

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111920\
 Data File : VN064773.D
 Acq On : 20 Nov 2020 10:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 20 13:47:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	386649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	659925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	618853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	297289	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	277697	40.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.66%	
35) Dibromofluoromethane	7.55	113	204236	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
50) Toluene-d8	10.06	98	821524	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.37	95	293255	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	204102	42.246	ug/l	97
3) Chloromethane	2.04	50	275696	51.606	ug/l	98
4) Vinyl Chloride	2.17	62	278257	49.918	ug/l	99
5) Bromomethane	2.53	94	168556	41.236	ug/l	95
6) Chloroethane	2.68	64	166784	44.345	ug/l	96
7) Trichlorofluoromethane	2.99	101	365672	36.627	ug/l	100
8) Diethyl Ether	3.37	74	136627	42.413	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	209268	48.503	ug/l	97
10) Methyl Iodide	3.91	142	247787	48.045	ug/l	95
11) Tert butyl alcohol	4.74	59	168514	255.370	ug/l	98
12) 1,1-Dichloroethene	3.69	96	209264	50.341	ug/l	96
13) Acrolein	3.56	56	91609	592.961	ug/l	91
14) Allyl chloride	4.28	41	372261	52.155	ug/l	87
15) Acrylonitrile	4.93	53	551462	284.604	ug/l	97
16) Acetone	3.78	43	471897	286.003	ug/l	93
17) Carbon Disulfide	4.01	76	602807	49.865	ug/l	99
18) Methyl Acetate	4.28	43	259167	51.872	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	710968	51.114	ug/l	97
20) Methylene Chloride	4.50	84	246724	48.985	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	228038	49.164	ug/l	95
22) Diisopropyl ether	5.90	45	812833	53.925	ug/l	95
23) Vinyl Acetate	5.85	43	3243992	266.670	ug/l	99
24) 1,1-Dichloroethane	5.80	63	449002	50.842	ug/l	100
25) 2-Butanone	6.79	43	717864	276.052	ug/l	100
26) 2,2-Dichloropropane	6.78	77	298156	35.529	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	261276	51.093	ug/l	93
28) Bromochloromethane	7.15	49	212090	47.631	ug/l	98
29) Tetrahydrofuran	7.17	42	487053	277.199	ug/l	99
30) Chloroform	7.33	83	454164	47.323	ug/l	97
31) Cyclohexane	7.61	56	359186	48.845	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	391989	44.687	ug/l	97
36) 1,1-Dichloropropene	7.75	75	331802	48.871	ug/l	99
37) Ethyl Acetate	6.88	43	317596	55.866	ug/l	99
38) Carbon Tetrachloride	7.73	117	338839	46.960	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	307362	51.093	ug/l	98
40) Benzene	8.00	78	992015	52.440	ug/l	98
41) Methacrylonitrile	7.13	41	145327	55.773	ug/l	96
42) 1,2-Dichloroethane	8.09	62	359496	44.168	ug/l	95
43) Isopropyl Acetate	8.13	43	528873	47.996	ug/l	97
44) Trichloroethene	8.80	130	268891	49.529	ug/l	95
45) 1,2-Dichloropropane	9.08	63	268630	53.273	ug/l	96
46) Dibromomethane	9.17	93	171681	48.031	ug/l	94
47) Bromodichloromethane	9.37	83	358166	47.665	ug/l	99
48) Methyl methacrylate	9.17	41	264276	50.830	ug/l	91
49) 1,4-Dioxane	9.17	88	73721	1136.504	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1577455	237.464	ug/l	96
52) Toluene	10.13	92	604400	51.875	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	375775	46.727	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	393999	47.580	ug/l #	88
55) 1,1,2-Trichloroethane	10.53	97	236652	50.641	ug/l	97
56) Ethyl methacrylate	10.40	69	357058	46.732	ug/l #	90
57) 1,3-Dichloropropane	10.68	76	414670	51.226	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	993619	237.592	ug/l	100
59) 2-Hexanone	10.72	43	1154015	236.632	ug/l	96
60) Dibromochloromethane	10.87	129	266693	49.396	ug/l	99
61) 1,2-Dibromoethane	10.98	107	247271	49.609	ug/l	99
64) Tetrachloroethene	10.60	164	276075	50.321	ug/l	98
65) Chlorobenzene	11.41	112	651055	49.457	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	243790	49.563	ug/l	98
67) Ethyl Benzene	11.48	91	1161010	50.021	ug/l	99
68) m/p-Xylenes	11.59	106	861209	91.725	ug/l	96
69) o-Xylene	11.92	106	406295	50.175	ug/l	97
70) Styrene	11.94	104	717038	45.636	ug/l	97
71) Bromoform	12.10	173	170150	44.769	ug/l #	100
73) Isopropylbenzene	12.22	105	1053168	49.896	ug/l	99
74) N-amyl acetate	12.04	43	470269	47.707	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	290493	49.225	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	438462	68.450	ug/l #	100
77) Bromobenzene	12.50	156	263607	49.516	ug/l	95
78) n-propylbenzene	12.56	91	1223125	49.758	ug/l	99
79) 2-Chlorotoluene	12.65	91	752021	47.800	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	893094	50.935	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.27	75	108259	43.751	ug/l #	84
82) 4-Chlorotoluene	12.75	91	799581	47.663	ug/l	100
83) tert-Butylbenzene	12.97	119	708129	52.205	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	905726	50.613	ug/l	99
85) sec-Butylbenzene	13.14	105	933505	51.632	ug/l	99
86) p-Isopropyltoluene	13.26	119	845911	50.873	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	470346	48.490	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	469789	47.176	ug/l	97
89) n-Butylbenzene	13.59	91	739586	47.645	ug/l	99
90) Hexachloroethane	13.85	117	144374	52.522	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	456500	48.152	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	68338	44.129	ug/l	88

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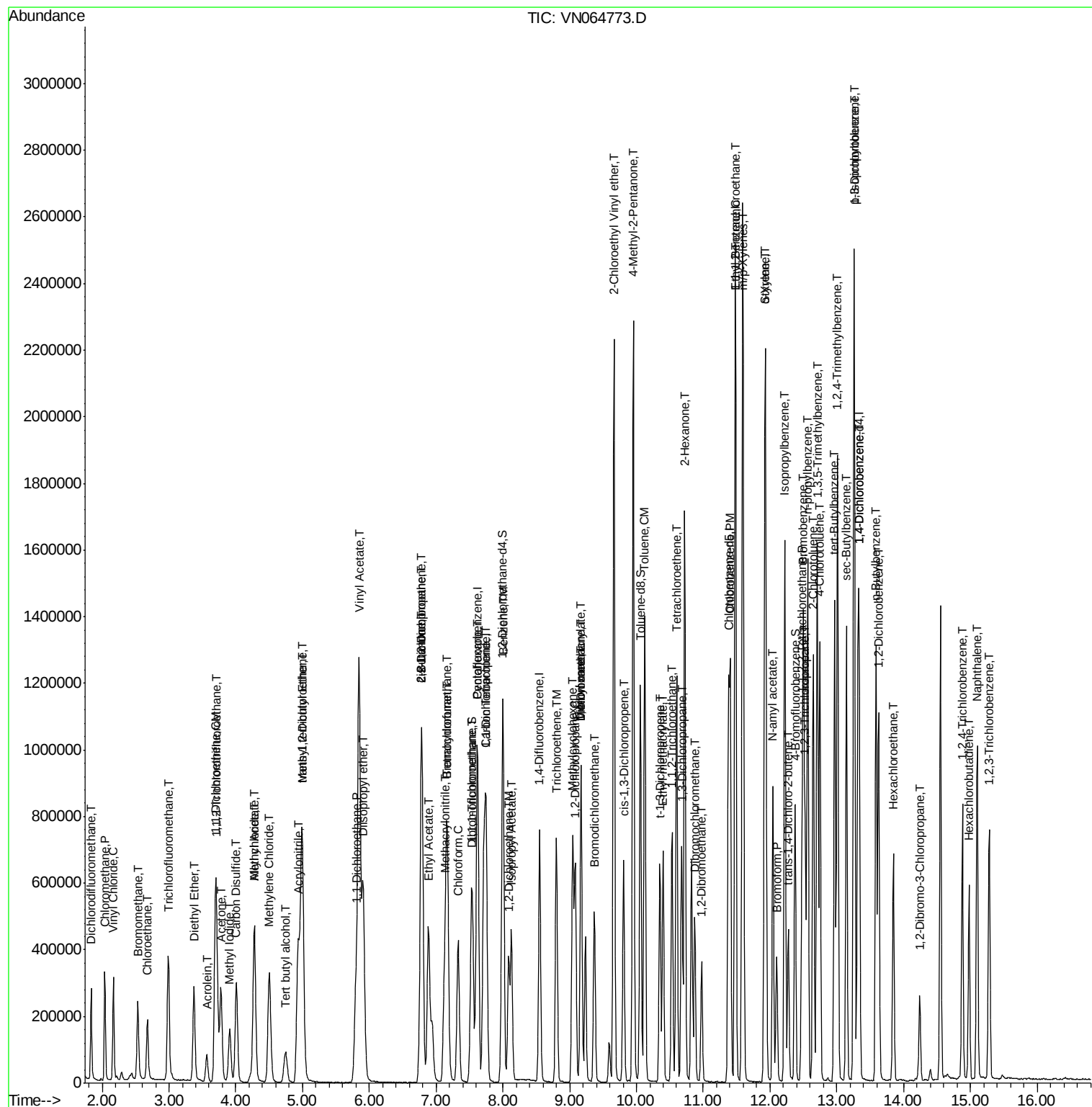
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	243957	47.365	ug/l	97
94) Hexachlorobutadiene	14.98	225	102210	48.357	ug/l	99
95) Naphthalene	15.10	128	836144	50.041	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	241114	48.766	ug/l	99

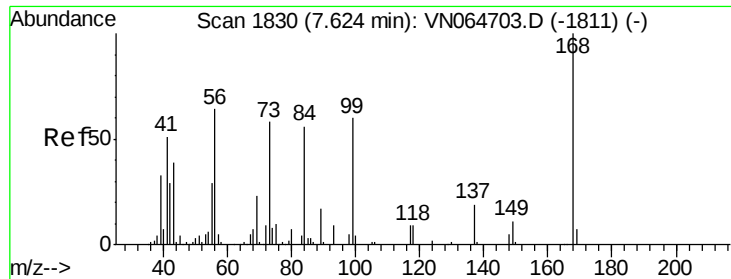
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN111920\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

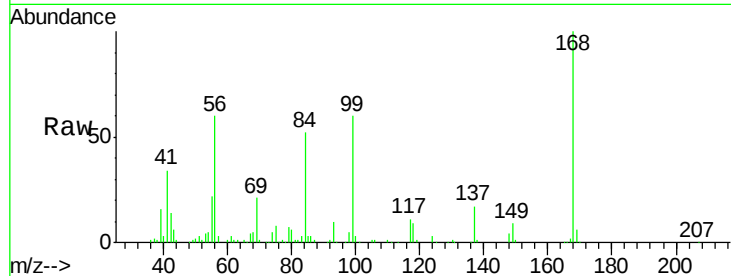
VSTDCCC050EC

Tgt Ion:168 Resp: 386649

Ion Ratio Lower Upper

168 100

99 59.3 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

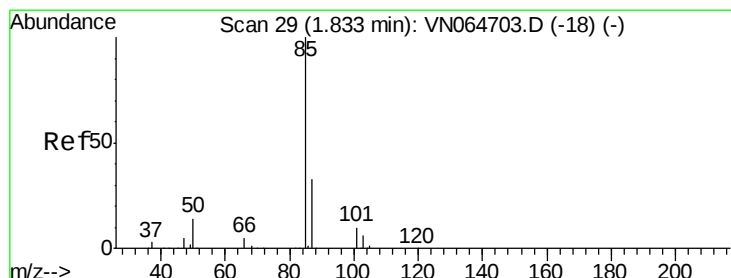
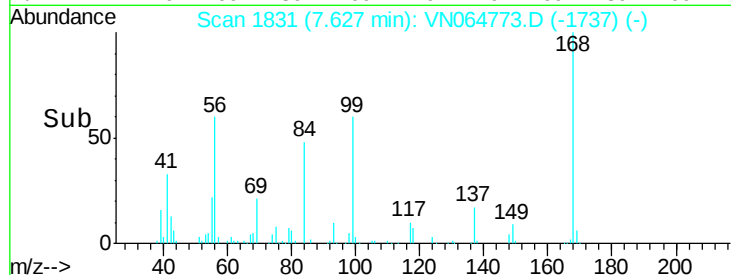
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.246 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064773.D

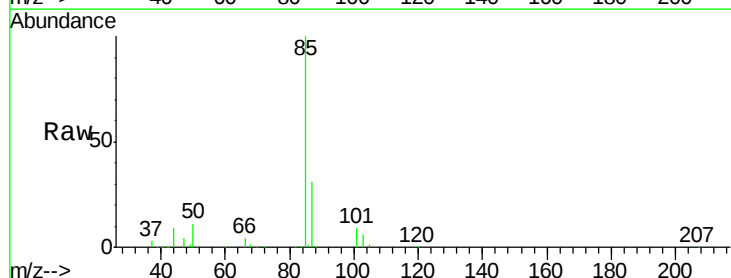
Acq: 20 Nov 2020 10:19

Tgt Ion: 85 Resp: 204102

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

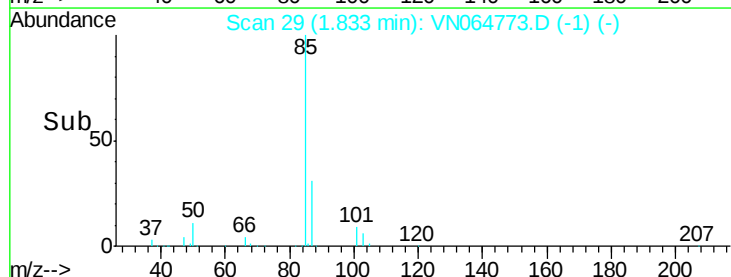
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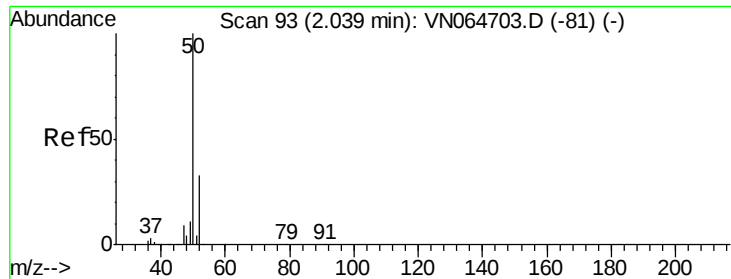
100000

50000

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Time-->





#3

Chloromethane

Concen: 51.606 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

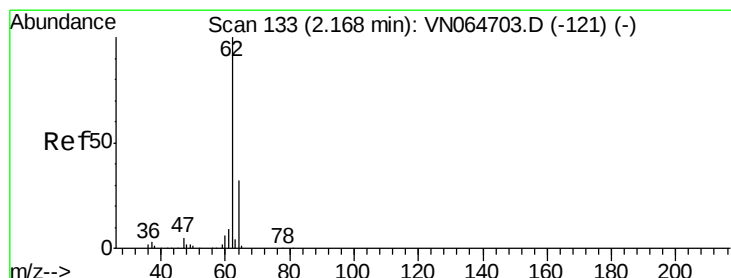
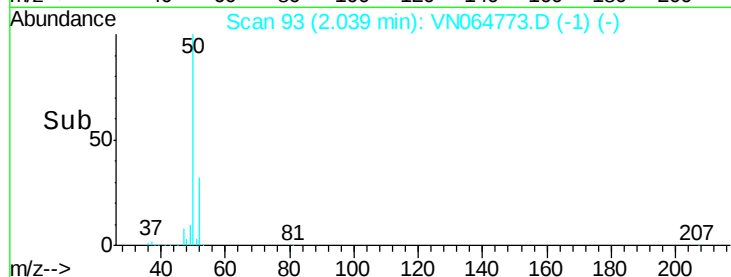
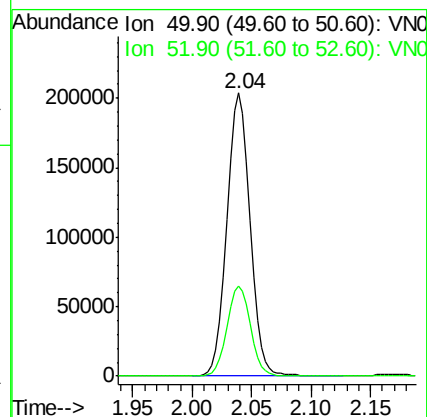
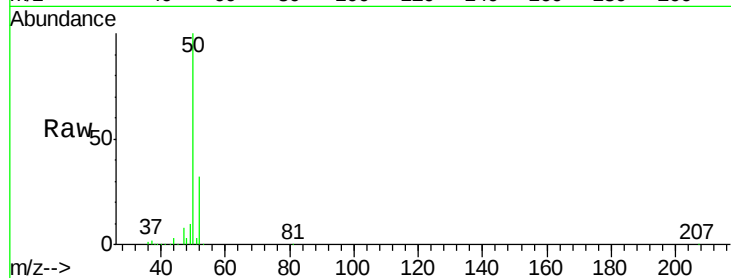
VSTDCCC050EC

Tgt Ion: 50 Resp: 275696

Ion Ratio Lower Upper

50 100

52 32.0 26.4 39.6



#4

Vinyl Chloride

Concen: 49.918 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064773.D

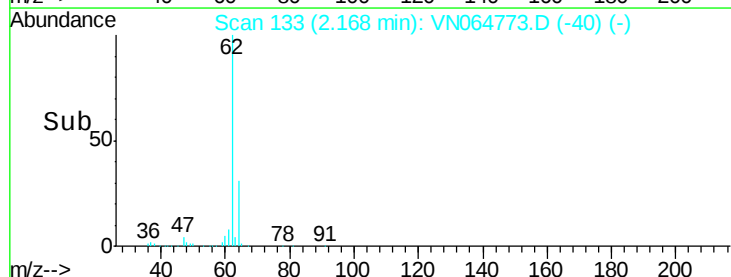
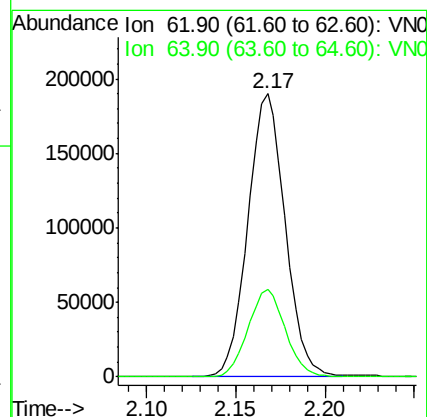
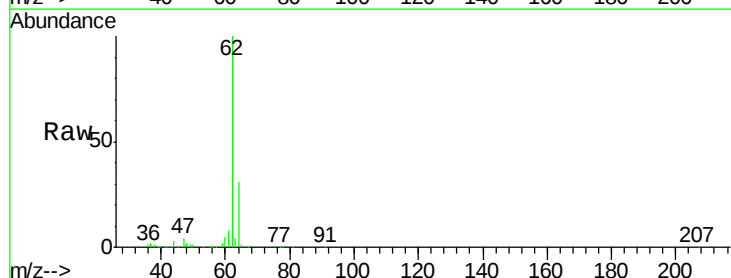
Acq: 20 Nov 2020 10:19

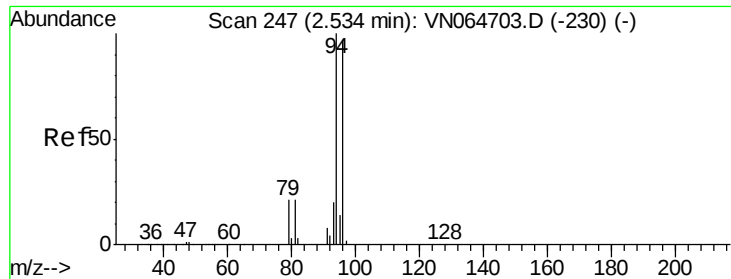
Tgt Ion: 62 Resp: 278257

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 41.236 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

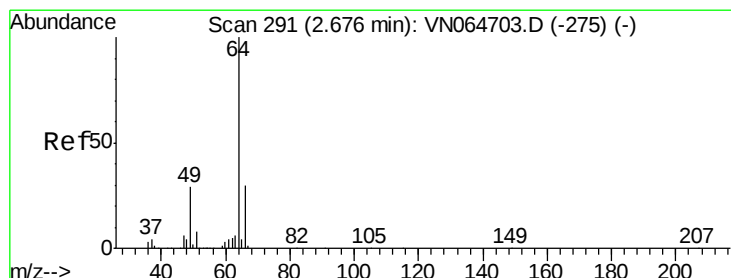
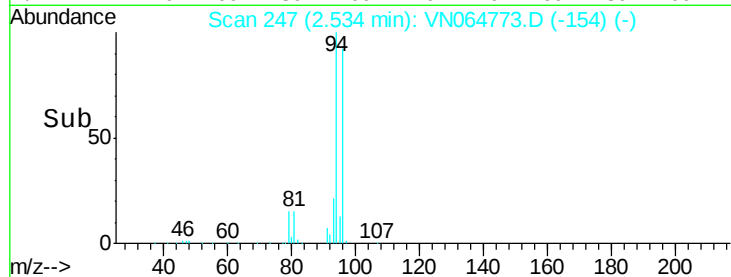
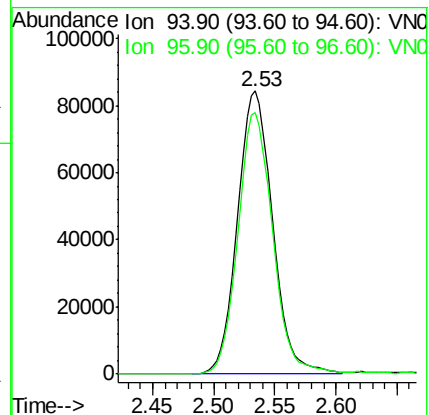
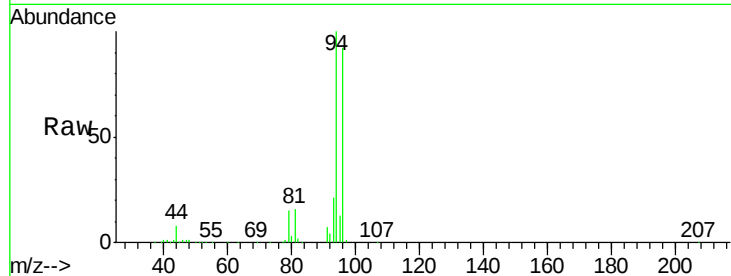
VSTDCCC050EC

Tgt Ion: 94 Resp: 168556

Ion Ratio Lower Upper

94 100

96 92.0 77.8 116.8



#6

Chloroethane

Concen: 44.345 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN064773.D

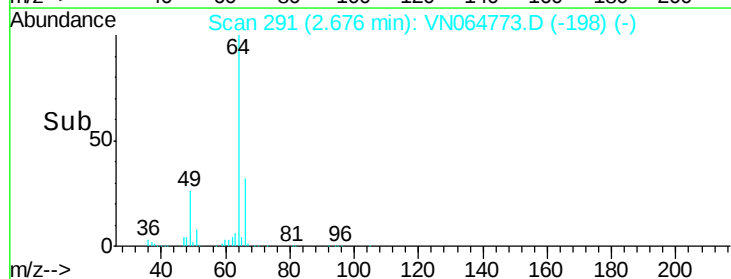
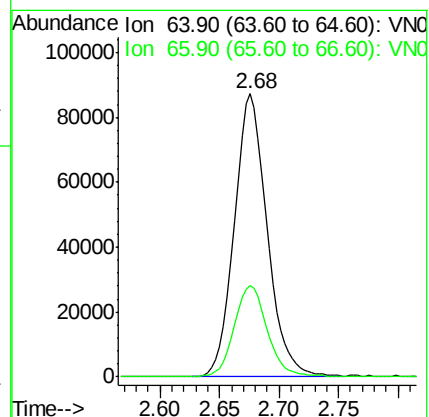
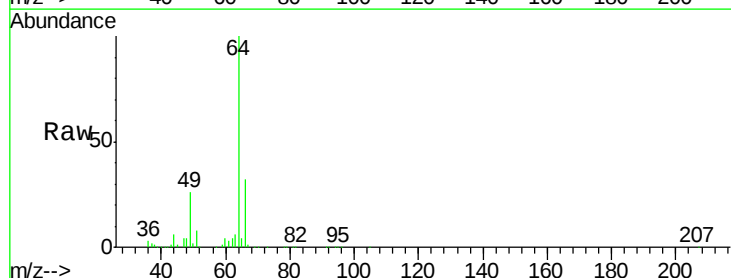
Acq: 20 Nov 2020 10:19

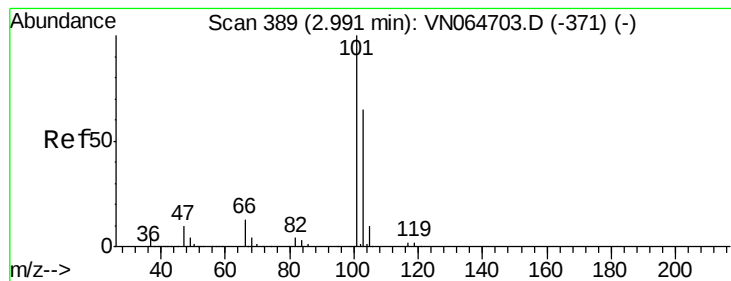
Tgt Ion: 64 Resp: 166784

Ion Ratio Lower Upper

64 100

66 32.2 24.2 36.2



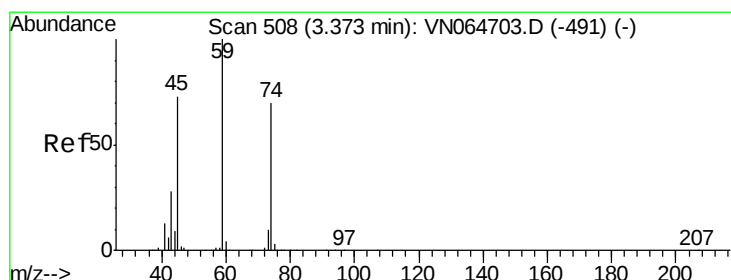
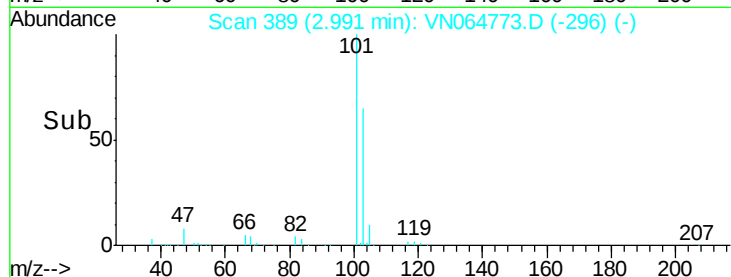
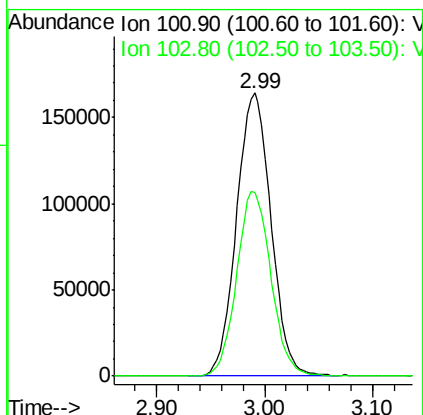
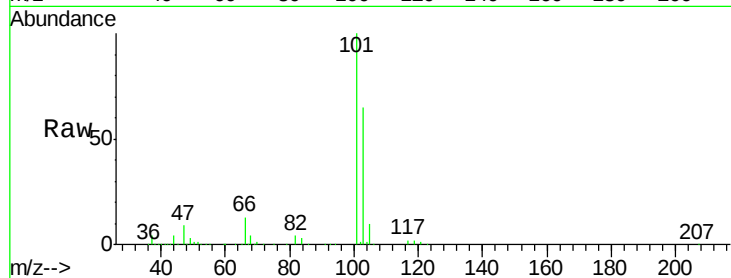


#7

Trichlorofluoromethane
 Concen: 36.627 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN064773.D
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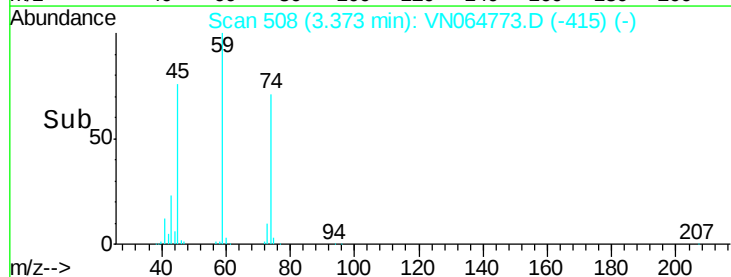
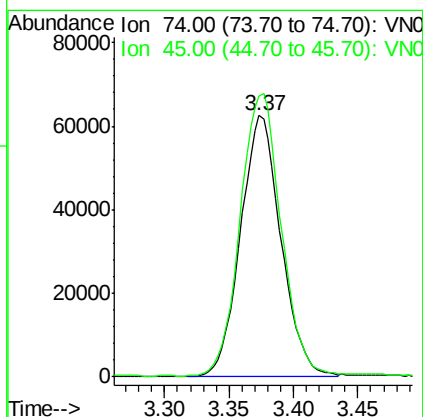
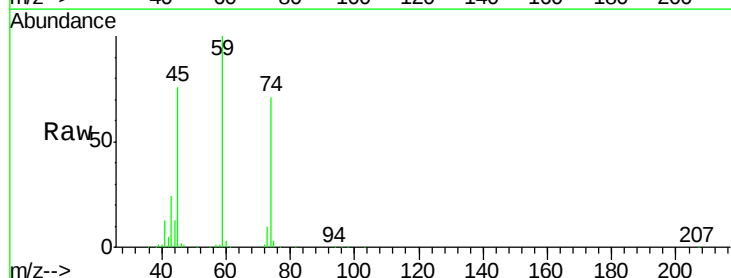
Tgt Ion:101 Resp: 365672
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.8 77.6

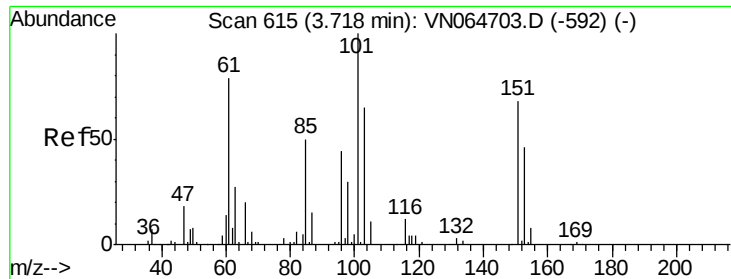


#8

Diethyl Ether
 Concen: 42.413 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion: 74 Resp: 136627
 Ion Ratio Lower Upper
 74 100
 45 109.4 52.8 158.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.503 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

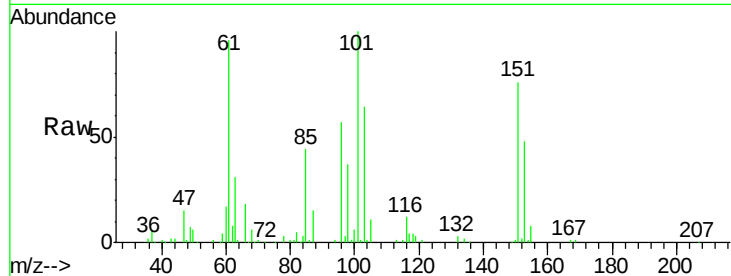
Tgt Ion:101 Resp: 209268

Ion Ratio Lower Upper

101 100

85 43.8 39.0 58.4

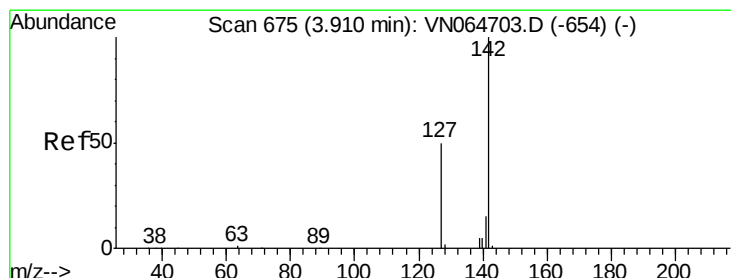
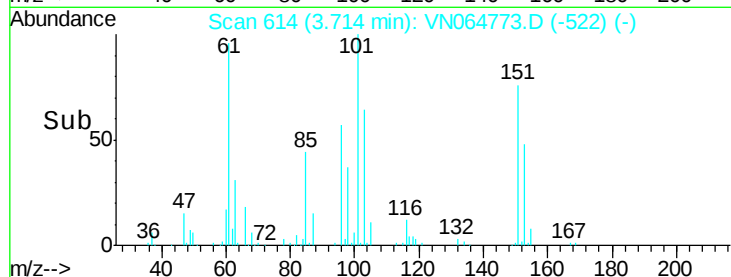
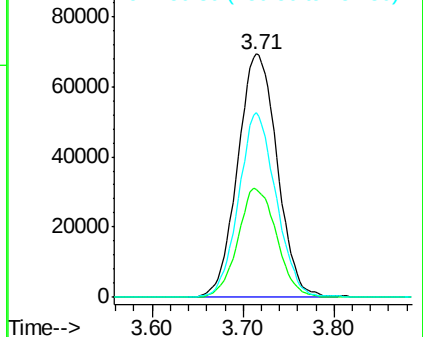
151 72.0 57.2 85.8



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: 48.045 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

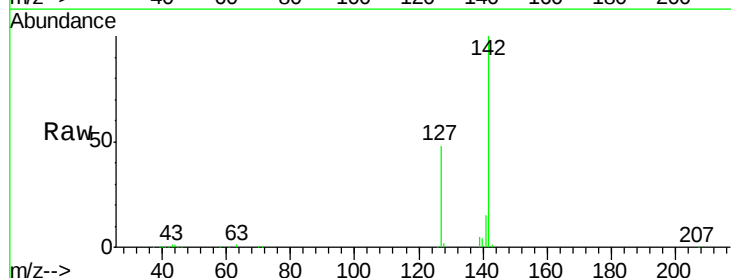
Tgt Ion:142 Resp: 247787

Ion Ratio Lower Upper

142 100

127 48.3 42.0 63.0

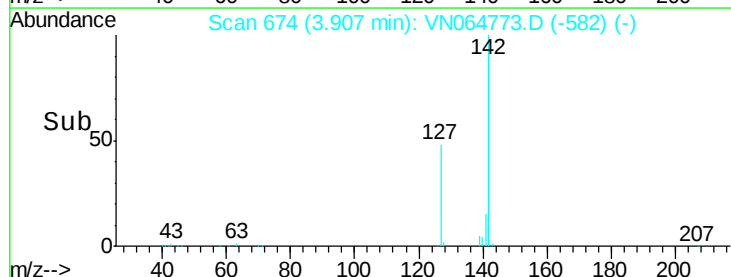
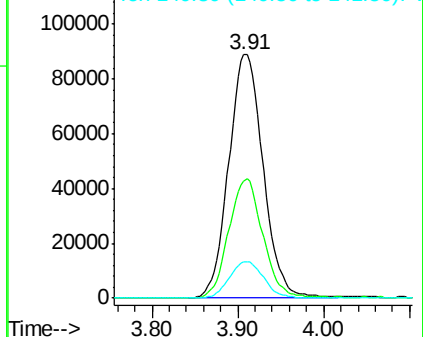
141 14.7 12.1 18.1

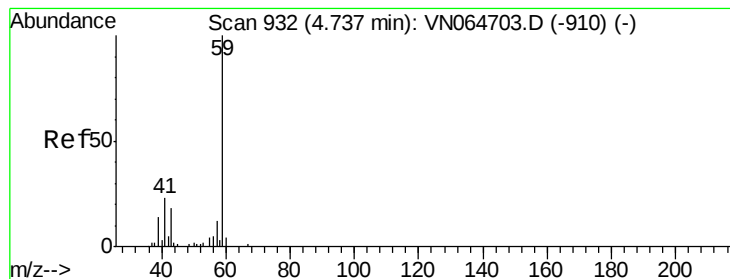


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



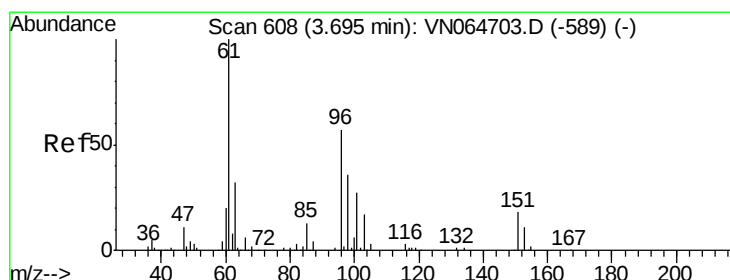
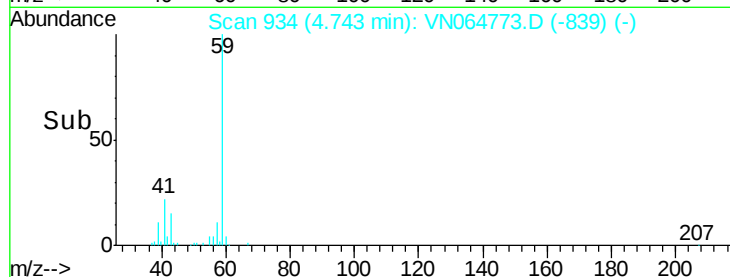
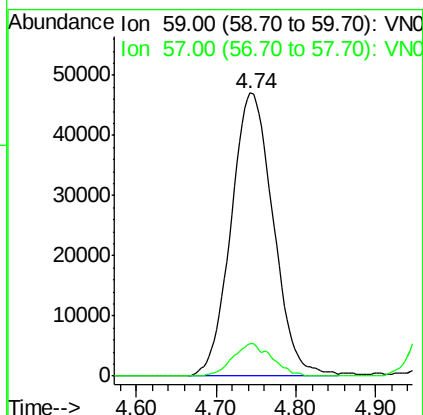
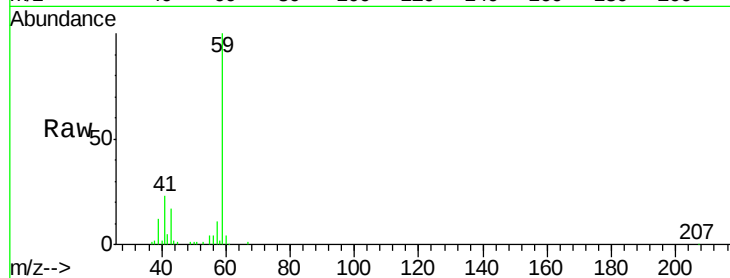


#11

Tert butyl alcohol
 Concen: 255.370 ug/l
 RT: 4.74 min Scan# 934
 Delta R.T. 0.01 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

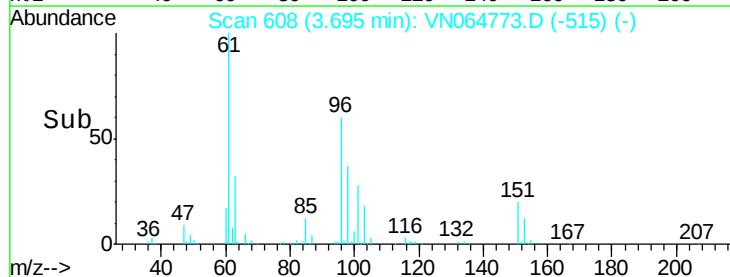
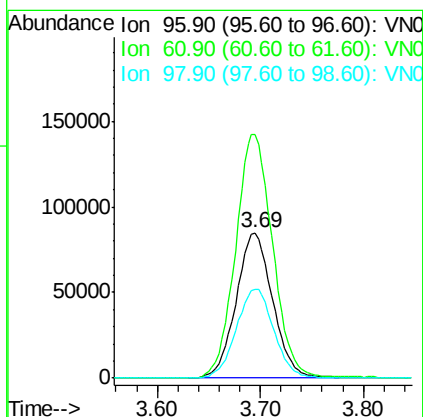
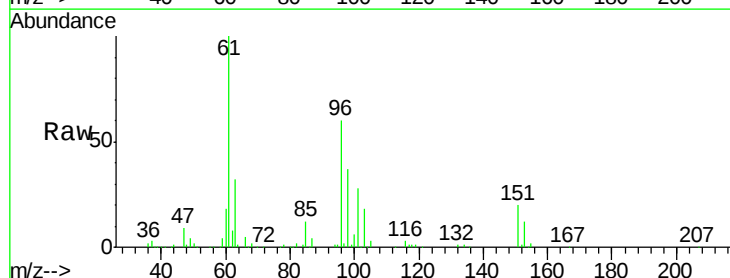
Tgt Ion: 59 Resp: 168514
 Ion Ratio Lower Upper
 59 100
 57 10.7 9.1 13.7

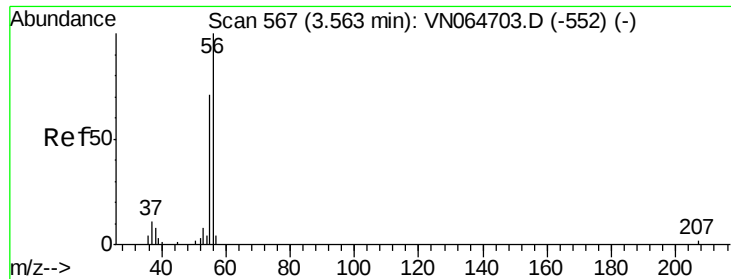


#12

1,1-Dichloroethene
 Concen: 50.341 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion: 96 Resp: 209264
 Ion Ratio Lower Upper
 96 100
 61 166.9 139.1 208.7
 98 61.1 50.2 75.2





#13

Acrolein

Concen: 592.961 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

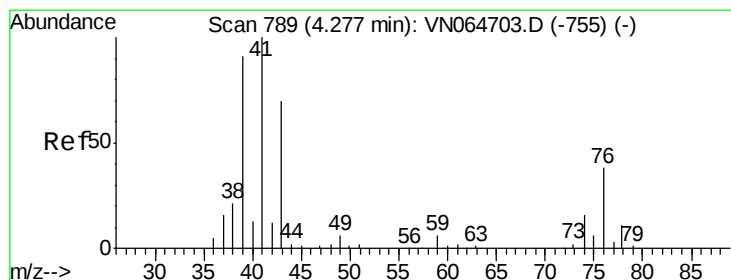
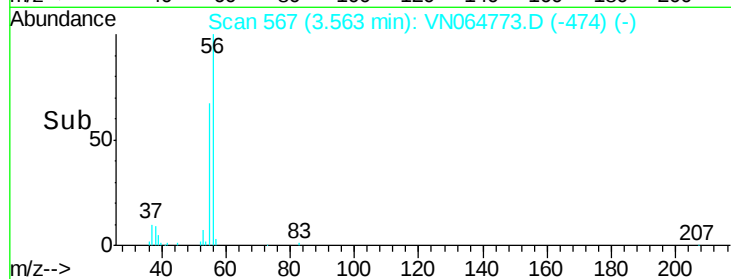
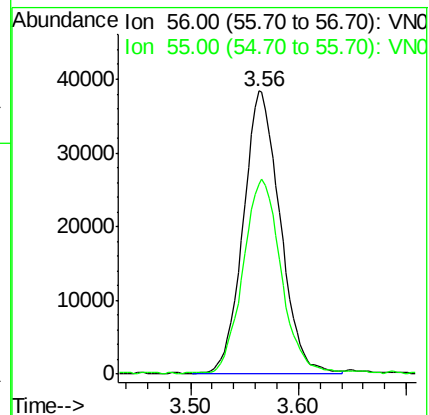
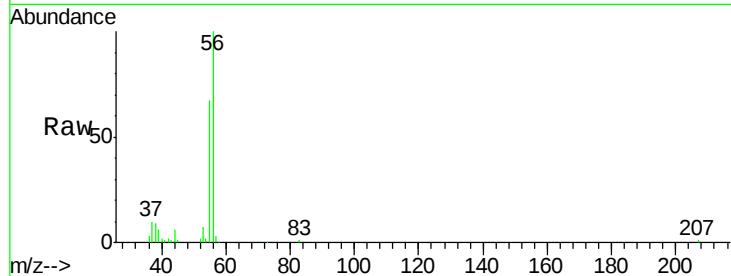
VSTDCCC050EC

Tgt Ion: 56 Resp: 91609

Ion Ratio Lower Upper

56 100

55 69.4 61.8 92.6



#14

Allyl chloride

Concen: 52.155 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

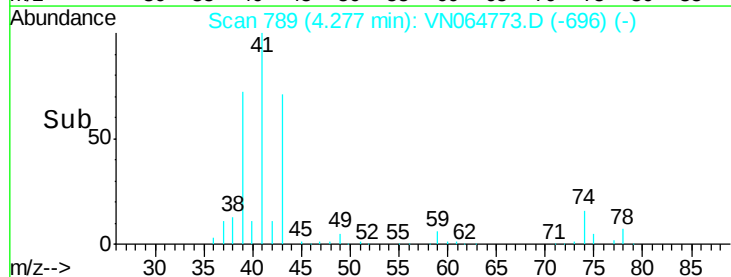
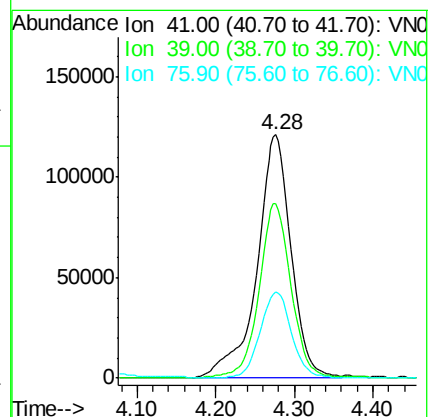
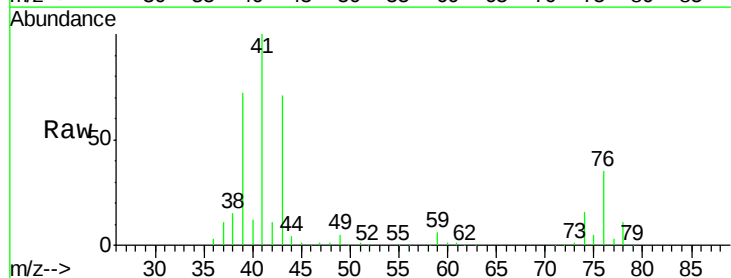
Tgt Ion: 41 Resp: 372261

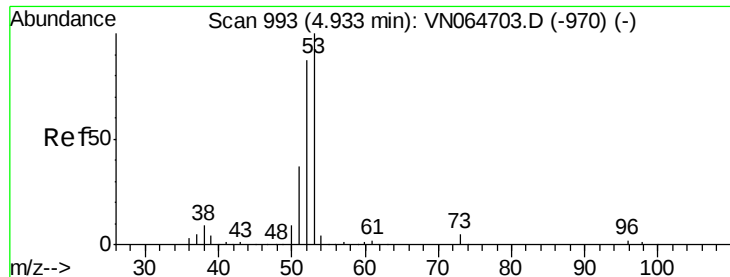
Ion Ratio Lower Upper

41 100

39 67.2 66.1 99.1

76 31.8 26.6 40.0





#15

Acrylonitrile

Concen: 284.604 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

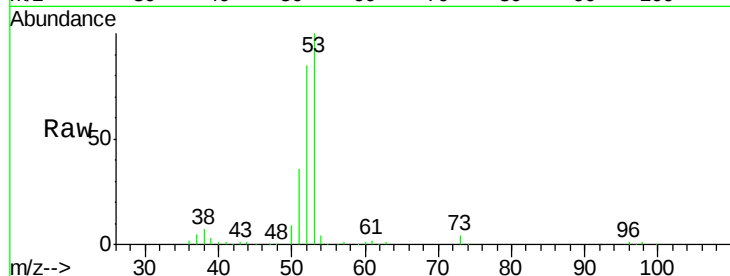
Tgt Ion: 53 Resp: 551462

Ion Ratio Lower Upper

53 100

52 81.5 67.2 100.8

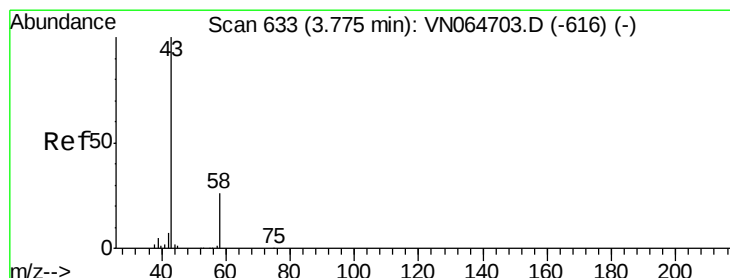
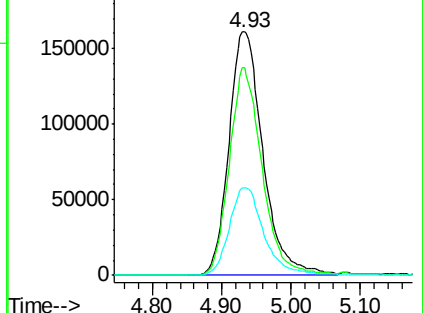
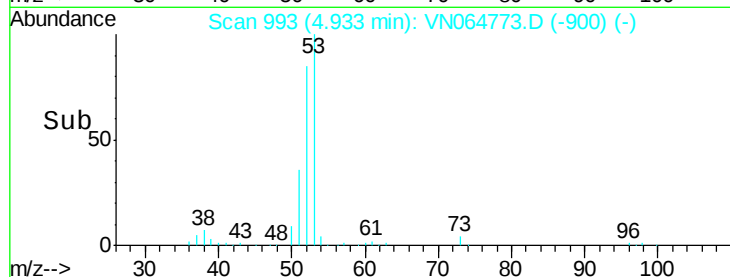
51 36.6 31.0 46.6



Abundance Ion 53.00 (52.70 to 53.70): VN064773.D (-900) (-)

Ion 52.00 (51.70 to 52.70): VN064773.D (-900) (-)

Ion 51.00 (50.70 to 51.70): VN064773.D (-900) (-)



#16

Acetone

Concen: 286.003 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064773.D

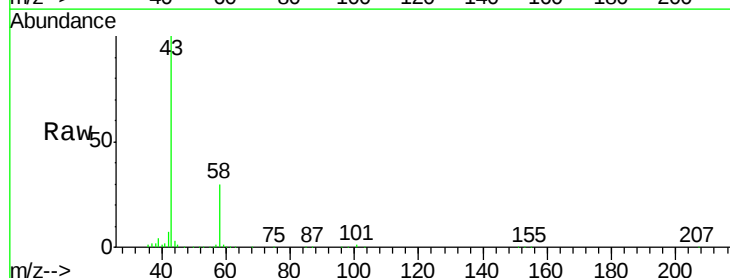
Acq: 20 Nov 2020 10:19

Tgt Ion: 43 Resp: 471897

Ion Ratio Lower Upper

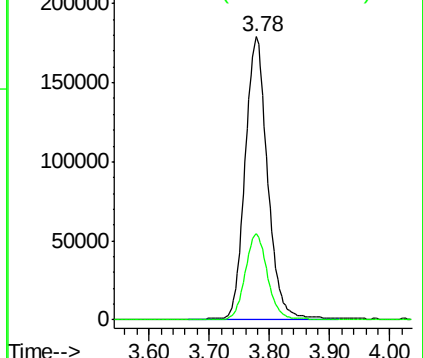
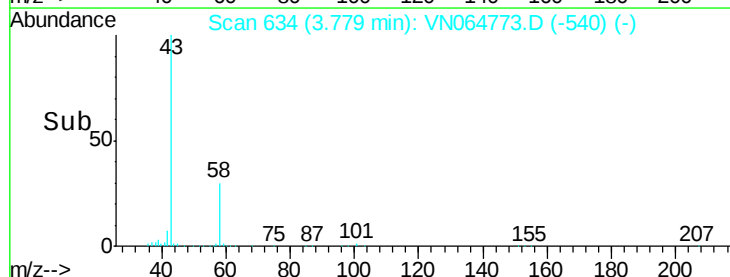
43 100

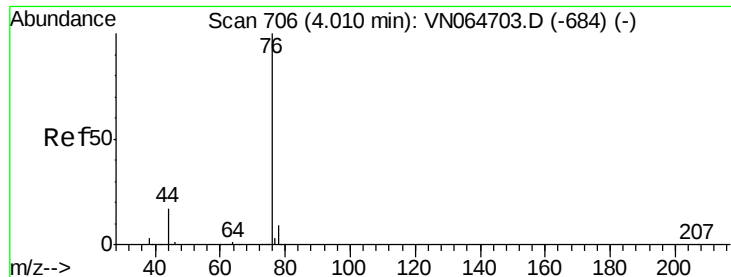
58 30.2 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN064773.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064773.D (-540) (-)

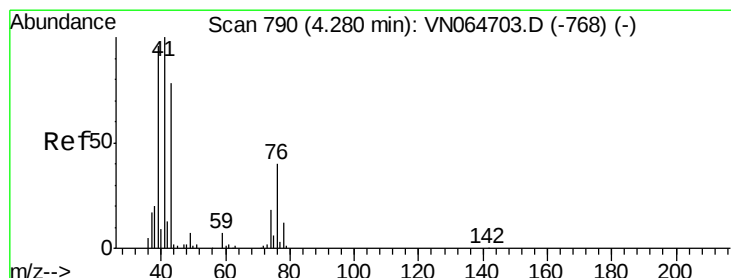
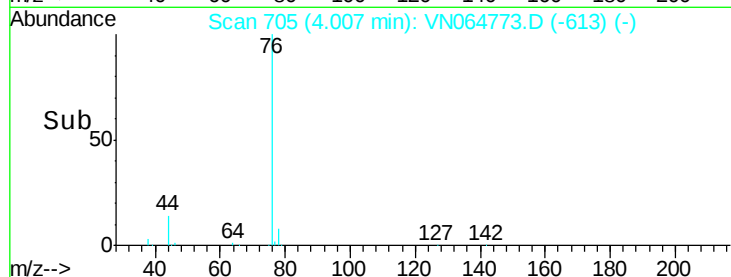
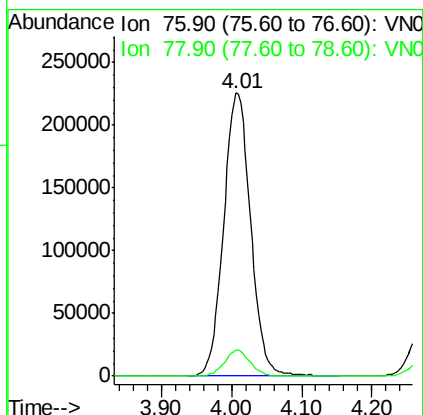
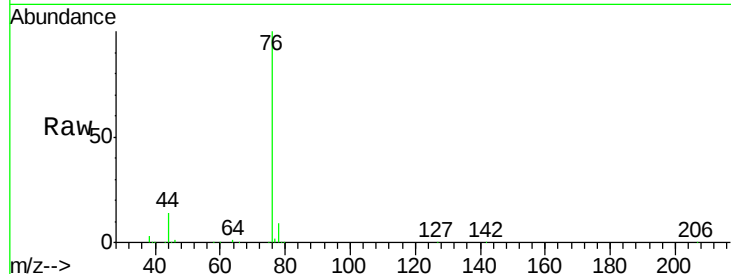




#17
Carbon Disulfide
Concen: 49.865 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

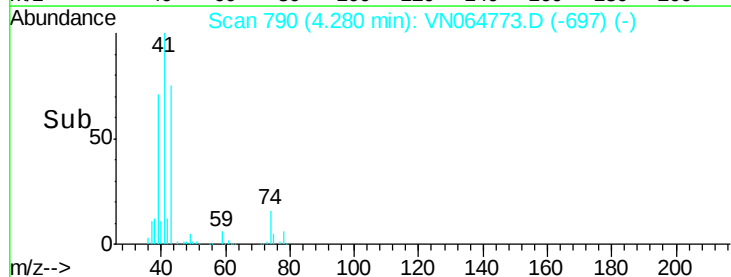
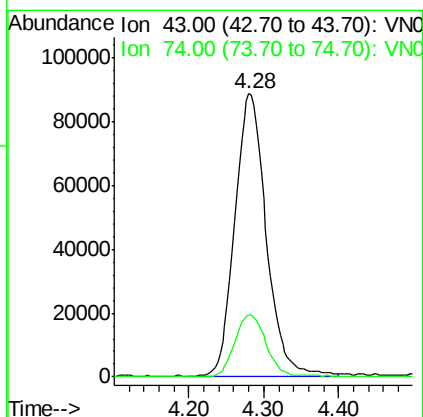
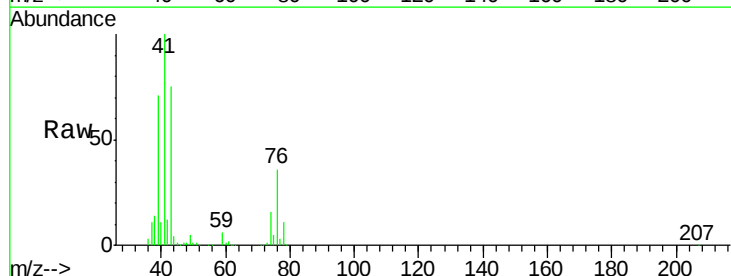
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

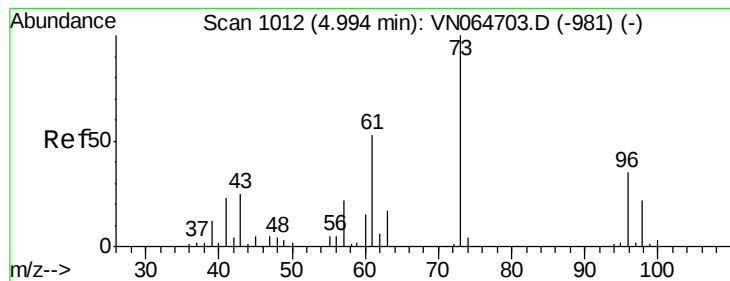
Tgt Ion: 76 Resp: 602807
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 51.872 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion: 43 Resp: 259167
Ion Ratio Lower Upper
43 100
74 21.8 17.6 26.4





#19

Methyl tert-butyl Ether

Concen: 51.114 ug/l

RT: 5.00 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

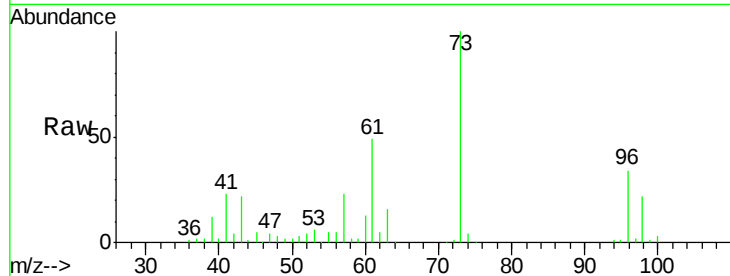
VSTDCCC050EC

Tgt Ion: 73 Resp: 710968

Ion Ratio Lower Upper

73 100

57 22.9 17.3 25.9



Abundance Ion 73.00 (72.70 to 73.70): VN064773.D (-981) (-)

Ion 57.00 (56.70 to 57.70): VN064773.D (-981) (-)

5.00

200000

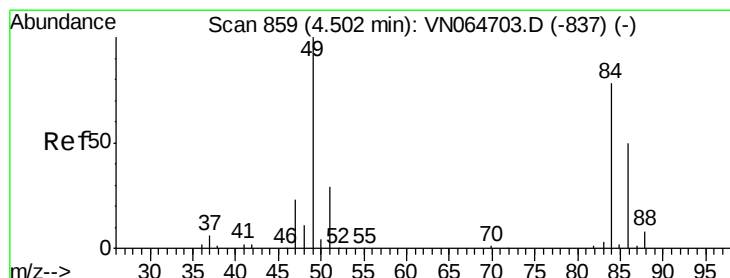
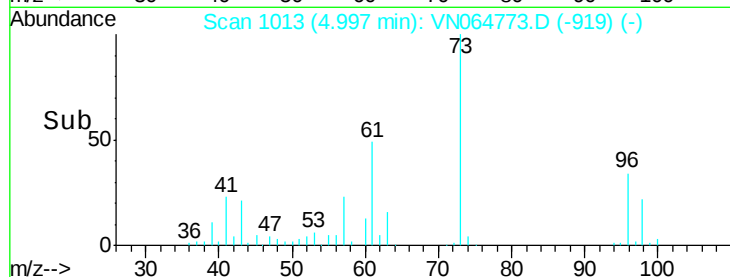
150000

100000

50000

0

Time--> 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 48.985 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Tgt Ion: 84 Resp: 246724

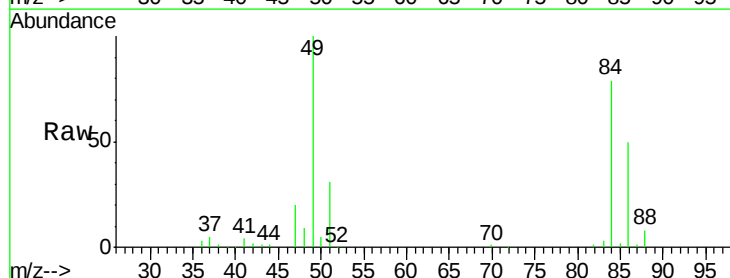
Ion Ratio Lower Upper

84 100

49 127.1 102.4 153.6

51 39.4 29.4 44.2

86 63.3 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VN064773.D (-766) (-)

Ion 48.90 (48.60 to 49.60): VN064773.D (-766) (-)

Ion 50.90 (50.60 to 51.60): VN064773.D (-766) (-)

Ion 85.90 (85.60 to 86.60): VN064773.D (-766) (-)

4.50

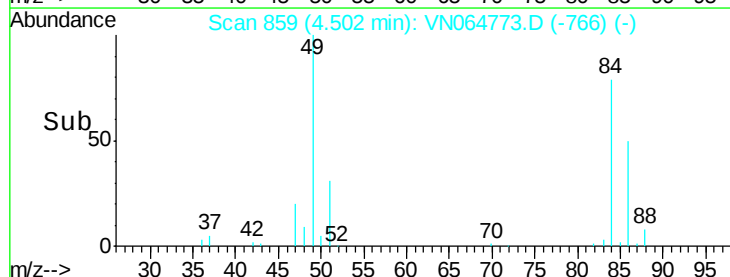
150000

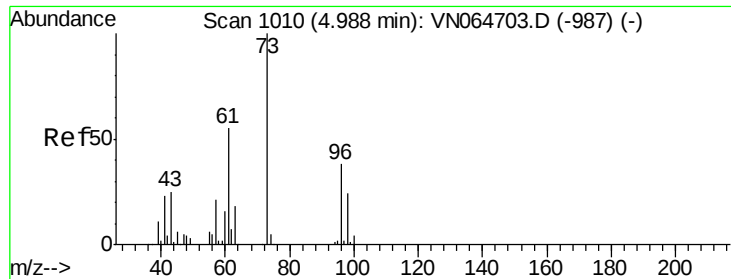
100000

50000

0

Time--> 4.40 4.50 4.60





#21

trans-1,2-Dichloroethene

Concen: 49.164 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

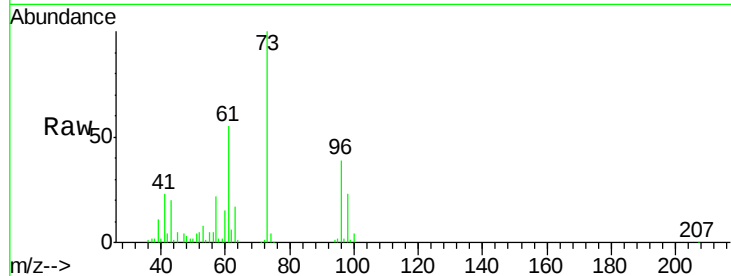
Tgt Ion: 96 Resp: 228038

Ion Ratio Lower Upper

96 100

61 141.5 117.9 176.9

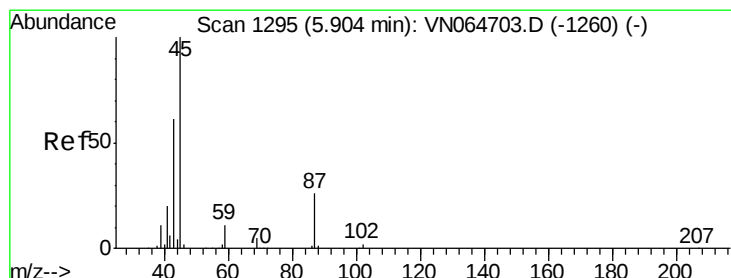
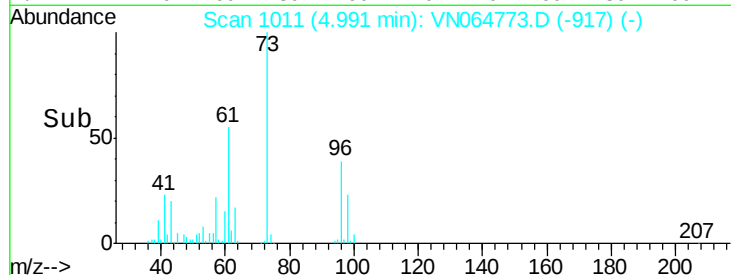
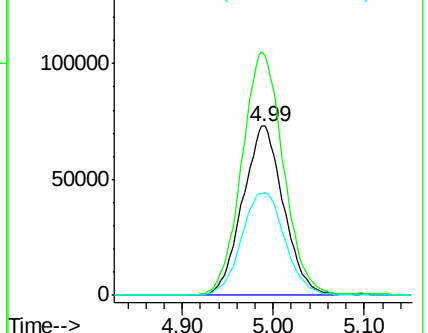
98 60.3 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN064773.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN064773.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN064773.D (-917) (-)



#22

Diisopropyl ether

Concen: 53.925 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Tgt Ion: 45 Resp: 812833

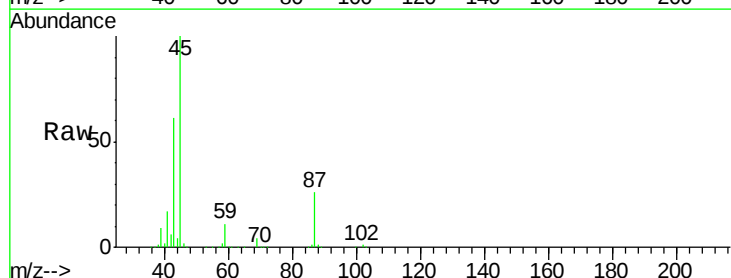
Ion Ratio Lower Upper

45 100

43 60.1 52.3 78.5

87 25.9 21.6 32.4

59 10.6 8.7 13.1

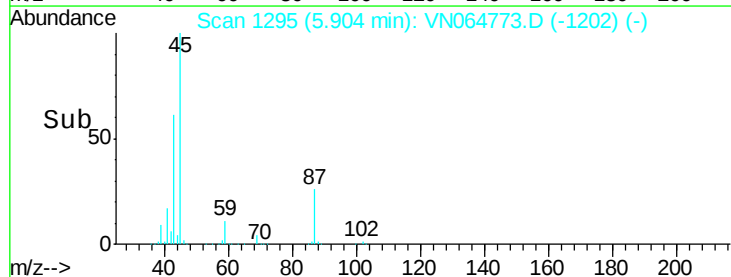
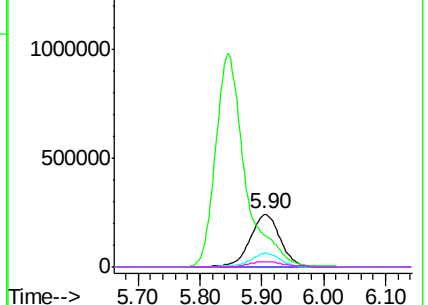


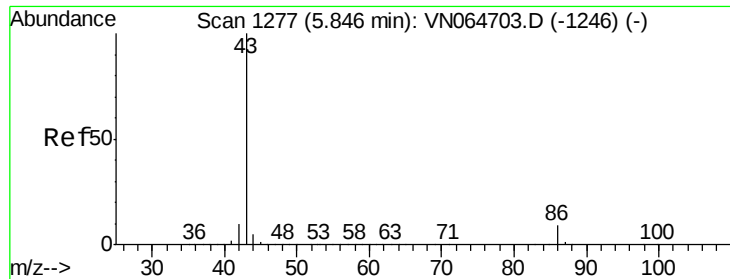
Abundance Ion 45.00 (44.70 to 45.70): VN064773.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064773.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064773.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064773.D (-1202) (-)





#23

Vinyl Acetate

Concen: 266.670 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

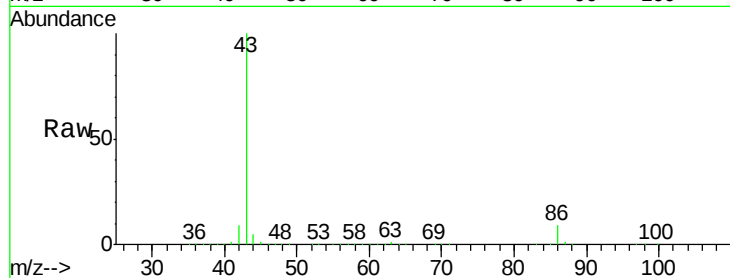
VSTDCCC050EC

Tgt Ion: 43 Resp: 3243992

Ion Ratio Lower Upper

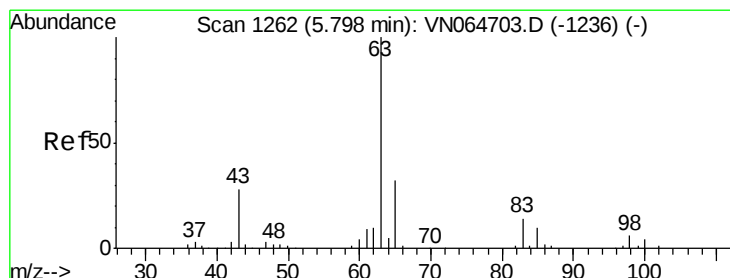
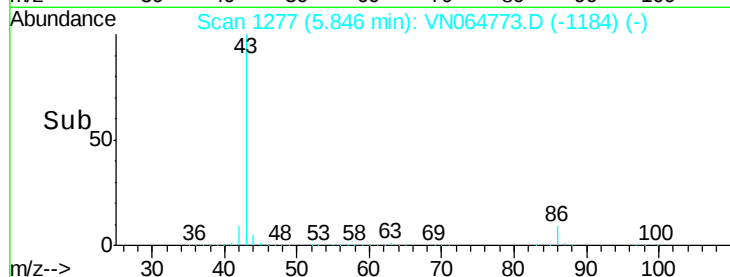
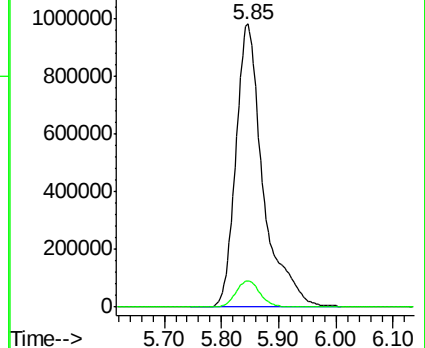
43 100

86 9.4 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 50.842 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

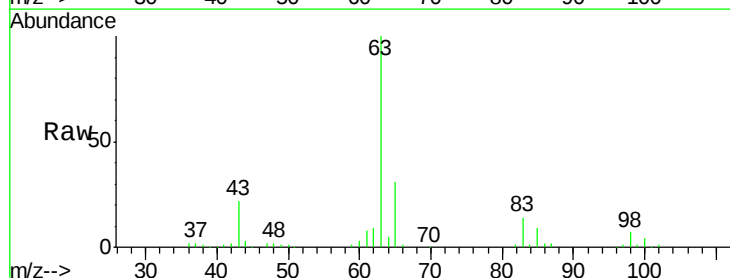
Tgt Ion: 63 Resp: 449002

Ion Ratio Lower Upper

63 100

98 6.6 3.2 9.6

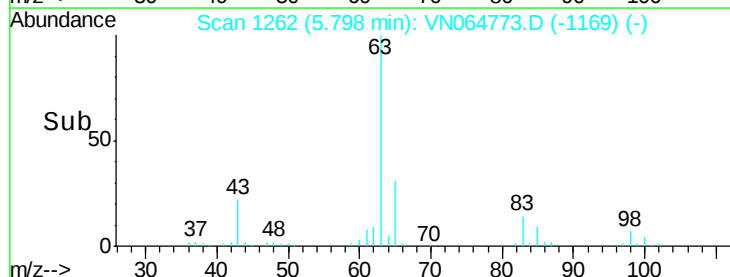
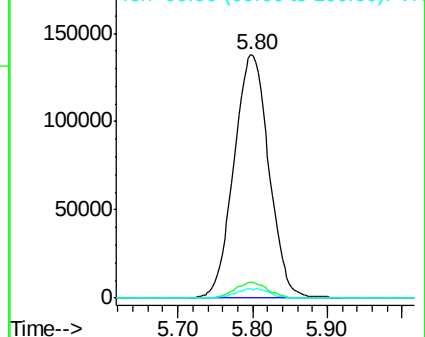
100 3.7 1.9 5.7

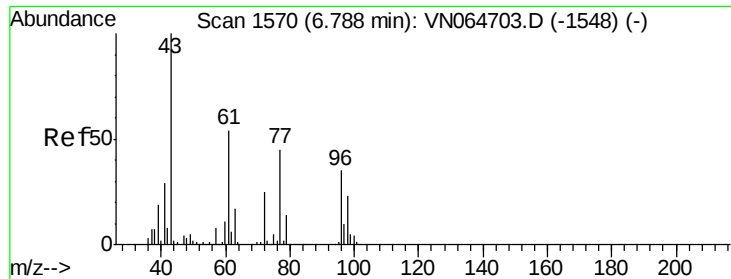


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 276.052 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

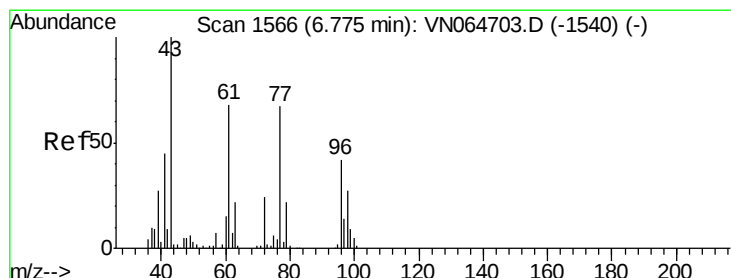
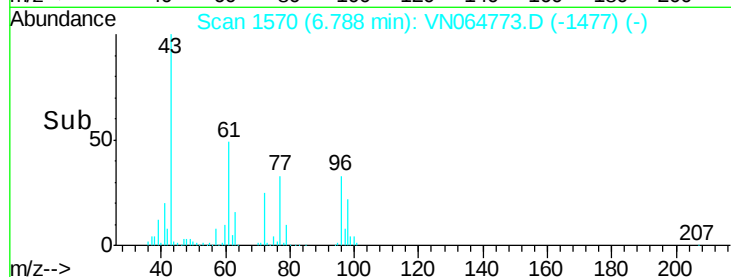
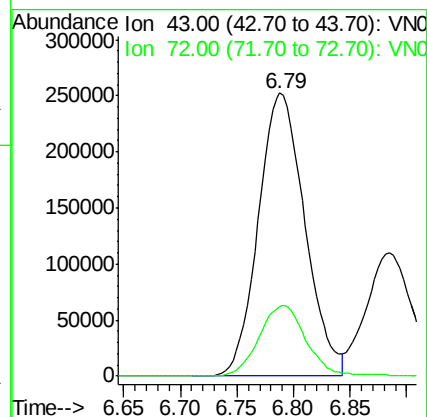
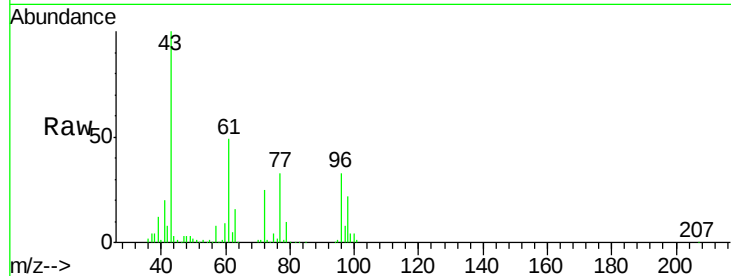
VSTDCCC050EC

Tgt Ion: 43 Resp: 717864

Ion Ratio Lower Upper

43 100

72 24.7 19.7 29.5



#26

2,2-Dichloropropane

Concen: 35.529 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064773.D

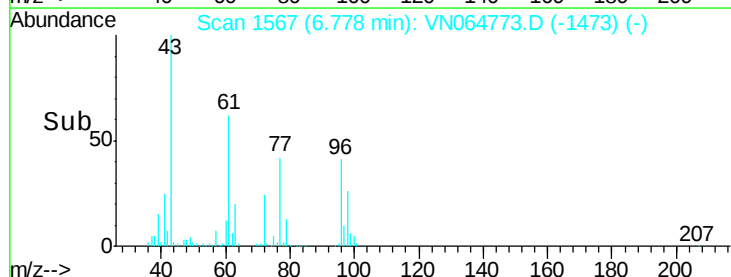
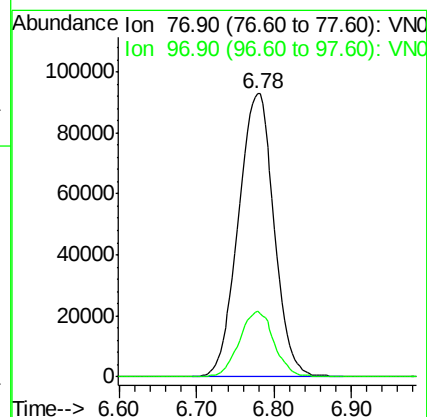
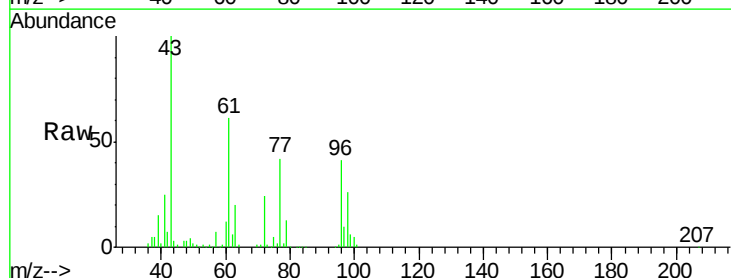
Acq: 20 Nov 2020 10:19

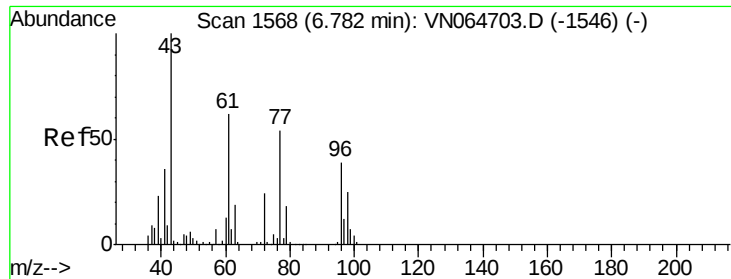
Tgt Ion: 77 Resp: 298156

Ion Ratio Lower Upper

77 100

97 22.6 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 51.093 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

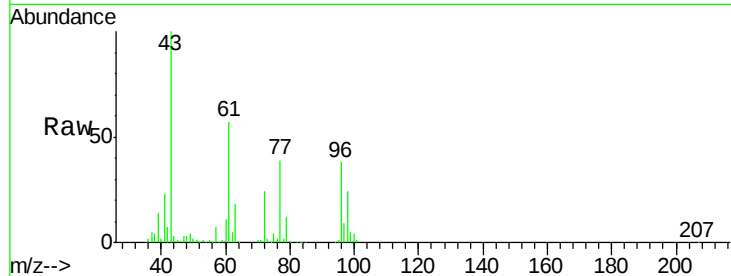
Tgt Ion: 96 Resp: 261276

Ion Ratio Lower Upper

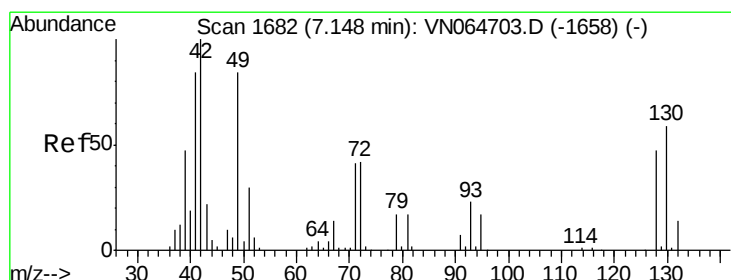
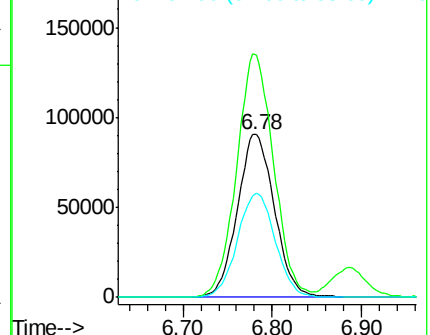
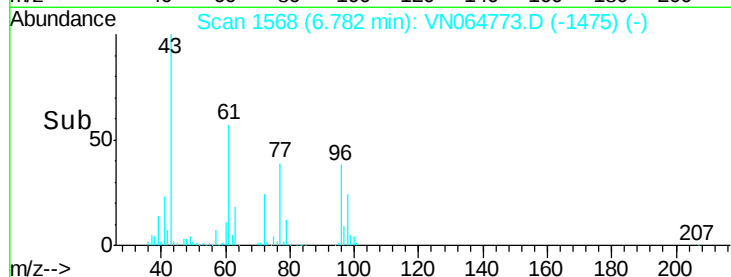
96 100

61 148.7 0.0 322.6

98 65.3 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN064773.D (-1475) (-)



#28

Bromochloromethane

Concen: 47.631 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

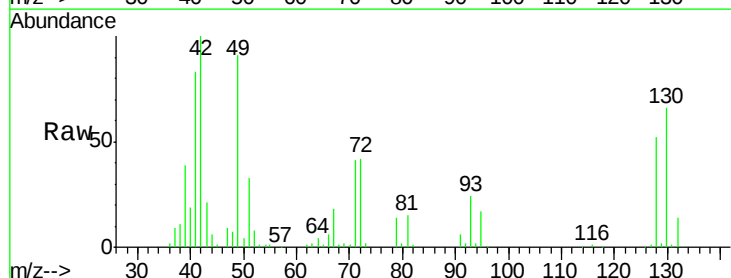
Tgt Ion: 49 Resp: 212090

Ion Ratio Lower Upper

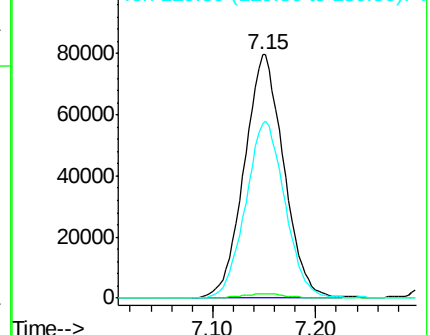
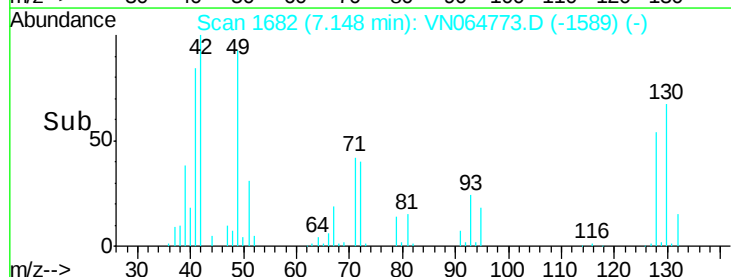
49 100

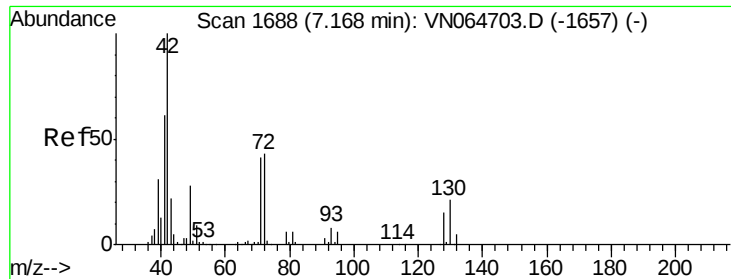
129 1.9 0.0 3.8

130 72.0 56.2 84.4



Abundance Ion 48.90 (48.60 to 49.60): VN064773.D (-1589) (-)

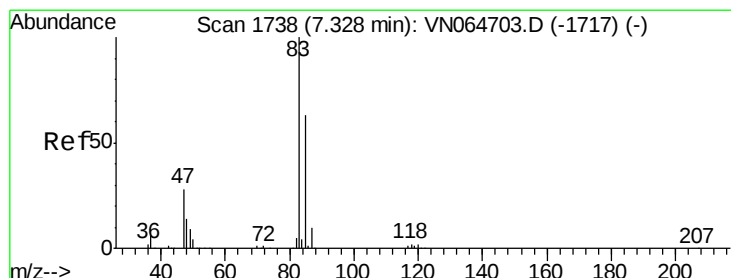
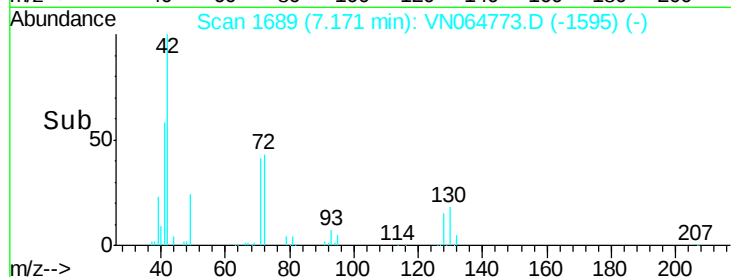
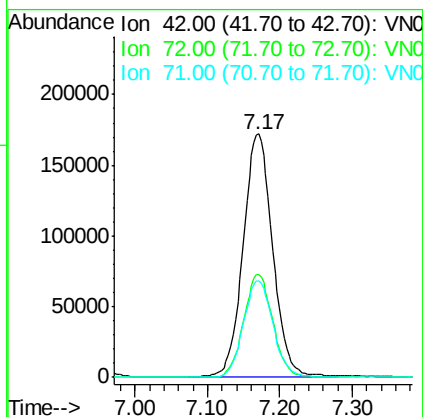
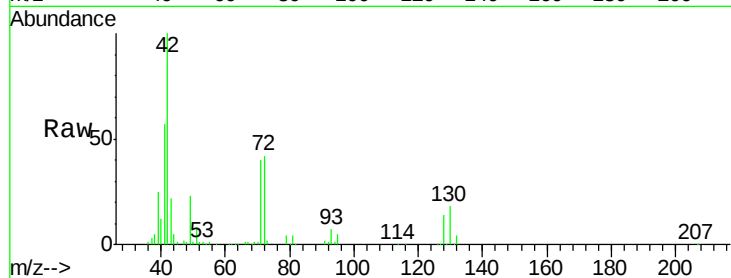




#29
Tetrahydrofuran
Concen: 277.199 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

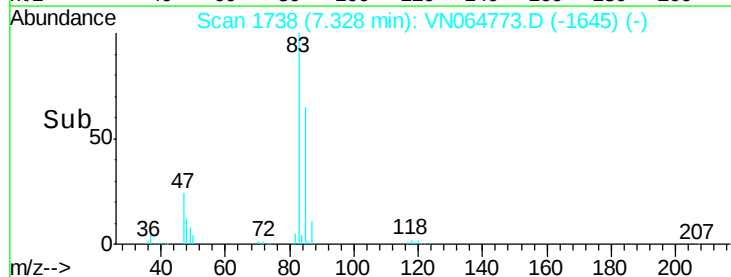
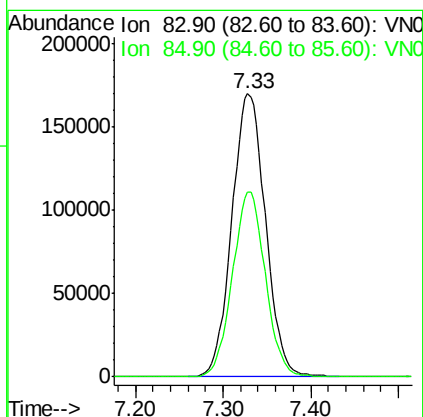
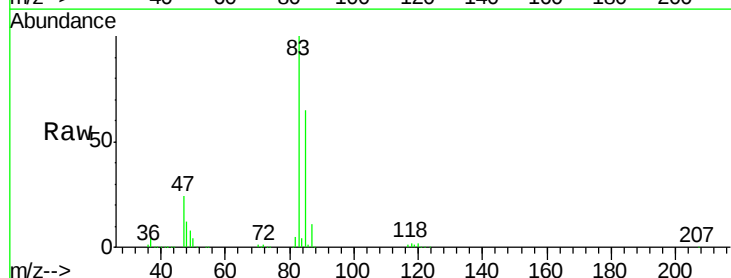
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

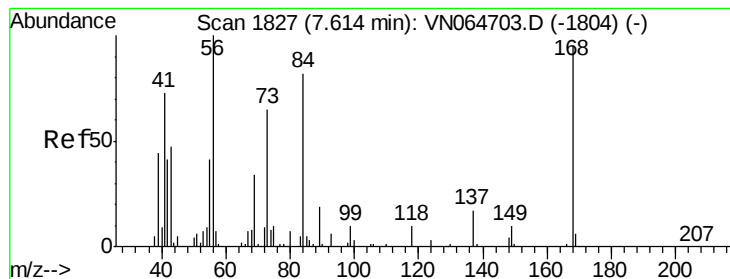
Tgt Ion: 42 Resp: 487053
Ion Ratio Lower Upper
42 100
72 41.7 33.0 49.4
71 39.8 31.8 47.6



#30
Chloroform
Concen: 47.323 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion: 83 Resp: 454164
Ion Ratio Lower Upper
83 100
85 65.3 50.6 75.8





#31

Cyclohexane

Concen: 48.845 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

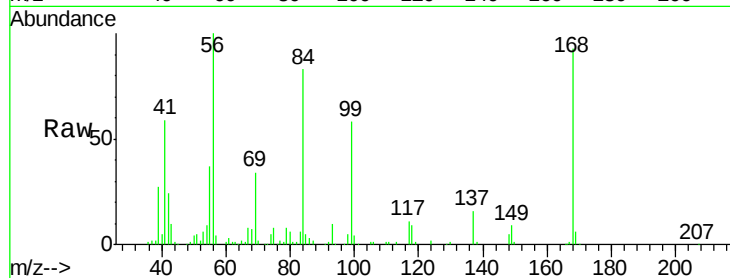
Tgt Ion: 56 Resp: 359186

Ion Ratio Lower Upper

56 100

69 33.7 27.2 40.8

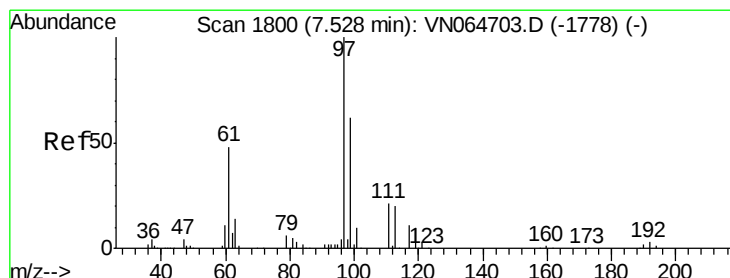
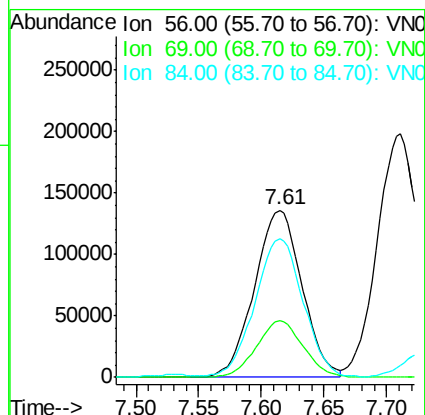
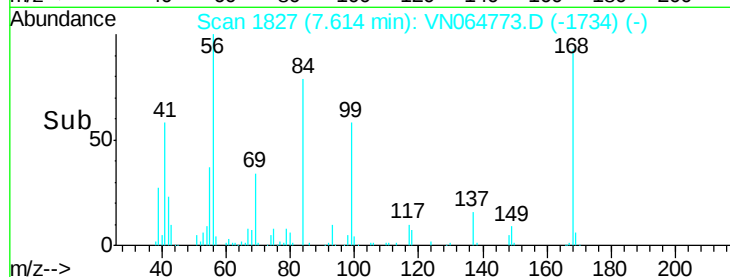
84 81.6 65.9 98.9



Abundance Ion 56.00 (55.70 to 56.70): VN064773.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN064773.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN064773.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 44.687 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

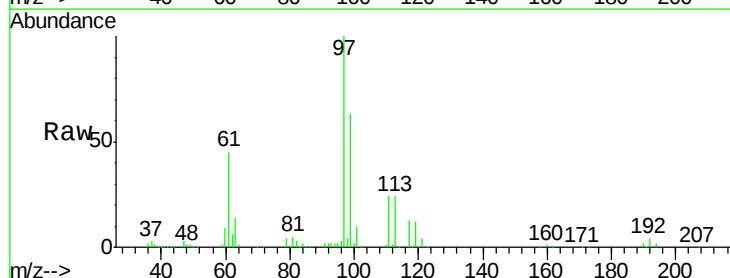
Tgt Ion: 97 Resp: 391989

Ion Ratio Lower Upper

97 100

99 64.0 50.6 76.0

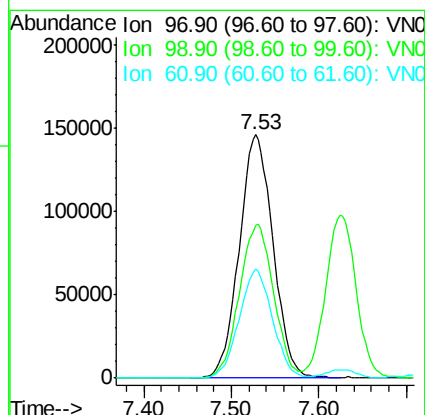
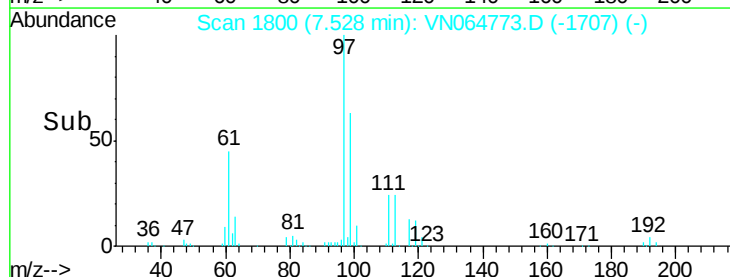
61 44.3 38.3 57.5

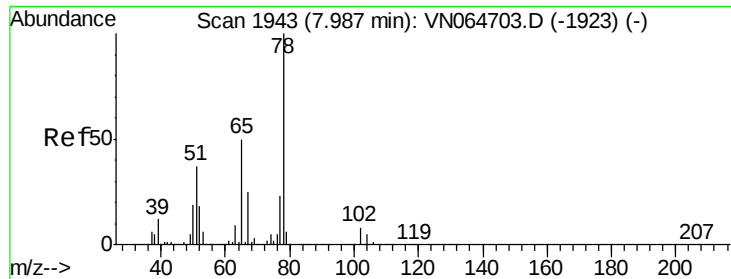


Abundance Ion 96.90 (96.60 to 97.60): VN064773.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064773.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064773.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 40.827 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

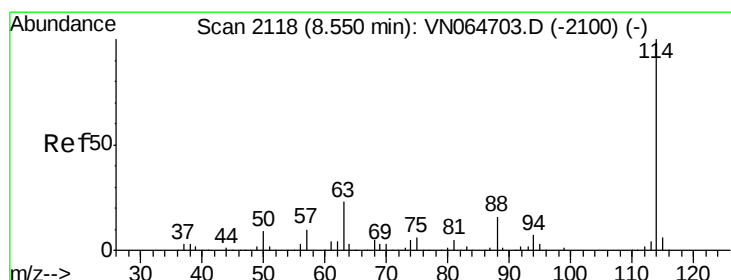
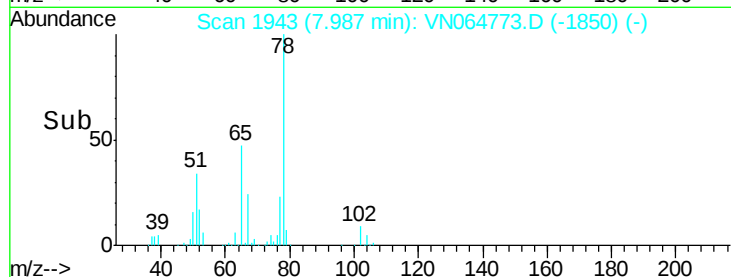
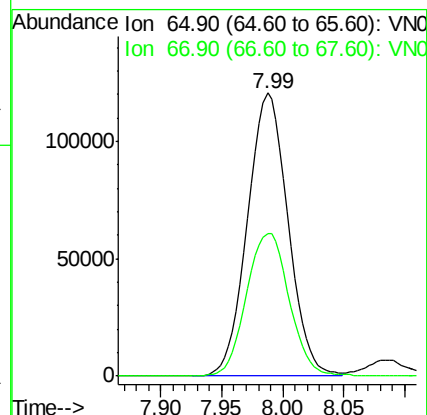
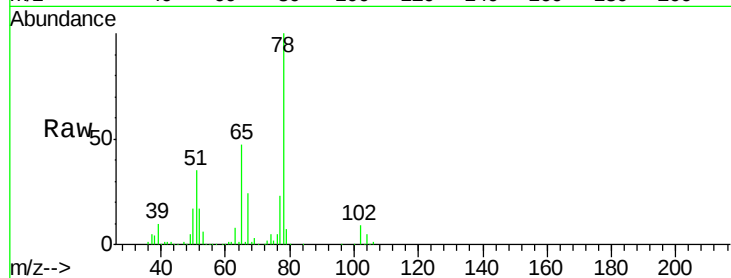
VSTDCCC050EC

Tgt Ion: 65 Resp: 277697

Ion Ratio Lower Upper

65 100

67 53.4 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

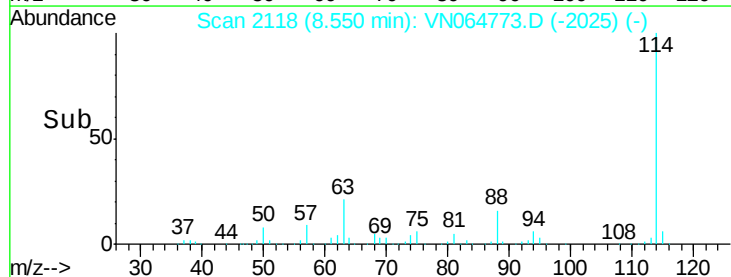
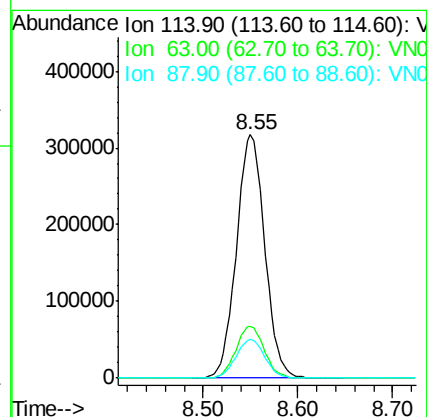
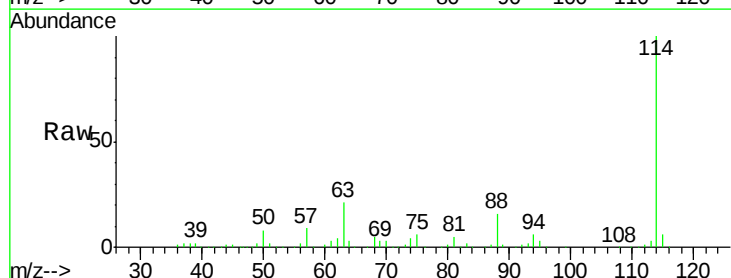
Tgt Ion: 114 Resp: 659925

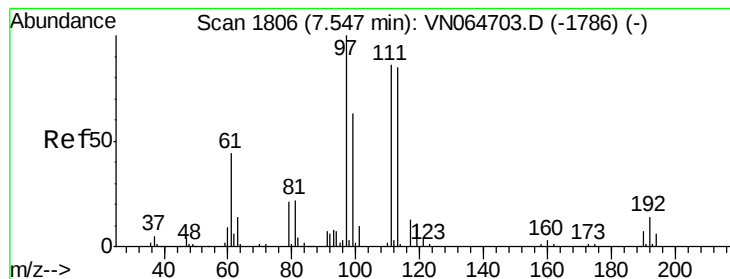
Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.0

88 15.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 54.374 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

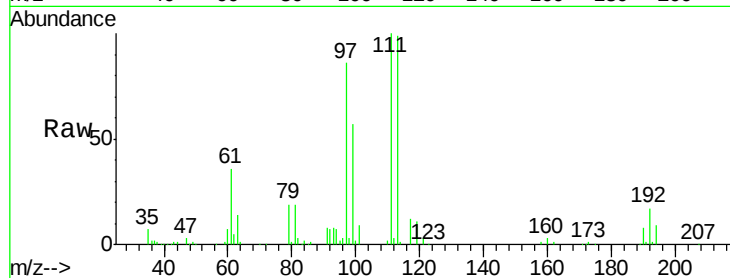
Tgt Ion:113 Resp: 204236

Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

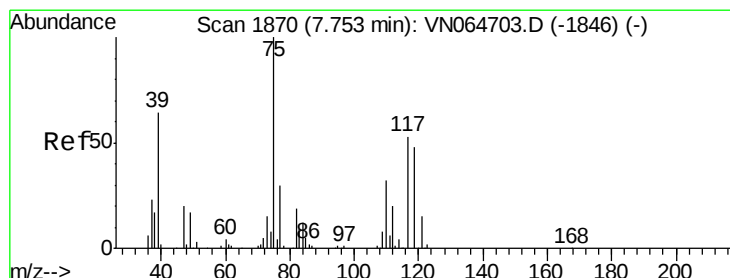
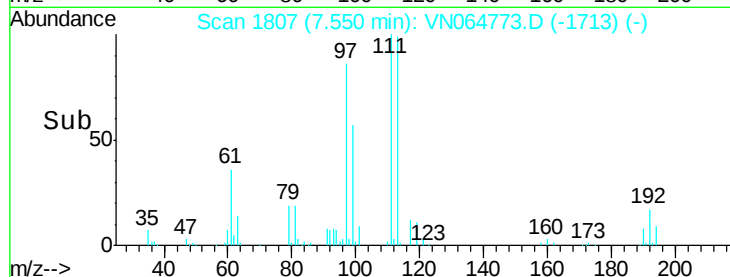
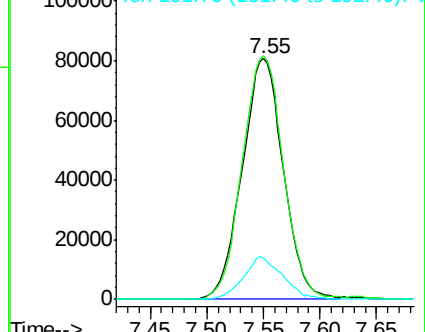
192 16.8 12.7 19.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.871 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

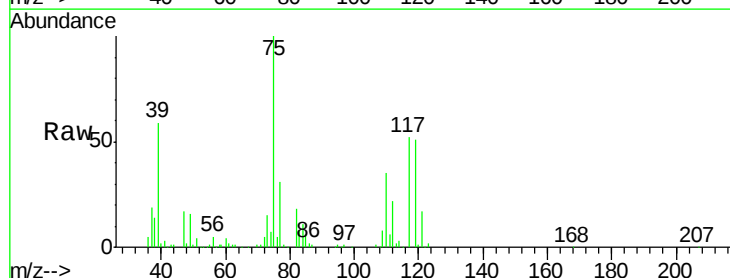
Tgt Ion: 75 Resp: 331802

Ion Ratio Lower Upper

75 100

110 33.7 16.2 48.6

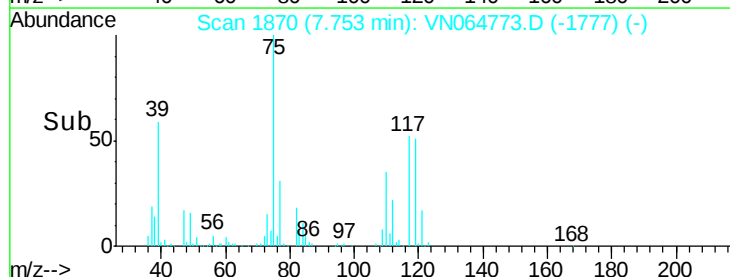
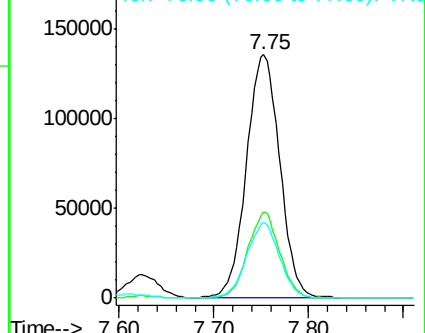
77 30.3 24.4 36.6

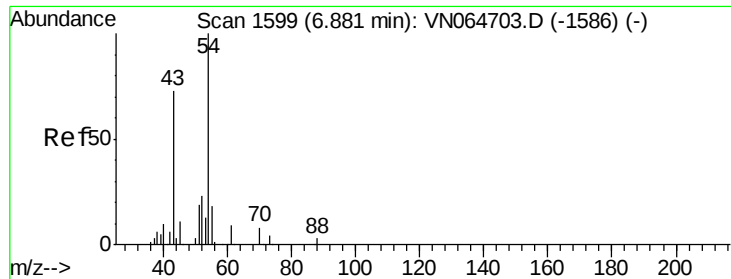


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

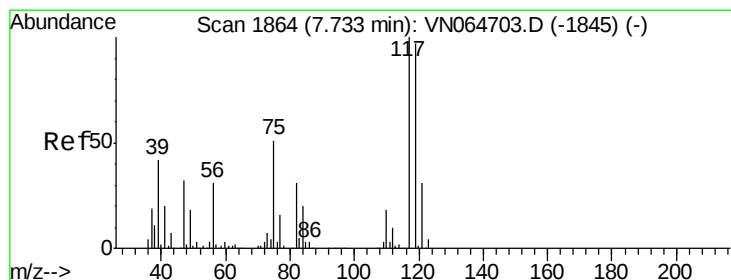
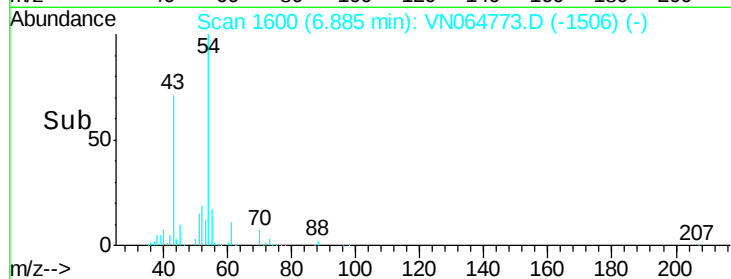
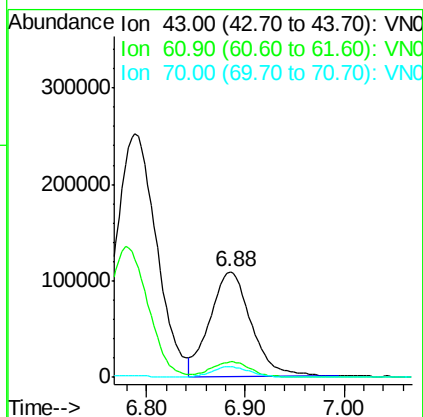
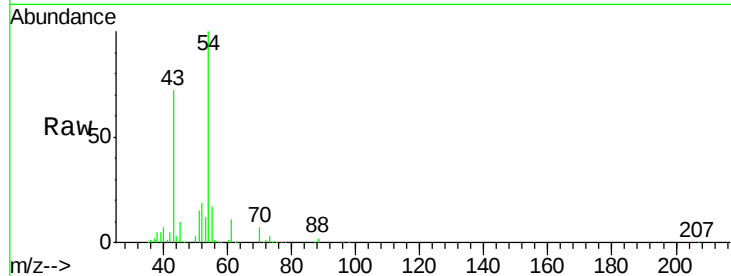




#37
 Ethyl Acetate
 Concen: 55.866 ug/l
 RT: 6.88 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

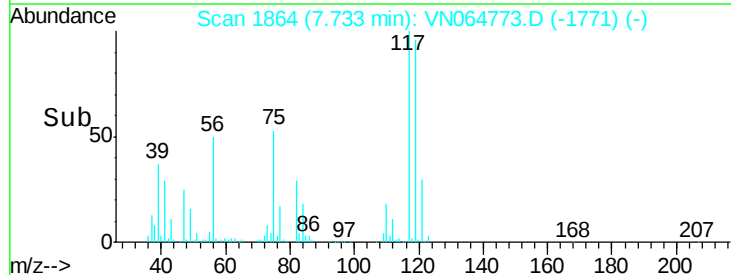
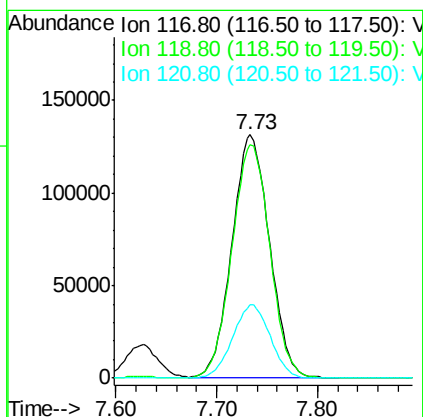
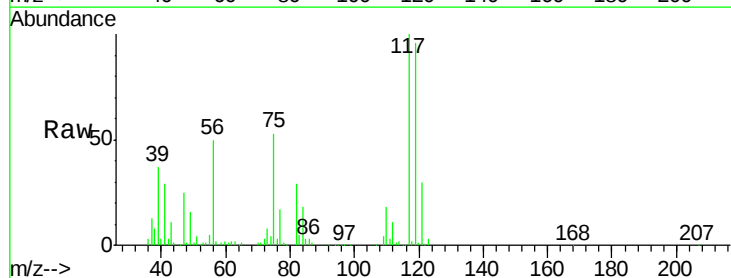
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

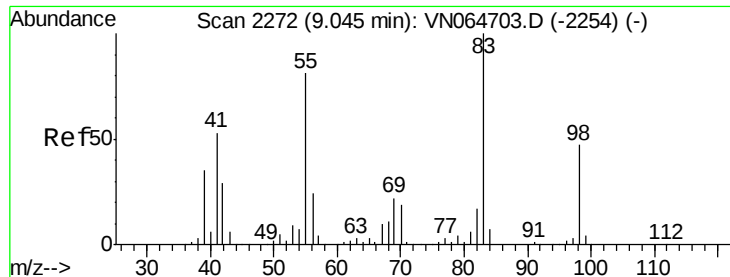
Tgt Ion: 43 Resp: 317596
 Ion Ratio Lower Upper
 43 100
 61 13.7 10.4 15.6
 70 9.7 7.6 11.4



#38
 Carbon Tetrachloride
 Concen: 46.960 ug/l
 RT: 7.73 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion: 117 Resp: 338839
 Ion Ratio Lower Upper
 117 100
 119 95.9 77.8 116.6
 121 29.9 24.9 37.3

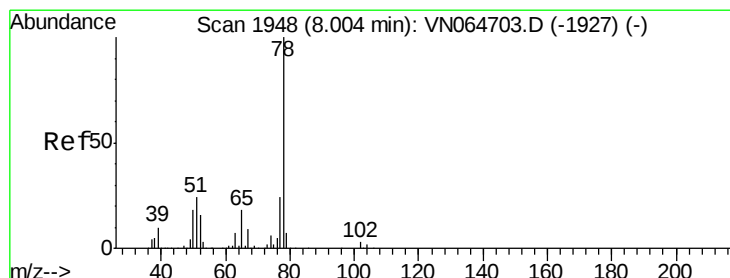
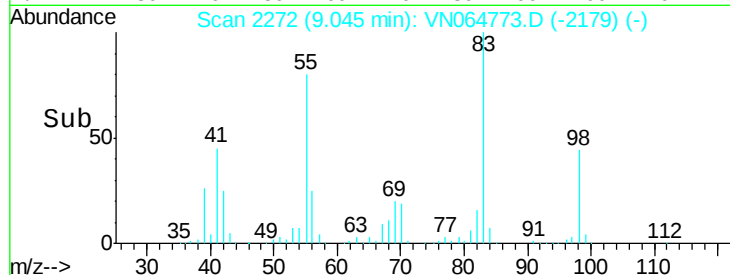
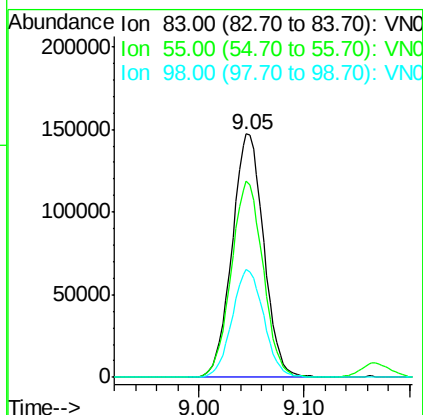
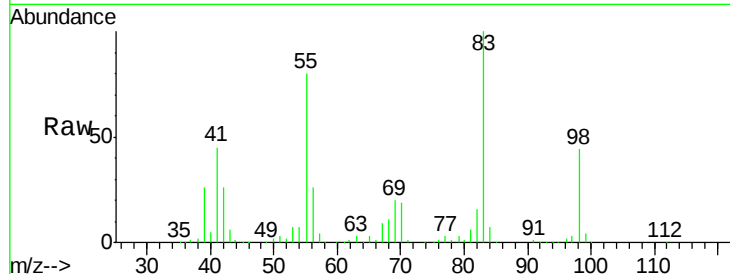




#39
Methylcyclohexane
Concen: 51.093 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

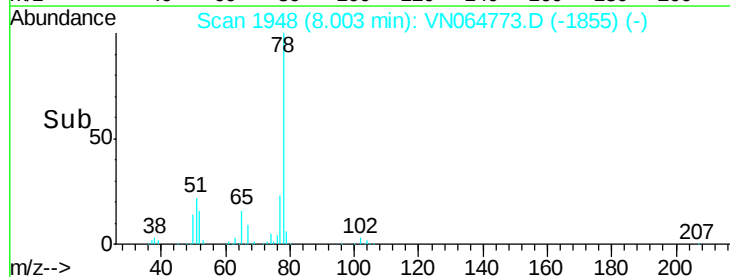
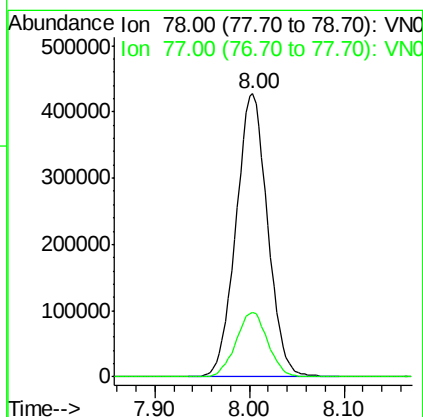
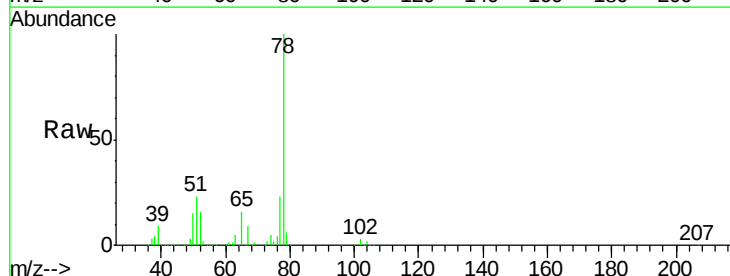
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

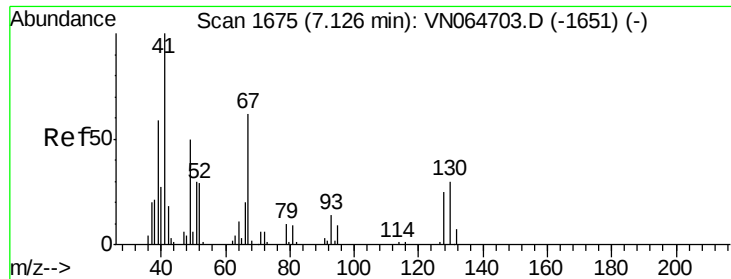
Tgt Ion: 83 Resp: 307362
Ion Ratio Lower Upper
83 100
55 80.4 64.6 97.0
98 44.3 37.7 56.5



#40
Benzene
Concen: 52.440 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion: 78 Resp: 992015
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8

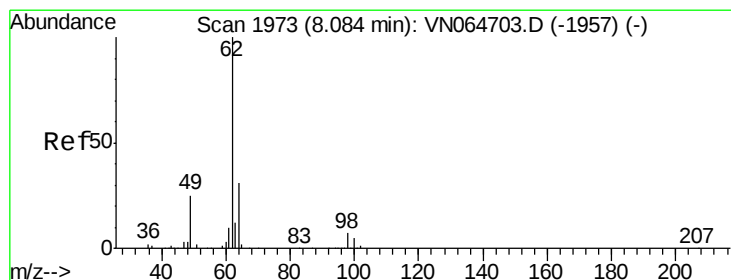
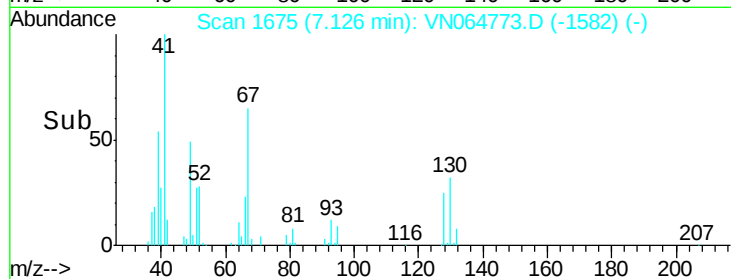
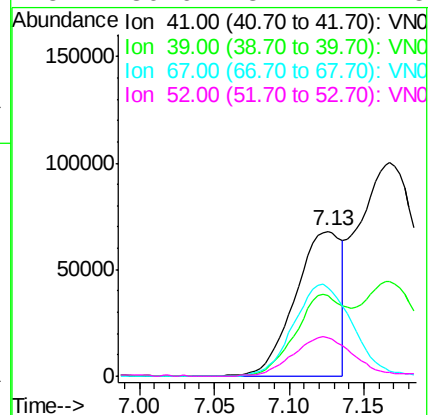
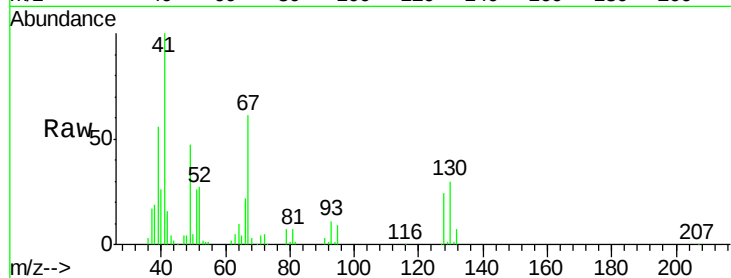




#41
Methacrylonitrile
Concen: 55.773 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

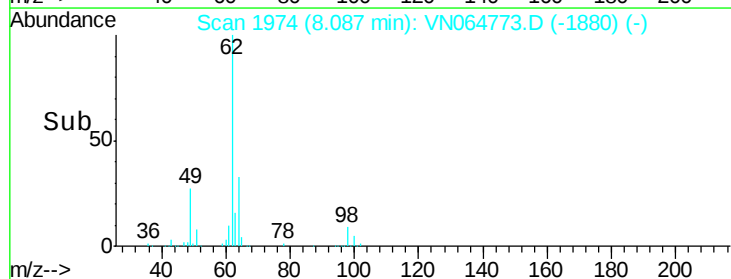
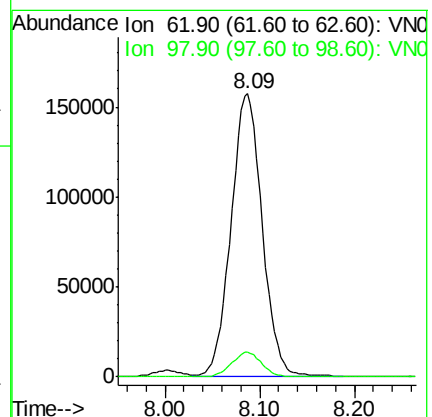
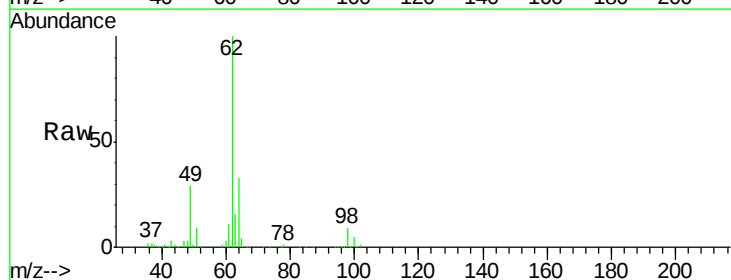
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

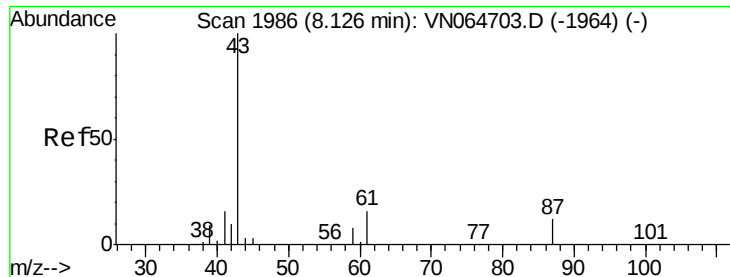
Tgt Ion:	41	Resp:	145327
Ion	Ratio	Lower	Upper
41	100		
39	62.5	46.0	69.0
67	81.4	67.0	100.4
52	36.6	31.7	47.5



#42
1,2-Dichloroethane
Concen: 44.168 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion:	62	Resp:	359496
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	13.6





#43

Isopropyl Acetate

Concen: 47.996 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

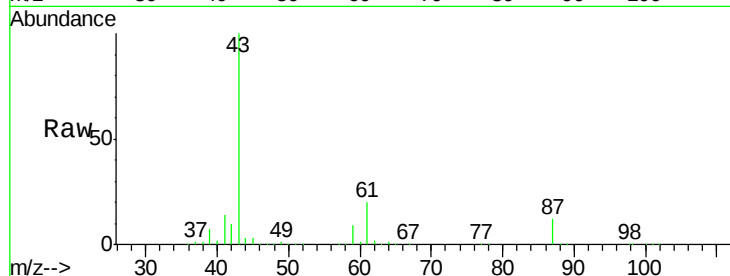
Tgt Ion: 43 Resp: 528873

Ion Ratio Lower Upper

43 100

61 19.2 14.1 21.1

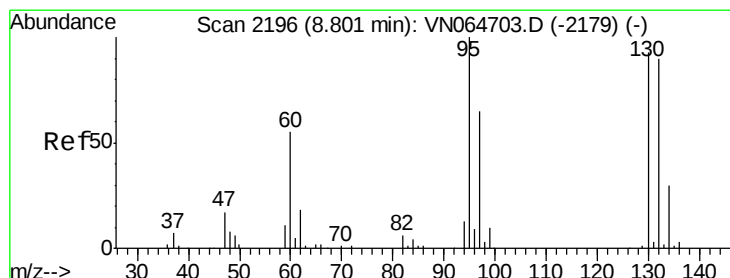
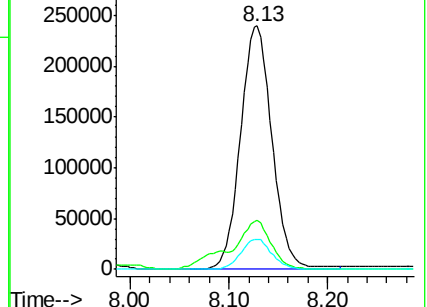
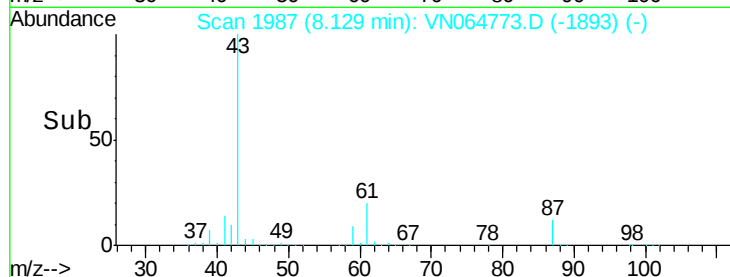
87 12.3 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064773.D (-1987) (-)

Ion 61.00 (60.70 to 61.70): VN064773.D (-1987) (-)

Ion 87.00 (86.70 to 87.70): VN064773.D (-1987) (-)



#44

Trichloroethene

Concen: 49.529 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064773.D

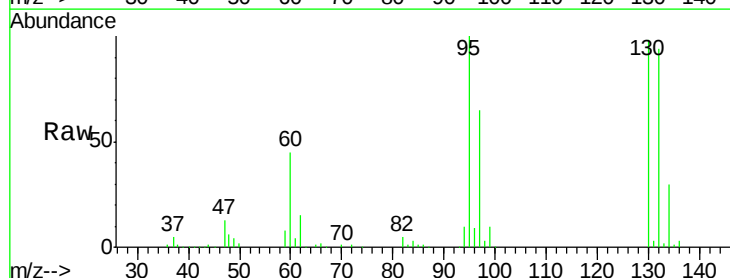
Acq: 20 Nov 2020 10:19

Tgt Ion: 130 Resp: 268891

Ion Ratio Lower Upper

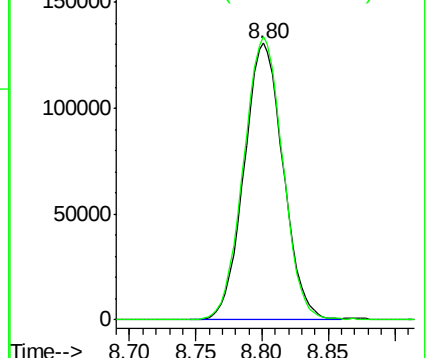
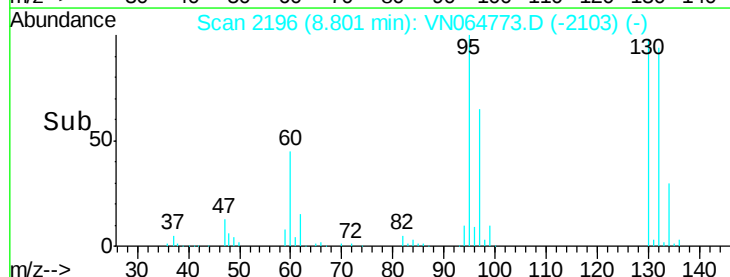
130 100

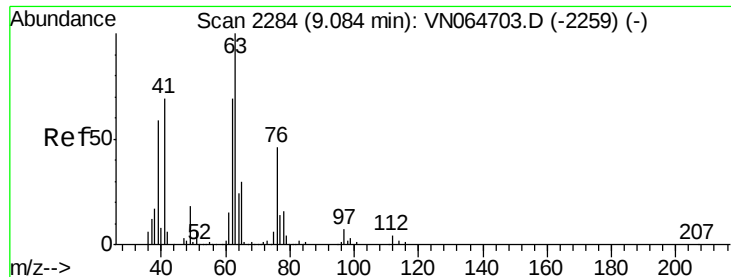
95 102.2 0.0 214.2



Abundance Ion 129.80 (129.50 to 130.50): VN064773.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN064773.D (-2196) (-)





#45

1,2-Dichloropropane

Concen: 53.273 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

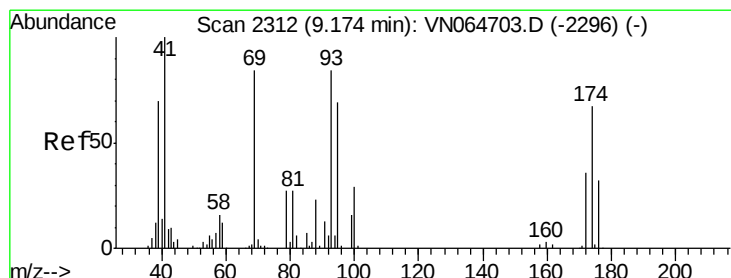
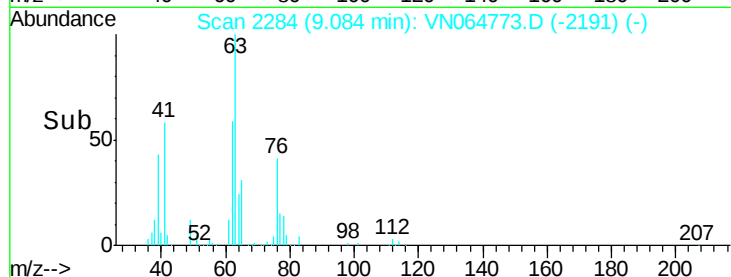
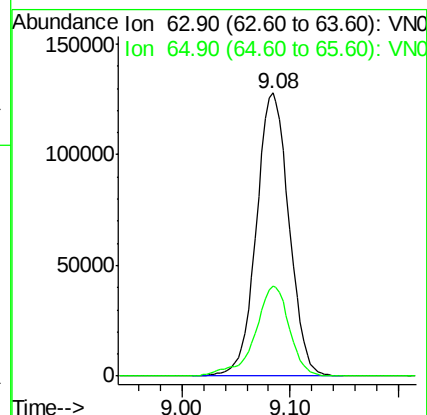
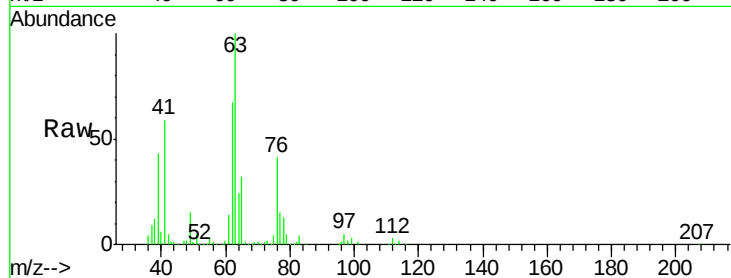
VSTDCCC050EC

Tgt Ion: 63 Resp: 268630

Ion Ratio Lower Upper

63 100

65 31.9 24.0 36.0



#46

Dibromomethane

Concen: 48.031 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

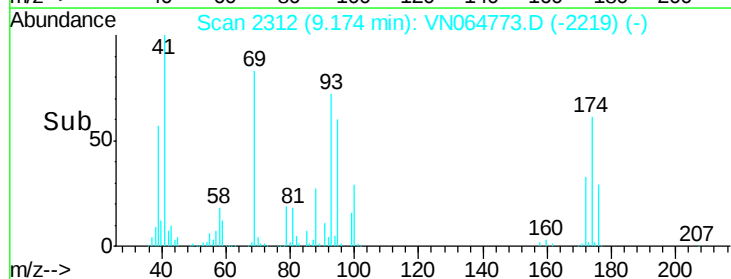
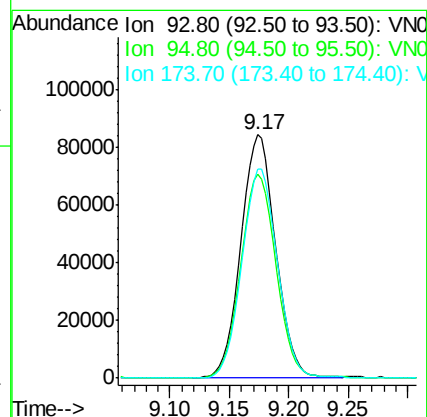
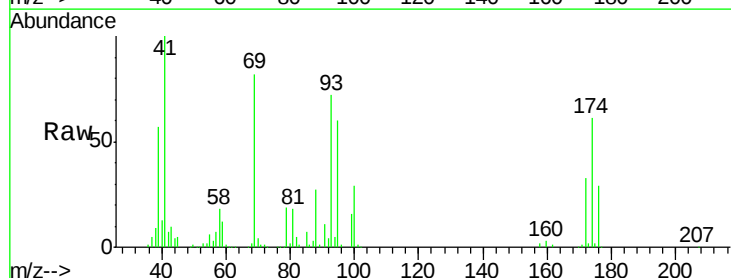
Tgt Ion: 93 Resp: 171681

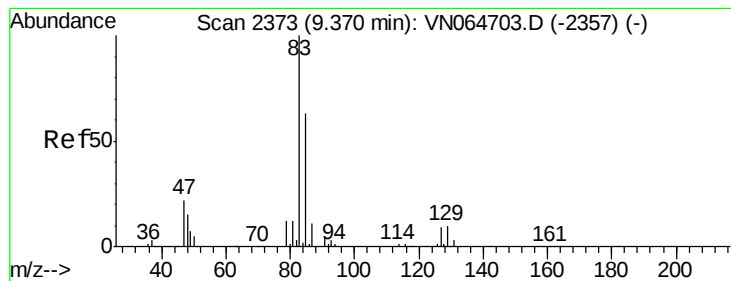
Ion Ratio Lower Upper

93 100

95 84.8 64.6 97.0

174 87.4 64.3 96.5





#47

Bromodichloromethane

Concen: 47.665 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

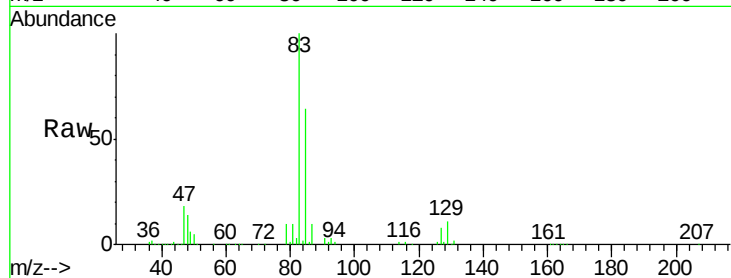
Tgt Ion: 83 Resp: 358166

Ion Ratio Lower Upper

83 100

85 64.4 50.8 76.2

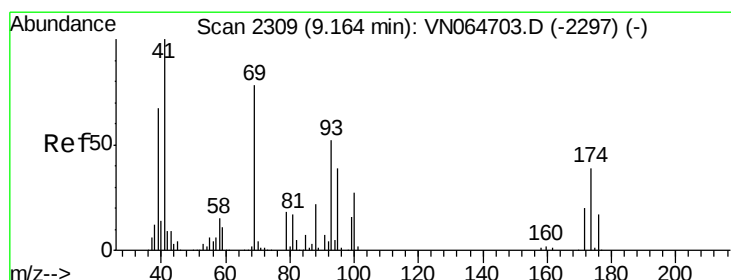
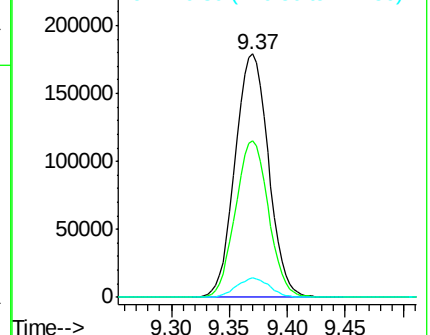
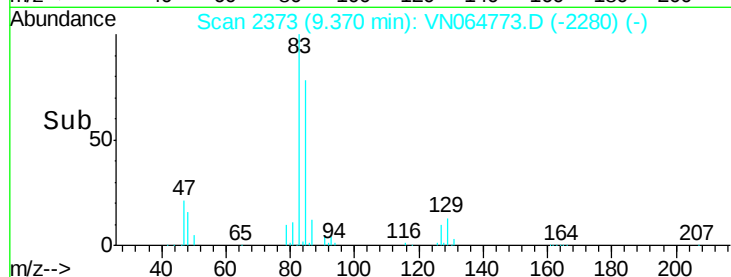
127 7.9 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN064773.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064773.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064773.D (-2280) (-)



#48

Methyl methacrylate

Concen: 50.830 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

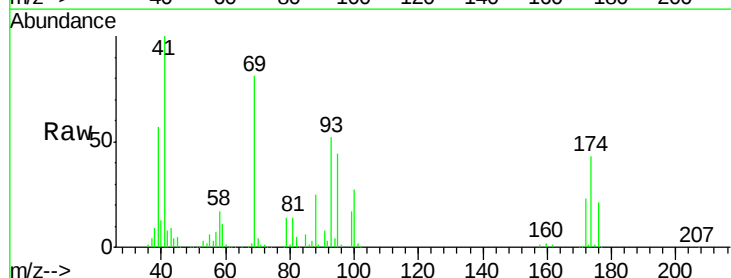
Tgt Ion: 41 Resp: 264276

Ion Ratio Lower Upper

41 100

69 81.1 62.3 93.5

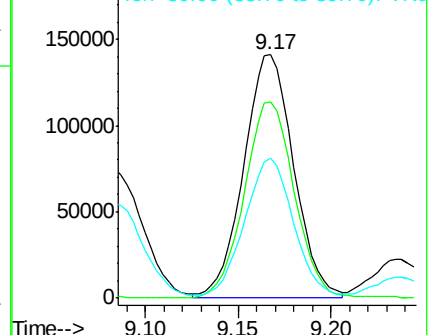
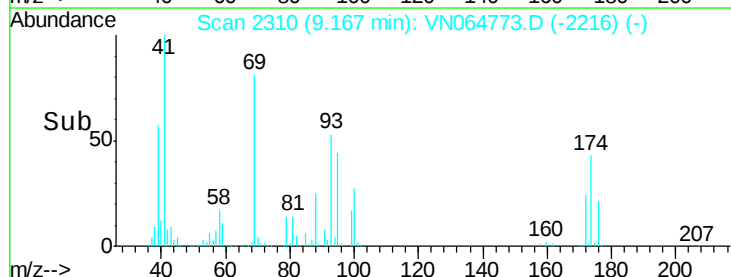
39 56.9 55.1 82.7

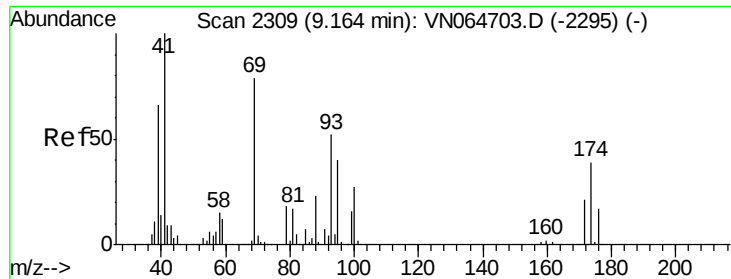


Abundance Ion 41.00 (40.70 to 41.70): VN064773.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064773.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064773.D (-2216) (-)

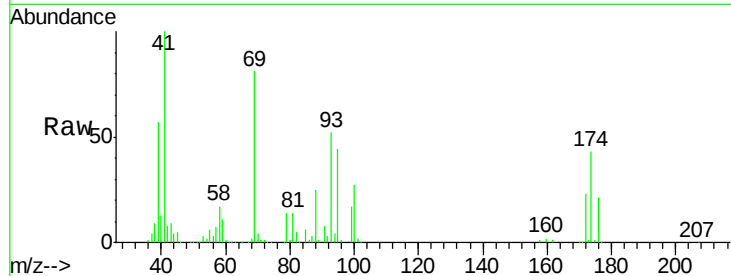




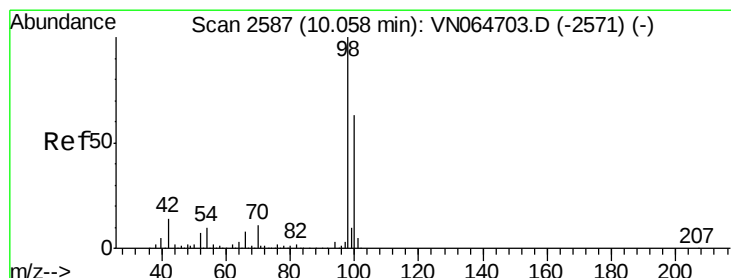
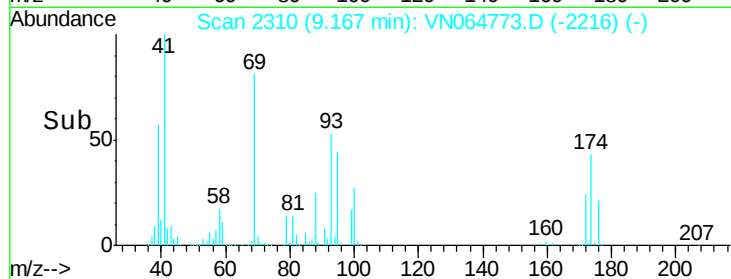
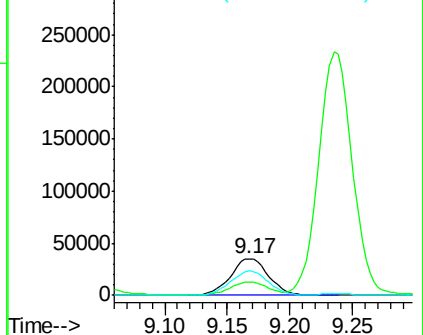
#49
 1,4-Dioxane
 Concen: 1136.504 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 73721
 Ion Ratio Lower Upper
 88 100
 43 34.6 31.3 46.9
 58 67.6 55.7 83.5

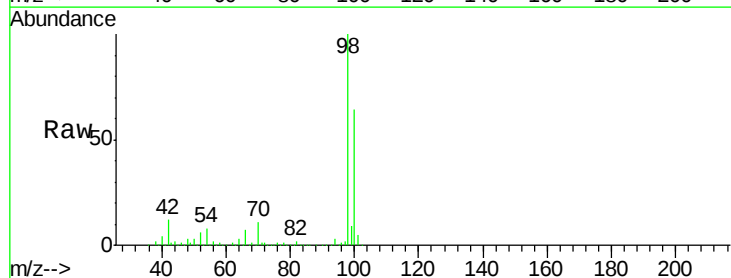


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

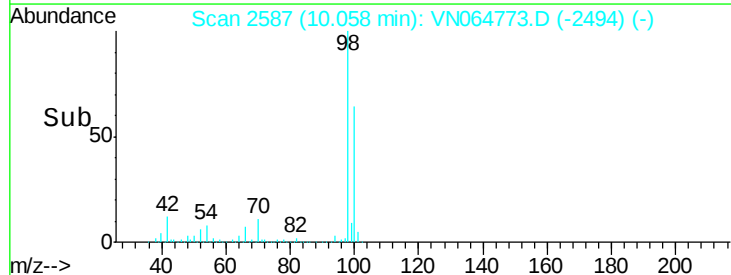
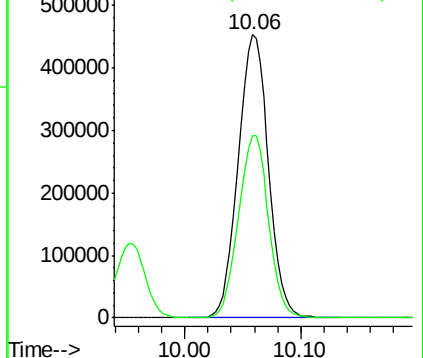


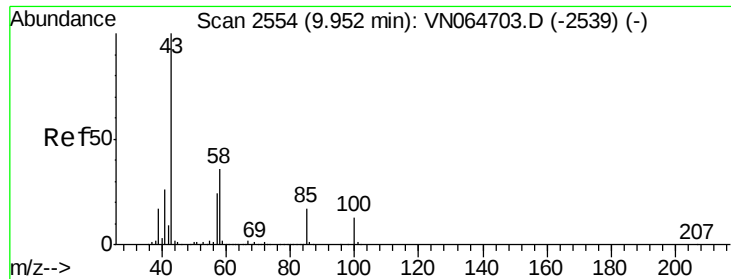
#50
 Toluene-d8
 Concen: 48.124 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion: 98 Resp: 821524
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.4 75.6



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: 237.464 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

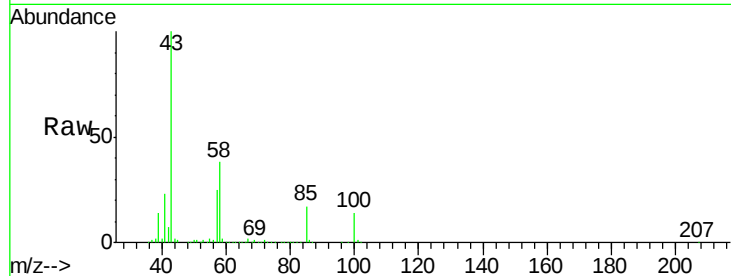
VSTDCCC050EC

Tgt Ion: 43 Resp: 1577455

Ion Ratio Lower Upper

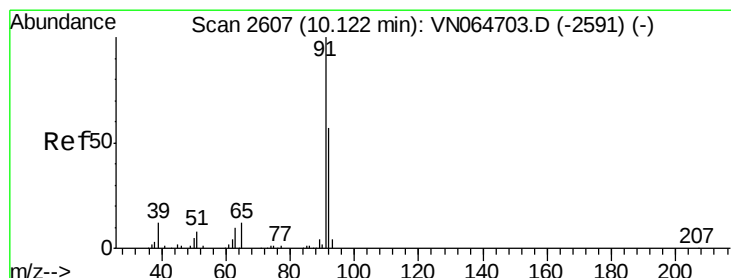
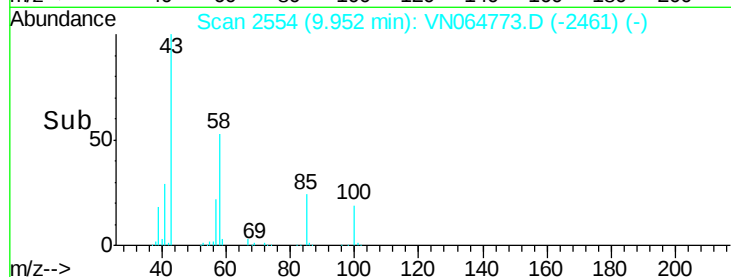
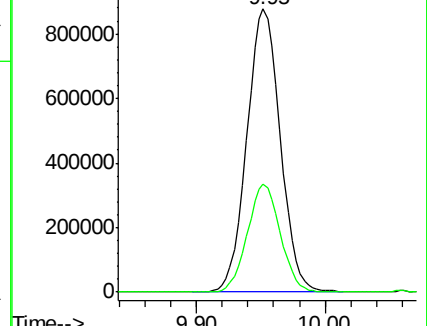
43 100

58 37.8 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.875 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064773.D

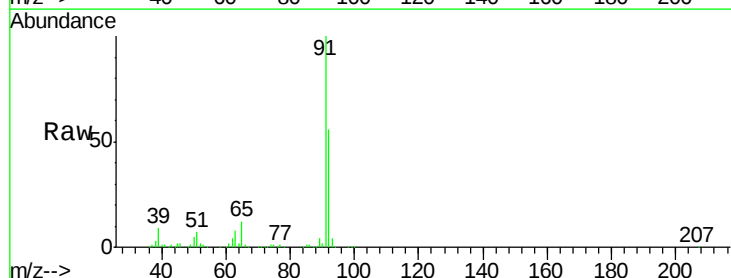
Acq: 20 Nov 2020 10:19

Tgt Ion: 92 Resp: 604400

Ion Ratio Lower Upper

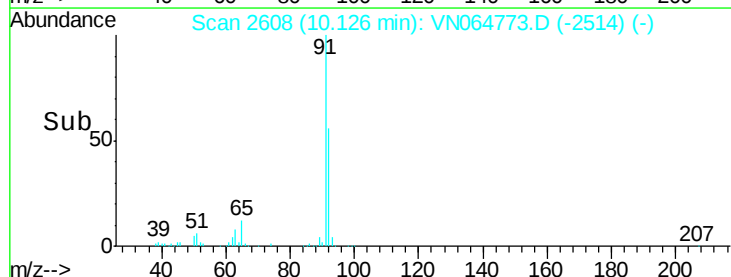
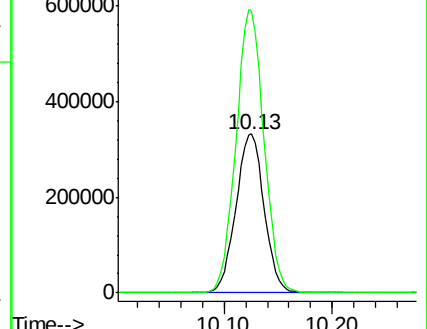
92 100

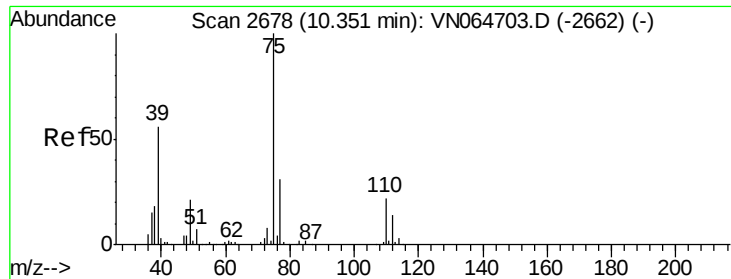
91 177.3 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 46.727 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

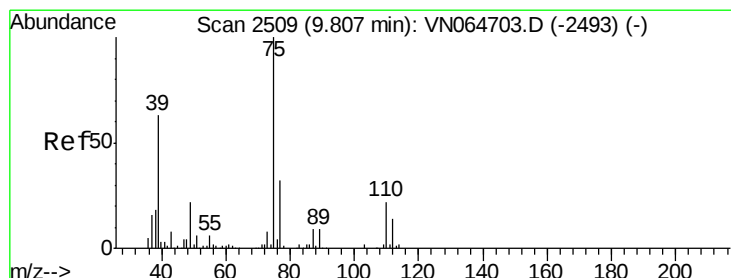
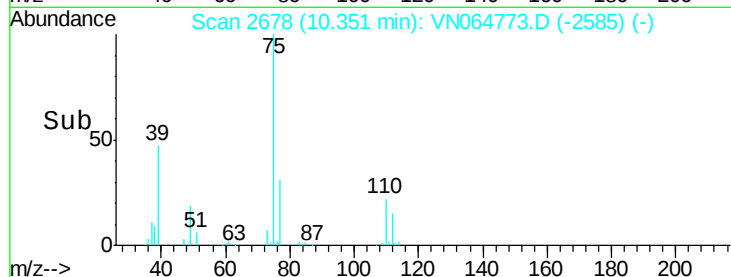
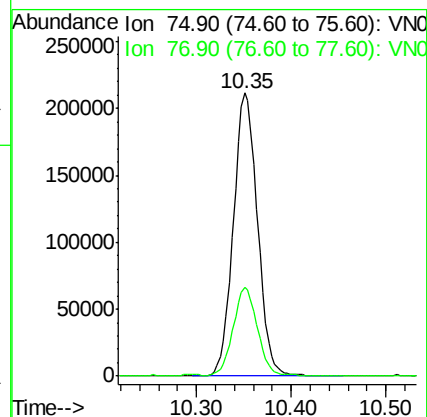
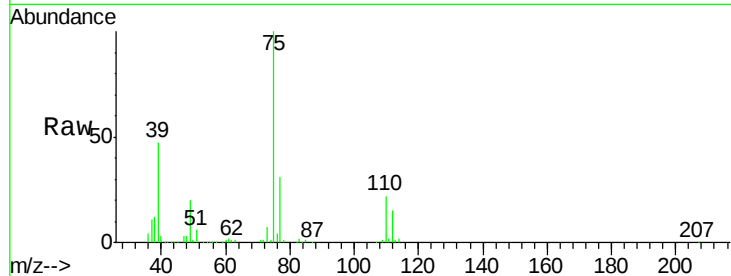
VSTDCCC050EC

Tgt Ion: 75 Resp: 375775

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 47.580 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

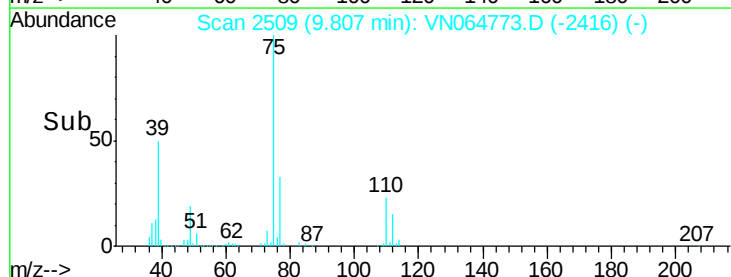
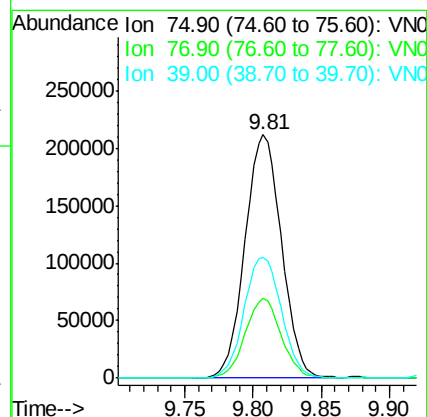
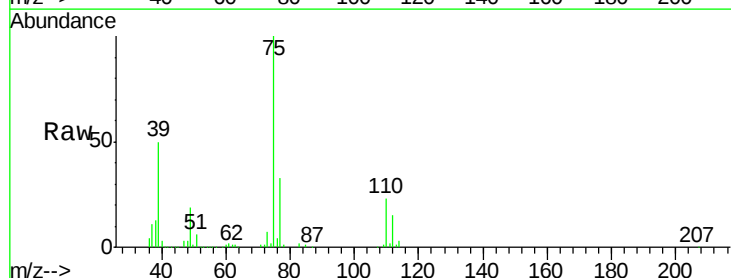
Tgt Ion: 75 Resp: 393999

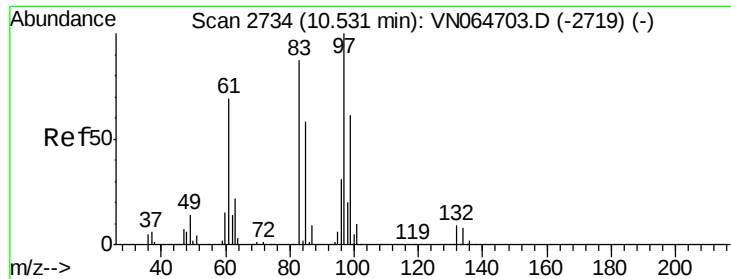
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.8

39 49.7 50.5 75.7#

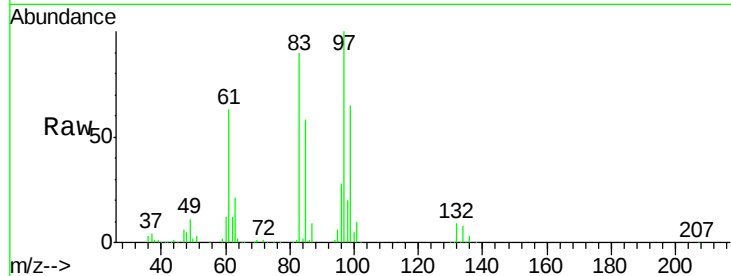




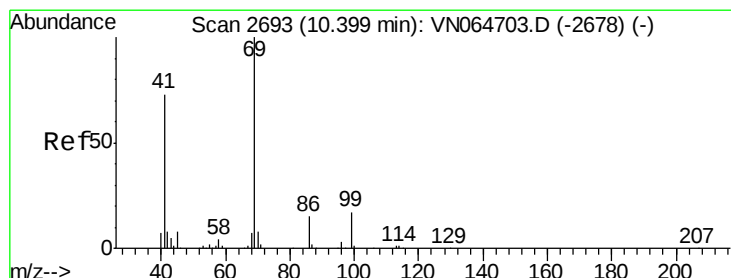
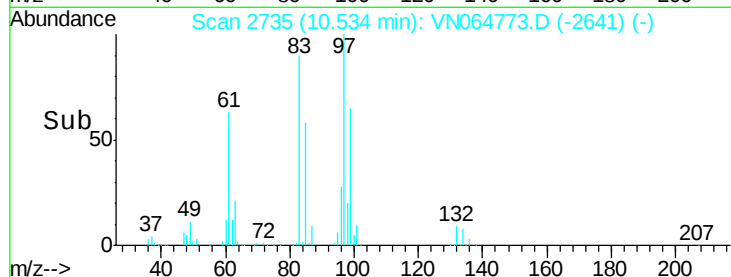
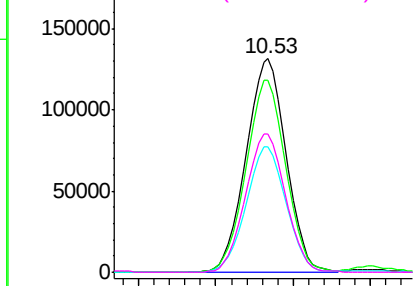
#55
 1,1,2-Trichloroethane
 Concen: 50.641 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	236652
Ion	Ratio	Lower	Upper
97	100		
83	90.0	69.6	104.4
85	58.5	46.6	70.0
99	64.7	48.9	73.3

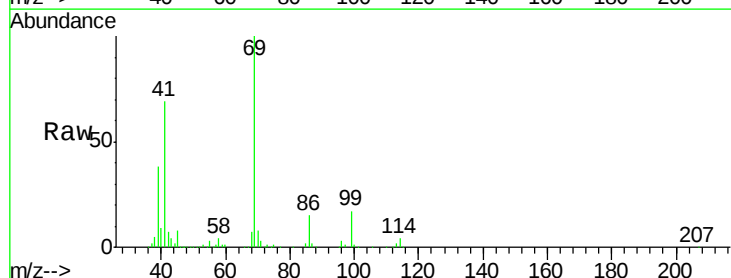


Abundance Ion 96.90 (96.60 to 97.60): VNC
 Ion 82.90 (82.60 to 83.60): VNC
 Ion 84.90 (84.60 to 85.60): VNC
 Ion 98.90 (98.60 to 99.60): VNC

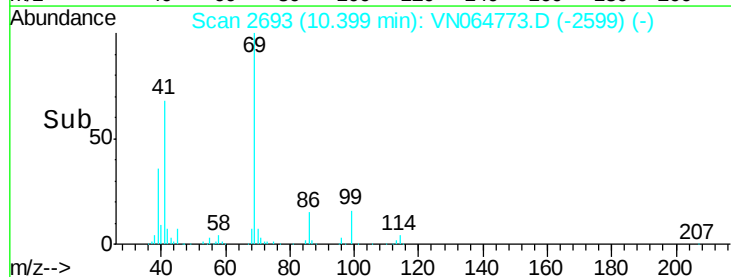
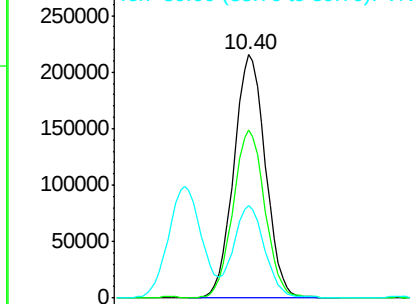


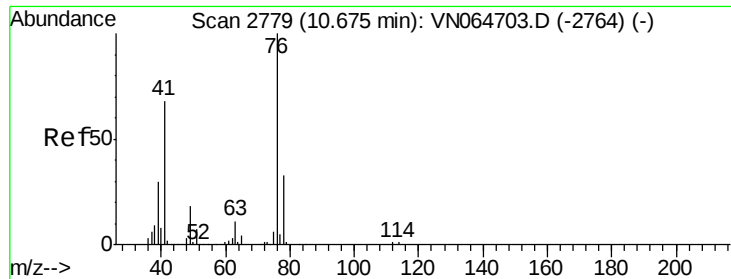
#56
 Ethyl methacrylate
 Concen: 46.732 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion:	69	Resp:	357058
Ion	Ratio	Lower	Upper
69	100		
41	69.0	59.0	88.4
39	37.3	38.4	57.6#



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





#57

1,3-Dichloropropane

Concen: 51.226 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

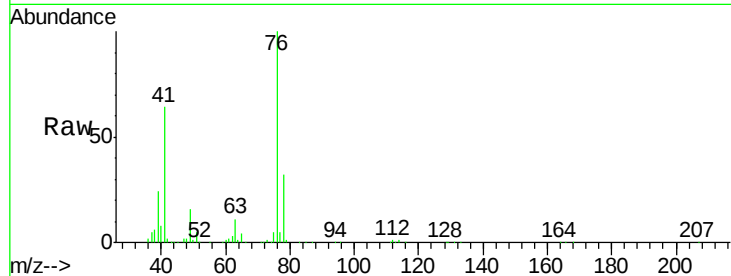
VSTDCCC050EC

Tgt Ion: 76 Resp: 414670

Ion Ratio Lower Upper

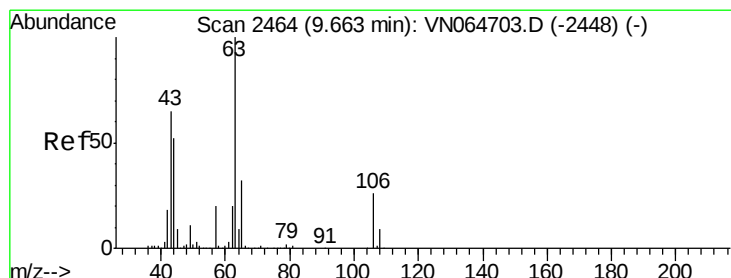
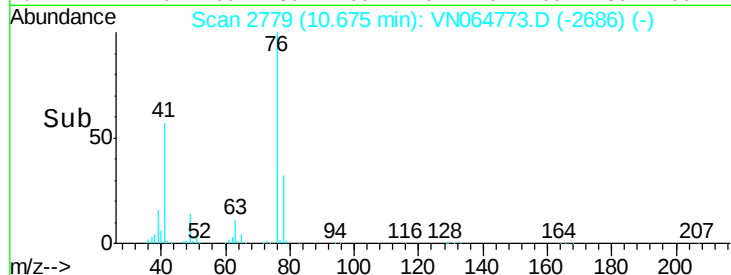
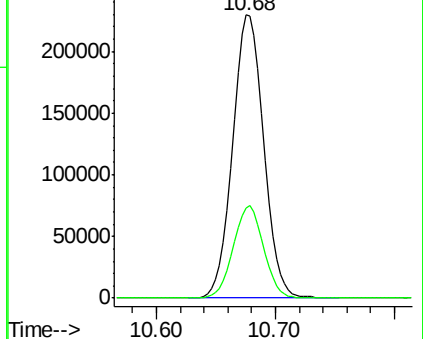
76 100

78 32.1 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 237.592 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064773.D

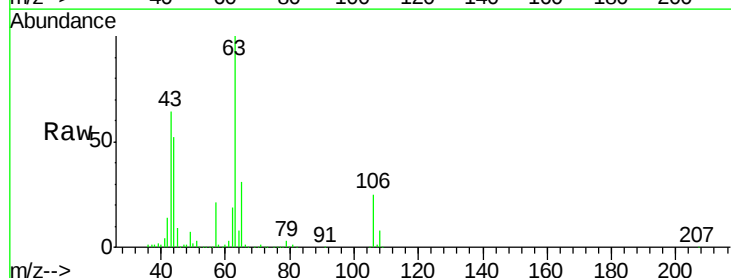
Acq: 20 Nov 2020 10:19

Tgt Ion: 63 Resp: 993619

Ion Ratio Lower Upper

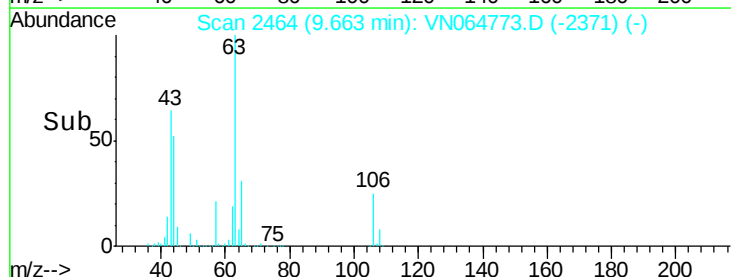
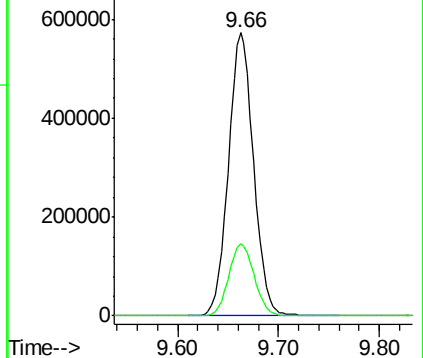
63 100

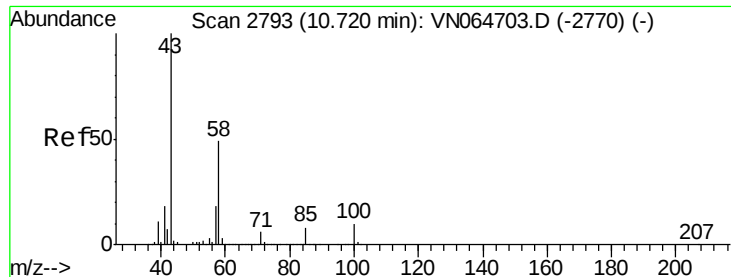
106 25.9 20.9 31.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

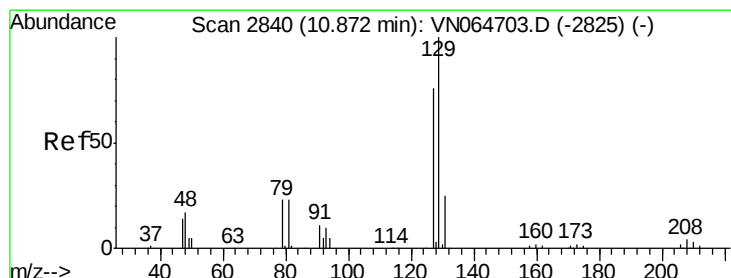
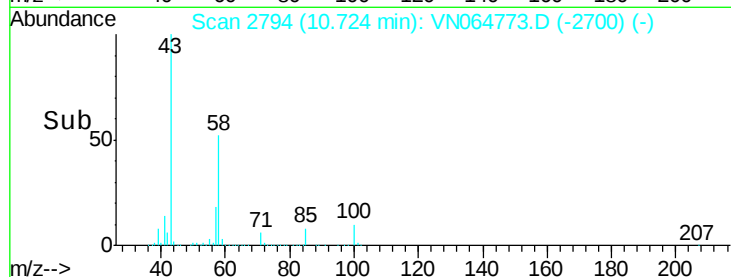
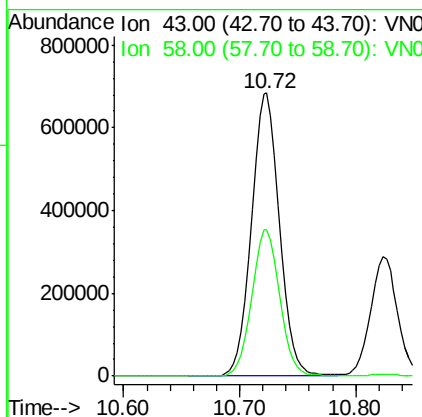
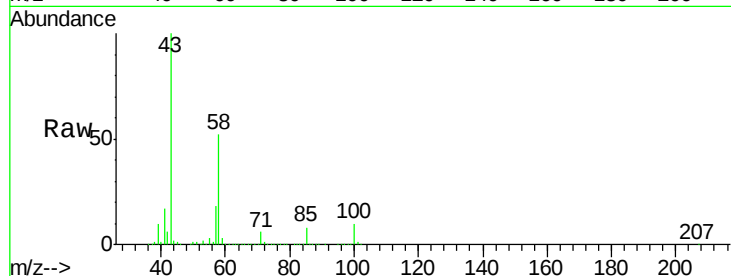




#59
2-Hexanone
Concen: 236.632 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

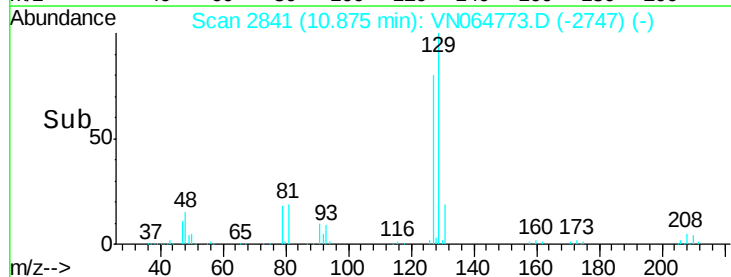
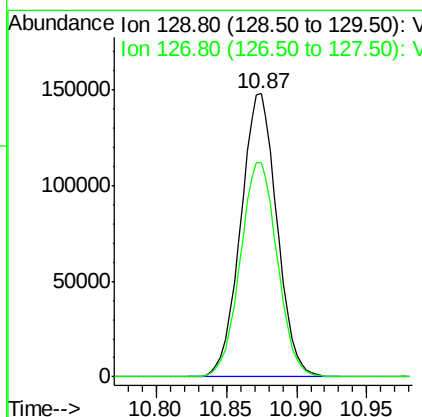
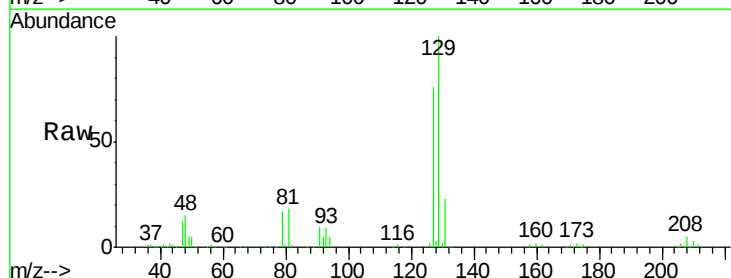
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

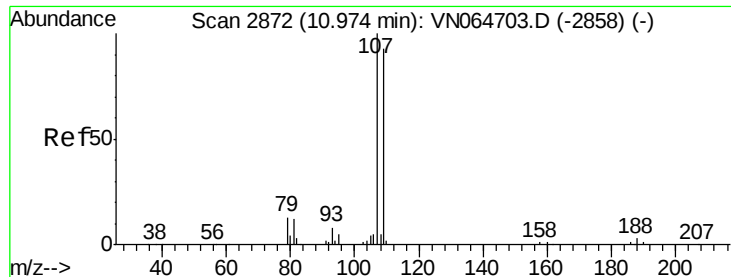
Tgt Ion: 43 Resp: 1154015
Ion Ratio Lower Upper
43 100
58 51.9 24.4 73.4



#60
Dibromochloromethane
Concen: 49.396 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion: 129 Resp: 266693
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4

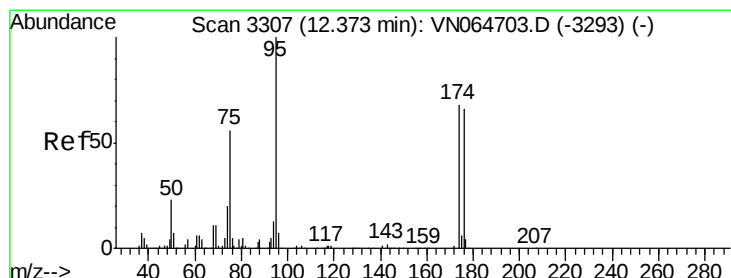
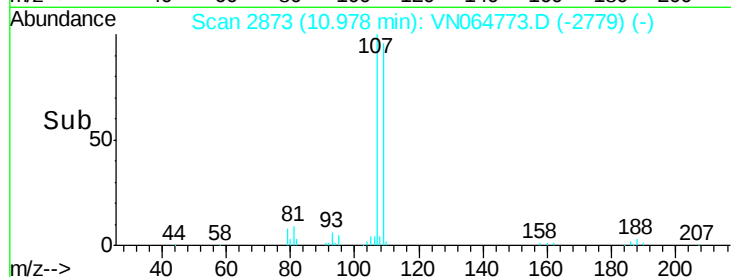
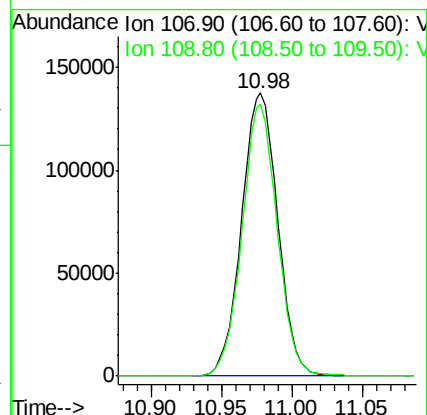
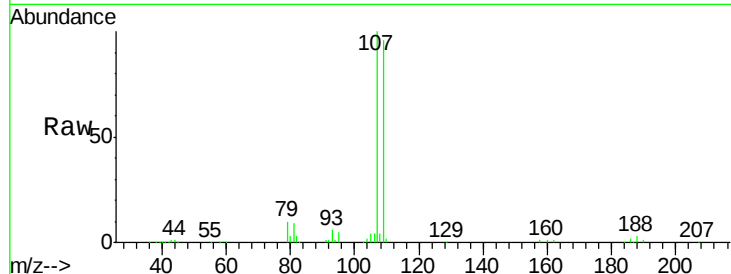




#61
 1,2-Dibromoethane
 Concen: 49.609 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

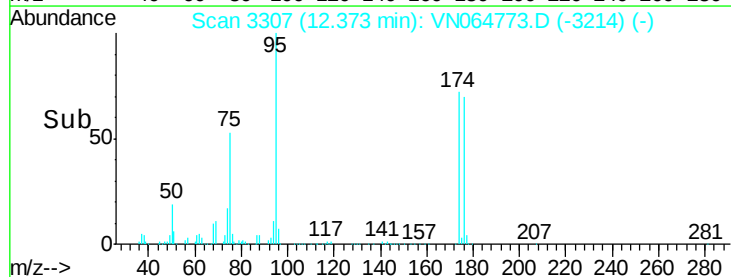
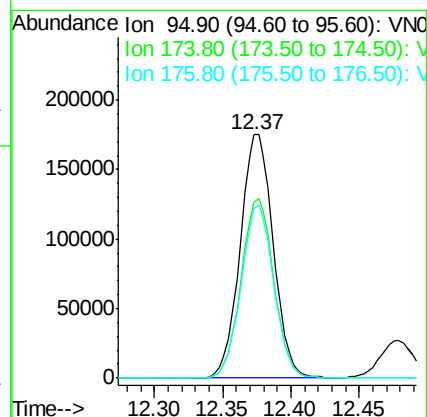
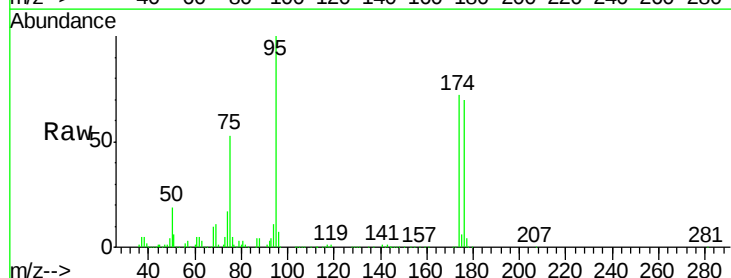
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

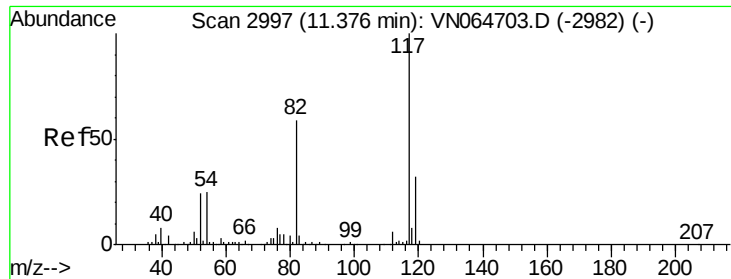
Tgt Ion: 107 Resp: 247271
 Ion Ratio Lower Upper
 107 100
 109 93.7 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 45.959 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion: 95 Resp: 293255
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 136.8
 176 70.4 0.0 134.2

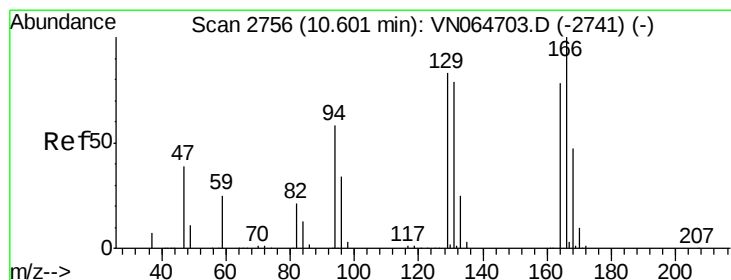
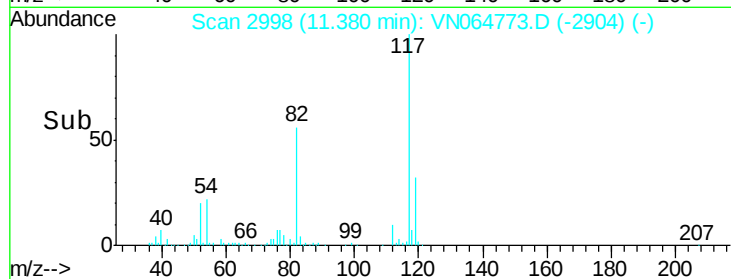
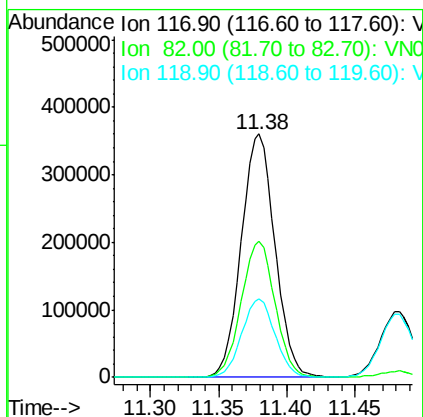
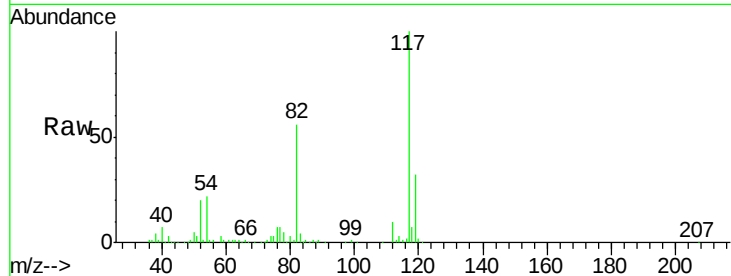




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

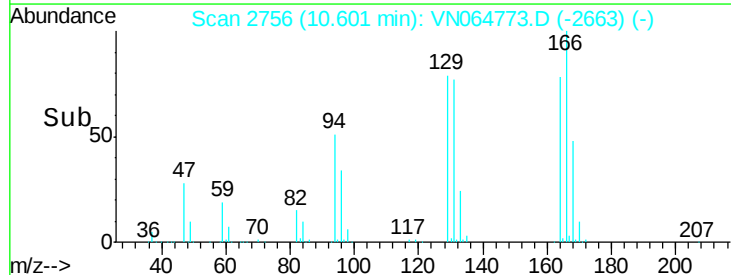
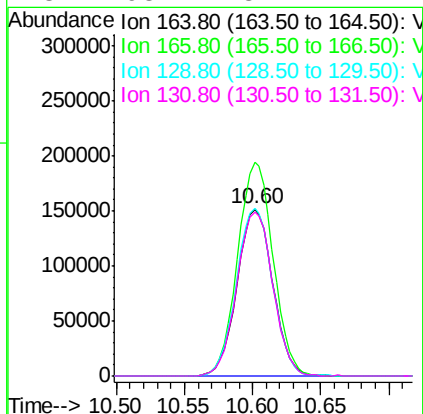
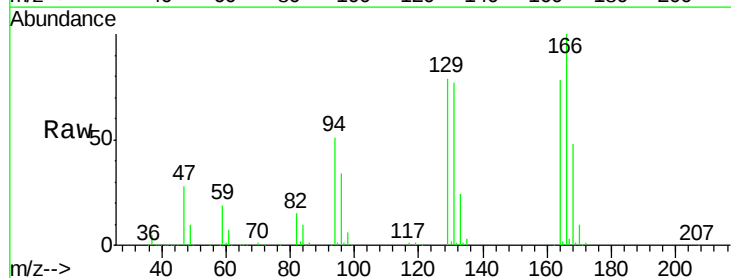
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

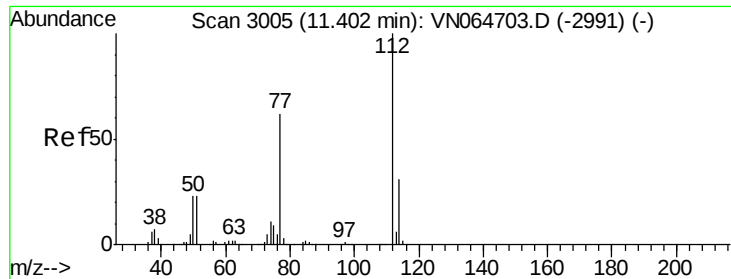
Tgt Ion:117 Resp: 618853
Ion Ratio Lower Upper
117 100
82 56.1 47.0 70.6
119 32.4 25.4 38.2



#64
Tetrachloroethene
Concen: 50.321 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion:164 Resp: 276075
Ion Ratio Lower Upper
164 100
166 128.1 102.2 153.4
129 100.9 84.7 127.1
131 98.7 81.1 121.7

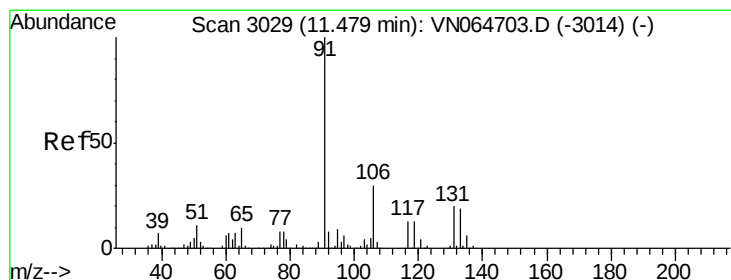
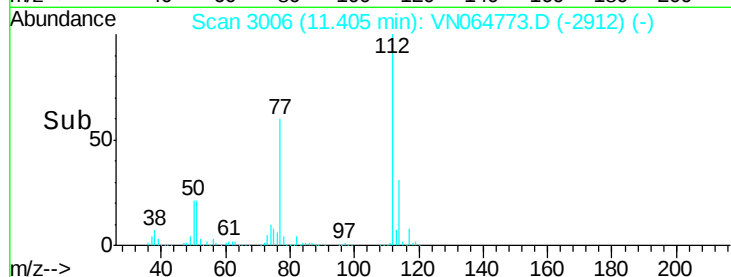
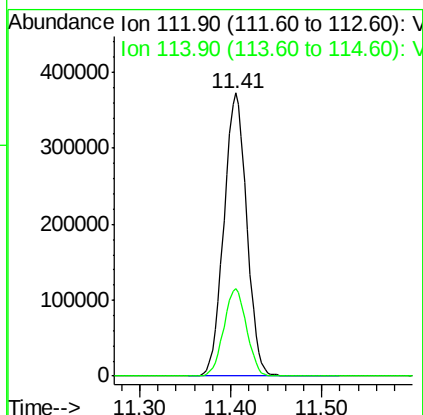
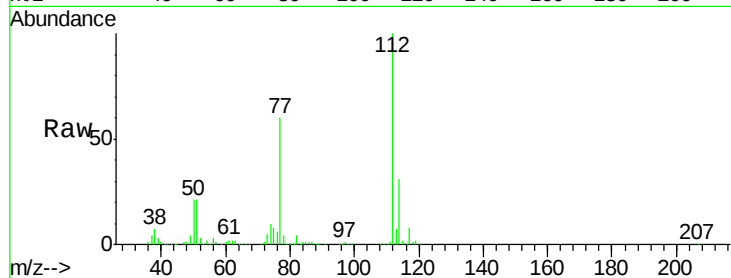




#65
Chlorobenzene
Concen: 49.457 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

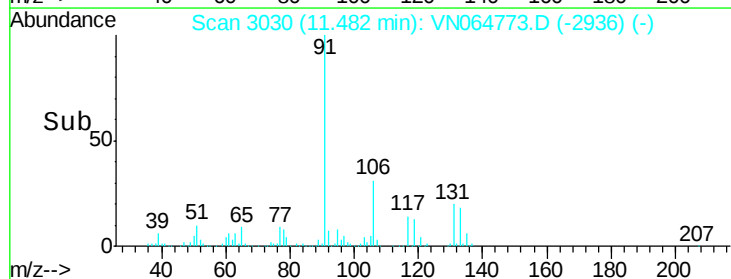
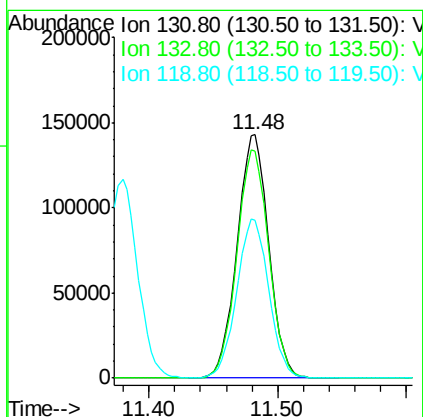
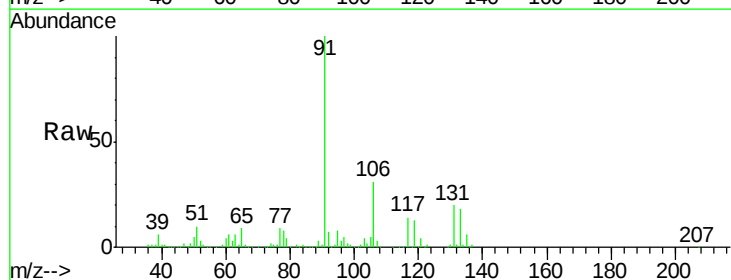
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

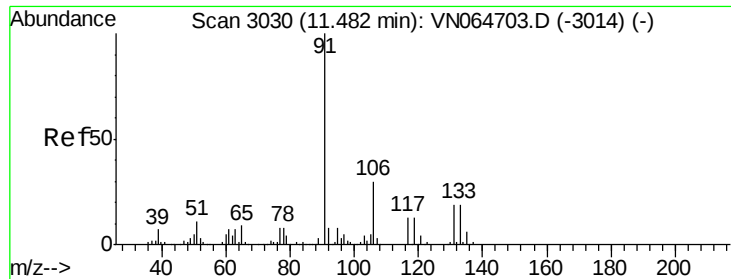
Tgt Ion:112 Resp: 651055
Ion Ratio Lower Upper
112 100
114 31.1 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.563 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion:131 Resp: 243790
Ion Ratio Lower Upper
131 100
133 94.8 48.8 146.4
119 66.2 33.5 100.4

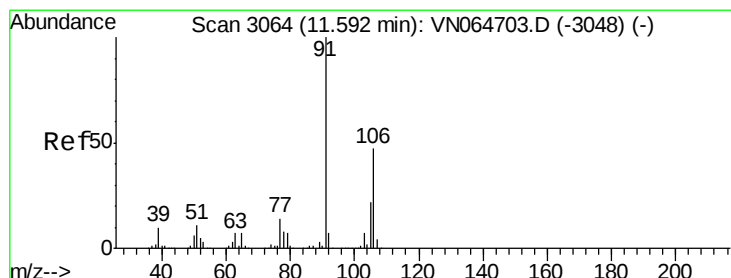
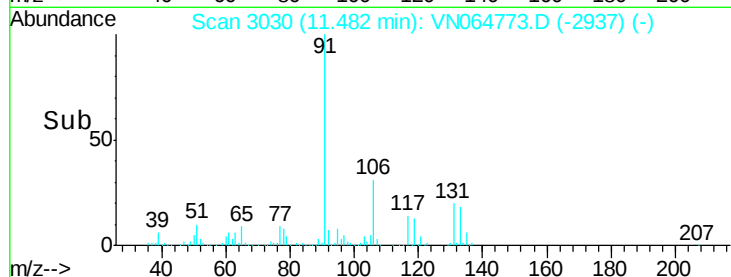
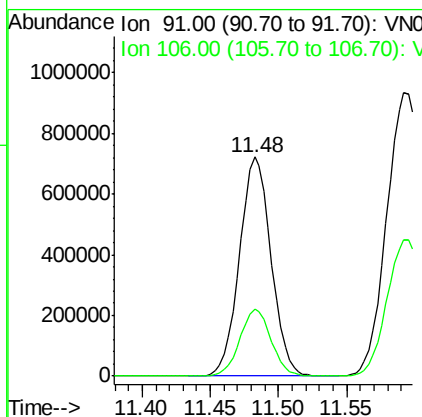
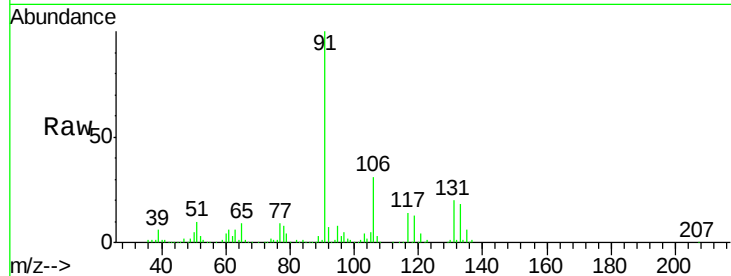




#67
Ethyl Benzene
Concen: 50.021 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

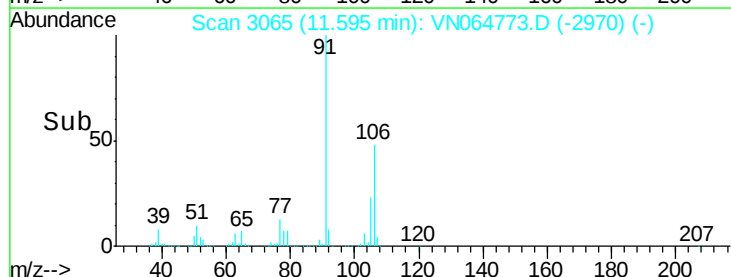
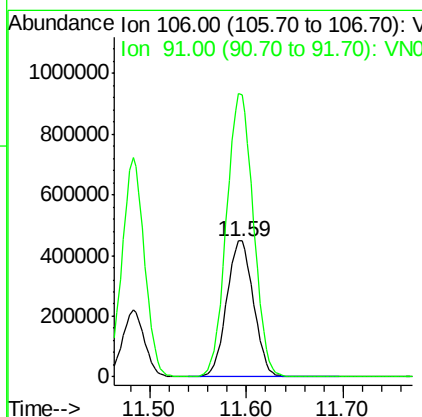
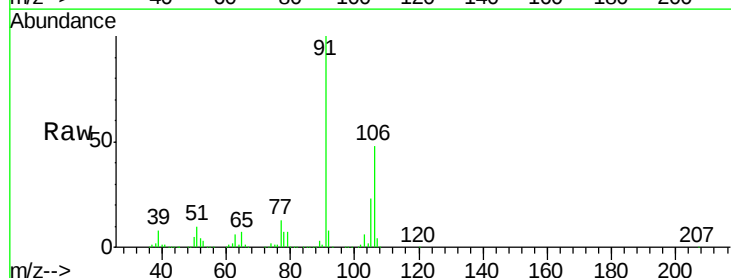
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

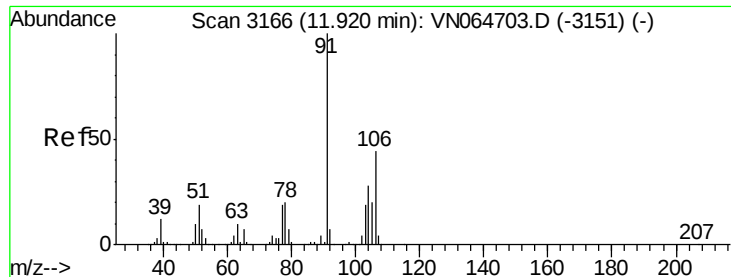
Tgt Ion: 91 Resp: 1161010
Ion Ratio Lower Upper
91 100
106 30.5 23.9 35.9



#68
m/p-Xylenes
Concen: 91.725 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion: 106 Resp: 861209
Ion Ratio Lower Upper
106 100
91 208.3 171.9 257.9

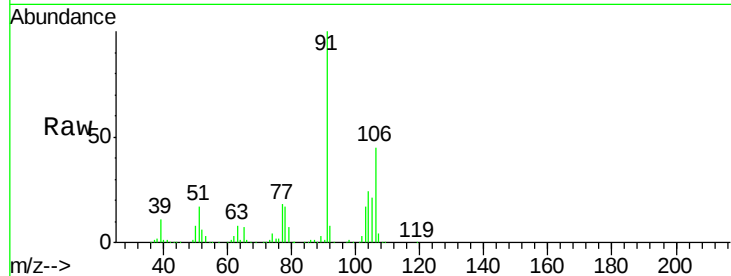




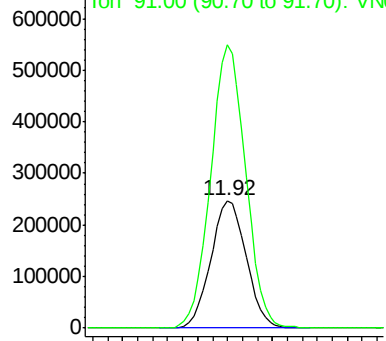
#69
o-Xylene
Concen: 50.175 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

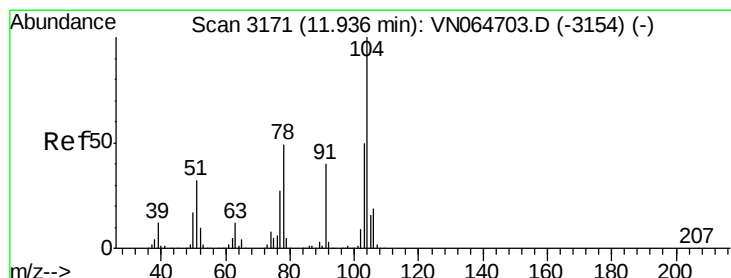
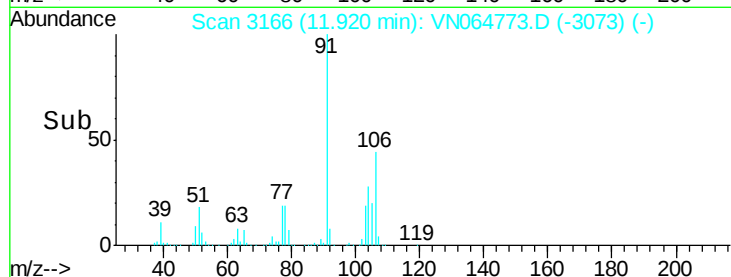
Tgt Ion:106 Resp: 406295
Ion Ratio Lower Upper
106 100
91 219.7 112.1 336.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

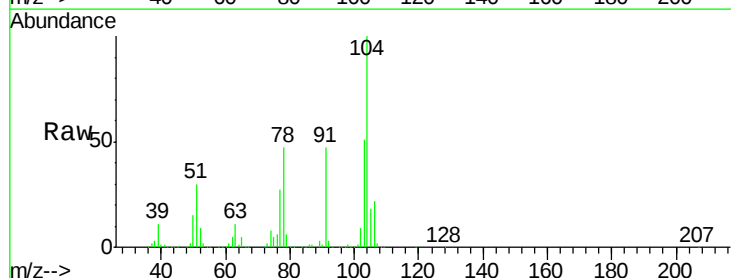


Time-->

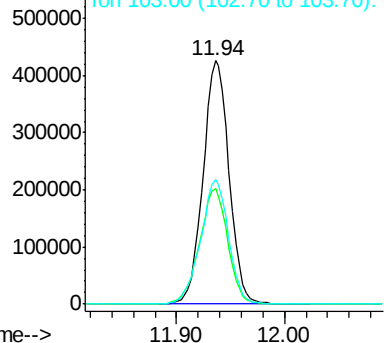


#70
Styrene
Concen: 45.636 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

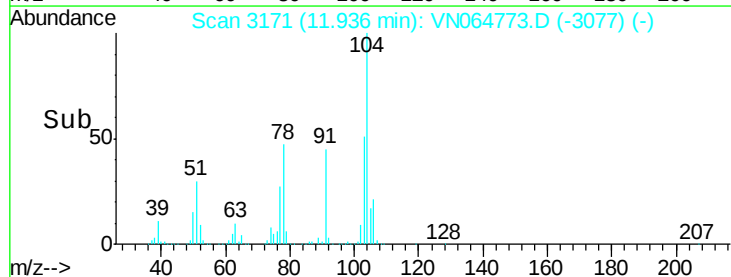
Tgt Ion:104 Resp: 717038
Ion Ratio Lower Upper
104 100
78 51.6 44.1 66.1
103 54.8 43.7 65.5

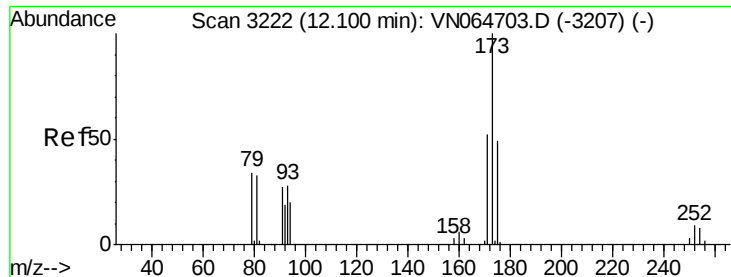


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 44.769 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

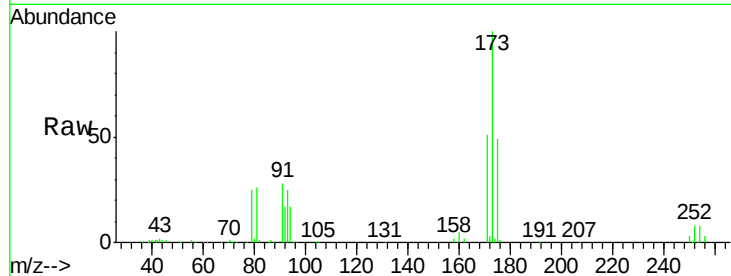
Tgt Ion:173 Resp: 170150

Ion Ratio Lower Upper

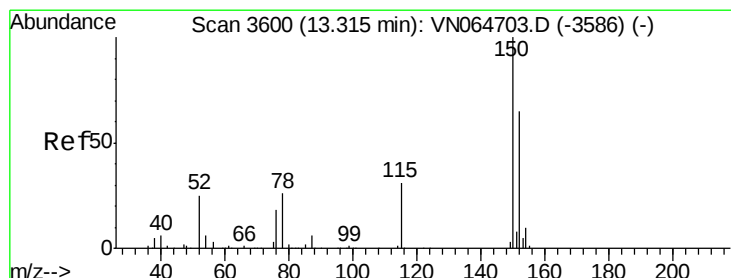
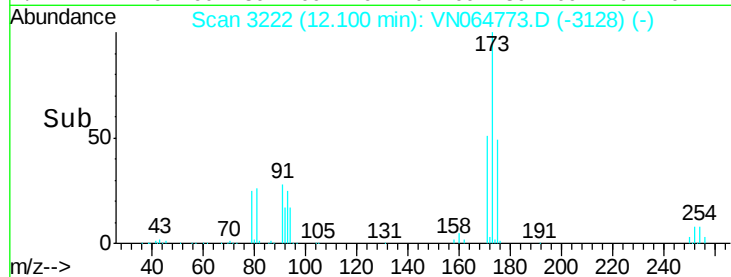
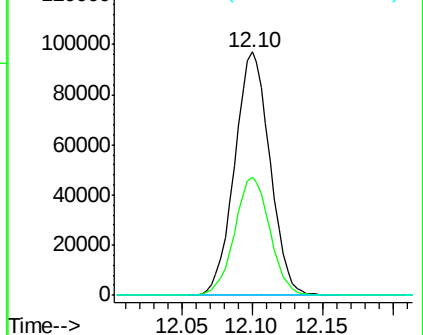
173 100

175 48.5 24.3 72.9

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

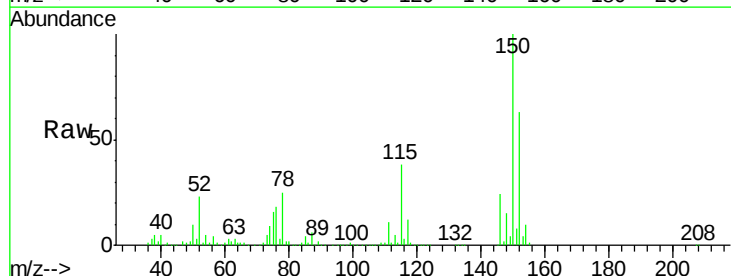
Tgt Ion:152 Resp: 297289

Ion Ratio Lower Upper

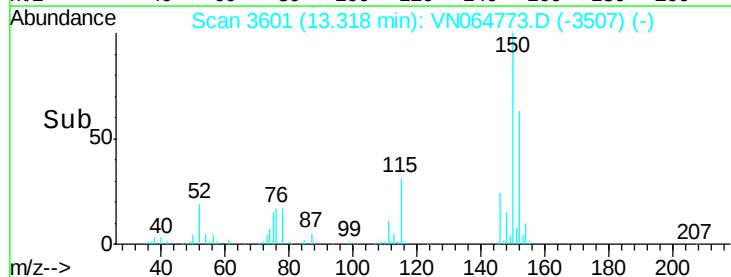
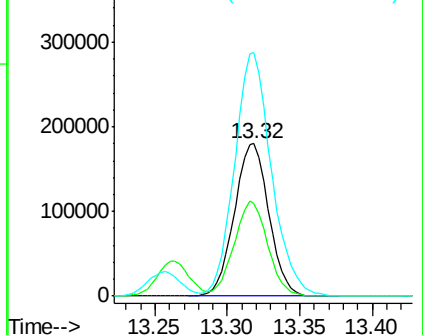
152 100

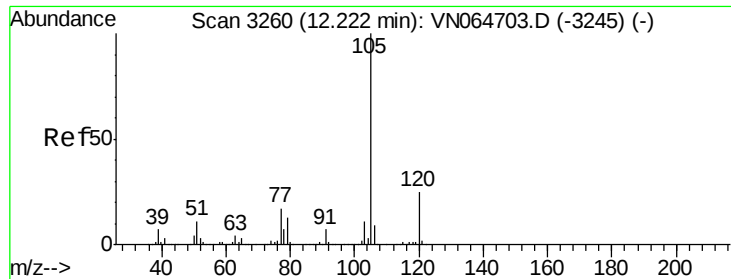
115 60.7 32.1 96.3

150 170.4 0.0 344.8



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: 49.896 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

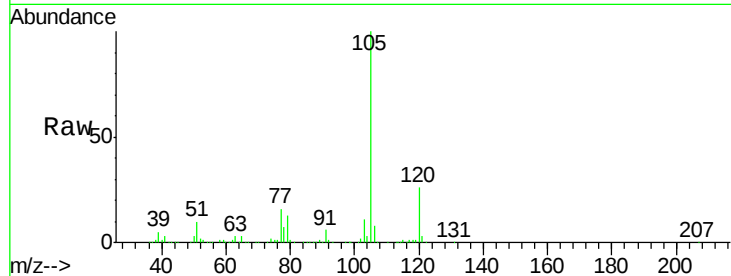
VSTDCCC050EC

Tgt Ion:105 Resp: 1053168

Ion Ratio Lower Upper

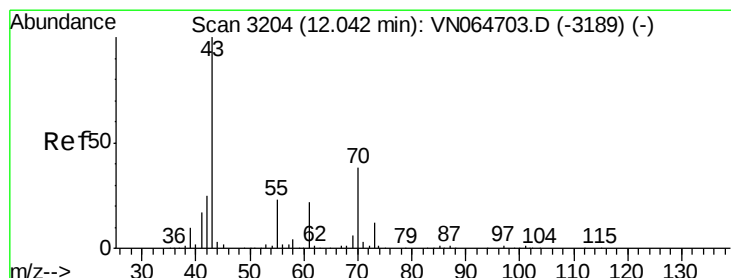
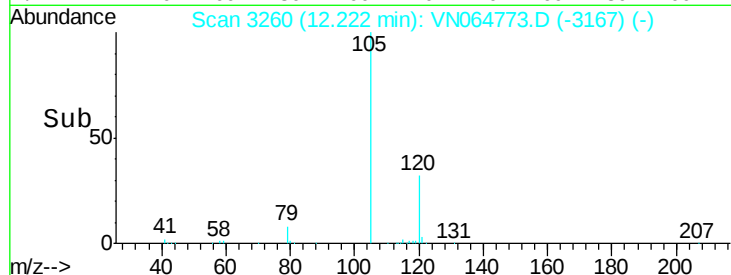
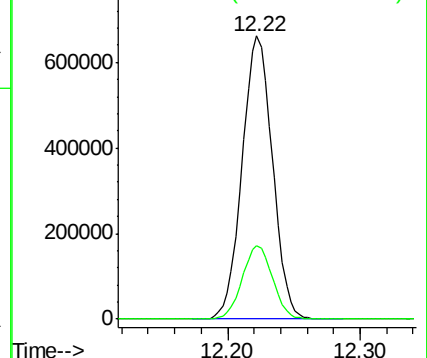
105 100

120 26.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 47.707 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Tgt Ion: 43 Resp: 470269

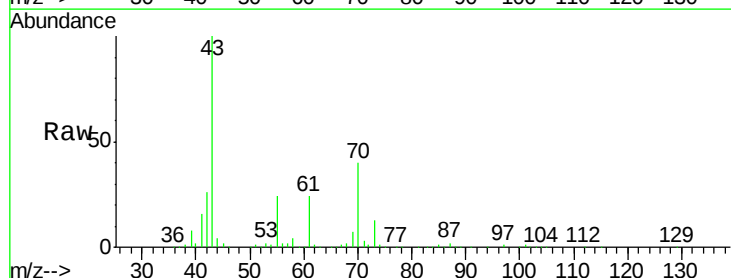
Ion Ratio Lower Upper

43 100

70 40.2 30.3 45.5

55 24.8 18.9 28.3

61 23.6 17.7 26.5

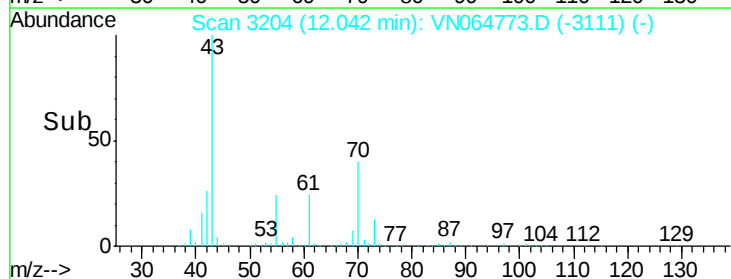
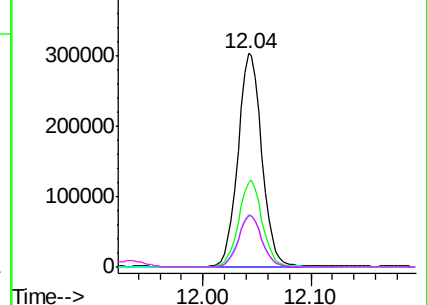


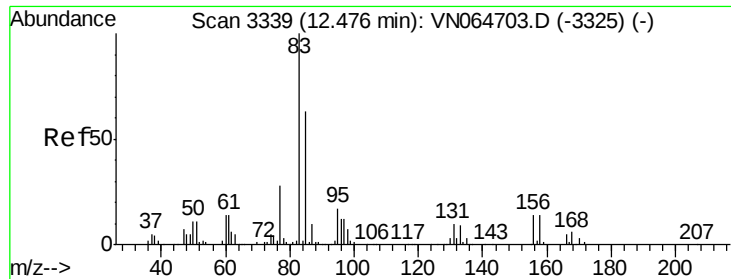
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.225 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

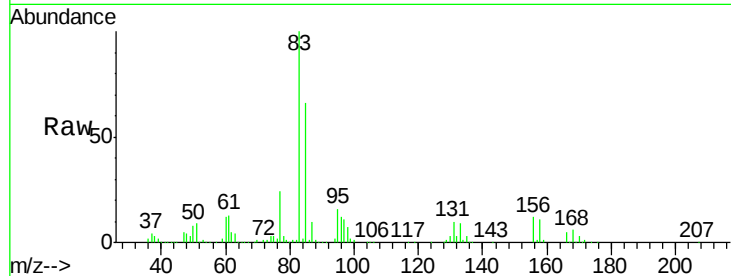
Tgt Ion: 83 Resp: 290493

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

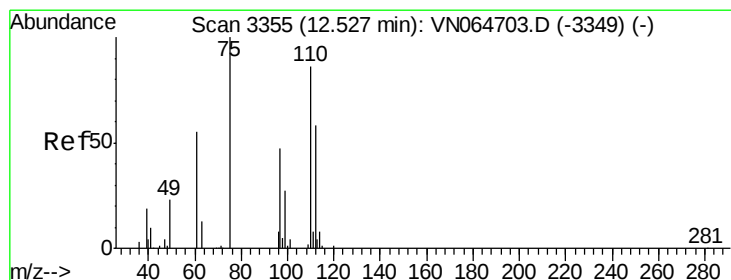
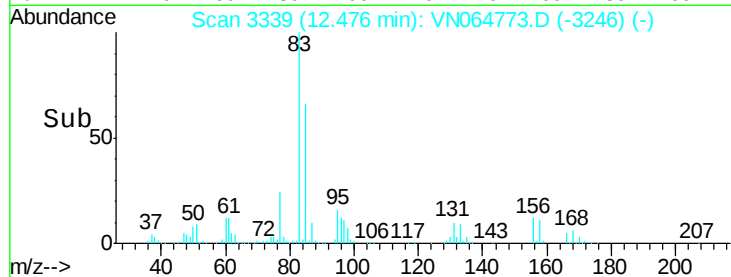
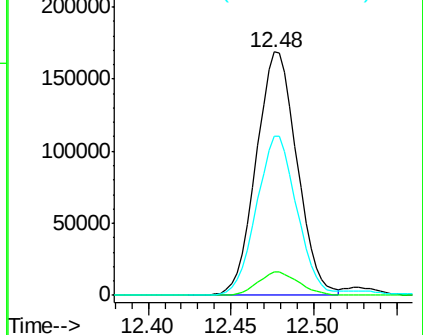
85 64.6 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 68.450 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064773.D

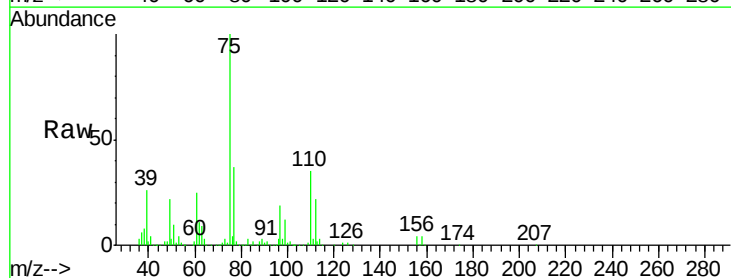
Acq: 20 Nov 2020 10:19

Tgt Ion: 75 Resp: 438462

Ion Ratio Lower Upper

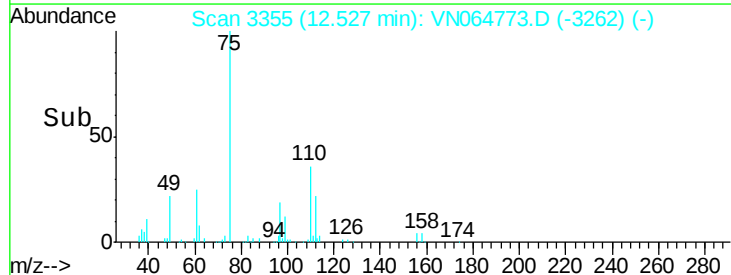
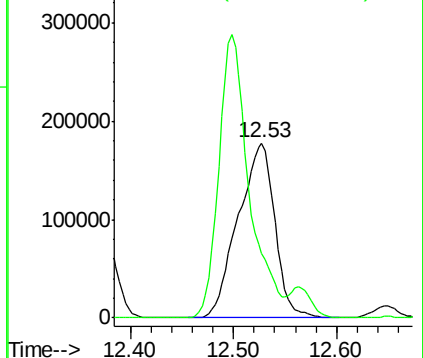
75 100

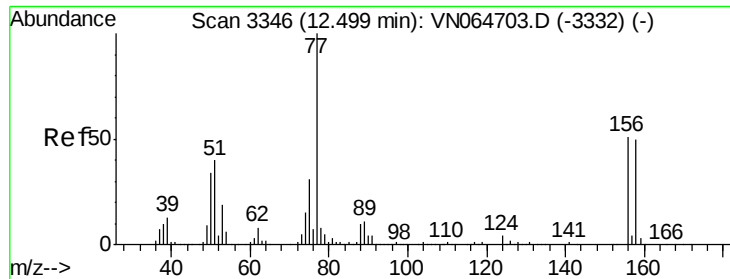
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 49.516 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

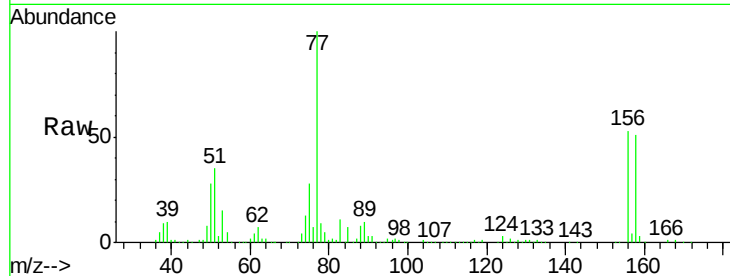
Tgt Ion:156 Resp: 263607

Ion Ratio Lower Upper

156 100

77 223.5 117.3 351.9

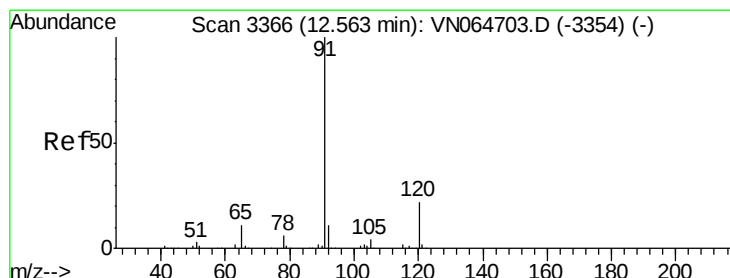
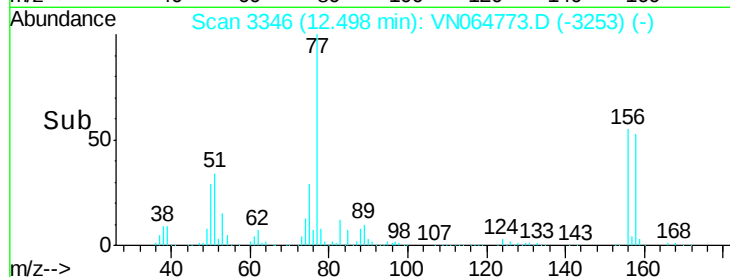
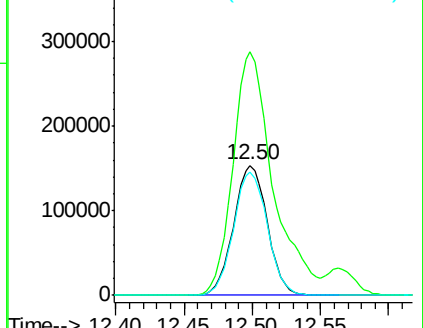
158 95.4 49.0 147.2



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: 49.758 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064773.D

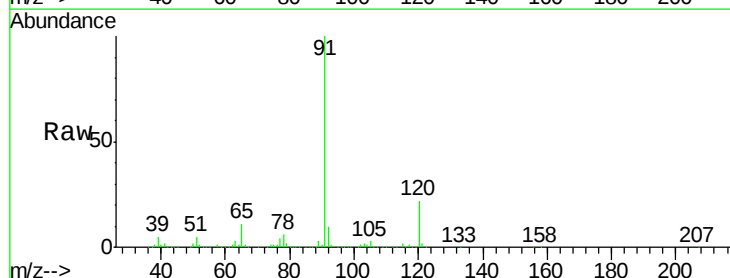
Acq: 20 Nov 2020 10:19

Tgt Ion: 91 Resp: 1223125

Ion Ratio Lower Upper

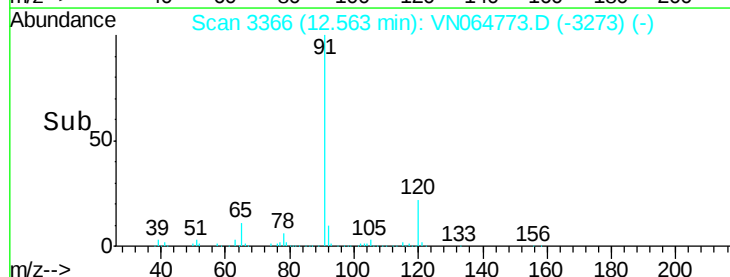
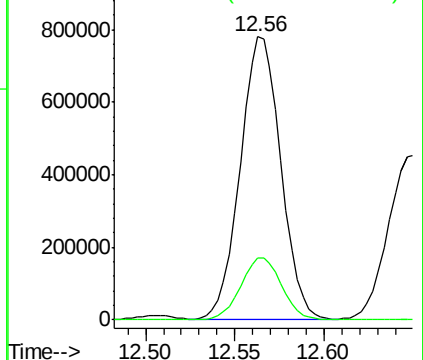
91 100

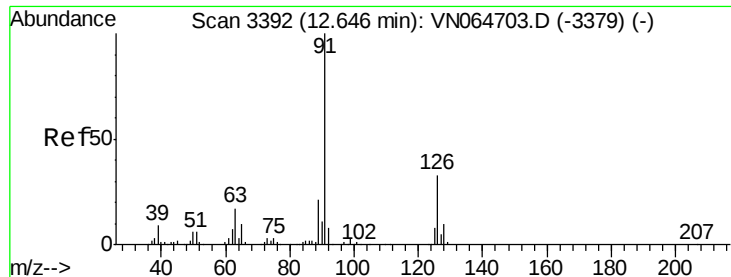
120 22.4 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.800 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

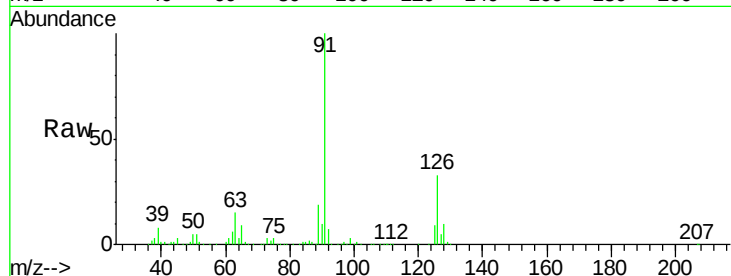
VSTDCCC050EC

Tgt Ion: 91 Resp: 752021

Ion Ratio Lower Upper

91 100

126 33.6 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN064773.D (-3299) (-)

Ion 125.90 (125.60 to 126.60): VN064773.D (-3299) (-)

600000

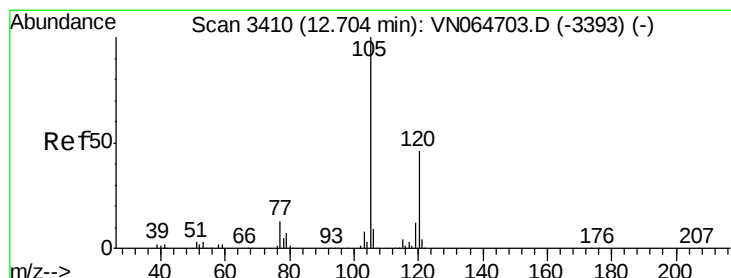
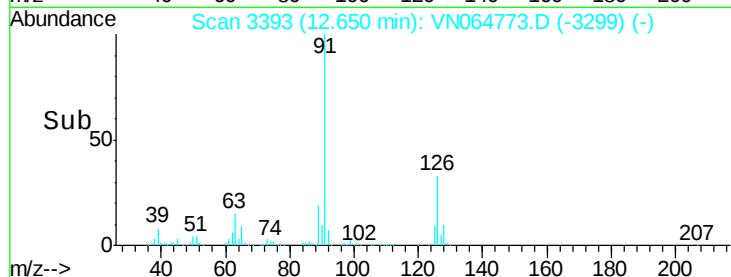
400000

200000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.935 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064773.D

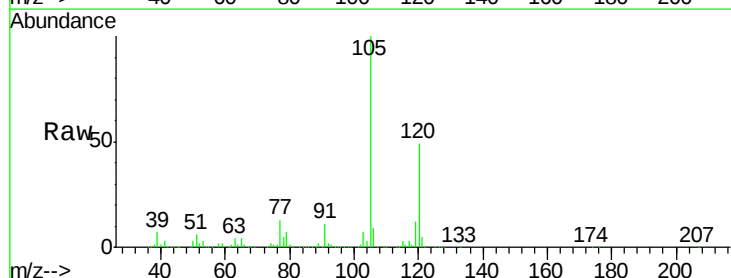
Acq: 20 Nov 2020 10:19

Tgt Ion: 105 Resp: 893094

Ion Ratio Lower Upper

105 100

120 47.9 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN064773.D (-3317) (-)

Ion 120.00 (119.70 to 120.70): VN064773.D (-3317) (-)

600000

500000

400000

300000

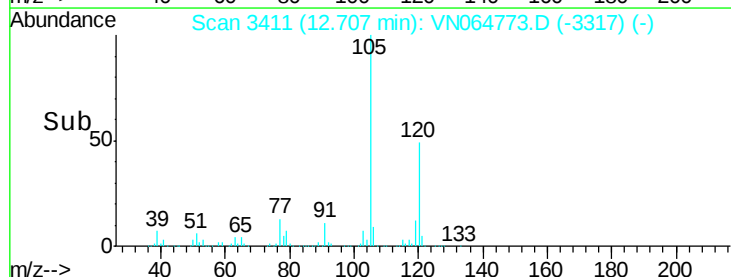
200000

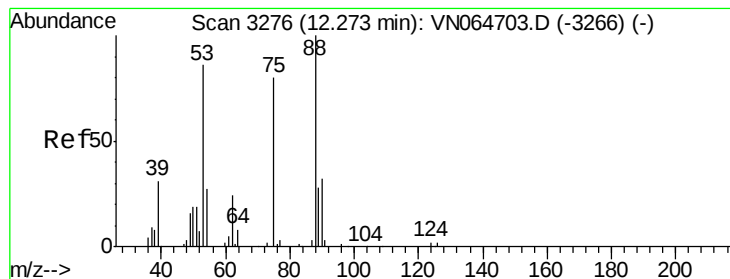
100000

0

12.65 12.70 12.75 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 43.751 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

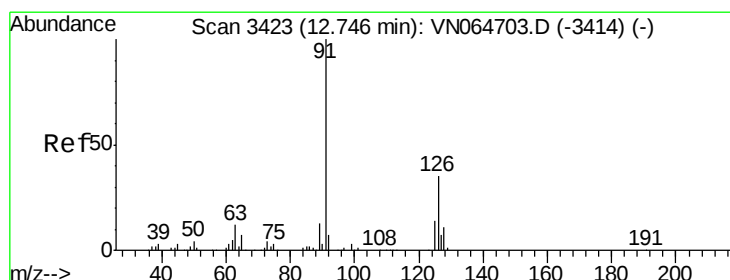
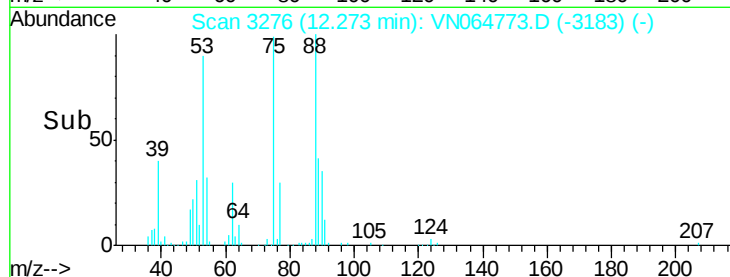
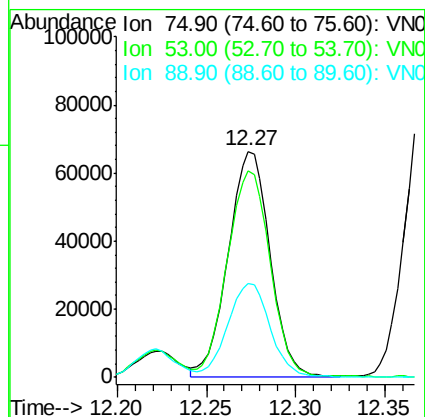
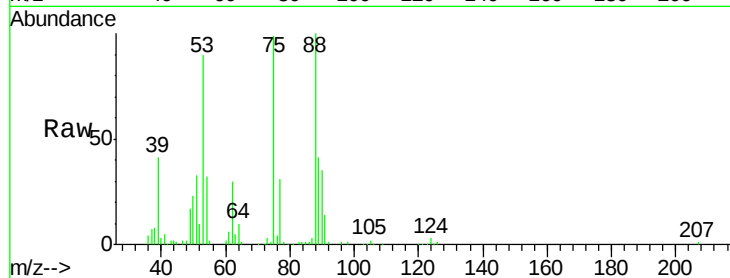
Tgt Ion: 75 Resp: 108259

Ion Ratio Lower Upper

75 100

53 93.9 88.8 133.2

89 42.2 43.1 64.7#



#82

4-Chlorotoluene

Concen: 47.663 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064773.D

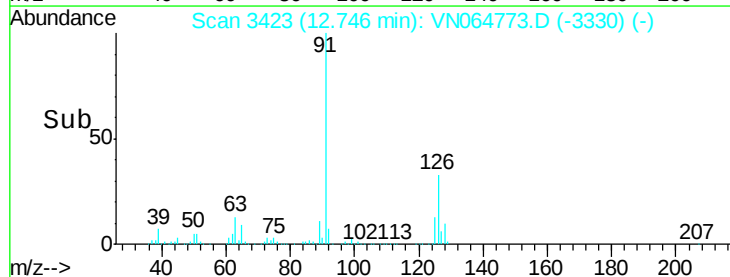
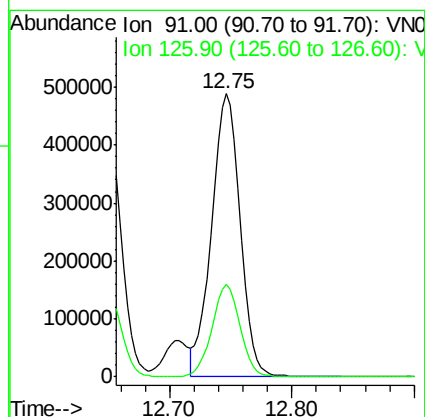
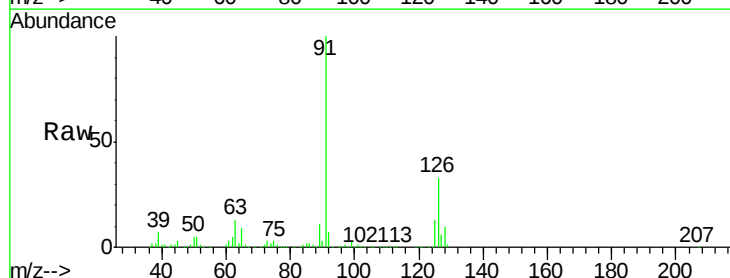
Acq: 20 Nov 2020 10:19

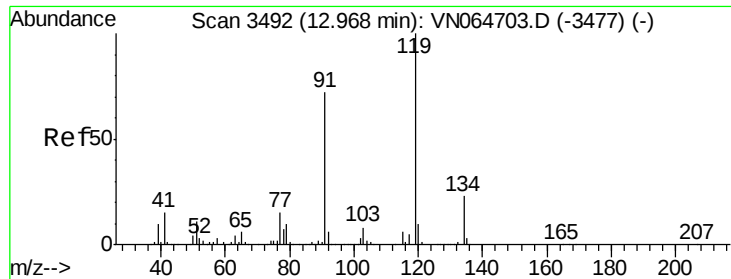
Tgt Ion: 91 Resp: 799581

Ion Ratio Lower Upper

91 100

126 32.0 15.9 47.7

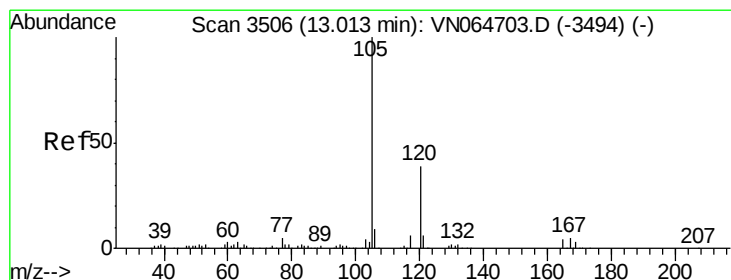
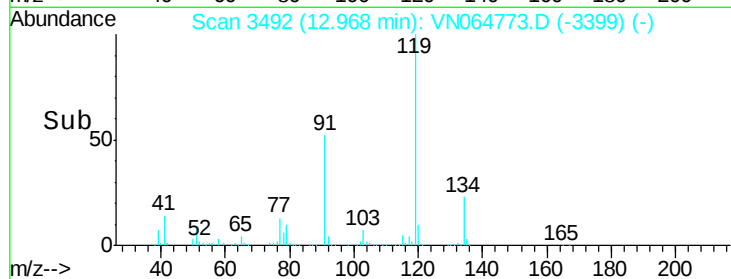
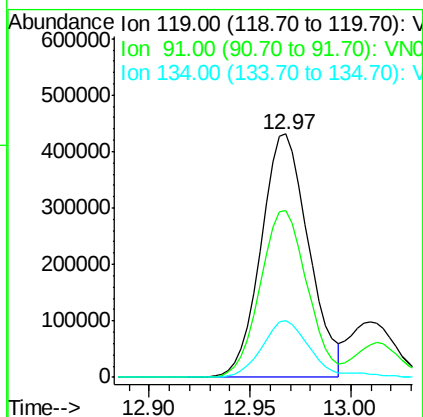
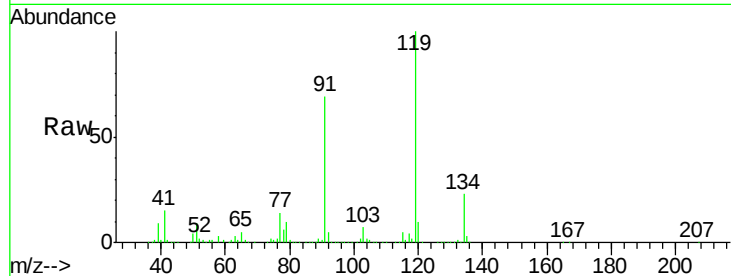




#83
 tert-Butylbenzene
 Concen: 52.205 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

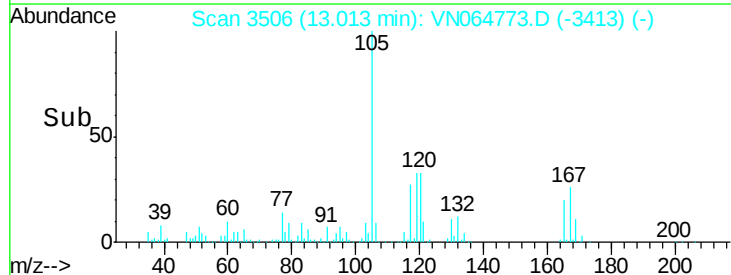
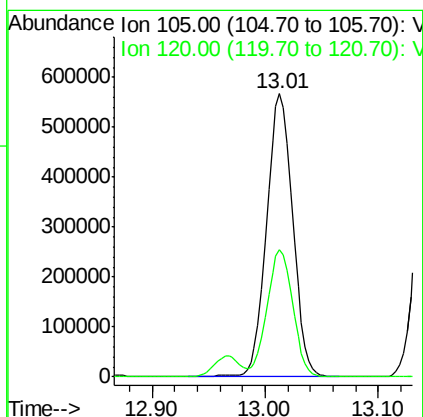
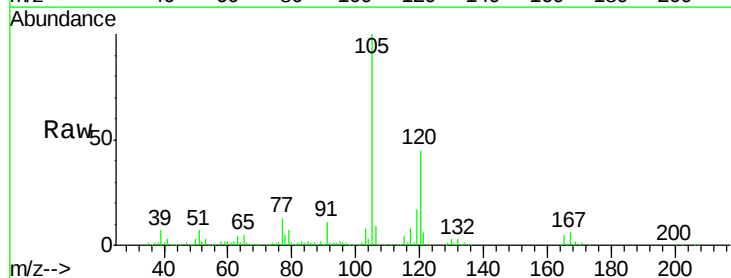
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

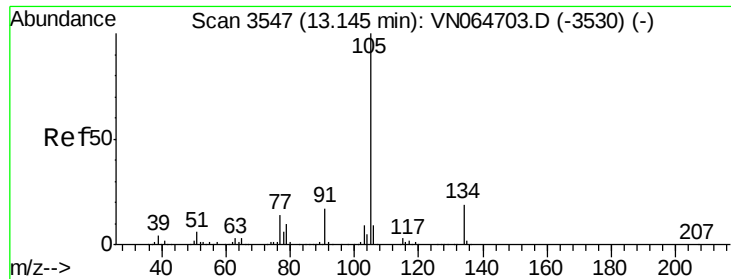
Tgt Ion:119 Resp: 708129
 Ion Ratio Lower Upper
 119 100
 91 67.5 35.8 107.4
 134 24.0 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.613 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion:105 Resp: 905726
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.0 66.0

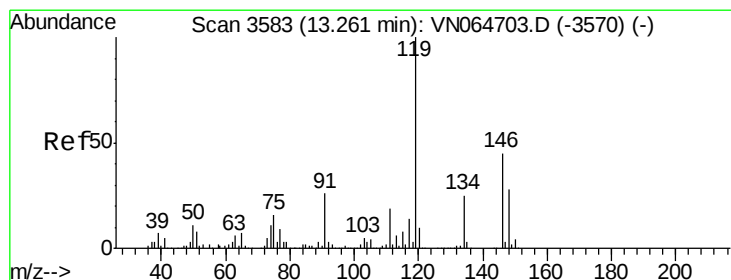
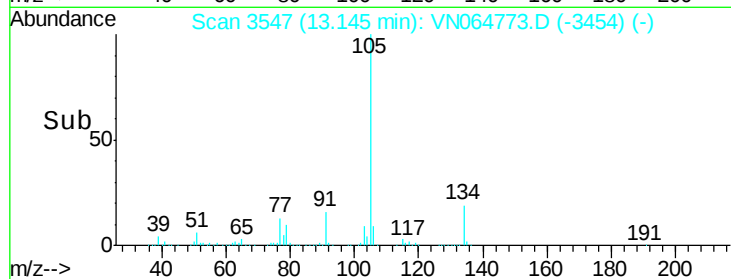
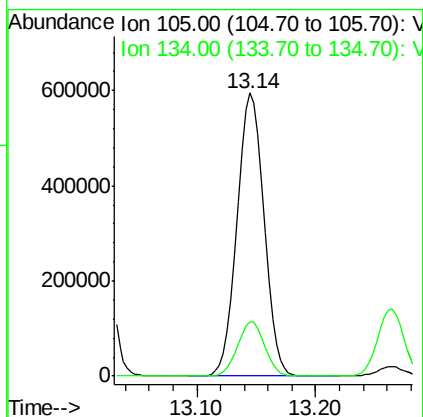
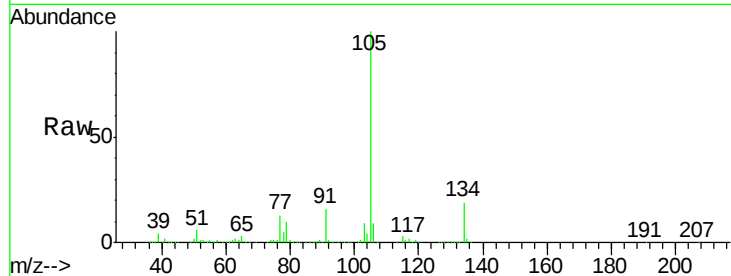




#85
 sec-Butylbenzene
 Concen: 51.632 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

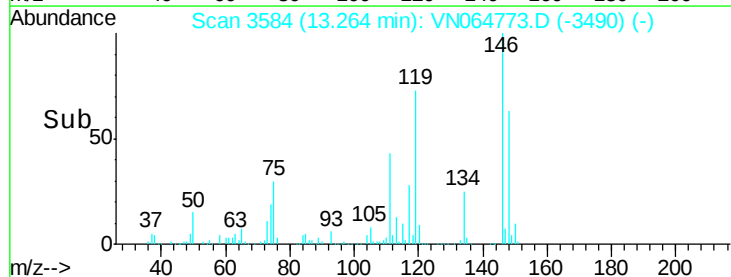
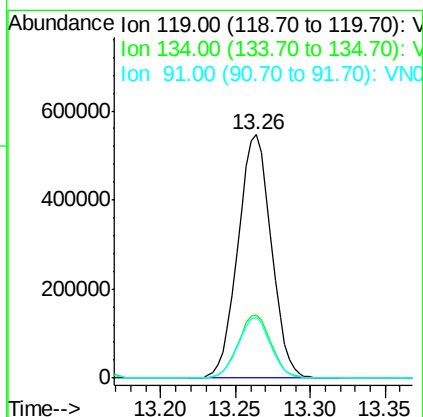
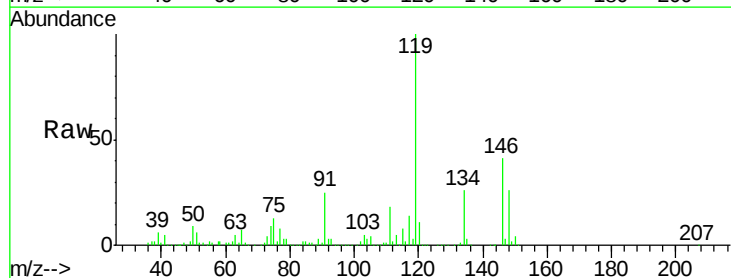
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

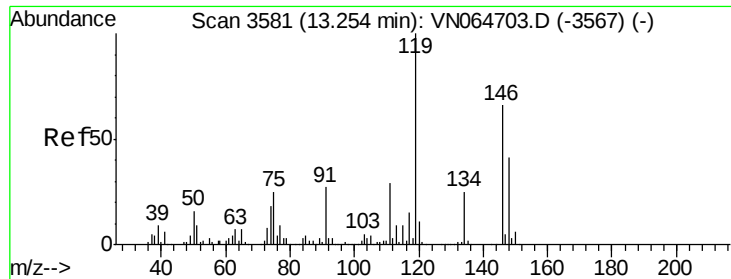
Tgt Ion:105 Resp: 933505
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 50.873 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion:119 Resp: 845911
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.0
 91 24.4 13.3 39.8

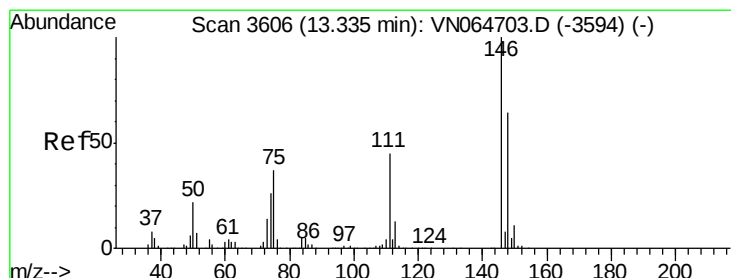
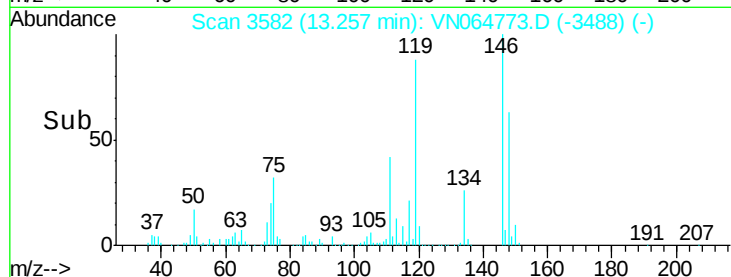
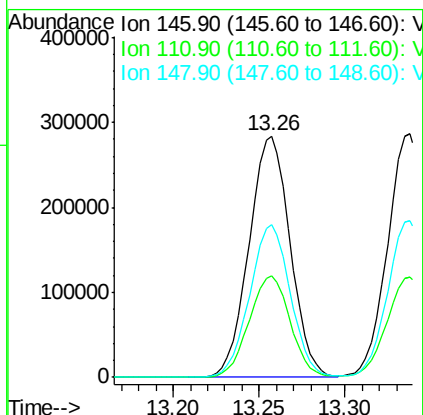
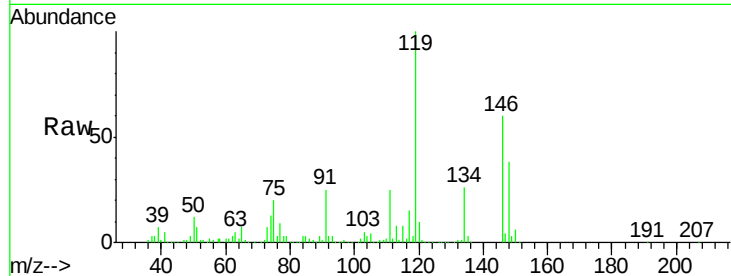




#87
 1,3-Dichlorobenzene
 Concen: 48.490 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

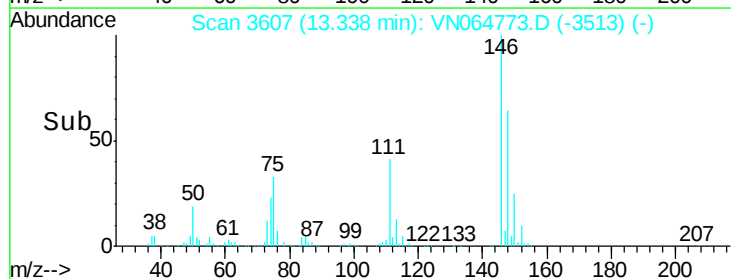
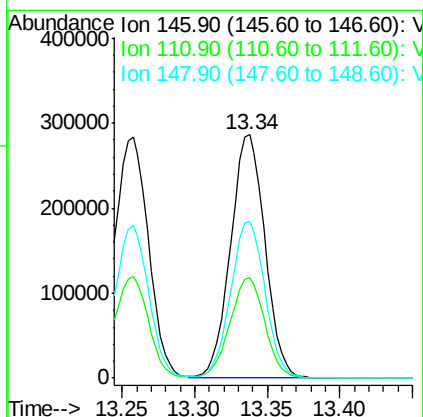
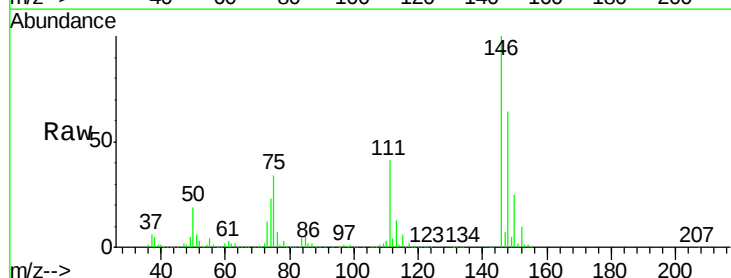
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

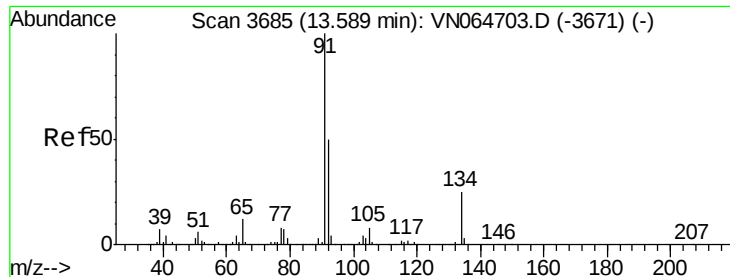
Tgt Ion:146 Resp: 470346
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.8 65.4
 148 62.6 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 47.176 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion:146 Resp: 469789
 Ion Ratio Lower Upper
 146 100
 111 41.7 22.3 66.8
 148 64.4 31.6 94.7





#89

n-Butylbenzene

Concen: 47.645 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

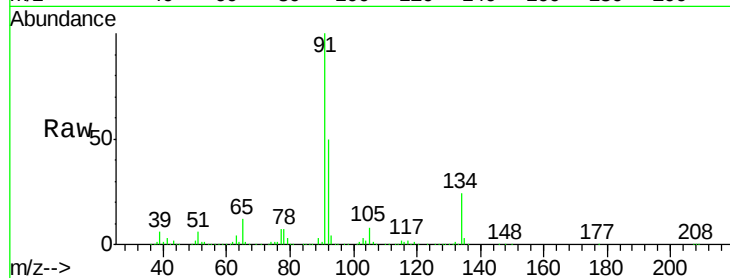
Tgt Ion: 91 Resp: 739586

Ion Ratio Lower Upper

91 100

92 50.8 24.9 74.8

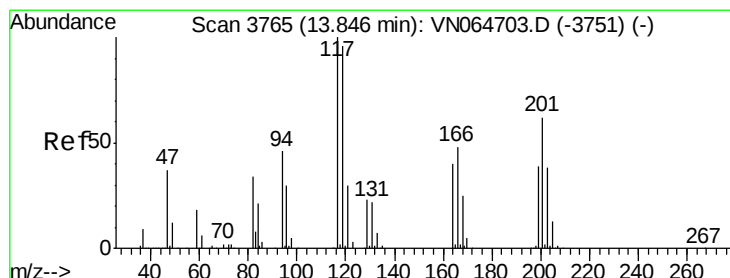
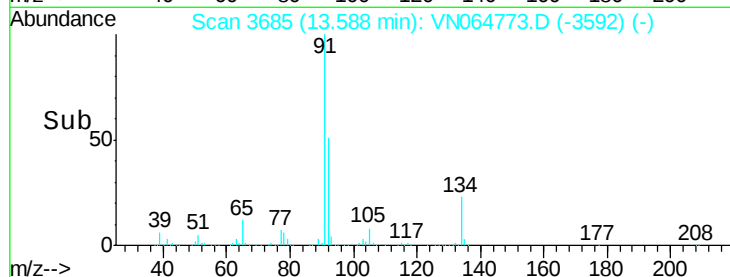
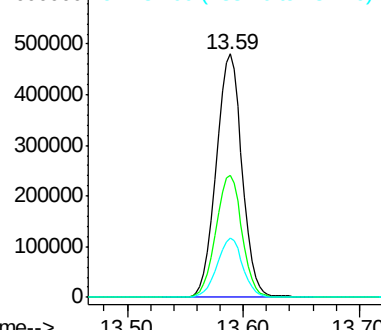
134 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 52.522 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN064773.D

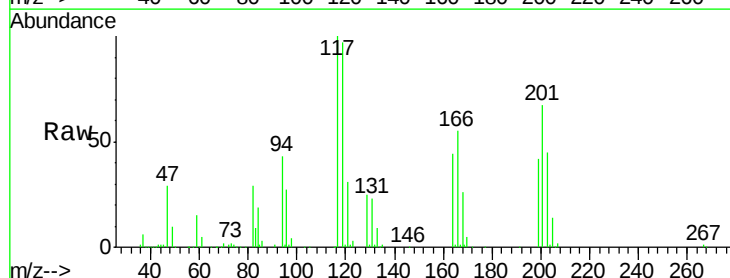
Acq: 20 Nov 2020 10:19

Tgt Ion: 117 Resp: 144374

Ion Ratio Lower Upper

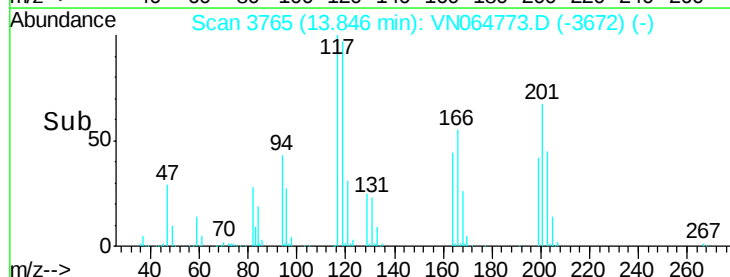
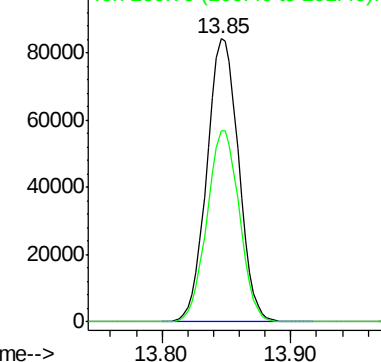
117 100

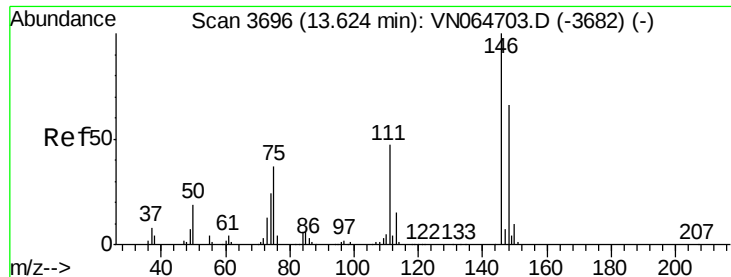
201 68.6 31.9 95.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

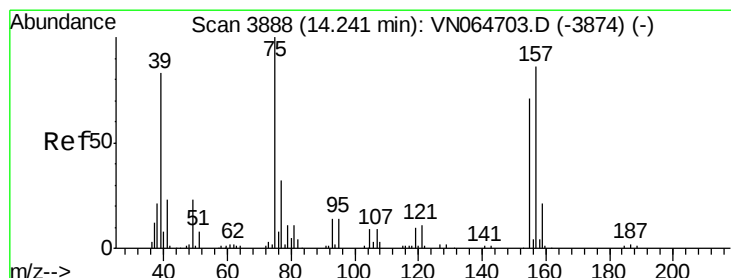
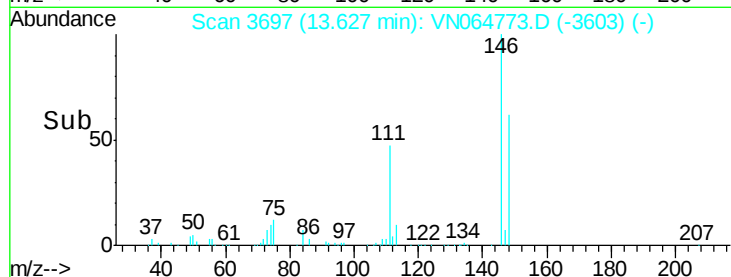
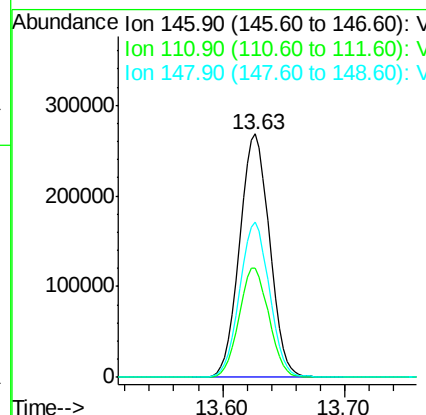
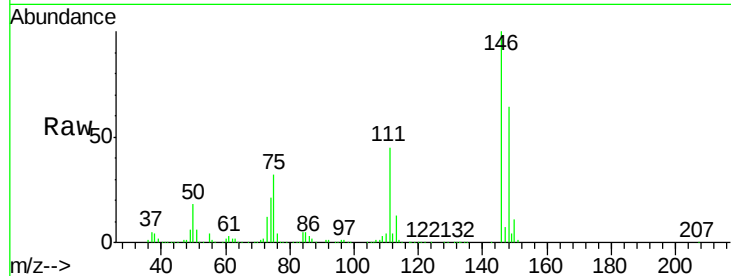




#91
 1,2-Dichlorobenzene
 Concen: 48.152 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

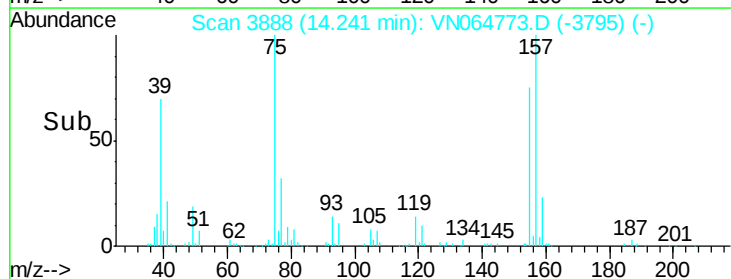
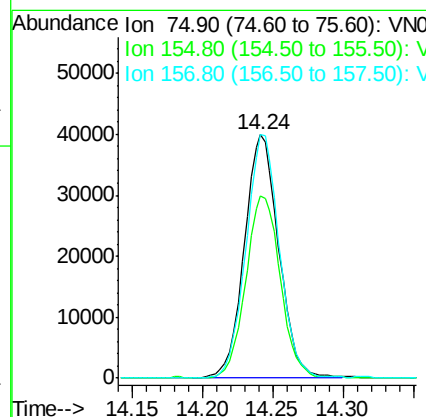
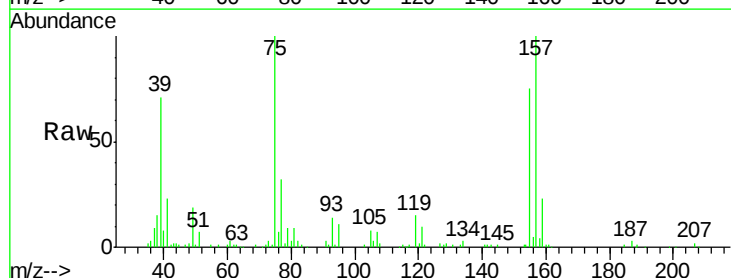
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

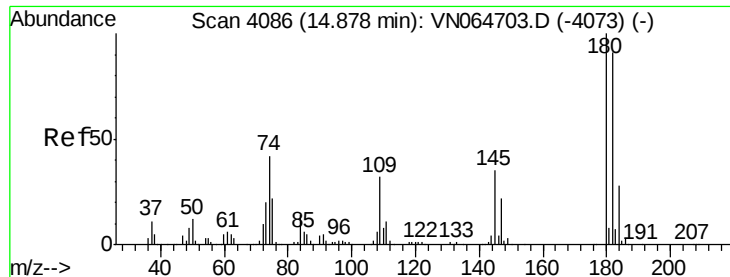
Tgt Ion:146 Resp: 456500
 Ion Ratio Lower Upper
 146 100
 111 44.7 23.1 69.3
 148 63.4 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.129 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion: 75 Resp: 68338
 Ion Ratio Lower Upper
 75 100
 155 74.7 33.6 100.6
 157 97.3 42.4 127.2

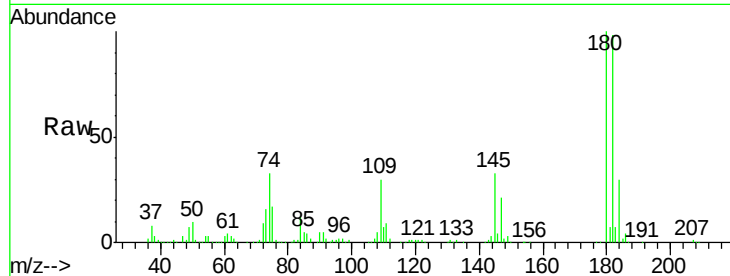




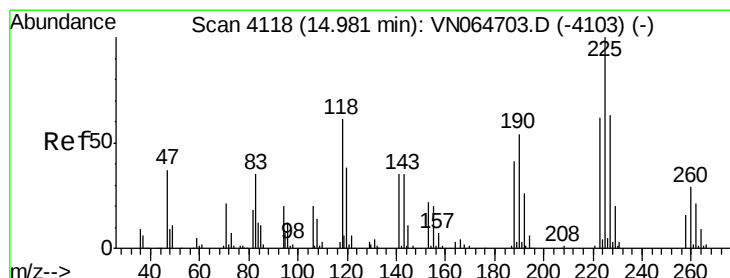
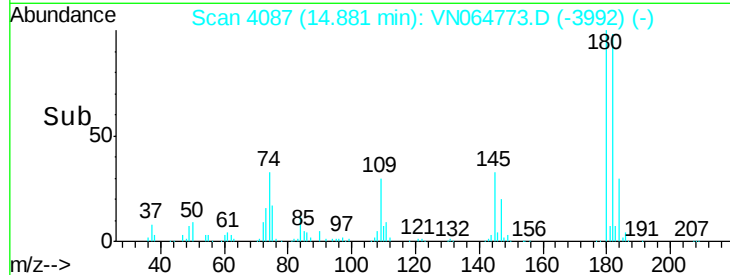
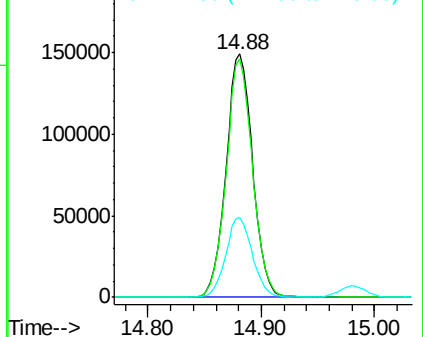
#93
 1,2,4-Trichlorobenzene
 Concen: 47.365 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.3	141.8
145	32.9	17.5	52.5

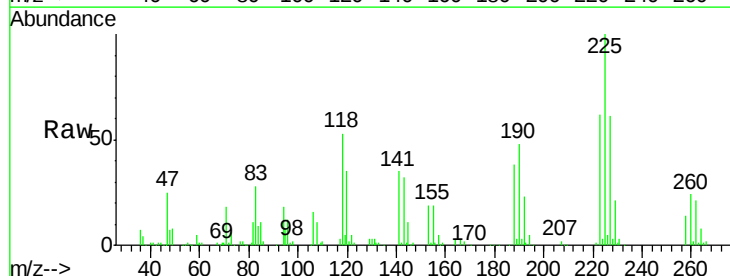


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

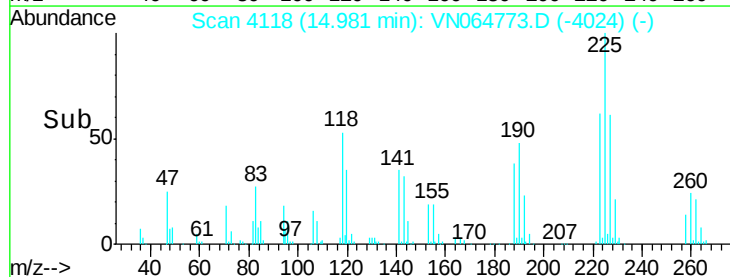
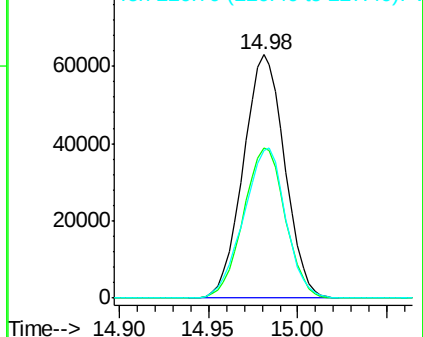


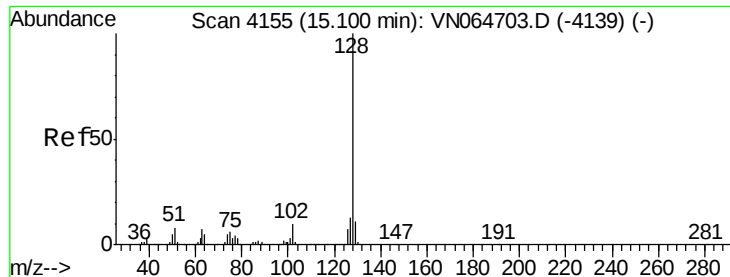
#94
 Hexachlorobutadiene
 Concen: 48.357 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.2	93.6
227	62.5	32.1	96.3



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

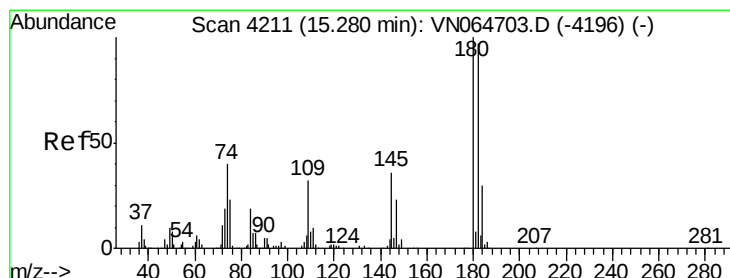
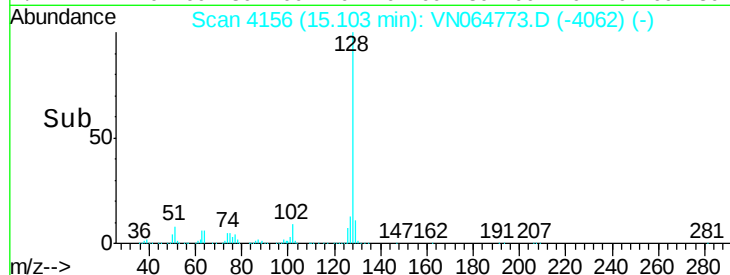
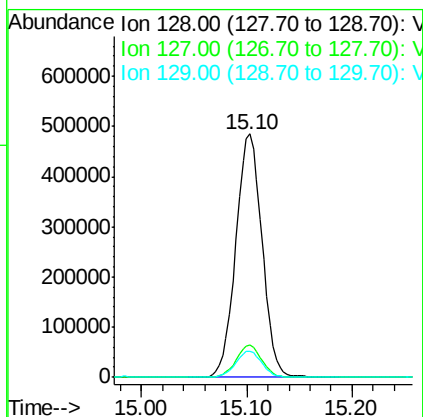
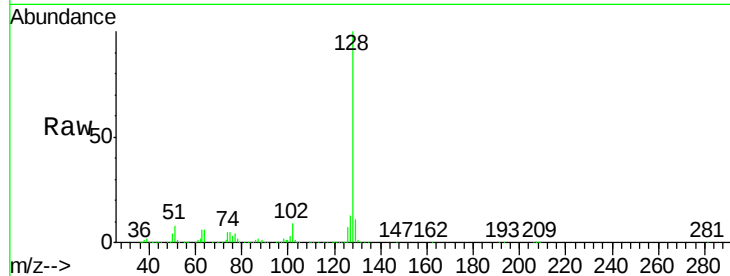




#95
Naphthalene
Concen: 50.041 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 836144
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 48.766 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion:180 Resp: 241114
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.5
145 34.4 18.1 54.1

