

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081820\
 Data File : VN062996.D
 Acq On : 18 Aug 2020 19:53
 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 19 05:49:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	178462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	263999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	253805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	126765	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	101670	48.07	ug/l	0.00
Spiked Amount						
			Recovery	=	96.14%	
35) Dibromofluoromethane	7.55	113	85344	49.61	ug/l	0.00
Spiked Amount						
			Recovery	=	99.22%	
50) Toluene-d8	10.06	98	333089	50.41	ug/l	0.00
Spiked Amount						
			Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.38	95	117610	50.44	ug/l	0.00
Spiked Amount						
			Recovery	=	100.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	118952	56.293	ug/l	100
3) Chloromethane	2.03	50	131695	53.820	ug/l	100
4) Vinyl Chloride	2.16	62	131760	55.679	ug/l	100
5) Bromomethane	2.51	94	73662	52.444	ug/l	100
6) Chloroethane	2.66	64	74893	53.604	ug/l	100
7) Trichlorofluoromethane	2.98	101	155236	52.603	ug/l	100
8) Diethyl Ether	3.37	74	50427	48.302	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	76709	48.239	ug/l	100
10) Methyl Iodide	3.91	142	107511	53.339	ug/l	100
11) Tert butyl alcohol	4.74	59	75219	251.068	ug/l	100
12) 1,1-Dichloroethene	3.70	96	71755	47.368	ug/l	100
13) Acrolein	3.57	56	16321	173.895	ug/l	100
14) Allyl chloride	4.27	41	132489	49.603	ug/l	100
15) Acrylonitrile	4.93	53	231136	262.485	ug/l	100
16) Acetone	3.78	43	165075	229.190	ug/l	100
17) Carbon Disulfide	4.01	76	198695	50.084	ug/l	100
18) Methyl Acetate	4.28	43	102145	48.596	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	282411	53.457	ug/l	100
20) Methylene Chloride	4.50	84	93841	39.514	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	81122	51.171	ug/l	100
22) Diisopropyl ether	5.91	45	322615	53.227	ug/l	100
23) Vinyl Acetate	5.84	43	1054014	257.698	ug/l	100
24) 1,1-Dichloroethane	5.80	63	169650	50.089	ug/l	100
25) 2-Butanone	6.79	43	283695	252.641	ug/l	100
26) 2,2-Dichloropropane	6.78	77	129073	48.457	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	98991	49.818	ug/l	100
28) Bromochloromethane	7.15	49	85411	48.196	ug/l	100
29) Tetrahydrofuran	7.17	42	193630	267.176	ug/l	100
30) Chloroform	7.33	83	170481	49.978	ug/l	100
31) Cyclohexane	7.62	56	162011	51.971	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	138403	49.699	ug/l	100
36) 1,1-Dichloropropene	7.75	75	117936	50.692	ug/l	100
37) Ethyl Acetate	6.88	43	111118	50.846	ug/l	100
38) Carbon Tetrachloride	7.73	117	118827	50.591	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	155858	56.695	ug/l	100
40) Benzene	8.00	78	375828	50.933	ug/l	100
41) Methacrylonitrile	7.12	41	55184	53.131	ug/l	100
42) 1,2-Dichloroethane	8.09	62	125088	50.487	ug/l	100
43) Isopropyl Acetate	8.13	43	185598	51.390	ug/l	100
44) Trichloroethene	8.80	130	91557	49.883	ug/l	100
45) 1,2-Dichloropropane	9.08	63	107547	50.423	ug/l	100
46) Dibromomethane	9.18	93	64204	52.106	ug/l	100
47) Bromodichloromethane	9.37	83	139592	51.725	ug/l	100
48) Methyl methacrylate	9.17	41	90274	52.829	ug/l	100
49) 1,4-Dioxane	9.17	88	37877	1137.147	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	608862	266.718	ug/l	100
52) Toluene	10.13	92	235519	52.911	ug/l	100
53) t-1,3-Dichloropropene	10.36	75	146637	52.542	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	160680	52.484	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	97756	51.362	ug/l	100
56) Ethyl methacrylate	10.40	69	141914	55.217	ug/l	100
57) 1,3-Dichloropropane	10.68	76	161262	51.025	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	163241	265.007	ug/l	100
59) 2-Hexanone	10.72	43	427182	268.279	ug/l	100
60) Dibromochloromethane	10.88	129	107406	50.993	ug/l	100
61) 1,2-Dibromoethane	10.98	107	95762	52.363	ug/l	100
64) Tetrachloroethene	10.60	164	83716	50.178	ug/l	100
65) Chlorobenzene	11.41	112	257485	50.514	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	99129	49.998	ug/l	100
67) Ethyl Benzene	11.49	91	457263	53.090	ug/l	100
68) m/p-Xylenes	11.60	106	350927	109.624	ug/l	100
69) o-Xylene	11.92	106	167706	54.556	ug/l	100
70) Styrene	11.94	104	296992	56.296	ug/l	100
71) Bromoform	12.10	173	80436	50.969	ug/l #	100
73) Isopropylbenzene	12.23	105	452417	52.116	ug/l	100
74) N-amyl acetate	12.05	43	170039	54.691	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	145674	47.033	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	177460	71.078	ug/l #	100
77) Bromobenzene	12.50	156	118322	49.559	ug/l	100
78) n-propylbenzene	12.57	91	534878	54.057	ug/l	100
79) 2-Chlorotoluene	12.65	91	316560	50.864	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	390945	54.479	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	47548	52.998	ug/l	100
82) 4-Chlorotoluene	12.75	91	328177	51.785	ug/l	100
83) tert-Butylbenzene	12.97	119	329990	53.278	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	383525	54.860	ug/l	100
85) sec-Butylbenzene	13.15	105	449340	53.680	ug/l	100
86) p-Isopropyltoluene	13.26	119	398416	54.625	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	210169	51.222	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	210393	50.520	ug/l	100
89) n-Butylbenzene	13.59	91	327677	53.236	ug/l	100
90) Hexachloroethane	13.85	117	76521	49.361	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	203037	51.228	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	23388	53.496	ug/l	100

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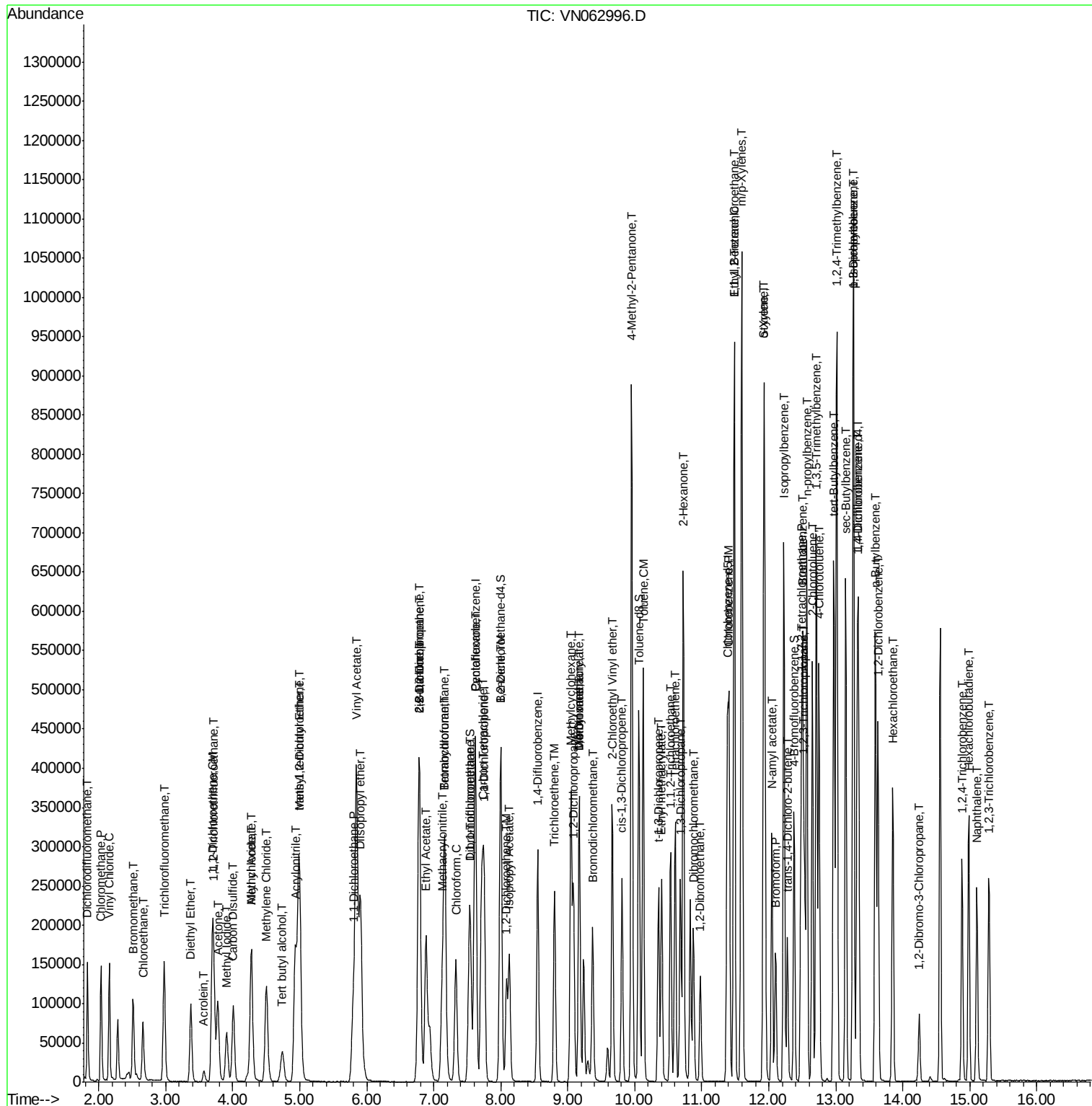
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	99259	57.318	ug/l	100
94) Hexachlorobutadiene	14.99	225	72180	49.284	ug/l	100
95) Naphthalene	15.11	128	214602	55.557	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	97783	56.224	ug/l	100

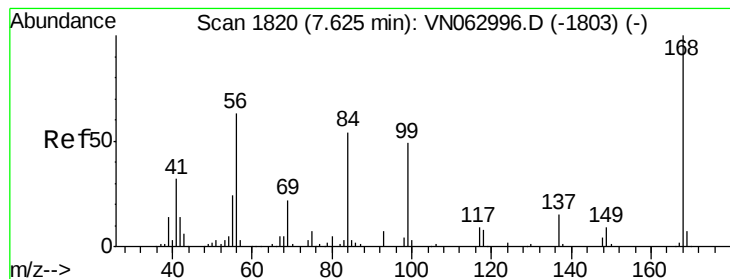
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

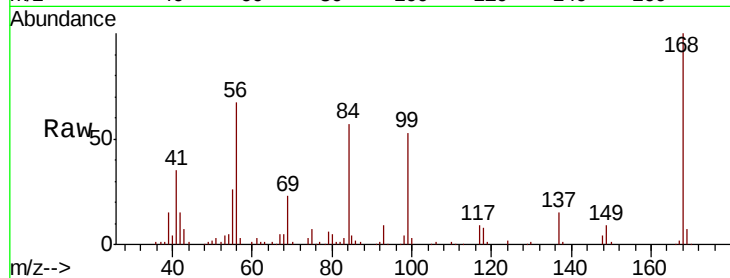
VSTDICCC050

Tot Ion:168 Resp: 178462

Ion Ratio Lower Upper

168 100

99 52.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

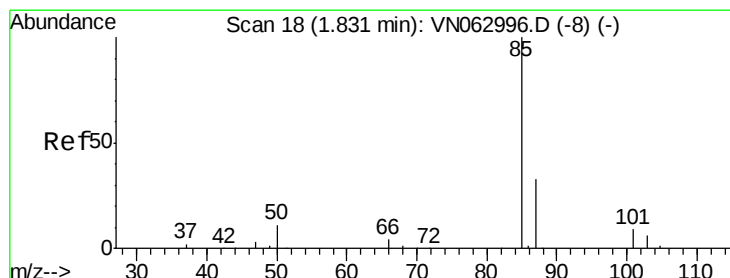
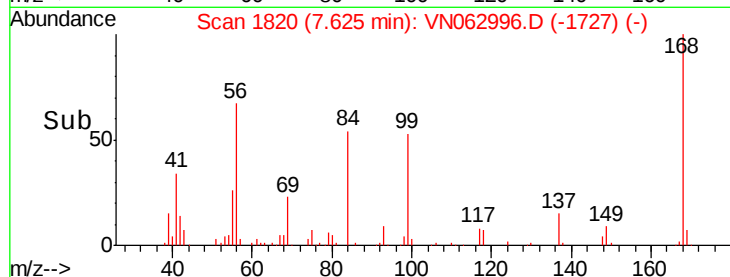
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 56.293 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062996.D

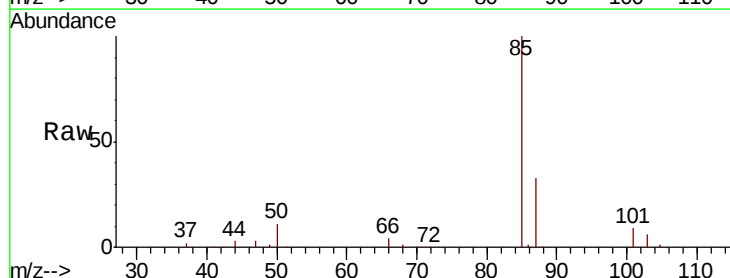
Acq: 18 Aug 2020 19:53

Tgt Ion: 85 Resp: 118952

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

100000

80000

60000

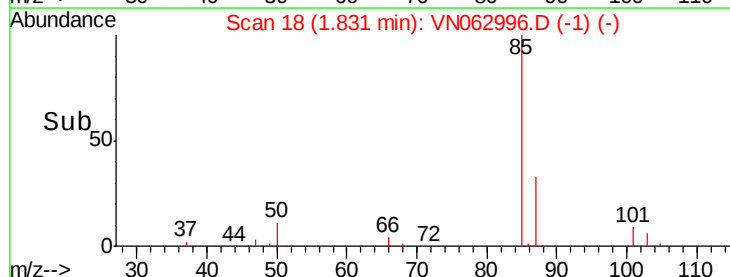
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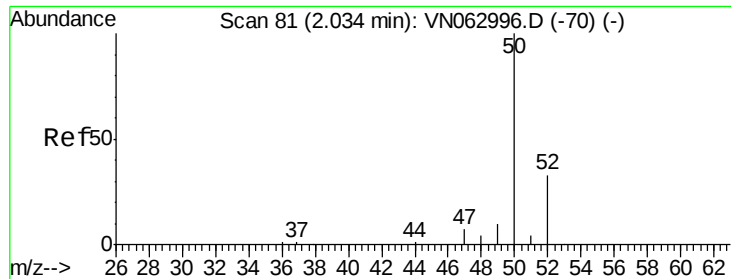
20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 53.820 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

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ClientSampleId :

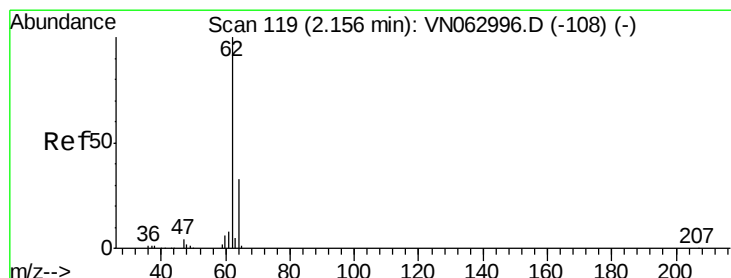
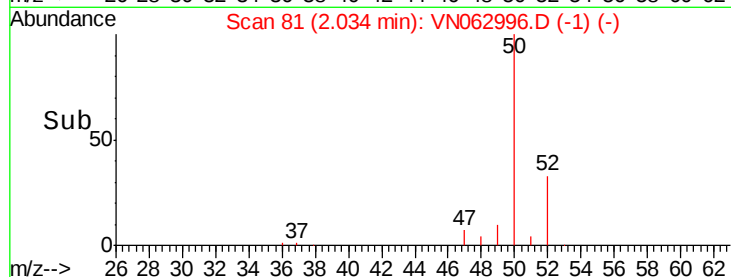
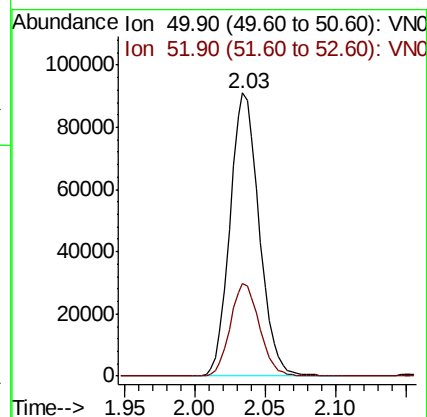
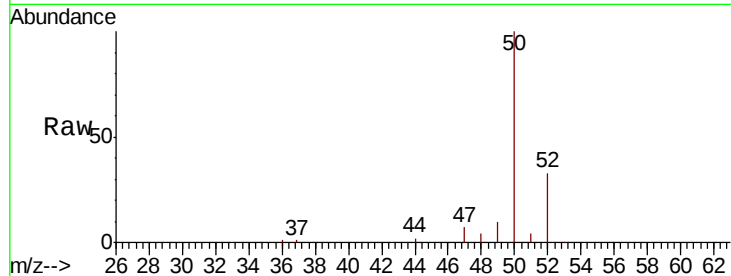
VSTDICCC050

Tot Ion: 50 Resp: 131695

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



#4

Vinyl Chloride

Concen: 55.679 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062996.D

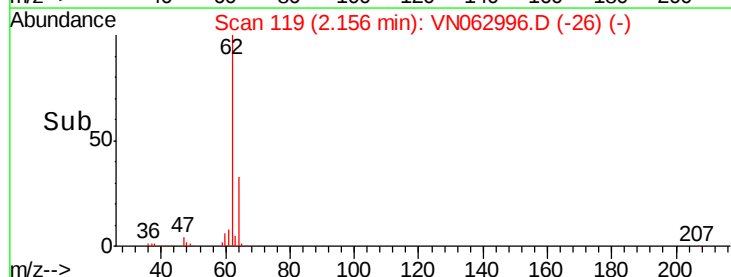
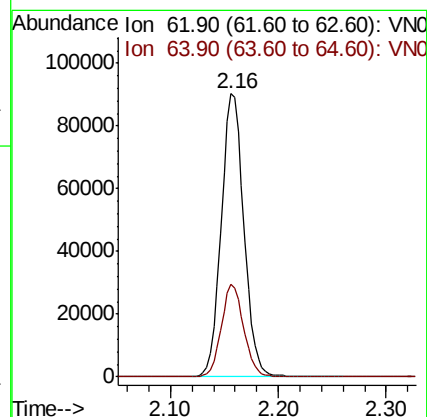
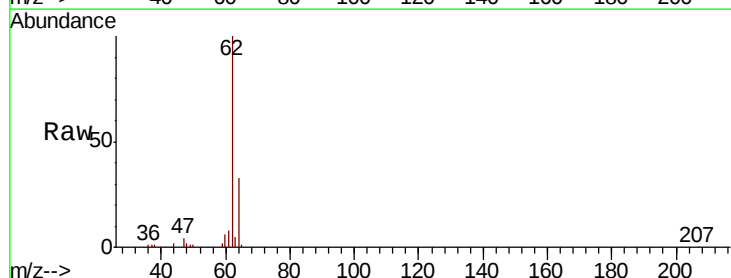
Acq: 18 Aug 2020 19:53

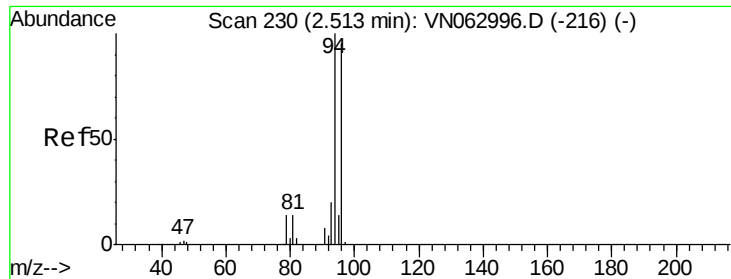
Tgt Ion: 62 Resp: 131760

Ion Ratio Lower Upper

62 100

64 32.7 26.2 39.2





#5

Bromomethane

Concen: 52.444 ug/l

RT: 2.51 min Scan# 230

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

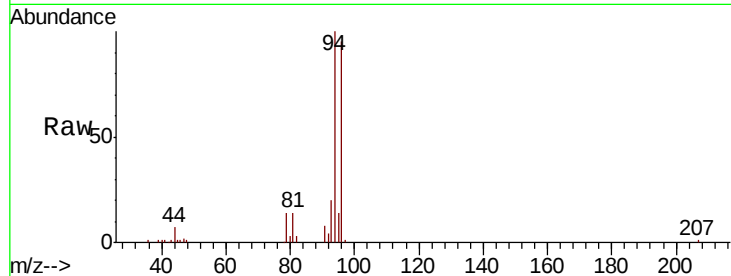
VSTDICCC050

Tot Ion: 94 Resp: 73662

Ion Ratio Lower Upper

94 100

96 94.8 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VN062996.D (-216) (-)

Ion 95.90 (95.60 to 96.60): VN062996.D (-216) (-)

2.51

40000

30000

20000

10000

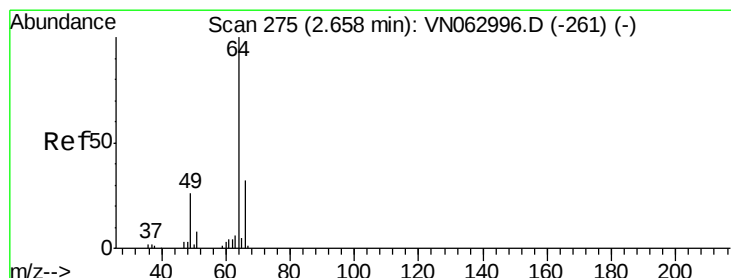
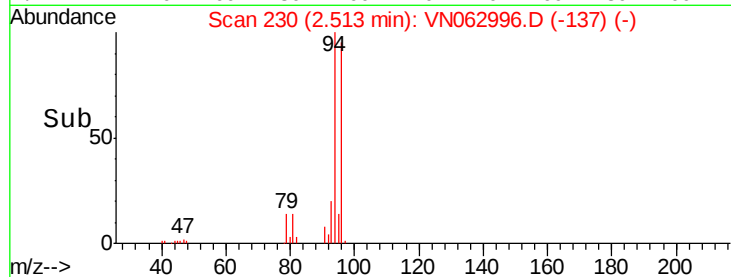
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Time-->

2.40

2.50

2.60



#6

Chloroethane

Concen: 53.604 ug/l

RT: 2.66 min Scan# 275

Delta R.T. 0.00 min

Lab File: VN062996.D

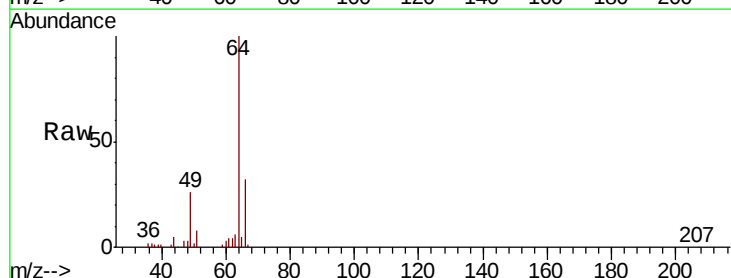
Acq: 18 Aug 2020 19:53

Tgt Ion: 64 Resp: 74893

Ion Ratio Lower Upper

64 100

66 31.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN062996.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062996.D (-261) (-)

2.66

40000

30000

20000

10000

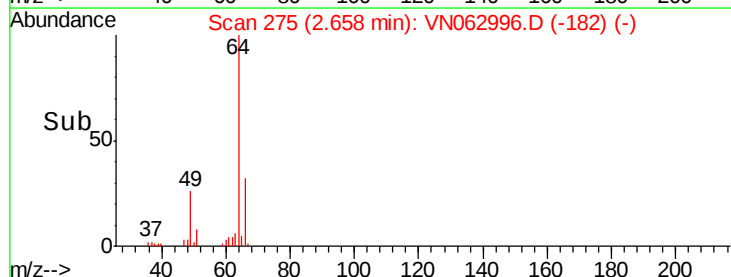
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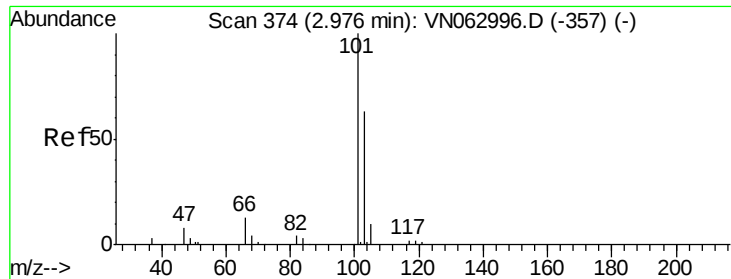
Time-->

2.60

2.70

2.80



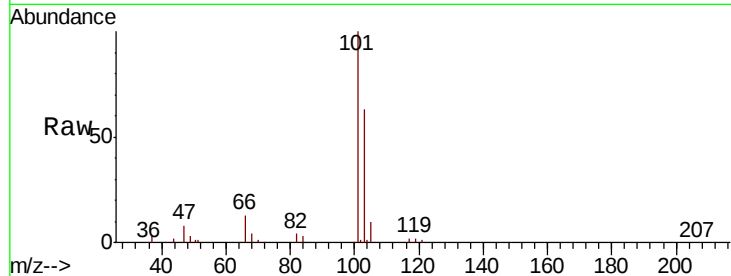


#7

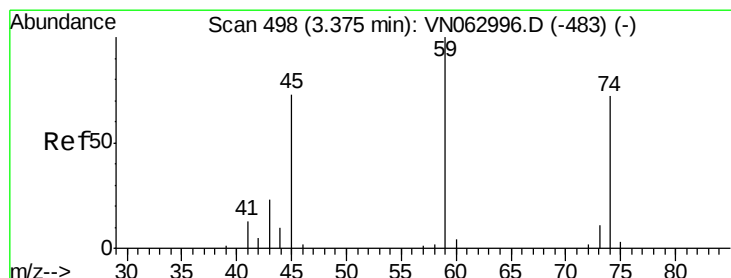
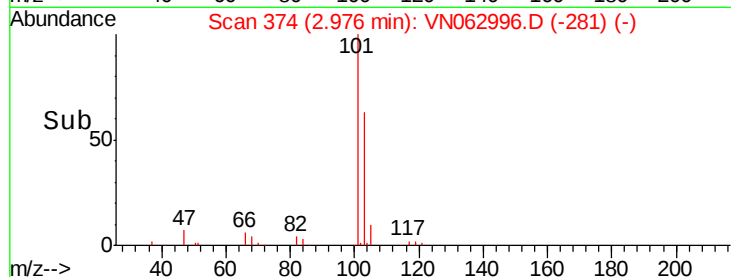
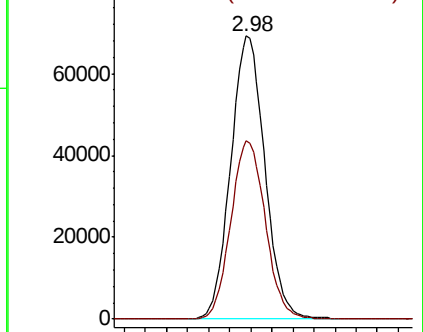
Trichlorofluoromethane
 Concen: 52.603 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VN062996.D
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Instrument :
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Tot Ion:101 Resp: 155236
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.5 75.7



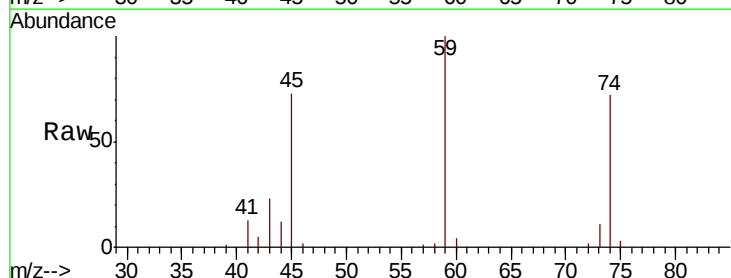
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



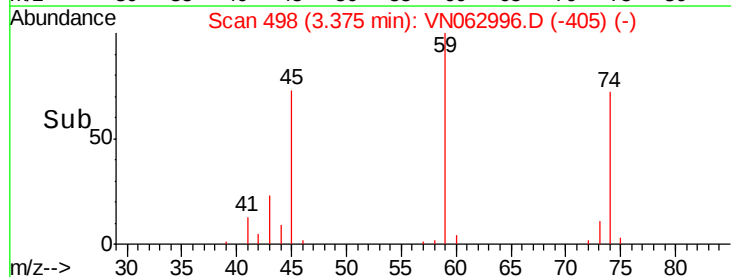
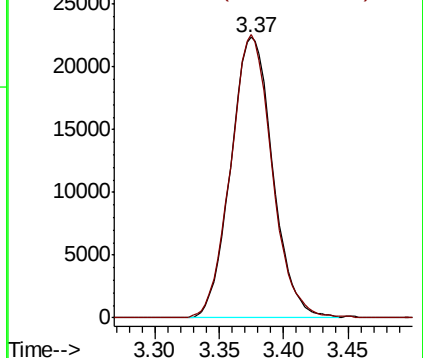
#8

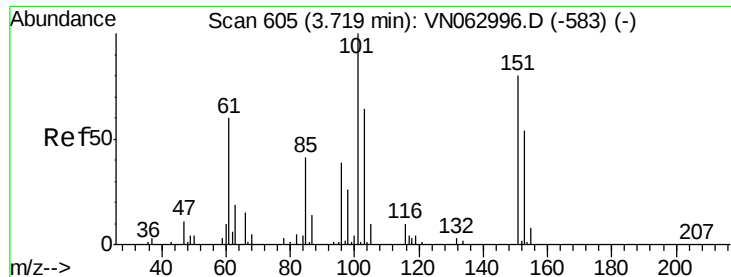
Diethyl Ether
 Concen: 48.302 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062996.D
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Tgt Ion: 74 Resp: 50427
 Ion Ratio Lower Upper
 74 100
 45 99.8 49.9 149.7



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.239 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062996.D

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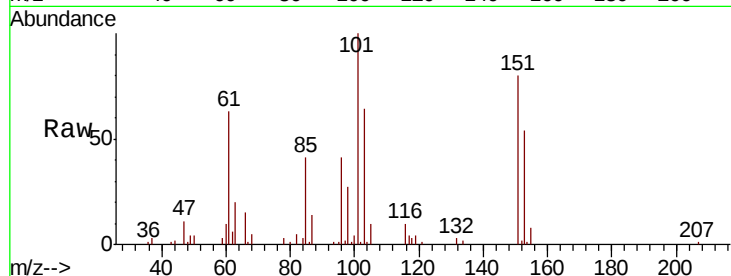
Tot Ion:101 Resp: 76709

Ion Ratio Lower Upper

101 100

85 42.5 34.0 51.0

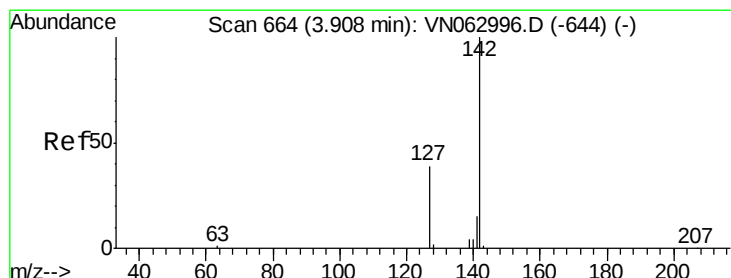
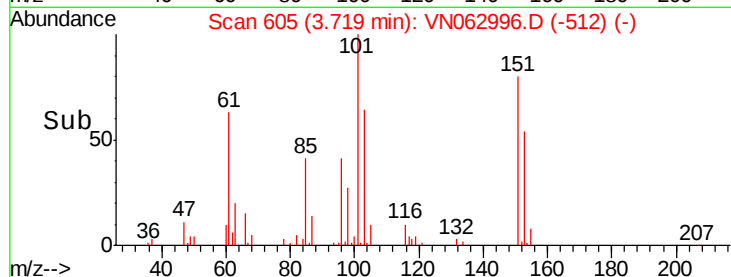
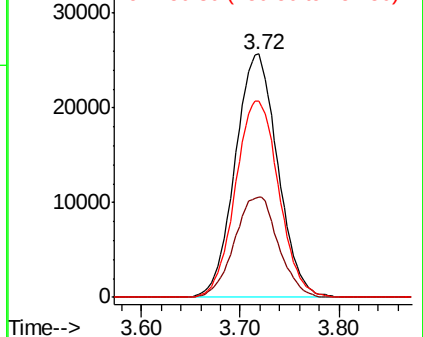
151 82.3 65.8 98.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.339 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

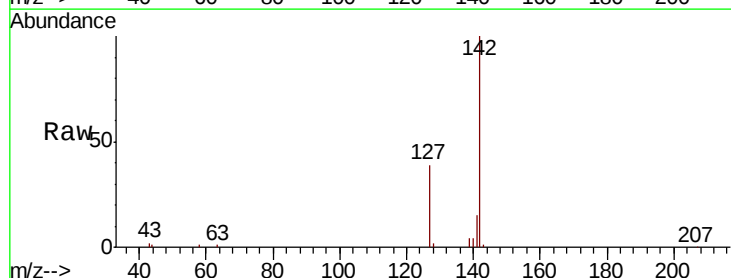
Tgt Ion:142 Resp: 107511

Ion Ratio Lower Upper

142 100

127 40.3 32.2 48.4

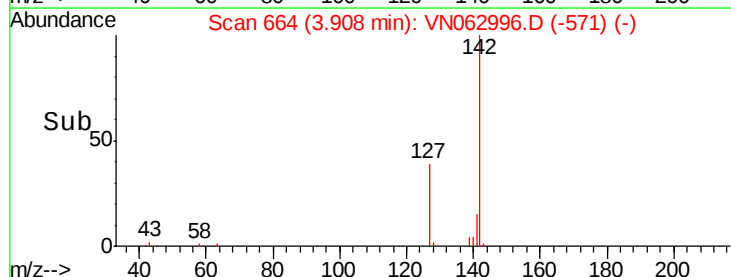
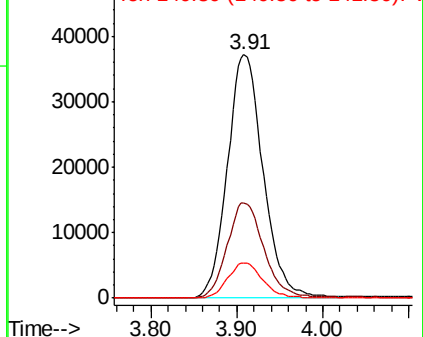
141 14.1 11.3 16.9

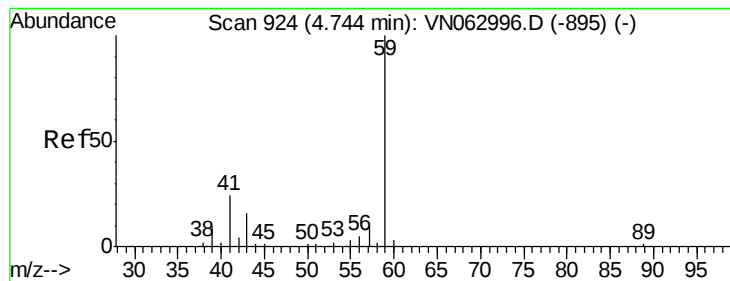


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



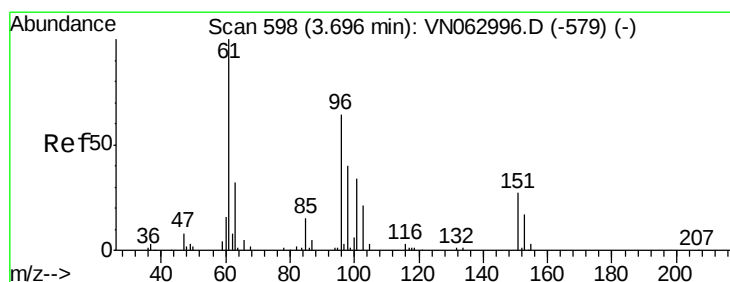
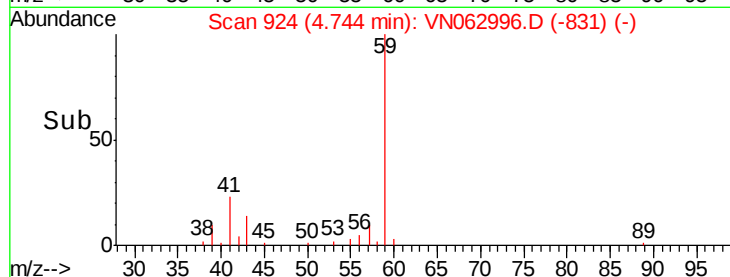
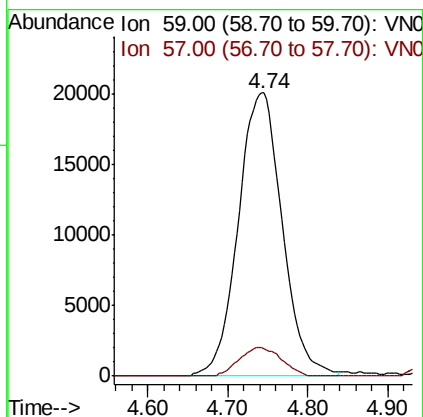
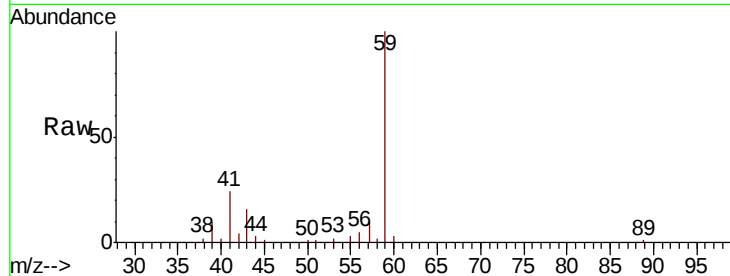


#11

Tert butyl alcohol
 Concen: 251.068 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: VN062996.D
 Acq: 18 Aug 2020 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

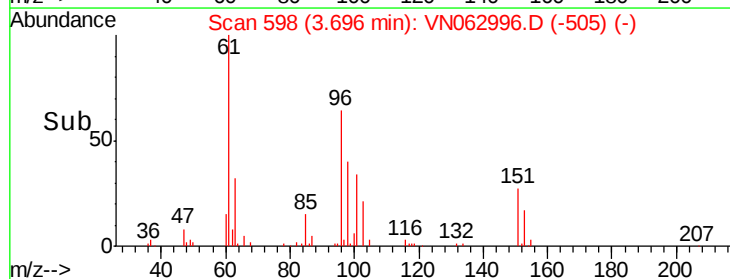
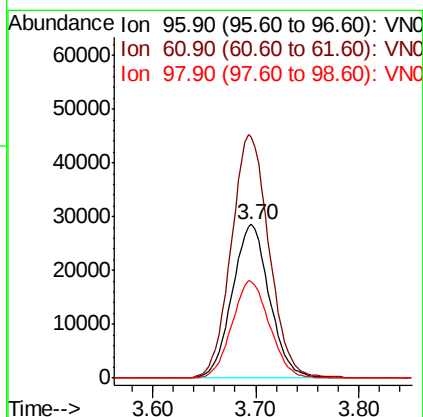
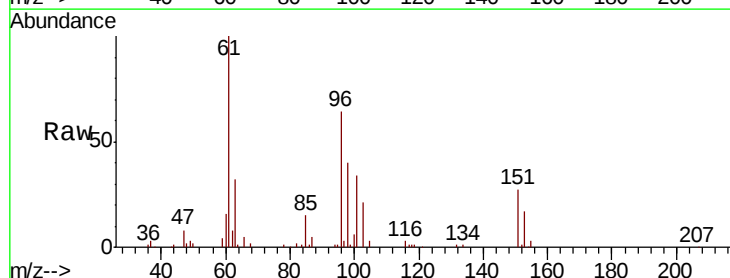
Tot Ion: 59 Resp: 75219
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.8 11.6

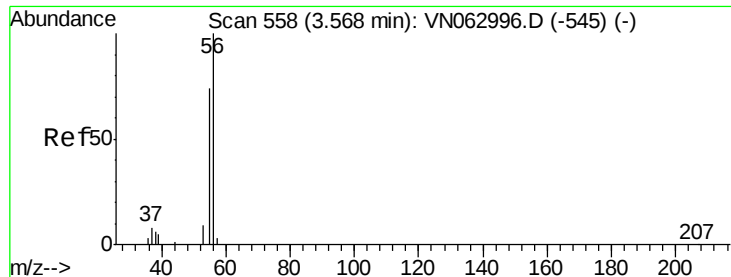


#12

1,1-Dichloroethene
 Concen: 47.368 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062996.D
 Acq: 18 Aug 2020 19:53

Tgt Ion: 96 Resp: 71755
 Ion Ratio Lower Upper
 96 100
 61 156.9 125.5 188.3
 98 63.0 50.4 75.6





#13

Acrolein

Concen: 173.895 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

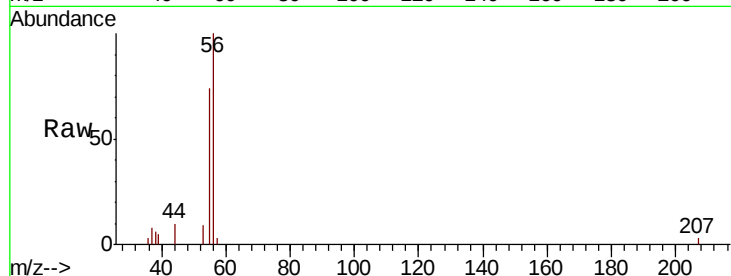
VSTDICCC050

Tot Ion: 56 Resp: 16321

Ion Ratio Lower Upper

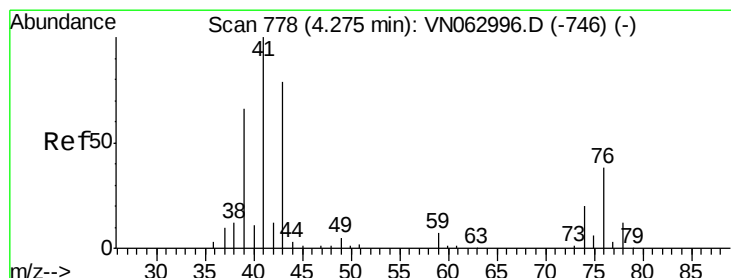
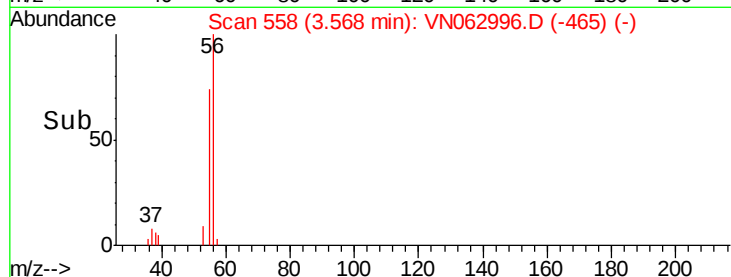
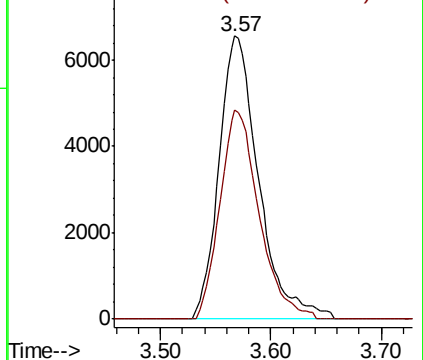
56 100

55 73.0 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.603 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

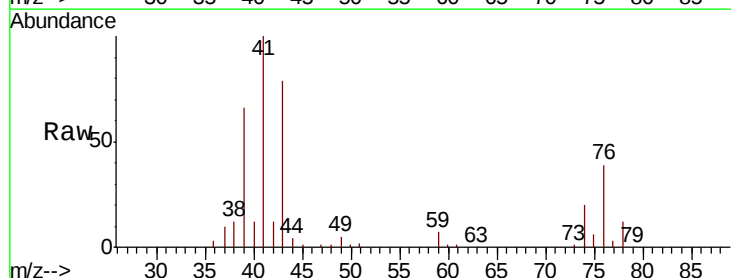
Tgt Ion: 41 Resp: 132489

Ion Ratio Lower Upper

41 100

39 59.9 47.9 71.9

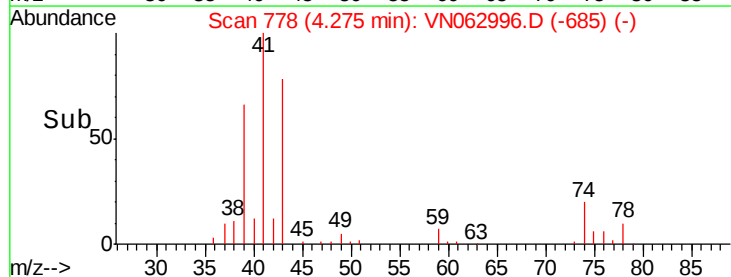
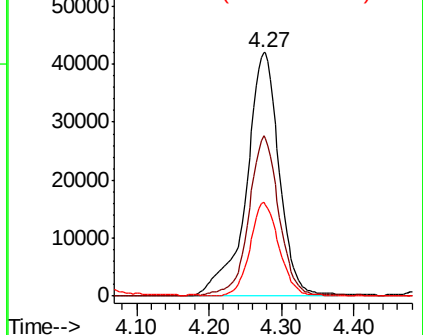
76 33.8 27.0 40.6



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 262.485 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

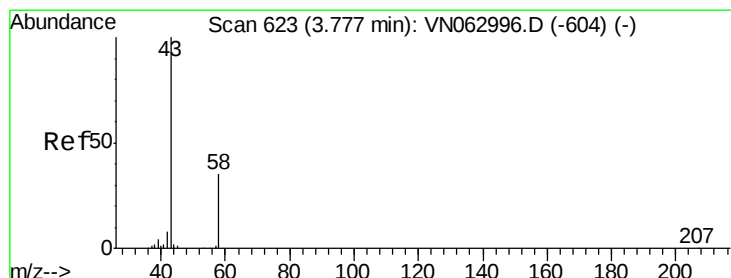
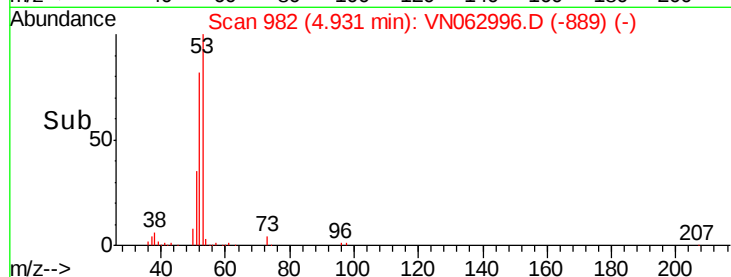
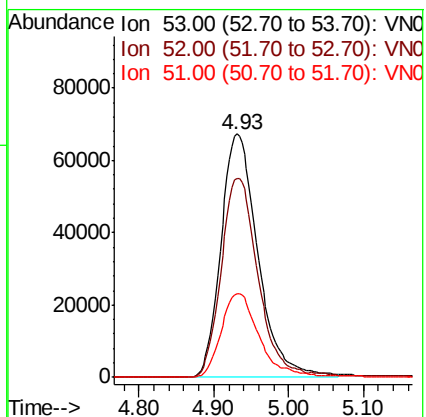
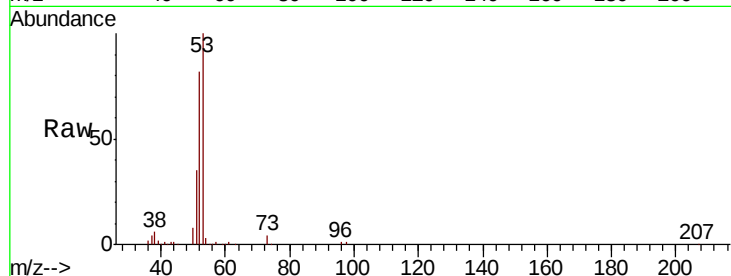
Tot Ion: 53 Resp: 231136

Ion Ratio Lower Upper

53 100

52 82.0 65.6 98.4

51 35.3 28.2 42.4



#16

Acetone

Concen: 229.190 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062996.D

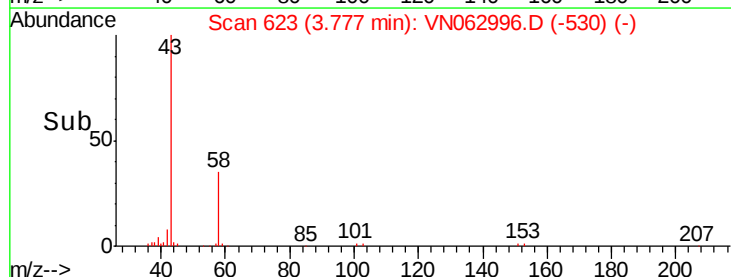
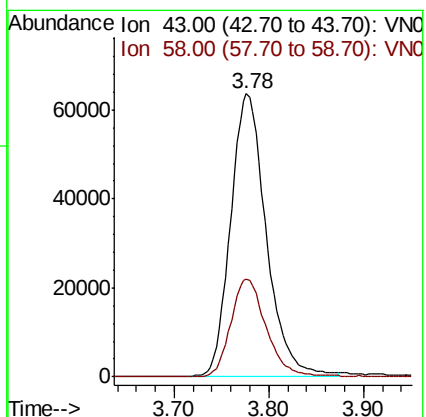
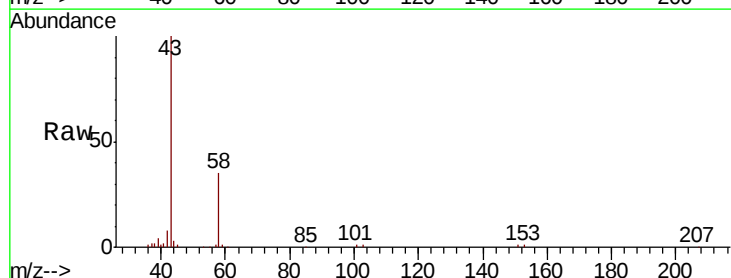
Acq: 18 Aug 2020 19:53

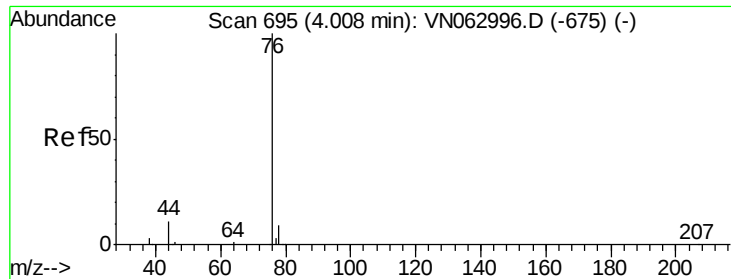
Tgt Ion: 43 Resp: 165075

Ion Ratio Lower Upper

43 100

58 34.7 27.8 41.6

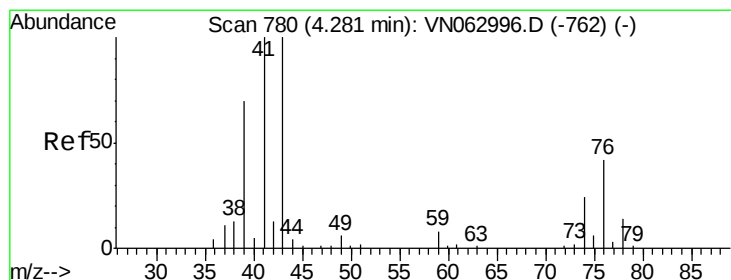
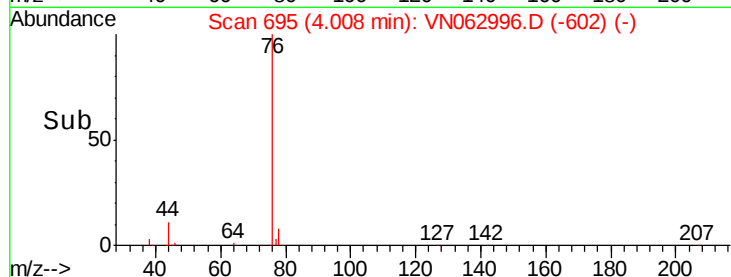
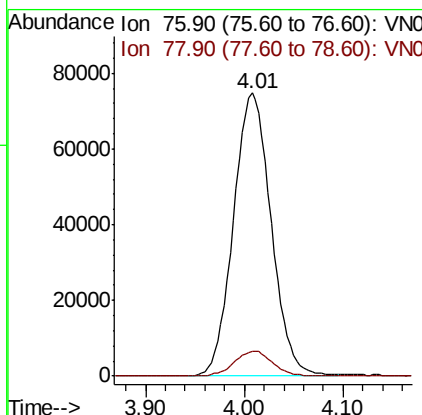
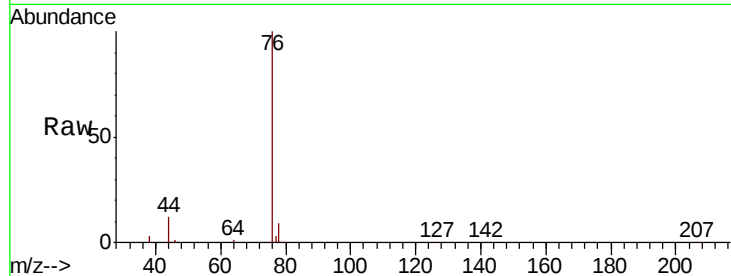




#17
Carbon Disulfide
Concen: 50.084 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

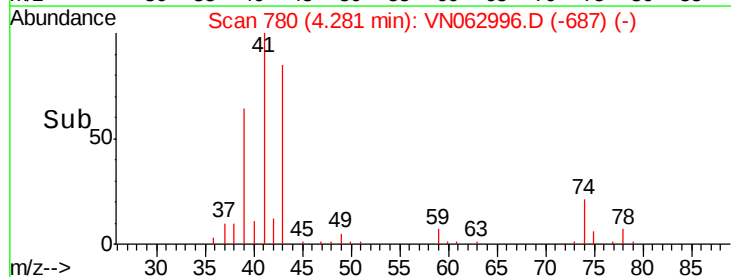
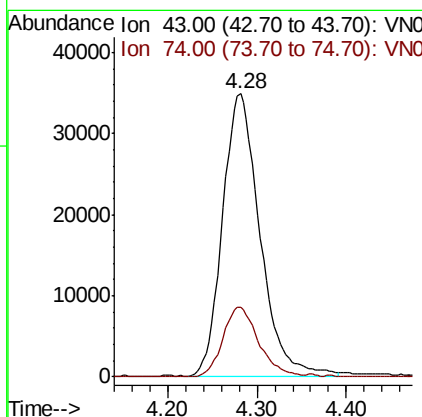
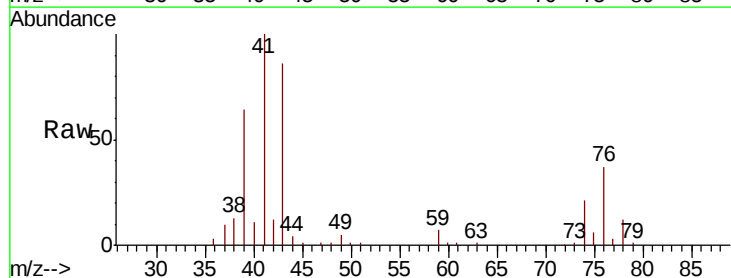
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

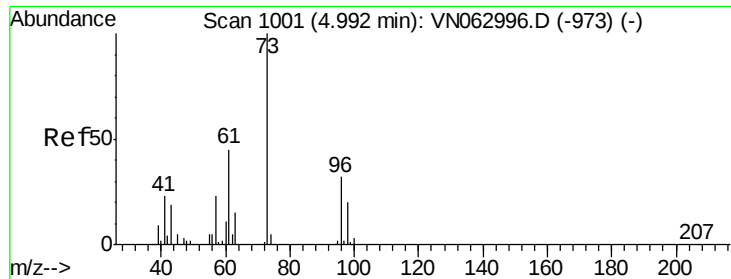
Tot Ion: 76 Resp: 198695
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3



#18
Methyl Acetate
Concen: 48.596 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Tgt Ion: 43 Resp: 102145
Ion Ratio Lower Upper
43 100
74 23.3 18.6 28.0

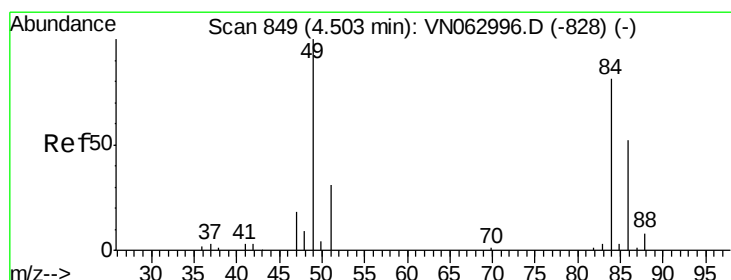
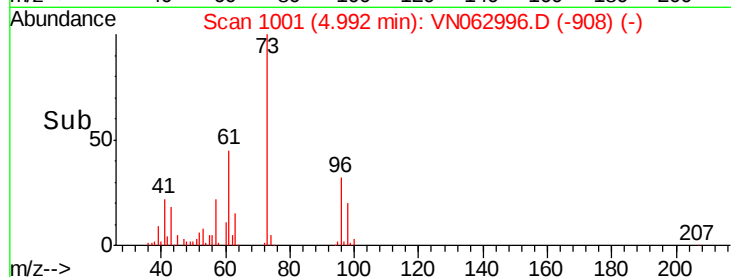
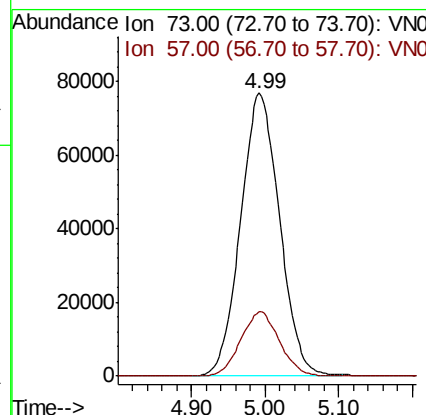
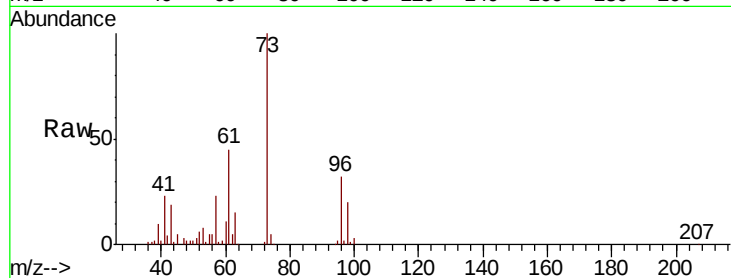




#19
Methvl tert-butvl Ether
Concen: 53.457 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

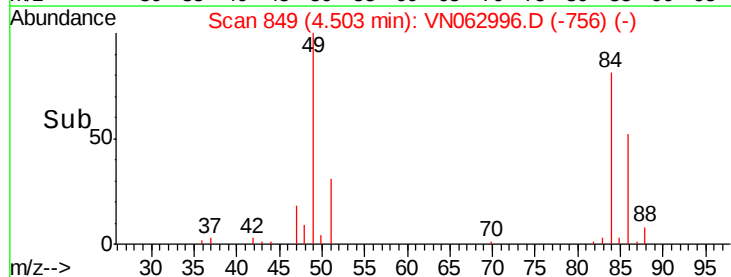
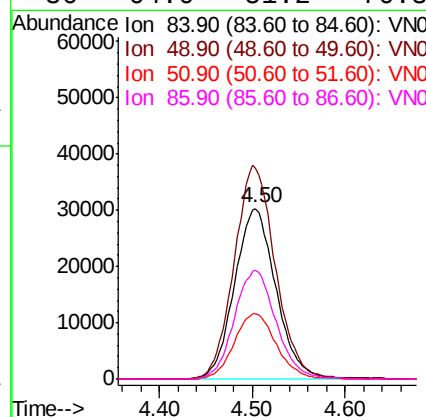
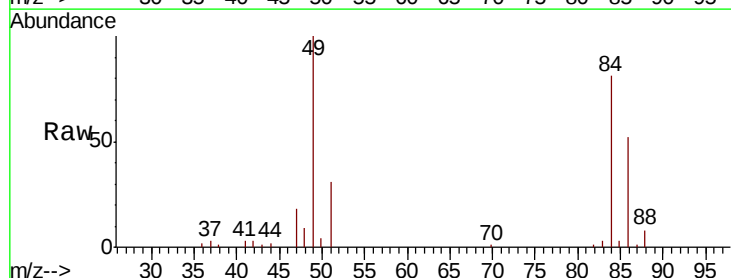
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

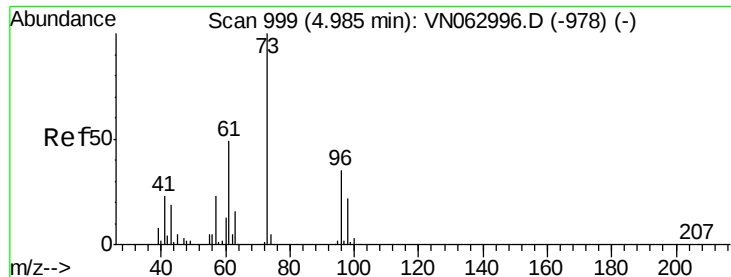
Tot Ion: 73 Resp: 282411
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1



#20
Methylene Chloride
Concen: 39.514 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Tgt Ion: 84 Resp: 93841
Ion Ratio Lower Upper
84 100
49 123.4 98.7 148.1
51 38.5 30.8 46.2
86 64.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 51.171 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

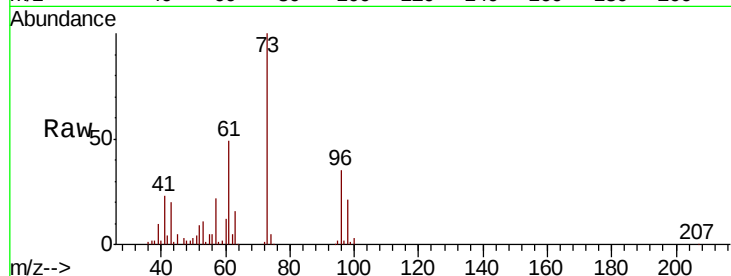
Tot Ion: 96 Resp: 81122

Ion Ratio Lower Upper

96 100

61 140.6 112.5 168.7

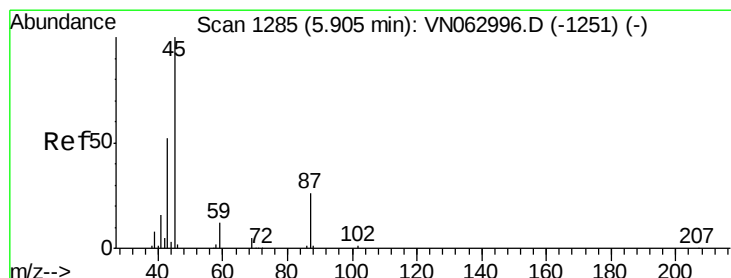
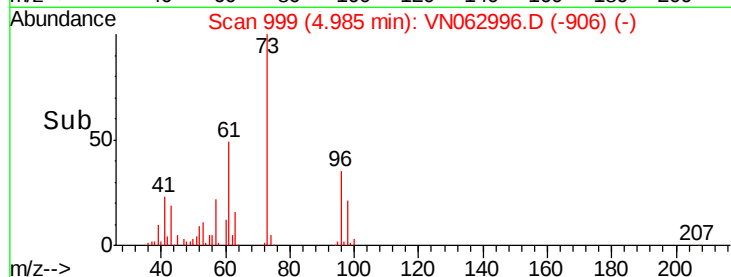
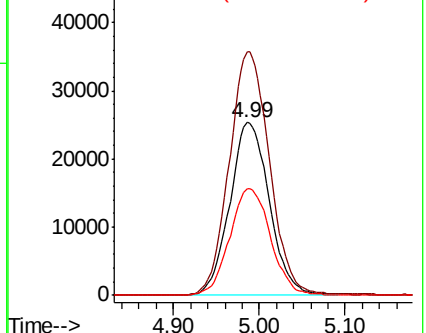
98 61.7 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VN062996.D (-978) (-)

Ion 60.90 (60.60 to 61.60): VN062996.D (-978) (-)

Ion 97.90 (97.60 to 98.60): VN062996.D (-978) (-)



#22

Diisopropyl ether

Concen: 53.227 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Tgt Ion: 45 Resp: 322615

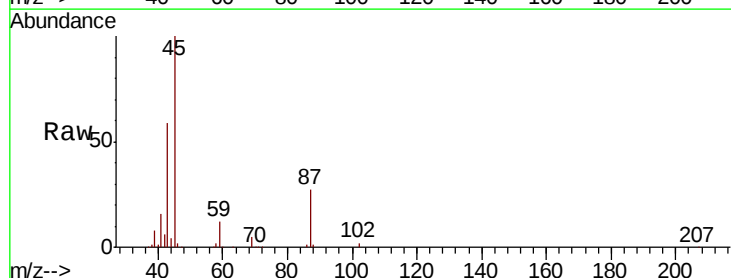
Ion Ratio Lower Upper

45 100

43 57.1 45.7 68.5

87 27.2 21.8 32.6

59 11.6 9.3 13.9

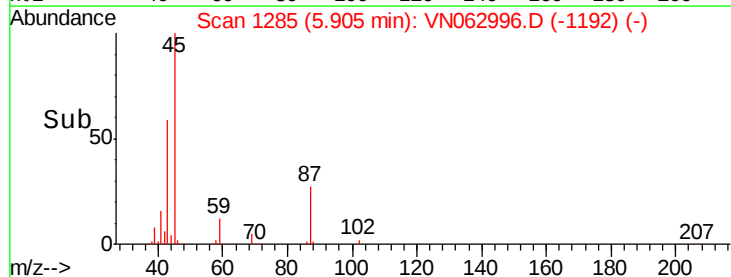
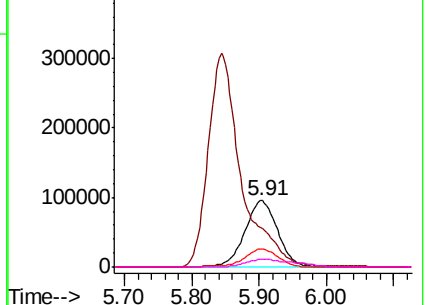


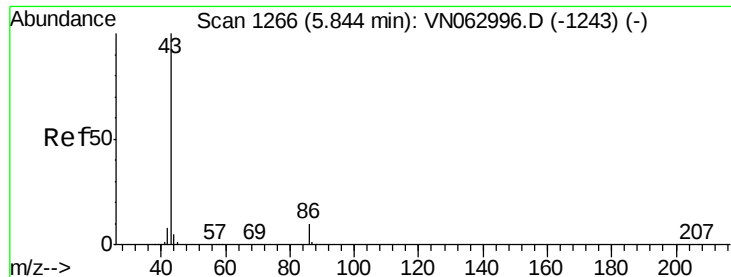
Abundance Ion 45.00 (44.70 to 45.70): VN062996.D (-1251) (-)

Ion 43.00 (42.70 to 43.70): VN062996.D (-1251) (-)

Ion 87.00 (86.70 to 87.70): VN062996.D (-1251) (-)

Ion 59.00 (58.70 to 59.70): VN062996.D (-1251) (-)





#23

Vinyl Acetate

Concen: 257.698 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

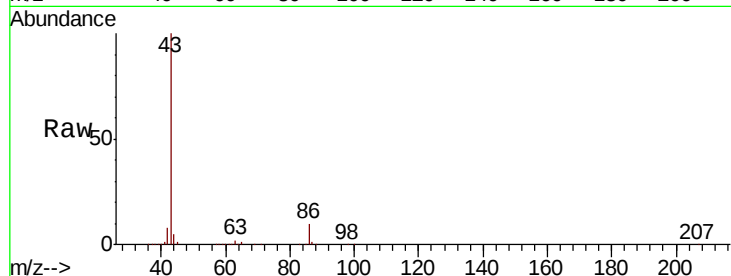
VSTDICCC050

Tot Ion: 43 Resp: 1054014

Ion Ratio Lower Upper

43 100

86 10.0 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1243) (-)

Ion 86.00 (85.70 to 86.70): VN062996.D (-1243) (-)

5.84

300000

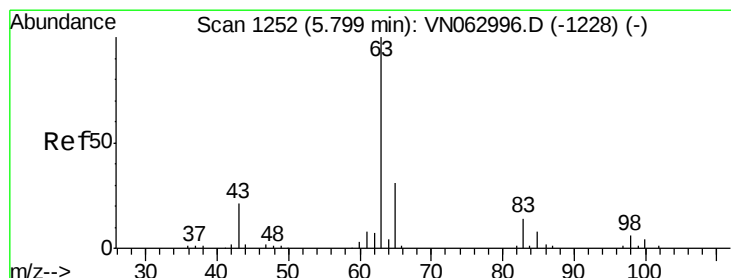
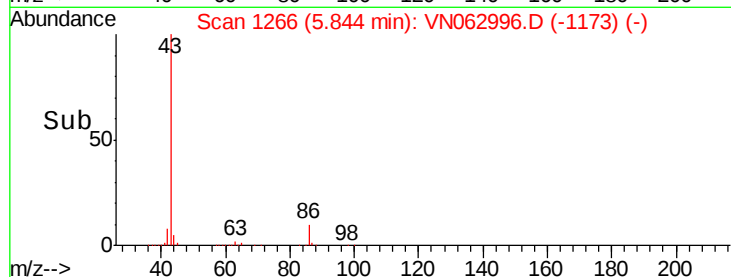
200000

100000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 50.089 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

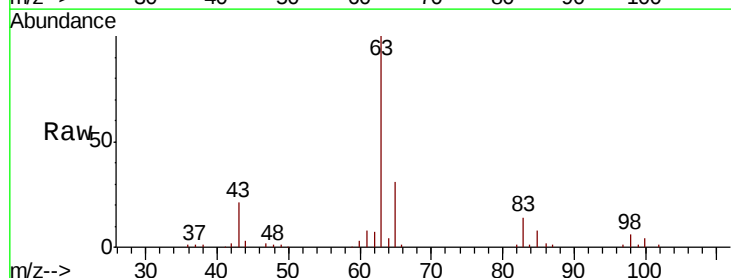
Tgt Ion: 63 Resp: 169650

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.7

100 3.9 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN062996.D (-1228) (-)

Ion 97.90 (97.60 to 98.60): VN062996.D (-1228) (-)

Ion 99.90 (99.60 to 100.60): VN062996.D (-1228) (-)

5.80

60000

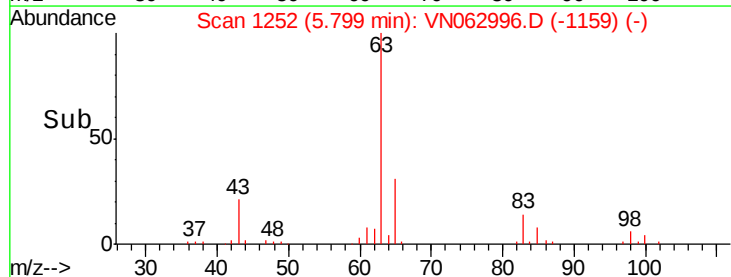
40000

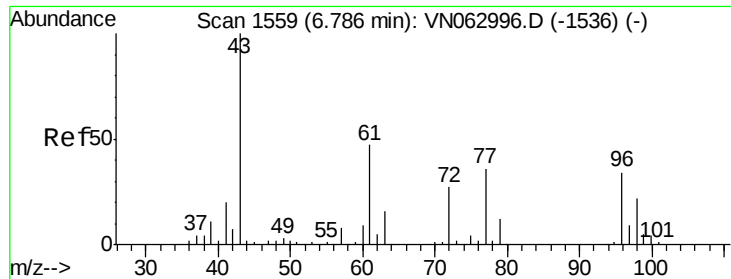
20000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 252.641 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

MSVOA_N

ClientSampled :

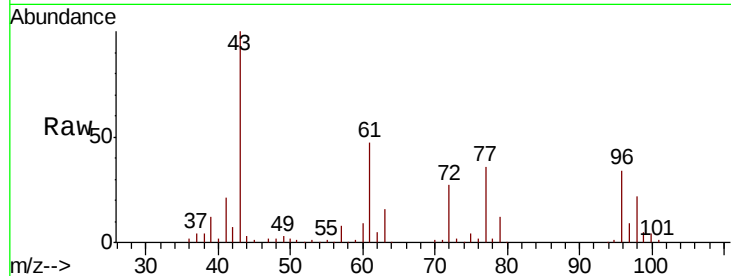
VSTDICCC050

Tot Ion: 43 Resp: 283695

Ion Ratio Lower Upper

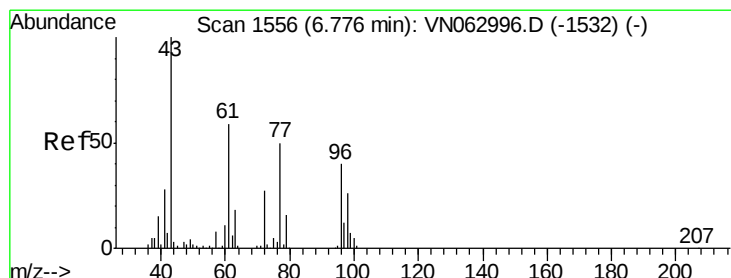
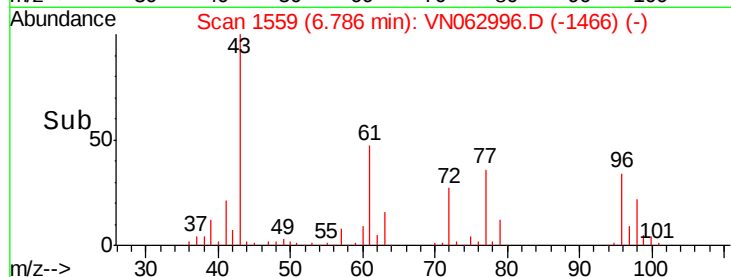
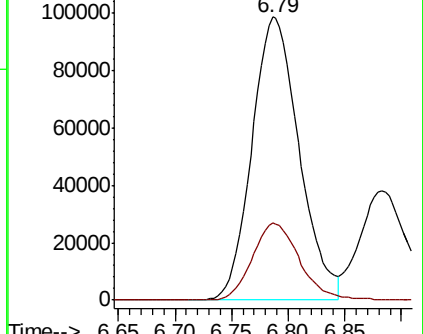
43 100

72 27.2 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 48.457 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062996.D

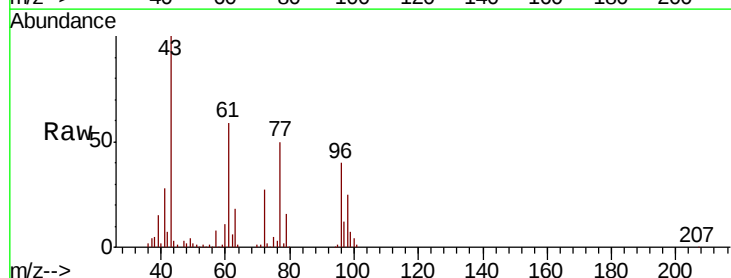
Acq: 18 Aug 2020 19:53

Tgt Ion: 77 Resp: 129073

Ion Ratio Lower Upper

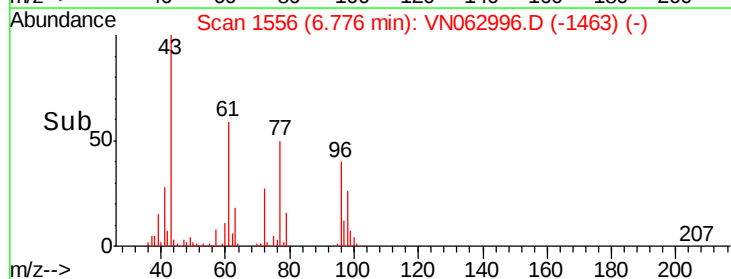
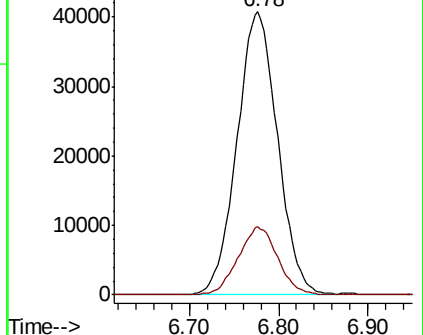
77 100

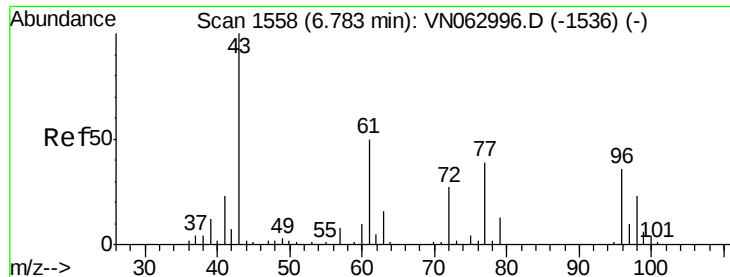
97 23.4 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 49.818 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

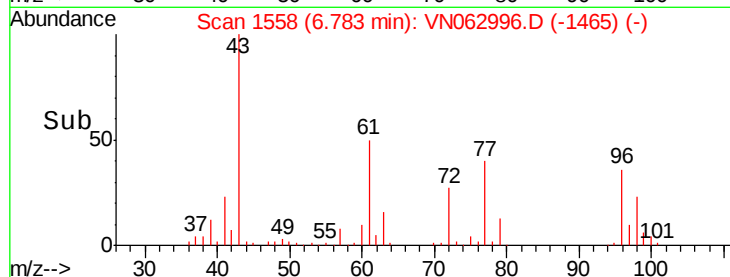
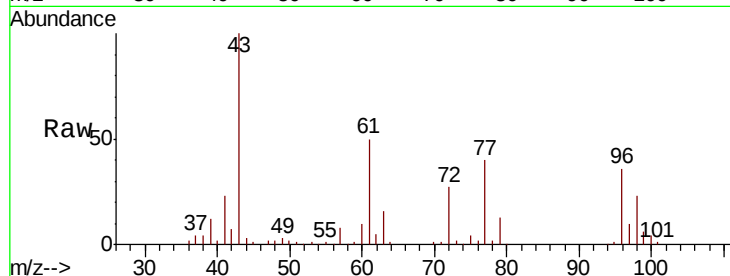
Tot Ion: 96 Resp: 98991

Ion Ratio Lower Upper

96 100

61 146.4 0.0 292.8

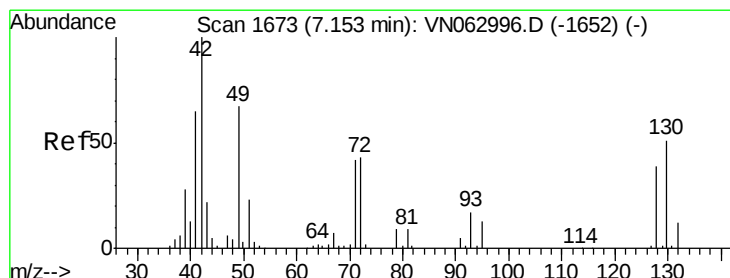
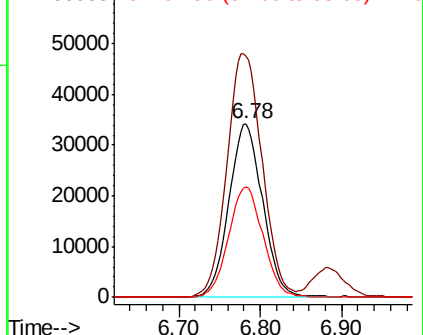
98 65.3 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 48.196 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

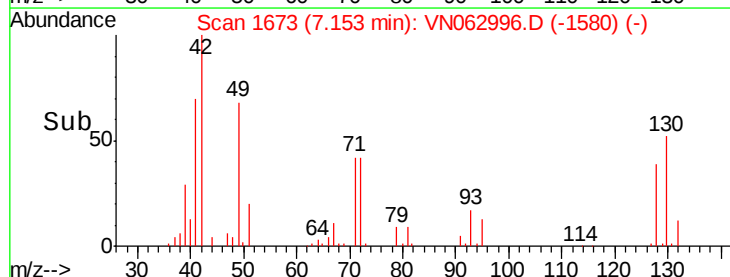
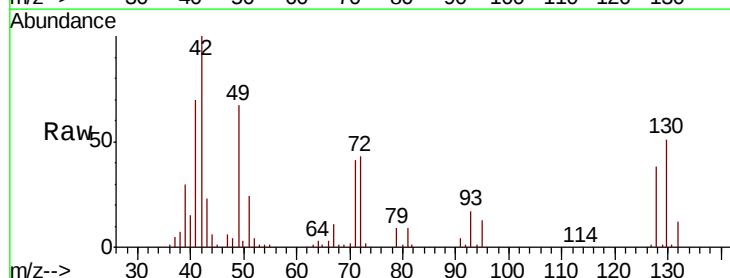
Tgt Ion: 49 Resp: 85411

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

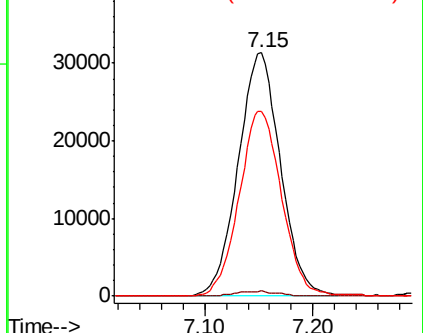
130 76.4 61.1 91.7

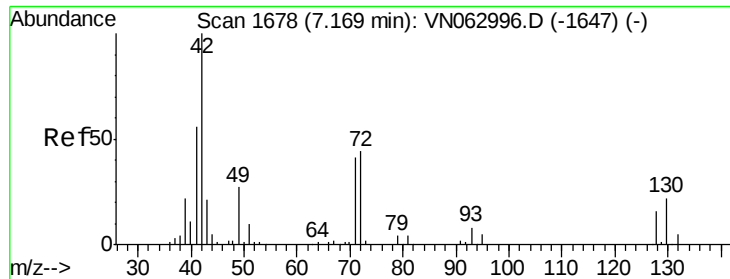


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

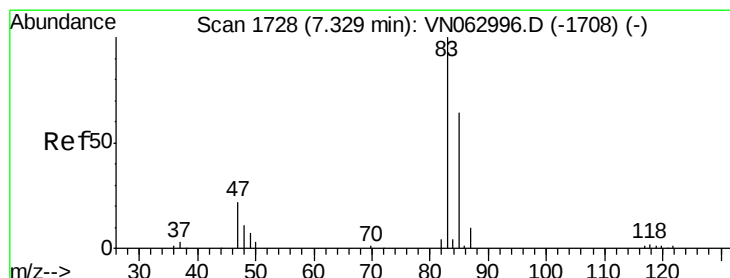
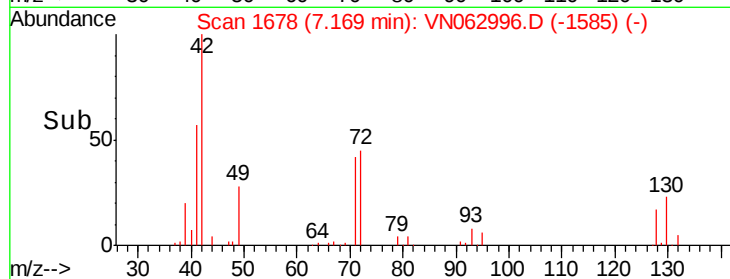
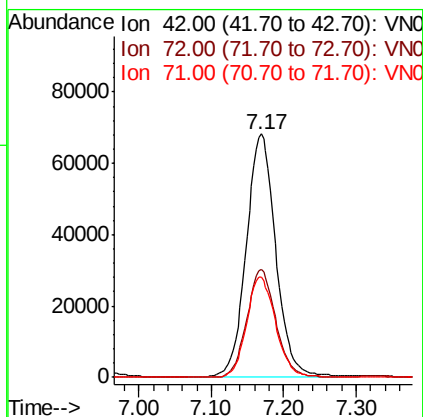
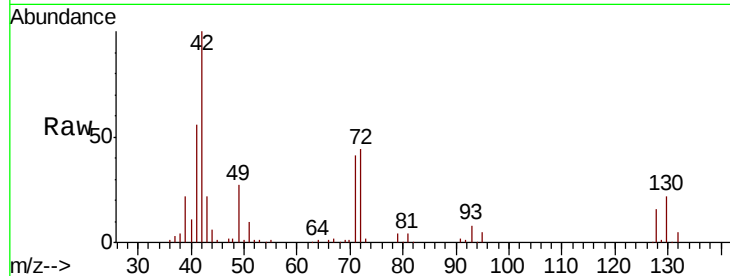




#29
Tetrahydrofuran
Concen: 267.176 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

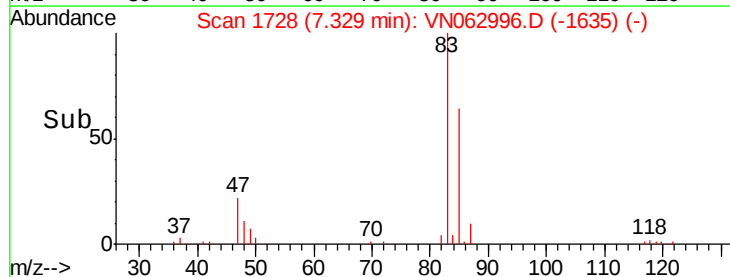
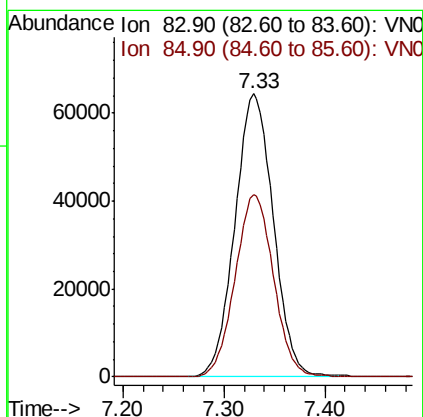
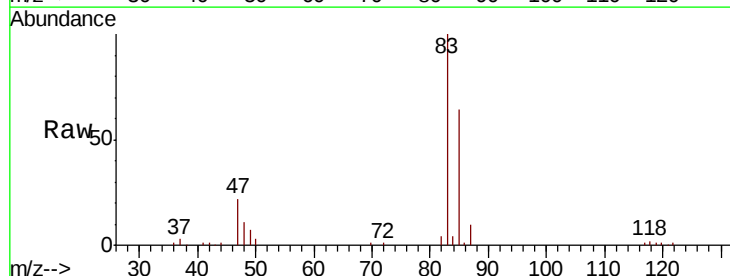
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

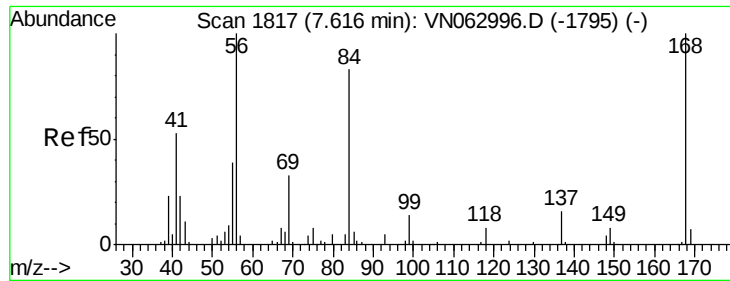
Tot Ion: 42 Resp: 193630
Ion Ratio Lower Upper
42 100
72 43.3 34.6 52.0
71 40.4 32.3 48.5



#30
Chloroform
Concen: 49.978 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Tgt Ion: 83 Resp: 170481
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3

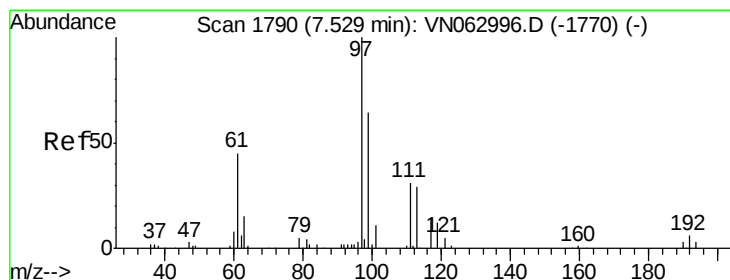
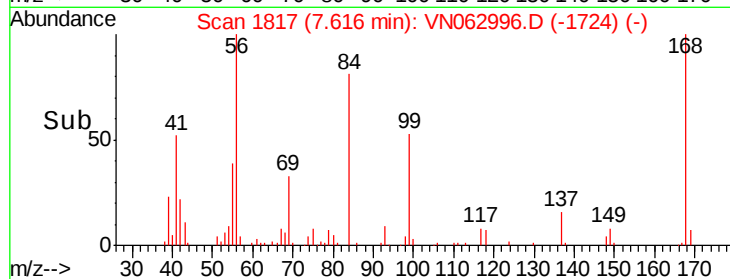
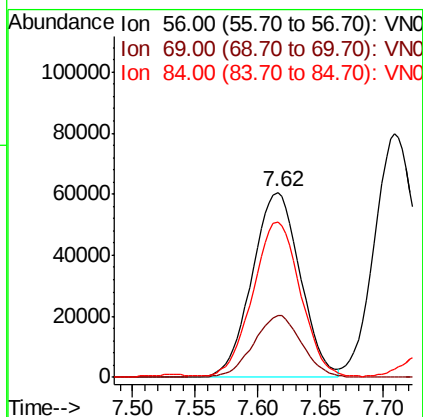
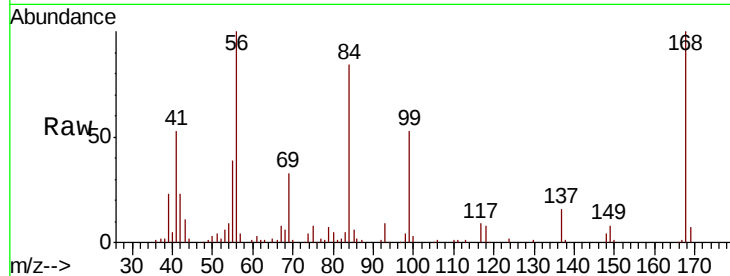




#31
Cyclohexane
Concen: 51.971 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

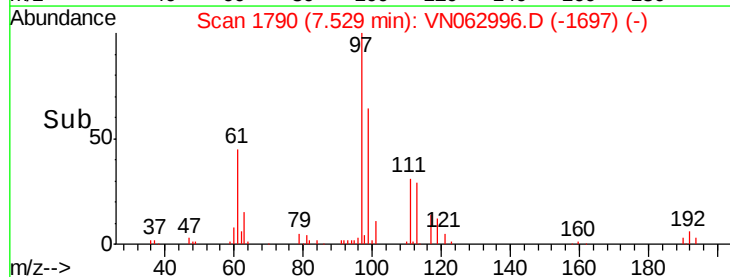
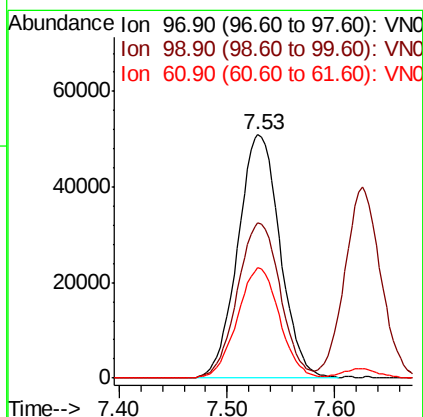
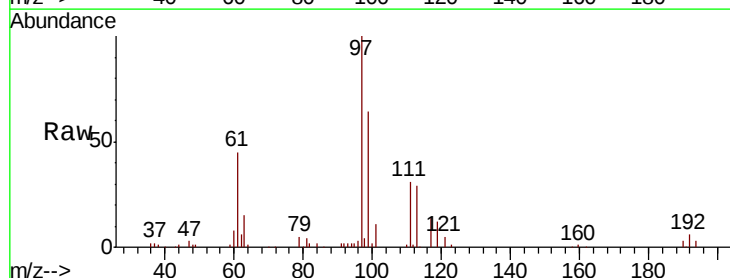
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 56 Resp: 162011
Ion Ratio Lower Upper
56 100
69 33.3 26.6 40.0
84 83.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 49.699 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Tgt Ion: 97 Resp: 138403
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 45.3 36.2 54.4

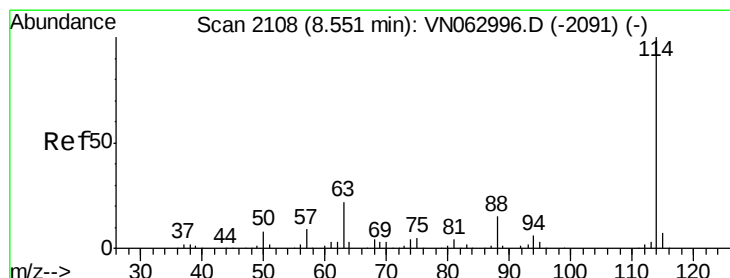
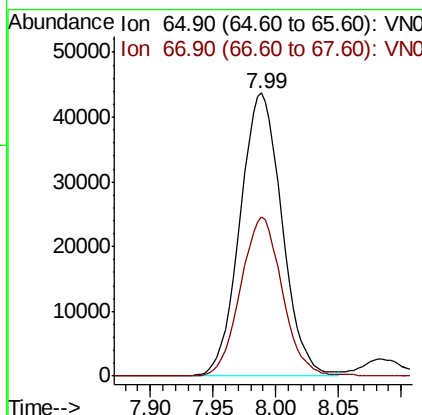
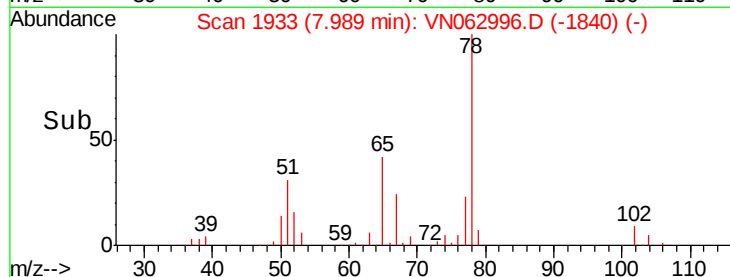
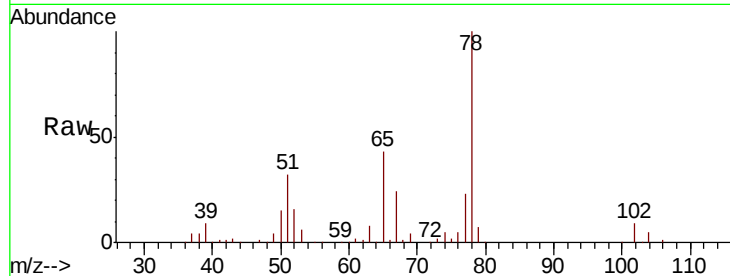




#33
 1,2-Dichloroethane-d4
 Concen: 48.068 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062996.D
 Acq: 18 Aug 2020 19:53

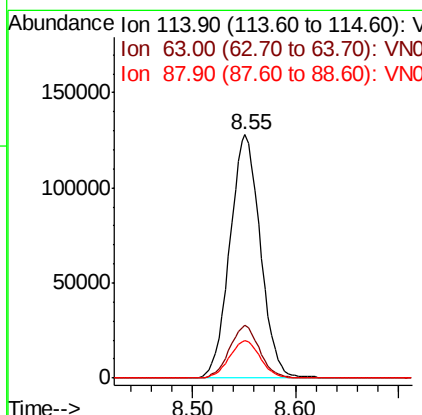
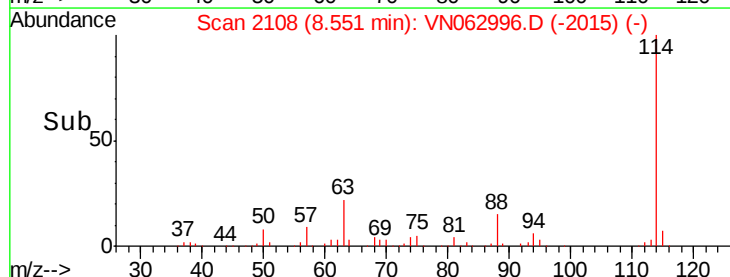
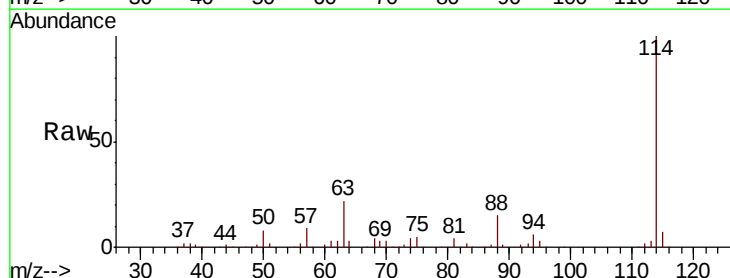
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

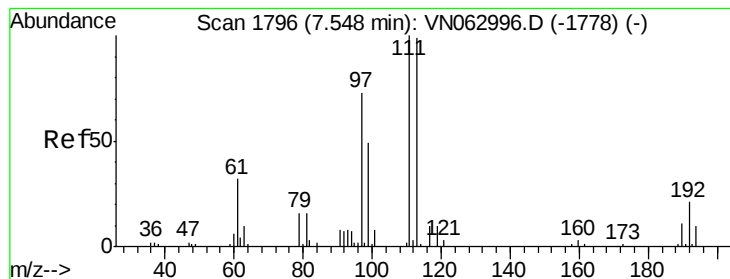
Tot Ion: 65 Resp: 101670
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062996.D
 Acq: 18 Aug 2020 19:53

Tgt Ion: 114 Resp: 263999
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.613 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

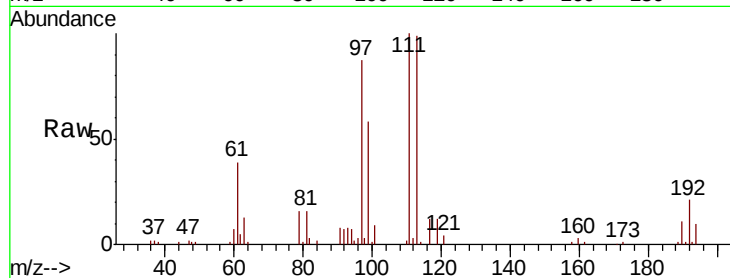
Tot Ion:113 Resp: 85344

Ion Ratio Lower Upper

113 100

111 102.1 81.7 122.5

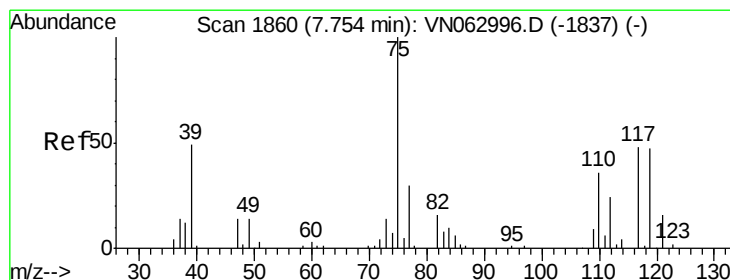
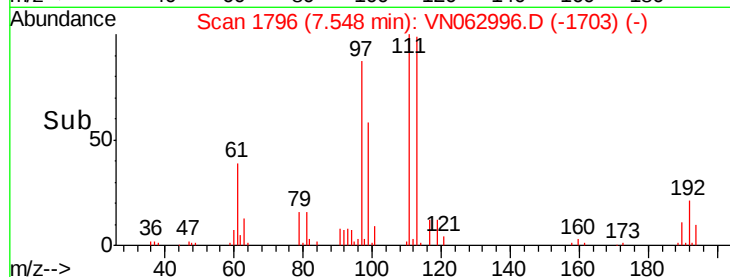
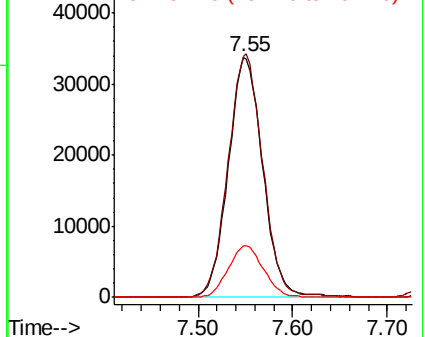
192 21.9 17.5 26.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.692 ug/l

RT: 7.75 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

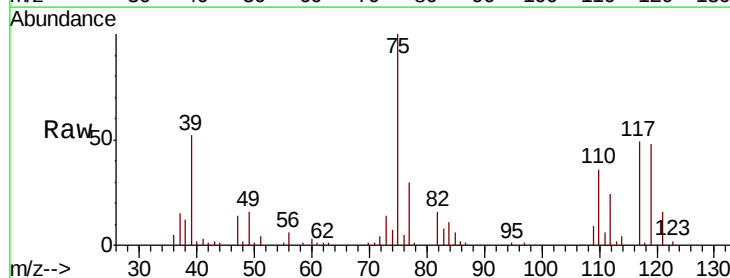
Tgt Ion: 75 Resp: 117936

Ion Ratio Lower Upper

75 100

110 35.1 17.5 52.6

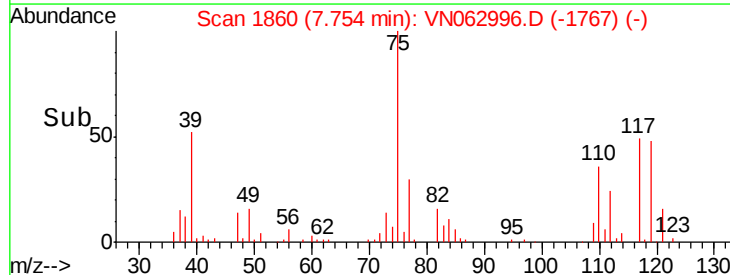
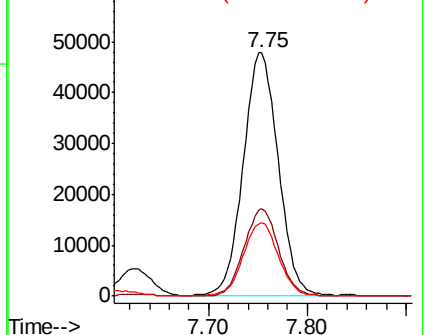
77 30.3 24.2 36.4

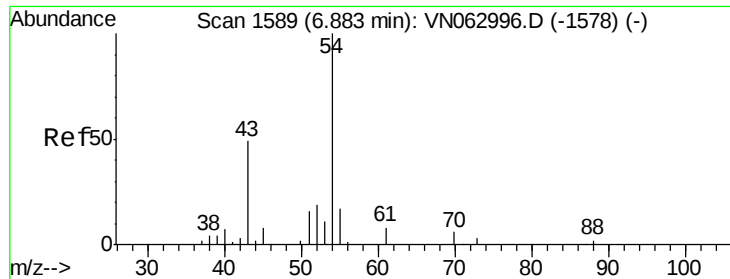


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

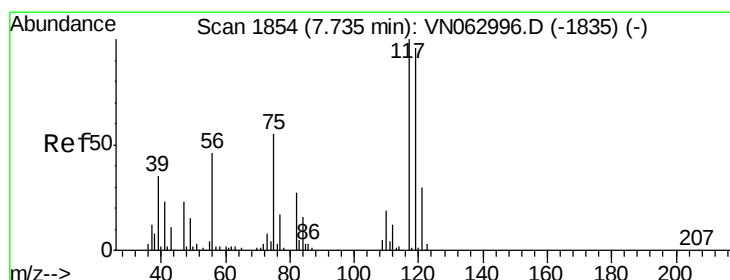
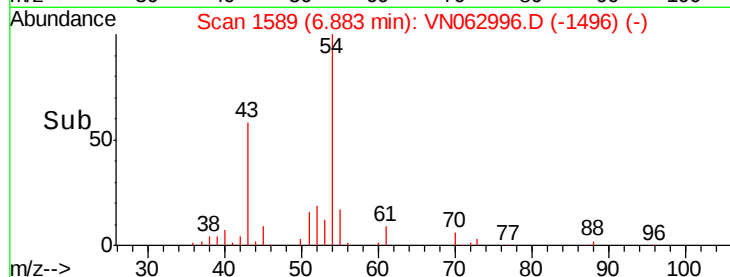
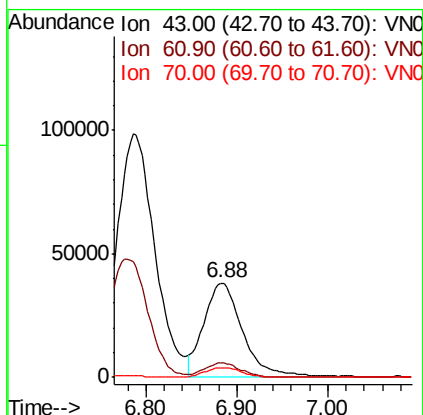
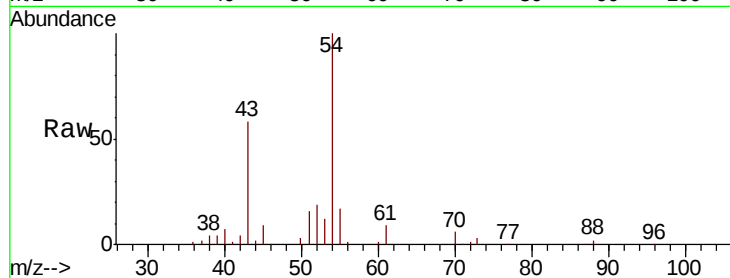




#37
Ethyl Acetate
Concen: 50.846 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

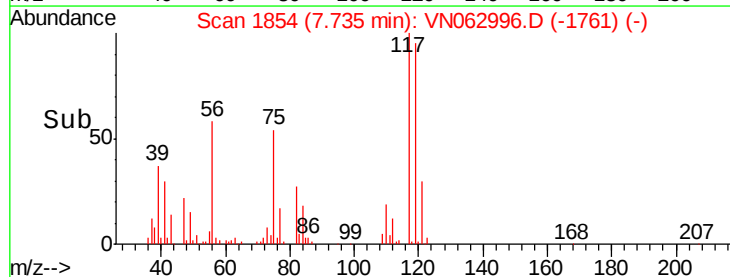
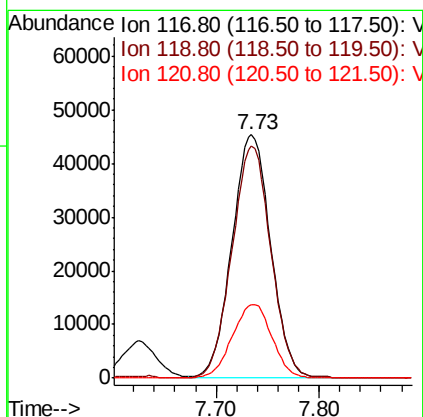
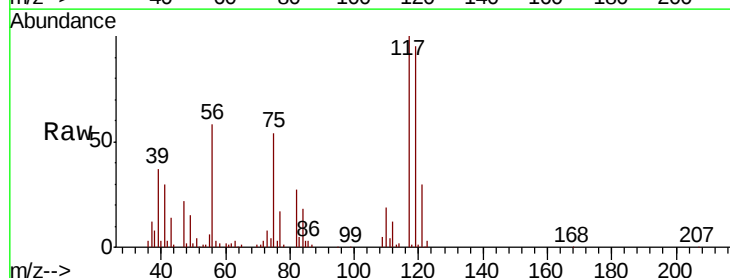
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

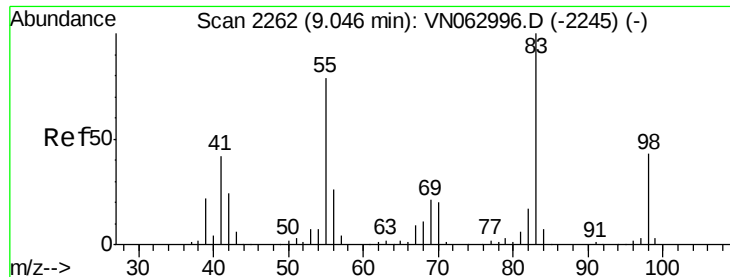
Tot Ion: 43 Resp: 111118
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.8
70 10.2 8.2 12.2



#38
Carbon Tetrachloride
Concen: 50.591 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Tgt Ion: 117 Resp: 118827
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.4
121 30.2 24.2 36.2

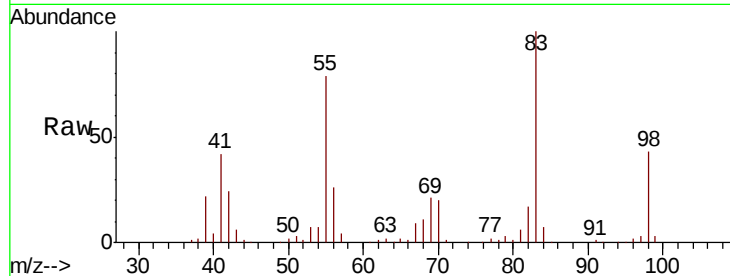




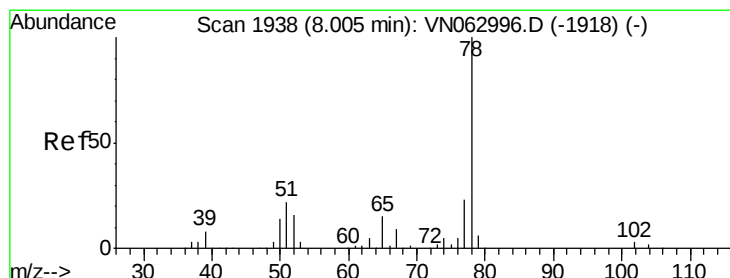
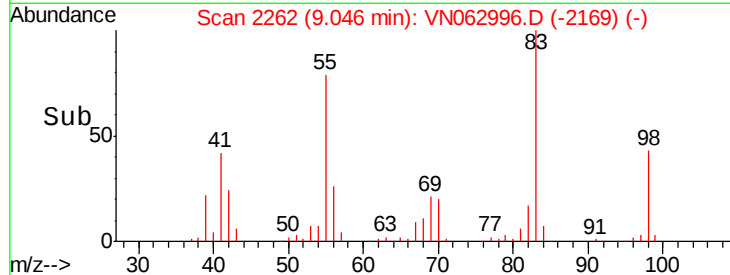
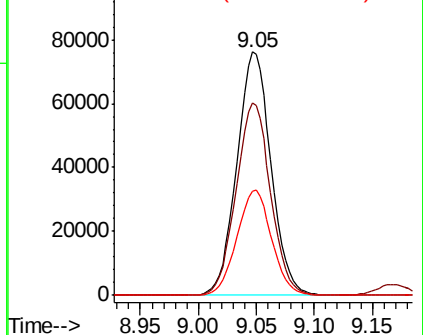
#39
Methvlcvclohexane
Concen: 56.695 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 155858
Ion Ratio Lower Upper
83 100
55 79.1 63.3 94.9
98 42.8 34.2 51.4

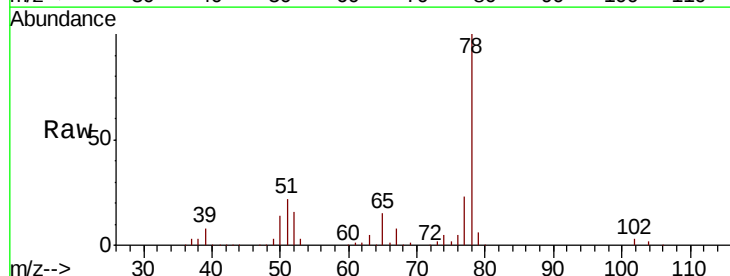


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

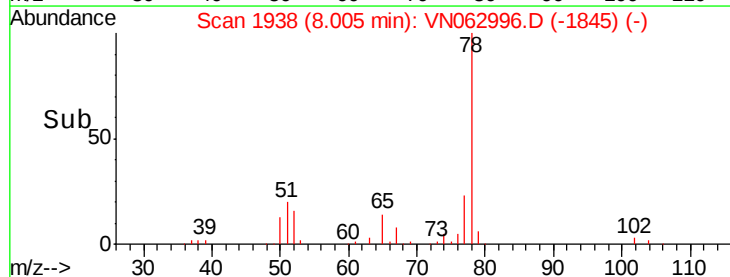
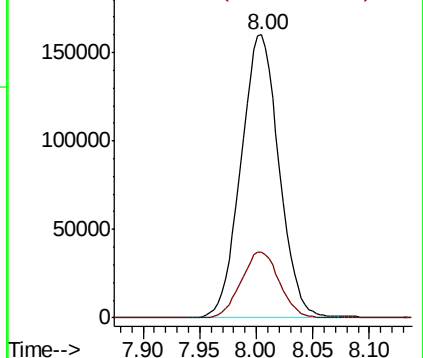


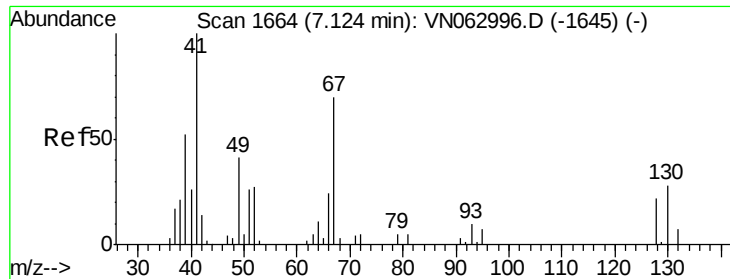
#40
Benzene
Concen: 50.933 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Tgt Ion: 78 Resp: 375828
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

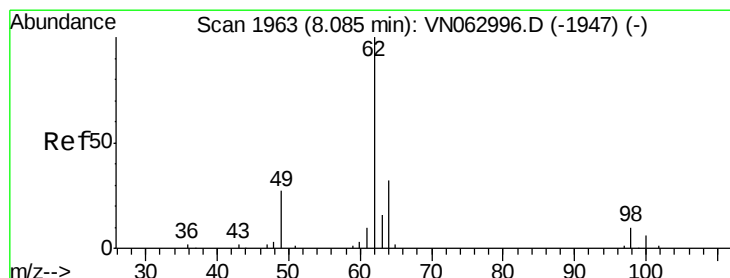
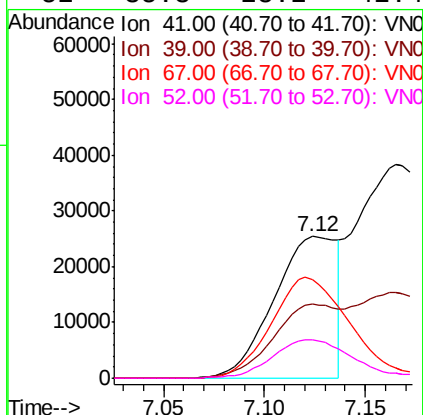
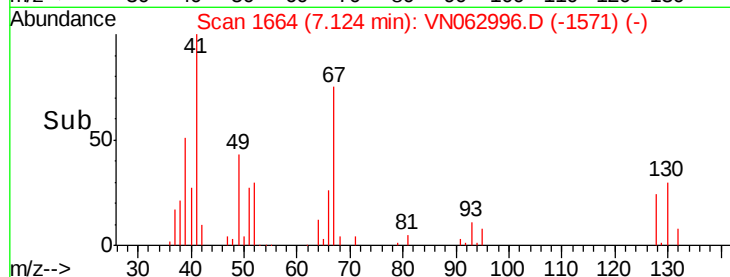
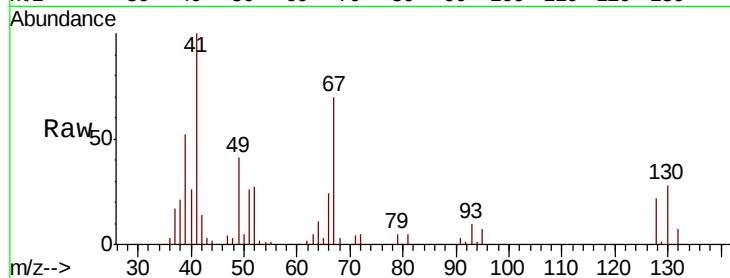




#41
Methacrylonitrile
Concen: 53.131 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

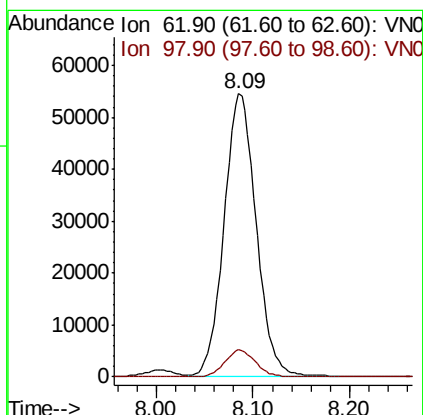
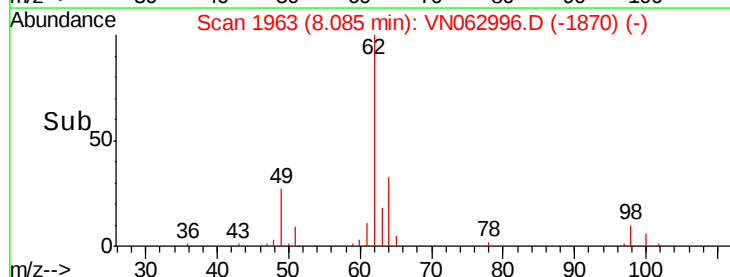
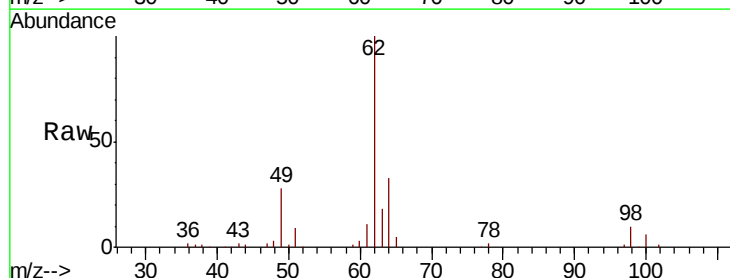
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

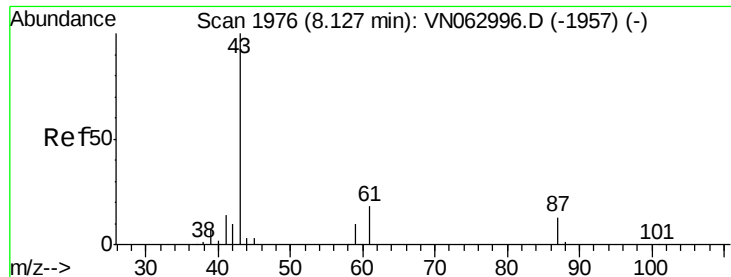
Tot Ion: 41 Resp: 55184
Ion Ratio Lower Upper
41 100
39 52.0 41.6 62.4
67 89.8 71.8 107.8
52 35.3 28.2 42.4



#42
1,2-Dichloroethane
Concen: 50.487 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Tgt Ion: 62 Resp: 125088
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4





#43

Isopropyl Acetate

Concen: 51.390 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

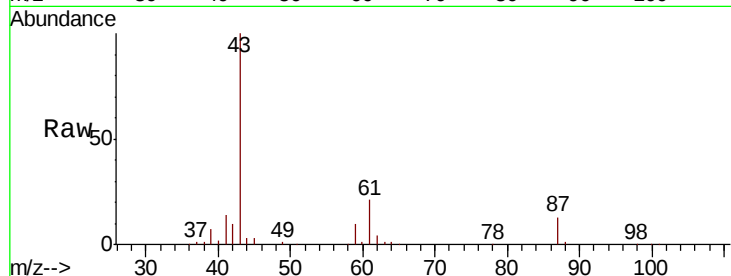
Tot Ion: 43 Resp: 185598

Ion Ratio Lower Upper

43 100

61 28.2 22.6 33.8

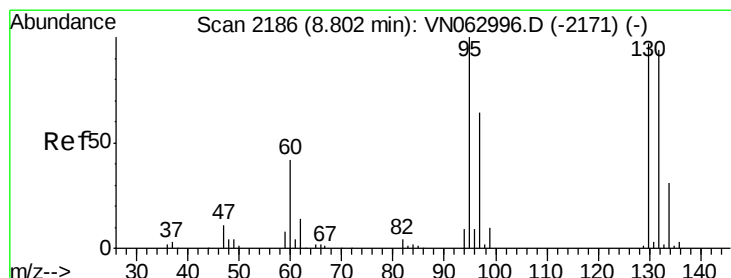
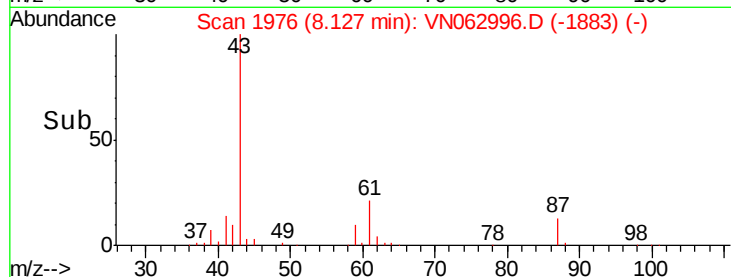
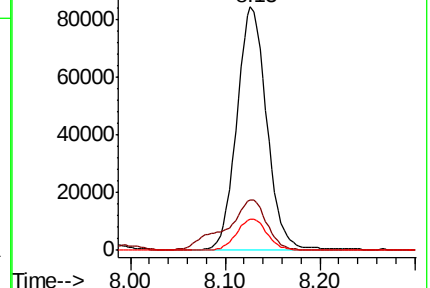
87 13.1 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062996.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062996.D (-1957) (-)



#44

Trichloroethene

Concen: 49.883 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062996.D

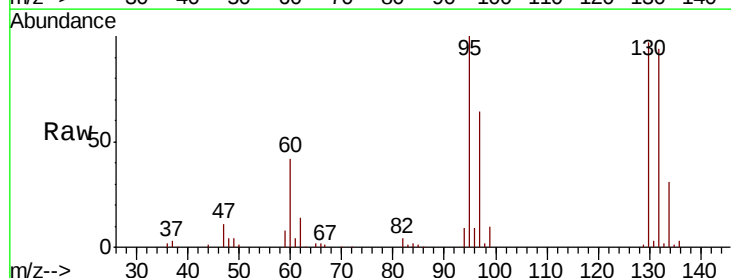
Acq: 18 Aug 2020 19:53

Tgt Ion:130 Resp: 91557

Ion Ratio Lower Upper

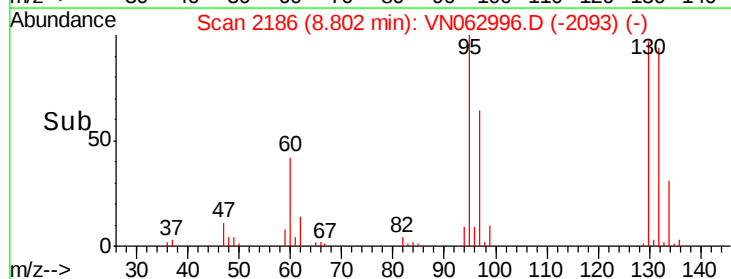
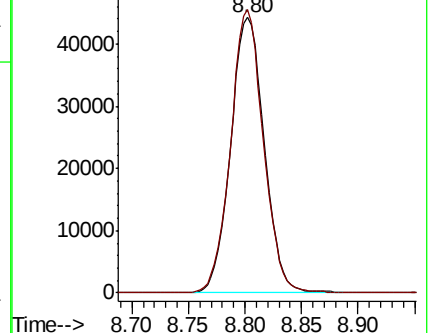
130 100

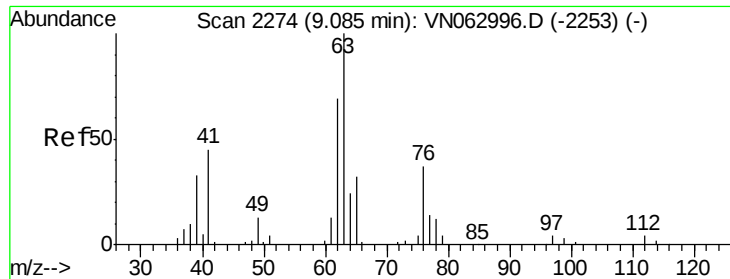
95 102.8 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): VN062996.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062996.D (-2171) (-)





#45

1,2-Dichloropropane

Concen: 50.423 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

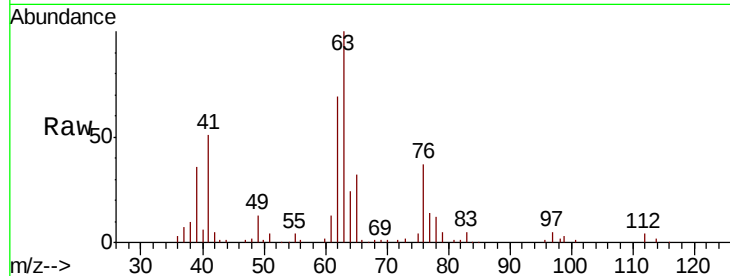
VSTDICCC050

Tot Ion: 63 Resp: 107547

Ion Ratio Lower Upper

63 100

65 32.0 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VN062996.D (-2253) (-)

Ion 64.90 (64.60 to 65.60): VN062996.D (-2253) (-)

9.08

60000

50000

40000

30000

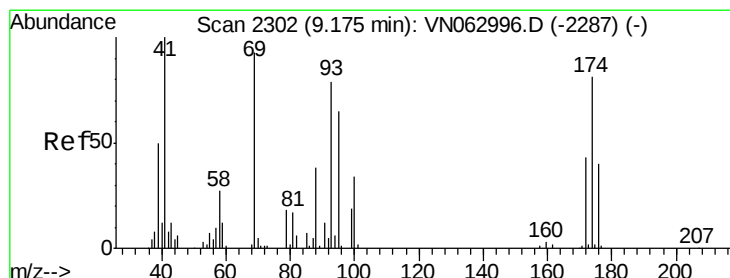
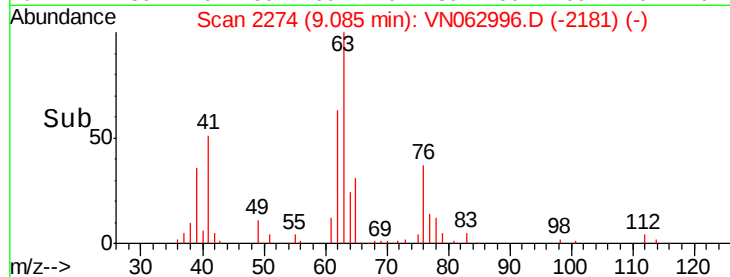
20000

10000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 52.106 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

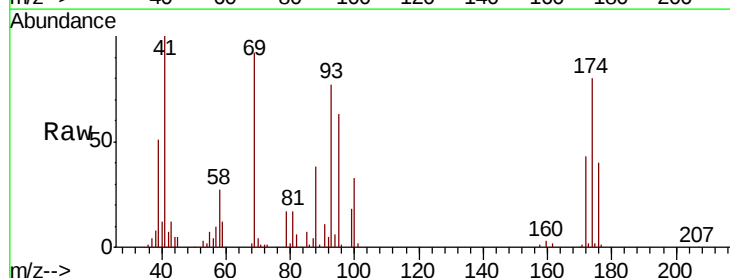
Tgt Ion: 93 Resp: 64204

Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

174 105.8 84.6 127.0



Abundance Ion 92.80 (92.50 to 93.50): VN062996.D (-2287) (-)

Ion 94.80 (94.50 to 95.50): VN062996.D (-2287) (-)

Ion 173.70 (173.40 to 174.40): VN062996.D (-2287) (-)

9.18

40000

30000

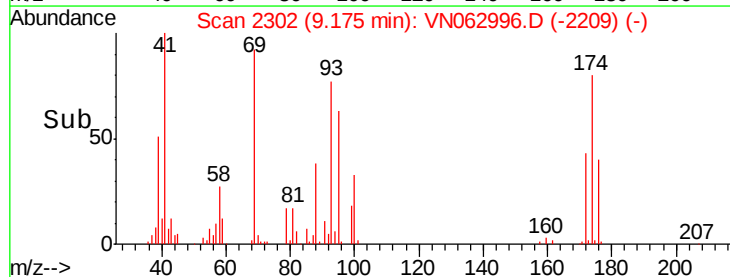
20000

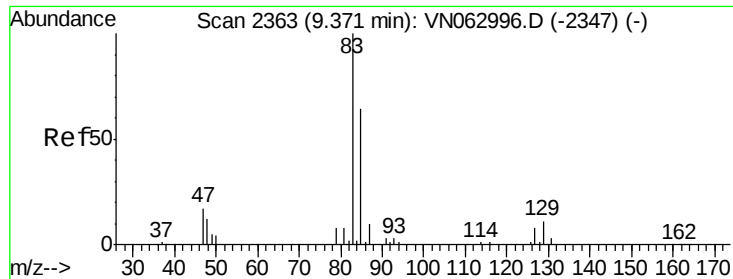
10000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 51.725 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

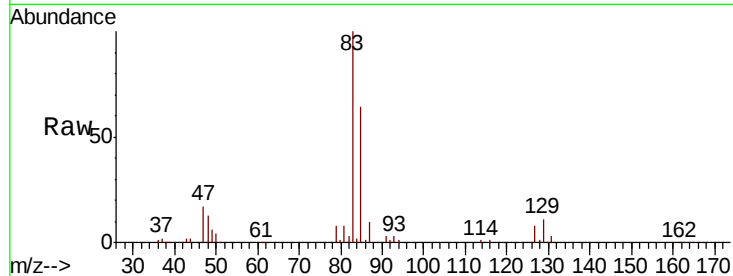
Tot Ion: 83 Resp: 139592

Ion Ratio Lower Upper

83 100

85 63.9 51.1 76.7

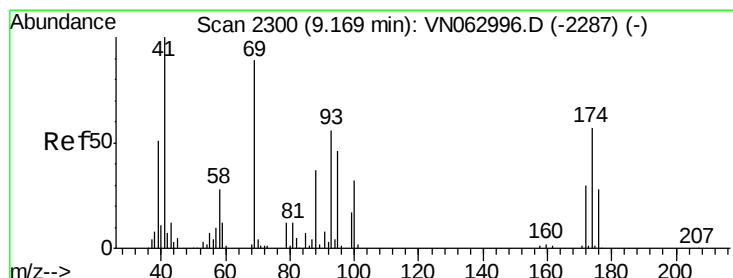
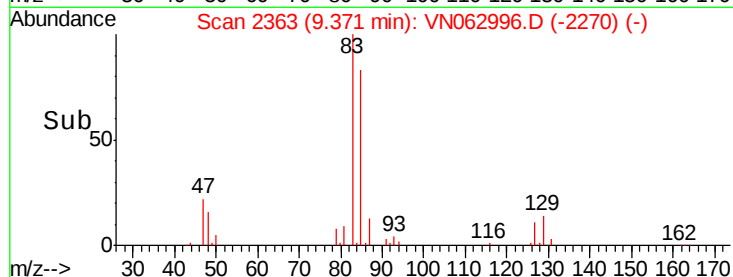
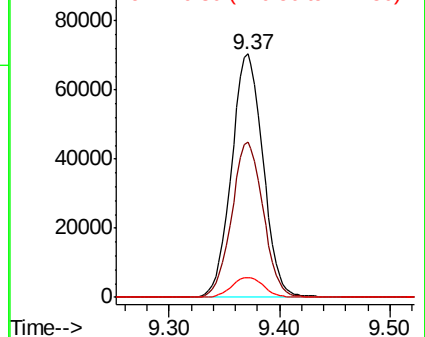
127 8.2 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN062996.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN062996.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN062996.D (-2347) (-)



#48

Methyl methacrylate

Concen: 52.829 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

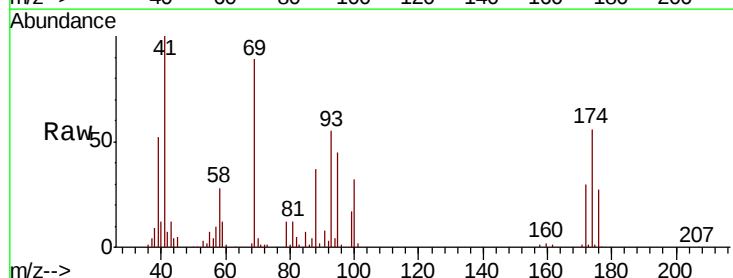
Tgt Ion: 41 Resp: 90274

Ion Ratio Lower Upper

41 100

69 92.8 74.2 111.4

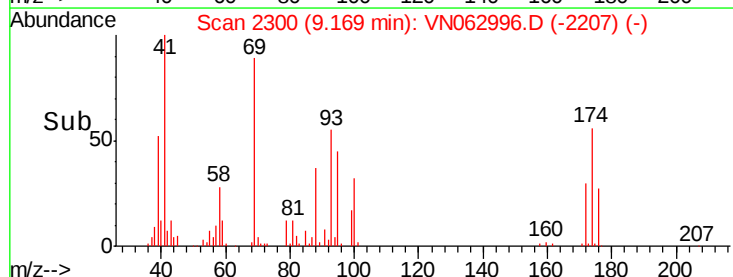
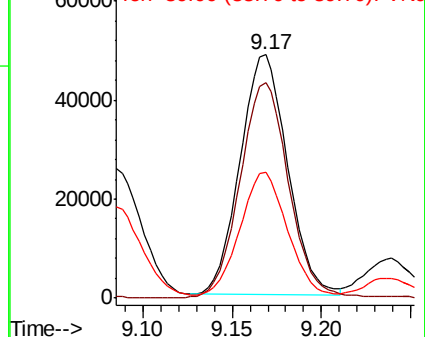
39 53.1 42.5 63.7

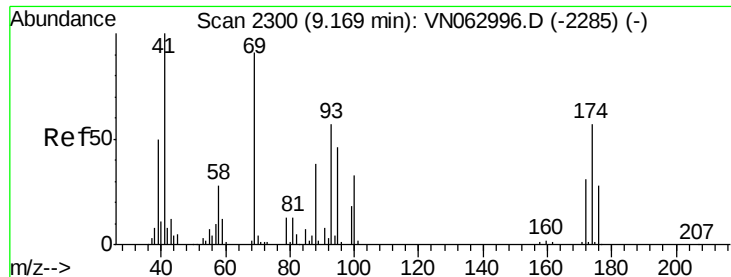


Abundance Ion 41.00 (40.70 to 41.70): VN062996.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062996.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062996.D (-2287) (-)

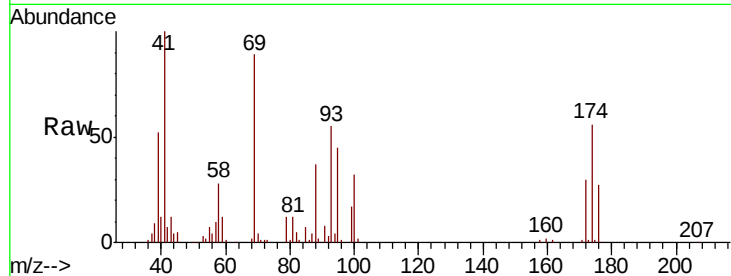




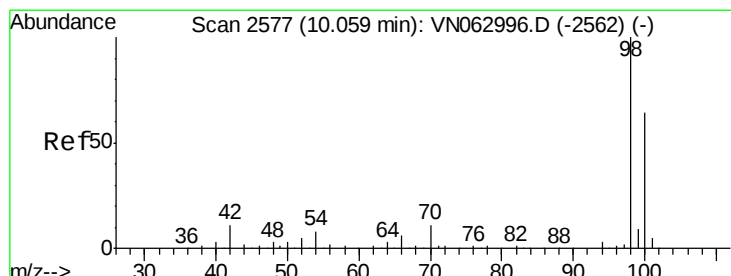
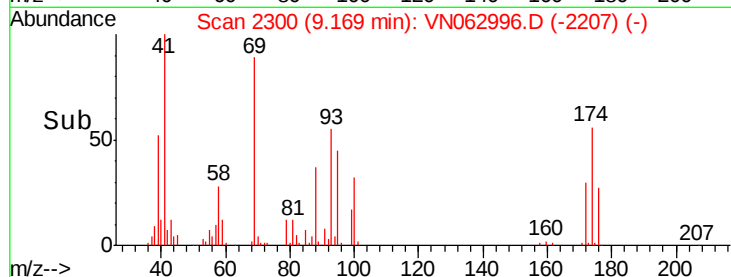
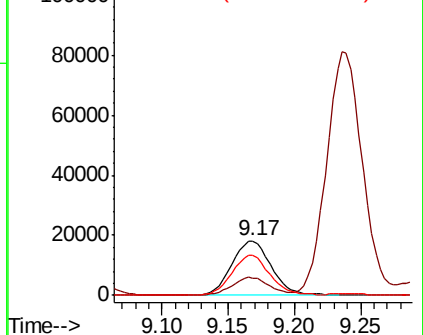
#49
1,4-Dioxane
Concen: 1137.147 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 88 Resp: 37877
Ion Ratio Lower Upper
88 100
43 31.5 25.2 37.8
58 70.9 56.7 85.1

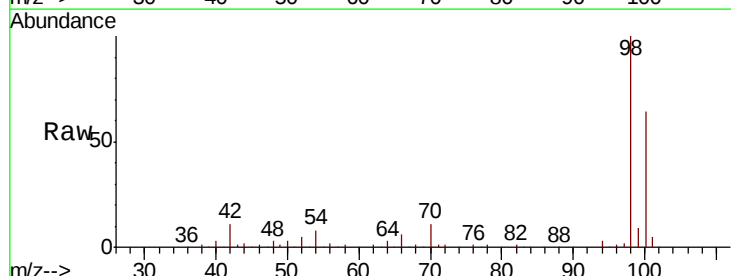


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

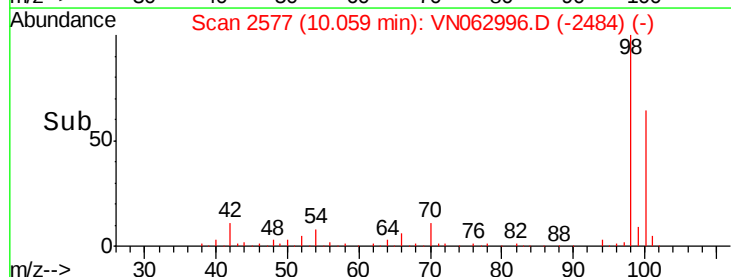
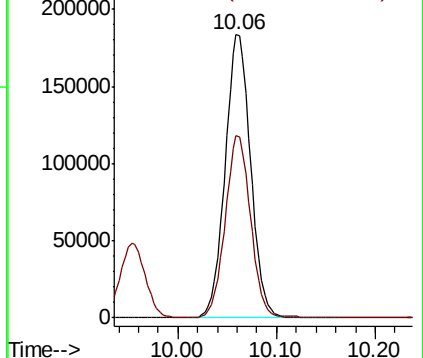


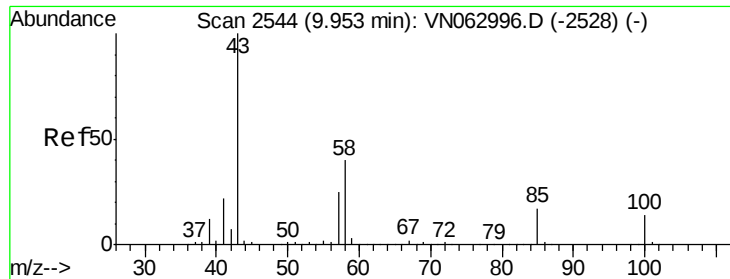
#50
Toluene-d8
Concen: 50.411 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Tgt Ion: 98 Resp: 333089
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 266.718 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

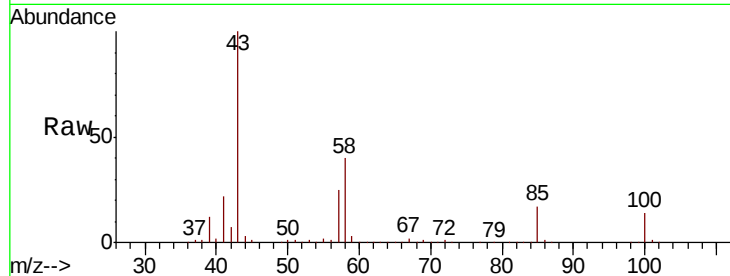
VSTDICCC050

Tot Ion: 43 Resp: 608862

Ion Ratio Lower Upper

43 100

58 40.2 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-2528) (-)

9.95

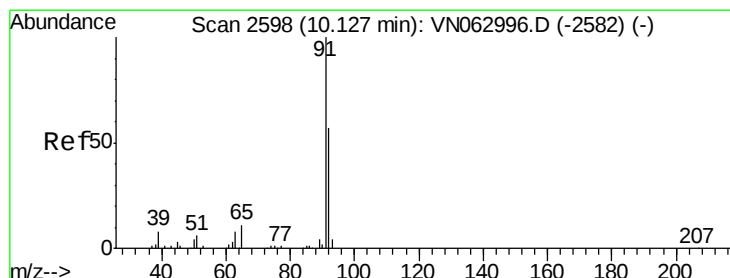
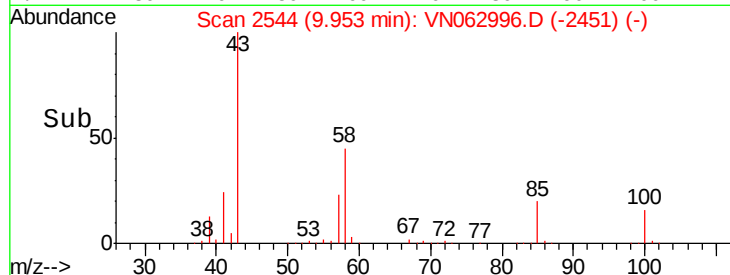
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.911 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062996.D

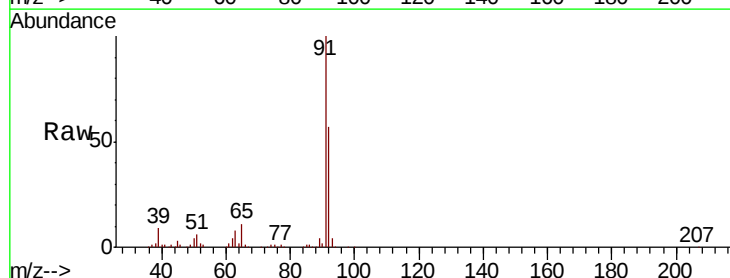
Acq: 18 Aug 2020 19:53

Tgt Ion: 92 Resp: 235519

Ion Ratio Lower Upper

92 100

91 174.0 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN062996.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062996.D (-2582) (-)

10.13

250000

200000

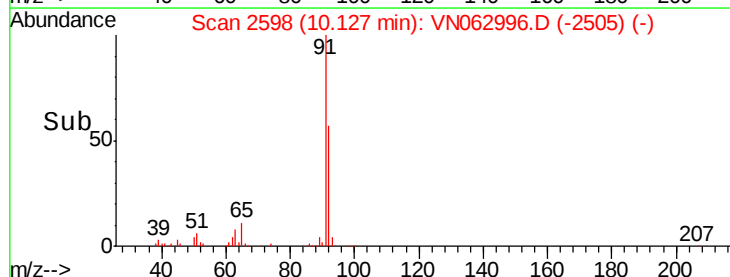
150000

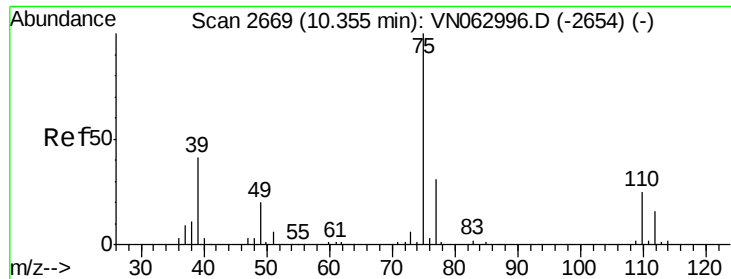
100000

50000

0

Time-->

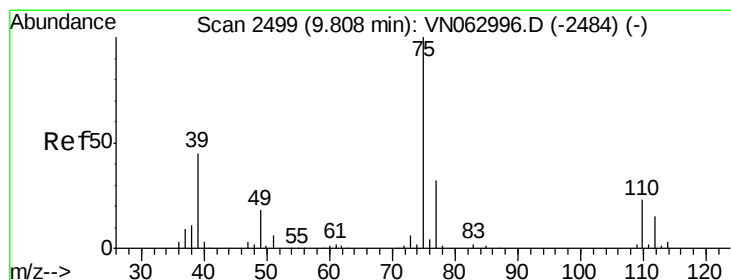
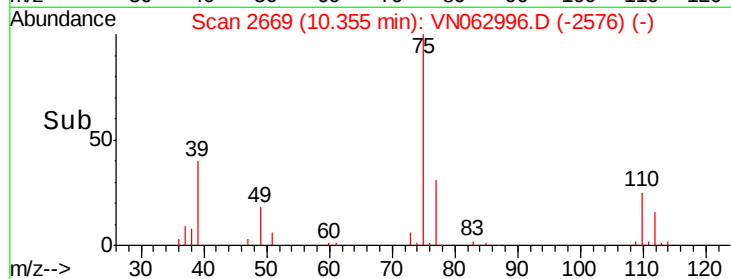
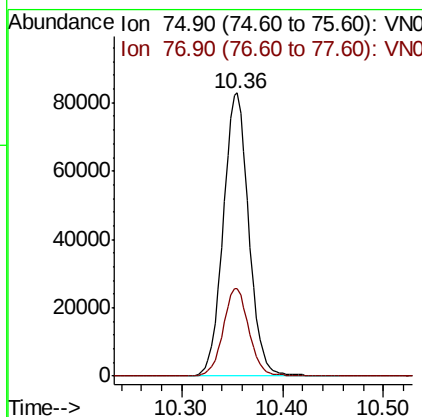
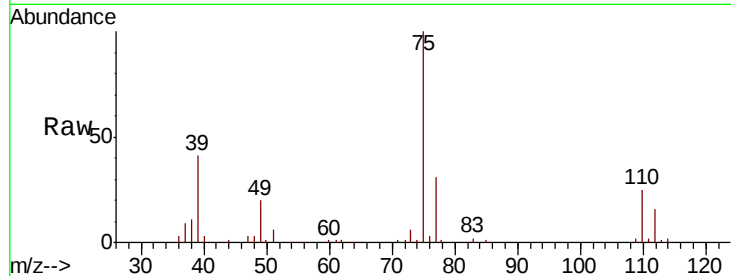




#53
t-1,3-Dichloropropene
Concen: 52.542 ug/l
RT: 10.36 min Scan# 2669
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

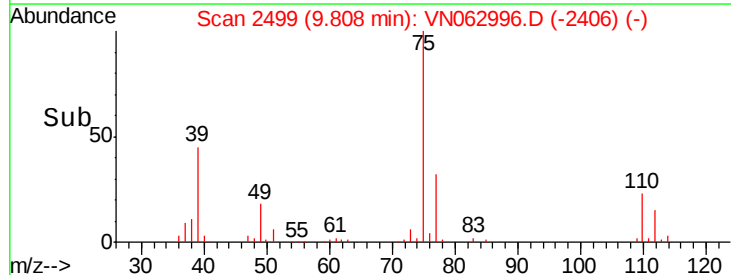
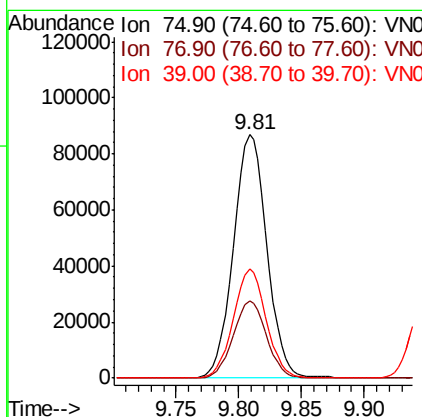
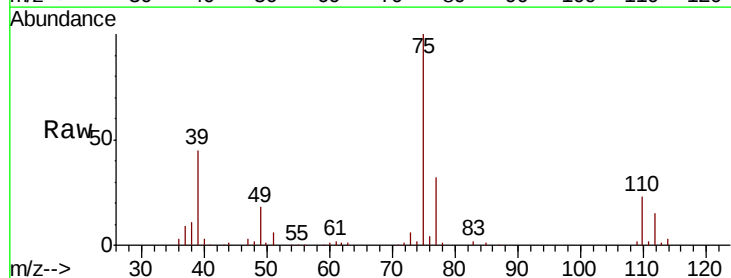
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

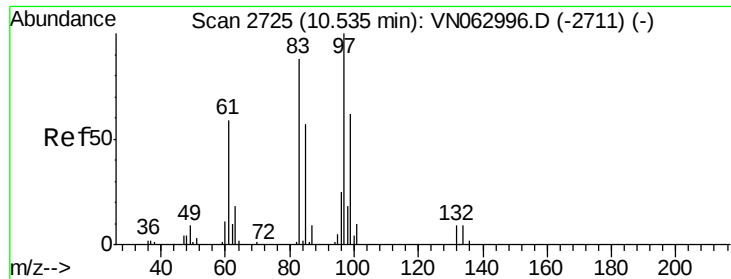
Tot Ion: 75 Resp: 146637
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 52.484 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Tgt Ion: 75 Resp: 160680
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
39 44.6 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 51.362 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 97 Resp: 97756

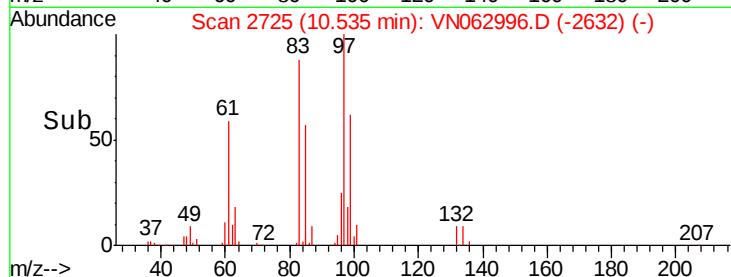
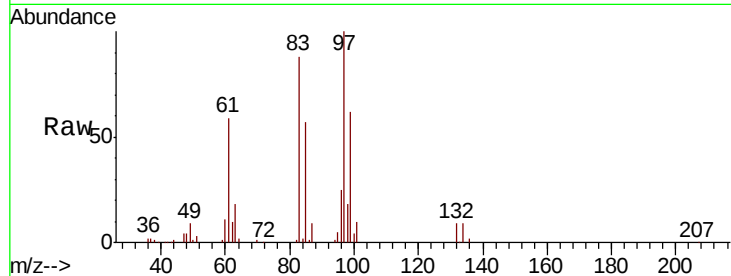
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.5	105.7
85	57.2	45.8	68.6
99	62.1	49.7	74.5

97 100

83 88.1 70.5 105.7

85 57.2 45.8 68.6

99 62.1 49.7 74.5

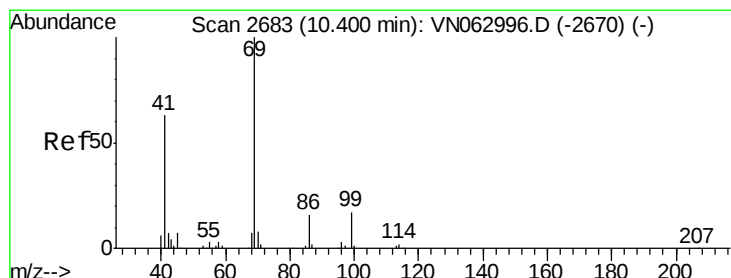
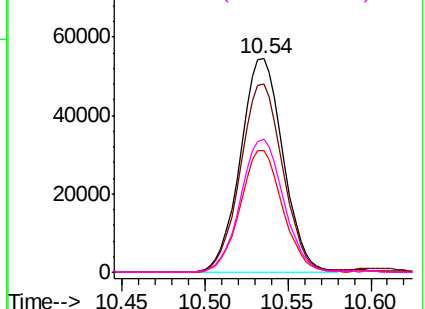


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 55.217 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

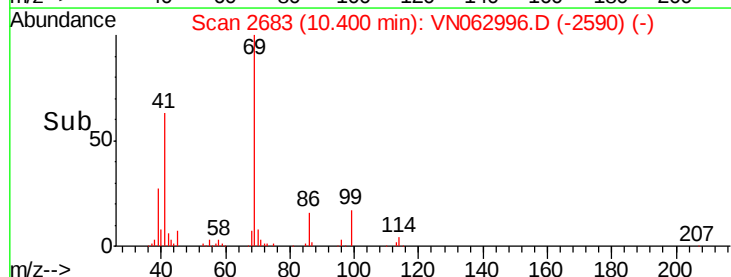
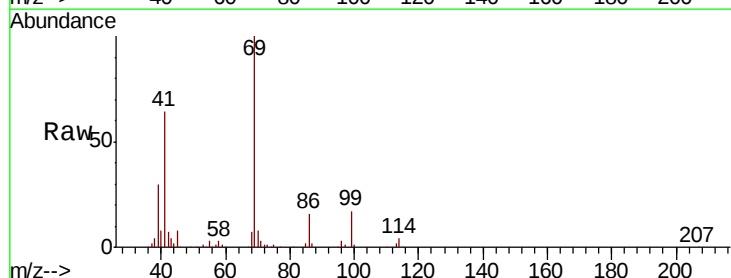
Tgt Ion: 69 Resp: 141914

Ion	Ratio	Lower	Upper
69	100		
41	62.7	50.2	75.2
39	30.3	24.2	36.4

69 100

41 62.7 50.2 75.2

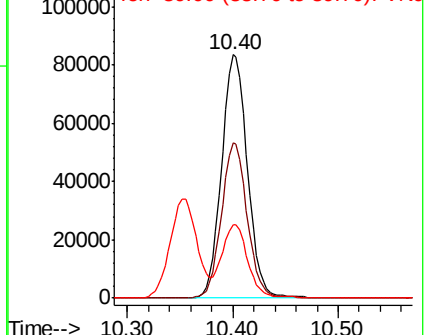
39 30.3 24.2 36.4

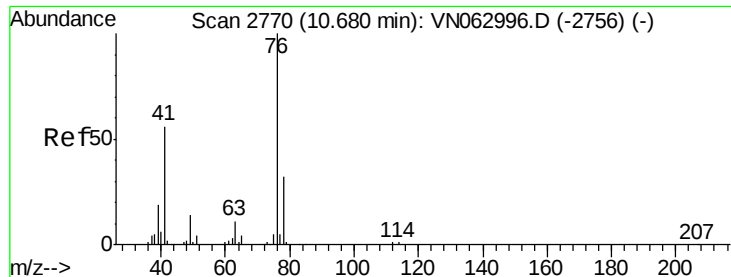


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

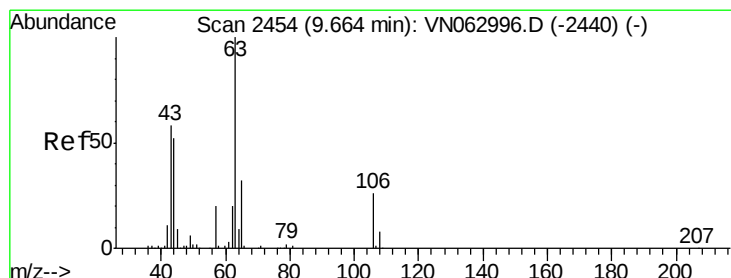
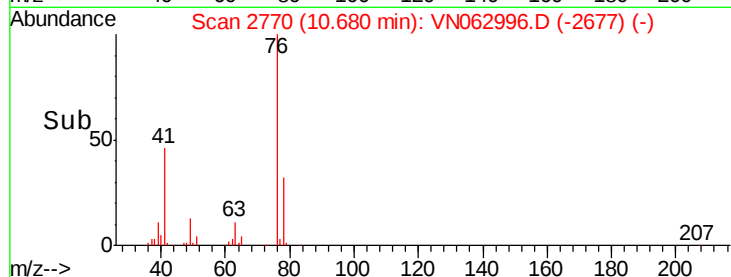
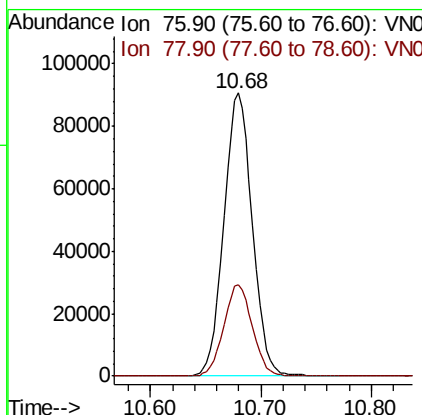
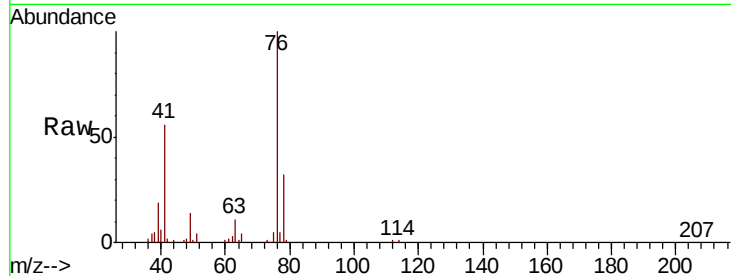




#57
 1,3-Dichloropropane
 Concen: 51.025 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062996.D
 Acq: 18 Aug 2020 19:53

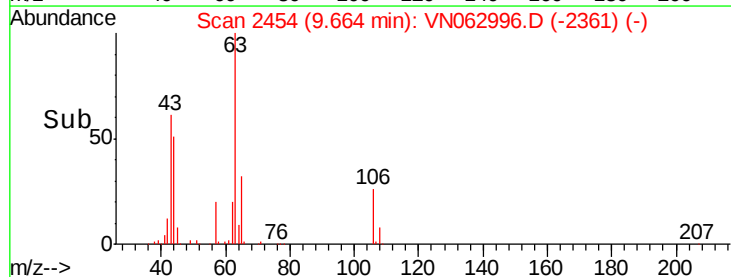
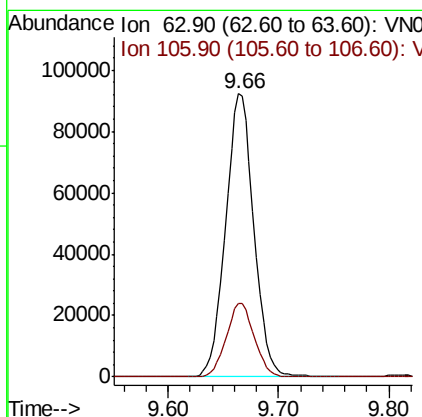
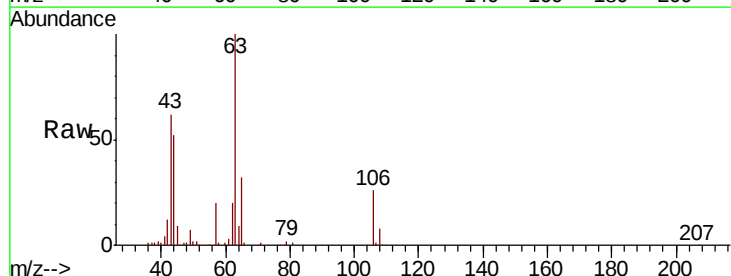
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

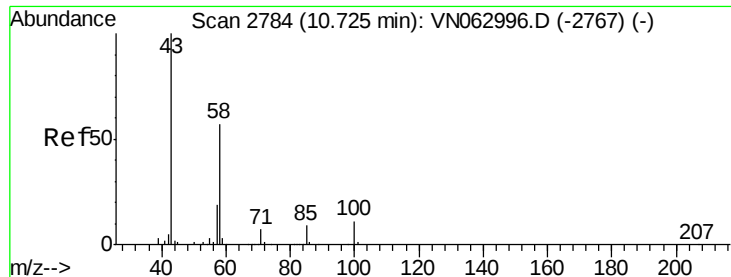
Tot Ion: 76 Resp: 161262
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.007 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062996.D
 Acq: 18 Aug 2020 19:53

Tgt Ion: 63 Resp: 163241
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.7 31.1

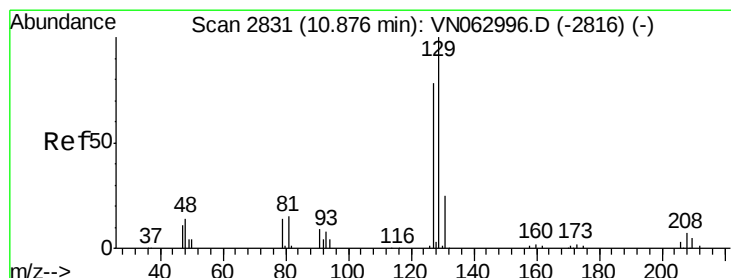
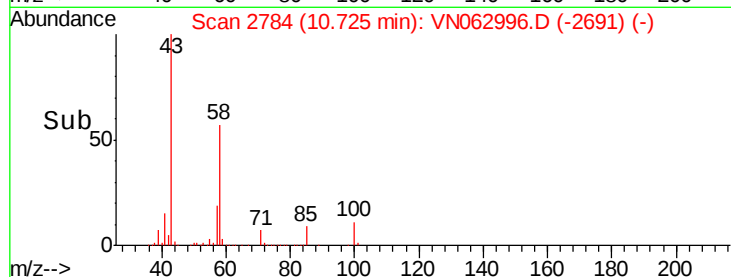
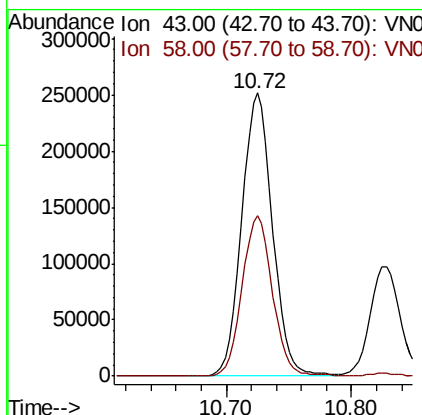
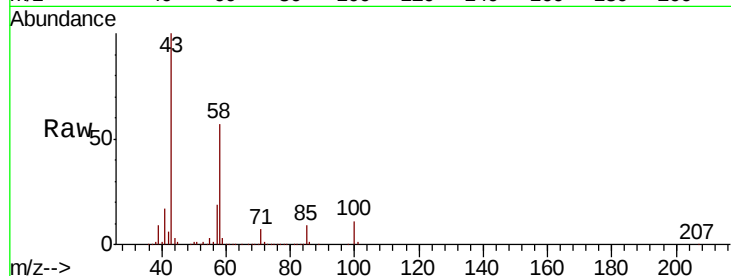




#59
2-Hexanone
Concen: 268.279 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

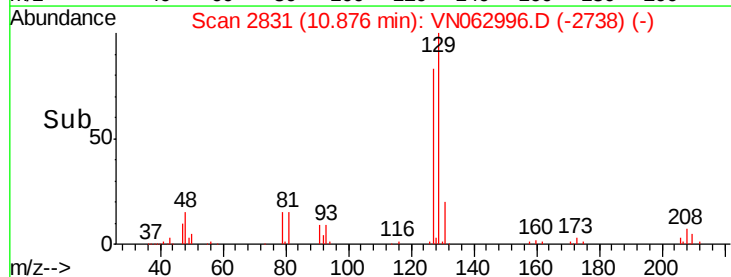
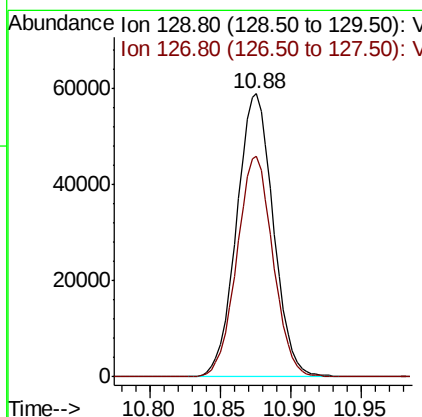
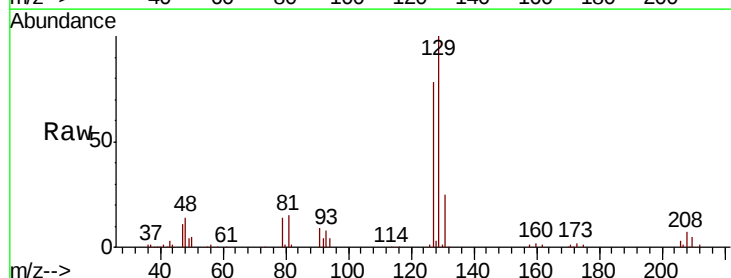
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

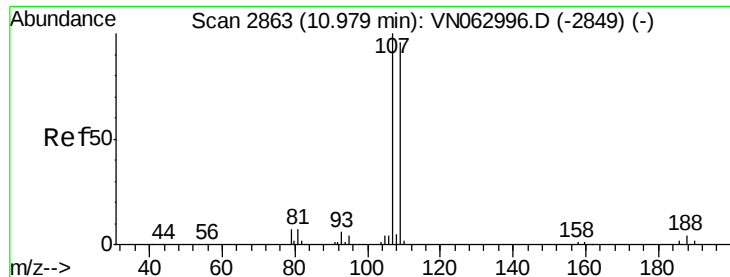
Tot Ion: 43 Resp: 427182
Ion Ratio Lower Upper
43 100
58 56.2 28.1 84.3



#60
Dibromochloromethane
Concen: 50.993 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Tgt Ion: 129 Resp: 107406
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2

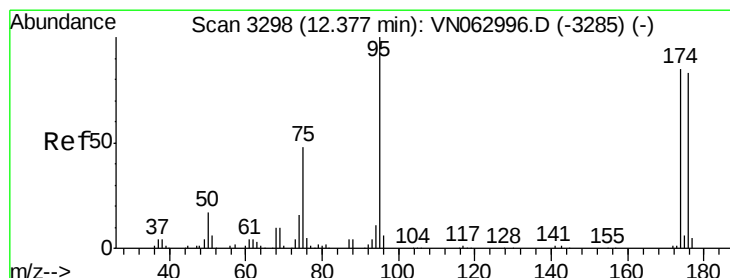
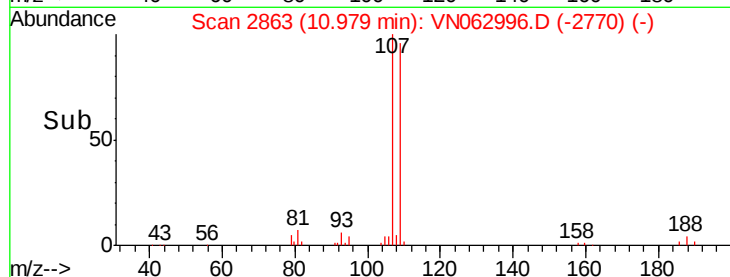
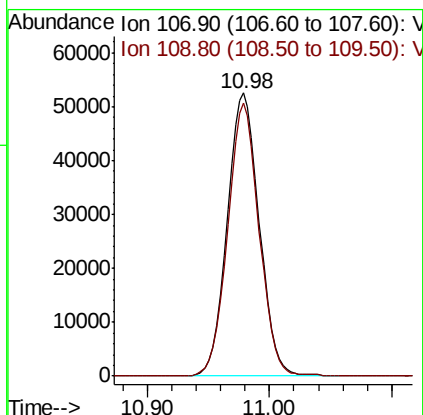
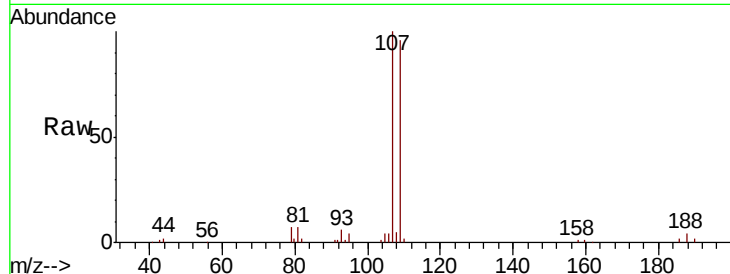




#61
 1,2-Dibromoethane
 Concen: 52.363 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062996.D
 Acq: 18 Aug 2020 19:53

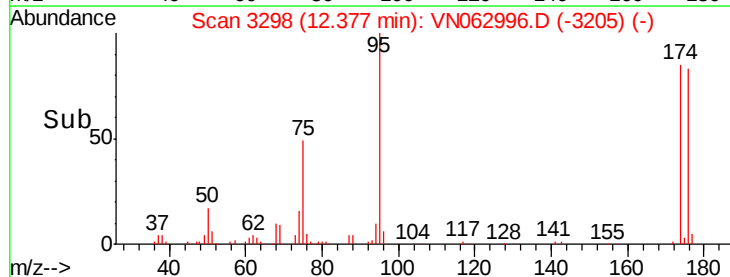
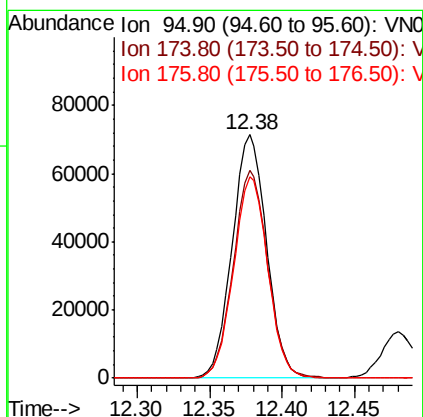
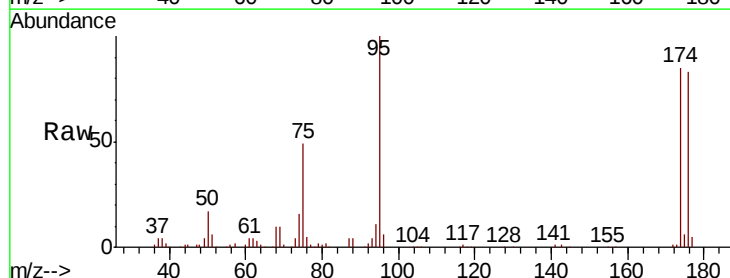
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

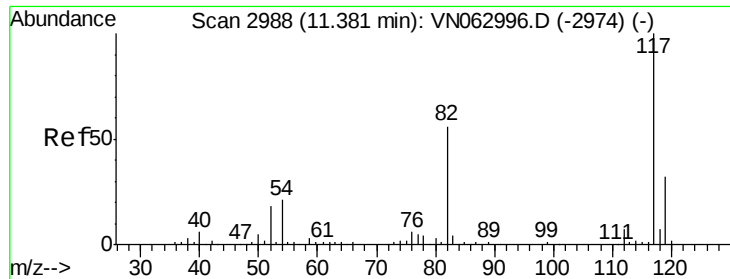
Tot Ion:107 Resp: 95762
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 50.441 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062996.D
 Acq: 18 Aug 2020 19:53

Tgt Ion: 95 Resp: 117610
 Ion Ratio Lower Upper
 95 100
 174 85.4 0.0 170.8
 176 82.4 0.0 164.8

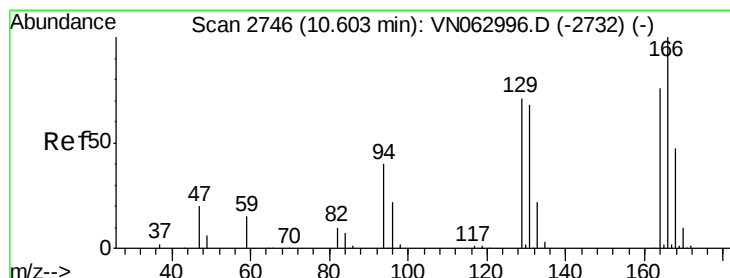
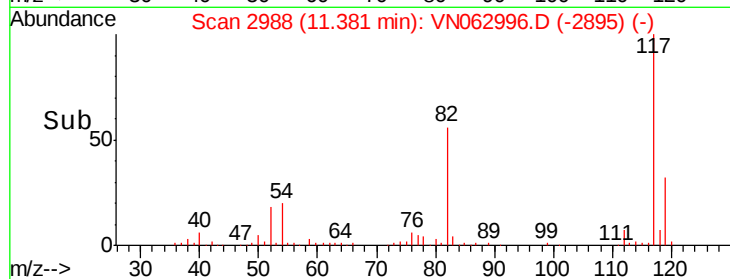
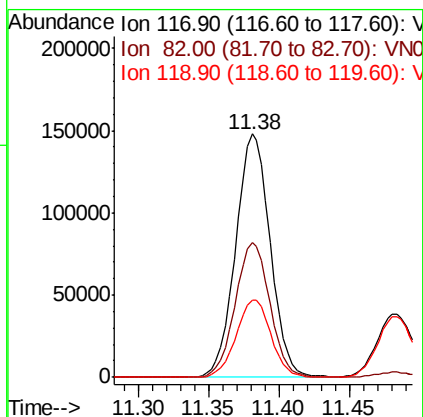
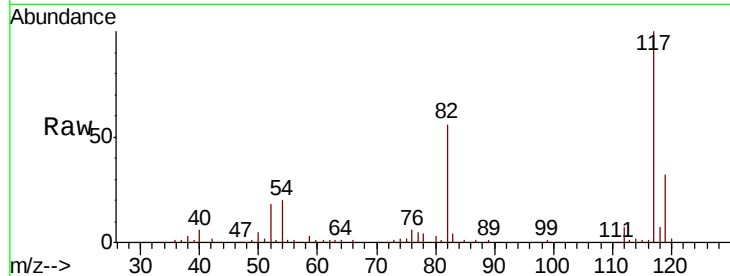




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

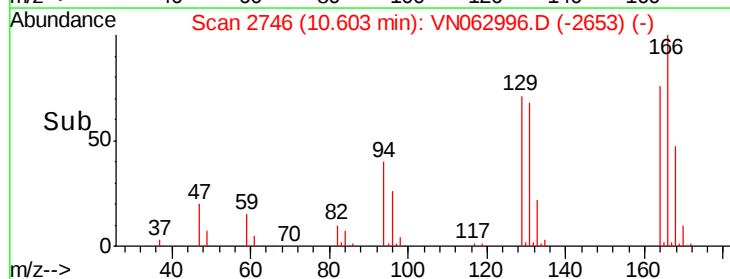
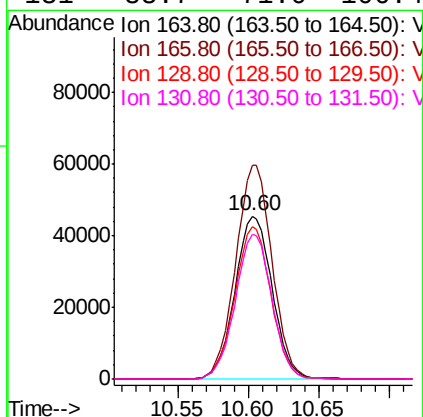
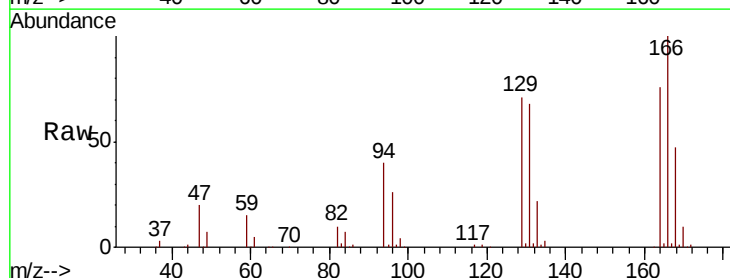
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

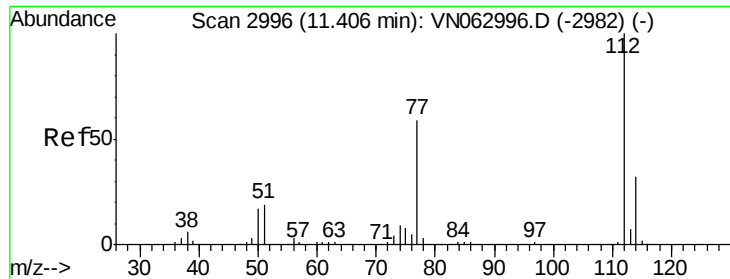
Tot Ion:117 Resp: 253805
Ion Ratio Lower Upper
117 100
82 55.6 44.5 66.7
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 50.178 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Tgt Ion:164 Resp: 83716
Ion Ratio Lower Upper
164 100
166 131.3 105.0 157.6
129 93.4 74.7 112.1
131 88.7 71.0 106.4

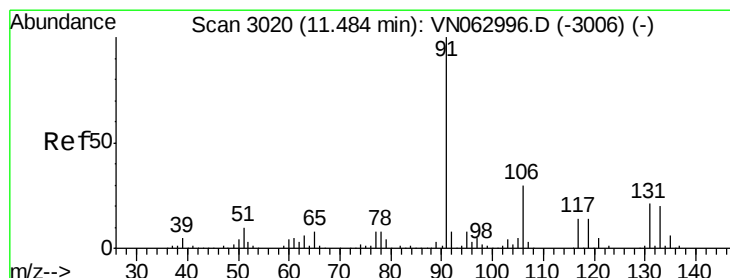
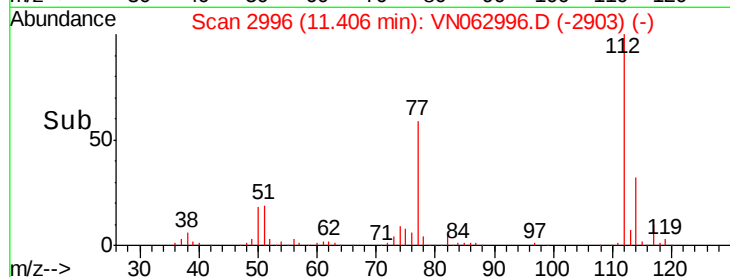
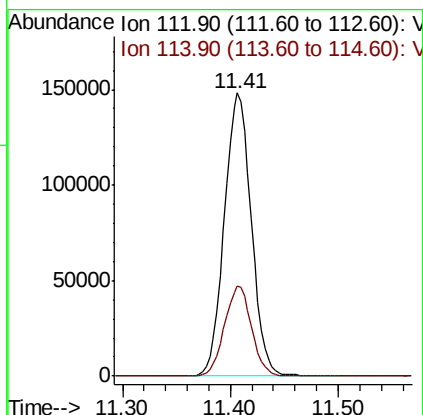
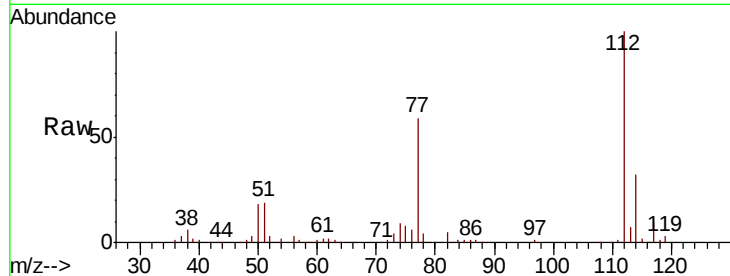




#65
Chlorobenzene
Concen: 50.514 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

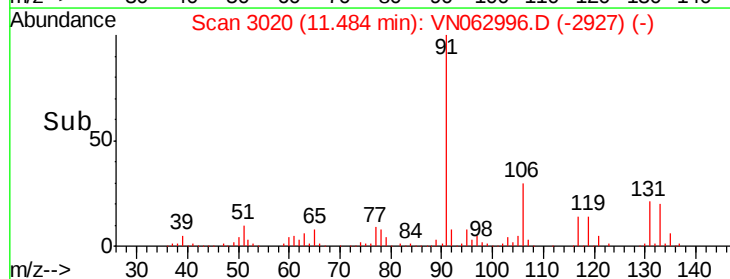
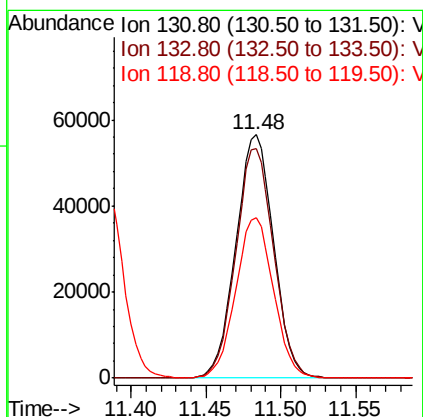
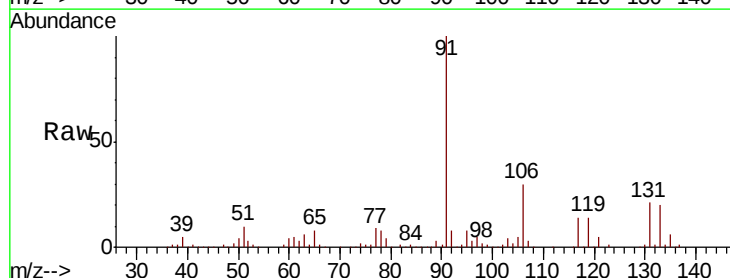
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

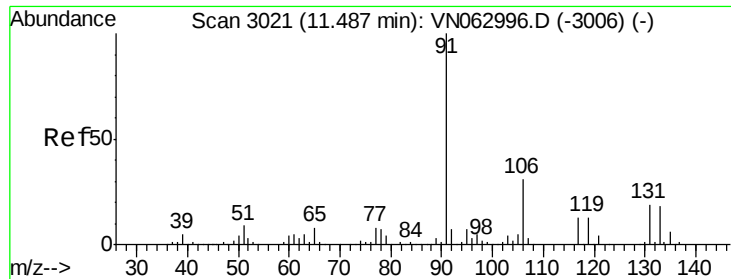
Tot Ion:112 Resp: 257485
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.998 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Tgt Ion:131 Resp: 99129
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 66.2 33.1 99.3

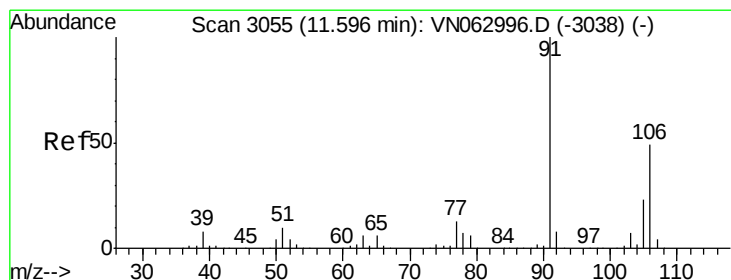
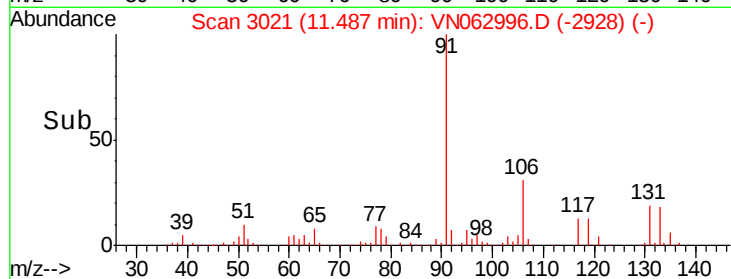
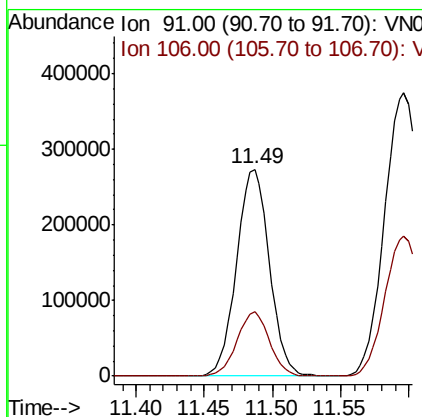
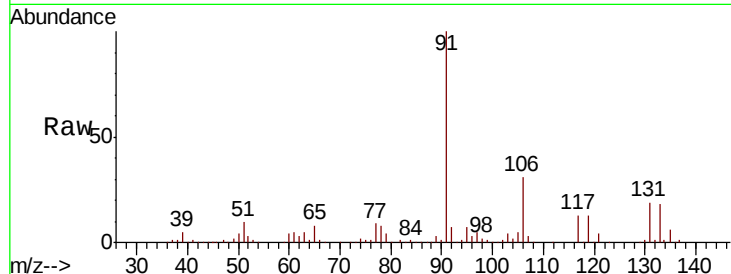




#67
Ethyl Benzene
Concen: 53.090 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

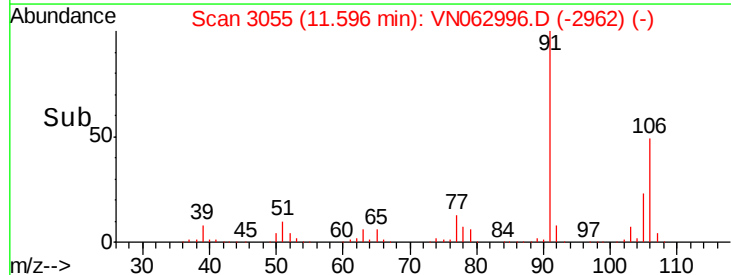
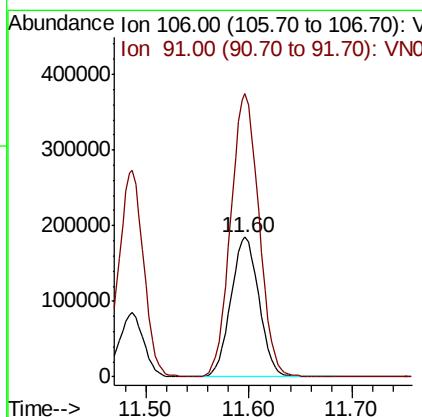
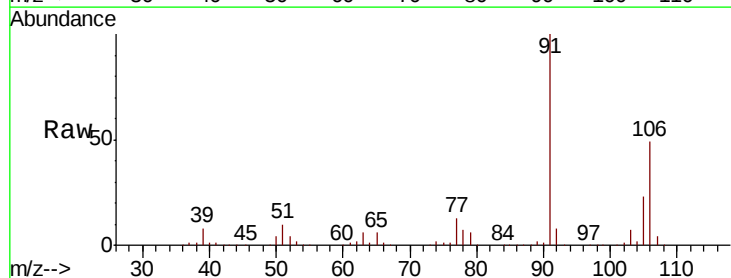
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

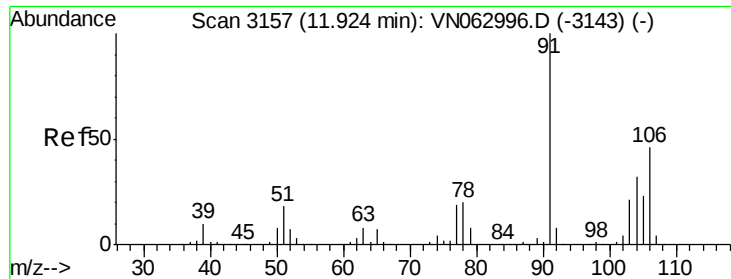
Tot Ion: 91 Resp: 457263
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0



#68
m/p-Xylenes
Concen: 109.624 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Tgt Ion: 106 Resp: 350927
Ion Ratio Lower Upper
106 100
91 203.7 163.0 244.4

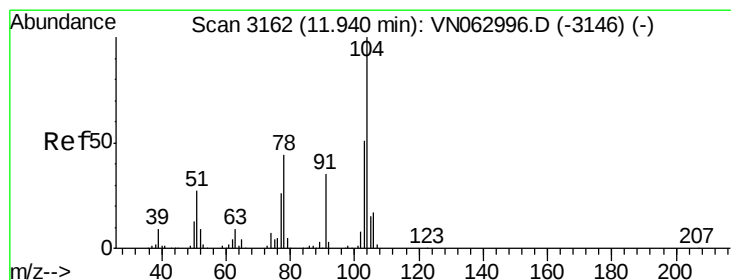
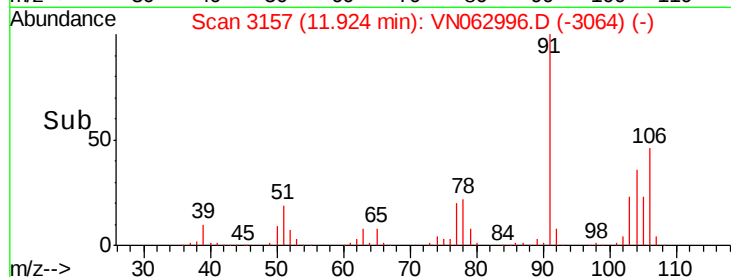
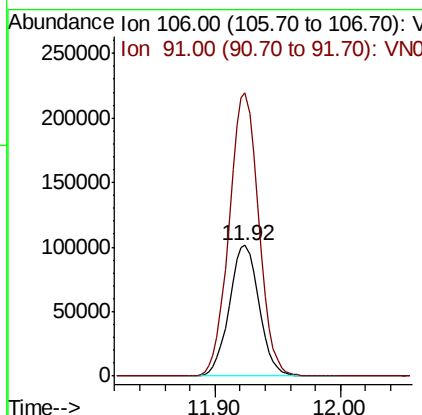
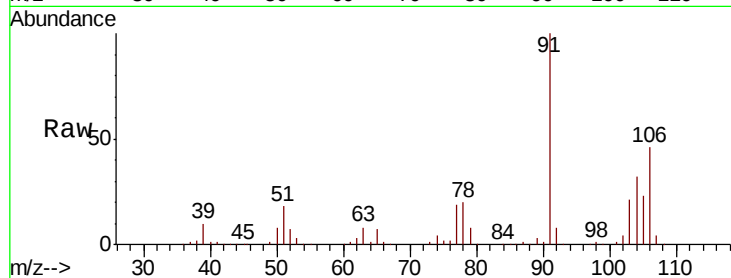




#69
o-Xylene
Concen: 54.556 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

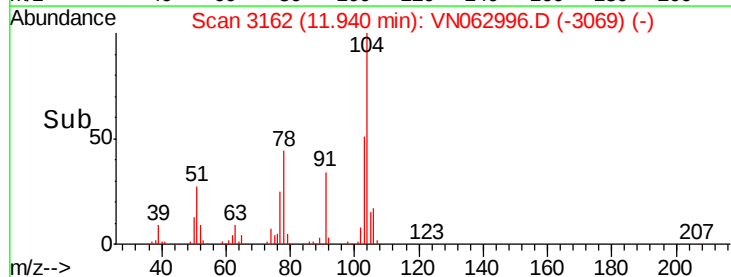
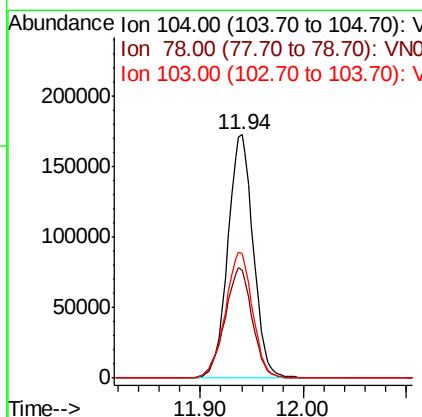
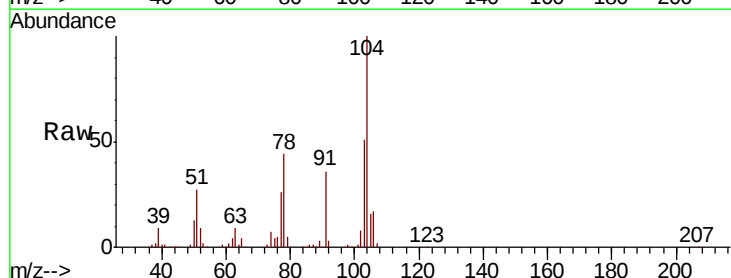
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

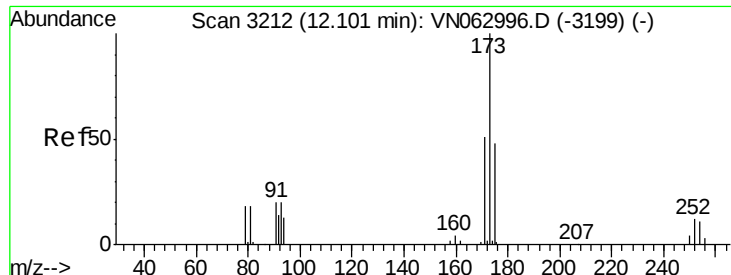
Tot Ion:106 Resp: 167706
Ion Ratio Lower Upper
106 100
91 214.6 107.3 321.9



#70
Styrene
Concen: 56.296 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Tgt Ion:104 Resp: 296992
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 55.4 44.3 66.5

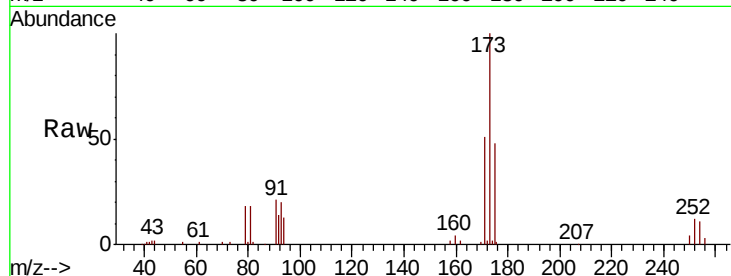




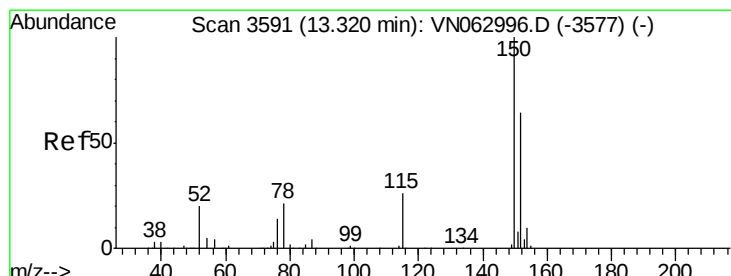
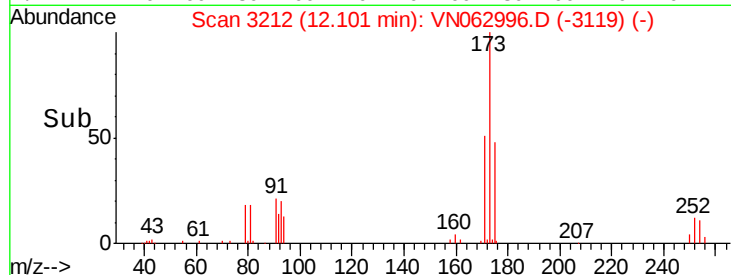
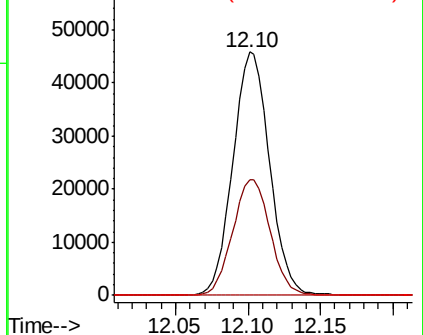
#71
Bromoform
Concen: 50.969 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:173 Resp: 80436
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.0 0.0 0.0

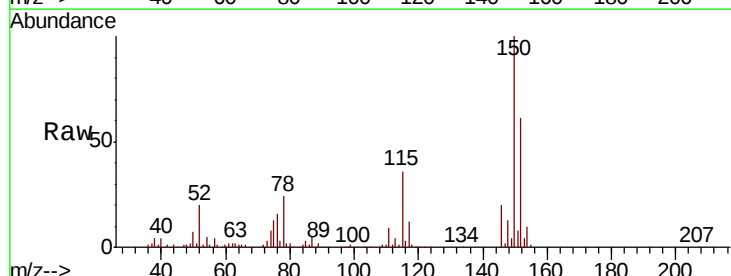


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

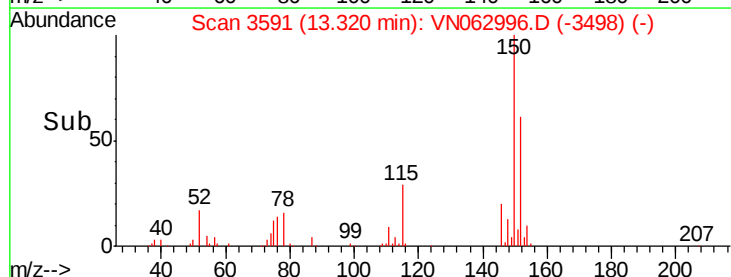
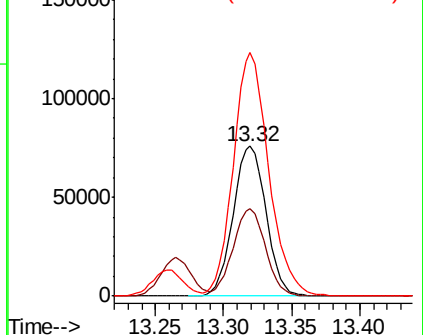


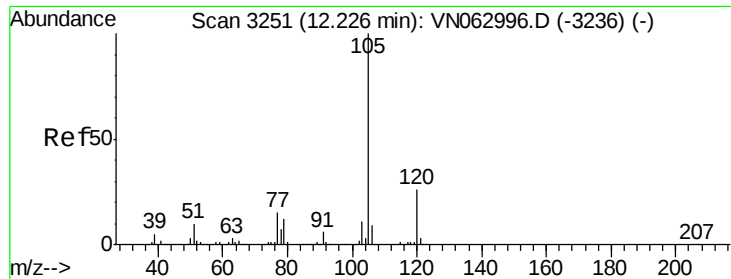
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Tgt Ion:152 Resp: 126765
Ion Ratio Lower Upper
152 100
115 57.5 28.7 86.3
150 174.4 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.116 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

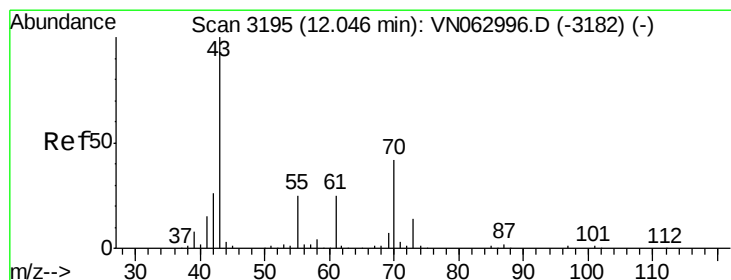
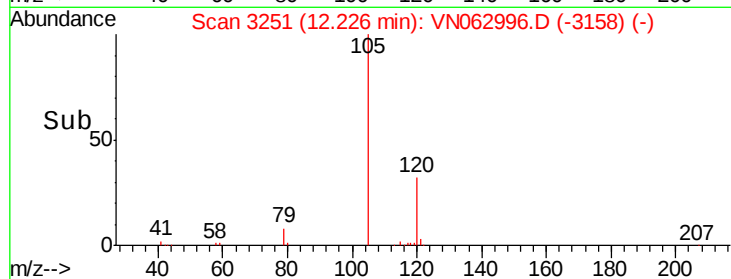
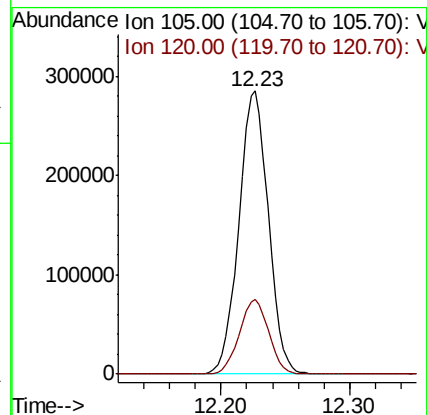
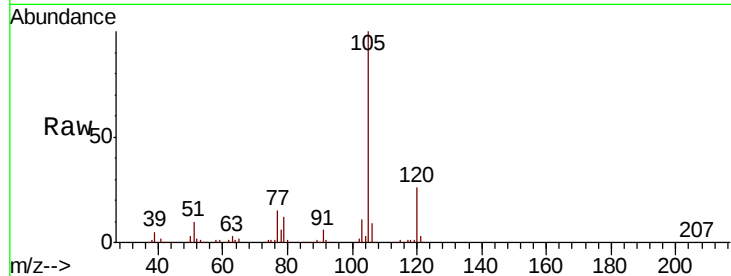
VSTDICCC050

Tot Ion:105 Resp: 452417

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 54.691 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Tgt Ion: 43 Resp: 170039

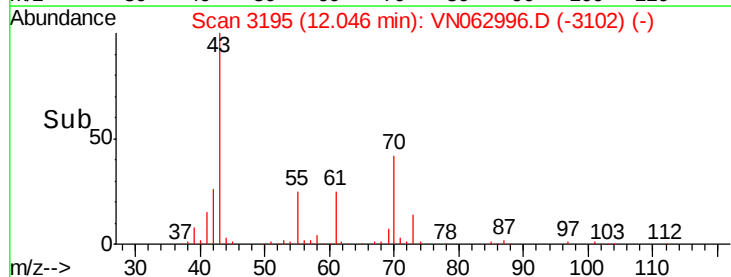
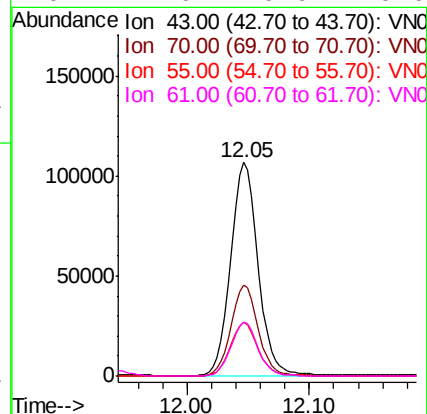
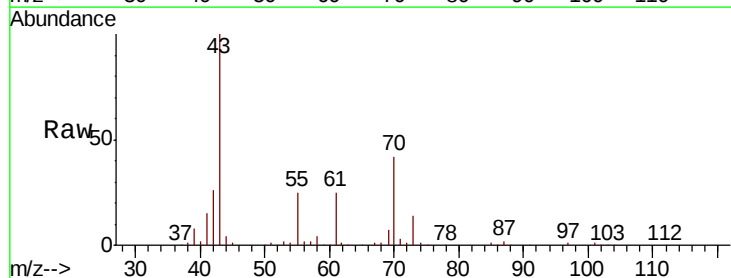
Ion Ratio Lower Upper

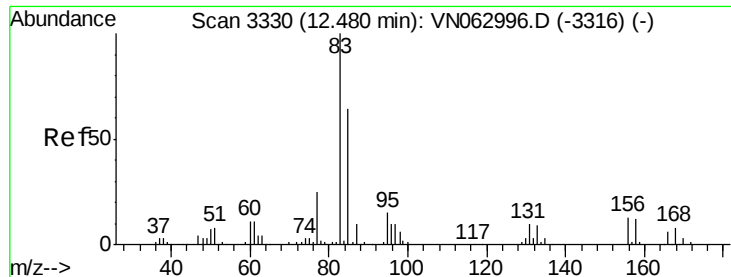
43 100

70 41.7 33.4 50.0

55 25.2 20.2 30.2

61 24.9 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 47.033 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

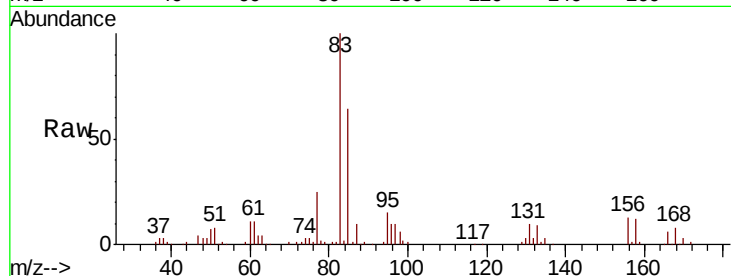
Tot Ion: 83 Resp: 145674

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

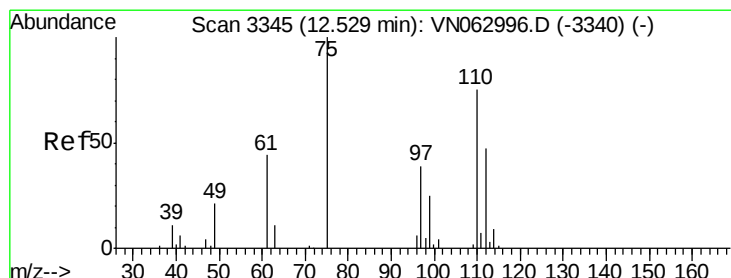
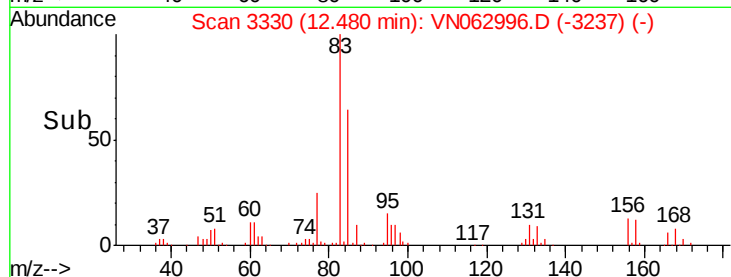
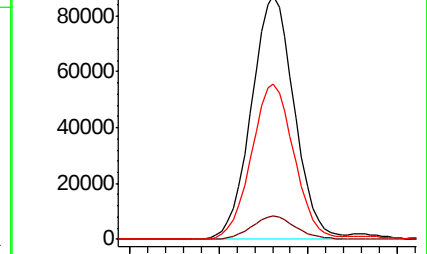
85 63.7 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN062996.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN062996.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN062996.D (-3316) (-)



#76

1,2,3-Trichloropropane

Concen: 71.078 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062996.D

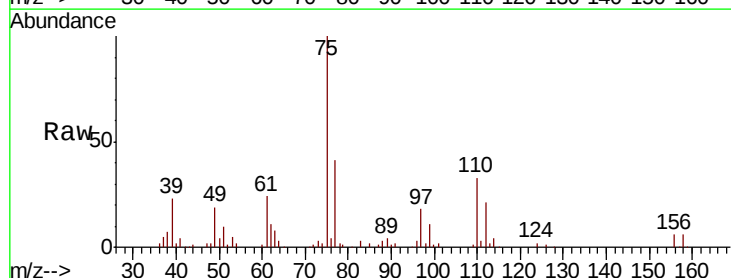
Acq: 18 Aug 2020 19:53

Tgt Ion: 75 Resp: 177460

Ion Ratio Lower Upper

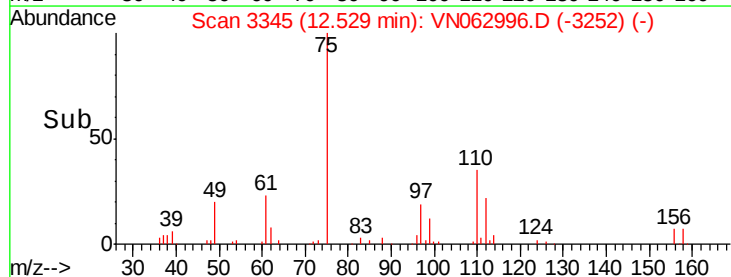
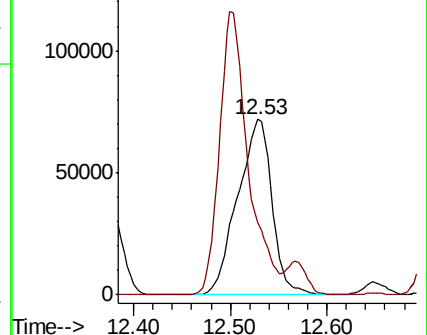
75 100

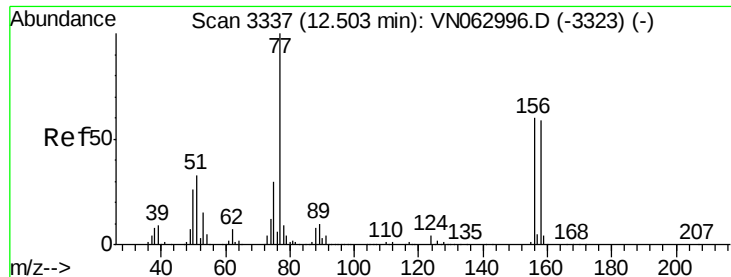
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062996.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN062996.D (-3340) (-)





#77

Bromobenzene

Concen: 49.559 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

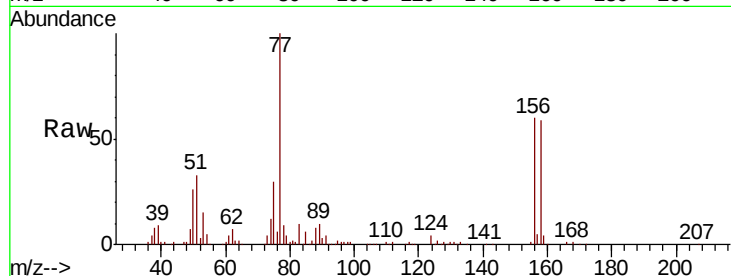
Tot Ion:156 Resp: 118322

Ion Ratio Lower Upper

156 100

77 201.9 101.0 302.9

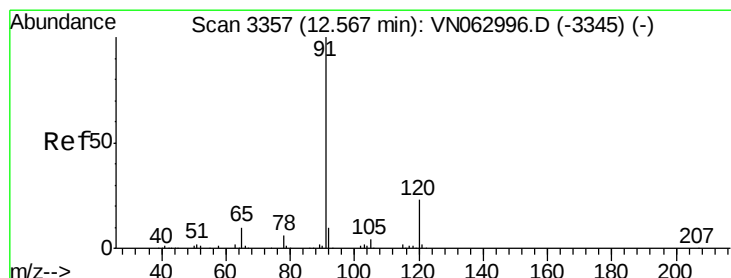
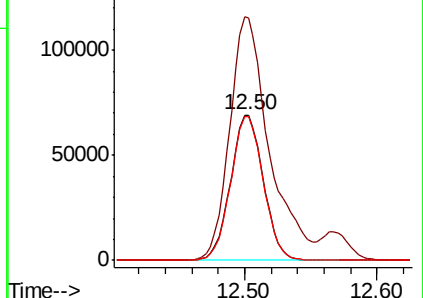
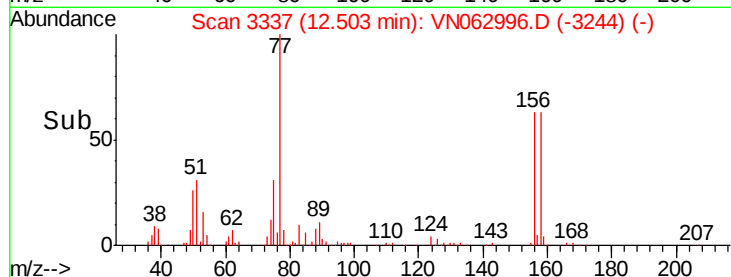
158 98.7 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.057 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062996.D

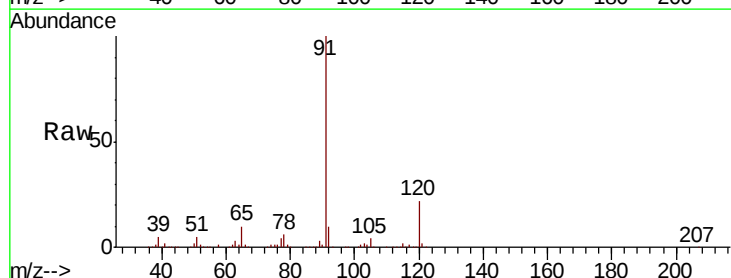
Acq: 18 Aug 2020 19:53

Tgt Ion: 91 Resp: 534878

Ion Ratio Lower Upper

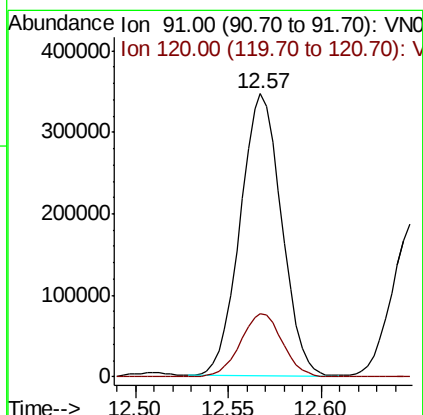
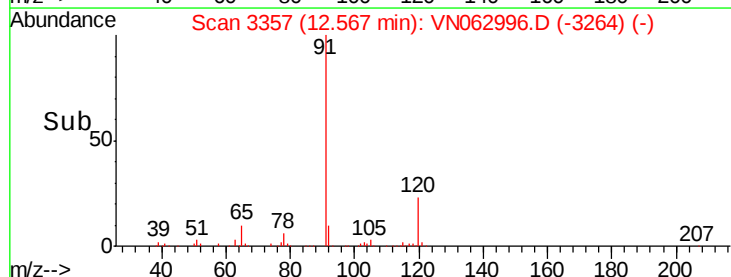
91 100

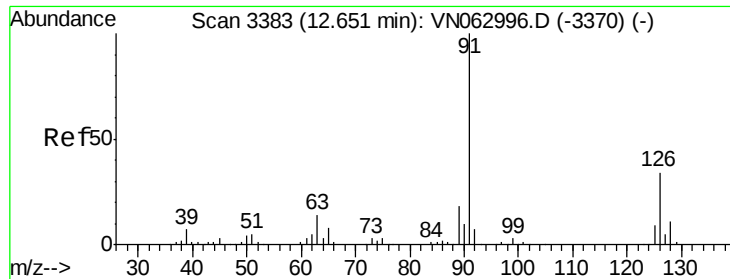
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

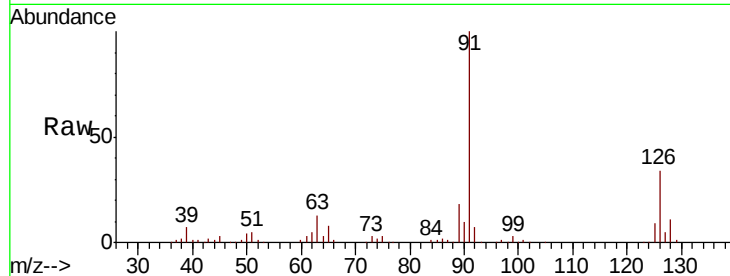




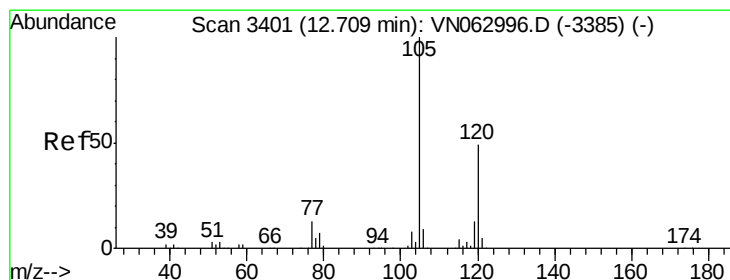
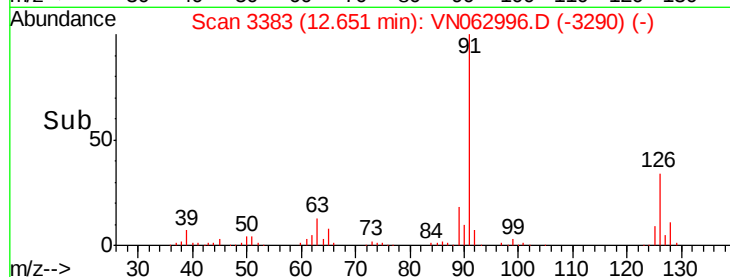
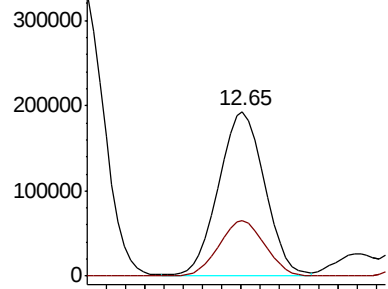
#79
 2-Chlorotoluene
 Concen: 50.864 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062996.D
 Acq: 18 Aug 2020 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 316560
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.1 51.2

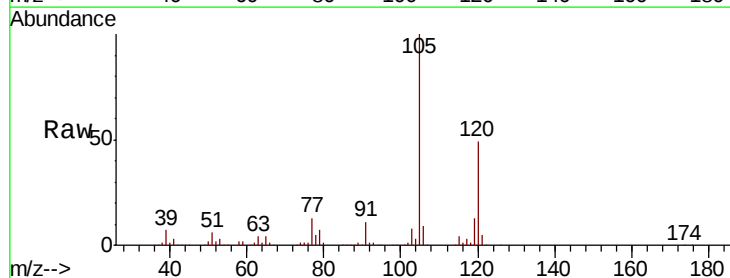


Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3370) (-)
 Ion 125.90 (125.60 to 126.60): VN062996.D (-3370) (-)

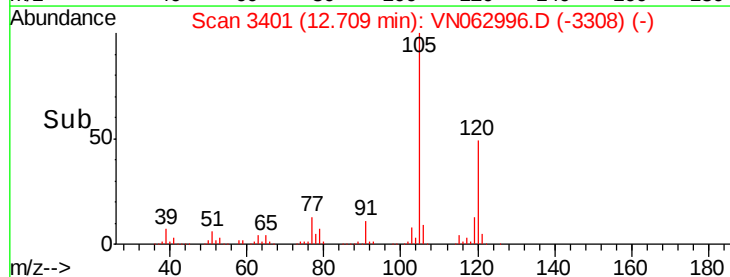
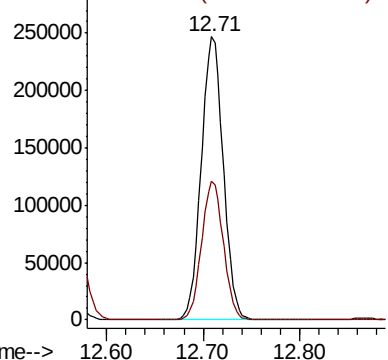


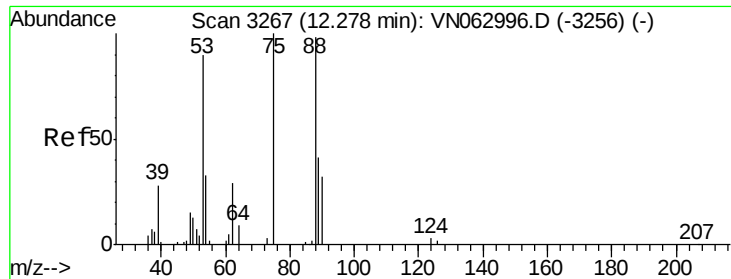
#80
 1,3,5-Trimethylbenzene
 Concen: 54.479 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062996.D
 Acq: 18 Aug 2020 19:53

Tgt Ion: 105 Resp: 390945
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN062996.D (-3385) (-)
 Ion 120.00 (119.70 to 120.70): VN062996.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.998 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

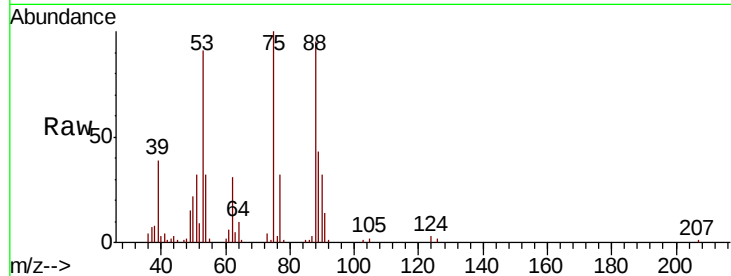
Tot Ion: 75 Resp: 47548

Ion Ratio Lower Upper

75 100

53 86.5 69.2 103.8

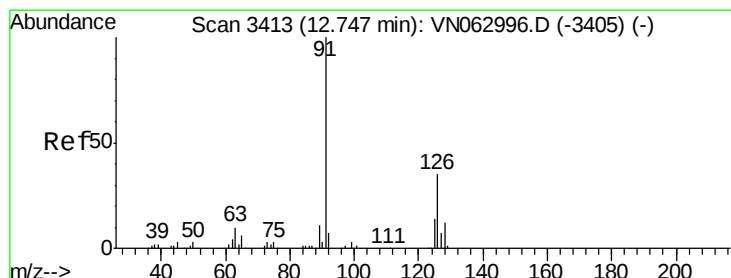
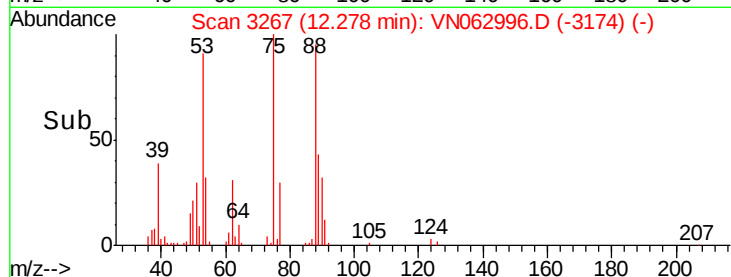
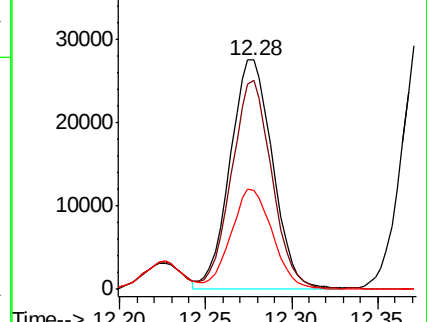
89 42.8 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VN062996.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN062996.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN062996.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 51.785 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062996.D

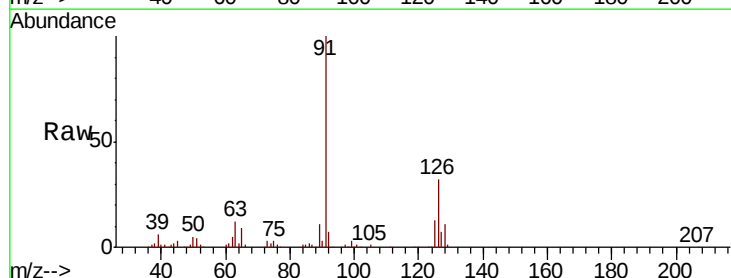
Acq: 18 Aug 2020 19:53

Tgt Ion: 91 Resp: 328177

Ion Ratio Lower Upper

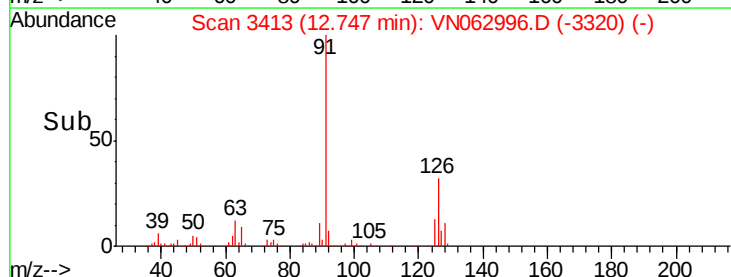
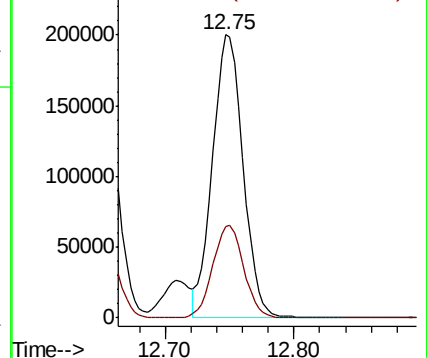
91 100

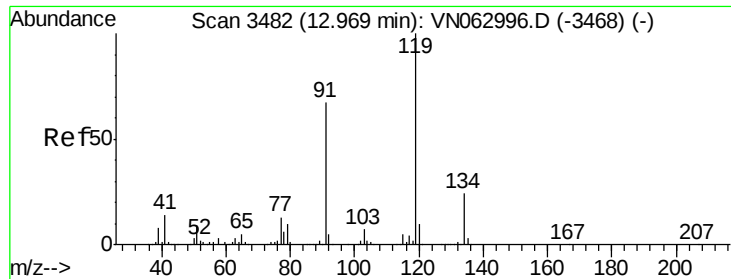
126 33.0 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3405) (-)

Ion 125.90 (125.60 to 126.60): VN062996.D (-3405) (-)

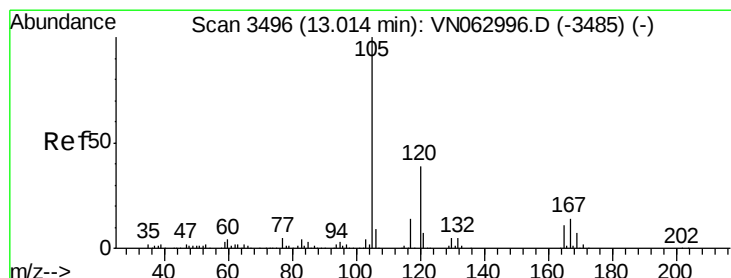
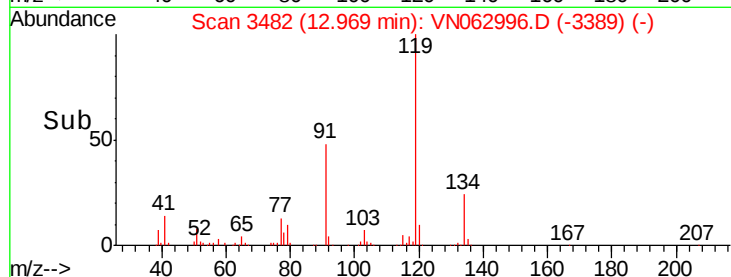
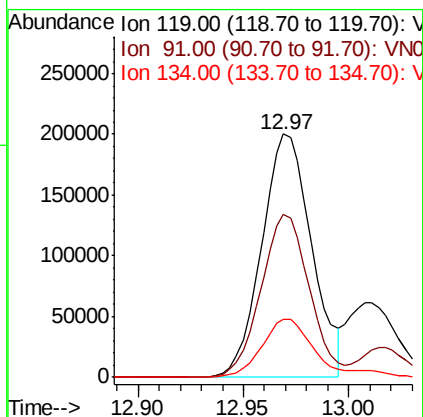
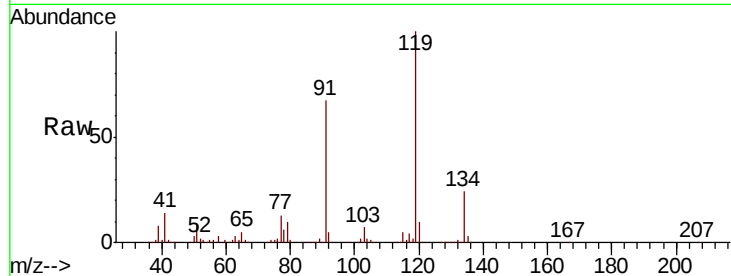




#83
tert-Butylbenzene
Concen: 53.278 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

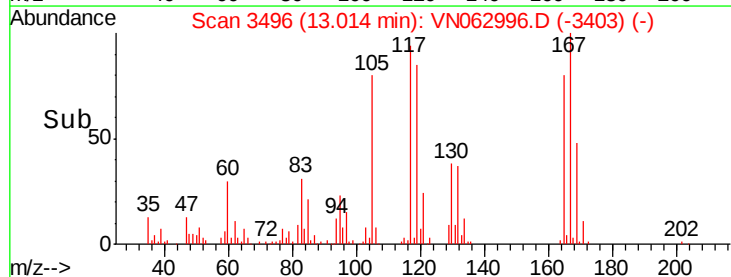
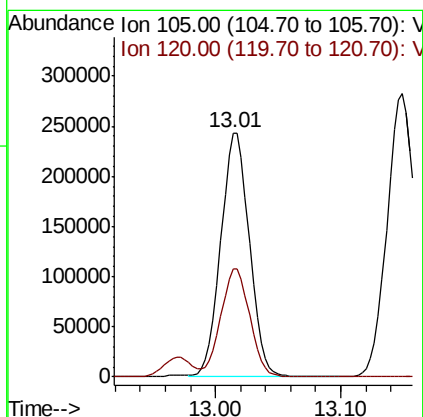
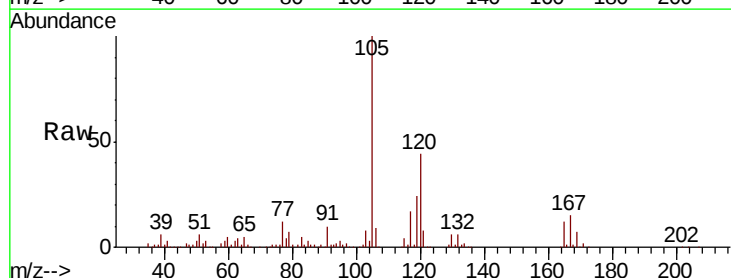
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

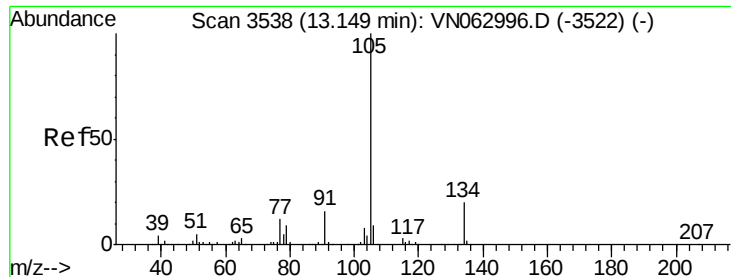
Tot Ion:119 Resp: 329990
Ion Ratio Lower Upper
119 100
91 64.9 32.5 97.4
134 26.2 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 54.860 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Tgt Ion:105 Resp: 383525
Ion Ratio Lower Upper
105 100
120 45.0 22.5 67.5





#85

sec-Butylbenzene

Concen: 53.680 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

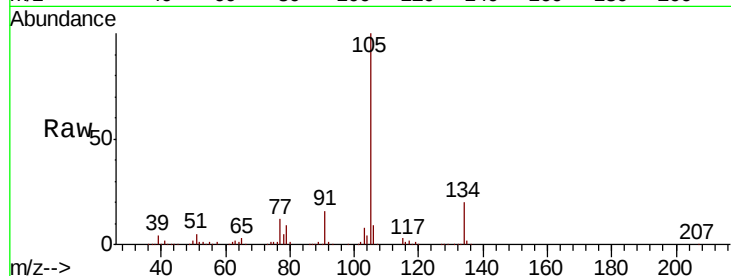
VSTDICCC050

Tot Ion:105 Resp: 449340

Ion Ratio Lower Upper

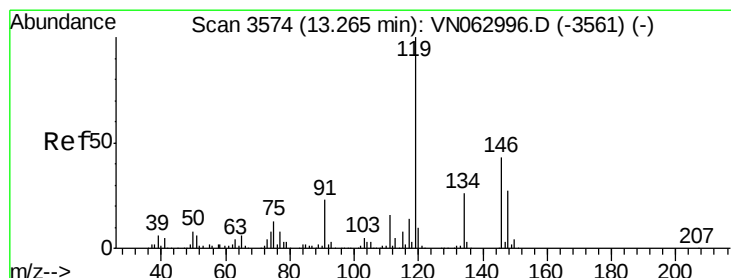
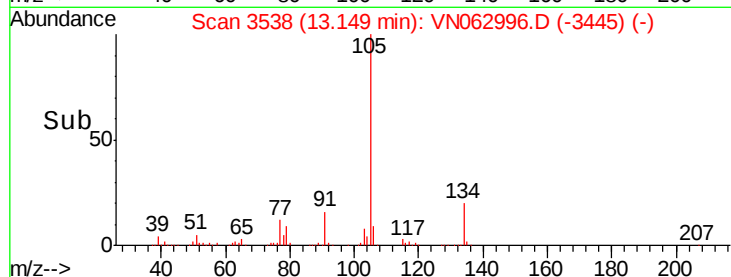
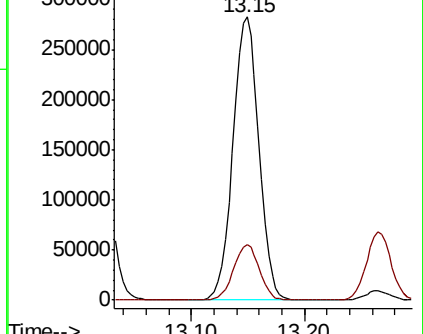
105 100

134 19.6 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.625 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062996.D

Acq: 18 Aug 2020 19:53

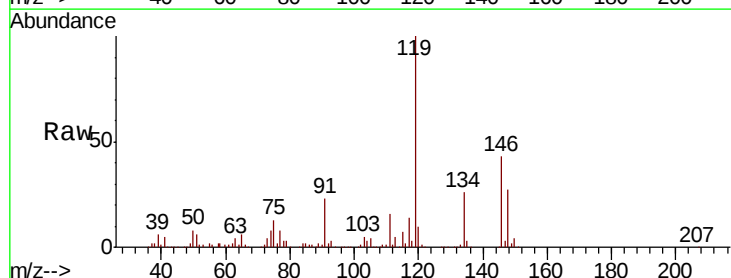
Tgt Ion:119 Resp: 398416

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

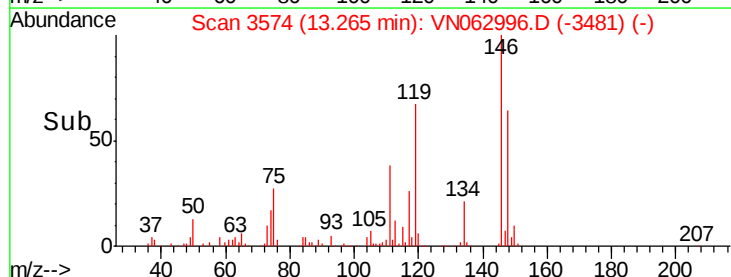
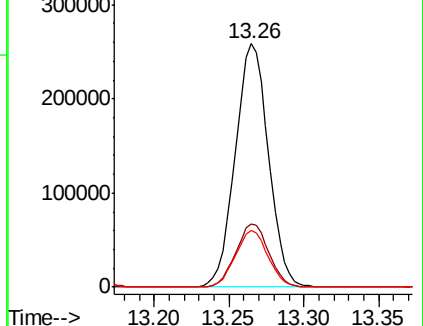
91 22.9 11.5 34.4

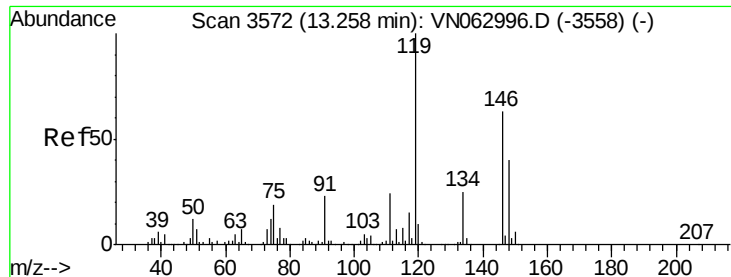


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

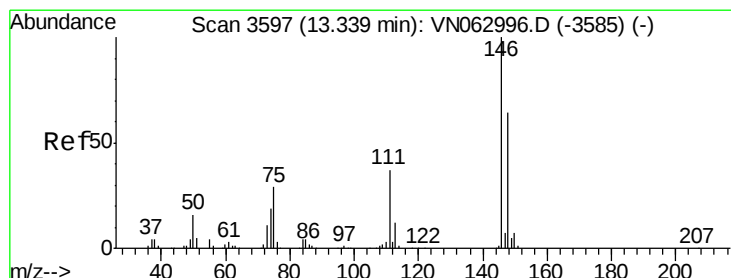
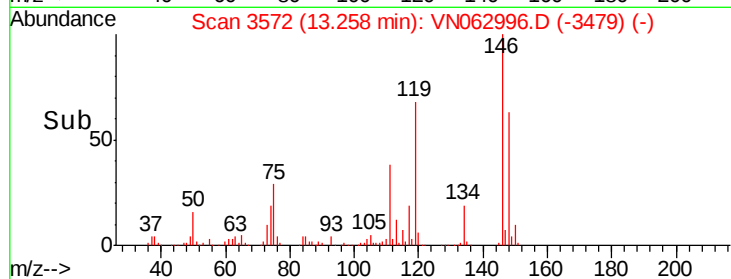
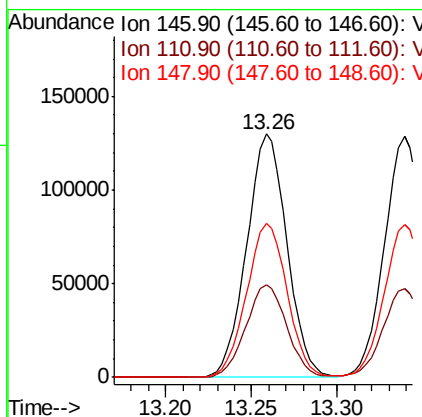
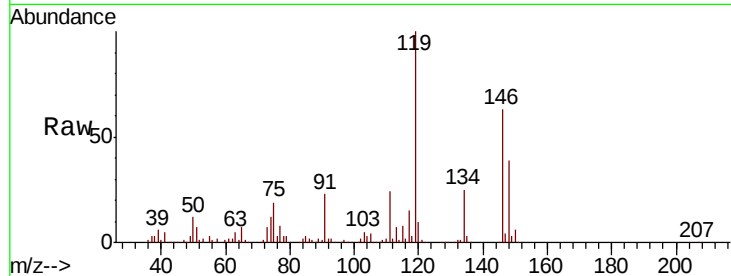




#87
 1,3-Dichlorobenzene
 Concen: 51.222 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062996.D
 Acq: 18 Aug 2020 19:53

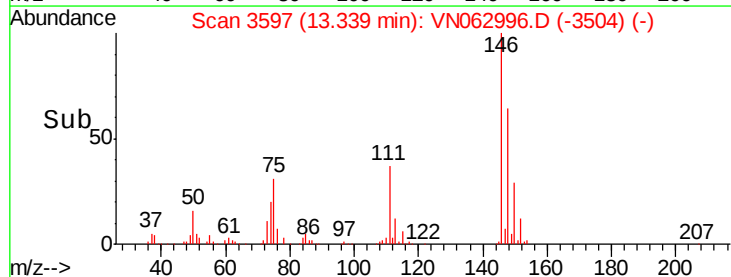
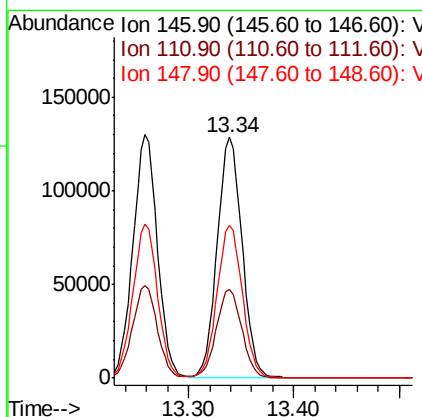
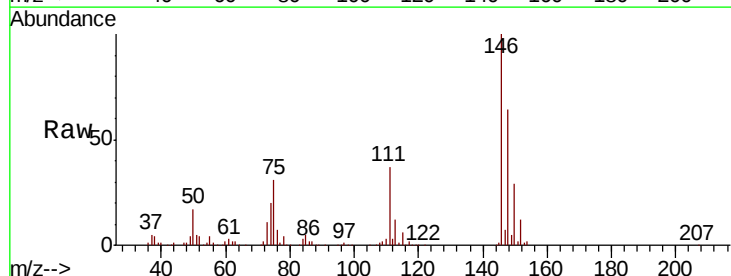
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

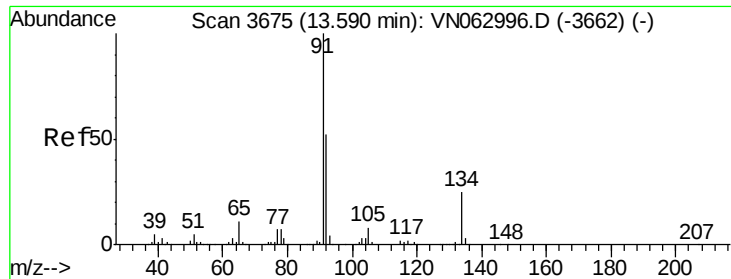
Tot Ion:146 Resp: 210169
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 64.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 50.520 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062996.D
 Acq: 18 Aug 2020 19:53

Tgt Ion:146 Resp: 210393
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.4
 148 64.7 32.4 97.0

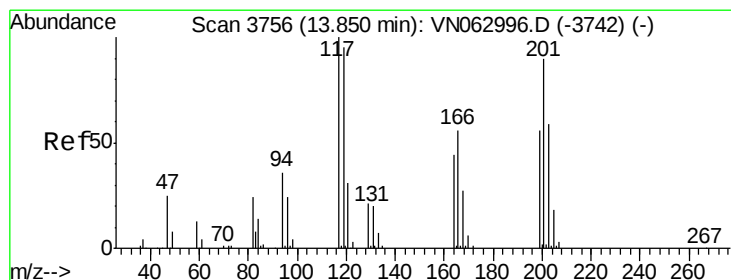
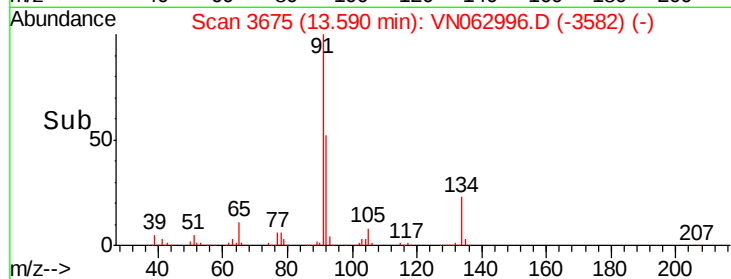
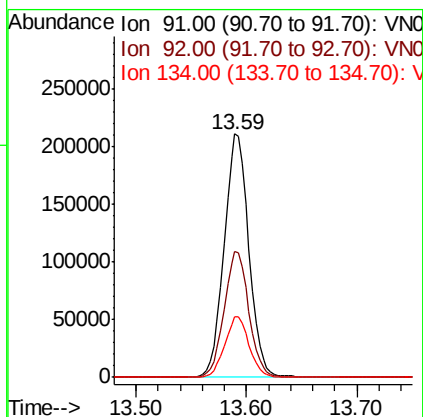
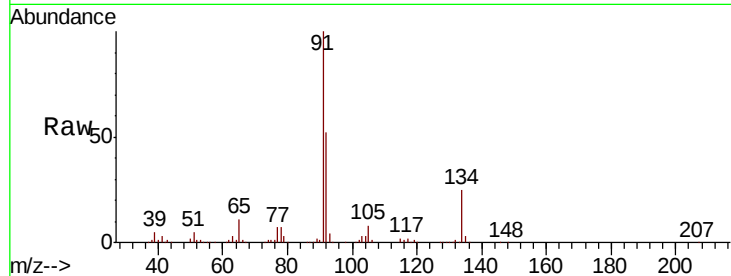




#89
n-Butylbenzene
Concen: 53.236 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

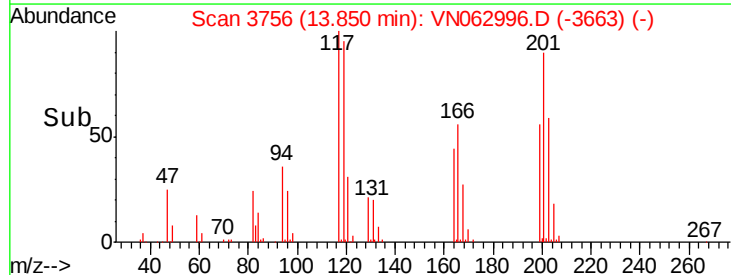
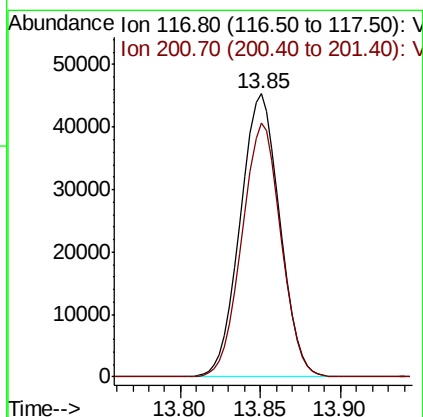
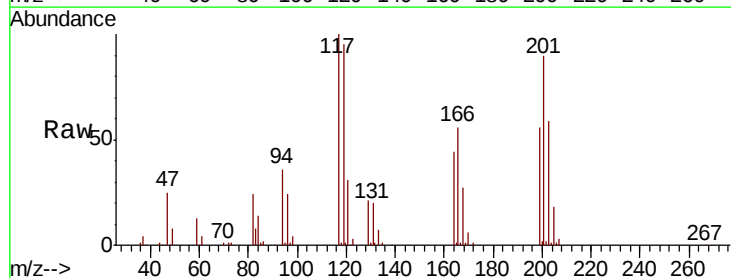
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

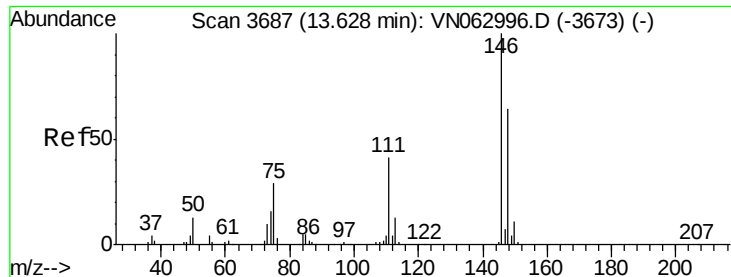
Tot Ion: 91 Resp: 327677
Ion Ratio Lower Upper
91 100
92 51.7 25.9 77.6
134 24.7 12.4 37.0



#90
Hexachloroethane
Concen: 49.361 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Tgt Ion: 117 Resp: 76521
Ion Ratio Lower Upper
117 100
201 88.3 44.1 132.4

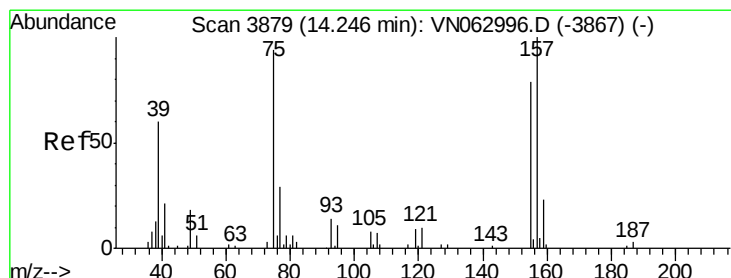
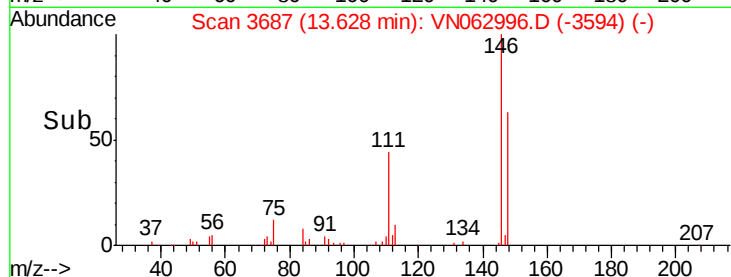
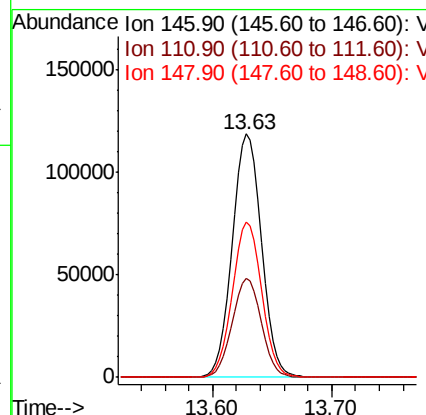
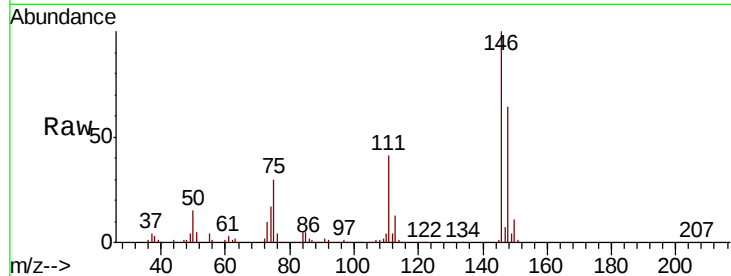




#91
 1,2-Dichlorobenzene
 Concen: 51.228 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062996.D
 Acq: 18 Aug 2020 19:53

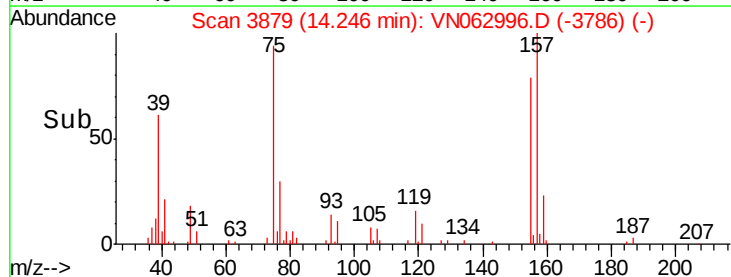
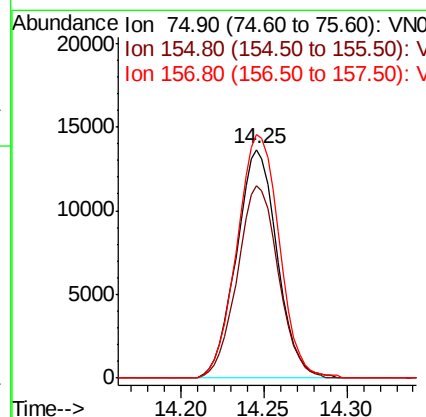
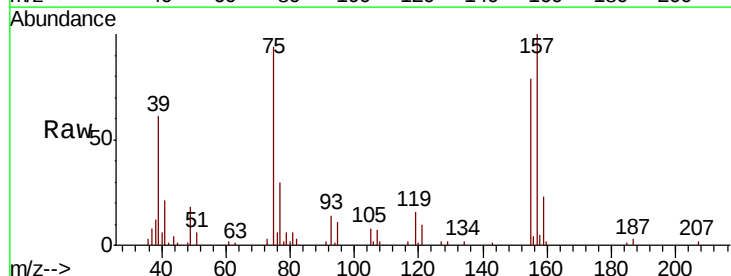
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

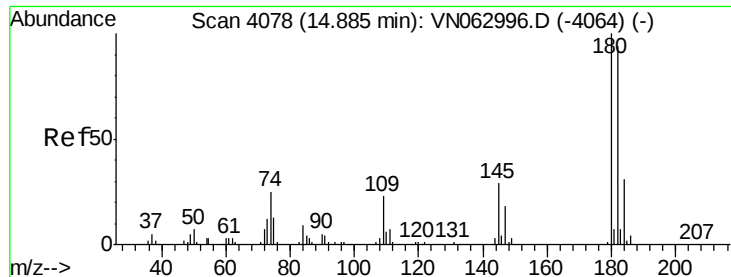
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.5
148	63.7	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.496 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062996.D
 Acq: 18 Aug 2020 19:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.7	42.4	127.1
157	110.4	55.2	165.6

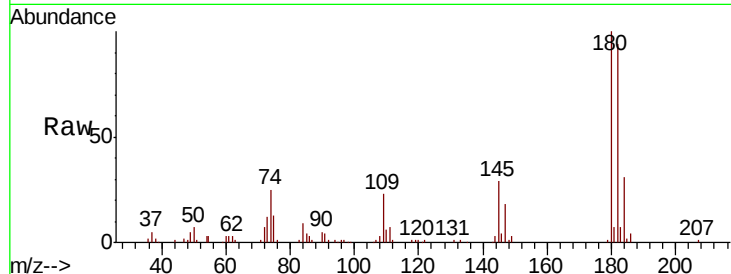




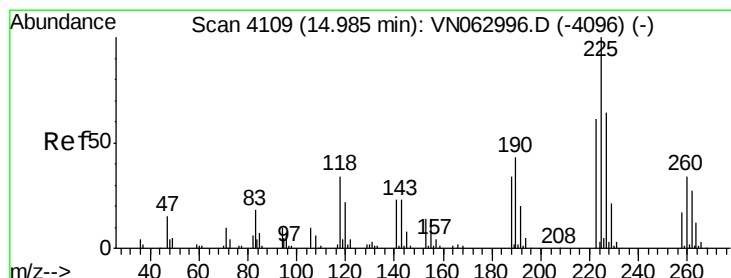
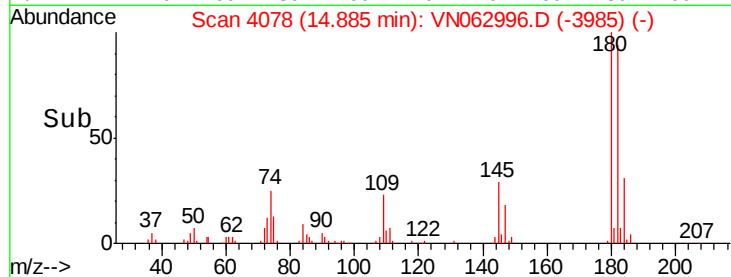
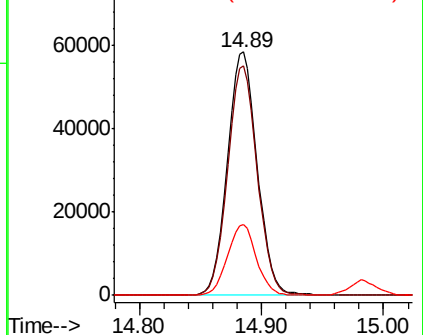
#93
 1,2,4-Trichlorobenzene
 Concen: 57.318 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062996.D
 Acq: 18 Aug 2020 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:180 Resp: 99259
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.0 141.2
 145 28.3 14.1 42.4

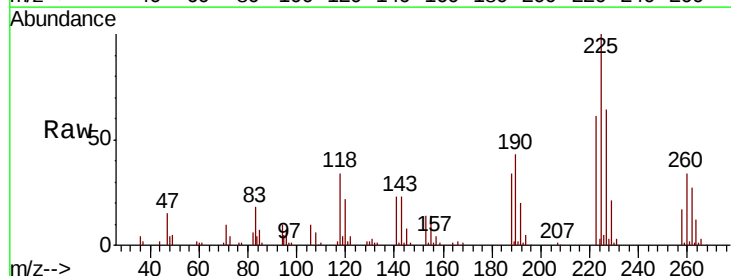


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

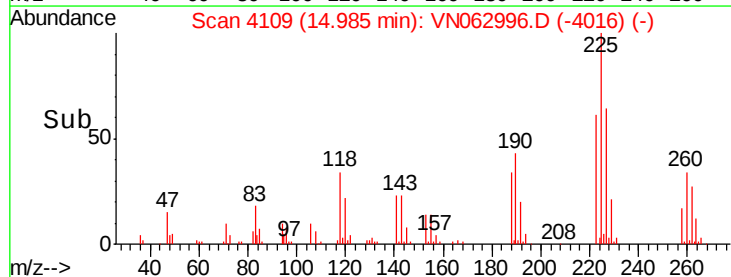
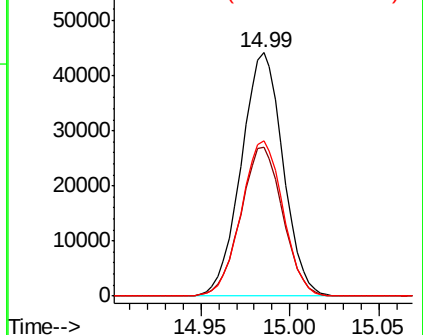


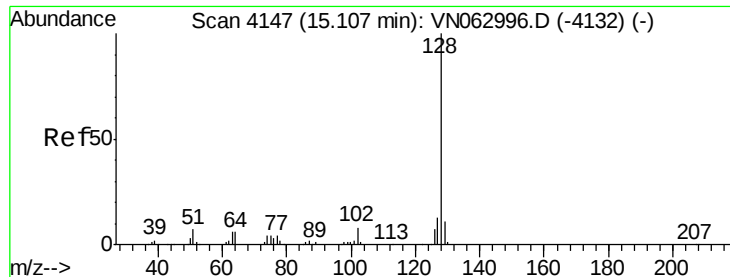
#94
 Hexachlorobutadiene
 Concen: 49.284 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062996.D
 Acq: 18 Aug 2020 19:53

Tgt Ion:225 Resp: 72180
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.9 92.5
 227 63.9 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

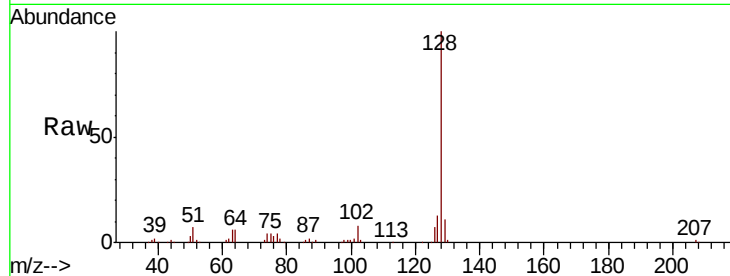




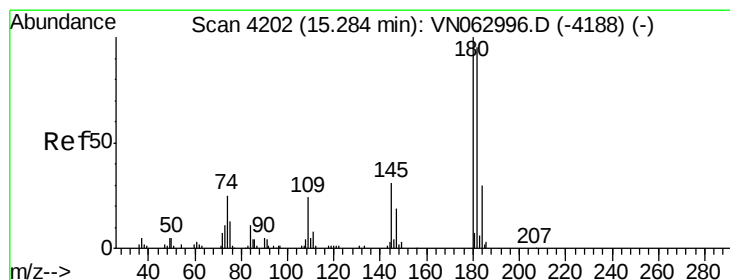
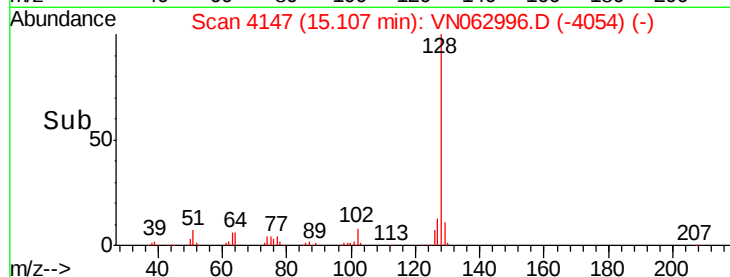
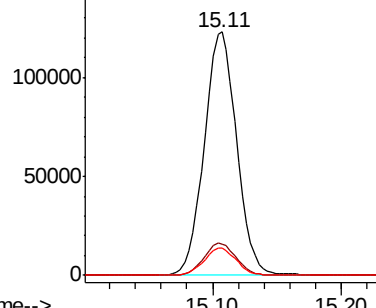
#95
Naphthalene
Concen: 55.557 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 214602
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.1 8.9 13.3

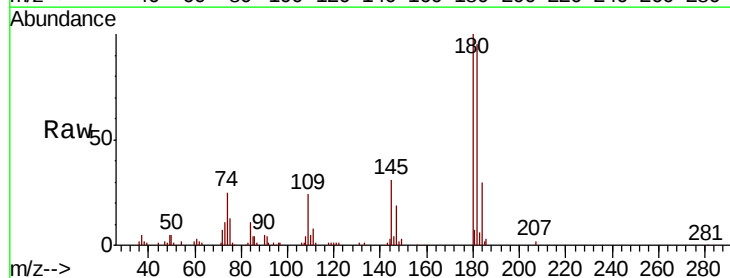


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 56.224 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062996.D
Acq: 18 Aug 2020 19:53

Tgt Ion:180 Resp: 97783
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.9
145 31.1 15.6 46.7



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

