

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102820\
 Data File : VN064363.D
 Acq On : 28 Oct 2020 19:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 29 02:45:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	264937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	432453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	398757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	177330	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	203087	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
35) Dibromofluoromethane	7.55	113	143031	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	10.06	98	501189	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
62) 4-Bromofluorobenzene	12.38	95	194699	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	144948	47.595	ug/l	98
3) Chloromethane	2.04	50	148132	44.996	ug/l	97
4) Vinyl Chloride	2.16	62	152154	47.782	ug/l	99
5) Bromomethane	2.51	94	66776	32.454	ug/l	99
6) Chloroethane	2.66	64	94246	49.532	ug/l	96
7) Trichlorofluoromethane	2.98	101	249104	46.696	ug/l	95
8) Diethyl Ether	3.37	74	86138	51.043	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	125135	46.671	ug/l	97
10) Methyl Iodide	3.91	142	111667	31.210	ug/l	99
11) Tert butyl alcohol	4.73	59	122923	198.890	ug/l	95
12) 1,1-Dichloroethene	3.69	96	125227	49.474	ug/l	99
13) Acrolein	3.56	56	28922	218.072	ug/l	96
14) Allyl chloride	4.27	41	247307	47.850	ug/l	99
15) Acrylonitrile	4.93	53	323501	243.400	ug/l	97
16) Acetone	3.78	43	305722	209.434	ug/l	99
17) Carbon Disulfide	4.01	76	339858	45.382	ug/l	99
18) Methyl Acetate	4.28	43	153884	48.115	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	488426	50.222	ug/l	98
20) Methylene Chloride	4.50	84	144870	47.980	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	136142	48.215	ug/l	95
22) Diisopropyl ether	5.90	45	500699	49.564	ug/l	99
23) Vinyl Acetate	5.84	43	2197842	257.160	ug/l	99
24) 1,1-Dichloroethane	5.80	63	272972	48.289	ug/l	99
25) 2-Butanone	6.78	43	487286	227.949	ug/l	99
26) 2,2-Dichloropropane	6.78	77	240555	43.481	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	161953	50.117	ug/l	98
28) Bromochloromethane	7.15	49	132315	49.128	ug/l	98
29) Tetrahydrofuran	7.16	42	325519	234.561	ug/l	100
30) Chloroform	7.33	83	297070	49.234	ug/l	99
31) Cyclohexane	7.61	56	196005	39.667	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	271067	46.784	ug/l	99
36) 1,1-Dichloropropene	7.75	75	207190	47.472	ug/l	99
37) Ethyl Acetate	6.88	43	202295	45.887	ug/l	96
38) Carbon Tetrachloride	7.73	117	249453	49.300	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	166218	38.409	ug/l	99
40) Benzene	8.00	78	581669	47.880	ug/l	99
41) Methacrylonitrile	7.12	41	97929	44.749	ug/l	99
42) 1,2-Dichloroethane	8.08	62	259768	49.500	ug/l	100
43) Isopropyl Acetate	8.13	43	384231	50.986	ug/l #	89
44) Trichloroethene	8.80	130	155364	48.819	ug/l	97
45) 1,2-Dichloropropane	9.08	63	156141	47.996	ug/l	99
46) Dibromomethane	9.17	93	112922	49.617	ug/l	97
47) Bromodichloromethane	9.37	83	241469	47.875	ug/l	97
48) Methyl methacrylate	9.16	41	191580	49.273	ug/l	99
49) 1,4-Dioxane	9.16	88	38903	678.837	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1089369	248.682	ug/l	100
52) Toluene	10.13	92	369834	48.243	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	268413	50.331	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	269391	49.072	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	153477	50.719	ug/l	98
56) Ethyl methacrylate	10.40	69	235839	51.485	ug/l	99
57) 1,3-Dichloropropane	10.68	76	261431	50.647	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	569614	227.878	ug/l	98
59) 2-Hexanone	10.72	43	793791	246.038	ug/l	99
60) Dibromochloromethane	10.87	129	187518	52.411	ug/l	98
61) 1,2-Dibromoethane	10.98	107	160034	51.903	ug/l	96
64) Tetrachloroethene	10.60	164	134041	40.899	ug/l	98
65) Chlorobenzene	11.41	112	397900	49.220	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	162375	49.694	ug/l	98
67) Ethyl Benzene	11.48	91	699313	46.529	ug/l	98
68) m/p-Xylenes	11.59	106	518225	93.042	ug/l	98
69) o-Xylene	11.92	106	255563	47.626	ug/l	96
70) Styrene	11.94	104	440448	50.062	ug/l	99
71) Bromoform	12.10	173	129301	50.420	ug/l #	98
73) Isopropylbenzene	12.22	105	628670	47.334	ug/l	100
74) N-amyl acetate	12.05	43	331542	56.713	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	205576	53.250	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	298580	70.311	ug/l #	100
77) Bromobenzene	12.50	156	169187	52.021	ug/l	99
78) n-propylbenzene	12.57	91	699525	46.522	ug/l	100
79) 2-Chlorotoluene	12.65	91	460300	47.888	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	524263	46.650	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	76326	51.773	ug/l	98
82) 4-Chlorotoluene	12.75	91	479241	48.942	ug/l	99
83) tert-Butylbenzene	12.97	119	414449	44.942	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	525355	46.785	ug/l	97
85) sec-Butylbenzene	13.14	105	511848	42.891	ug/l	99
86) p-Isopropyltoluene	13.26	119	472219	43.923	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	278579	48.929	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	274507	47.338	ug/l	99
89) n-Butylbenzene	13.59	91	404040	42.660	ug/l	97
90) Hexachloroethane	13.85	117	89782	44.466	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	275519	48.674	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	48979	51.130	ug/l	94

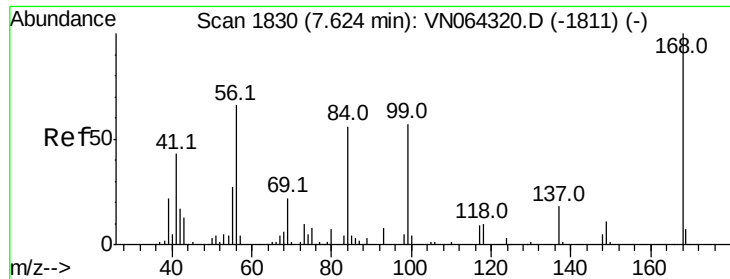
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	134643	41.735	ug/l	98
94) Hexachlorobutadiene	14.98	225	66278	38.155	ug/l	98
95) Naphthalene	15.10	128	415362	41.844	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	127202	40.976	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

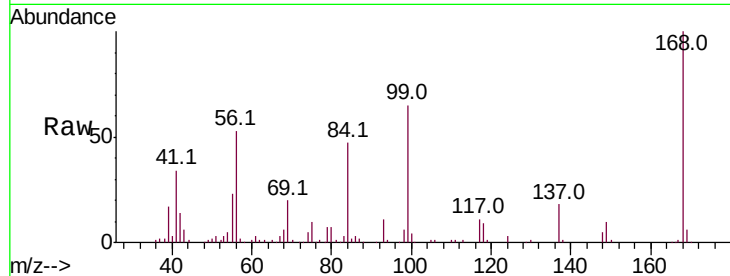
VSTDCCC050EC

Tot Ion:168 Resp: 264937

Ion Ratio Lower Upper

168 100

99 65.1 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

120000

100000

80000

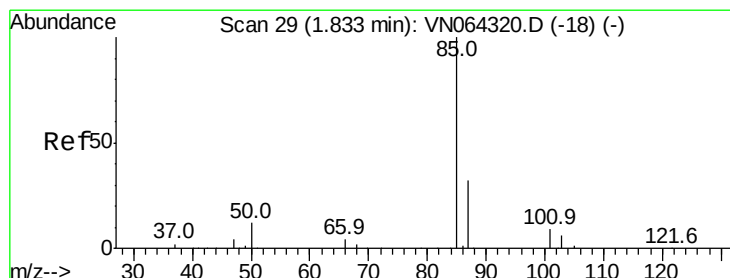
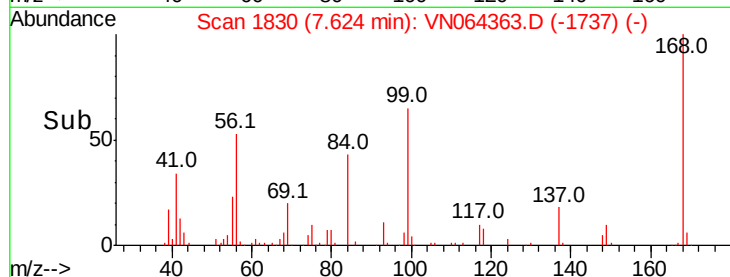
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.595 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064363.D

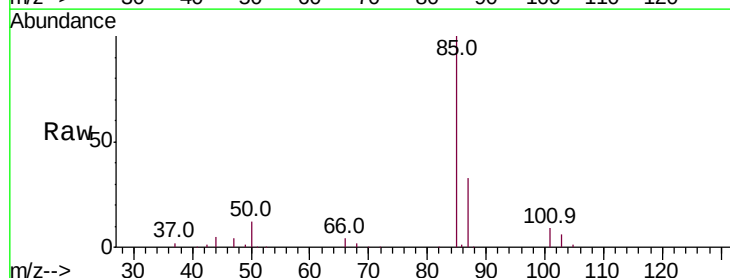
Acq: 28 Oct 2020 19:31

Tgt Ion: 85 Resp: 144948

Ion Ratio Lower Upper

85 100

87 33.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

120000

100000

80000

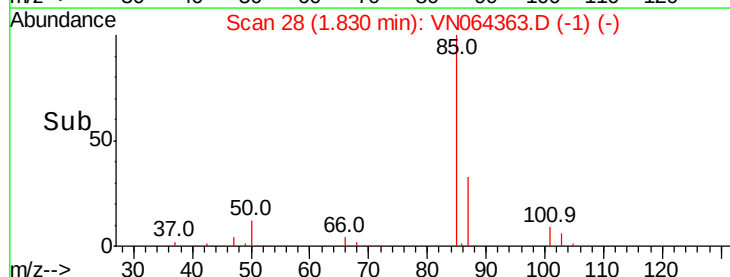
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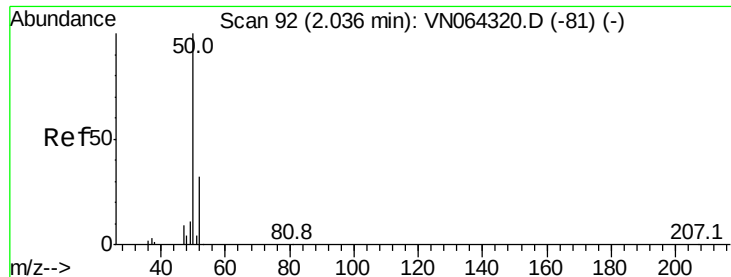
40000

20000

0

Time-->





#3

Chloromethane

Concen: 44.996 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

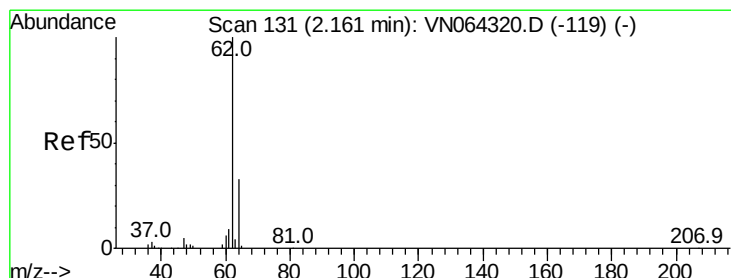
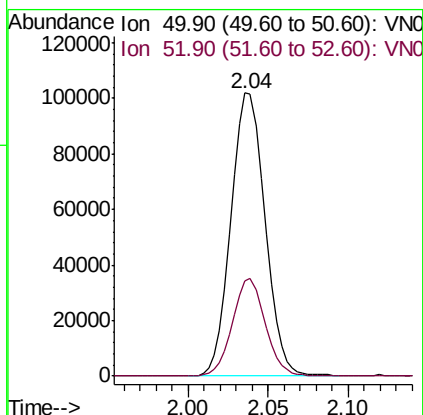
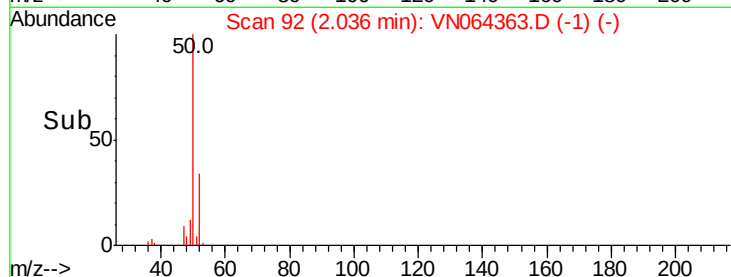
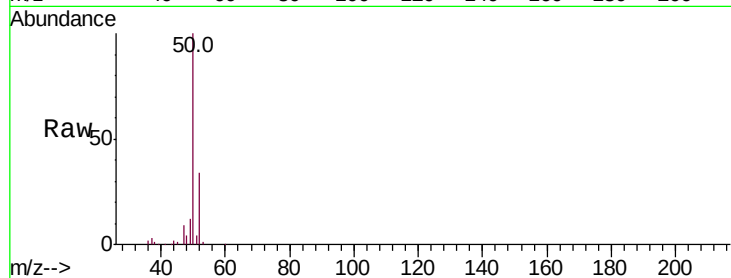
VSTDCCC050EC

Tot Ion: 50 Resp: 148132

Ion Ratio Lower Upper

50 100

52 33.6 25.6 38.4



#4

Vinyl Chloride

Concen: 47.782 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064363.D

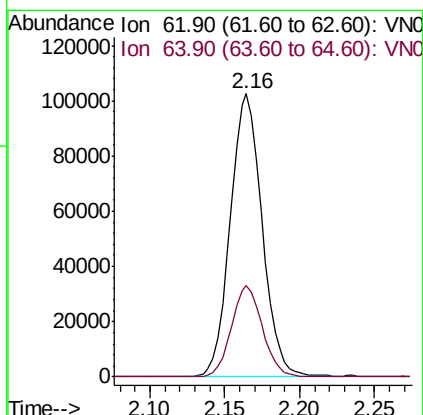
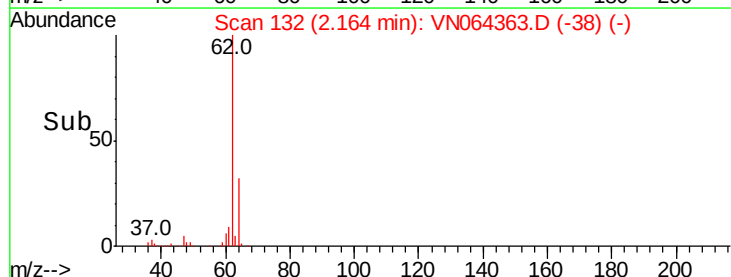
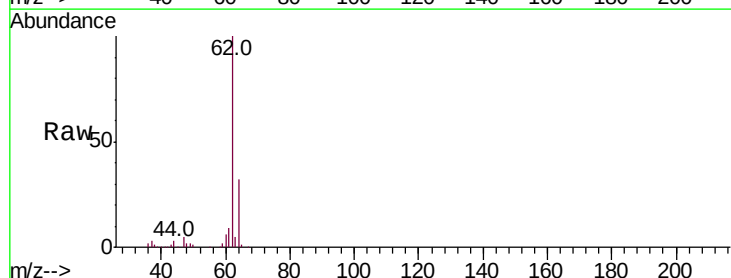
Acq: 28 Oct 2020 19:31

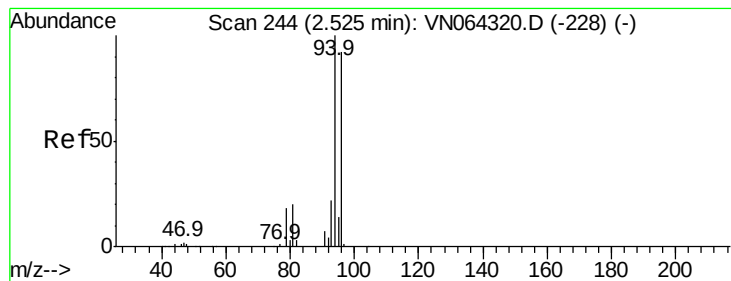
Tgt Ion: 62 Resp: 152154

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.4





#5

Bromomethane

Concen: 32.454 ug/l

RT: 2.51 min Scan# 240

Delta R.T. -0.01 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

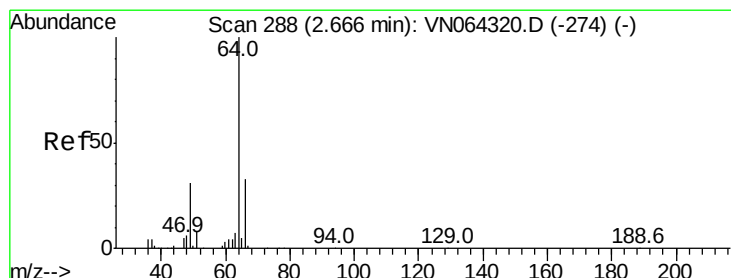
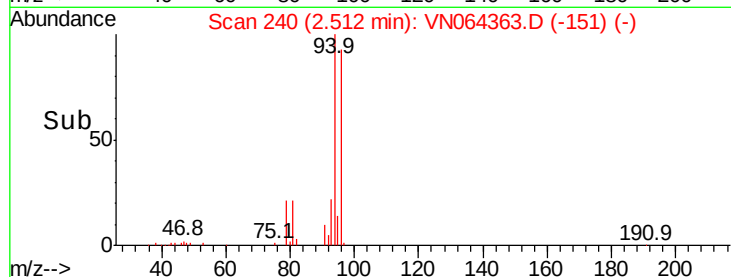
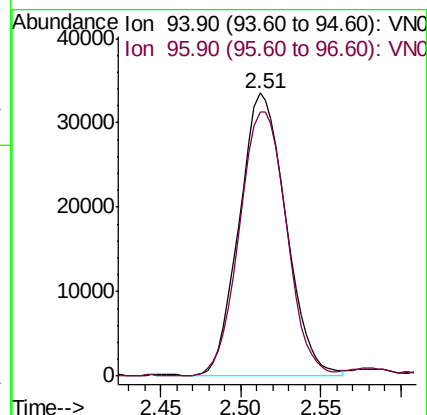
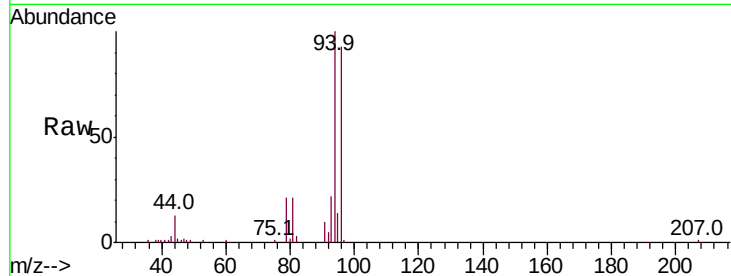
VSTDCCC050EC

Tot Ion: 94 Resp: 66776

Ion Ratio Lower Upper

94 100

96 93.3 73.6 110.4



#6

Chloroethane

Concen: 49.532 ug/l

RT: 2.66 min Scan# 287

Delta R.T. -0.00 min

Lab File: VN064363.D

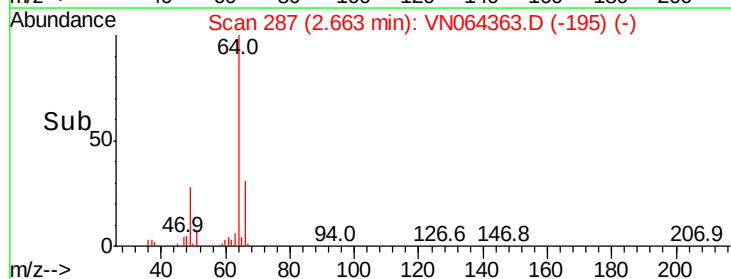
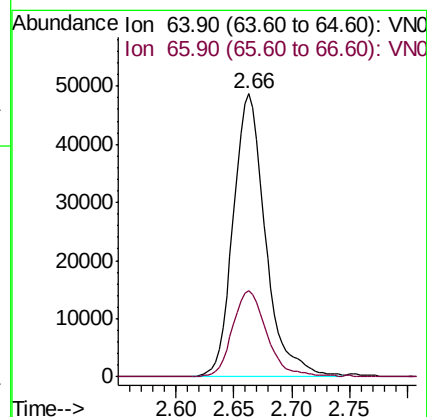
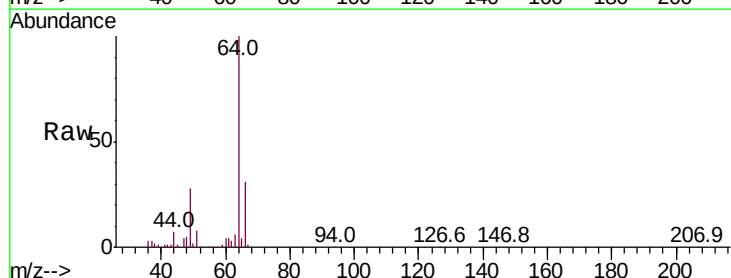
Acq: 28 Oct 2020 19:31

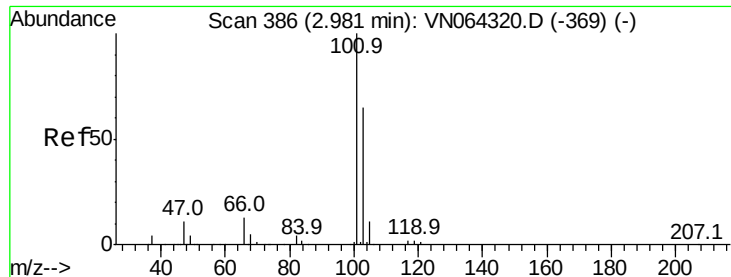
Tgt Ion: 64 Resp: 94246

Ion Ratio Lower Upper

64 100

66 30.6 26.5 39.7



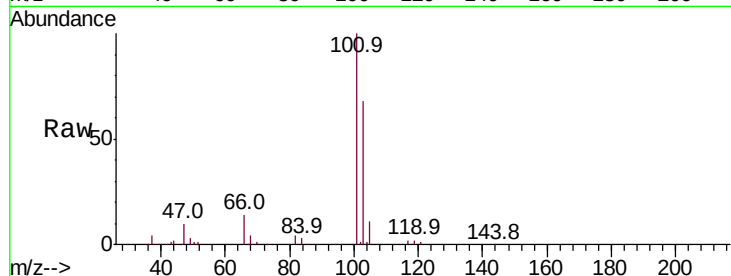


#7

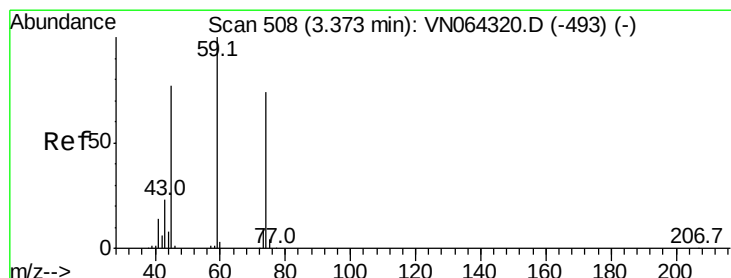
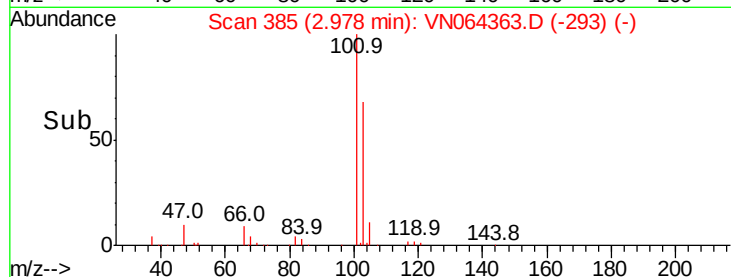
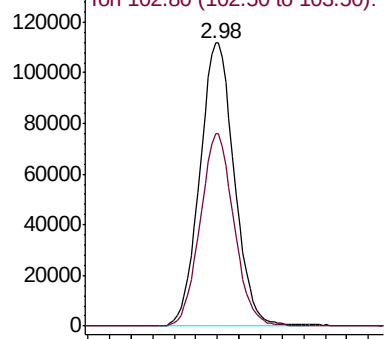
Trichlorofluoromethane
Concen: 46.696 ug/l
RT: 2.98 min Scan# 385
Delta R.T. -0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 249104
Ion Ratio Lower Upper
101 100
103 68.2 51.7 77.5



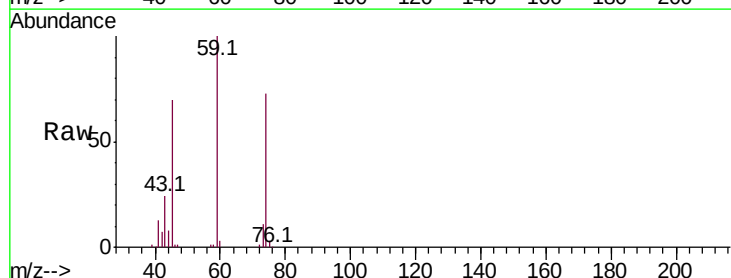
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



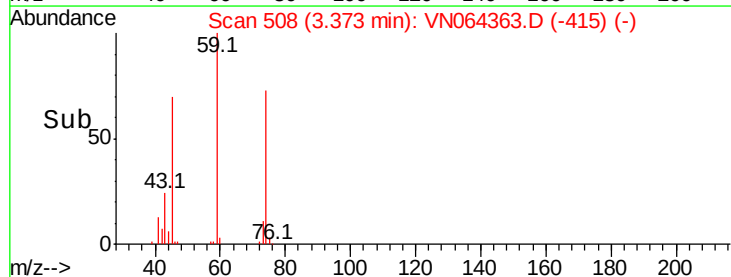
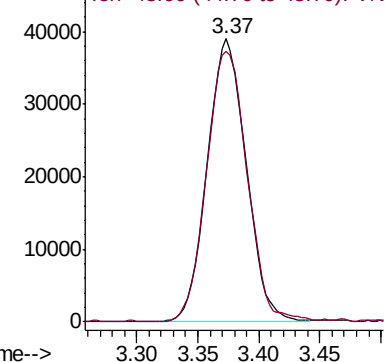
#8

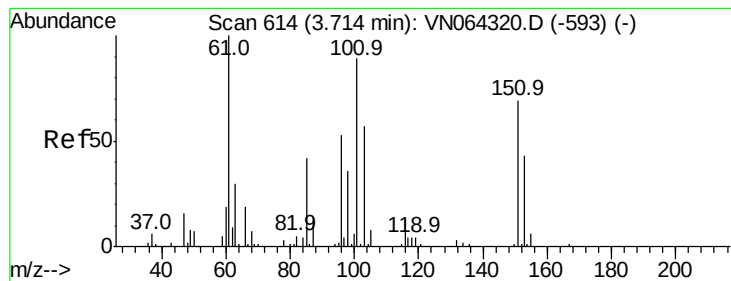
Diethyl Ether
Concen: 51.043 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Tgt Ion: 74 Resp: 86138
Ion Ratio Lower Upper
74 100
45 99.9 51.3 154.0



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.671 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

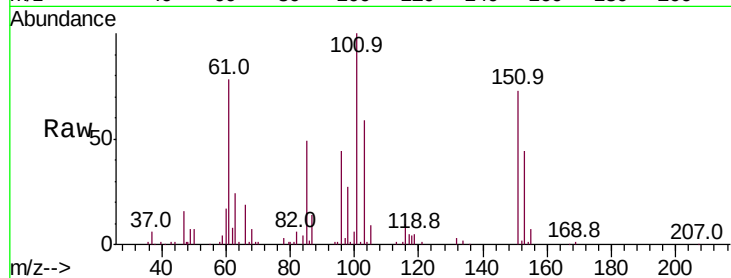
Tot Ion:101 Resp: 125135

Ion Ratio Lower Upper

101 100

85 47.4 38.4 57.6

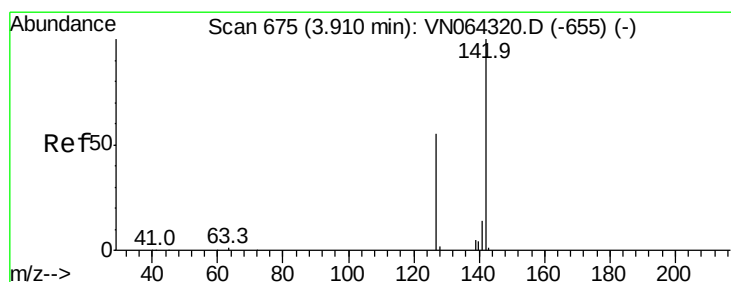
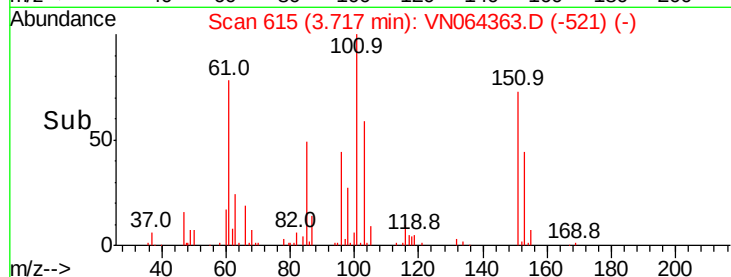
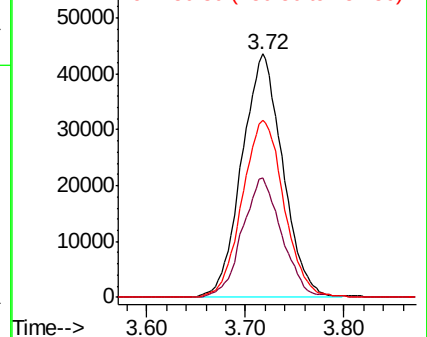
151 74.2 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 31.210 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

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Acq: 28 Oct 2020 19:31

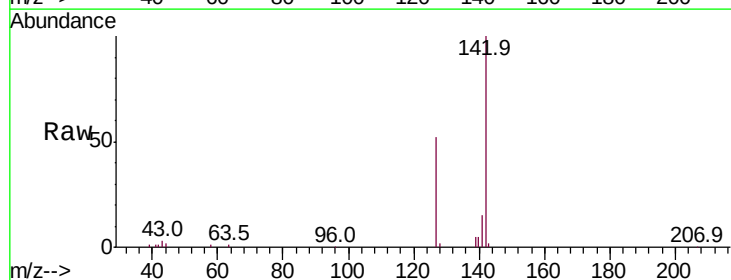
Tgt Ion:142 Resp: 111667

Ion Ratio Lower Upper

142 100

127 53.7 43.3 64.9

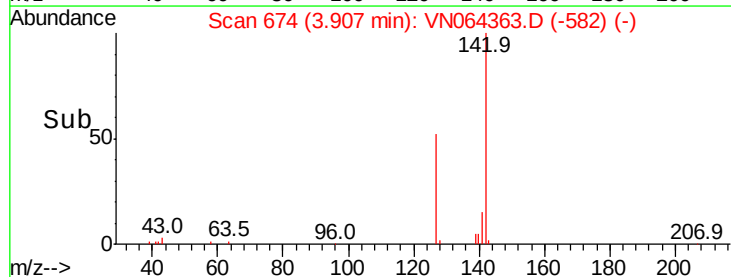
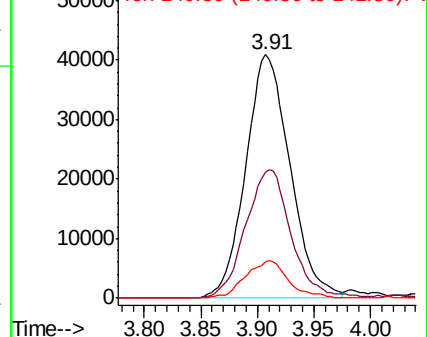
141 14.9 11.5 17.3

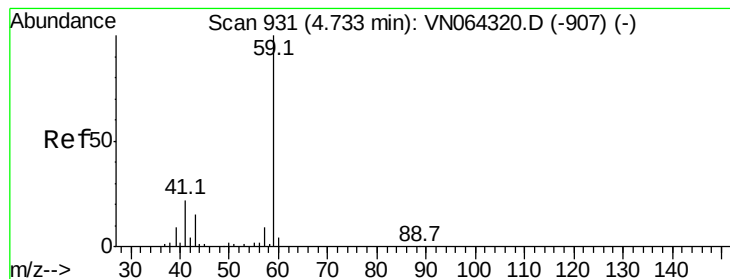


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



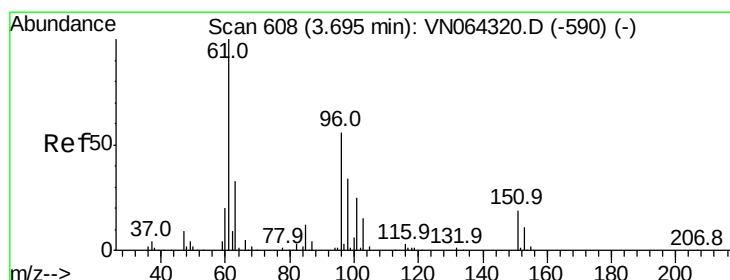
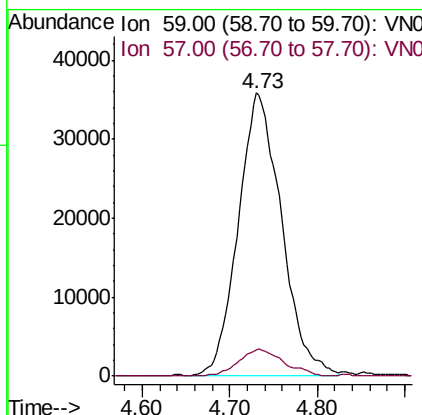
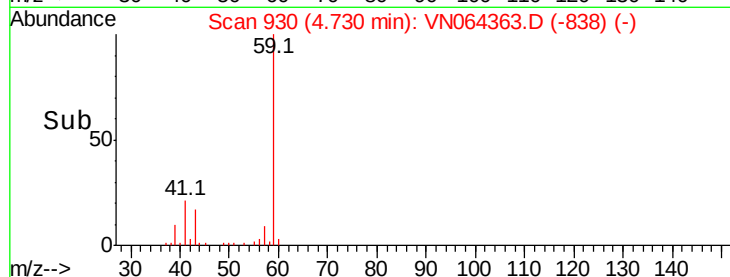
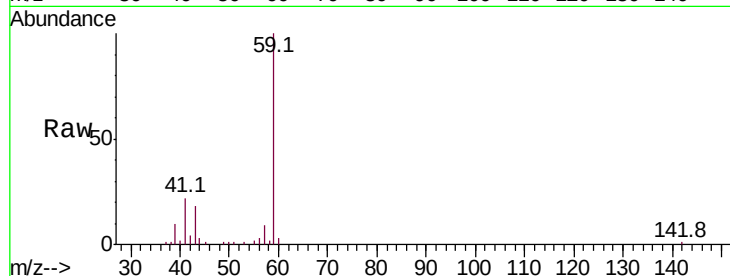


#11

Tert butyl alcohol
 Concen: 198.890 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN064363.D
 Acq: 28 Oct 2020 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

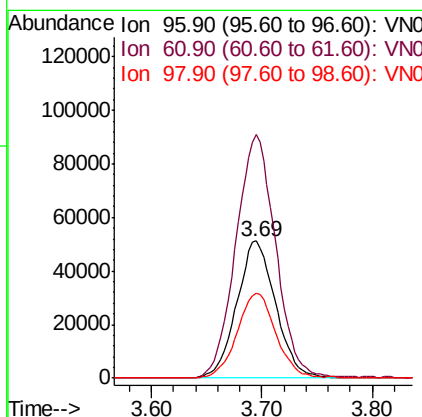
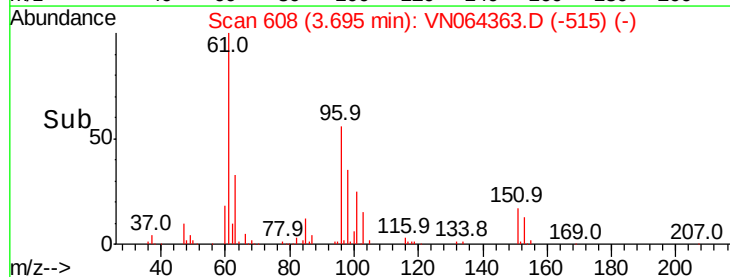
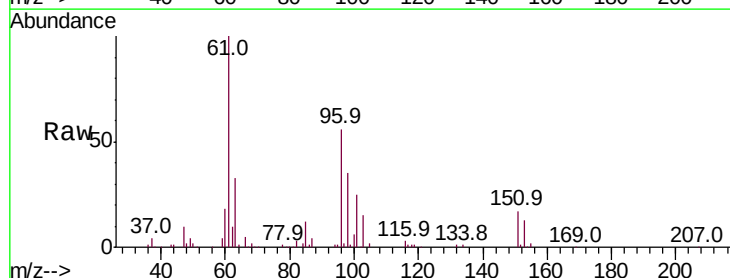
Tot Ion: 59 Resp: 122923
 Ion Ratio Lower Upper
 59 100
 57 9.9 9.4 14.0

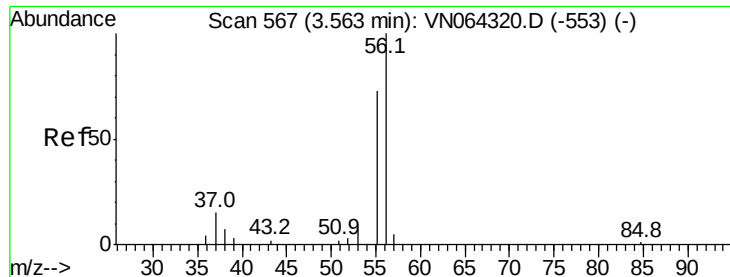


#12

1,1-Dichloroethene
 Concen: 49.474 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN064363.D
 Acq: 28 Oct 2020 19:31

Tgt Ion: 96 Resp: 125227
 Ion Ratio Lower Upper
 96 100
 61 178.0 143.6 215.4
 98 62.5 48.6 73.0





#13

Acrolein

Concen: 218.072 ug/l

RT: 3.56 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

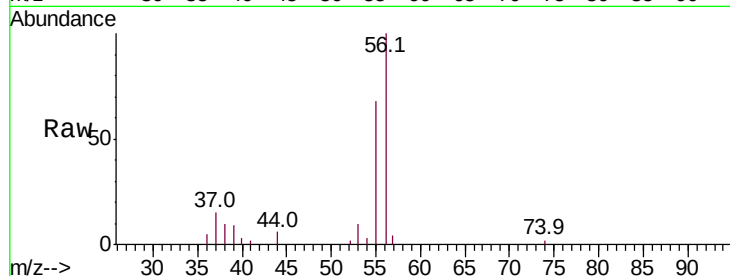
VSTDCCC050EC

Tot Ion: 56 Resp: 28922

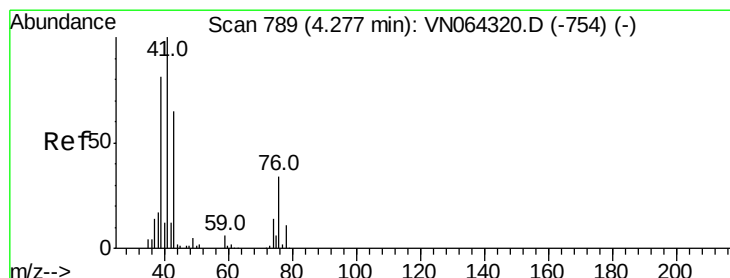
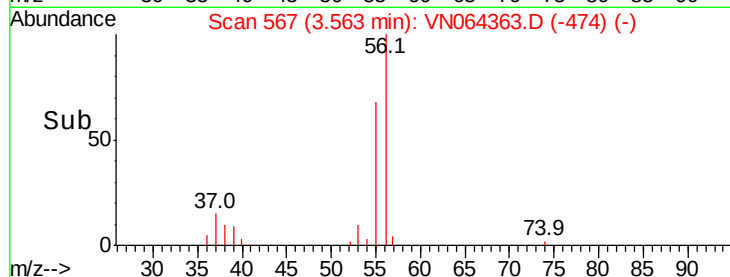
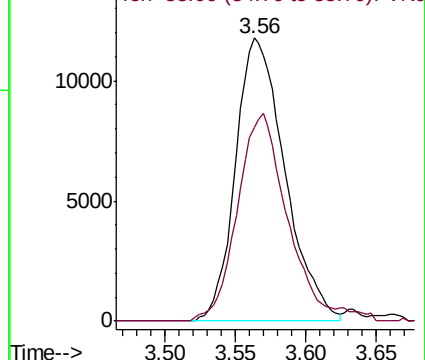
Ion Ratio Lower Upper

56 100

55 75.0 62.6 94.0



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 47.850 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

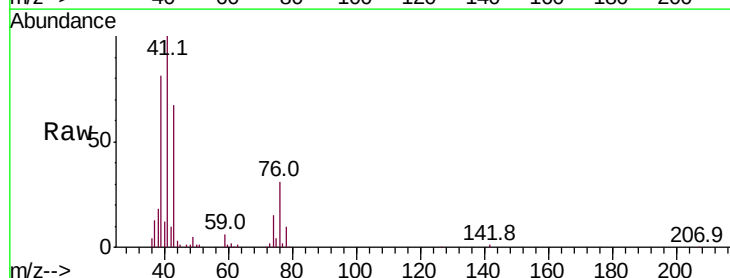
Tgt Ion: 41 Resp: 247307

Ion Ratio Lower Upper

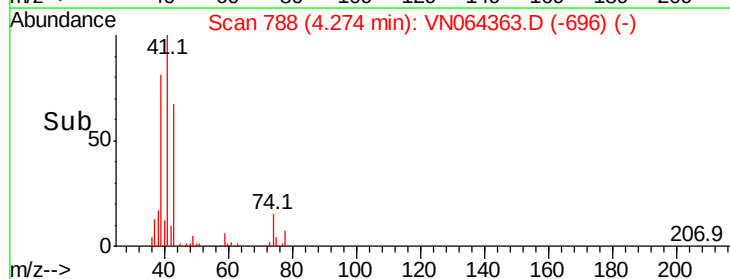
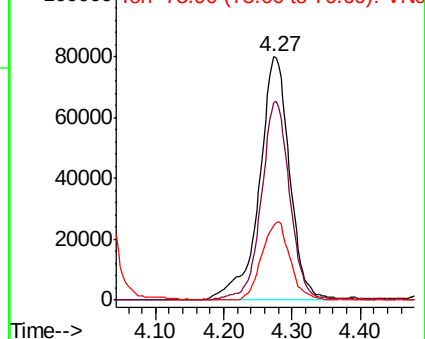
41 100

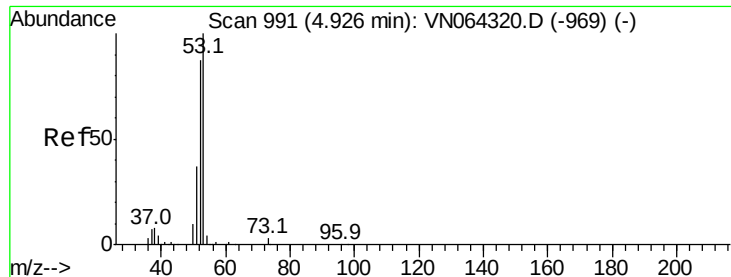
39 76.1 61.7 92.5

76 29.7 24.0 36.0



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 243.400 ug/l

RT: 4.93 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

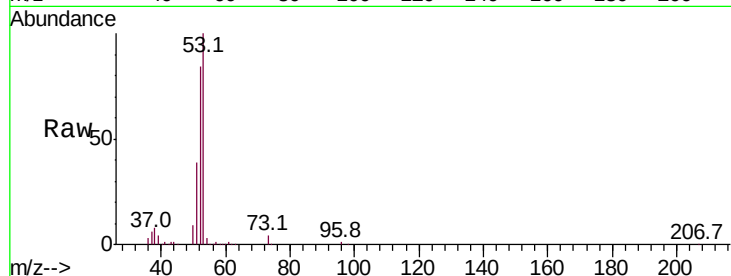
Tot Ion: 53 Resp: 323501

Ion Ratio Lower Upper

53 100

52 84.9 65.9 98.9

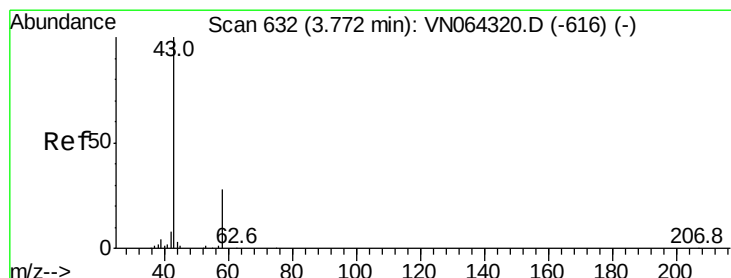
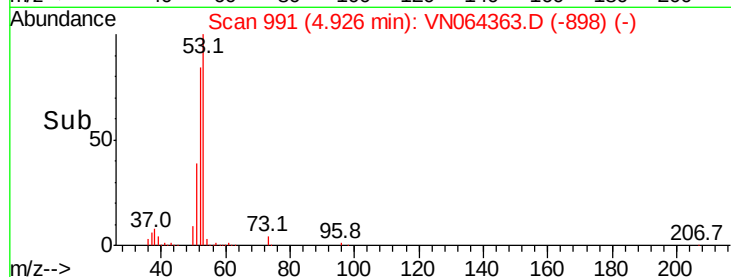
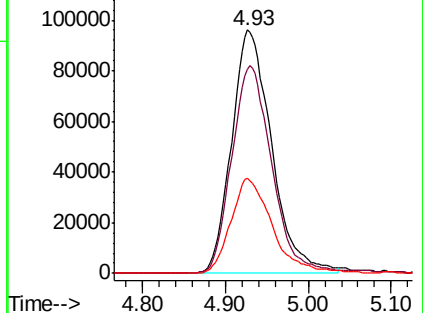
51 40.0 30.4 45.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 209.434 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064363.D

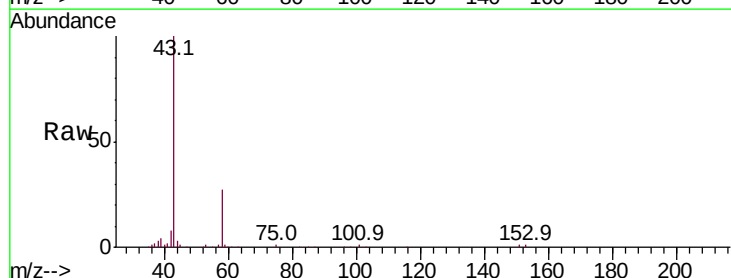
Acq: 28 Oct 2020 19:31

Tgt Ion: 43 Resp: 305722

Ion Ratio Lower Upper

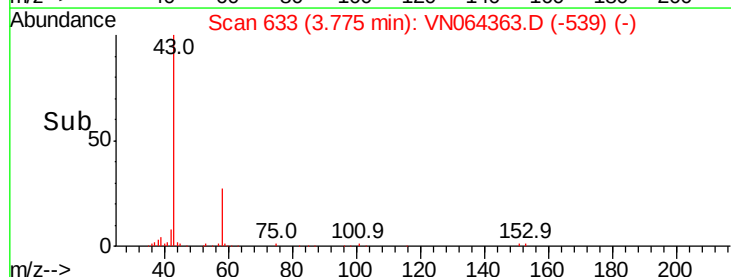
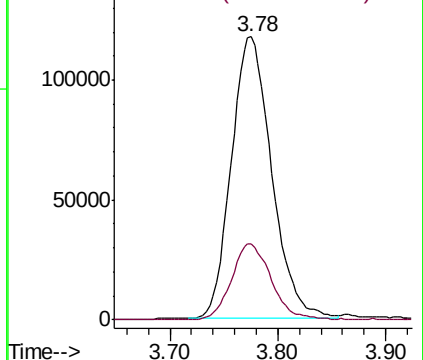
43 100

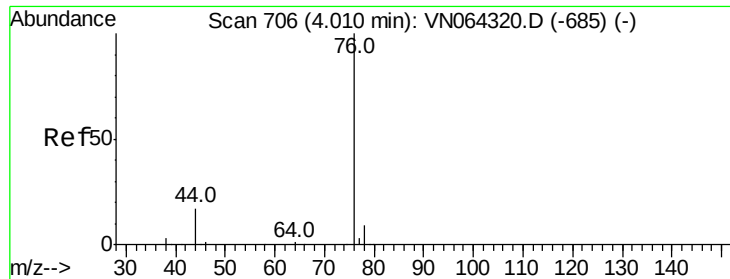
58 26.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

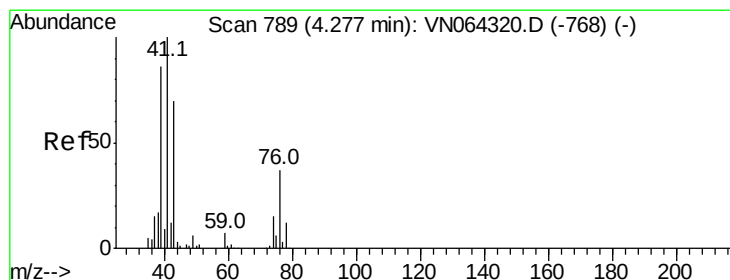
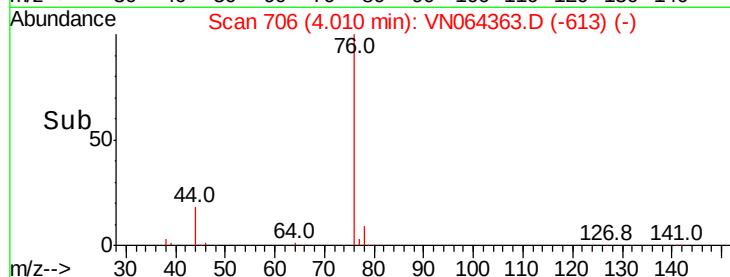
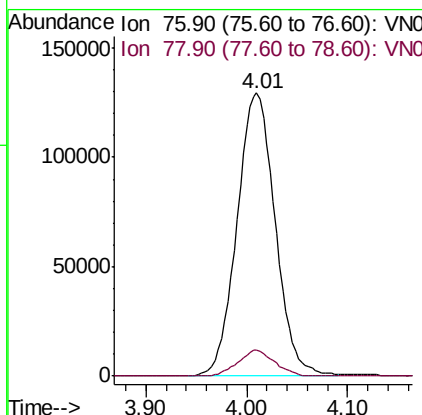
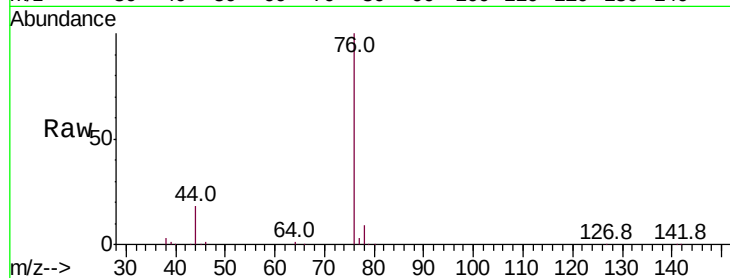




#17
Carbon Disulfide
Concen: 45.382 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

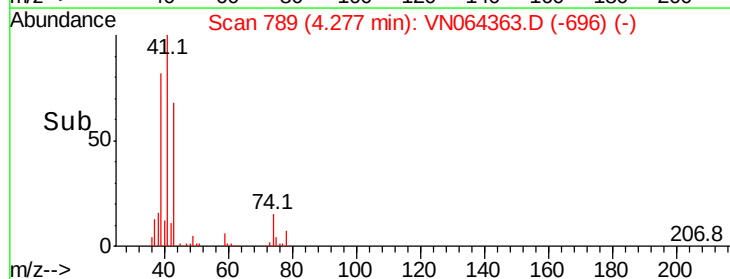
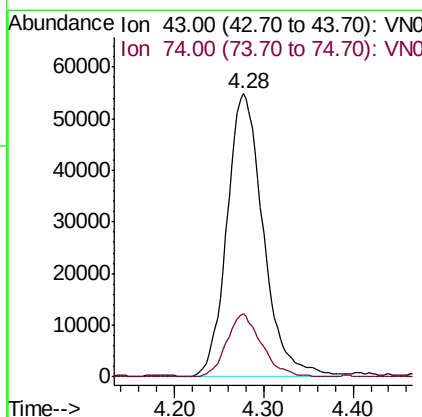
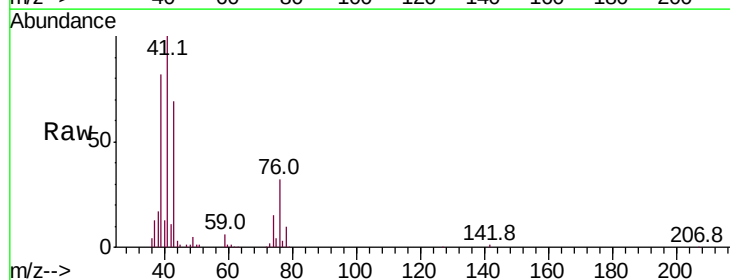
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

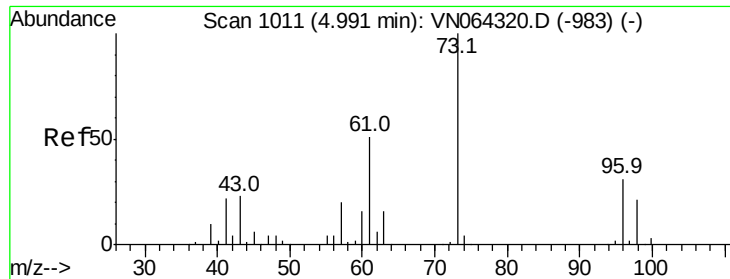
Tot Ion: 76 Resp: 339858
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 48.115 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Tgt Ion: 43 Resp: 153884
Ion Ratio Lower Upper
43 100
74 21.7 16.7 25.1

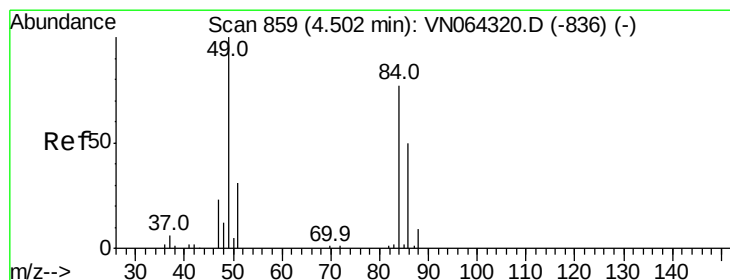
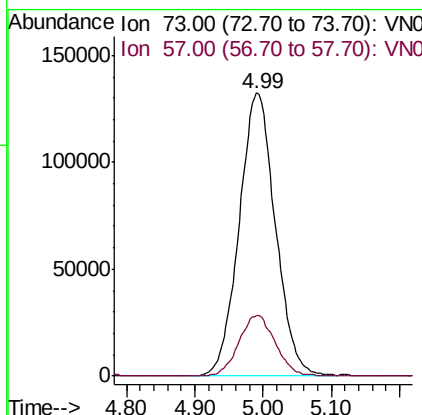
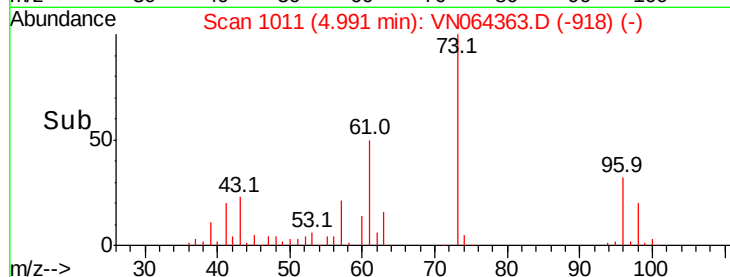
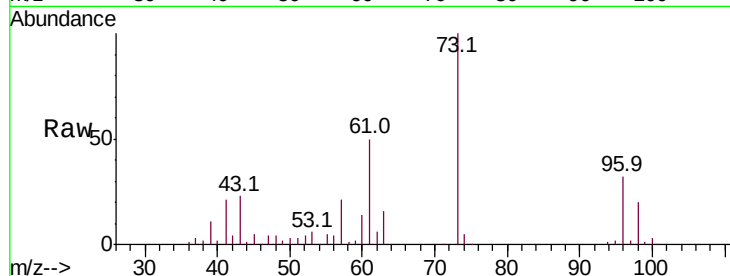




#19
Methyl tert-butyl Ether
Concen: 50.222 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

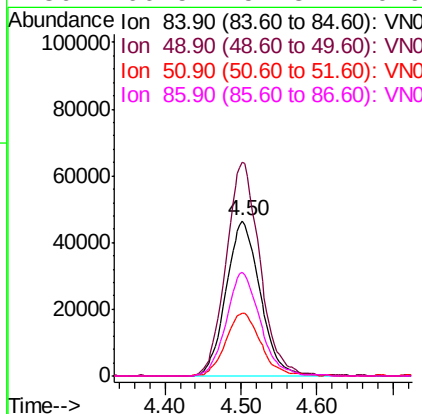
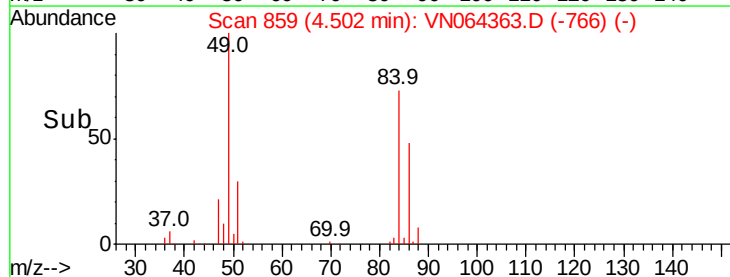
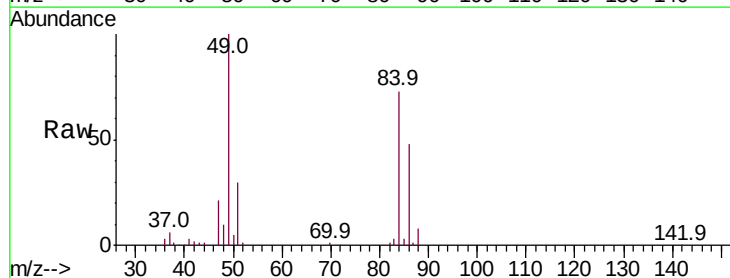
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

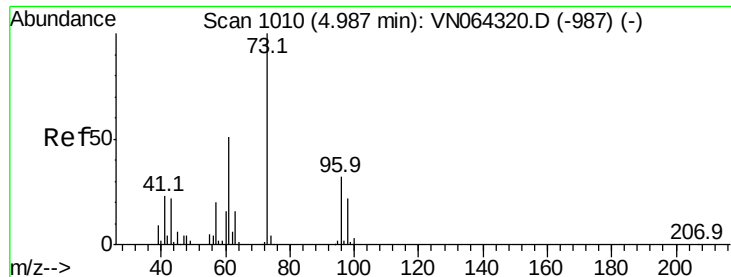
Tot Ion: 73 Resp: 488426
Ion Ratio Lower Upper
73 100
57 21.2 16.1 24.1



#20
Methylene Chloride
Concen: 47.980 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Tgt Ion: 84 Resp: 144870
Ion Ratio Lower Upper
84 100
49 137.4 103.6 155.4
51 40.6 31.8 47.8
86 66.5 51.3 76.9

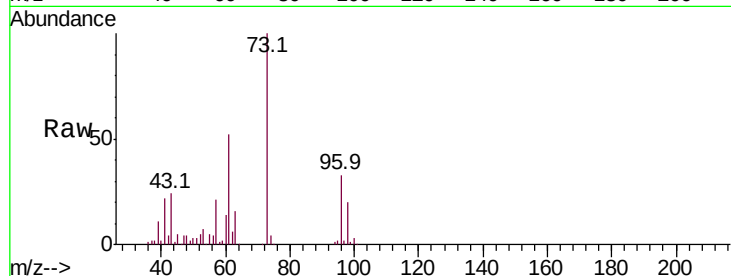




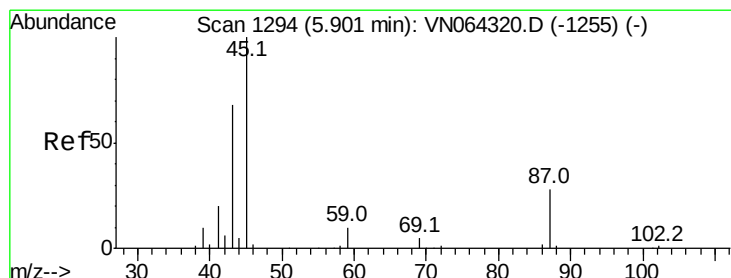
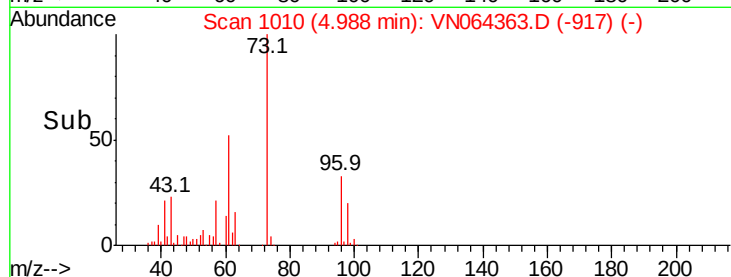
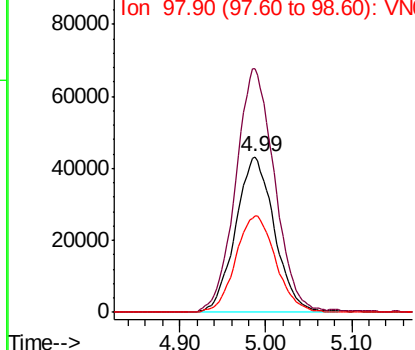
#21
trans-1,2-Dichloroethene
Concen: 48.215 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 136142
Ion Ratio Lower Upper
96 100
61 156.4 128.2 192.2
98 61.7 56.1 84.1

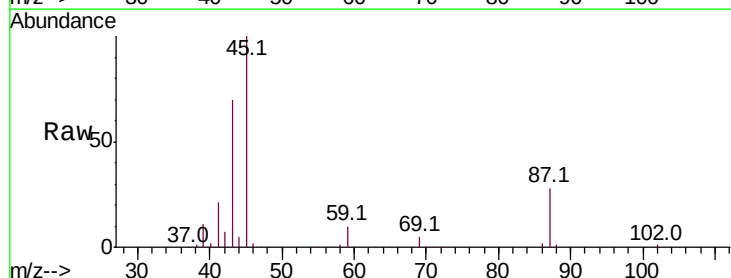


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

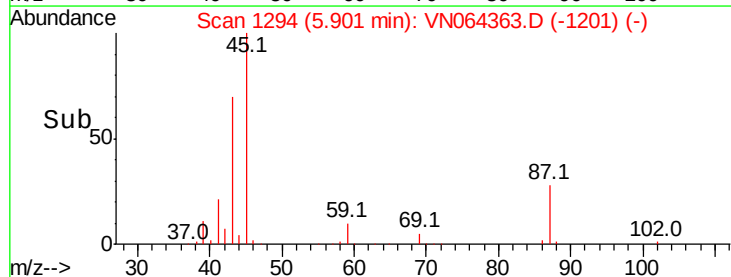
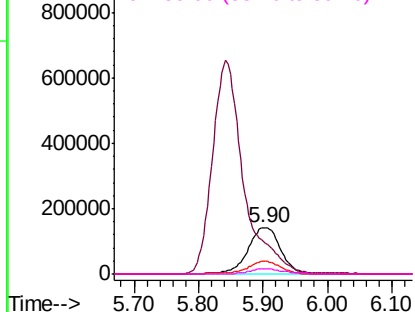


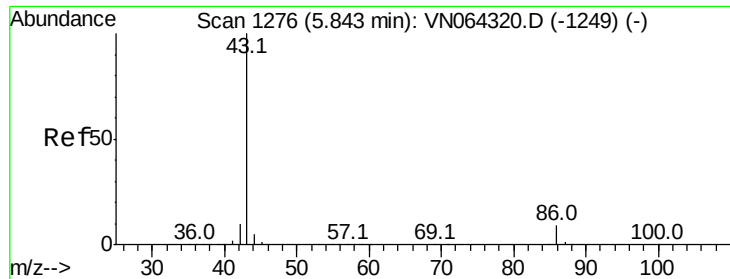
#22
Diisopropyl ether
Concen: 49.564 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Tgt Ion: 45 Resp: 500699
Ion Ratio Lower Upper
45 100
43 68.5 54.6 82.0
87 27.4 22.6 33.8
59 10.2 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

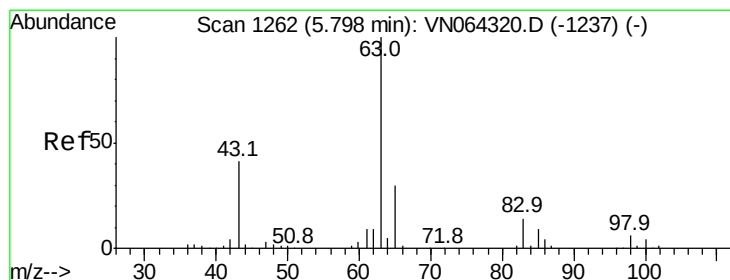
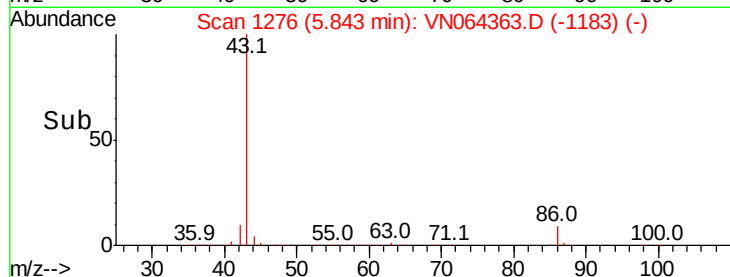
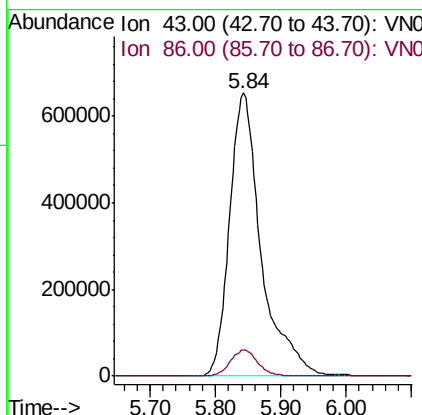
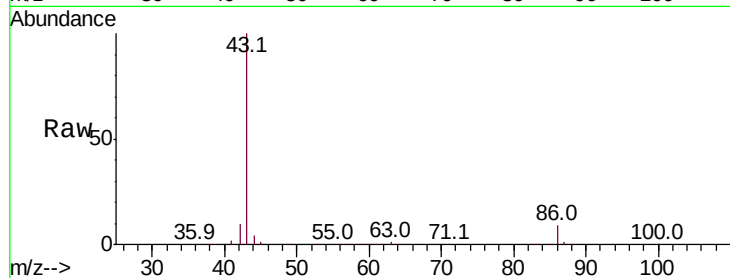




#23
 Vinyl Acetate
 Concen: 257.160 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN064363.D
 Acq: 28 Oct 2020 19:31

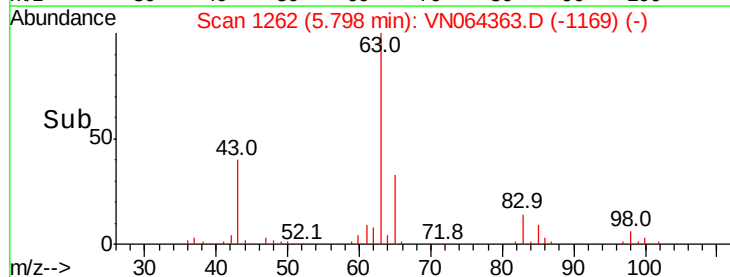
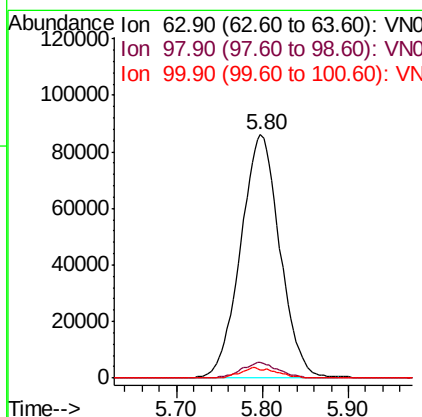
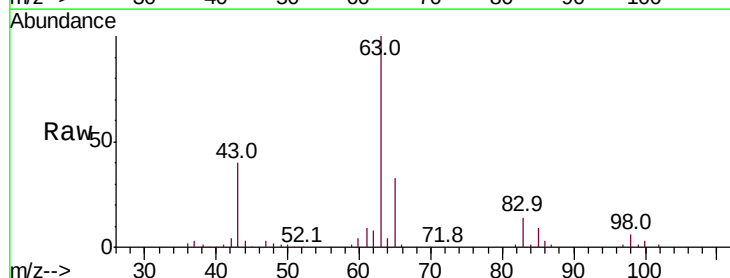
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

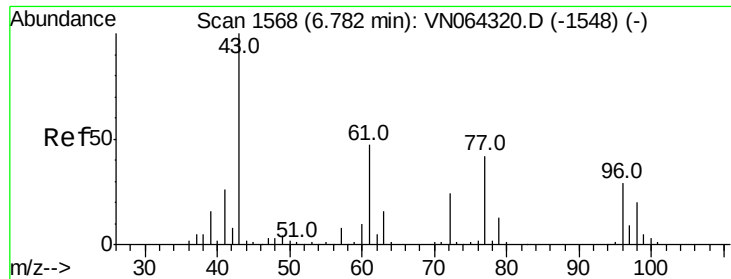
Tot Ion: 43 Resp: 2197842
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 48.289 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064363.D
 Acq: 28 Oct 2020 19:31

Tgt Ion: 63 Resp: 272972
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.4
 100 3.4 2.0 5.8

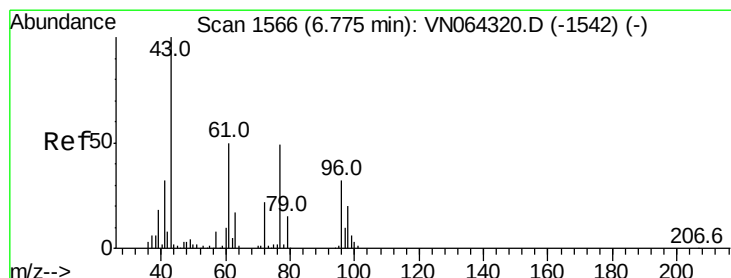
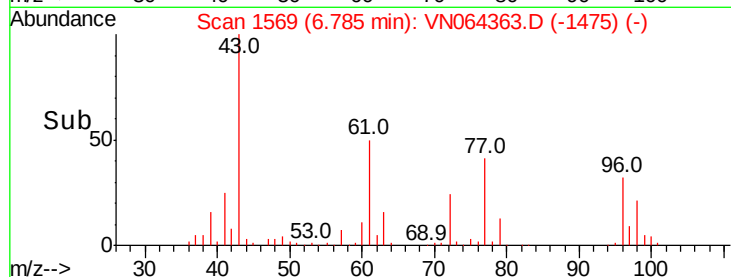
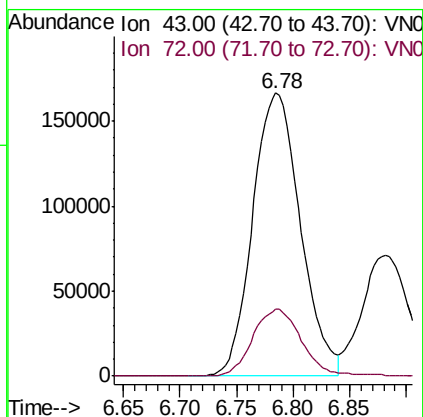
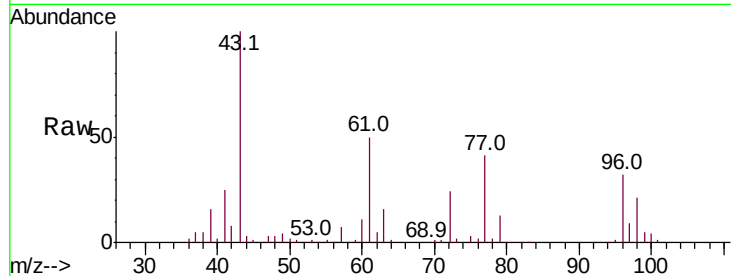




#25
2-Butanone
Concen: 227.949 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

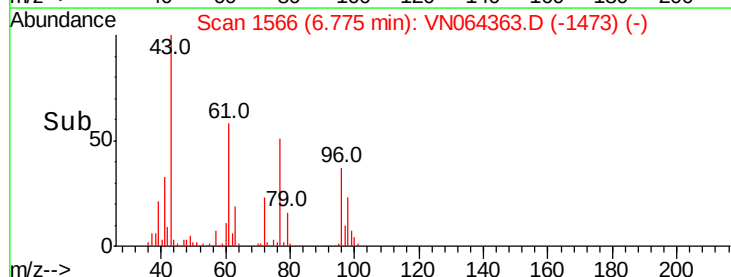
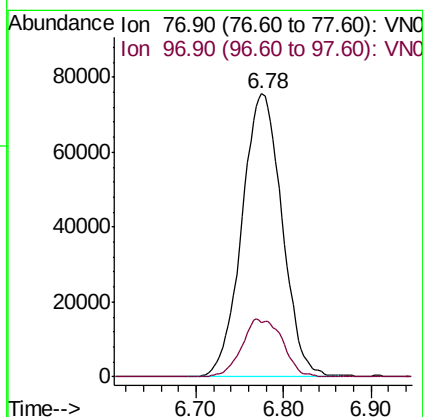
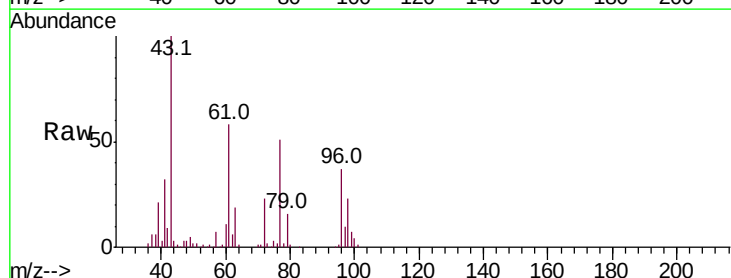
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

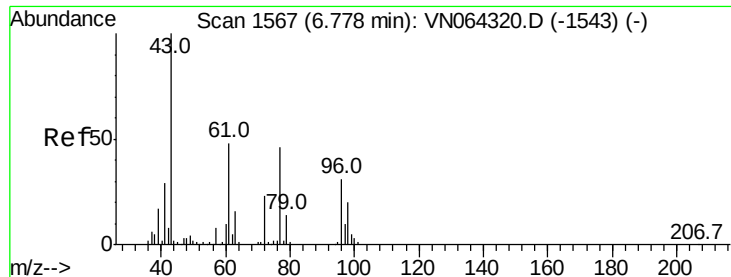
Tot Ion: 43 Resp: 487286
Ion Ratio Lower Upper
43 100
72 23.8 18.8 28.2



#26
2,2-Dichloropropane
Concen: 43.481 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Tgt Ion: 77 Resp: 240555
Ion Ratio Lower Upper
77 100
97 20.7 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 50.117 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

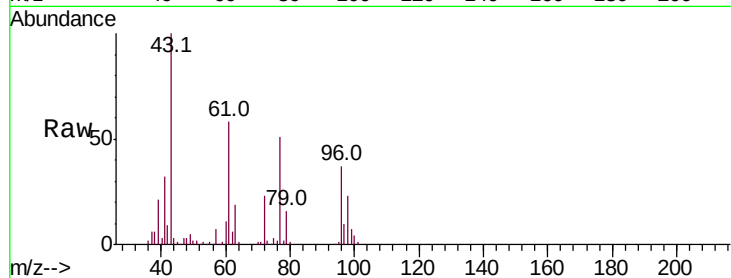
Tot Ion: 96 Resp: 161953

Ion Ratio Lower Upper

96 100

61 160.6 0.0 325.0

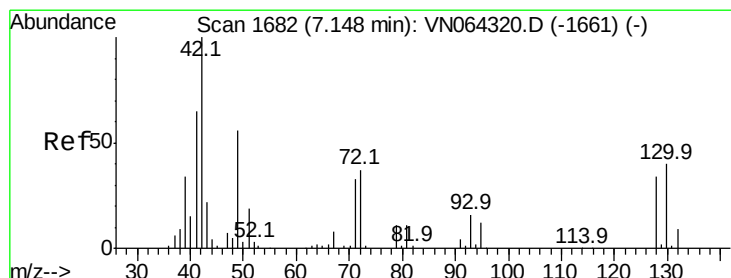
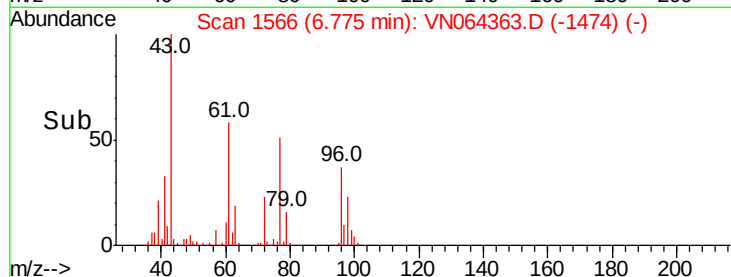
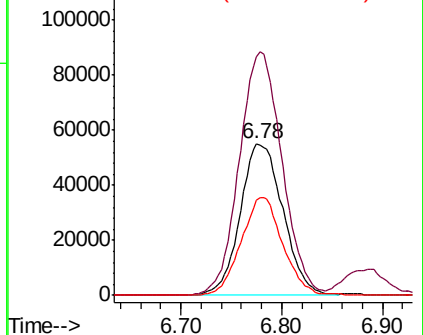
98 62.9 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN064320.D (-1543) (-)

Ion 60.90 (60.60 to 61.60): VN064320.D (-1543) (-)

Ion 97.90 (97.60 to 98.60): VN064320.D (-1543) (-)



#28

Bromochloromethane

Concen: 49.128 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

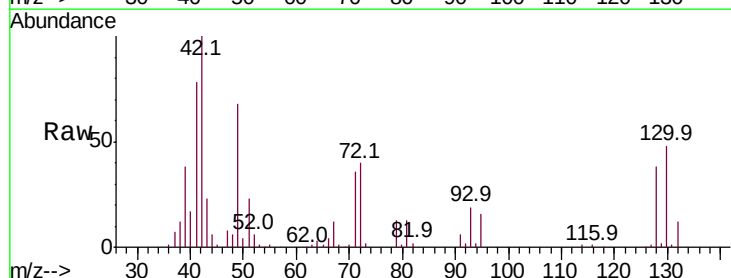
Tgt Ion: 49 Resp: 132315

Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.8

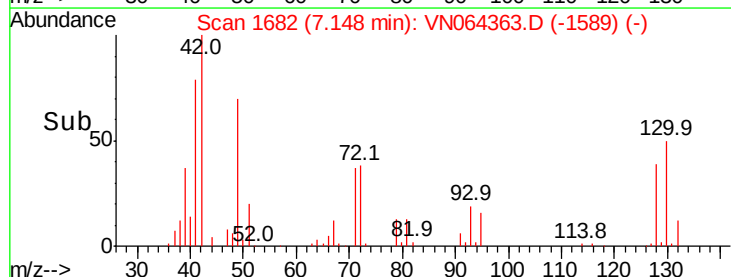
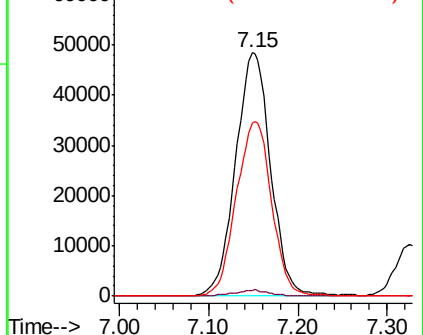
130 72.0 56.2 84.2

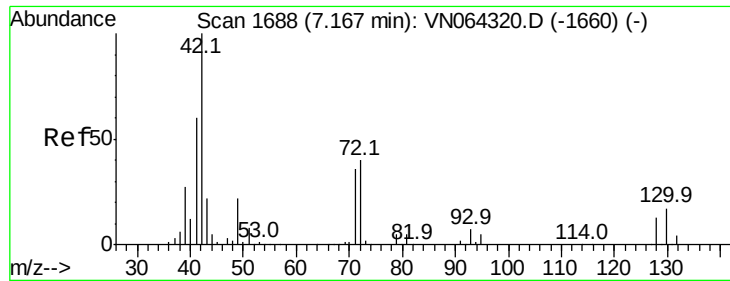


Abundance Ion 48.90 (48.60 to 49.60): VN064320.D (-1661) (-)

Ion 128.80 (128.50 to 129.50): VN064320.D (-1661) (-)

Ion 129.80 (129.50 to 130.50): VN064320.D (-1661) (-)





#29

Tetrahydrofuran

Concen: 234.561 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

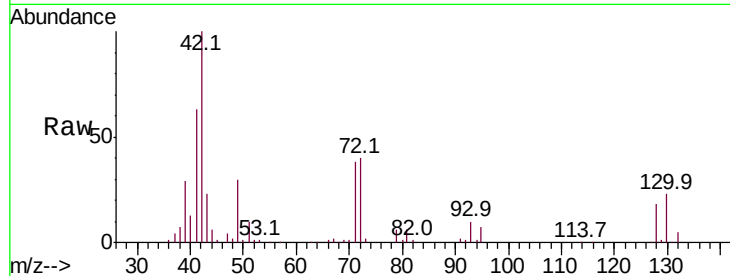
Tot Ion: 42 Resp: 325519

Ion Ratio Lower Upper

42 100

72 39.4 31.6 47.4

71 36.9 29.4 44.0



Abundance Ion 42.00 (41.70 to 42.70): VN064320.D (-1660) (-)

Ion 72.00 (71.70 to 72.70): VN064320.D (-1660) (-)

Ion 71.00 (70.70 to 71.70): VN064320.D (-1660) (-)

7.16

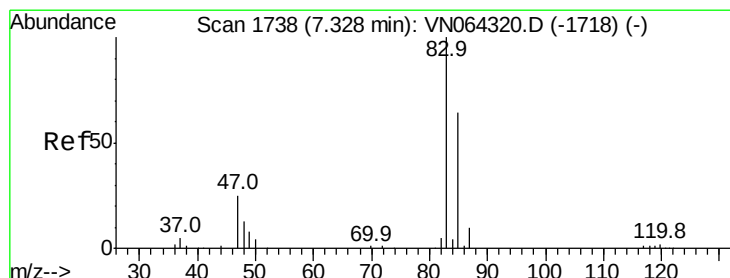
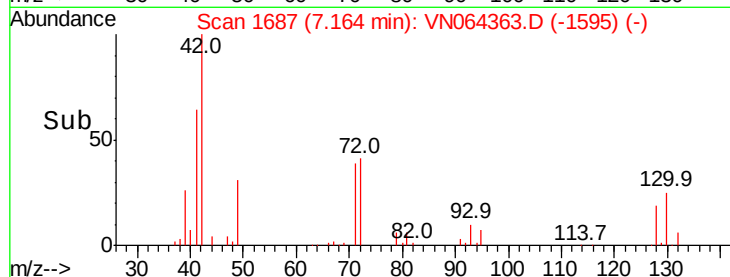
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 49.234 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064363.D

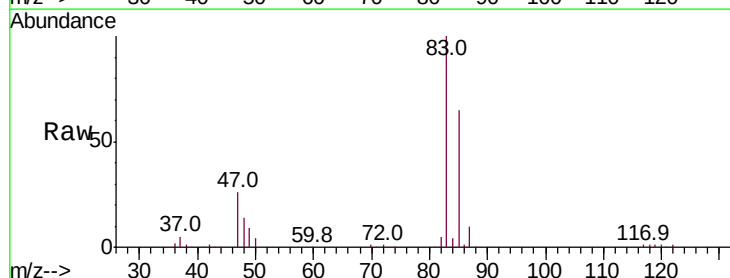
Acq: 28 Oct 2020 19:31

Tgt Ion: 83 Resp: 297070

Ion Ratio Lower Upper

83 100

85 64.5 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN064320.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN064320.D (-1718) (-)

7.33

120000

100000

80000

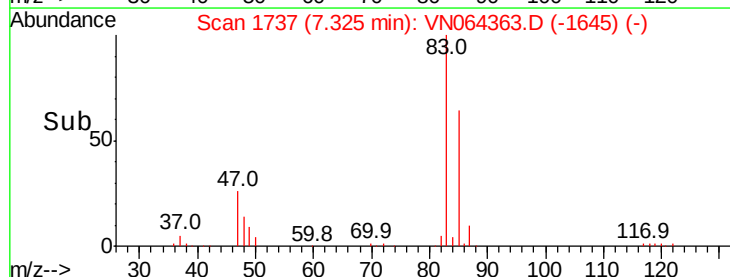
60000

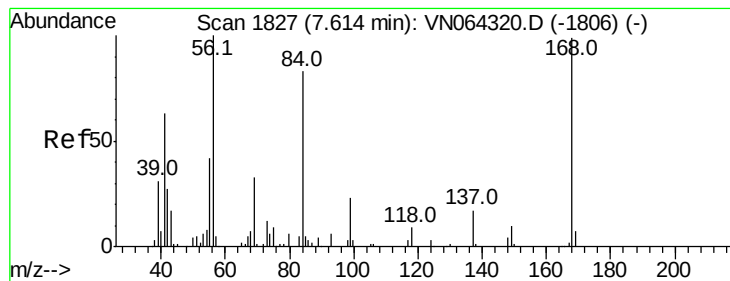
40000

20000

0

Time-->





#31

Cyclohexane

Concen: 39.667 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

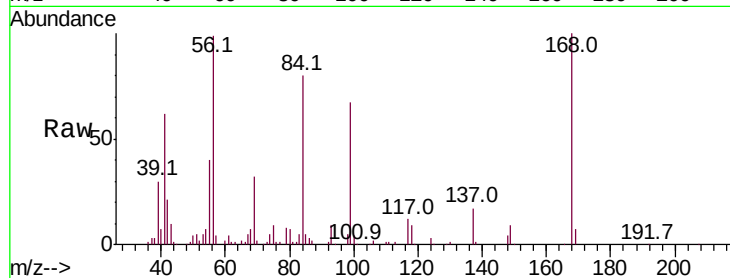
Tot Ion: 56 Resp: 196005

Ion Ratio Lower Upper

56 100

69 32.6 25.8 38.8

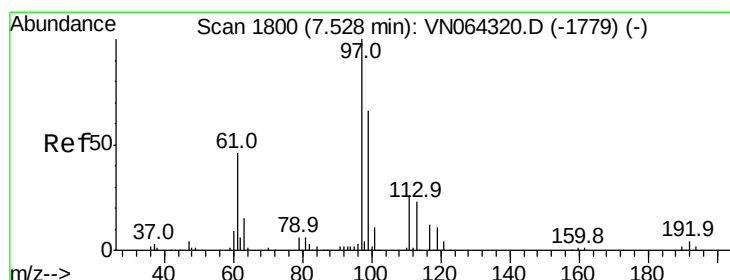
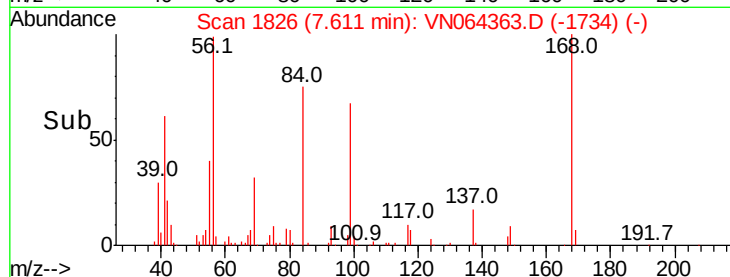
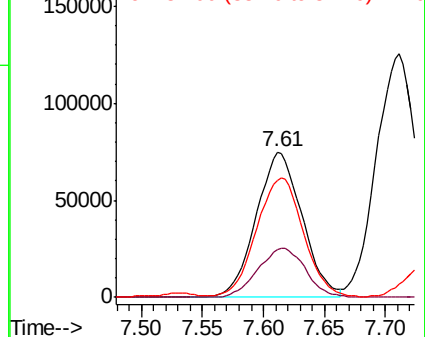
84 78.2 66.3 99.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 46.784 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

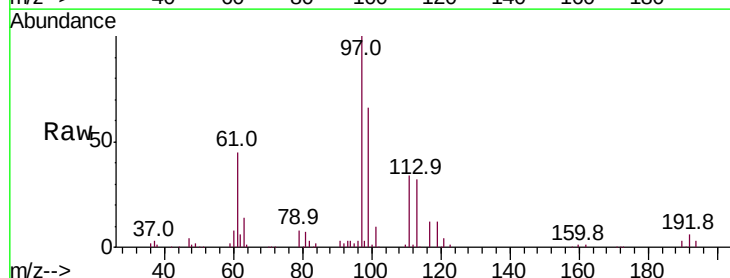
Tgt Ion: 97 Resp: 271067

Ion Ratio Lower Upper

97 100

99 63.3 50.6 76.0

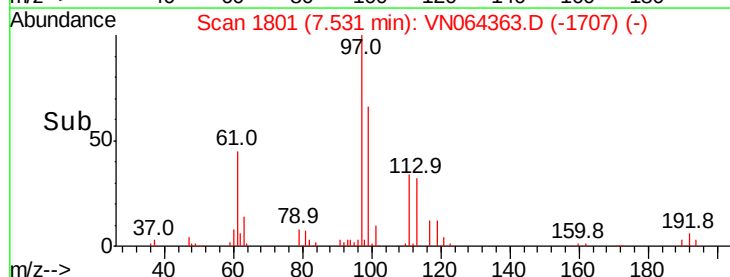
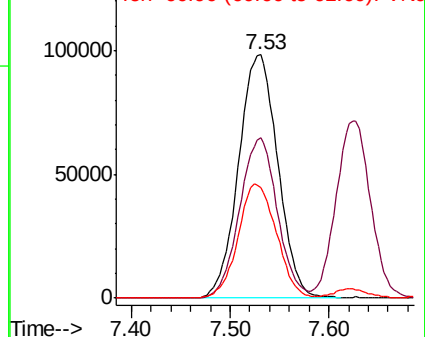
61 45.9 35.8 53.6

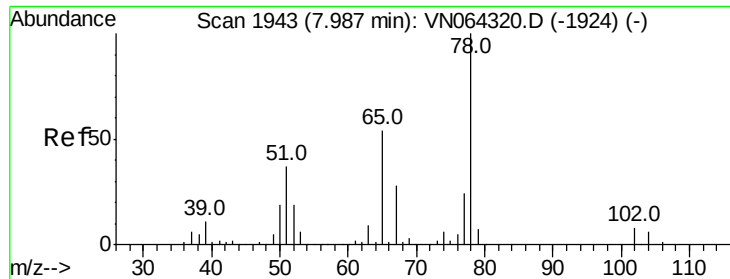


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

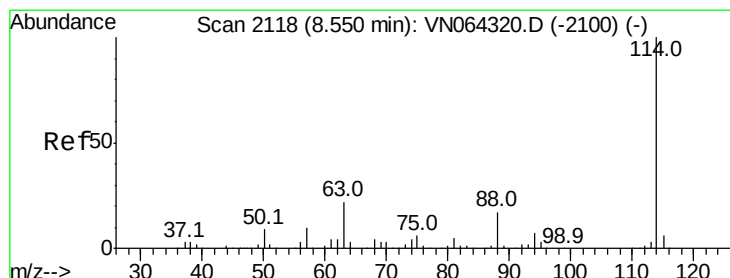
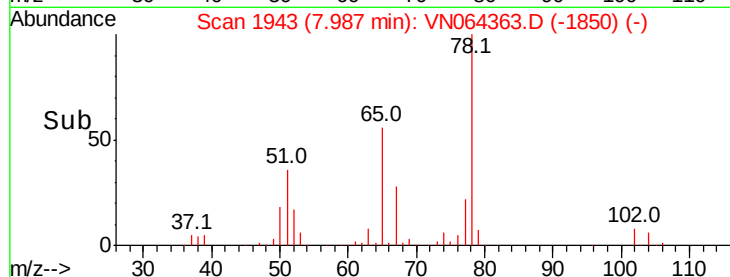
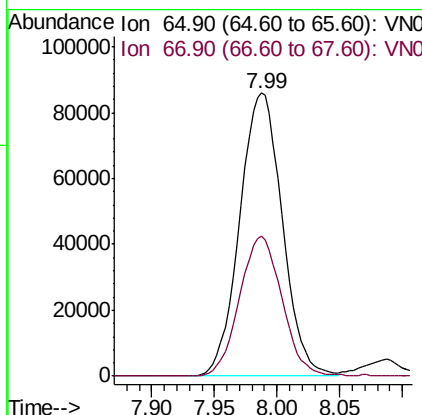
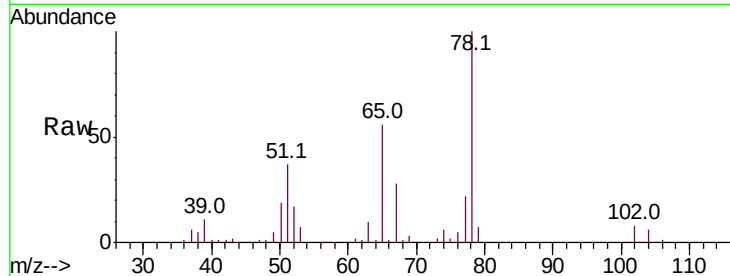




#33
 1,2-Dichloroethane-d4
 Concen: 47.701 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064363.D
 Acq: 28 Oct 2020 19:31

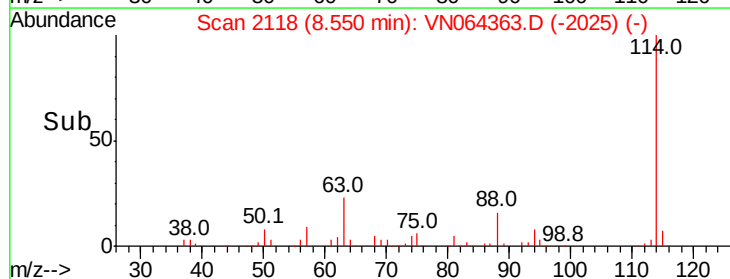
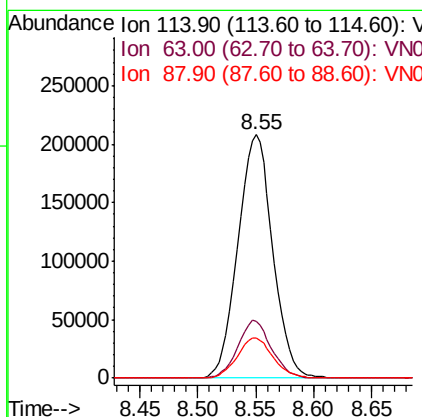
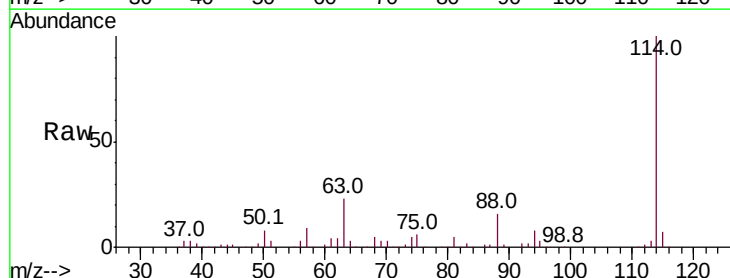
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

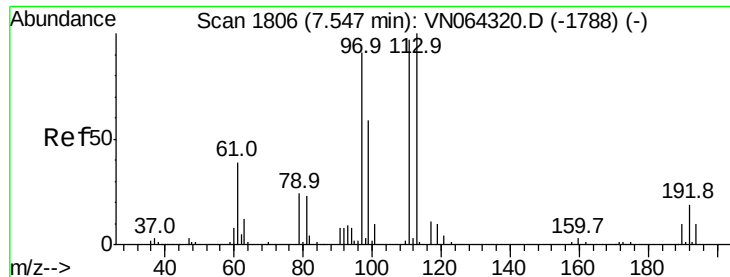
Tot Ion: 65 Resp: 203087
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064363.D
 Acq: 28 Oct 2020 19:31

Tgt Ion: 114 Resp: 432453
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 44.6
 88 16.3 0.0 33.4

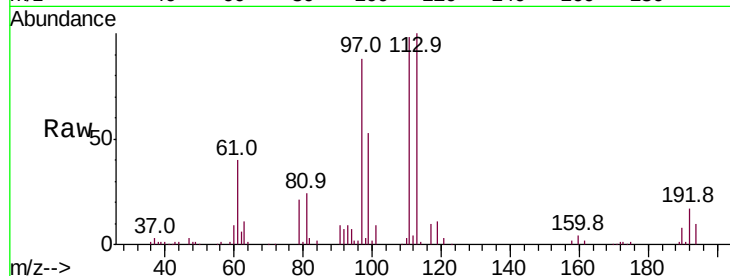




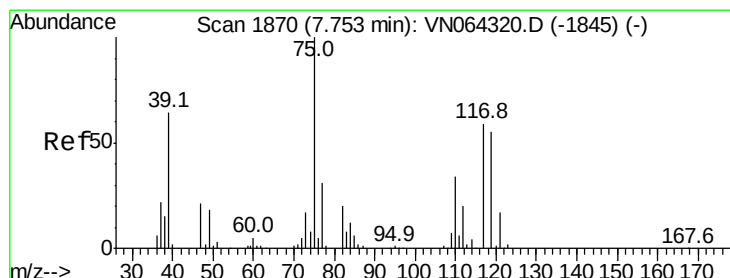
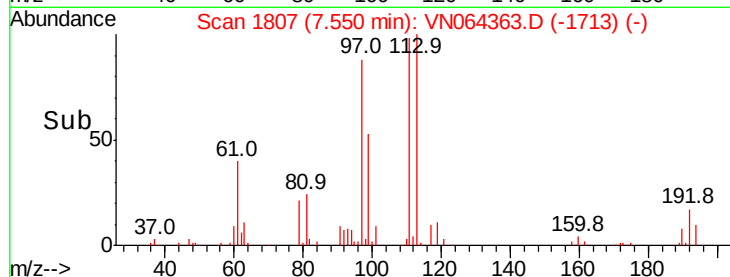
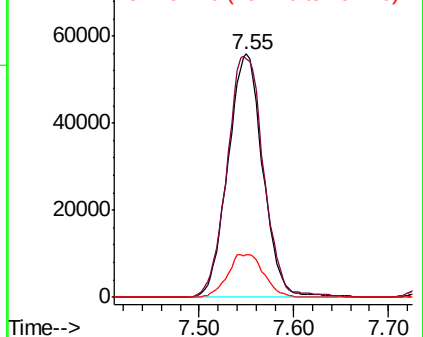
#35
 Dibromofluoromethane
 Concen: 49.596 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064363.D
 Acq: 28 Oct 2020 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 143031
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.5 122.3
 192 8.8 15.0 22.4#

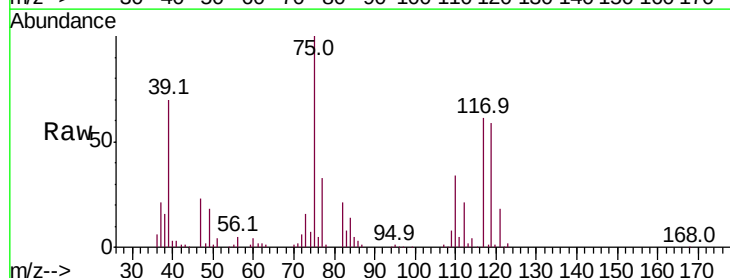


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

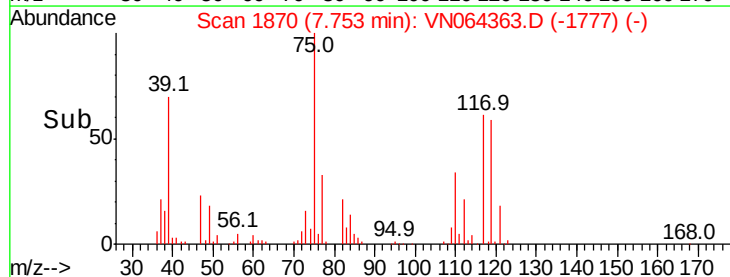
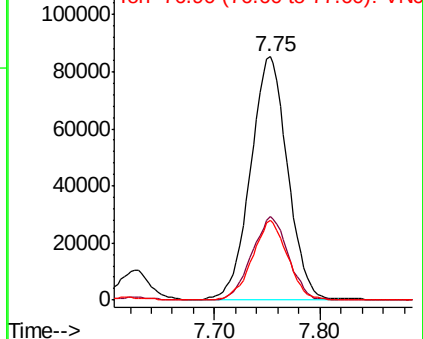


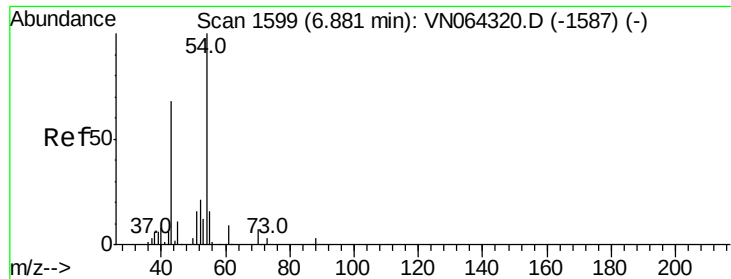
#36
 1,1-Dichloropropene
 Concen: 47.472 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064363.D
 Acq: 28 Oct 2020 19:31

Tgt Ion: 75 Resp: 207190
 Ion Ratio Lower Upper
 75 100
 110 34.0 16.8 50.3
 77 31.3 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO

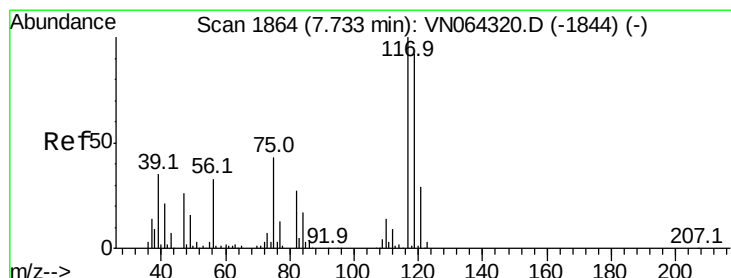
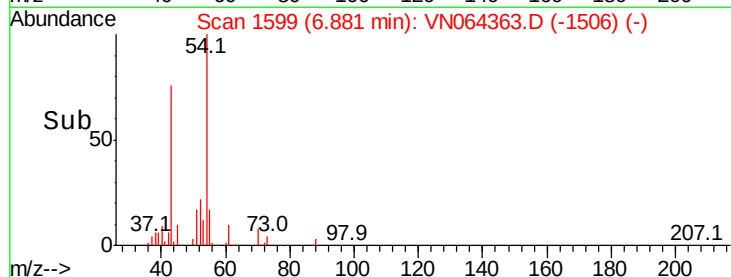
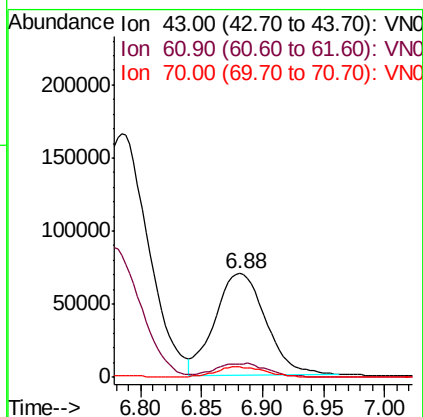
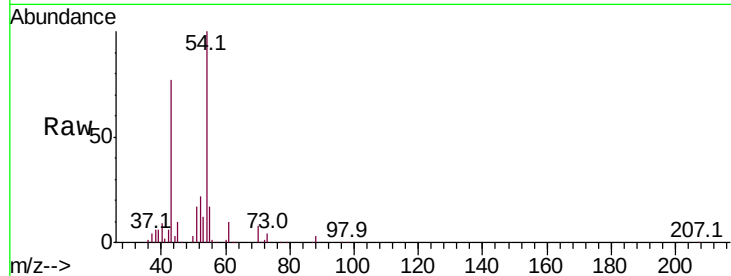




#37
Ethyl Acetate
Concen: 45.887 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

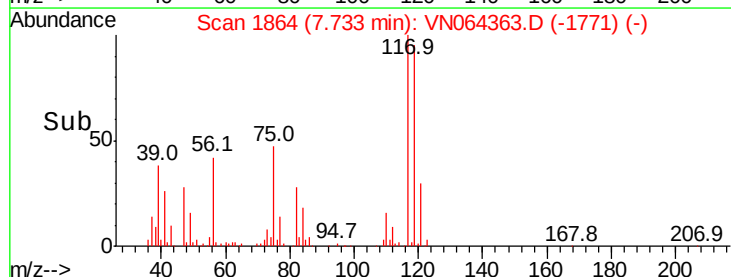
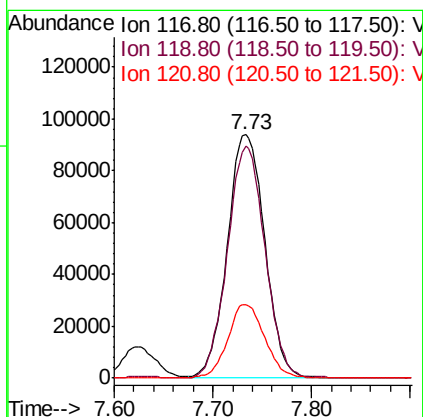
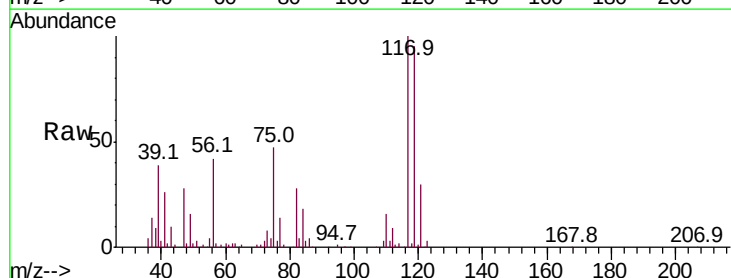
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

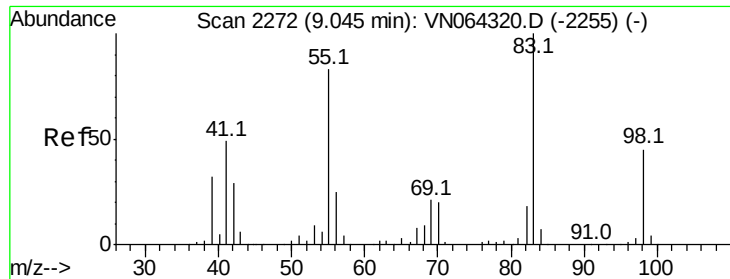
Tot Ion: 43 Resp: 202295
Ion Ratio Lower Upper
43 100
61 13.7 10.0 15.0
70 10.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 49.300 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Tgt Ion: 117 Resp: 249453
Ion Ratio Lower Upper
117 100
119 95.2 73.7 110.5
121 30.1 22.8 34.2

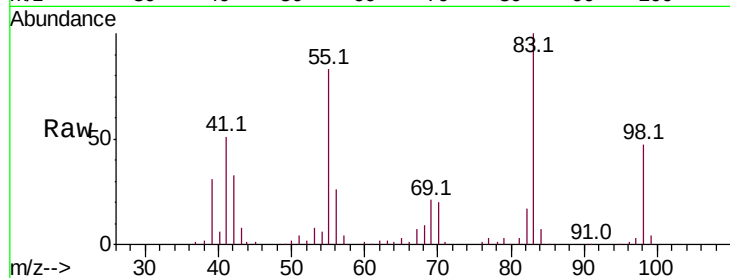




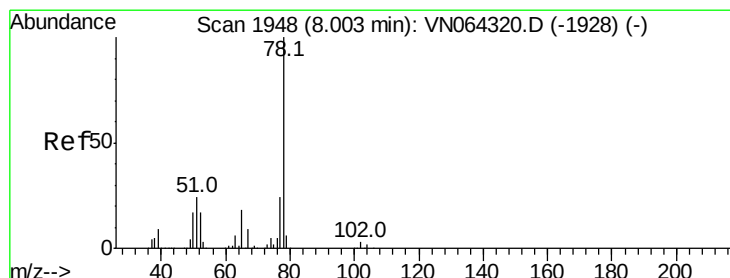
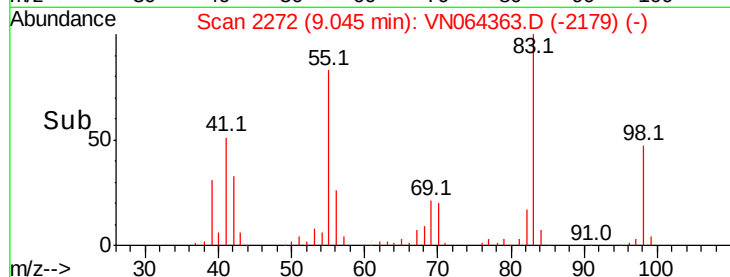
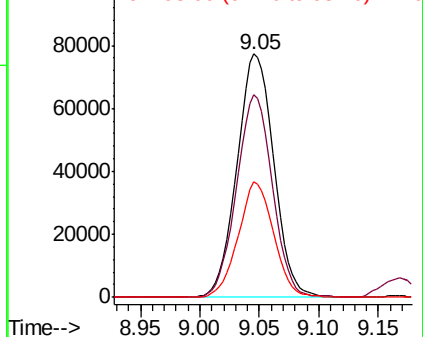
#39
Methylvlcyclohexane
Concen: 38.409 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 166218
Ion Ratio Lower Upper
83 100
55 83.2 66.2 99.4
98 47.2 36.0 54.0

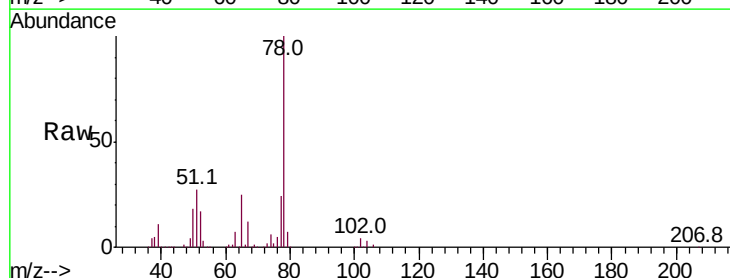


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

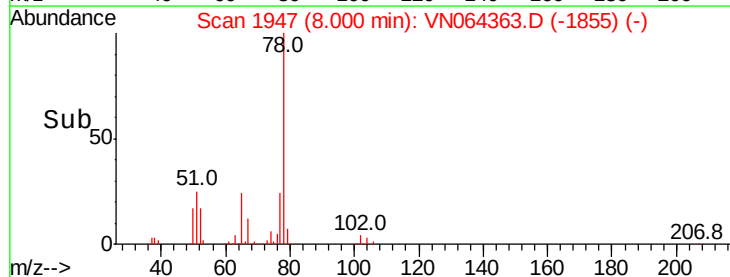
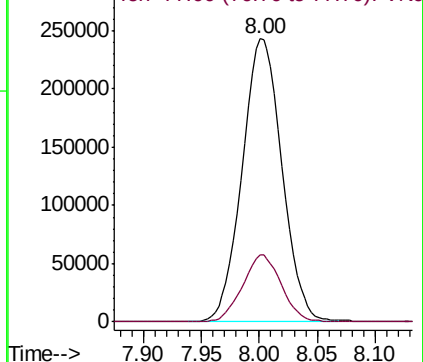


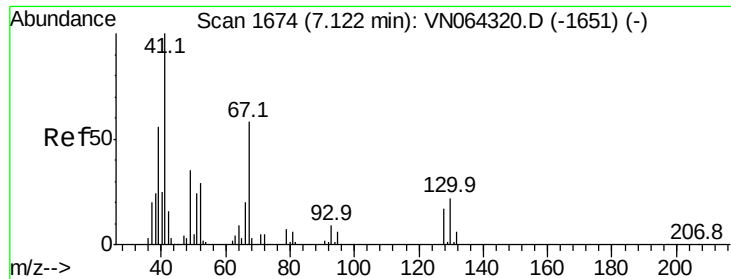
#40
Benzene
Concen: 47.880 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Tgt Ion: 78 Resp: 581669
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



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

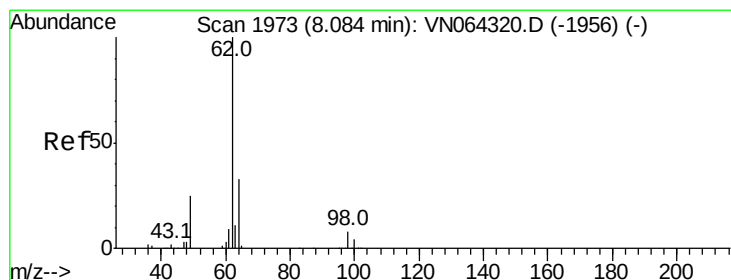
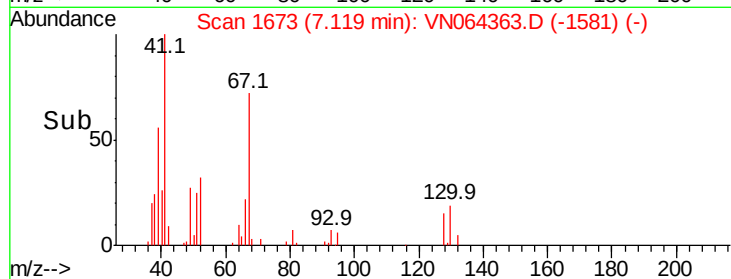
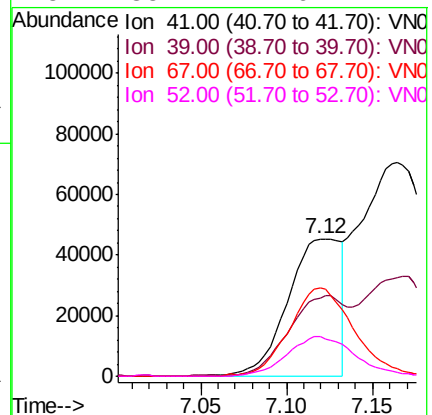
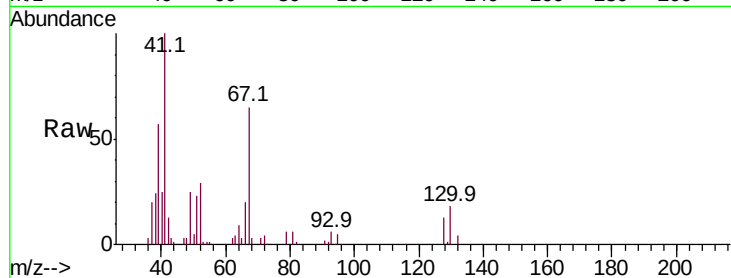




#41
Methacrylonitrile
Concen: 44.749 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

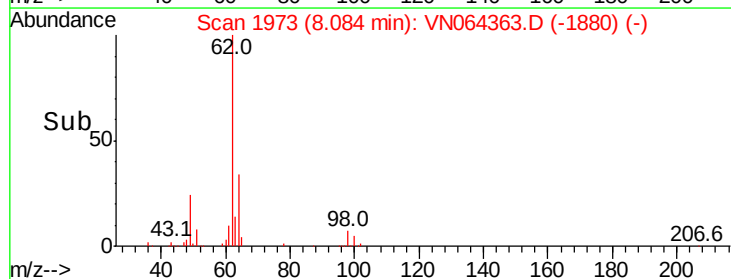
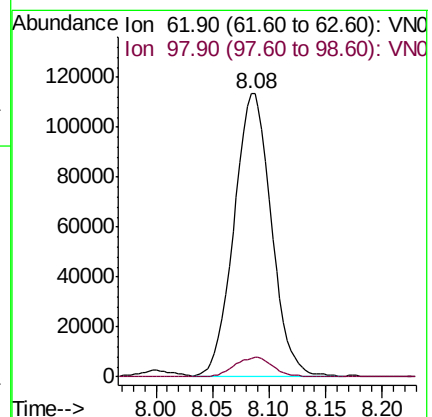
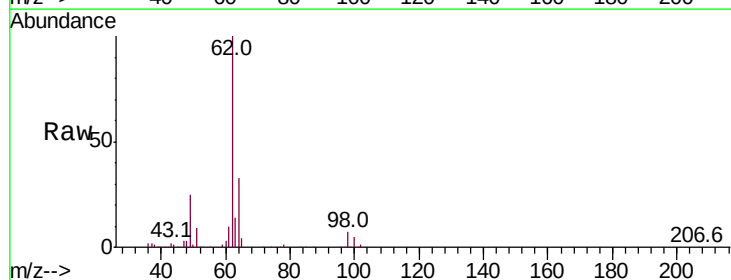
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

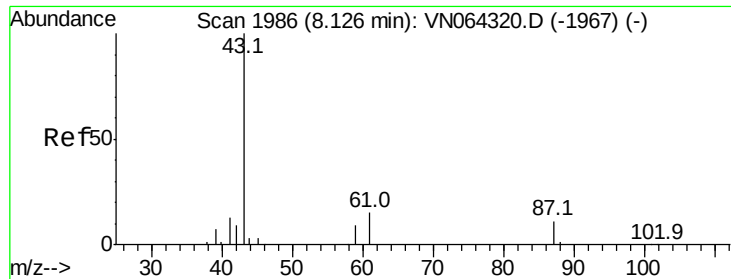
Tot Ion:	41	Resp:	97929
Ion	Ratio	Lower	Upper
41	100		
39	61.1	48.6	72.8
67	78.0	61.4	92.2
52	35.4	27.6	41.4



#42
1,2-Dichloroethane
Concen: 49.500 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Tgt Ion:	62	Resp:	259768
Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	14.2





#43

Isopropyl Acetate

Concen: 50.986 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

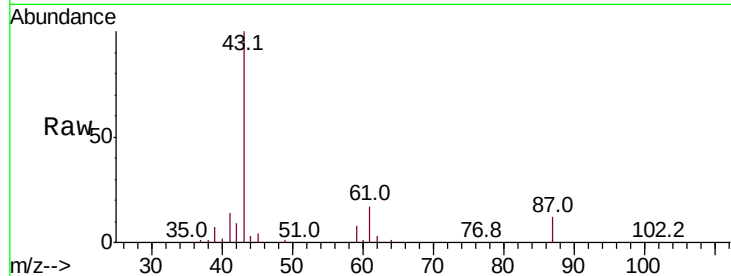
Tot Ion: 43 Resp: 384231

Ion Ratio Lower Upper

43 100

61 15.9 19.1 28.7#

87 11.6 9.3 13.9

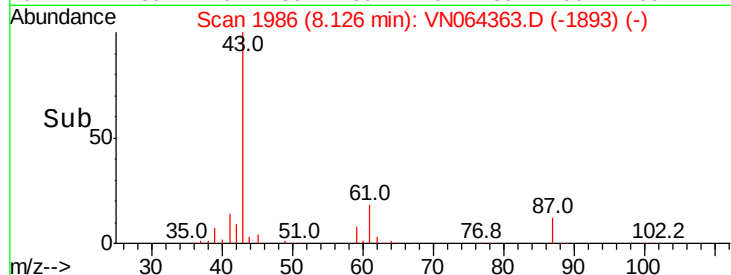


Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN064320.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN064320.D (-1967) (-)

Time-->

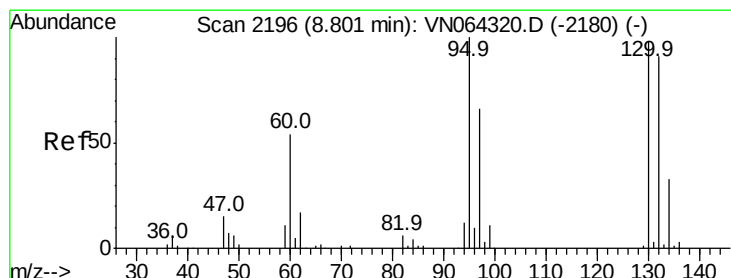


Abundance Ion 43.00 (42.70 to 43.70): VN064363.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064363.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064363.D (-1893) (-)

Time-->



#44

Trichloroethene

Concen: 48.819 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064363.D

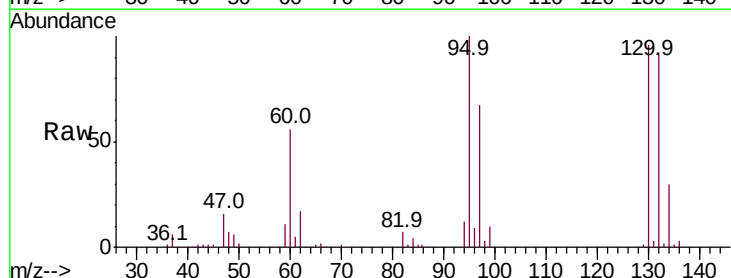
Acq: 28 Oct 2020 19:31

Tgt Ion:130 Resp: 155364

Ion Ratio Lower Upper

130 100

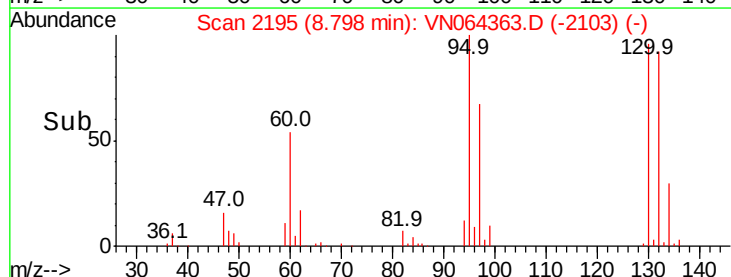
95 104.5 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): VN064320.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064320.D (-2180) (-)

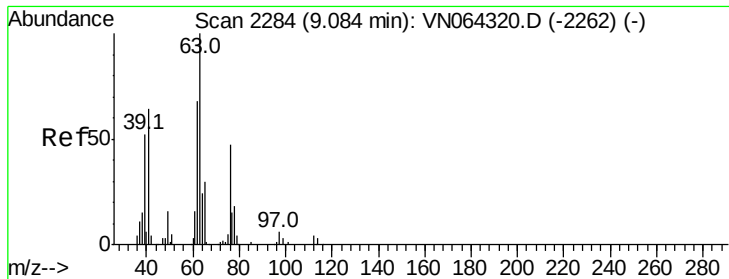
Time-->



Abundance Ion 129.80 (129.50 to 130.50): VN064363.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064363.D (-2103) (-)

Time-->



#45

1,2-Dichloropropane

Concen: 47.996 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

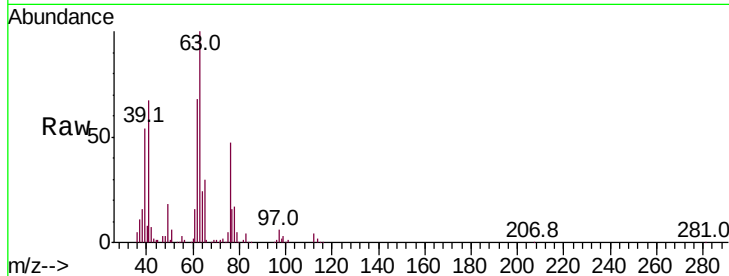
VSTDCCC050EC

Tot Ion: 63 Resp: 156141

Ion Ratio Lower Upper

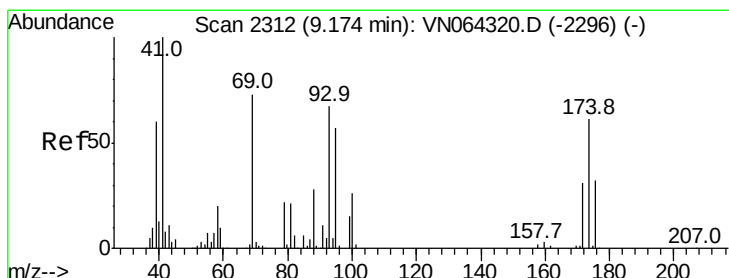
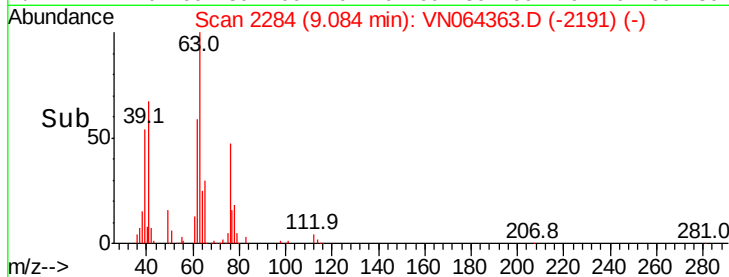
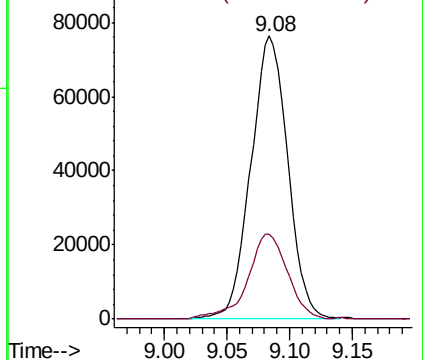
63 100

65 29.7 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 49.617 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

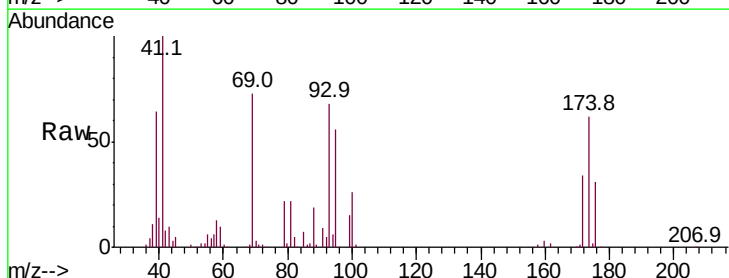
Tgt Ion: 93 Resp: 112922

Ion Ratio Lower Upper

93 100

95 82.0 64.4 96.6

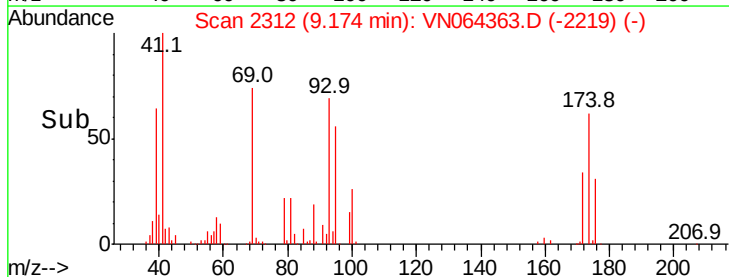
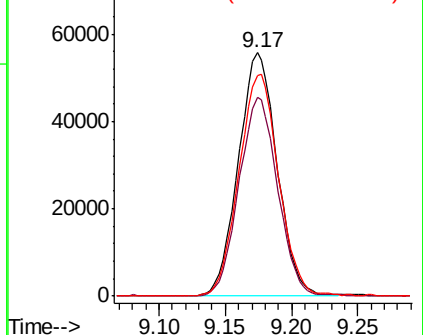
174 93.5 71.4 107.0

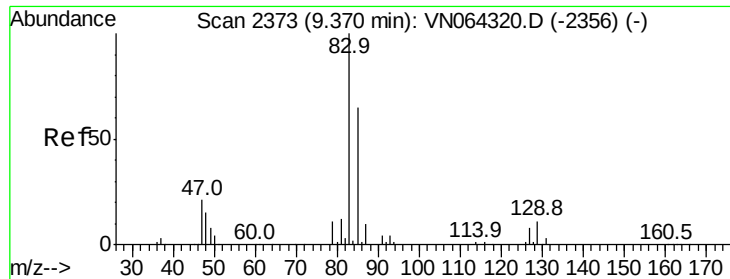


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 47.875 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

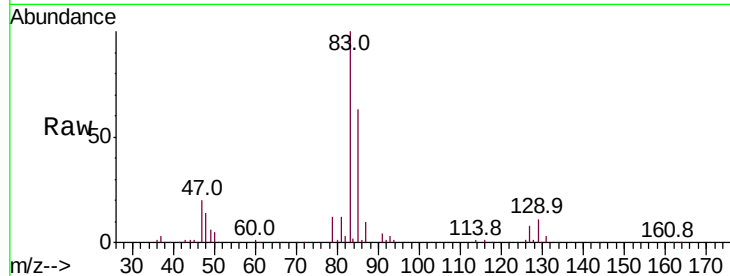
Tot Ion: 83 Resp: 241469

Ion Ratio Lower Upper

83 100

85 62.9 52.1 78.1

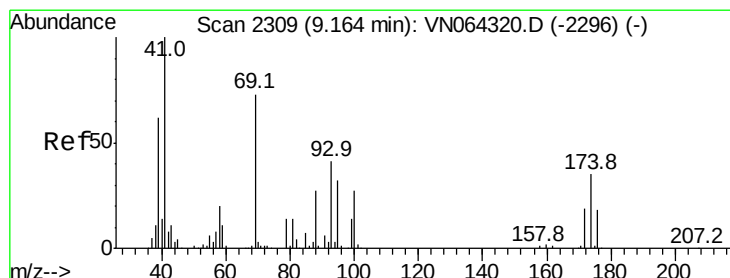
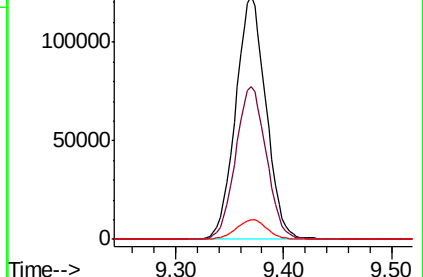
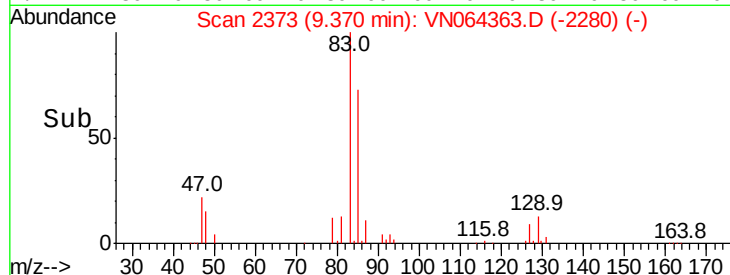
127 8.0 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN064320.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064320.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064320.D (-2356) (-)



#48

Methyl methacrylate

Concen: 49.273 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

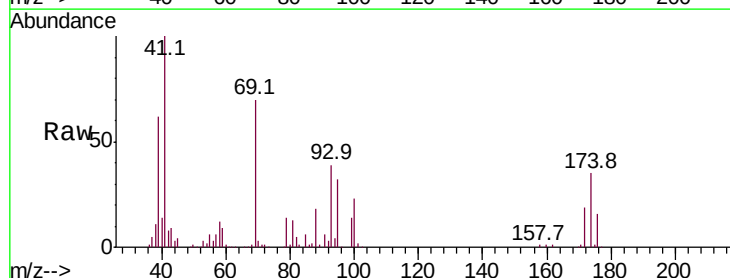
Tgt Ion: 41 Resp: 191580

Ion Ratio Lower Upper

41 100

69 72.6 59.1 88.7

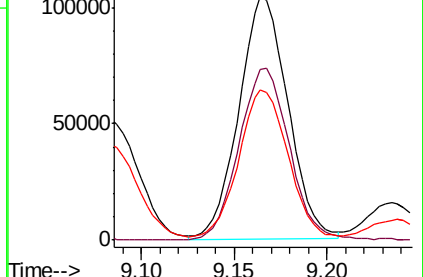
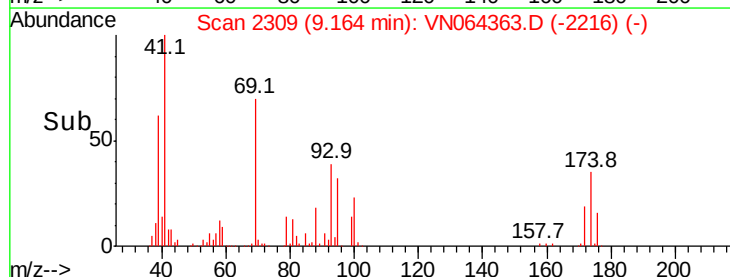
39 63.2 51.3 76.9

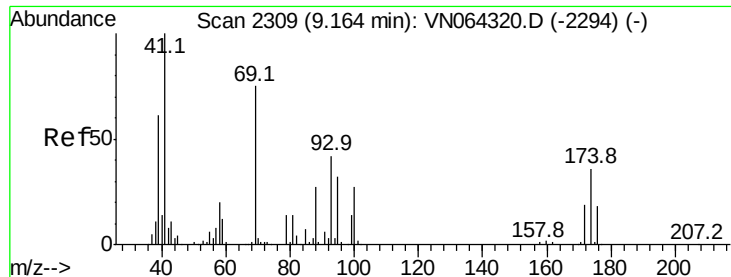


Abundance Ion 41.00 (40.70 to 41.70): VN064320.D (-2296) (-)

Ion 69.00 (68.70 to 69.70): VN064320.D (-2296) (-)

Ion 39.00 (38.70 to 39.70): VN064320.D (-2296) (-)





#49

1,4-Dioxane

Concen: 678.837 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

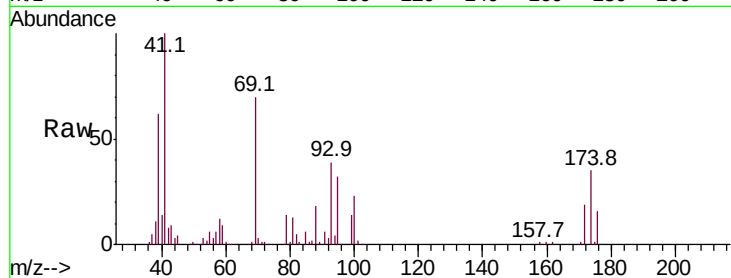
Tot Ion: 88 Resp: 38903

Ion Ratio Lower Upper

88 100

43 41.8 31.8 47.8

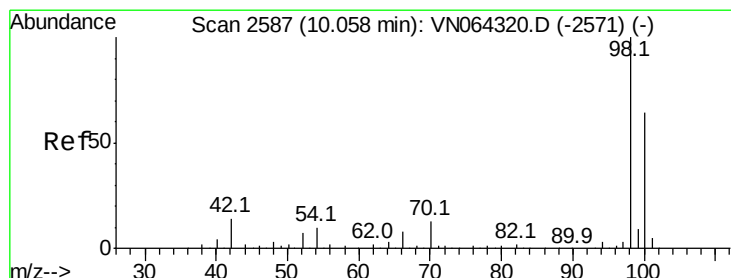
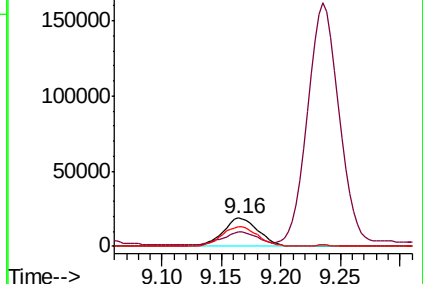
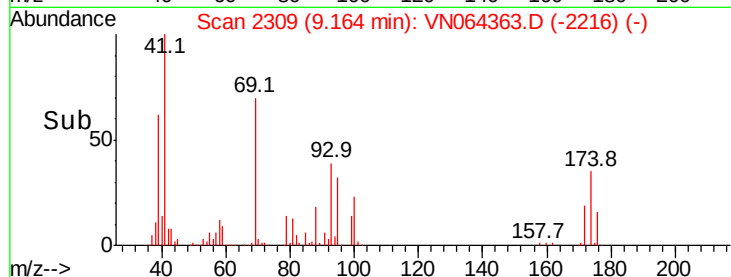
58 70.9 60.3 90.5



Abundance Ion 88.00 (87.70 to 88.70): VN064363.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN064363.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN064363.D (-2216) (-)



#50

Toluene-d8

Concen: 46.984 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064363.D

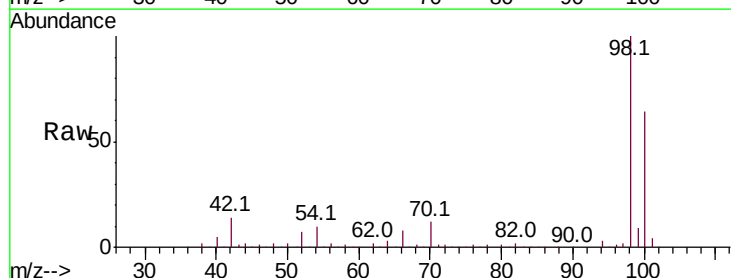
Acq: 28 Oct 2020 19:31

Tgt Ion: 98 Resp: 501189

Ion Ratio Lower Upper

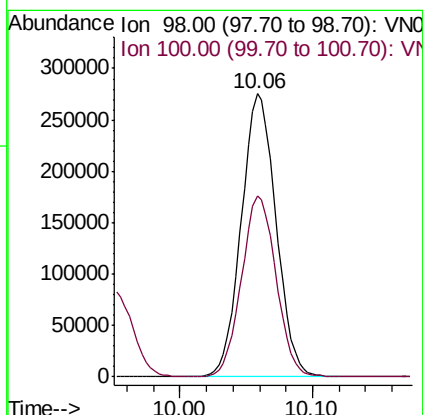
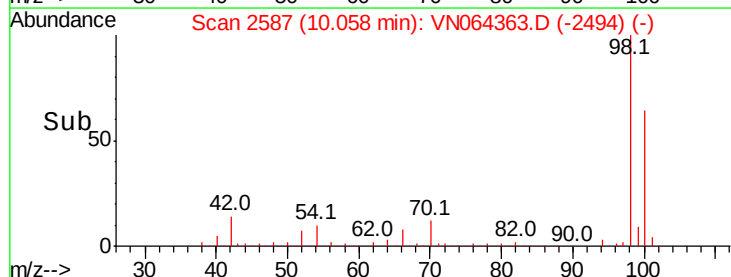
98 100

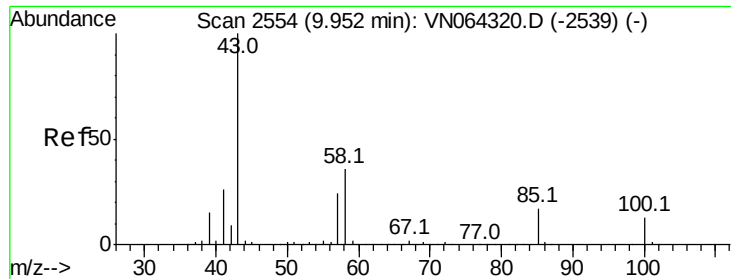
100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN064363.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064363.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 248.682 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

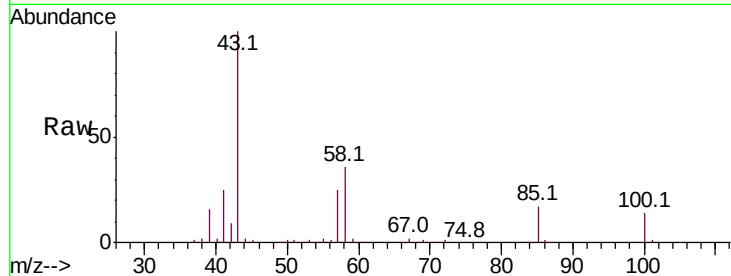
VSTDCCC050EC

Tot Ion: 43 Resp: 1089369

Ion Ratio Lower Upper

43 100

58 35.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

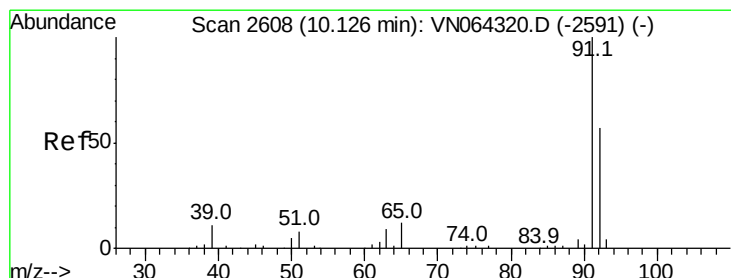
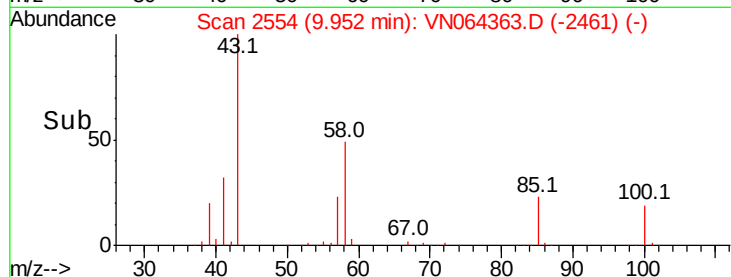
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.243 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064363.D

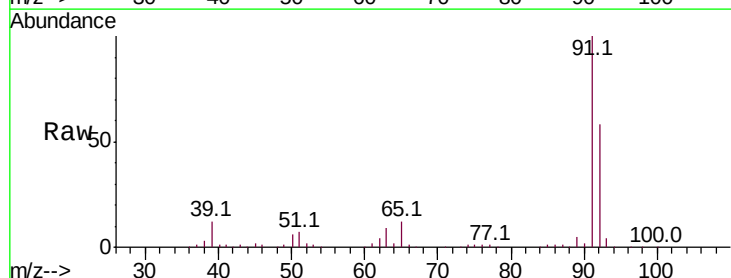
Acq: 28 Oct 2020 19:31

Tgt Ion: 92 Resp: 369834

Ion Ratio Lower Upper

92 100

91 174.5 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.13

400000

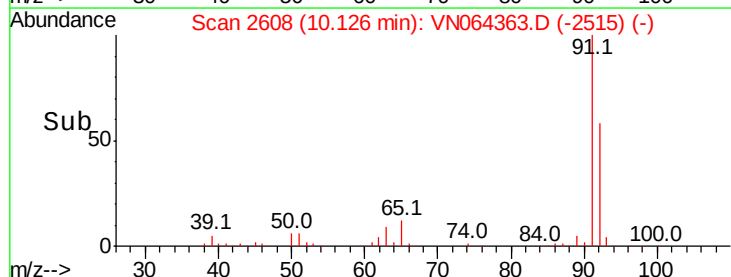
300000

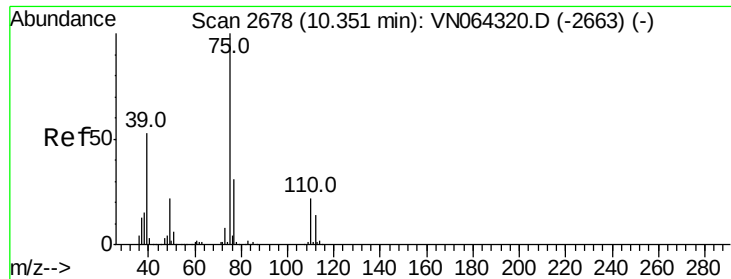
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.331 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

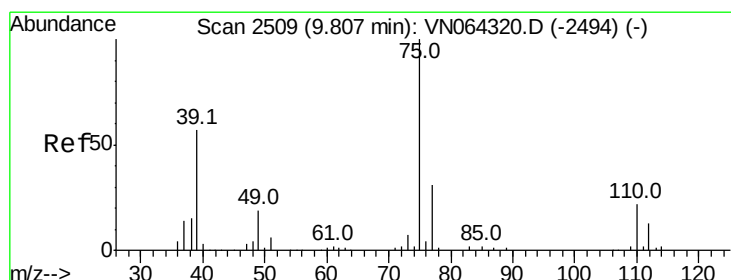
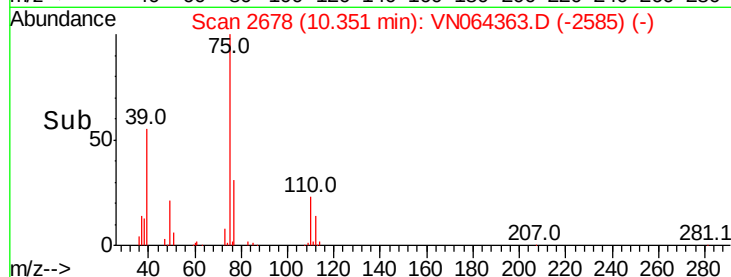
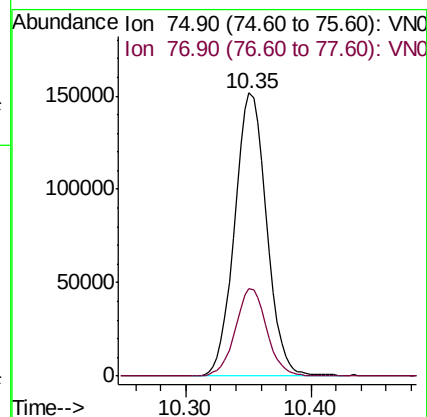
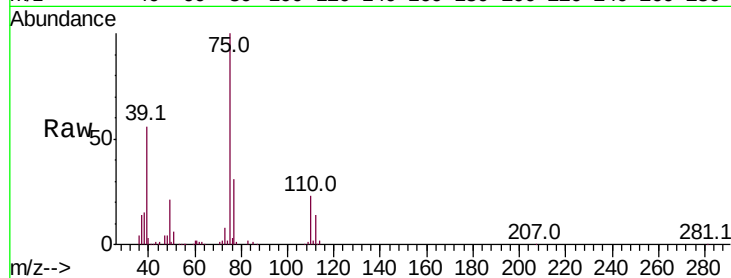
VSTDCCC050EC

Tot Ion: 75 Resp: 268413

Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 49.072 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

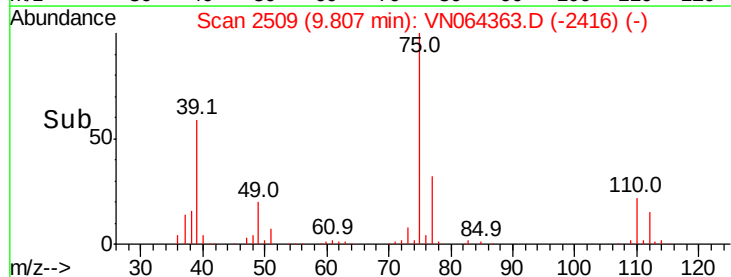
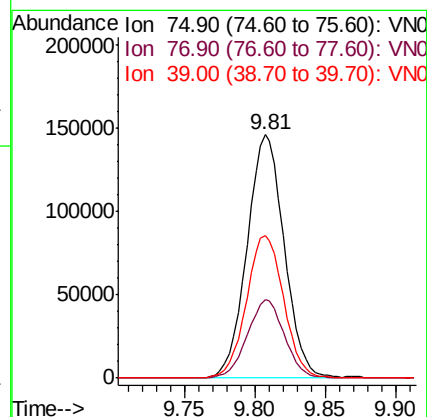
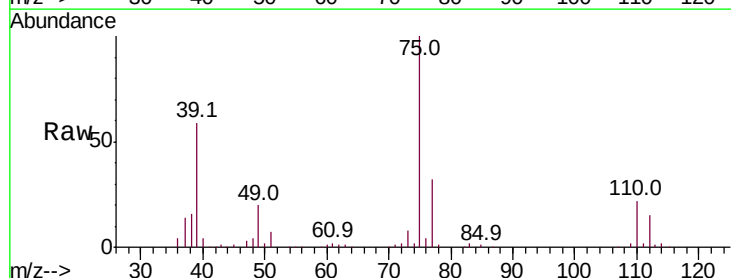
Tgt Ion: 75 Resp: 269391

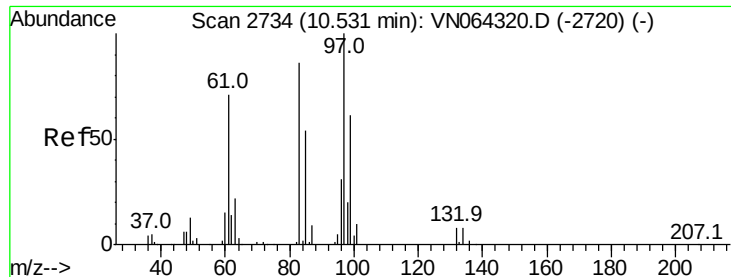
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4

39 58.7 45.5 68.3





#55

1,1,2-Trichloroethane

Concen: 50.719 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 153477

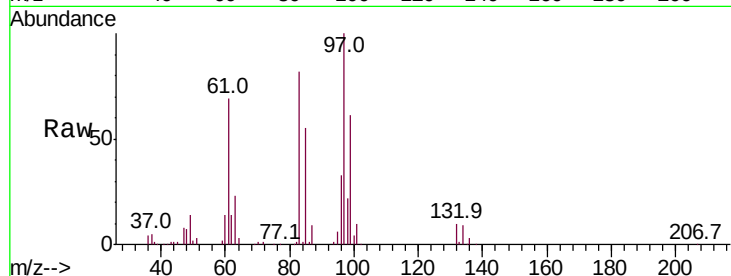
Ion	Ratio	Lower	Upper
97	100		
83	82.4	68.9	103.3
85	54.8	43.6	65.4
99	60.8	49.2	73.8

97 100

83 82.4 68.9 103.3

85 54.8 43.6 65.4

99 60.8 49.2 73.8



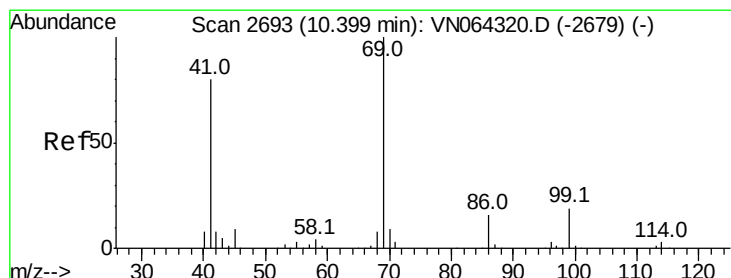
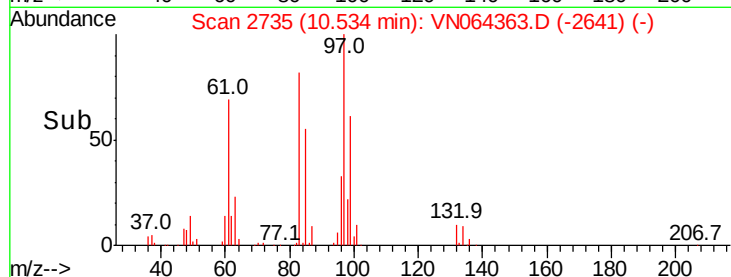
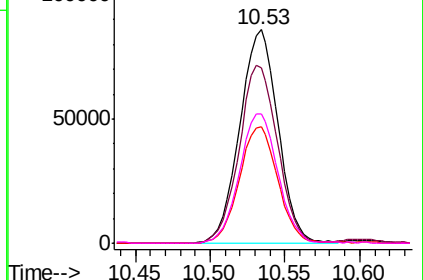
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 51.485 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

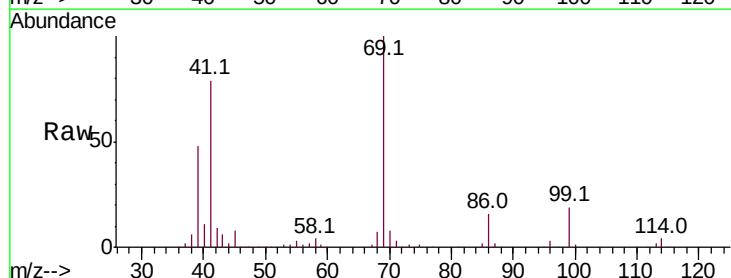
Tgt Ion: 69 Resp: 235839

Ion	Ratio	Lower	Upper
69	100		
41	76.5	61.4	92.2
39	46.2	36.5	54.7

69 100

41 76.5 61.4 92.2

39 46.2 36.5 54.7

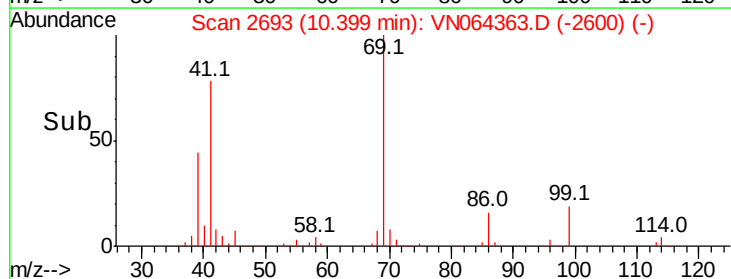
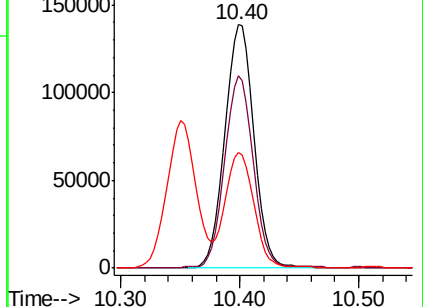


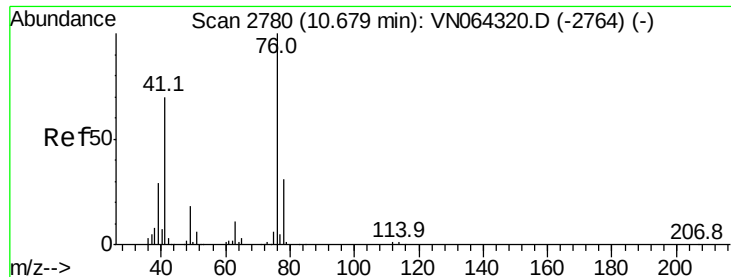
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 50.647 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

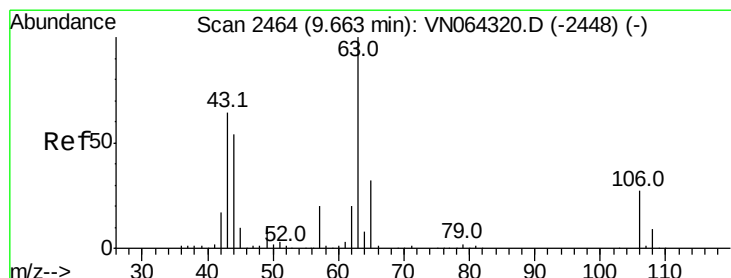
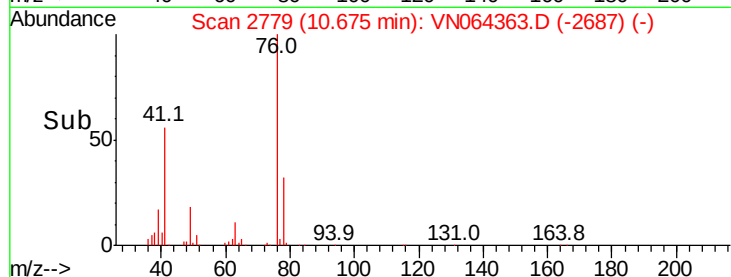
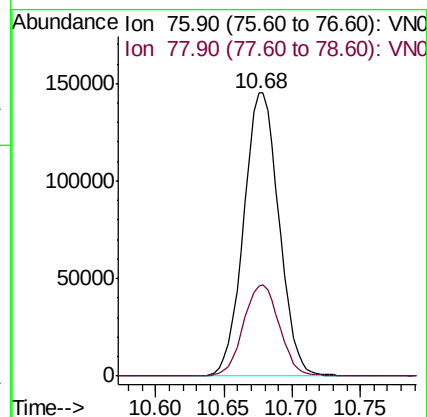
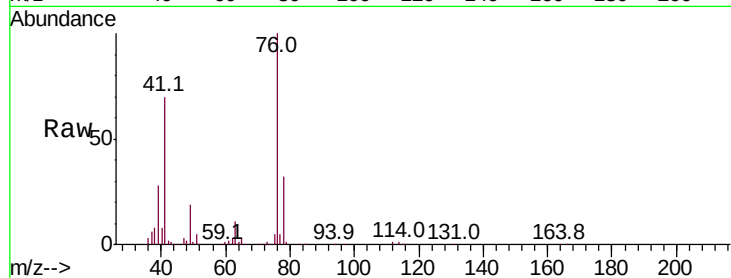
VSTDCCC050EC

Tot Ion: 76 Resp: 261431

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 227.878 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064363.D

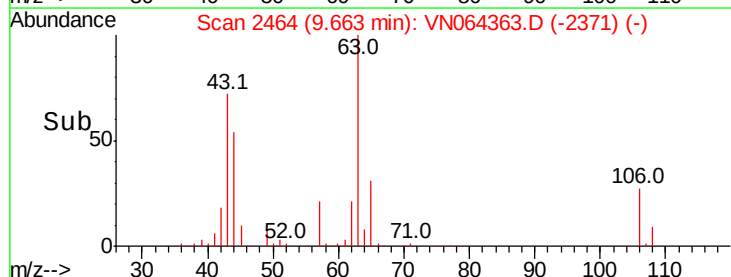
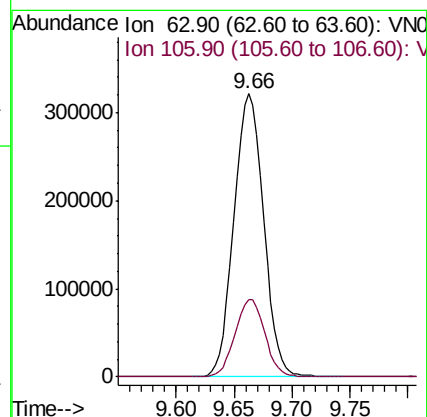
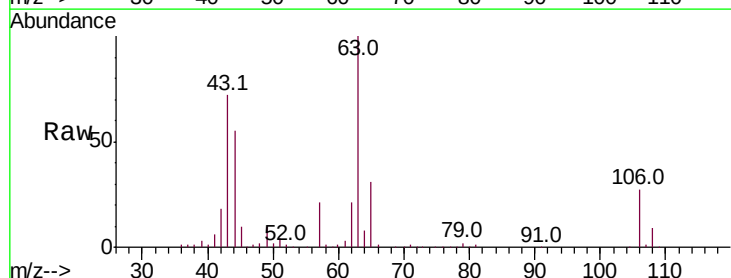
Acq: 28 Oct 2020 19:31

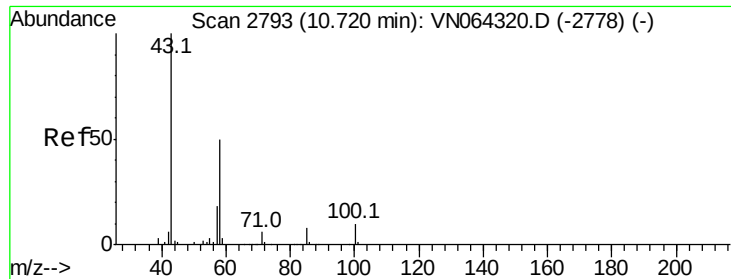
Tgt Ion: 63 Resp: 569614

Ion Ratio Lower Upper

63 100

106 27.3 21.0 31.4

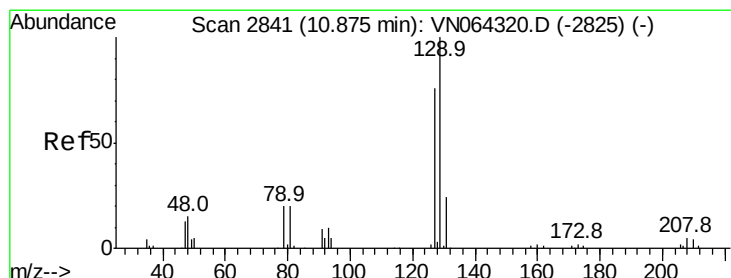
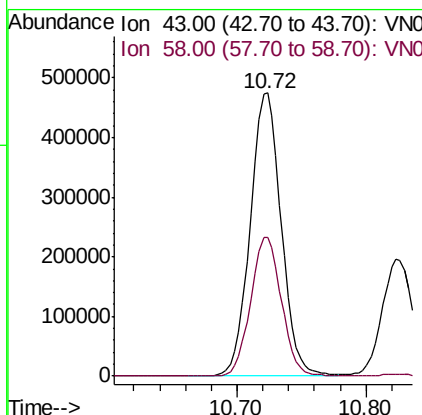
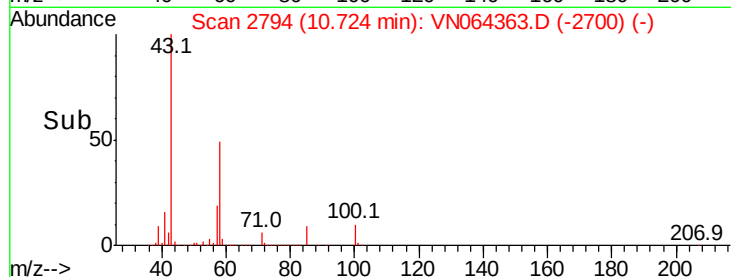
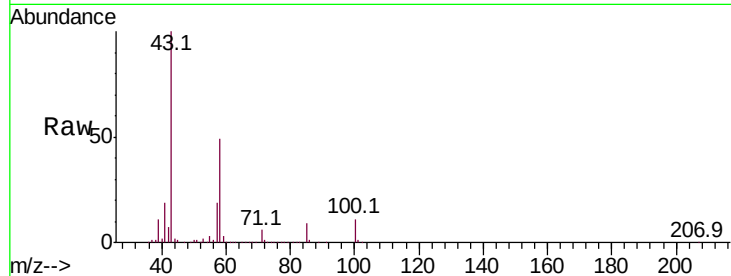




#59
2-Hexanone
Concen: 246.038 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

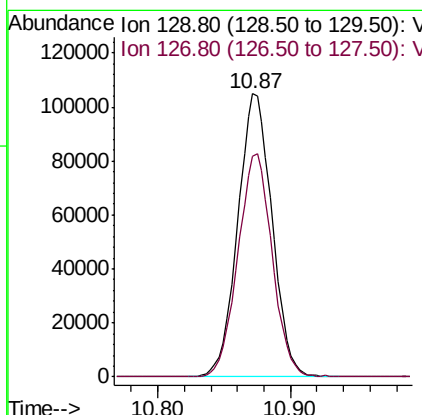
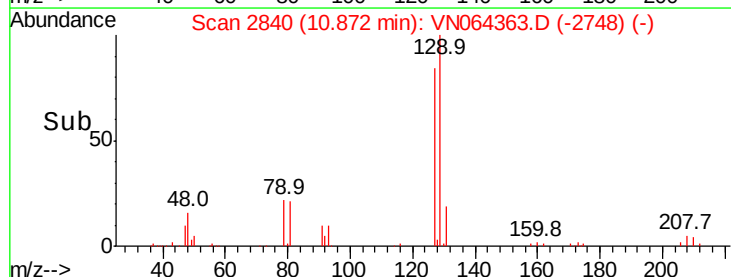
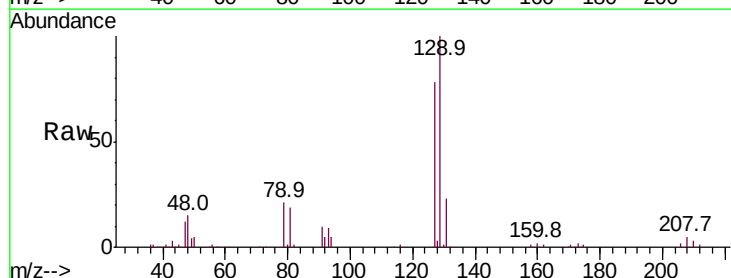
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

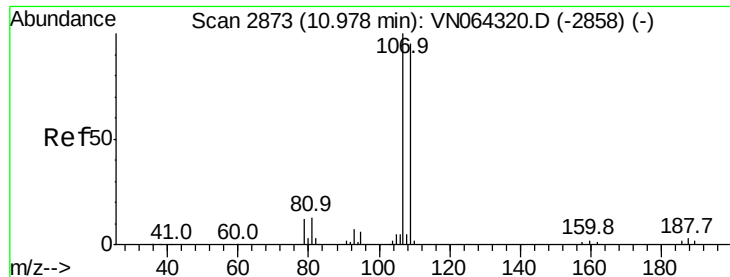
Tot Ion: 43 Resp: 793791
Ion Ratio Lower Upper
43 100
58 49.0 25.0 75.0



#60
Dibromochloromethane
Concen: 52.411 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Tgt Ion: 129 Resp: 187518
Ion Ratio Lower Upper
129 100
127 79.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.903 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

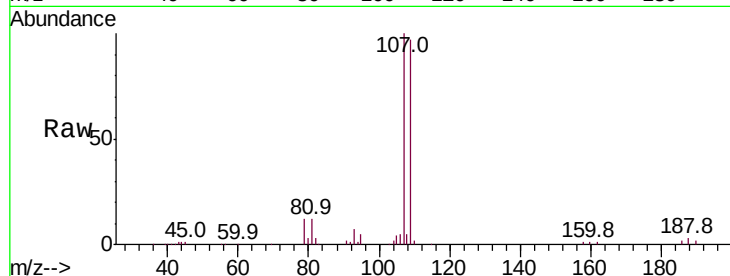
VSTDCCC050EC

Tot Ion:107 Resp: 160034

Ion Ratio Lower Upper

107 100

109 98.5 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

100000

80000

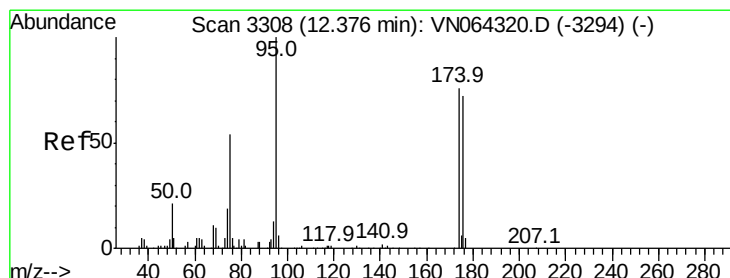
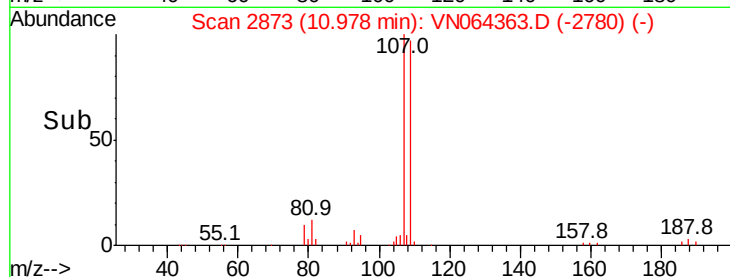
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.813 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

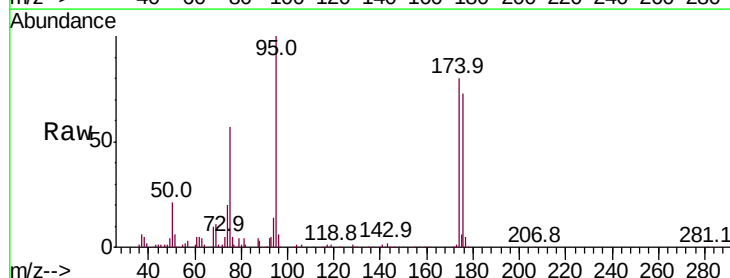
Tgt Ion: 95 Resp: 194699

Ion Ratio Lower Upper

95 100

174 76.8 0.0 147.4

176 73.8 0.0 143.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

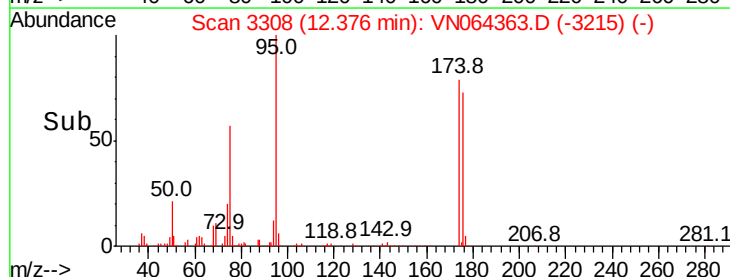
150000

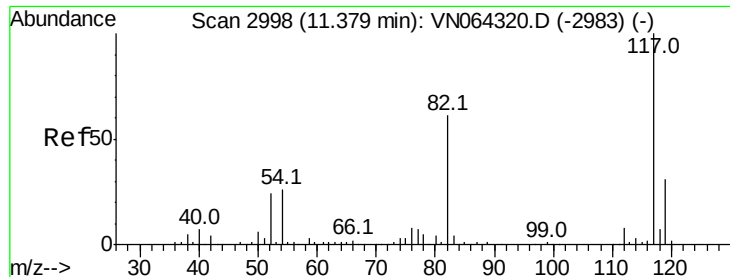
100000

50000

0

Time-->

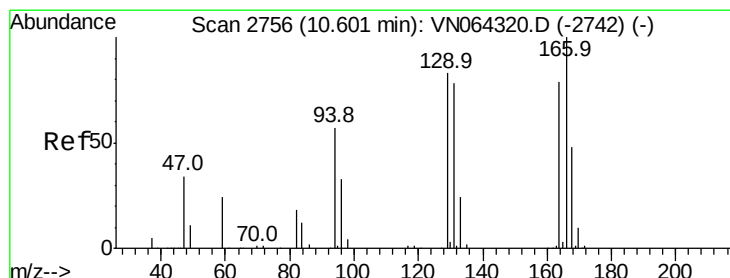
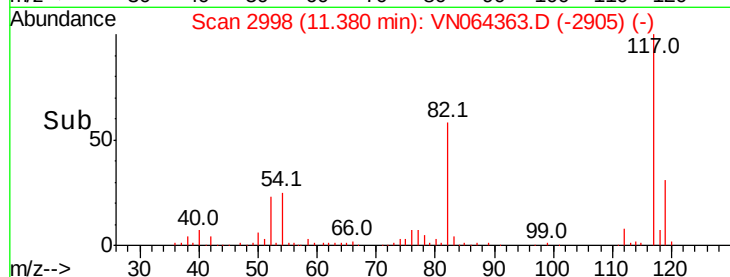
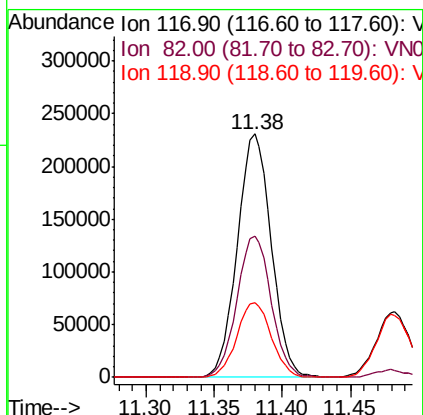
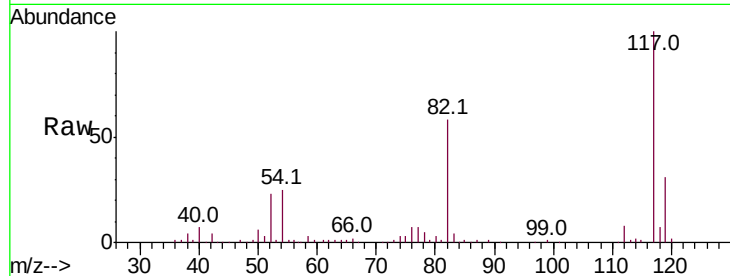




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

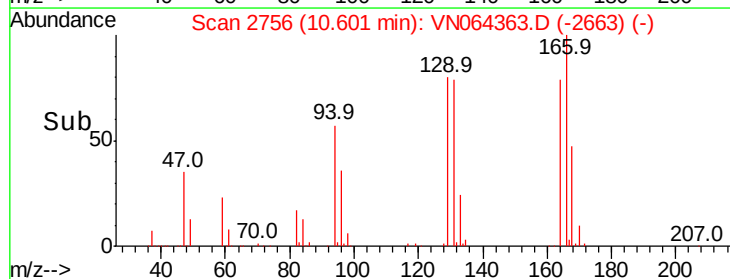
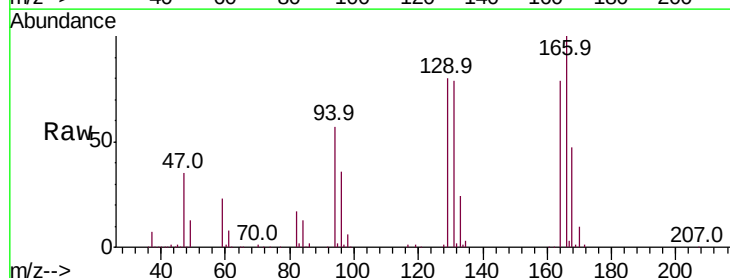
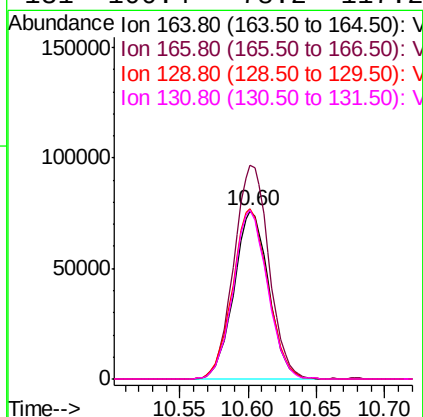
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

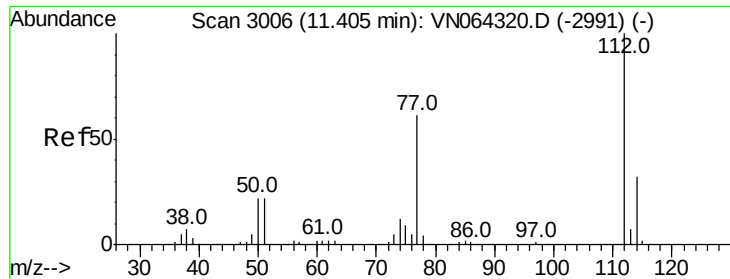
Tot Ion:117 Resp: 398757
Ion Ratio Lower Upper
117 100
82 58.1 48.8 73.2
119 30.7 25.1 37.7



#64
Tetrachloroethene
Concen: 40.899 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Tgt Ion:164 Resp: 134041
Ion Ratio Lower Upper
164 100
166 127.2 100.7 151.1
129 101.4 83.7 125.5
131 100.4 78.2 117.2

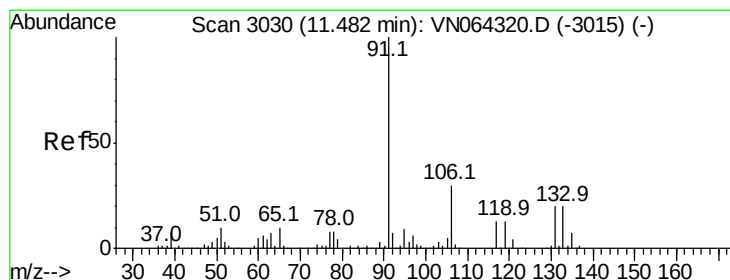
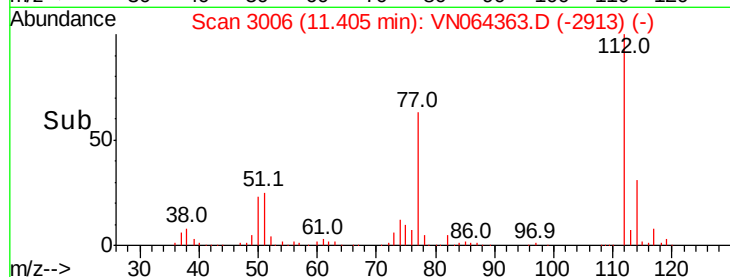
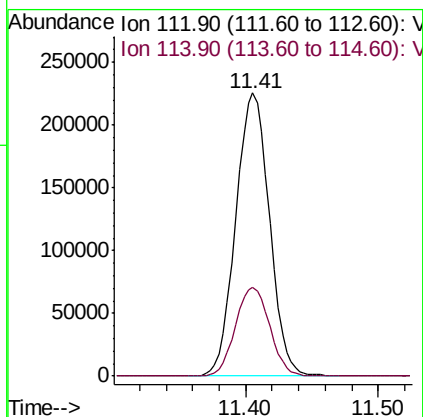
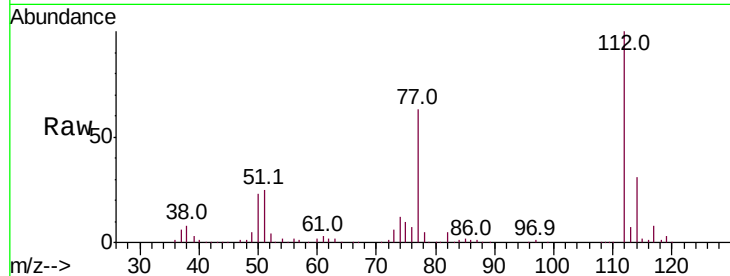




#65
Chlorobenzene
Concen: 49.220 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

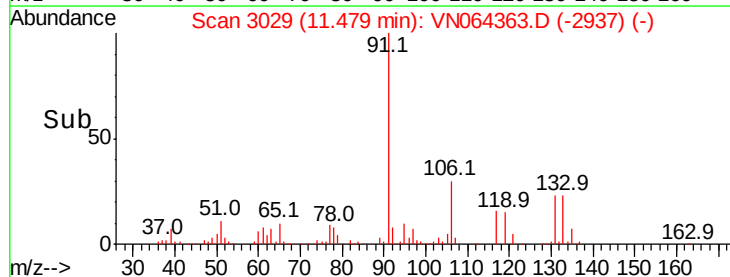
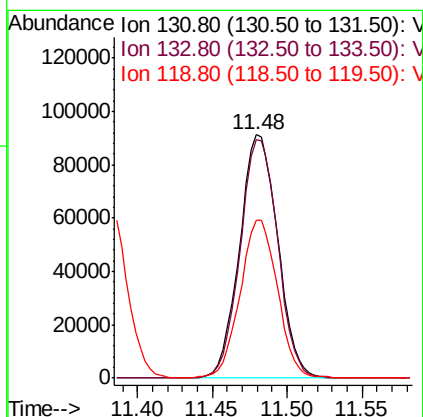
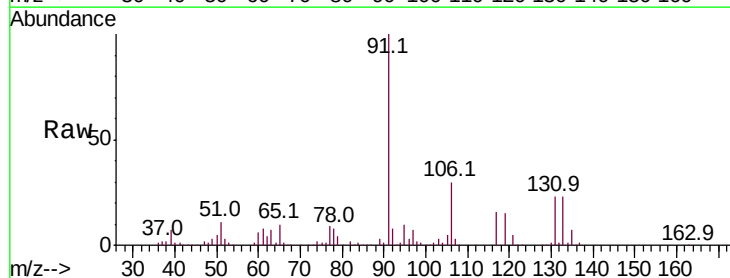
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

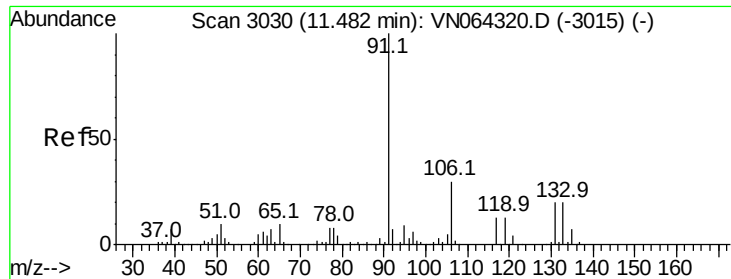
Tot Ion:112 Resp: 397900
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.694 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Tgt Ion:131 Resp: 162375
Ion Ratio Lower Upper
131 100
133 96.4 49.3 147.8
119 63.7 32.3 96.9

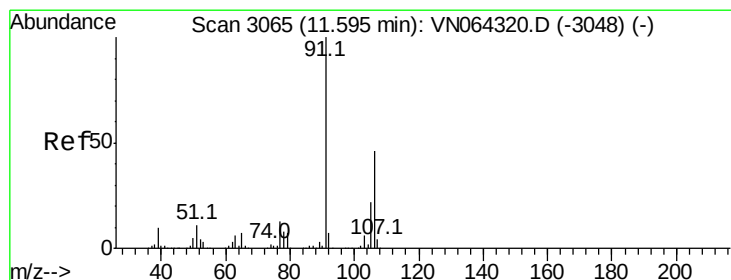
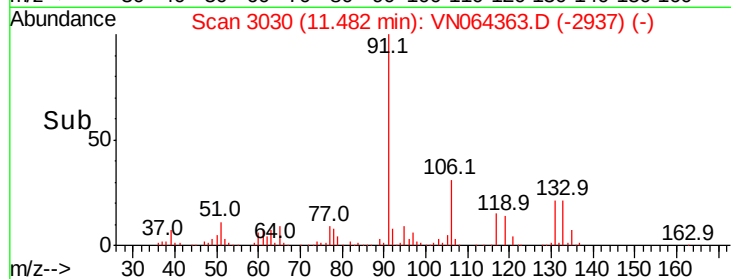
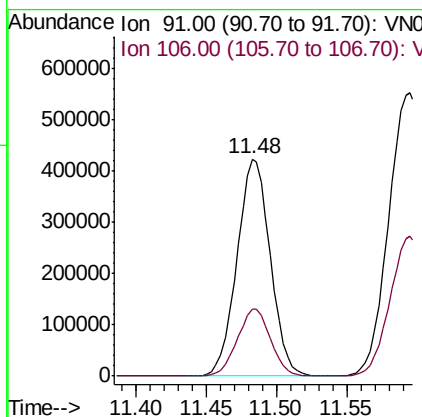
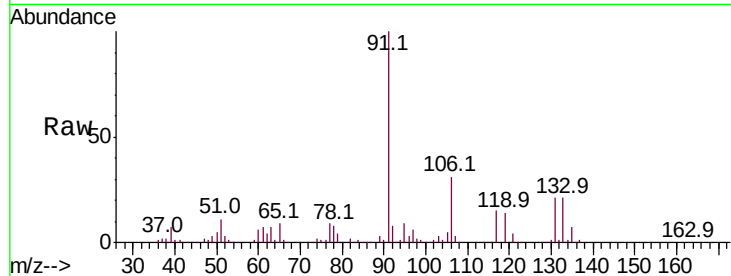




#67
Ethyl Benzene
Concen: 46.529 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

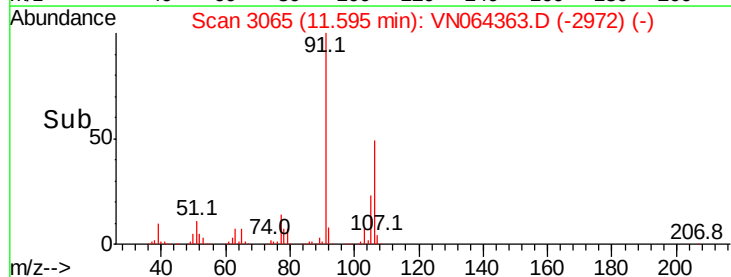
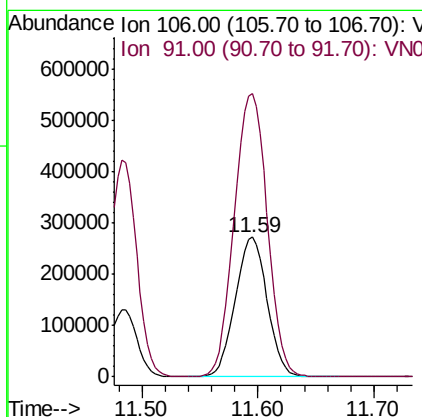
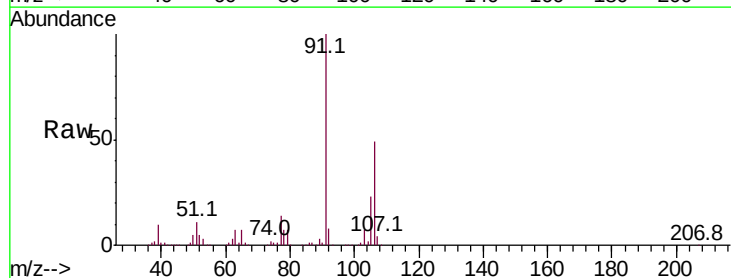
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

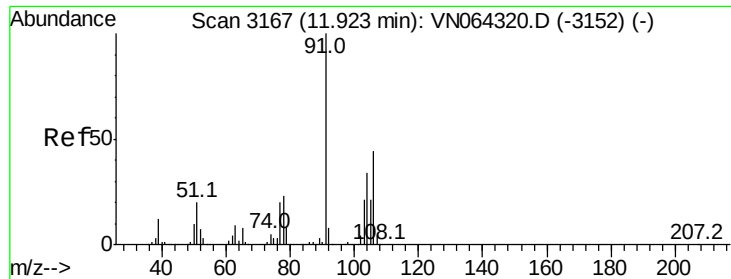
Tot Ion: 91 Resp: 699313
Ion Ratio Lower Upper
91 100
106 30.9 23.7 35.5



#68
m/p-Xylenes
Concen: 93.042 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Tgt Ion: 106 Resp: 518225
Ion Ratio Lower Upper
106 100
91 209.7 170.2 255.4

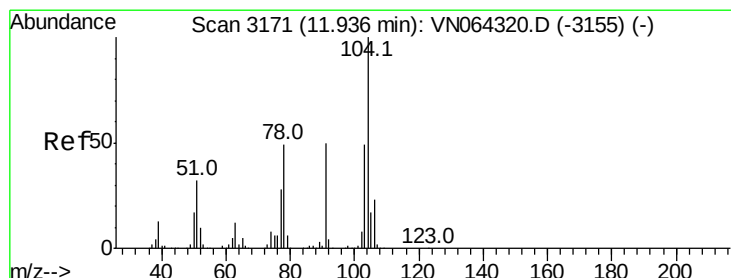
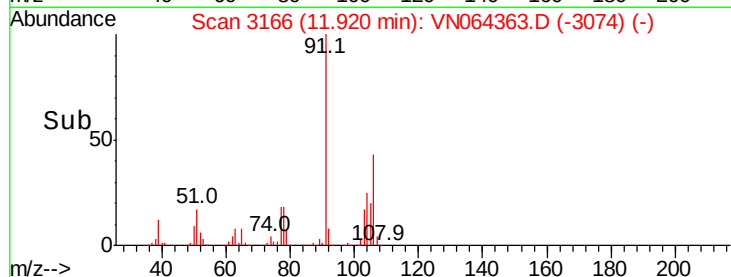
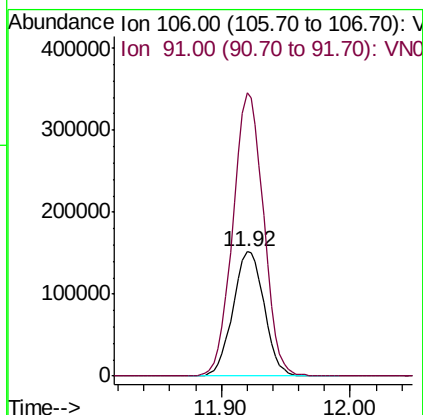
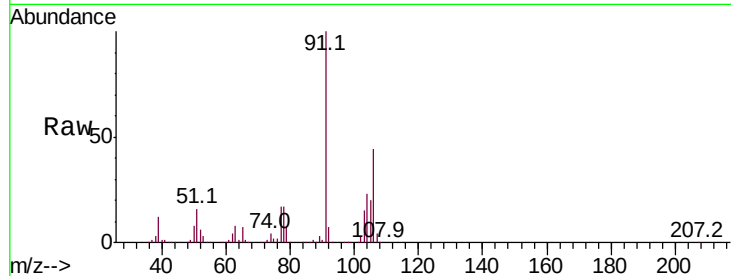




#69
o-Xylene
Concen: 47.626 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

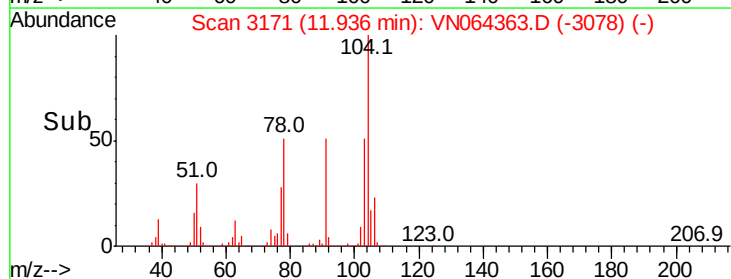
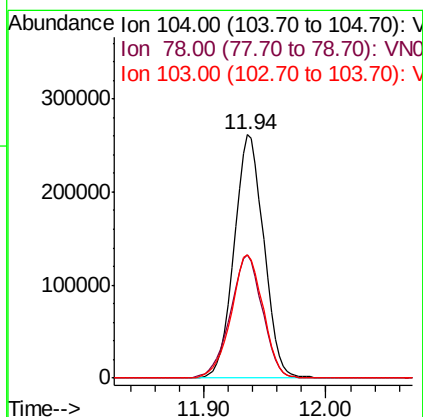
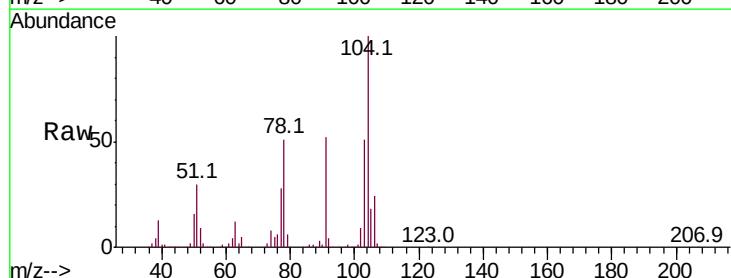
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

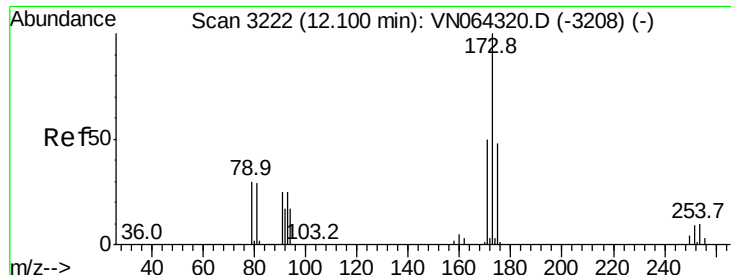
Tot Ion:106 Resp: 255563
Ion Ratio Lower Upper
106 100
91 223.2 114.5 343.5



#70
Styrene
Concen: 50.062 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Tgt Ion:104 Resp: 440448
Ion Ratio Lower Upper
104 100
78 55.3 43.7 65.5
103 54.6 43.3 64.9

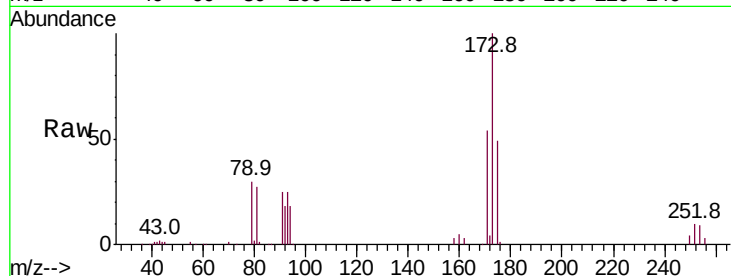




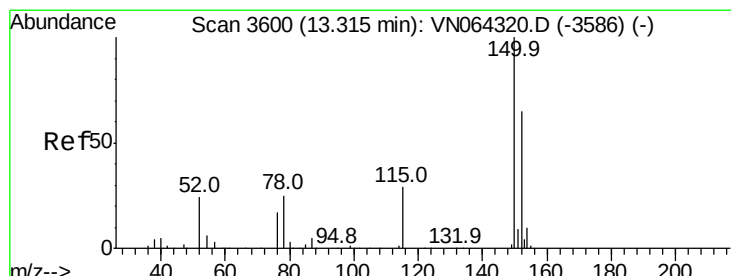
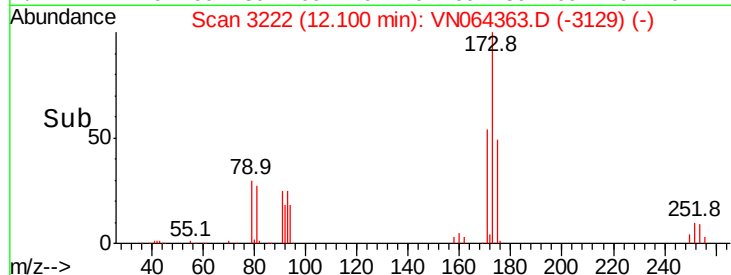
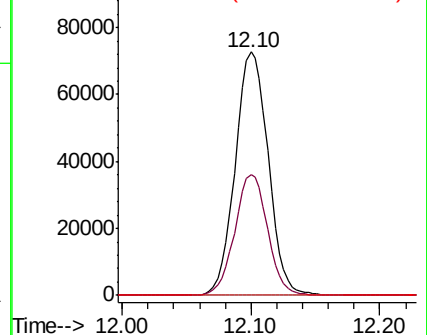
#71
Bromoform
Concen: 50.420 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 129301
Ion Ratio Lower Upper
173 100
175 49.1 25.4 76.0
254 0.0 0.0 0.0

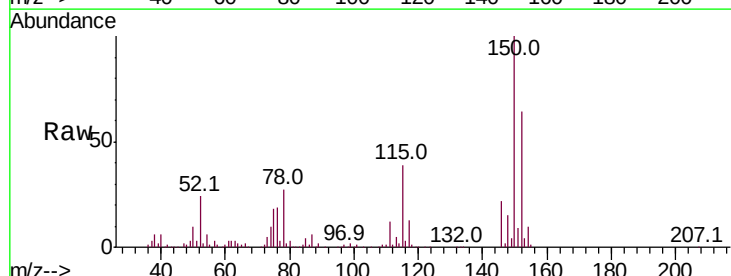


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

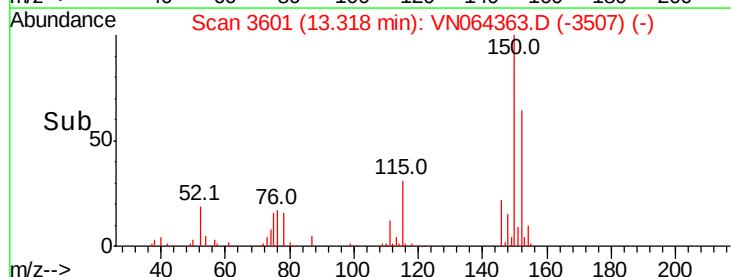
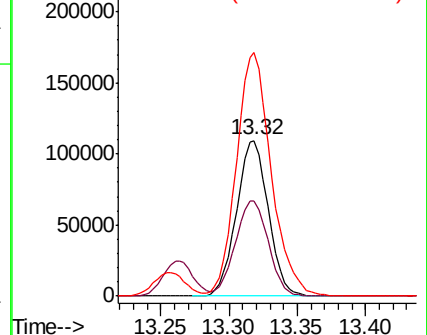


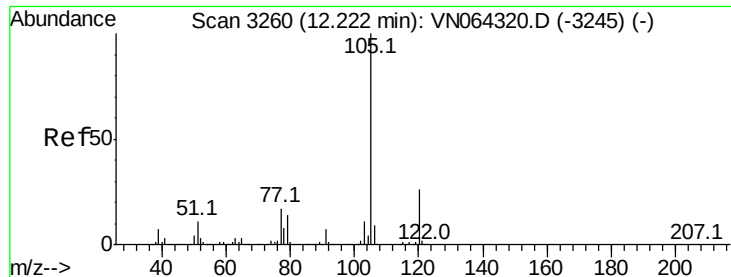
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Tgt Ion:152 Resp: 177330
Ion Ratio Lower Upper
152 100
115 63.4 31.5 94.5
150 170.7 0.0 346.2



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

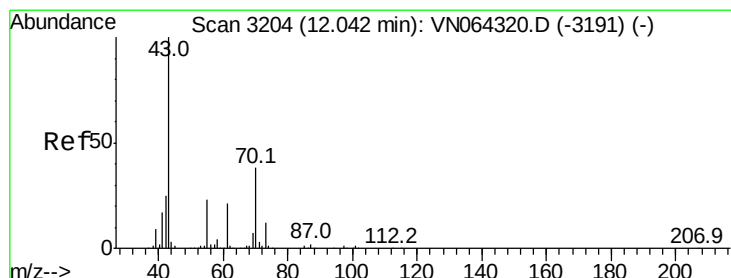
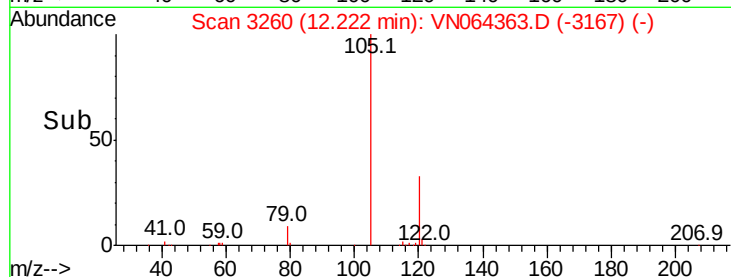
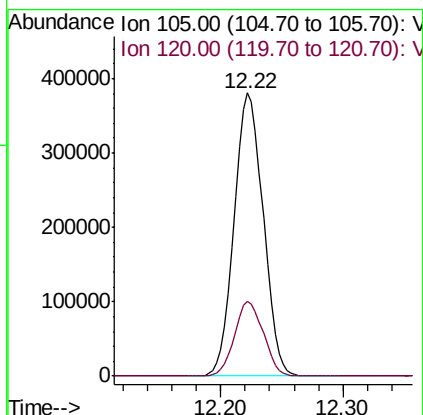
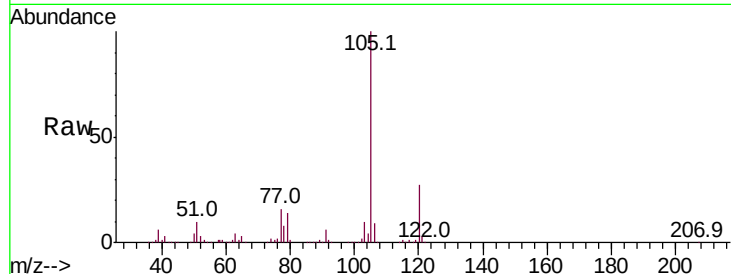




#73
Isopropylbenzene
Concen: 47.334 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

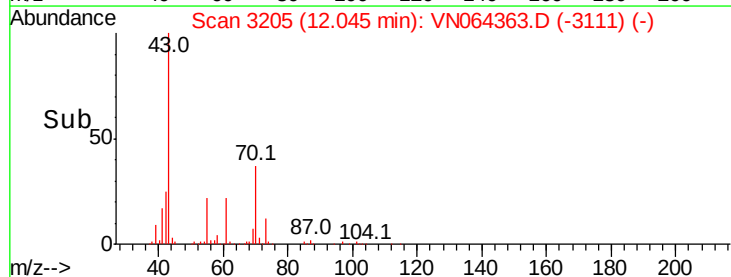
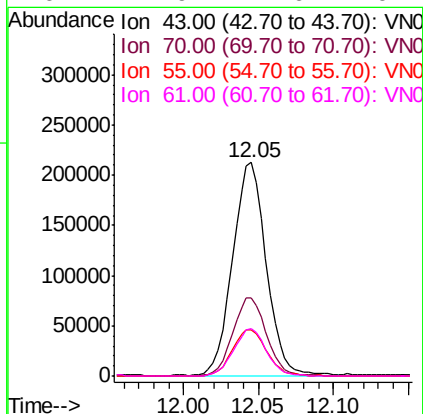
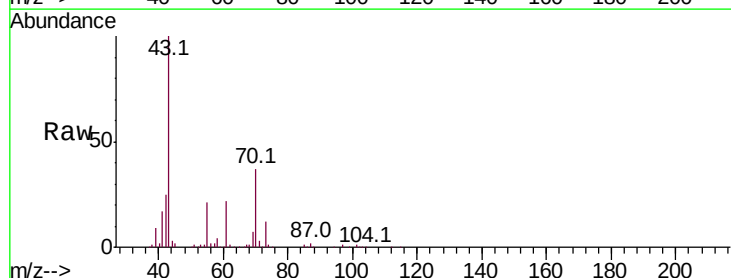
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

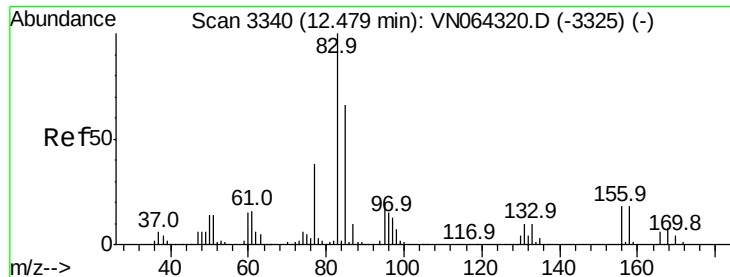
Tot Ion:105 Resp: 628670
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5



#74
N-ethyl acetate
Concen: 56.713 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Tgt Ion: 43 Resp: 331542
Ion Ratio Lower Upper
43 100
70 36.7 30.6 45.8
55 22.4 18.2 27.4
61 21.9 17.6 26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.250 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

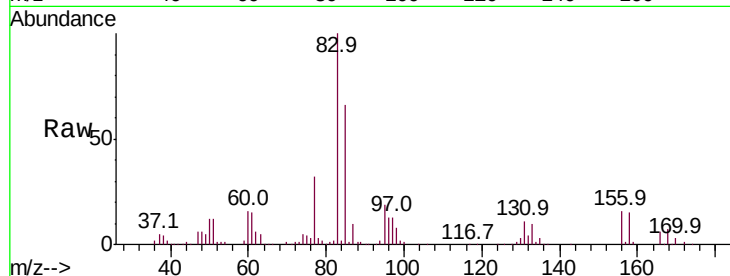
Tot Ion: 83 Resp: 205576

Ion Ratio Lower Upper

83 100

131 11.4 5.4 16.2

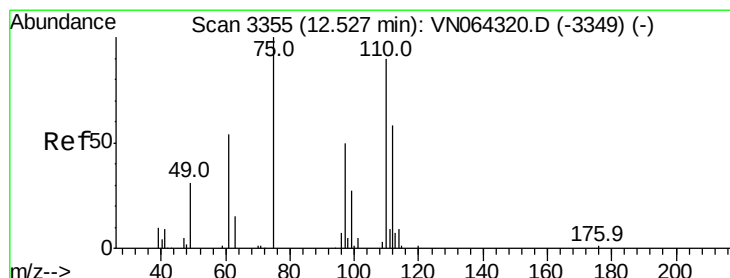
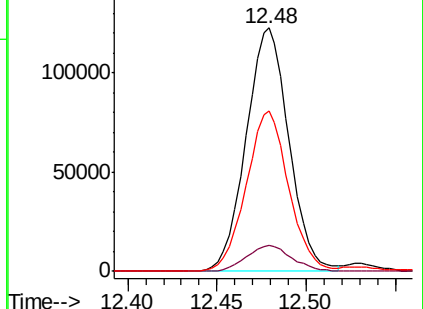
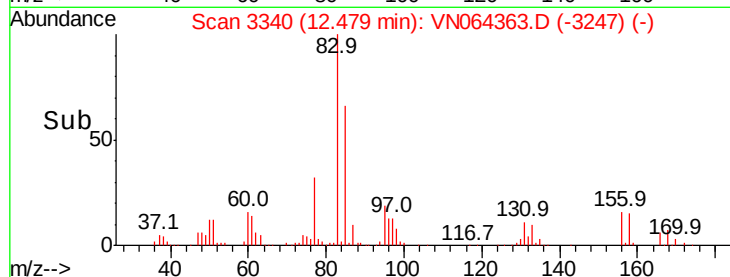
85 65.1 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VN064363.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN064363.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN064363.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 70.311 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064363.D

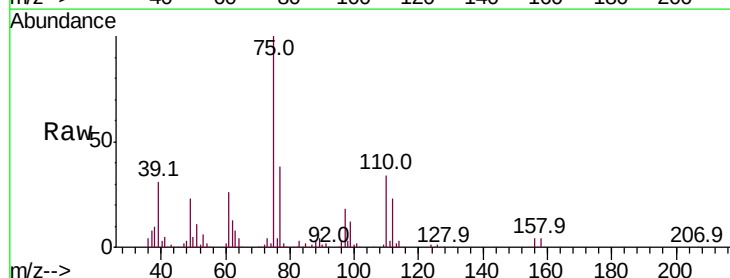
Acq: 28 Oct 2020 19:31

Tgt Ion: 75 Resp: 298580

Ion Ratio Lower Upper

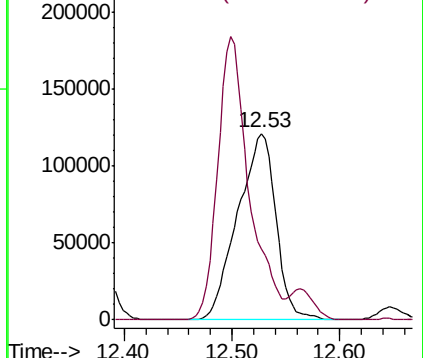
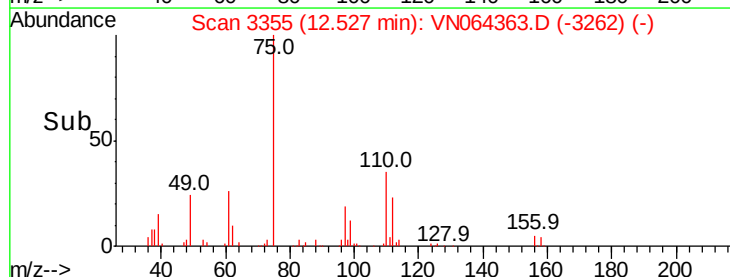
75 100

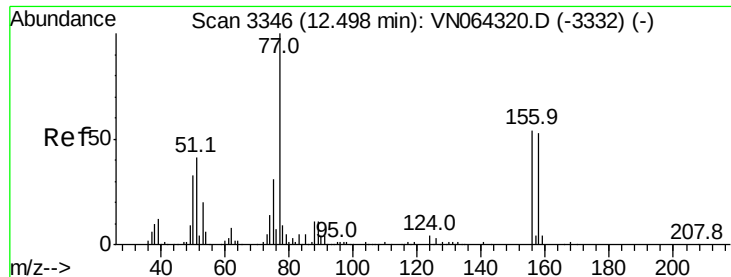
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064363.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064363.D (-3262) (-)





#77

Bromobenzene

Concen: 52.021 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

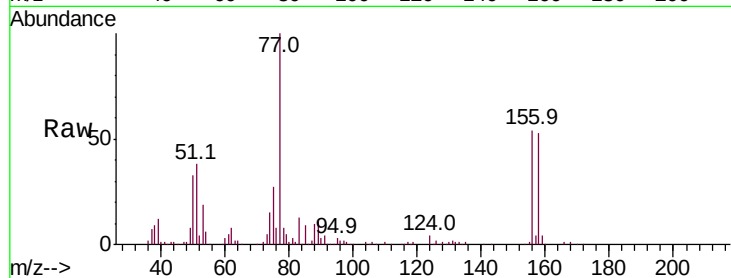
Tot Ion:156 Resp: 169187

Ion Ratio Lower Upper

156 100

77 221.6 111.9 335.7

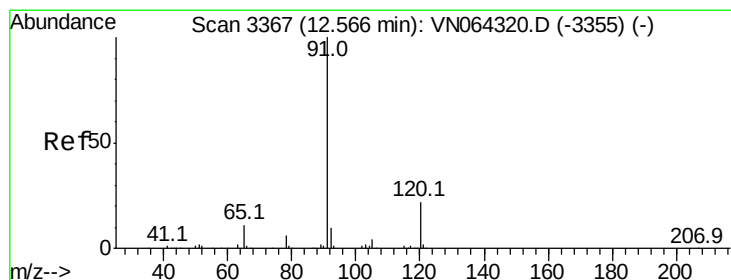
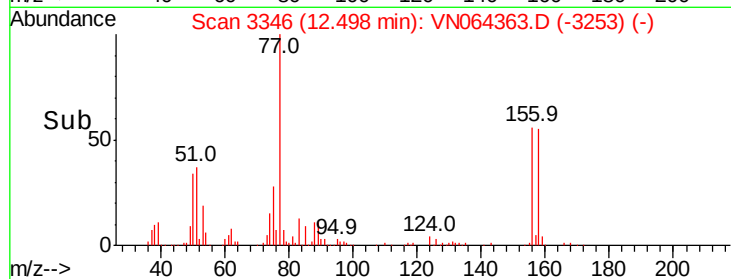
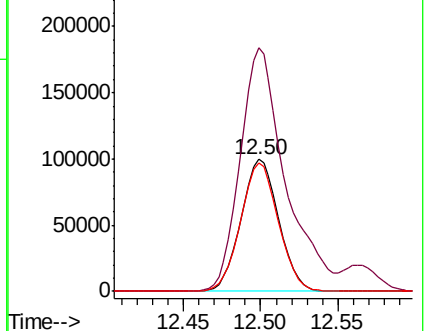
158 97.5 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.522 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064363.D

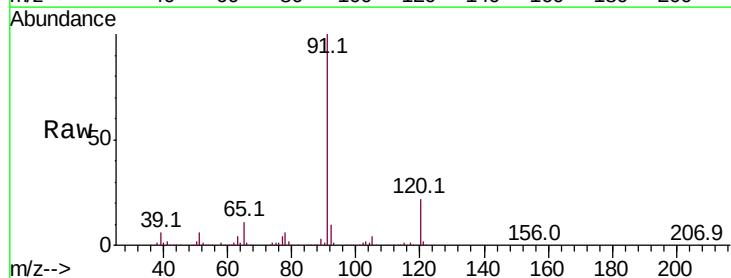
Acq: 28 Oct 2020 19:31

Tgt Ion: 91 Resp: 699525

Ion Ratio Lower Upper

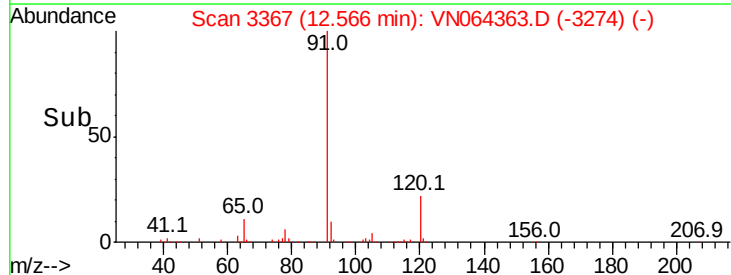
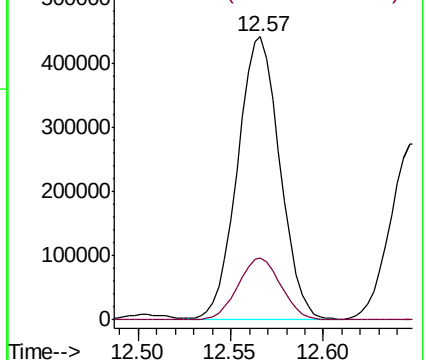
91 100

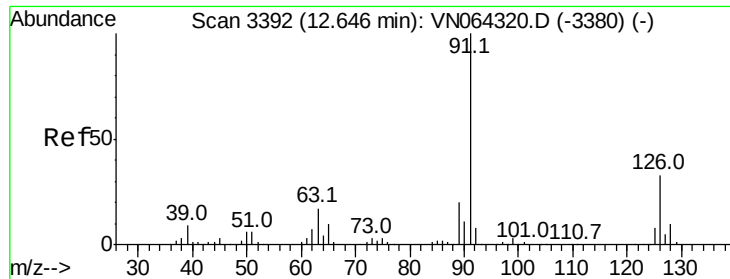
120 22.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

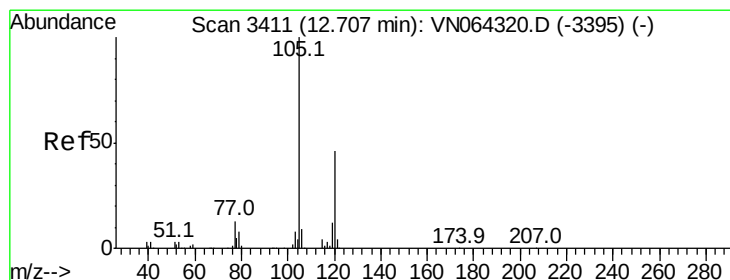
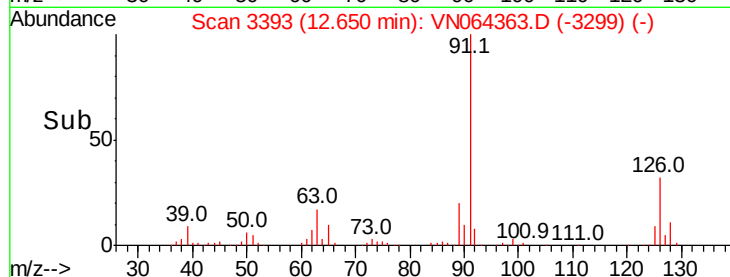
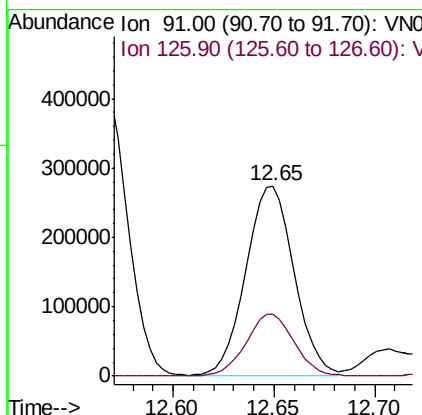
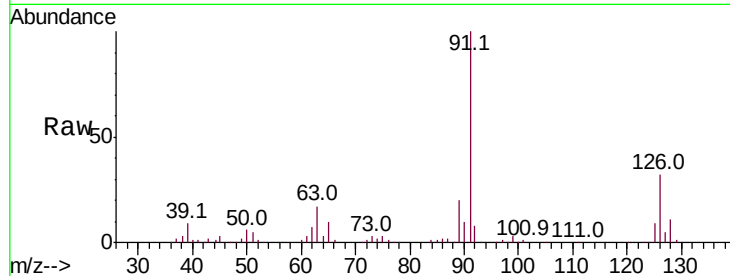




#79
 2-Chlorotoluene
 Concen: 47.888 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064363.D
 Acq: 28 Oct 2020 19:31

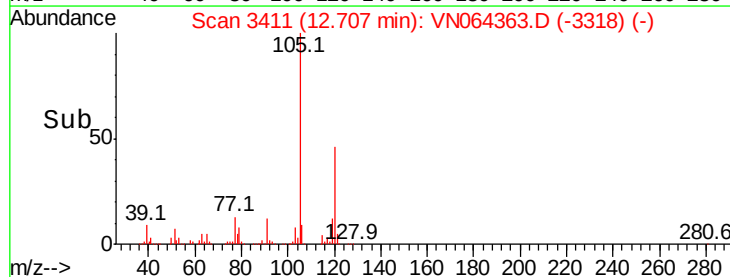
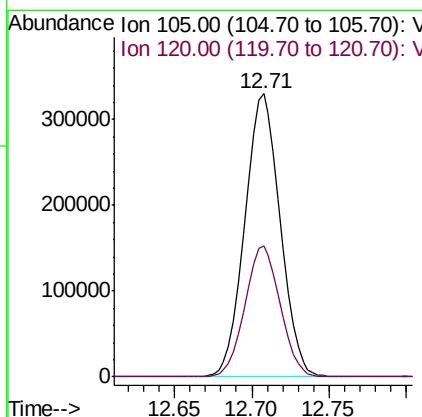
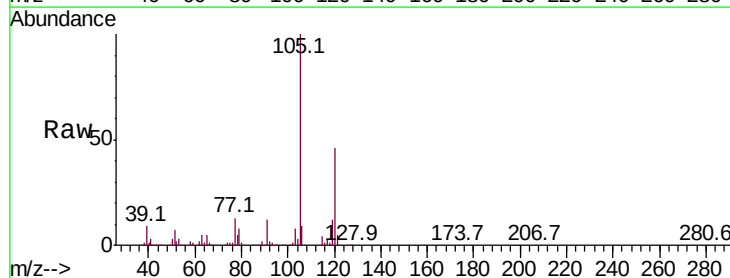
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

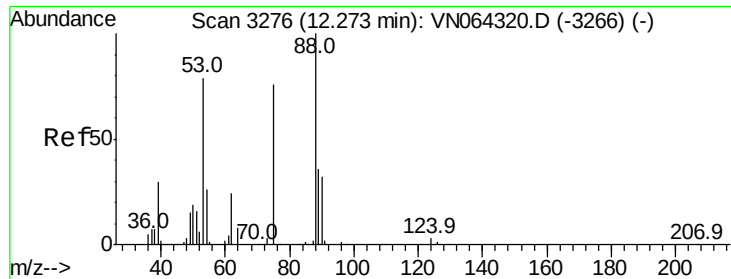
Tot Ion: 91 Resp: 460300
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.2 48.5



#80
 1,3,5-Trimethylbenzene
 Concen: 46.650 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064363.D
 Acq: 28 Oct 2020 19:31

Tgt Ion: 105 Resp: 524263
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.8

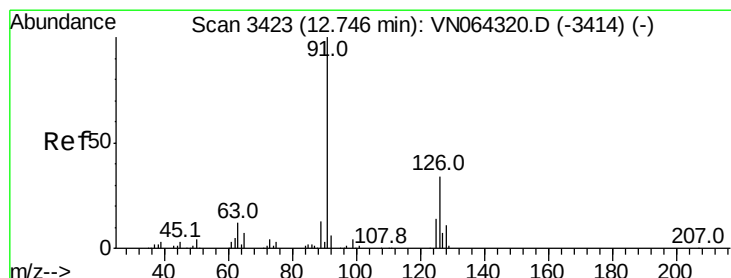
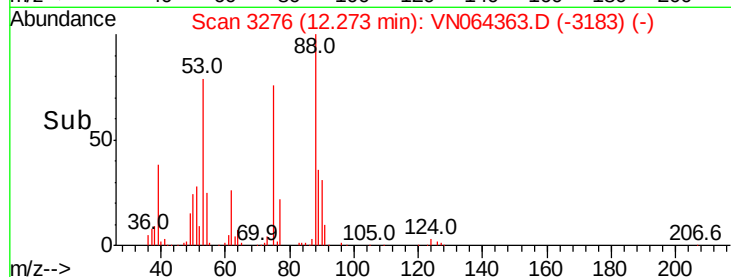
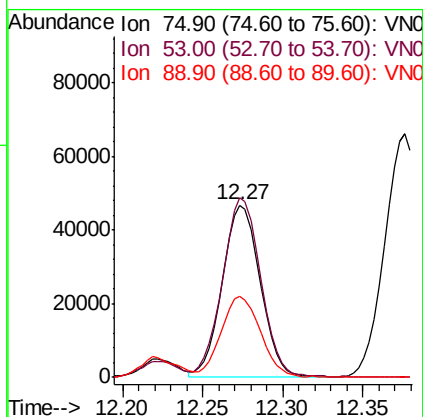
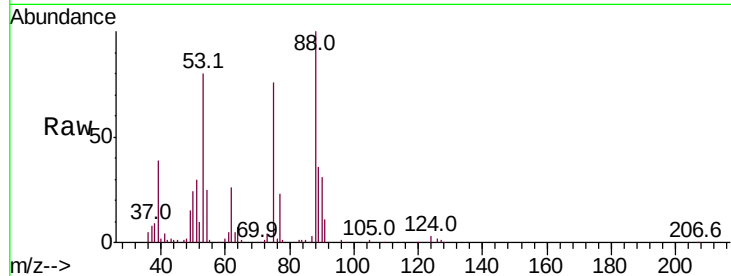




#81
trans-1,4-Dichloro-2-butene
Concen: 51.773 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

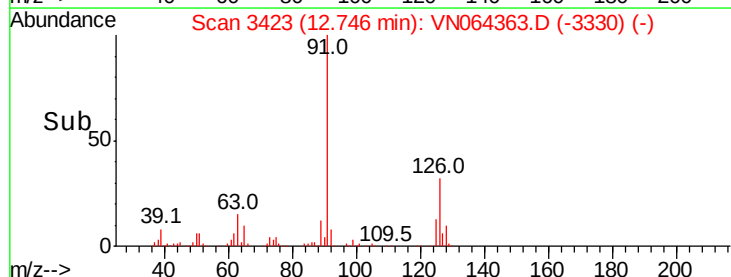
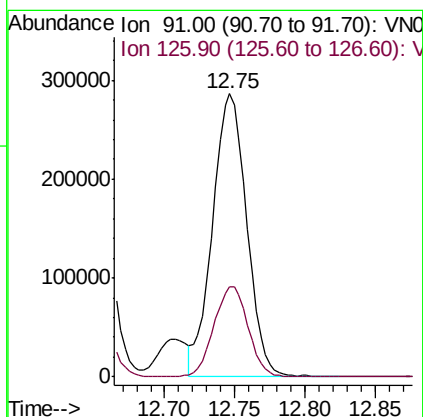
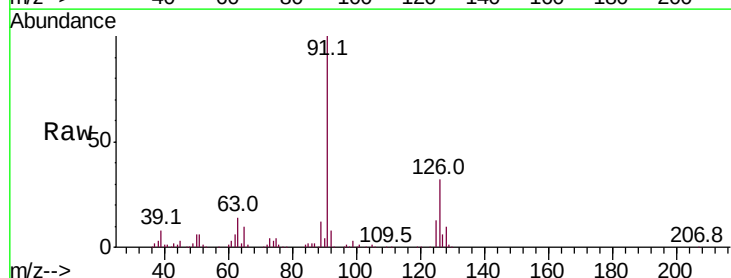
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

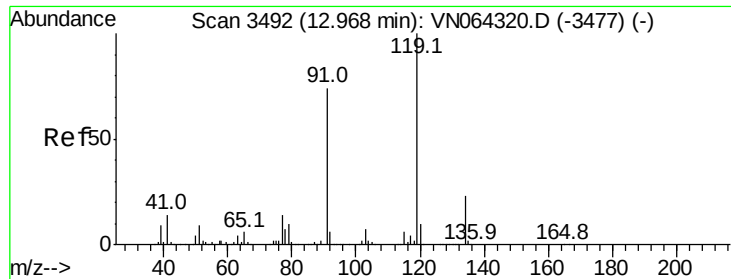
Tot Ion: 75 Resp: 76326
Ion Ratio Lower Upper
75 100
53 103.8 81.8 122.8
89 47.3 39.9 59.9



#82
4-Chlorotoluene
Concen: 48.942 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Tgt Ion: 91 Resp: 479241
Ion Ratio Lower Upper
91 100
126 32.2 15.8 47.3

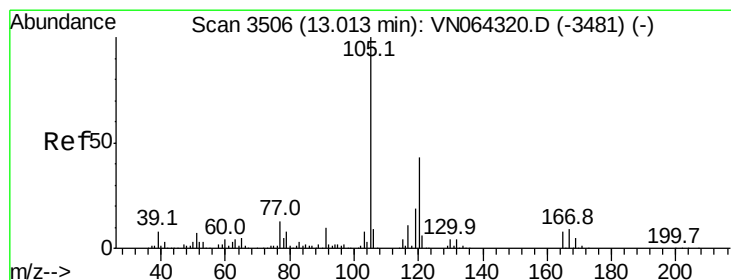
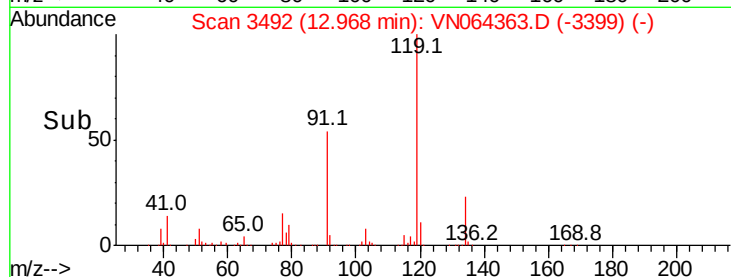
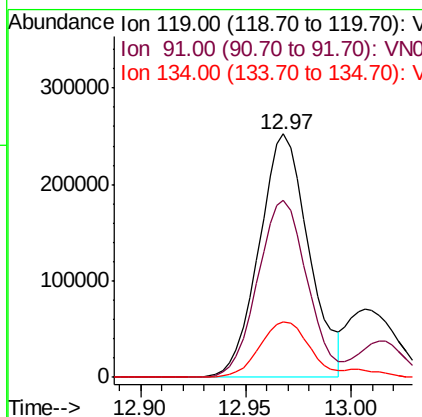
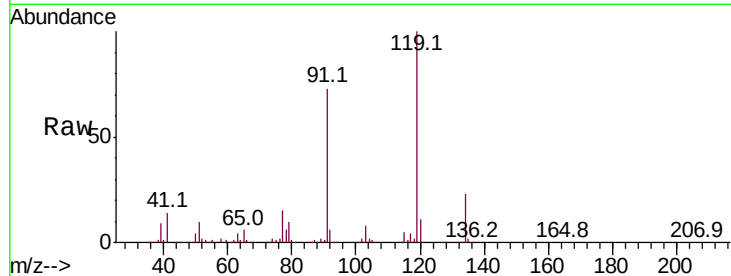




#83
 tert-Butylbenzene
 Concen: 44.942 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064363.D
 Acq: 28 Oct 2020 19:31

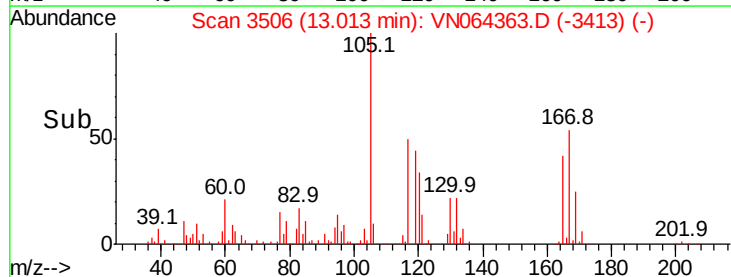
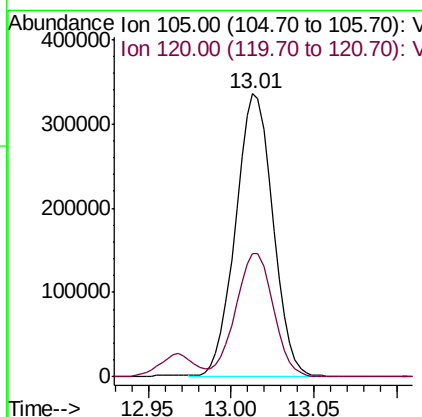
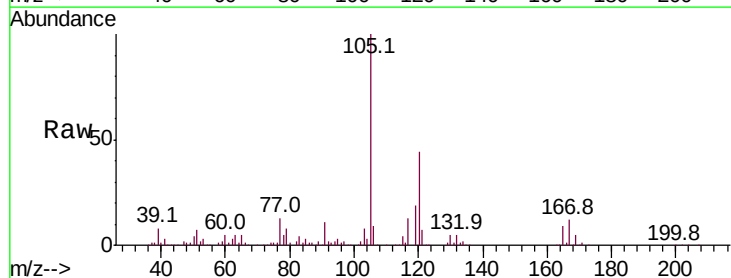
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

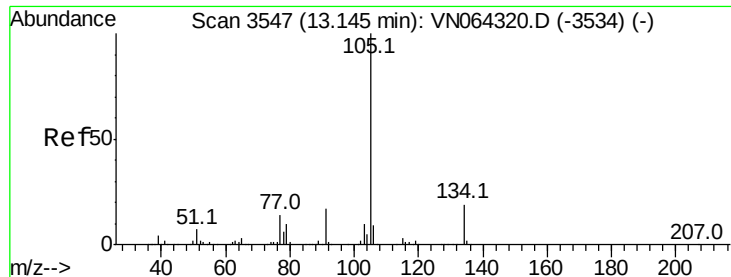
Tot Ion:119 Resp: 414449
 Ion Ratio Lower Upper
 119 100
 91 72.9 36.4 109.1
 134 22.7 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 46.785 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064363.D
 Acq: 28 Oct 2020 19:31

Tgt Ion:105 Resp: 525355
 Ion Ratio Lower Upper
 105 100
 120 44.5 21.3 64.0





#85

sec-Butylbenzene

Concen: 42.891 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

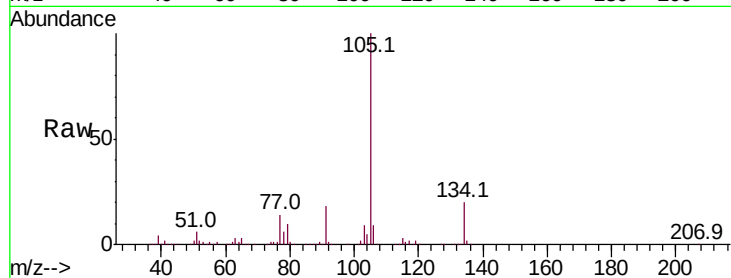
VSTDCCC050EC

Tot Ion:105 Resp: 511848

Ion Ratio Lower Upper

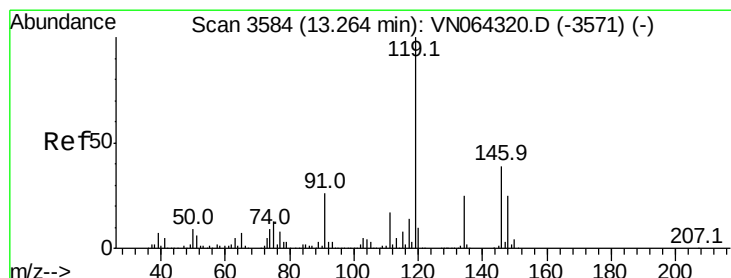
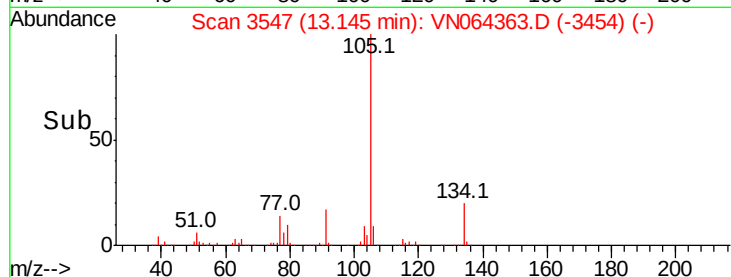
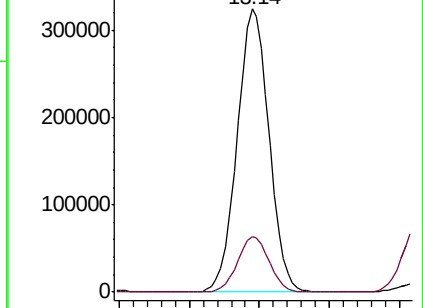
105 100

134 19.5 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 43.923 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

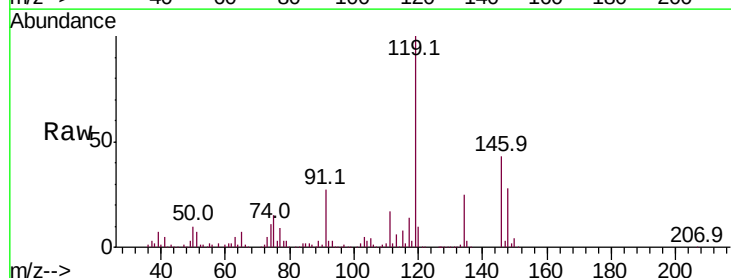
Tgt Ion:119 Resp: 472219

Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

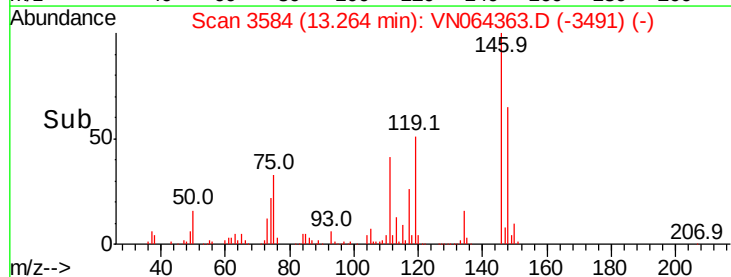
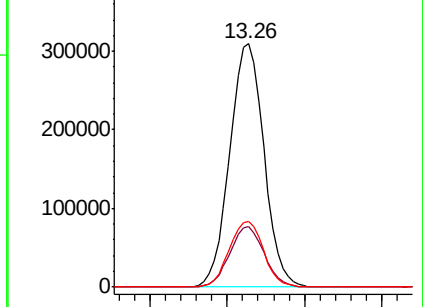
91 27.1 13.0 38.9

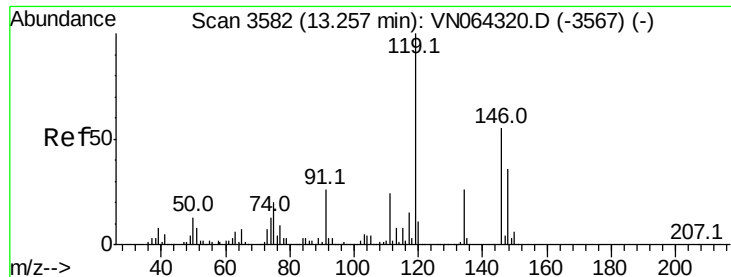


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.929 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

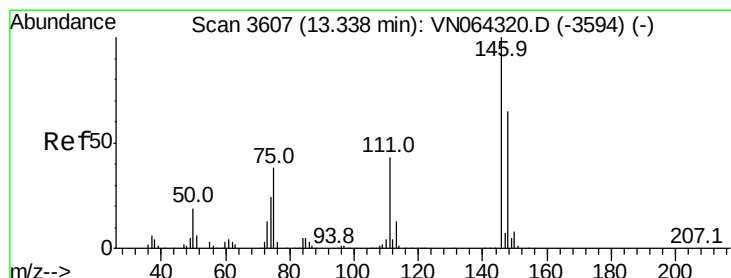
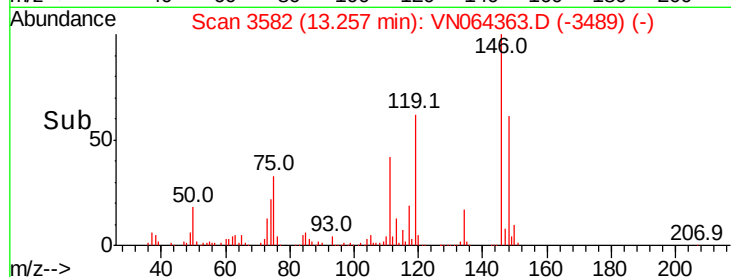
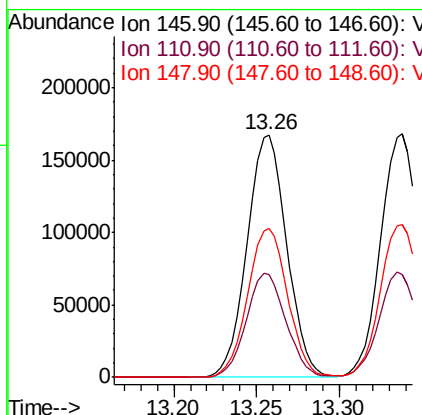
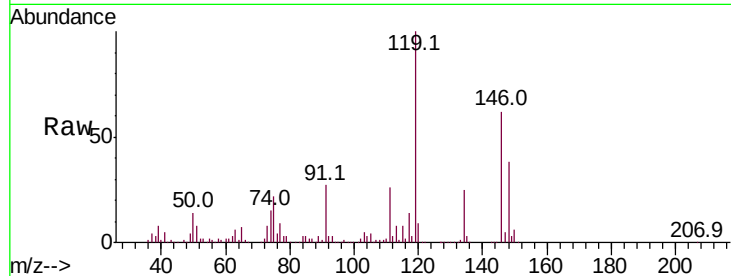
Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 278579

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.9	65.5
148	61.8	32.6	98.0



#88

1,4-Dichlorobenzene

Concen: 47.338 ug/l

RT: 13.34 min Scan# 3607

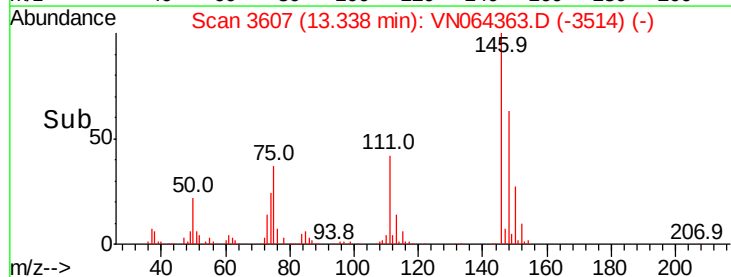
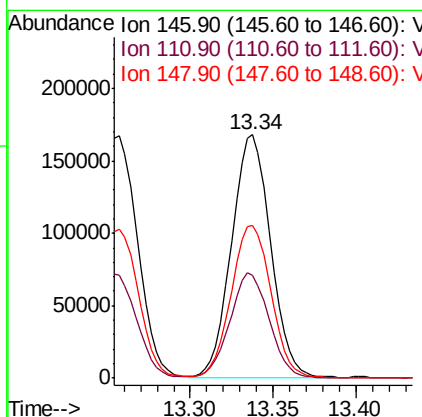
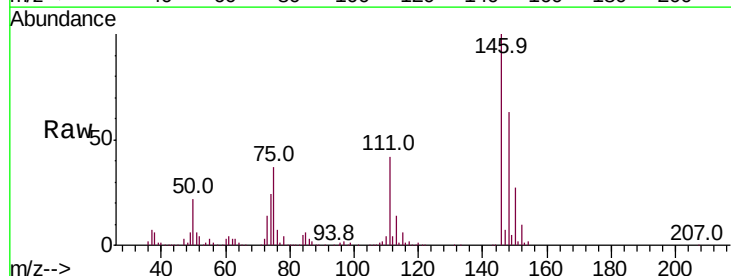
Delta R.T. 0.00 min

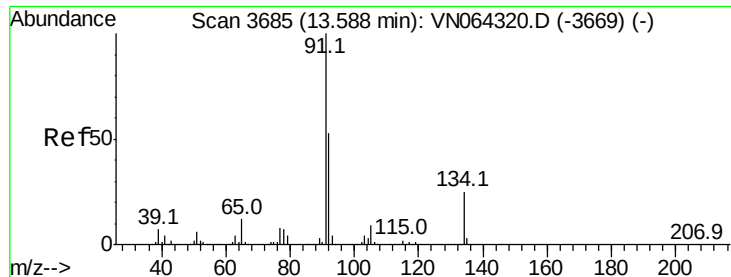
Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Tgt Ion:146 Resp: 274507

Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.8	65.4
148	64.7	31.8	95.3

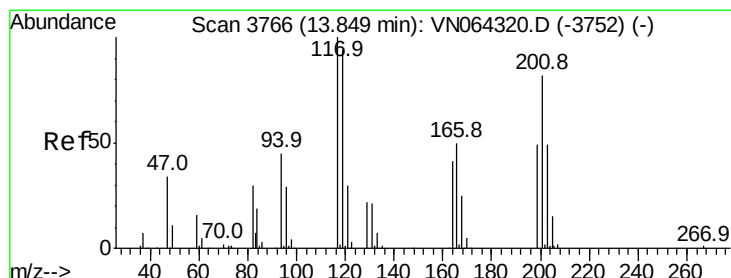
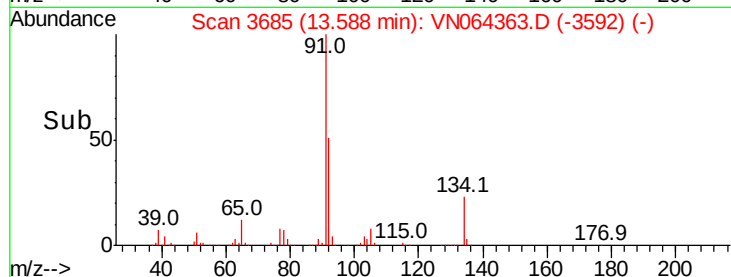
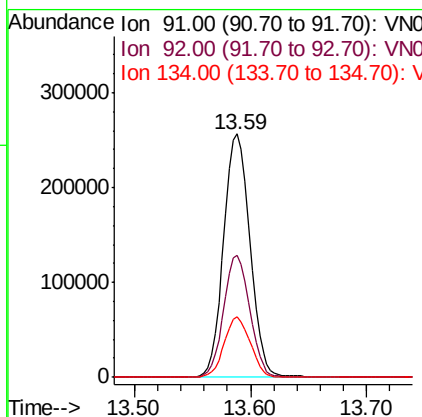
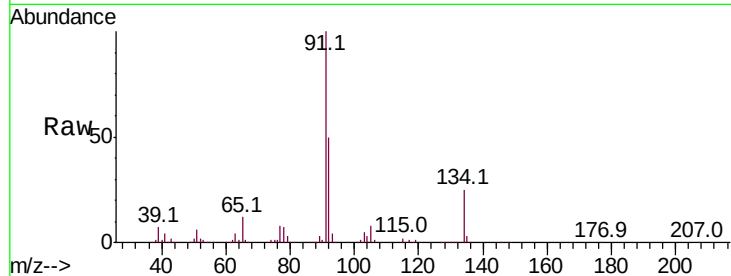




#89
n-Butylbenzene
Concen: 42.660 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

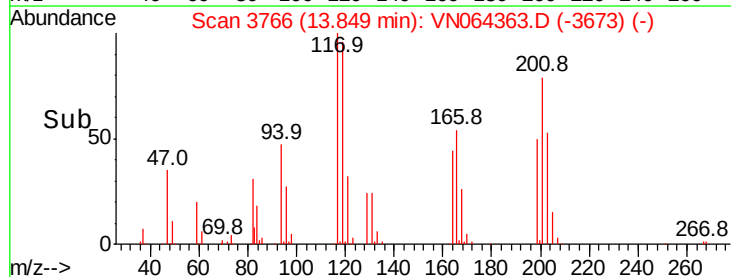
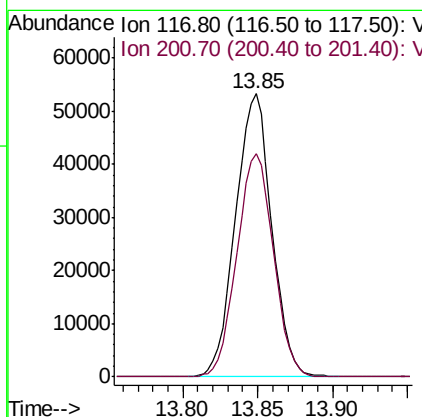
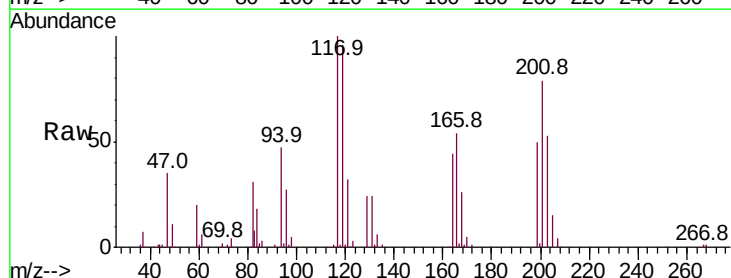
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

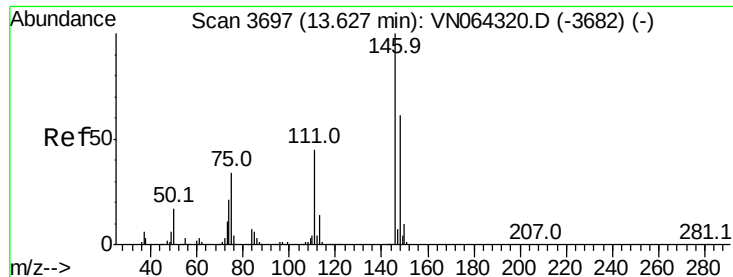
Tot Ion: 91 Resp: 404040
Ion Ratio Lower Upper
91 100
92 49.9 26.2 78.5
134 24.5 12.4 37.4



#90
Hexachloroethane
Concen: 44.466 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064363.D
Acq: 28 Oct 2020 19:31

Tgt Ion: 117 Resp: 89782
Ion Ratio Lower Upper
117 100
201 79.6 39.8 119.3

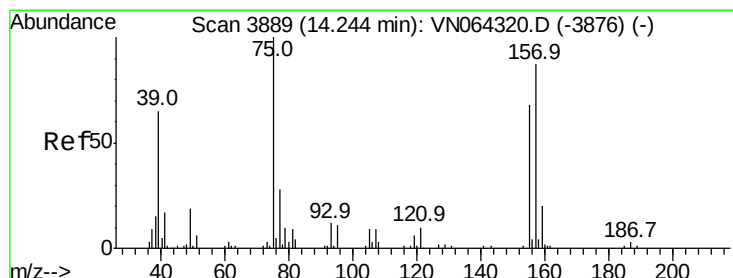
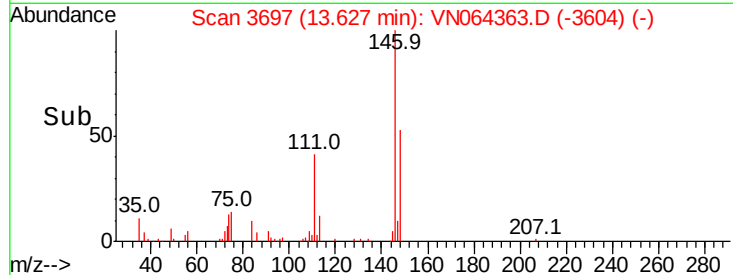
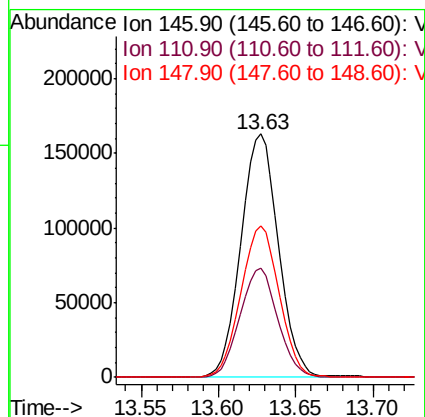
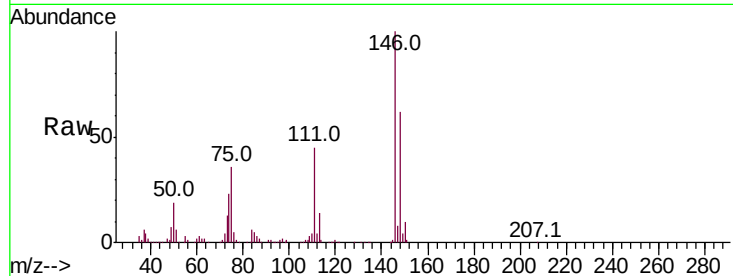




#91
 1,2-Dichlorobenzene
 Concen: 48.674 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064363.D
 Acq: 28 Oct 2020 19:31

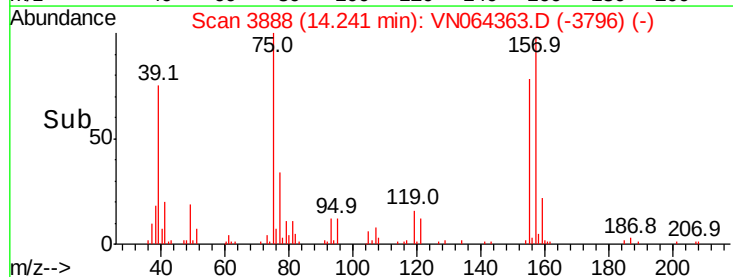
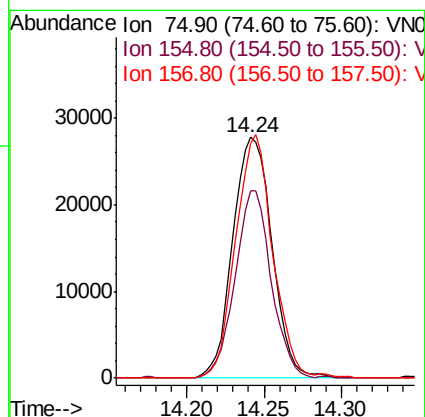
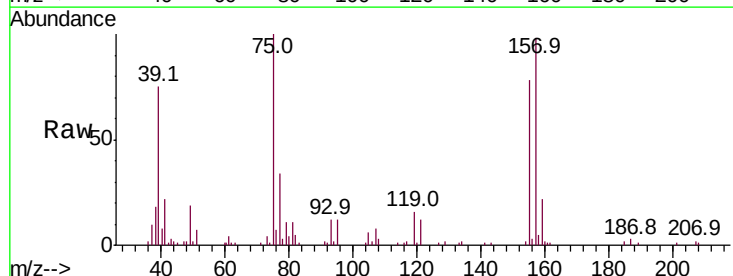
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

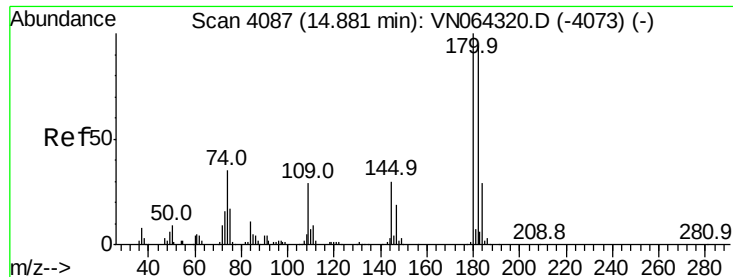
Tot Ion:146 Resp: 275519
 Ion Ratio Lower Upper
 146 100
 111 45.1 23.0 69.0
 148 63.5 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.130 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064363.D
 Acq: 28 Oct 2020 19:31

Tgt Ion: 75 Resp: 48979
 Ion Ratio Lower Upper
 75 100
 155 71.6 35.1 105.5
 157 95.0 43.2 129.6

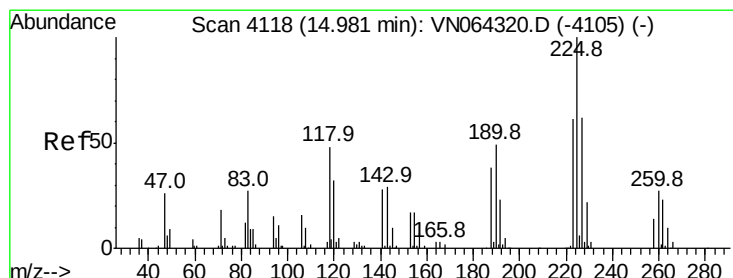
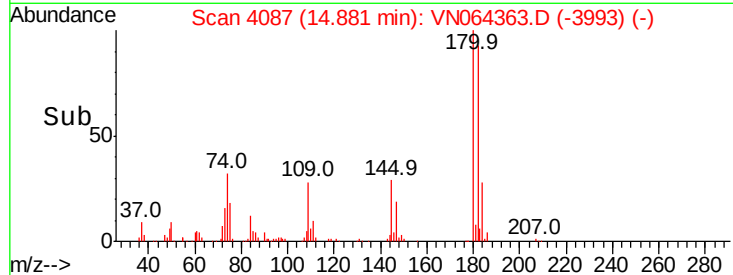
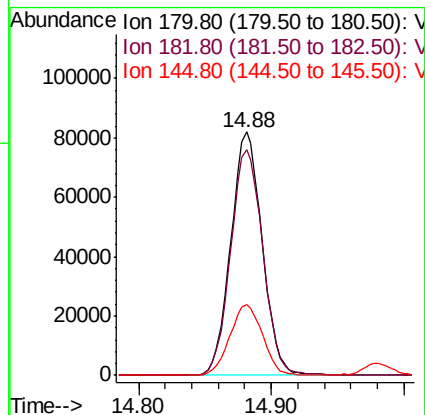
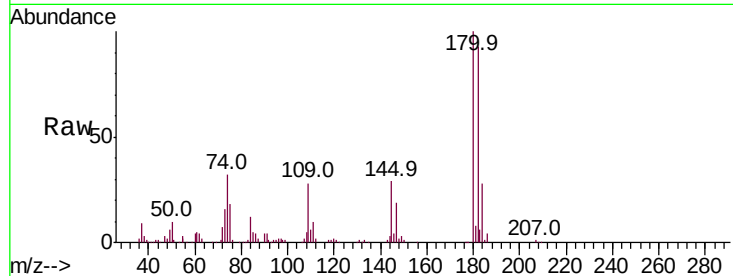




#93
 1,2,4-Trichlorobenzene
 Concen: 41.735 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064363.D
 Acq: 28 Oct 2020 19:31

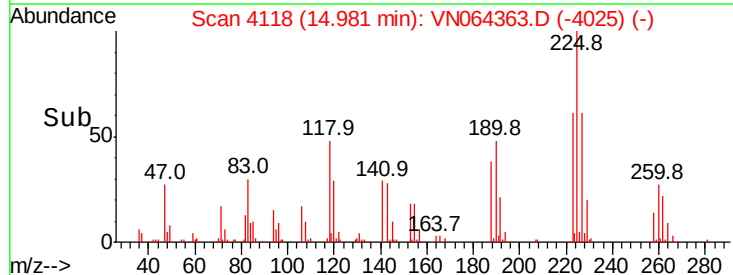
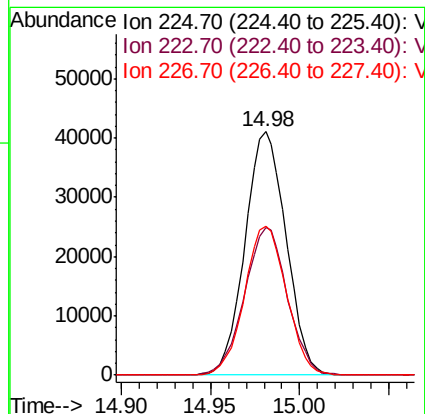
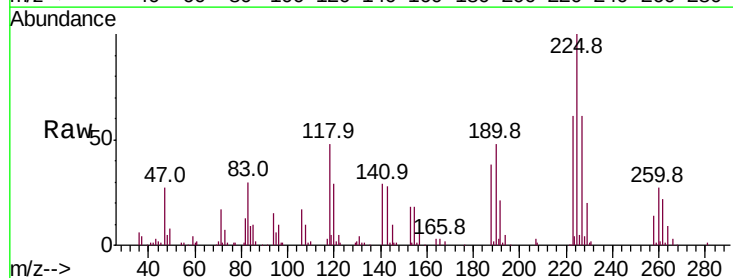
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

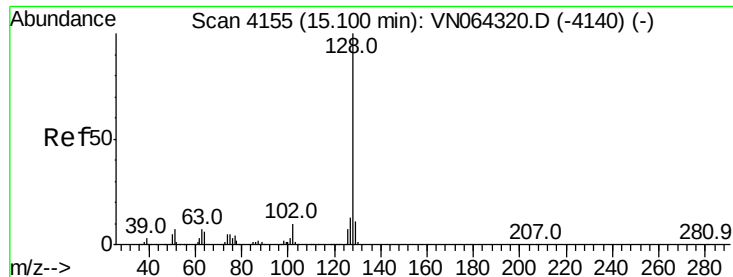
Tot Ion:180 Resp: 134643
 Ion Ratio Lower Upper
 180 100
 182 95.3 46.6 139.7
 145 30.3 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 38.155 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064363.D
 Acq: 28 Oct 2020 19:31

Tgt Ion:225 Resp: 66278
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.3 93.8
 227 62.1 32.3 96.9





#95

Naphthalene

Concen: 41.844 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

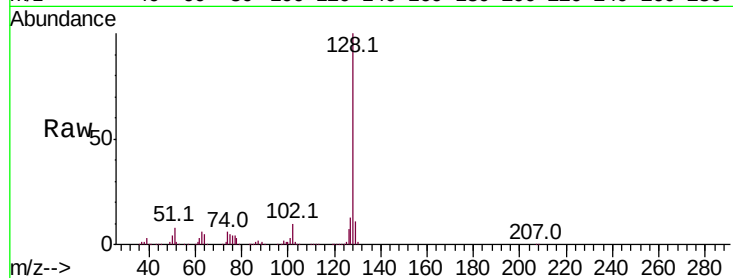
Tot Ion:128 Resp: 415362

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

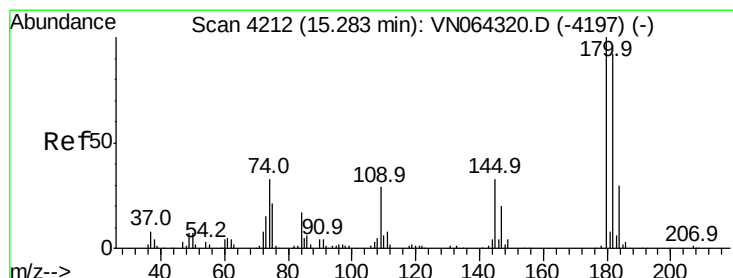
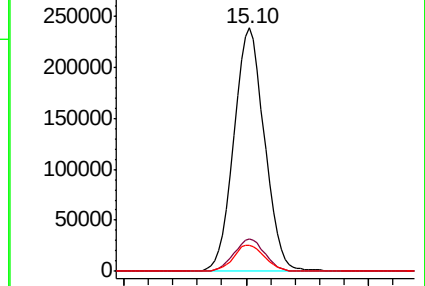
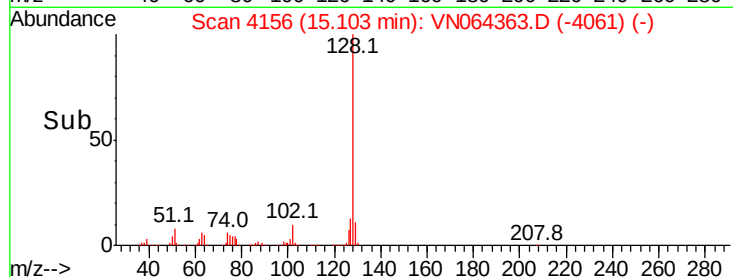
129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 40.976 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064363.D

Acq: 28 Oct 2020 19:31

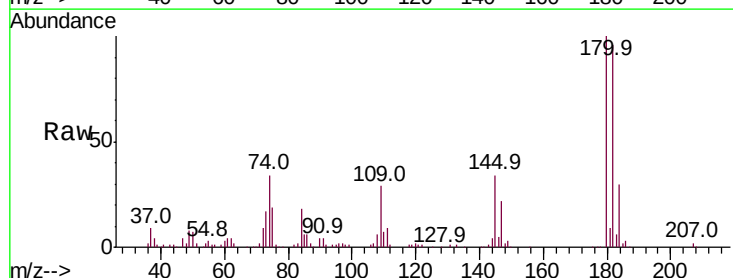
Tgt Ion:180 Resp: 127202

Ion Ratio Lower Upper

180 100

182 96.1 46.1 138.3

145 33.8 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

