

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103020\
 Data File : VN064409.D
 Acq On : 30 Oct 2020 18:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 02 02:08:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	237392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	397593	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	364914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176989	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	186252	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	7.55	113	131471	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	10.06	98	474267	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.37	95	181801	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	130093	47.674	ug/l	99
3) Chloromethane	2.04	50	140432	47.607	ug/l	99
4) Vinyl Chloride	2.16	62	145185	50.884	ug/l	98
5) Bromomethane	2.53	94	87325	47.365	ug/l	97
6) Chloroethane	2.67	64	87669	51.421	ug/l	97
7) Trichlorofluoromethane	2.98	101	251015	52.514	ug/l	100
8) Diethyl Ether	3.38	74	79905	52.844	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	119893	49.905	ug/l	98
10) Methyl Iodide	3.91	142	151321	47.200	ug/l	98
11) Tert butyl alcohol	4.72	59	106648	192.579	ug/l	98
12) 1,1-Dichloroethene	3.70	96	113953	50.244	ug/l	92
13) Acrolein	3.57	56	35201	289.877	ug/l	94
14) Allyl chloride	4.28	41	228486	49.338	ug/l	99
15) Acrylonitrile	4.93	53	297979	250.212	ug/l	98
16) Acetone	3.77	43	291675	223.486	ug/l	92
17) Carbon Disulfide	4.01	76	317452	47.308	ug/l	96
18) Methyl Acetate	4.27	43	144549	50.441	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	461263	52.933	ug/l	96
20) Methylene Chloride	4.50	84	137172	50.701	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	128768	50.895	ug/l	95
22) Diisopropyl ether	5.90	45	481465	53.190	ug/l	95
23) Vinyl Acetate	5.84	43	2069919	270.294	ug/l	100
24) 1,1-Dichloroethane	5.80	63	260995	51.528	ug/l	99
25) 2-Butanone	6.78	43	446580	233.147	ug/l	98
26) 2,2-Dichloropropane	6.78	77	238817	48.176	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	151492	52.320	ug/l	99
28) Bromochloromethane	7.15	49	118814	49.234	ug/l	98
29) Tetrahydrofuran	7.16	42	295391	237.549	ug/l	98
30) Chloroform	7.33	83	287410	53.160	ug/l	99
31) Cyclohexane	7.61	56	208158	47.015	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	263154	50.688	ug/l	98
36) 1,1-Dichloropropene	7.75	75	198673	49.512	ug/l	99
37) Ethyl Acetate	6.88	43	190708	47.052	ug/l	98
38) Carbon Tetrachloride	7.73	117	234786	50.470	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	182288	45.816	ug/l	97
40) Benzene	8.00	78	562257	50.340	ug/l	98
41) Methacrylonitrile	7.16	41	284998	141.649	ug/l #	20
42) 1,2-Dichloroethane	8.08	62	247754	51.350	ug/l	99
43) Isopropyl Acetate	8.13	43	351704	50.762	ug/l	99
44) Trichloroethene	8.80	130	149729	51.173	ug/l	95
45) 1,2-Dichloropropane	9.08	63	151620	50.693	ug/l	99
46) Dibromomethane	9.17	93	108430	51.821	ug/l	98
47) Bromodichloromethane	9.37	83	232942	50.234	ug/l	96
48) Methyl methacrylate	9.16	41	170654	47.739	ug/l	99
49) 1,4-Dioxane	9.16	88	43169	819.322	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	997104	247.576	ug/l	100
52) Toluene	10.12	92	358250	50.830	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	249744	50.936	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	259502	51.415	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	142550	51.238	ug/l	99
56) Ethyl methacrylate	10.40	69	220809	52.431	ug/l	98
57) 1,3-Dichloropropane	10.68	76	247883	52.232	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	525038	228.462	ug/l	100
59) 2-Hexanone	10.72	43	719151	242.447	ug/l	99
60) Dibromochloromethane	10.87	129	173302	52.684	ug/l	99
61) 1,2-Dibromoethane	10.97	107	147333	51.974	ug/l	98
64) Tetrachloroethene	10.60	164	140173	46.737	ug/l	99
65) Chlorobenzene	11.40	112	385080	52.052	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	154341	51.616	ug/l	98
67) Ethyl Benzene	11.48	91	702158	51.051	ug/l	99
68) m/p-Xylenes	11.60	106	519438	101.908	ug/l	100
69) o-Xylene	11.92	106	250499	51.011	ug/l	98
70) Styrene	11.94	104	418578	51.988	ug/l	98
71) Bromoform	12.10	173	117869	50.225	ug/l #	100
73) Isopropylbenzene	12.22	105	654923	49.406	ug/l	99
74) N-amyl acetate	12.04	43	304459	52.180	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	194448	50.465	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	278787	65.776	ug/l #	100
77) Bromobenzene	12.50	156	166313	51.236	ug/l	97
78) n-propylbenzene	12.56	91	736882	49.100	ug/l	99
79) 2-Chlorotoluene	12.65	91	463134	48.276	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	546034	48.681	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	69086	46.952	ug/l	96
82) 4-Chlorotoluene	12.75	91	482959	49.417	ug/l	100
83) tert-Butylbenzene	12.96	119	441692	47.989	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	552750	49.319	ug/l	98
85) sec-Butylbenzene	13.14	105	565364	47.467	ug/l	99
86) p-Isopropyltoluene	13.26	119	515276	48.021	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	278005	48.923	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	280962	48.544	ug/l	99
89) n-Butylbenzene	13.59	91	441158	46.669	ug/l	97
90) Hexachloroethane	13.85	117	97821	48.541	ug/l	98
91) 1,2-Dichlorobenzene	13.62	146	277680	49.151	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	45833	47.938	ug/l	98

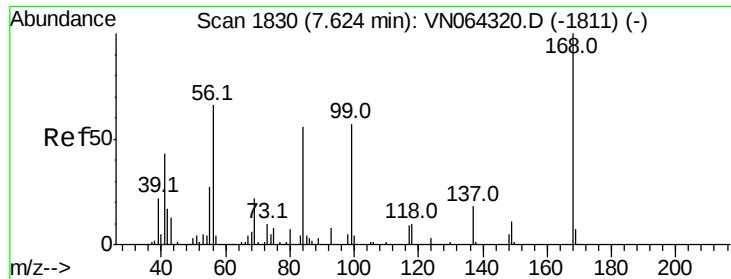
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	141731	43.907	ug/l	98
94) Hexachlorobutadiene	14.98	225	76913	44.363	ug/l	98
95) Naphthalene	15.10	128	417449	42.119	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	133016	42.827	ug/l	97

(#) = 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: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

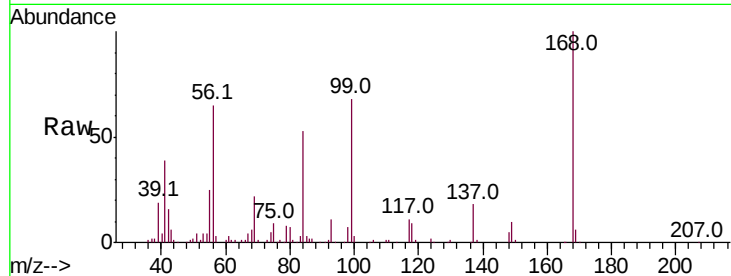
VSTDCCC050EC

Tot Ion:168 Resp: 237392

Ion Ratio Lower Upper

168 100

99 67.4 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

100000

80000

60000

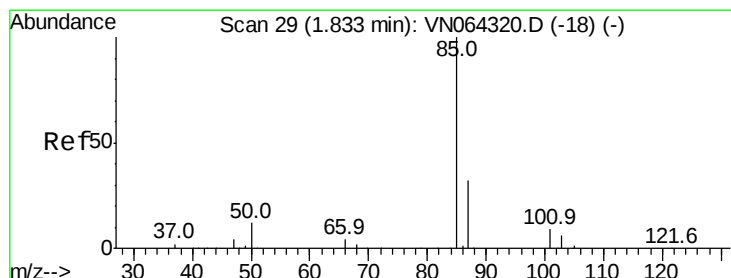
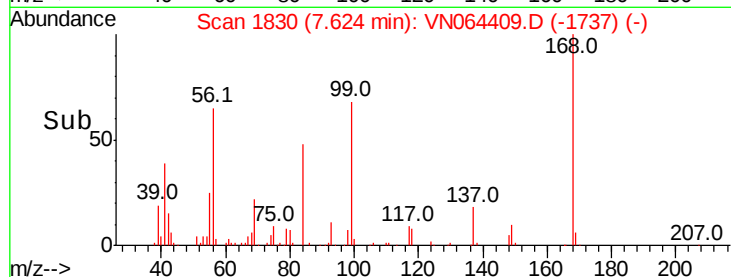
40000

20000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 47.674 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064409.D

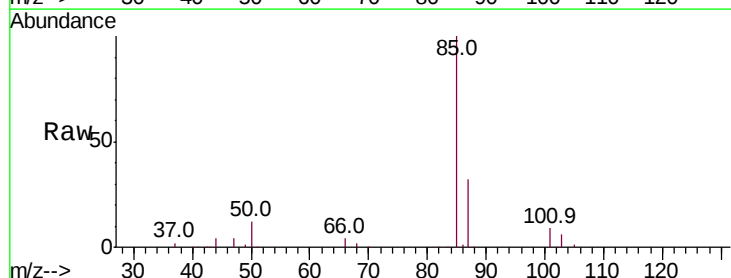
Acq: 30 Oct 2020 18:50

Tgt Ion: 85 Resp: 130093

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

100000

80000

60000

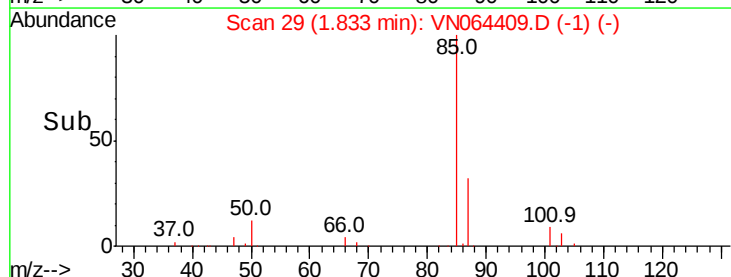
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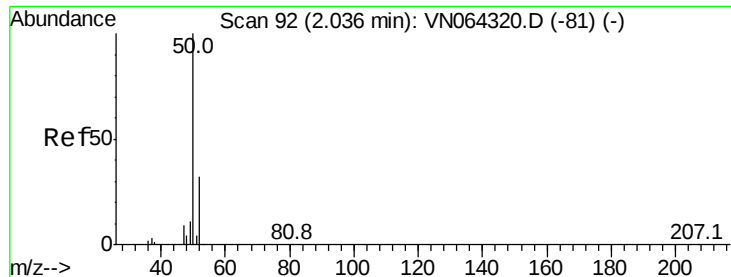
20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 47.607 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

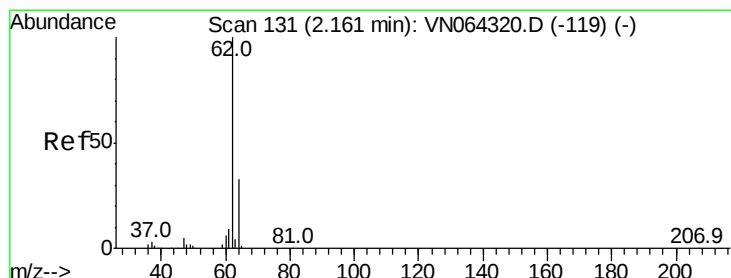
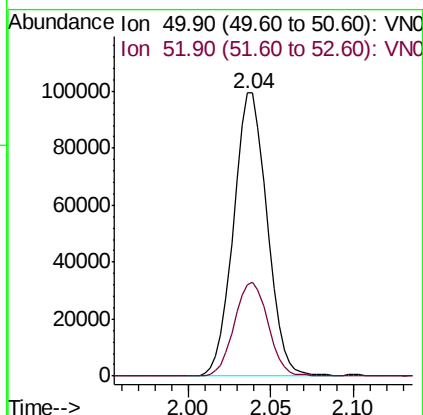
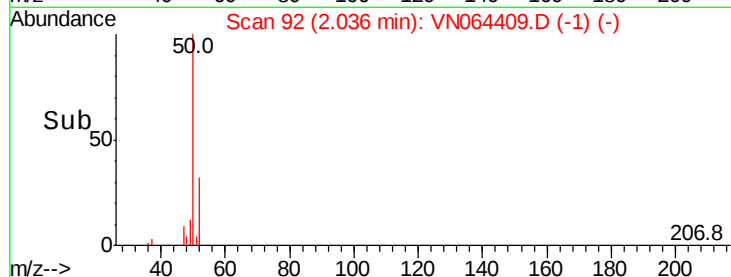
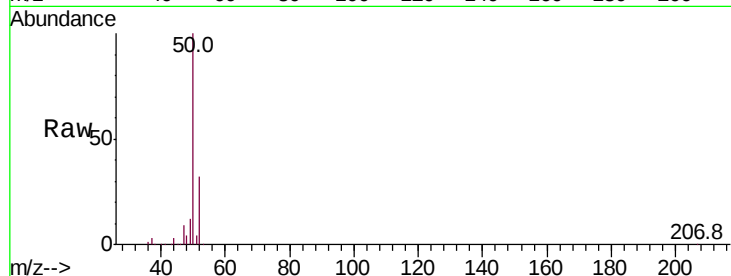
VSTDCCC050EC

Tot Ion: 50 Resp: 140432

Ion Ratio Lower Upper

50 100

52 32.4 25.6 38.4



#4

Vinyl Chloride

Concen: 50.884 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064409.D

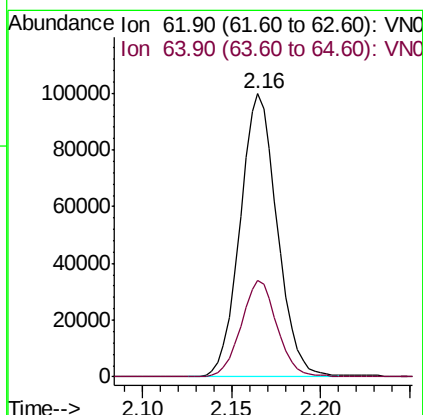
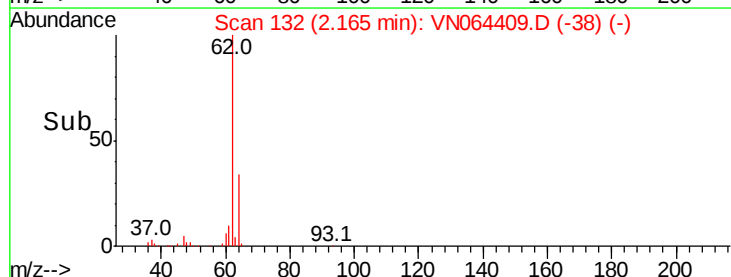
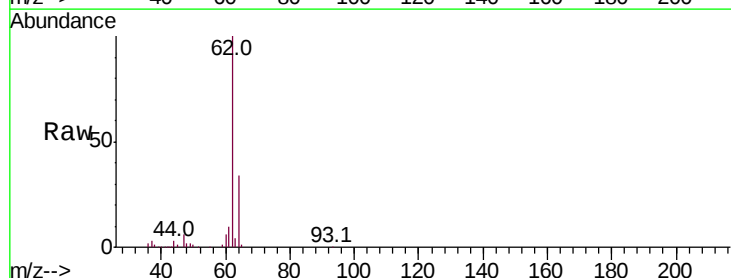
Acq: 30 Oct 2020 18:50

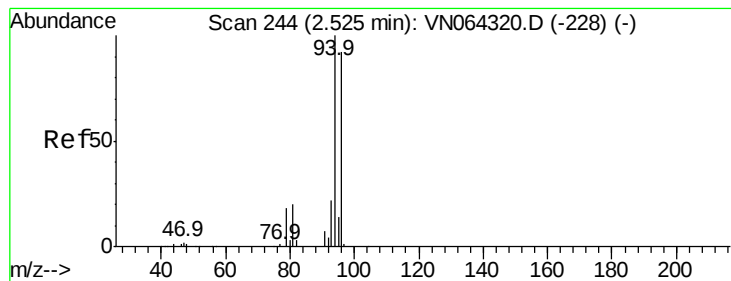
Tgt Ion: 62 Resp: 145185

Ion Ratio Lower Upper

62 100

64 34.0 26.2 39.4





#5

Bromomethane

Concen: 47.365 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

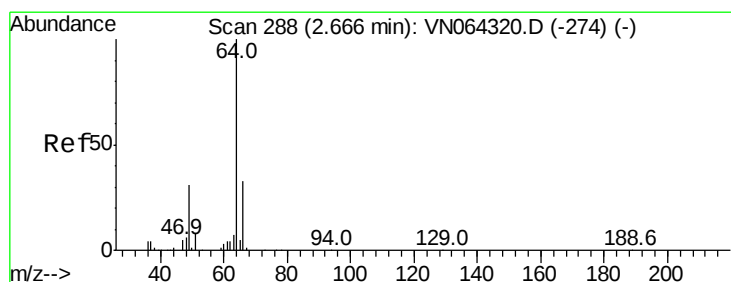
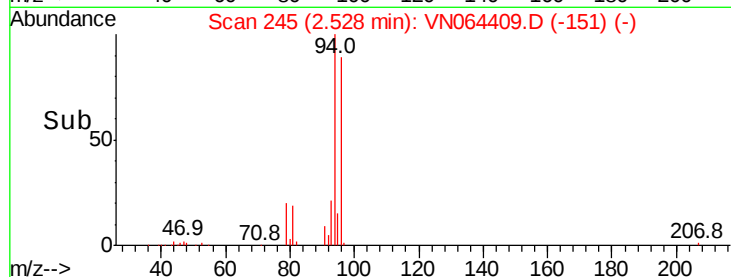
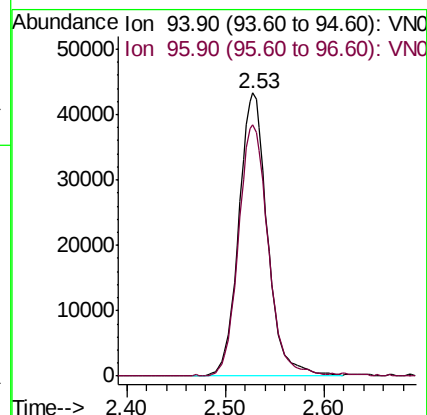
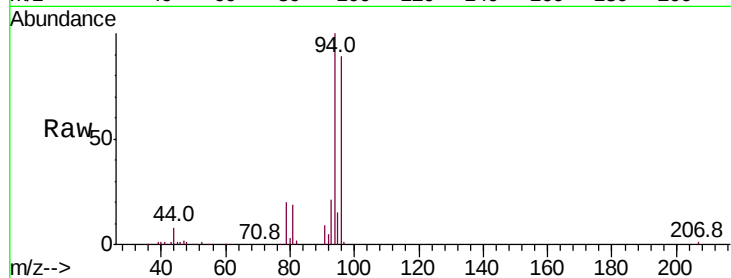
VSTDCCC050EC

Tot Ion: 94 Resp: 87325

Ion Ratio Lower Upper

94 100

96 88.7 73.6 110.4



#6

Chloroethane

Concen: 51.421 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064409.D

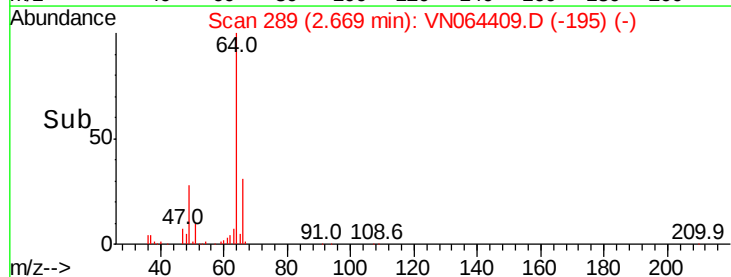
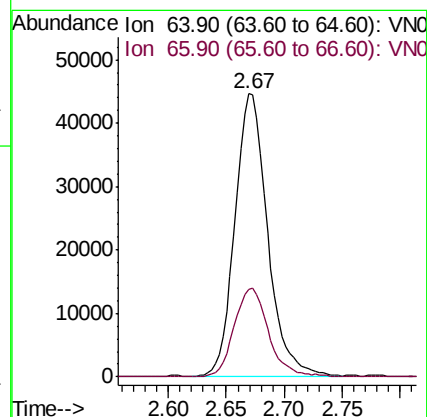
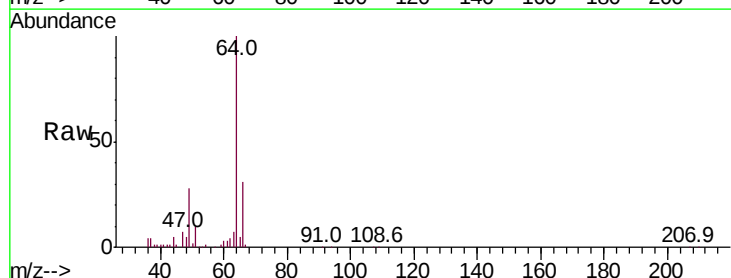
Acq: 30 Oct 2020 18:50

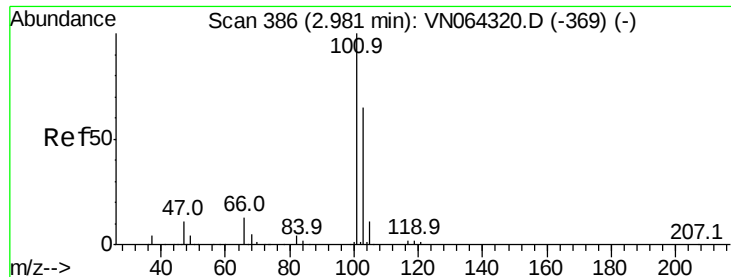
Tgt Ion: 64 Resp: 87669

Ion Ratio Lower Upper

64 100

66 31.1 26.5 39.7



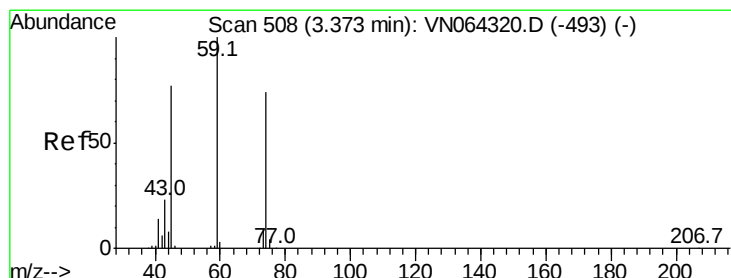
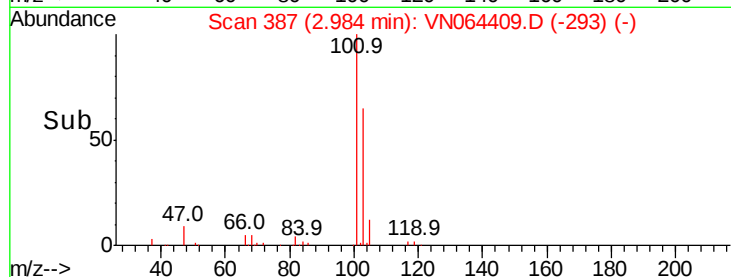
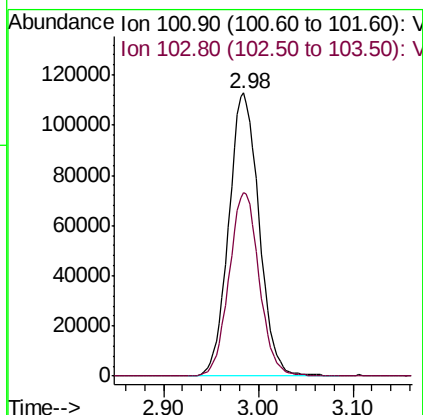
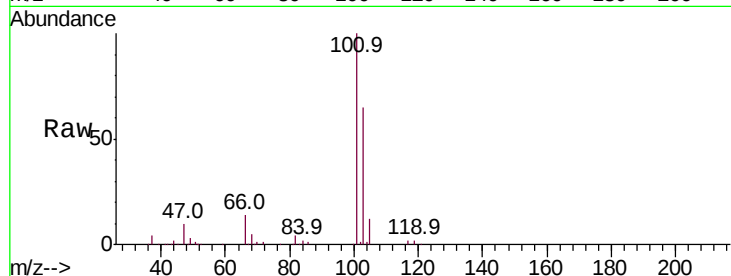


#7

Trichlorofluoromethane
Concen: 52.514 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064409.D
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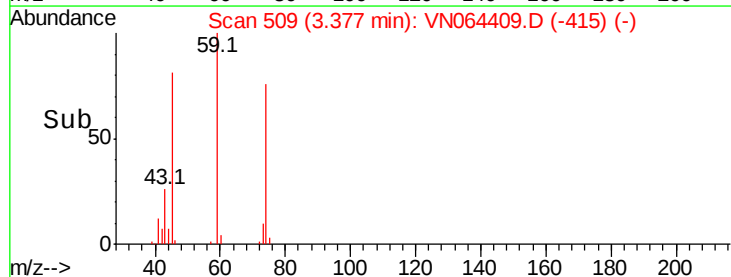
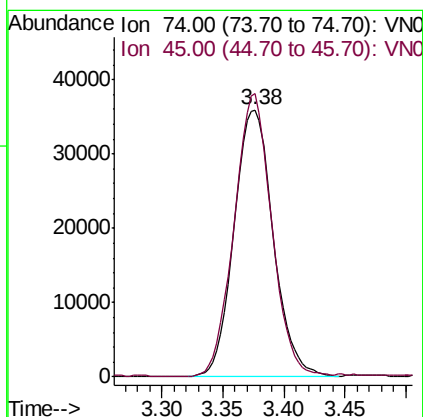
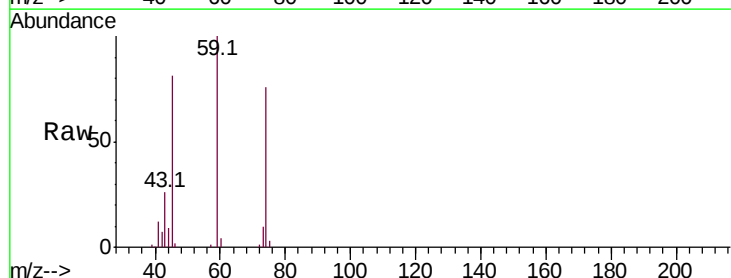
Tot Ion:101 Resp: 251015
Ion Ratio Lower Upper
101 100
103 64.9 51.7 77.5

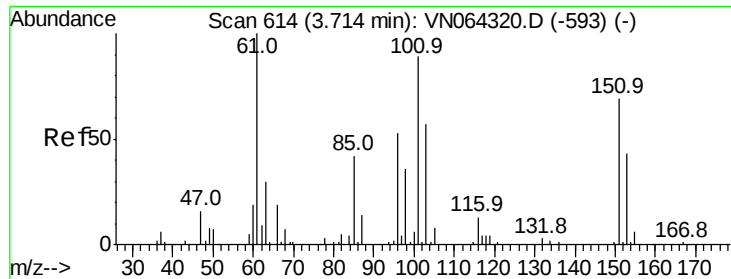


#8

Diethyl Ether
Concen: 52.844 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

Tgt Ion: 74 Resp: 79905
Ion Ratio Lower Upper
74 100
45 102.1 51.3 154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.905 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.01 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

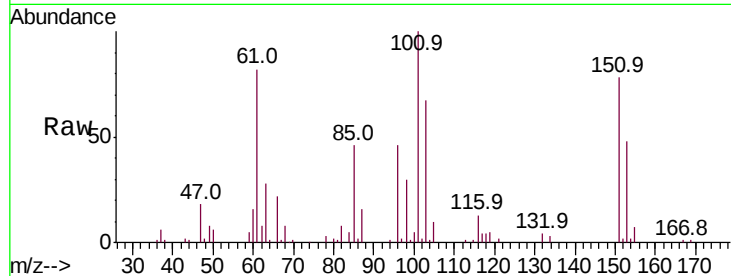
Tot Ion:101 Resp: 119893

Ion Ratio Lower Upper

101 100

85 48.4 38.4 57.6

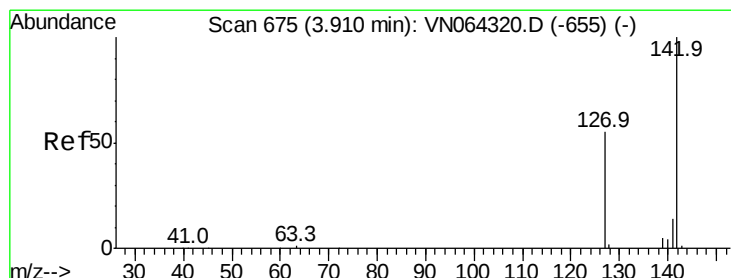
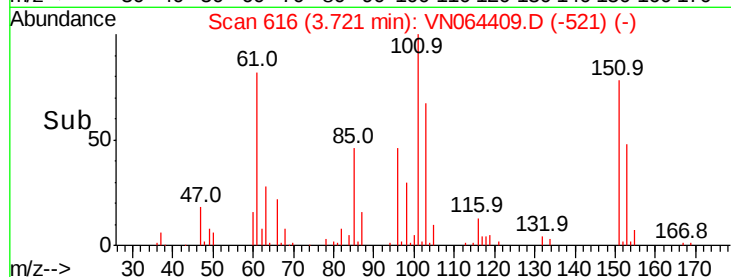
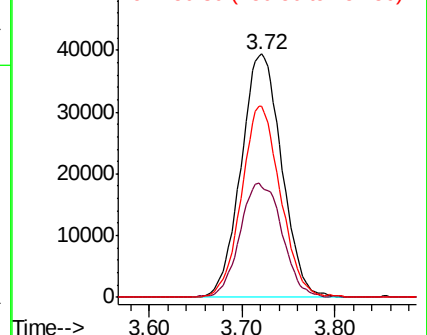
151 75.0 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.200 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

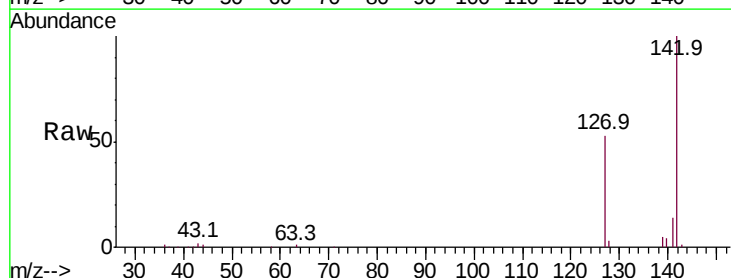
Tgt Ion:142 Resp: 151321

Ion Ratio Lower Upper

142 100

127 55.6 43.3 64.9

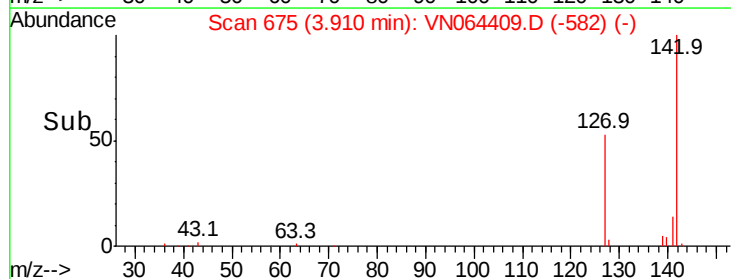
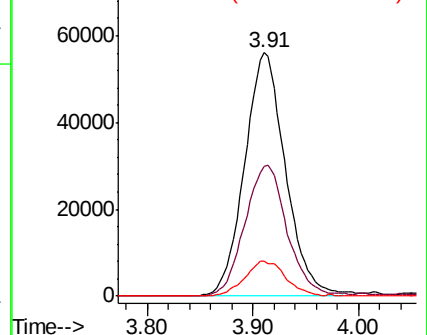
141 14.4 11.5 17.3

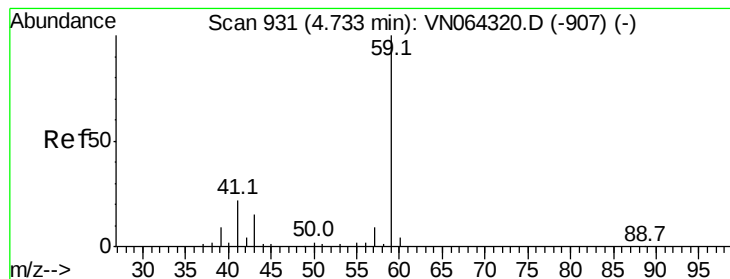


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



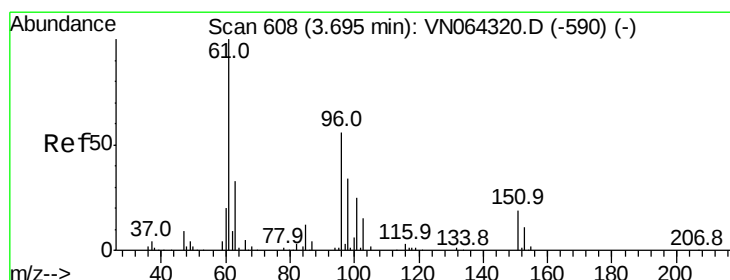
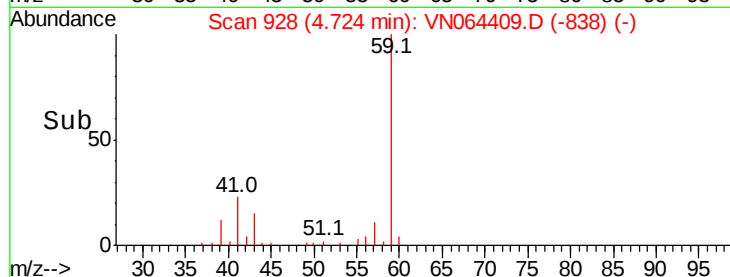
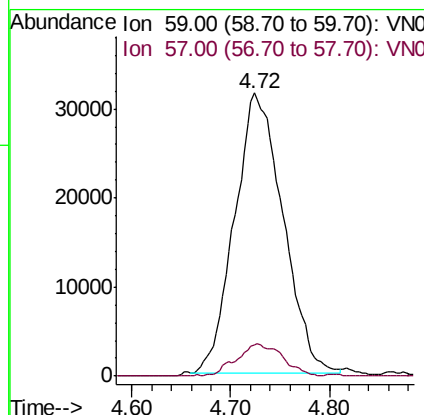
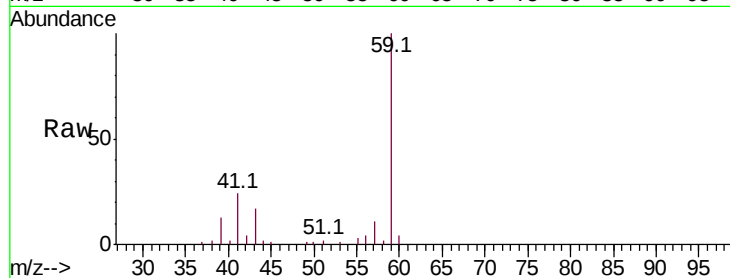


#11

Tert butyl alcohol
 Concen: 192.579 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

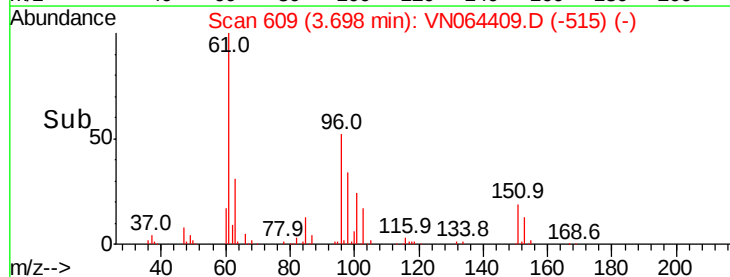
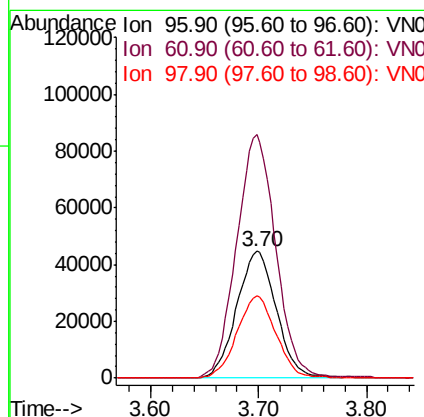
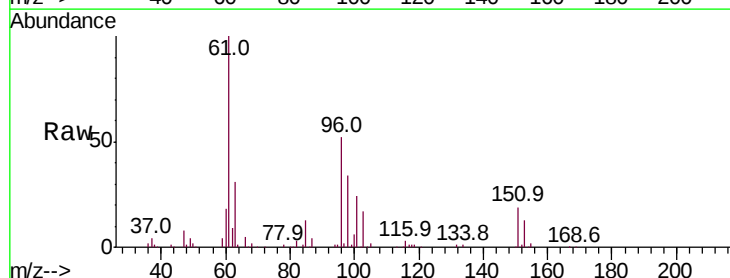
Tot Ion: 59 Resp: 106648
 Ion Ratio Lower Upper
 59 100
 57 11.1 9.4 14.0

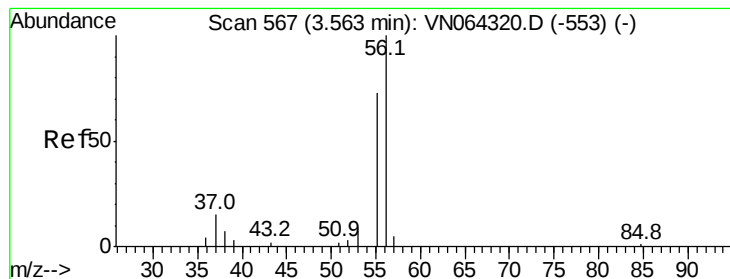


#12

1,1-Dichloroethene
 Concen: 50.244 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

Tgt Ion: 96 Resp: 113953
 Ion Ratio Lower Upper
 96 100
 61 191.8 143.6 215.4
 98 64.4 48.6 73.0





#13

Acrolein

Concen: 289.877 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.01 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

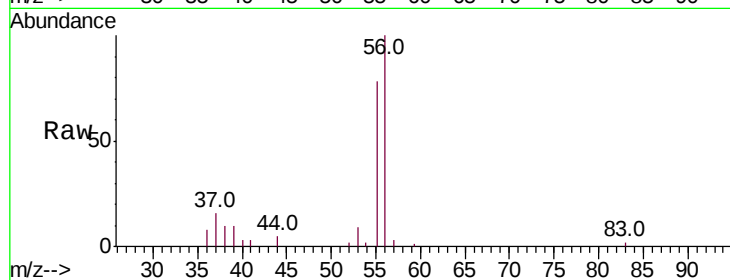
VSTDCCC050EC

Tot Ion: 56 Resp: 35201

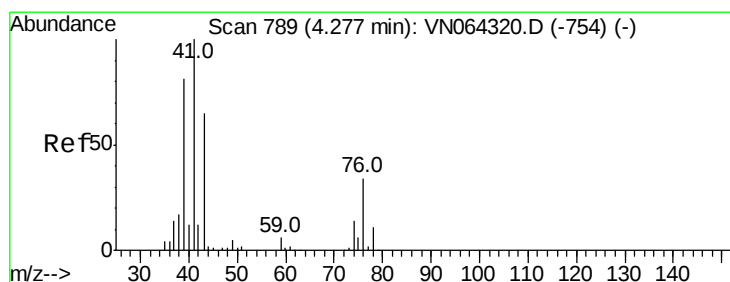
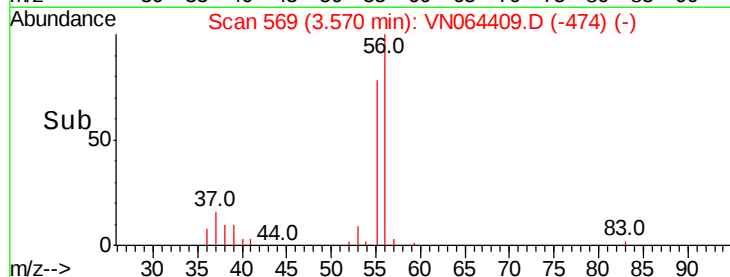
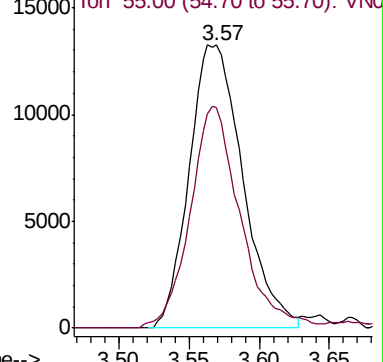
Ion Ratio Lower Upper

56 100

55 73.4 62.6 94.0



Abundance Ion 56.00 (55.70 to 56.70): VN064409.D (-474) (-)



#14

Allyl chloride

Concen: 49.338 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

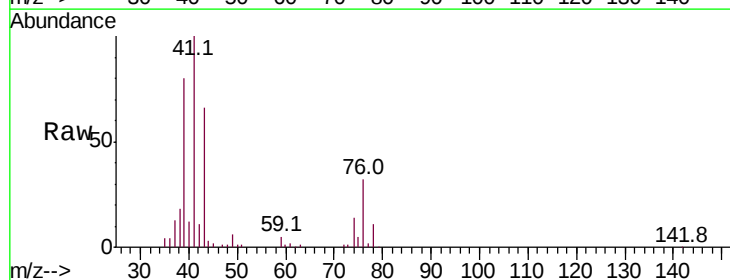
Tgt Ion: 41 Resp: 228486

Ion Ratio Lower Upper

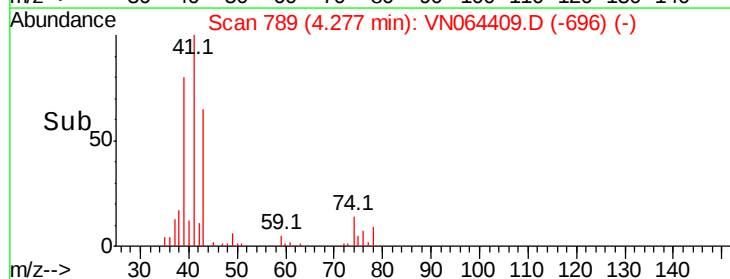
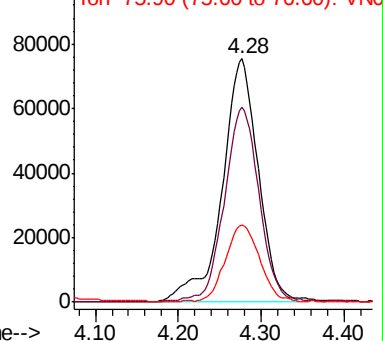
41 100

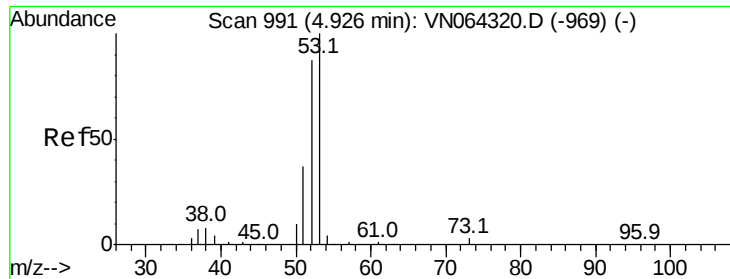
39 76.6 61.7 92.5

76 29.7 24.0 36.0



Abundance Ion 41.00 (40.70 to 41.70): VN064409.D (-696) (-)

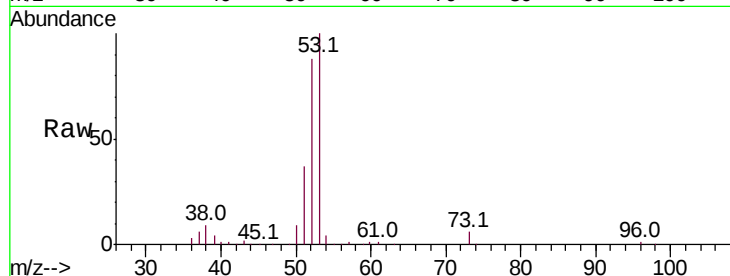




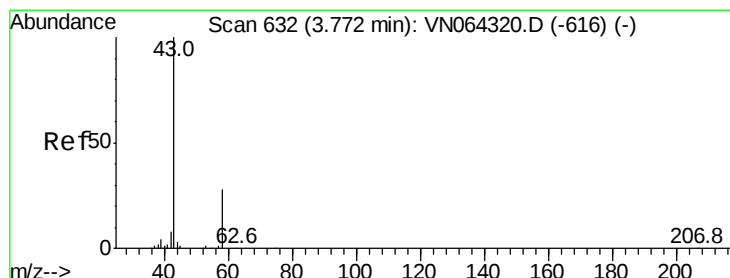
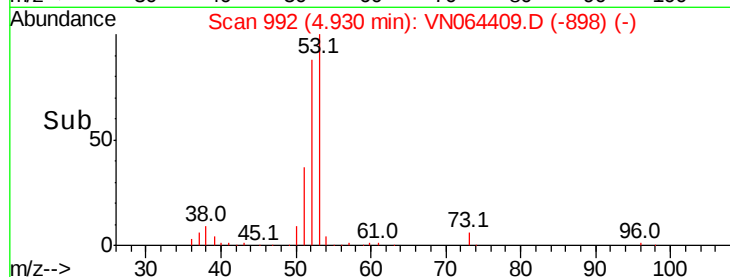
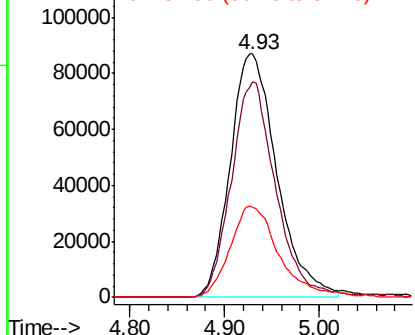
#15
 Acrylonitrile
 Concen: 250.212 ug/l
 RT: 4.93 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 53 Resp: 297979
 Ion Ratio Lower Upper
 53 100
 52 84.1 65.9 98.9
 51 39.2 30.4 45.6

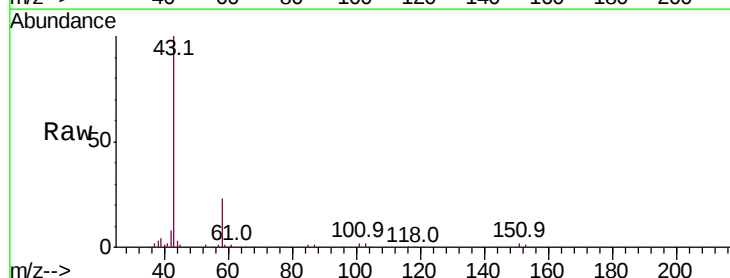


Abundance Ion 53.00 (52.70 to 53.70): VN0
 Ion 52.00 (51.70 to 52.70): VN0
 Ion 51.00 (50.70 to 51.70): VN0

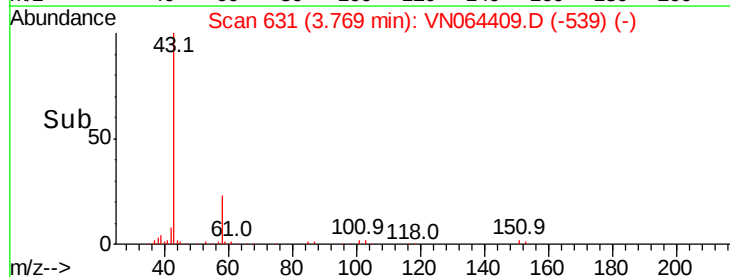
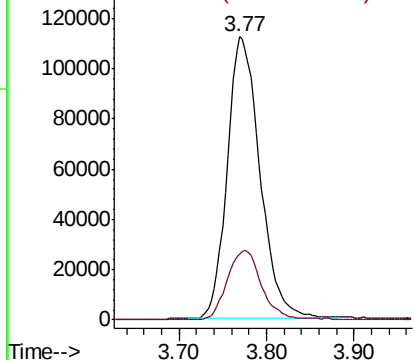


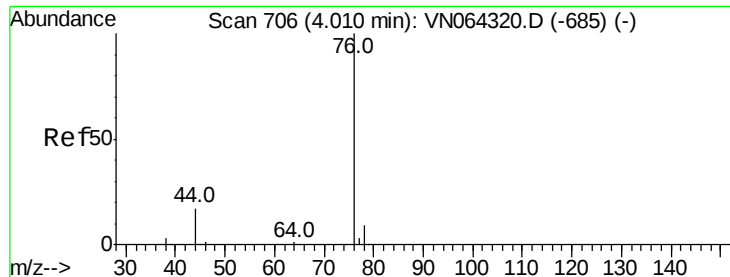
#16
 Acetone
 Concen: 223.486 ug/l
 RT: 3.77 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

Tgt Ion: 43 Resp: 291675
 Ion Ratio Lower Upper
 43 100
 58 23.5 22.1 33.1



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

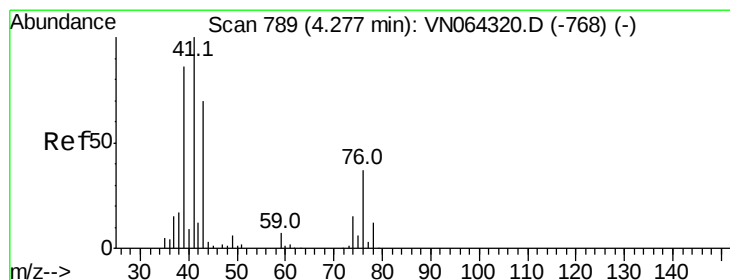
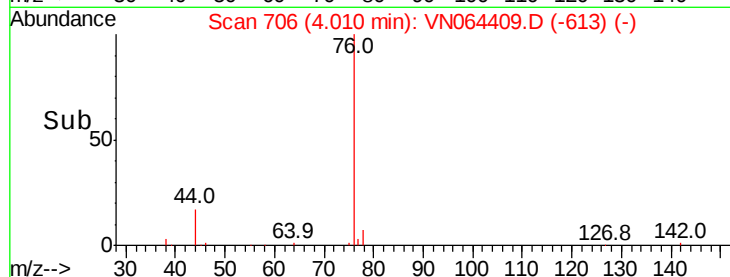
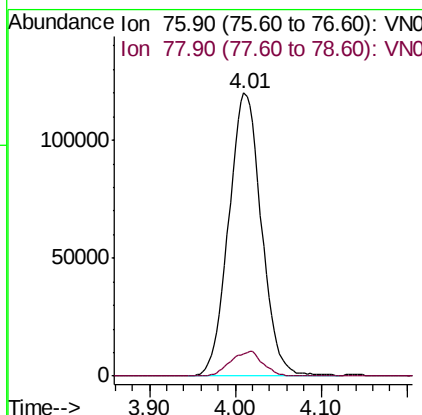
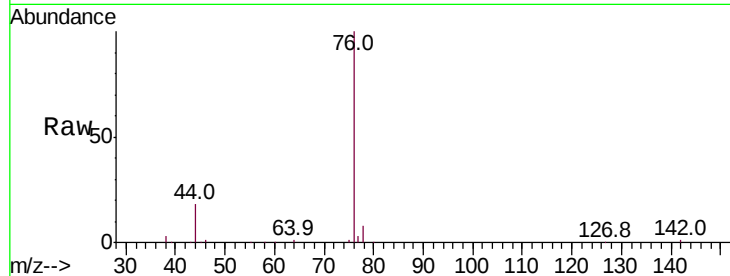




#17
Carbon Disulfide
Concen: 47.308 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

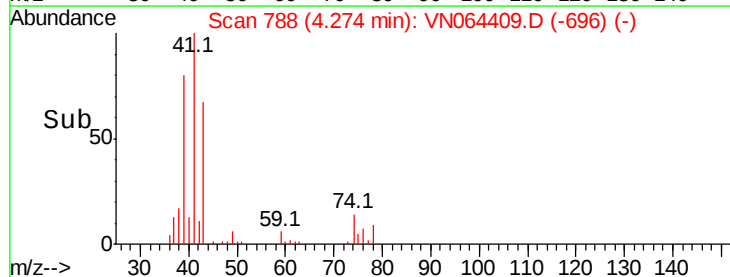
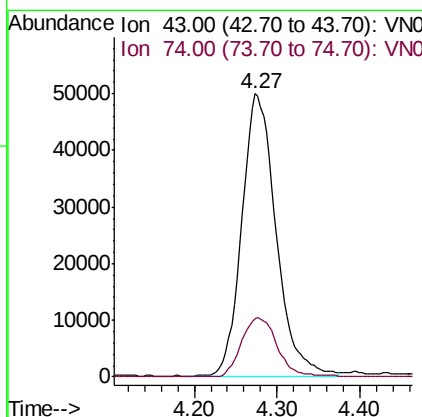
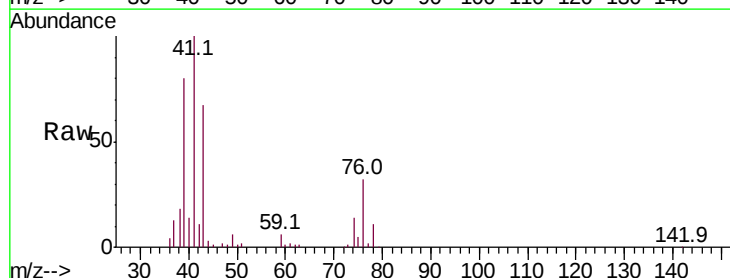
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

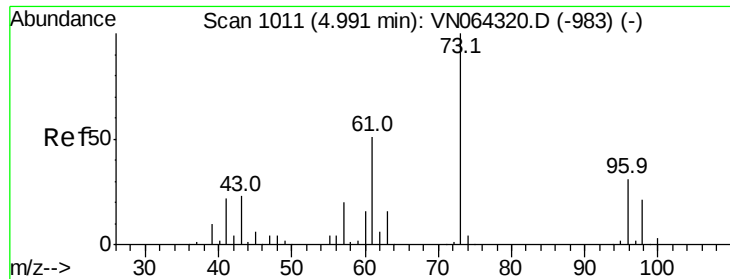
Tot Ion: 76 Resp: 317452
Ion Ratio Lower Upper
76 100
78 7.7 7.3 10.9



#18
Methyl Acetate
Concen: 50.441 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

Tgt Ion: 43 Resp: 144549
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1

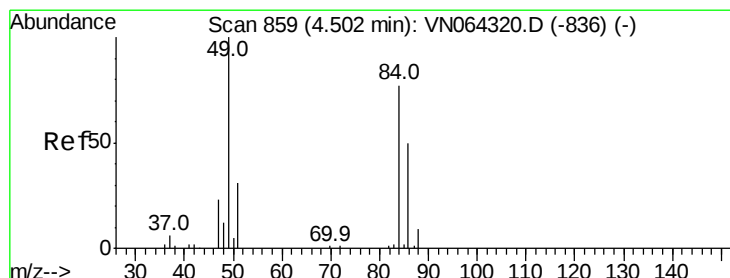
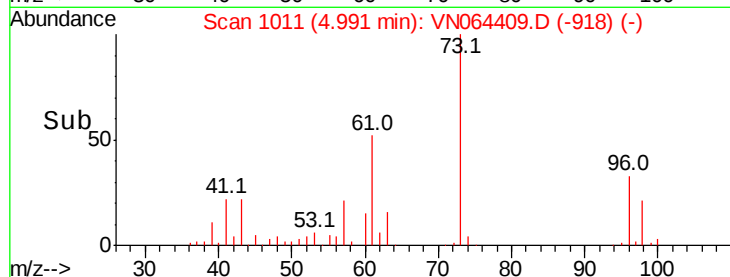
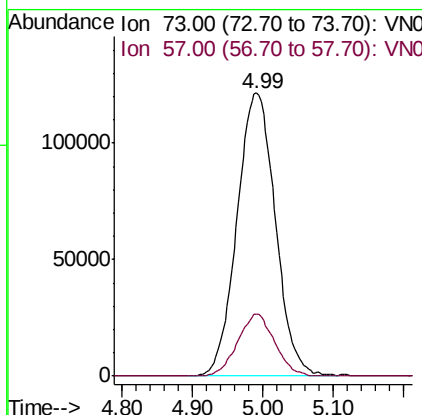
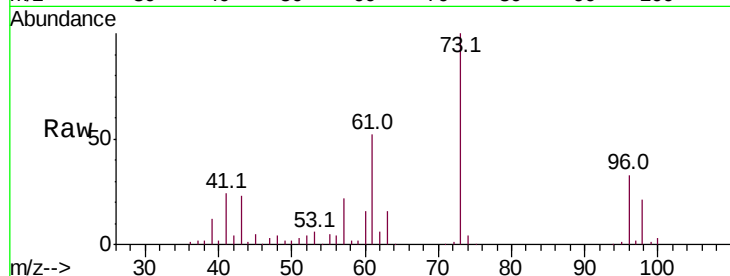




#19
Methvl tert-butvl Ether
Concen: 52.933 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

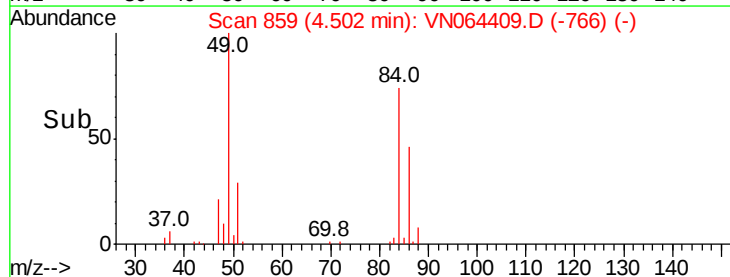
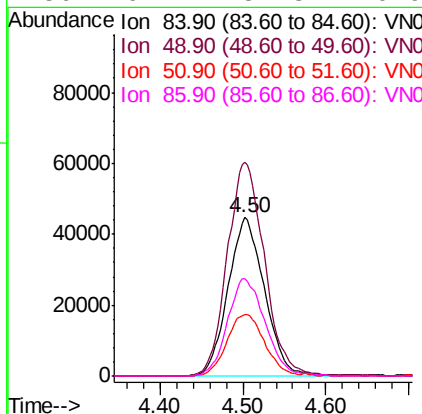
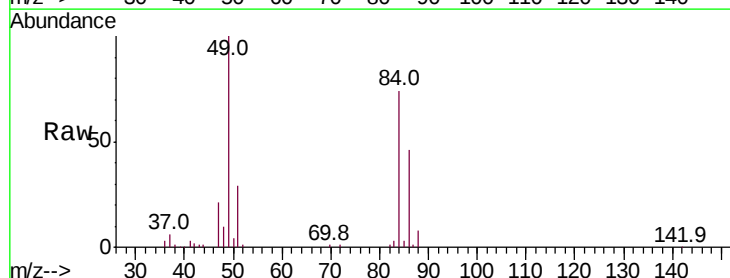
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

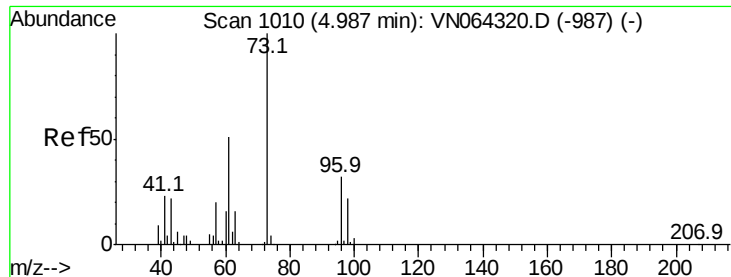
Tot Ion: 73 Resp: 461263
Ion Ratio Lower Upper
73 100
57 21.8 16.1 24.1



#20
Methylene Chloride
Concen: 50.701 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

Tgt Ion: 84 Resp: 137172
Ion Ratio Lower Upper
84 100
49 134.6 103.6 155.4
51 38.6 31.8 47.8
86 61.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 50.895 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

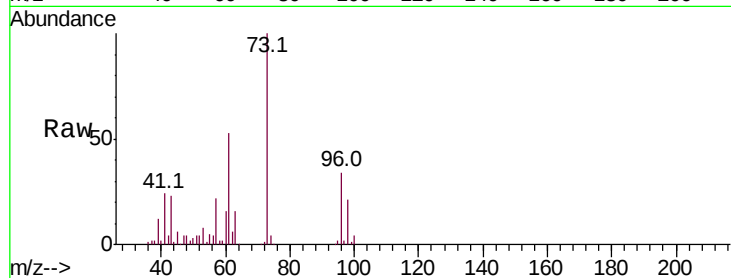
Tot Ion: 96 Resp: 128768

Ion Ratio Lower Upper

96 100

61 158.0 128.2 192.2

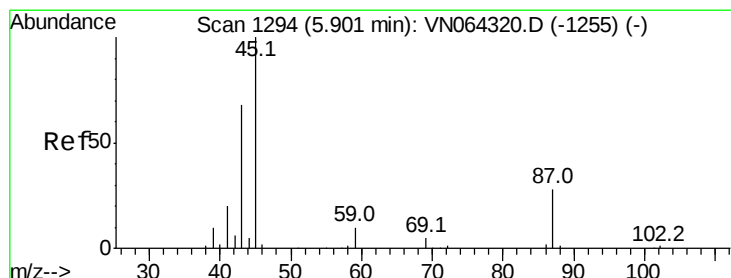
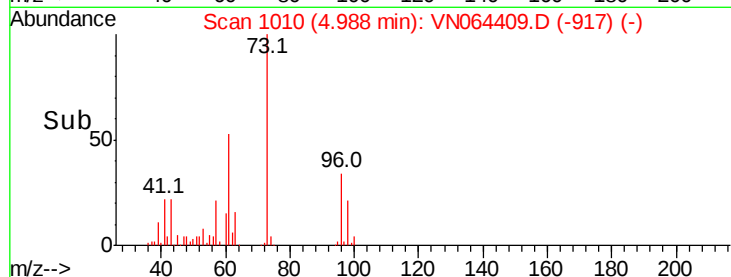
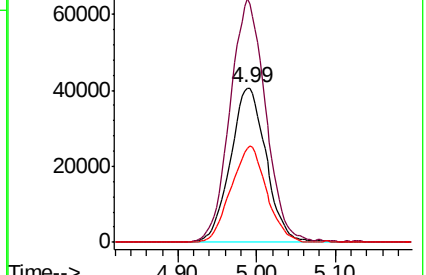
98 61.1 56.1 84.1



Abundance Ion 95.90 (95.60 to 96.60): VN064320.D (-987) (-)

Ion 60.90 (60.60 to 61.60): VN064320.D (-987) (-)

Ion 97.90 (97.60 to 98.60): VN064320.D (-987) (-)



#22

Diisopropyl ether

Concen: 53.190 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Tgt Ion: 45 Resp: 481465

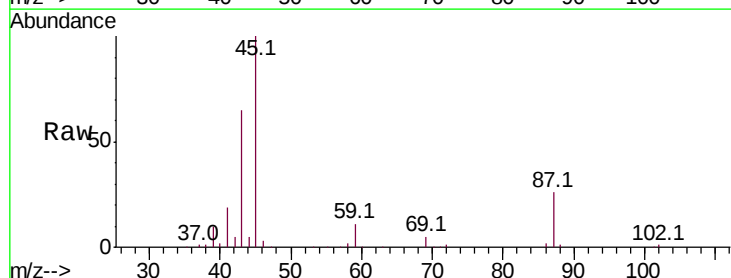
Ion Ratio Lower Upper

45 100

43 63.2 54.6 82.0

87 25.4 22.6 33.8

59 10.6 8.6 12.8

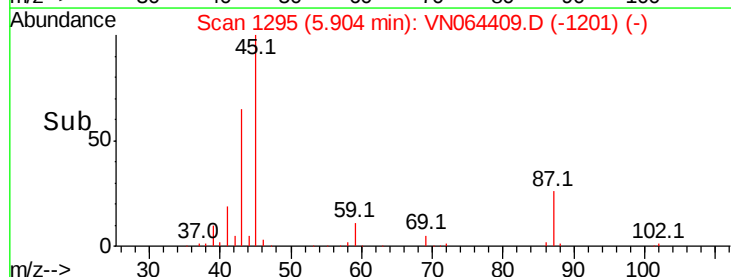
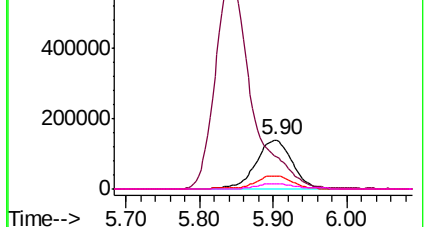


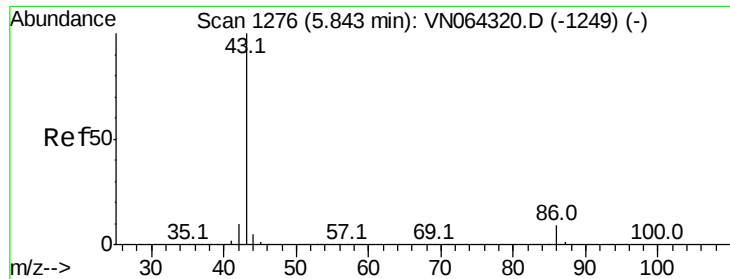
Abundance Ion 45.00 (44.70 to 45.70): VN064320.D (-1255) (-)

Ion 43.00 (42.70 to 43.70): VN064320.D (-1255) (-)

Ion 87.00 (86.70 to 87.70): VN064320.D (-1255) (-)

Ion 59.00 (58.70 to 59.70): VN064320.D (-1255) (-)

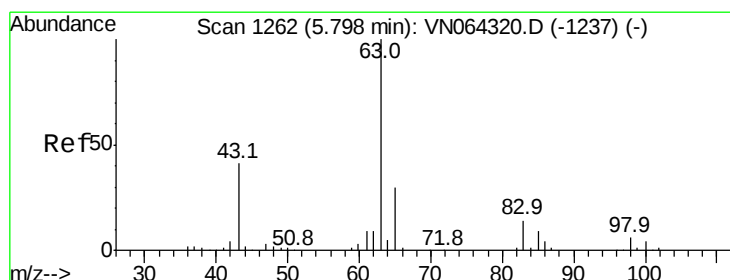
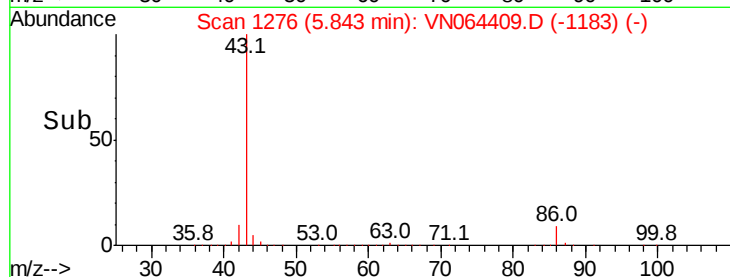
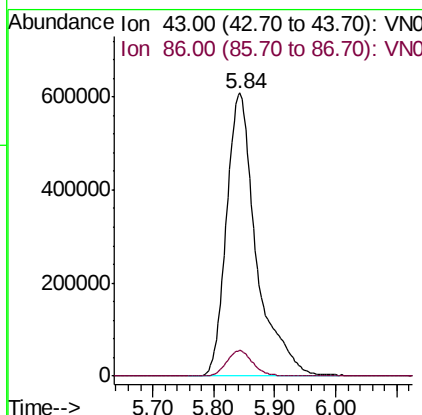
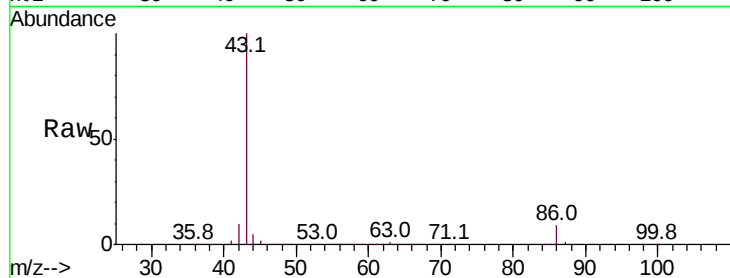




#23
 Vinyl Acetate
 Concen: 270.294 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

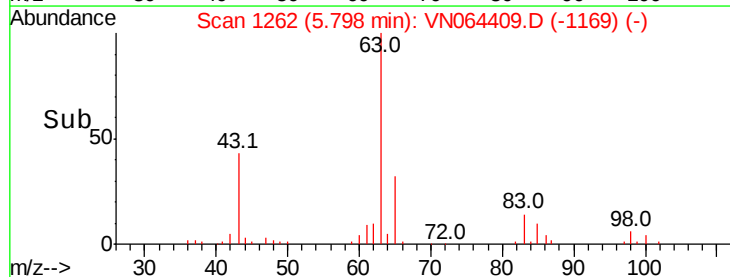
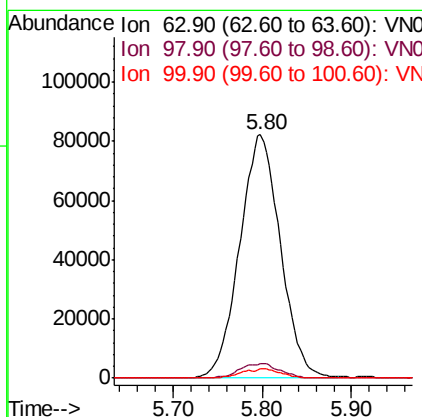
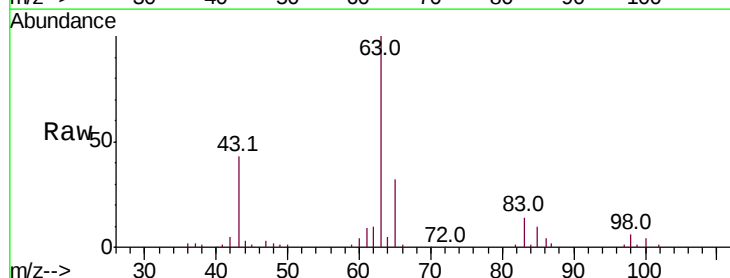
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

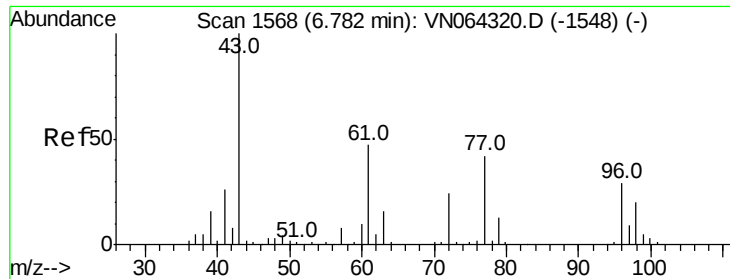
Tot Ion: 43 Resp: 2069919
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 51.528 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

Tgt Ion: 63 Resp: 260995
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.1 9.4
 100 3.7 2.0 5.8





#25

2-Butanone

Concen: 233.147 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

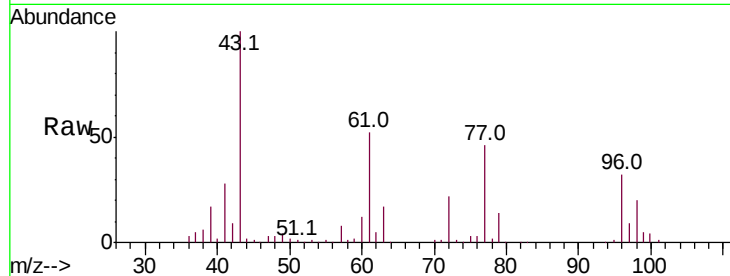
VSTDCCC050EC

Tot Ion: 43 Resp: 446580

Ion Ratio Lower Upper

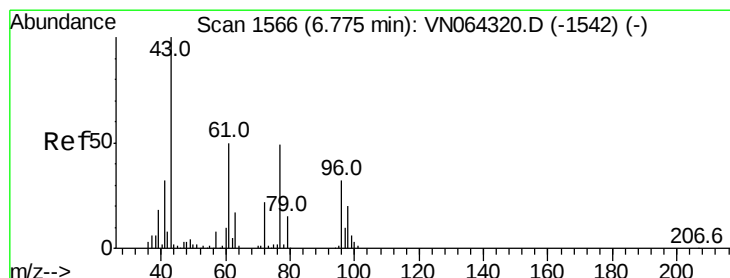
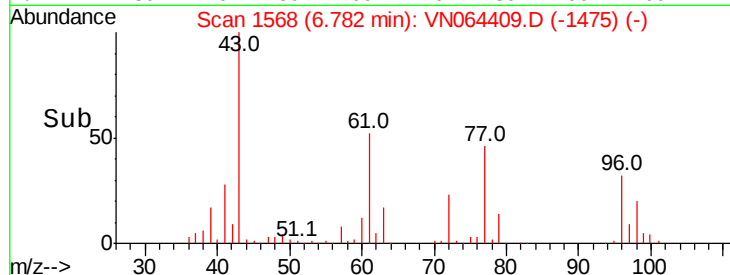
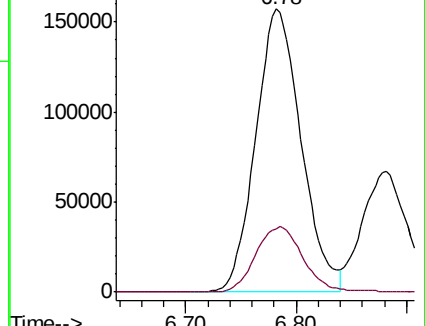
43 100

72 22.5 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 48.176 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064409.D

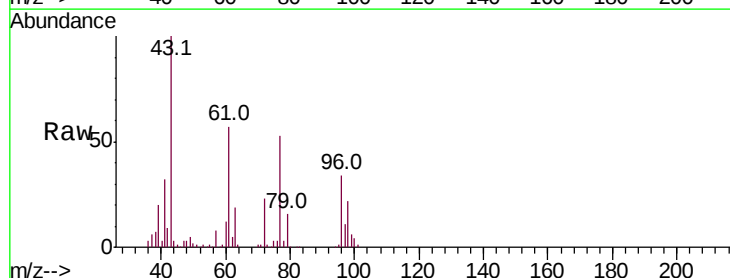
Acq: 30 Oct 2020 18:50

Tgt Ion: 77 Resp: 238817

Ion Ratio Lower Upper

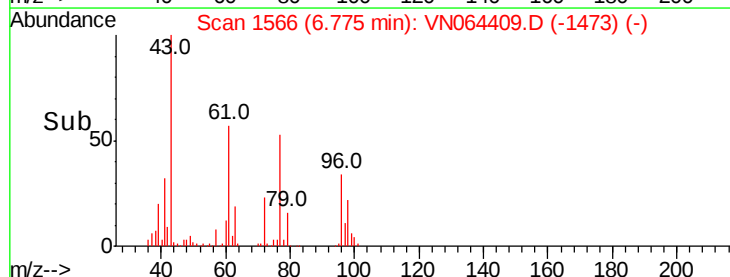
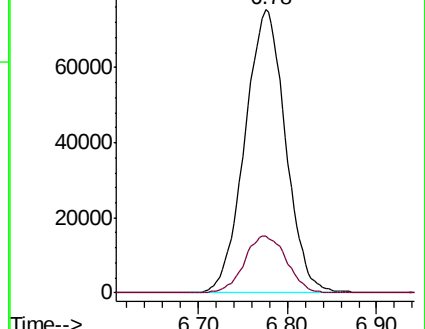
77 100

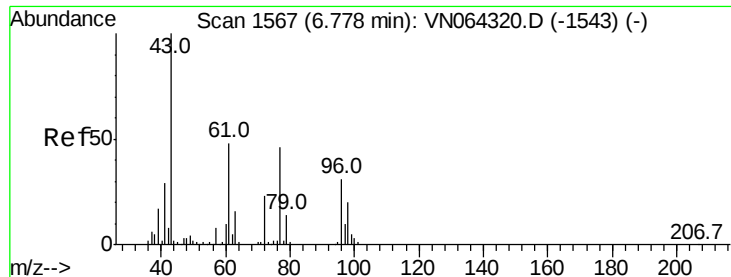
97 20.8 10.2 30.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 52.320 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

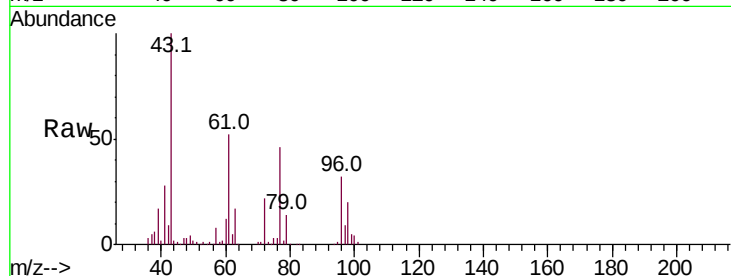
Tot Ion: 96 Resp: 151492

Ion Ratio Lower Upper

96 100

61 163.1 0.0 325.0

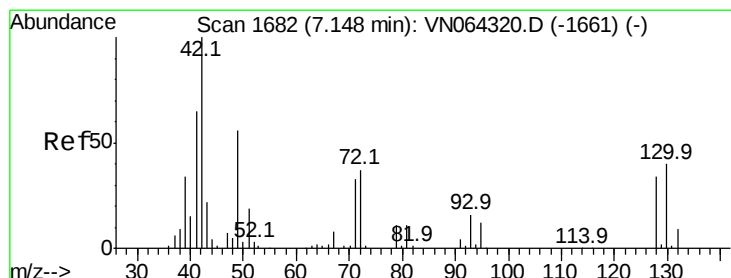
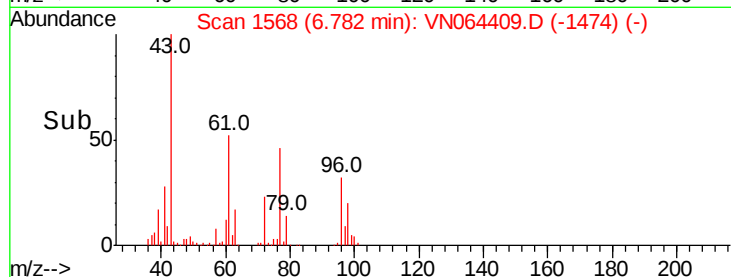
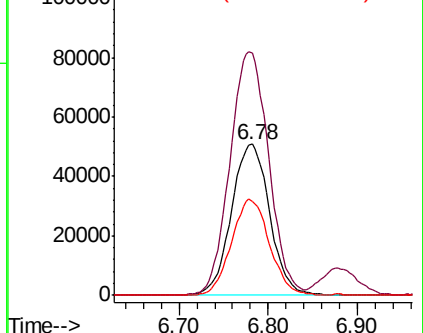
98 63.2 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN064409.D (-1543) (-)

Ion 60.90 (60.60 to 61.60): VN064409.D (-1543) (-)

Ion 97.90 (97.60 to 98.60): VN064409.D (-1543) (-)



#28

Bromochloromethane

Concen: 49.234 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

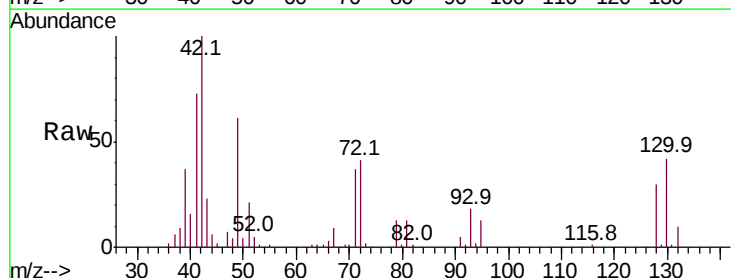
Tgt Ion: 49 Resp: 118814

Ion Ratio Lower Upper

49 100

129 0.5 0.0 2.8

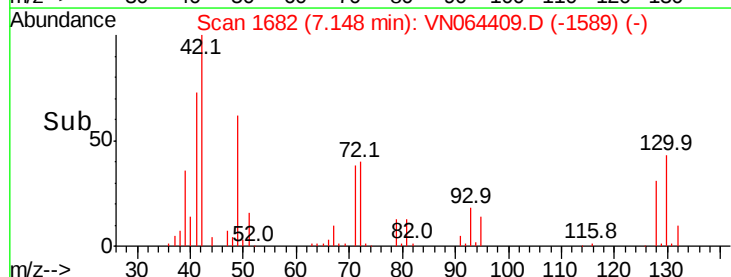
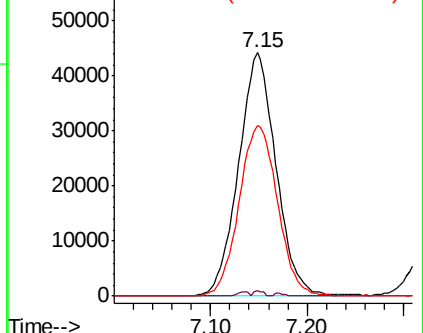
130 72.0 56.2 84.2

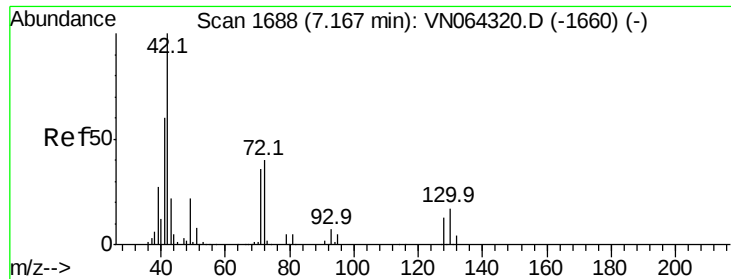


Abundance Ion 48.90 (48.60 to 49.60): VN064409.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064409.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064409.D (-1589) (-)

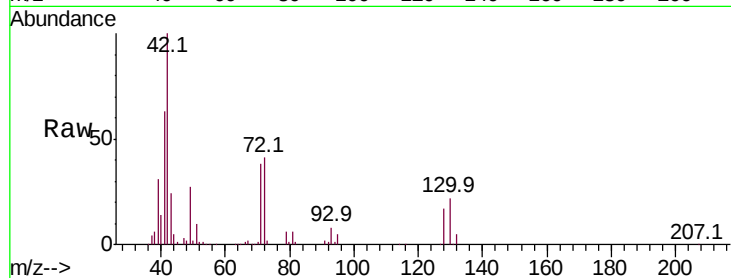




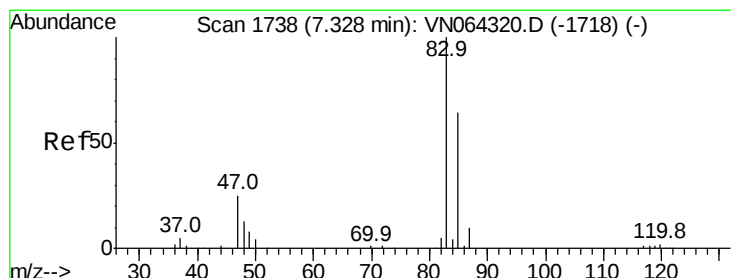
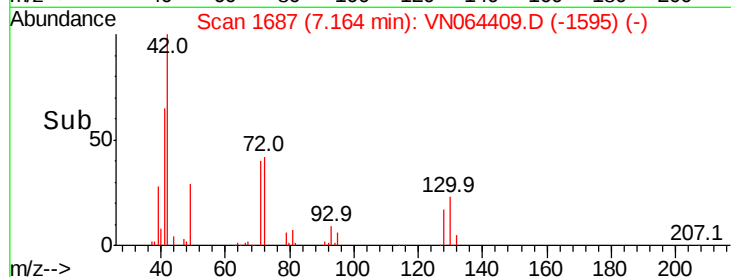
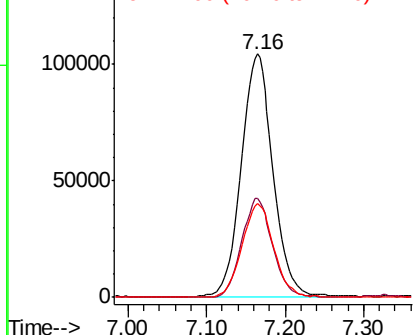
#29
Tetrahydrofuran
Concen: 237.549 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 295391
Ion Ratio Lower Upper
42 100
72 39.6 31.6 47.4
71 38.6 29.4 44.0

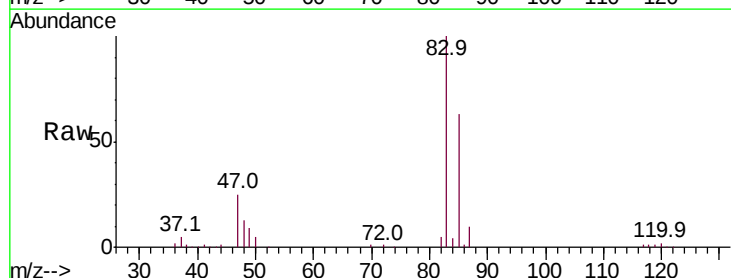


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

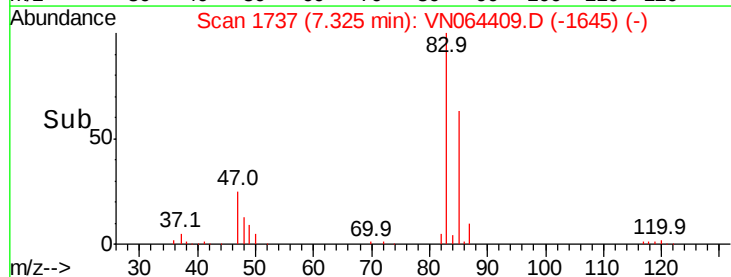
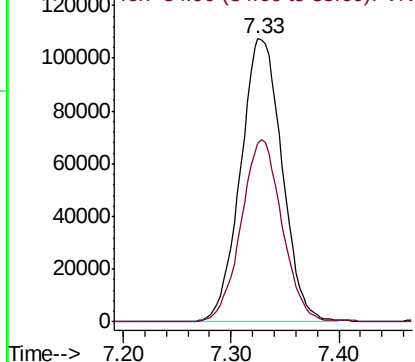


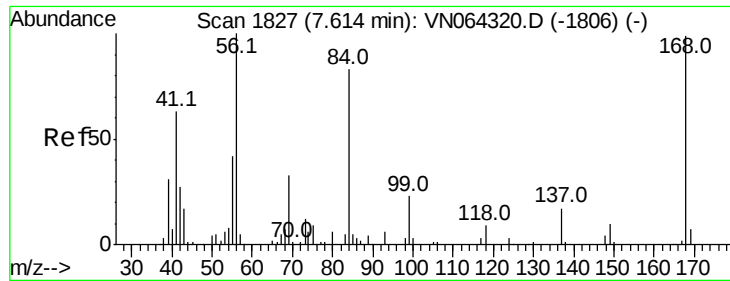
#30
Chloroform
Concen: 53.160 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

Tgt Ion: 83 Resp: 287410
Ion Ratio Lower Upper
83 100
85 63.1 51.1 76.7



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

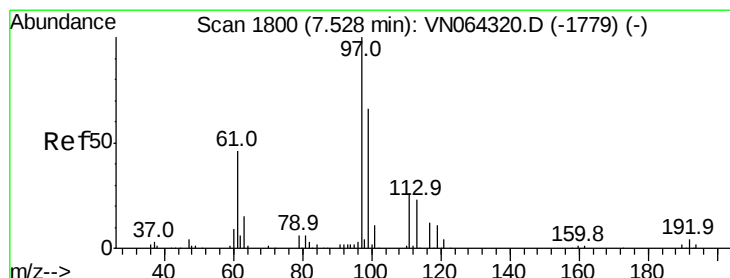
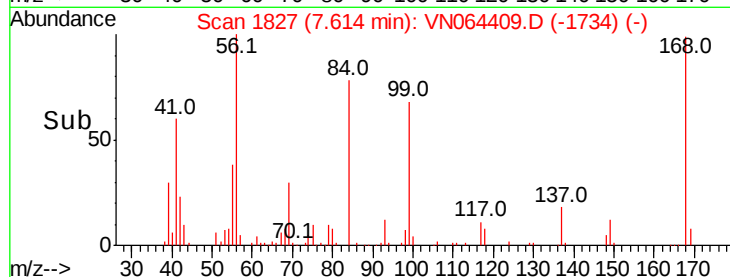
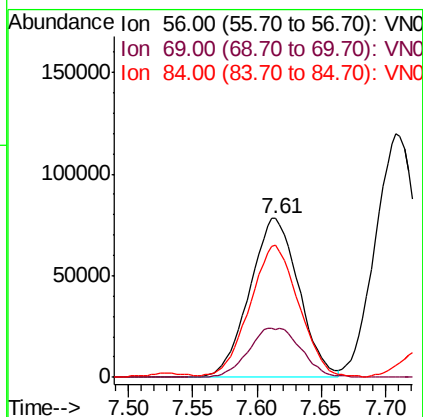
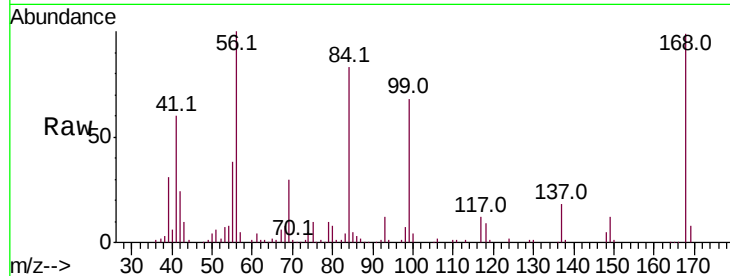




#31
Cyclohexane
Concen: 47.015 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

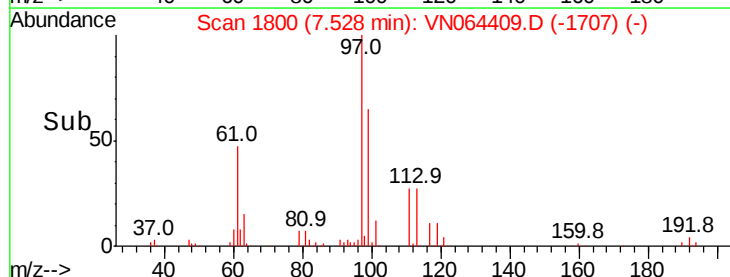
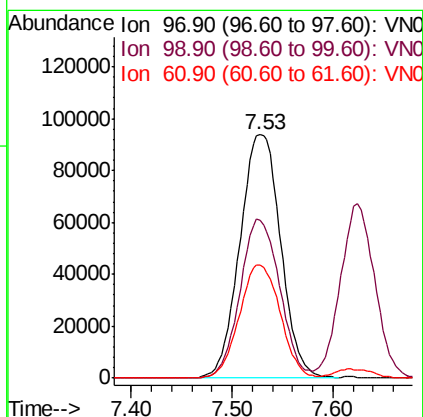
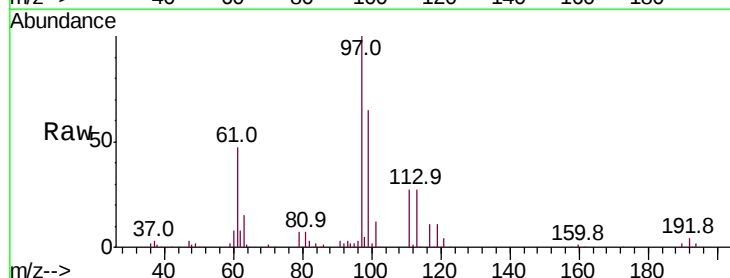
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

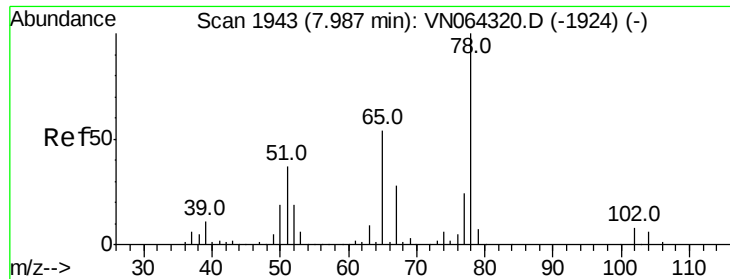
Tot Ion: 56 Resp: 208158
Ion Ratio Lower Upper
56 100
69 30.4 25.8 38.8
84 81.5 66.3 99.5



#32
1,1,1-Trichloroethane
Concen: 50.688 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

Tgt Ion: 97 Resp: 263154
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 46.7 35.8 53.6

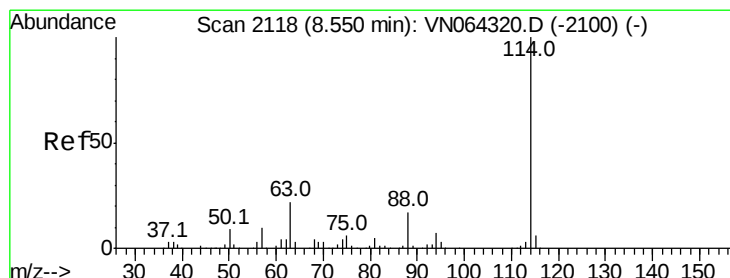
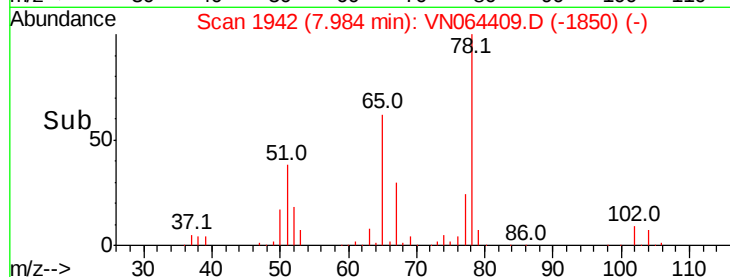
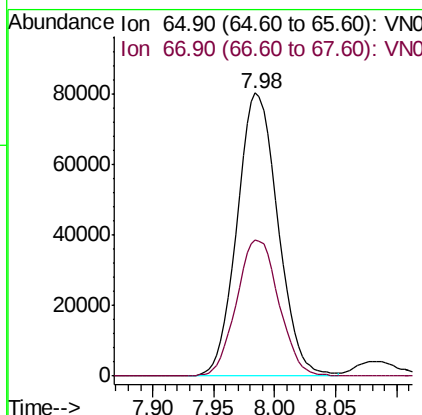
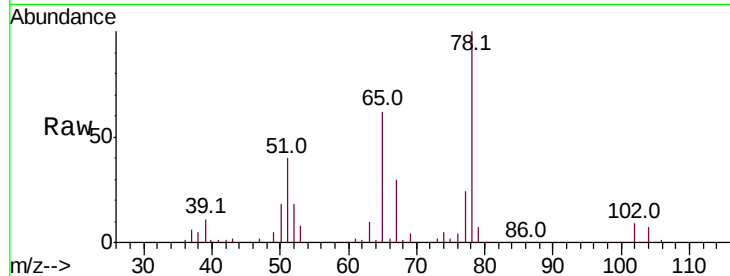




#33
 1,2-Dichloroethane-d4
 Concen: 48.823 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

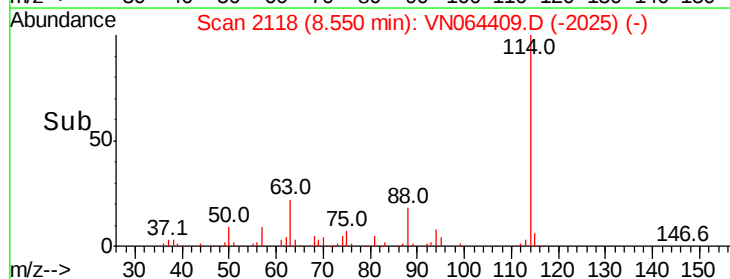
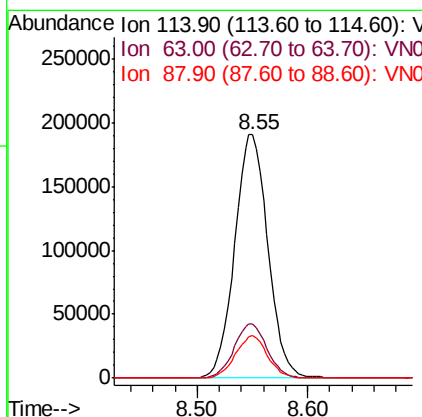
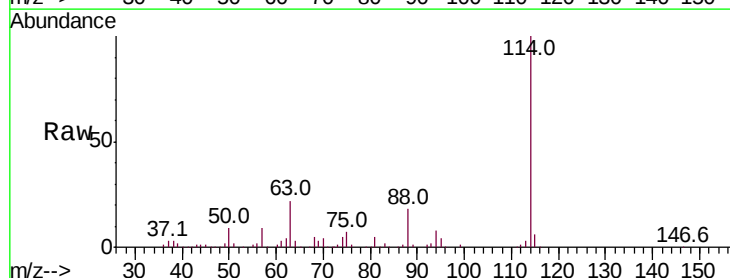
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

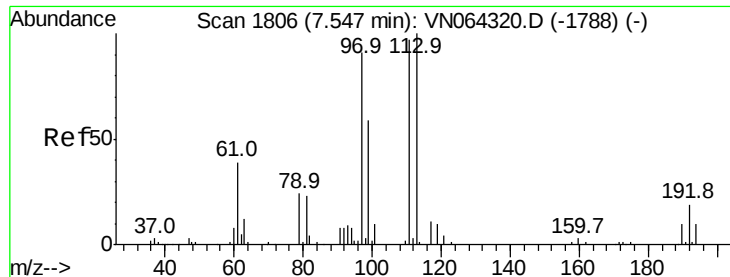
Tot Ion: 65 Resp: 186252
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 99.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

Tgt Ion: 114 Resp: 397593
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.6
 88 17.7 0.0 33.4

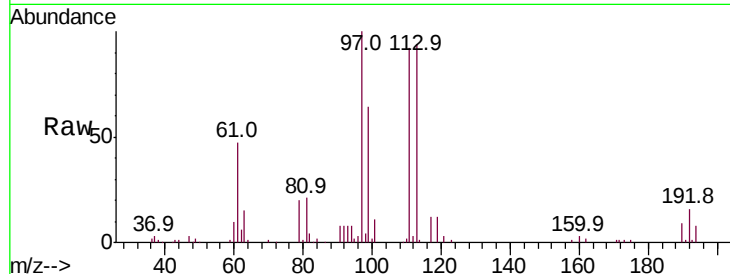




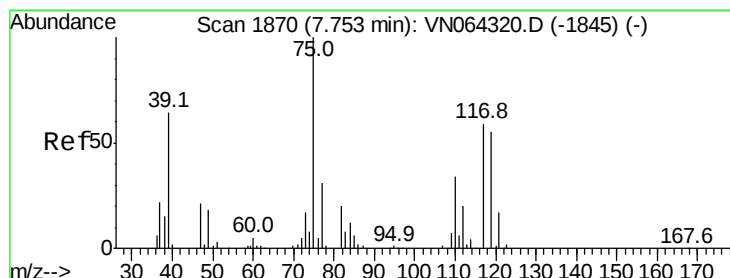
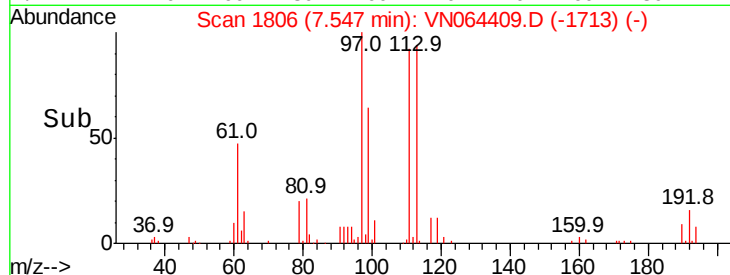
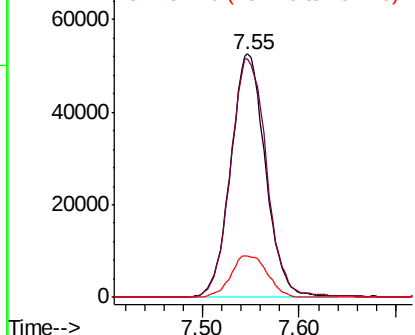
#35
 Dibromofluoromethane
 Concen: 49.585 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 131471
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.5 122.3
 192 17.9 15.0 22.4

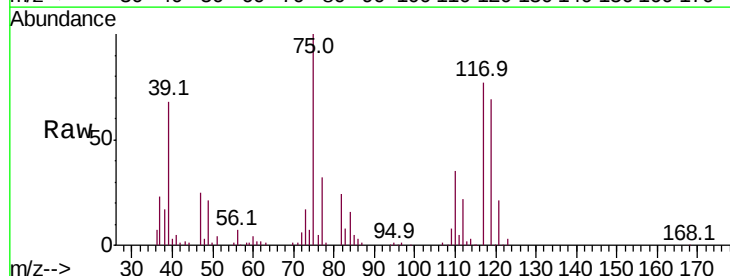


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

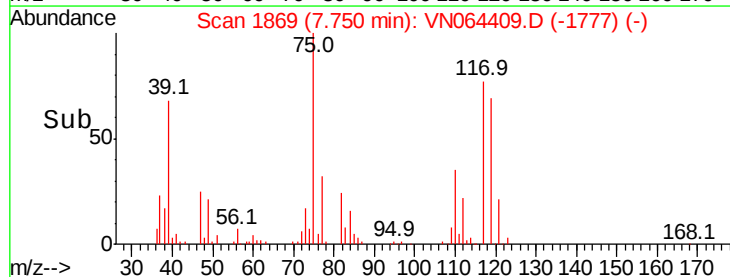
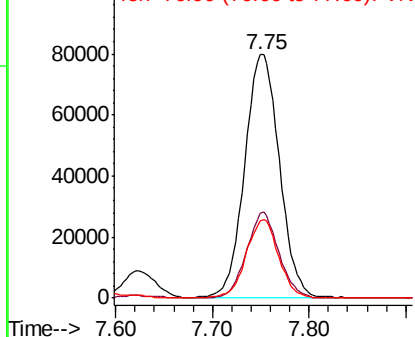


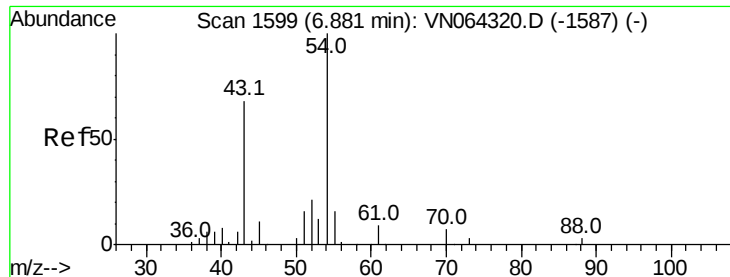
#36
 1,1-Dichloropropene
 Concen: 49.512 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

Tgt Ion: 75 Resp: 198673
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.8 50.3
 77 30.5 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

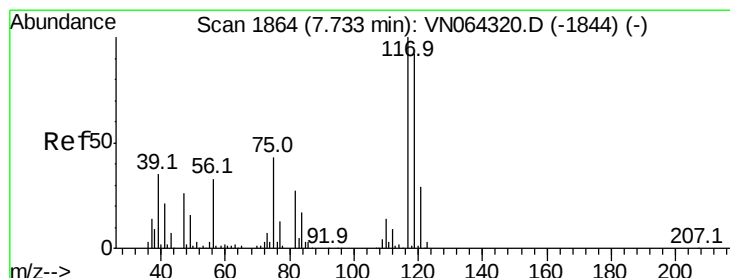
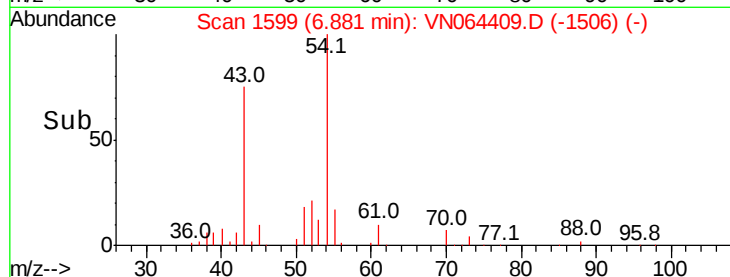
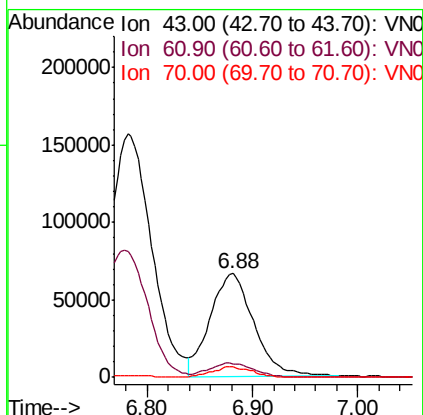
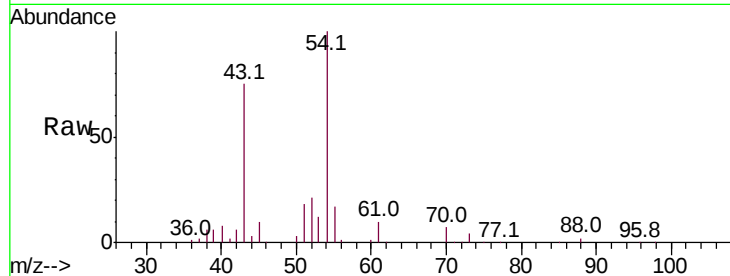




#37
Ethyl Acetate
Concen: 47.052 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

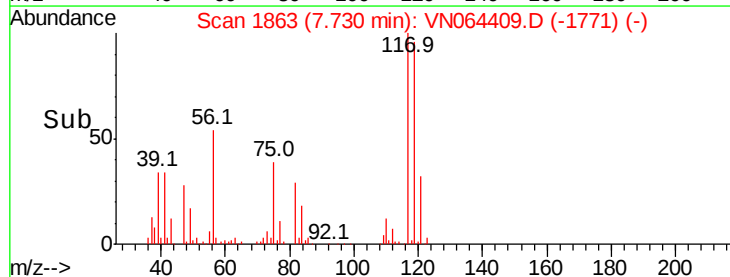
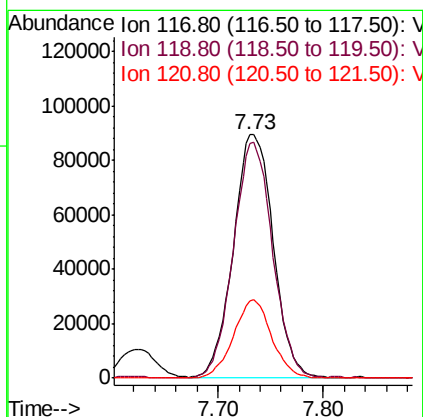
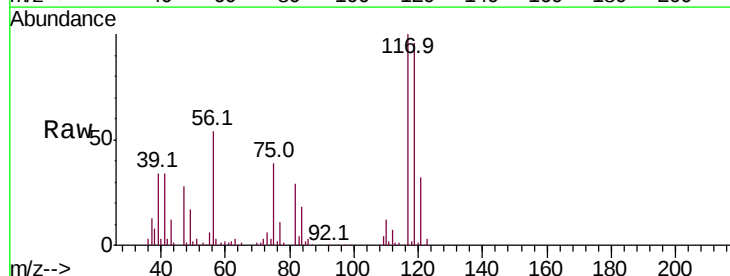
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

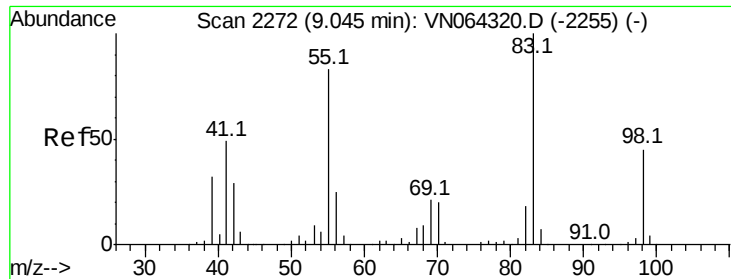
Tot Ion: 43 Resp: 190708
Ion Ratio Lower Upper
43 100
61 13.5 10.0 15.0
70 9.2 7.1 10.7



#38
Carbon Tetrachloride
Concen: 50.470 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

Tgt Ion: 117 Resp: 234786
Ion Ratio Lower Upper
117 100
119 96.7 73.7 110.5
121 31.7 22.8 34.2

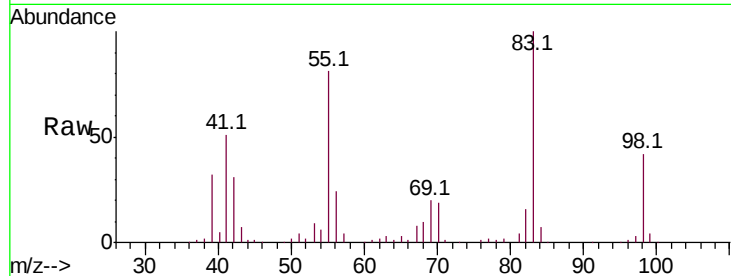




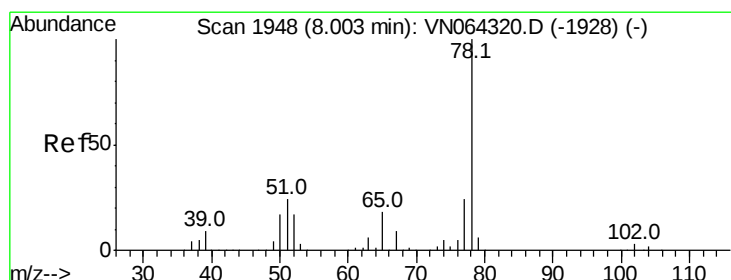
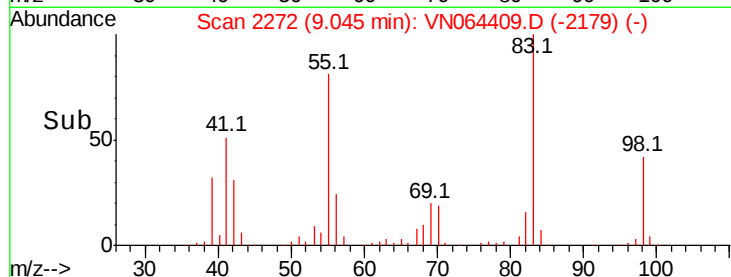
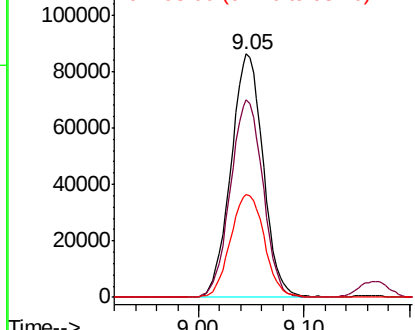
#39
Methvlcvclohexane
Concen: 45.816 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 182288
Ion Ratio Lower Upper
83 100
55 81.3 66.2 99.4
98 42.1 36.0 54.0

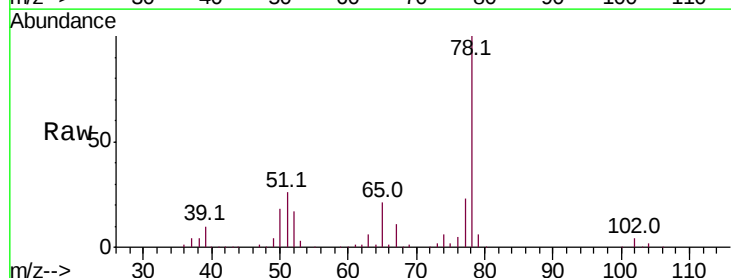


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

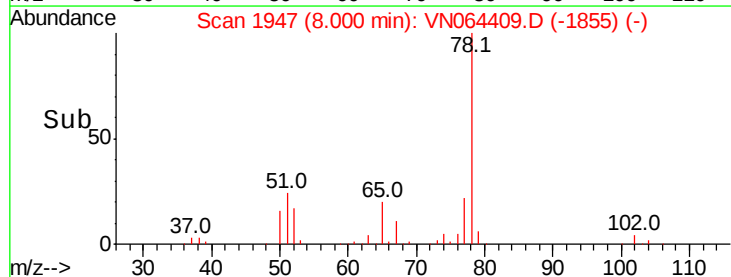
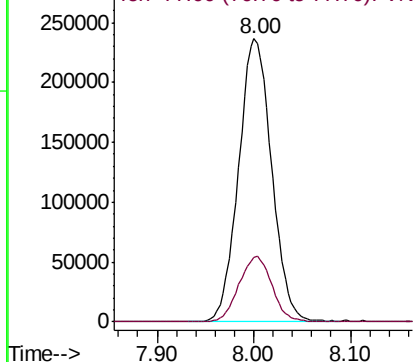


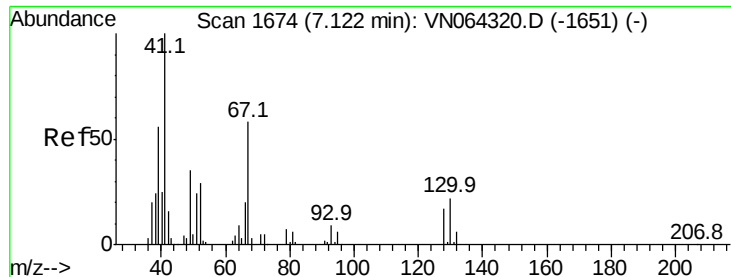
#40
Benzene
Concen: 50.340 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

Tgt Ion: 78 Resp: 562257
Ion Ratio Lower Upper
78 100
77 22.7 18.8 28.2



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

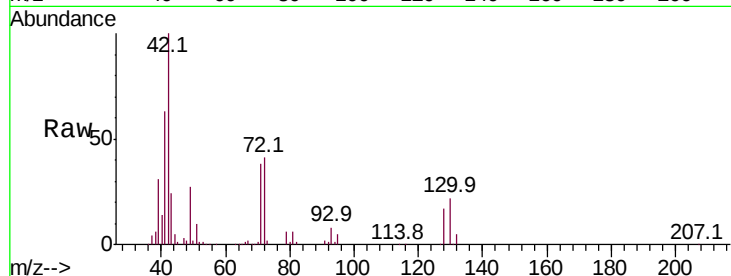




#41
Methacrylonitrile
Concen: 141.649 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.6	72.8#
67	0.0	61.4	92.2#
52	0.0	27.6	41.4#



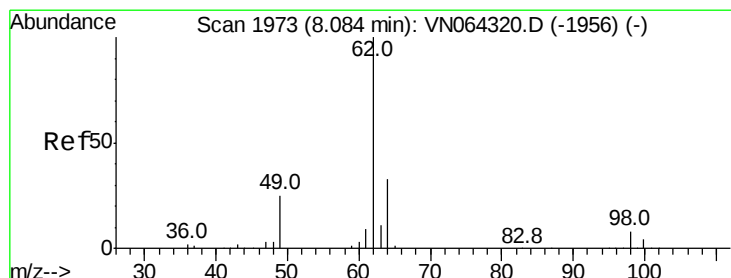
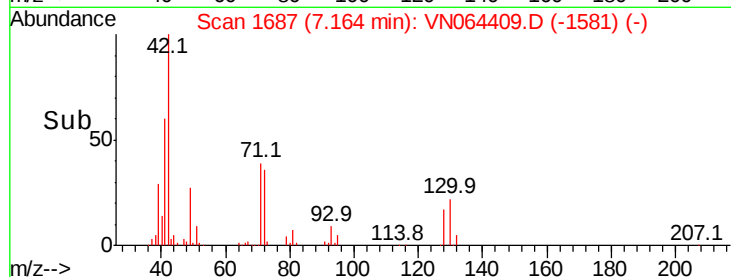
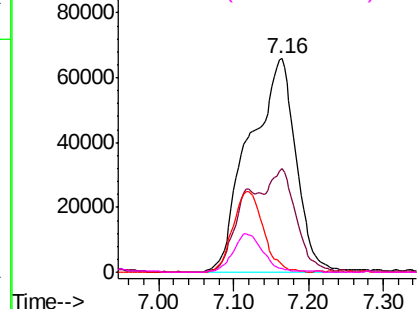
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

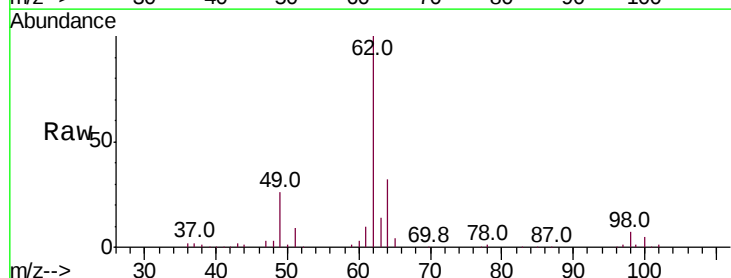
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42
1,2-Dichloroethane
Concen: 51.350 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

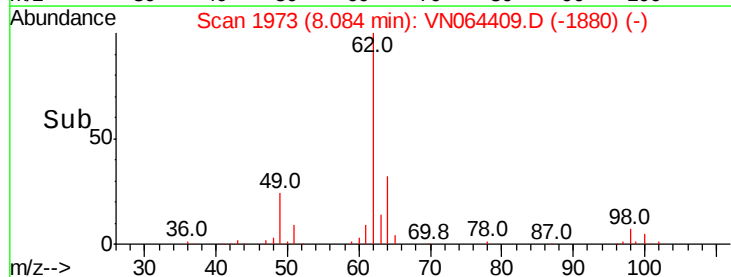
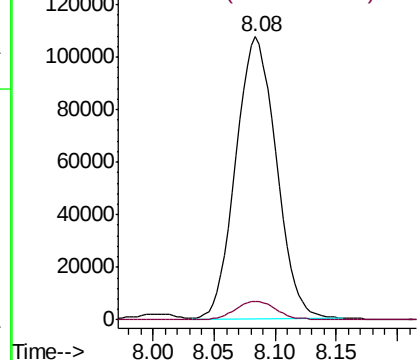
Tgt Ion	Ratio	Lower	Upper
62	100		
98	6.8	0.0	14.2

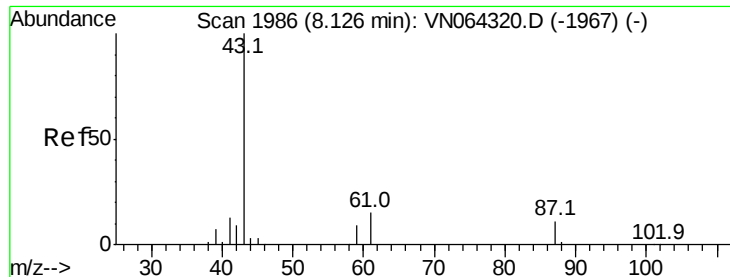


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 50.762 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

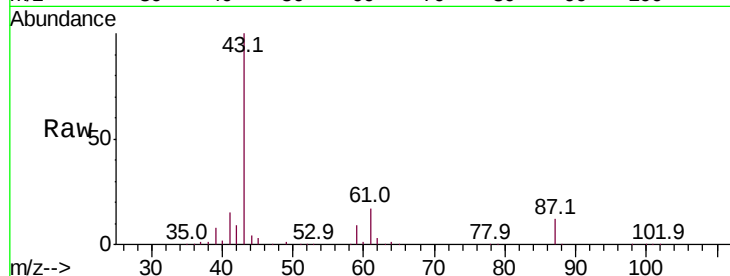
Tot Ion: 43 Resp: 351704

Ion Ratio Lower Upper

43 100

61 22.8 19.1 28.7

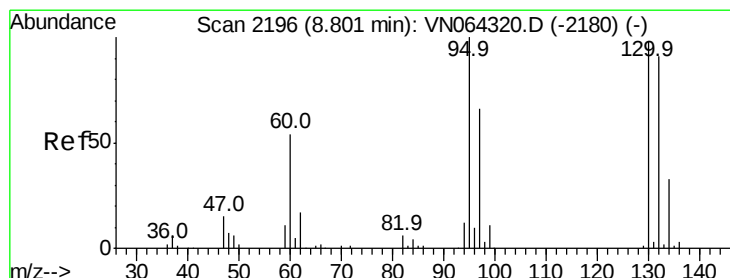
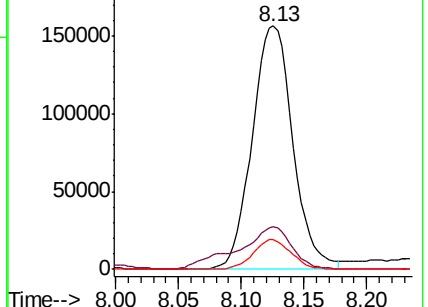
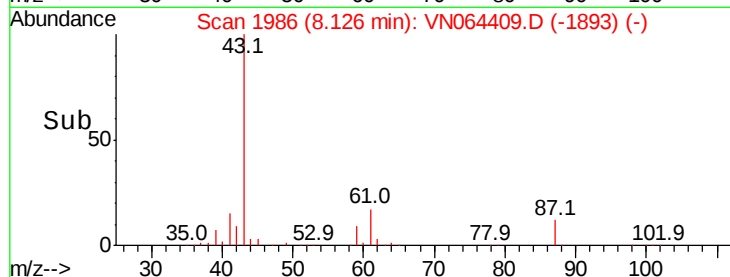
87 11.6 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VN064409.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064409.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064409.D (-1893) (-)



#44

Trichloroethene

Concen: 51.173 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064409.D

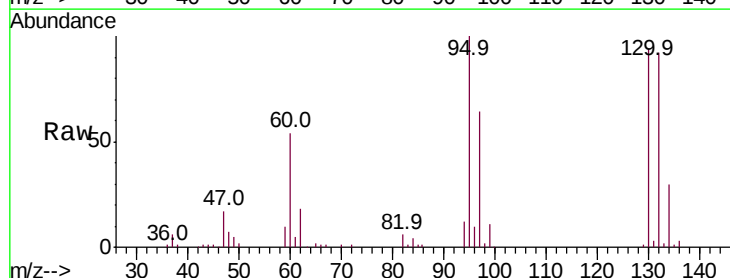
Acq: 30 Oct 2020 18:50

Tgt Ion:130 Resp: 149729

Ion Ratio Lower Upper

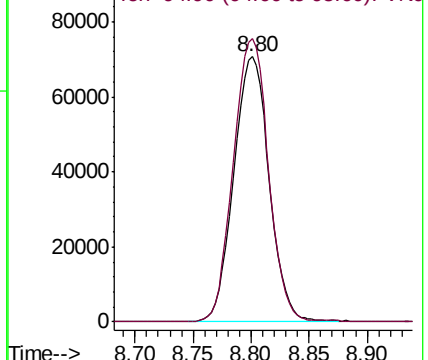
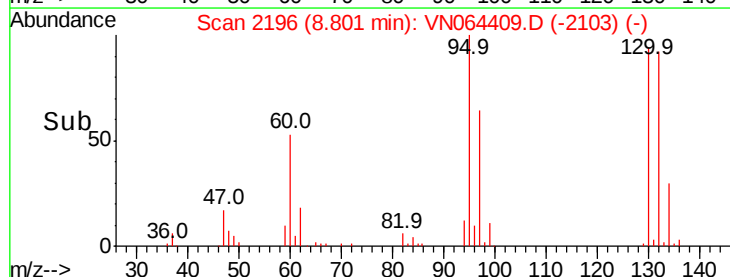
130 100

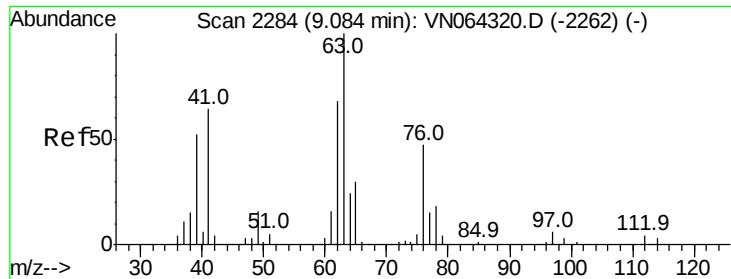
95 106.7 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): VN064409.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064409.D (-2103) (-)

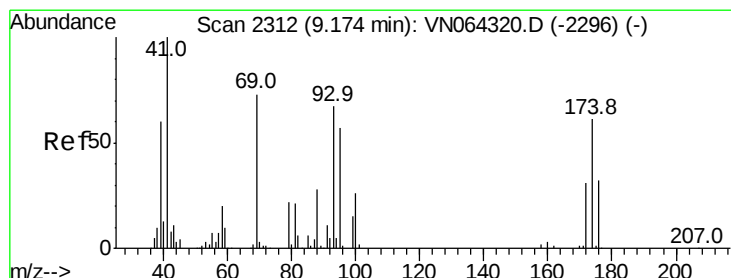
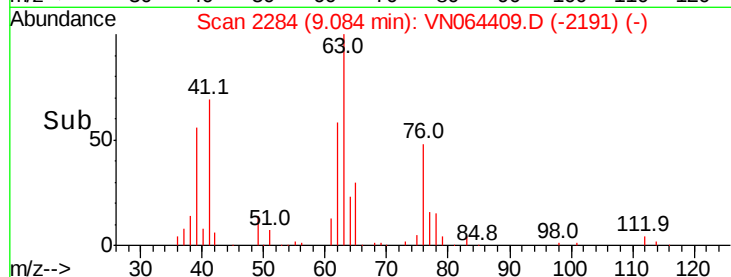
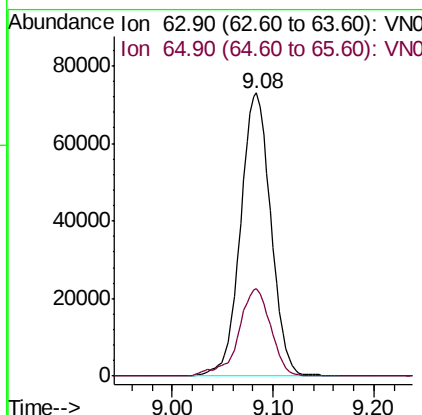
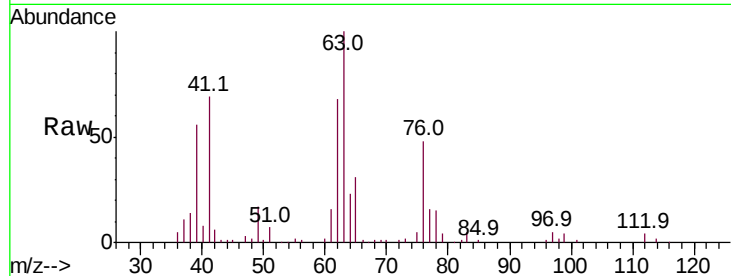




#45
 1,2-Dichloropropane
 Concen: 50.693 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

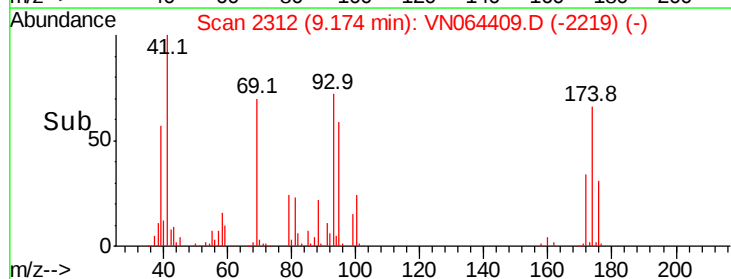
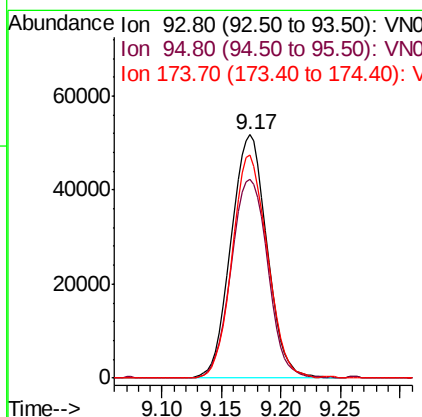
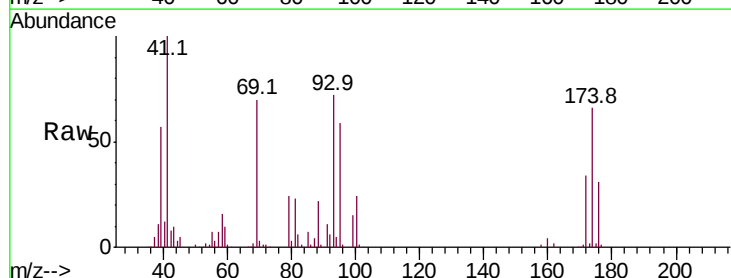
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

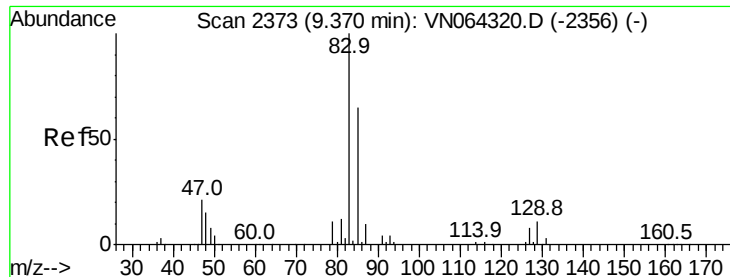
Tot Ion: 63 Resp: 151620
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.3 36.5



#46
 Dibromomethane
 Concen: 51.821 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

Tgt Ion: 93 Resp: 108430
 Ion Ratio Lower Upper
 93 100
 95 83.3 64.4 96.6
 174 89.9 71.4 107.0





#47

Bromodichloromethane

Concen: 50.234 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

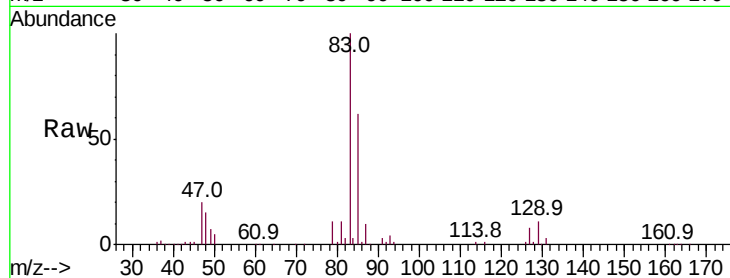
Tot Ion: 83 Resp: 232942

Ion Ratio Lower Upper

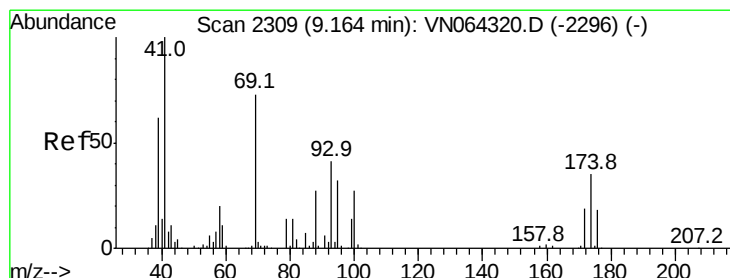
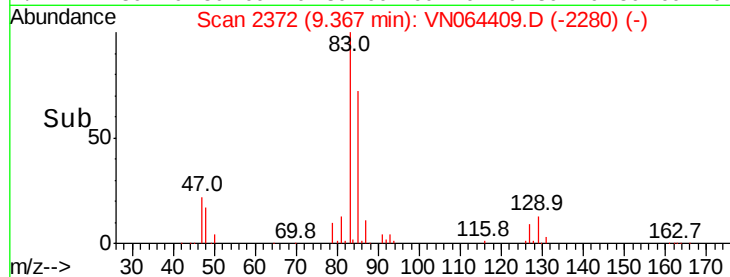
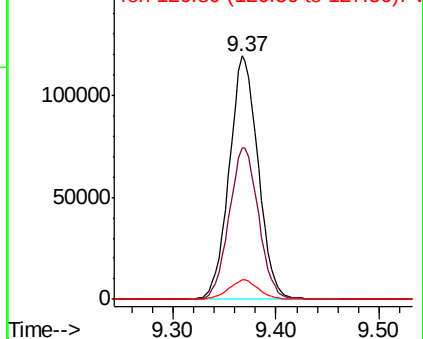
83 100

85 62.0 52.1 78.1

127 7.8 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 47.739 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

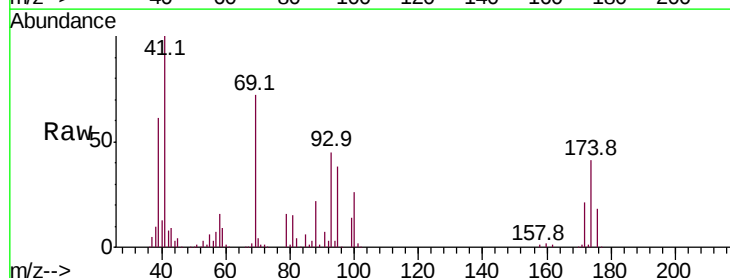
Tgt Ion: 41 Resp: 170654

Ion Ratio Lower Upper

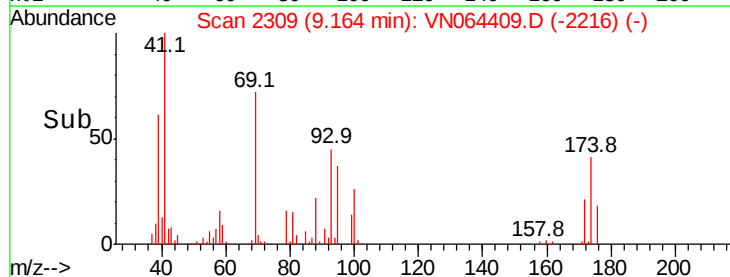
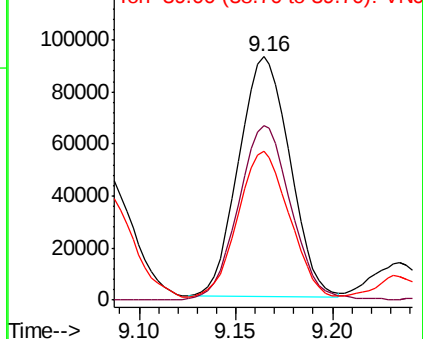
41 100

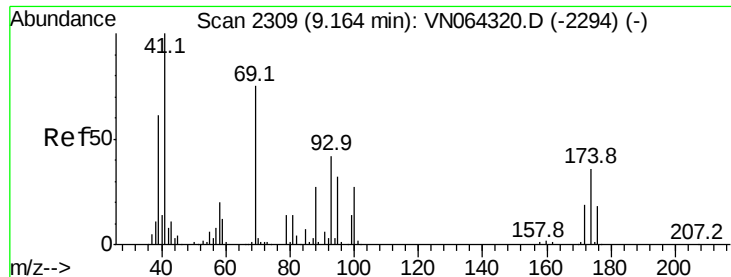
69 74.6 59.1 88.7

39 62.4 51.3 76.9



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

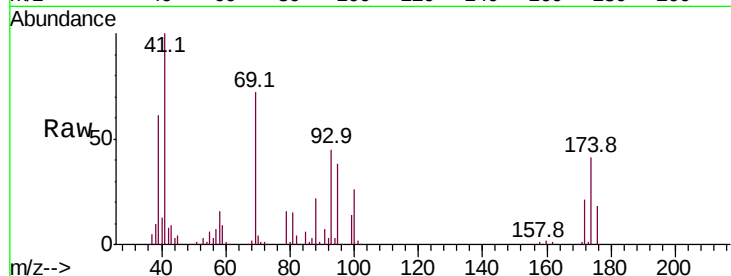




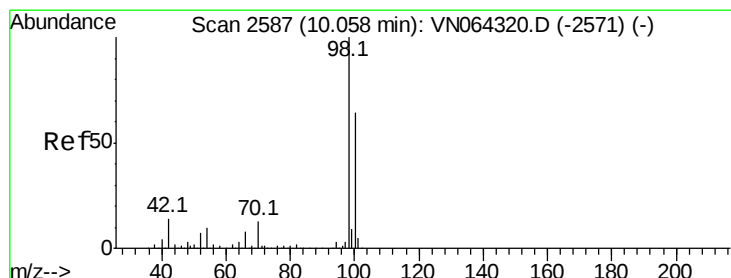
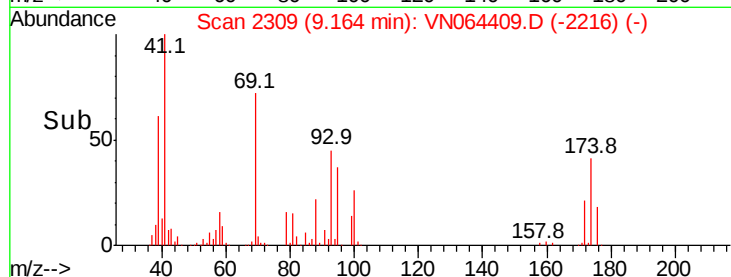
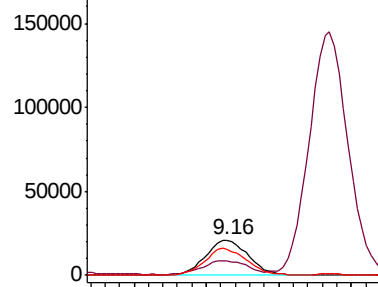
#49
 1,4-Dioxane
 Concen: 819.322 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 43169
 Ion Ratio Lower Upper
 88 100
 43 40.2 31.8 47.8
 58 75.1 60.3 90.5

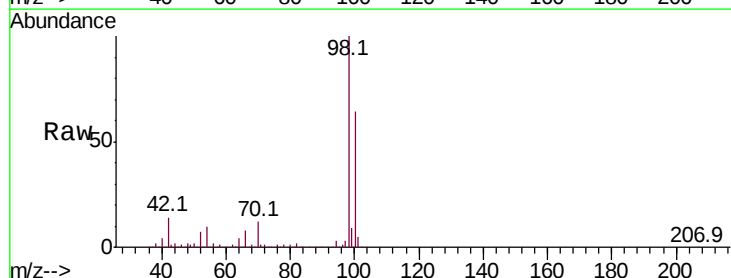


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

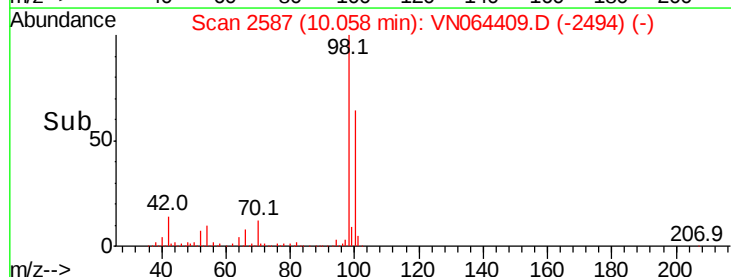
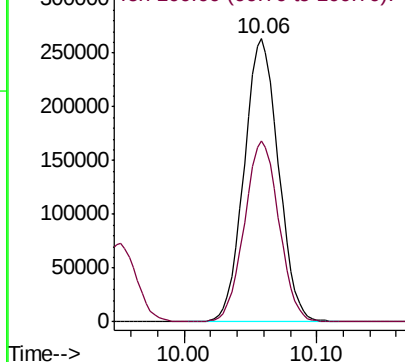


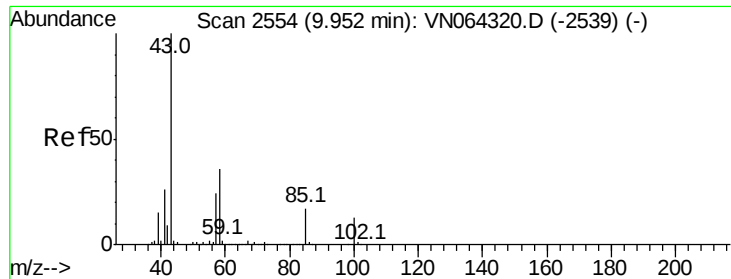
#50
 Toluene-d8
 Concen: 48.358 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

Tgt Ion: 98 Resp: 474267
 Ion Ratio Lower Upper
 98 100
 100 64.0 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 247.576 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

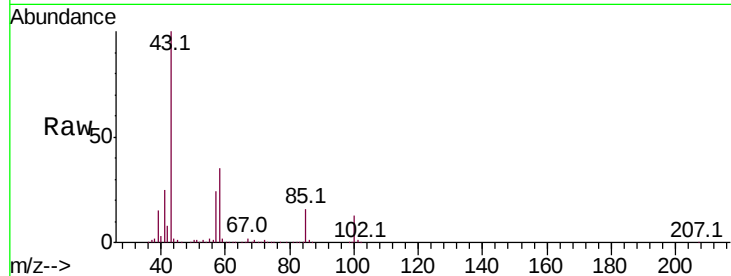
VSTDCCC050EC

Tot Ion: 43 Resp: 997104

Ion Ratio Lower Upper

43 100

58 35.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-2539) (-)

Ion 58.00 (57.70 to 58.70): VN064320.D (-2539) (-)

9.95

600000

500000

400000

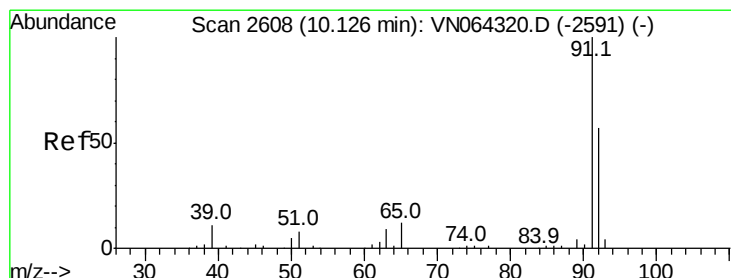
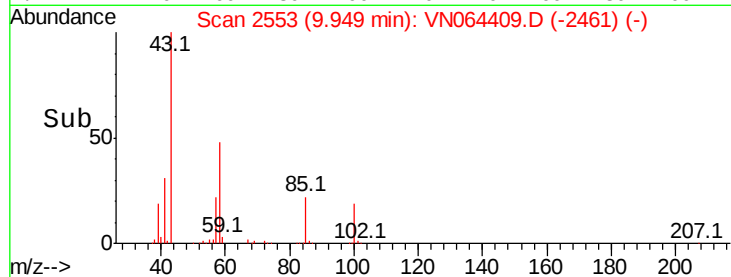
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.830 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064409.D

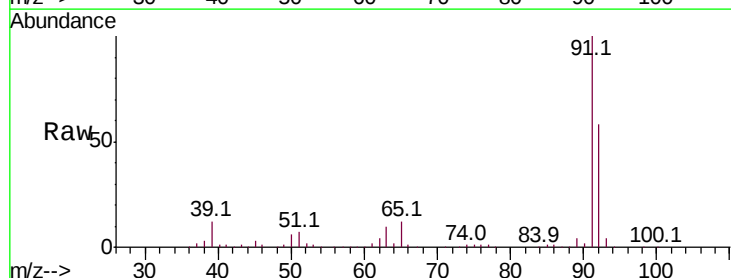
Acq: 30 Oct 2020 18:50

Tgt Ion: 92 Resp: 358250

Ion Ratio Lower Upper

92 100

91 173.1 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN064320.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN064320.D (-2591) (-)

10.12

400000

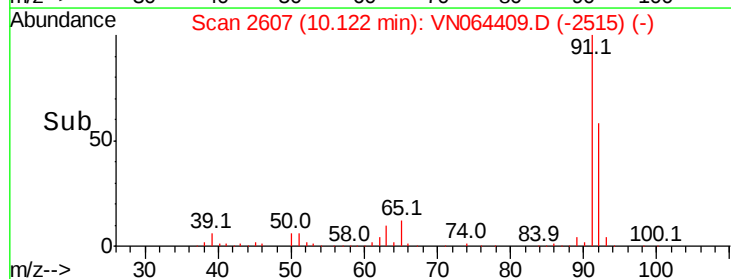
300000

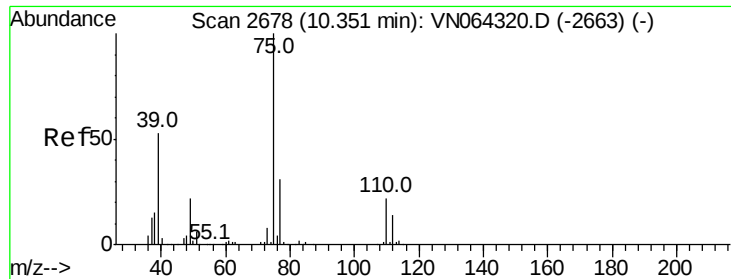
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.936 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

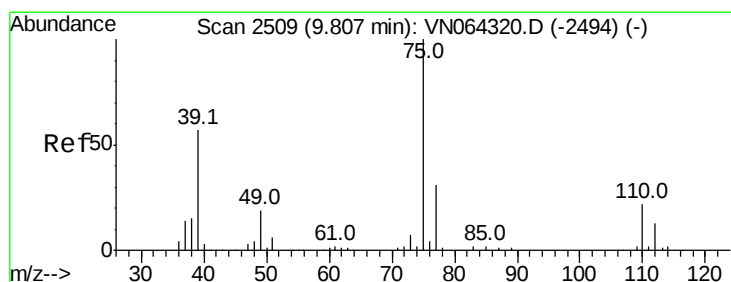
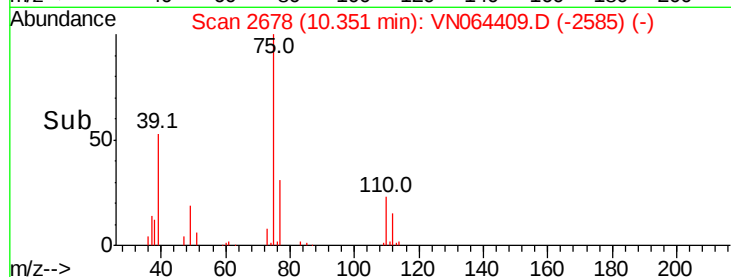
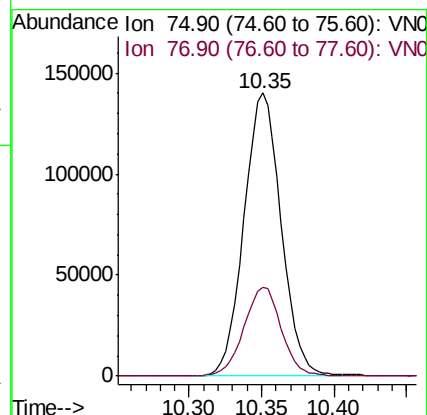
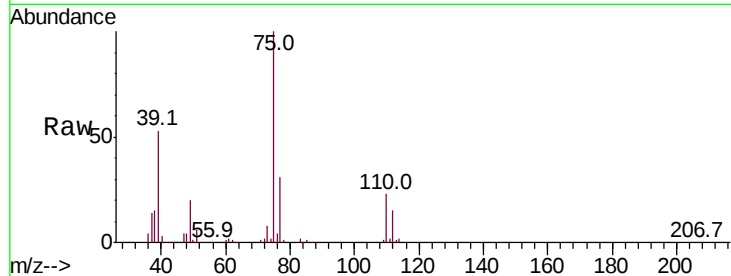
VSTDCCC050EC

Tot Ion: 75 Resp: 249744

Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 51.415 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

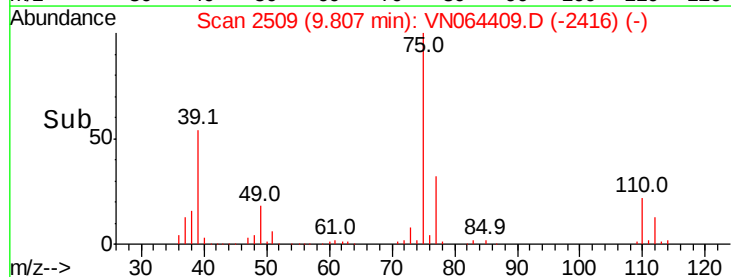
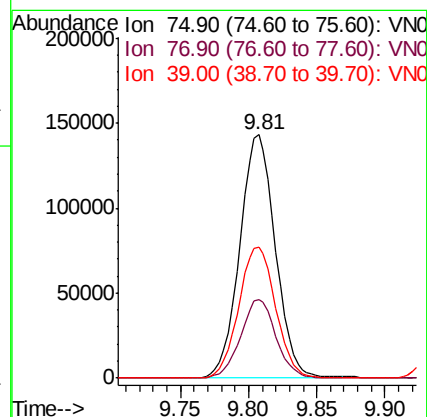
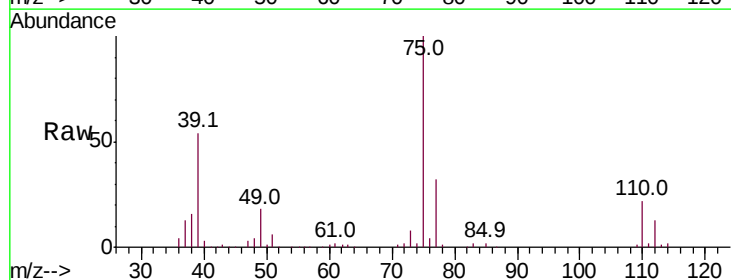
Tgt Ion: 75 Resp: 259502

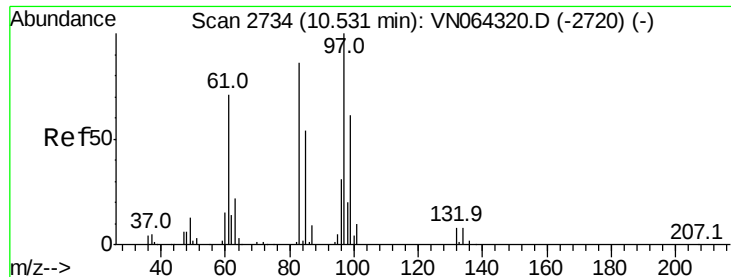
Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.4

39 54.0 45.5 68.3

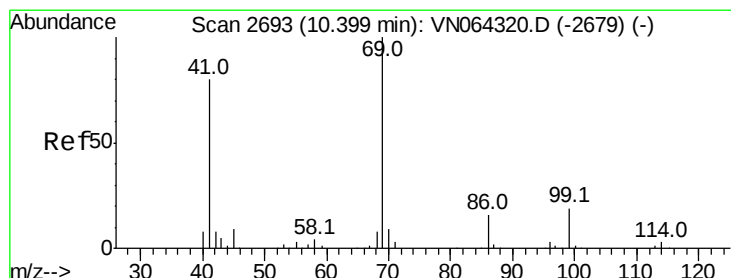
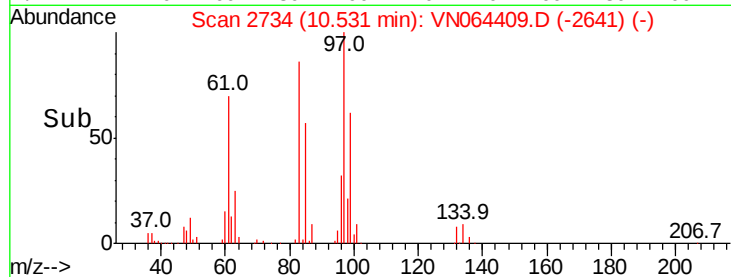
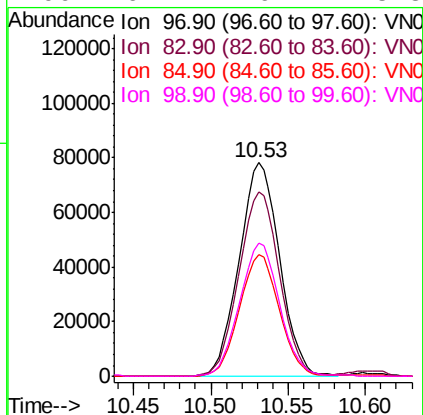
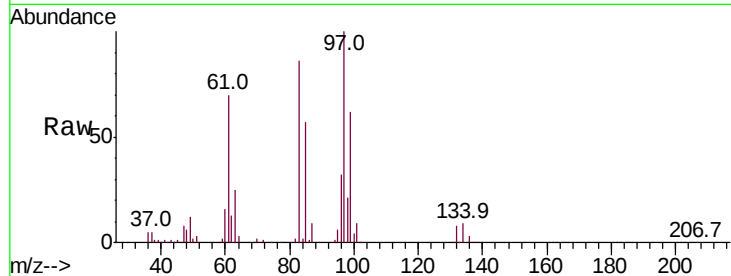




#55
 1,1,2-Trichloroethane
 Concen: 51.238 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

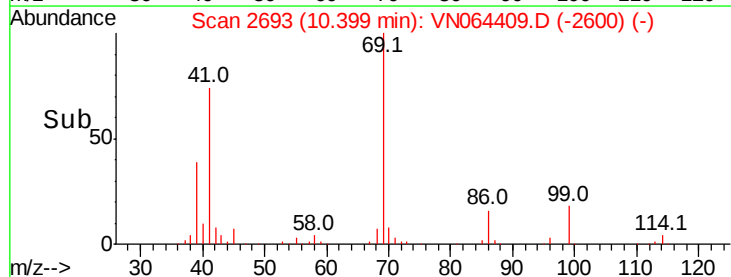
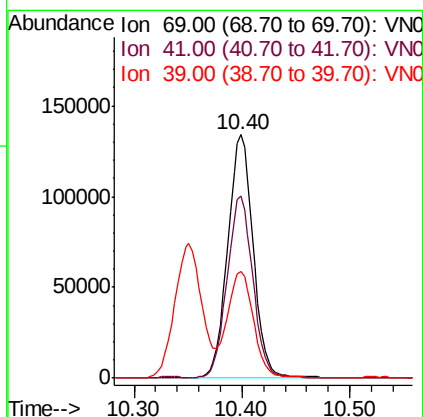
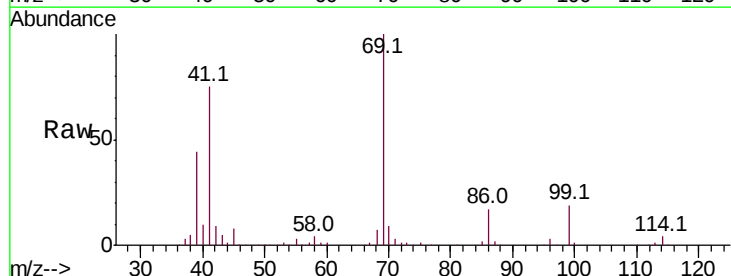
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

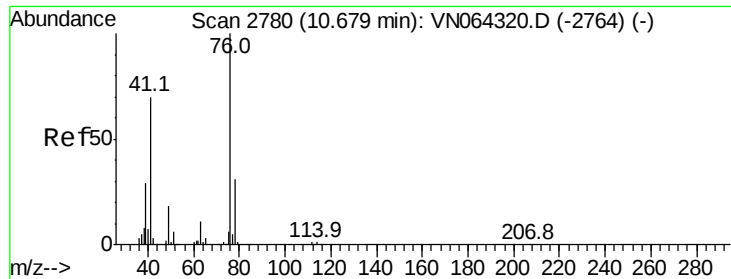
Tot Ion:	97	Resp:	142550
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.9	103.3
85	56.9	43.6	65.4
99	62.2	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 52.431 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

Tgt Ion:	69	Resp:	220809
Ion	Ratio	Lower	Upper
69	100		
41	74.9	61.4	92.2
39	43.9	36.5	54.7





#57

1,3-Dichloropropane

Concen: 52.232 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

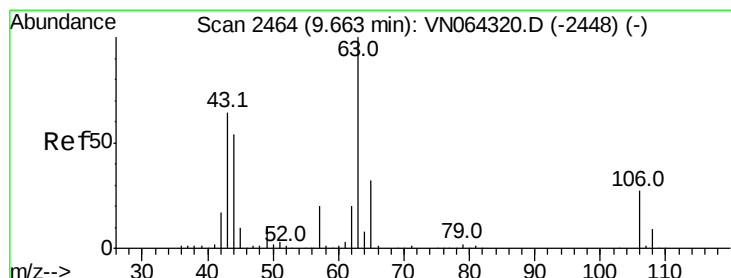
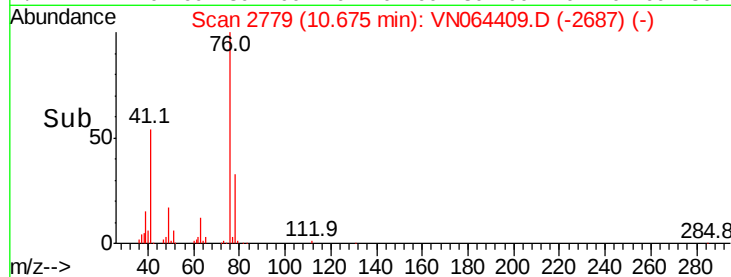
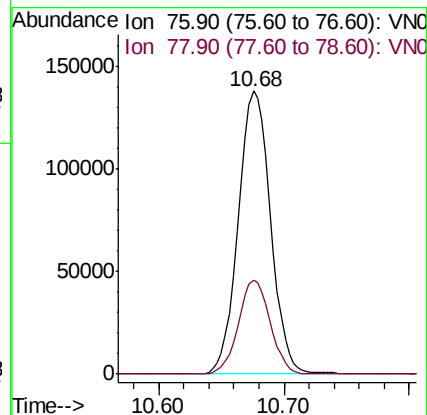
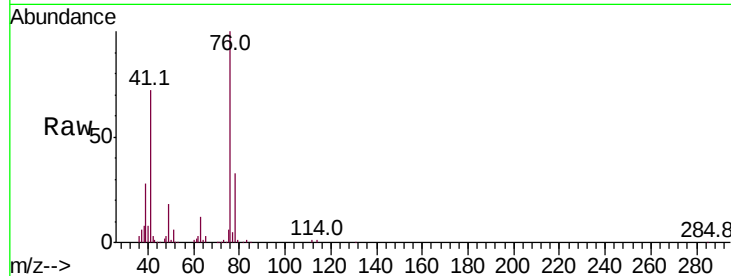
VSTDCCC050EC

Tot Ion: 76 Resp: 247883

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 228.462 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064409.D

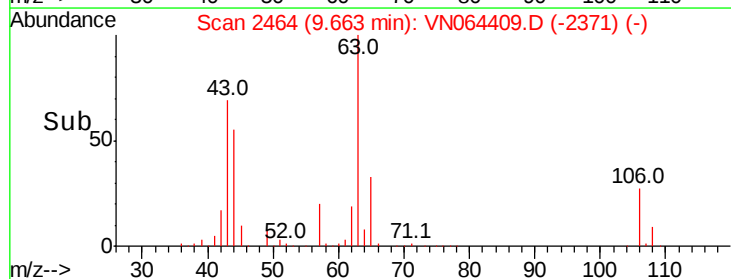
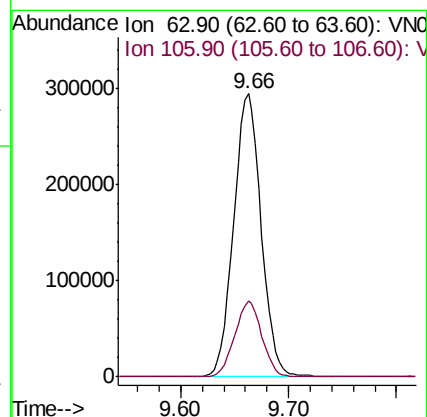
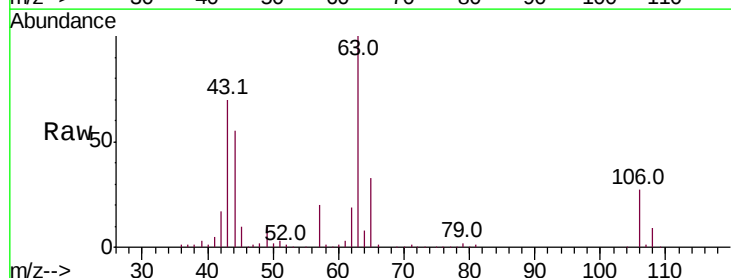
Acq: 30 Oct 2020 18:50

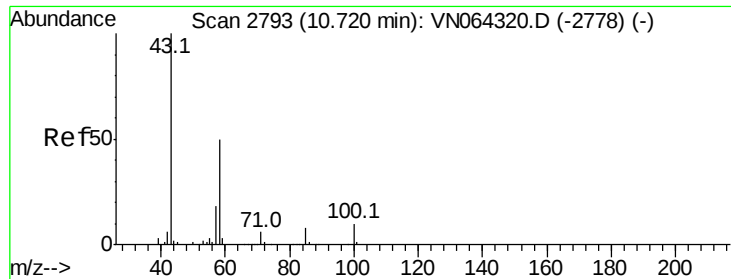
Tgt Ion: 63 Resp: 525038

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.4

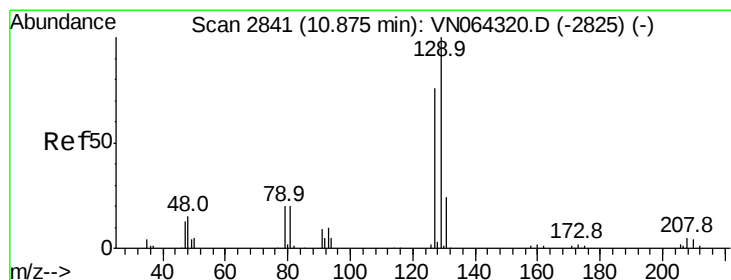
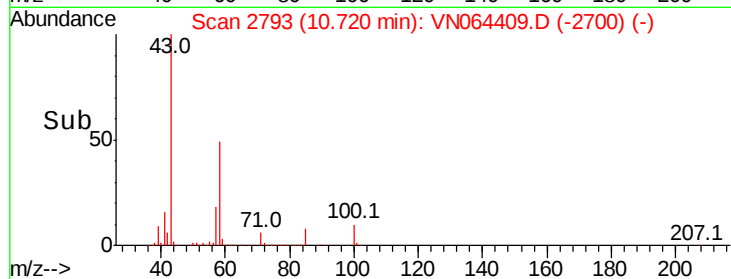
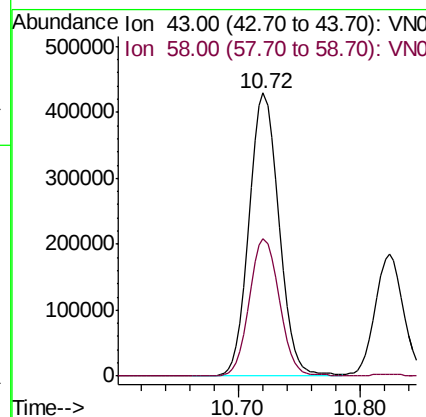
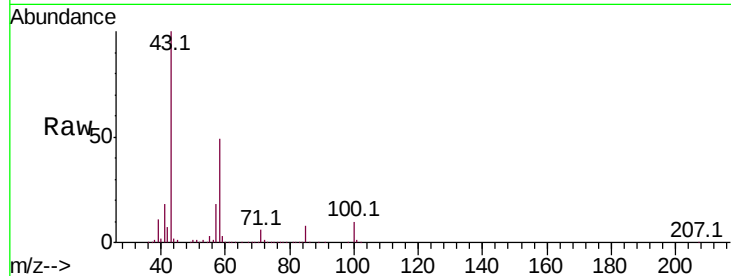




#59
2-Hexanone
Concen: 242.447 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

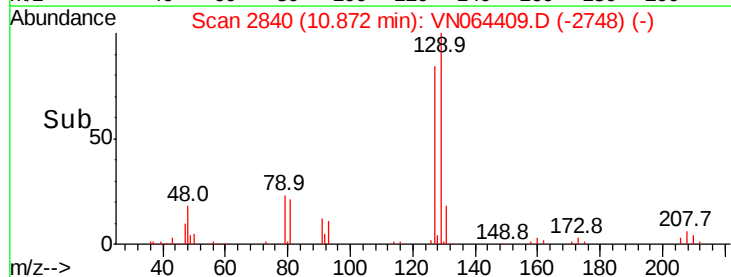
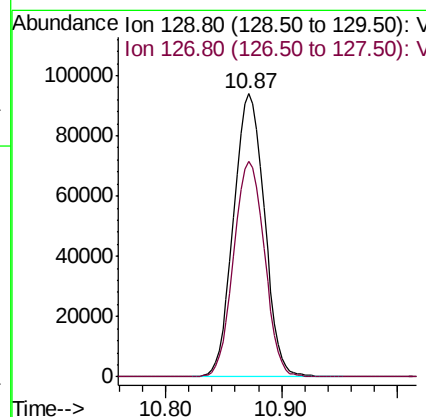
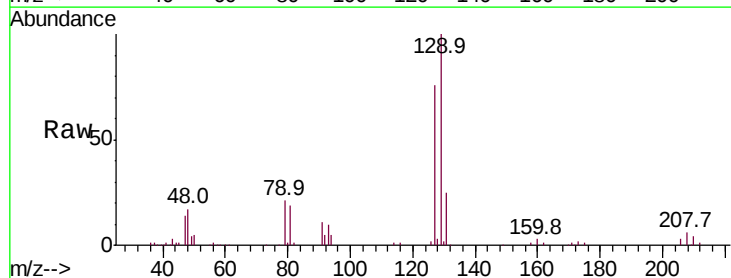
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

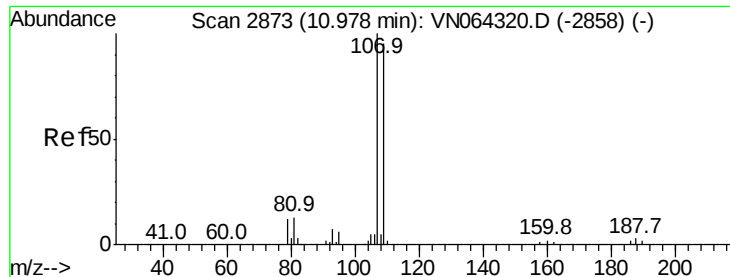
Tot Ion: 43 Resp: 719151
Ion Ratio Lower Upper
43 100
58 49.2 25.0 75.0



#60
Dibromochloromethane
Concen: 52.684 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

Tgt Ion: 129 Resp: 173302
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.3

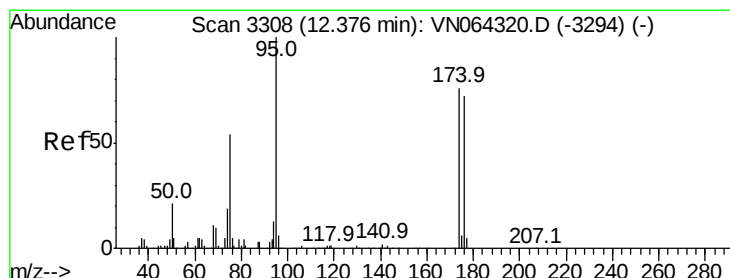
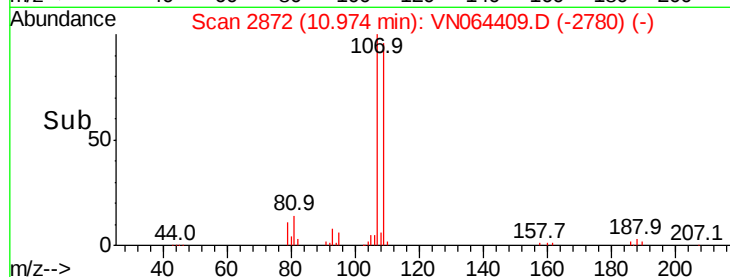
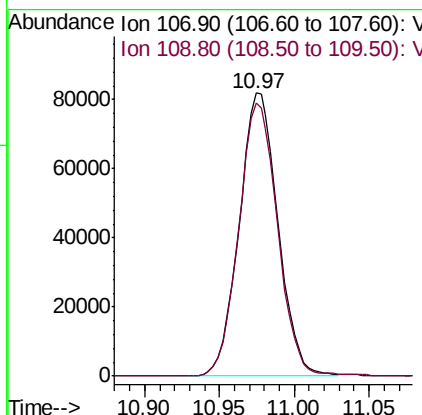
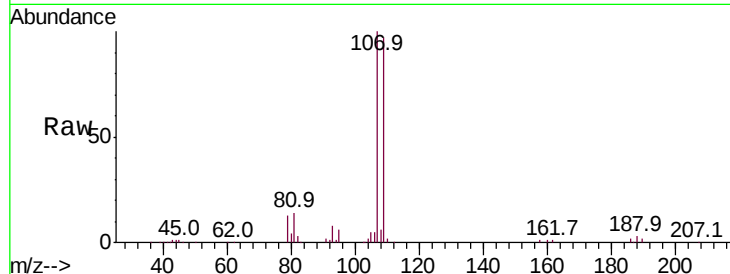




#61
 1,2-Dibromoethane
 Concen: 51.974 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

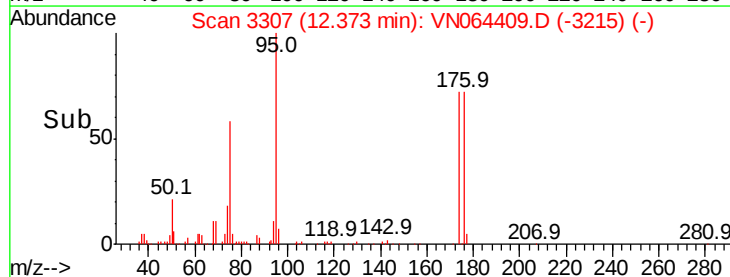
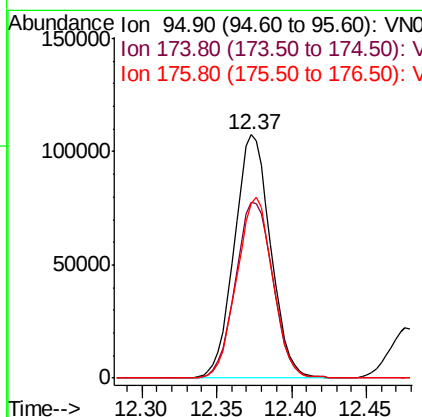
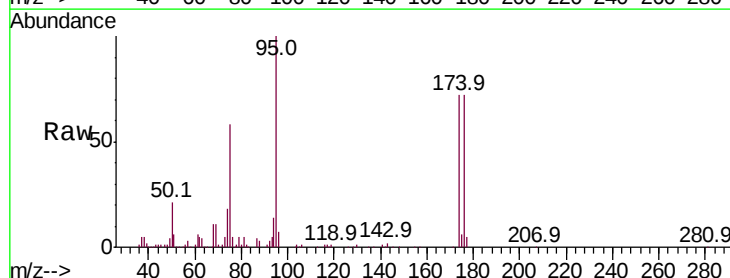
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

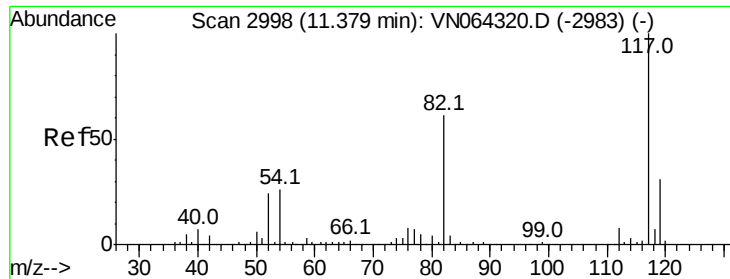
Tot Ion:107 Resp: 147333
 Ion Ratio Lower Upper
 107 100
 109 96.7 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 47.544 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

Tgt Ion: 95 Resp: 181801
 Ion Ratio Lower Upper
 95 100
 174 74.5 0.0 147.4
 176 73.6 0.0 143.6

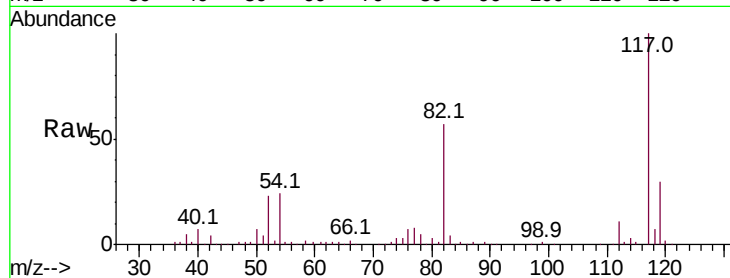




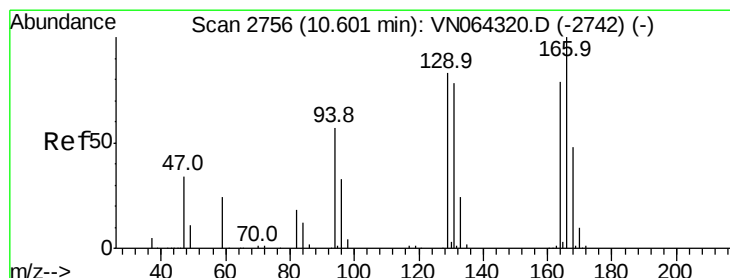
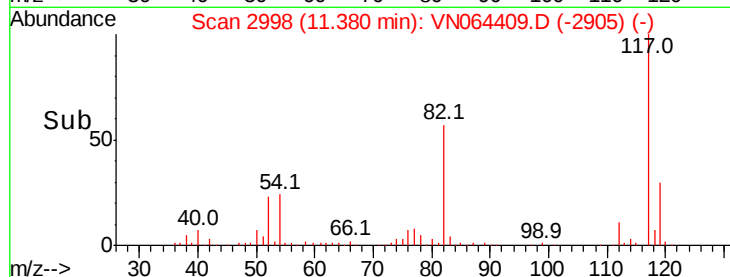
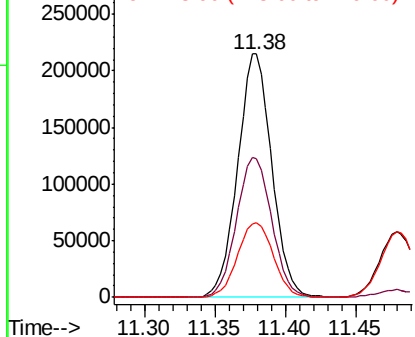
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 364914
Ion Ratio Lower Upper
117 100
82 57.0 48.8 73.2
119 30.5 25.1 37.7

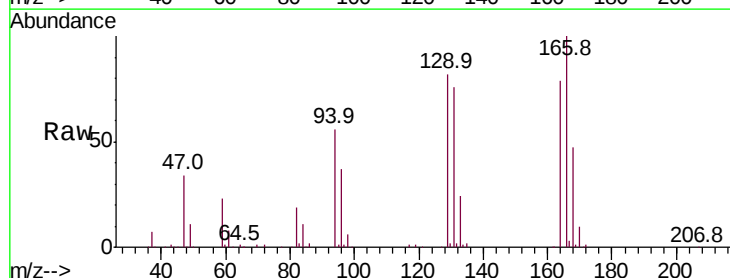


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

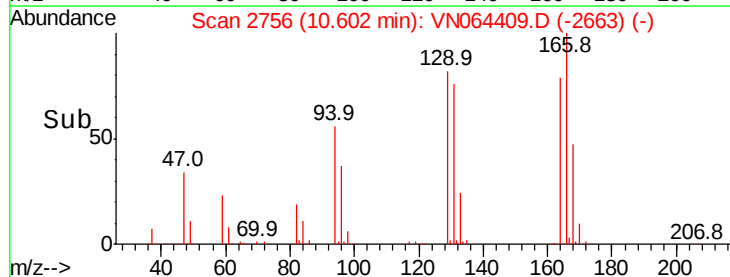
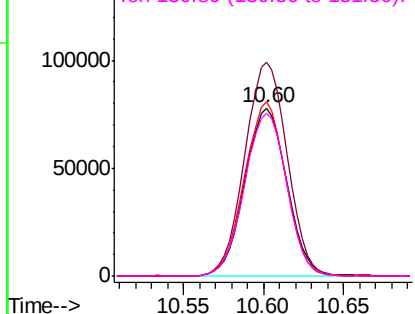


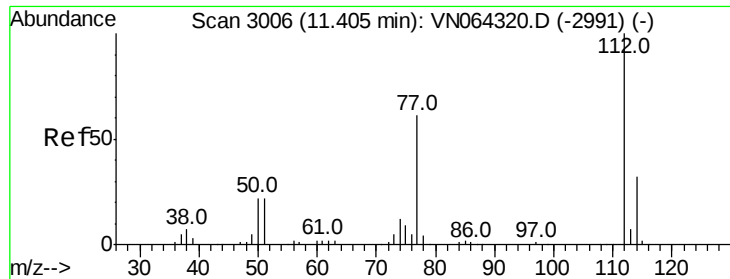
#64
Tetrachloroethene
Concen: 46.737 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

Tgt Ion:164 Resp: 140173
Ion Ratio Lower Upper
164 100
166 127.3 100.7 151.1
129 104.0 83.7 125.5
131 97.0 78.2 117.2



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





#65

Chlorobenzene

Concen: 52.052 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

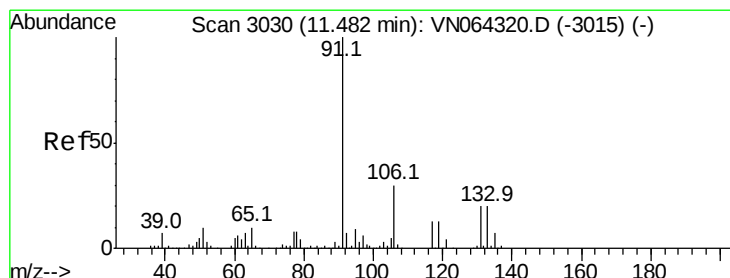
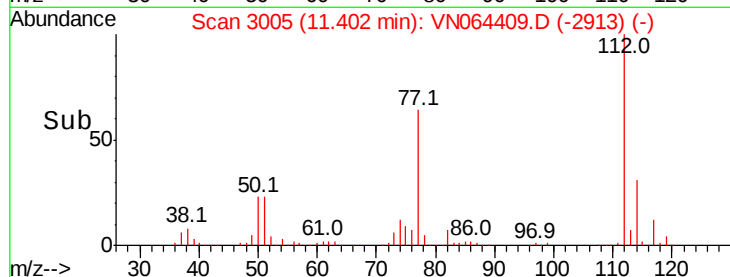
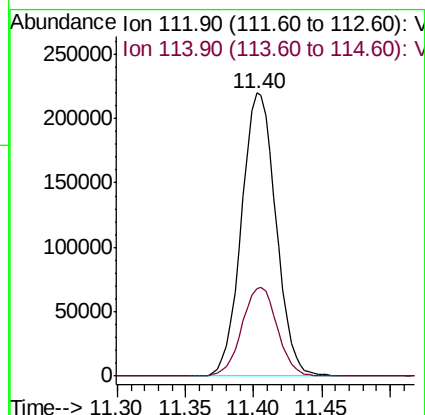
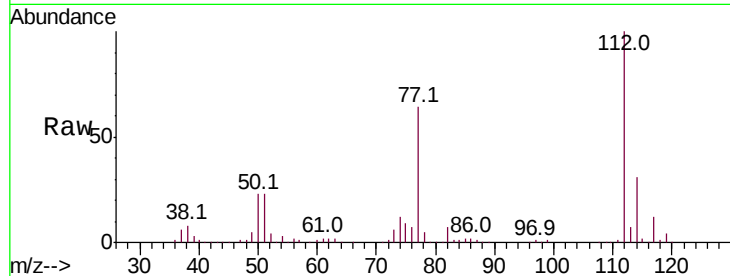
VSTDCCC050EC

Tot Ion:112 Resp: 385080

Ion Ratio Lower Upper

112 100

114 30.9 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 51.616 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

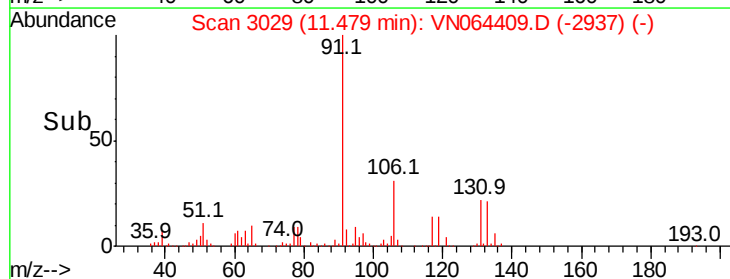
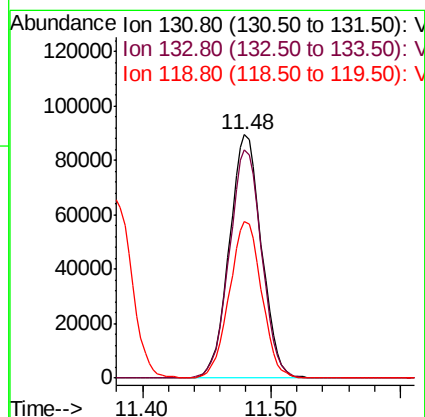
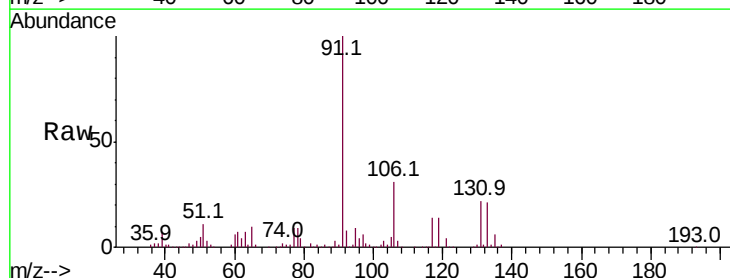
Tgt Ion:131 Resp: 154341

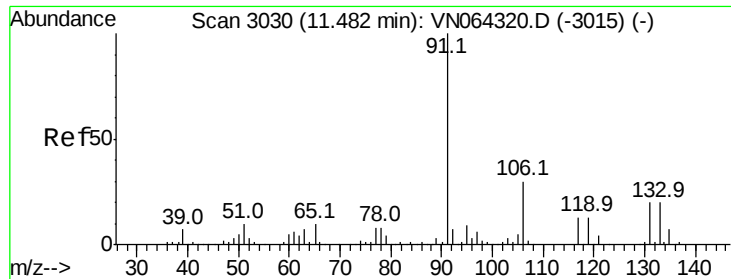
Ion Ratio Lower Upper

131 100

133 94.5 49.3 147.8

119 64.5 32.3 96.9





#67

Ethyl Benzene

Concen: 51.051 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

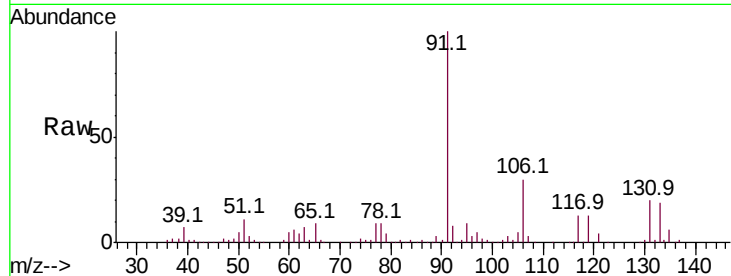
VSTDCCC050EC

Tot Ion: 91 Resp: 702158

Ion Ratio Lower Upper

91 100

106 30.2 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN064320.D (-3015) (-)

Ion 106.00 (105.70 to 106.70): VN064320.D (-3015) (-)

600000

500000

400000

300000

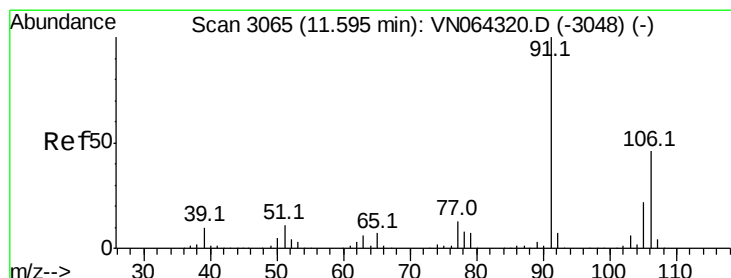
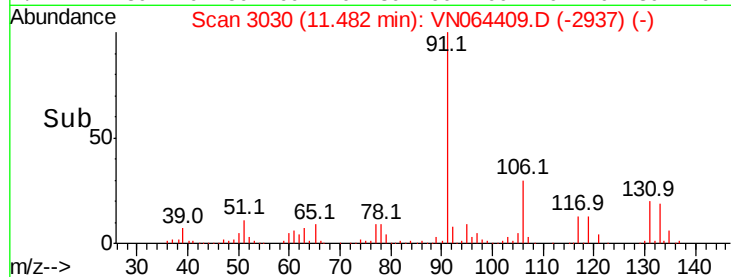
200000

100000

0

11.40 11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 101.908 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064409.D

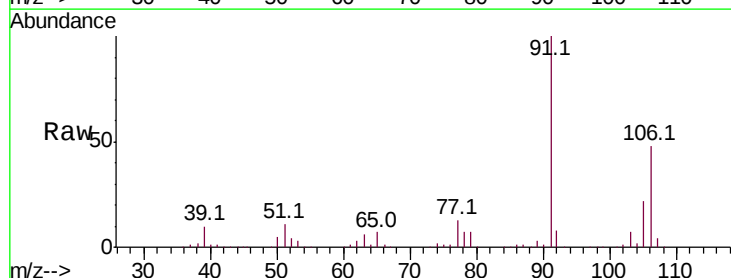
Acq: 30 Oct 2020 18:50

Tgt Ion: 106 Resp: 519438

Ion Ratio Lower Upper

106 100

91 212.9 170.2 255.4



Abundance Ion 106.00 (105.70 to 106.70): VN064320.D (-3048) (-)

Ion 91.00 (90.70 to 91.70): VN064320.D (-3048) (-)

600000

500000

400000

300000

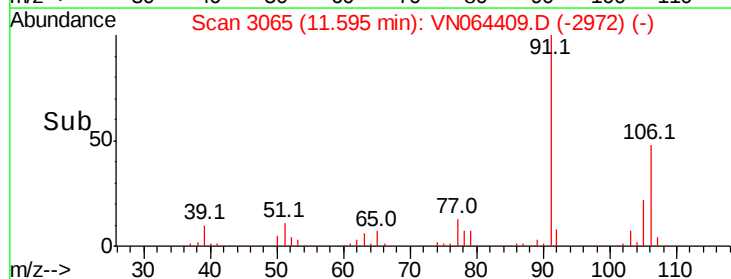
200000

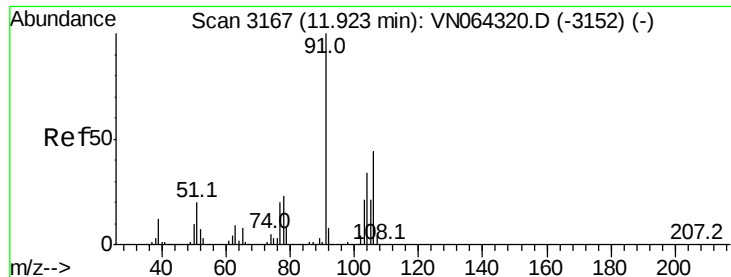
100000

0

11.50 11.60 11.70

Time-->

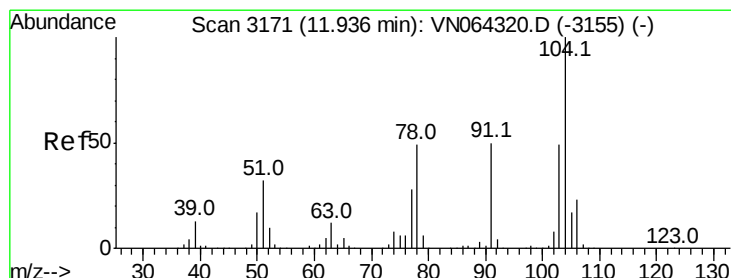
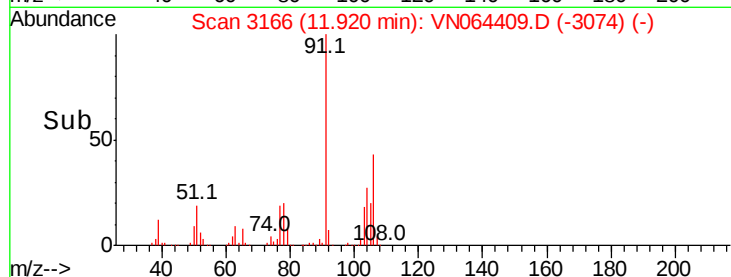
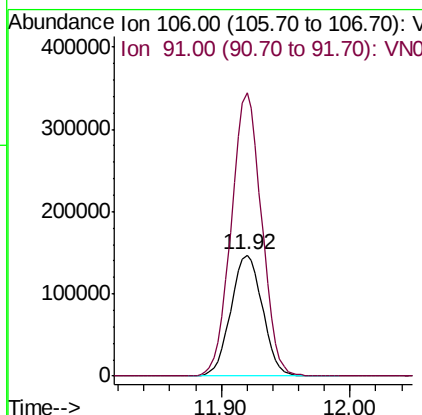
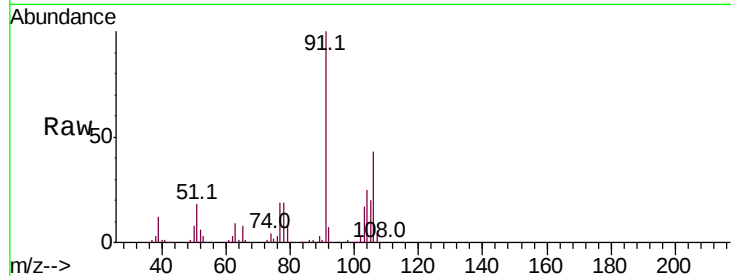




#69
o-Xylene
Concen: 51.011 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

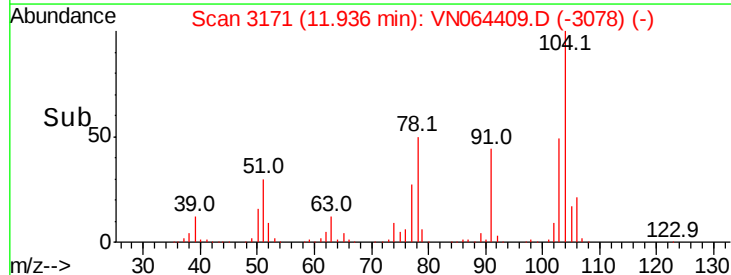
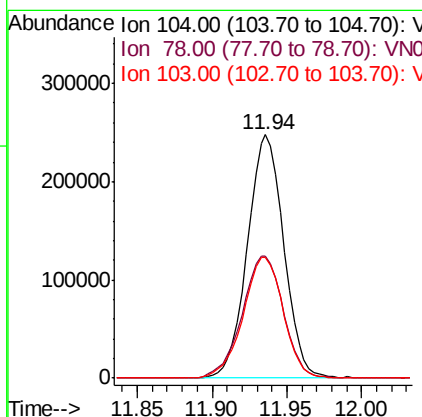
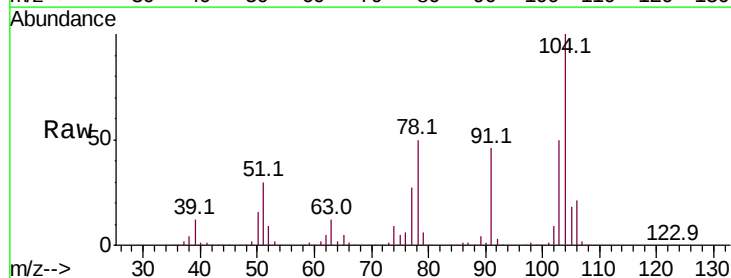
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

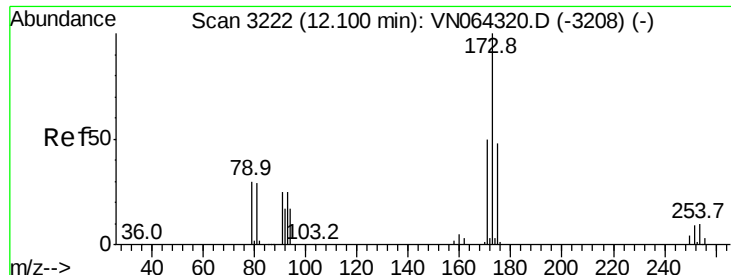
Tot Ion:106 Resp: 250499
Ion Ratio Lower Upper
106 100
91 225.0 114.5 343.5



#70
Styrene
Concen: 51.988 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

Tgt Ion:104 Resp: 418578
Ion Ratio Lower Upper
104 100
78 57.0 43.7 65.5
103 54.9 43.3 64.9





#71

Bromoform

Concen: 50.225 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

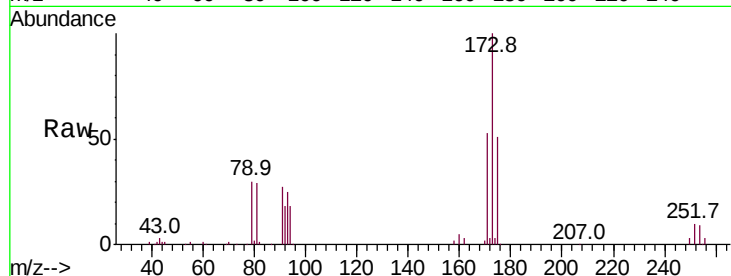
Tot Ion:173 Resp: 117869

Ion Ratio Lower Upper

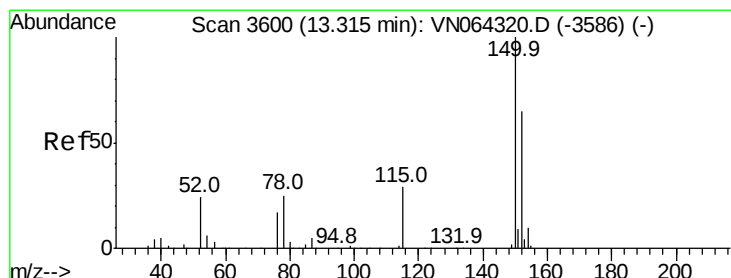
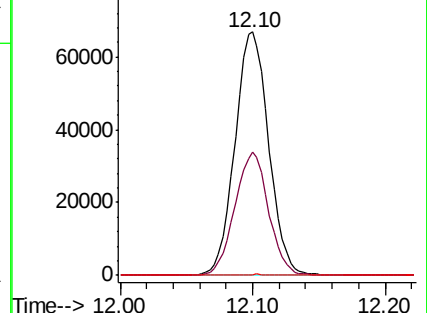
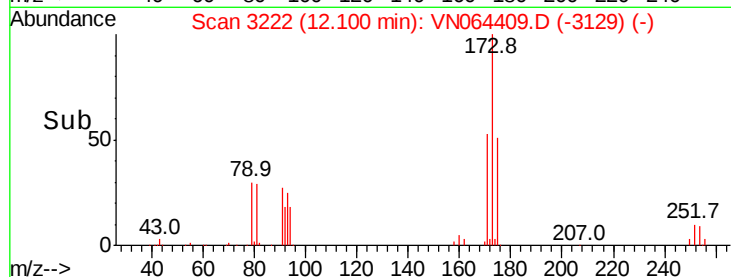
173 100

175 50.4 25.4 76.0

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

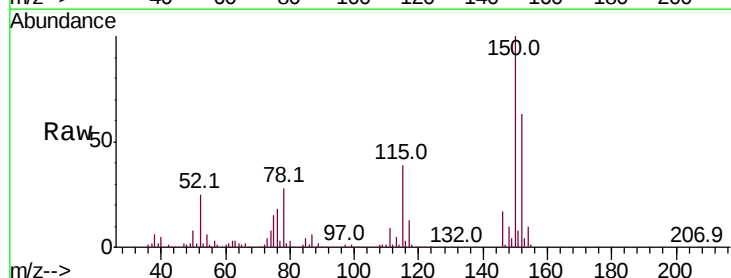
Tgt Ion:152 Resp: 176989

Ion Ratio Lower Upper

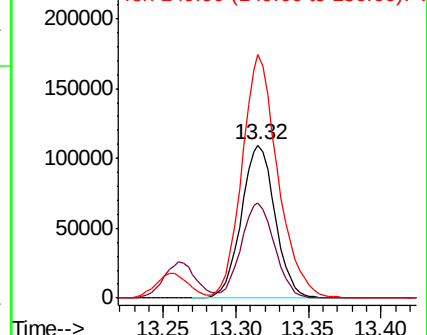
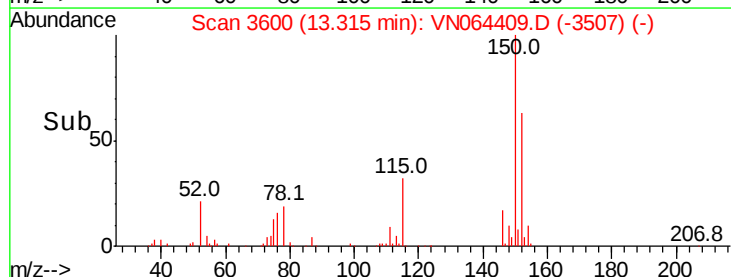
152 100

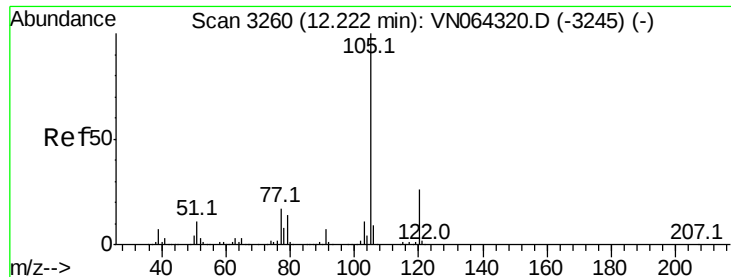
115 61.4 31.5 94.5

150 169.3 0.0 346.2



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





#73

Isopropylbenzene

Concen: 49.406 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

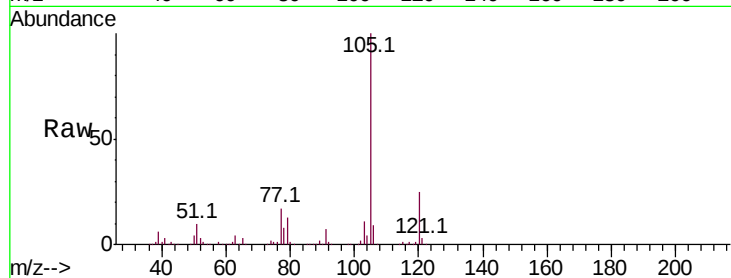
VSTDCCC050EC

Tot Ion:105 Resp: 654923

Ion Ratio Lower Upper

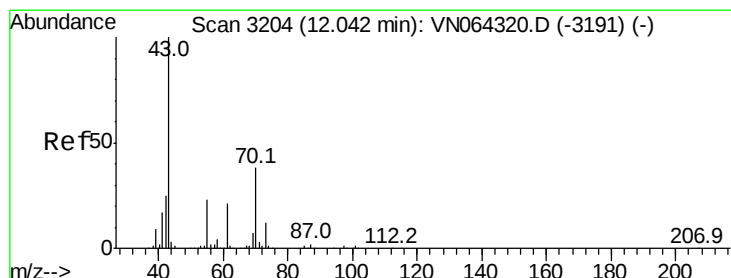
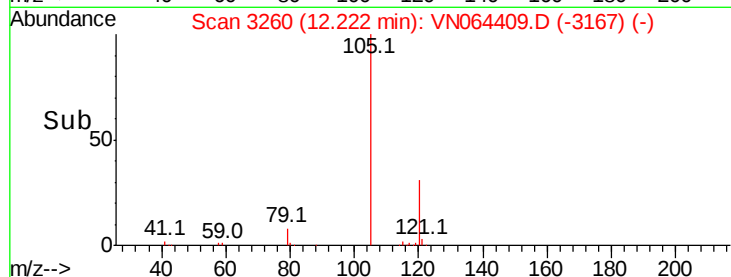
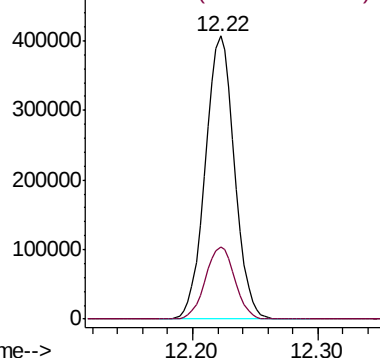
105 100

120 25.9 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.180 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Tgt Ion: 43 Resp: 304459

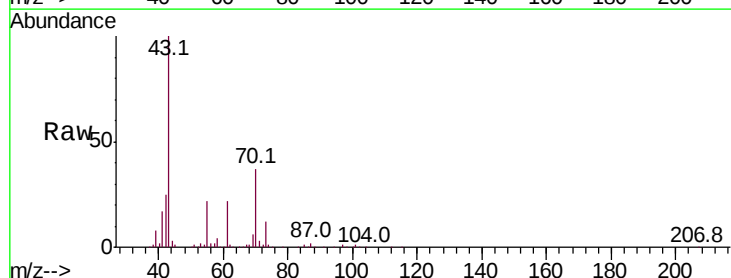
Ion Ratio Lower Upper

43 100

70 36.8 30.6 45.8

55 22.4 18.2 27.4

61 22.0 17.6 26.4

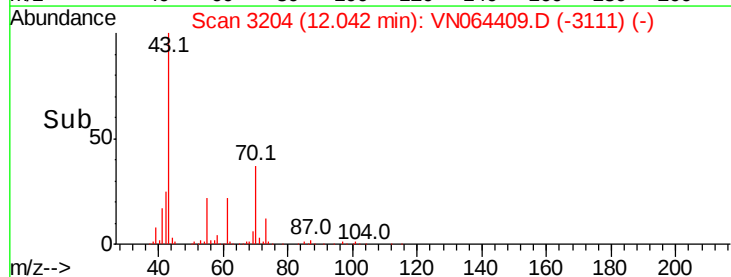
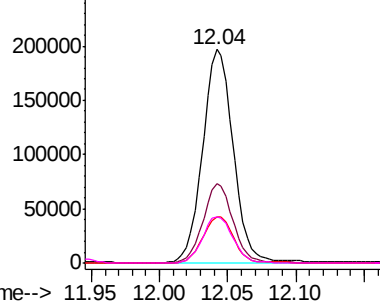


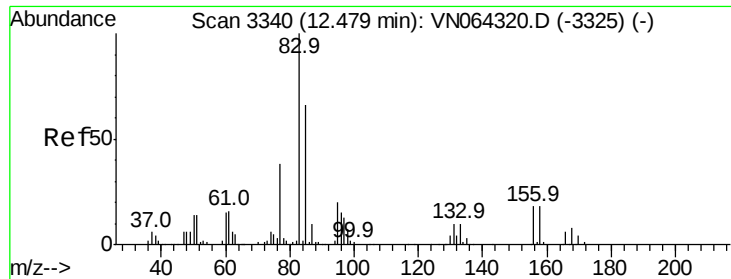
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.465 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

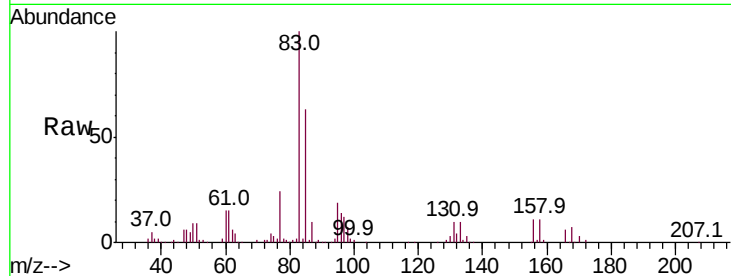
Tot Ion: 83 Resp: 194448

Ion Ratio Lower Upper

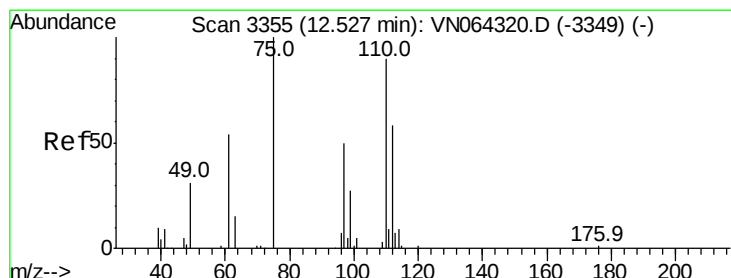
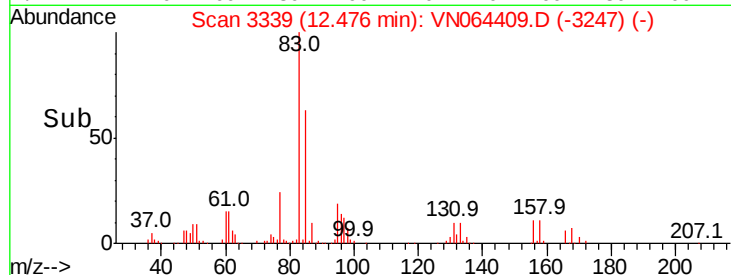
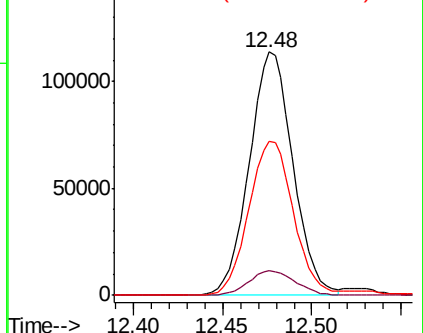
83 100

131 10.7 5.4 16.2

85 64.5 33.0 98.9



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: 65.776 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064409.D

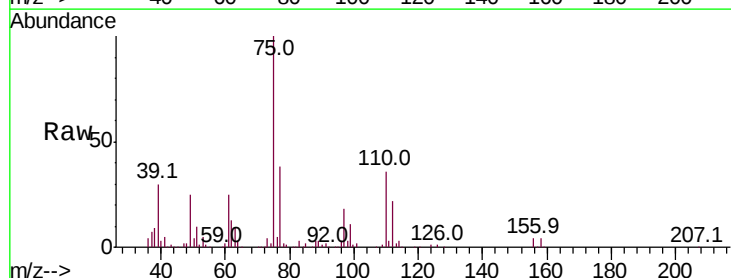
Acq: 30 Oct 2020 18:50

Tgt Ion: 75 Resp: 278787

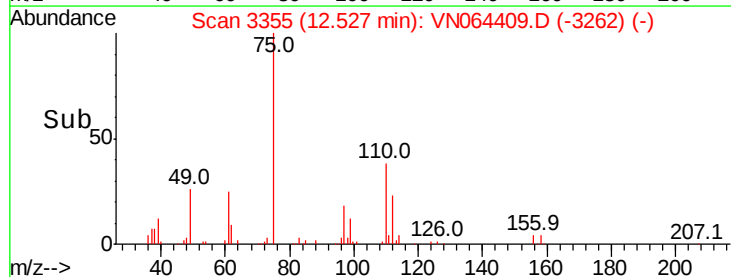
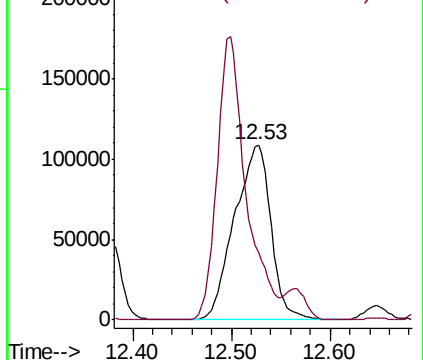
Ion Ratio Lower Upper

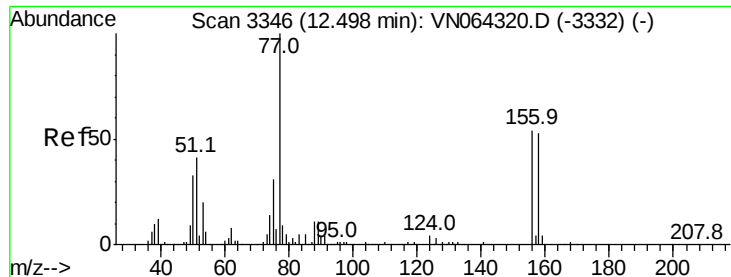
75 100

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: 51.236 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

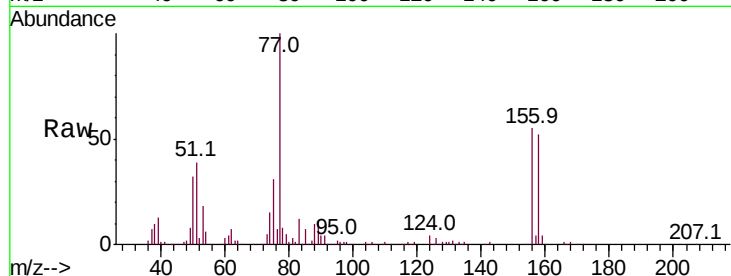
Tot Ion:156 Resp: 166313

Ion Ratio Lower Upper

156 100

77 218.3 111.9 335.7

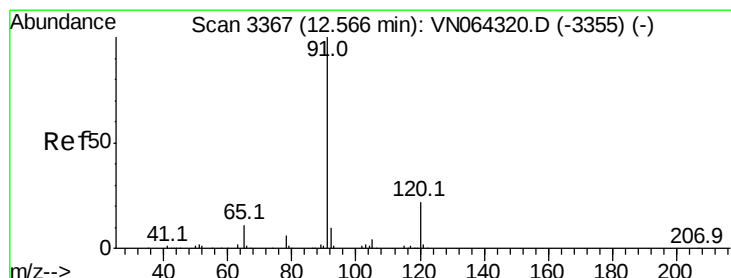
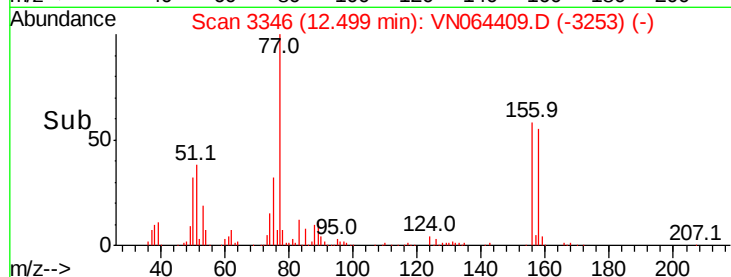
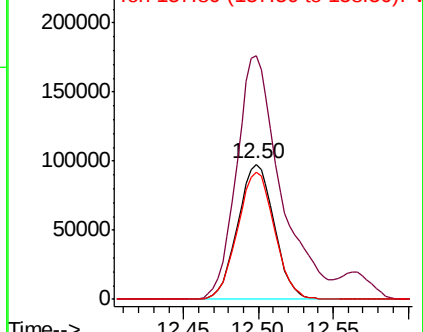
158 95.5 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.100 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064409.D

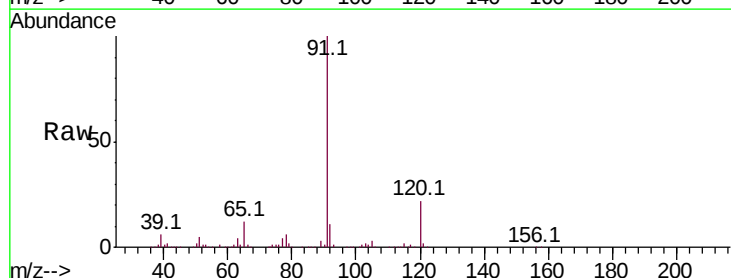
Acq: 30 Oct 2020 18:50

Tgt Ion: 91 Resp: 736882

Ion Ratio Lower Upper

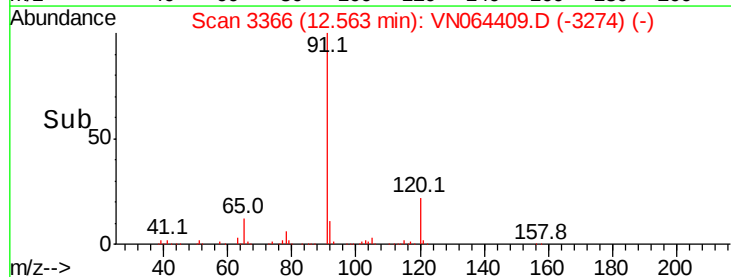
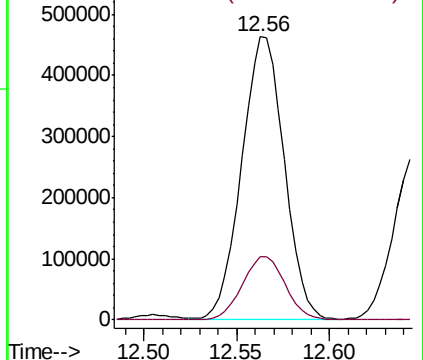
91 100

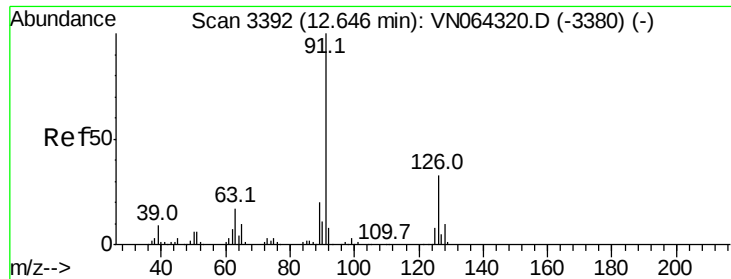
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.276 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

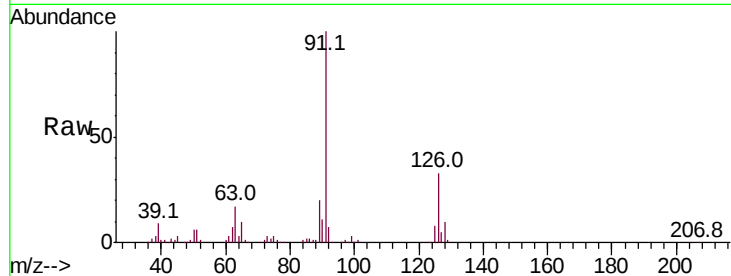
VSTDCCC050EC

Tot Ion: 91 Resp: 463134

Ion Ratio Lower Upper

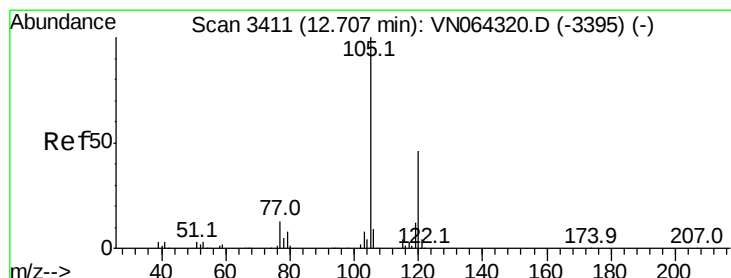
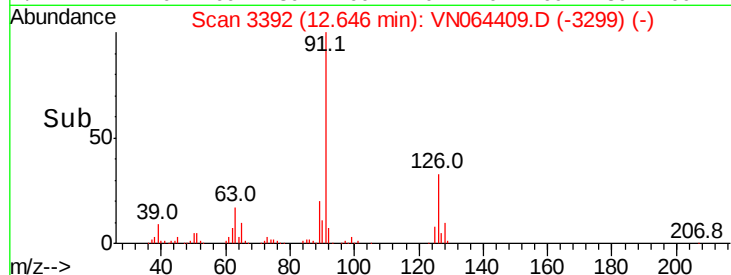
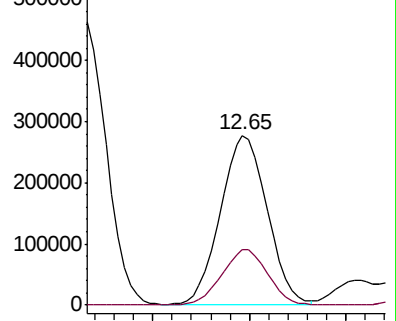
91 100

126 32.6 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN064320.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064320.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.681 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064409.D

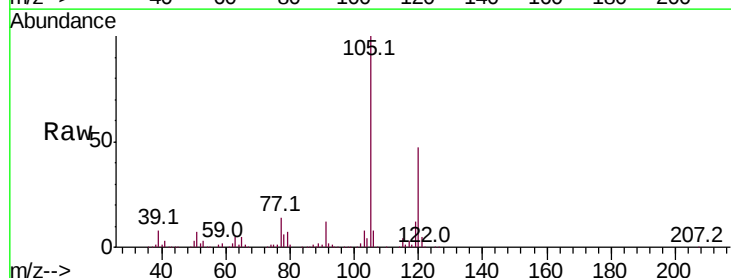
Acq: 30 Oct 2020 18:50

Tgt Ion: 105 Resp: 546034

Ion Ratio Lower Upper

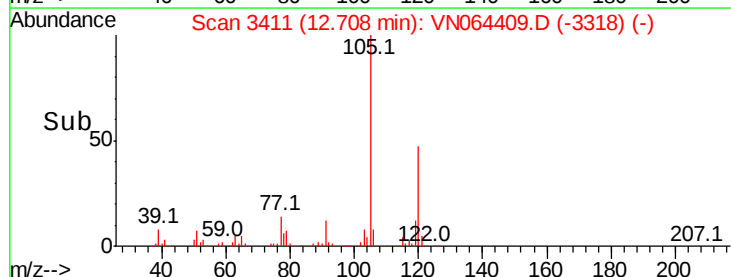
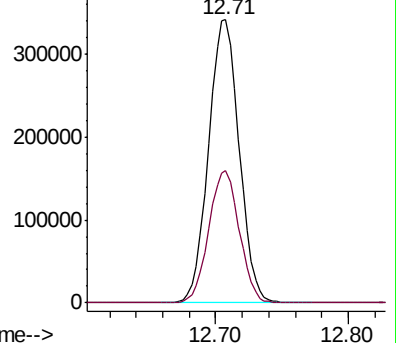
105 100

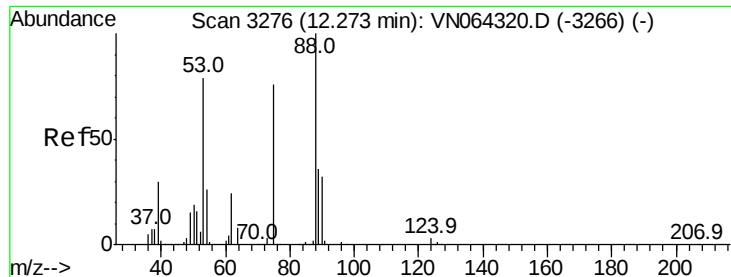
120 46.8 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN064320.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064320.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.952 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

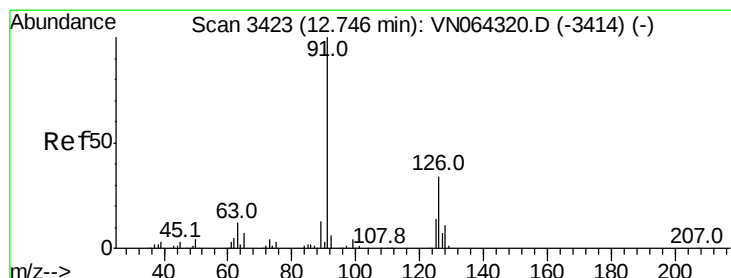
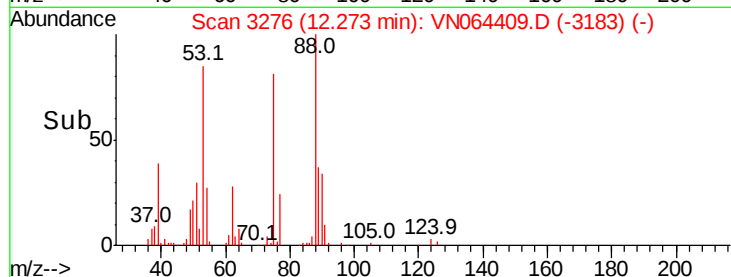
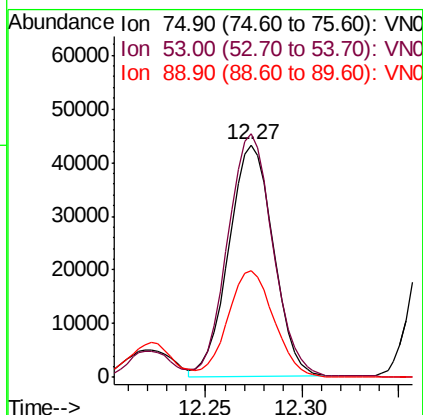
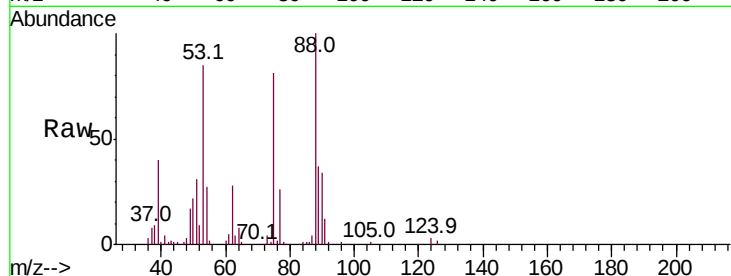
Tot Ion: 75 Resp: 69086

Ion Ratio Lower Upper

75 100

53 105.9 81.8 122.8

89 47.5 39.9 59.9



#82

4-Chlorotoluene

Concen: 49.417 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064409.D

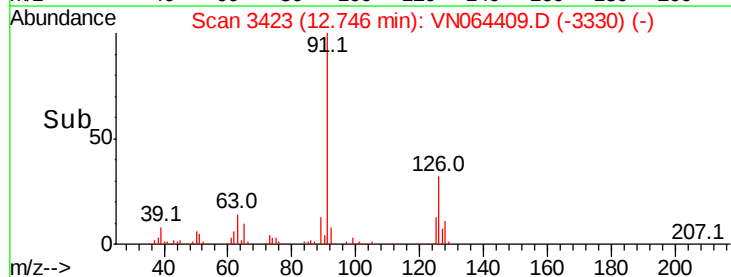
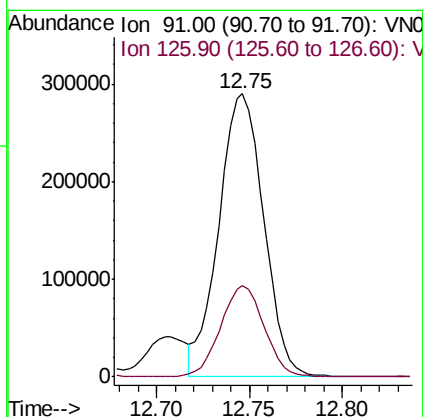
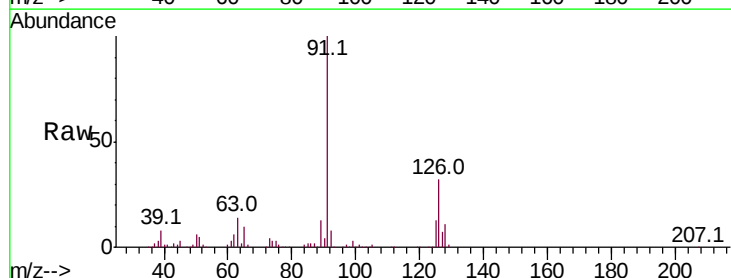
Acq: 30 Oct 2020 18:50

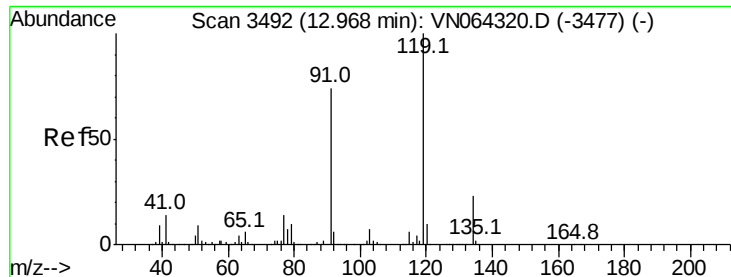
Tgt Ion: 91 Resp: 482959

Ion Ratio Lower Upper

91 100

126 31.6 15.8 47.3

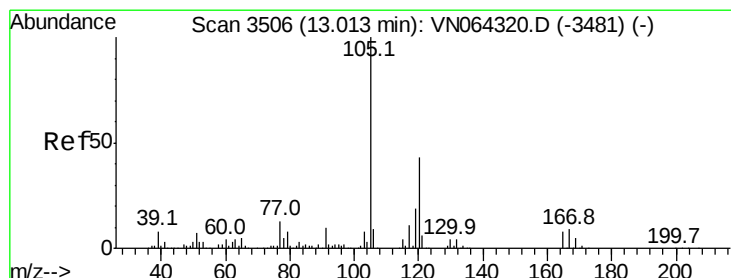
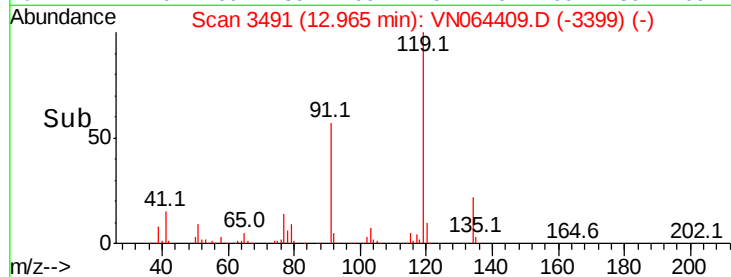
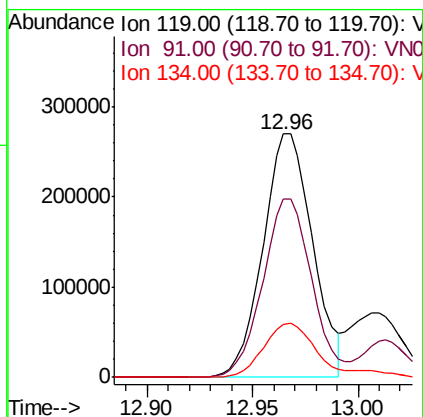
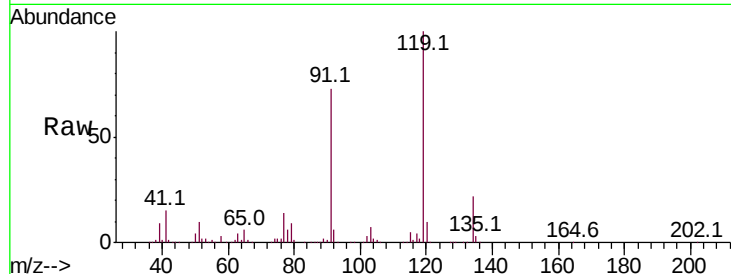




#83
tert-Butylbenzene
Concen: 47.989 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

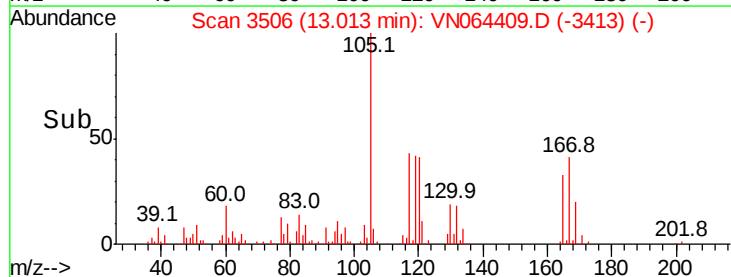
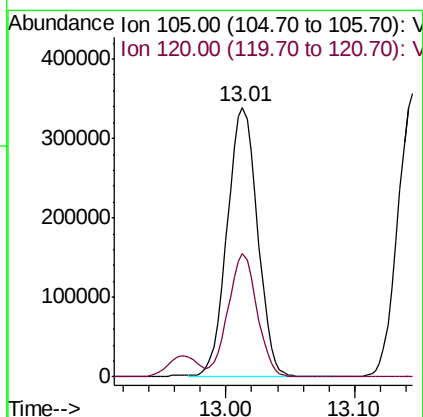
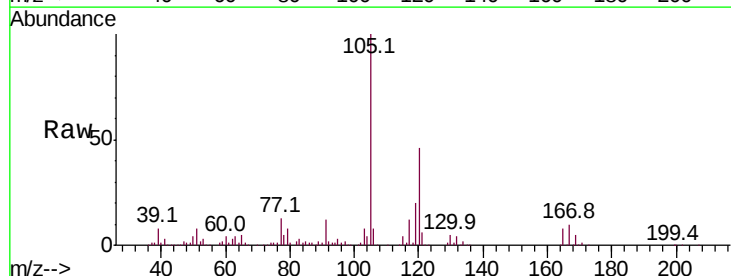
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

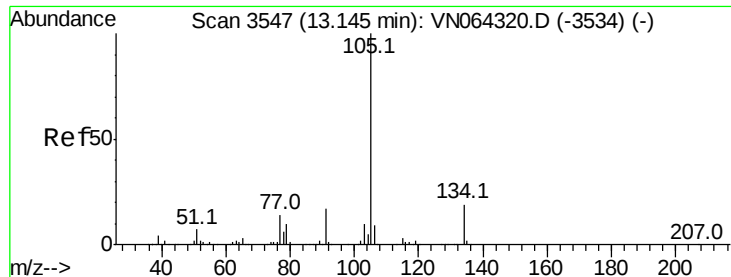
Tot Ion:119 Resp: 441692
Ion Ratio Lower Upper
119 100
91 72.2 36.4 109.1
134 23.0 12.0 36.1



#84
1,2,4-Trimethylbenzene
Concen: 49.319 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

Tgt Ion:105 Resp: 552750
Ion Ratio Lower Upper
105 100
120 43.7 21.3 64.0





#85

sec-Butylbenzene

Concen: 47.467 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

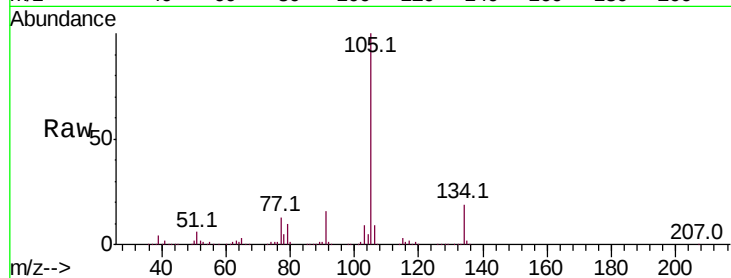
VSTDCCC050EC

Tot Ion:105 Resp: 565364

Ion Ratio Lower Upper

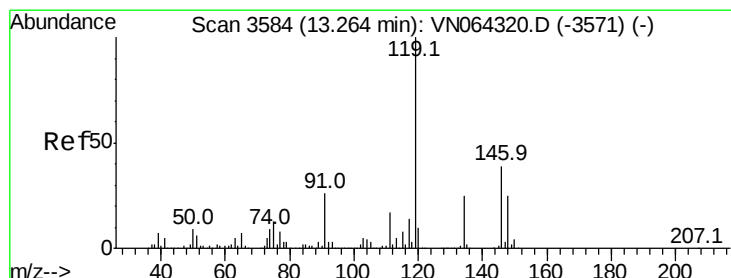
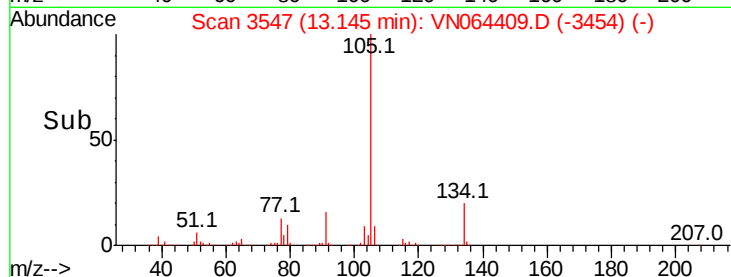
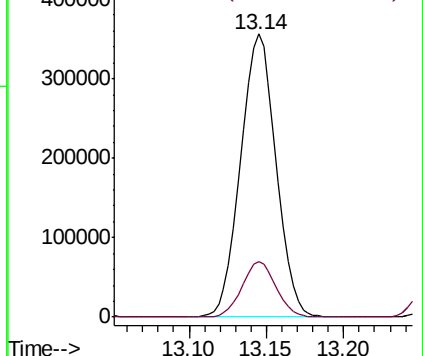
105 100

134 18.9 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.021 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

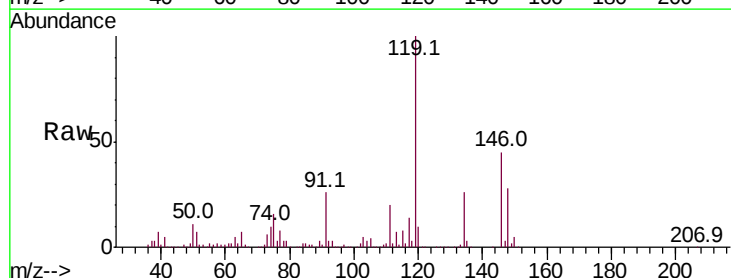
Tgt Ion:119 Resp: 515276

Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

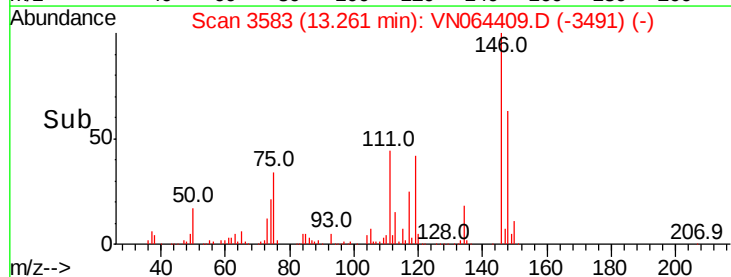
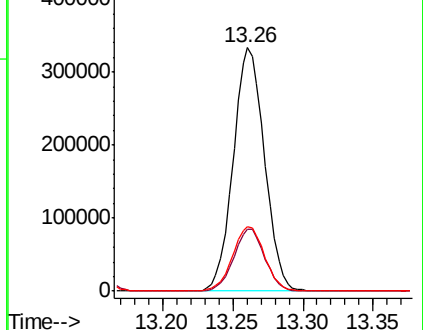
91 26.9 13.0 38.9

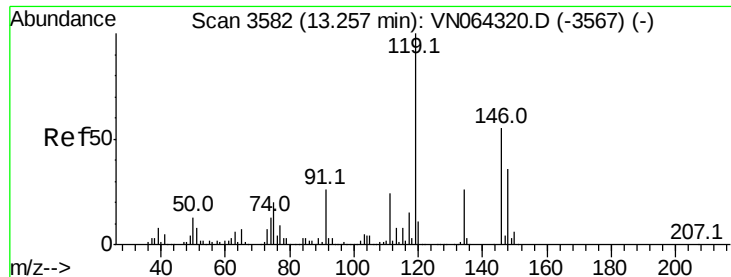


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.923 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

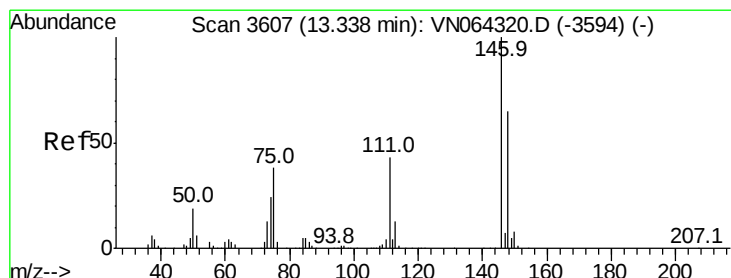
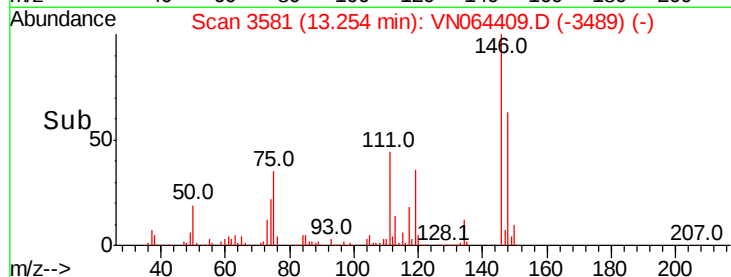
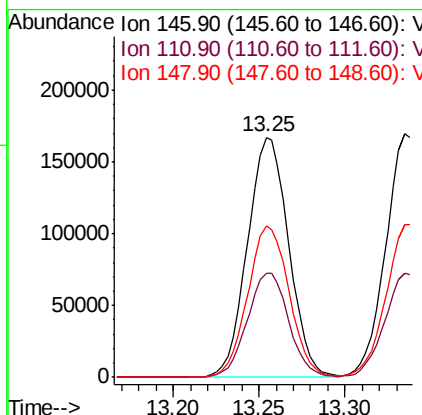
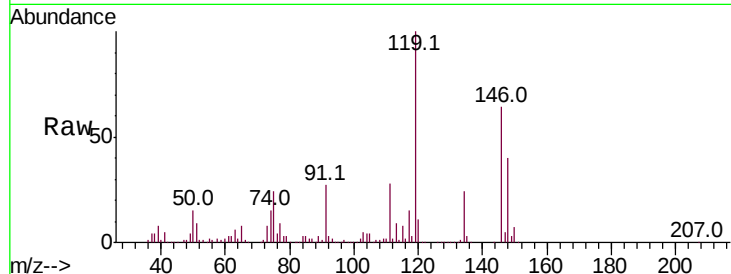
Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 278005

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.9	65.5
148	63.6	32.6	98.0



#88

1,4-Dichlorobenzene

Concen: 48.544 ug/l

RT: 13.33 min Scan# 3606

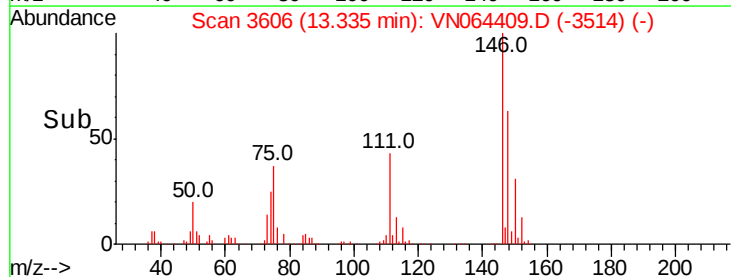
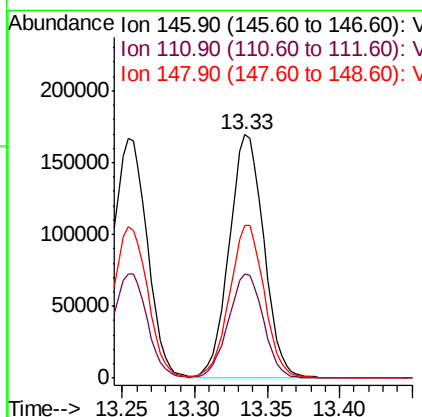
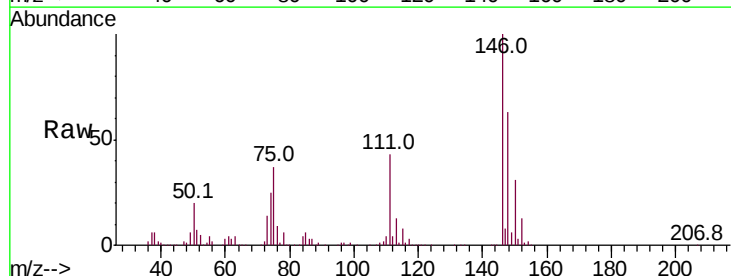
Delta R.T. -0.00 min

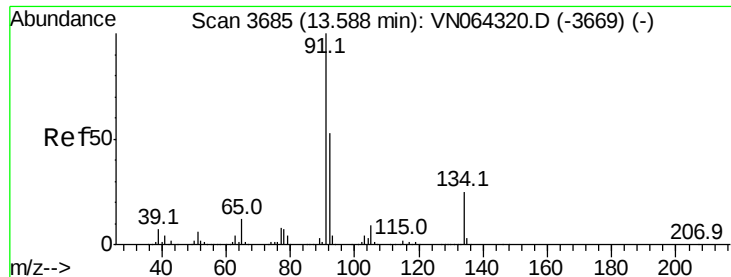
Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Tgt Ion:146 Resp: 280962

Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.8	65.4
148	62.8	31.8	95.3

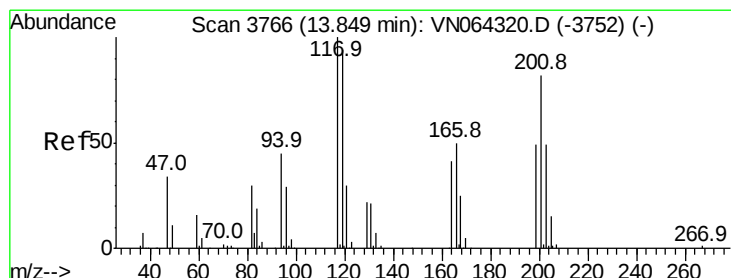
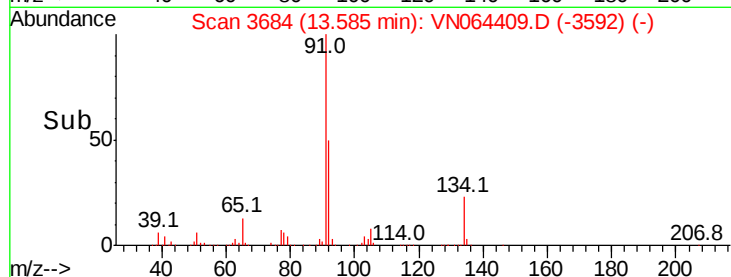
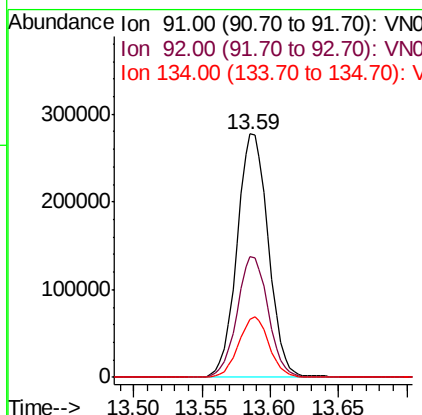
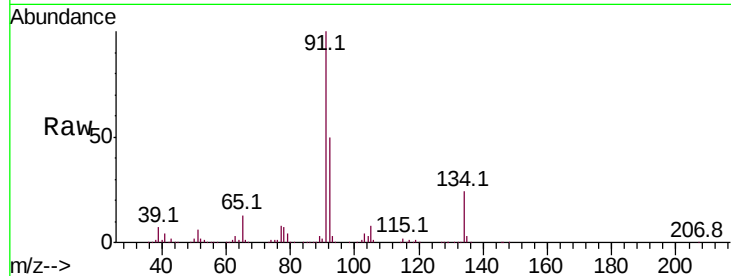




#89
n-Butylbenzene
Concen: 46.669 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

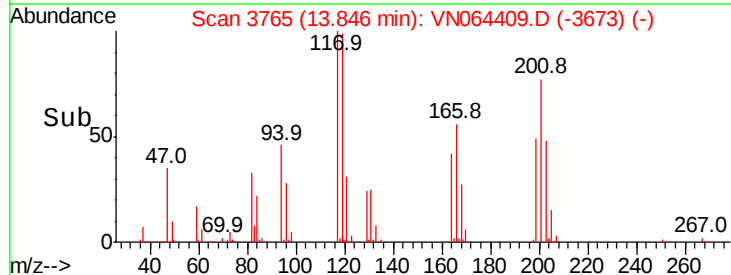
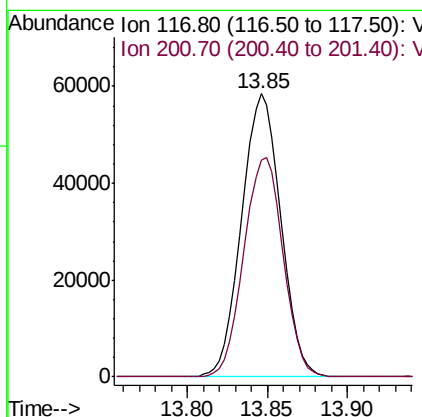
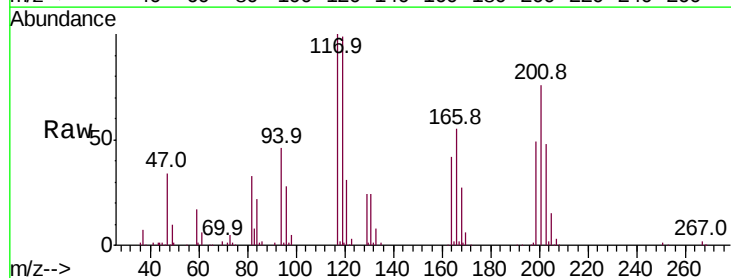
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

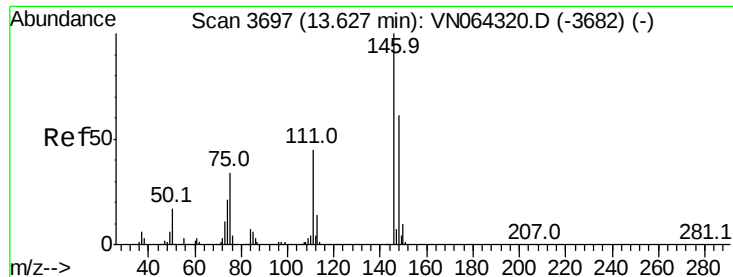
Tot Ion: 91 Resp: 441158
Ion Ratio Lower Upper
91 100
92 49.5 26.2 78.5
134 24.1 12.4 37.4



#90
Hexachloroethane
Concen: 48.541 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

Tgt Ion: 117 Resp: 97821
Ion Ratio Lower Upper
117 100
201 77.5 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 49.151 ug/l

RT: 13.62 min Scan# 3696

Delta R.T. -0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

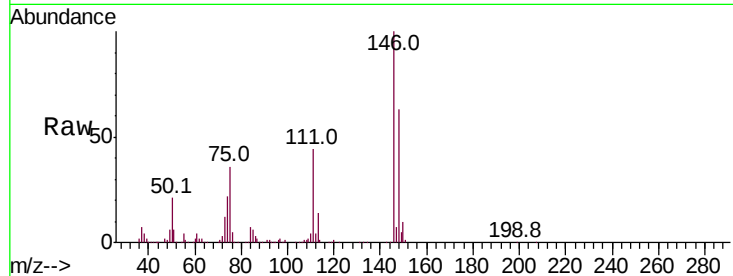
Tot Ion:146 Resp: 277680

Ion Ratio Lower Upper

146 100

111 44.8 23.0 69.0

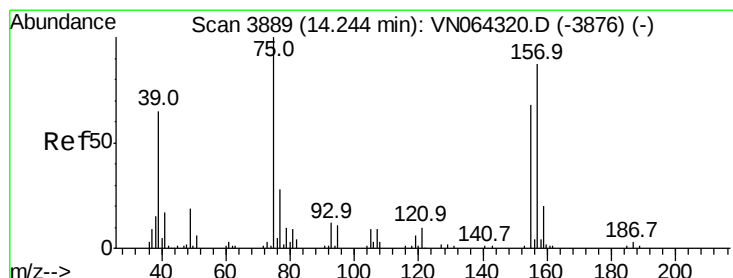
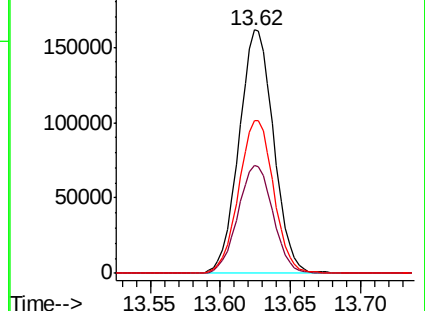
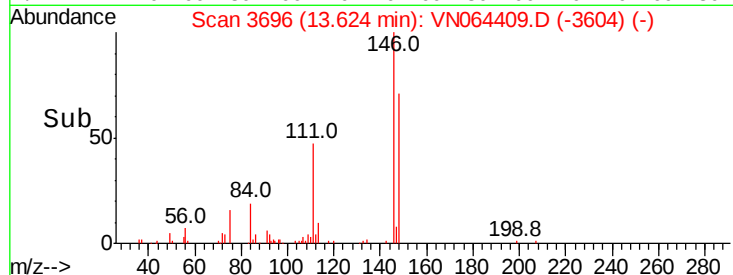
148 63.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.938 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064409.D

Acq: 30 Oct 2020 18:50

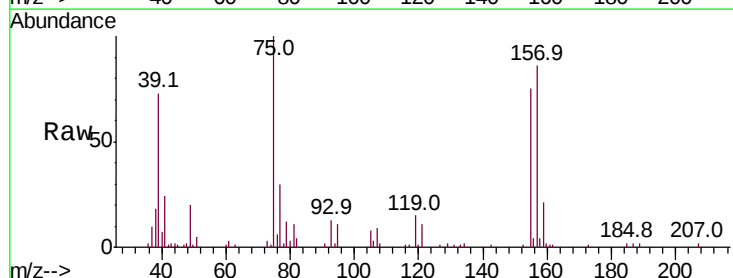
Tgt Ion: 75 Resp: 45833

Ion Ratio Lower Upper

75 100

155 73.2 35.1 105.5

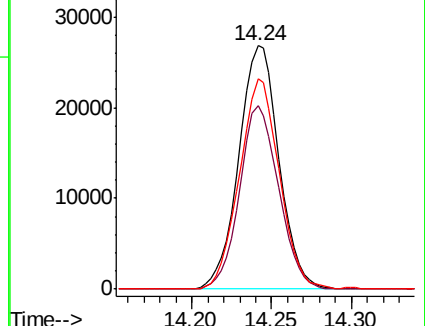
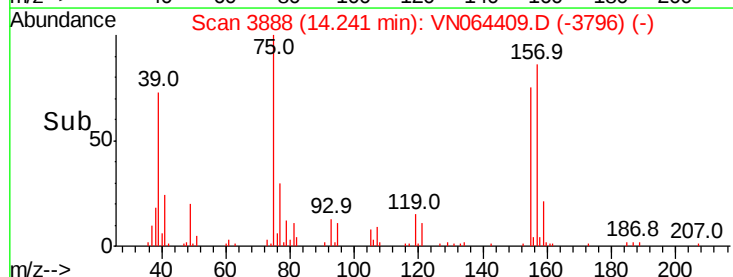
157 85.7 43.2 129.6

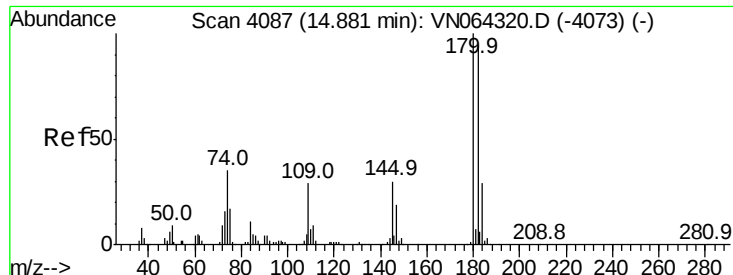


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

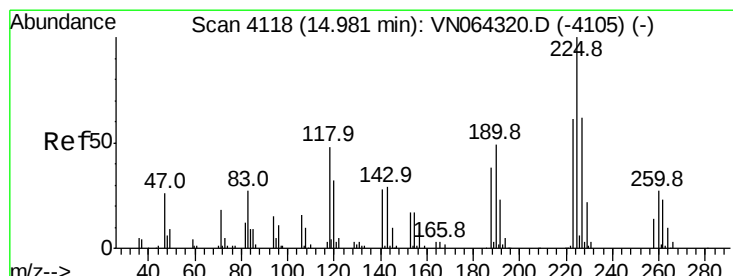
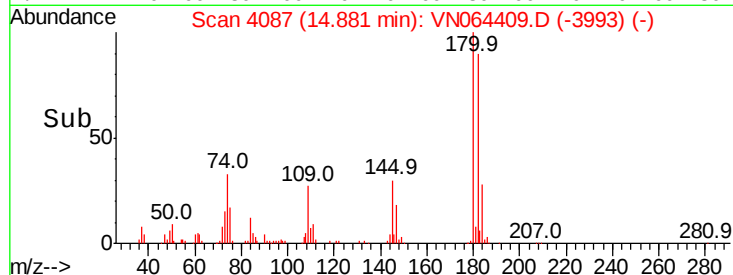
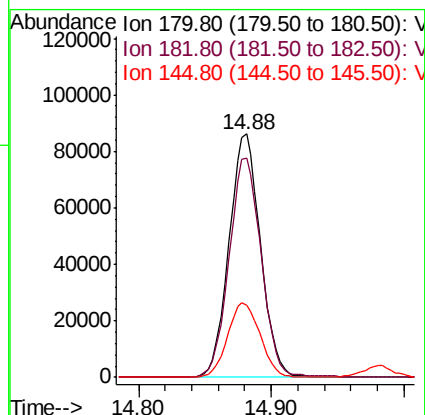
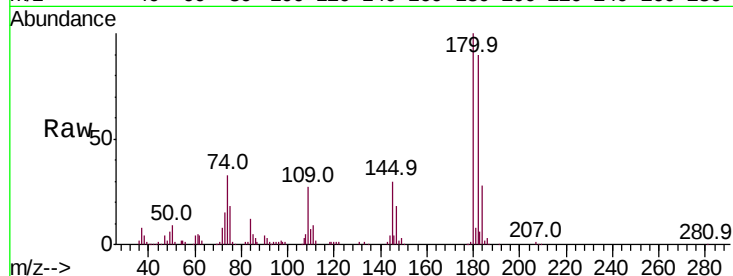




#93
 1,2,4-Trichlorobenzene
 Concen: 43.907 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

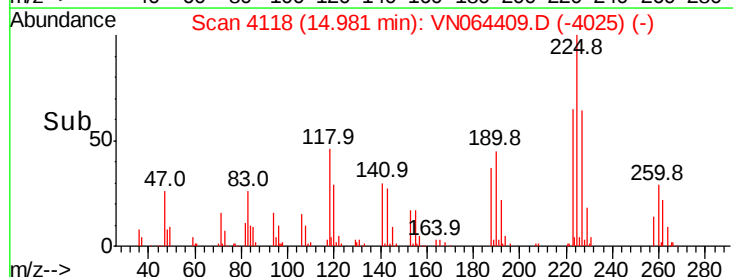
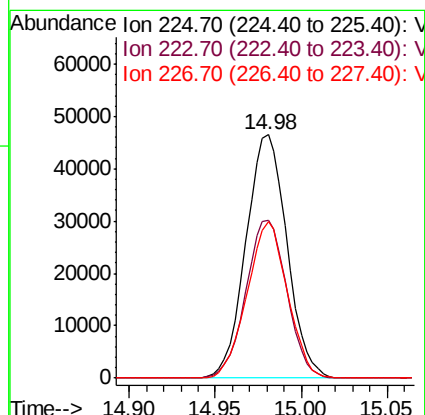
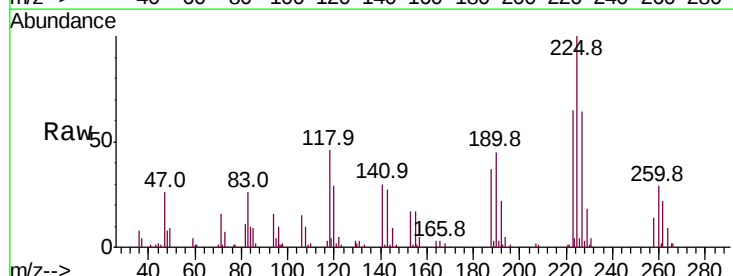
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

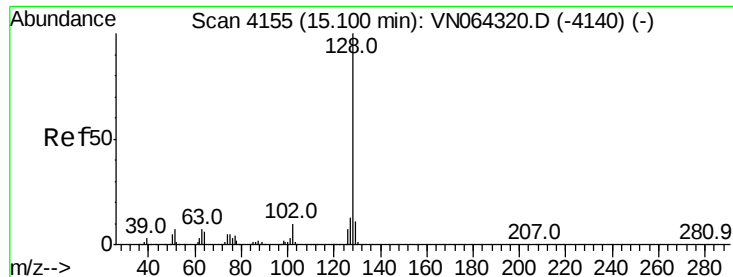
Tot Ion:180 Resp: 141731
 Ion Ratio Lower Upper
 180 100
 182 91.7 46.6 139.7
 145 31.6 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 44.363 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064409.D
 Acq: 30 Oct 2020 18:50

Tgt Ion:225 Resp: 76913
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.3 93.8
 227 63.0 32.3 96.9

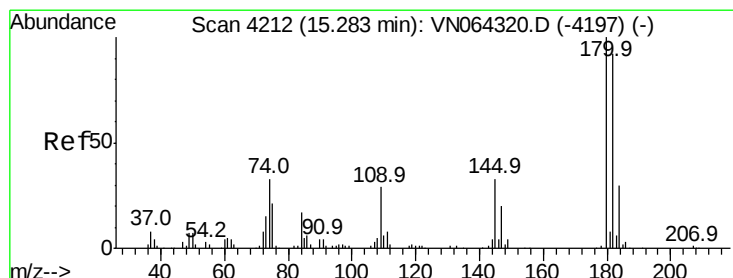
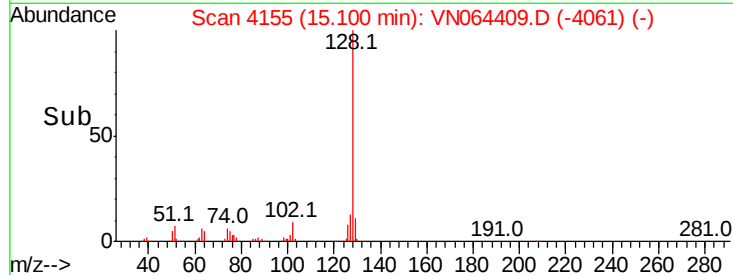
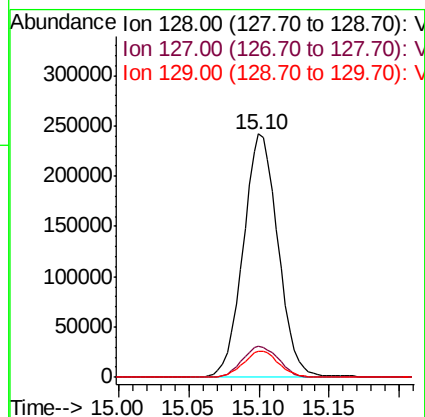
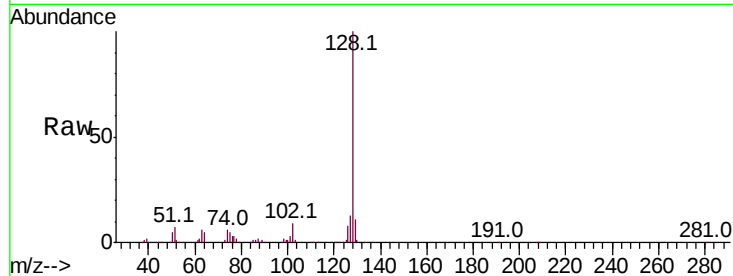




#95
Naphthalene
Concen: 42.119 ug/l
RT: 15.10 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 417449
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 42.827 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN064409.D
Acq: 30 Oct 2020 18:50

Tgt Ion:180 Resp: 133016
Ion Ratio Lower Upper
180 100
182 95.8 46.1 138.3
145 33.1 16.2 48.5

