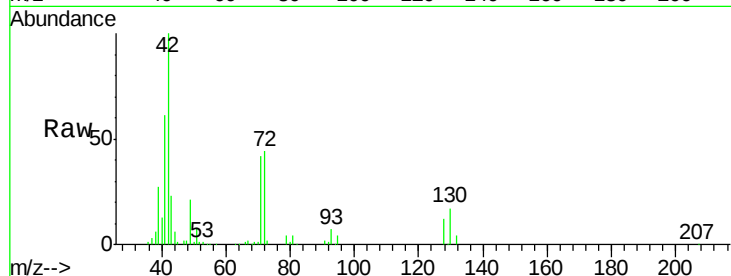




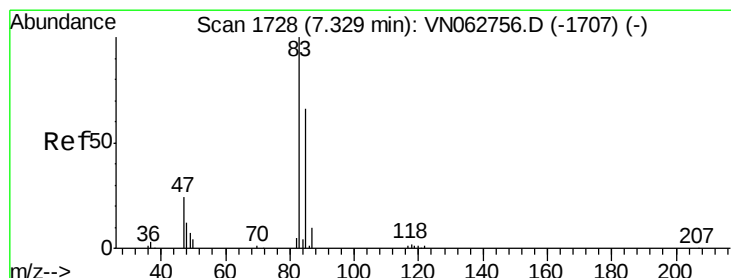
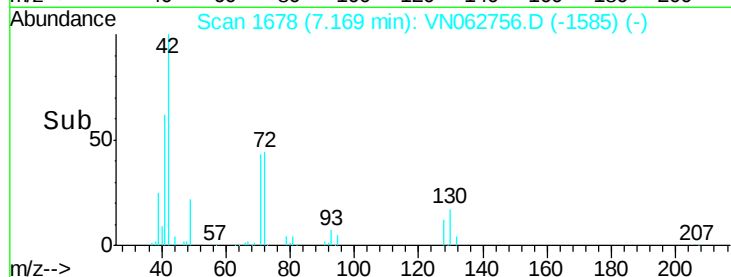
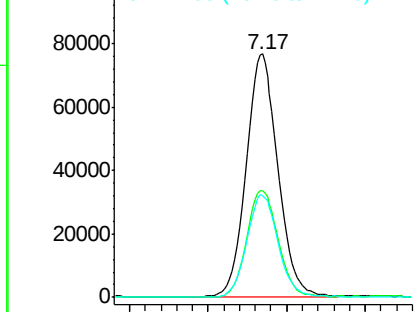
#29
Tetrahydrofuran
Concen: 243.108 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 219602
Ion Ratio Lower Upper
42 100
72 43.7 35.0 52.4
71 41.5 33.2 49.8

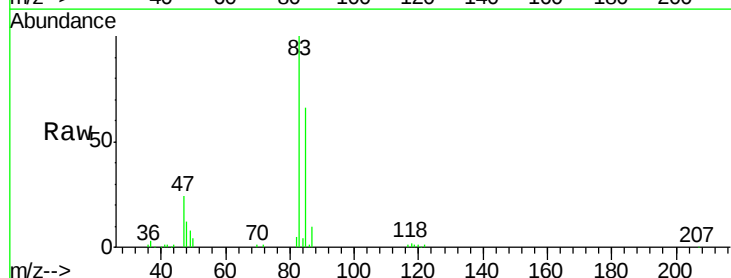


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

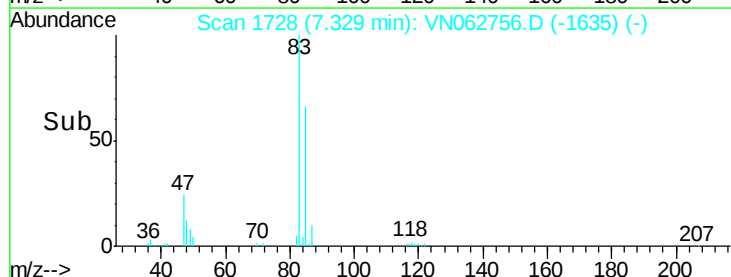
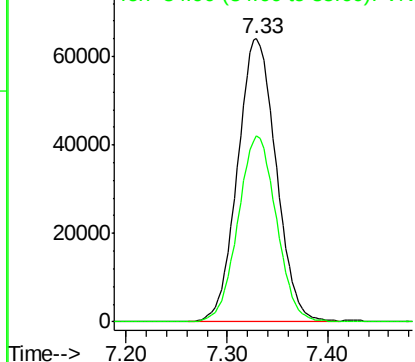


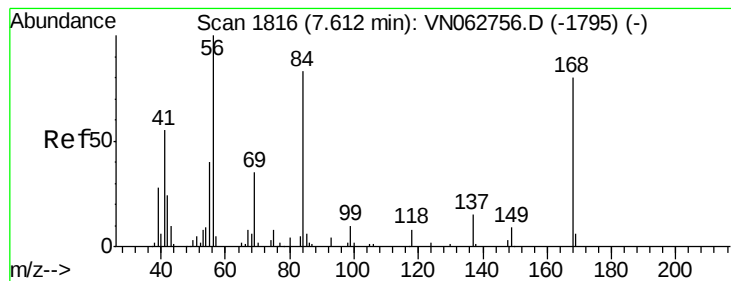
#30
Chloroform
Concen: 47.658 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

Tgt Ion: 83 Resp: 169524
Ion Ratio Lower Upper
83 100
85 65.9 52.7 79.1



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





#31

Cyclohexane

Concen: 43.063 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

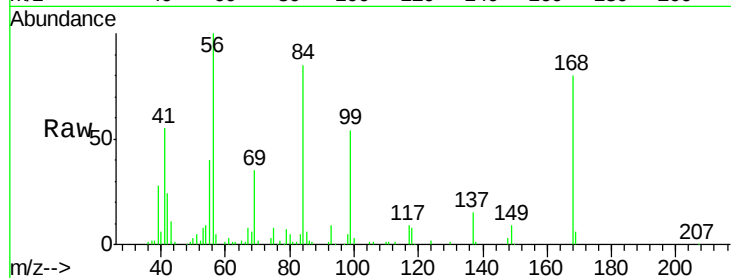
Tgt Ion: 56 Resp: 146438

Ion Ratio Lower Upper

56 100

69 35.1 28.1 42.1

84 83.5 66.8 100.2

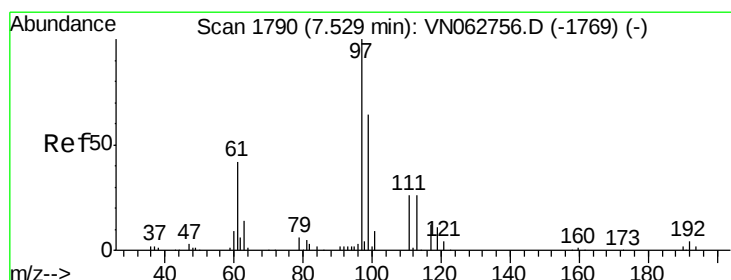
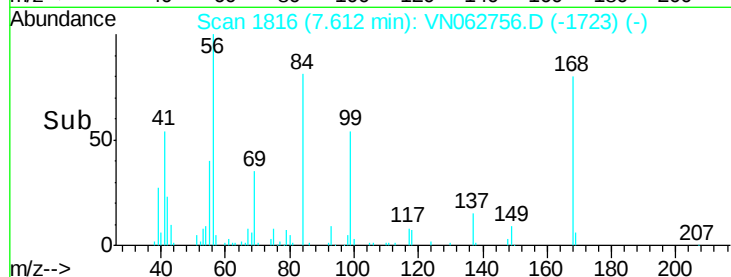
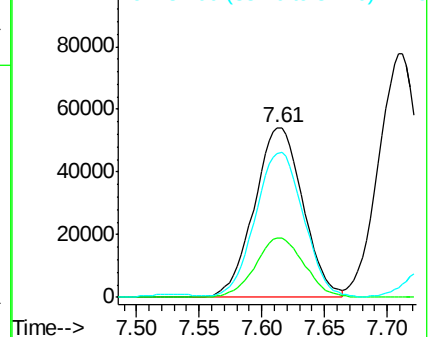


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 51.766 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

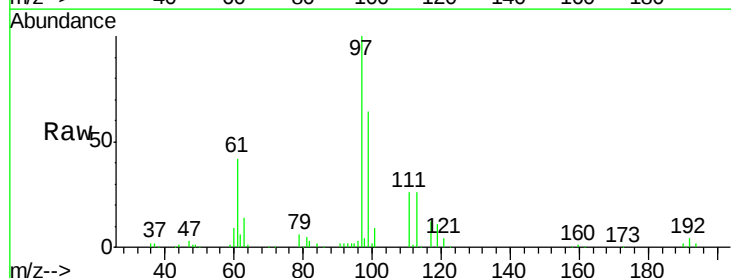
Tgt Ion: 97 Resp: 155994

Ion Ratio Lower Upper

97 100

99 62.5 50.0 75.0

61 43.5 34.8 52.2

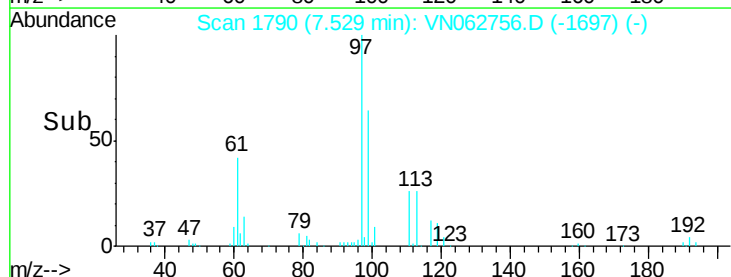
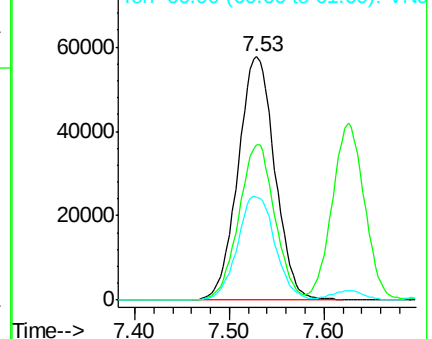


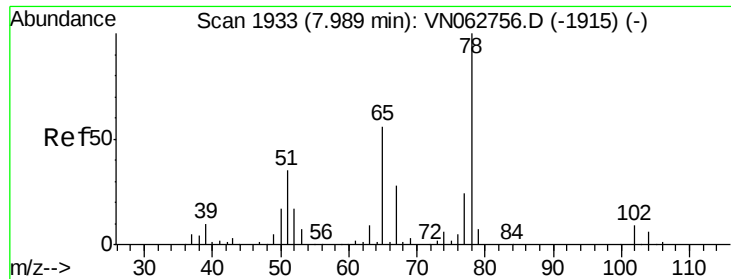
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

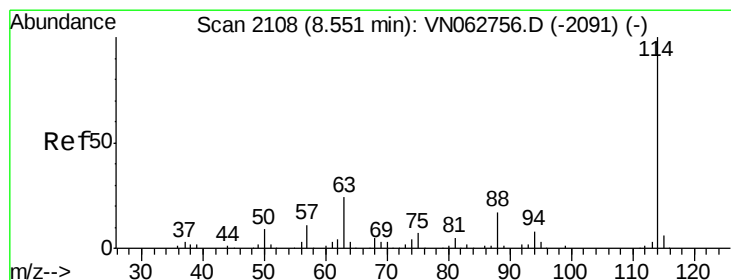
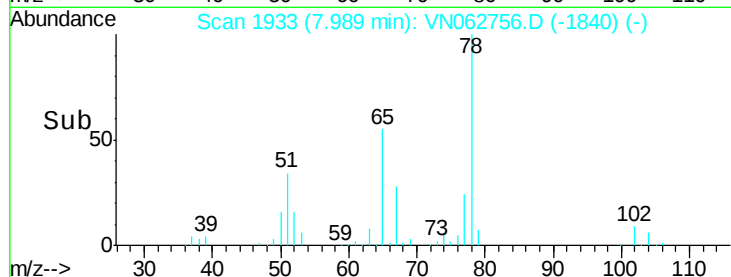
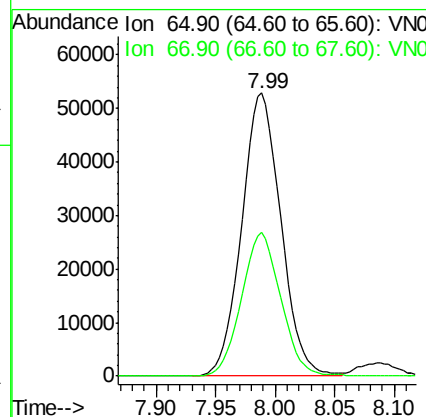
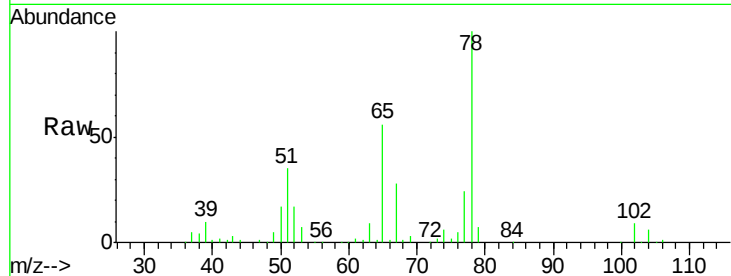




#33
 1,2-Dichloroethane-d4
 Concen: 50.748 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

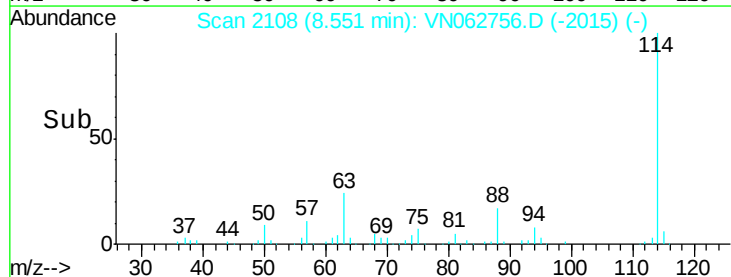
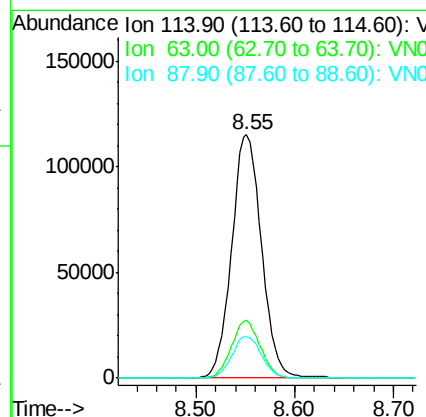
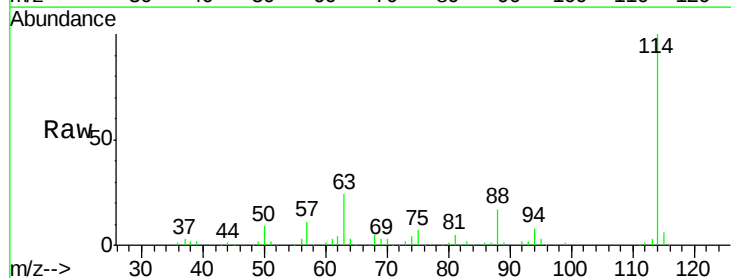
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

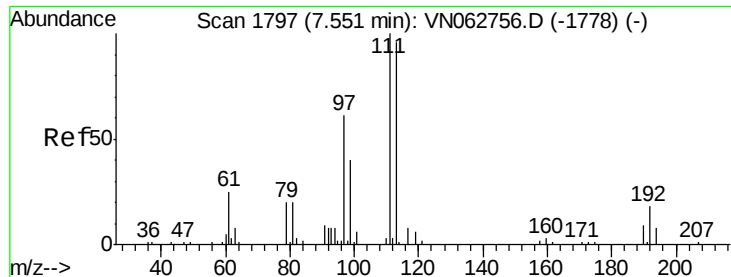
Tgt Ion: 65 Resp: 120579
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

Tgt Ion: 114 Resp: 243434
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 47.6
 88 17.2 0.0 34.4

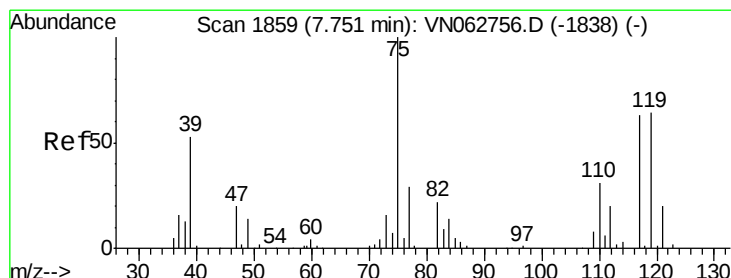
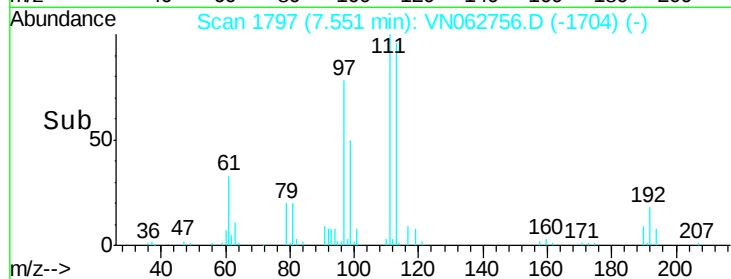
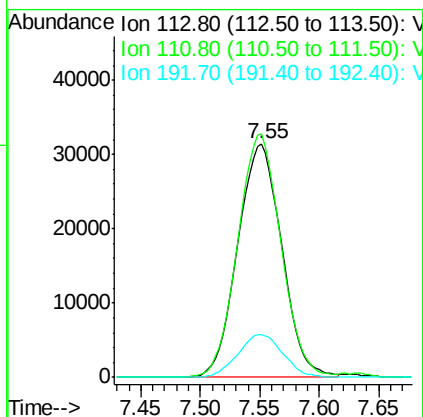
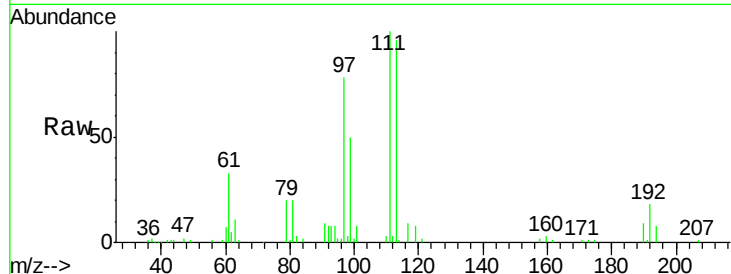




#35
 Dibromofluoromethane
 Concen: 50.436 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

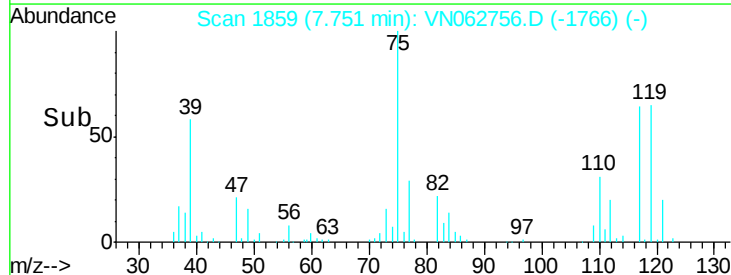
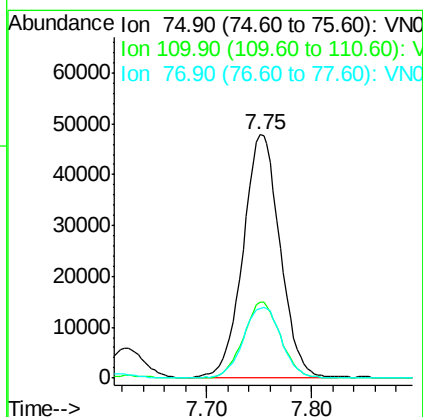
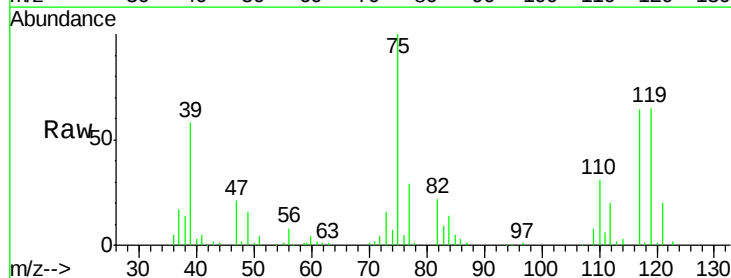
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

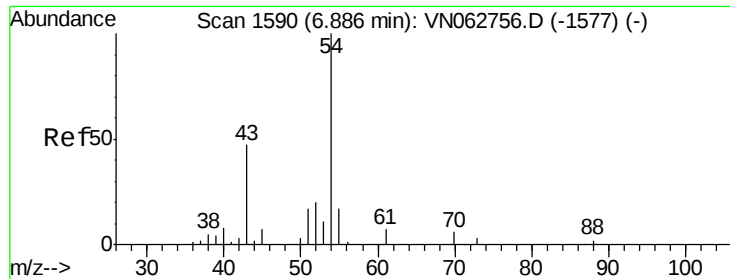
Tgt Ion: 113 Resp: 80765
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.6
 192 18.7 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 45.888 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

Tgt Ion: 75 Resp: 117130
 Ion Ratio Lower Upper
 75 100
 110 31.1 15.6 46.7
 77 30.1 24.1 36.1

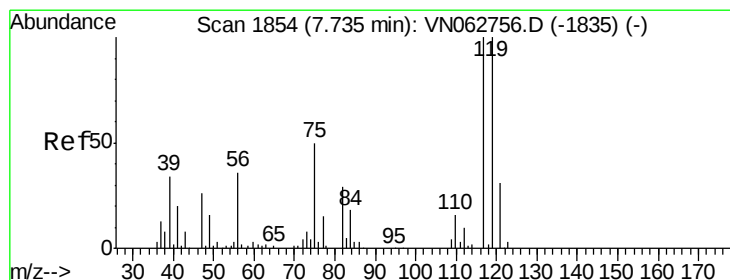
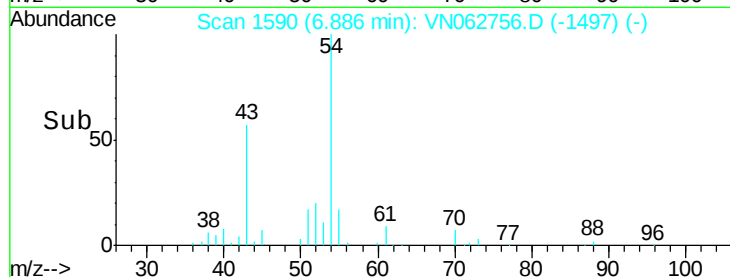
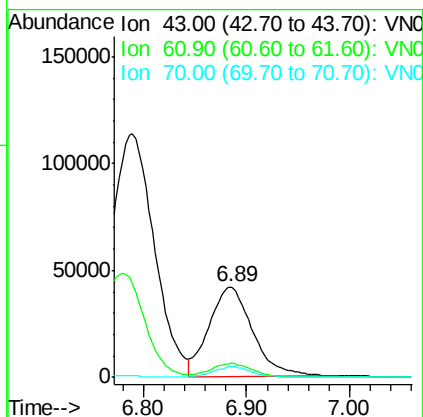
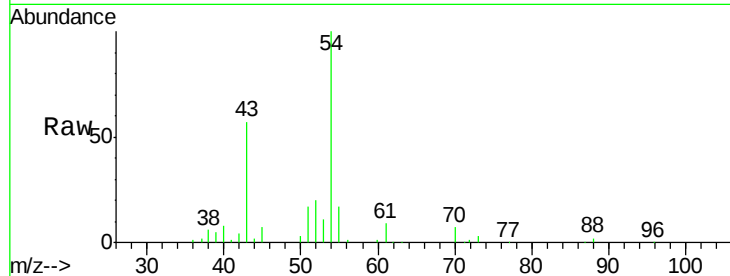




#37
 Ethyl Acetate
 Concen: 45.281 ug/l
 RT: 6.89 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

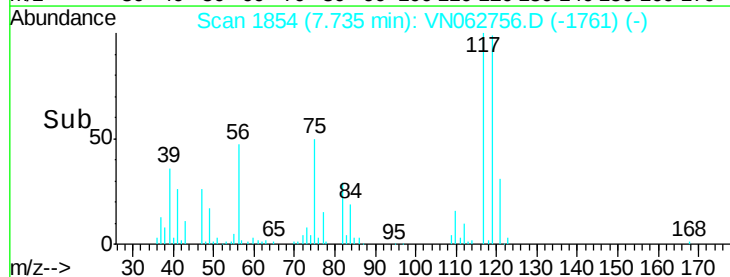
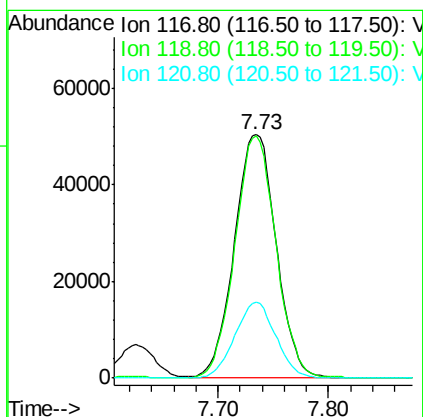
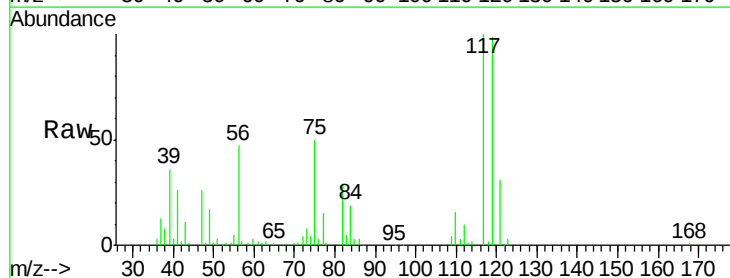
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

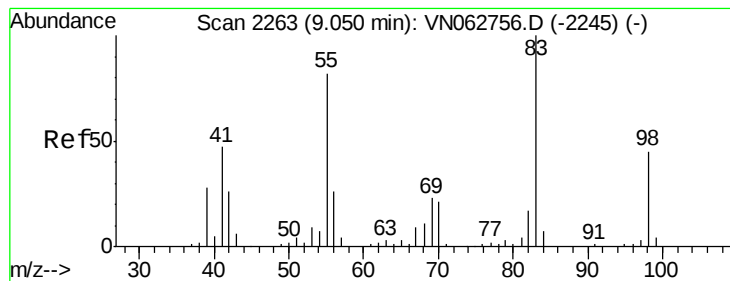
Tgt Ion: 43 Resp: 123549
 Ion Ratio Lower Upper
 43 100
 61 15.1 12.1 18.1
 70 10.4 8.3 12.5



#38
 Carbon Tetrachloride
 Concen: 52.896 ug/l
 RT: 7.73 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

Tgt Ion: 117 Resp: 132869
 Ion Ratio Lower Upper
 117 100
 119 99.3 79.4 119.2
 121 31.1 24.9 37.3





#39

Methylcyclohexane

Concen: 50.640 ug/l

RT: 9.05 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

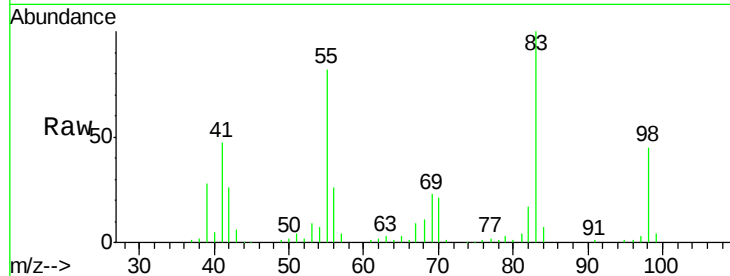
Tgt Ion: 83 Resp: 141468

Ion Ratio Lower Upper

83 100

55 82.1 65.7 98.5

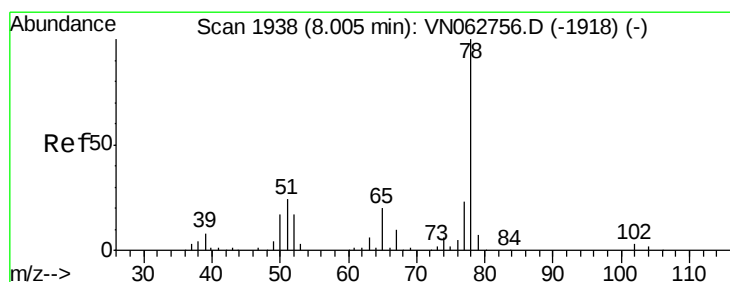
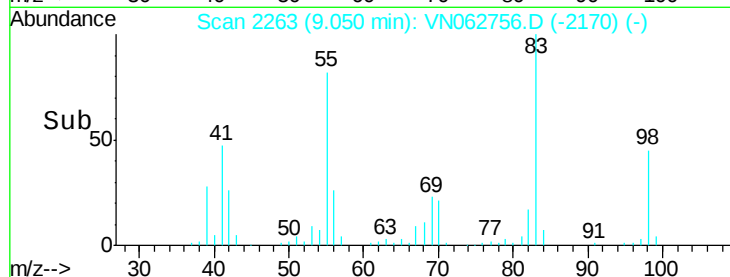
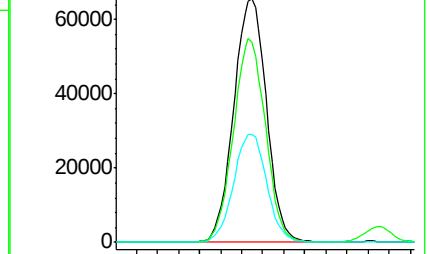
98 44.5 35.6 53.4



Abundance Ion 83.00 (82.70 to 83.70): VN062756.D (-2245) (-)

Ion 55.00 (54.70 to 55.70): VN062756.D (-2245) (-)

Ion 98.00 (97.70 to 98.70): VN062756.D (-2245) (-)



#40

Benzene

Concen: 44.172 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN062756.D

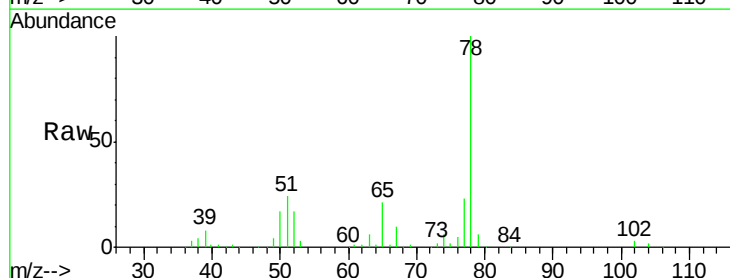
Acq: 5 Aug 2020 12:15

Tgt Ion: 78 Resp: 339021

Ion Ratio Lower Upper

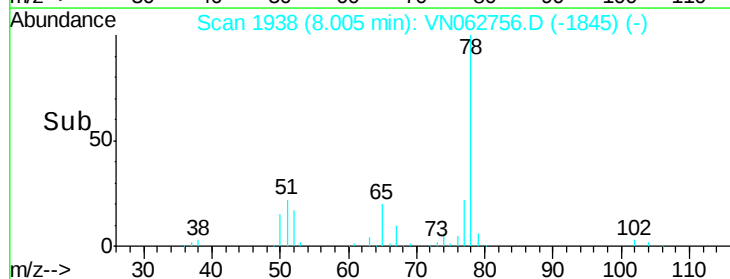
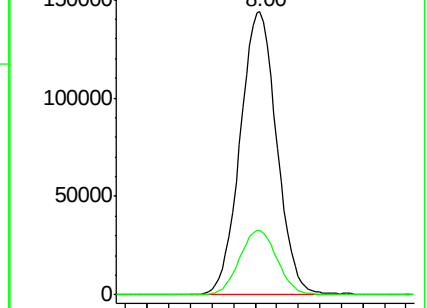
78 100

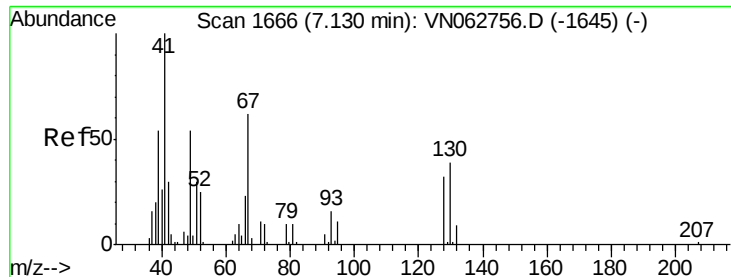
77 22.6 18.1 27.1



Abundance Ion 78.00 (77.70 to 78.70): VN062756.D (-1918) (-)

Ion 77.00 (76.70 to 77.70): VN062756.D (-1918) (-)

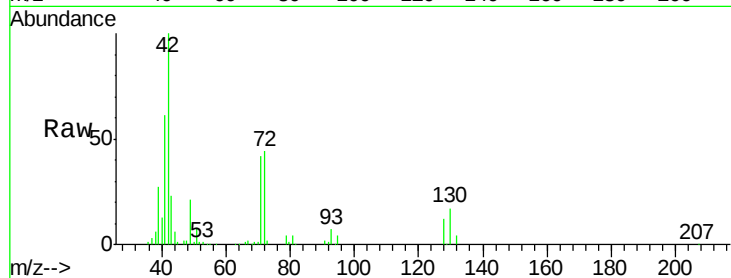




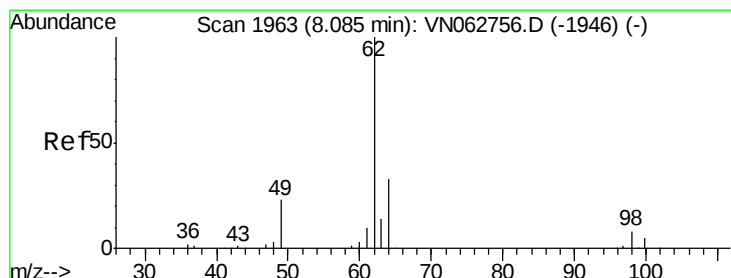
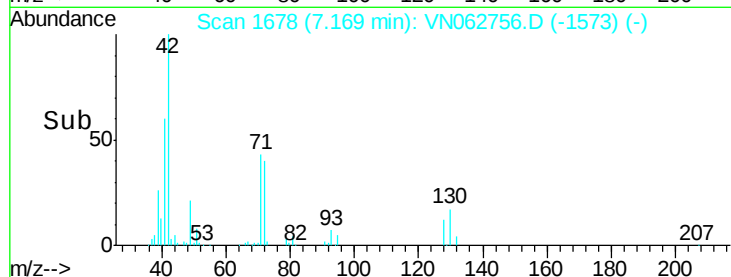
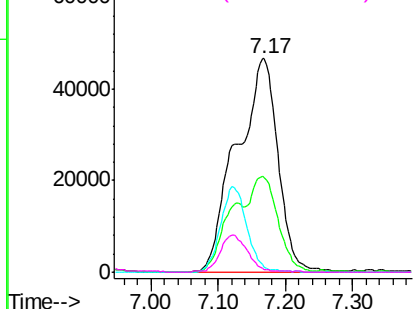
#41
Methacrylonitrile
Concen: 165.031 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.04 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	199883
Ion	Ratio	Lower	Upper
41	100		
39	26.8	69.4	104.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

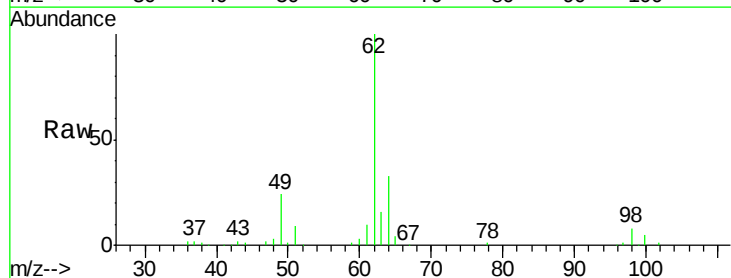


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

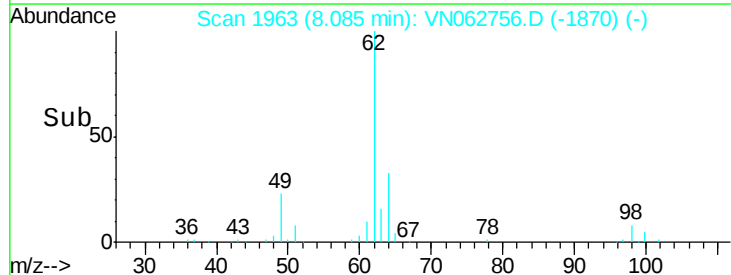
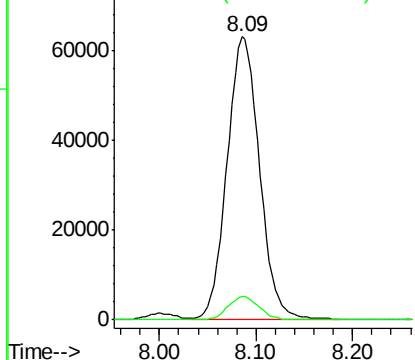


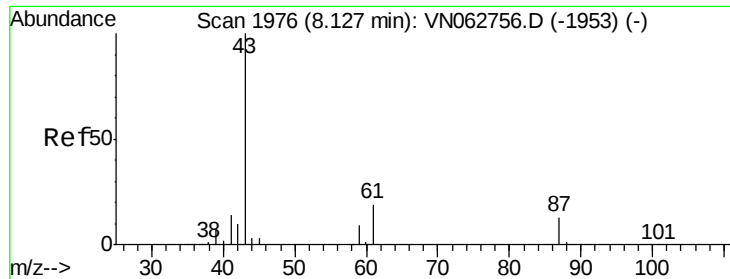
#42
1,2-Dichloroethane
Concen: 51.267 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

Tgt Ion:	62	Resp:	147678
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

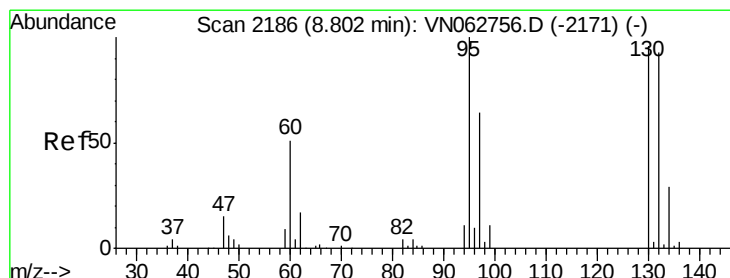
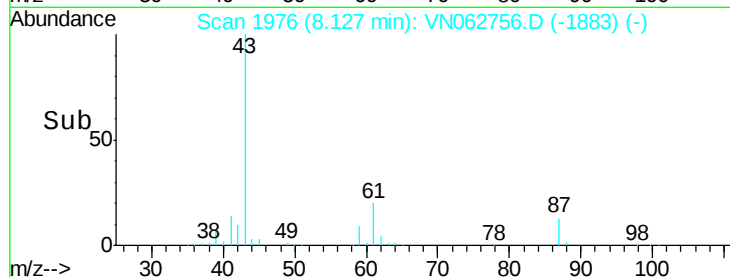
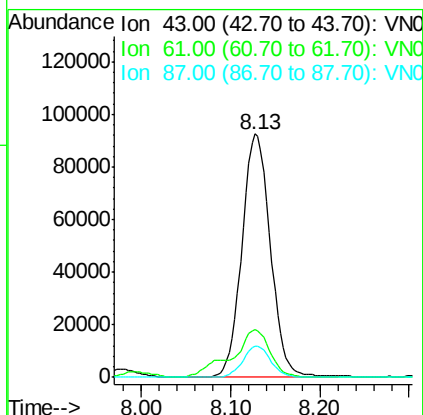
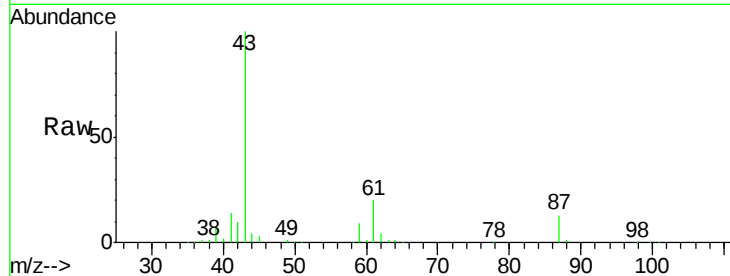




#43
Isopropyl Acetate
Concen: 46.569 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

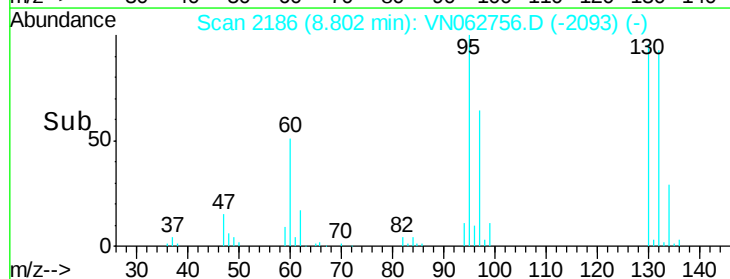
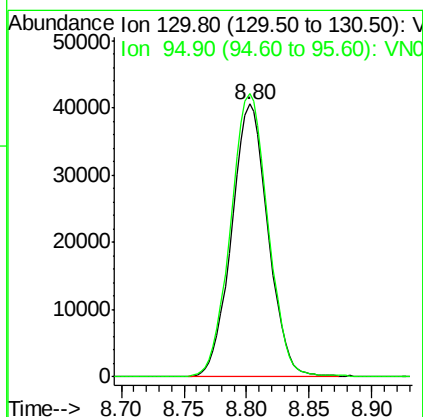
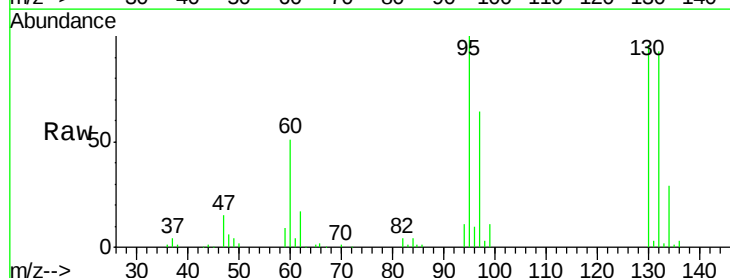
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

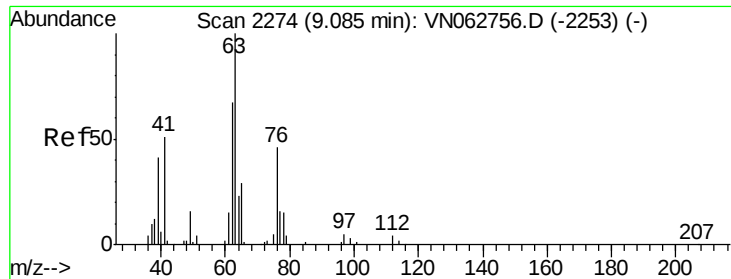
Tgt Ion: 43 Resp: 205120
Ion Ratio Lower Upper
43 100
61 19.7 15.8 23.6
87 12.4 9.9 14.9



#44
Trichloroethene
Concen: 46.851 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

Tgt Ion: 130 Resp: 81919
Ion Ratio Lower Upper
130 100
95 103.8 0.0 207.6





#45

1,2-Dichloropropane

Concen: 44.216 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

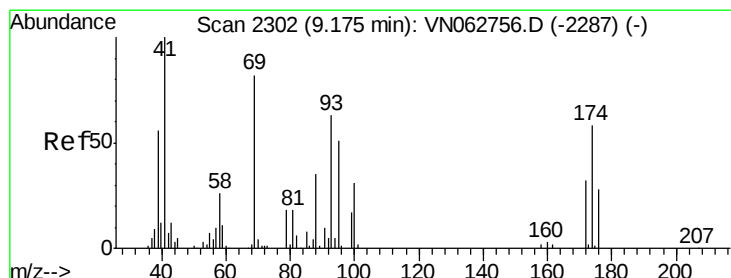
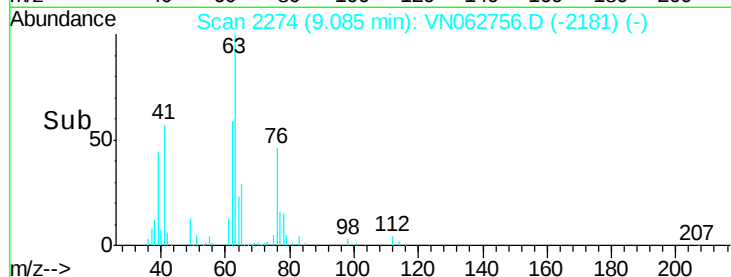
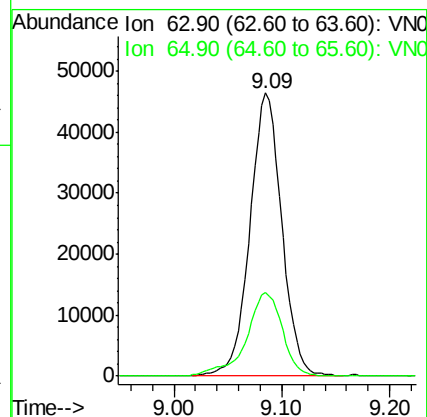
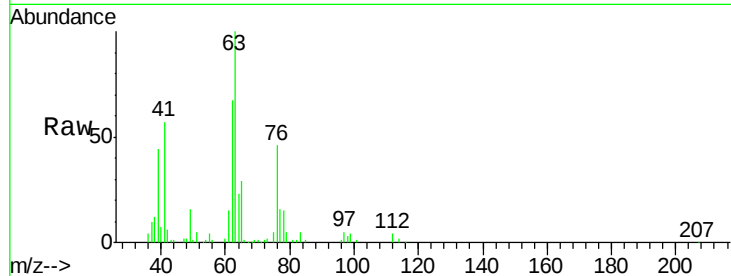
VSTDICCC050

Tgt Ion: 63 Resp: 95233

Ion Ratio Lower Upper

63 100

65 29.4 23.5 35.3



#46

Dibromomethane

Concen: 49.104 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

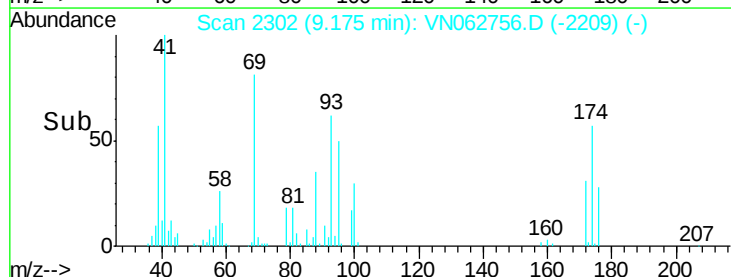
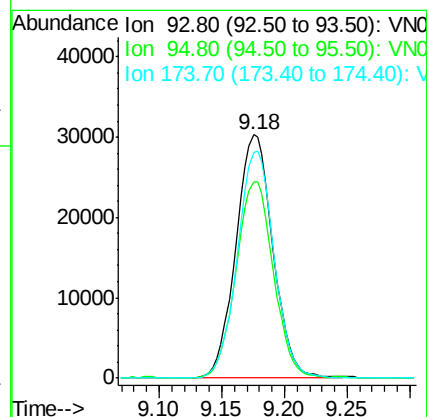
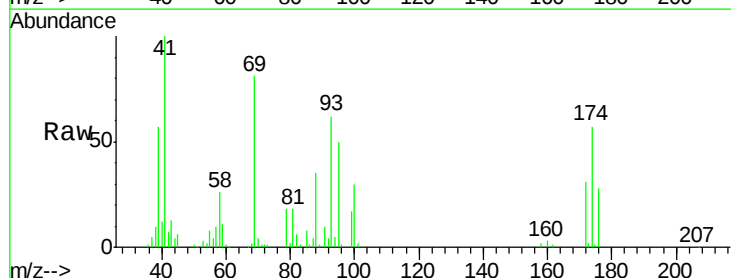
Tgt Ion: 93 Resp: 62160

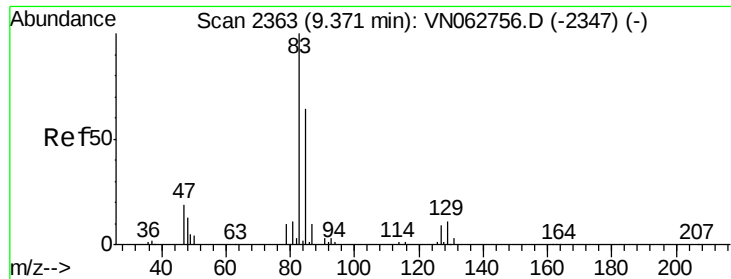
Ion Ratio Lower Upper

93 100

95 81.4 65.1 97.7

174 92.4 73.9 110.9





#47

Bromodichloromethane

Concen: 51.389 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

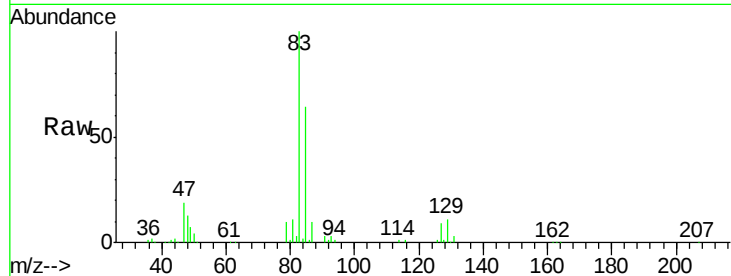
Tgt Ion: 83 Resp: 142595

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0

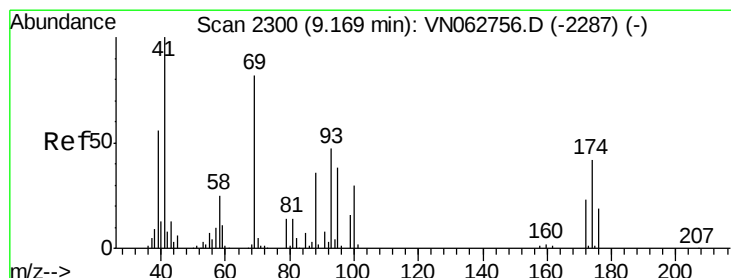
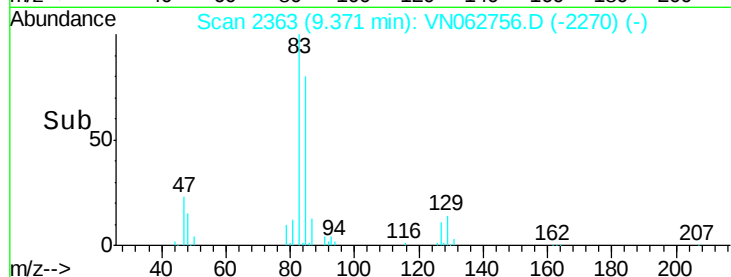
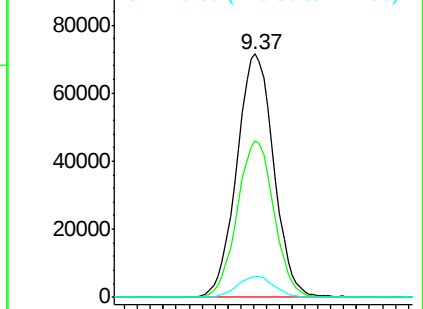
127 8.6 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062756.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062756.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062756.D (-2270) (-)



#48

Methyl methacrylate

Concen: 48.707 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

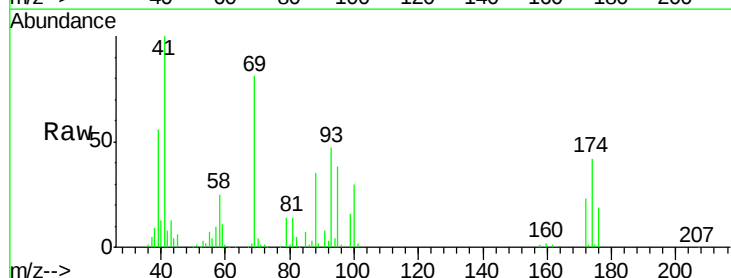
Tgt Ion: 41 Resp: 102916

Ion Ratio Lower Upper

41 100

69 84.3 67.4 101.2

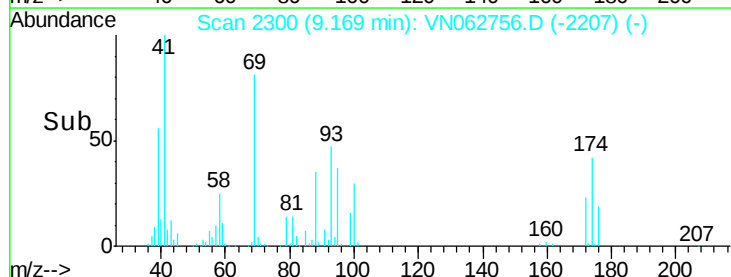
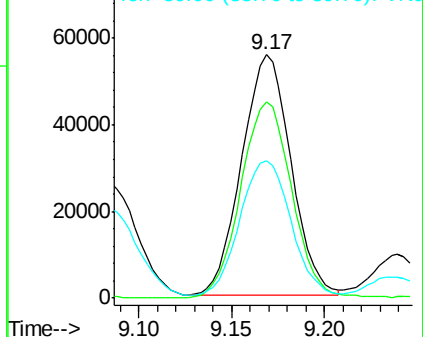
39 59.5 47.6 71.4



Abundance Ion 41.00 (40.70 to 41.70): VN062756.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062756.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062756.D (-2287) (-)

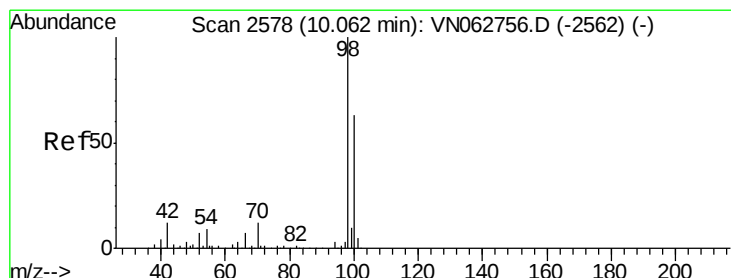
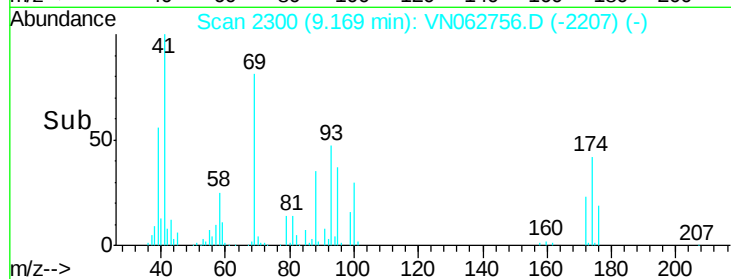
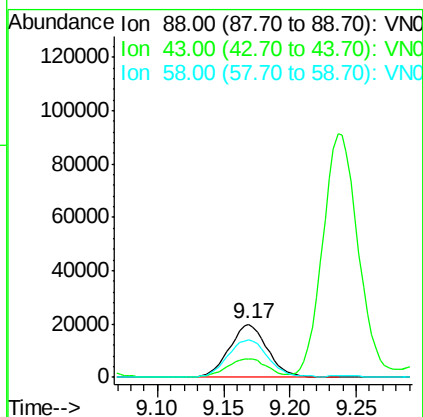
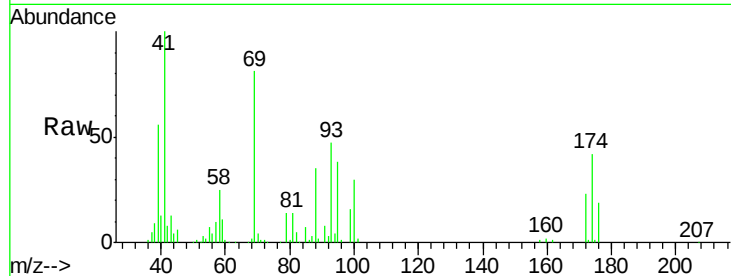




#49
 1,4-Dioxane
 Concen: 1181.029 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

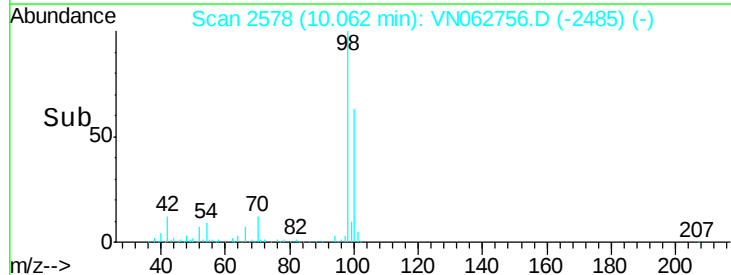
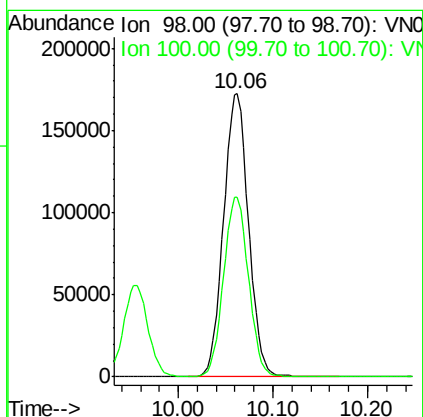
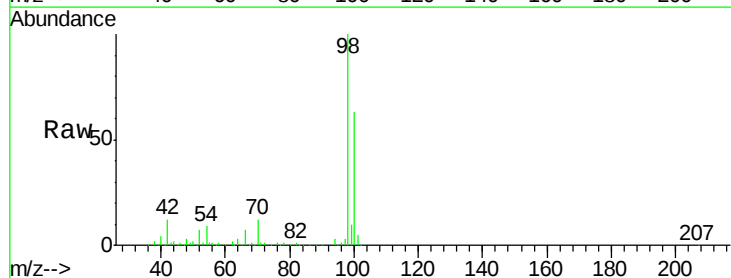
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

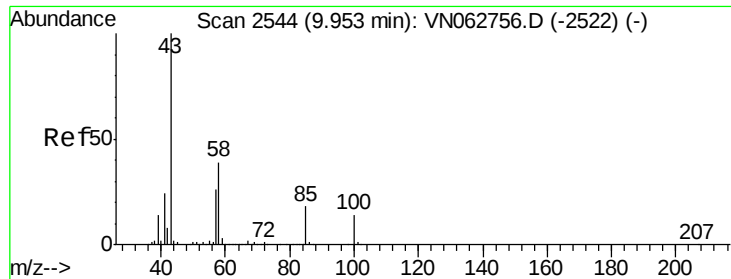
Tgt Ion: 88 Resp: 39932
 Ion Ratio Lower Upper
 88 100
 43 36.9 29.5 44.3
 58 74.8 59.8 89.8



#50
 Toluene-d8
 Concen: 49.637 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

Tgt Ion: 98 Resp: 316657
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.9 76.3

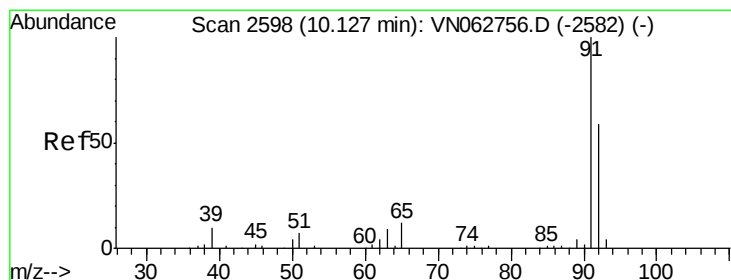
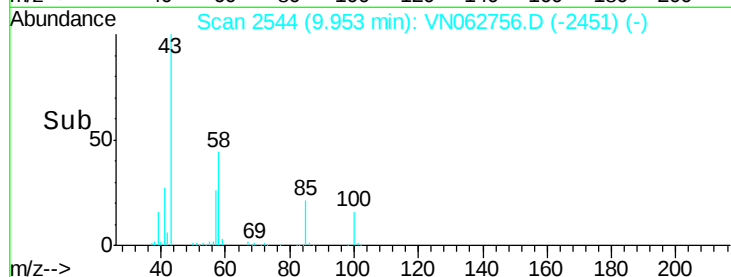
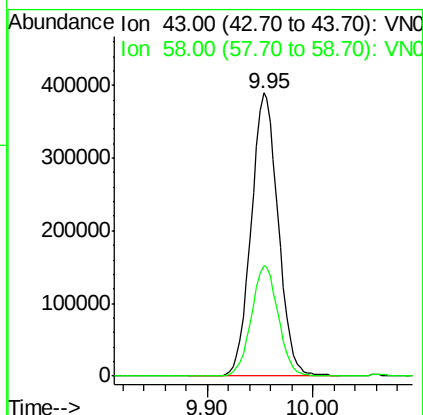
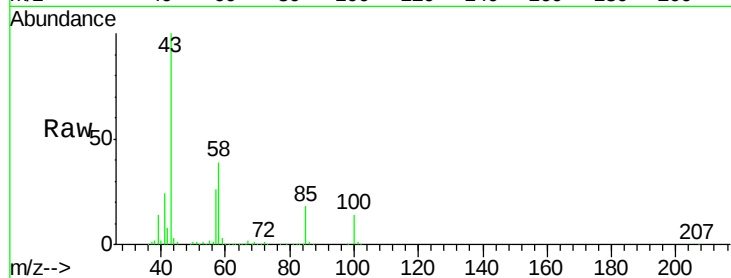




#51
4-Methyl-2-Pentanone
Concen: 258.420 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

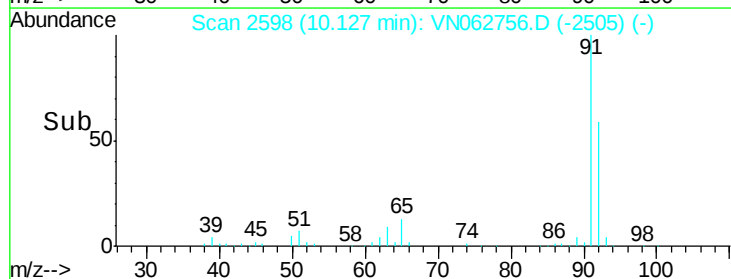
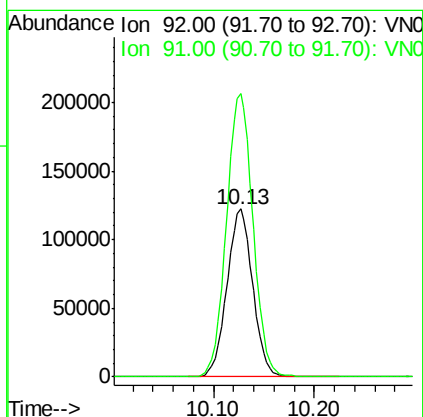
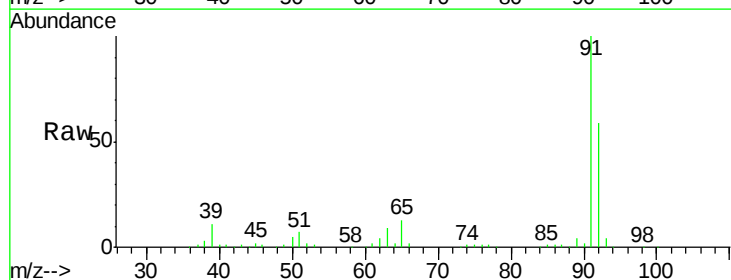
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

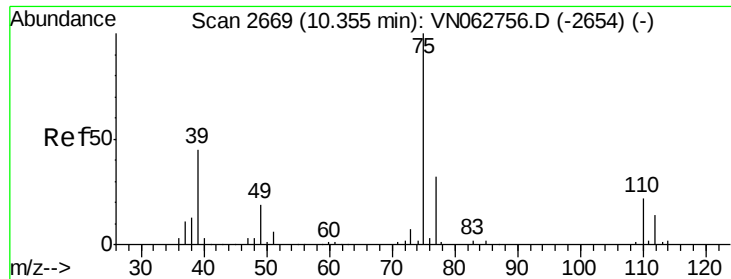
Tgt Ion: 43 Resp: 693232
Ion Ratio Lower Upper
43 100
58 38.9 31.1 46.7



#52
Toluene
Concen: 48.430 ug/l
RT: 10.13 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

Tgt Ion: 92 Resp: 218139
Ion Ratio Lower Upper
92 100
91 173.6 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 51.458 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

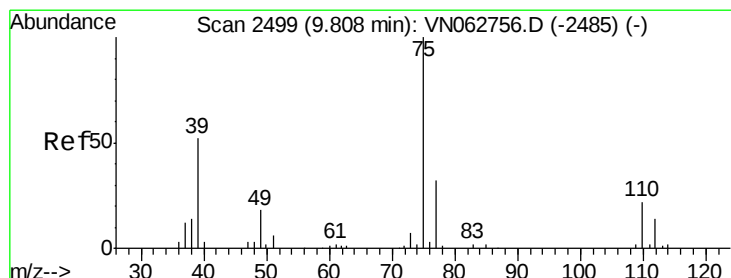
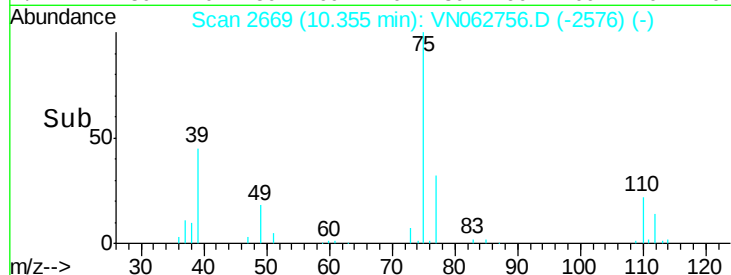
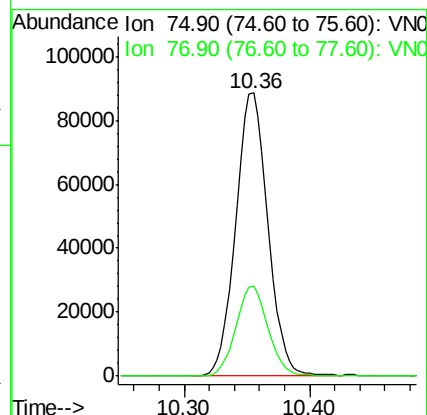
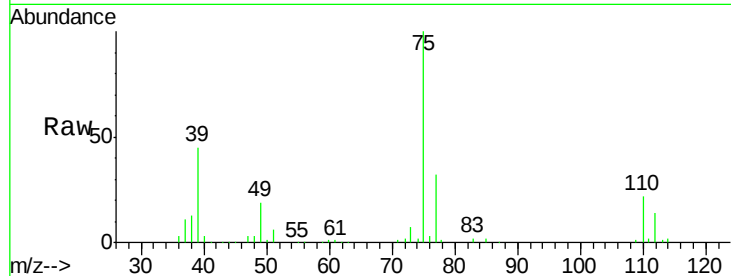
VSTDICCC050

Tgt Ion: 75 Resp: 157829

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 47.947 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

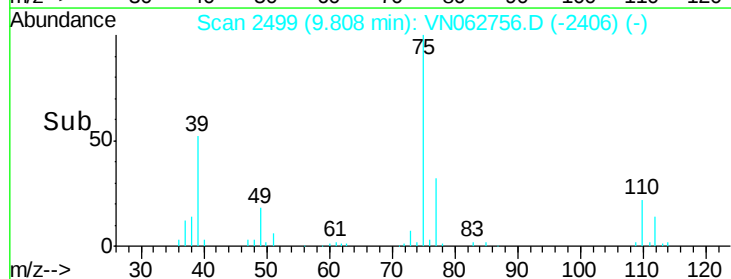
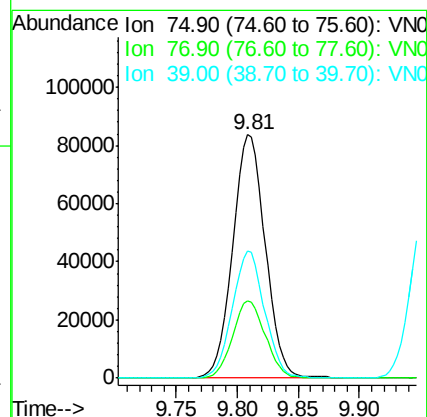
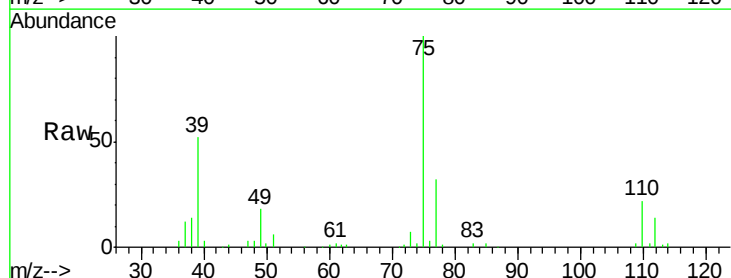
Tgt Ion: 75 Resp: 155567

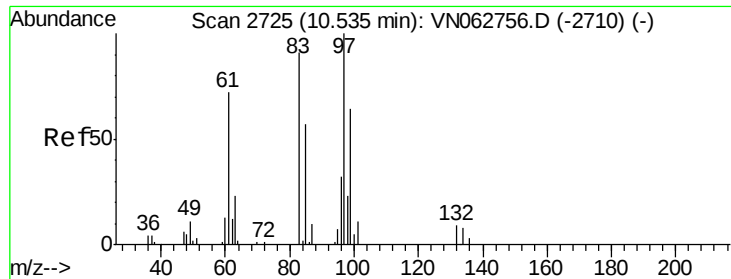
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 52.4 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 50.699 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 89506

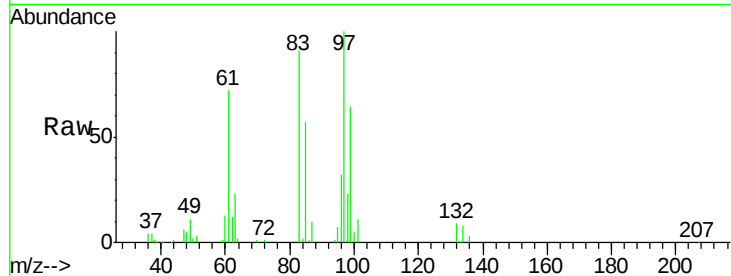
Ion Ratio Lower Upper

97 100

83 90.7 72.6 108.8

85 57.5 46.0 69.0

99 63.9 51.1 76.7

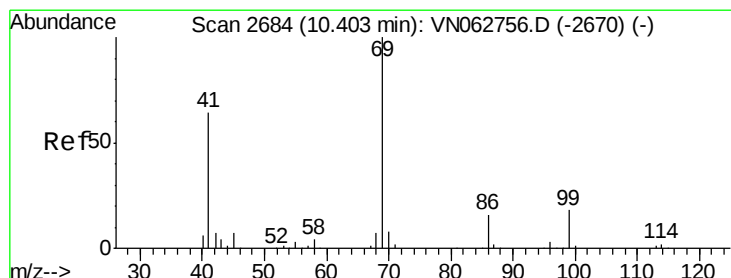
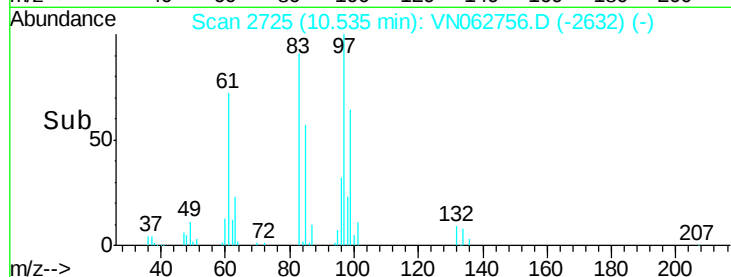
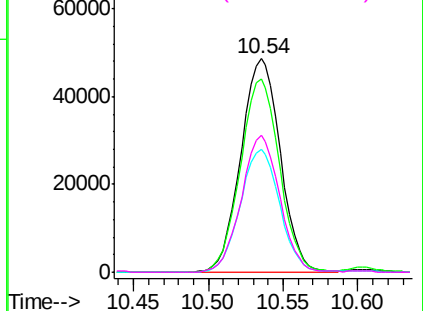


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 53.565 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

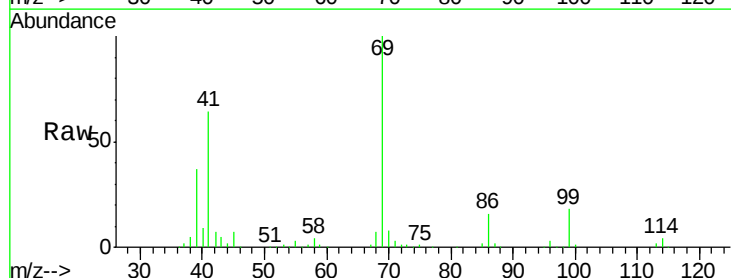
Tgt Ion: 69 Resp: 150850

Ion Ratio Lower Upper

69 100

41 65.2 52.2 78.2

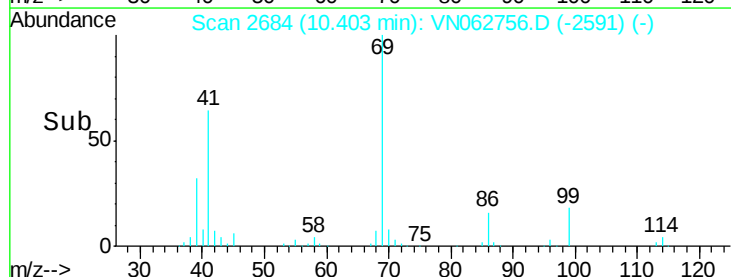
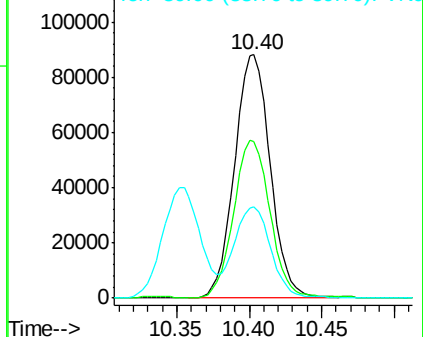
39 38.6 30.9 46.3

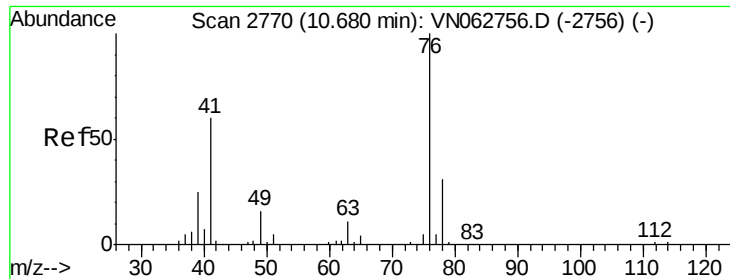


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

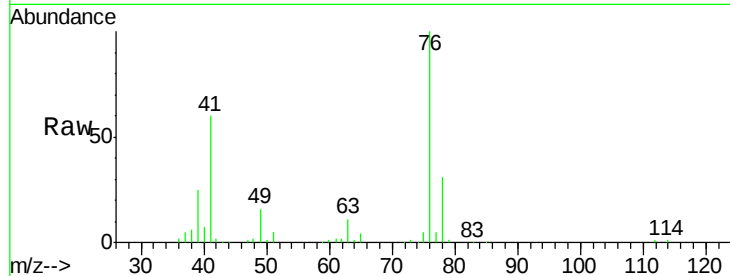




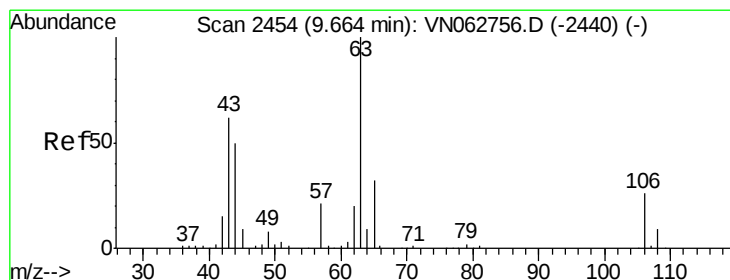
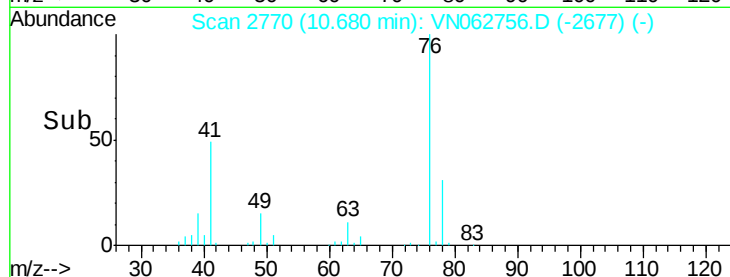
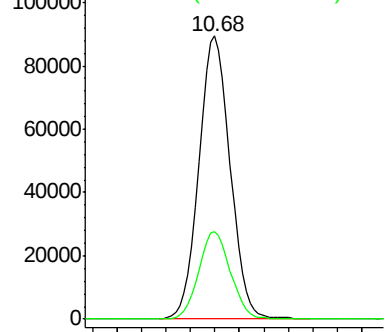
#57
 1,3-Dichloropropane
 Concen: 49.603 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 76 Resp: 159592
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.4 38.0

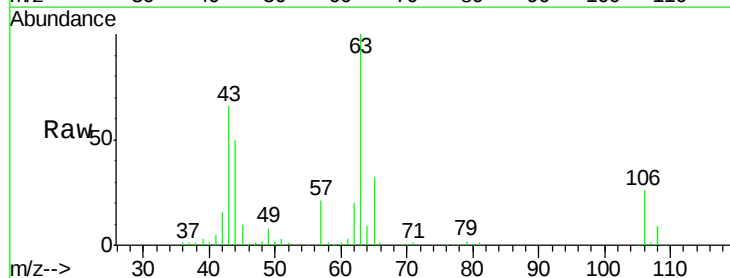


Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

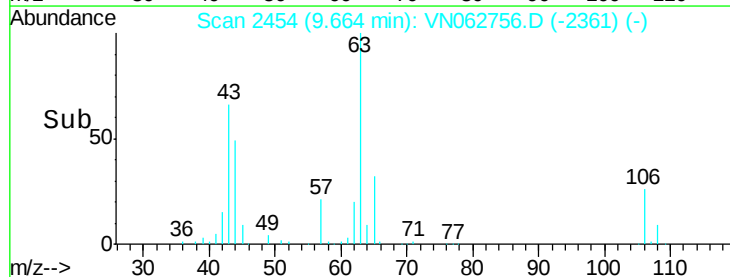
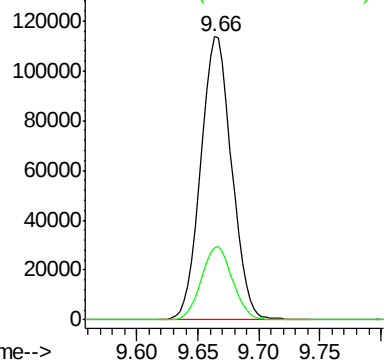


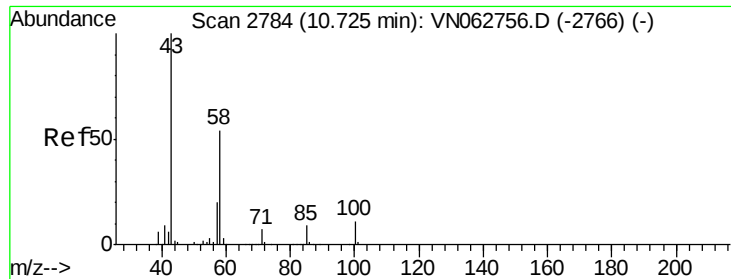
#58
 2-Chloroethyl Vinyl ether
 Concen: 254.119 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

Tgt Ion: 63 Resp: 201737
 Ion Ratio Lower Upper
 63 100
 106 26.1 20.9 31.3



Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 105.90 (105.60 to 106.60): V

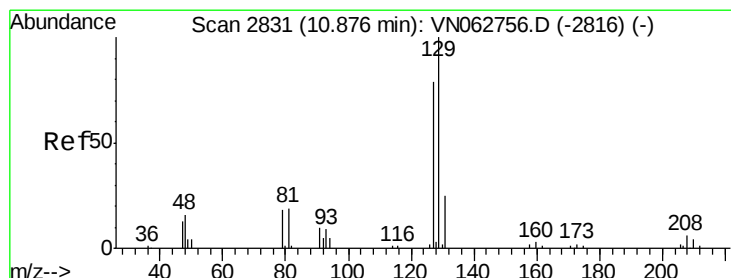
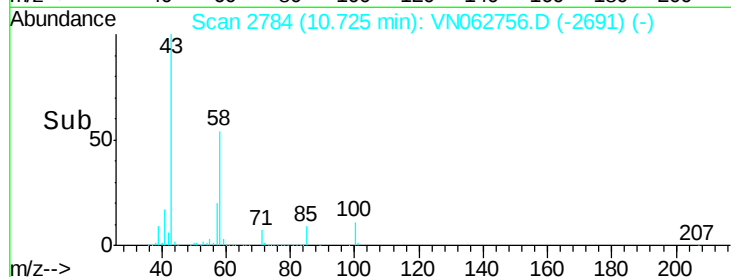
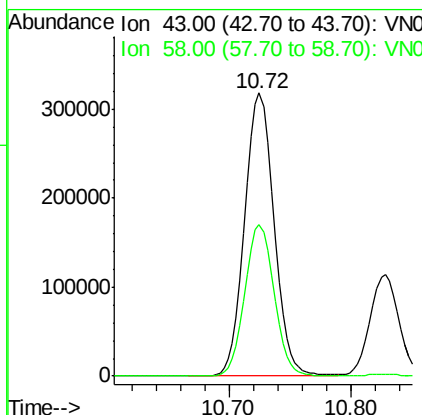
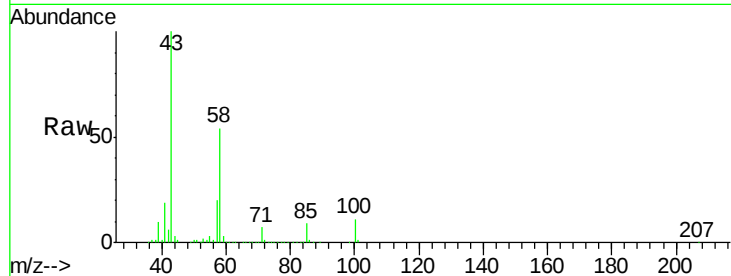




#59
2-Hexanone
Concen: 275.745 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

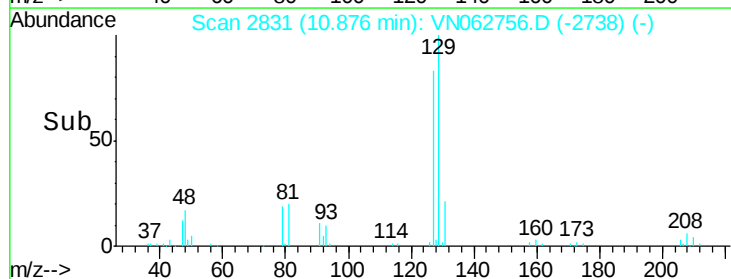
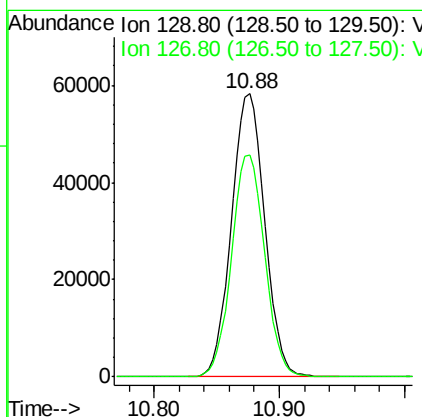
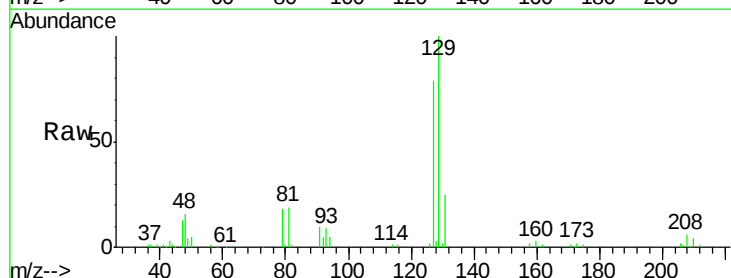
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

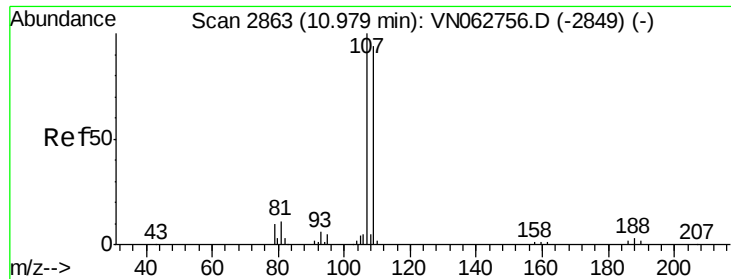
Tgt Ion: 43 Resp: 528820
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.1



#60
Dibromochloromethane
Concen: 54.085 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

Tgt Ion: 129 Resp: 107496
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2

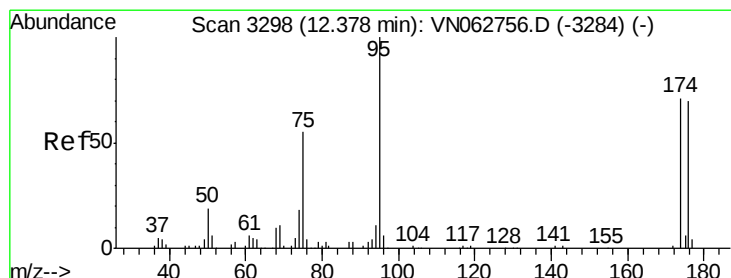
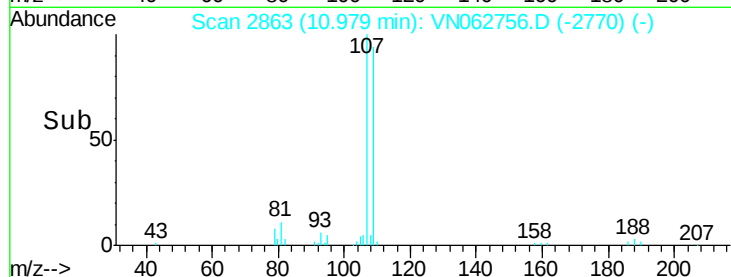
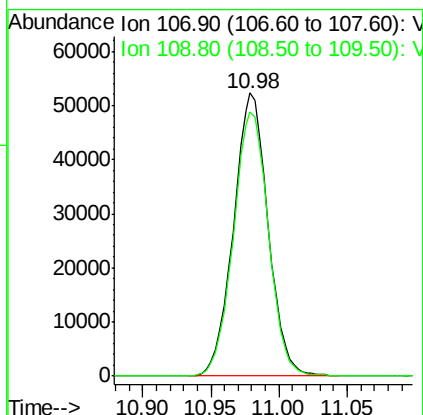
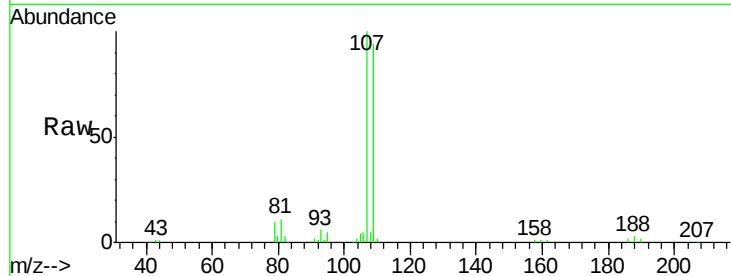




#61
 1,2-Dibromoethane
 Concen: 50.050 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

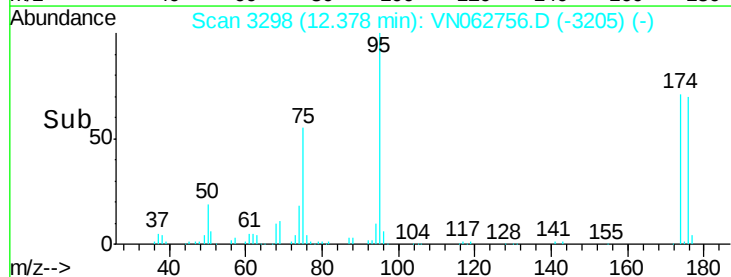
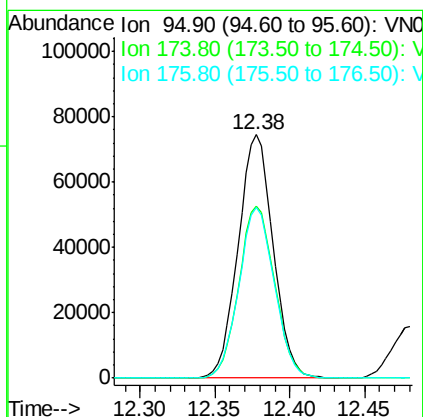
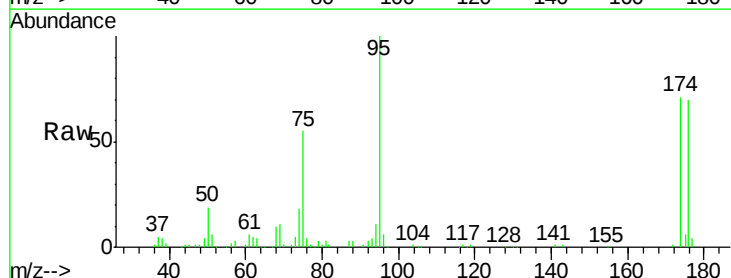
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

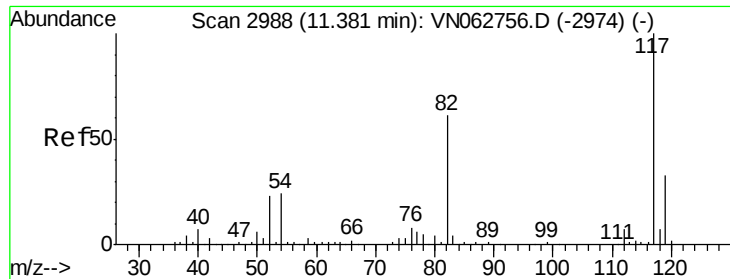
Tgt Ion: 107 Resp: 91724
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 51.667 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

Tgt Ion: 95 Resp: 121352
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 144.8
 176 71.1 0.0 142.2

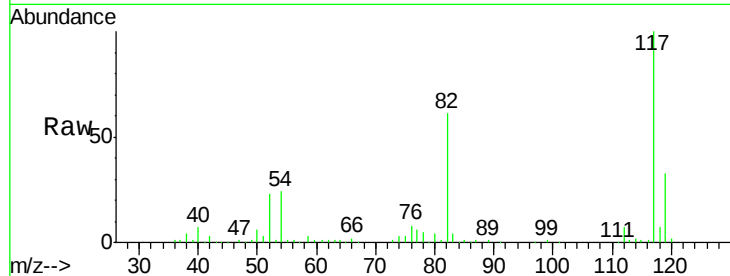




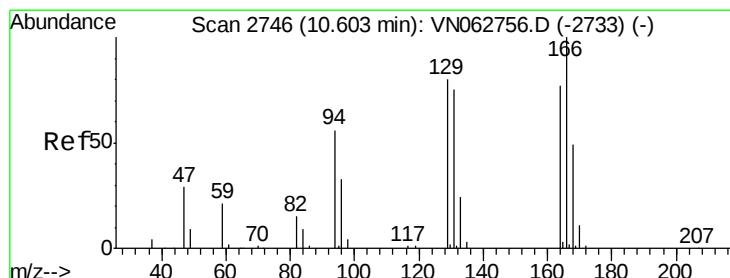
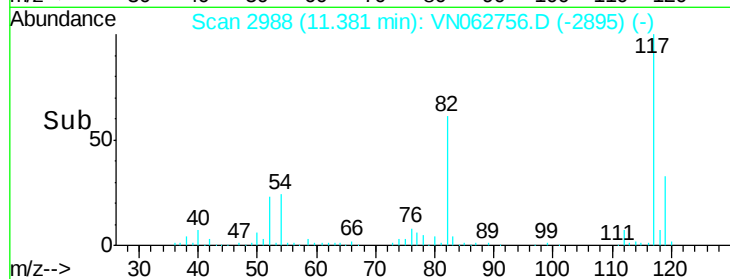
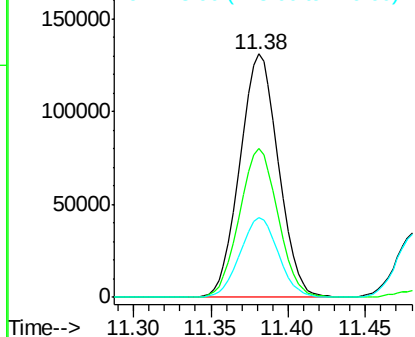
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 227721
Ion Ratio Lower Upper
117 100
82 61.2 49.0 73.4
119 32.7 26.2 39.2



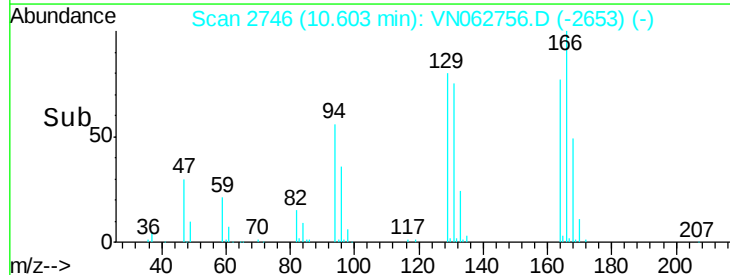
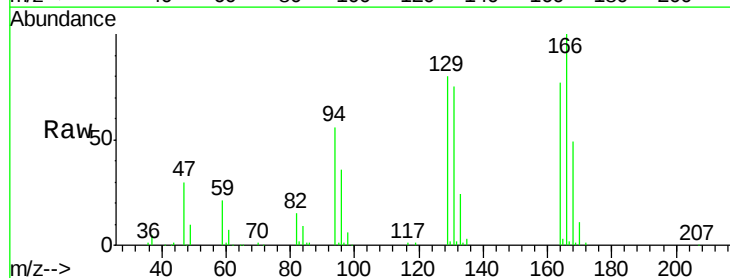
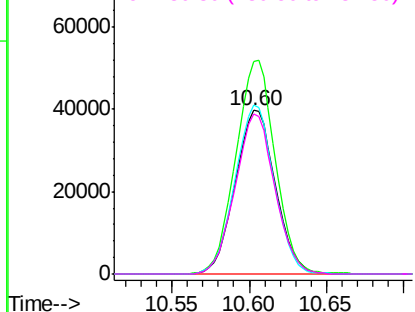
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

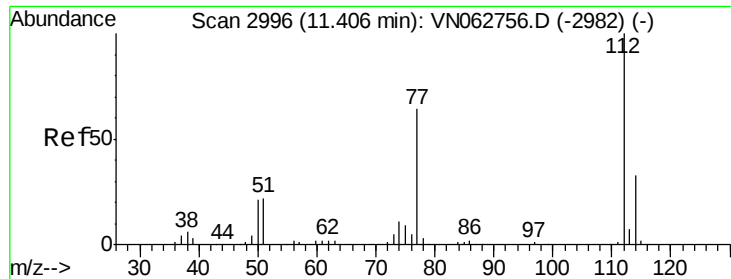


#64
Tetrachloroethene
Concen: 48.465 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

Tgt Ion:164 Resp: 71628
Ion Ratio Lower Upper
164 100
166 129.8 103.8 155.8
129 103.4 82.7 124.1
131 97.7 78.2 117.2

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

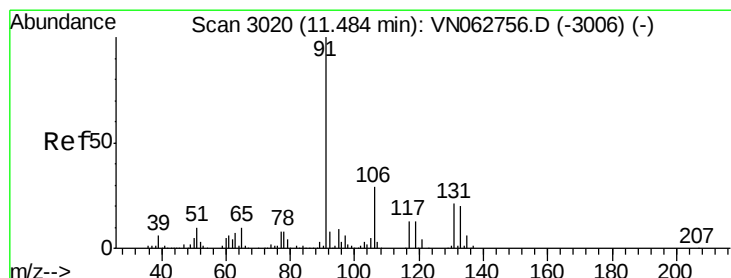
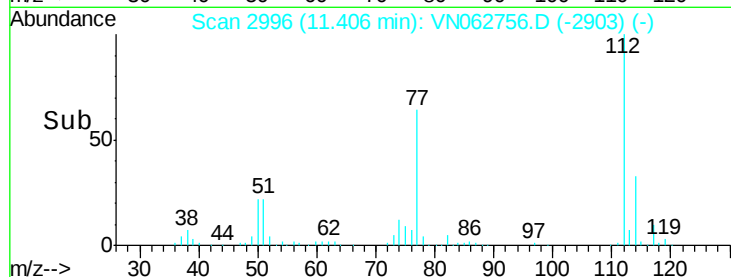
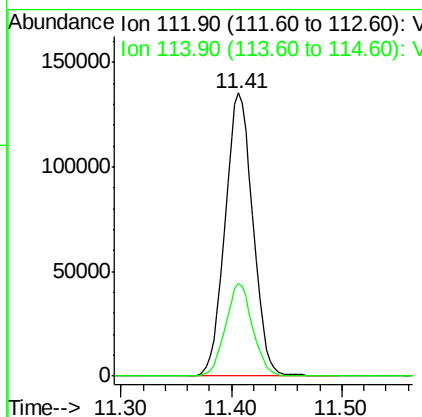
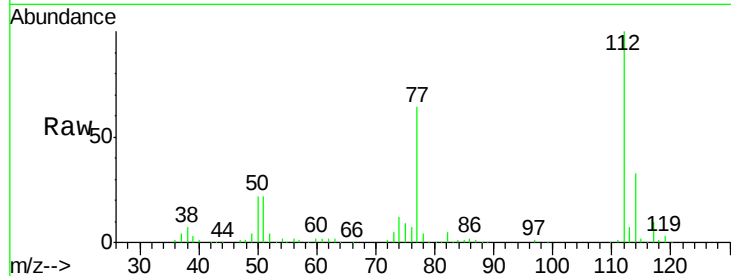




#65
Chlorobenzene
Concen: 49.529 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

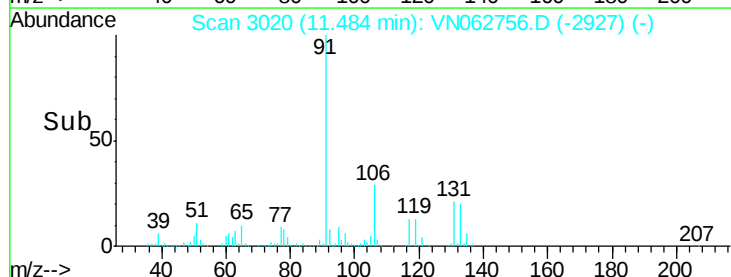
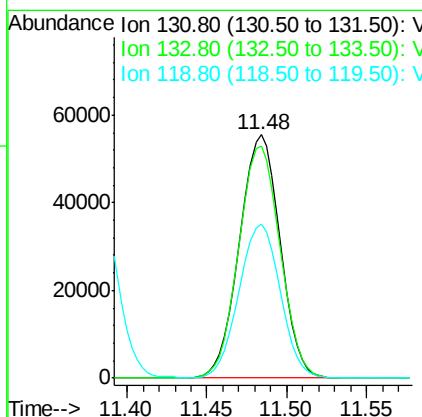
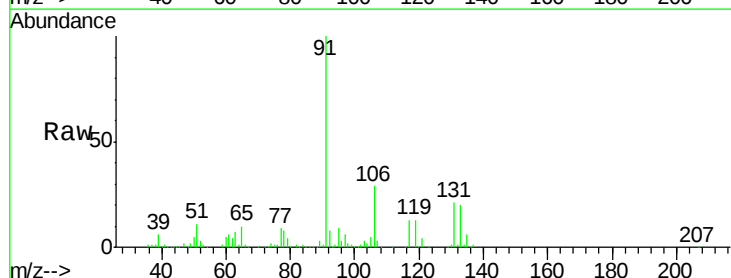
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

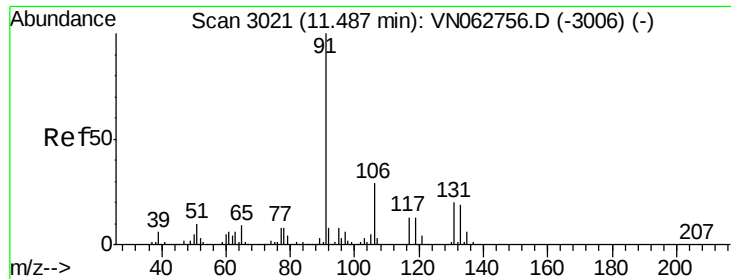
Tgt Ion:112 Resp: 235914
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.966 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

Tgt Ion:131 Resp: 96372
Ion Ratio Lower Upper
131 100
133 97.2 48.6 145.8
119 64.4 32.2 96.6





#67

Ethyl Benzene

Concen: 50.208 ug/l

RT: 11.49 min Scan# 3021

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

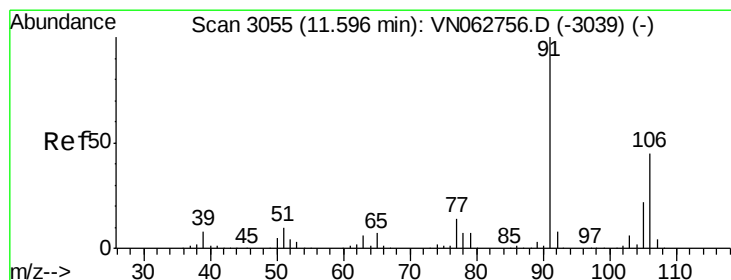
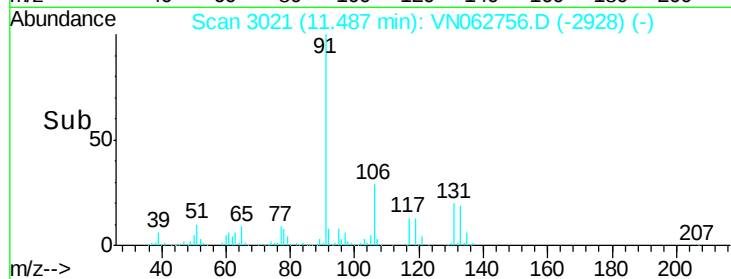
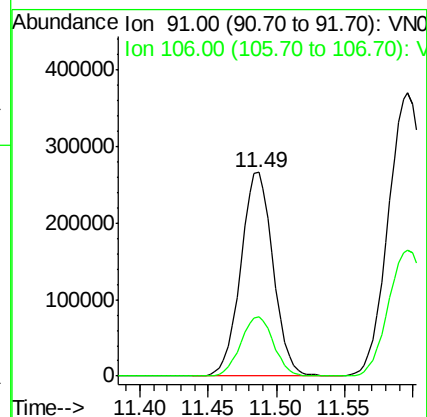
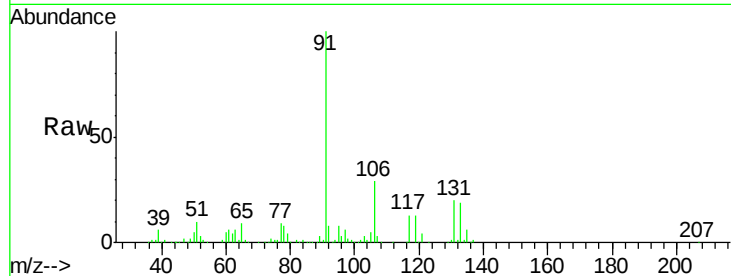
VSTDICCC050

Tgt Ion: 91 Resp: 438193

Ion Ratio Lower Upper

91 100

106 29.0 23.2 34.8



#68

m/p-Xylenes

Concen: 103.029 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN062756.D

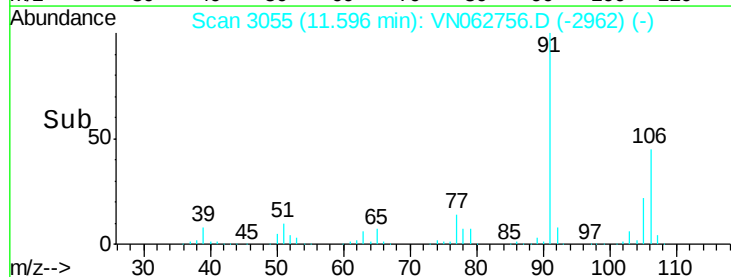
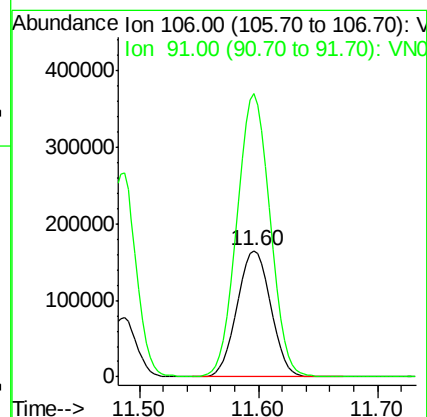
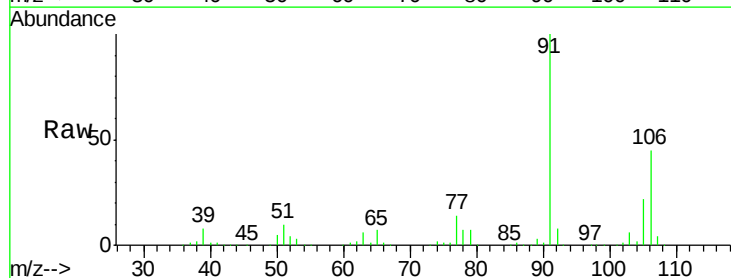
Acq: 5 Aug 2020 12:15

Tgt Ion: 106 Resp: 324008

Ion Ratio Lower Upper

106 100

91 219.9 175.9 263.9

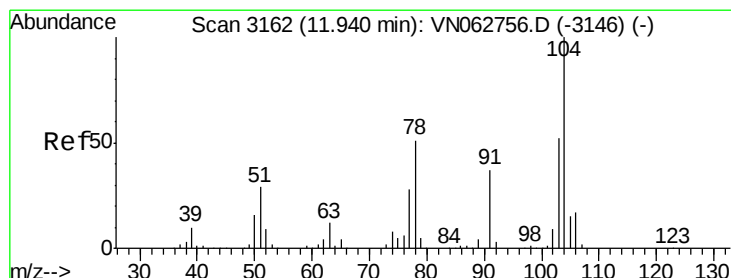
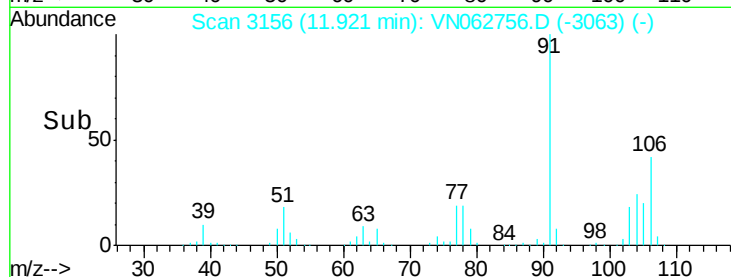
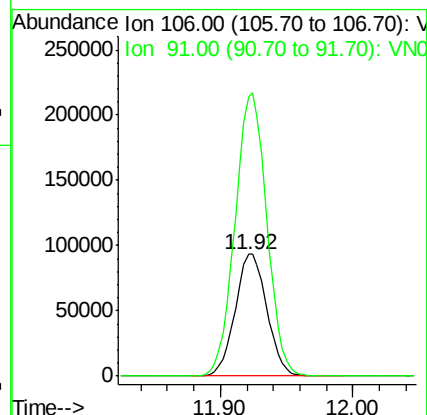
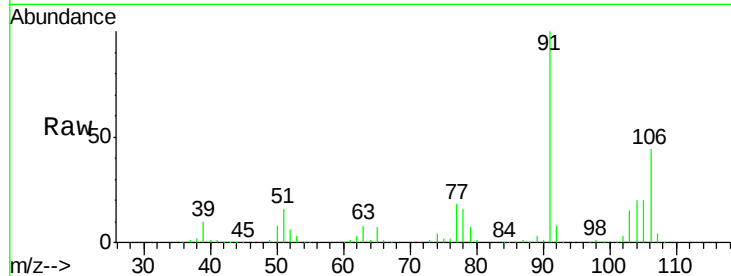




#69
o-Xylene
Concen: 52.052 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

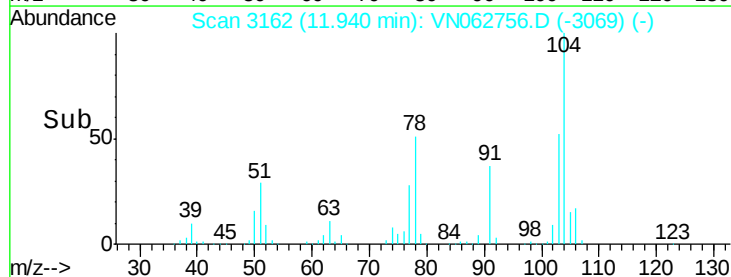
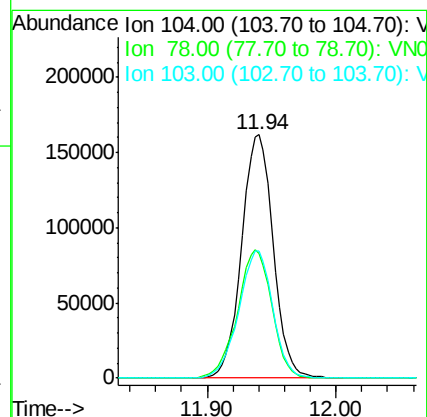
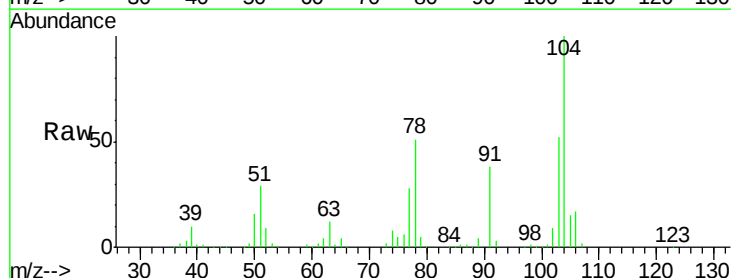
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

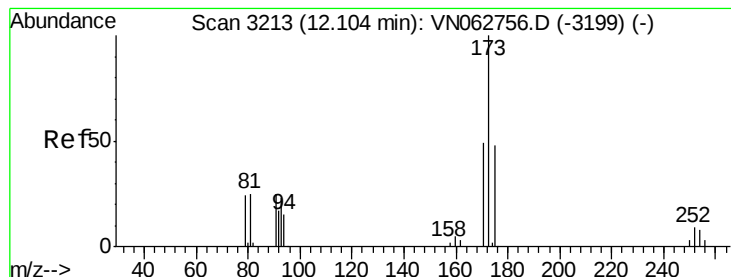
Tgt Ion:106 Resp: 155735
Ion Ratio Lower Upper
106 100
91 231.6 115.8 347.4



#70
Styrene
Concen: 54.446 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

Tgt Ion:104 Resp: 276263
Ion Ratio Lower Upper
104 100
78 57.4 45.9 68.9
103 56.4 45.1 67.7





#71

Bromoform

Concen: 57.829 ug/l

RT: 12.10 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

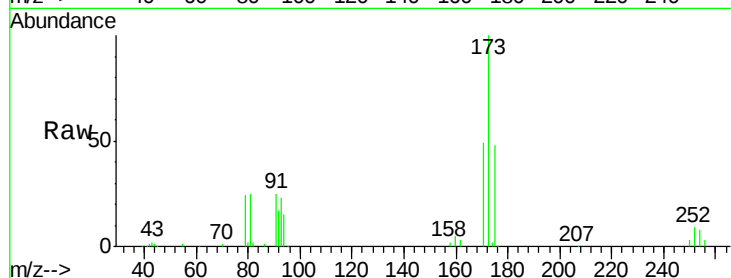
Tgt Ion:173 Resp: 79947

Ion Ratio Lower Upper

173 100

175 48.0 24.0 72.0

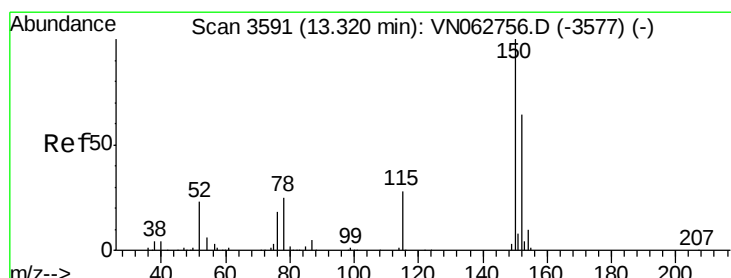
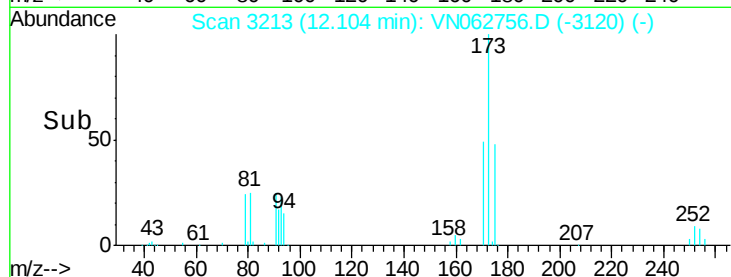
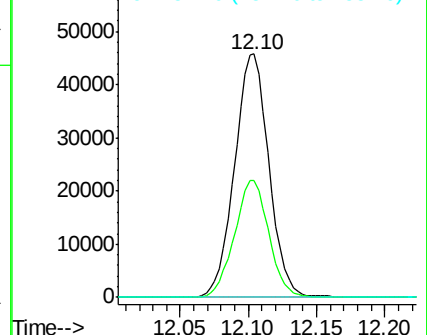
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

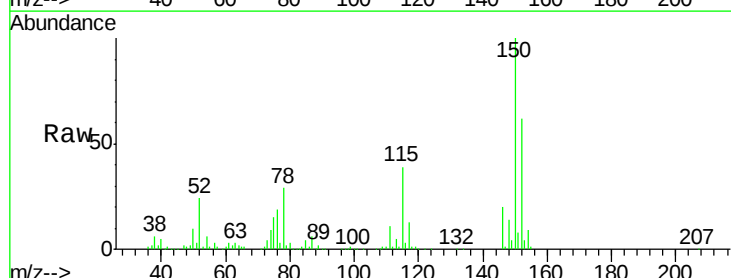
Tgt Ion:152 Resp: 116130

Ion Ratio Lower Upper

152 100

115 63.2 31.6 94.8

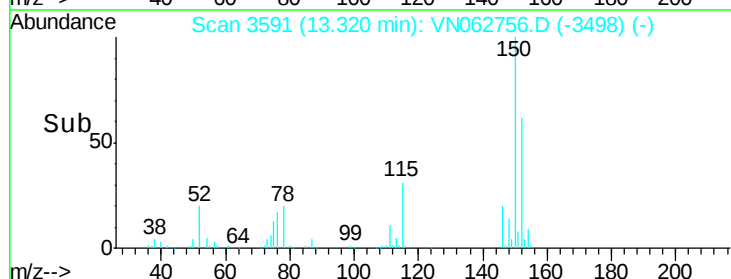
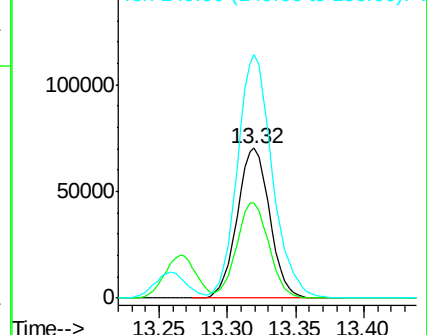
150 174.6 0.0 349.2

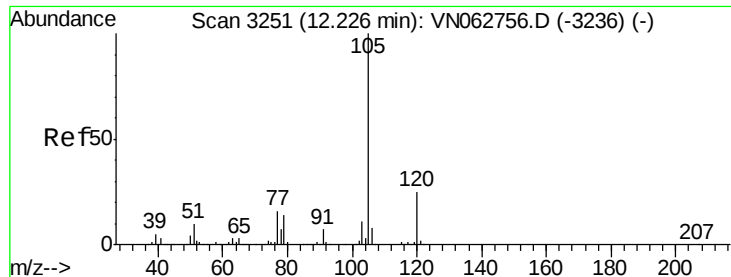


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.573 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

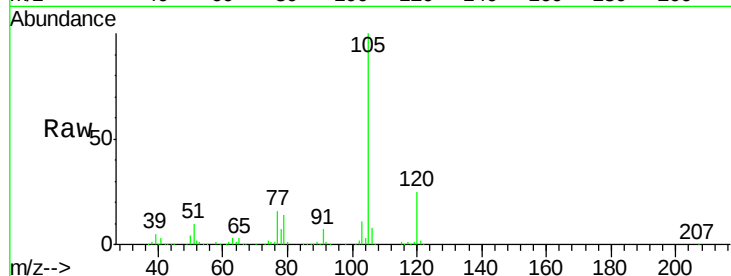
VSTDICCC050

Tgt Ion: 105 Resp: 444118

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

300000

250000

200000

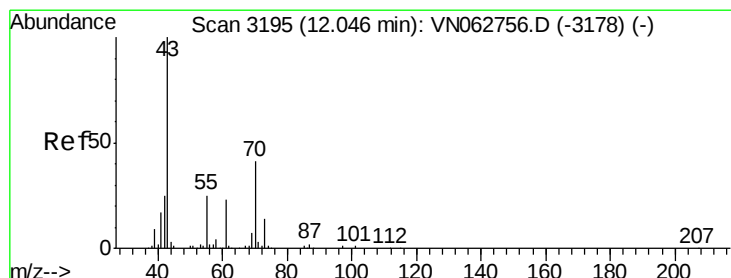
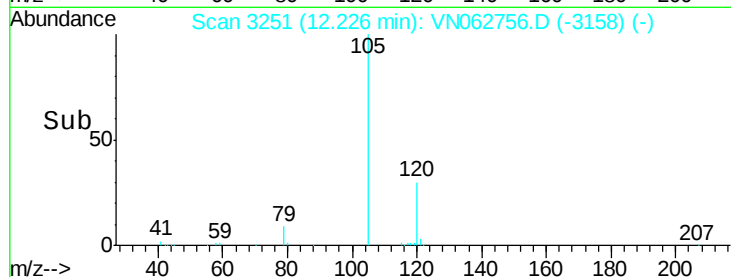
150000

100000

50000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 47.975 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Tgt Ion: 43 Resp: 191533

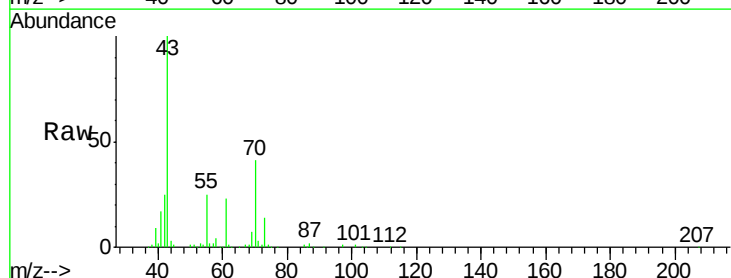
Ion Ratio Lower Upper

43 100

70 40.4 32.3 48.5

55 25.2 20.2 30.2

61 22.8 18.2 27.4



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

12.05

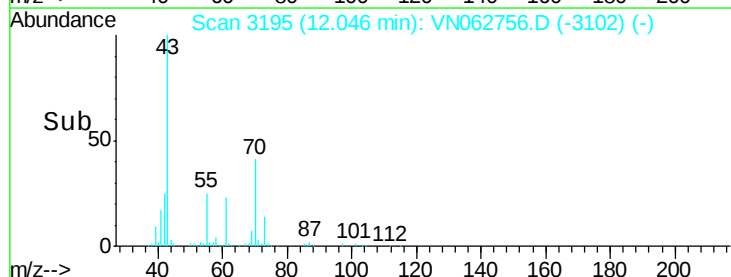
150000

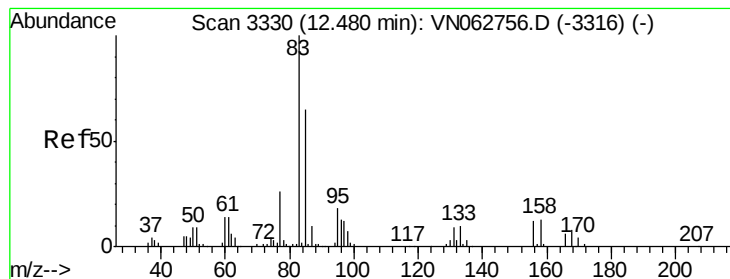
100000

50000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 45.993 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

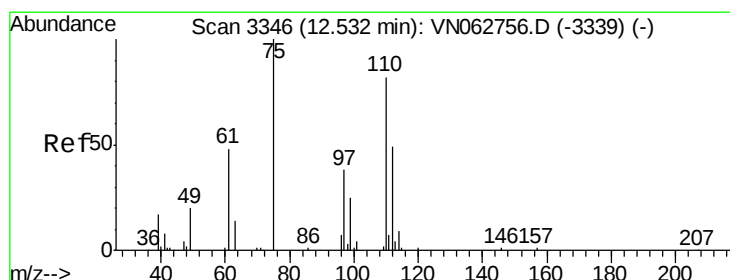
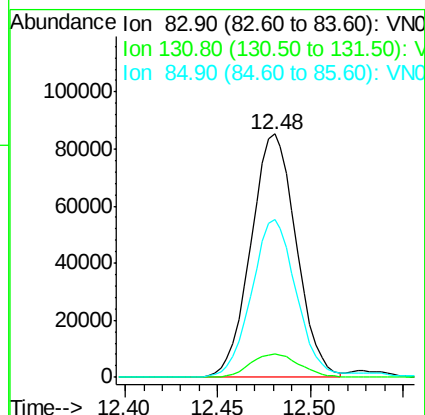
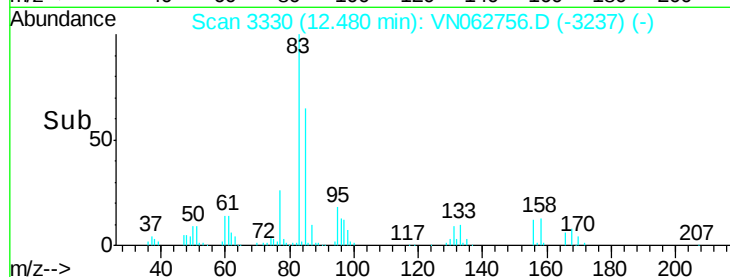
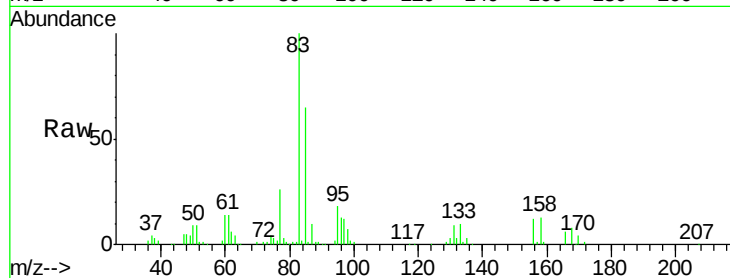
Tgt Ion: 83 Resp: 145625

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

85 63.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 67.617 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN062756.D

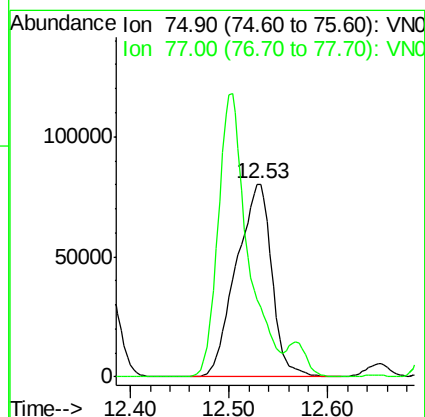
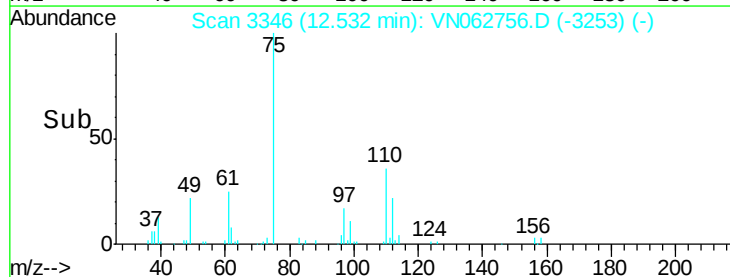
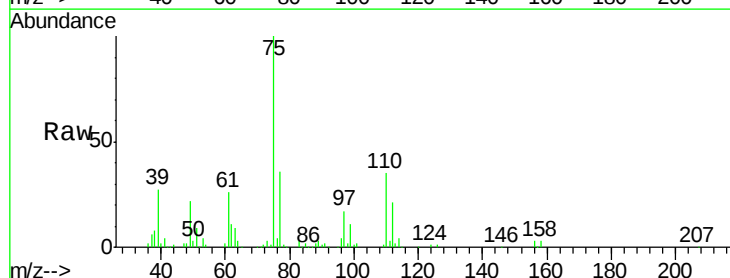
Acq: 5 Aug 2020 12:15

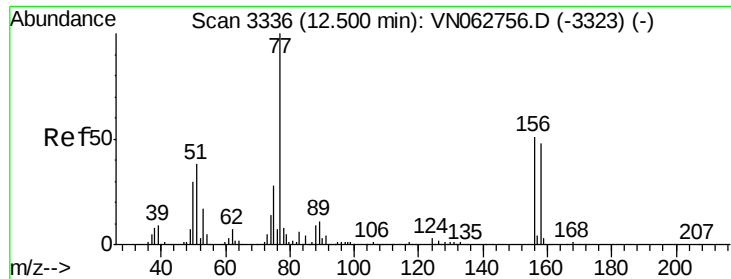
Tgt Ion: 75 Resp: 200800

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.319 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

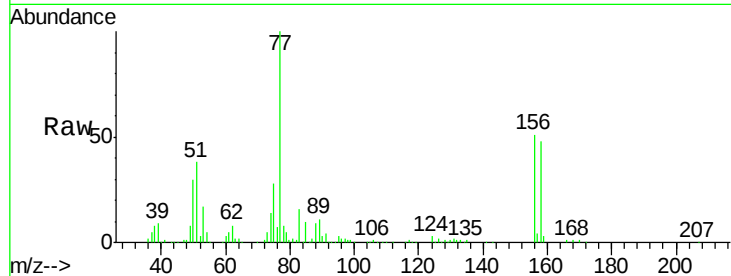
Tgt Ion:156 Resp: 104167

Ion Ratio Lower Upper

156 100

77 239.4 119.7 359.1

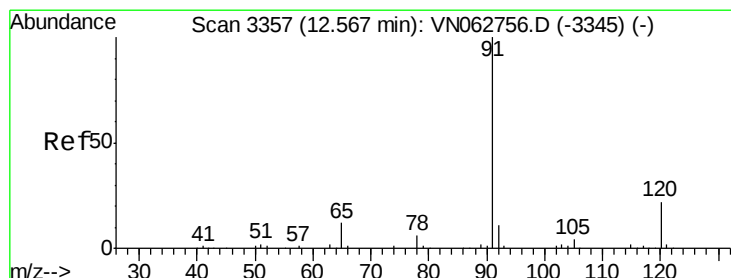
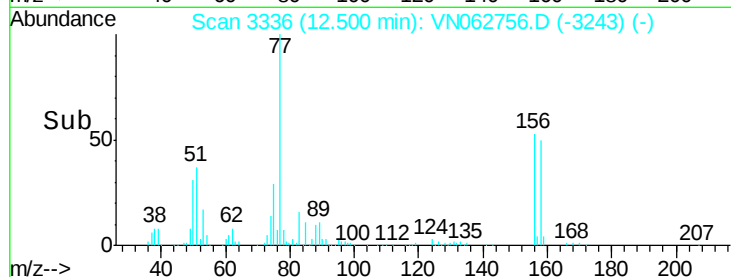
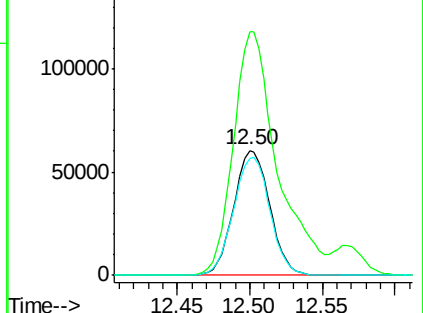
158 96.2 48.1 144.3



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: 48.768 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062756.D

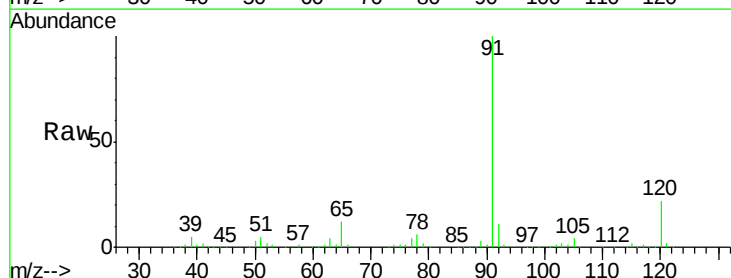
Acq: 5 Aug 2020 12:15

Tgt Ion: 91 Resp: 521283

Ion Ratio Lower Upper

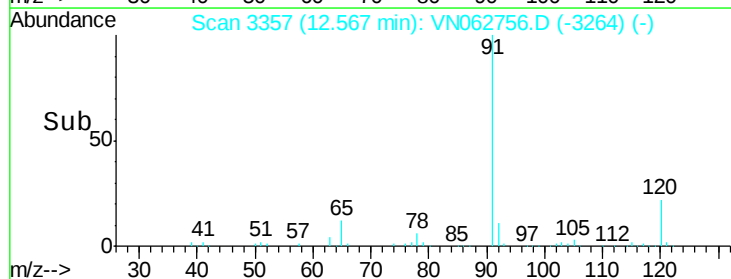
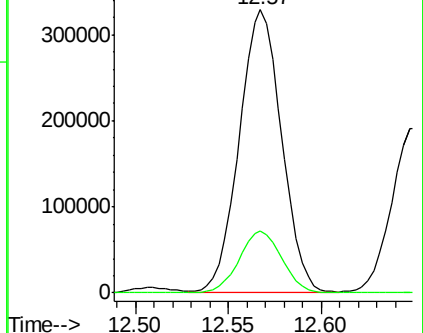
91 100

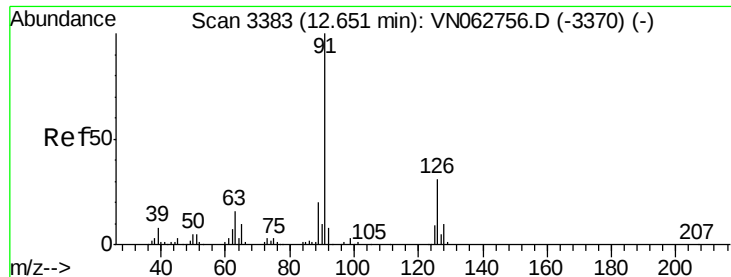
120 21.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.353 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

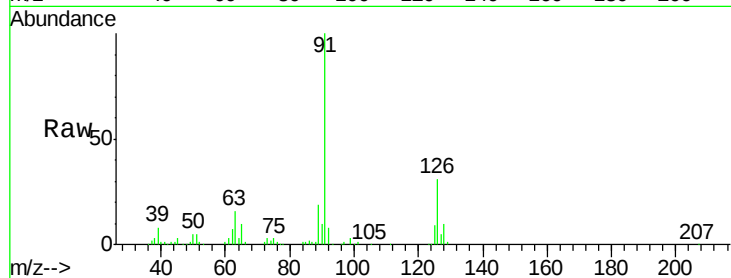
VSTDICCC050

Tgt Ion: 91 Resp: 319316

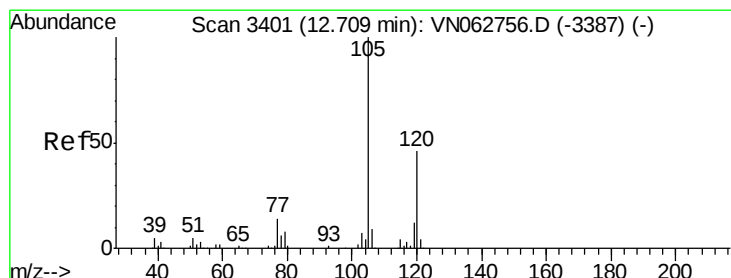
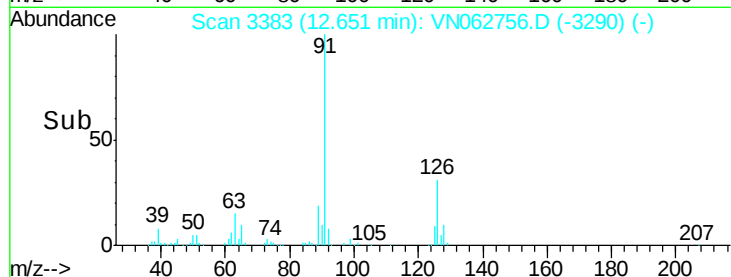
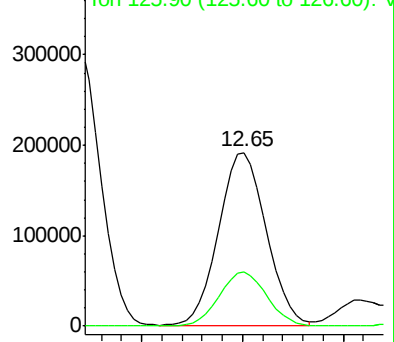
Ion Ratio Lower Upper

91 100

126 31.1 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.639 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062756.D

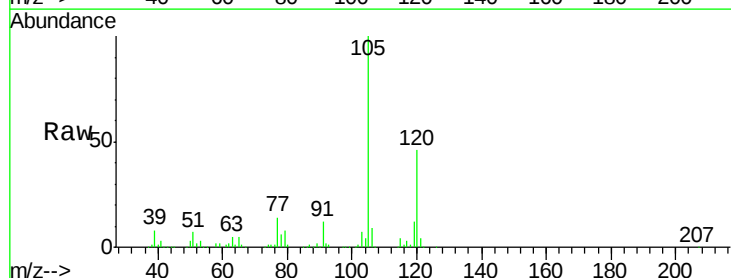
Acq: 5 Aug 2020 12:15

Tgt Ion: 105 Resp: 393439

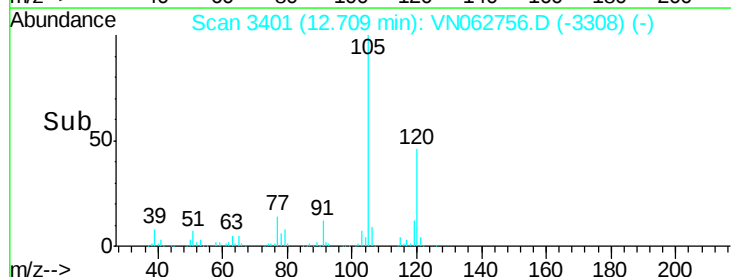
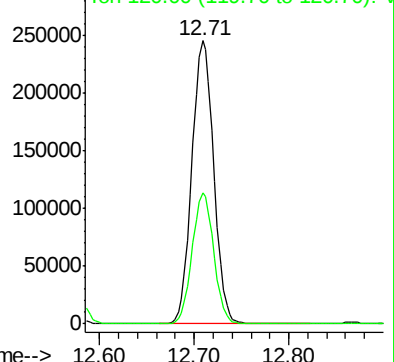
Ion Ratio Lower Upper

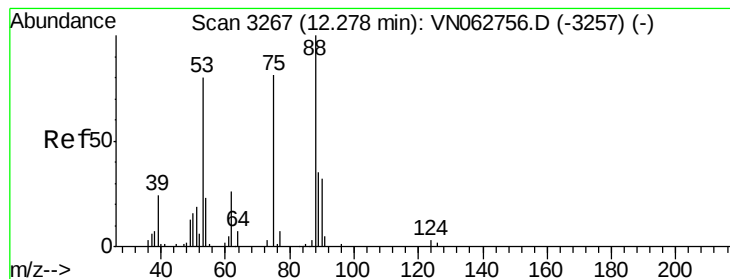
105 100

120 45.7 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VN062756.D (-3387) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.277 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

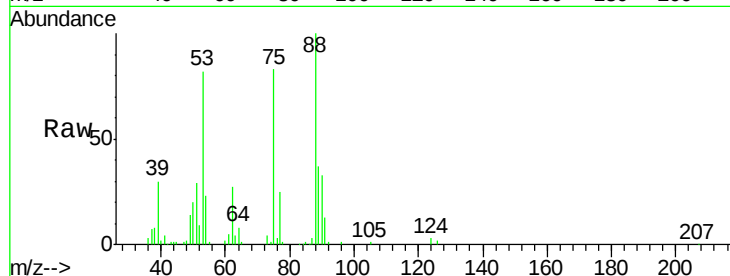
Tgt Ion: 75 Resp: 53397

Ion Ratio Lower Upper

75 100

53 98.9 79.1 118.7

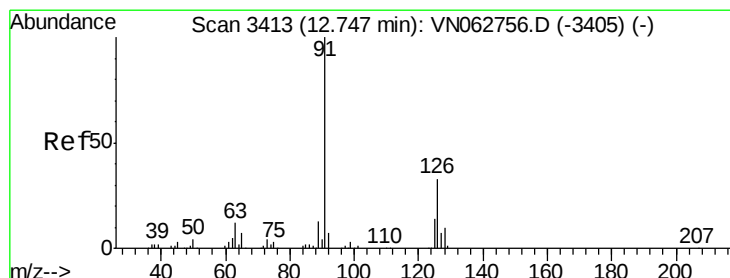
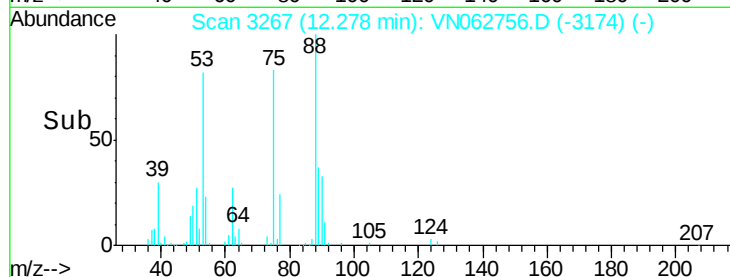
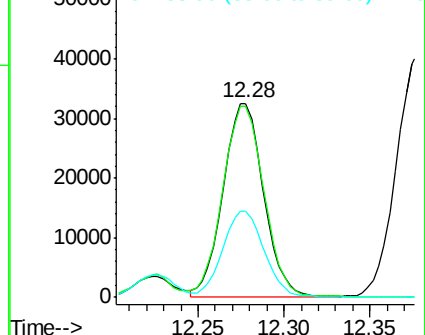
89 45.2 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 48.266 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062756.D

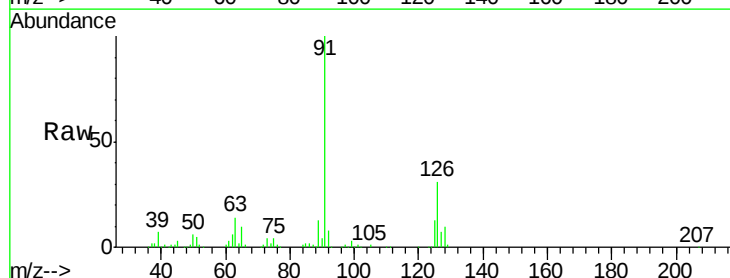
Acq: 5 Aug 2020 12:15

Tgt Ion: 91 Resp: 332005

Ion Ratio Lower Upper

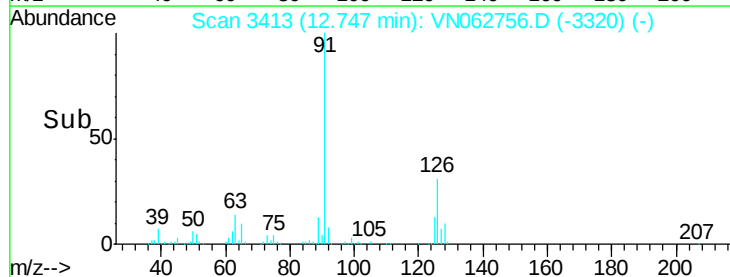
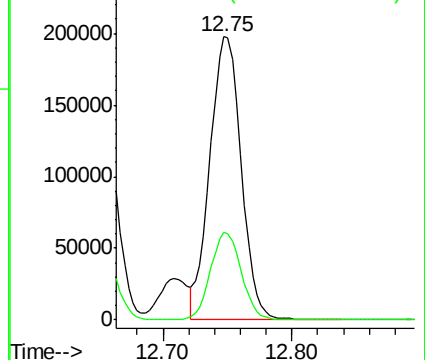
91 100

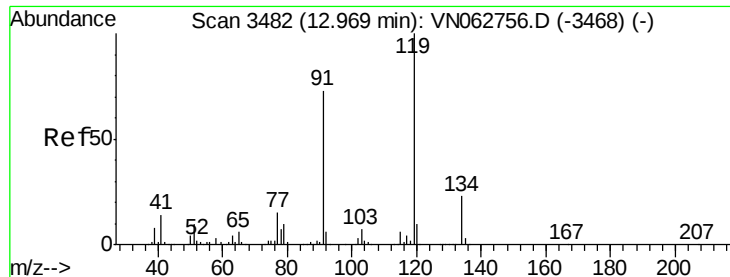
126 30.6 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

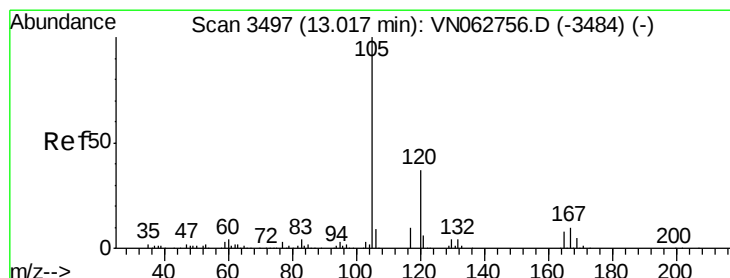
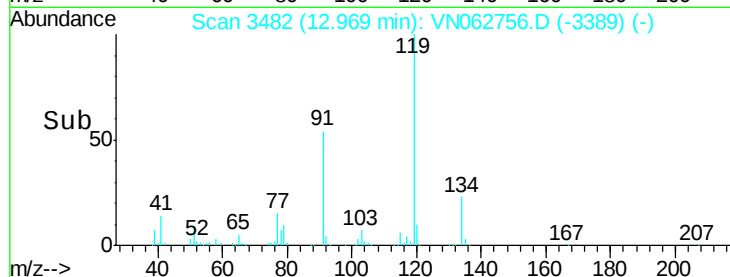
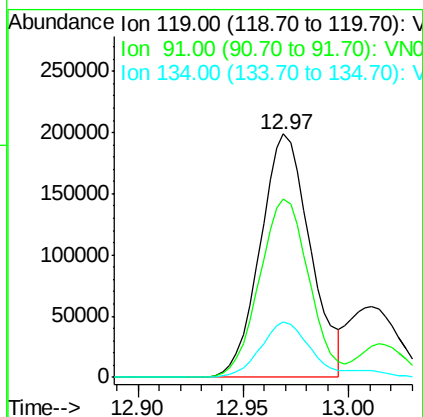
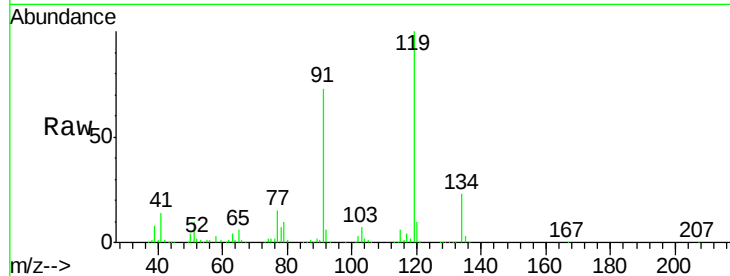




#83
 tert-Butylbenzene
 Concen: 51.722 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

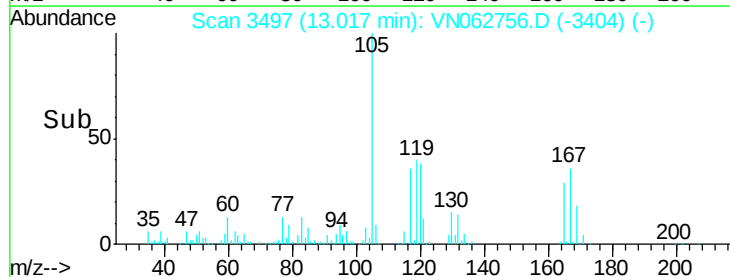
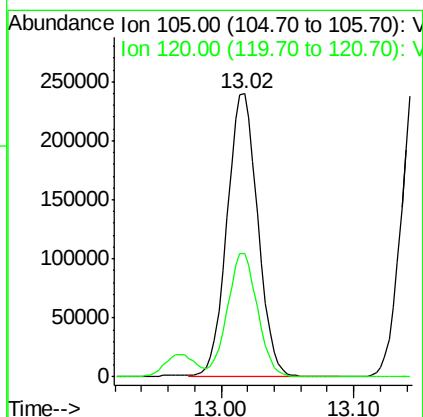
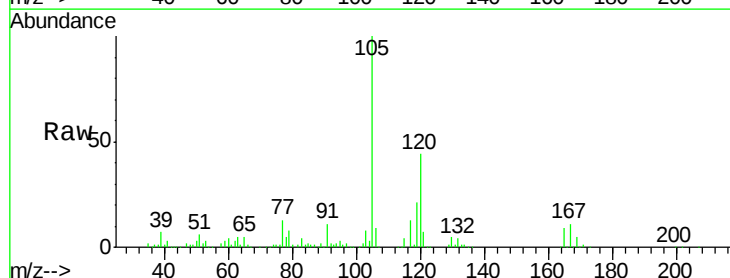
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

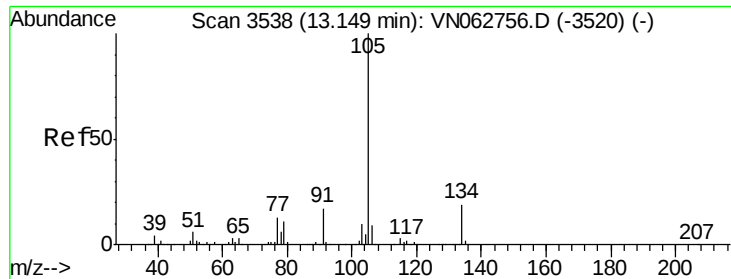
Tgt Ion:119 Resp: 327763
 Ion Ratio Lower Upper
 119 100
 91 73.0 36.5 109.5
 134 22.5 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 51.492 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

Tgt Ion:105 Resp: 385033
 Ion Ratio Lower Upper
 105 100
 120 42.8 21.4 64.2

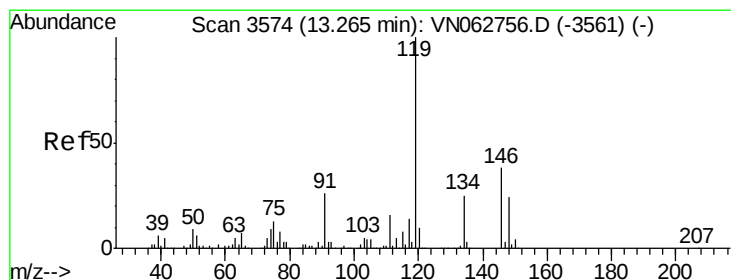
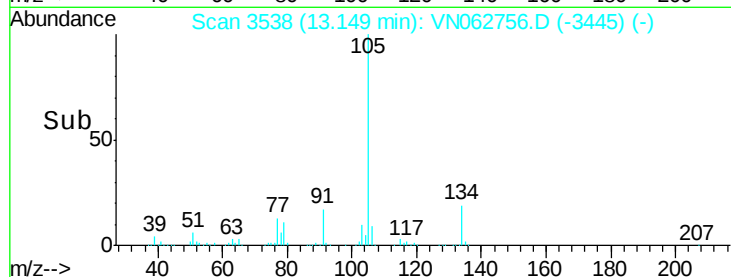
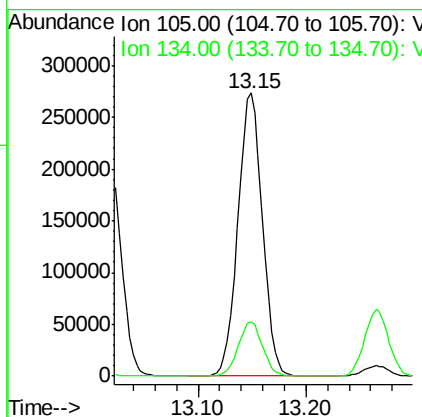
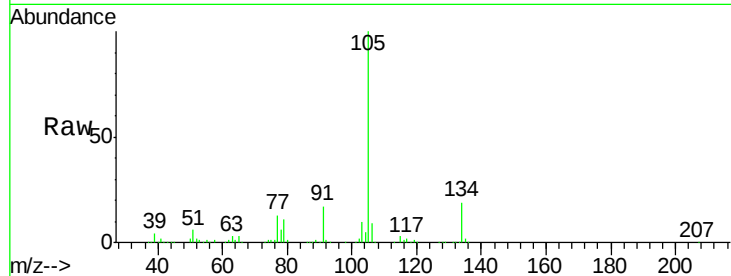




#85
 sec-Butylbenzene
 Concen: 51.035 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

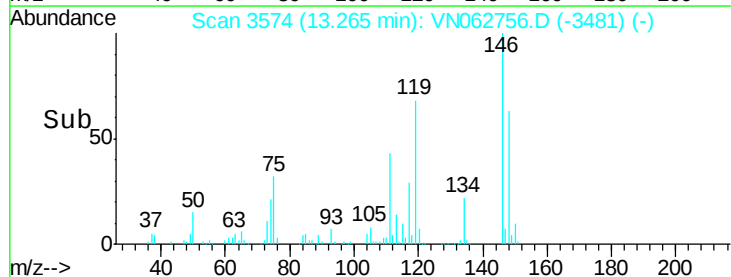
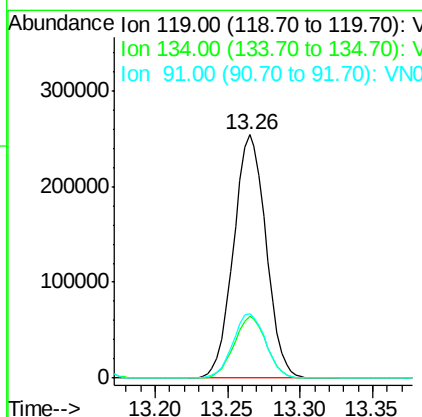
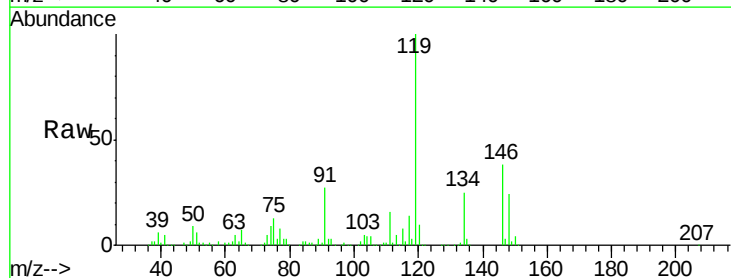
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

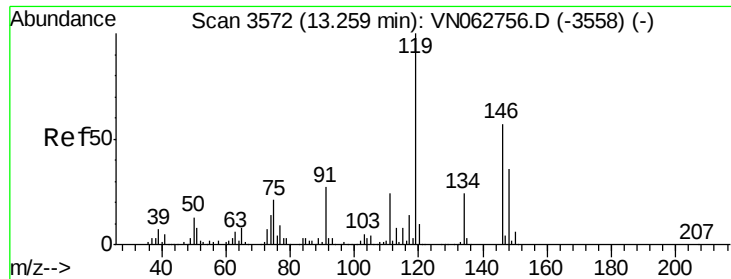
Tgt Ion:105 Resp: 432780
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 53.718 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

Tgt Ion:119 Resp: 394087
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 26.8 13.4 40.2

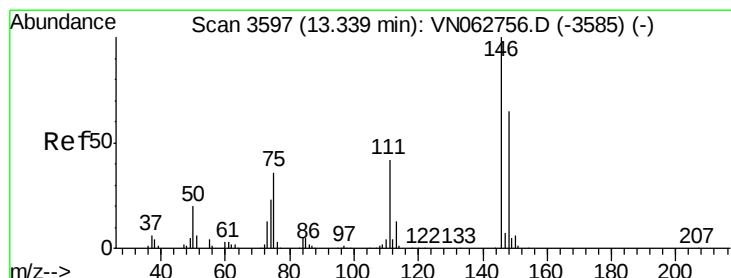
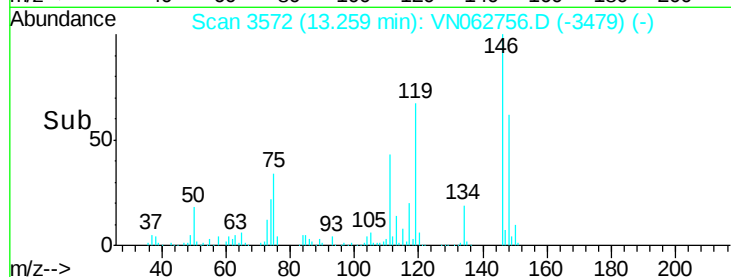
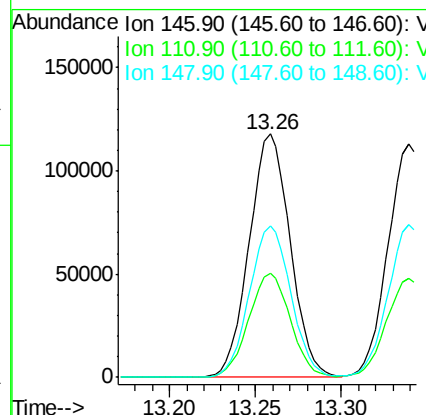
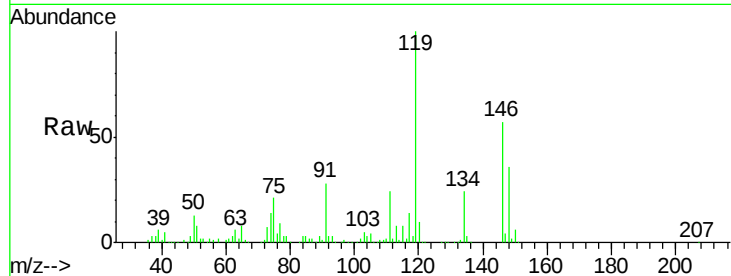




#87
 1,3-Dichlorobenzene
 Concen: 50.071 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

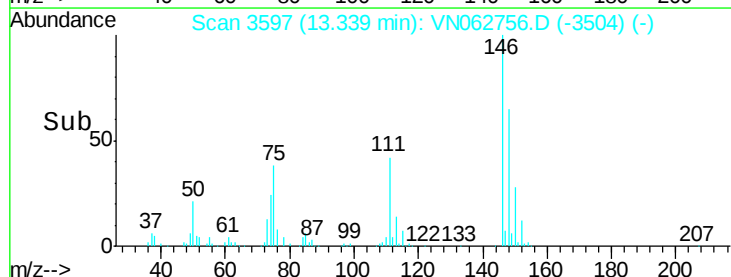
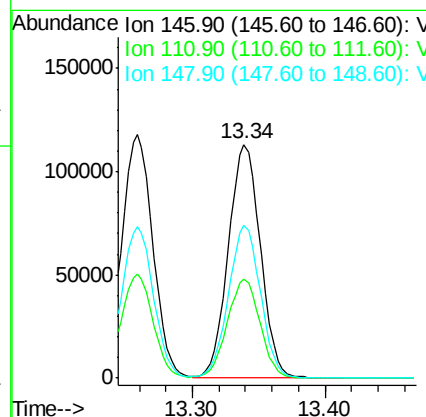
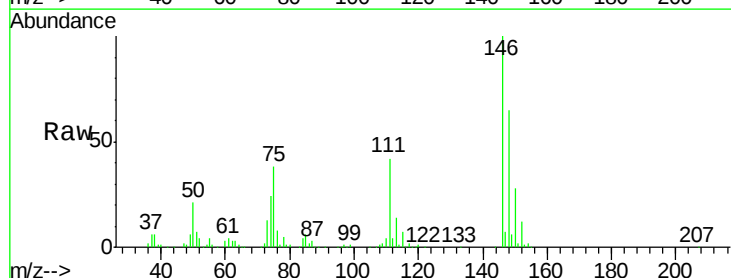
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

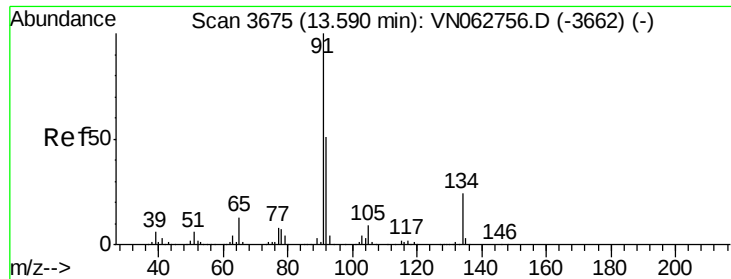
Tgt Ion:146 Resp: 194942
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.7 65.1
 148 62.8 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 49.655 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

Tgt Ion:146 Resp: 189584
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.6 64.6
 148 65.2 32.6 97.8

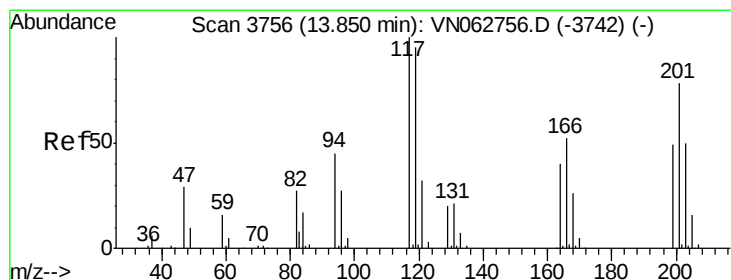
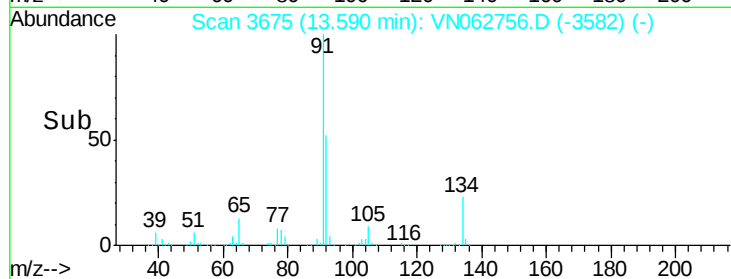
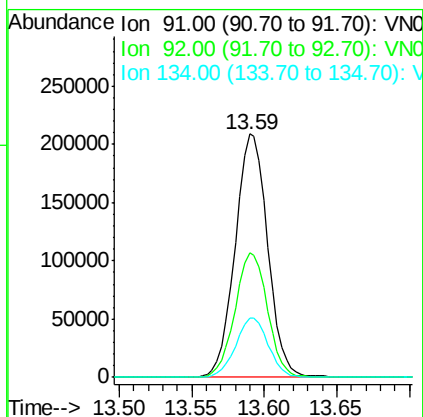
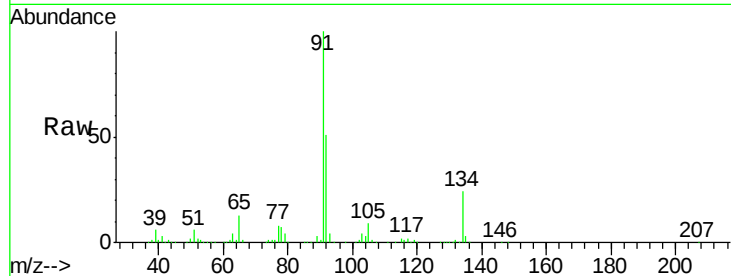




#89
n-Butylbenzene
Concen: 51.788 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

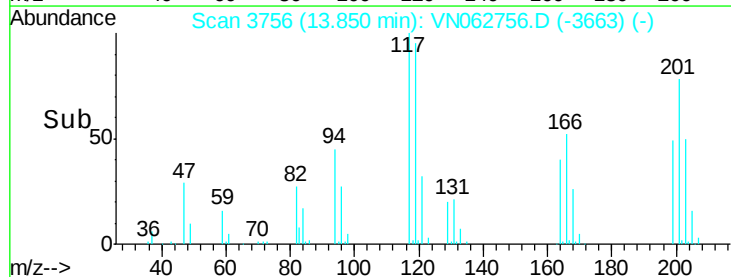
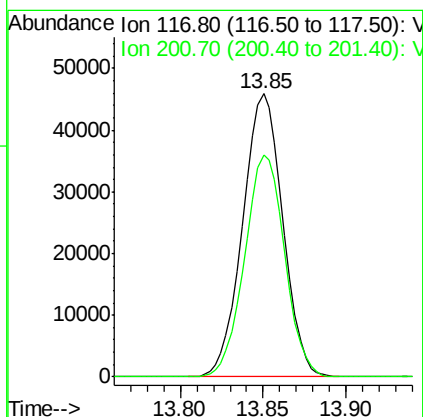
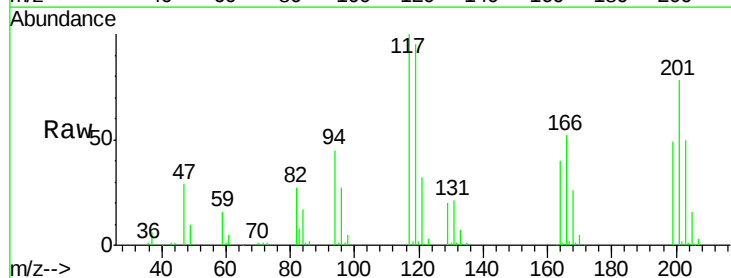
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MSVOA_N
ClientSampled :
VSTDICCC050

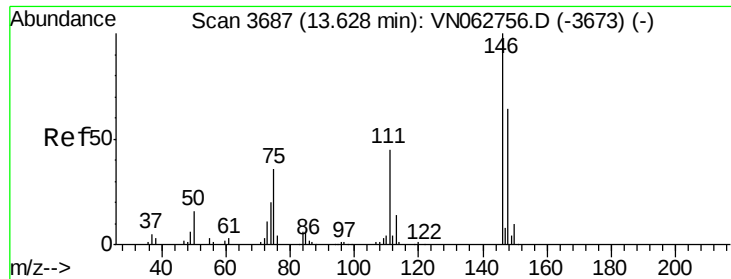
Tgt Ion: 91 Resp: 325167
Ion Ratio Lower Upper
91 100
92 51.3 25.7 77.0
134 24.4 12.2 36.6



#90
Hexachloroethane
Concen: 49.412 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062756.D
Acq: 5 Aug 2020 12:15

Tgt Ion: 117 Resp: 77208
Ion Ratio Lower Upper
117 100
201 78.4 39.2 117.6

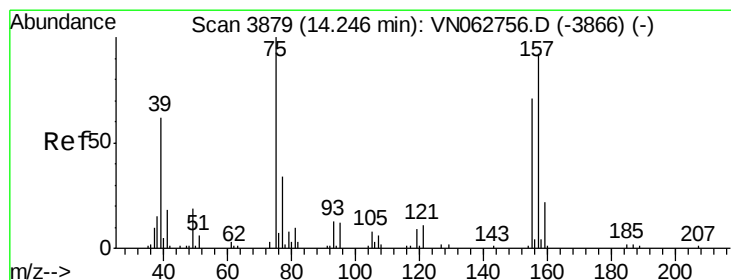
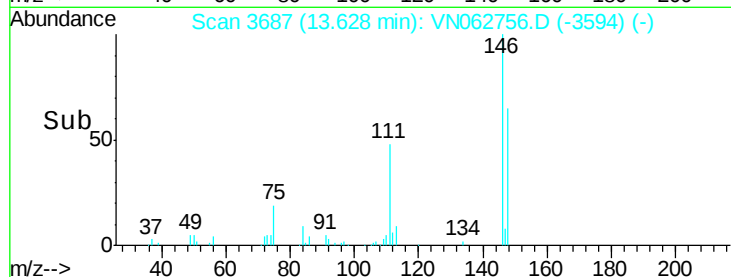
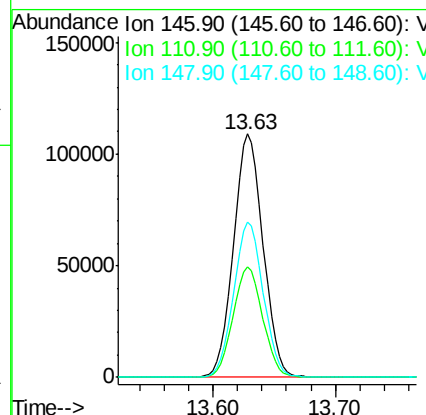
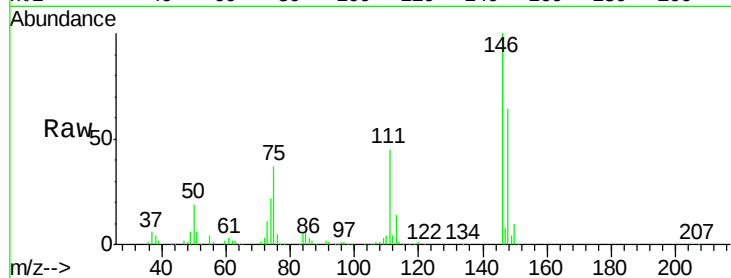




#91
 1,2-Dichlorobenzene
 Concen: 49.849 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

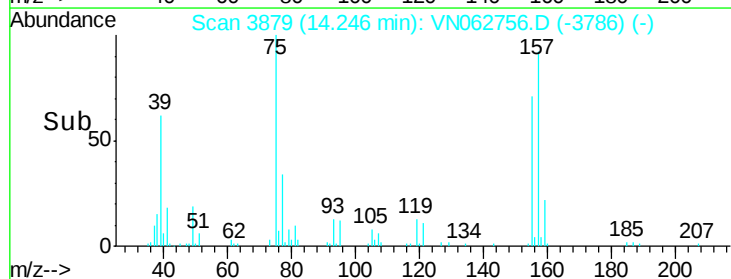
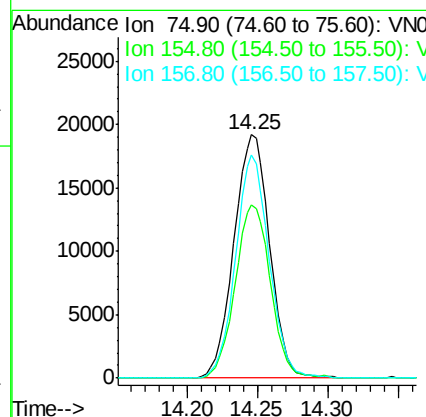
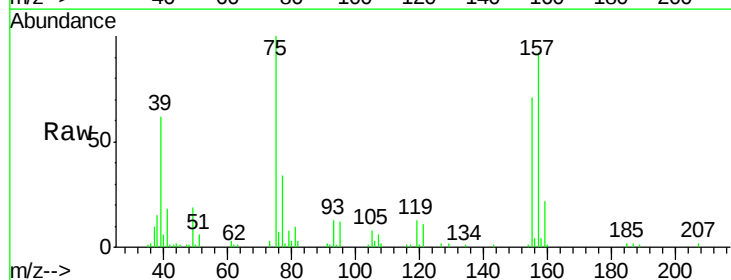
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tgt Ion:146 Resp: 184459
 Ion Ratio Lower Upper
 146 100
 111 45.6 22.8 68.4
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.082 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

Tgt Ion: 75 Resp: 34052
 Ion Ratio Lower Upper
 75 100
 155 70.1 35.0 105.1
 157 86.4 43.2 129.6

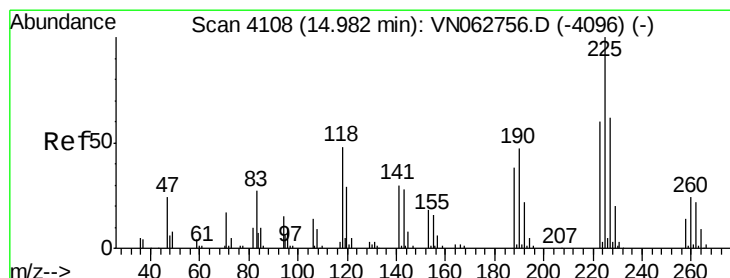
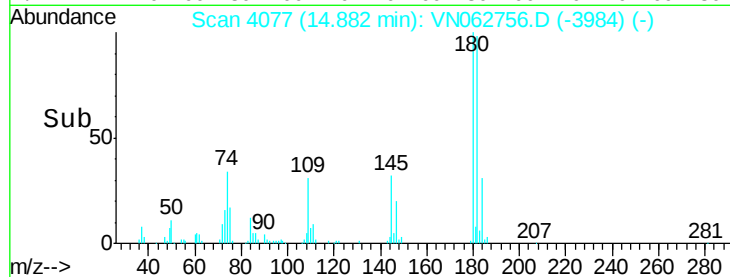
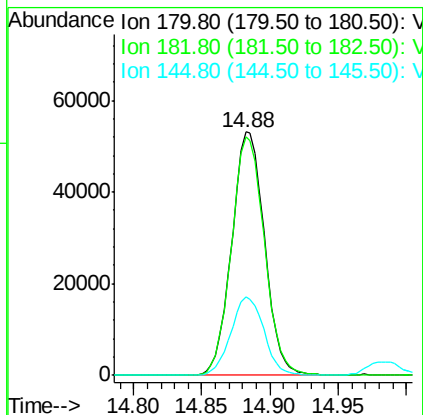
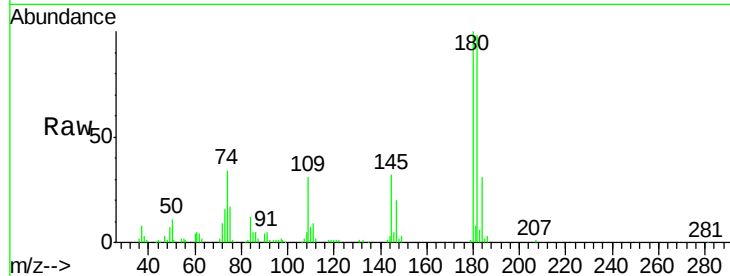




#93
 1,2,4-Trichlorobenzene
 Concen: 51.843 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

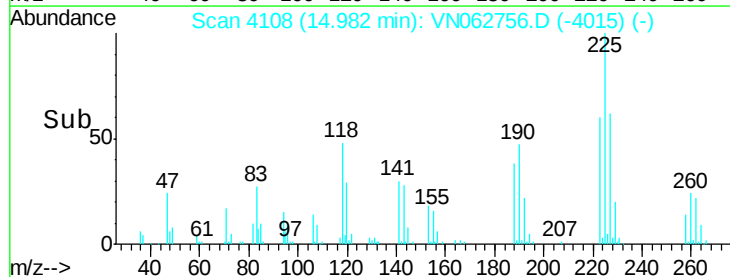
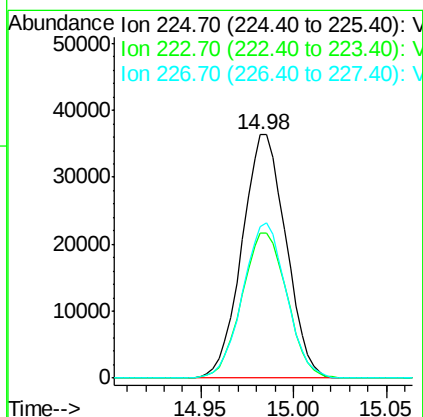
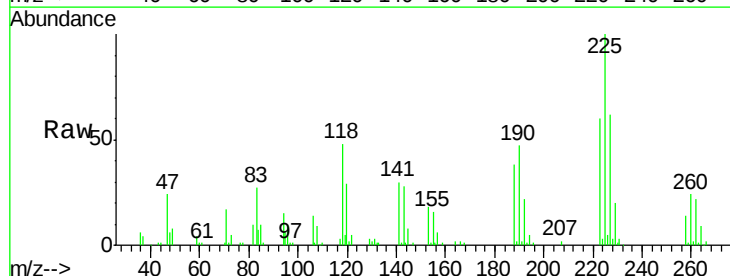
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

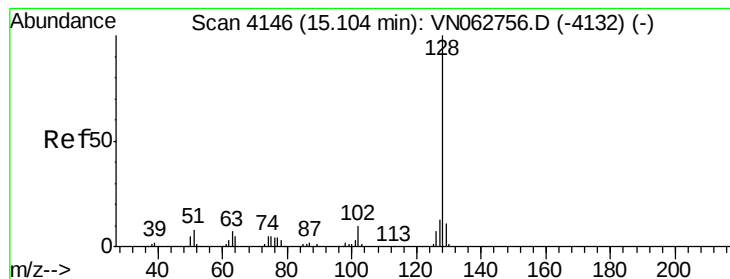
Tgt Ion:180 Resp: 88934
 Ion Ratio Lower Upper
 180 100
 182 98.3 49.1 147.4
 145 32.5 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 52.829 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062756.D
 Acq: 5 Aug 2020 12:15

Tgt Ion:225 Resp: 59700
 Ion Ratio Lower Upper
 225 100
 223 61.3 30.6 92.0
 227 63.3 31.6 95.0





#95

Naphthalene

Concen: 50.734 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

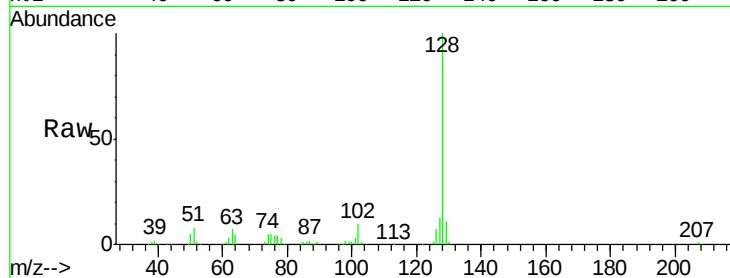
Tgt Ion:128 Resp: 240070

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

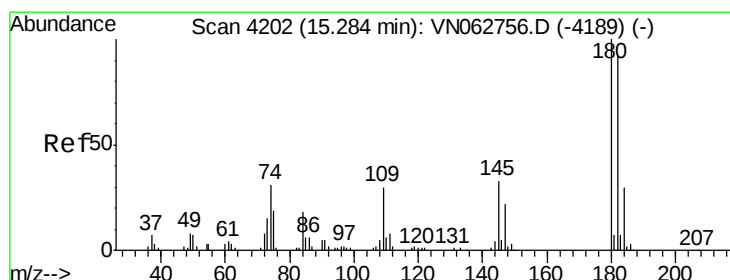
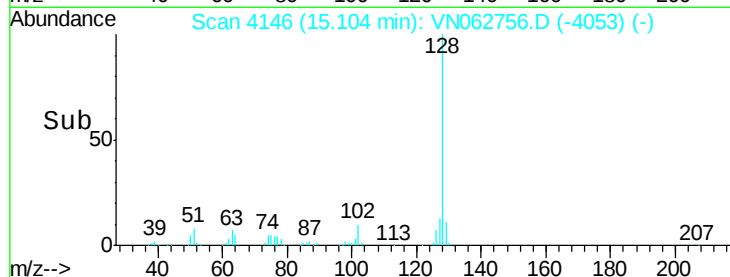
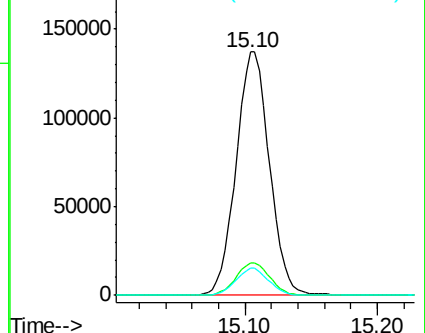
129 11.0 8.8 13.2



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: 51.589 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062756.D

Acq: 5 Aug 2020 12:15

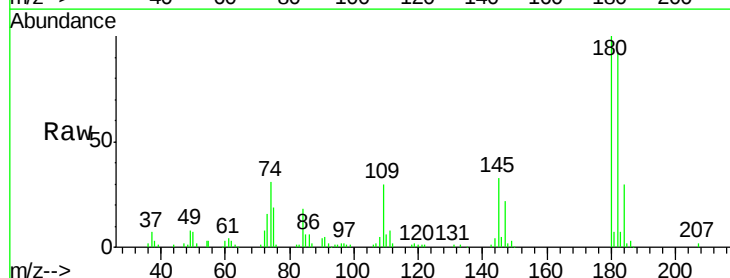
Tgt Ion:180 Resp: 90204

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.6

145 34.5 17.3 51.7



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

