

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064722.D
 Acq On : 18 Nov 2020 21:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 19 01:40:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	273286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	493951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	463861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	230987	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	238012	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.02%		
35) Dibromofluoromethane	7.55	113	129174	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.90%		
50) Toluene-d8	10.06	98	623016	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.52%		
62) 4-Bromofluorobenzene	12.37	95	230819	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.66%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	169141	49.533	ug/l	100
3) Chloromethane	2.04	50	188784	49.996	ug/l	99
4) Vinyl Chloride	2.17	62	197842	50.215	ug/l	99
5) Bromomethane	2.53	94	139239	48.194	ug/l	95
6) Chloroethane	2.67	64	137574	51.752	ug/l	100
7) Trichlorofluoromethane	2.99	101	354331	50.213	ug/l	99
8) Diethyl Ether	3.37	74	117629	51.662	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	150888	49.479	ug/l	99
10) Methyl Iodide	3.91	142	190887	52.365	ug/l	100
11) Tert butyl alcohol	4.74	59	132439	283.955	ug/l	99
12) 1,1-Dichloroethene	3.69	96	146186	49.755	ug/l	95
13) Acrolein	3.57	56	31355	287.140	ug/l	96
14) Allyl chloride	4.27	41	266502	52.826	ug/l	99
15) Acrylonitrile	4.93	53	374165	273.205	ug/l	100
16) Acetone	3.78	43	341840	292.995	ug/l	96
17) Carbon Disulfide	4.01	76	429794	50.300	ug/l	99
18) Methyl Acetate	4.28	43	178425	50.559	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	528654	53.773	ug/l	100
20) Methylene Chloride	4.50	84	178048	50.013	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	164114	50.060	ug/l	93
22) Diisopropyl ether	5.91	45	580205	54.459	ug/l	97
23) Vinyl Acetate	5.84	43	2337663	271.879	ug/l	100
24) 1,1-Dichloroethane	5.80	63	321929	51.575	ug/l	99
25) 2-Butanone	6.79	43	531854	289.361	ug/l	99
26) 2,2-Dichloropropane	6.78	77	293920	49.553	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	192453	53.246	ug/l	98
28) Bromochloromethane	7.15	49	156781	49.815	ug/l	100
29) Tetrahydrofuran	7.17	42	347376	279.714	ug/l	99
30) Chloroform	7.33	83	358370	52.831	ug/l	96
31) Cyclohexane	7.61	56	255599	49.177	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	319800	51.580	ug/l	99
36) 1,1-Dichloropropene	7.75	75	254541	50.089	ug/l	98
37) Ethyl Acetate	6.88	43	237811	55.887	ug/l	99
38) Carbon Tetrachloride	7.73	117	280527	51.943	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	226971	50.407	ug/l	99
40) Benzene	8.00	78	732154	51.708	ug/l	99
41) Methacrylonitrile	7.13	41	119885	61.469	ug/l	90
42) 1,2-Dichloroethane	8.08	62	312050	51.221	ug/l	98
43) Isopropyl Acetate	8.13	43	416491	50.498	ug/l	98
44) Trichloroethene	8.80	130	201046	49.475	ug/l	98
45) 1,2-Dichloropropane	9.08	63	196150	51.970	ug/l	99
46) Dibromomethane	9.17	93	138529	51.779	ug/l	98
47) Bromodichloromethane	9.37	83	290769	51.698	ug/l	99
48) Methyl methacrylate	9.16	41	206201	52.986	ug/l	99
49) 1,4-Dioxane	9.17	88	56080	1155.044	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1254640	251.947	ug/l	99
52) Toluene	10.12	92	480545	55.103	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	311404	51.733	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	321570	51.882	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	184020	52.610	ug/l	98
56) Ethyl methacrylate	10.40	69	272941	47.669	ug/l	100
57) 1,3-Dichloropropane	10.68	76	316048	52.161	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	736650	235.459	ug/l	99
59) 2-Hexanone	10.72	43	910171	248.889	ug/l	99
60) Dibromochloromethane	10.87	129	210479	52.083	ug/l	99
61) 1,2-Dibromoethane	10.97	107	192315	51.548	ug/l	99
64) Tetrachloroethene	10.60	164	208215	50.633	ug/l	99
65) Chlorobenzene	11.41	112	495893	50.257	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	191000	51.806	ug/l	97
67) Ethyl Benzene	11.48	91	919856	52.873	ug/l	100
68) m/p-Xylenes	11.59	106	685052	97.094	ug/l	99
69) o-Xylene	11.92	106	327163	53.902	ug/l	99
70) Styrene	11.94	104	560544	47.487	ug/l	99
71) Bromoform	12.10	173	135697	47.477	ug/l #	99
73) Isopropylbenzene	12.22	105	846707	51.628	ug/l	99
74) N-amyl acetate	12.04	43	389129	50.807	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	226560	49.411	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	366574	73.654	ug/l #	100
77) Bromobenzene	12.50	156	202225	48.890	ug/l	99
78) n-propylbenzene	12.56	91	992016	51.940	ug/l	99
79) 2-Chlorotoluene	12.65	91	608663	49.793	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	724658	53.192	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	88643	46.024	ug/l	97
82) 4-Chlorotoluene	12.75	91	655988	50.328	ug/l	99
83) tert-Butylbenzene	12.97	119	557344	52.883	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	742651	53.412	ug/l	99
85) sec-Butylbenzene	13.14	105	747420	53.206	ug/l	99
86) p-Isopropyltoluene	13.26	119	686363	53.126	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	368450	48.888	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	367415	47.486	ug/l	99
89) n-Butylbenzene	13.59	91	604640	50.132	ug/l	98
90) Hexachloroethane	13.85	117	114231	53.484	ug/l	98
91) 1,2-Dichlorobenzene	13.62	146	355137	48.213	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	58675	48.765	ug/l	97

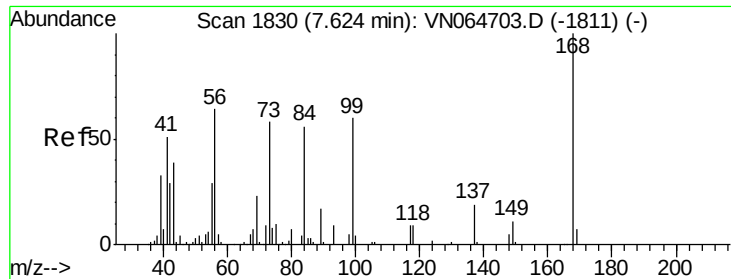
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	187867	46.957	ug/l	99
94) Hexachlorobutadiene	14.98	225	77590	47.235	ug/l	98
95) Naphthalene	15.10	128	660613	50.884	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	184288	47.984	ug/l	99

(#) = 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: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

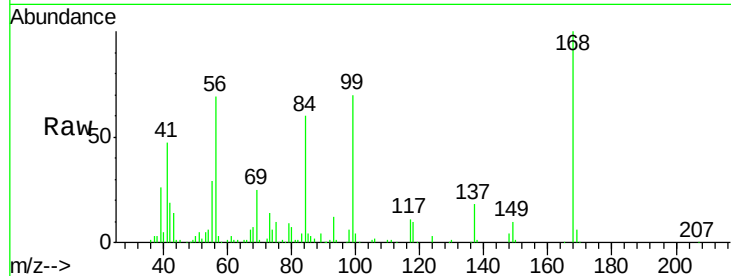
VSTDCCC050EC

Tot Ion:168 Resp: 273286

Ion Ratio Lower Upper

168 100

99 69.3 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

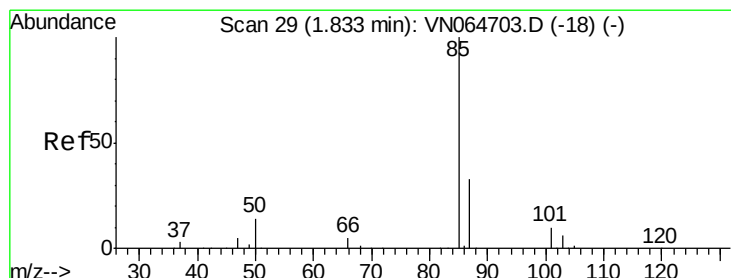
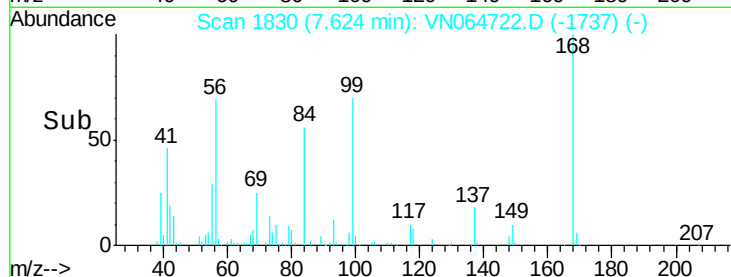
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 49.533 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064722.D

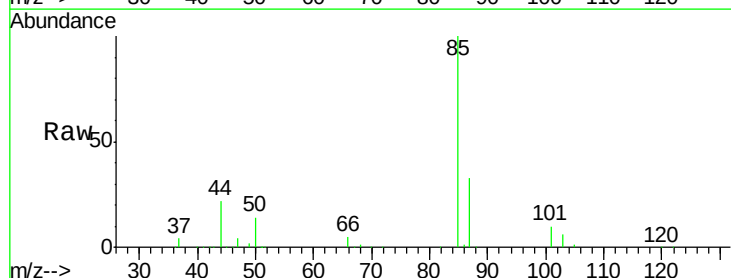
Acq: 18 Nov 2020 21:24

Tgt Ion: 85 Resp: 169141

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

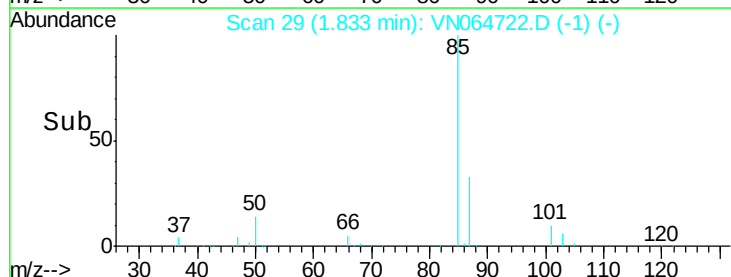
1.83

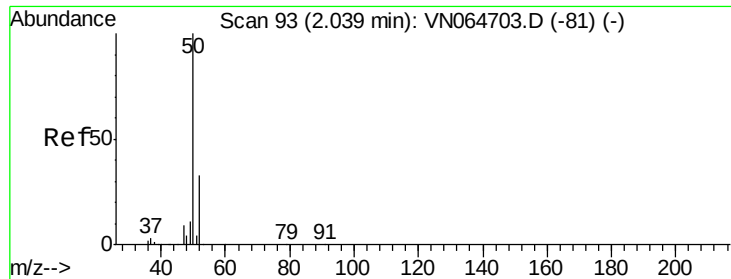
100000

50000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 49.996 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

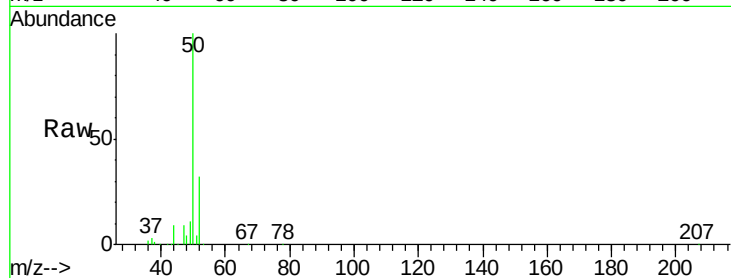
VSTDCCC050EC

Tot Ion: 50 Resp: 188784

Ion Ratio Lower Upper

50 100

52 32.4 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VN064703.D (-81) (-)

Ion 51.90 (51.60 to 52.60): VN064703.D (-81) (-)

2.04

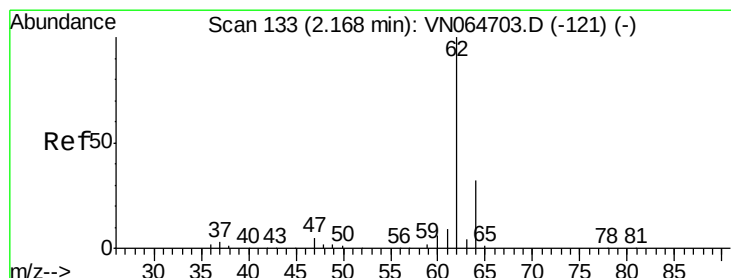
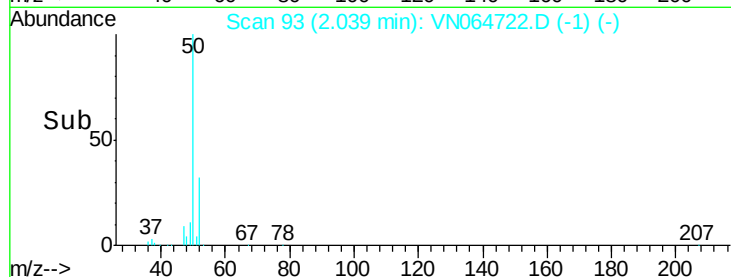
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 50.215 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064722.D

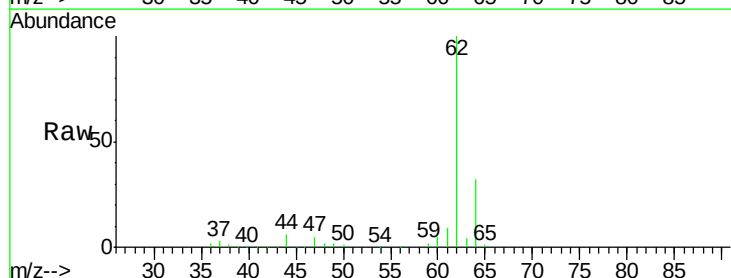
Acq: 18 Nov 2020 21:24

Tgt Ion: 62 Resp: 197842

Ion Ratio Lower Upper

62 100

64 32.0 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VN064703.D (-121) (-)

Ion 63.90 (63.60 to 64.60): VN064703.D (-121) (-)

2.17

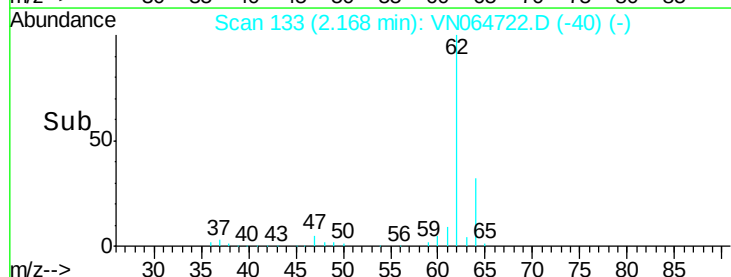
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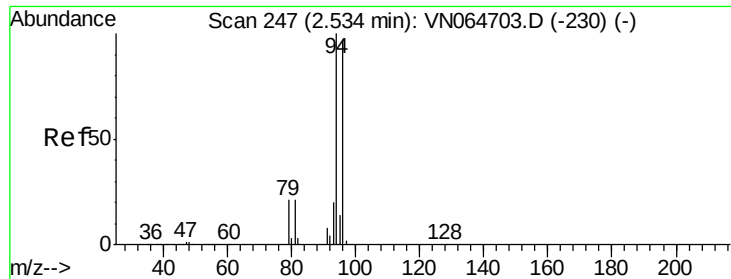
100000

50000

0

Time-->





#5

Bromomethane

Concen: 48.194 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

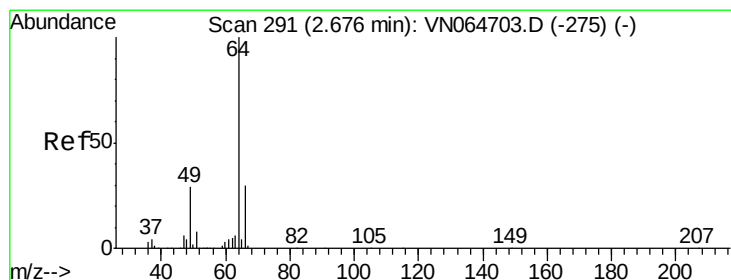
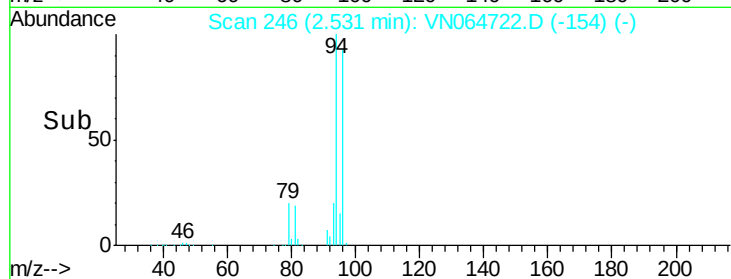
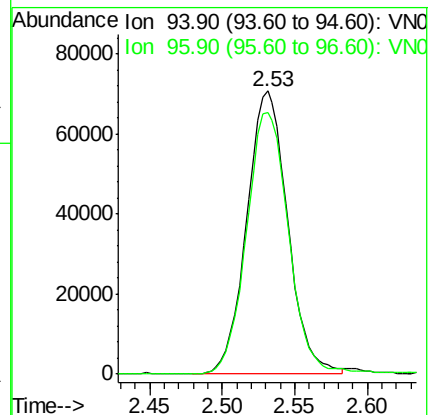
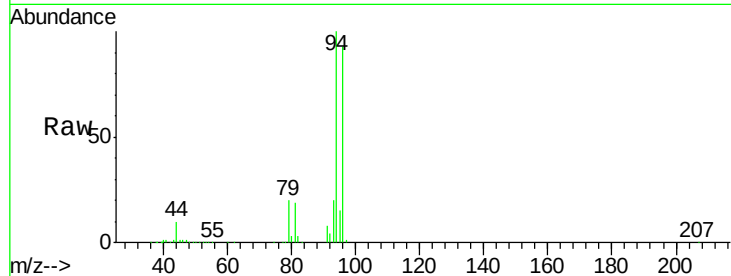
VSTDCCC050EC

Tot Ion: 94 Resp: 139239

Ion Ratio Lower Upper

94 100

96 92.6 77.8 116.8



#6

Chloroethane

Concen: 51.752 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064722.D

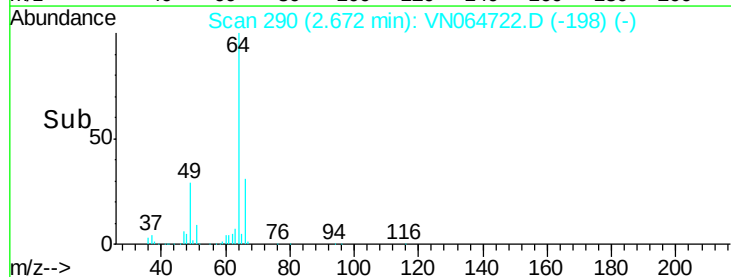
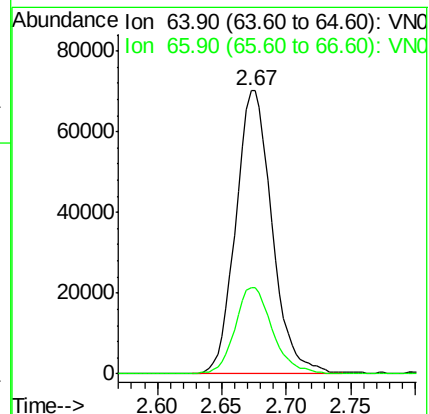
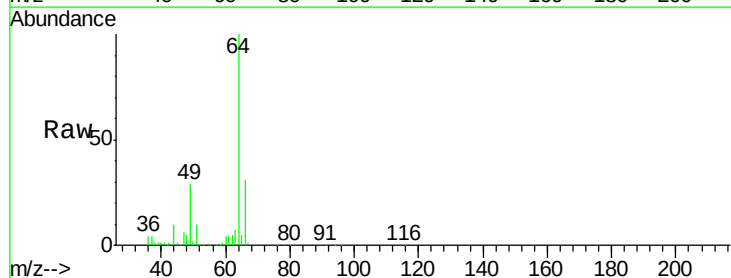
Acq: 18 Nov 2020 21:24

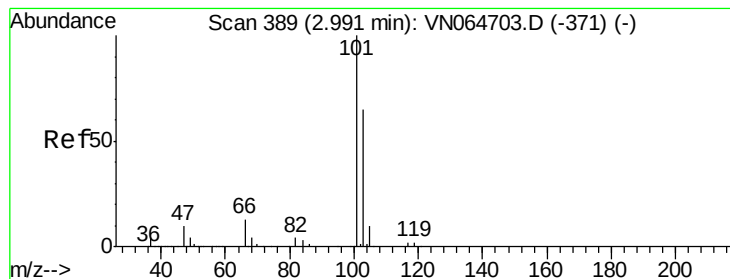
Tgt Ion: 64 Resp: 137574

Ion Ratio Lower Upper

64 100

66 30.4 24.2 36.2



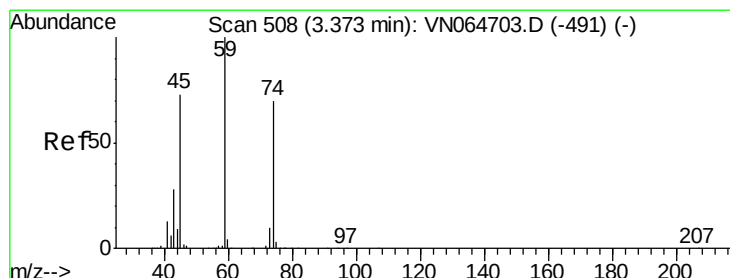
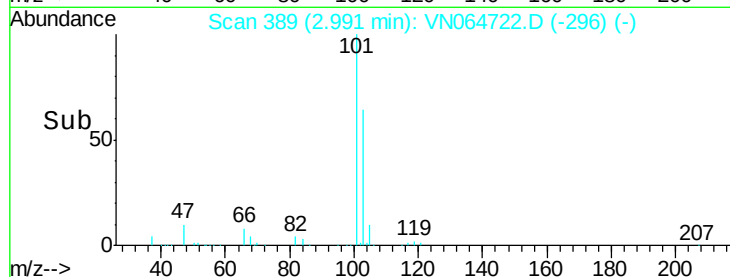
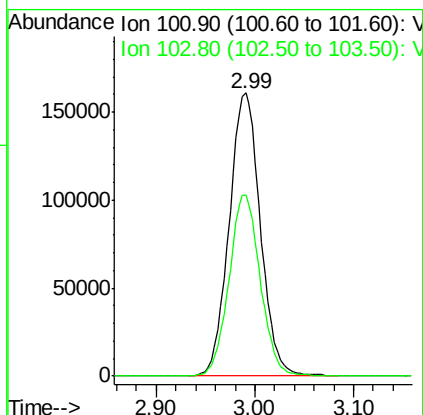
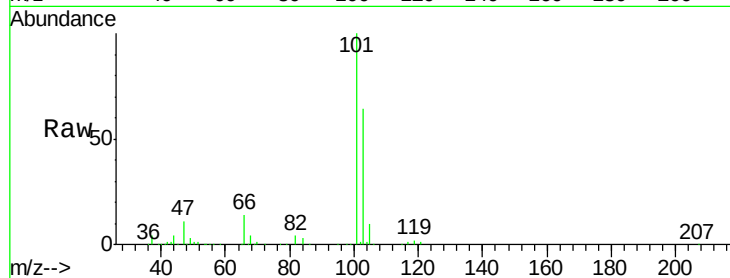


#7

Trichlorofluoromethane
 Concen: 50.213 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. -0.00 min
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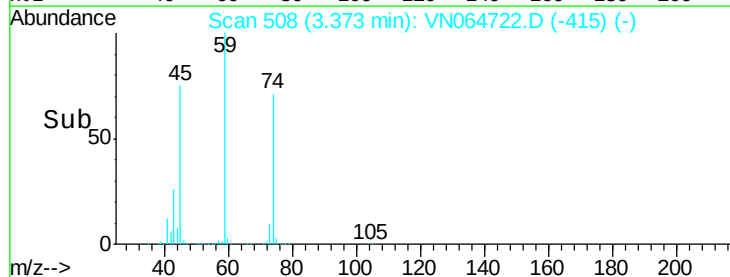
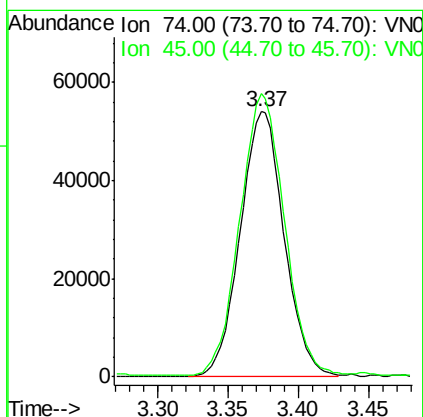
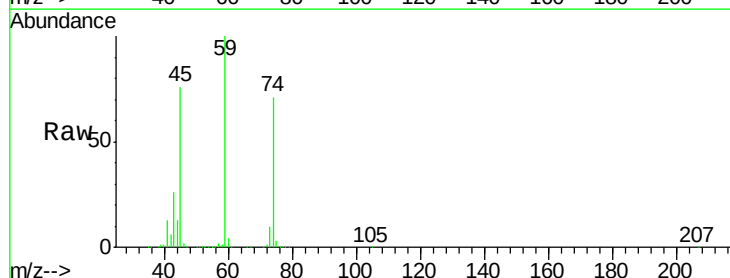
Tot Ion:101 Resp: 354331
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.8 77.6

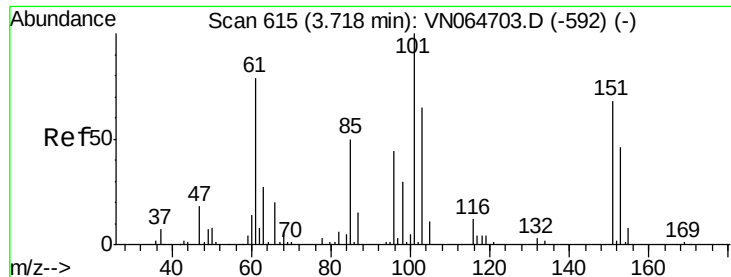


#8

Diethyl Ether
 Concen: 51.662 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Tgt Ion: 74 Resp: 117629
 Ion Ratio Lower Upper
 74 100
 45 107.8 52.8 158.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.479 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064722.D

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Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

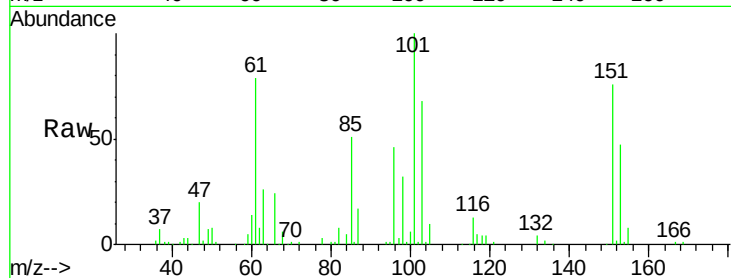
Tot Ion:101 Resp: 150888

Ion Ratio Lower Upper

101 100

85 48.9 39.0 58.4

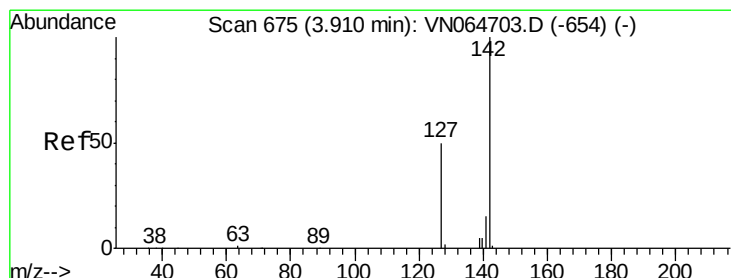
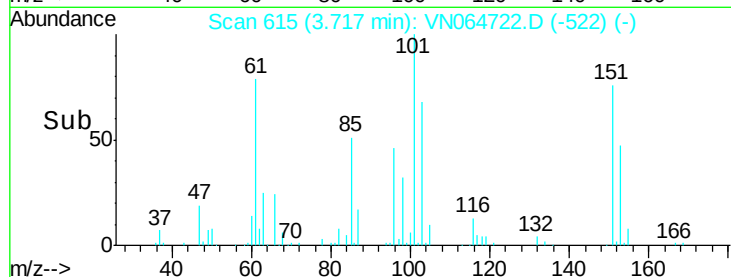
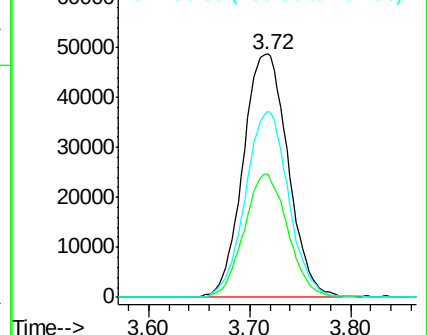
151 73.1 57.2 85.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.365 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064722.D

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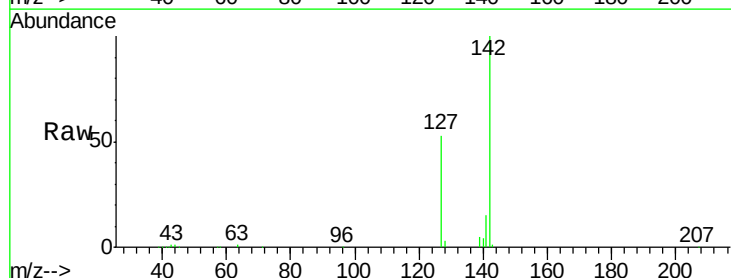
Tgt Ion:142 Resp: 190887

Ion Ratio Lower Upper

142 100

127 52.4 42.0 63.0

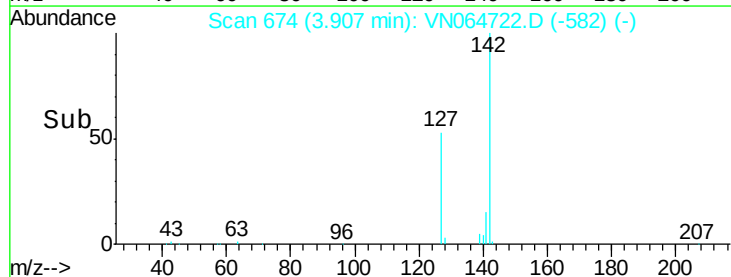
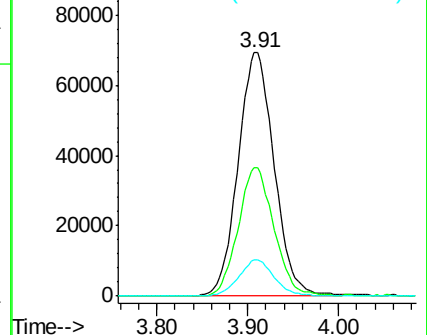
141 14.6 12.1 18.1

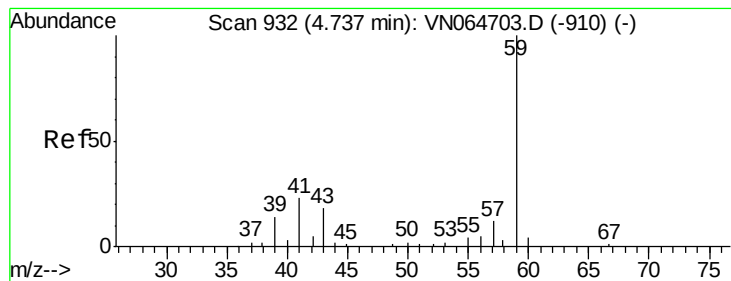


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



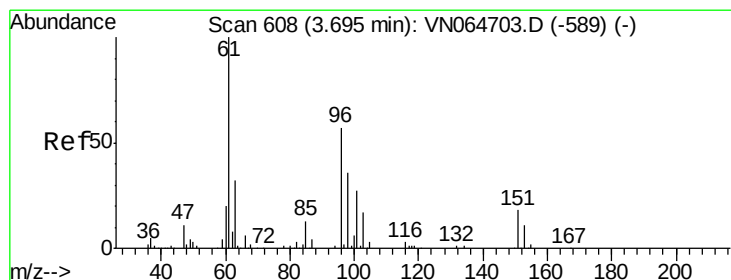
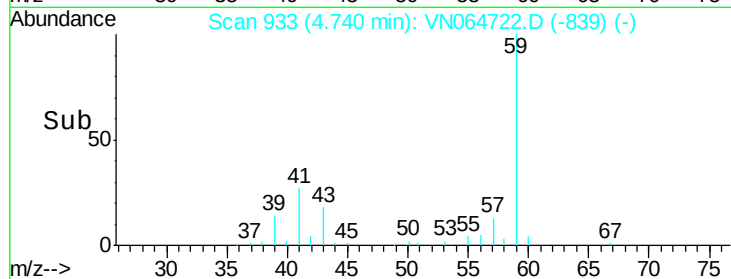
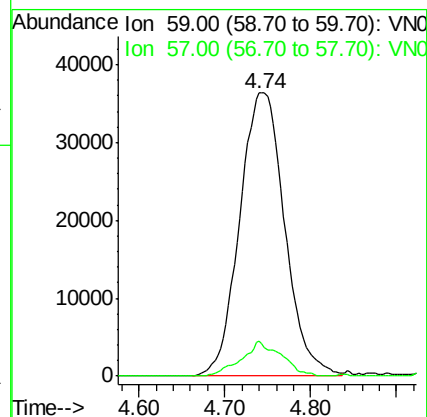
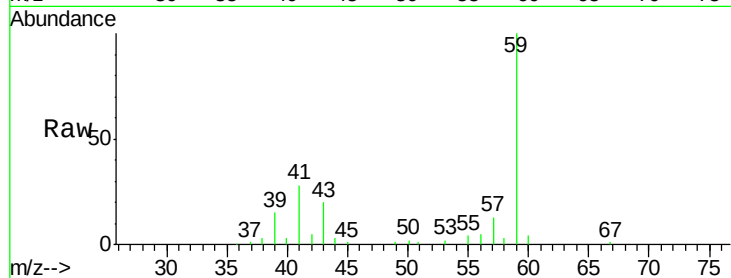


#11

Tert butyl alcohol
 Concen: 283.955 ug/l
 RT: 4.74 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

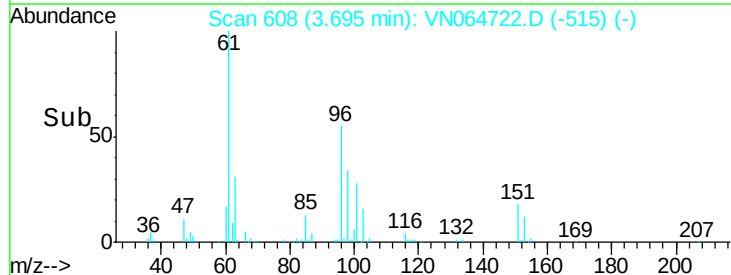
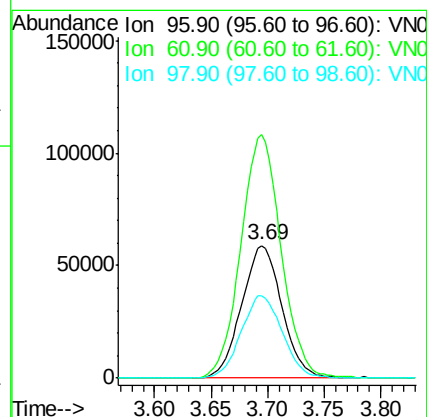
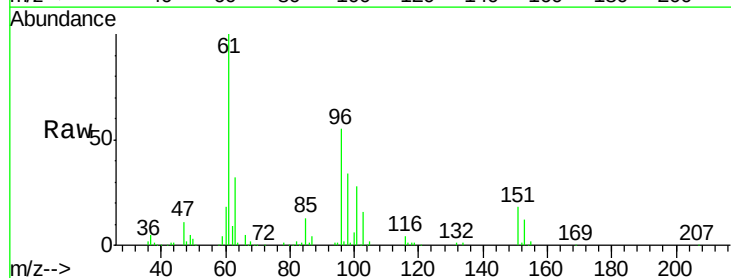
Tot Ion: 59 Resp: 132439
 Ion Ratio Lower Upper
 59 100
 57 10.9 9.1 13.7

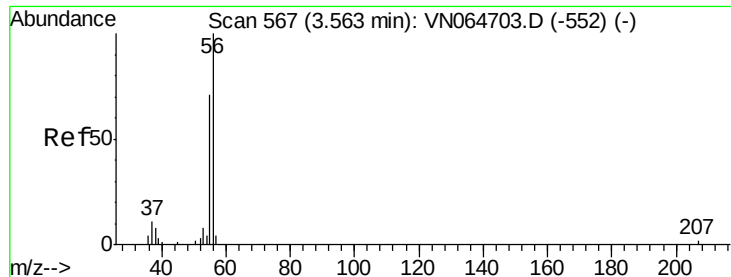


#12

1,1-Dichloroethene
 Concen: 49.755 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Tgt Ion: 96 Resp: 146186
 Ion Ratio Lower Upper
 96 100
 61 183.3 139.1 208.7
 98 62.3 50.2 75.2





#13

Acrolein

Concen: 287.140 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

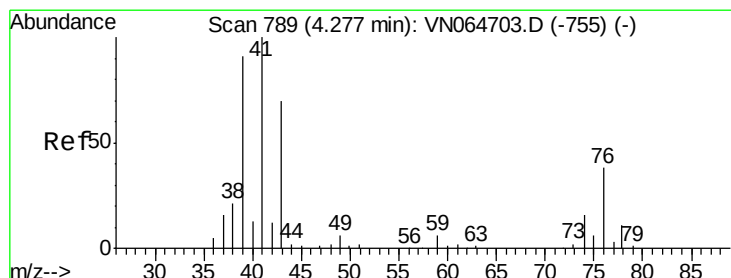
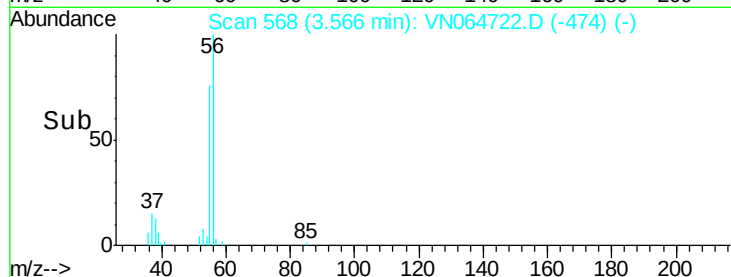
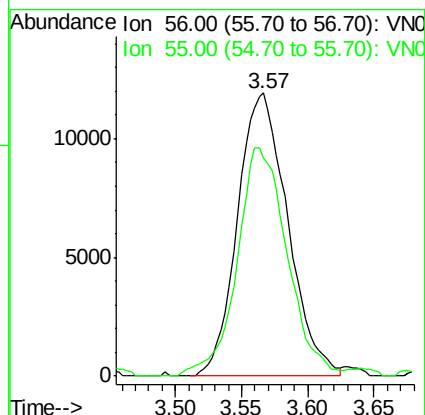
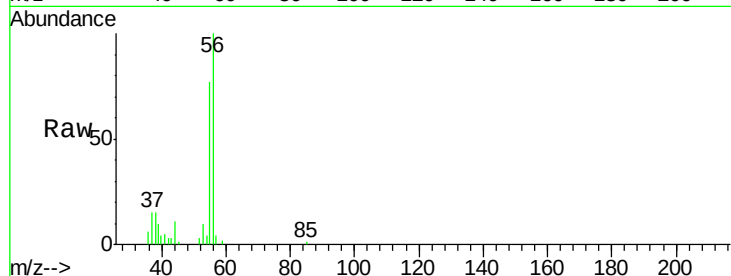
VSTDCCC050EC

Tot Ion: 56 Resp: 31355

Ion Ratio Lower Upper

56 100

55 80.6 61.8 92.6



#14

Allyl chloride

Concen: 52.826 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

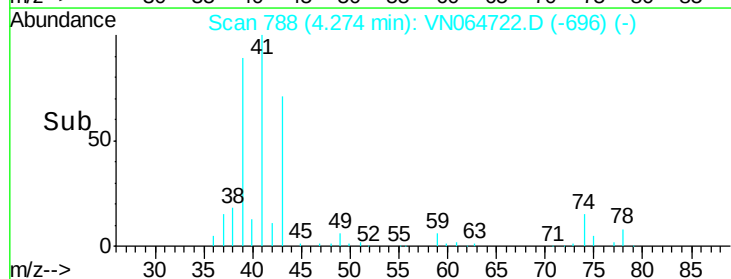
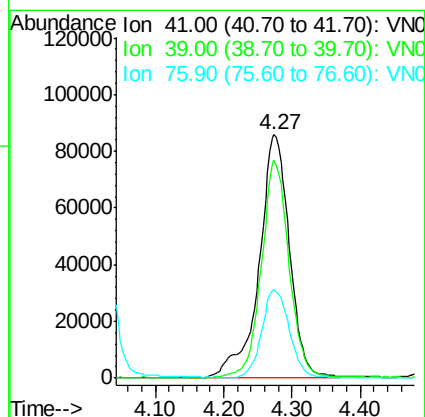
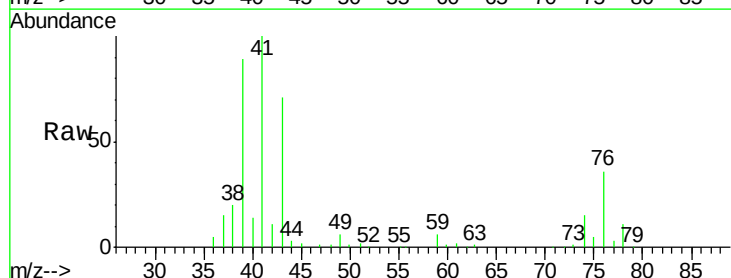
Tgt Ion: 41 Resp: 266502

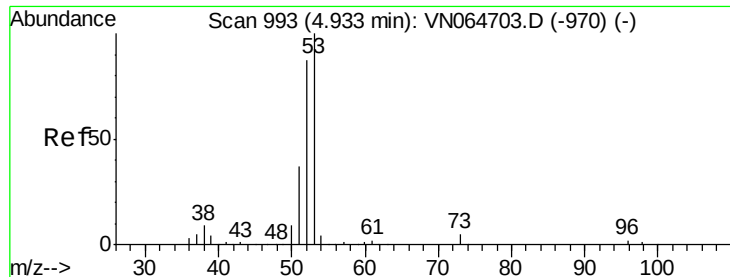
Ion Ratio Lower Upper

41 100

39 81.6 66.1 99.1

76 32.4 26.6 40.0





#15

Acrylonitrile

Concen: 273.205 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

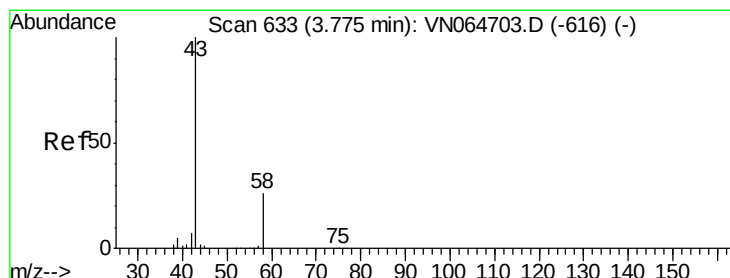
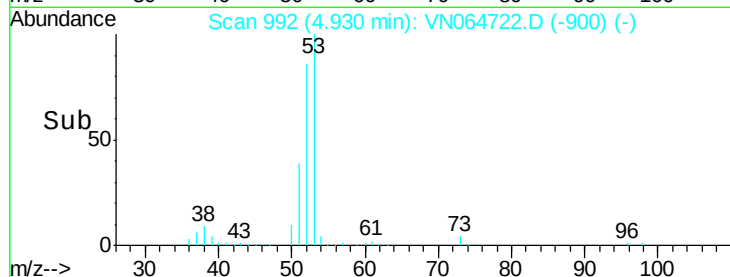
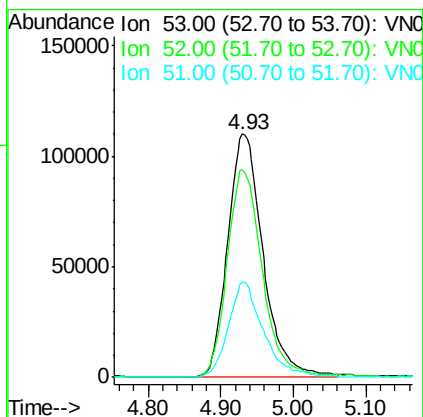
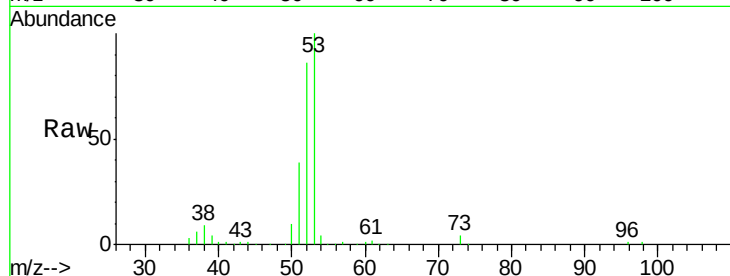
Tot Ion: 53 Resp: 374165

Ion Ratio Lower Upper

53 100

52 84.4 67.2 100.8

51 38.5 31.0 46.6



#16

Acetone

Concen: 292.995 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064722.D

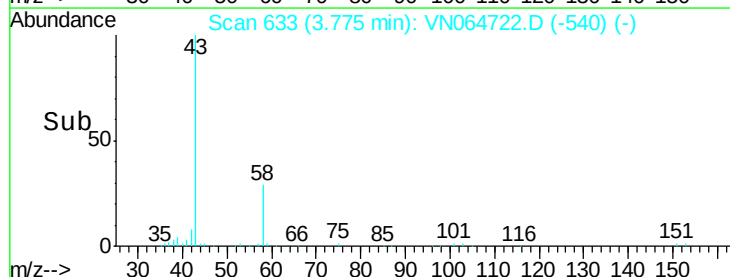
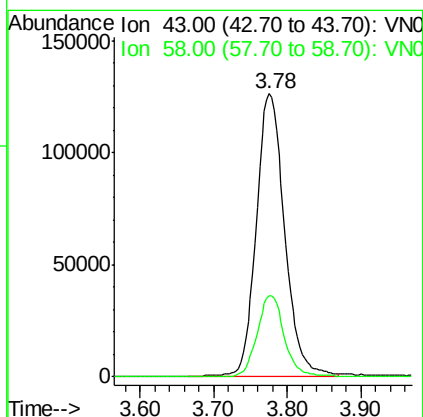
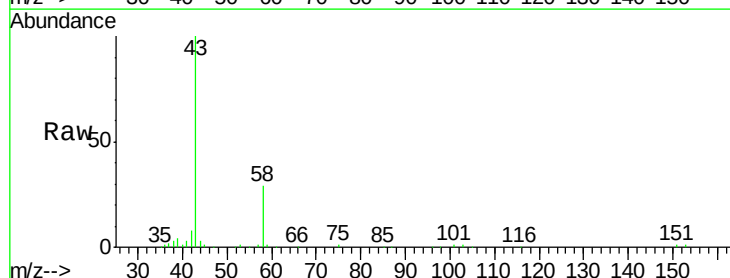
Acq: 18 Nov 2020 21:24

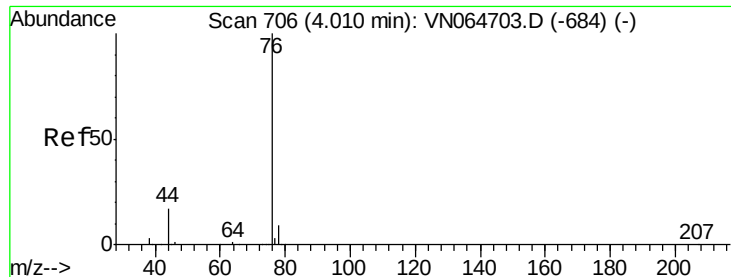
Tgt Ion: 43 Resp: 341840

Ion Ratio Lower Upper

43 100

58 28.4 21.2 31.8





#17

Carbon Disulfide

Concen: 50.300 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

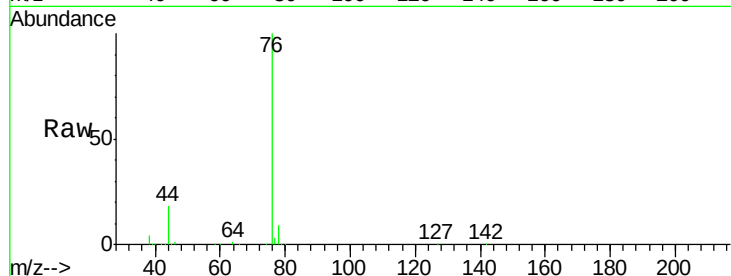
VSTDCCC050EC

Tot Ion: 76 Resp: 429794

Ion Ratio Lower Upper

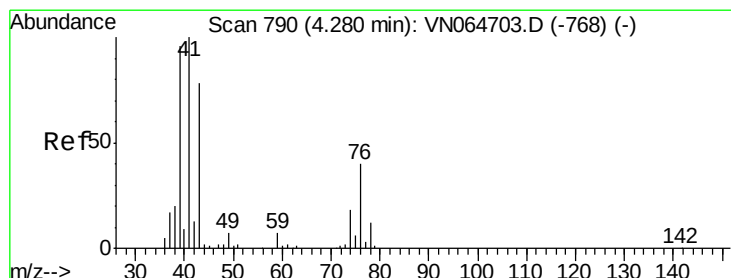
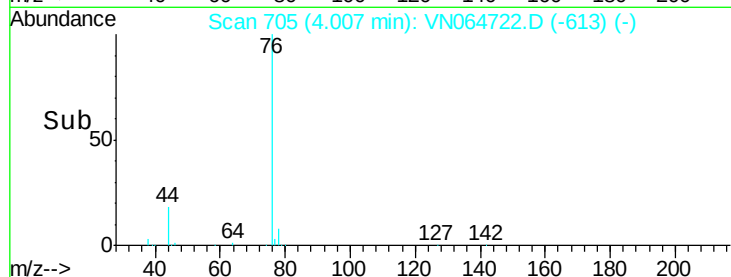
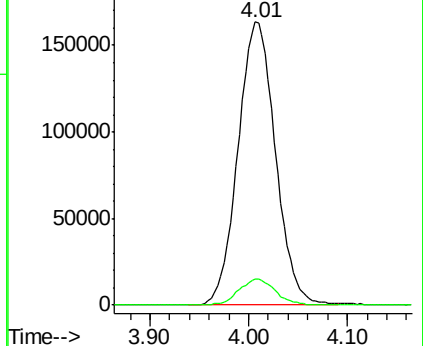
76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN064703.D (-684) (-)

Ion 77.90 (77.60 to 78.60): VN064703.D (-684) (-)



#18

Methyl Acetate

Concen: 50.559 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064722.D

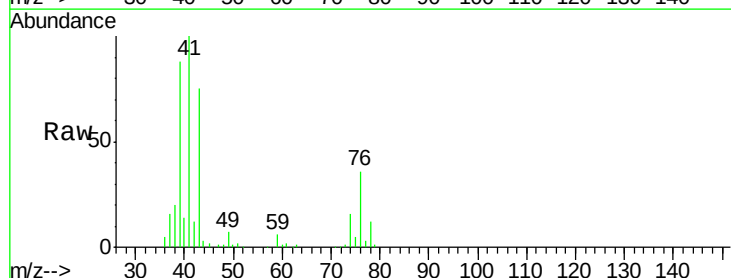
Acq: 18 Nov 2020 21:24

Tgt Ion: 43 Resp: 178425

Ion Ratio Lower Upper

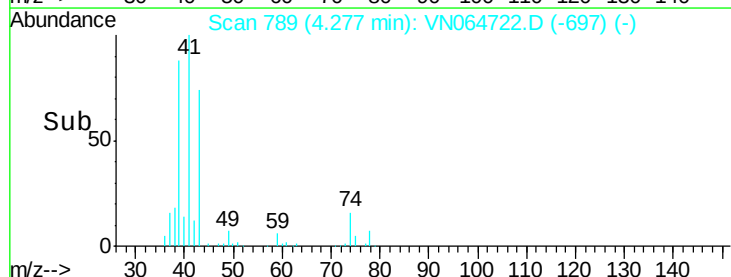
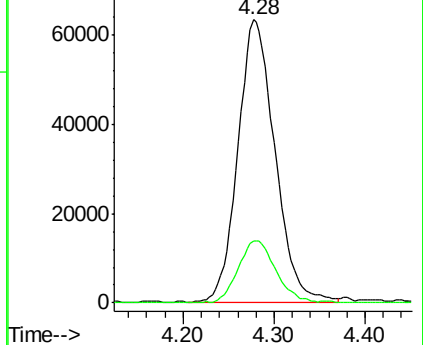
43 100

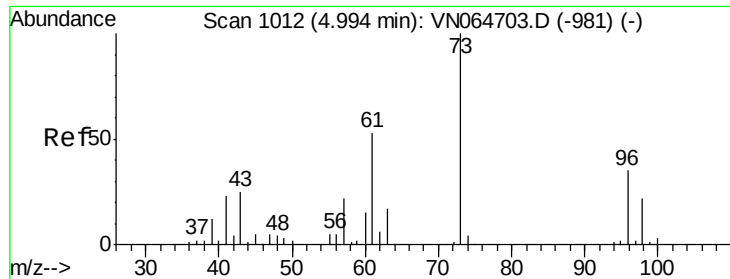
74 21.7 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): VN064722.D (-697) (-)

Ion 74.00 (73.70 to 74.70): VN064722.D (-697) (-)

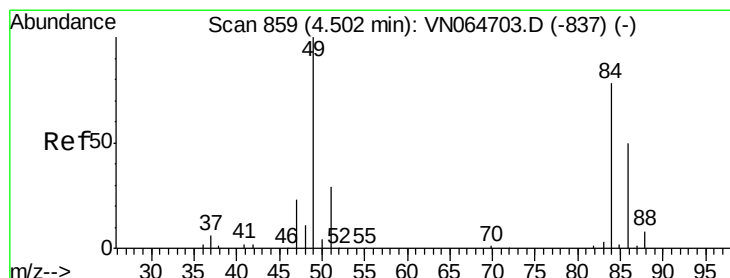
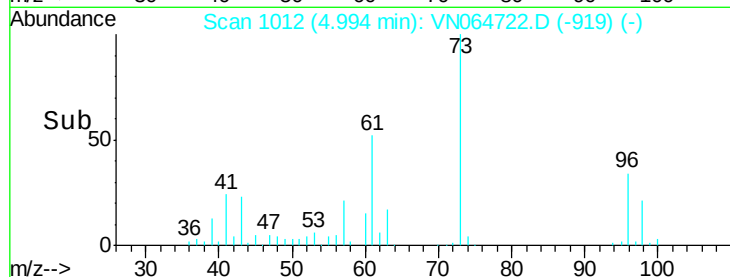
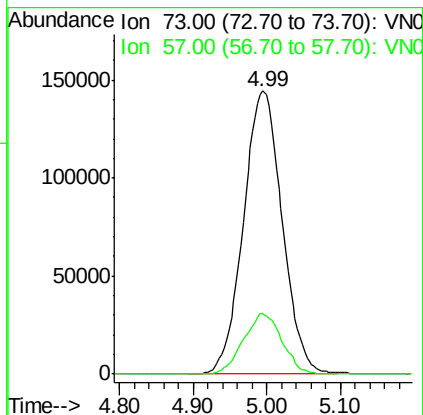
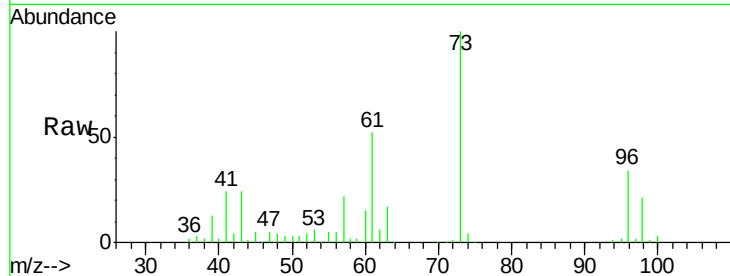




#19
Methvl tert-butvl Ether
Concen: 53.773 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

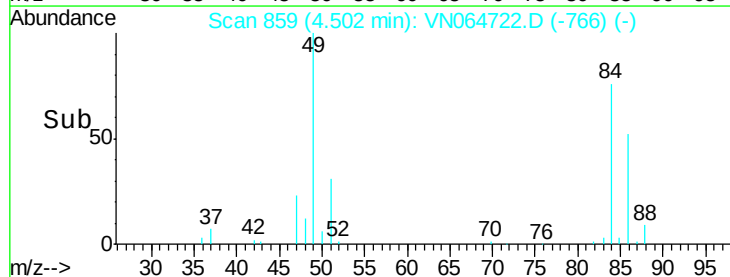
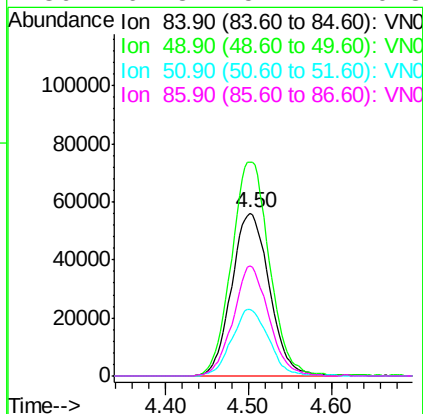
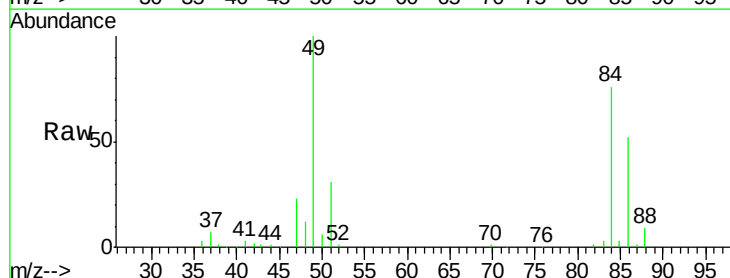
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

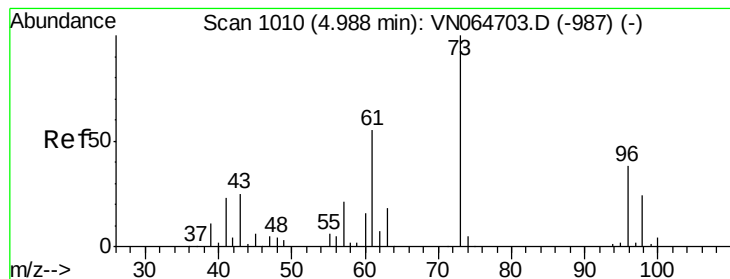
Tot Ion: 73 Resp: 528654
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 50.013 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 84 Resp: 178048
Ion Ratio Lower Upper
84 100
49 130.9 102.4 153.6
51 40.8 29.4 44.2
86 67.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 50.060 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

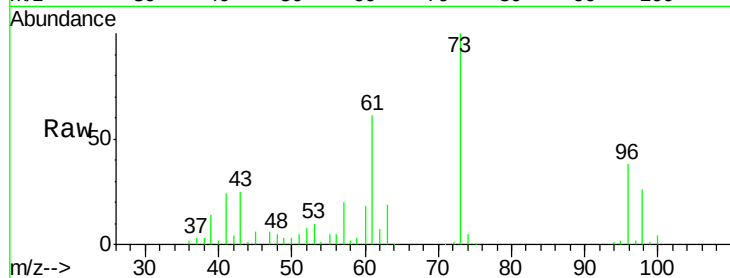
Tot Ion: 96 Resp: 164114

Ion Ratio Lower Upper

96 100

61 158.6 117.9 176.9

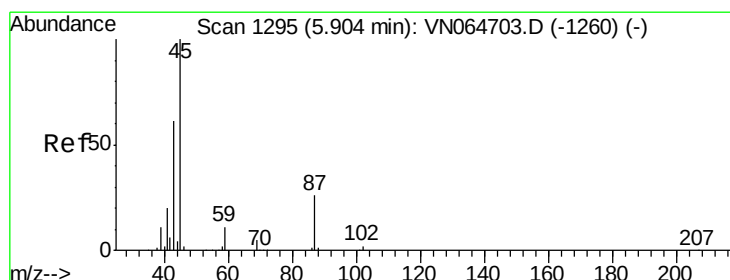
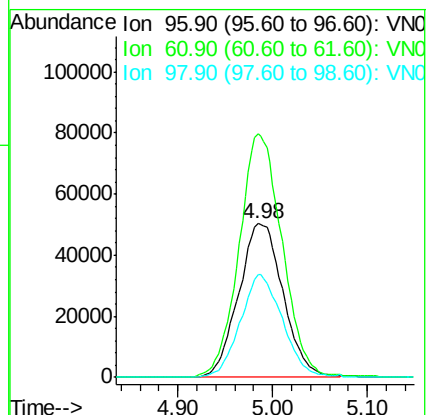
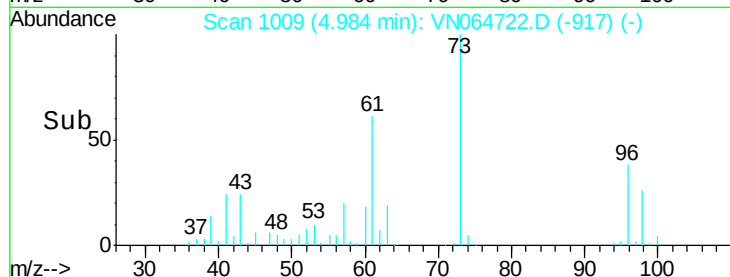
98 66.6 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN064722.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN064722.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN064722.D (-917) (-)



#22

Diisopropyl ether

Concen: 54.459 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Tgt Ion: 45 Resp: 580205

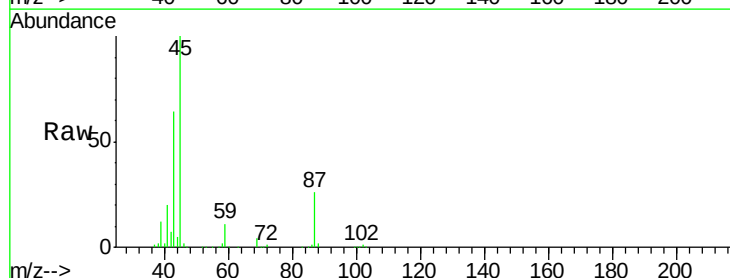
Ion Ratio Lower Upper

45 100

43 62.8 52.3 78.5

87 26.1 21.6 32.4

59 10.5 8.7 13.1

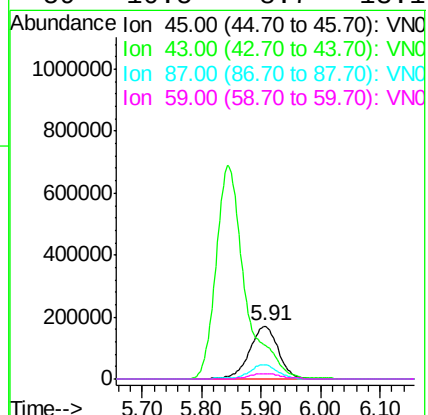
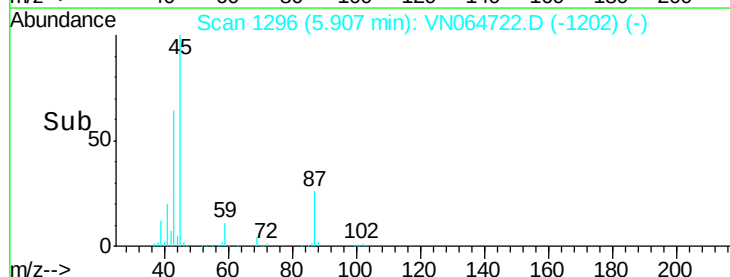


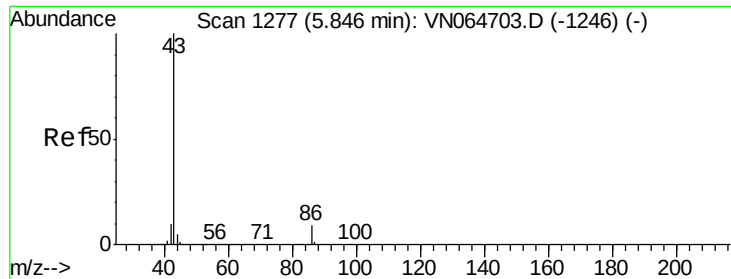
Abundance Ion 45.00 (44.70 to 45.70): VN064722.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064722.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064722.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064722.D (-1202) (-)





#23

Vinyl Acetate

Concen: 271.879 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

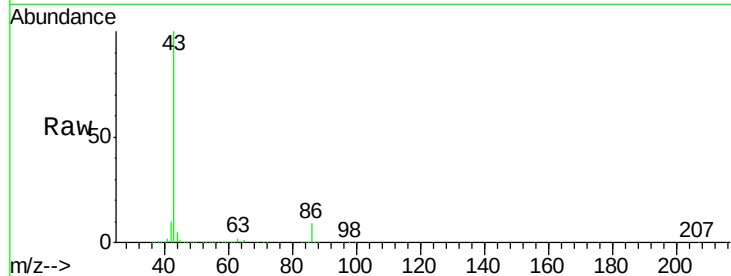
VSTDCCC050EC

Tot Ion: 43 Resp: 2337663

Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VN064722.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN064722.D (-1184) (-)

5.84

800000

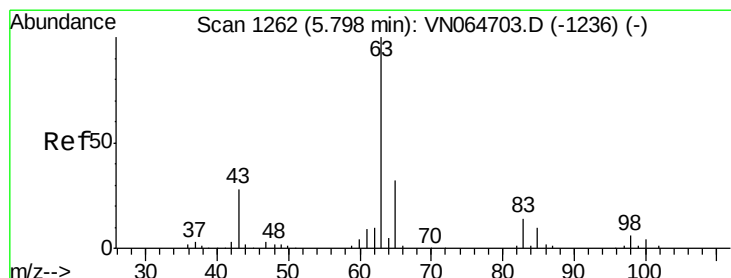
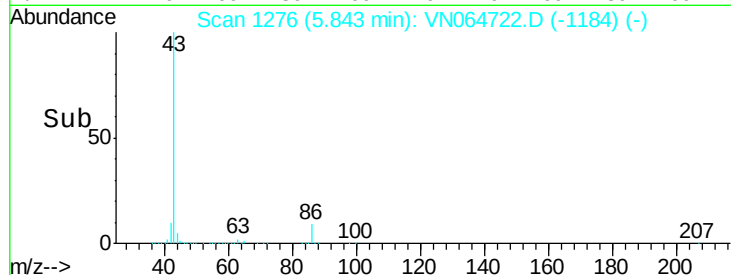
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.575 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

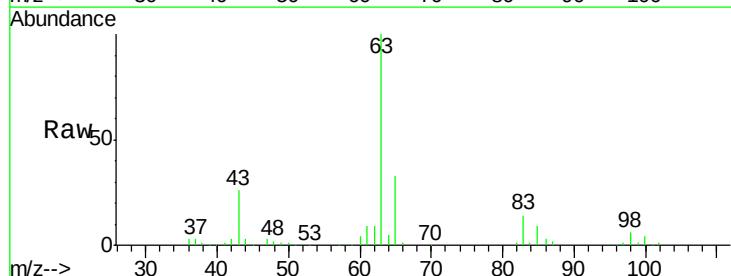
Tgt Ion: 63 Resp: 321929

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 4.3 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN064722.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064722.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064722.D (-1169) (-)

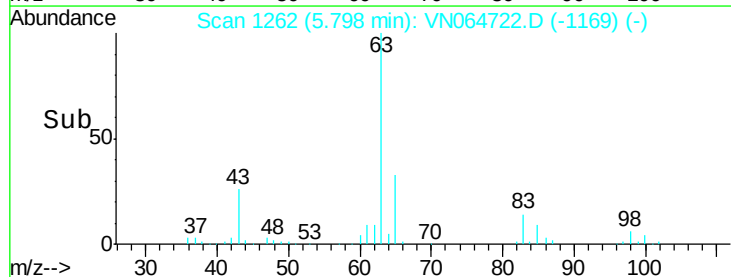
5.80

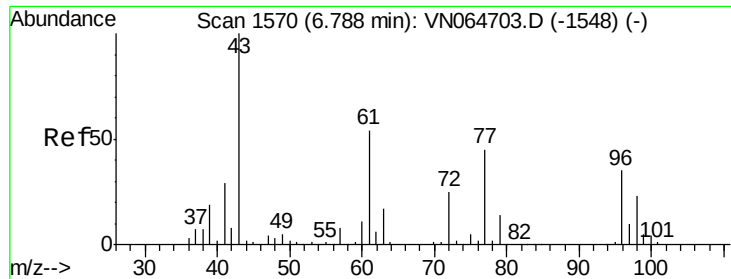
100000

50000

0

Time-->

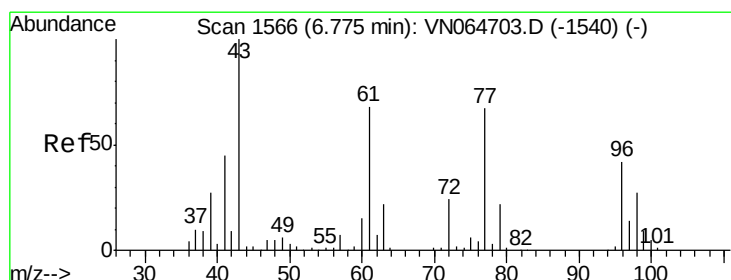
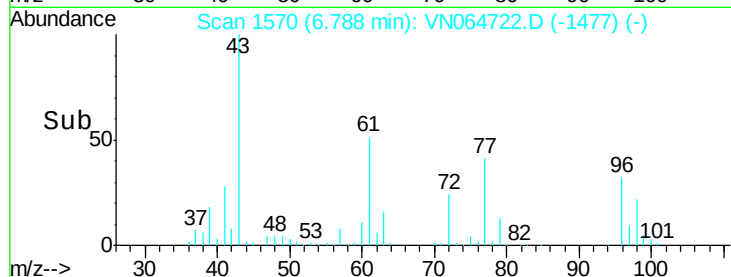
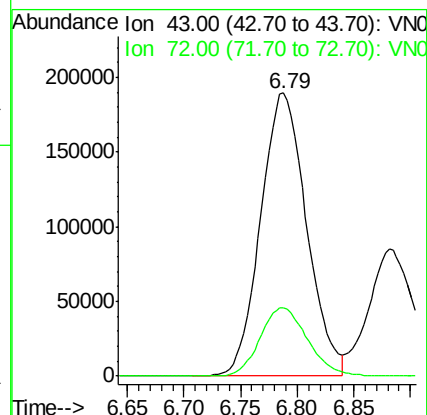
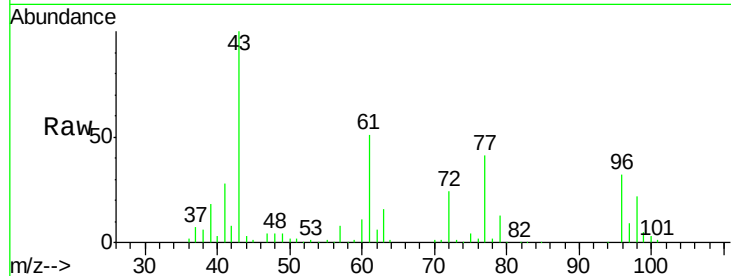




#25
2-Butanone
Concen: 289.361 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

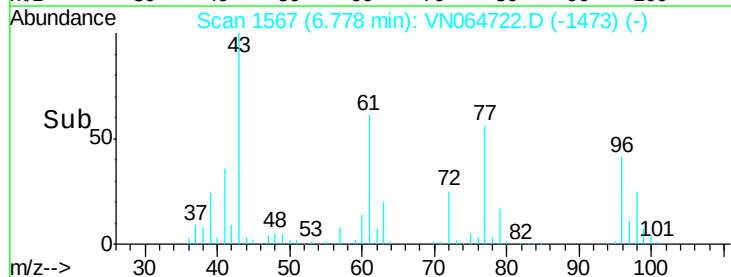
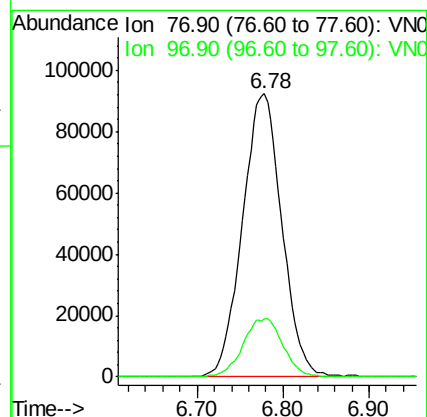
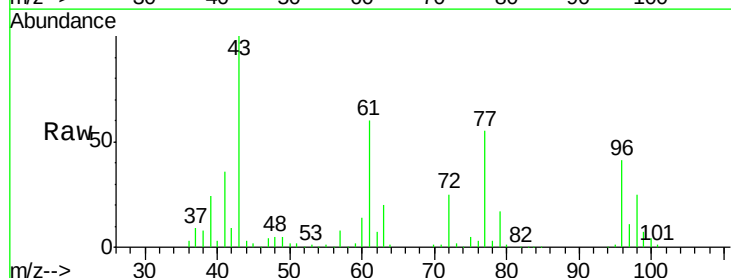
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

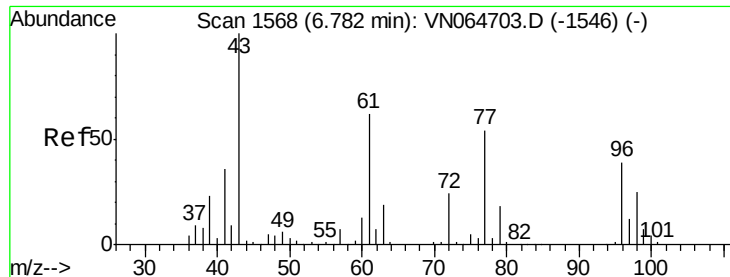
Tot Ion: 43 Resp: 531854
Ion Ratio Lower Upper
43 100
72 24.2 19.7 29.5



#26
2,2-Dichloropropane
Concen: 49.553 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 77 Resp: 293920
Ion Ratio Lower Upper
77 100
97 20.8 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 53.246 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

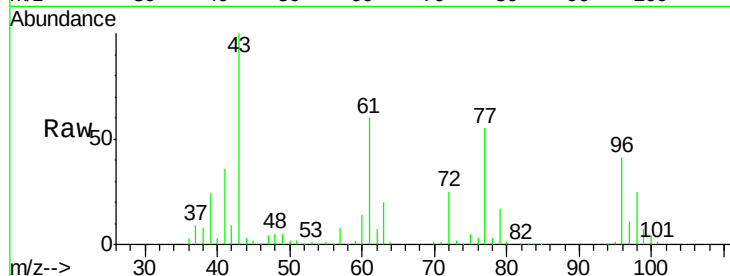
Tot Ion: 96 Resp: 192453

Ion Ratio Lower Upper

96 100

61 158.0 0.0 322.6

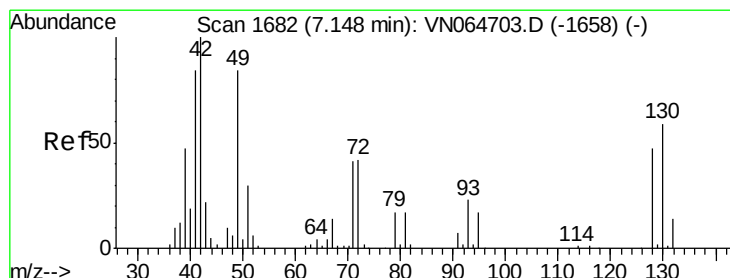
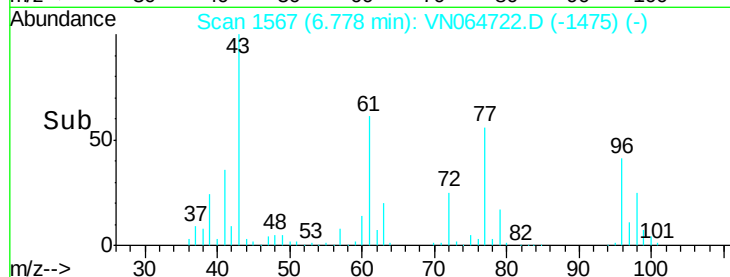
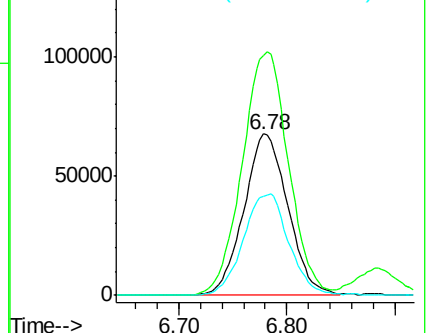
98 64.9 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN064722.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN064722.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN064722.D (-1475) (-)



#28

Bromochloromethane

Concen: 49.815 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

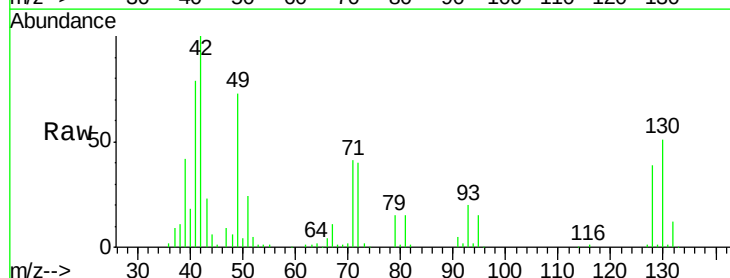
Tgt Ion: 49 Resp: 156781

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

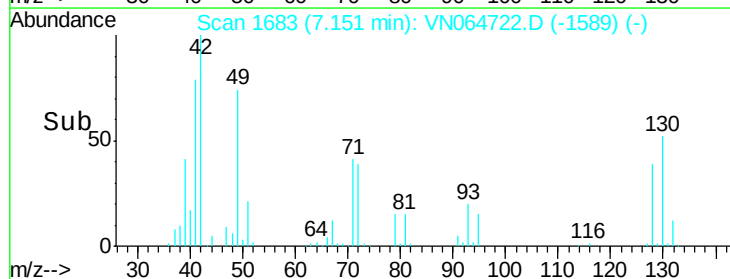
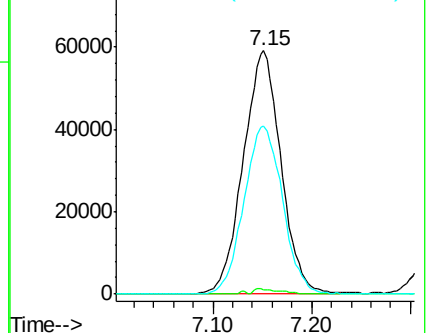
130 70.4 56.2 84.4

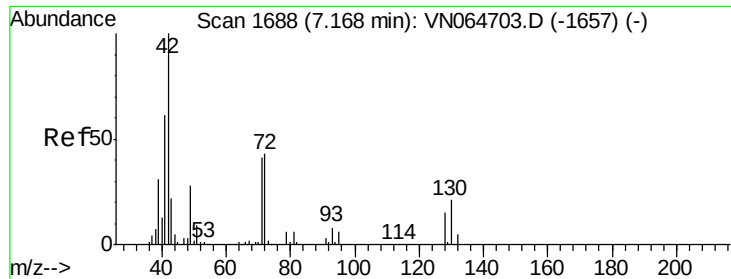


Abundance Ion 48.90 (48.60 to 49.60): VN064722.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064722.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064722.D (-1589) (-)

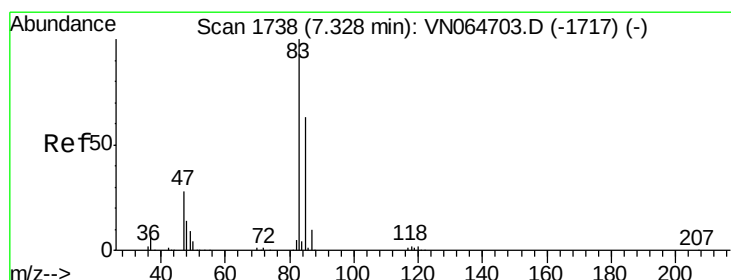
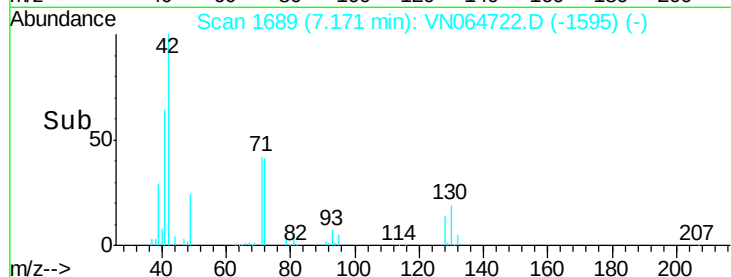
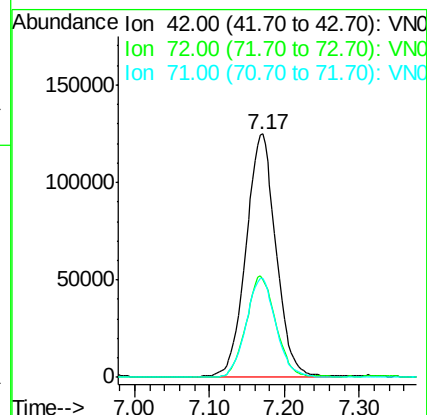
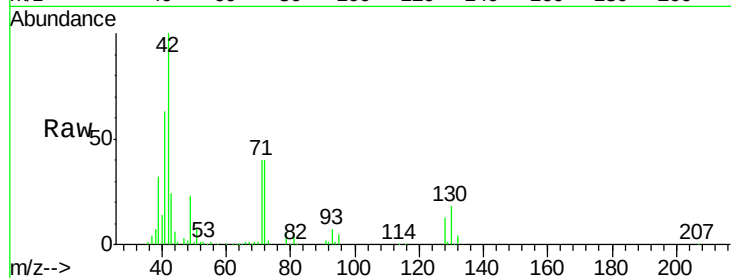




#29
Tetrahydrofuran
Concen: 279.714 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

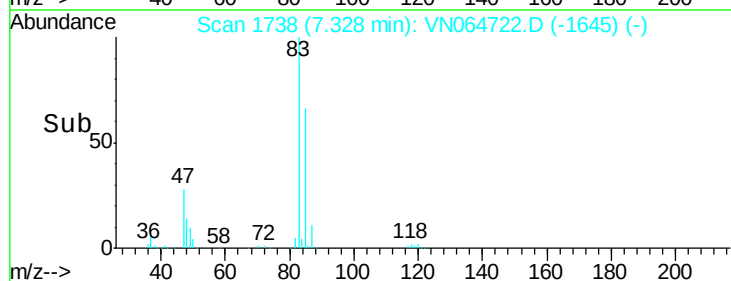
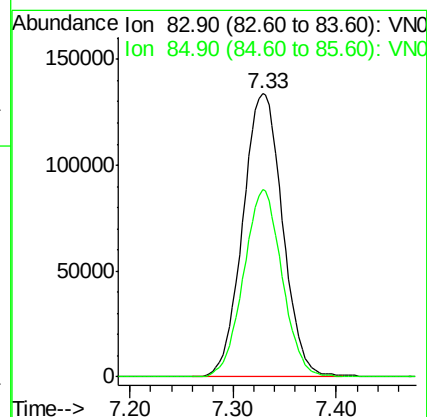
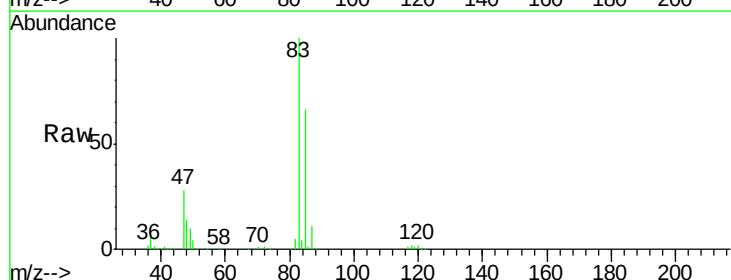
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

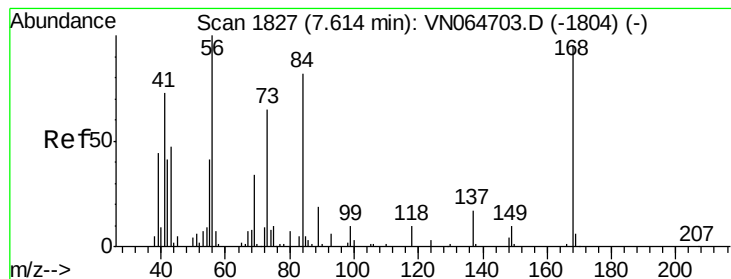
Tot Ion: 42 Resp: 347376
Ion Ratio Lower Upper
42 100
72 41.4 33.0 49.4
71 40.5 31.8 47.6



#30
Chloroform
Concen: 52.831 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 83 Resp: 358370
Ion Ratio Lower Upper
83 100
85 66.3 50.6 75.8





#31

Cyclohexane

Concen: 49.177 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

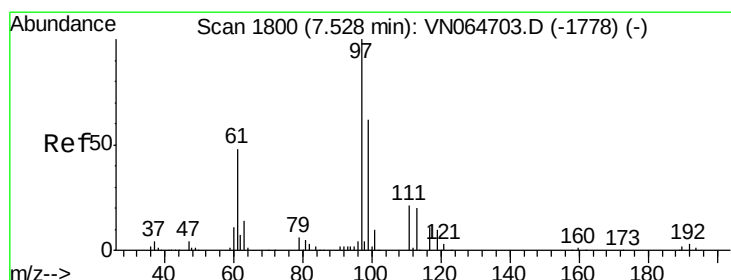
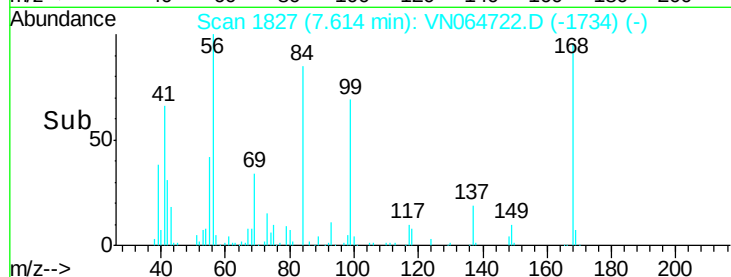
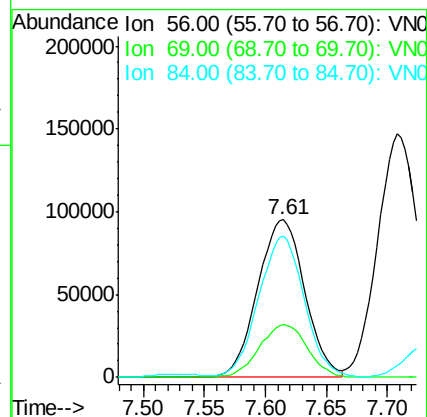
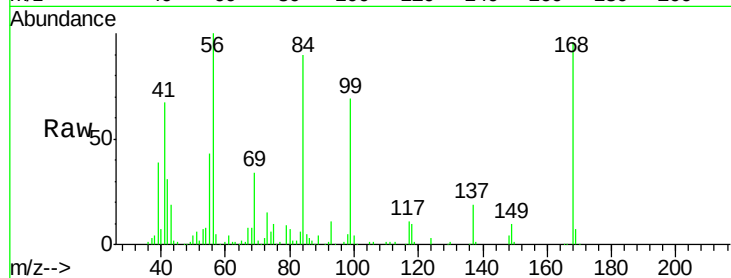
Tot Ion: 56 Resp: 255599

Ion Ratio Lower Upper

56 100

69 33.6 27.2 40.8

84 88.0 65.9 98.9



#32

1,1,1-Trichloroethane

Concen: 51.580 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

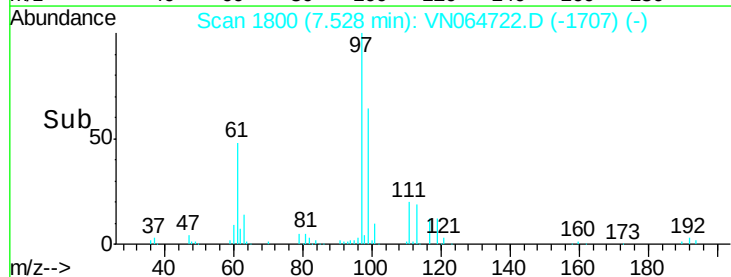
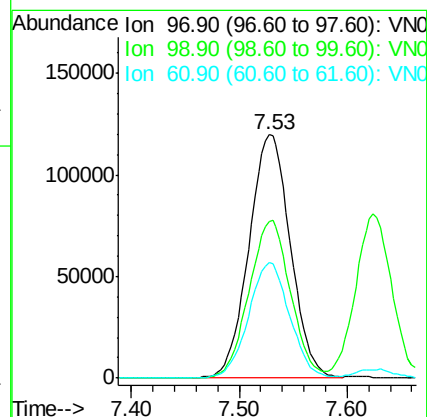
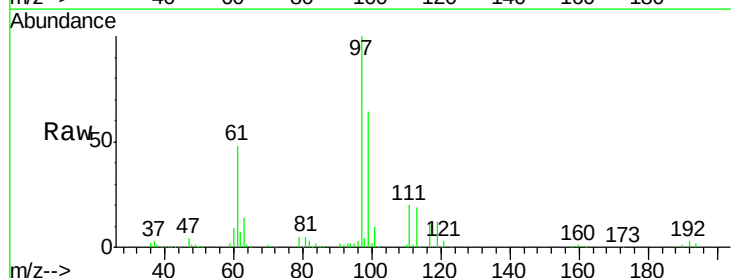
Tgt Ion: 97 Resp: 319800

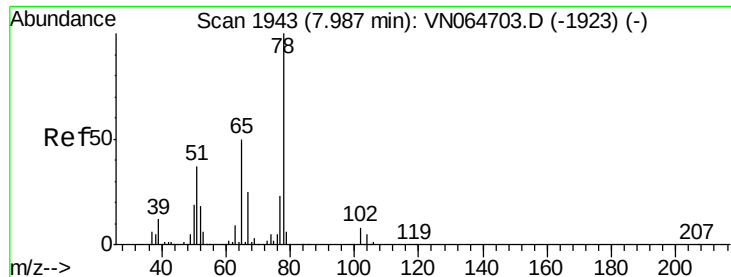
Ion Ratio Lower Upper

97 100

99 64.6 50.6 76.0

61 47.2 38.3 57.5

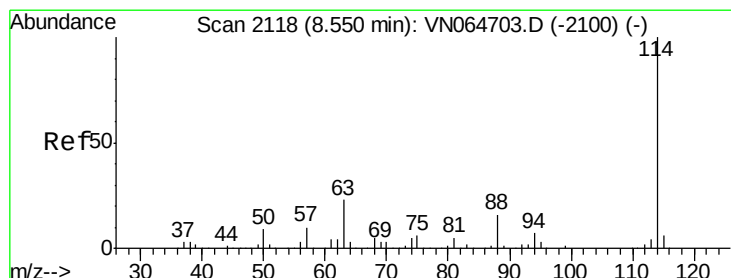
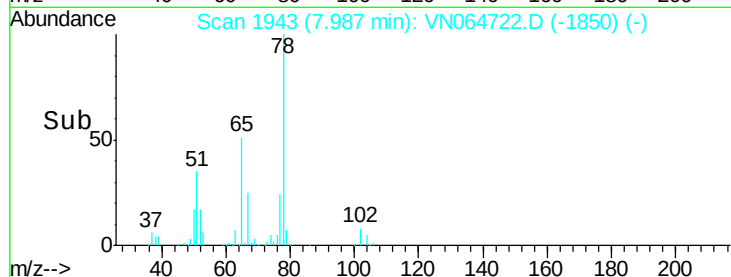
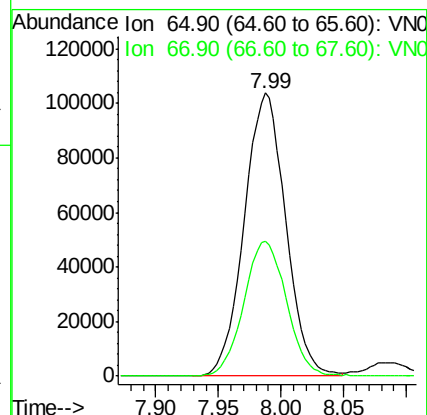
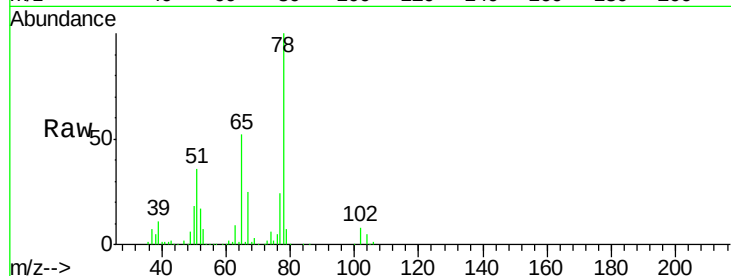




#33
 1,2-Dichloroethane-d4
 Concen: 49.508 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

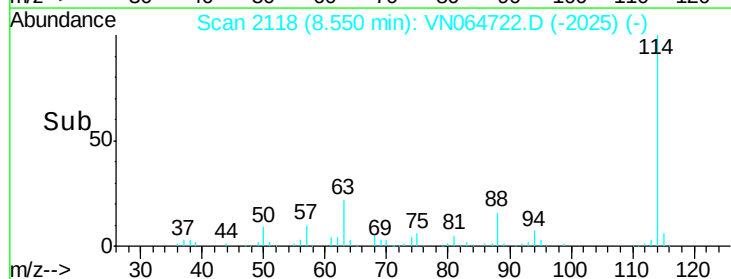
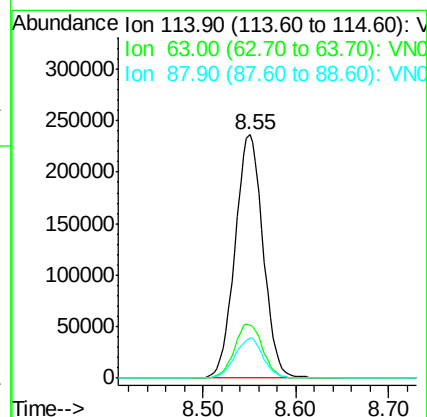
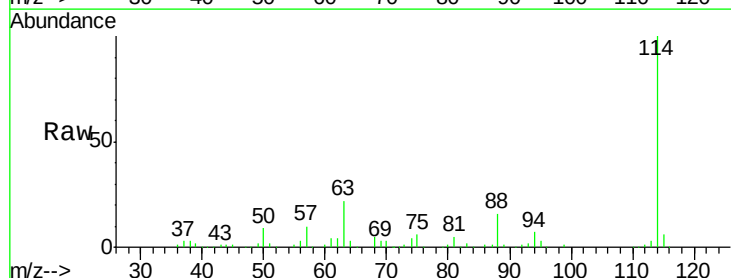
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

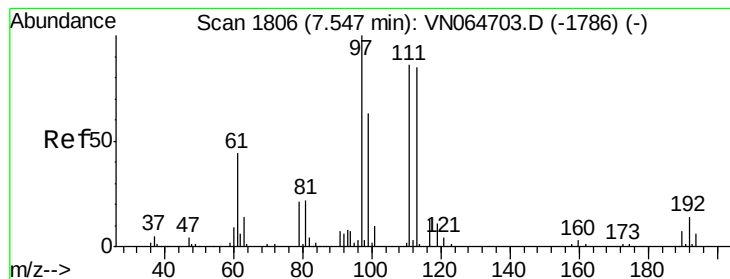
Tot Ion: 65 Resp: 238012
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Tgt Ion: 114 Resp: 493951
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 46.0
 88 16.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 45.946 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

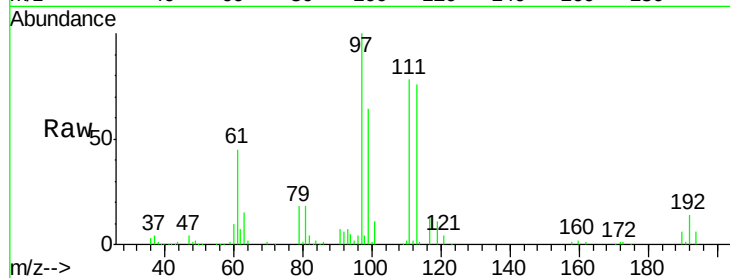
Tot Ion:113 Resp: 129174

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

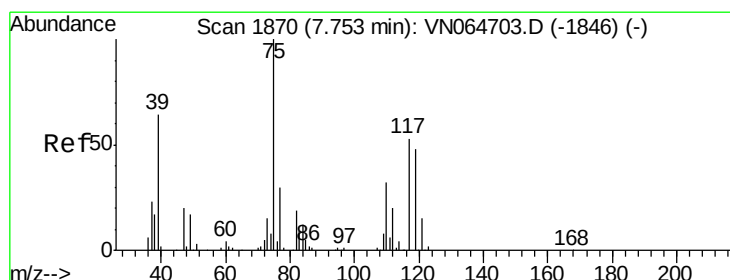
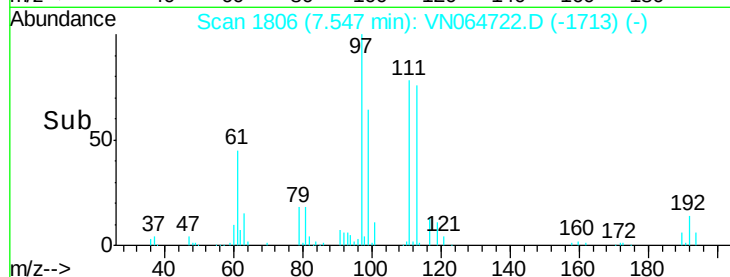
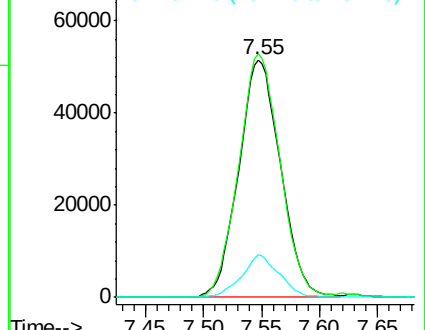
192 16.1 12.7 19.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.089 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

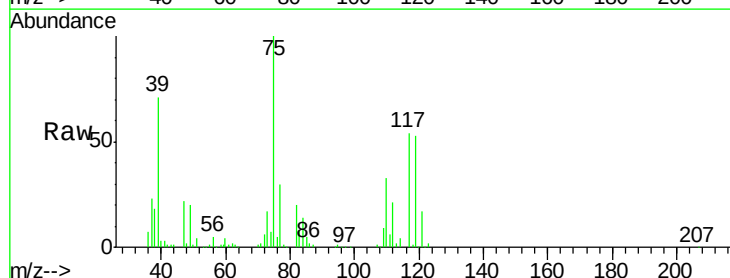
Tgt Ion: 75 Resp: 254541

Ion Ratio Lower Upper

75 100

110 33.6 16.2 48.6

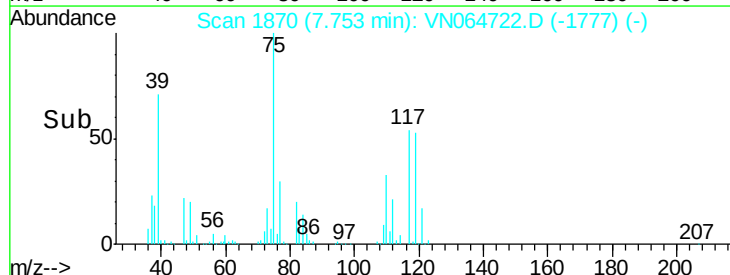
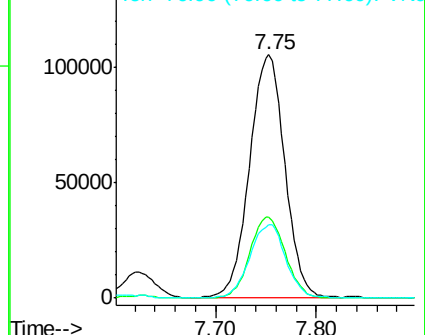
77 31.2 24.4 36.6

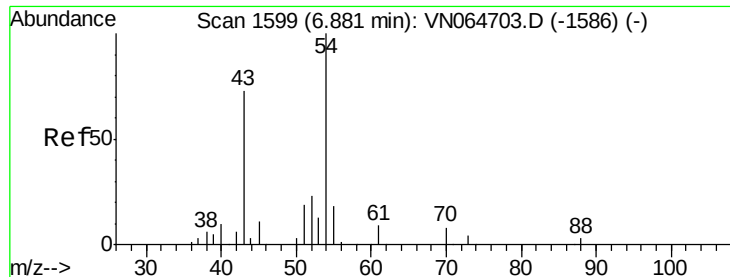


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

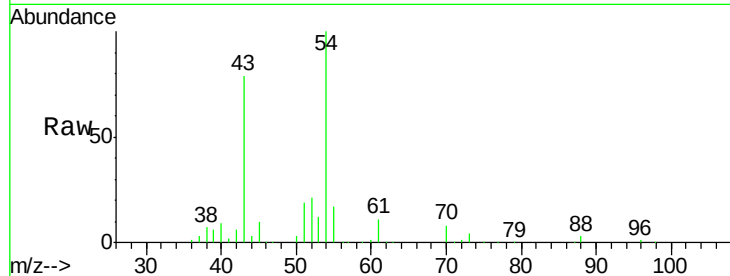




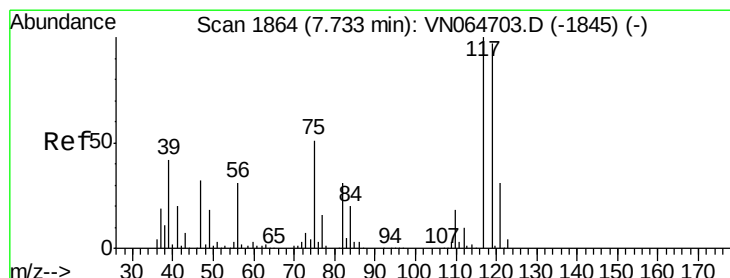
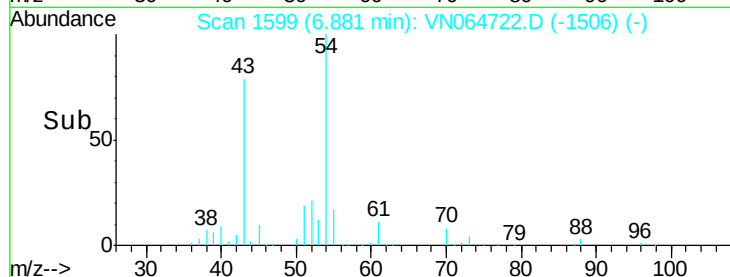
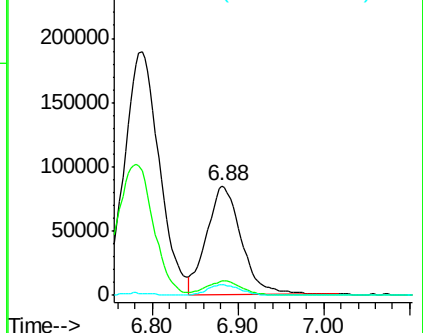
#37
Ethyl Acetate
Concen: 55.887 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 237811
Ion Ratio Lower Upper
43 100
61 13.8 10.4 15.6
70 9.3 7.6 11.4

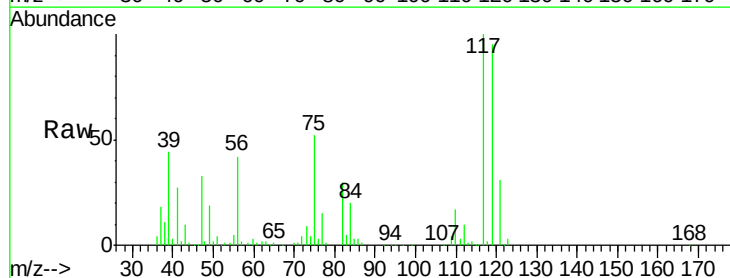


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

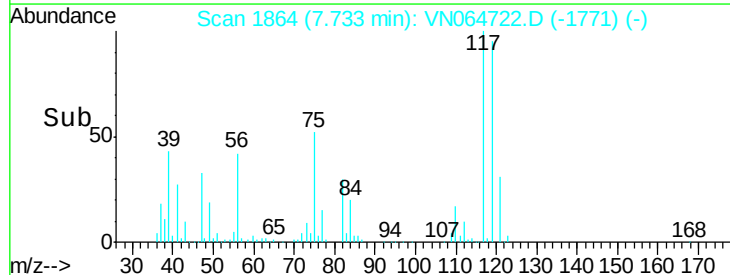
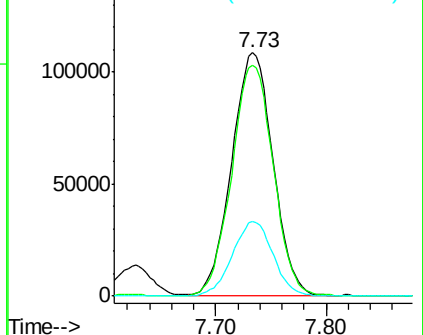


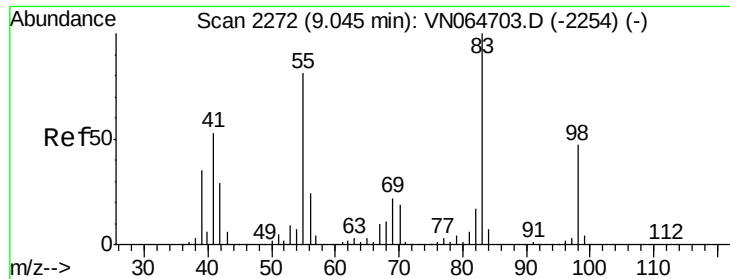
#38
Carbon Tetrachloride
Concen: 51.943 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 117 Resp: 280527
Ion Ratio Lower Upper
117 100
119 94.8 77.8 116.6
121 31.0 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

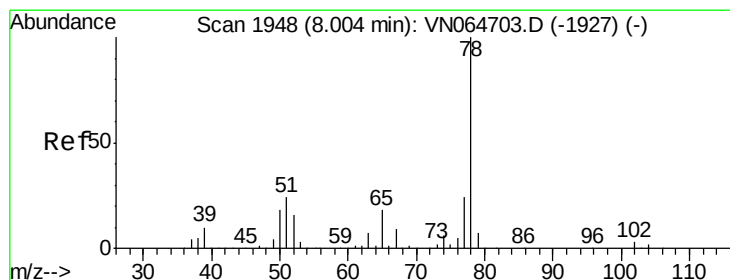
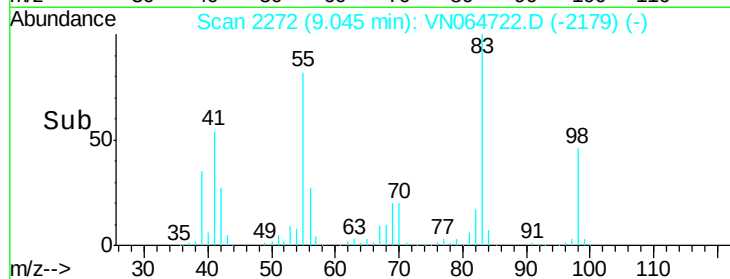
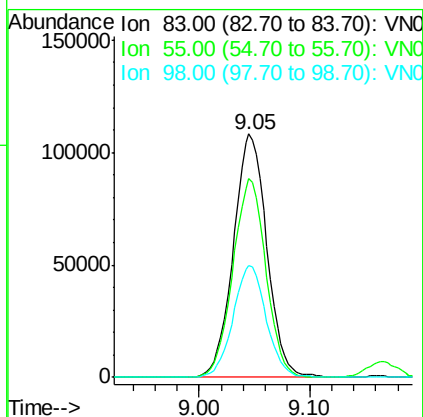
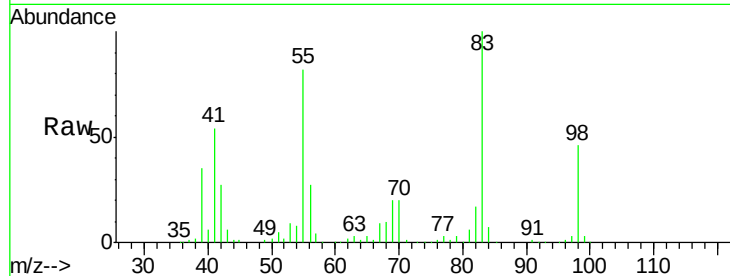




#39
Methylvlcyclohexane
Concen: 50.407 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

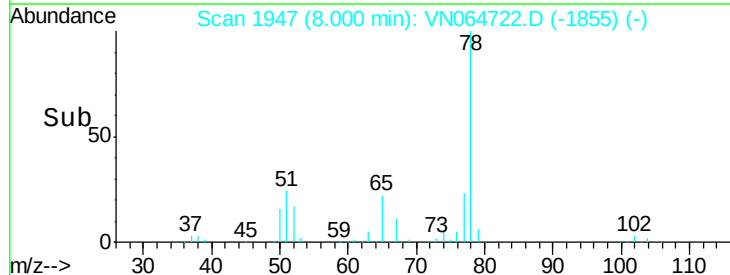
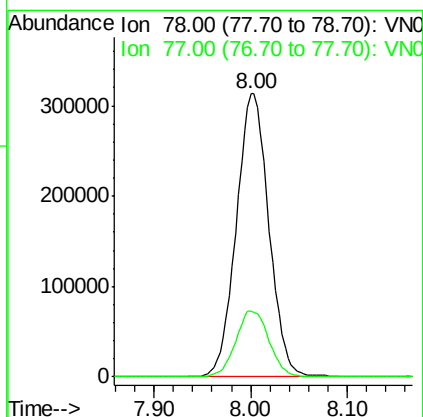
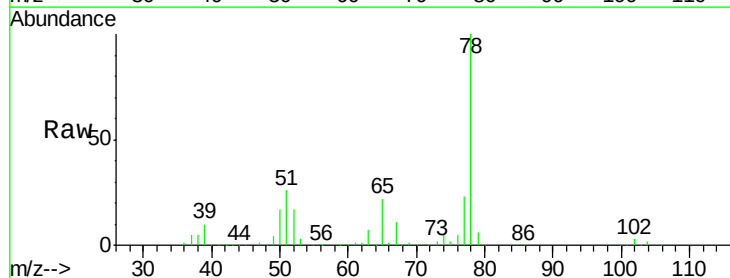
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

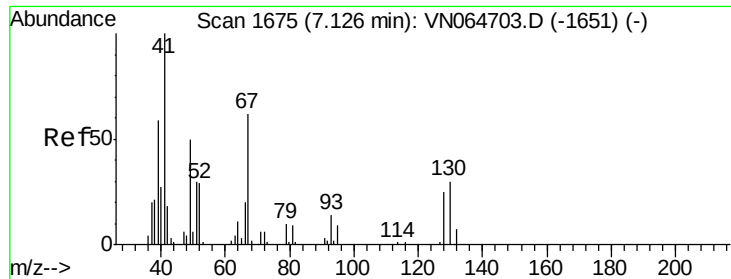
Tot Ion: 83 Resp: 226971
Ion Ratio Lower Upper
83 100
55 81.7 64.6 97.0
98 45.9 37.7 56.5



#40
Benzene
Concen: 51.708 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 78 Resp: 732154
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8

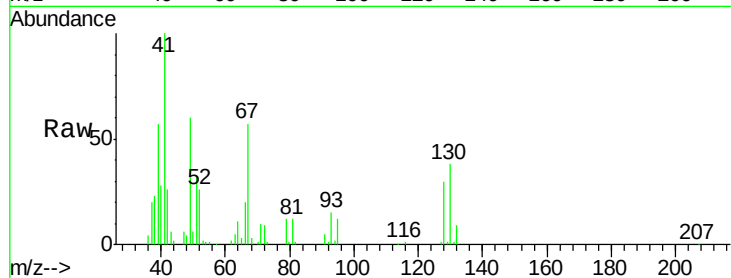




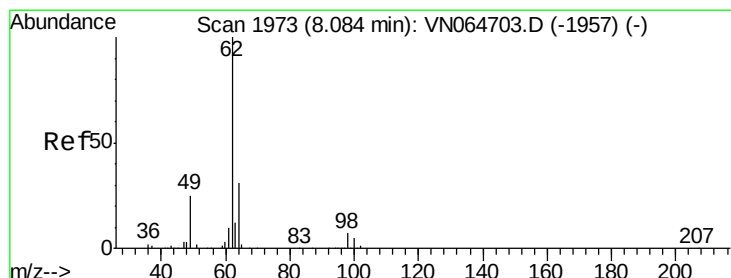
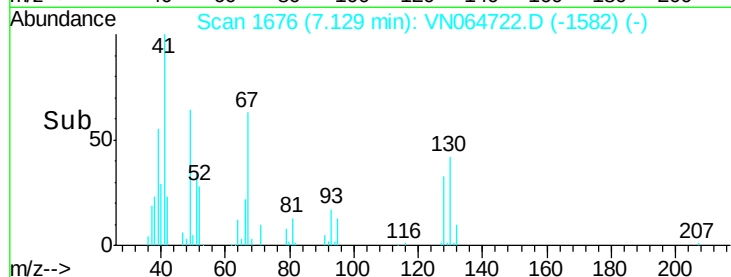
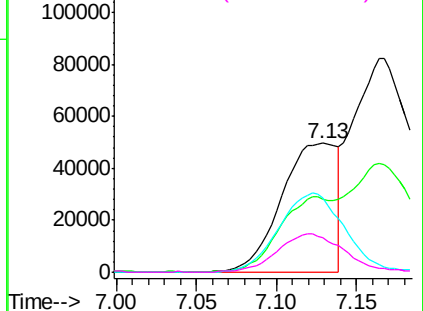
#41
Methacrylonitrile
Concen: 61.469 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 119885
Ion Ratio Lower Upper
41 100
39 50.0 46.0 69.0
67 72.8 67.0 100.4
52 36.3 31.7 47.5

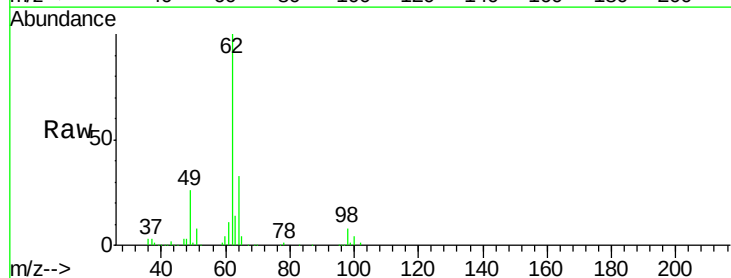


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

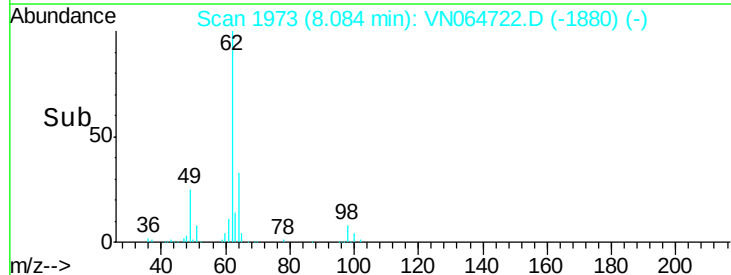
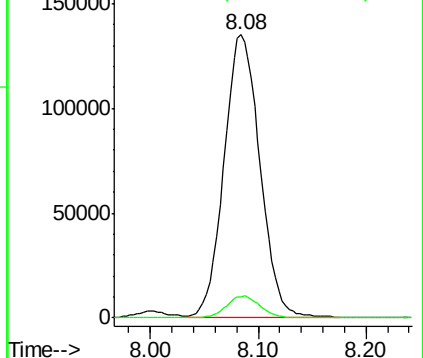


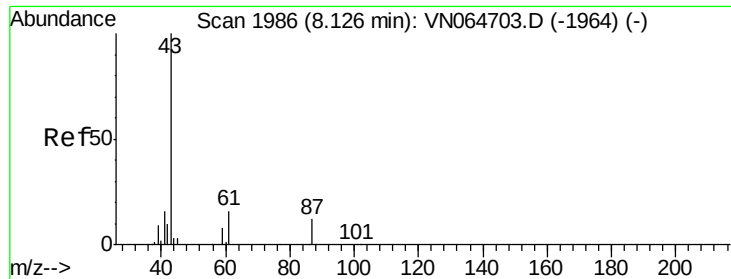
#42
1,2-Dichloroethane
Concen: 51.221 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 62 Resp: 312050
Ion Ratio Lower Upper
62 100
98 7.4 0.0 13.6



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





#43

Isopropyl Acetate

Concen: 50.498 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

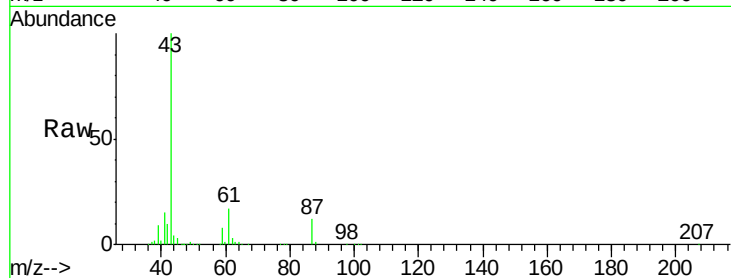
Tot Ion: 43 Resp: 416491

Ion Ratio Lower Upper

43 100

61 16.7 14.1 21.1

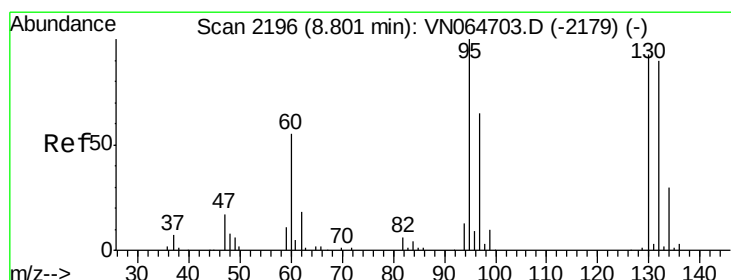
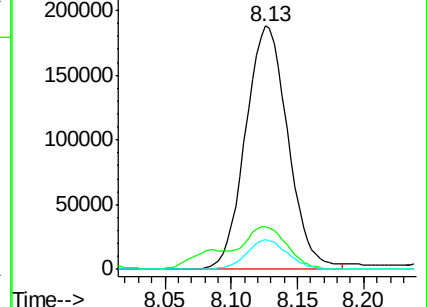
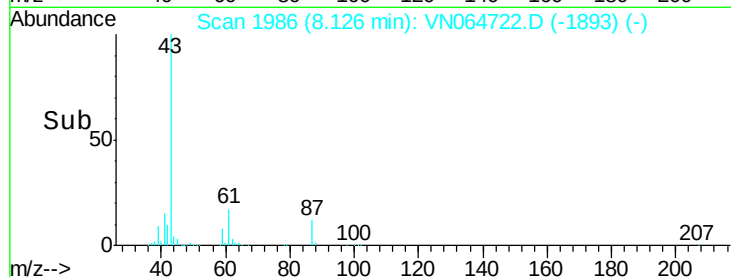
87 11.7 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064722.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064722.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064722.D (-1893) (-)



#44

Trichloroethene

Concen: 49.475 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064722.D

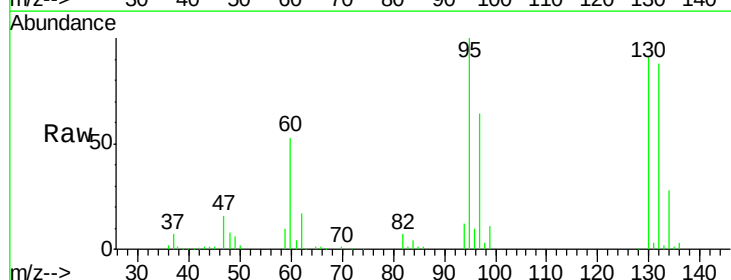
Acq: 18 Nov 2020 21:24

Tgt Ion: 130 Resp: 201046

Ion Ratio Lower Upper

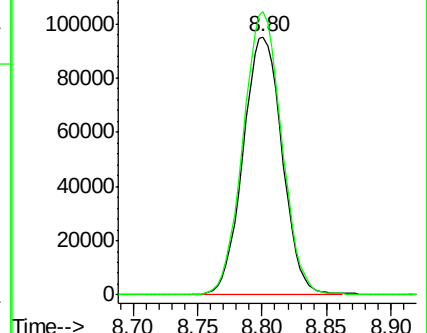
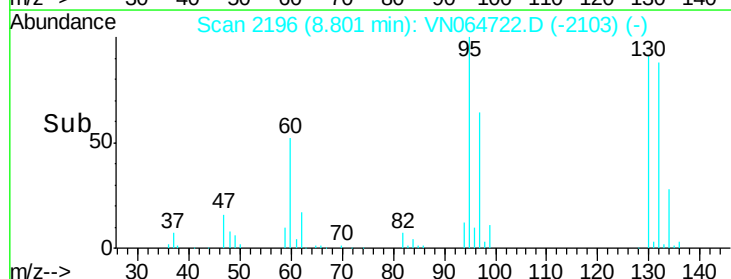
130 100

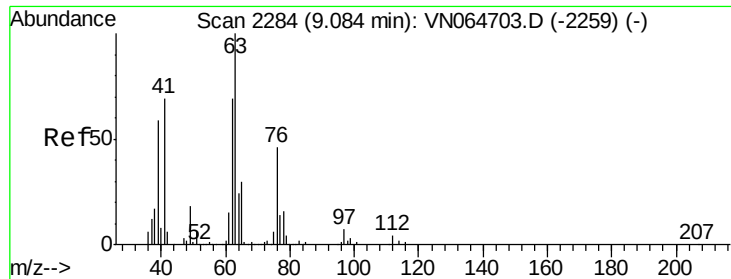
95 109.6 0.0 214.2



Abundance Ion 129.80 (129.50 to 130.50): VN064722.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064722.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 51.970 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

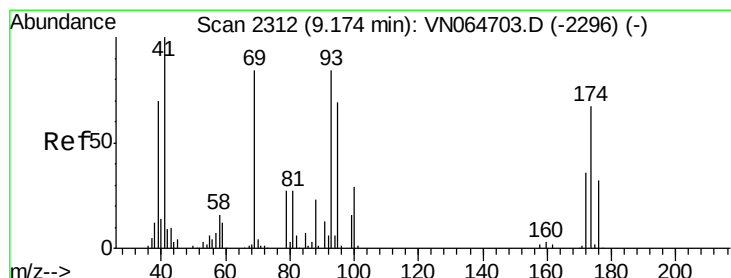
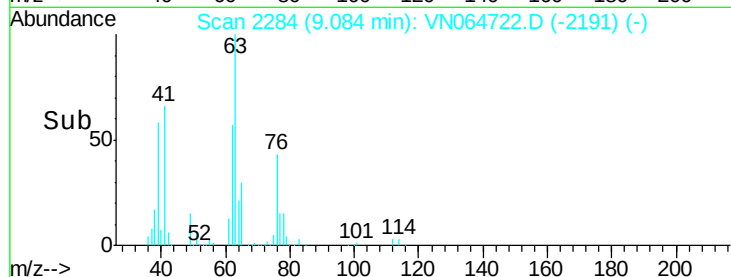
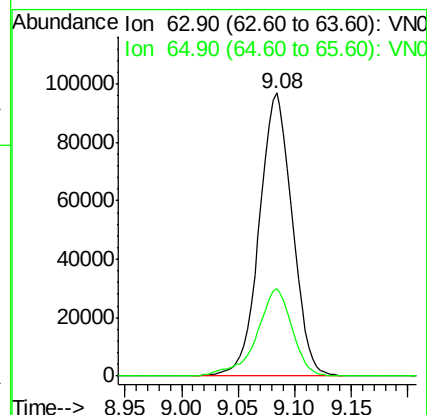
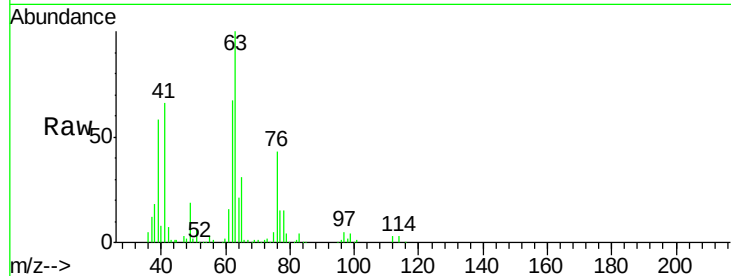
VSTDCCC050EC

Tot Ion: 63 Resp: 196150

Ion Ratio Lower Upper

63 100

65 30.7 24.0 36.0



#46

Dibromomethane

Concen: 51.779 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

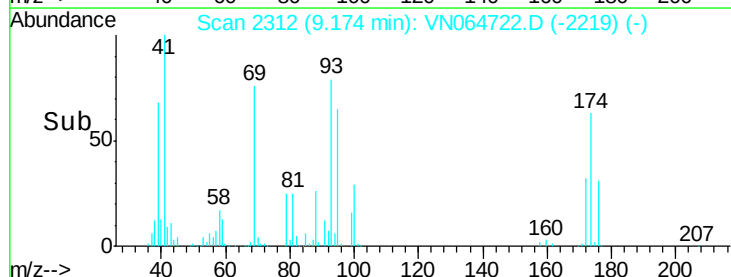
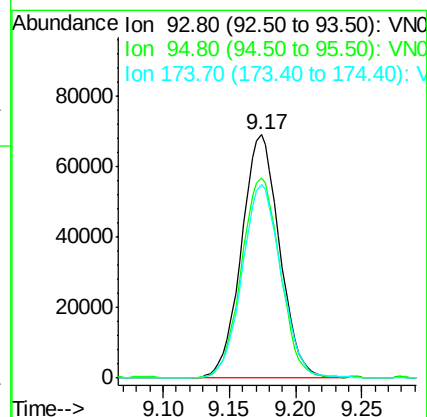
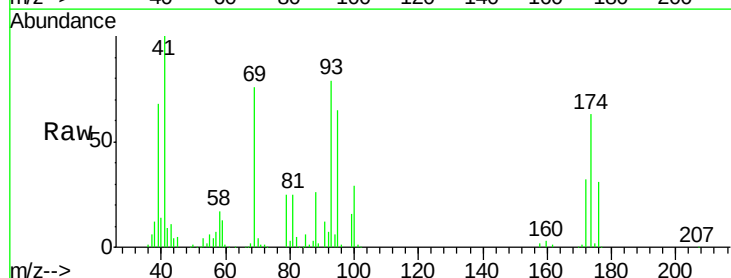
Tgt Ion: 93 Resp: 138529

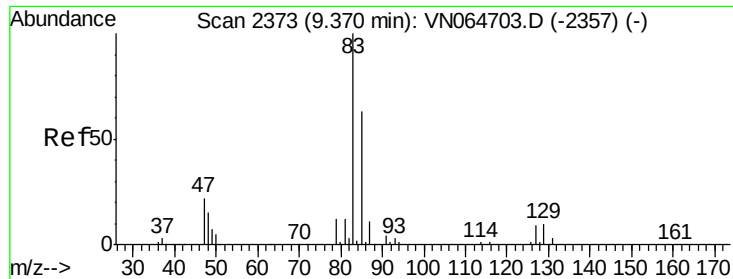
Ion Ratio Lower Upper

93 100

95 83.3 64.6 97.0

174 81.6 64.3 96.5





#47

Bromodichloromethane

Concen: 51.698 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

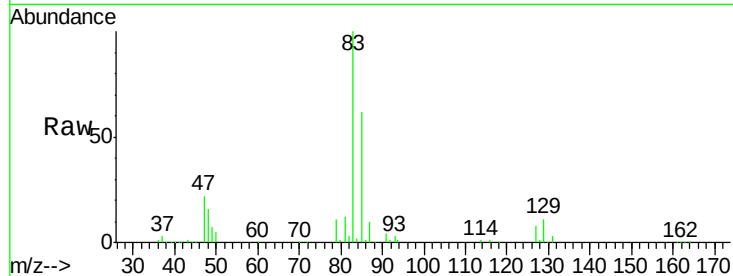
Tot Ion: 83 Resp: 290769

Ion Ratio Lower Upper

83 100

85 62.5 50.8 76.2

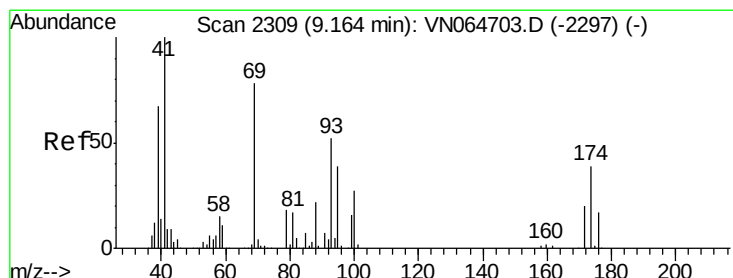
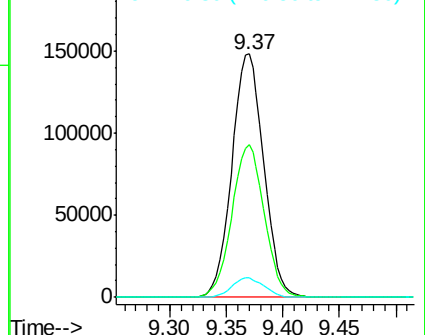
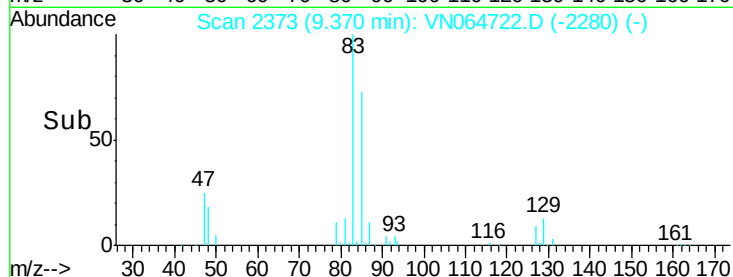
127 7.8 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN064722.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064722.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064722.D (-2280) (-)



#48

Methyl methacrylate

Concen: 52.986 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

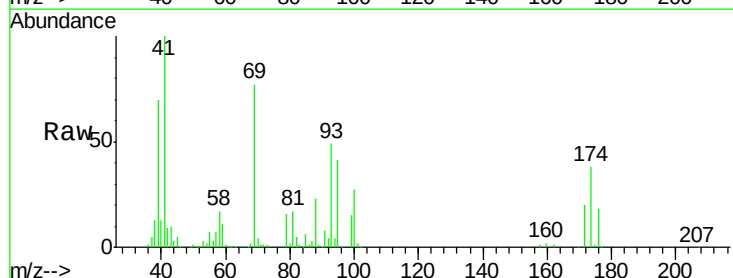
Tgt Ion: 41 Resp: 206201

Ion Ratio Lower Upper

41 100

69 77.1 62.3 93.5

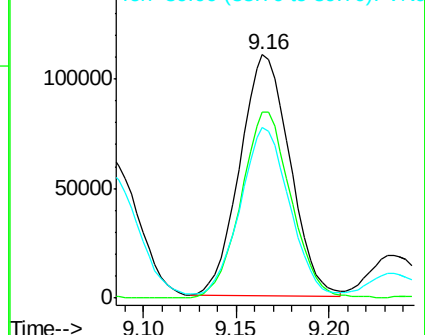
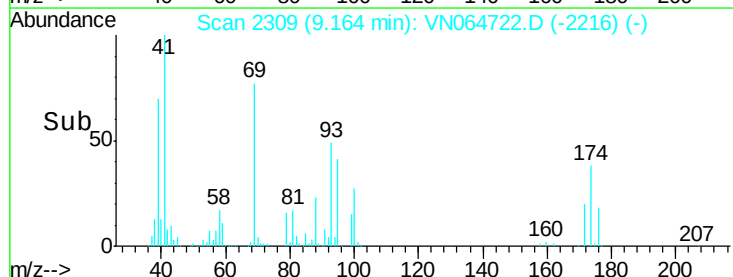
39 69.8 55.1 82.7

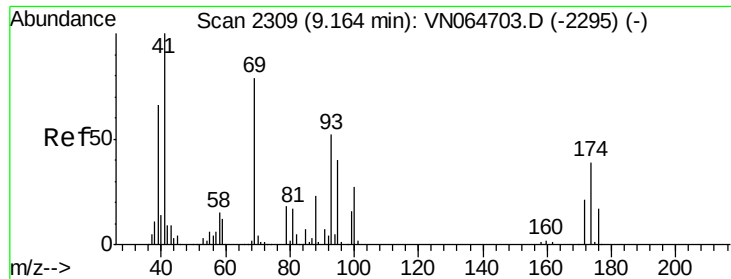


Abundance Ion 41.00 (40.70 to 41.70): VN064722.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064722.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064722.D (-2216) (-)

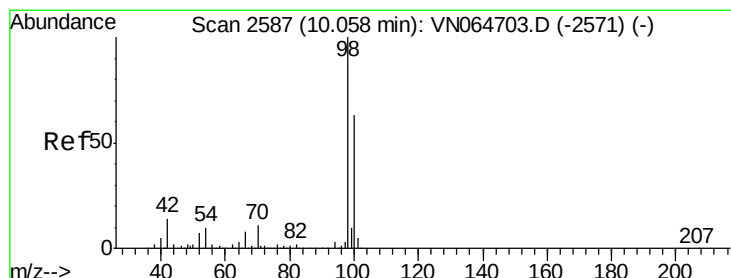
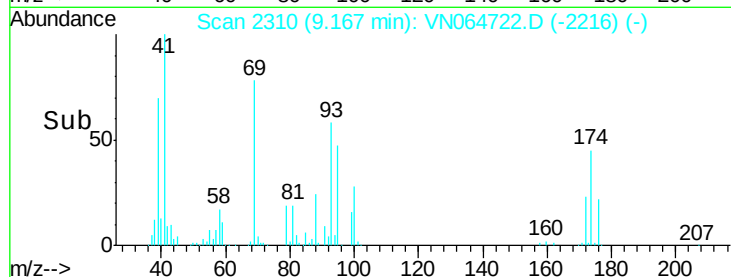
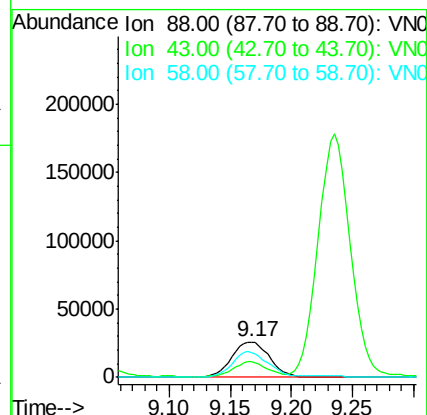
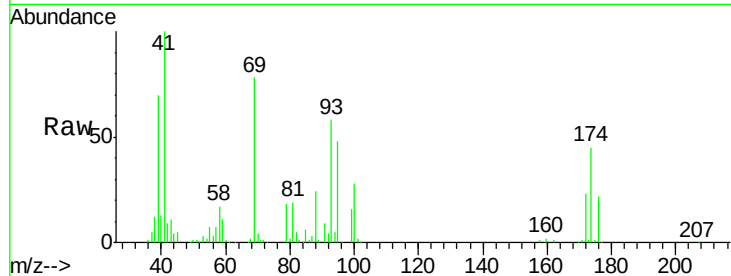




#49
 1,4-Dioxane
 Concen: 1155.044 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

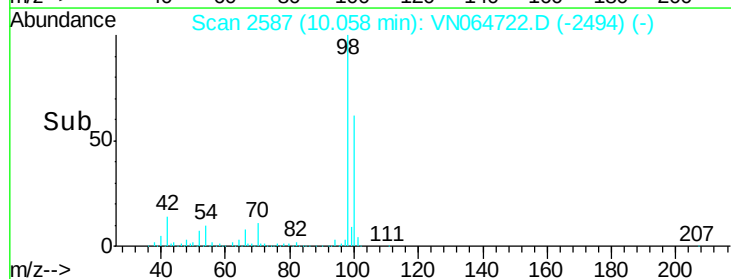
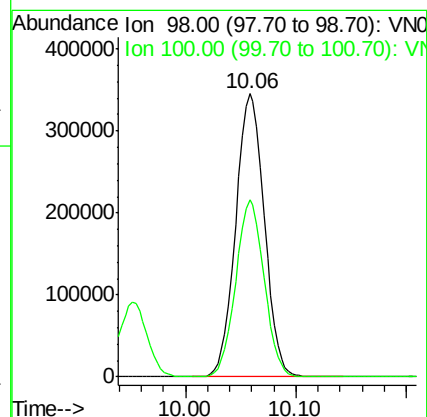
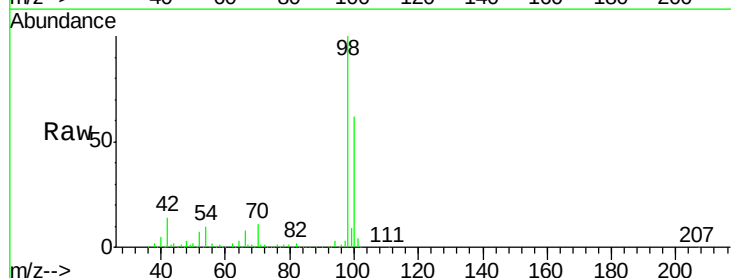
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

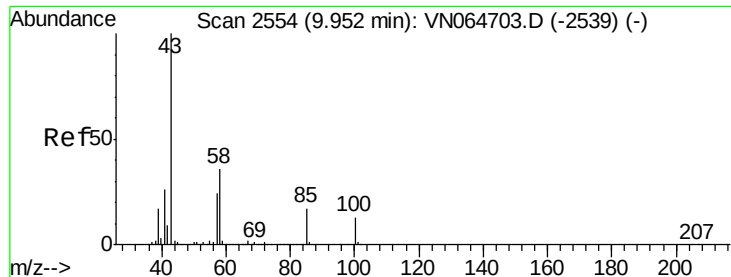
Tot Ion: 88 Resp: 56080
 Ion Ratio Lower Upper
 88 100
 43 37.0 31.3 46.9
 58 68.4 55.7 83.5



#50
 Toluene-d8
 Concen: 48.759 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Tgt Ion: 98 Resp: 623016
 Ion Ratio Lower Upper
 98 100
 100 61.7 50.4 75.6

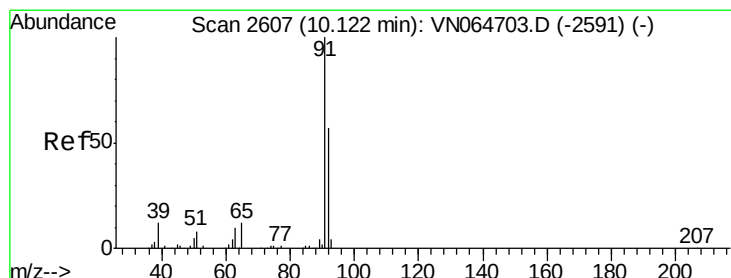
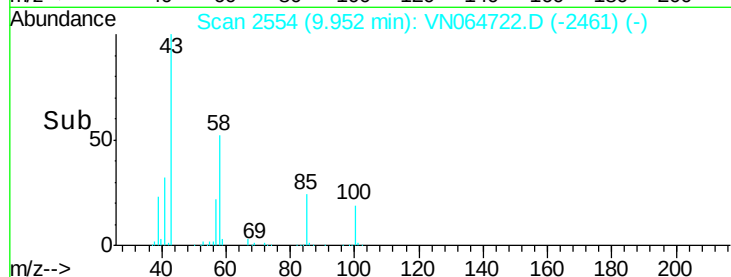
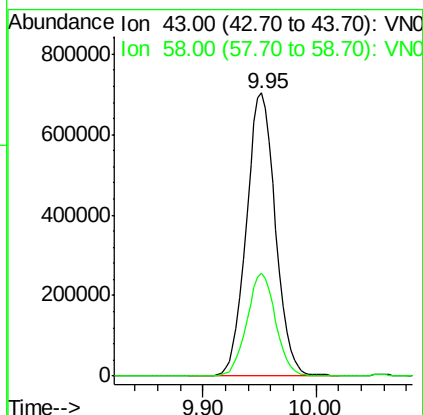
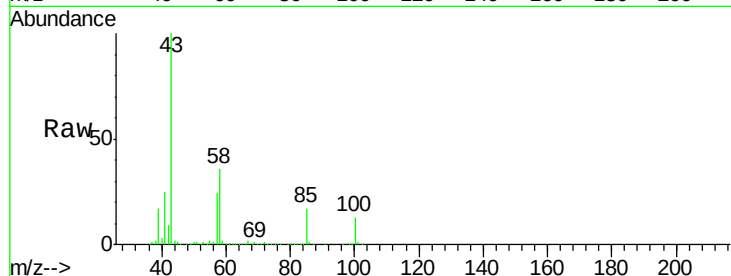




#51
 4-Methyl-2-Pentanone
 Concen: 251.947 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

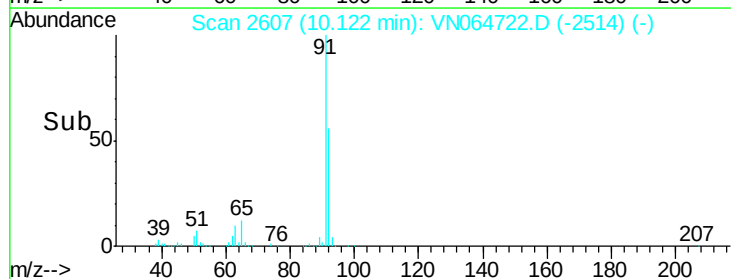
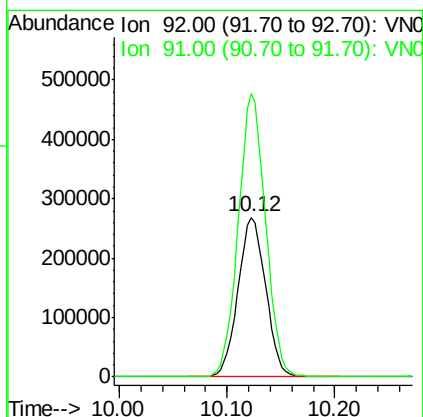
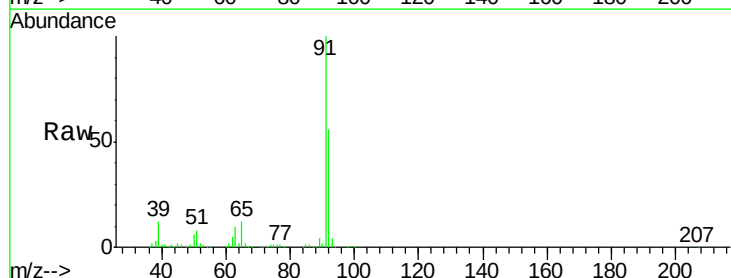
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

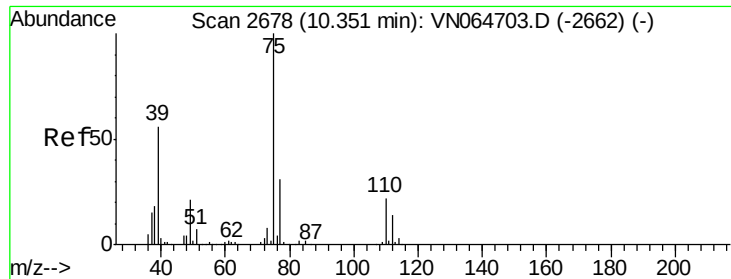
Tot Ion: 43 Resp: 1254640
 Ion Ratio Lower Upper
 43 100
 58 36.0 28.5 42.7



#52
 Toluene
 Concen: 55.103 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Tgt Ion: 92 Resp: 480545
 Ion Ratio Lower Upper
 92 100
 91 175.2 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 51.733 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

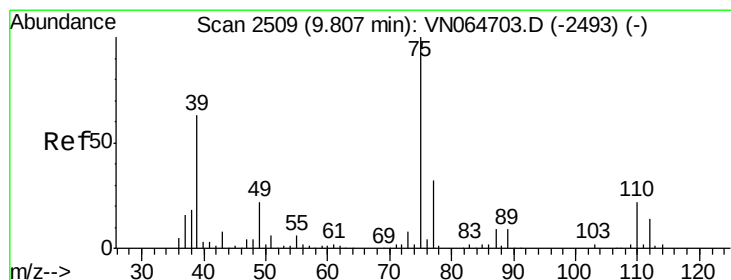
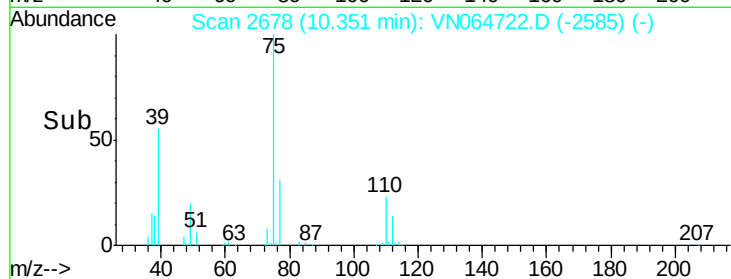
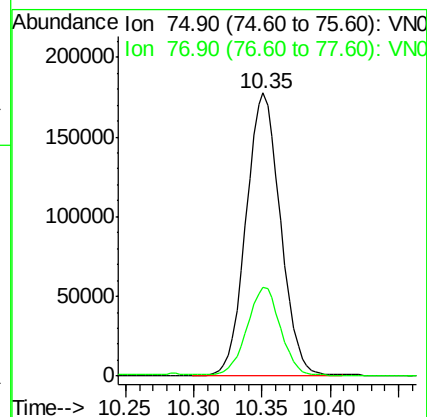
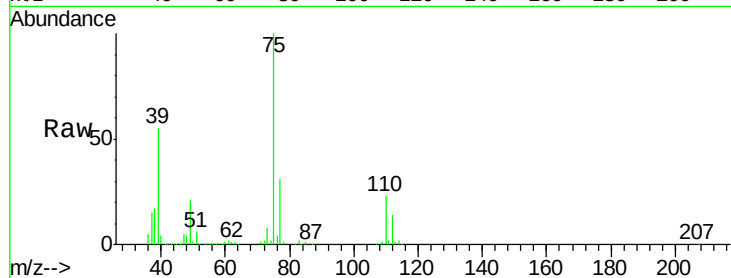
VSTDCCC050EC

Tot Ion: 75 Resp: 311404

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 51.882 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

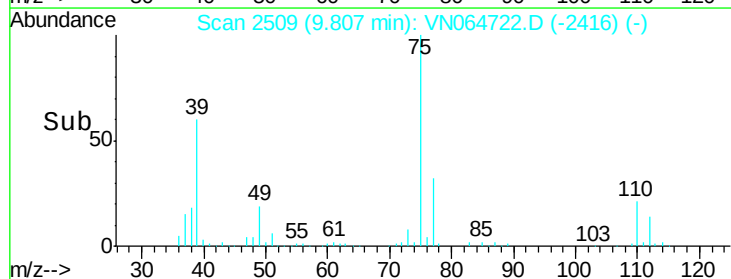
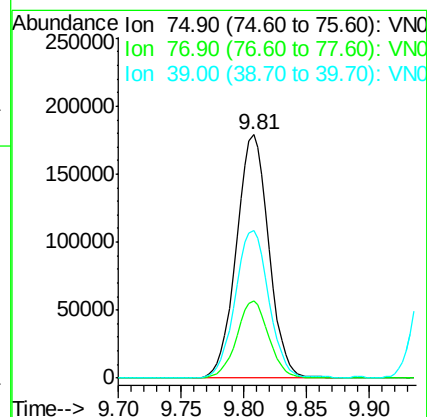
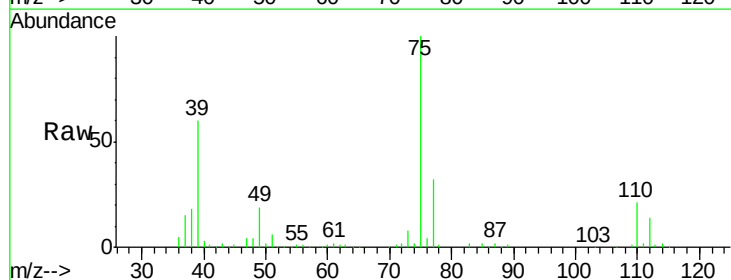
Tgt Ion: 75 Resp: 321570

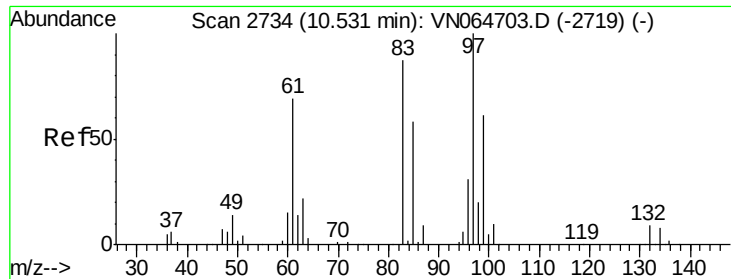
Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.8

39 60.2 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 52.610 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 184020

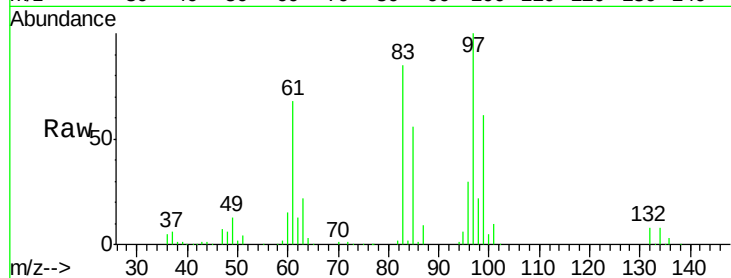
Ion Ratio Lower Upper

97 100

83 85.2 69.6 104.4

85 56.5 46.6 70.0

99 60.9 48.9 73.3

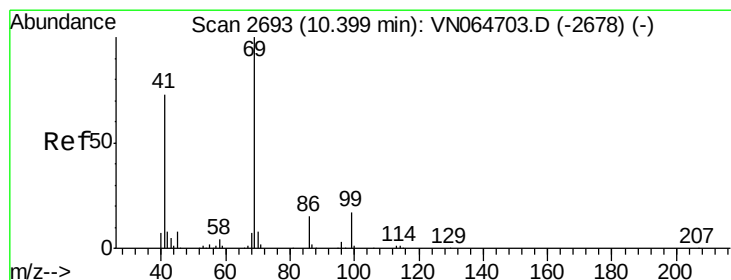
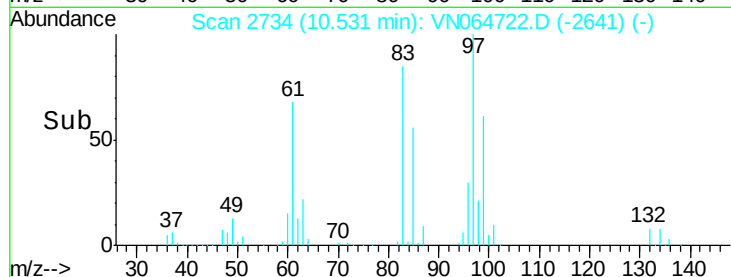
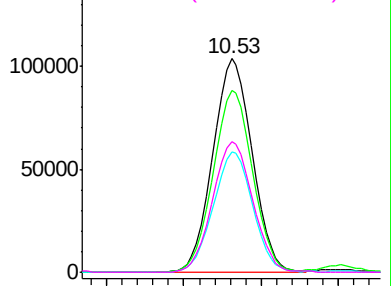


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 47.669 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

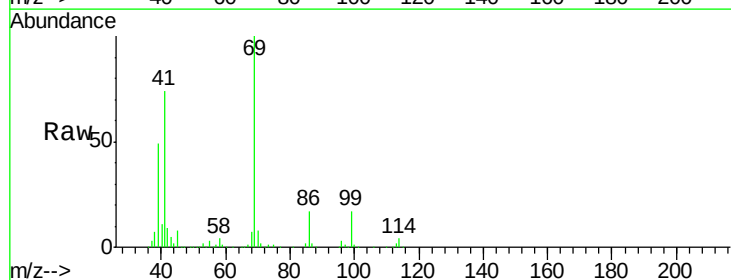
Tgt Ion: 69 Resp: 272941

Ion Ratio Lower Upper

69 100

41 73.6 59.0 88.4

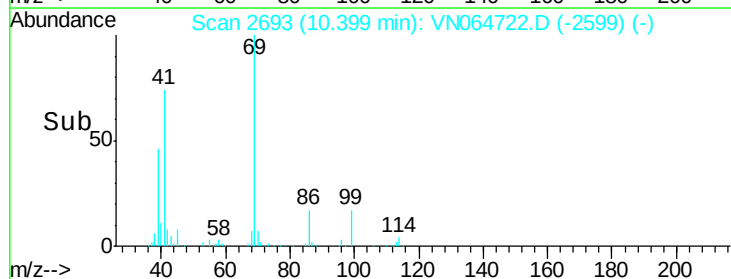
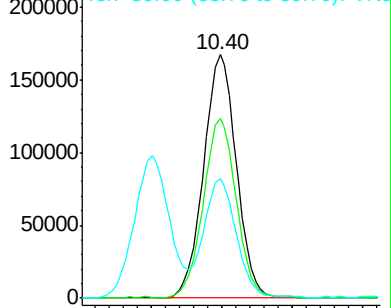
39 47.9 38.4 57.6

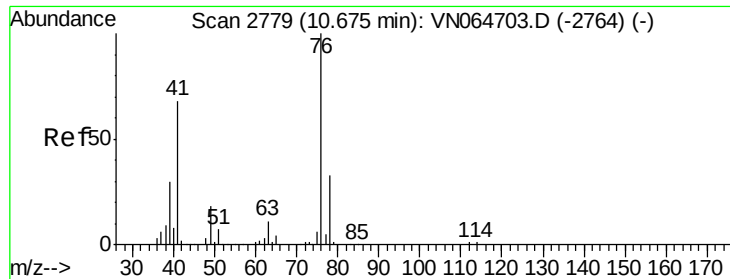


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 52.161 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

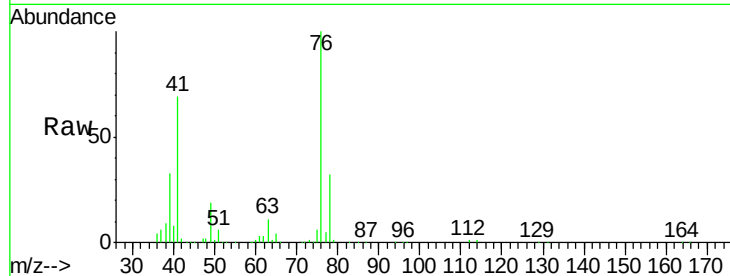
VSTDCCC050EC

Tot Ion: 76 Resp: 316048

Ion Ratio Lower Upper

76 100

78 32.7 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VN064722.D (-2686) (-)

Ion 77.90 (77.60 to 78.60): VN064722.D (-2686) (-)

10.68

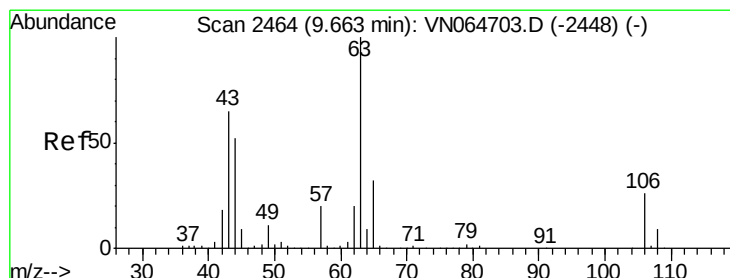
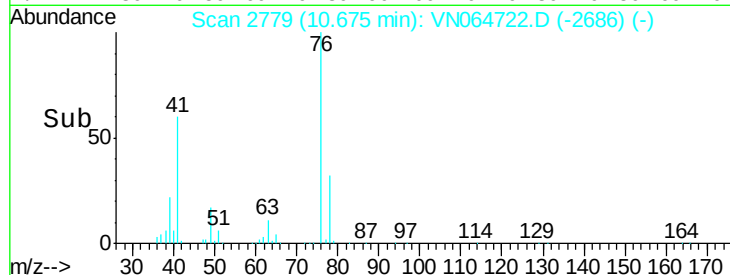
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 235.459 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064722.D

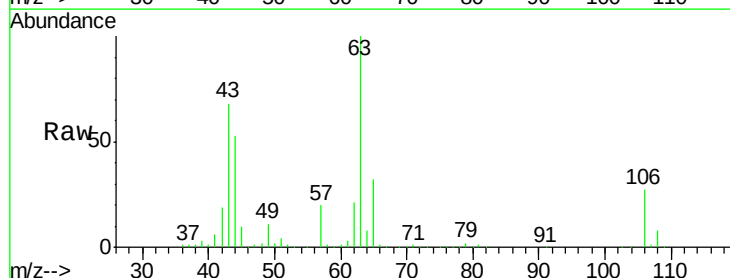
Acq: 18 Nov 2020 21:24

Tgt Ion: 63 Resp: 736650

Ion Ratio Lower Upper

63 100

106 26.5 20.9 31.3



Abundance Ion 62.90 (62.60 to 63.60): VN064722.D (-2371) (-)

Ion 105.90 (105.60 to 106.60): VN064722.D (-2371) (-)

9.66

400000

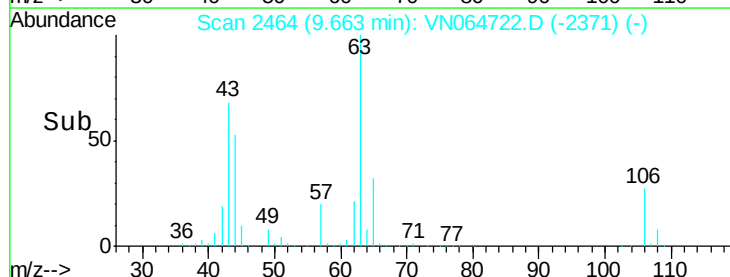
300000

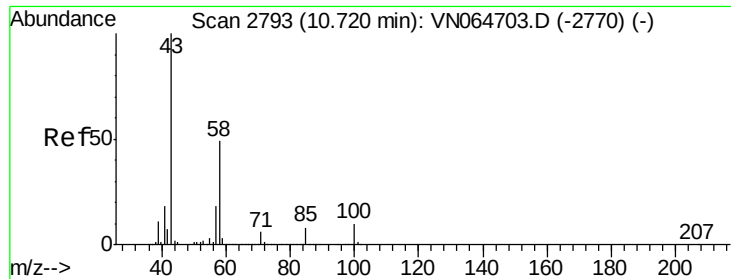
200000

100000

0

Time-->

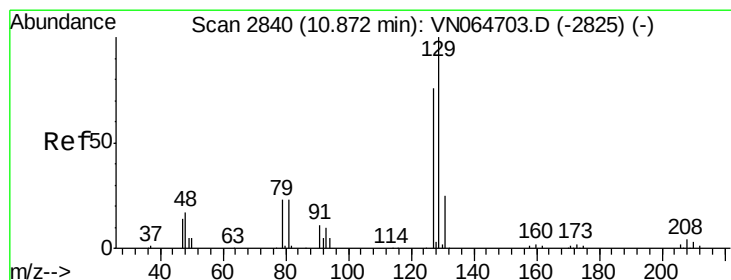
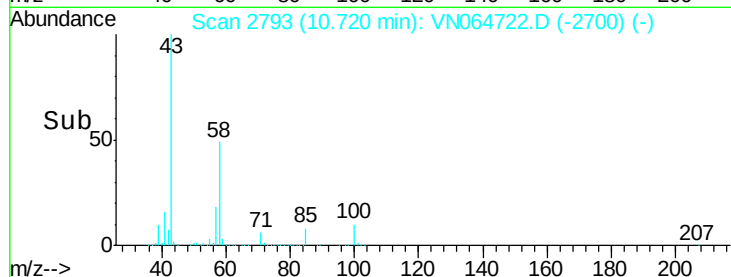
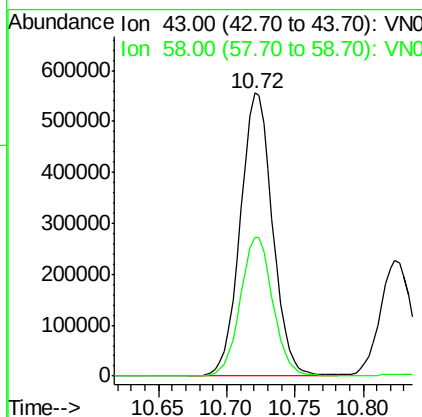
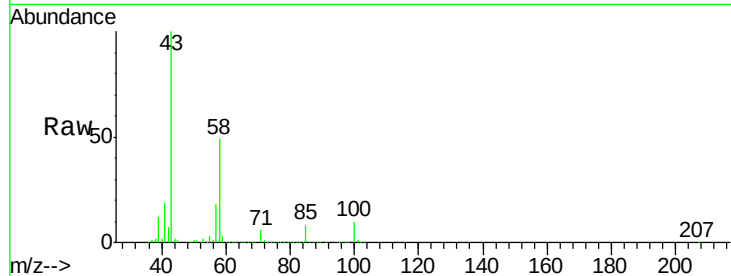




#59
2-Hexanone
Concen: 248.889 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

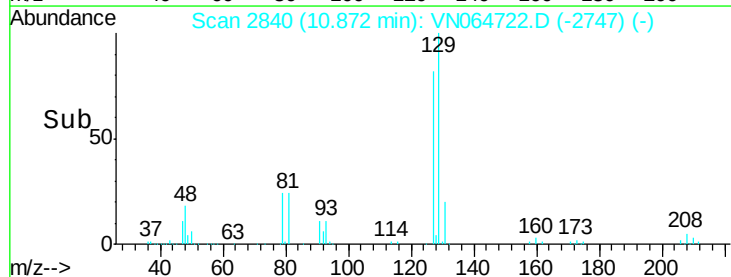
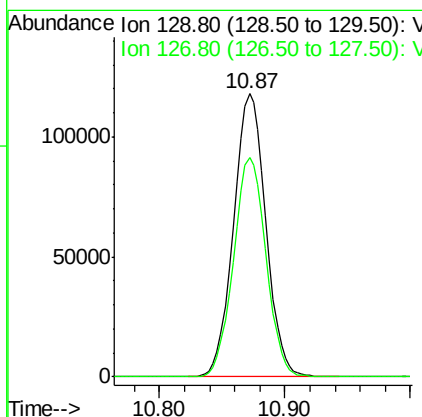
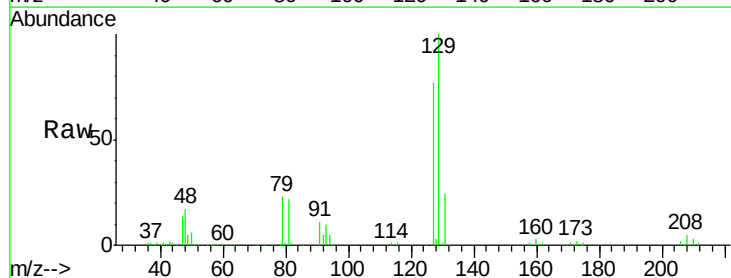
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

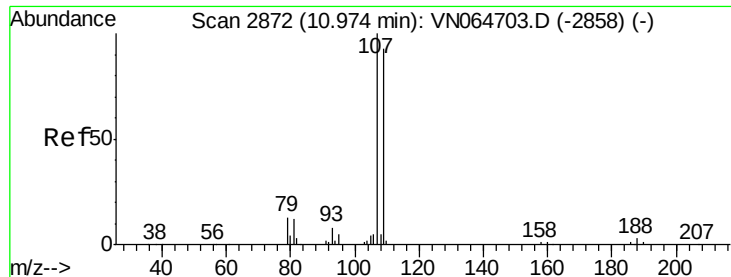
Tot Ion: 43 Resp: 910171
Ion Ratio Lower Upper
43 100
58 49.5 24.4 73.4



#60
Dibromochloromethane
Concen: 52.083 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 129 Resp: 210479
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4

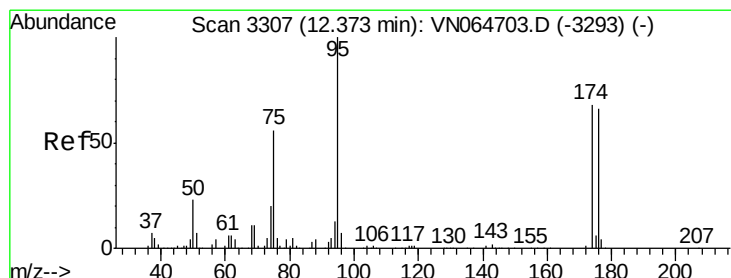
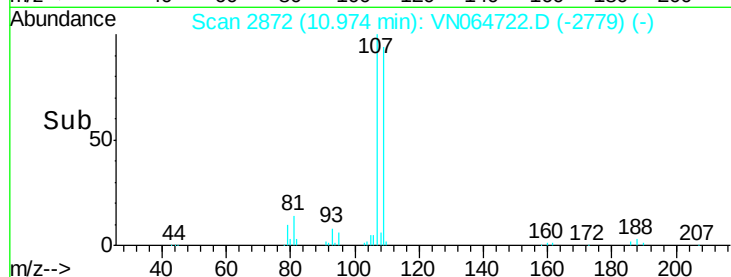
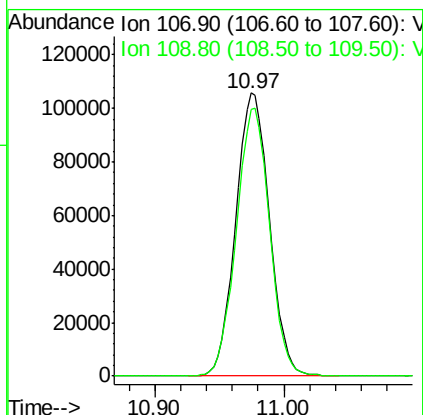
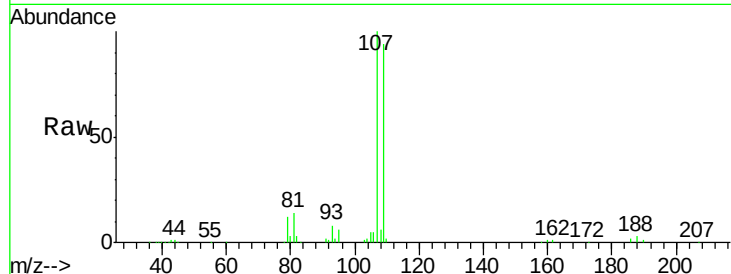




#61
 1,2-Dibromoethane
 Concen: 51.548 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

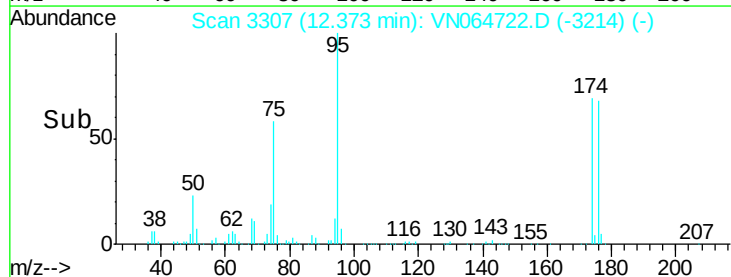
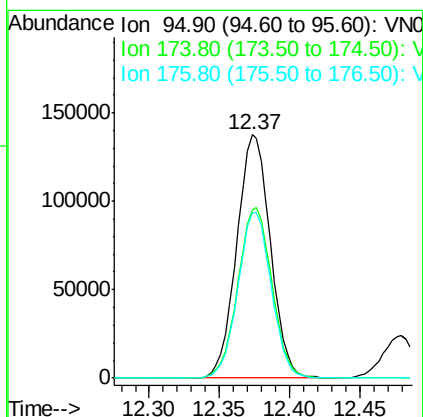
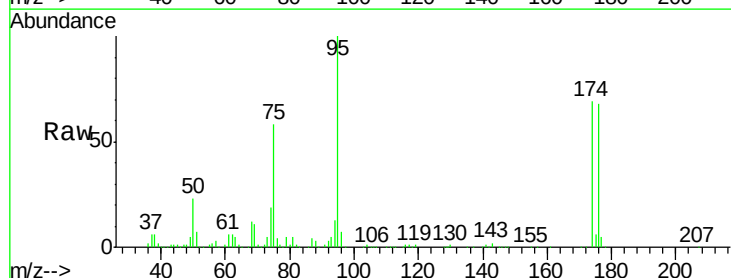
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

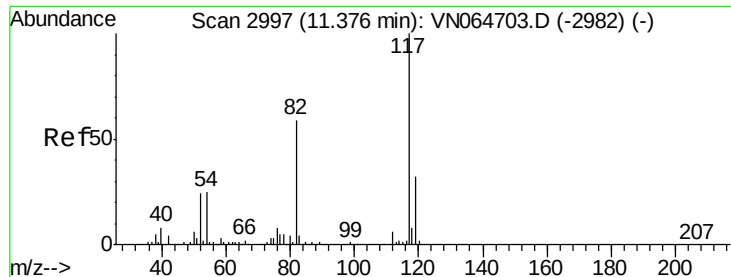
Tot Ion:107 Resp: 192315
 Ion Ratio Lower Upper
 107 100
 109 93.7 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 48.329 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Tgt Ion: 95 Resp: 230819
 Ion Ratio Lower Upper
 95 100
 174 70.7 0.0 136.8
 176 67.5 0.0 134.2

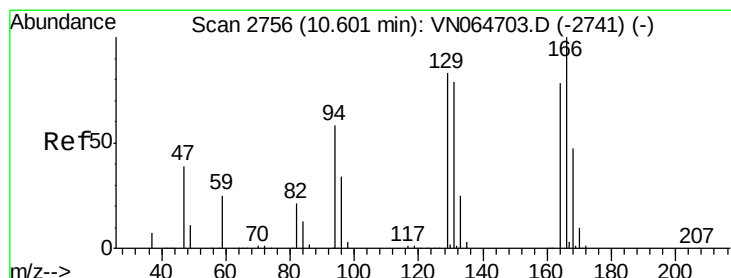
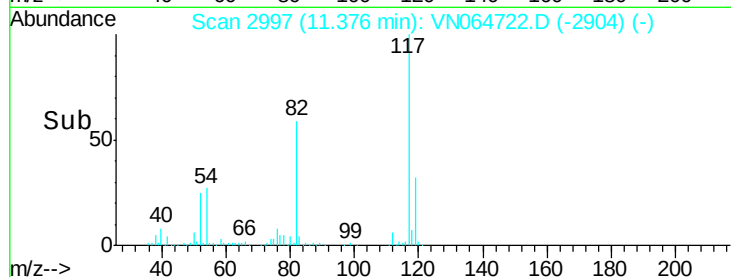
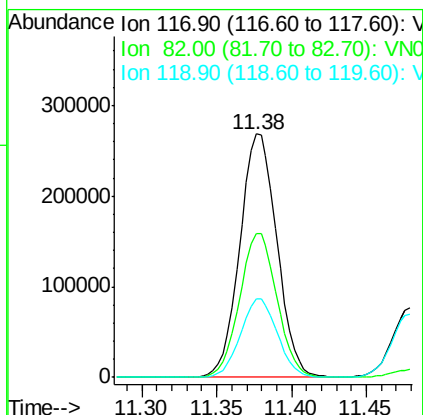
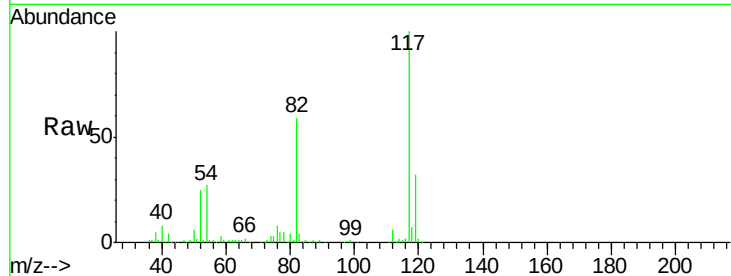




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

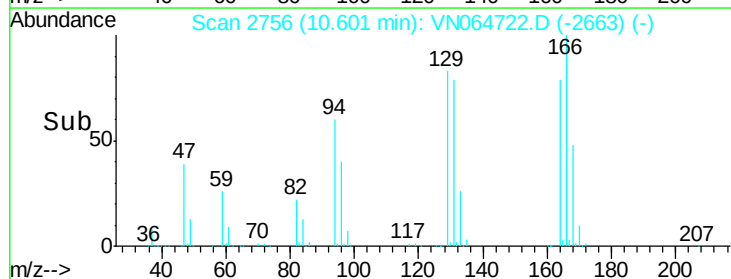
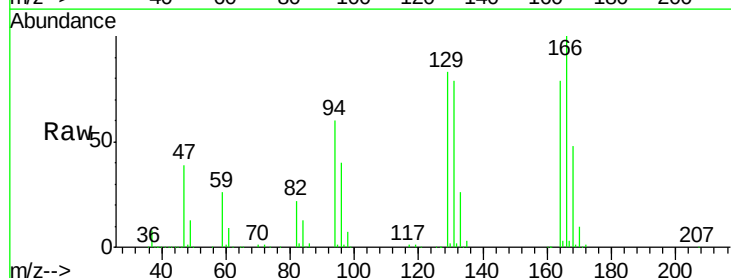
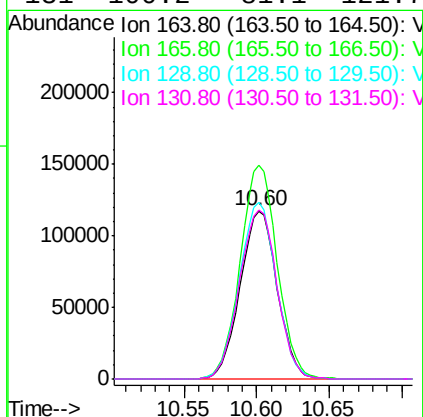
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

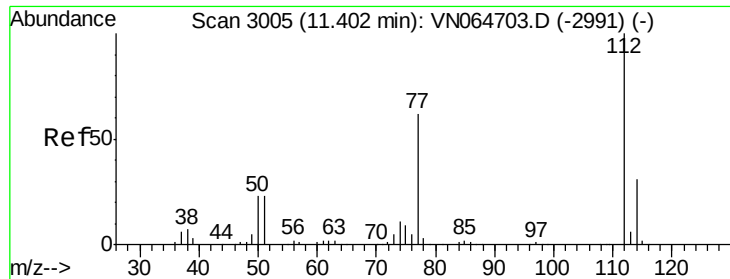
Tot Ion:117 Resp: 463861
Ion Ratio Lower Upper
117 100
82 59.0 47.0 70.6
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 50.633 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion:164 Resp: 208215
Ion Ratio Lower Upper
164 100
166 126.9 102.2 153.4
129 104.8 84.7 127.1
131 100.2 81.1 121.7

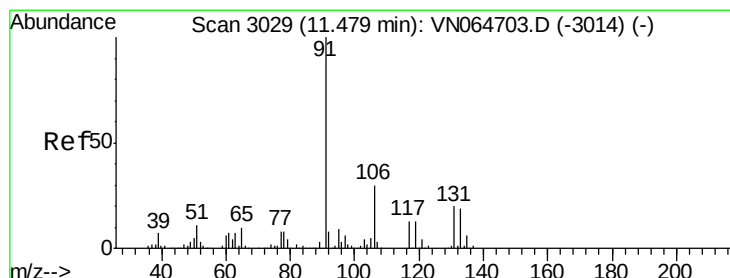
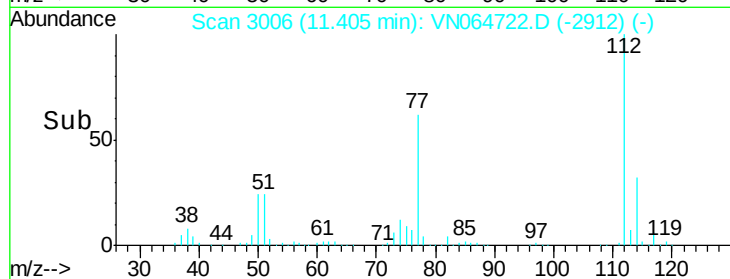
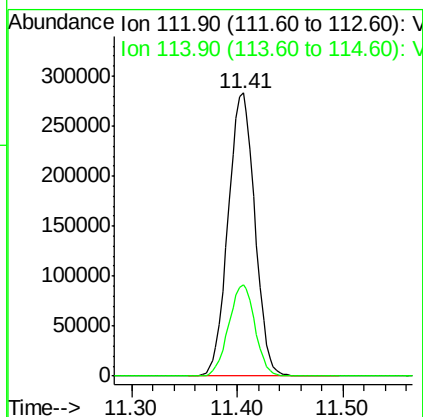
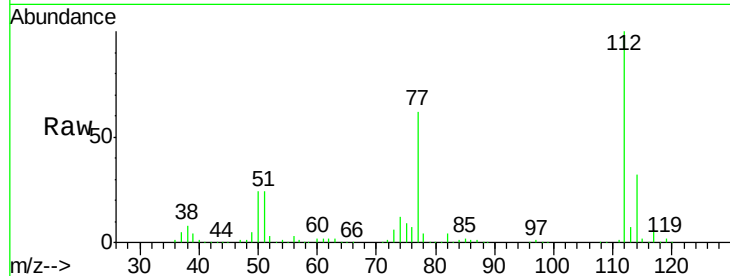




#65
Chlorobenzene
Concen: 50.257 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

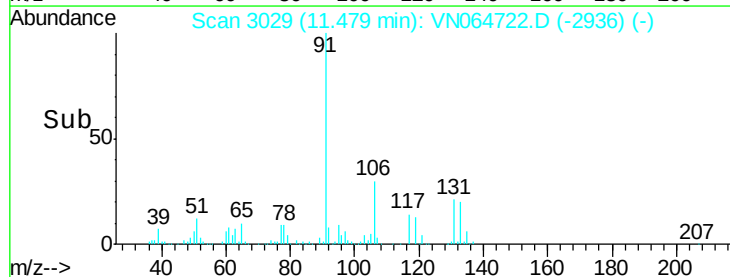
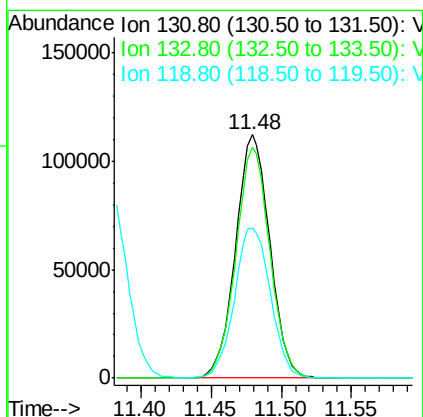
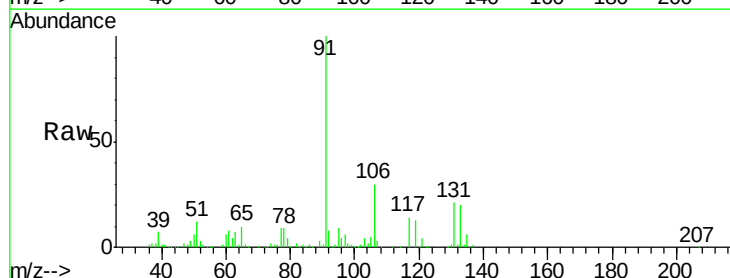
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

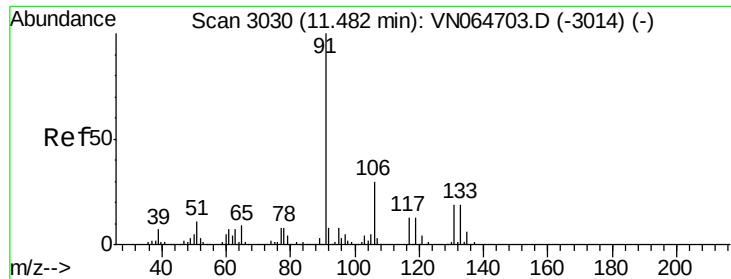
Tot Ion:112 Resp: 495893
Ion Ratio Lower Upper
112 100
114 32.4 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.806 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion:131 Resp: 191000
Ion Ratio Lower Upper
131 100
133 94.3 48.8 146.4
119 65.0 33.5 100.4

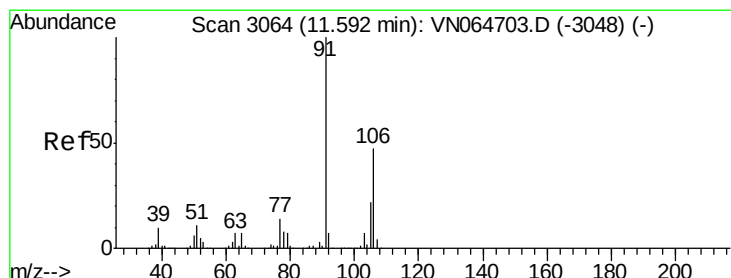
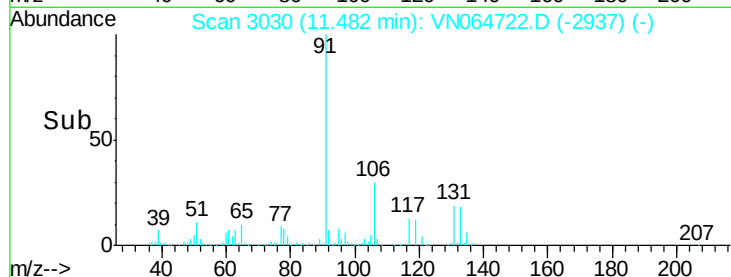
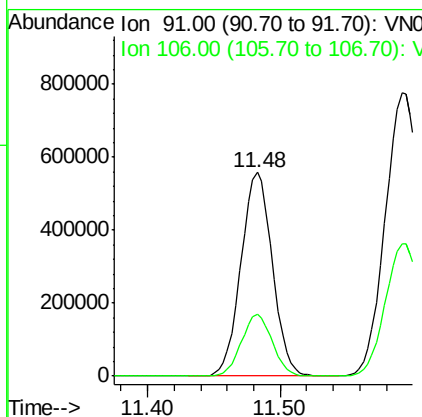
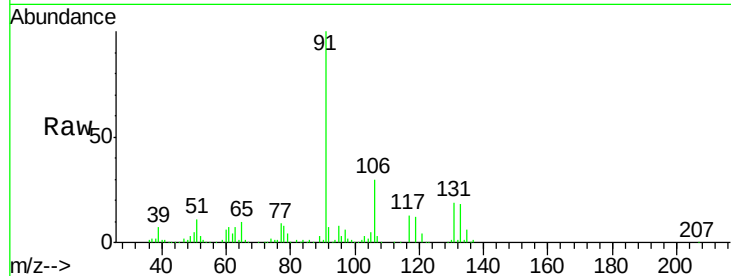




#67
Ethyl Benzene
Concen: 52.873 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

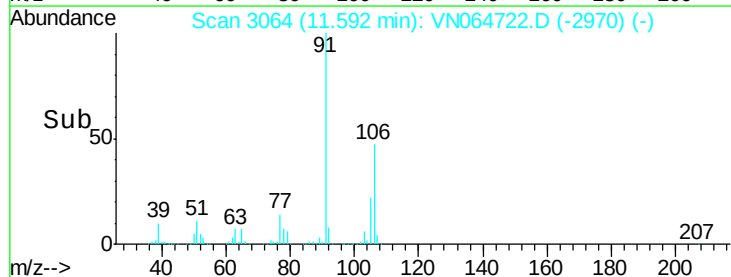
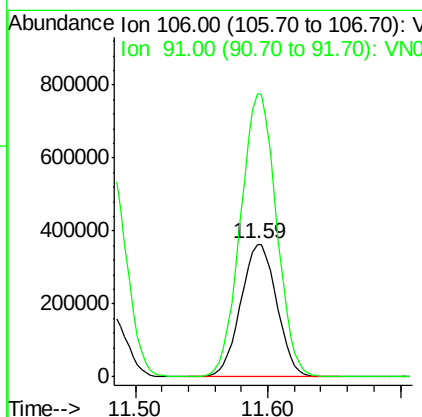
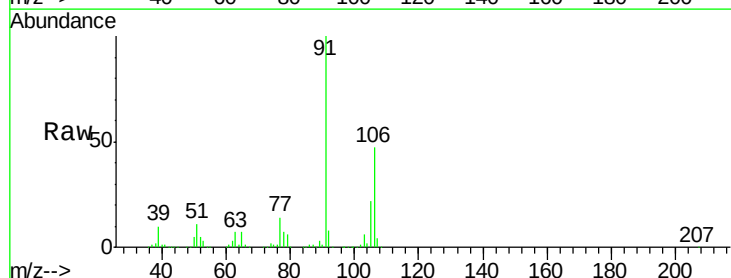
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

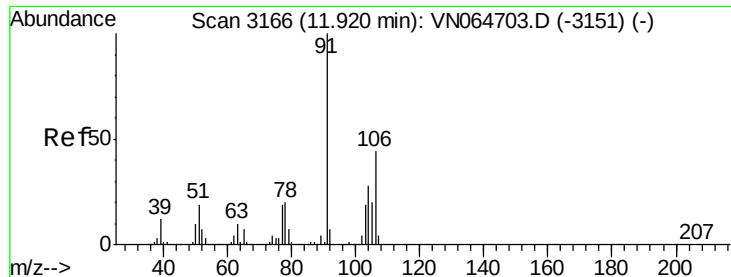
Tot Ion: 91 Resp: 919856
Ion Ratio Lower Upper
91 100
106 30.1 23.9 35.9



#68
m/p-Xylenes
Concen: 97.094 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 106 Resp: 685052
Ion Ratio Lower Upper
106 100
91 213.7 171.9 257.9

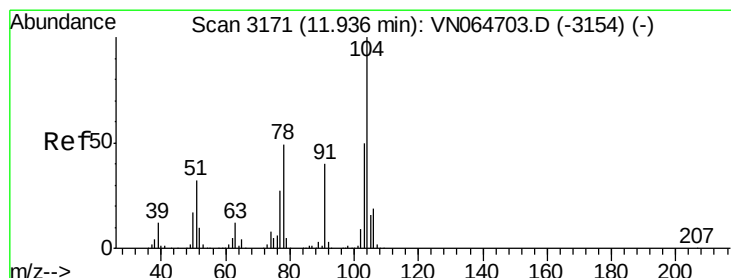
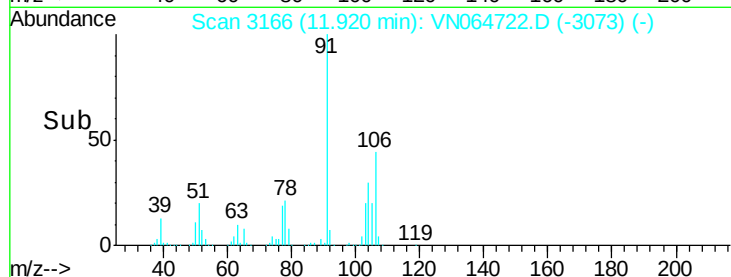
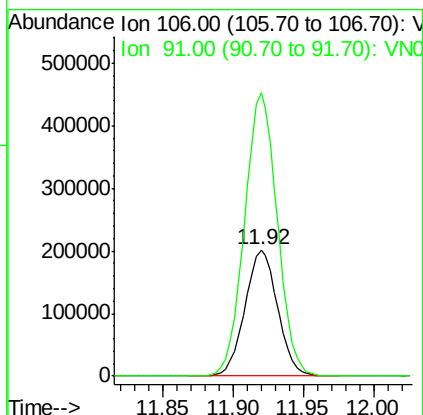
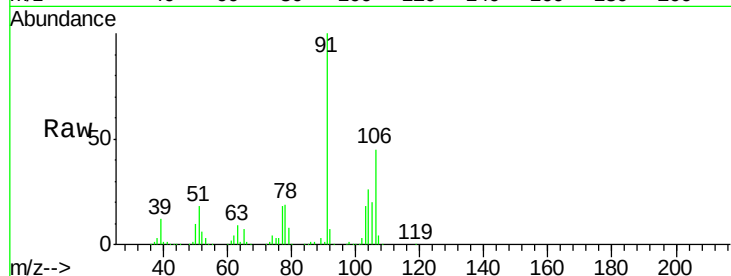




#69
o-Xylene
Concen: 53.902 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

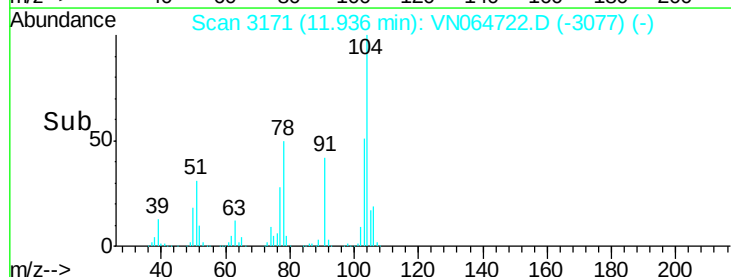
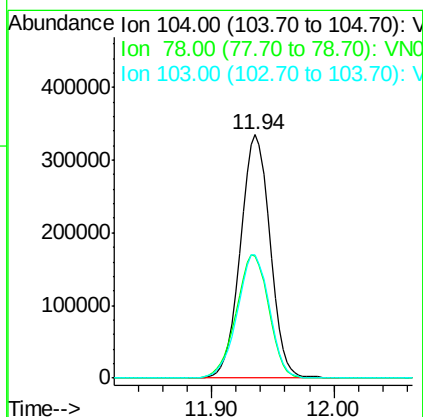
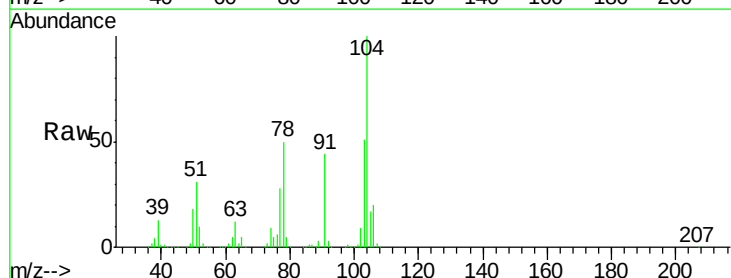
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

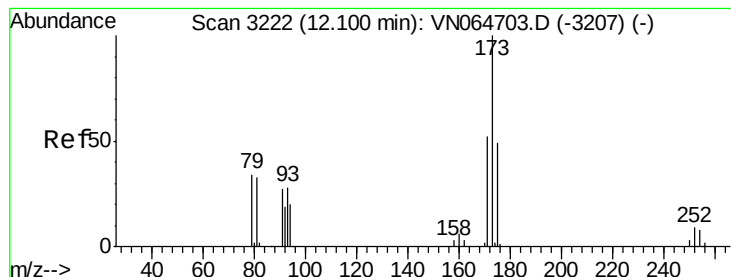
Tot Ion:106 Resp: 327163
Ion Ratio Lower Upper
106 100
91 225.5 112.1 336.3



#70
Styrene
Concen: 47.487 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion:104 Resp: 560544
Ion Ratio Lower Upper
104 100
78 56.0 44.1 66.1
103 55.4 43.7 65.5





#71

Bromoform

Concen: 47.477 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

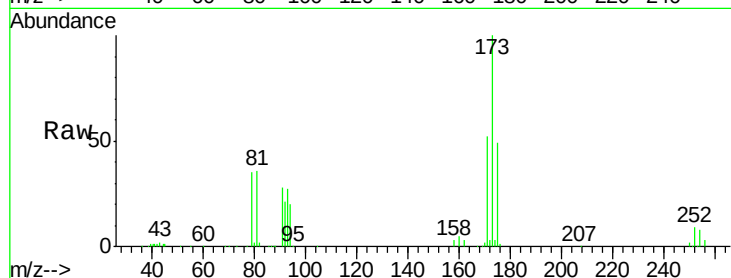
Tot Ion:173 Resp: 135697

Ion Ratio Lower Upper

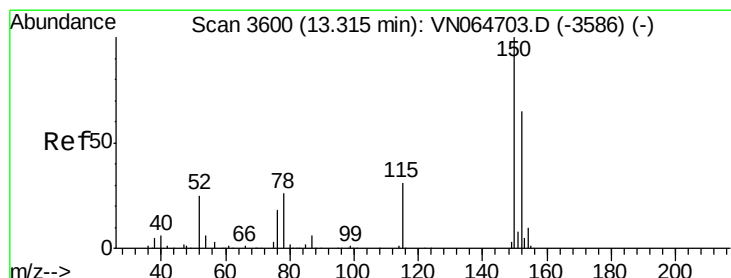
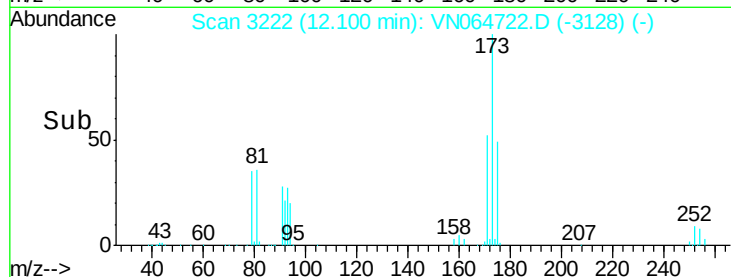
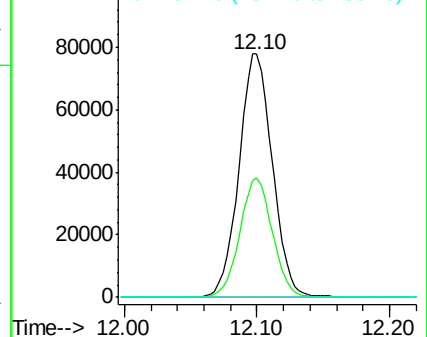
173 100

175 47.9 24.3 72.9

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

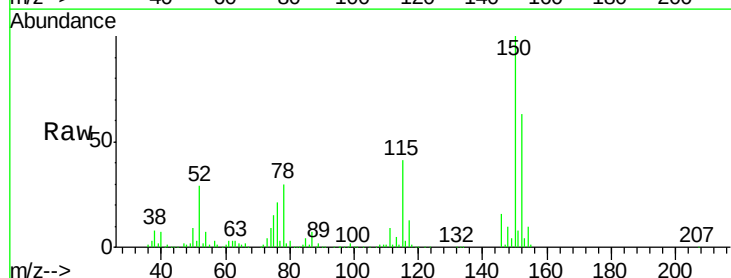
Tgt Ion:152 Resp: 230987

Ion Ratio Lower Upper

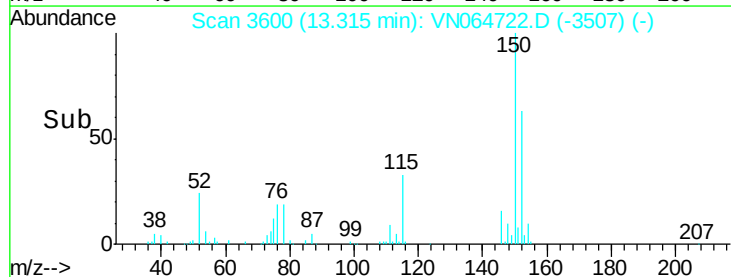
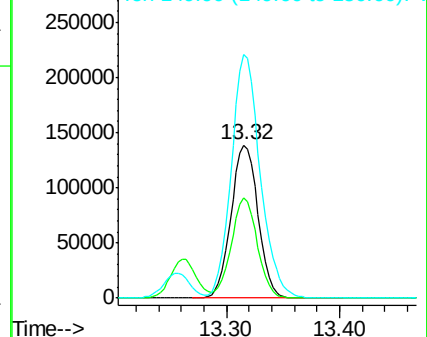
152 100

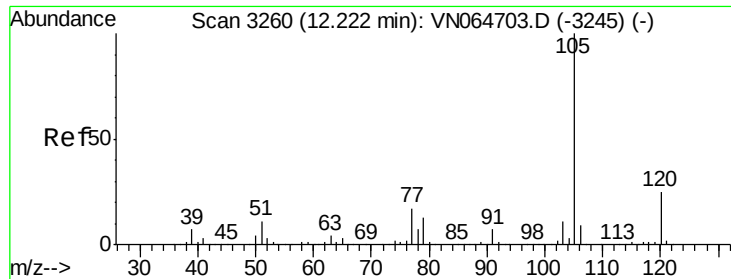
115 63.1 32.1 96.3

150 169.1 0.0 344.8



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





#73

Isopropylbenzene

Concen: 51.628 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

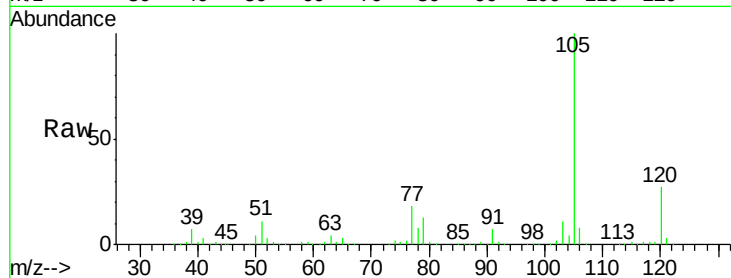
VSTDCCC050EC

Tot Ion:105 Resp: 846707

Ion Ratio Lower Upper

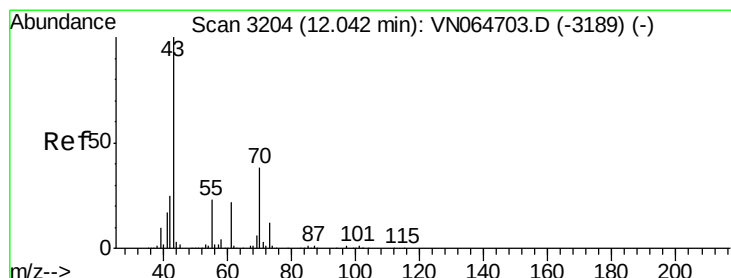
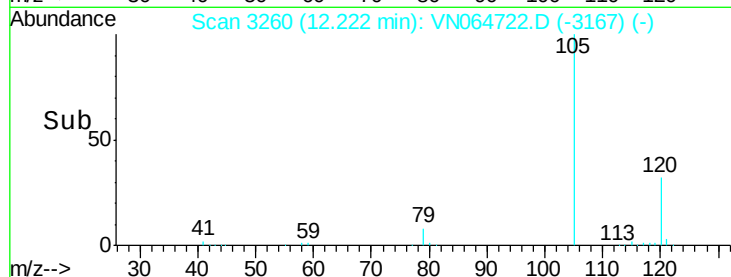
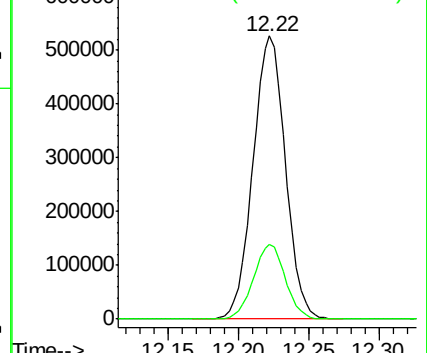
105 100

120 26.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.807 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Tgt Ion: 43 Resp: 389129

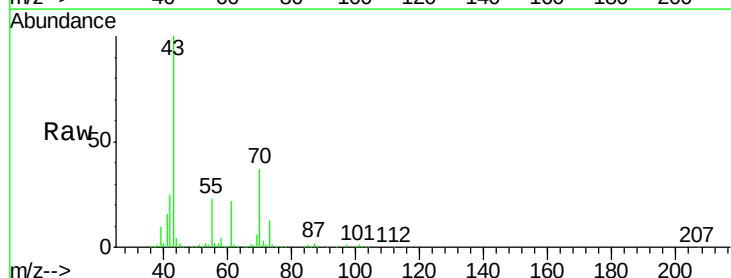
Ion Ratio Lower Upper

43 100

70 37.2 30.3 45.5

55 23.7 18.9 28.3

61 22.1 17.7 26.5

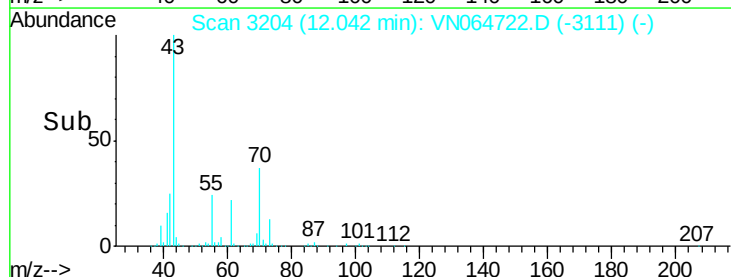
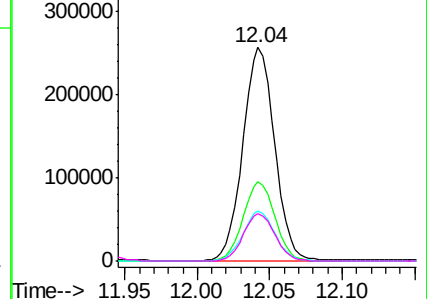


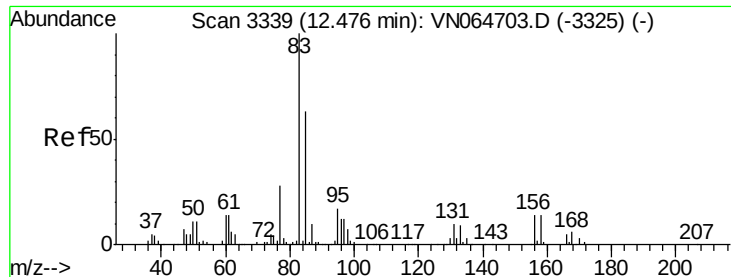
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.411 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

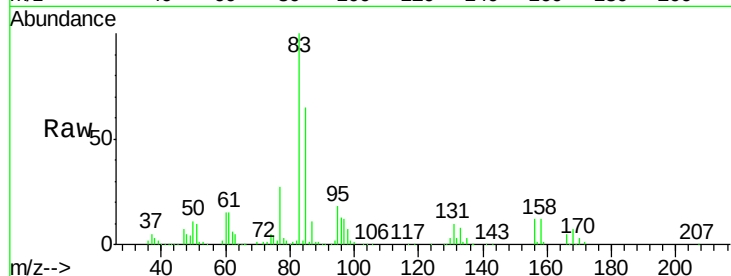
Tot Ion: 83 Resp: 226560

Ion Ratio Lower Upper

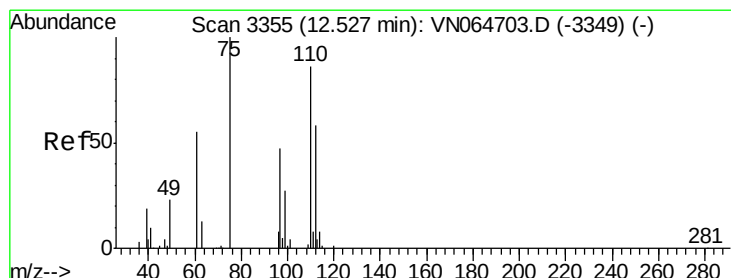
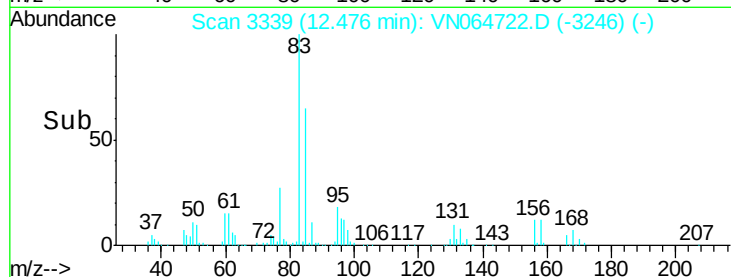
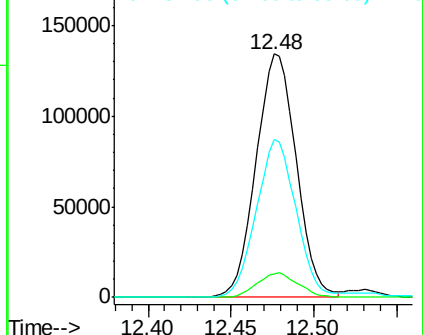
83 100

131 10.2 5.0 15.0

85 64.2 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 73.654 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064722.D

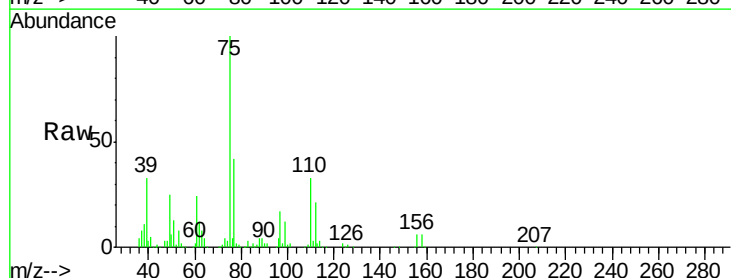
Acq: 18 Nov 2020 21:24

Tgt Ion: 75 Resp: 366574

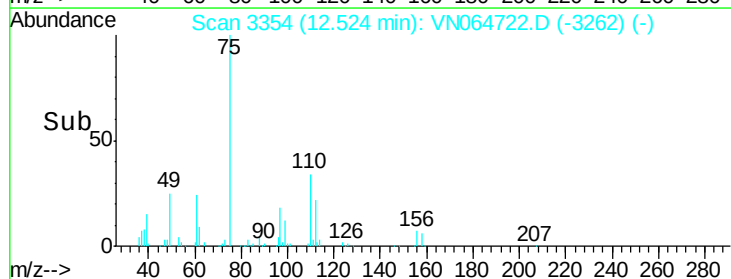
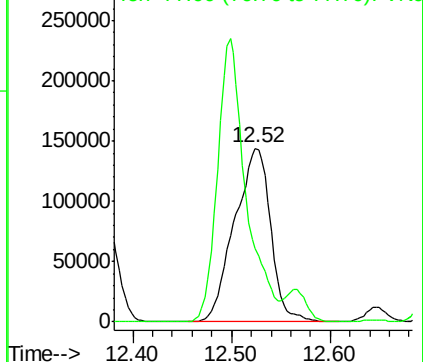
Ion Ratio Lower Upper

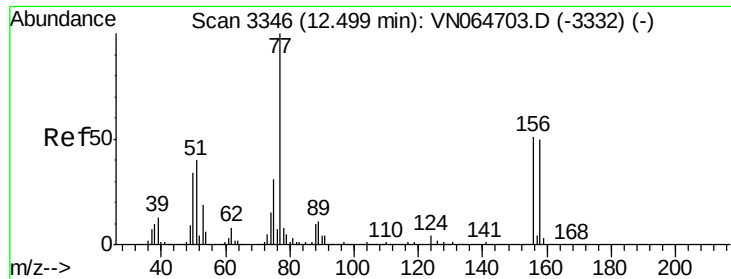
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 48.890 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

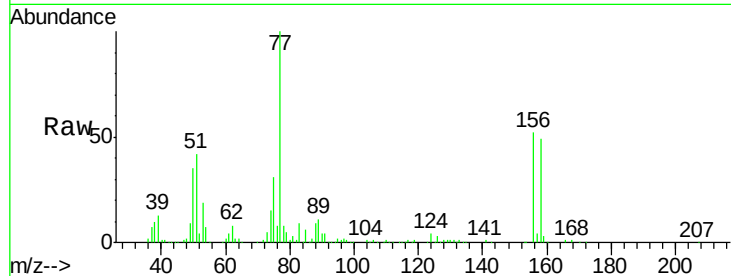
Tot Ion:156 Resp: 202225

Ion Ratio Lower Upper

156 100

77 234.6 117.3 351.9

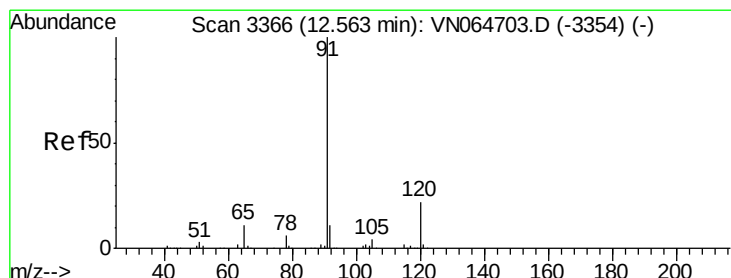
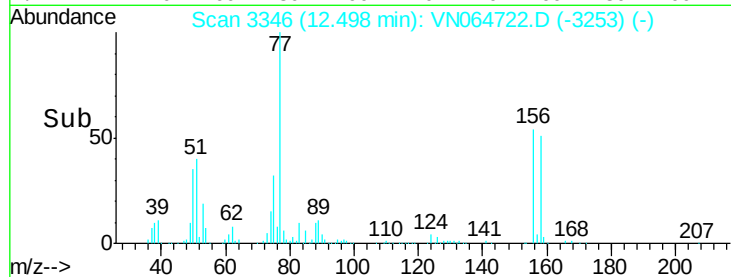
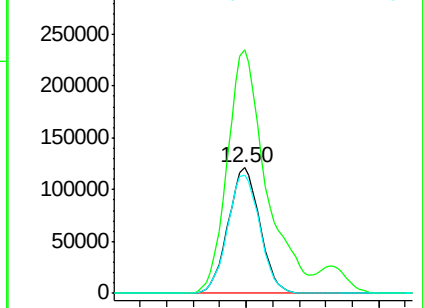
158 95.8 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.940 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064722.D

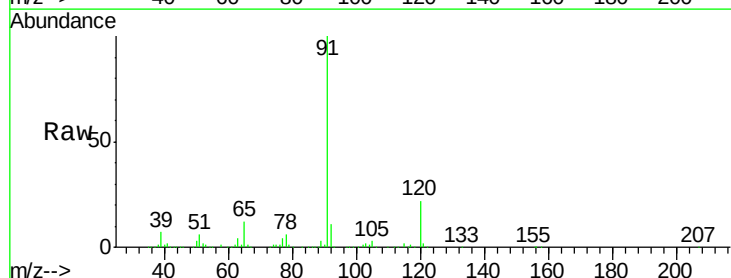
Acq: 18 Nov 2020 21:24

Tgt Ion: 91 Resp: 992016

Ion Ratio Lower Upper

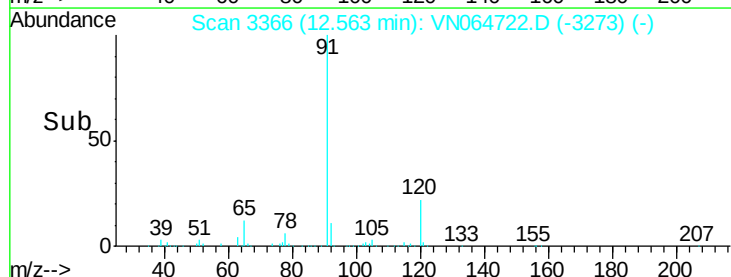
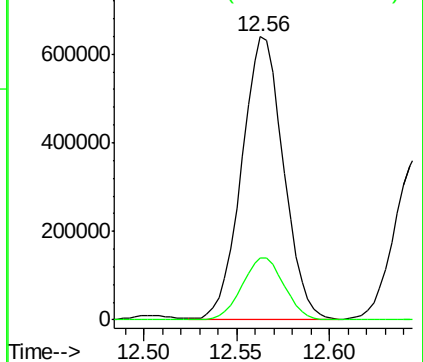
91 100

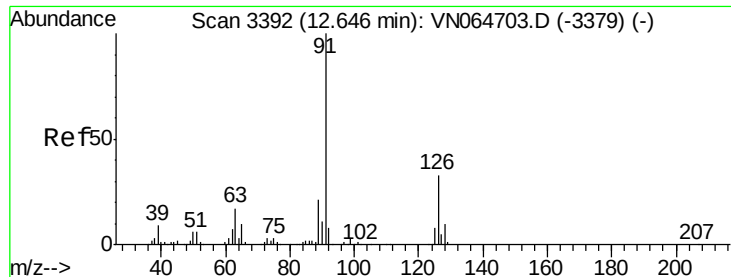
120 22.4 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.793 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

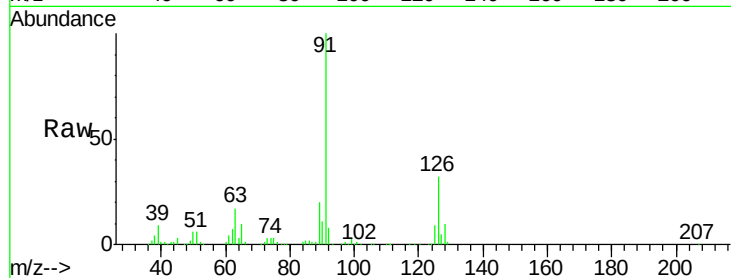
VSTDCCC050EC

Tot Ion: 91 Resp: 608663

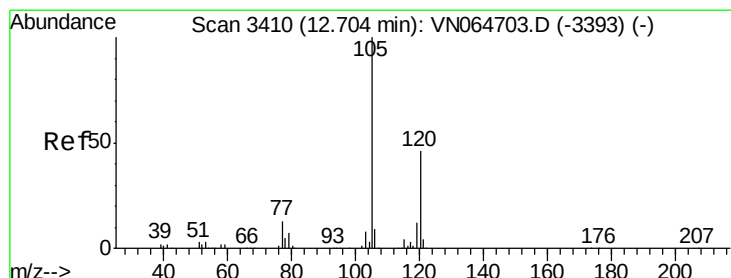
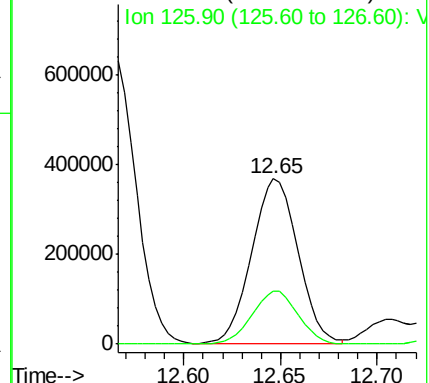
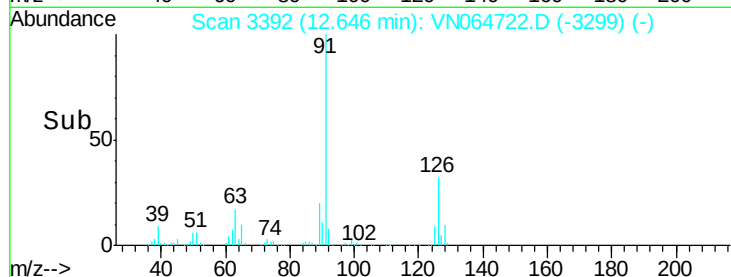
Ion Ratio Lower Upper

91 100

126 32.1 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN064722.D (-3299) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.192 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064722.D

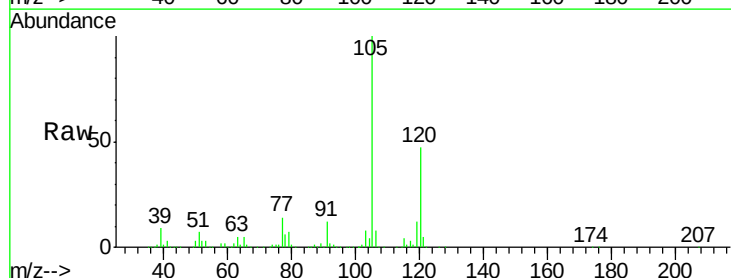
Acq: 18 Nov 2020 21:24

Tgt Ion: 105 Resp: 724658

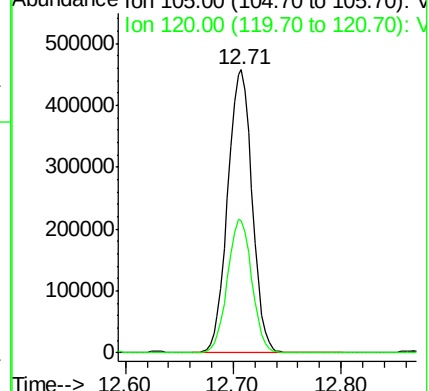
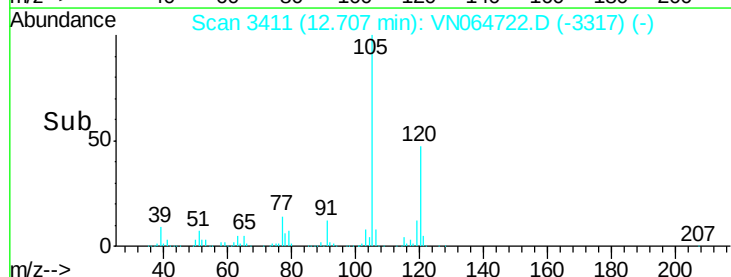
Ion Ratio Lower Upper

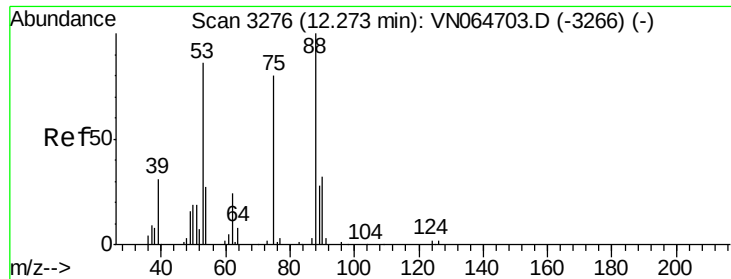
105 100

120 47.1 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN064722.D (-3317) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.024 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

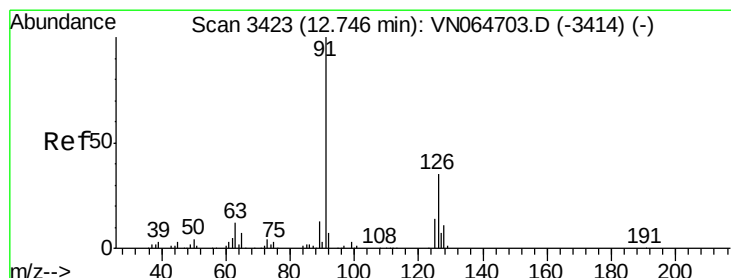
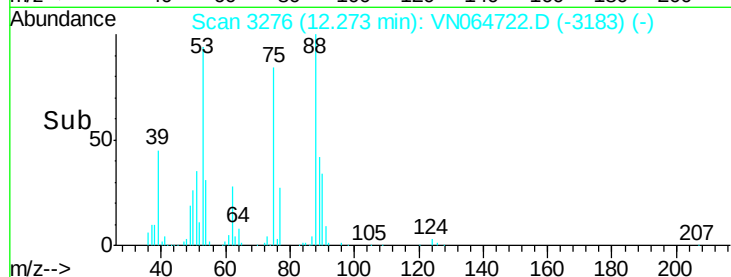
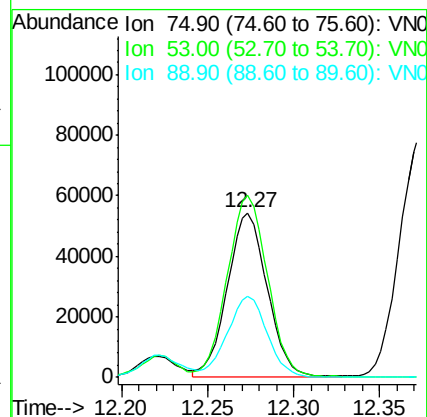
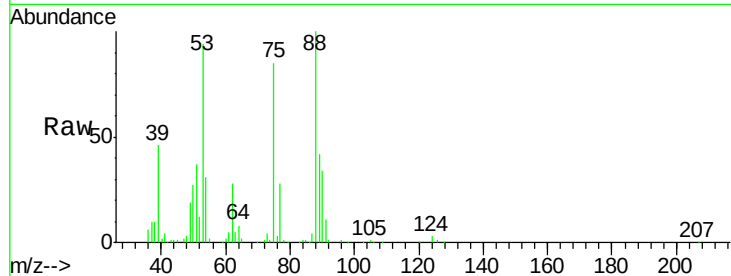
Tot Ion: 75 Resp: 88643

Ion Ratio Lower Upper

75 100

53 110.1 88.8 133.2

89 49.2 43.1 64.7



#82

4-Chlorotoluene

Concen: 50.328 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064722.D

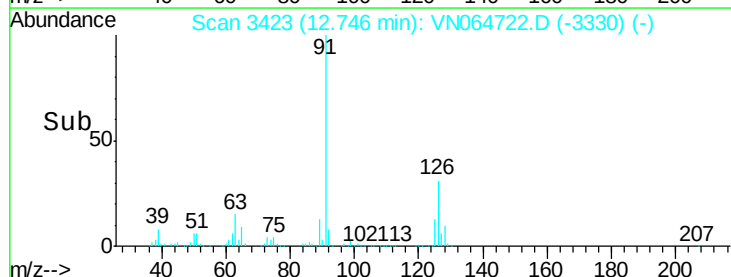
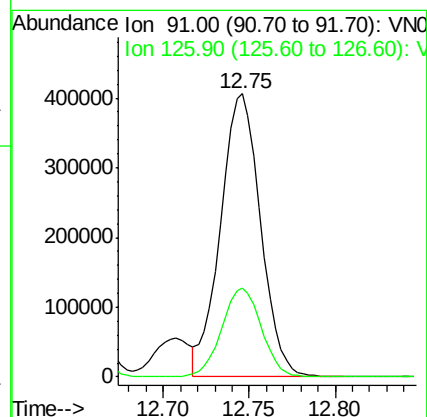
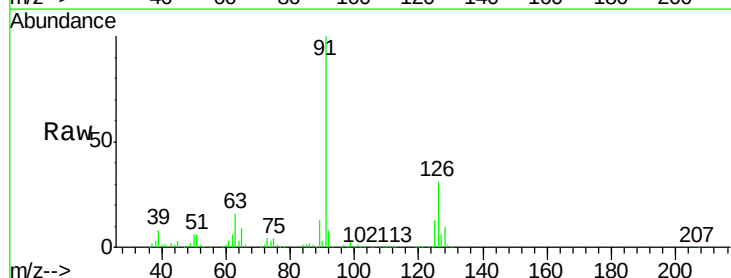
Acq: 18 Nov 2020 21:24

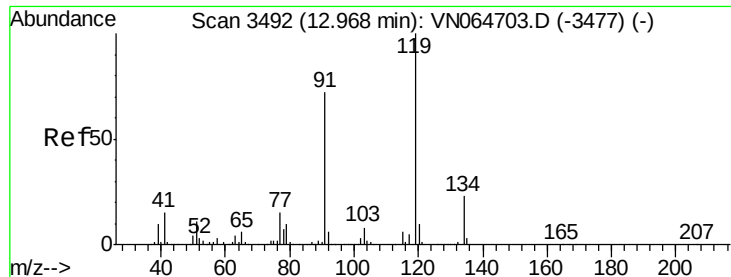
Tgt Ion: 91 Resp: 655988

Ion Ratio Lower Upper

91 100

126 31.2 15.9 47.7

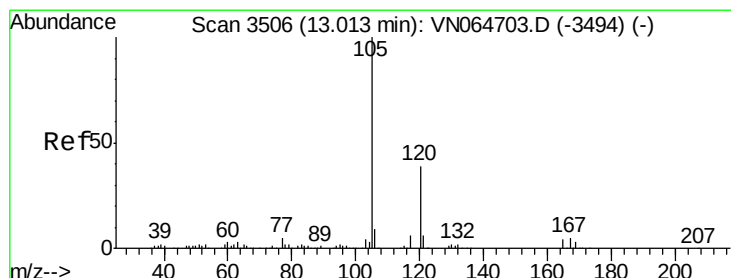
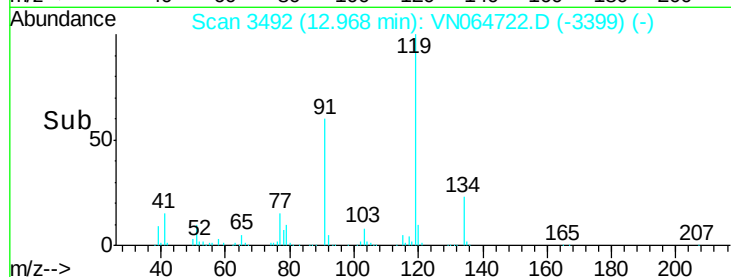
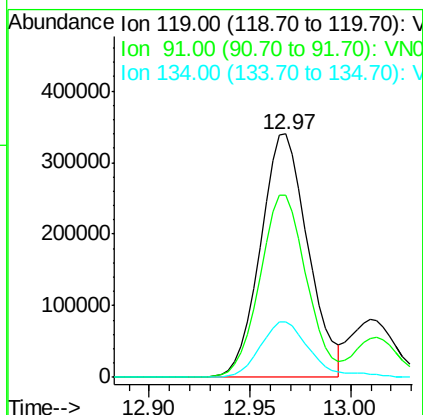
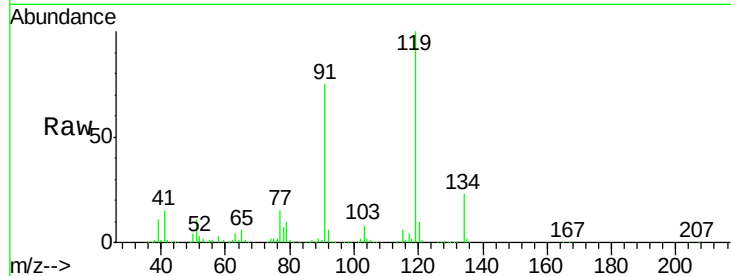




#83
 tert-Butylbenzene
 Concen: 52.883 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

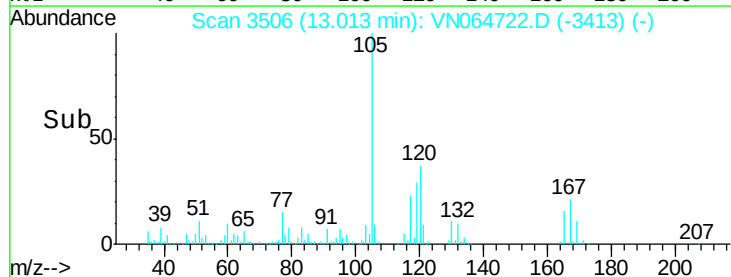
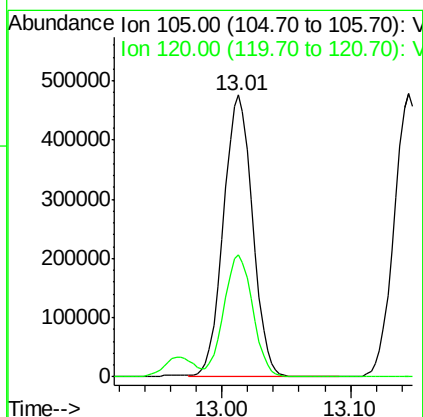
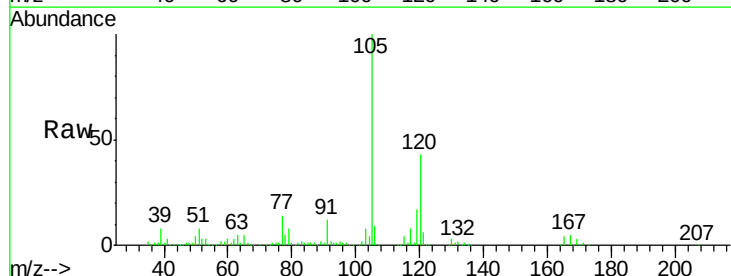
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

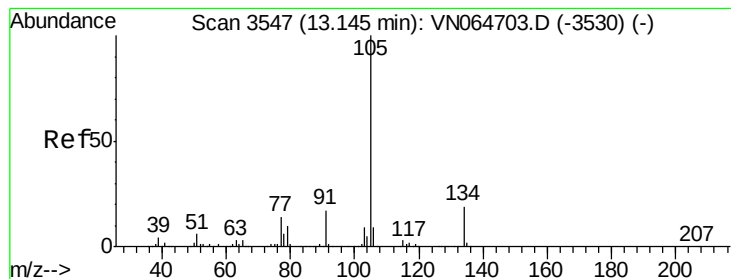
Tot Ion:119 Resp: 557344
 Ion Ratio Lower Upper
 119 100
 91 73.2 35.8 107.4
 134 24.1 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.412 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Tgt Ion:105 Resp: 742651
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 53.206 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

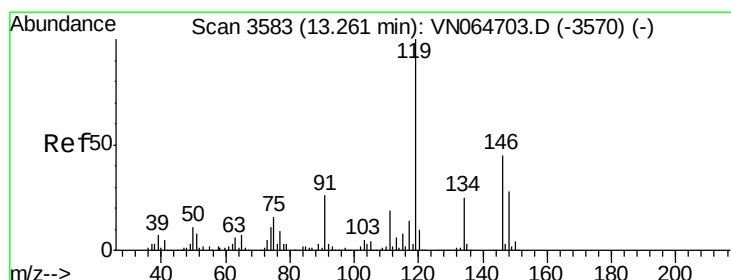
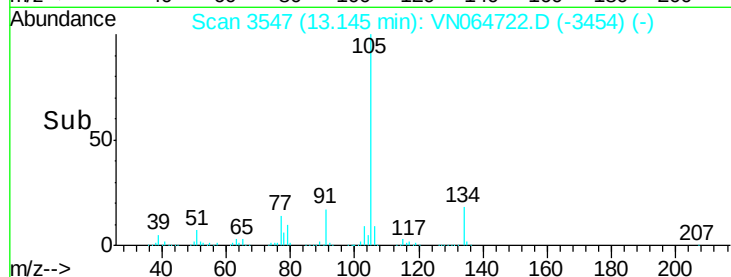
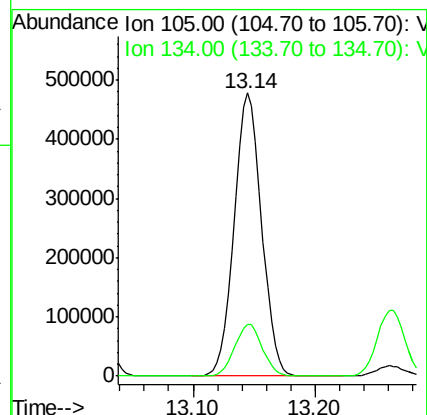
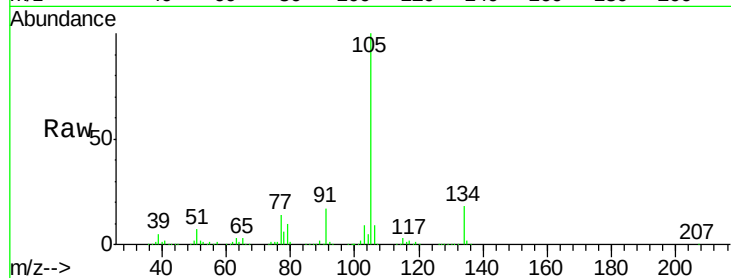
VSTDCCC050EC

Tot Ion:105 Resp: 747420

Ion Ratio Lower Upper

105 100

134 18.5 9.5 28.5



#86

p-Isopropyltoluene

Concen: 53.126 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

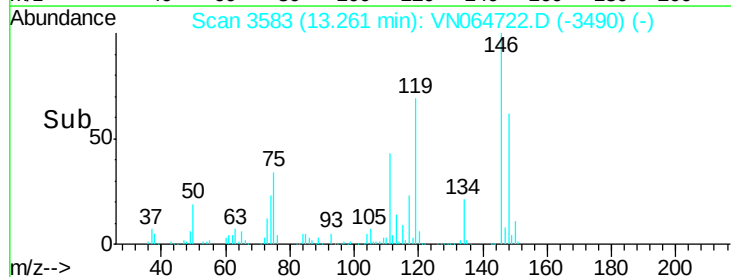
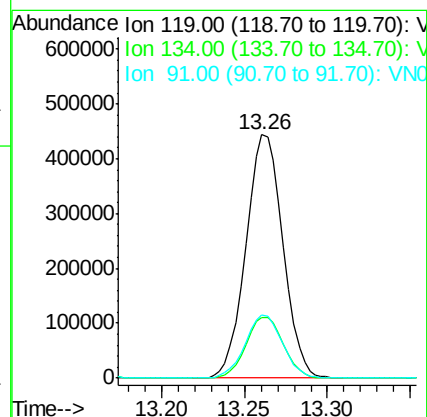
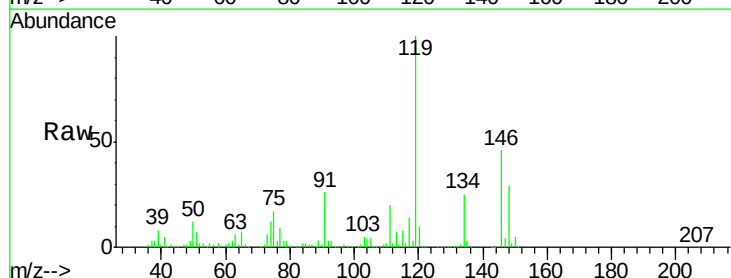
Tgt Ion:119 Resp: 686363

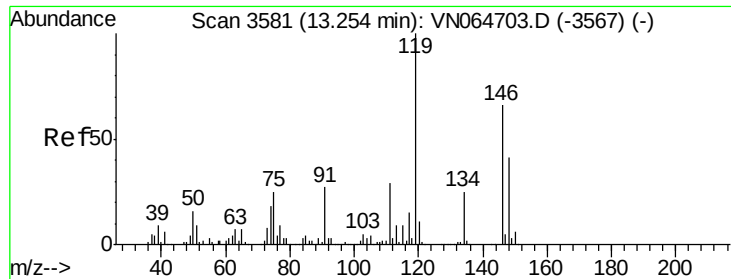
Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

91 26.1 13.3 39.8

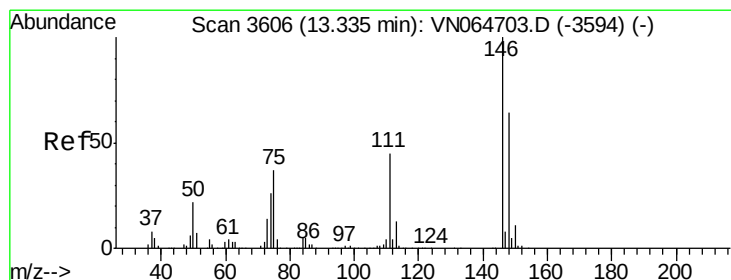
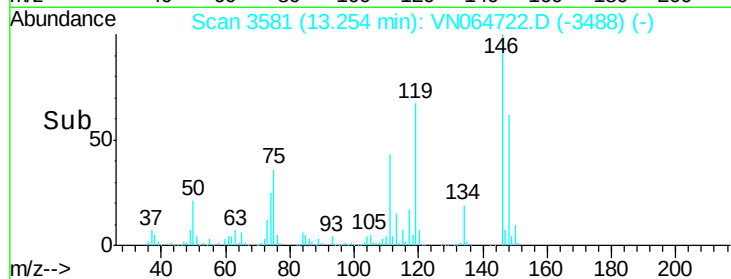
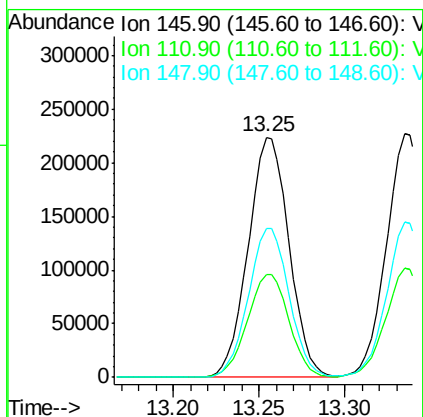
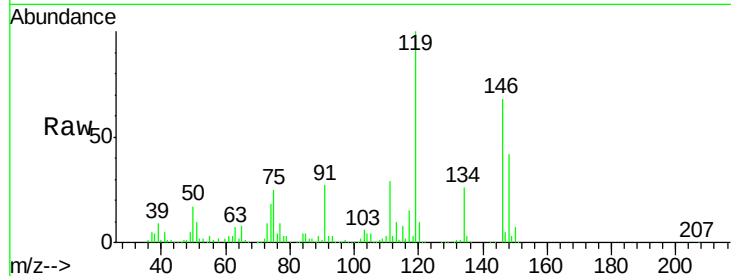




#87
 1,3-Dichlorobenzene
 Concen: 48.888 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

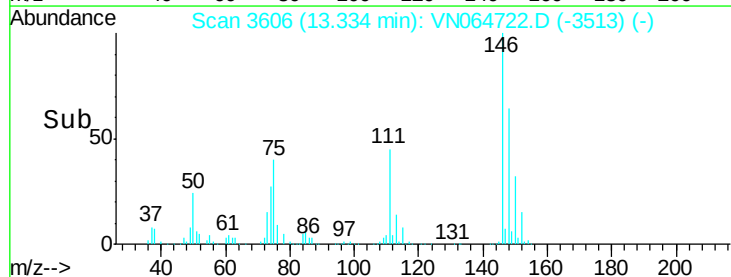
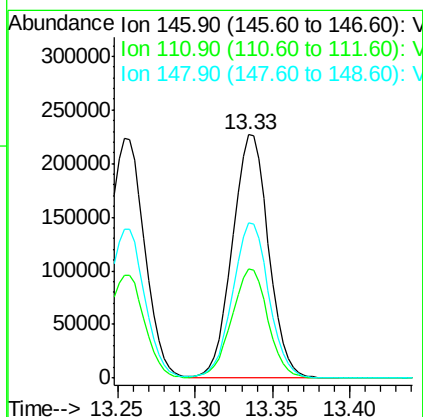
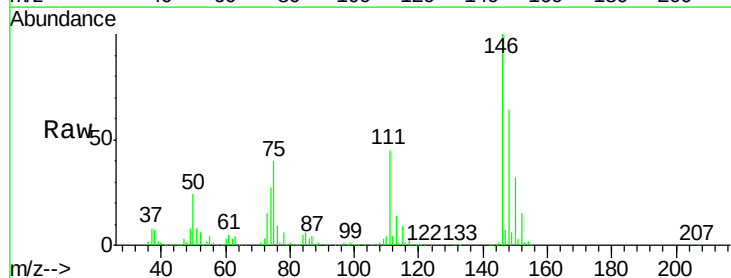
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

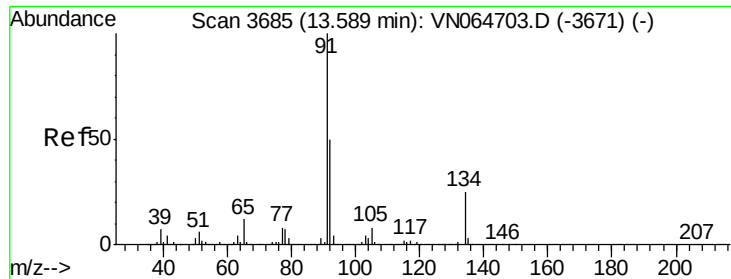
Tot Ion:146 Resp: 368450
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.8 65.4
 148 62.0 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 47.486 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Tgt Ion:146 Resp: 367415
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.3 66.8
 148 64.0 31.6 94.7

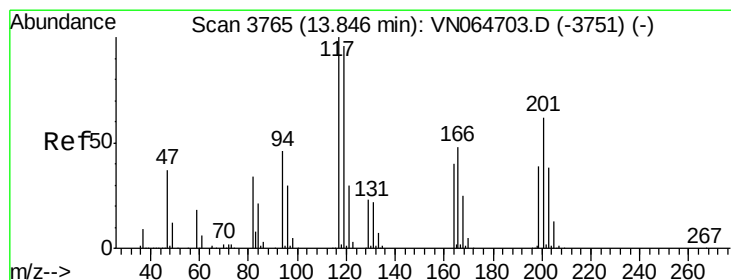
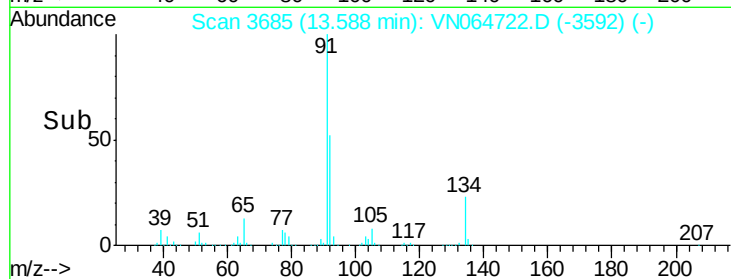
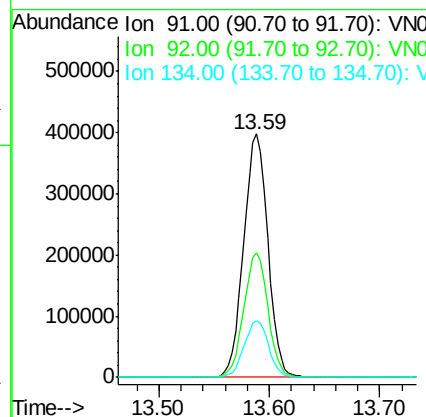
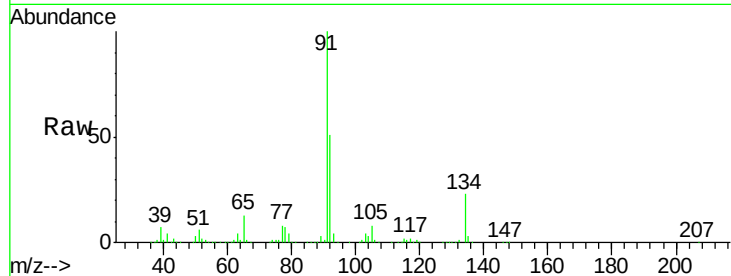




#89
n-Butylbenzene
Concen: 50.132 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

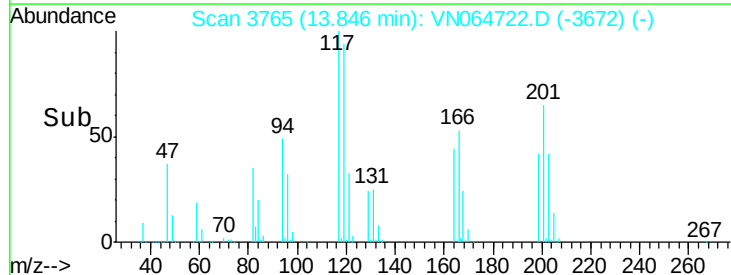
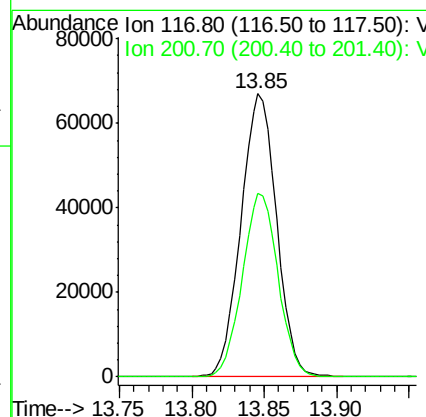
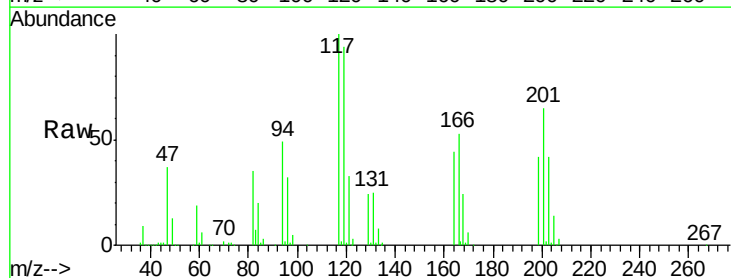
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

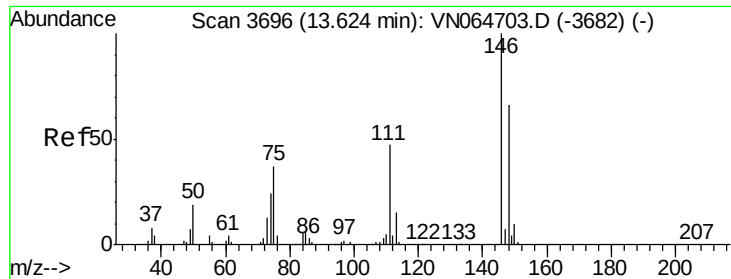
Tot Ion: 91 Resp: 604640
Ion Ratio Lower Upper
91 100
92 51.1 24.9 74.8
134 23.4 12.0 36.0



#90
Hexachloroethane
Concen: 53.484 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 117 Resp: 114231
Ion Ratio Lower Upper
117 100
201 64.9 31.9 95.5

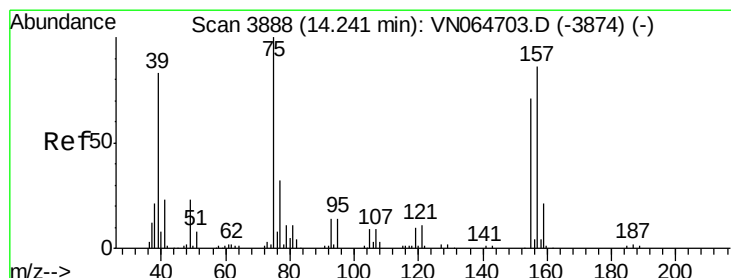
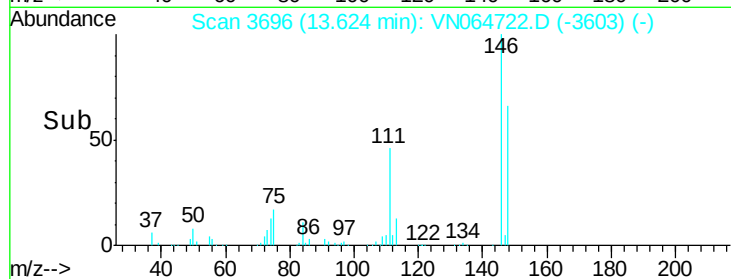
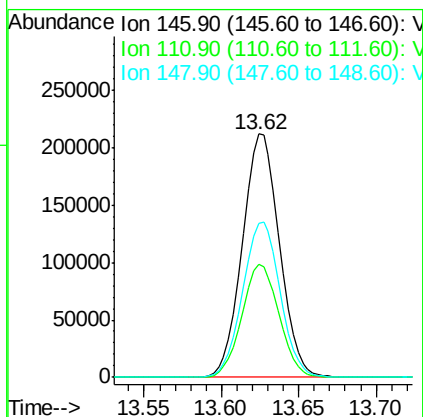
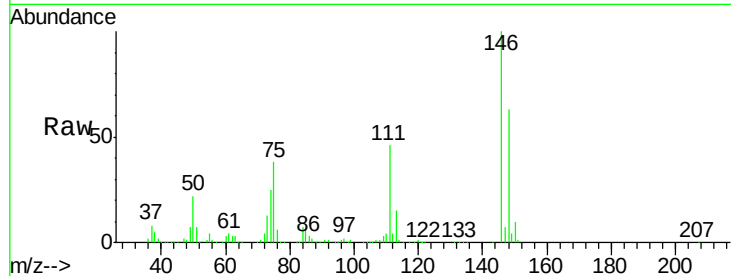




#91
 1,2-Dichlorobenzene
 Concen: 48.213 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

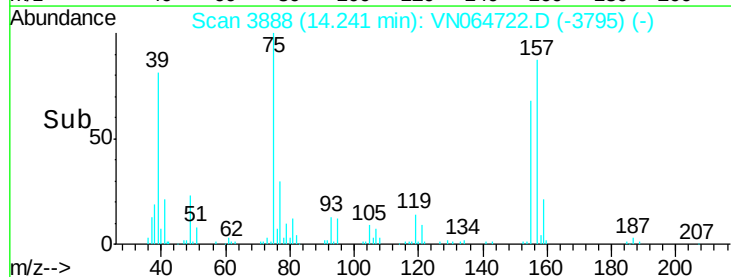
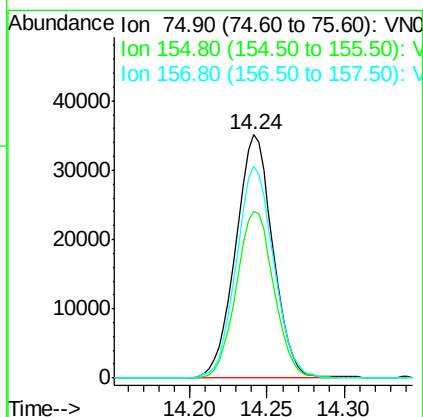
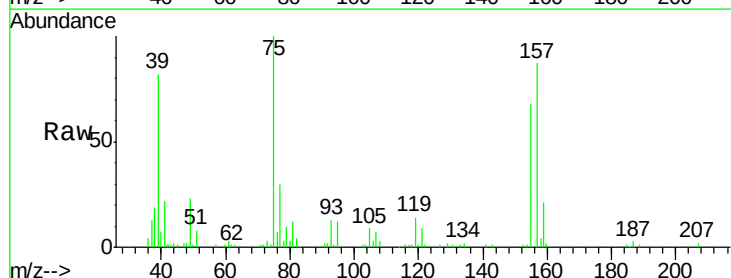
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

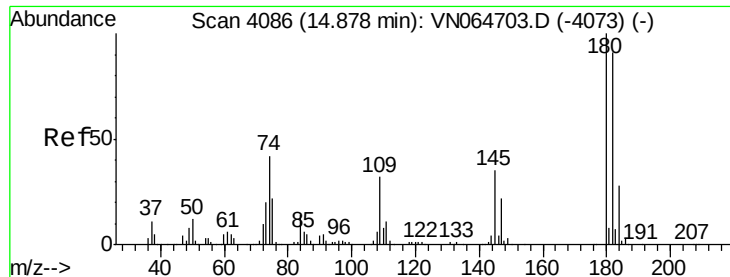
Tot Ion:146 Resp: 355137
 Ion Ratio Lower Upper
 146 100
 111 46.3 23.1 69.3
 148 64.5 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.765 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Tgt Ion: 75 Resp: 58675
 Ion Ratio Lower Upper
 75 100
 155 68.9 33.6 100.6
 157 87.6 42.4 127.2

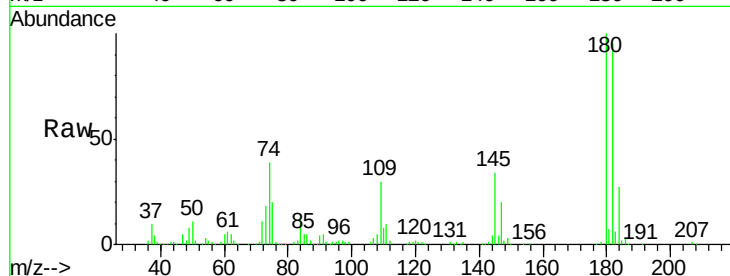




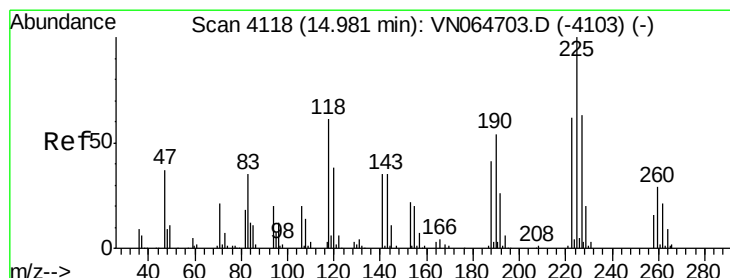
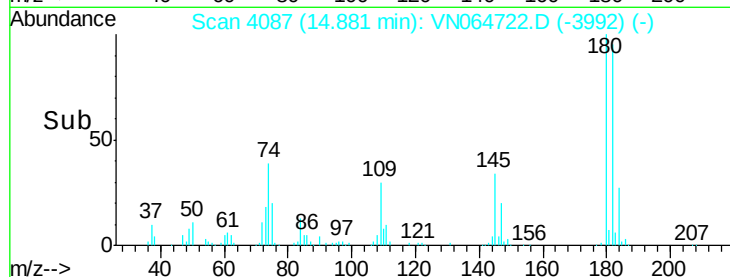
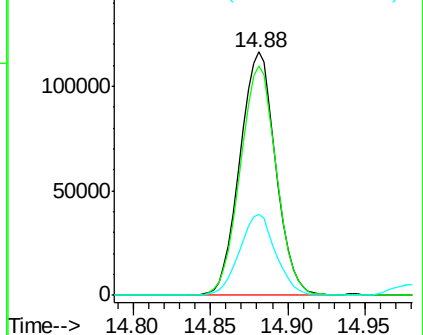
#93
 1,2,4-Trichlorobenzene
 Concen: 46.957 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 187867
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.3 141.8
 145 33.4 17.5 52.5

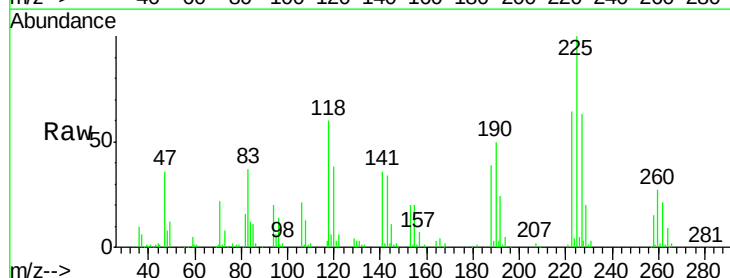


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

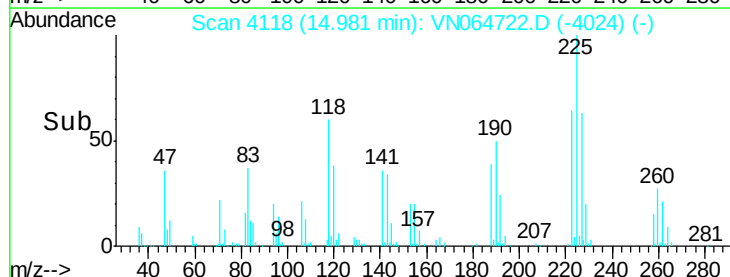
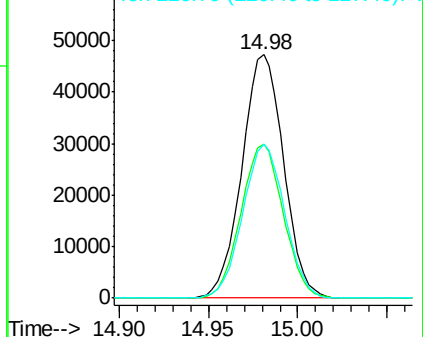


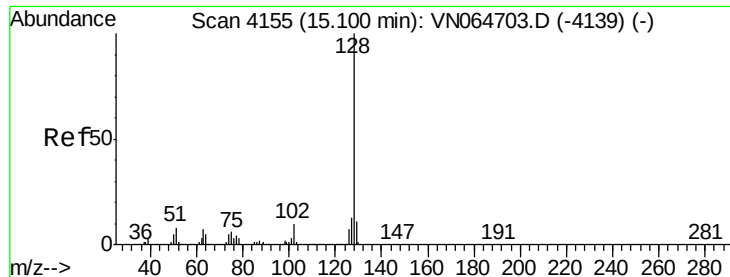
#94
 Hexachlorobutadiene
 Concen: 47.235 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Tgt Ion:225 Resp: 77590
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.2 93.6
 227 63.3 32.1 96.3



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





#95

Naphthalene

Concen: 50.884 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

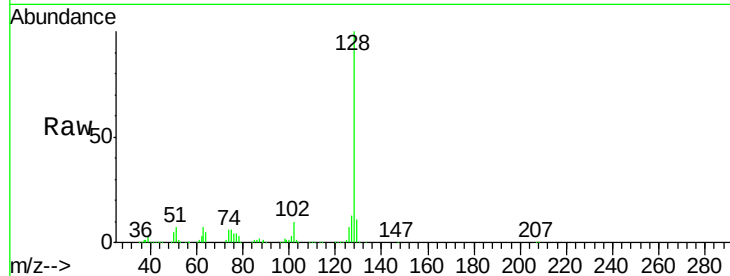
Tot Ion:128 Resp: 660613

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

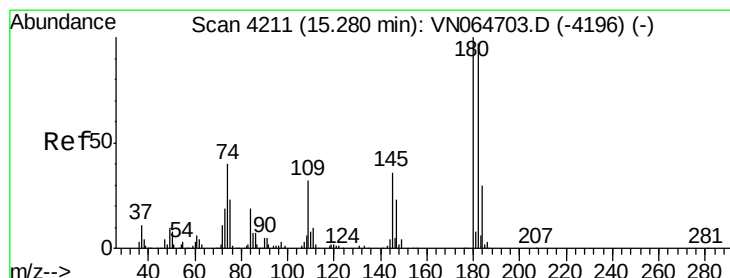
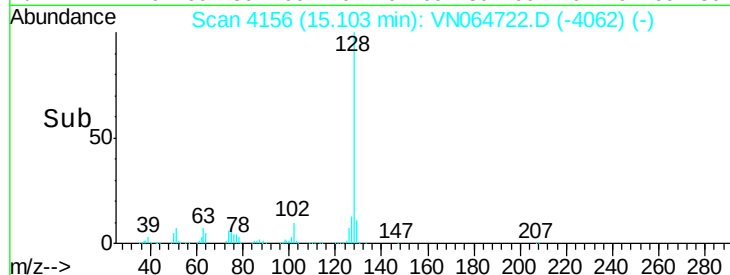
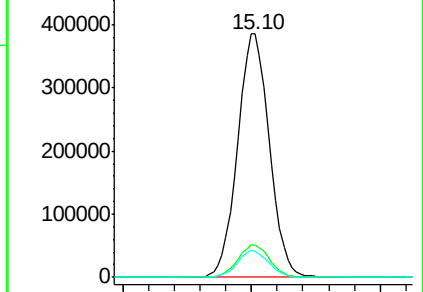
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.984 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

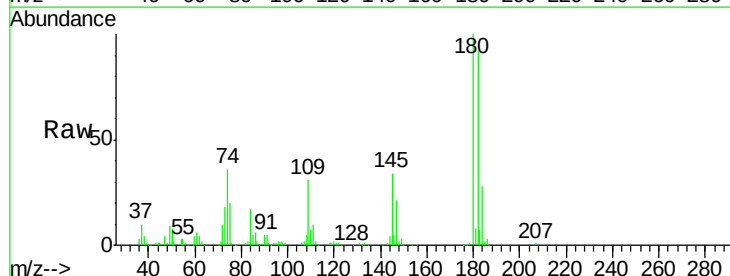
Tgt Ion:180 Resp: 184288

Ion Ratio Lower Upper

180 100

182 93.6 47.5 142.5

145 35.3 18.1 54.1



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

