

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063790.D
 Acq On : 1 Oct 2020 22:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 02 03:49:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	251636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	438535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200384	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	211258	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	7.55	113	145158	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
50) Toluene-d8	10.06	98	551170	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.38	95	206515	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	124490	46.886	ug/l	99
3) Chloromethane	2.04	50	148496	47.664	ug/l	98
4) Vinyl Chloride	2.16	62	147445	47.147	ug/l	99
5) Bromomethane	2.53	94	93943	47.758	ug/l	96
6) Chloroethane	2.67	64	97493	52.171	ug/l	96
7) Trichlorofluoromethane	2.98	101	245838	49.565	ug/l	99
8) Diethyl Ether	3.38	74	87789	52.336	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	129038	48.676	ug/l	99
10) Methyl Iodide	3.91	142	159494	51.816	ug/l	98
11) Tert butyl alcohol	4.73	59	126035	274.605	ug/l	100
12) 1,1-Dichloroethene	3.69	96	124364	49.079	ug/l	98
13) Acrolein	3.57	56	71987	255.555	ug/l	98
14) Allyl chloride	4.28	41	223593	47.497	ug/l	96
15) Acrylonitrile	4.93	53	353992	269.447	ug/l	99
16) Acetone	3.77	43	329810	257.720	ug/l	96
17) Carbon Disulfide	4.01	76	335086	48.942	ug/l	100
18) Methyl Acetate	4.28	43	174375	52.481	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	478241	51.949	ug/l	100
20) Methylene Chloride	4.50	84	153468	52.352	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	139544	49.166	ug/l	97
22) Diisopropyl ether	5.90	45	524097	54.112	ug/l	98
23) Vinyl Acetate	5.84	43	2178970	271.589	ug/l	99
24) 1,1-Dichloroethane	5.80	63	282034	50.928	ug/l	99
25) 2-Butanone	6.78	43	496976	273.917	ug/l	97
26) 2,2-Dichloropropane	6.78	77	209824	41.374	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	167271	51.243	ug/l	99
28) Bromochloromethane	7.15	49	142689	52.132	ug/l	98
29) Tetrahydrofuran	7.16	42	331800	272.669	ug/l	98
30) Chloroform	7.33	83	311996	54.032	ug/l	93
31) Cyclohexane	7.61	56	230533	47.766	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	272195	52.262	ug/l	99
36) 1,1-Dichloropropene	7.76	75	213789	48.120	ug/l	98
37) Ethyl Acetate	6.88	43	212481	48.138	ug/l	100
38) Carbon Tetrachloride	7.73	117	238807	47.935	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	196355	44.319	ug/l	98
40) Benzene	8.00	78	620310	48.883	ug/l	100
41) Methacrylonitrile	7.16	41	326933	166.654	ug/l #	23
42) 1,2-Dichloroethane	8.09	62	267941	49.465	ug/l	99
43) Isopropyl Acetate	8.13	43	378622	52.004	ug/l	100
44) Trichloroethene	8.80	130	154971	46.610	ug/l	99
45) 1,2-Dichloropropane	9.08	63	172042	50.201	ug/l	99
46) Dibromomethane	9.17	93	117209	49.577	ug/l	97
47) Bromodichloromethane	9.37	83	242491	49.768	ug/l	97
48) Methyl methacrylate	9.16	41	193173	53.703	ug/l	96
49) 1,4-Dioxane	9.16	88	51280	1003.076	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1141404	267.144	ug/l	100
52) Toluene	10.13	92	391343	49.859	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	259069	49.602	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	266591	48.806	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	158503	50.355	ug/l	99
56) Ethyl methacrylate	10.40	69	235621	52.809	ug/l	99
57) 1,3-Dichloropropane	10.68	76	270405	50.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	609788	255.499	ug/l	99
59) 2-Hexanone	10.72	43	835224	263.148	ug/l	98
60) Dibromochloromethane	10.87	129	180407	49.214	ug/l	99
61) 1,2-Dibromoethane	10.98	107	165172	51.297	ug/l	99
64) Tetrachloroethene	10.60	164	140743	43.859	ug/l	98
65) Chlorobenzene	11.41	112	414318	48.695	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	163667	50.176	ug/l	100
67) Ethyl Benzene	11.48	91	769463	49.700	ug/l	99
68) m/p-Xylenes	11.59	106	563726	97.696	ug/l	98
69) o-Xylene	11.92	106	272393	50.507	ug/l	100
70) Styrene	11.94	104	475713	51.963	ug/l	100
71) Bromoform	12.10	173	123757	49.607	ug/l #	98
73) Isopropylbenzene	12.23	105	730360	49.970	ug/l	100
74) N-amyl acetate	12.05	43	341483	50.256	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	227510	50.904	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	315008	71.313	ug/l #	100
77) Bromobenzene	12.50	156	180838	50.424	ug/l	99
78) n-propylbenzene	12.57	91	832634	48.950	ug/l	100
79) 2-Chlorotoluene	12.65	91	518834	49.595	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	616789	50.301	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	73741	48.081	ug/l	99
82) 4-Chlorotoluene	12.75	91	539876	49.712	ug/l	100
83) tert-Butylbenzene	12.97	119	489904	48.844	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	612423	50.025	ug/l	98
85) sec-Butylbenzene	13.15	105	632275	47.995	ug/l	100
86) p-Isopropyltoluene	13.26	119	565292	48.505	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	317678	48.962	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	317796	47.042	ug/l	100
89) n-Butylbenzene	13.59	91	484787	45.069	ug/l	100
90) Hexachloroethane	13.85	117	111279	49.275	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	317537	49.411	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	51443	49.080	ug/l	99

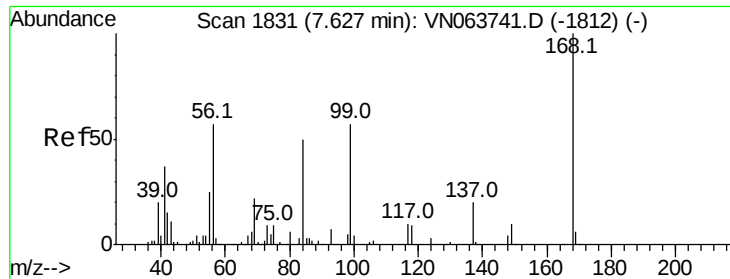
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	148855	42.855	ug/l	99
94) Hexachlorobutadiene	14.98	225	79311	45.523	ug/l	98
95) Naphthalene	15.10	128	469061	43.637	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	145466	43.142	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

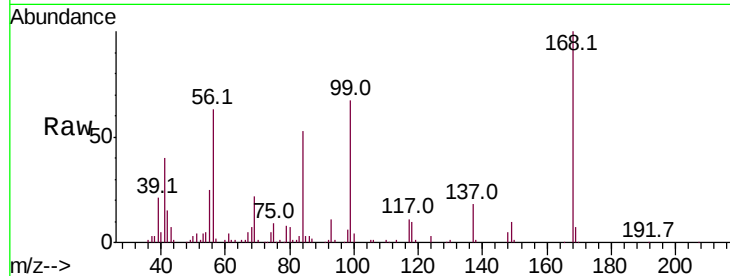
VSTDCCC050

Tot Ion:168 Resp: 251636

Ion Ratio Lower Upper

168 100

99 66.6 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

60000

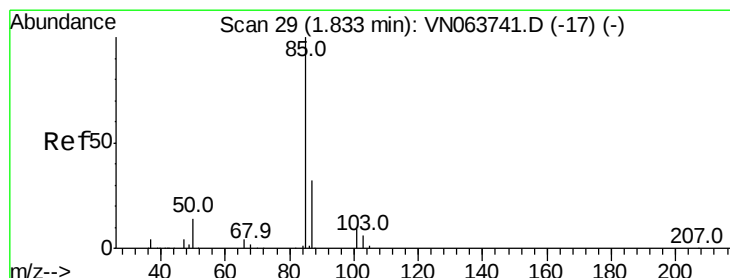
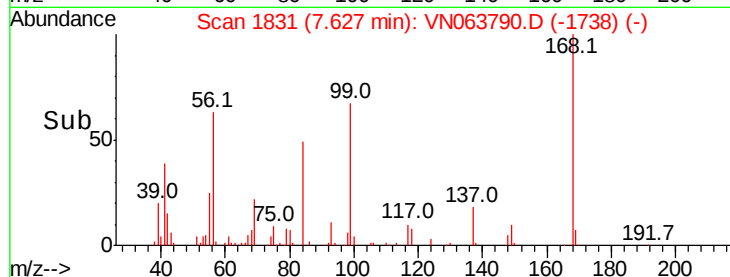
40000

20000

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Time-->

7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 46.886 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063790.D

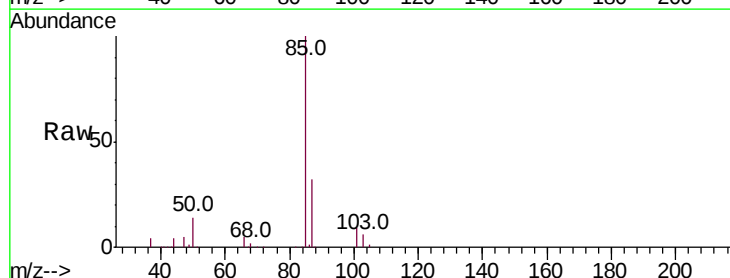
Acq: 1 Oct 2020 22:57

Tgt Ion: 85 Resp: 124490

Ion Ratio Lower Upper

85 100

87 32.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

60000

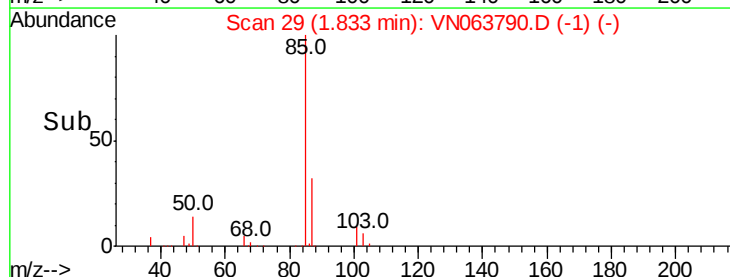
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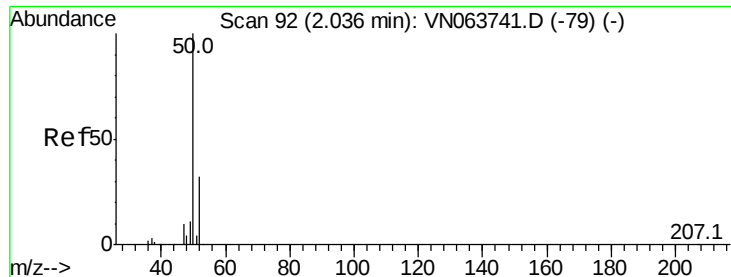
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Time-->

1.80 1.85 1.90





#3

Chloromethane

Concen: 47.664 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

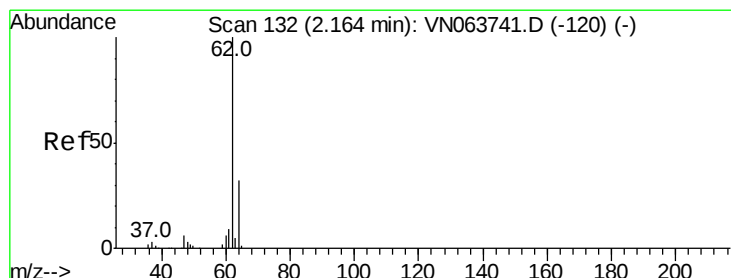
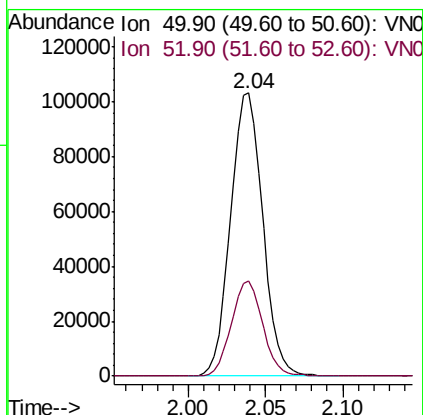
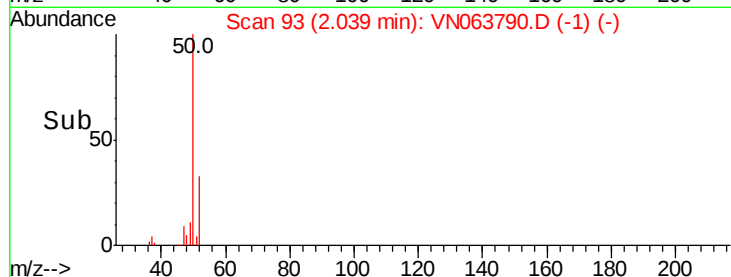
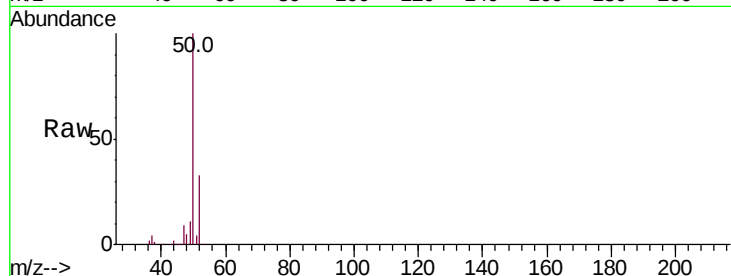
VSTDCCC050

Tot Ion: 50 Resp: 148496

Ion Ratio Lower Upper

50 100

52 33.4 25.8 38.8



#4

Vinyl Chloride

Concen: 47.147 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063790.D

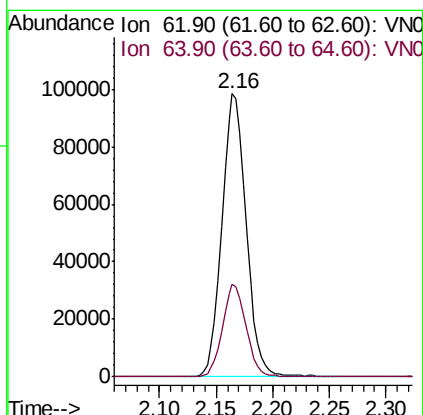
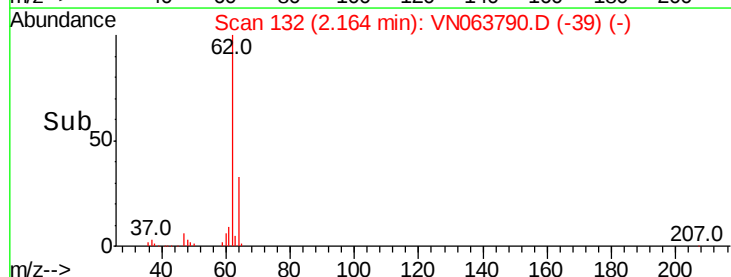
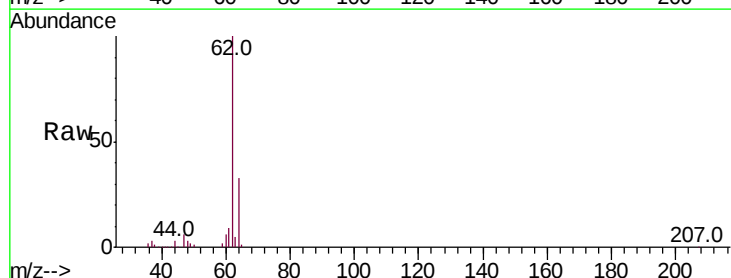
Acq: 1 Oct 2020 22:57

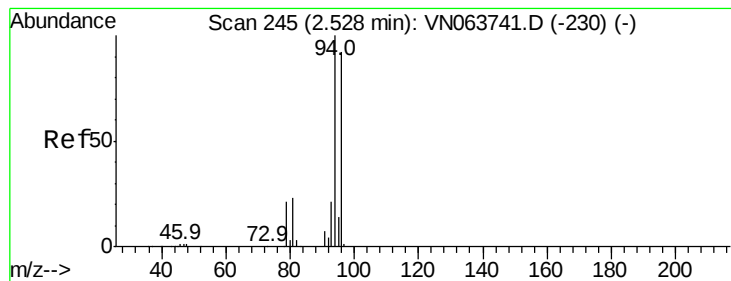
Tgt Ion: 62 Resp: 147445

Ion Ratio Lower Upper

62 100

64 32.7 25.6 38.4





#5

Bromomethane

Concen: 47.758 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

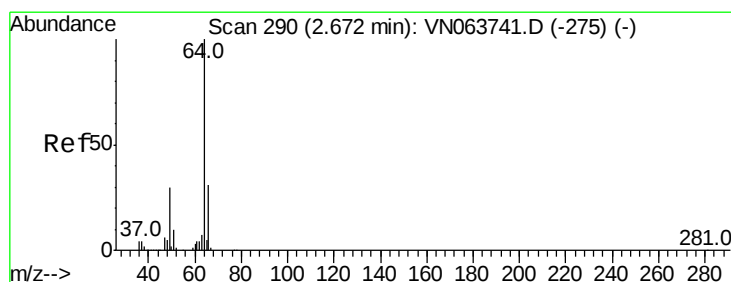
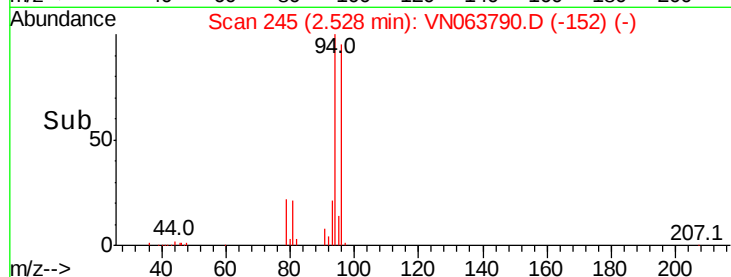
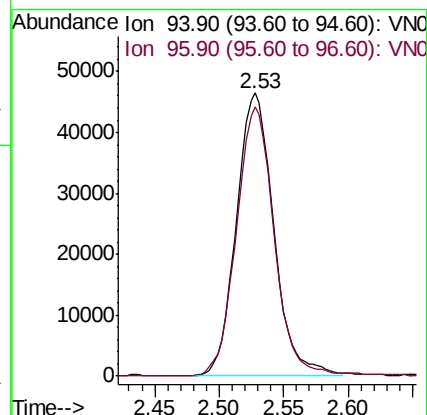
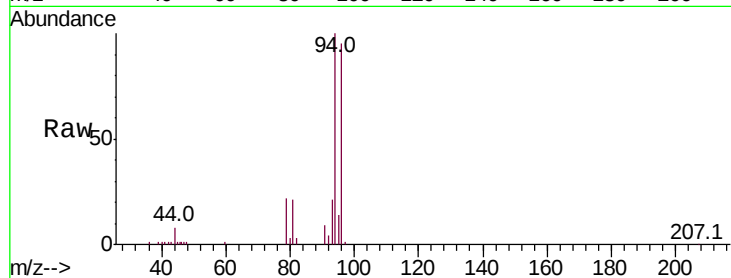
VSTDCCC050

Tot Ion: 94 Resp: 93943

Ion Ratio Lower Upper

94 100

96 95.0 73.3 109.9



#6

Chloroethane

Concen: 52.171 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063790.D

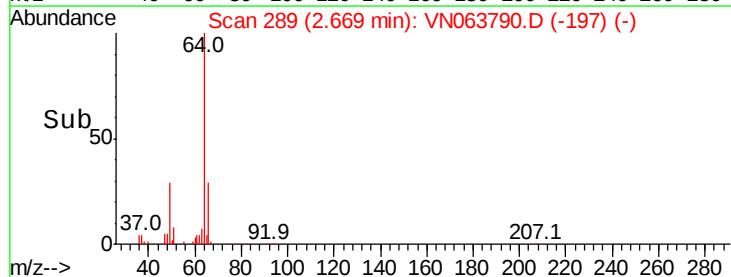
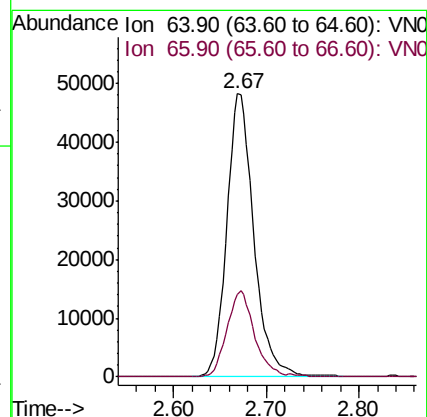
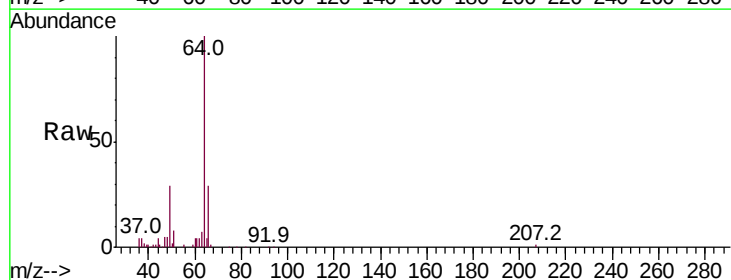
Acq: 1 Oct 2020 22:57

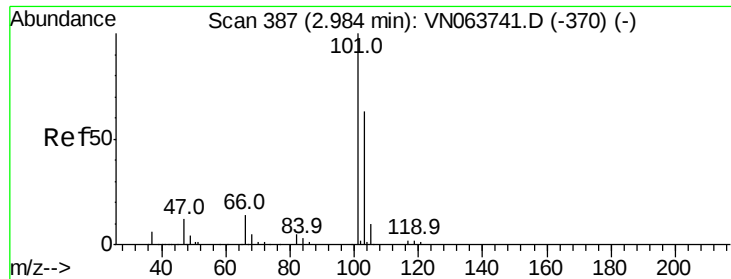
Tgt Ion: 64 Resp: 97493

Ion Ratio Lower Upper

64 100

66 29.3 25.1 37.7



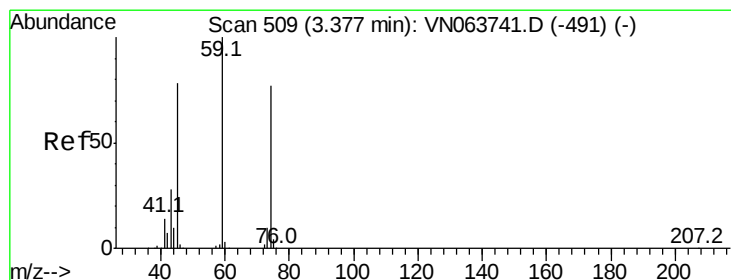
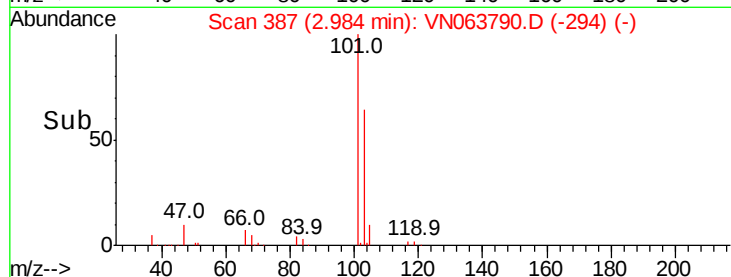
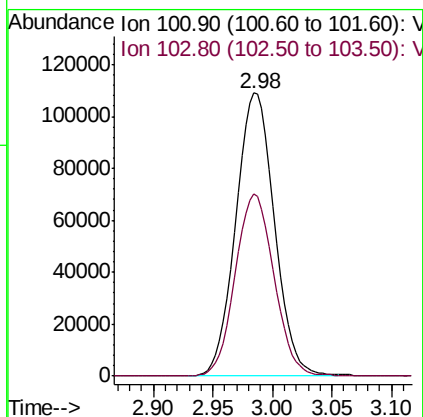
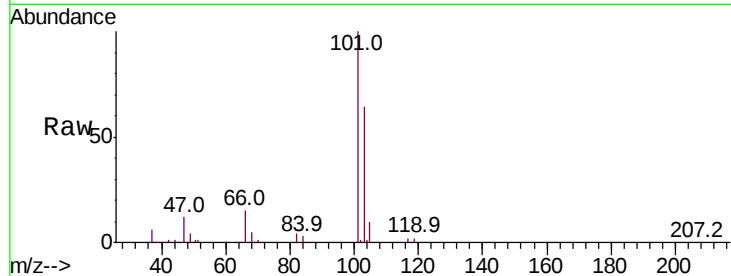


#7

Trichlorofluoromethane
 Concen: 49.565 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063790.D
 Acq: 1 Oct 2020 22:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

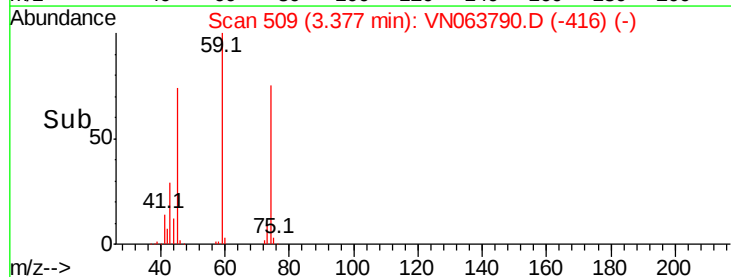
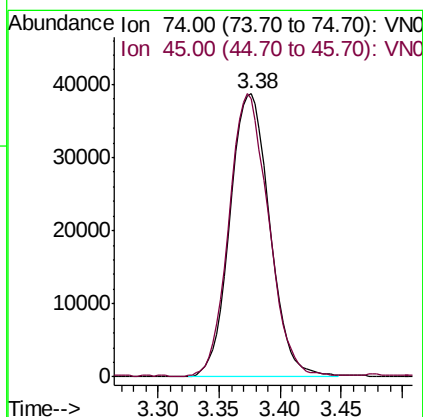
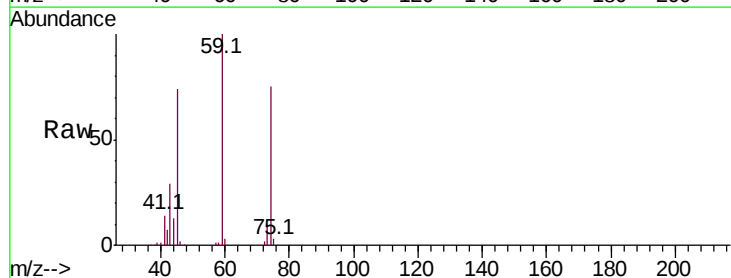
Tot Ion:101 Resp: 245838
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.7 76.1

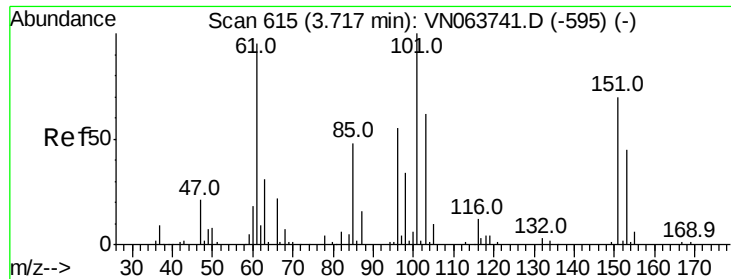


#8

Diethyl Ether
 Concen: 52.336 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063790.D
 Acq: 1 Oct 2020 22:57

Tgt Ion: 74 Resp: 87789
 Ion Ratio Lower Upper
 74 100
 45 100.1 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.676 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

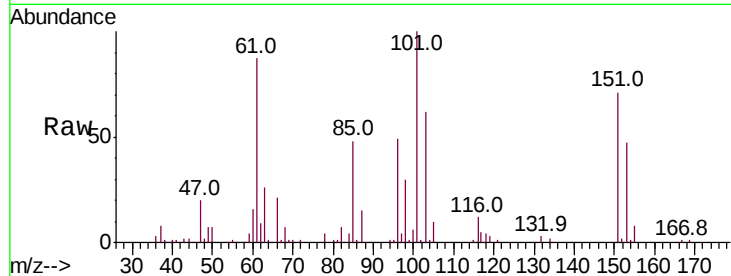
Tot Ion:101 Resp: 129038

Ion Ratio Lower Upper

101 100

85 47.5 38.6 58.0

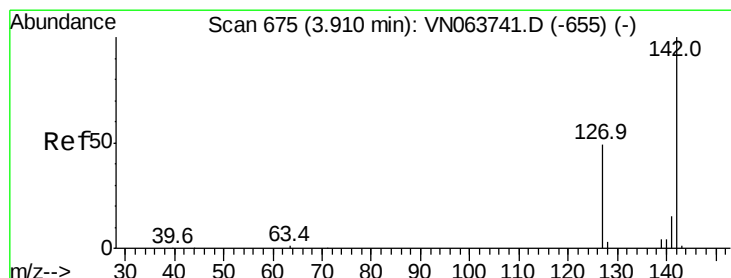
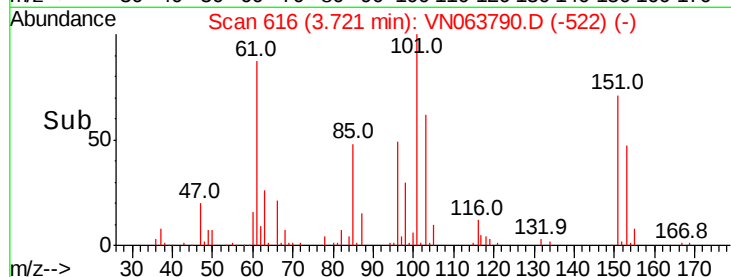
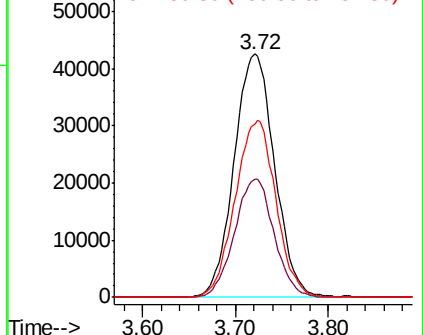
151 73.1 58.7 88.1



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: 51.816 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

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Acq: 1 Oct 2020 22:57

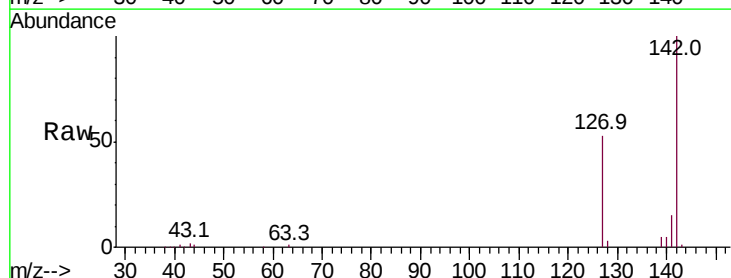
Tgt Ion:142 Resp: 159494

Ion Ratio Lower Upper

142 100

127 51.8 40.5 60.7

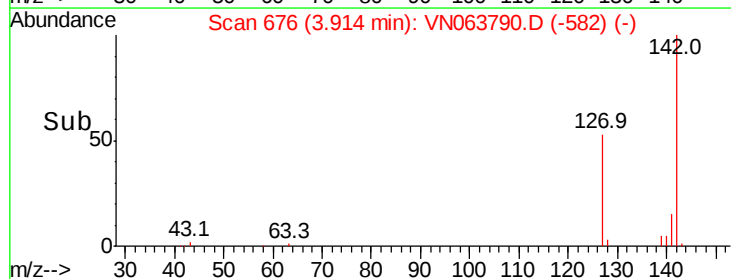
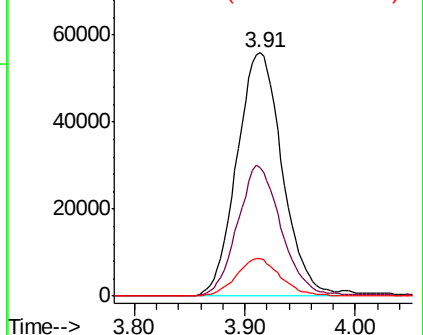
141 15.0 11.7 17.5

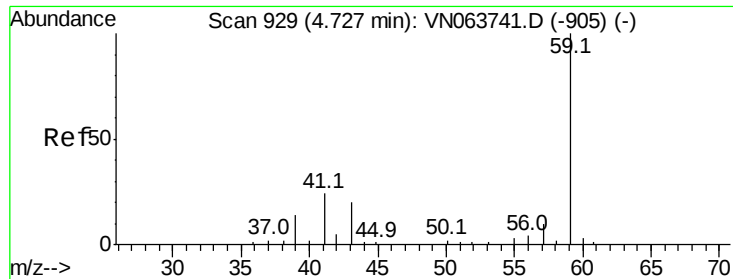


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

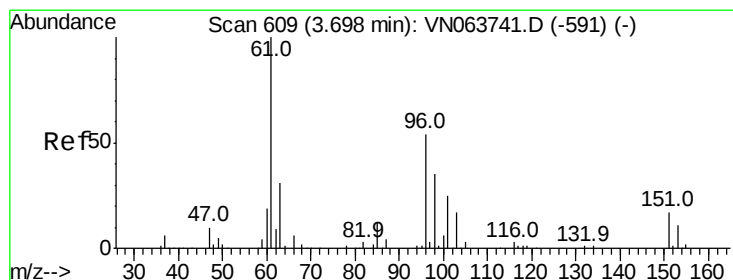
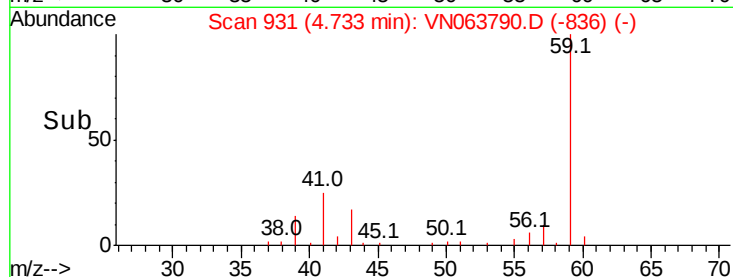
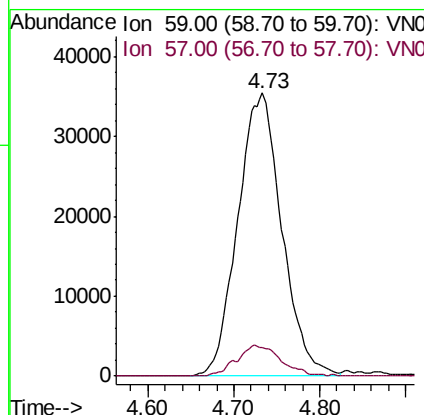
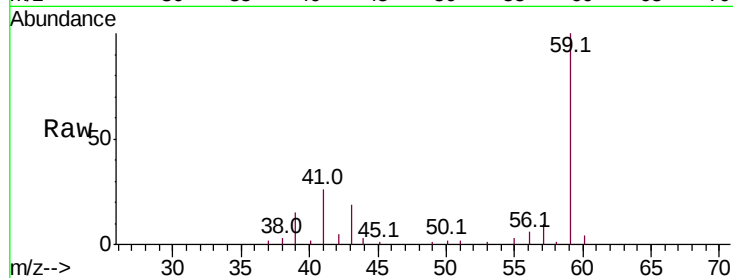




#11
Tert butyl alcohol
Concen: 274.605 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.01 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

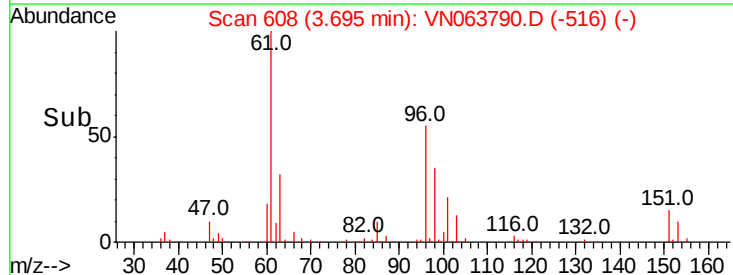
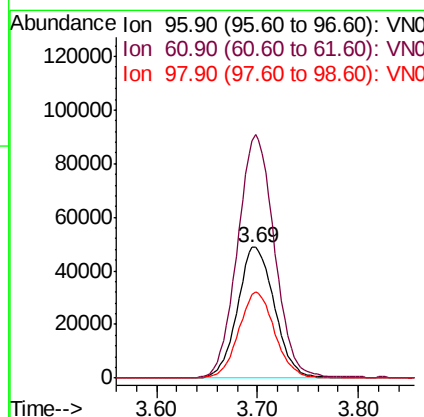
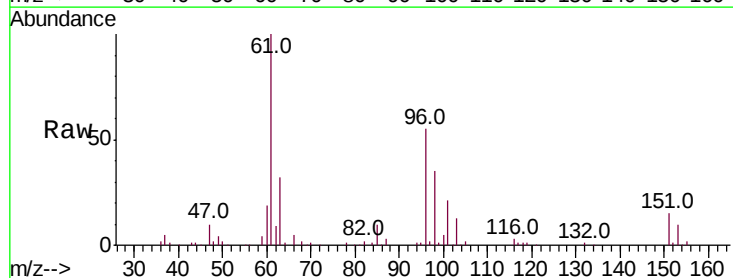
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

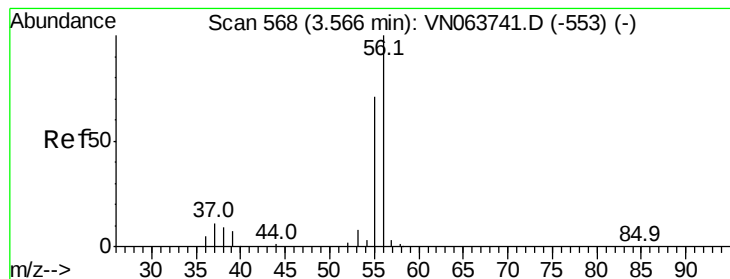
Tot Ion: 59 Resp: 126035
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1



#12
1,1-Dichloroethene
Concen: 49.079 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

Tgt Ion: 96 Resp: 124364
Ion Ratio Lower Upper
96 100
61 181.6 147.7 221.5
98 64.2 51.9 77.9





#13

Acrolein

Concen: 255.555 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

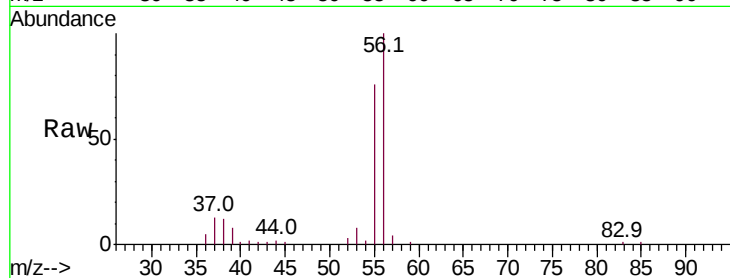
VSTDCCC050

Tot Ion: 56 Resp: 71987

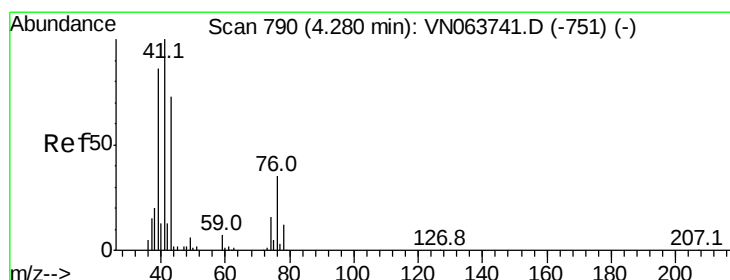
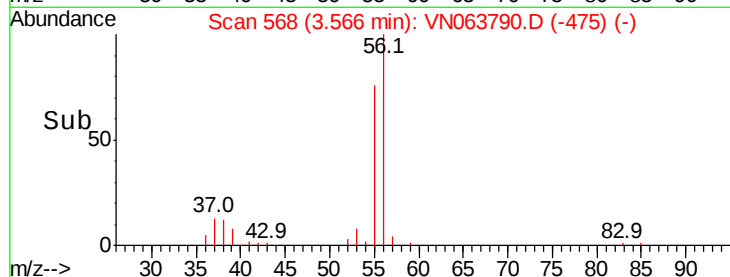
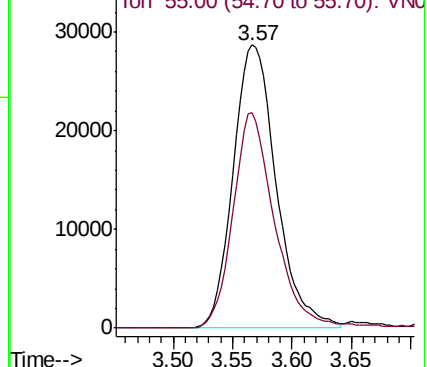
Ion Ratio Lower Upper

56 100

55 72.8 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN063790.D (-553) (-)



#14

Allyl chloride

Concen: 47.497 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

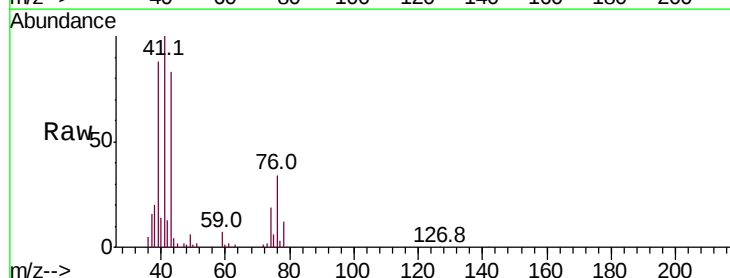
Tgt Ion: 41 Resp: 223593

Ion Ratio Lower Upper

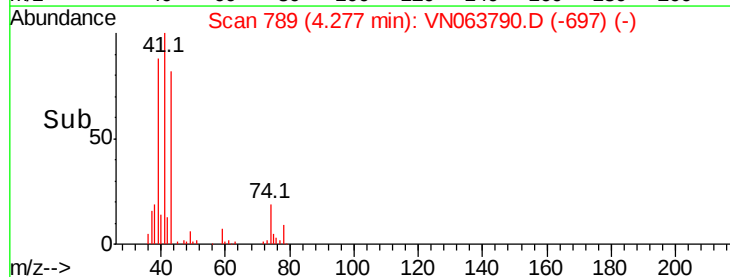
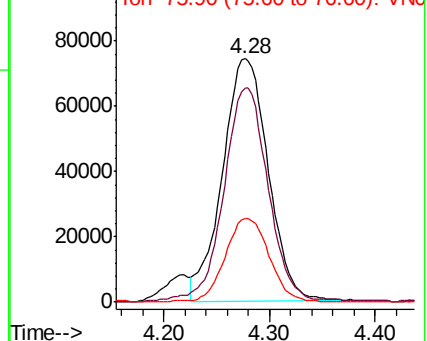
41 100

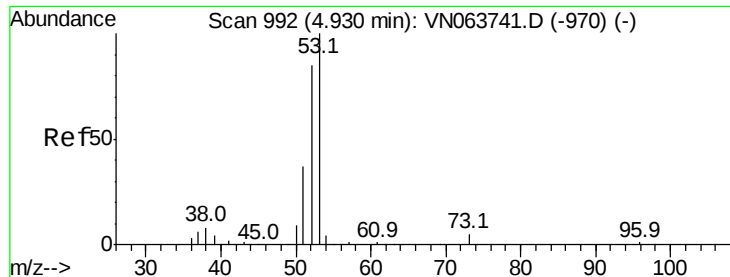
39 85.3 64.5 96.7

76 32.6 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VN063790.D (-697) (-)





#15

Acrylonitrile

Concen: 269.447 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

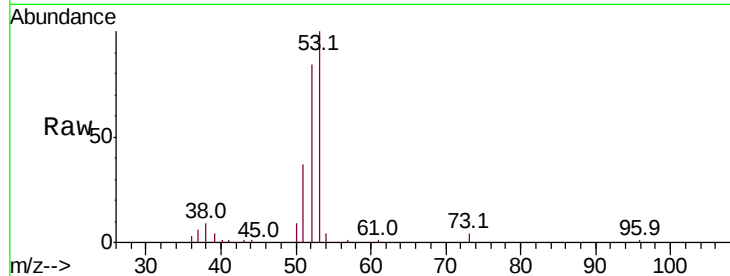
Tot Ion: 53 Resp: 353992

Ion Ratio Lower Upper

53 100

52 82.1 66.5 99.7

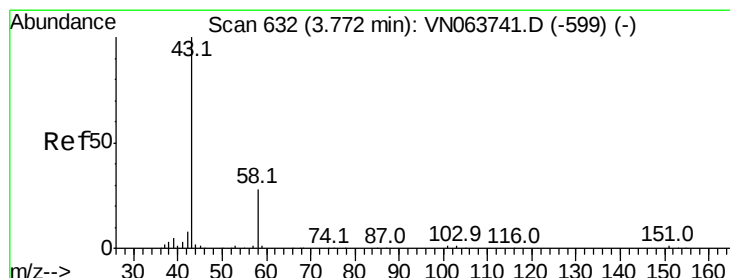
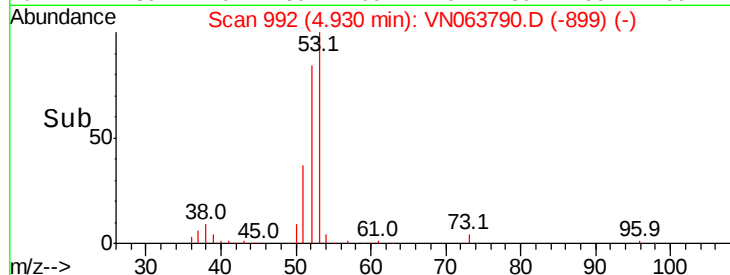
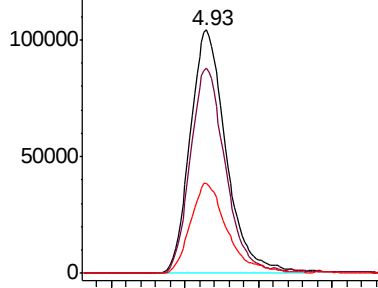
51 38.2 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN063790.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN063790.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN063790.D (-899) (-)



#16

Acetone

Concen: 257.720 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063790.D

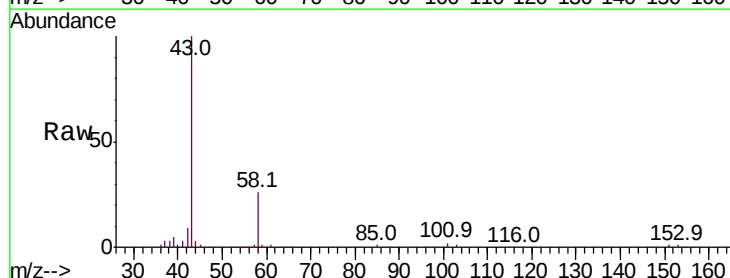
Acq: 1 Oct 2020 22:57

Tgt Ion: 43 Resp: 329810

Ion Ratio Lower Upper

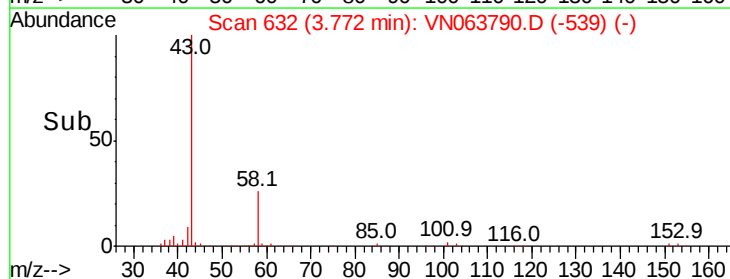
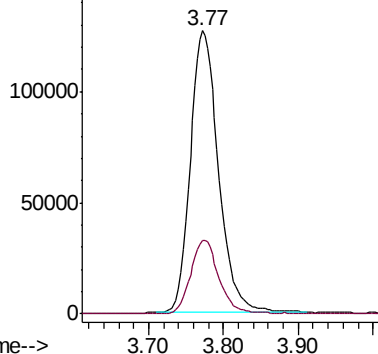
43 100

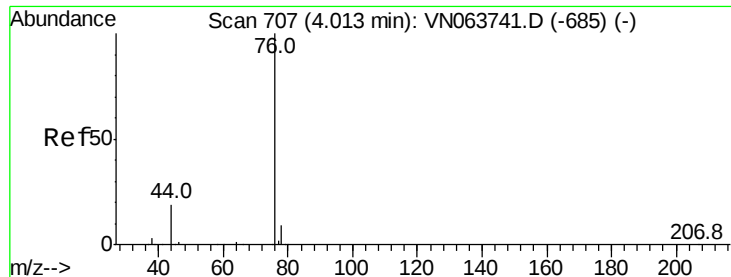
58 26.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063790.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063790.D (-539) (-)

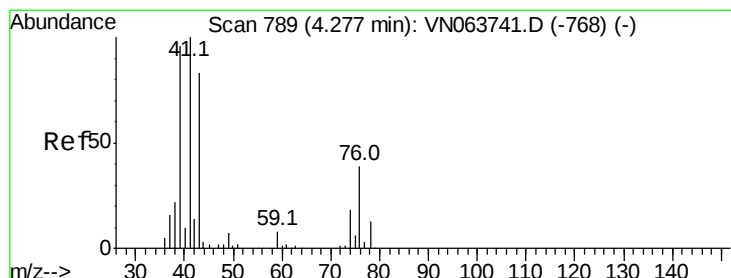
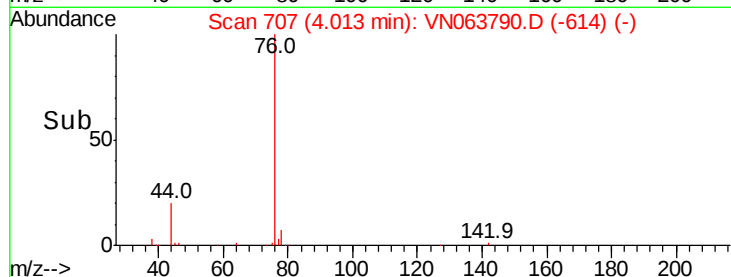
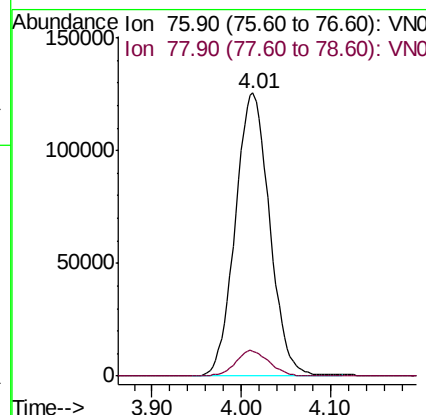
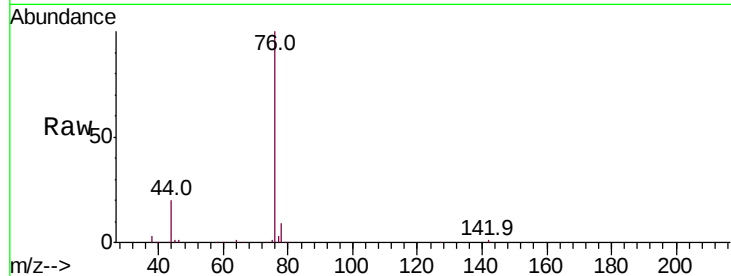




#17
Carbon Disulfide
Concen: 48.942 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

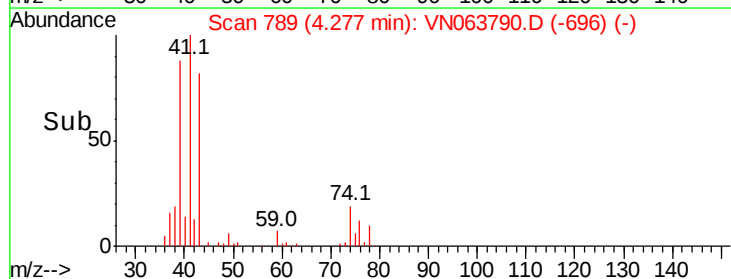
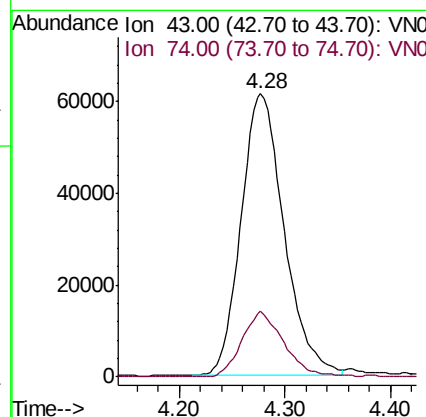
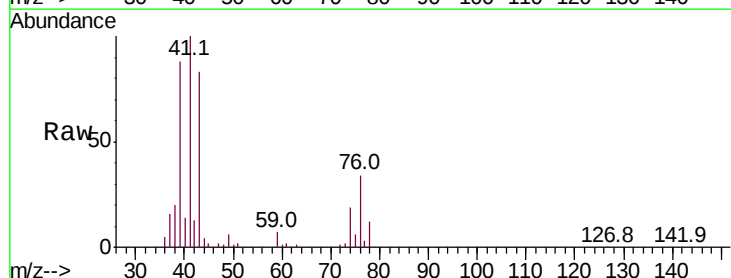
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

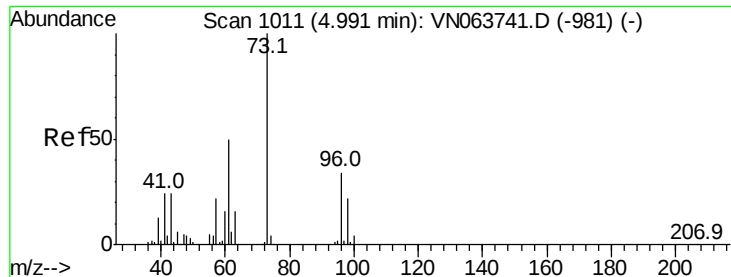
Tot Ion: 76 Resp: 335086
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 52.481 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

Tgt Ion: 43 Resp: 174375
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.2

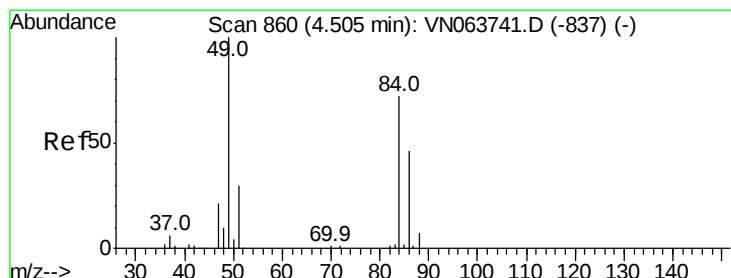
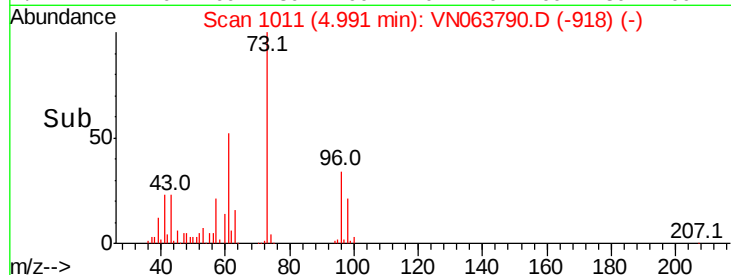
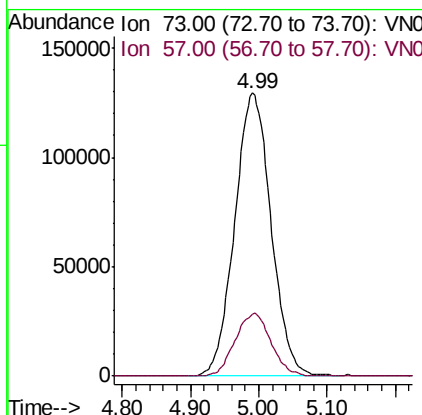
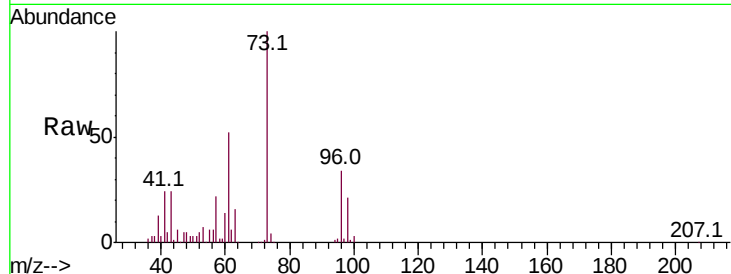




#19
Methyl tert-butyl Ether
Concen: 51.949 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

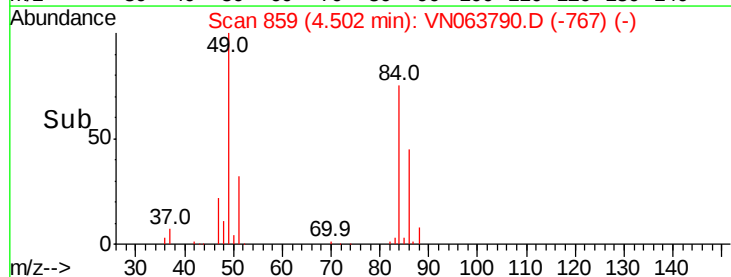
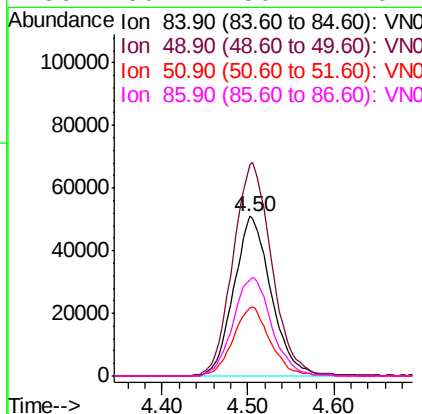
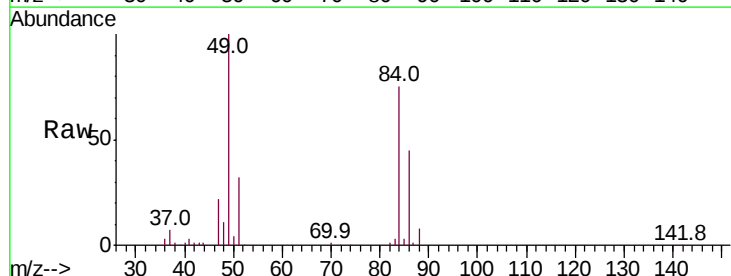
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

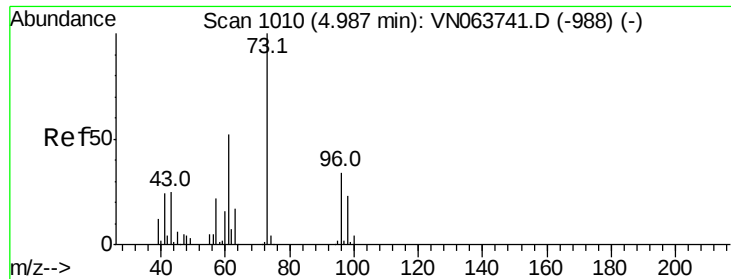
Tot Ion: 73 Resp: 478241
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4



#20
Methylene Chloride
Concen: 52.352 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

Tgt Ion: 84 Resp: 153468
Ion Ratio Lower Upper
84 100
49 132.9 110.4 165.6
51 42.5 33.3 49.9
86 60.2 50.7 76.1

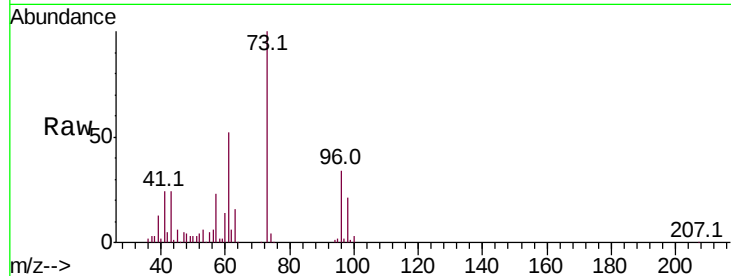




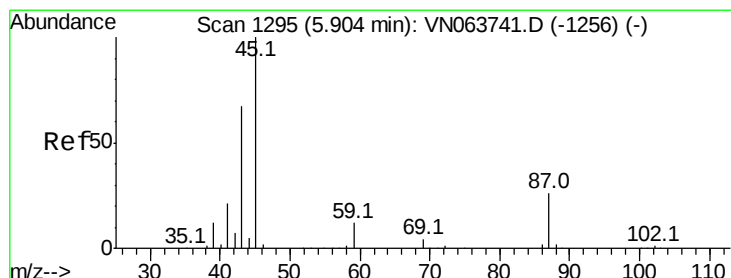
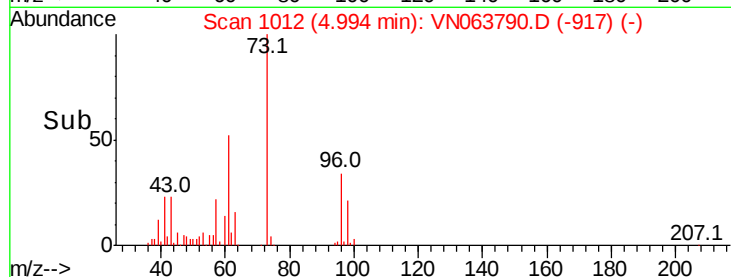
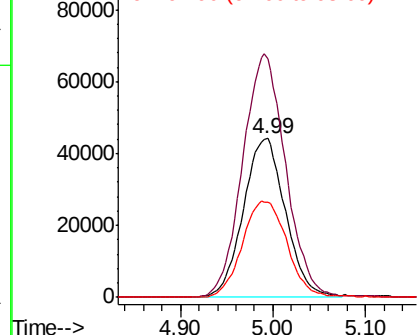
#21
trans-1,2-Dichloroethene
Concen: 49.166 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 139544
Ion Ratio Lower Upper
96 100
61 150.7 120.2 180.2
98 59.7 52.6 79.0

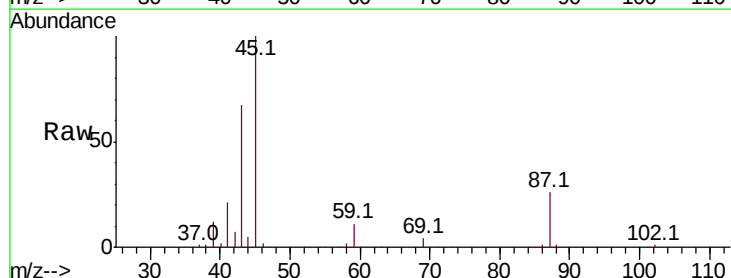


Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO

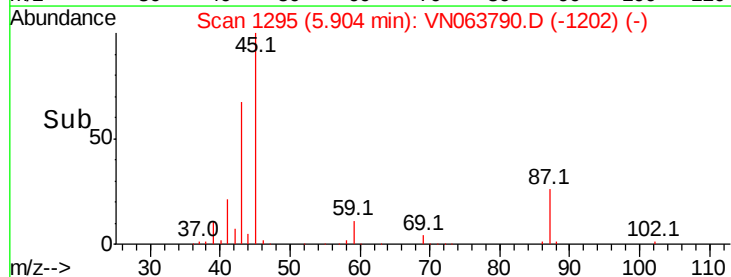
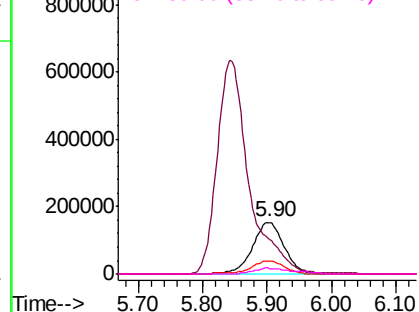


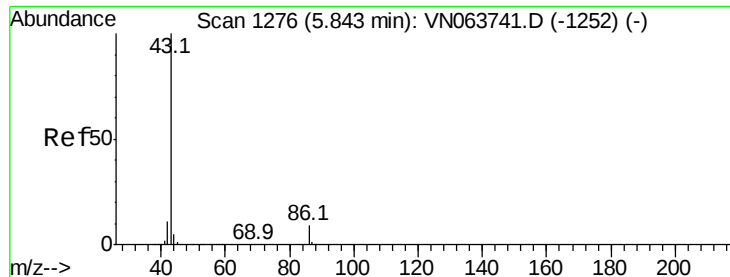
#22
Diisopropyl ether
Concen: 54.112 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

Tgt Ion: 45 Resp: 524097
Ion Ratio Lower Upper
45 100
43 65.2 53.7 80.5
87 25.7 21.1 31.7
59 10.9 9.2 13.8



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





#23

Vinyl Acetate

Concen: 271.589 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

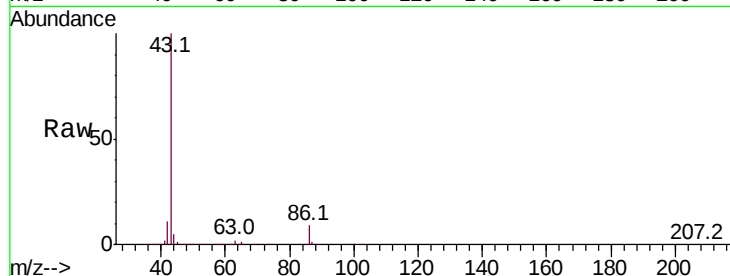
VSTDCCC050

Tot Ion: 43 Resp: 2178970

Ion Ratio Lower Upper

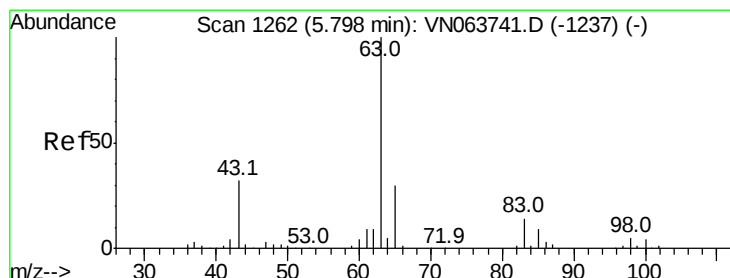
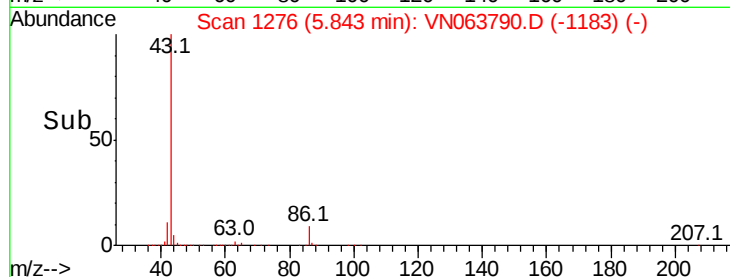
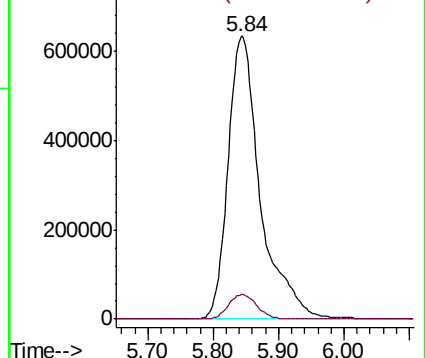
43 100

86 8.7 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 50.928 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

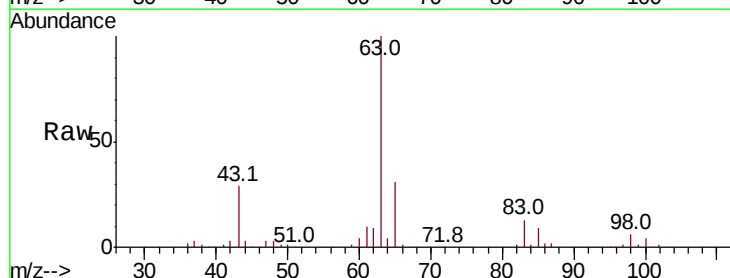
Tgt Ion: 63 Resp: 282034

Ion Ratio Lower Upper

63 100

98 5.9 2.7 8.1

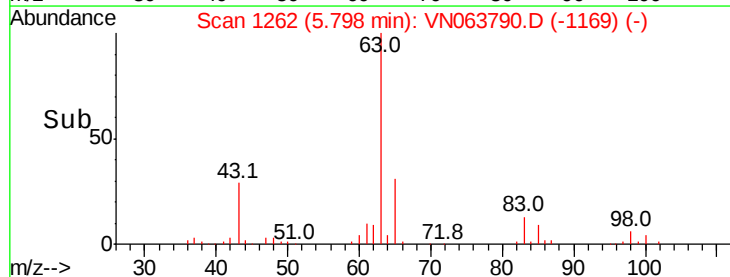
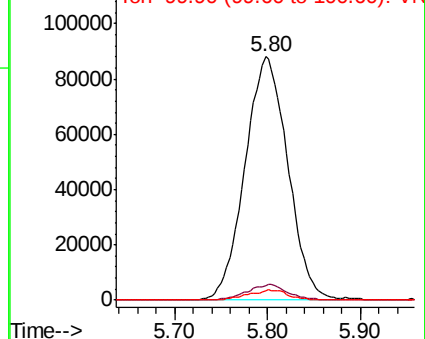
100 4.0 1.9 5.7

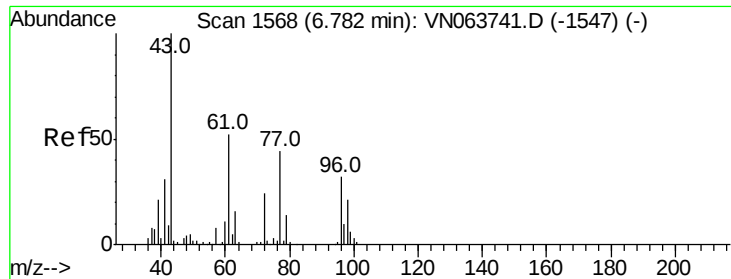


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 273.917 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

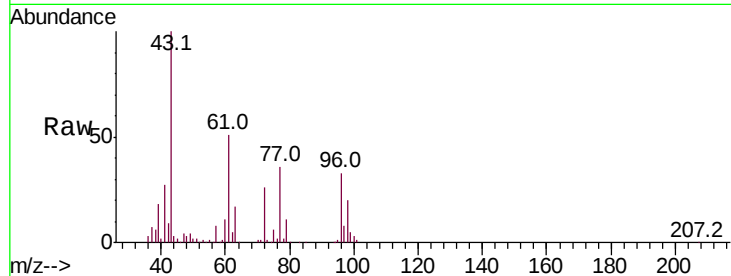
VSTDCCC050

Tot Ion: 43 Resp: 496976

Ion Ratio Lower Upper

43 100

72 25.6 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.78

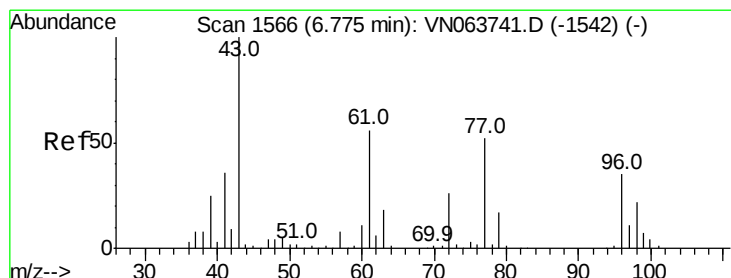
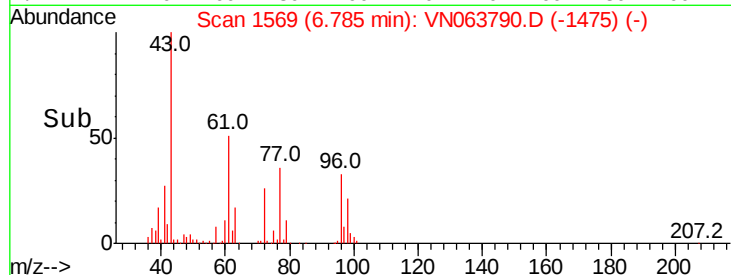
150000

100000

50000

0

Time--> 6.65 6.70 6.75 6.80 6.85



#26

2,2-Dichloropropane

Concen: 41.374 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063790.D

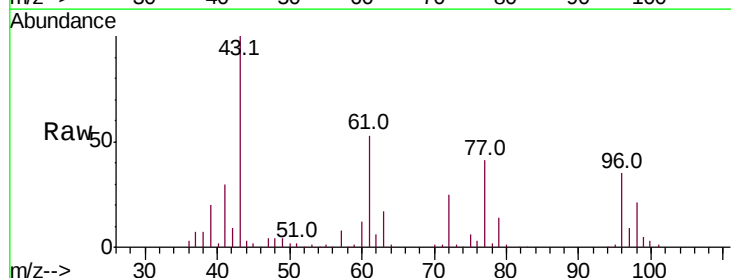
Acq: 1 Oct 2020 22:57

Tgt Ion: 77 Resp: 209824

Ion Ratio Lower Upper

77 100

97 21.8 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.78

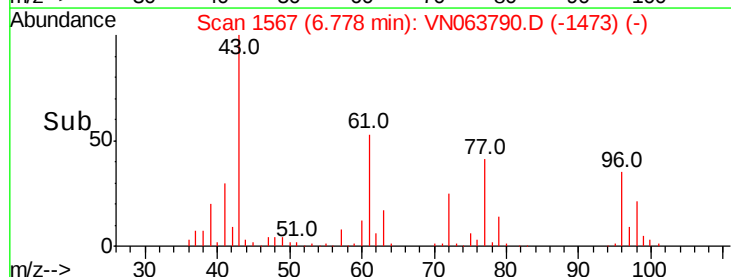
60000

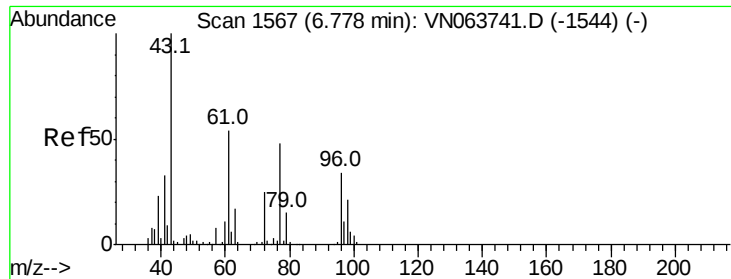
40000

20000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 51.243 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

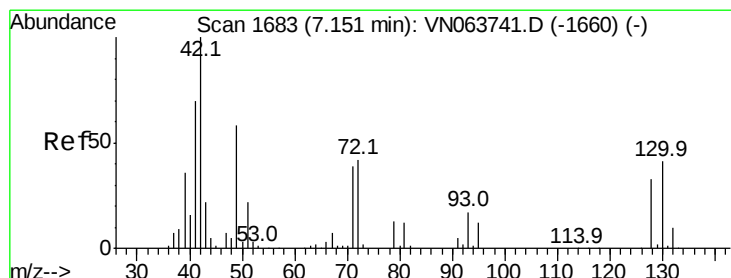
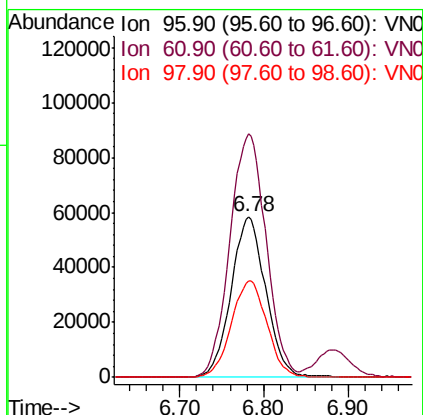
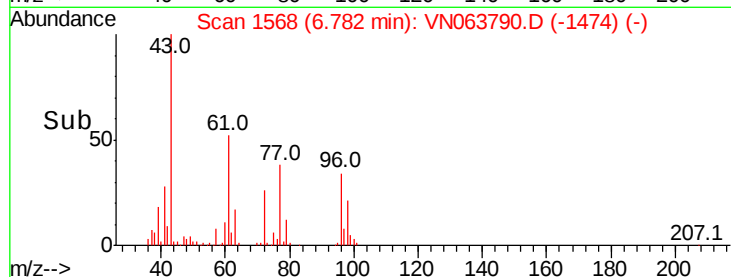
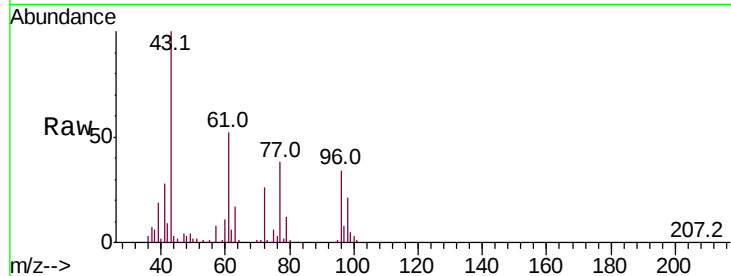
Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 167271

Ion	Ratio	Lower	Upper
96	100		
61	158.9	0.0	321.2
98	61.9	0.0	124.4



#28

Bromochloromethane

Concen: 52.132 ug/l

RT: 7.15 min Scan# 1682

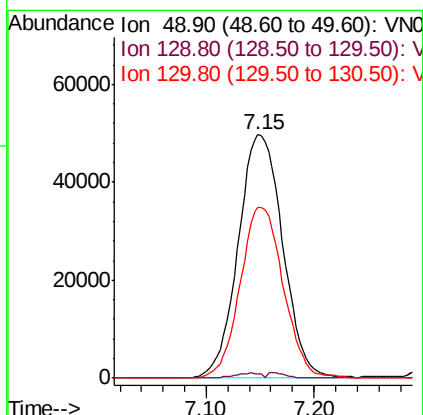
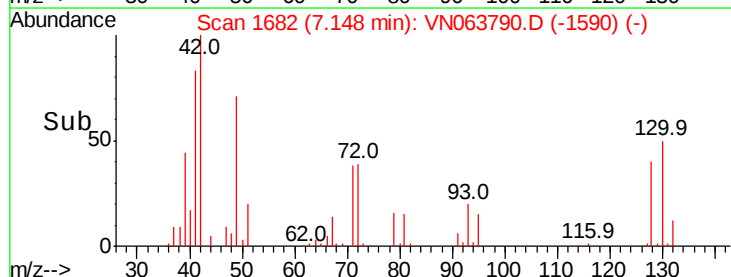
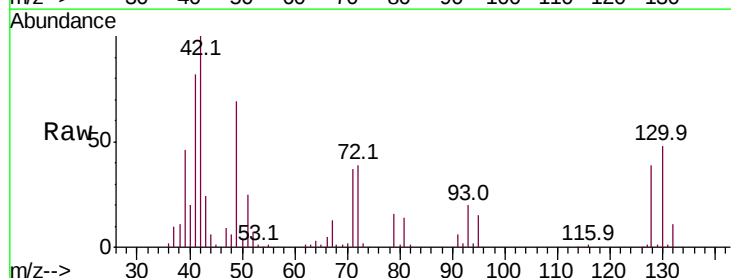
Delta R.T. -0.00 min

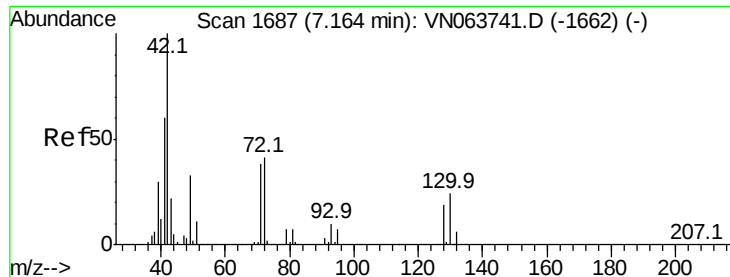
Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Tgt Ion: 49 Resp: 142689

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.8
130	68.2	55.6	83.4





#29

Tetrahydrofuran

Concen: 272.669 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

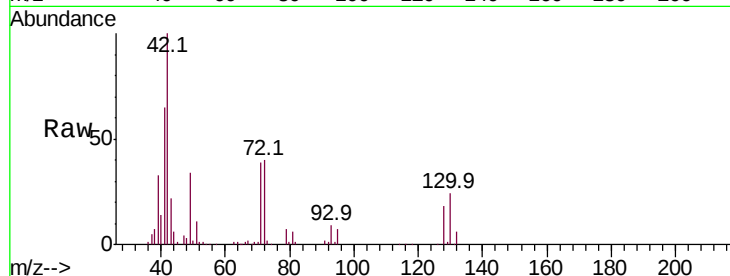
Tot Ion: 42 Resp: 331800

Ion Ratio Lower Upper

42 100

72 39.2 32.8 49.2

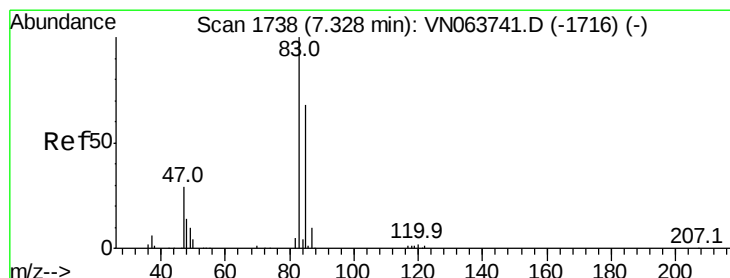
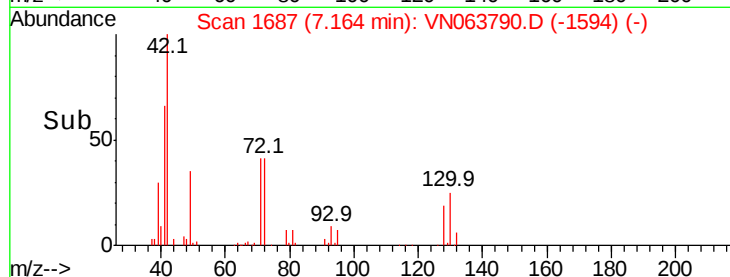
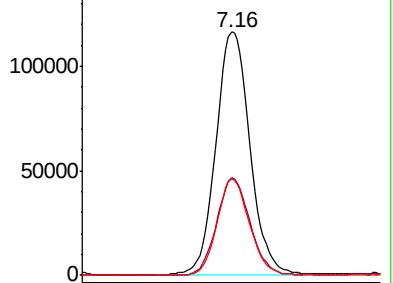
71 37.9 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VN063790.D (-1662) (-)

Ion 72.00 (71.70 to 72.70): VN063790.D (-1662) (-)

Ion 71.00 (70.70 to 71.70): VN063790.D (-1662) (-)



#30

Chloroform

Concen: 54.032 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063790.D

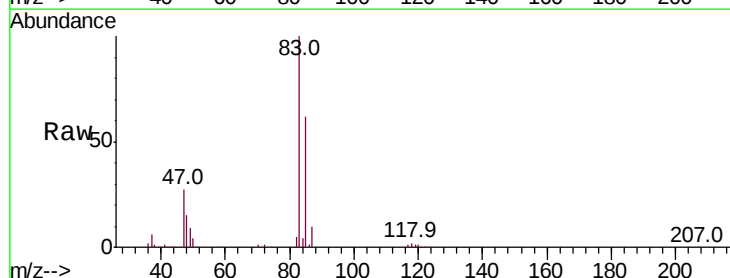
Acq: 1 Oct 2020 22:57

Tgt Ion: 83 Resp: 311996

Ion Ratio Lower Upper

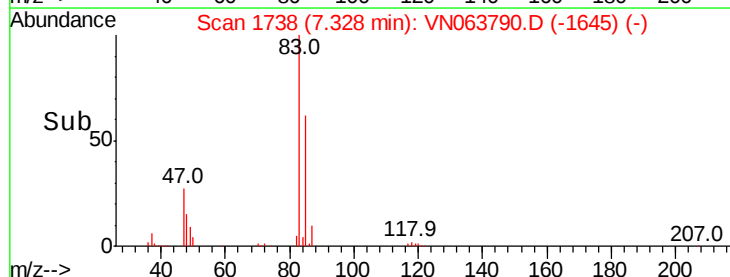
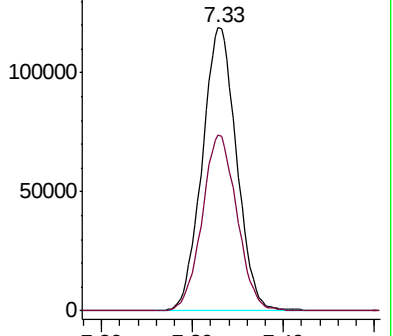
83 100

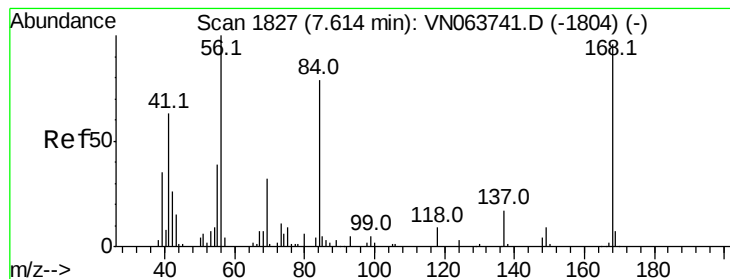
85 62.4 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN063790.D (-1645) (-)

Ion 84.90 (84.60 to 85.60): VN063790.D (-1645) (-)





#31

Cyclohexane

Concen: 47.766 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

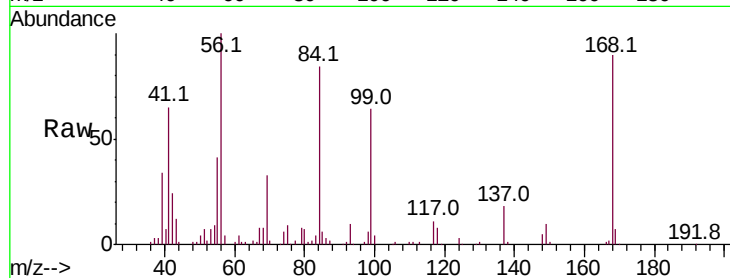
Tot Ion: 56 Resp: 230533

Ion Ratio Lower Upper

56 100

69 33.4 25.4 38.2

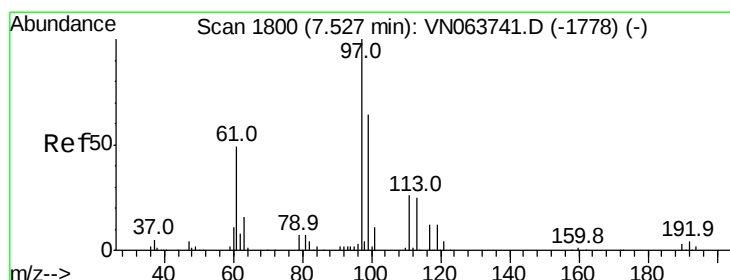
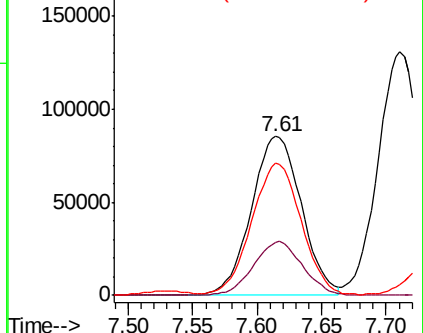
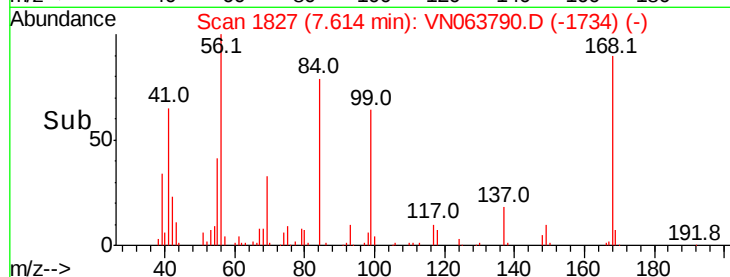
84 81.9 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN063790.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063790.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063790.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 52.262 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

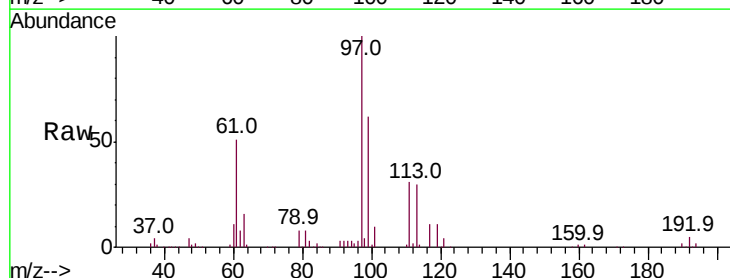
Tgt Ion: 97 Resp: 272195

Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.6

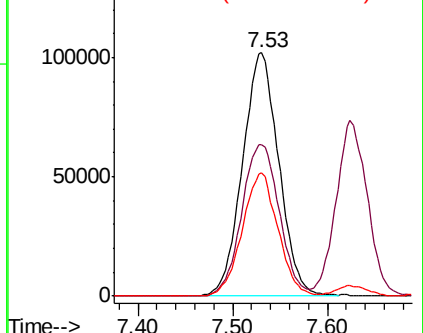
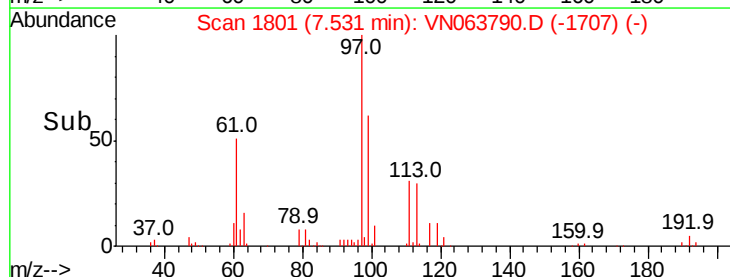
61 49.6 38.7 58.1

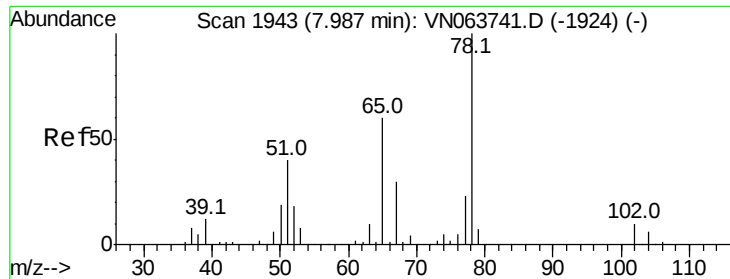


Abundance Ion 96.90 (96.60 to 97.60): VN063790.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063790.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063790.D (-1707) (-)

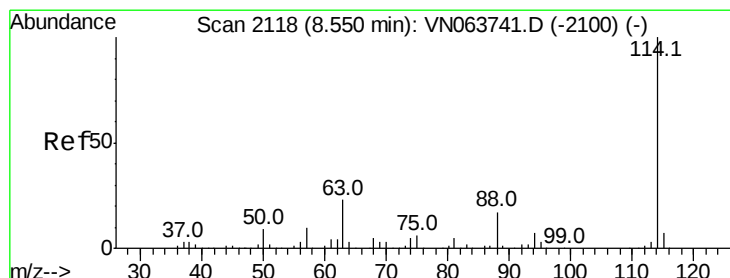
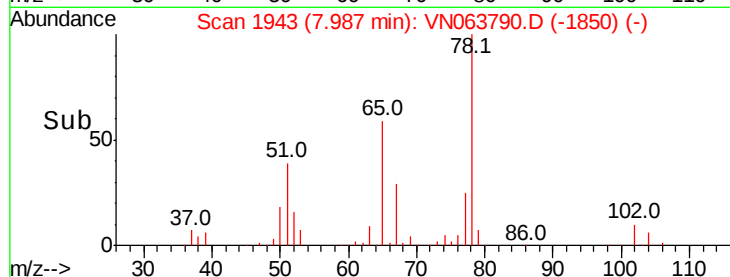
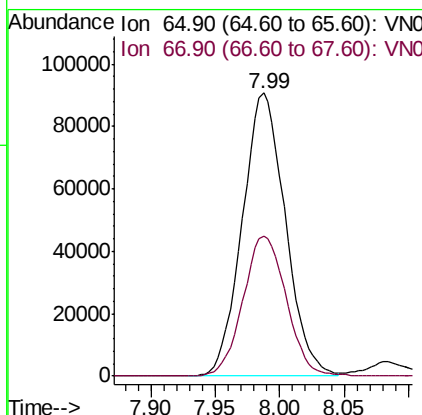
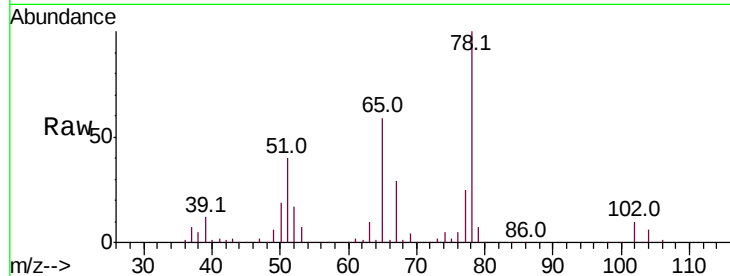




#33
 1,2-Dichloroethane-d4
 Concen: 50.817 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063790.D
 Acq: 1 Oct 2020 22:57

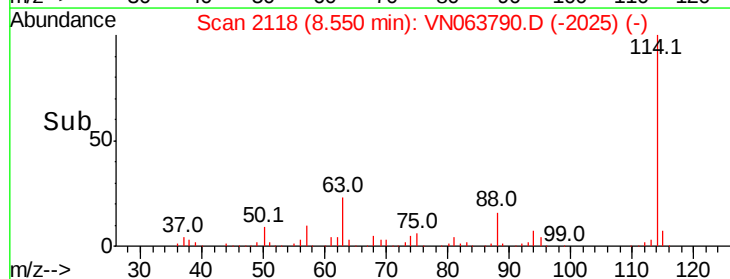
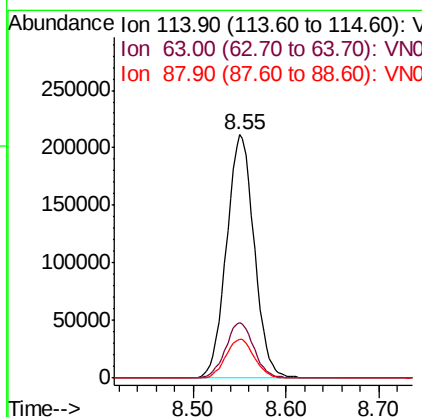
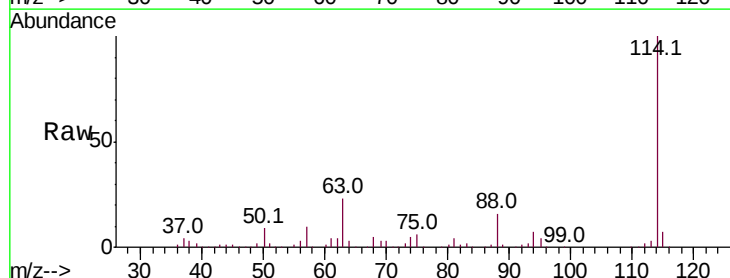
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

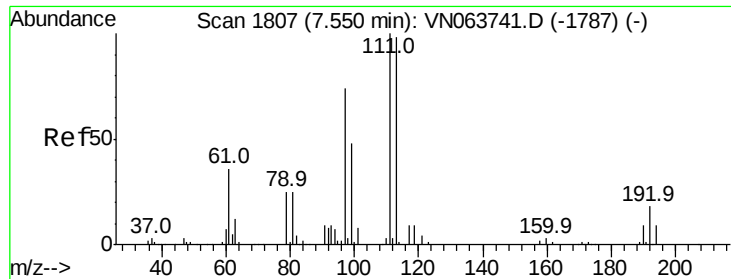
Tot Ion: 65 Resp: 211258
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063790.D
 Acq: 1 Oct 2020 22:57

Tgt Ion: 114 Resp: 438535
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 16.1 0.0 34.0

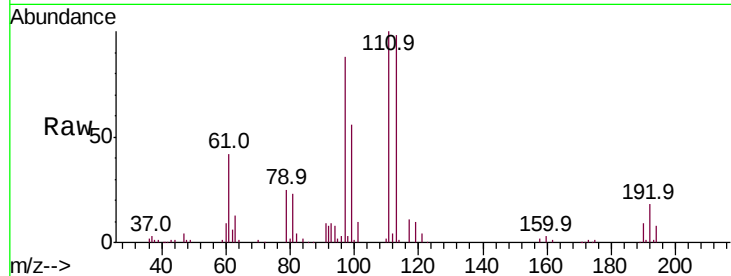




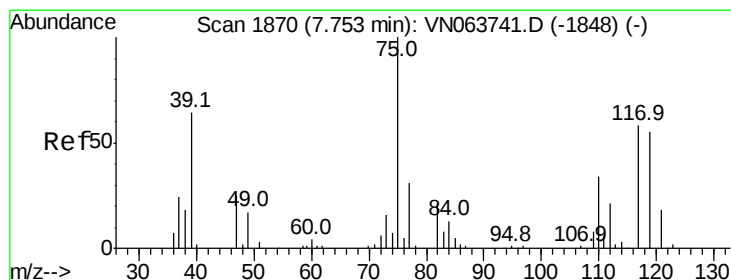
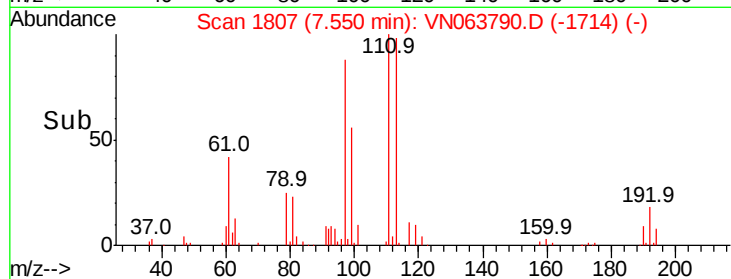
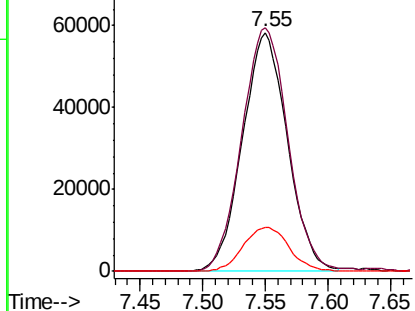
#35
 Dibromofluoromethane
 Concen: 47.704 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063790.D
 Acq: 1 Oct 2020 22:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 145158
 Ion Ratio Lower Upper
 113 100
 111 105.4 81.8 122.8
 192 18.9 14.2 21.2

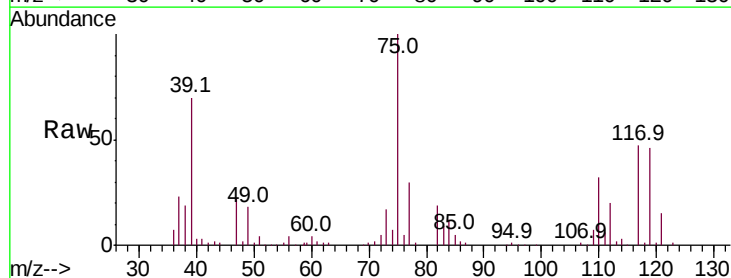


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

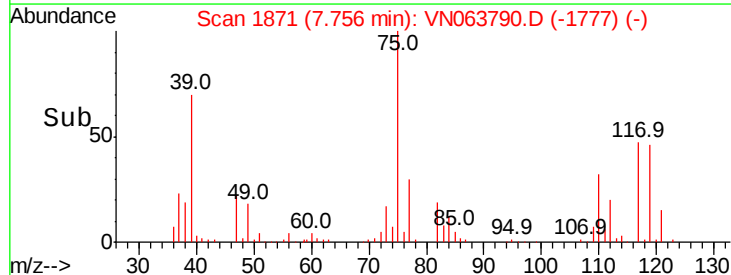
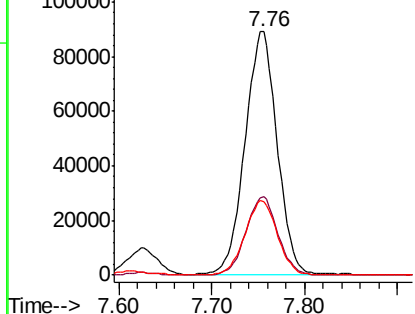


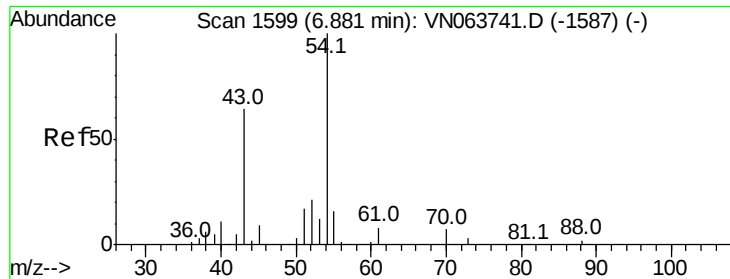
#36
 1,1-Dichloropropene
 Concen: 48.120 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN063790.D
 Acq: 1 Oct 2020 22:57

Tgt Ion: 75 Resp: 213789
 Ion Ratio Lower Upper
 75 100
 110 32.3 16.9 50.6
 77 31.0 24.5 36.7



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

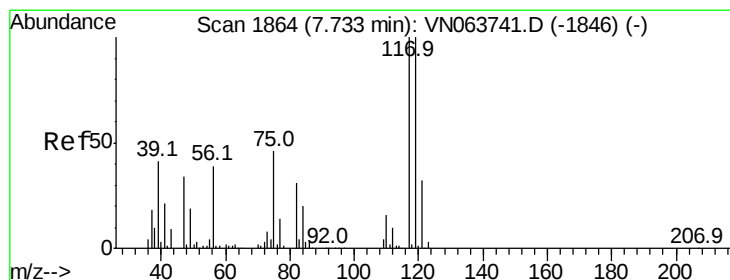
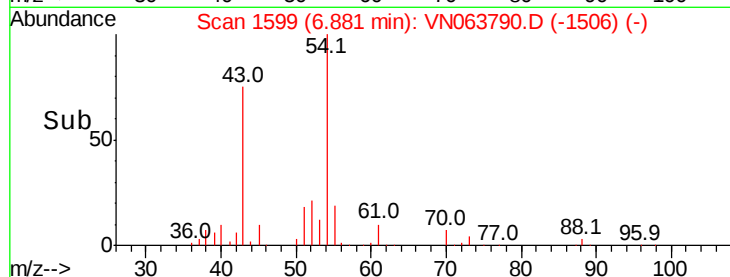
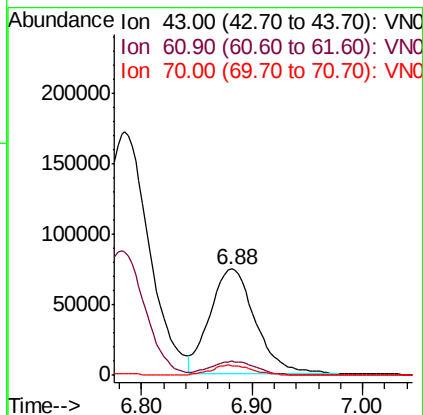
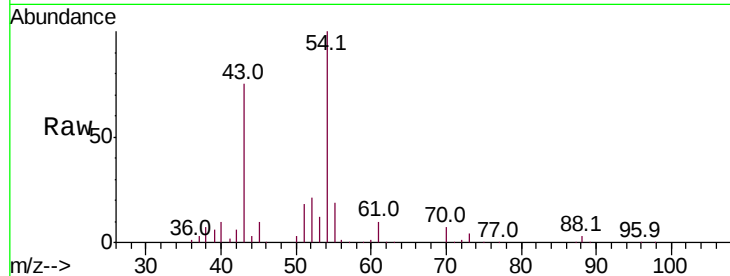




#37
Ethyl Acetate
Concen: 48.138 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

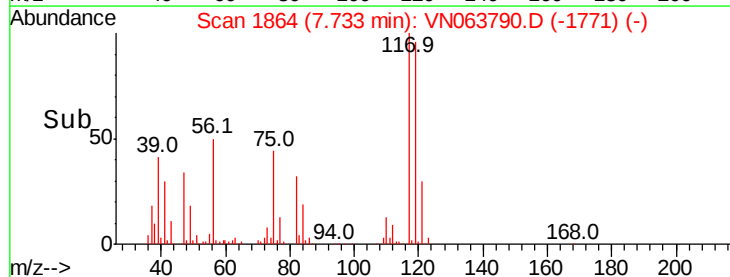
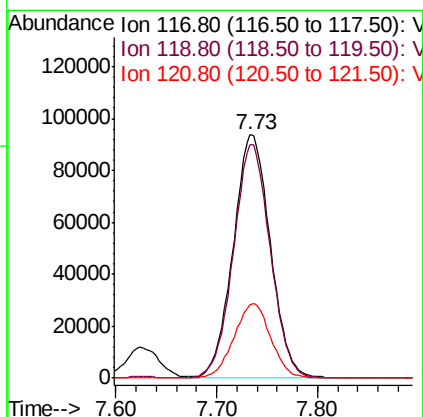
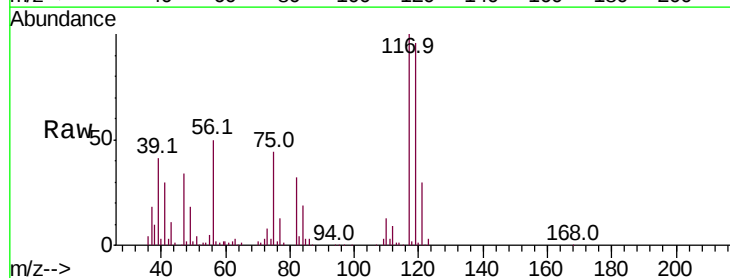
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

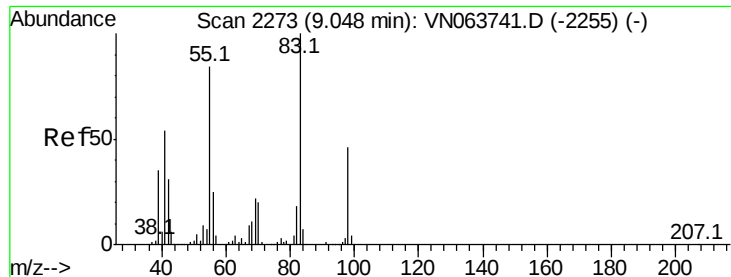
Tot Ion: 43 Resp: 212481
Ion Ratio Lower Upper
43 100
61 12.9 10.4 15.6
70 9.0 7.3 10.9



#38
Carbon Tetrachloride
Concen: 47.935 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

Tgt Ion: 117 Resp: 238807
Ion Ratio Lower Upper
117 100
119 96.3 80.1 120.1
121 30.1 25.7 38.5

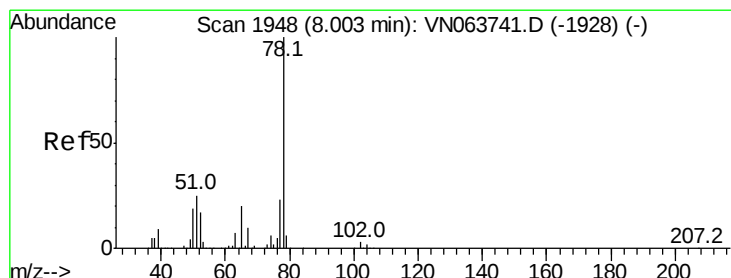
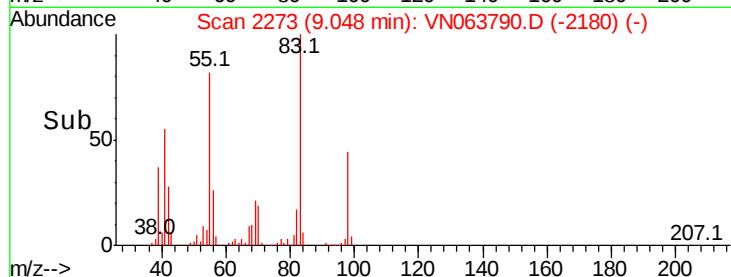
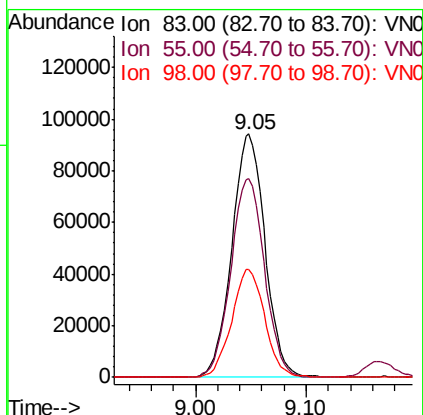
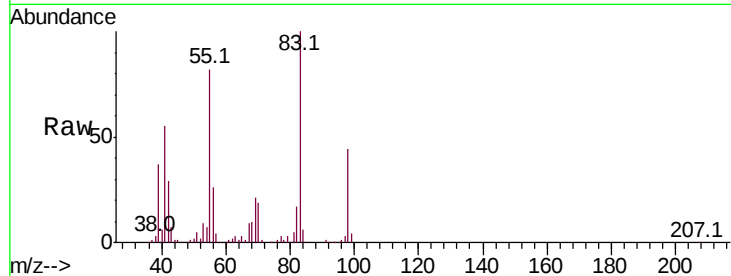




#39
Methvlcvclohexane
Concen: 44.319 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

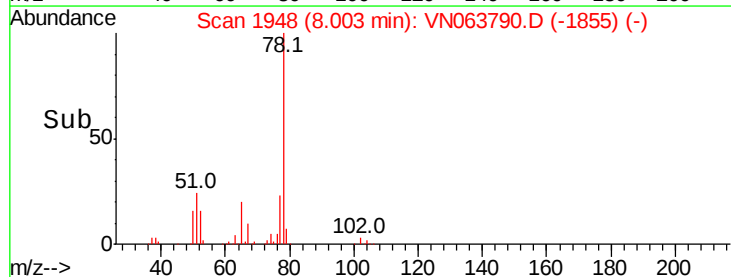
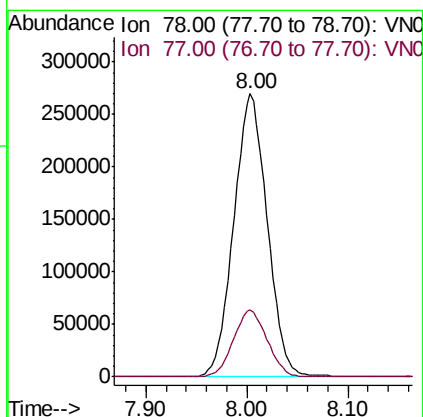
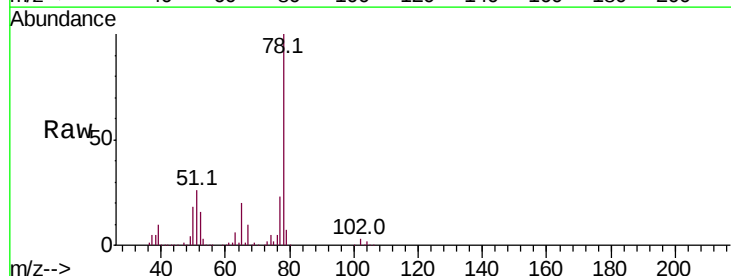
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

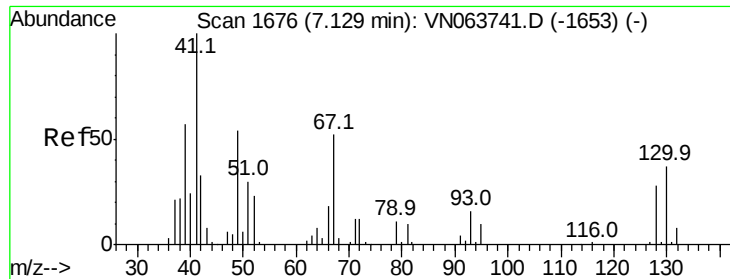
Tot Ion: 83 Resp: 196355
Ion Ratio Lower Upper
83 100
55 81.8 67.1 100.7
98 44.4 36.6 54.8



#40
Benzene
Concen: 48.883 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

Tgt Ion: 78 Resp: 620310
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1

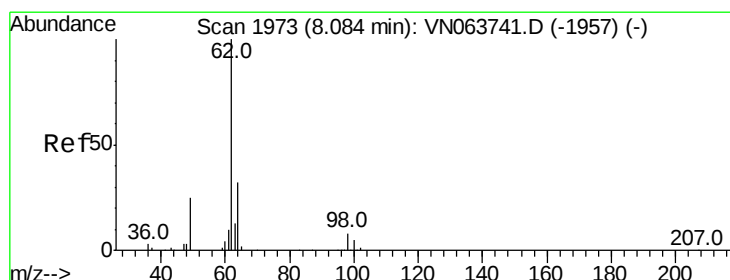
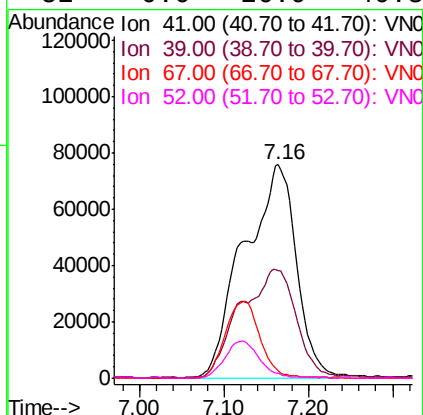
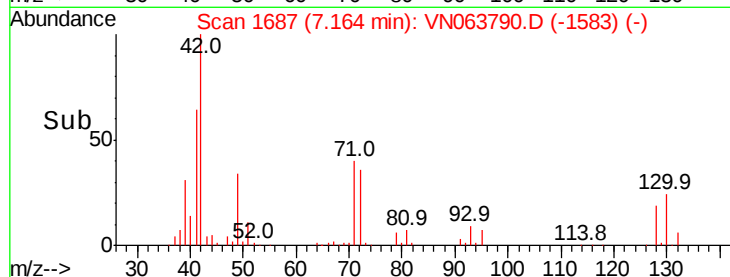
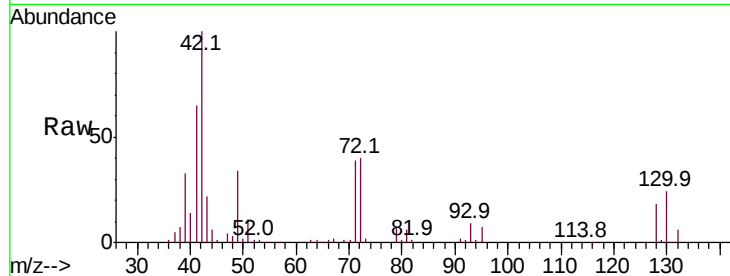




#41
Methacrylonitrile
Concen: 166.654 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

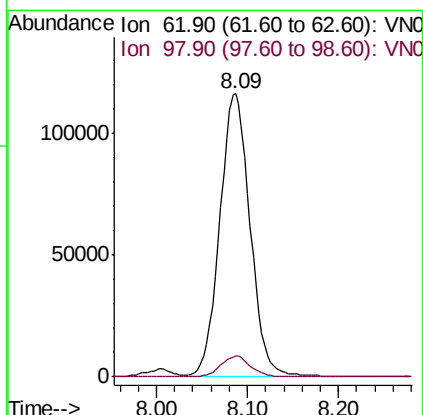
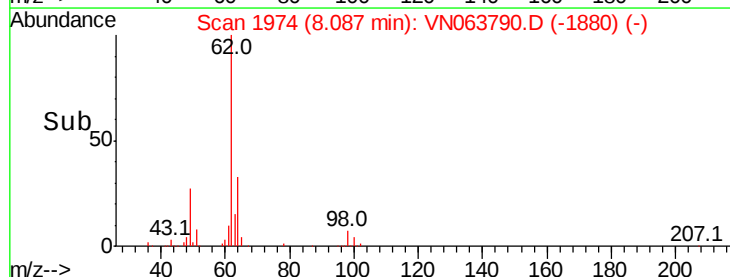
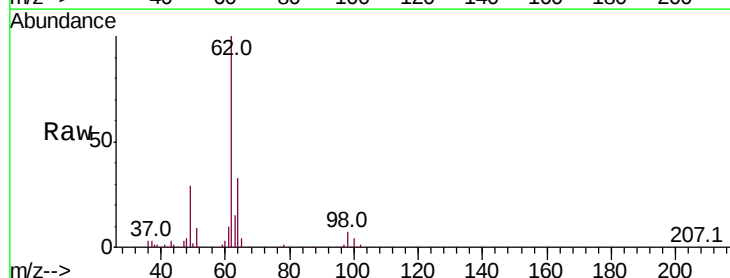
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

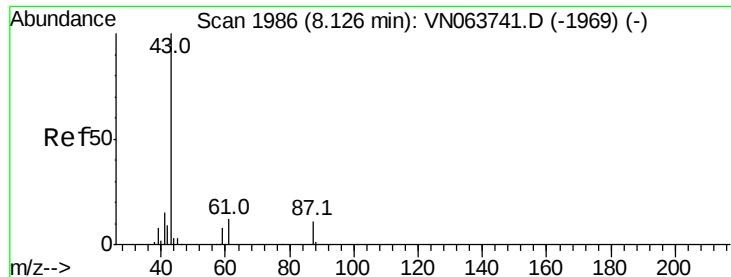
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#



#42
1,2-Dichloroethane
Concen: 49.465 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	15.0





#43

Isopropyl Acetate

Concen: 52.004 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

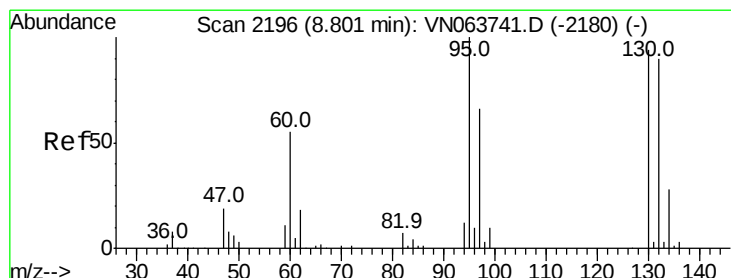
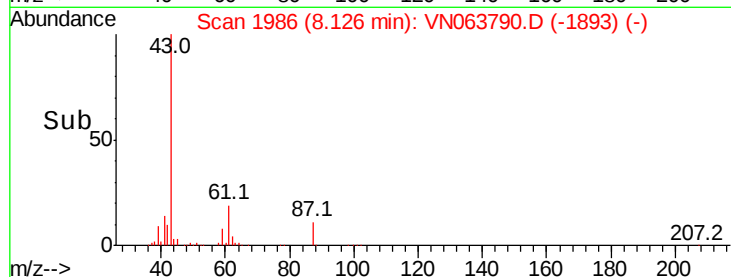
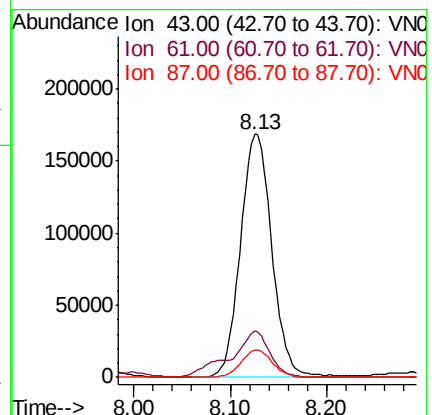
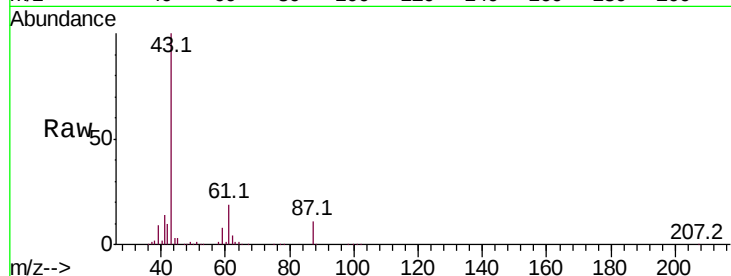
Tot Ion: 43 Resp: 378622

Ion Ratio Lower Upper

43 100

61 17.6 14.2 21.4

87 11.3 9.0 13.6



#44

Trichloroethene

Concen: 46.610 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063790.D

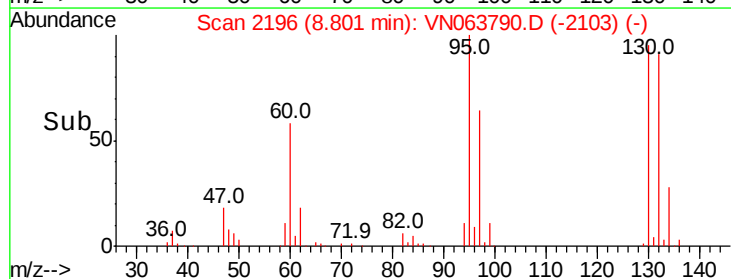
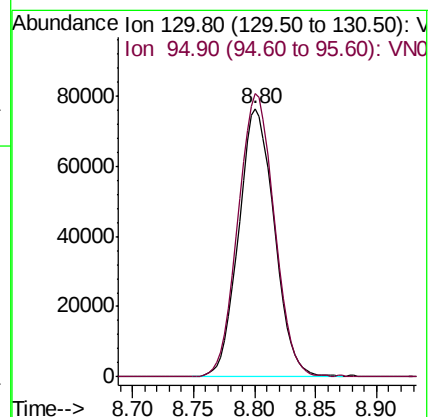
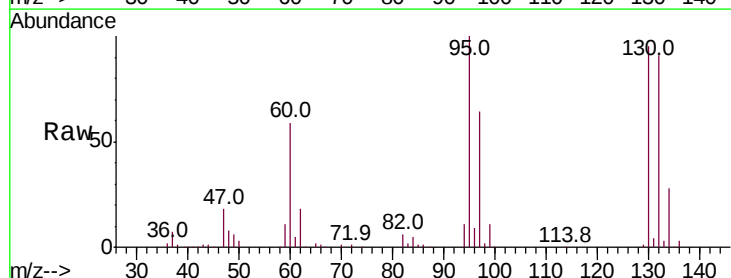
Acq: 1 Oct 2020 22:57

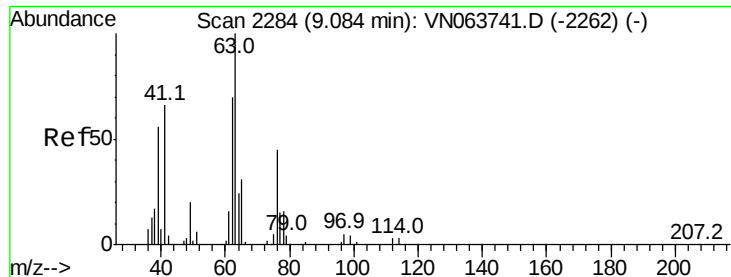
Tgt Ion:130 Resp: 154971

Ion Ratio Lower Upper

130 100

95 105.6 0.0 213.6





#45

1,2-Dichloropropane

Concen: 50.201 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

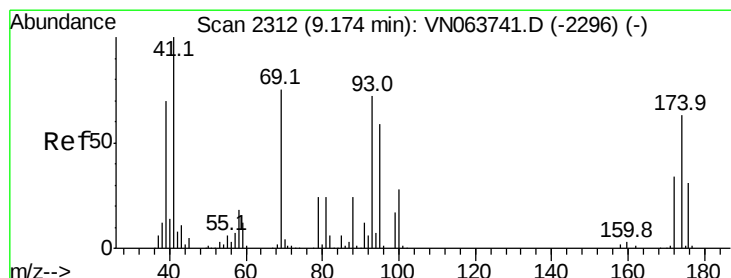
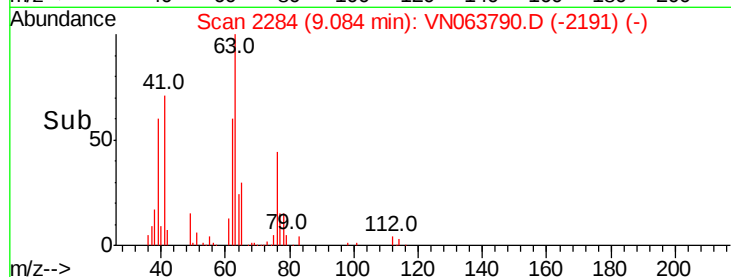
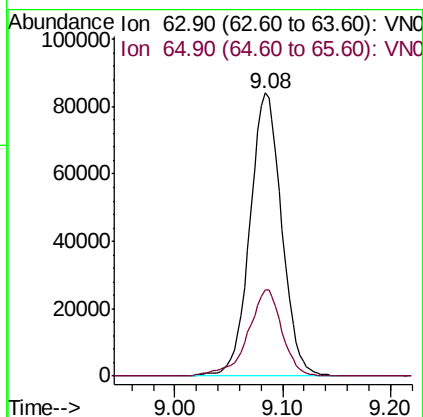
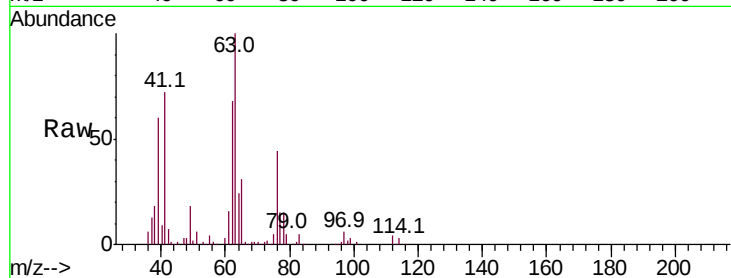
VSTDCCC050

Tot Ion: 63 Resp: 172042

Ion Ratio Lower Upper

63 100

65 30.5 24.7 37.1



#46

Dibromomethane

Concen: 49.577 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

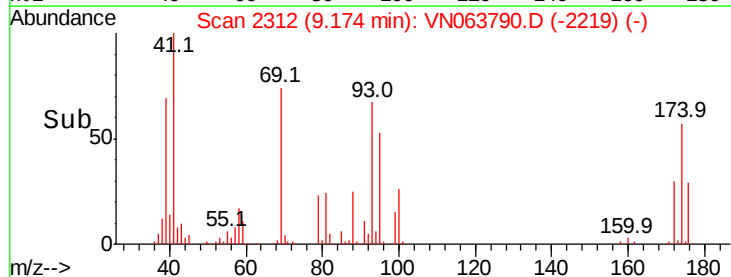
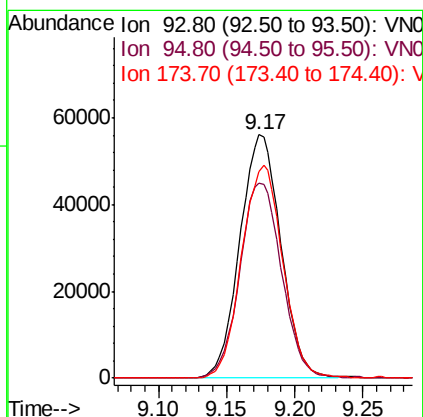
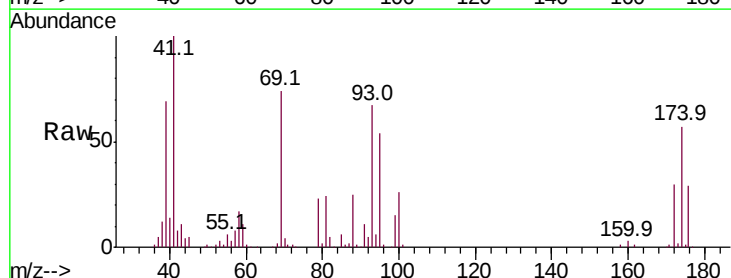
Tgt Ion: 93 Resp: 117209

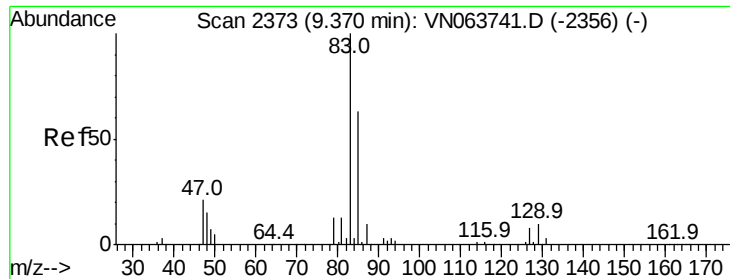
Ion Ratio Lower Upper

93 100

95 81.6 66.3 99.5

174 87.5 72.7 109.1





#47

Bromodichloromethane

Concen: 49.768 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

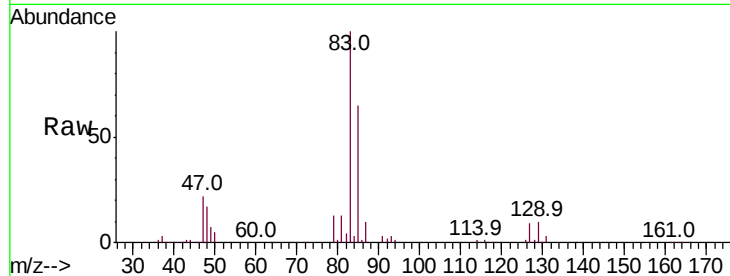
Tot Ion: 83 Resp: 242491

Ion Ratio Lower Upper

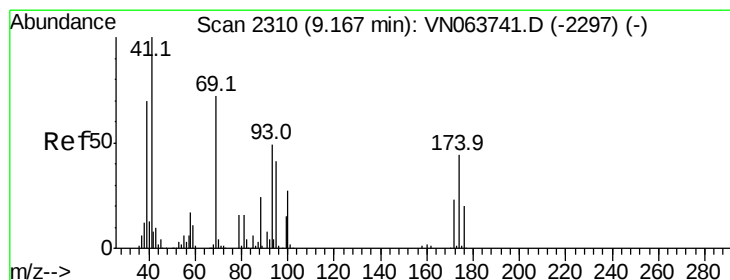
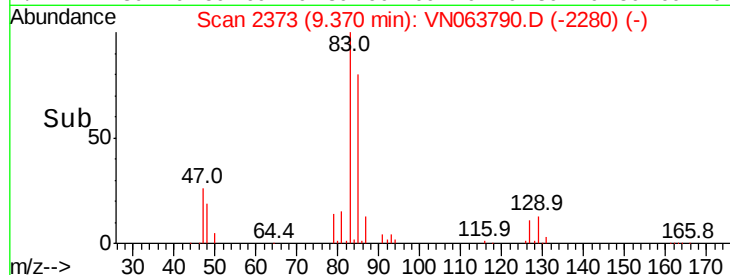
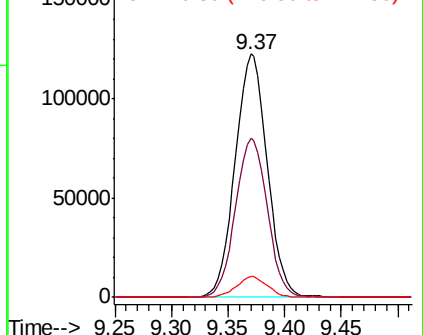
83 100

85 65.5 50.6 75.8

127 8.7 6.6 9.8



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: 53.703 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

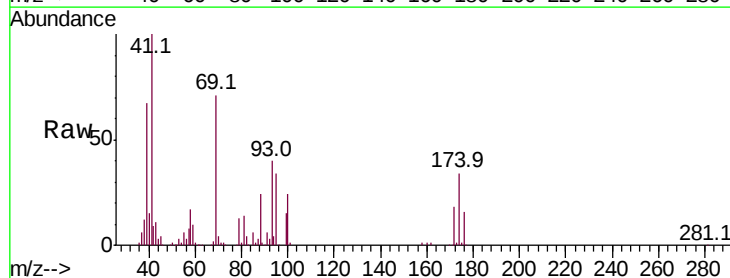
Tgt Ion: 41 Resp: 193173

Ion Ratio Lower Upper

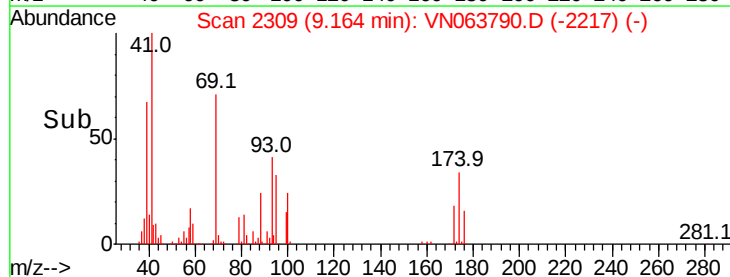
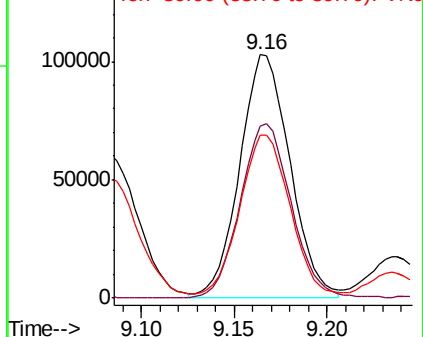
41 100

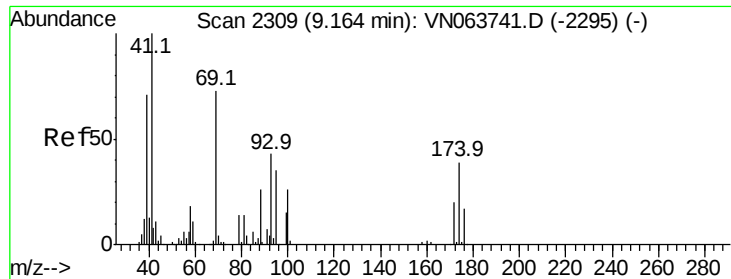
69 73.1 60.9 91.3

39 68.0 57.5 86.3



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

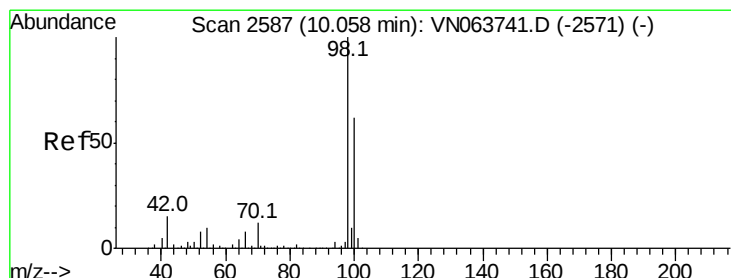
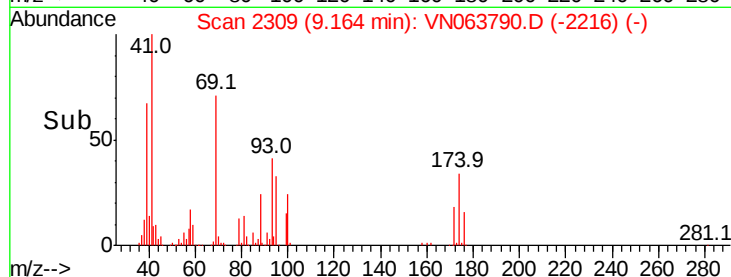
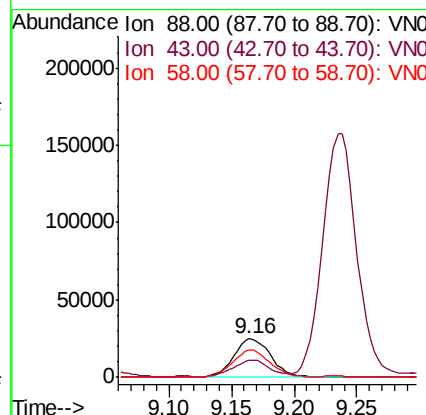
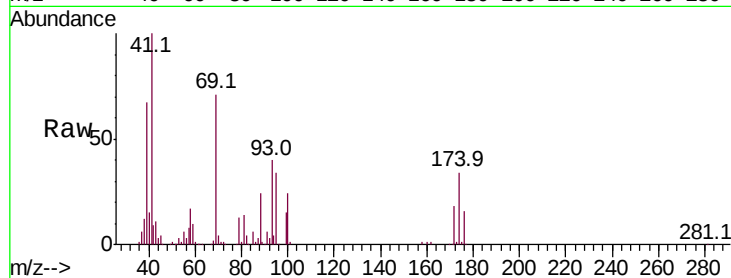




#49
1,4-Dioxane
Concen: 1003.076 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

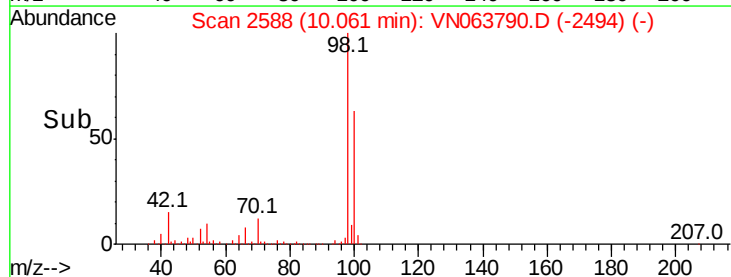
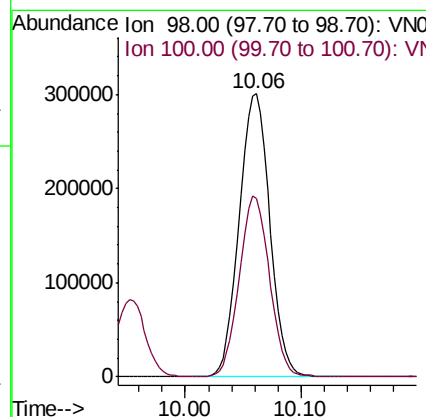
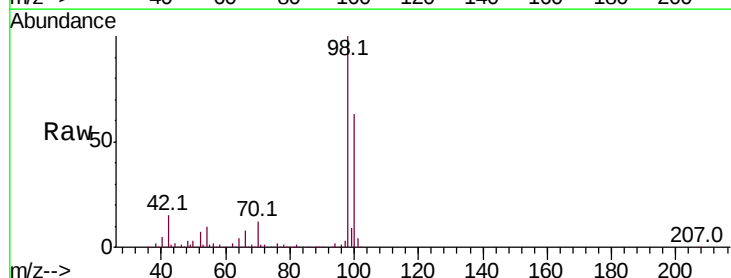
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

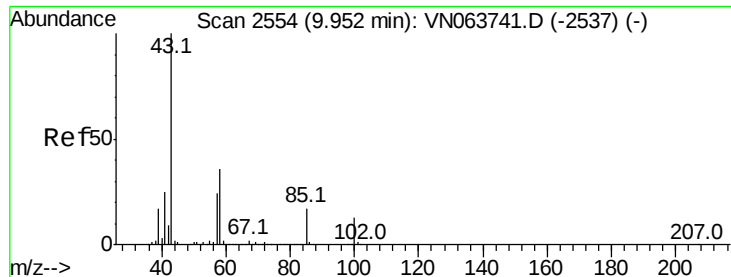
Tot Ion: 88 Resp: 51280
Ion Ratio Lower Upper
88 100
43 41.8 33.1 49.7
58 71.6 58.9 88.3



#50
Toluene-d8
Concen: 47.781 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

Tgt Ion: 98 Resp: 551170
Ion Ratio Lower Upper
98 100
100 63.0 49.8 74.6





#51

4-Methyl-2-Pentanone

Concen: 267.144 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

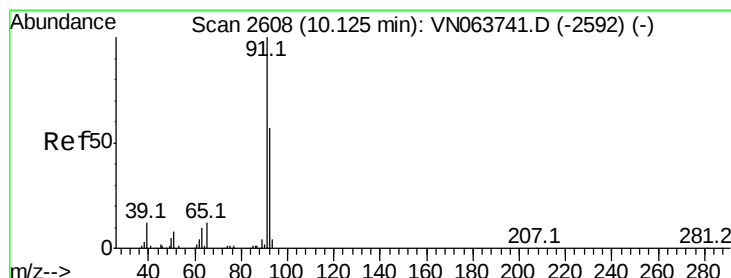
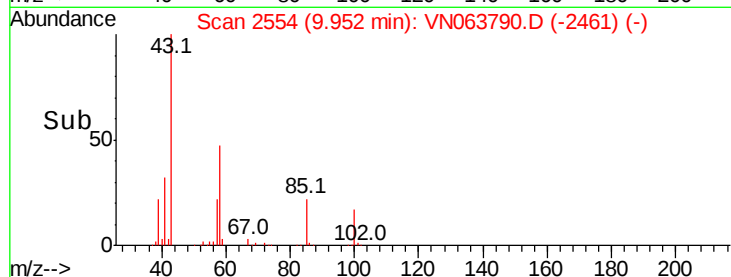
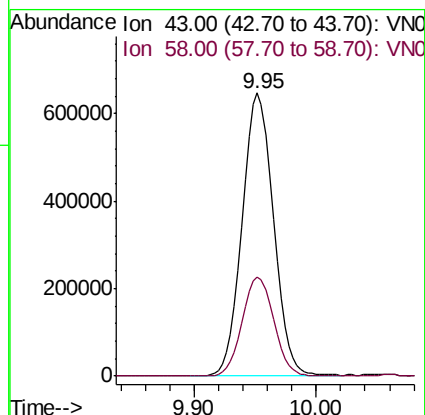
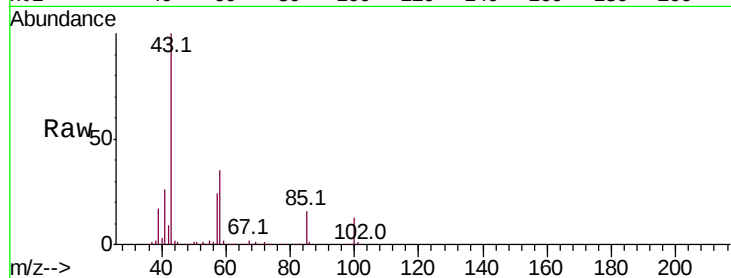
VSTDCCC050

Tot Ion: 43 Resp: 1141404

Ion Ratio Lower Upper

43 100

58 35.6 28.4 42.6



#52

Toluene

Concen: 49.859 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063790.D

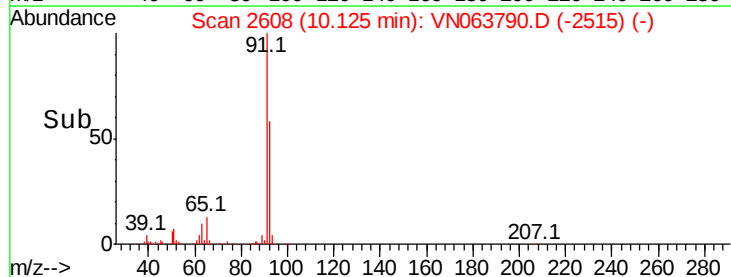
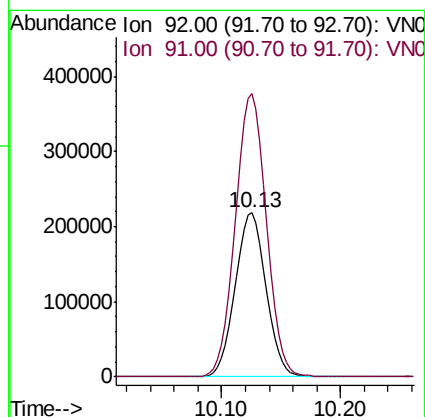
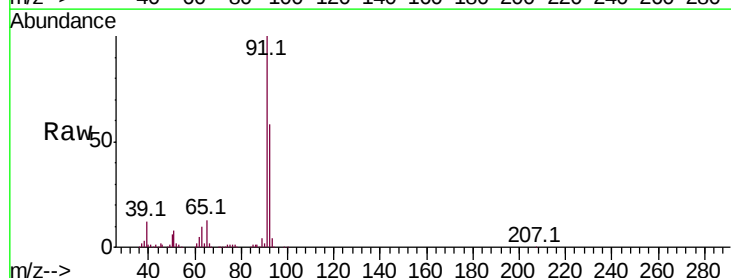
Acq: 1 Oct 2020 22:57

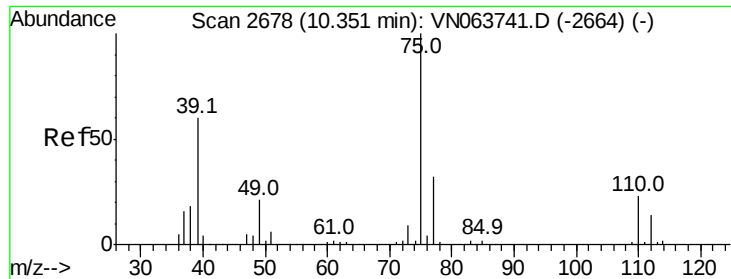
Tgt Ion: 92 Resp: 391343

Ion Ratio Lower Upper

92 100

91 174.1 140.6 210.8

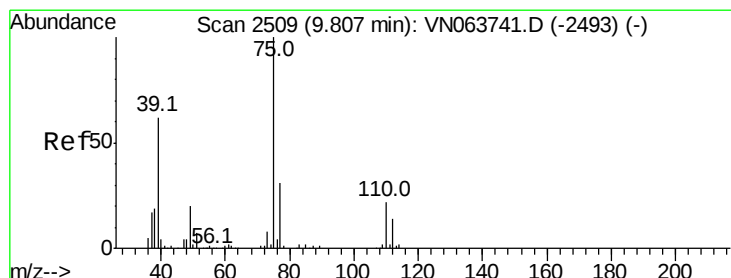
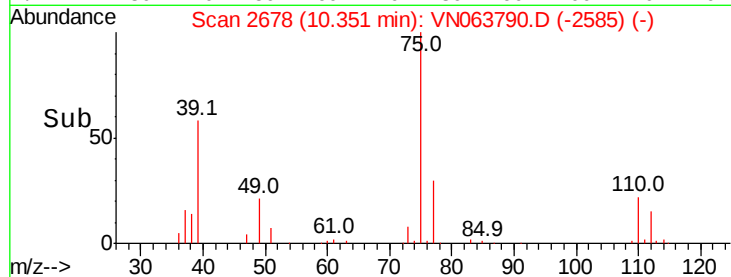
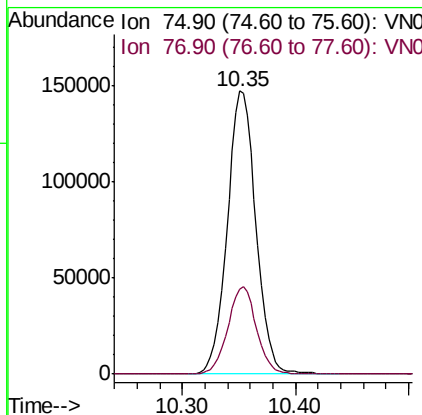
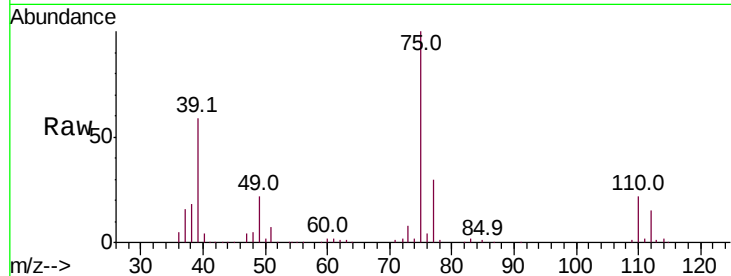




#53
t-1,3-Dichloropropene
Concen: 49.602 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

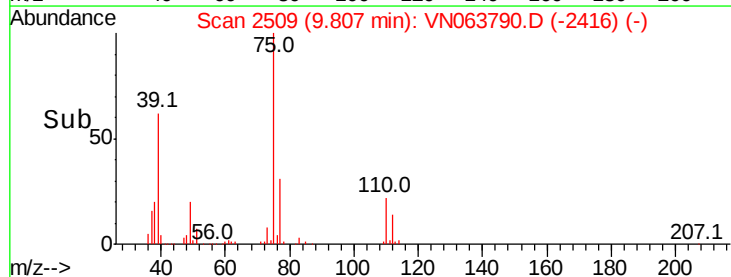
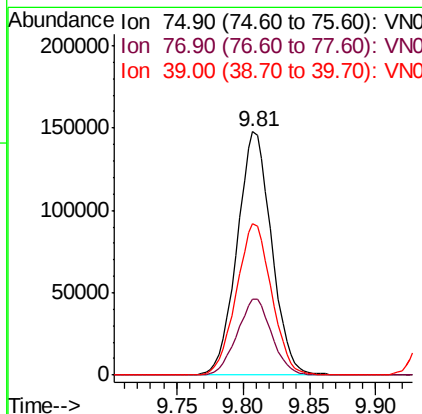
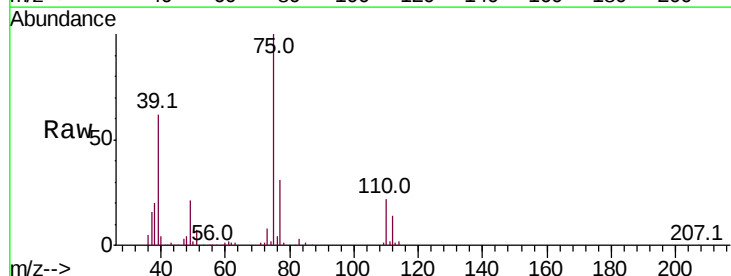
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

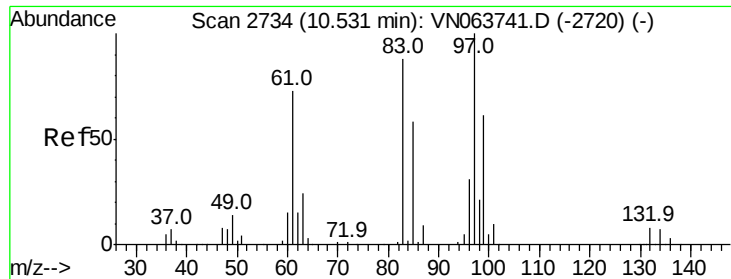
Tot Ion: 75 Resp: 259069
Ion Ratio Lower Upper
75 100
77 30.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 48.806 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

Tgt Ion: 75 Resp: 266591
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8
39 62.2 49.7 74.5

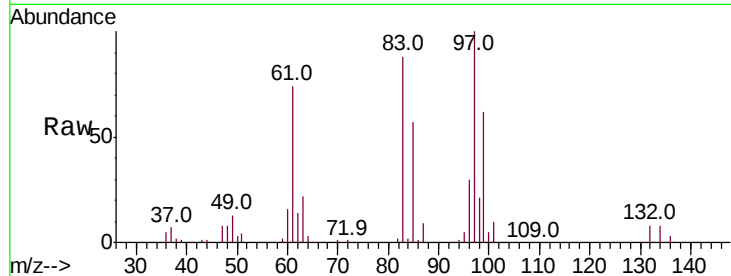




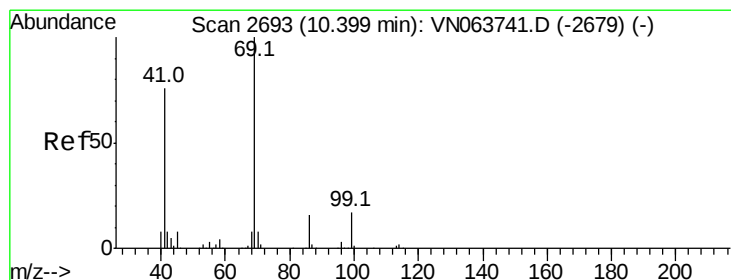
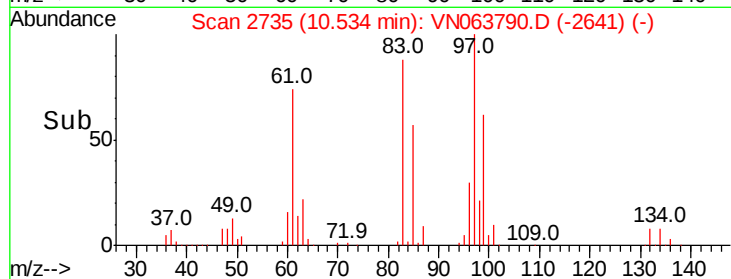
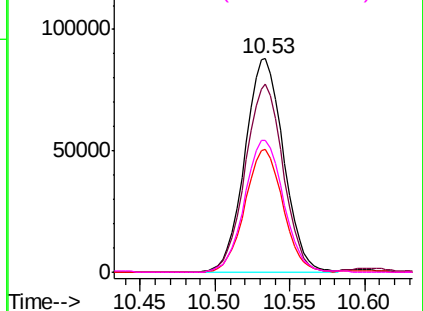
#55
 1,1,2-Trichloroethane
 Concen: 50.355 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063790.D
 Acq: 1 Oct 2020 22:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 158503
 Ion Ratio Lower Upper
 97 100
 83 87.8 70.7 106.1
 85 57.2 46.1 69.1
 99 62.0 48.8 73.2

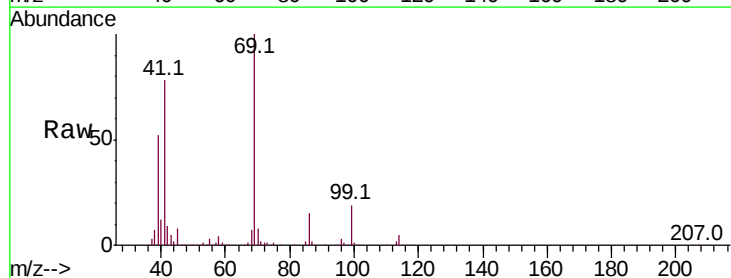


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

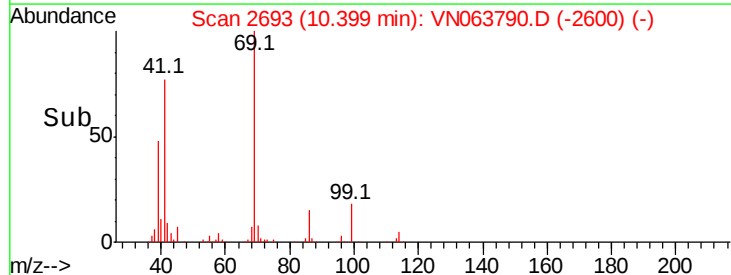
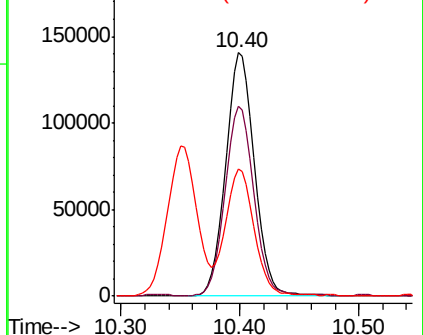


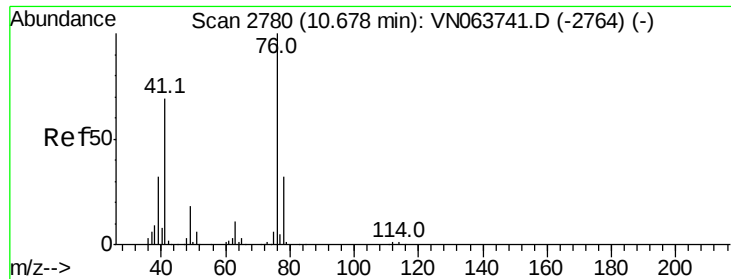
#56
 Ethyl methacrylate
 Concen: 52.809 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063790.D
 Acq: 1 Oct 2020 22:57

Tgt Ion: 69 Resp: 235621
 Ion Ratio Lower Upper
 69 100
 41 77.4 61.1 91.7
 39 51.5 42.2 63.4



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





#57

1,3-Dichloropropane

Concen: 50.776 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

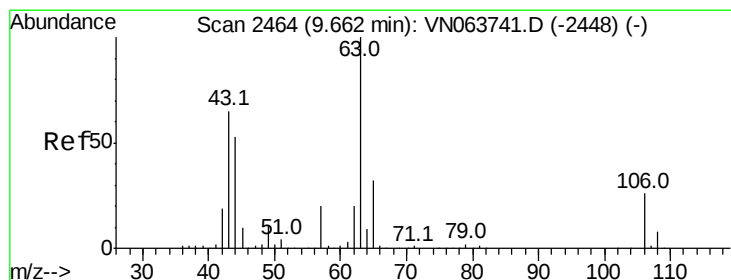
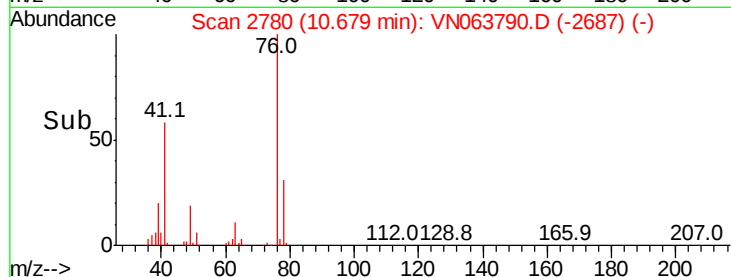
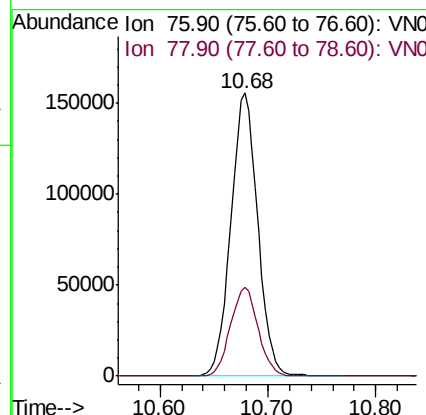
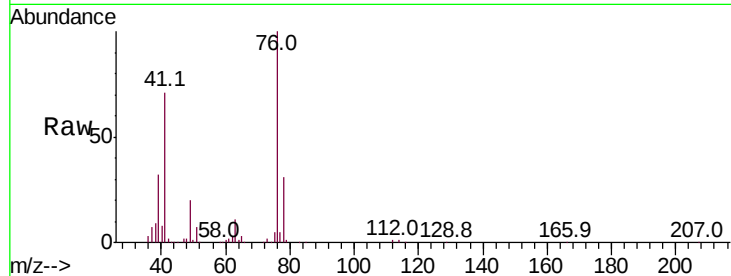
Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 270405

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.2	37.8



#58

2-Chloroethyl Vinyl ether

Concen: 255.499 ug/l

RT: 9.66 min Scan# 2464

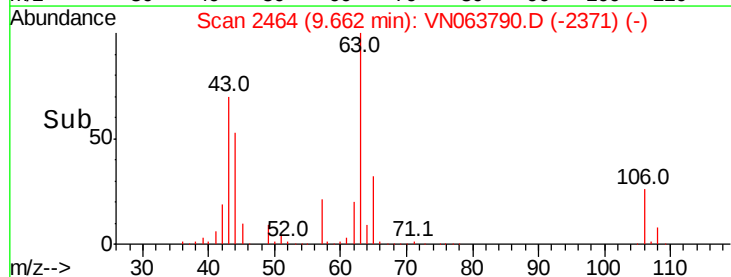
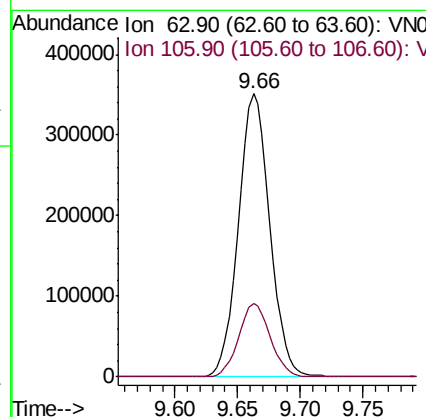
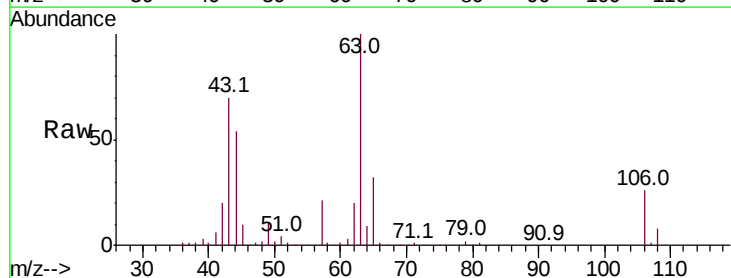
Delta R.T. 0.00 min

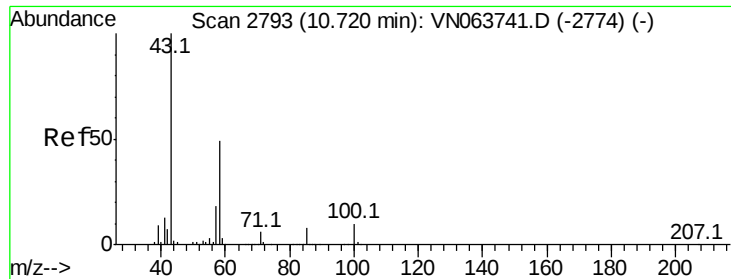
Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Tgt Ion: 63 Resp: 609788

Ion	Ratio	Lower	Upper
63	100		
106	26.2	20.7	31.1

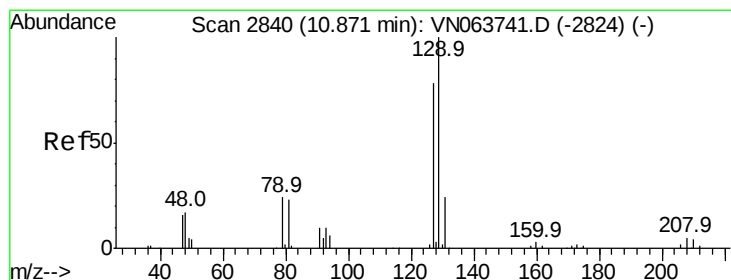
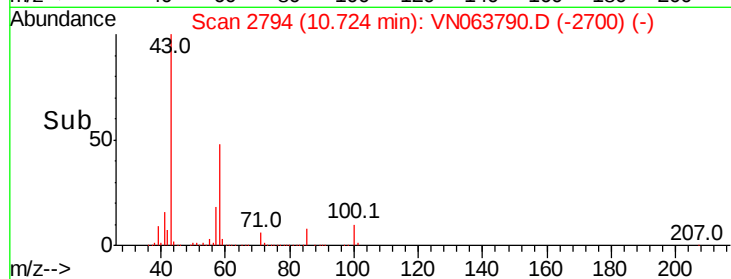
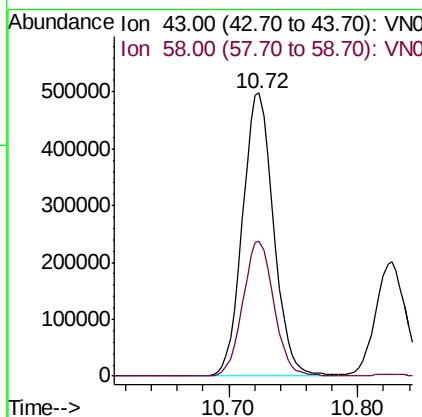
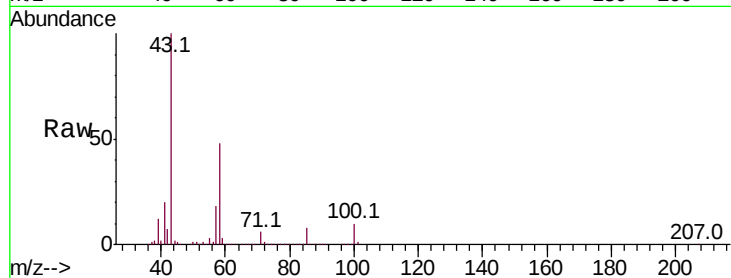




#59
2-Hexanone
Concen: 263.148 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

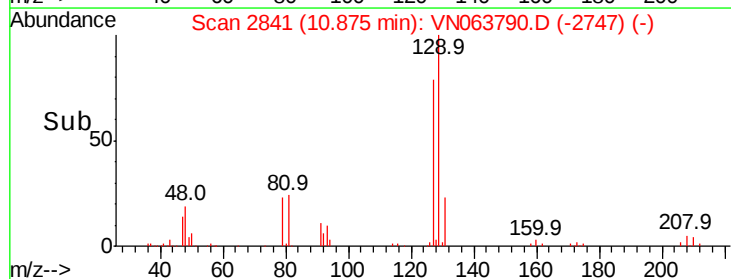
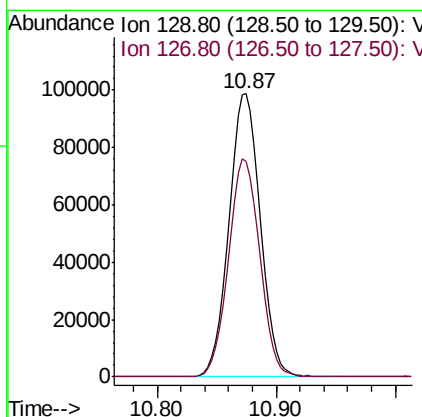
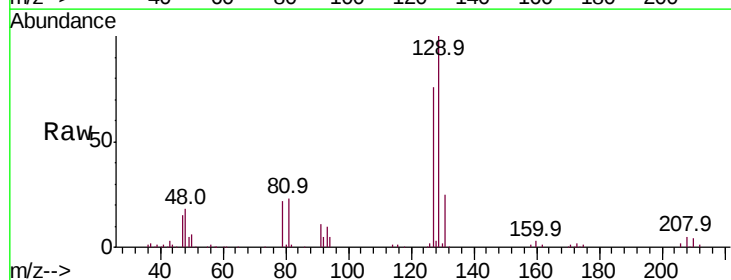
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

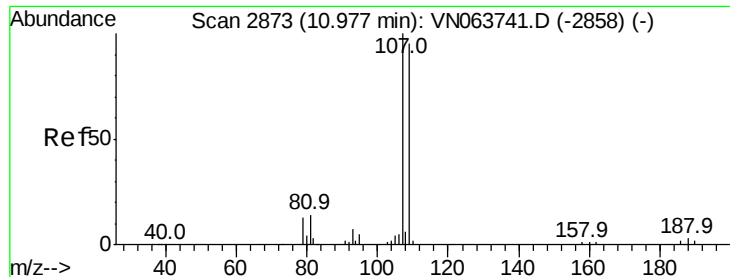
Tot Ion: 43 Resp: 835224
Ion Ratio Lower Upper
43 100
58 47.9 24.6 73.8



#60
Dibromochloromethane
Concen: 49.214 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

Tgt Ion: 129 Resp: 180407
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.7

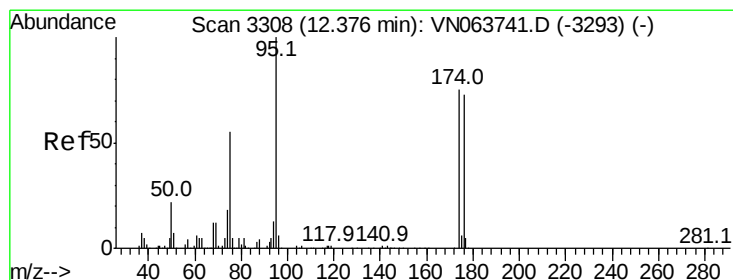
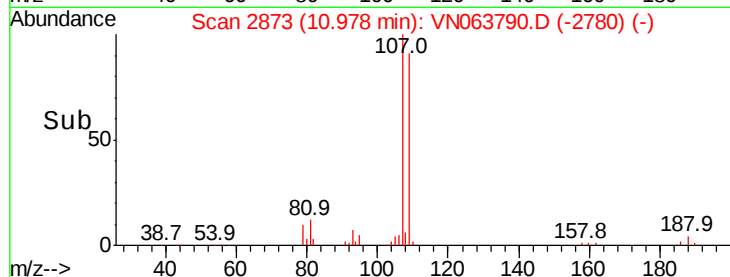
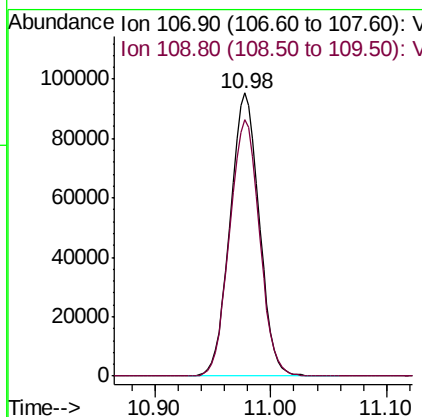
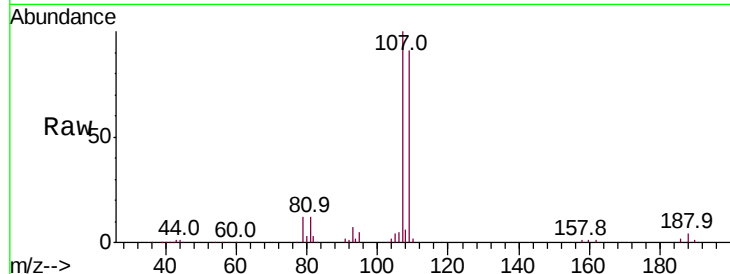




#61
 1,2-Dibromoethane
 Concen: 51.297 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063790.D
 Acq: 1 Oct 2020 22:57

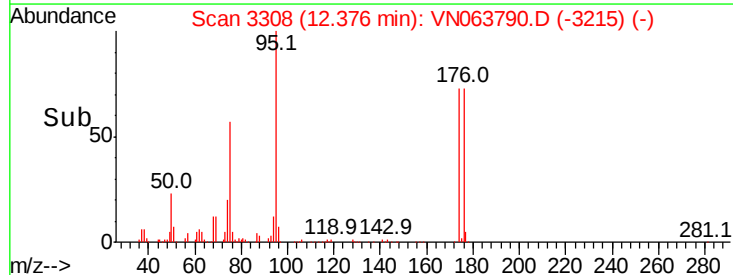
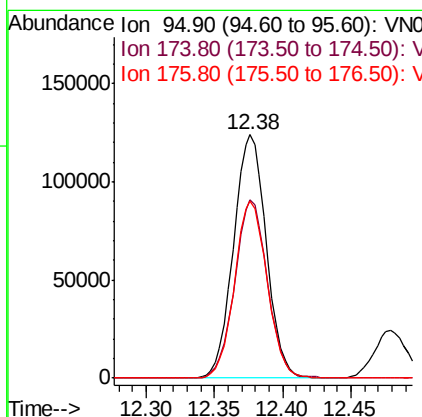
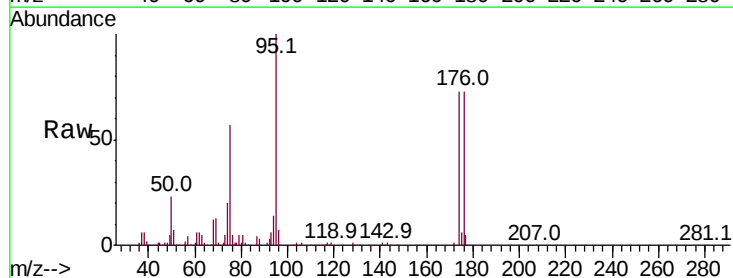
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

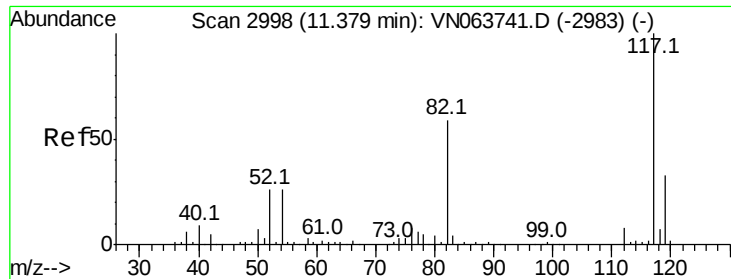
Tot Ion:107 Resp: 165172
 Ion Ratio Lower Upper
 107 100
 109 92.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 47.626 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063790.D
 Acq: 1 Oct 2020 22:57

Tgt Ion: 95 Resp: 206515
 Ion Ratio Lower Upper
 95 100
 174 73.1 0.0 150.6
 176 72.5 0.0 145.4

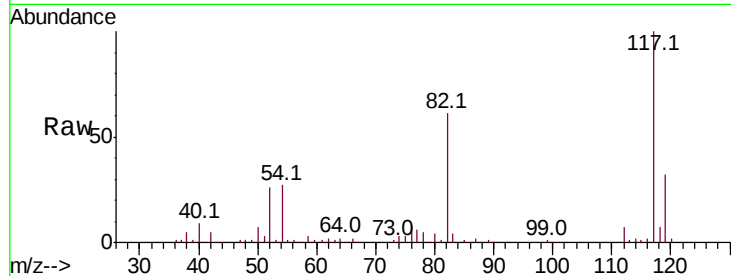




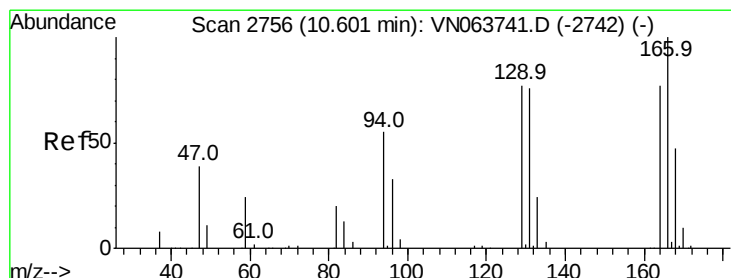
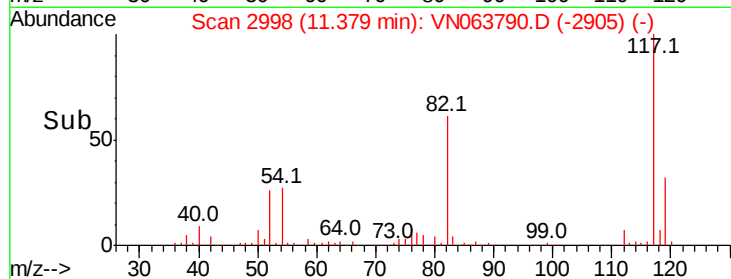
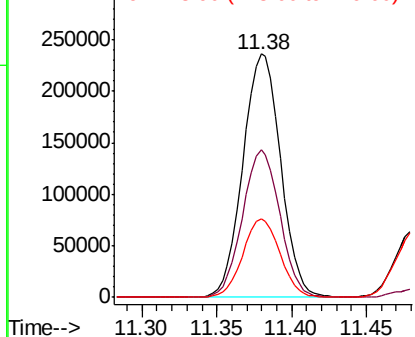
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 414780
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 32.4 26.4 39.6

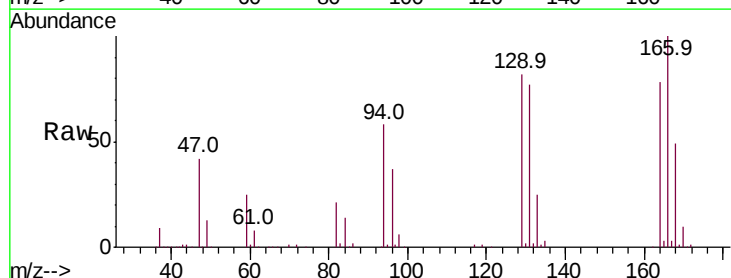


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

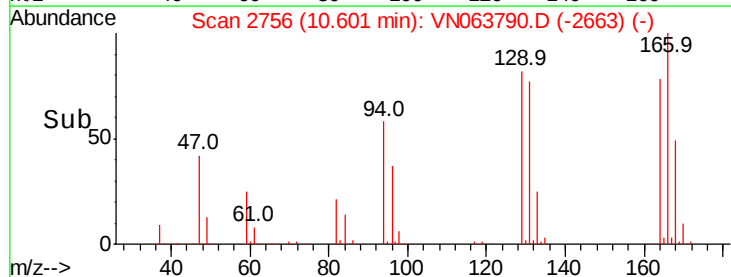
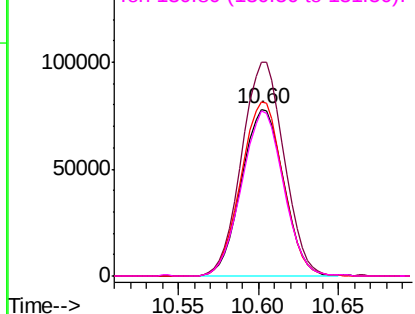


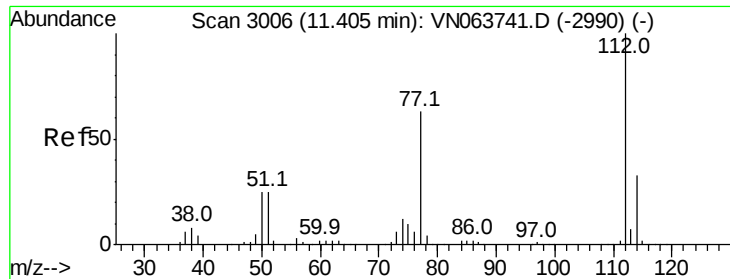
#64
Tetrachloroethene
Concen: 43.859 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

Tgt Ion:164 Resp: 140743
Ion Ratio Lower Upper
164 100
166 127.9 103.9 155.9
129 104.5 80.3 120.5
131 98.6 78.9 118.3



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

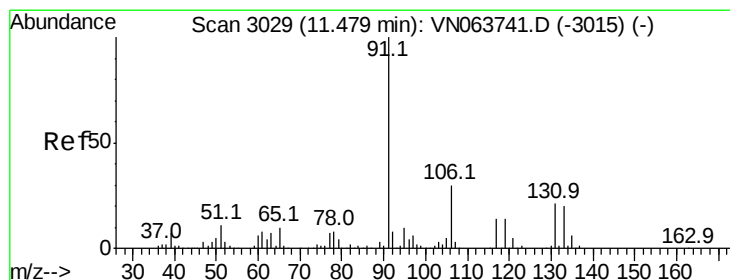
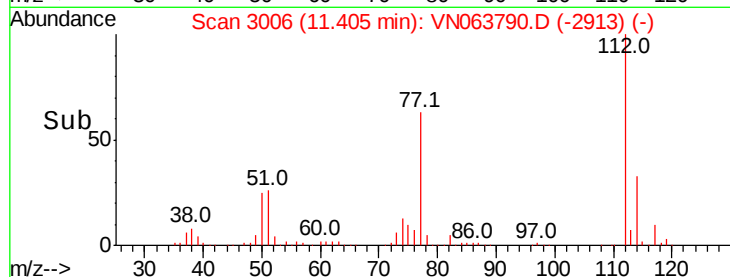
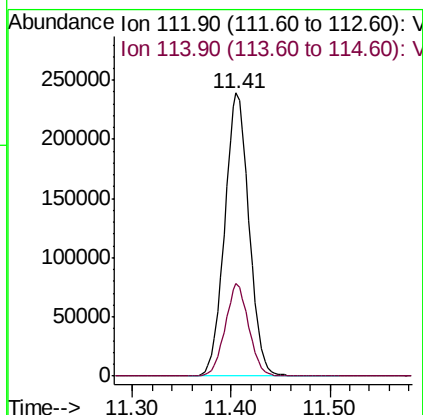
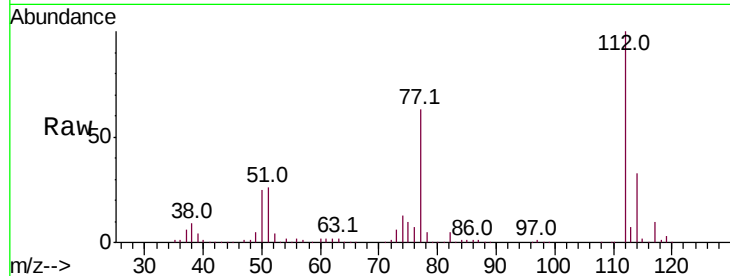




#65
Chlorobenzene
Concen: 48.695 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

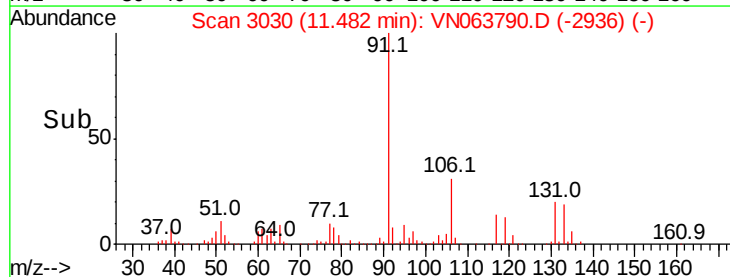
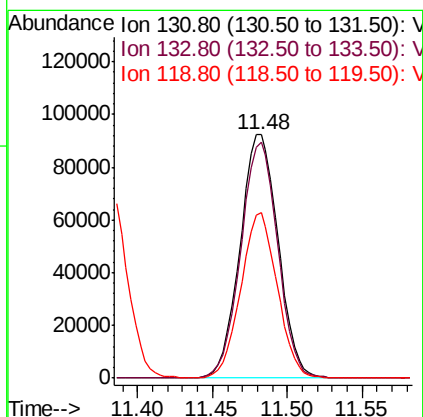
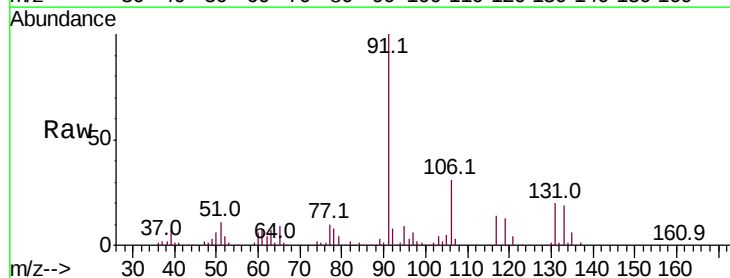
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

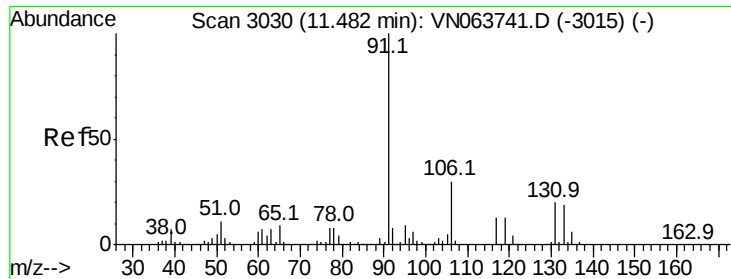
Tot Ion:112 Resp: 414318
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.176 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

Tgt Ion:131 Resp: 163667
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.8
119 65.2 32.6 97.7

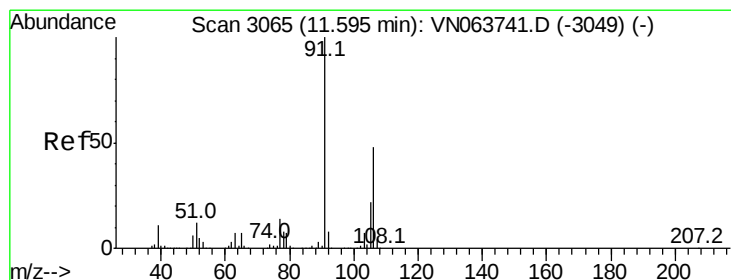
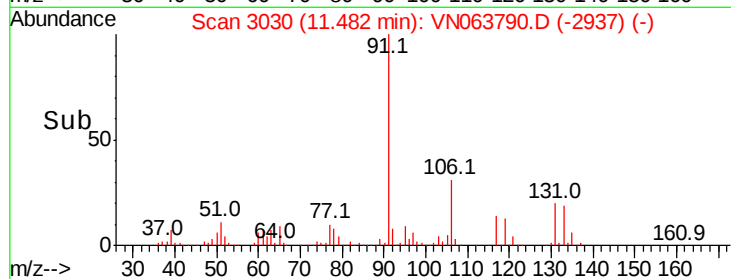
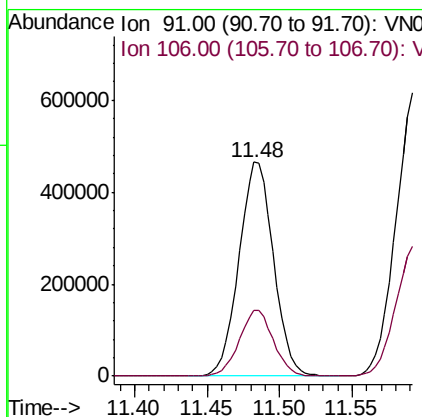
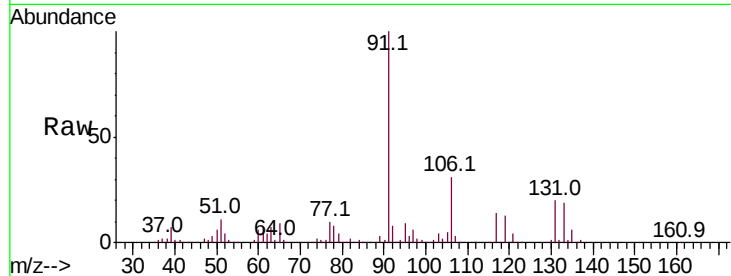




#67
Ethyl Benzene
Concen: 49.700 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

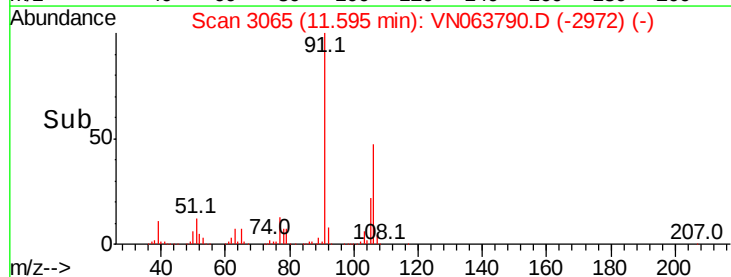
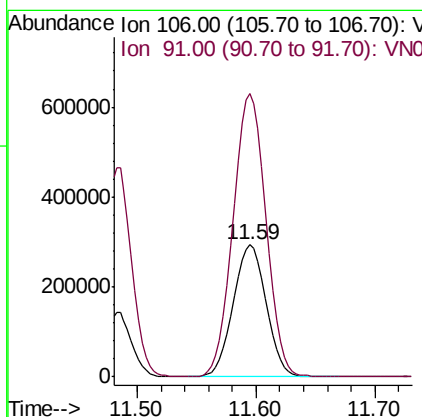
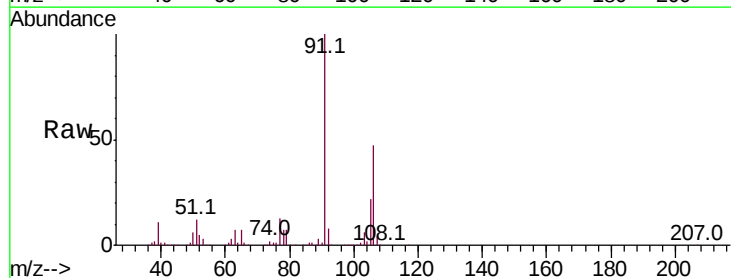
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

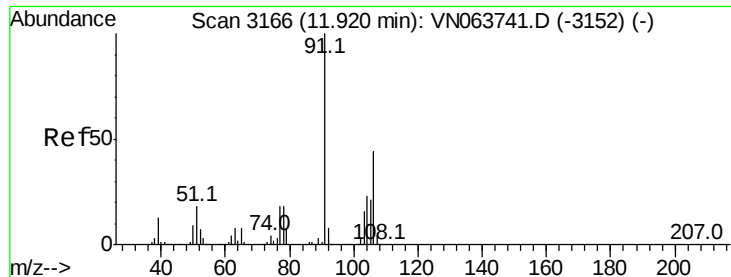
Tot Ion: 91 Resp: 769463
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.2



#68
m/p-Xylenes
Concen: 97.696 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

Tgt Ion: 106 Resp: 563726
Ion Ratio Lower Upper
106 100
91 213.4 168.0 252.0

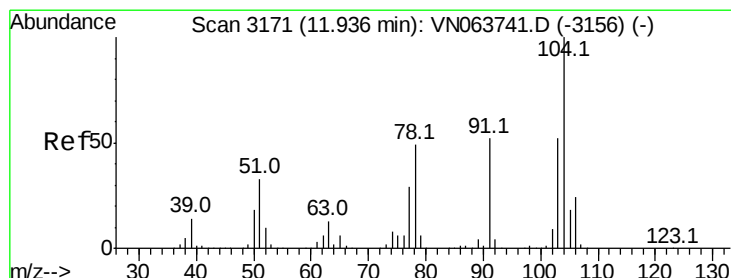
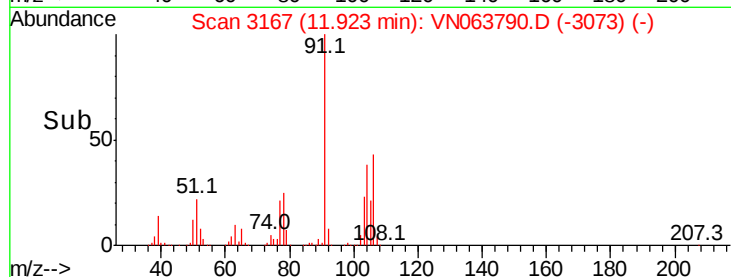
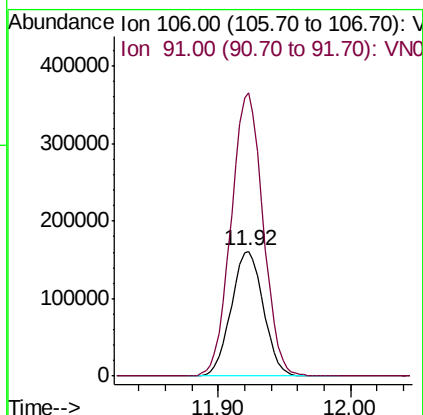
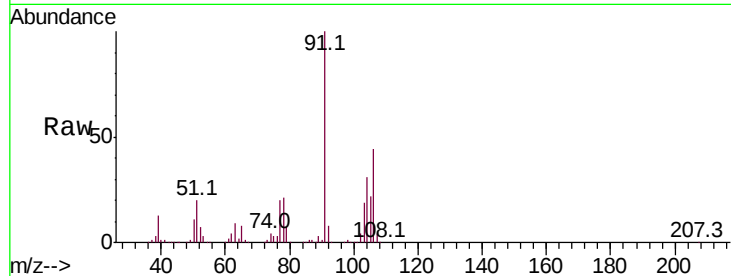




#69
o-Xylene
Concen: 50.507 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

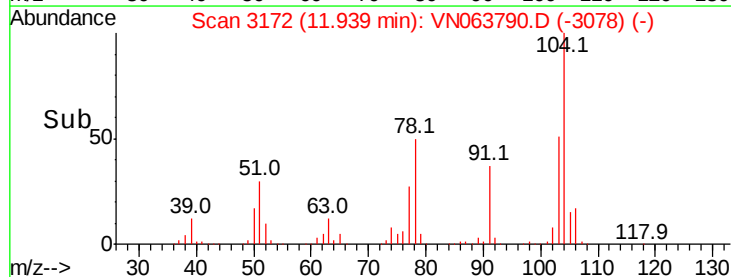
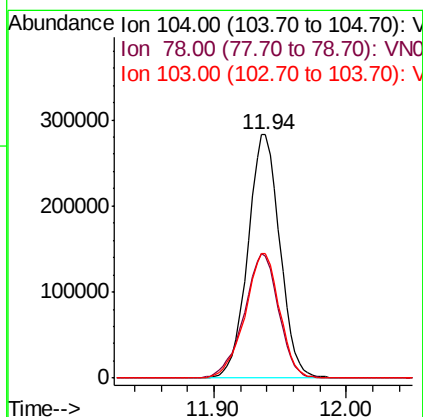
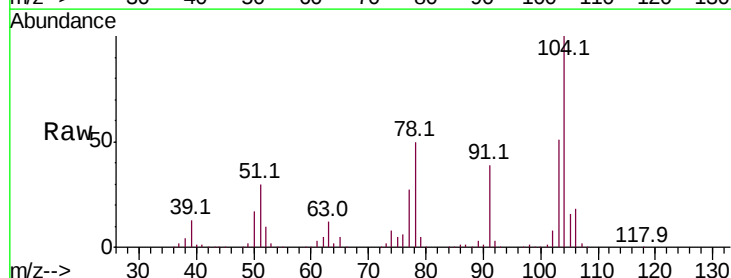
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

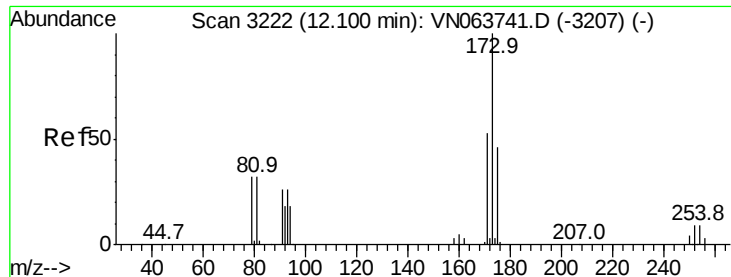
Tot Ion:106 Resp: 272393
Ion Ratio Lower Upper
106 100
91 224.9 112.7 338.0



#70
Styrene
Concen: 51.963 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

Tgt Ion:104 Resp: 475713
Ion Ratio Lower Upper
104 100
78 55.2 44.1 66.1
103 55.2 44.3 66.5





#71

Bromoform

Concen: 49.607 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

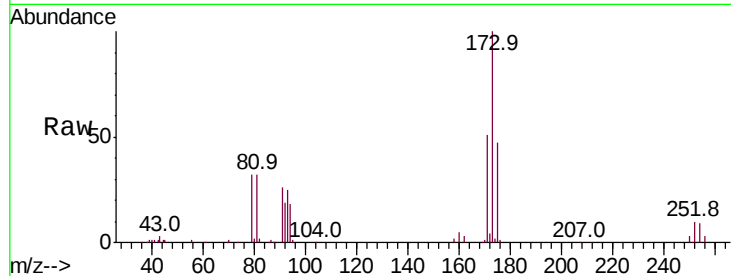
Tot Ion:173 Resp: 123757

Ion Ratio Lower Upper

173 100

175 48.3 23.5 70.5

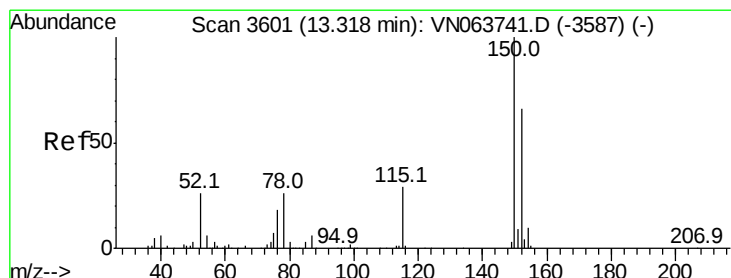
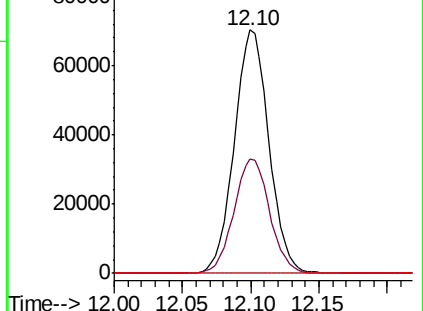
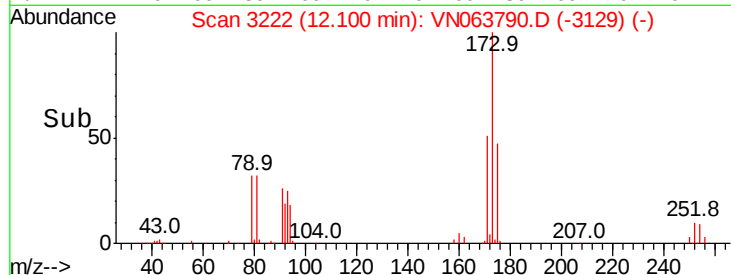
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

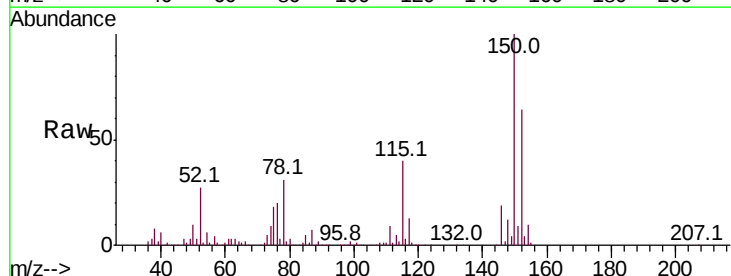
Tgt Ion:152 Resp: 200384

Ion Ratio Lower Upper

152 100

115 62.6 31.3 93.8

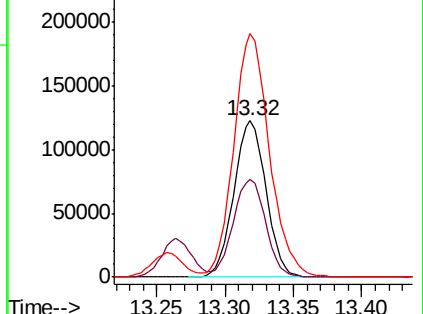
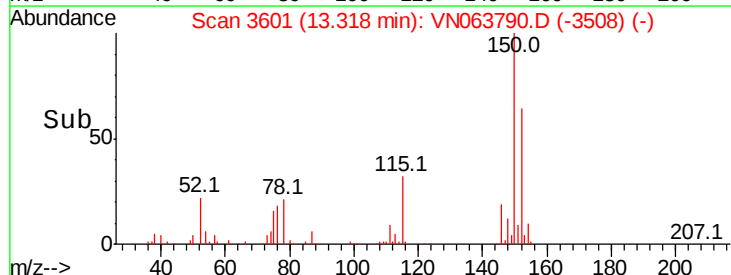
150 172.7 0.0 341.8

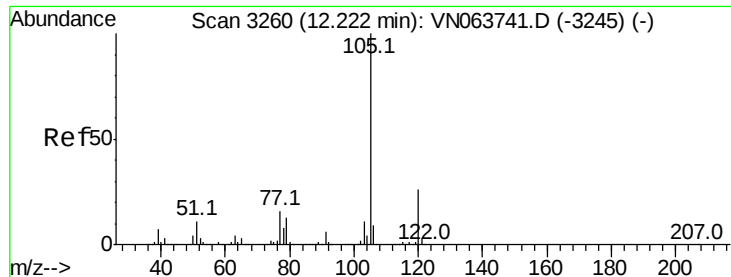


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.970 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

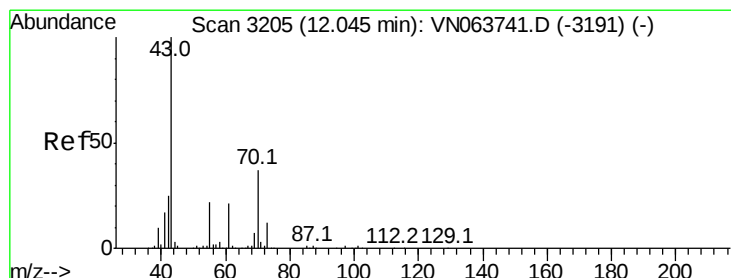
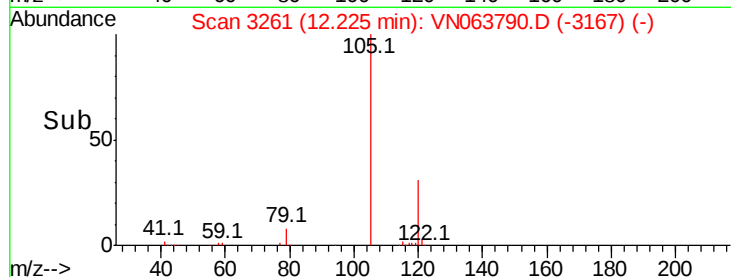
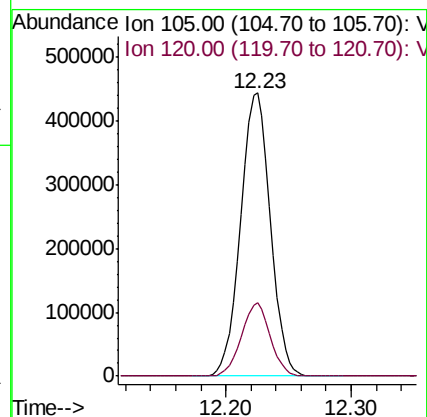
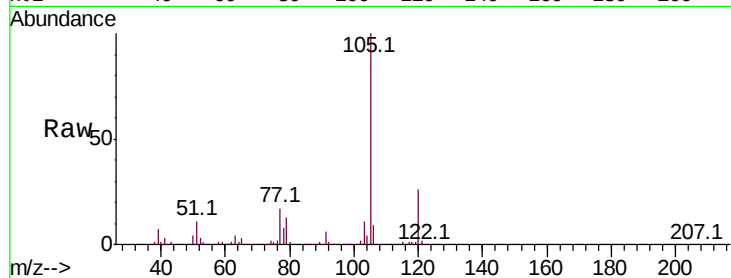
VSTDCCC050

Tot Ion:105 Resp: 730360

Ion Ratio Lower Upper

105 100

120 25.1 12.6 37.8



#74

N-ethyl acetate

Concen: 50.256 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Tgt Ion: 43 Resp: 341483

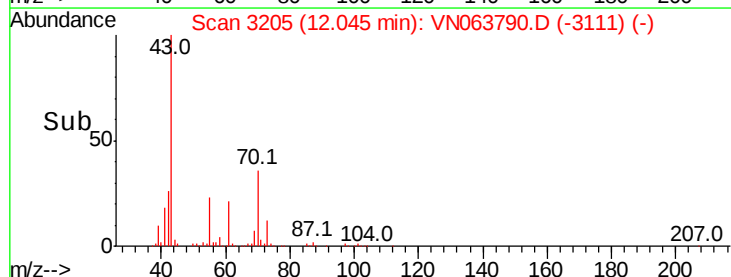
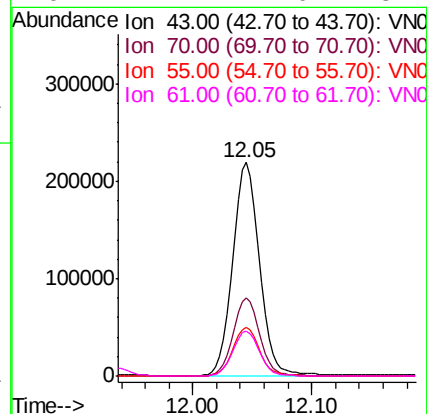
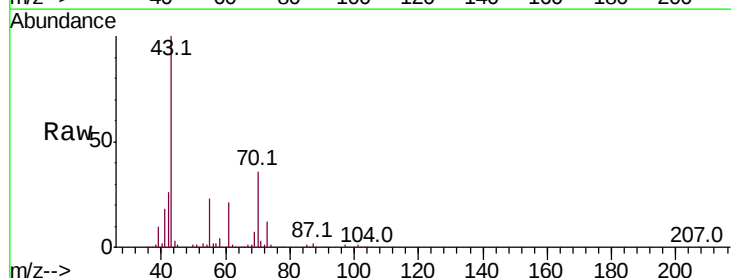
Ion Ratio Lower Upper

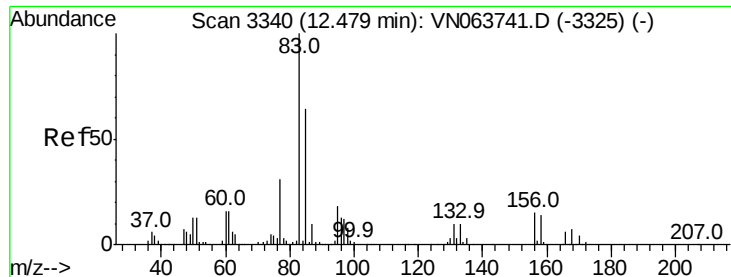
43 100

70 36.5 29.8 44.8

55 22.9 17.9 26.9

61 21.1 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.904 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

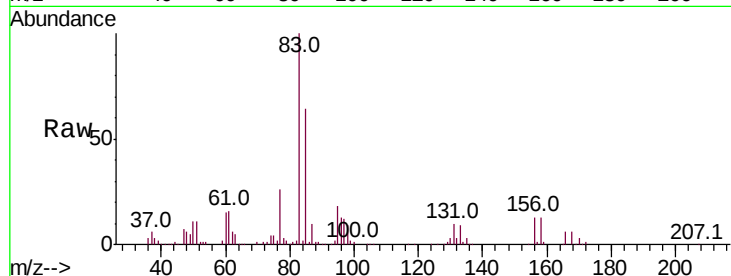
Tot Ion: 83 Resp: 227510

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

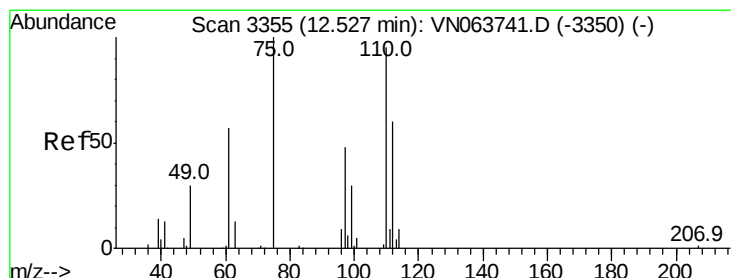
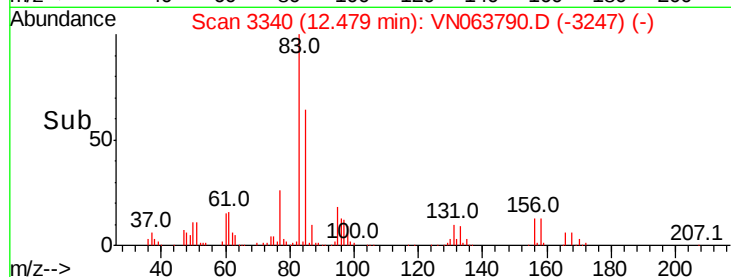
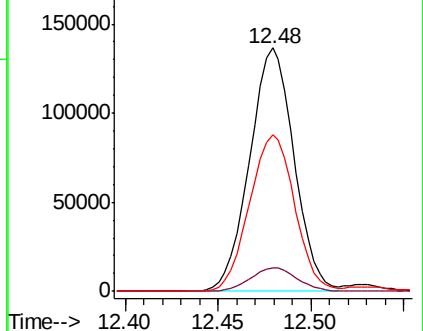
85 65.3 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063790.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063790.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063790.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 71.313 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063790.D

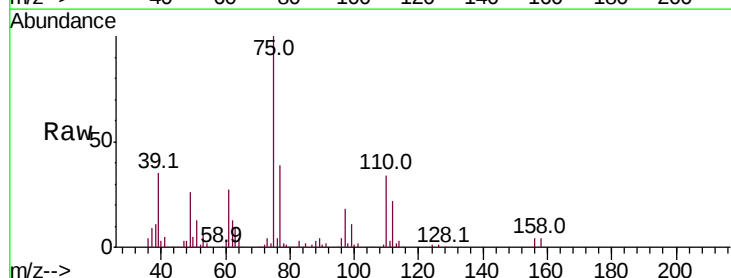
Acq: 1 Oct 2020 22:57

Tgt Ion: 75 Resp: 315008

Ion Ratio Lower Upper

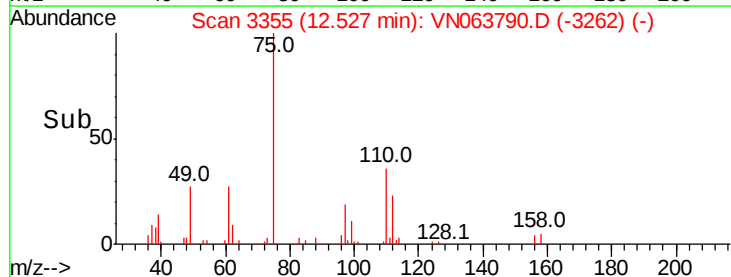
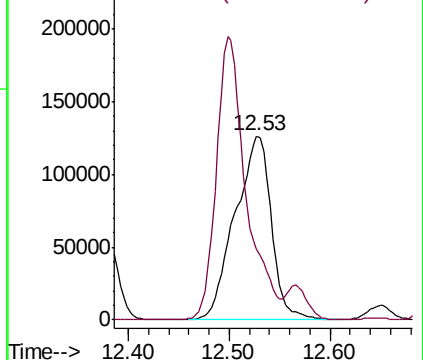
75 100

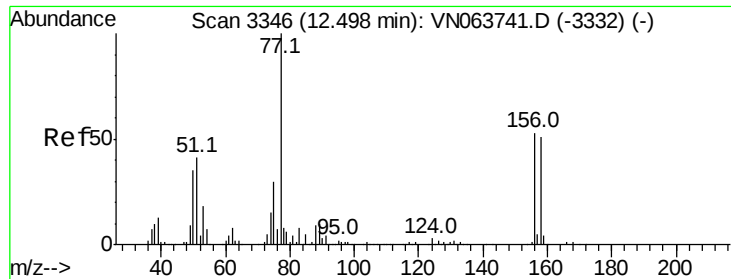
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063790.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063790.D (-3262) (-)





#77

Bromobenzene

Concen: 50.424 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

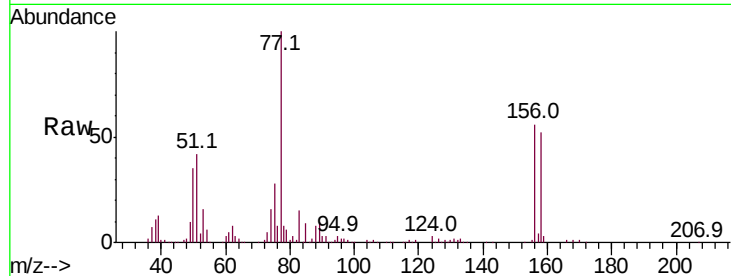
Tot Ion:156 Resp: 180838

Ion Ratio Lower Upper

156 100

77 220.1 110.9 332.7

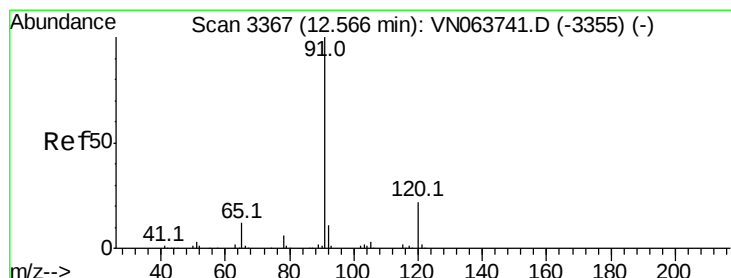
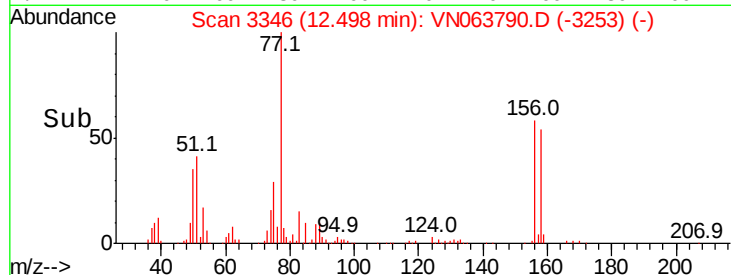
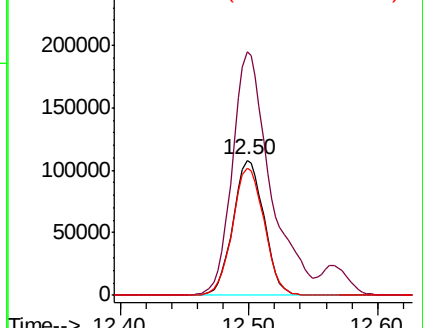
158 96.4 47.7 143.1



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: 48.950 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063790.D

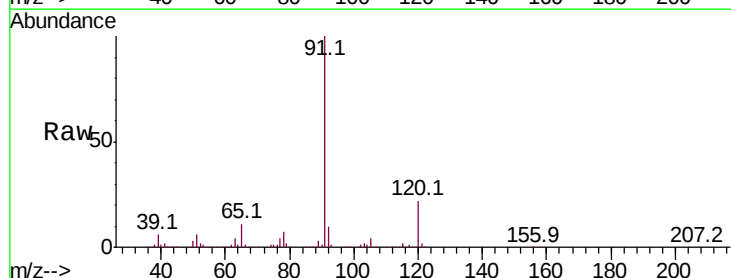
Acq: 1 Oct 2020 22:57

Tgt Ion: 91 Resp: 832634

Ion Ratio Lower Upper

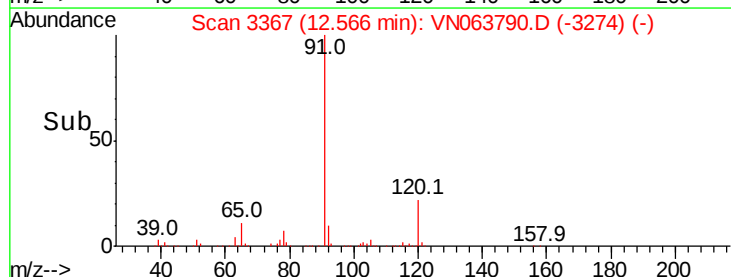
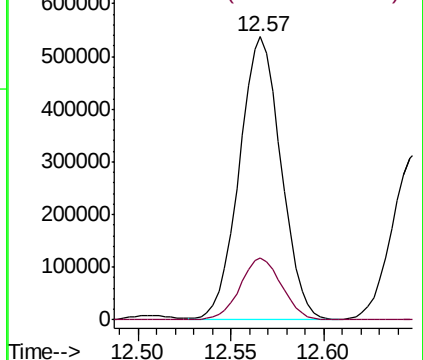
91 100

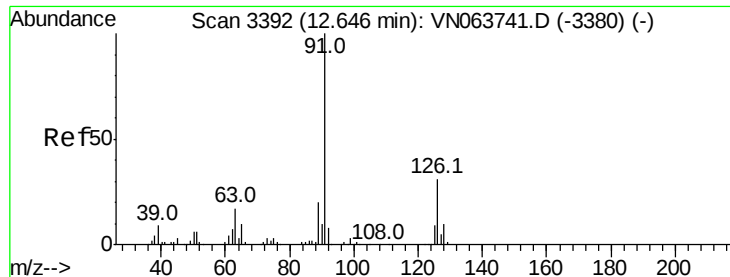
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.595 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

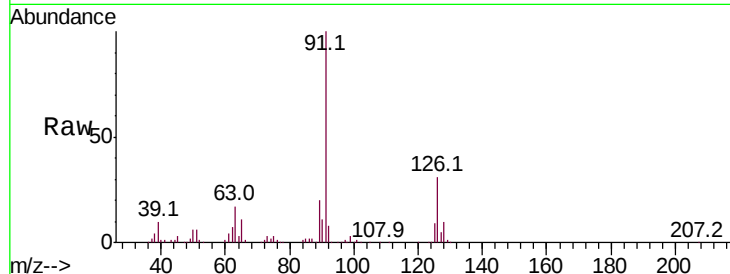
VSTDCCC050

Tot Ion: 91 Resp: 518834

Ion Ratio Lower Upper

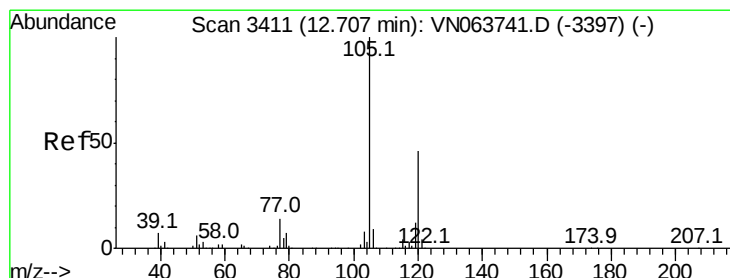
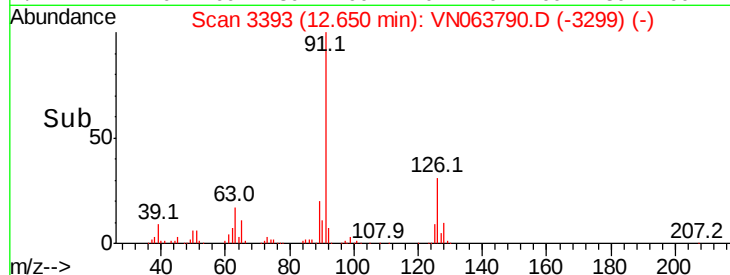
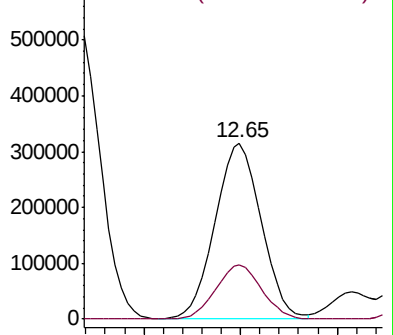
91 100

126 31.0 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063790.D (-3299) (-)

Ion 125.90 (125.60 to 126.60): VN063790.D (-3299) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.301 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063790.D

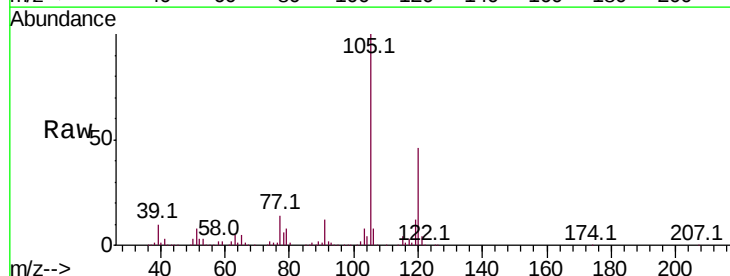
Acq: 1 Oct 2020 22:57

Tgt Ion: 105 Resp: 616789

Ion Ratio Lower Upper

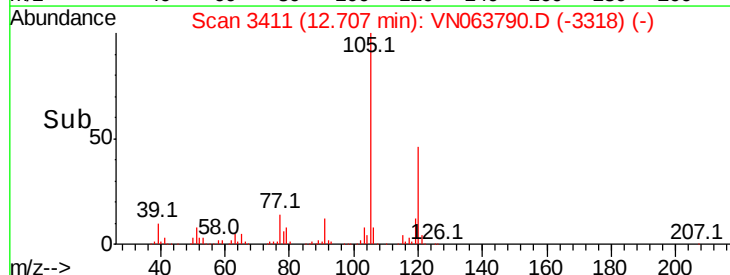
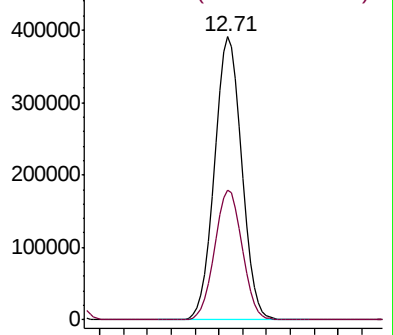
105 100

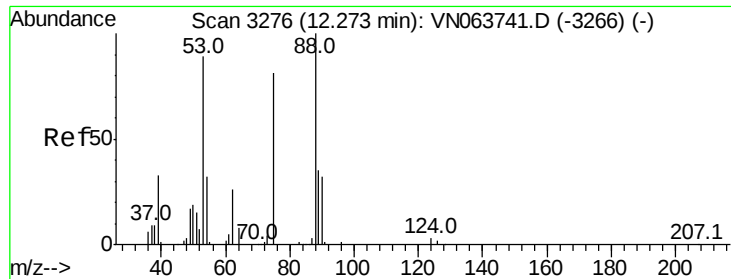
120 46.4 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063790.D (-3318) (-)

Ion 120.00 (119.70 to 120.70): VN063790.D (-3318) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.081 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

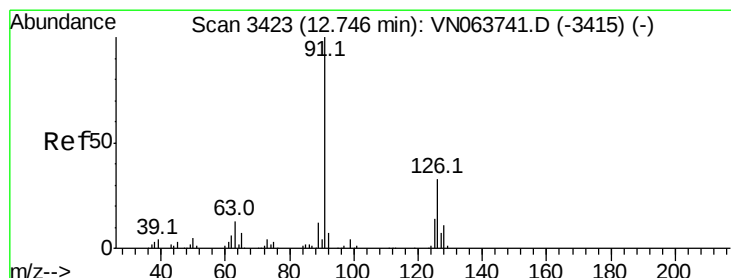
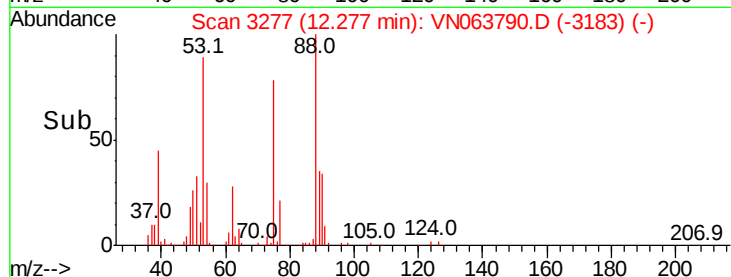
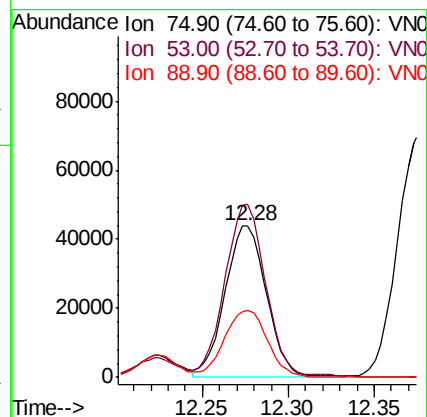
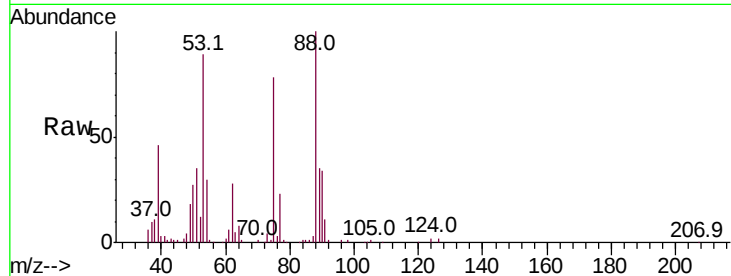
Tot Ion: 75 Resp: 73741

Ion Ratio Lower Upper

75 100

53 109.5 88.2 132.2

89 45.7 36.0 54.0



#82

4-Chlorotoluene

Concen: 49.712 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063790.D

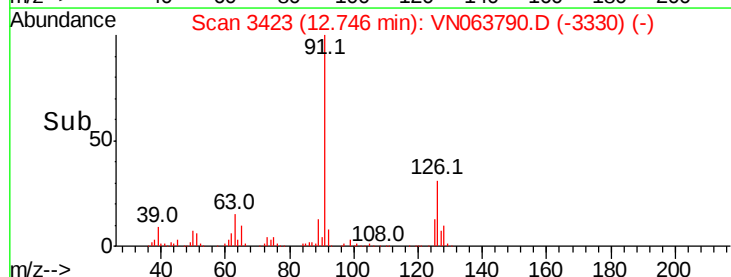
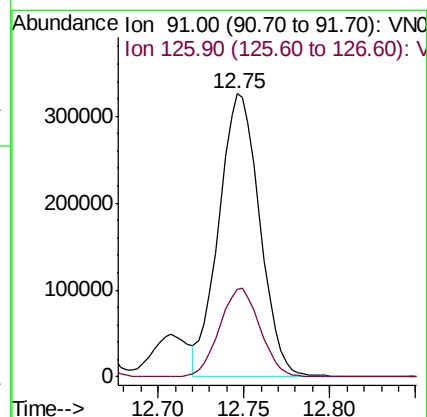
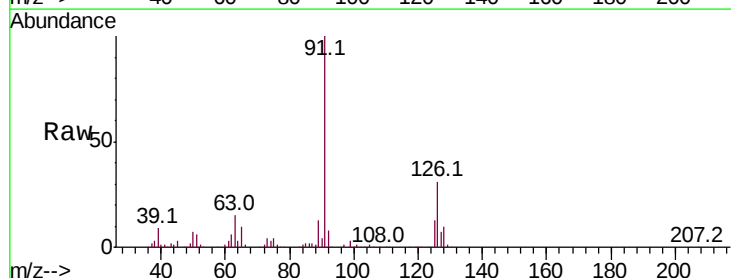
Acq: 1 Oct 2020 22:57

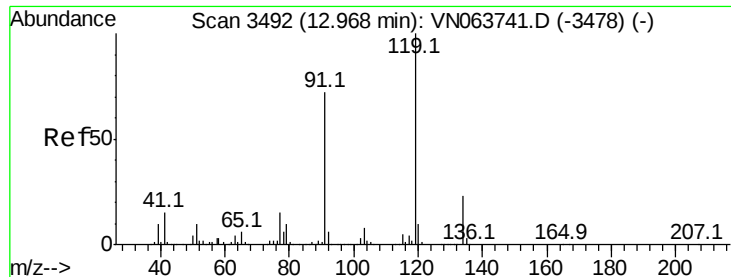
Tgt Ion: 91 Resp: 539876

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.2

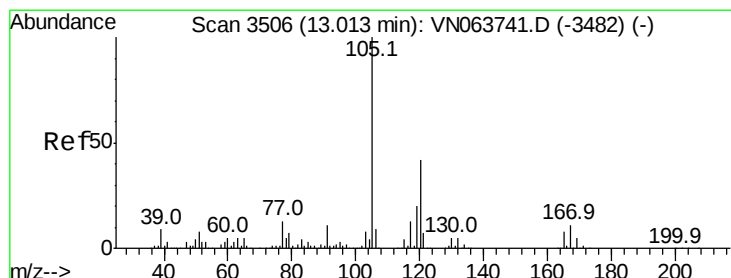
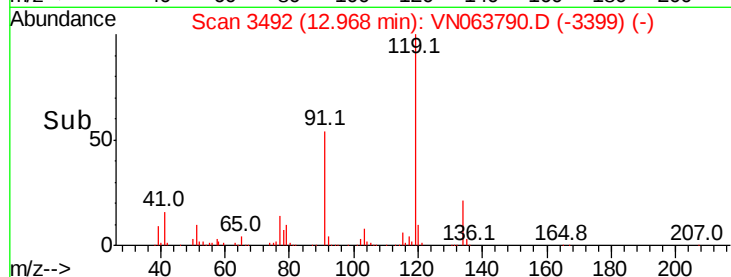
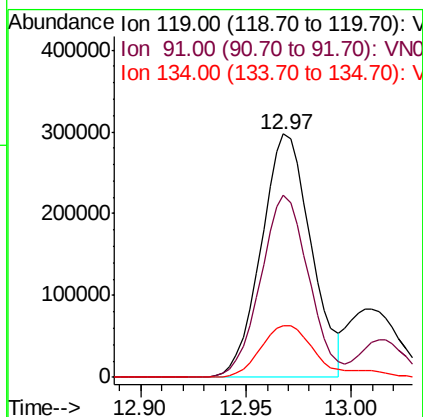
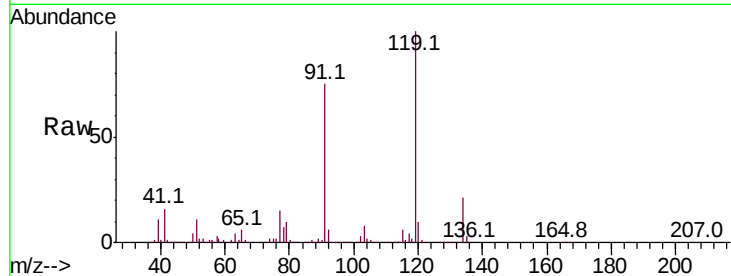




#83
tert-Butylbenzene
Concen: 48.844 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

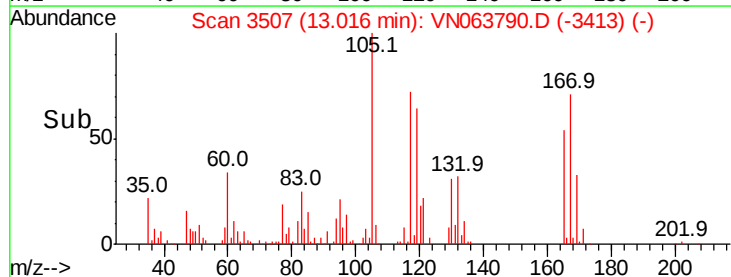
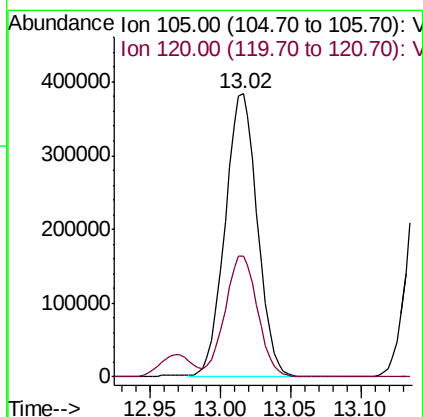
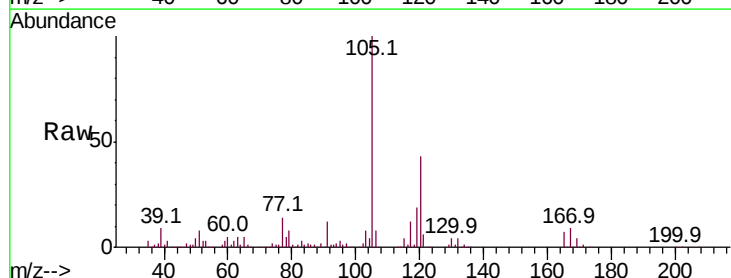
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

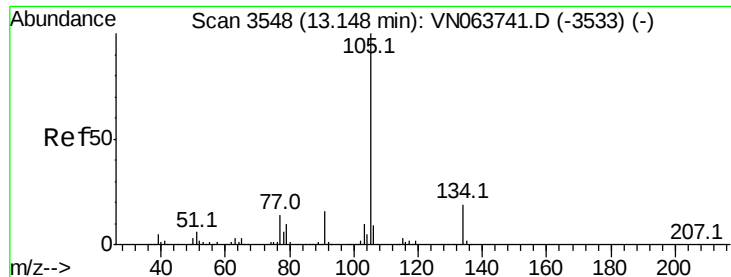
Tot Ion:119 Resp: 489904
Ion Ratio Lower Upper
119 100
91 72.0 35.5 106.5
134 24.5 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 50.025 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

Tgt Ion:105 Resp: 612423
Ion Ratio Lower Upper
105 100
120 43.1 20.9 62.7

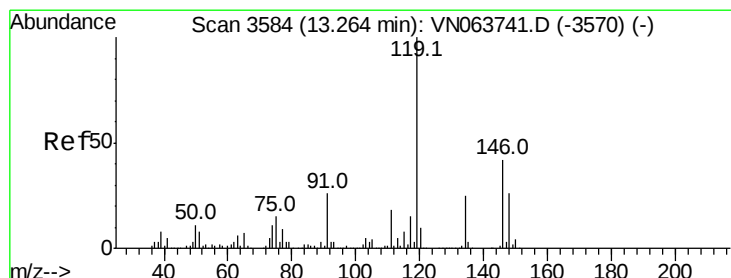
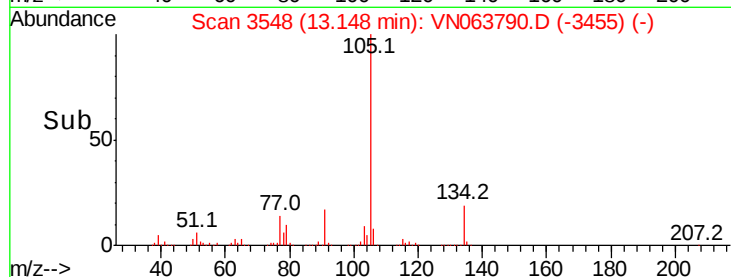
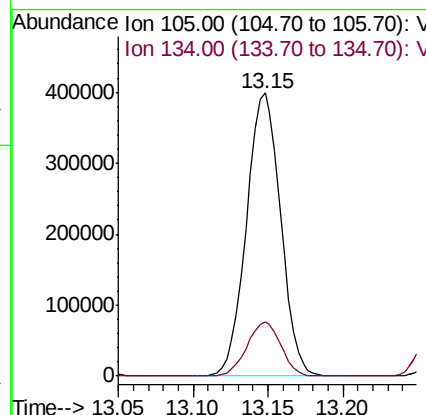
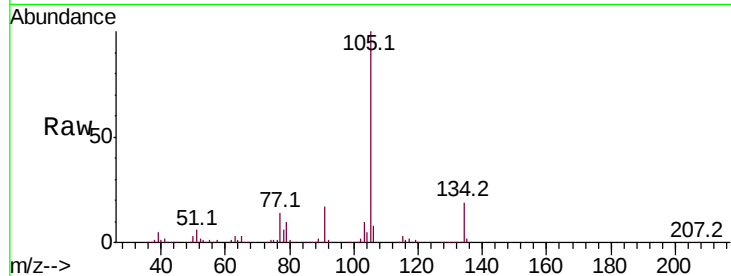




#85
 sec-Butylbenzene
 Concen: 47.995 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063790.D
 Acq: 1 Oct 2020 22:57

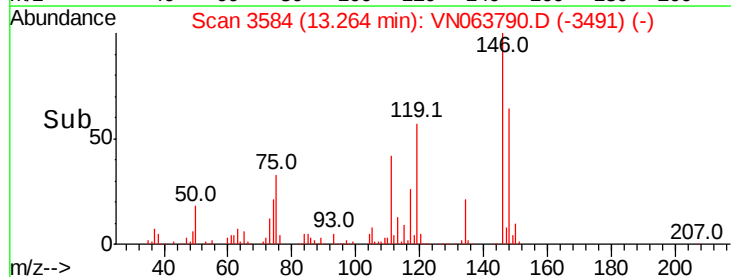
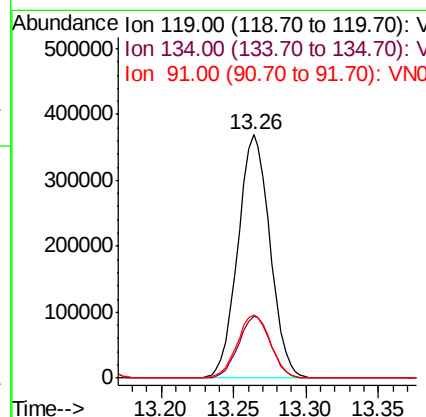
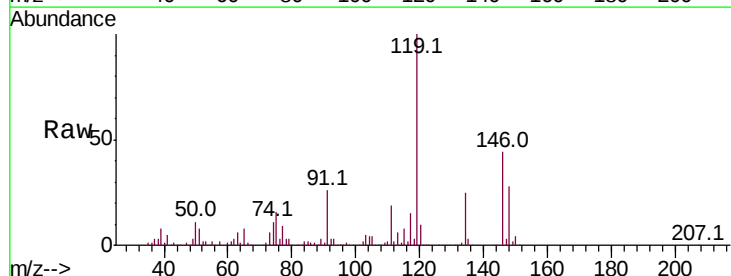
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

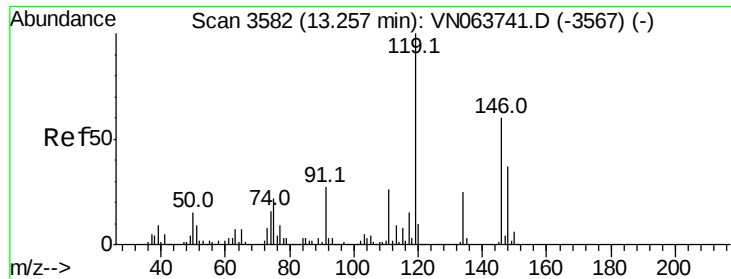
Tot Ion:105 Resp: 632275
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 48.505 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063790.D
 Acq: 1 Oct 2020 22:57

Tgt Ion:119 Resp: 565292
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 26.7 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 48.962 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

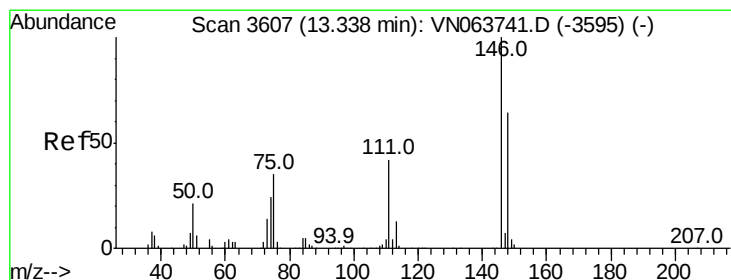
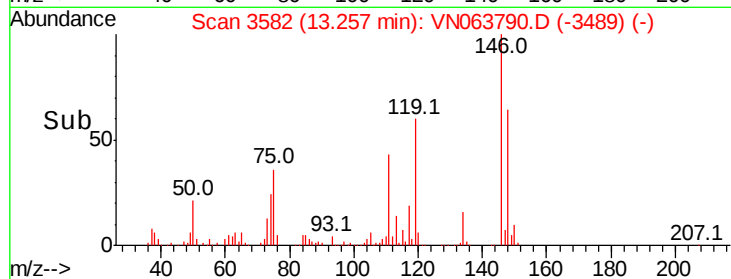
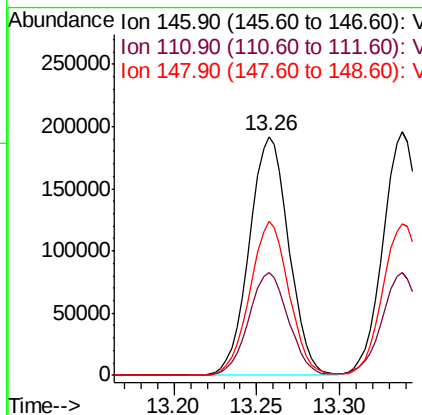
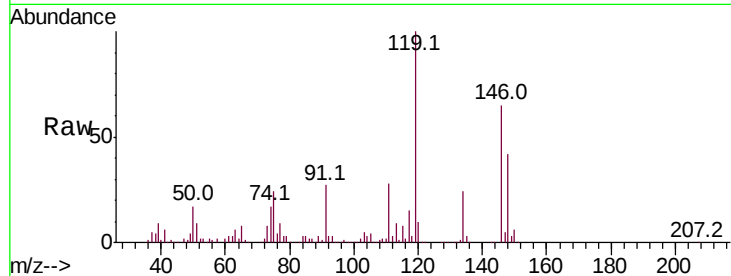
Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 317678

Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.5	64.5
148	63.6	31.1	93.3



#88

1,4-Dichlorobenzene

Concen: 47.042 ug/l

RT: 13.34 min Scan# 3607

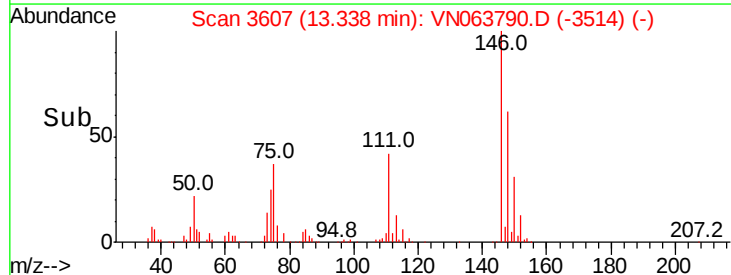
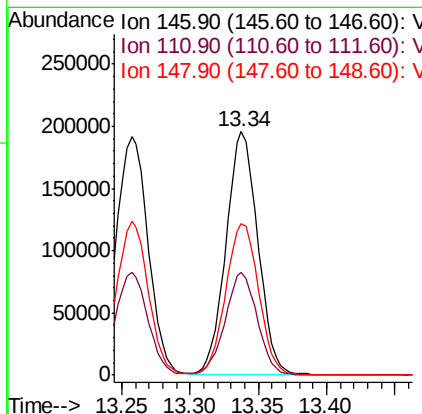
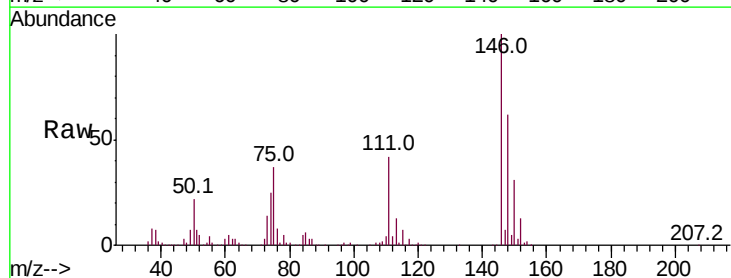
Delta R.T. 0.00 min

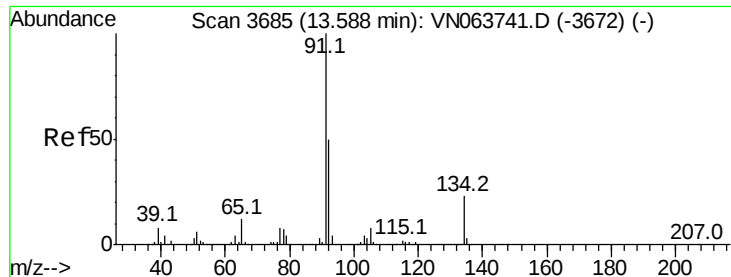
Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Tgt Ion:146 Resp: 317796

Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.3	63.7
148	63.8	32.0	96.0

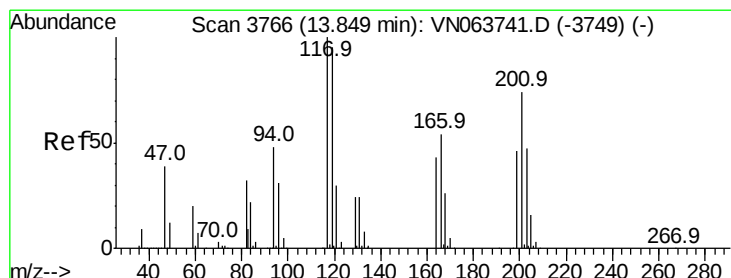
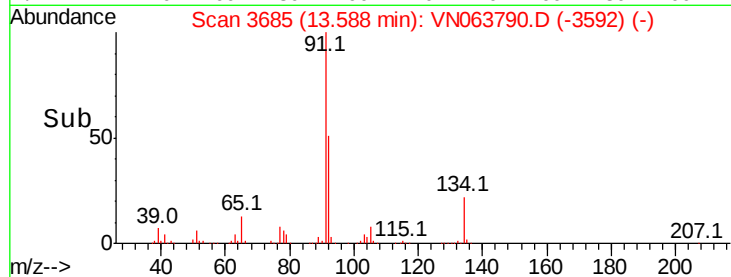
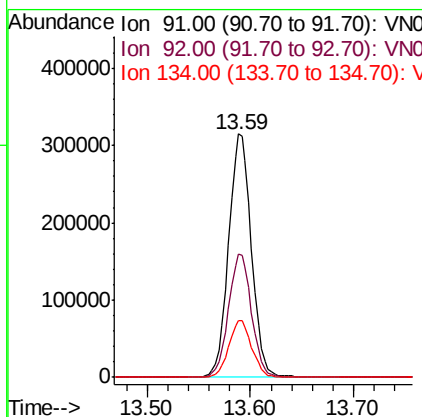
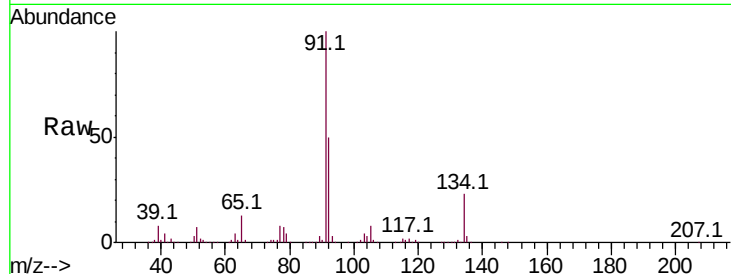




#89
n-Butylbenzene
Concen: 45.069 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

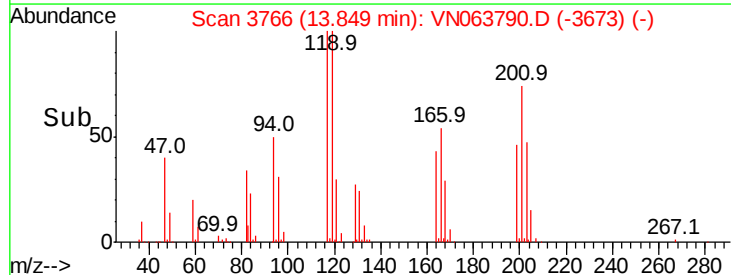
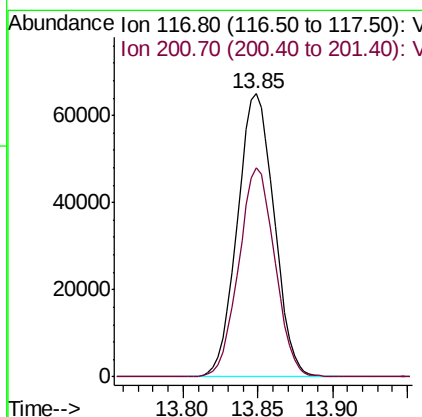
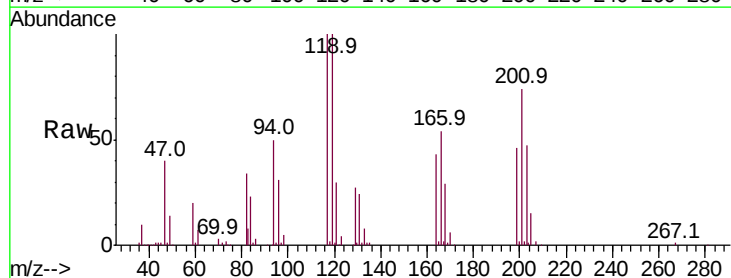
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

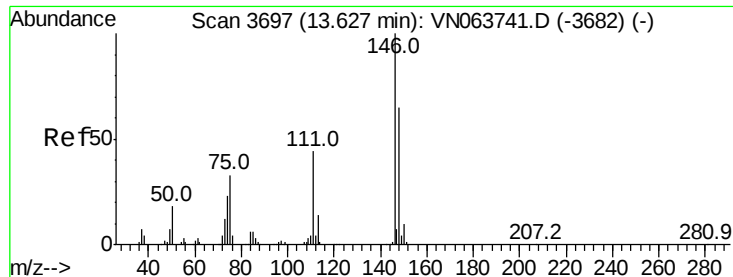
Tot Ion: 91 Resp: 484787
Ion Ratio Lower Upper
91 100
92 51.2 25.4 76.4
134 23.3 11.7 35.1



#90
Hexachloroethane
Concen: 49.275 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063790.D
Acq: 1 Oct 2020 22:57

Tgt Ion: 117 Resp: 111279
Ion Ratio Lower Upper
117 100
201 72.5 36.0 108.0





#91

1,2-Dichlorobenzene

Concen: 49.411 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

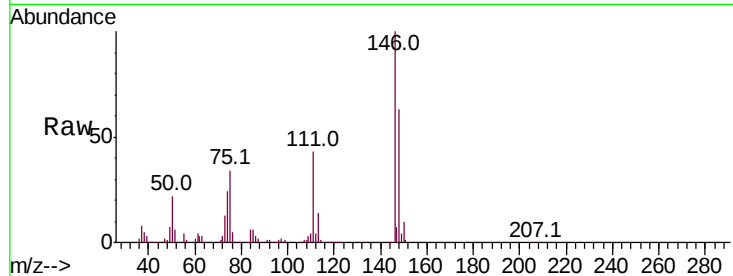
Tot Ion:146 Resp: 317537

Ion Ratio Lower Upper

146 100

111 43.9 22.2 66.6

148 63.8 32.5 97.4

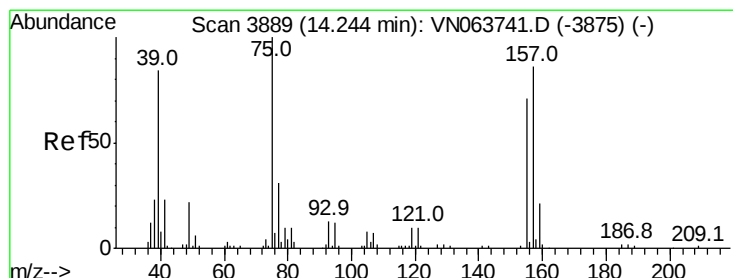
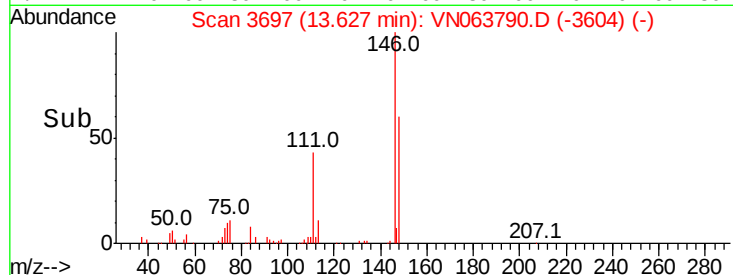
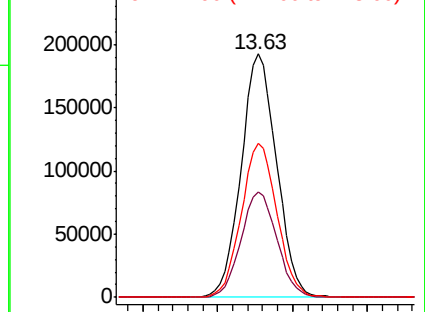


Abundance

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: 49.080 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

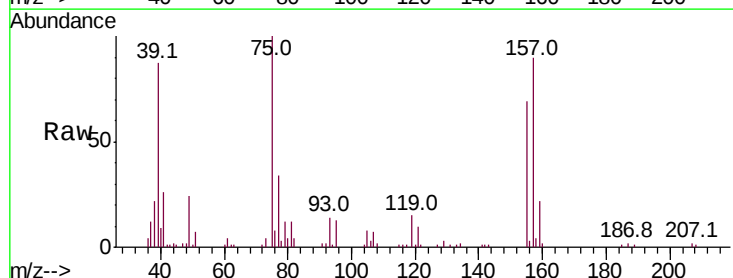
Tgt Ion: 75 Resp: 51443

Ion Ratio Lower Upper

75 100

155 68.9 34.8 104.5

157 88.2 43.7 131.1

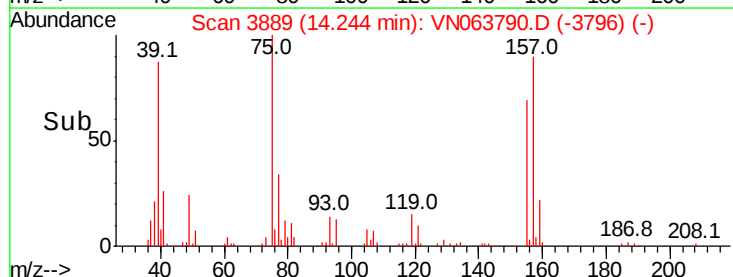
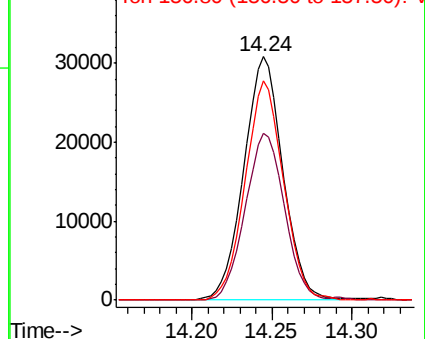


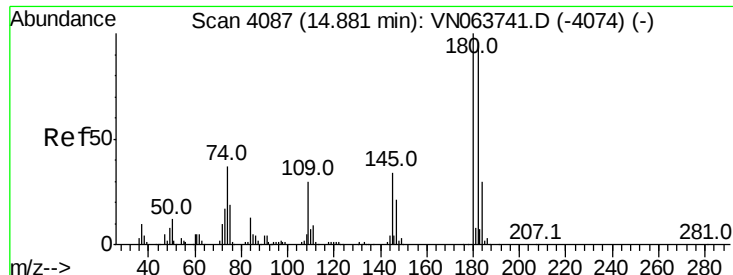
Abundance

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: 42.855 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

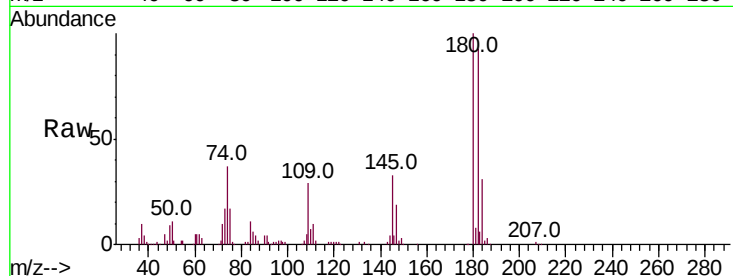
Tot Ion:180 Resp: 148855

Ion Ratio Lower Upper

180 100

182 95.9 48.2 144.6

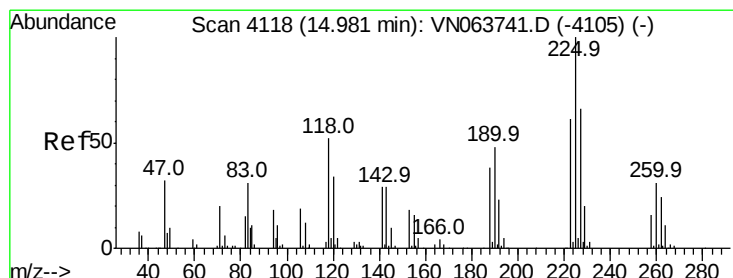
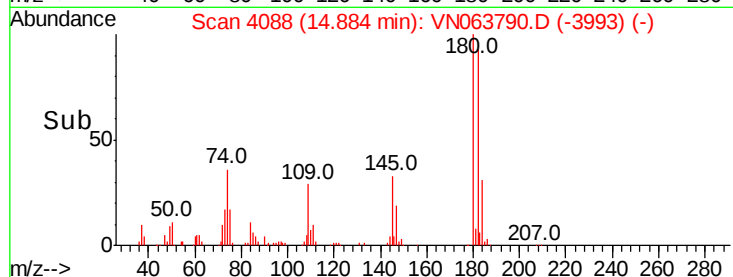
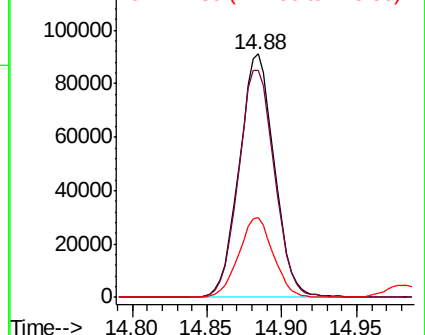
145 32.5 17.1 51.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 45.523 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

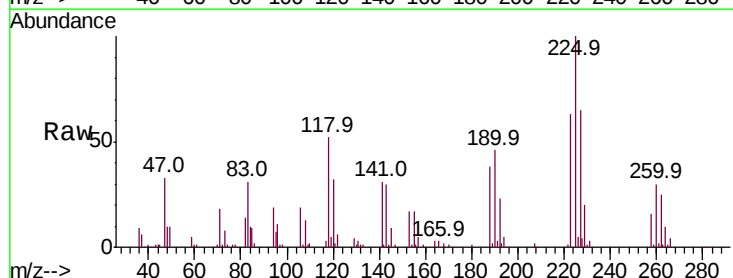
Tgt Ion:225 Resp: 79311

Ion Ratio Lower Upper

225 100

223 62.8 30.3 91.0

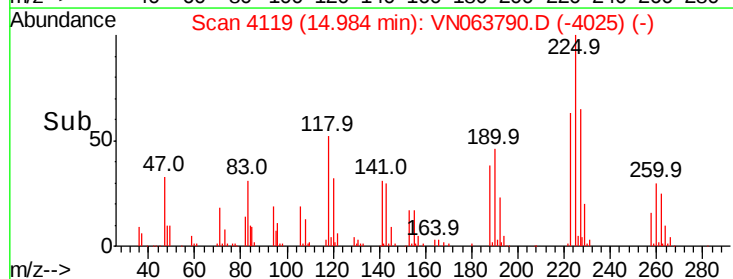
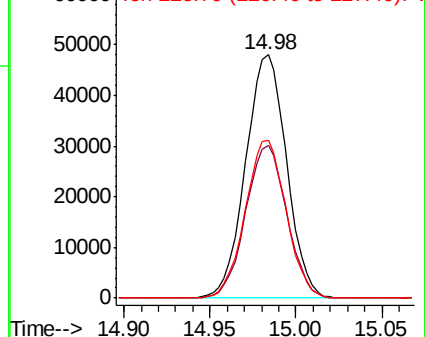
227 64.8 31.9 95.5

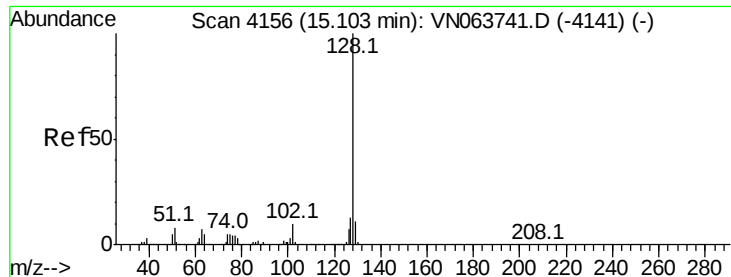


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 43.637 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

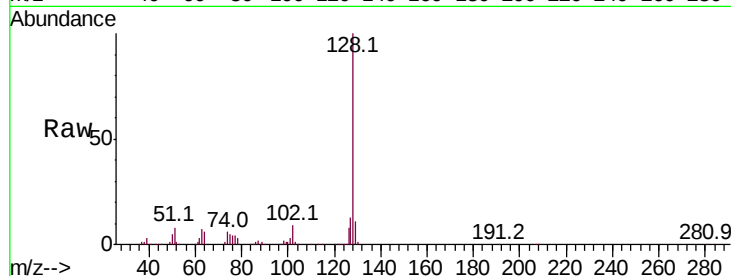
Tot Ion:128 Resp: 469061

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

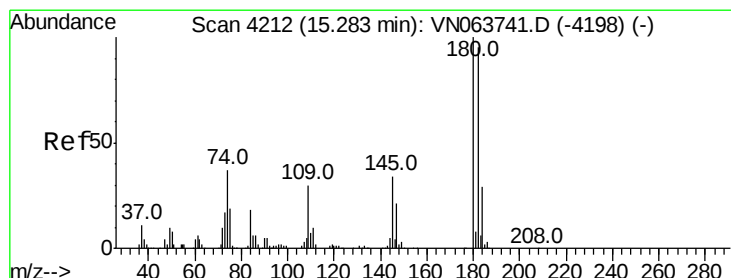
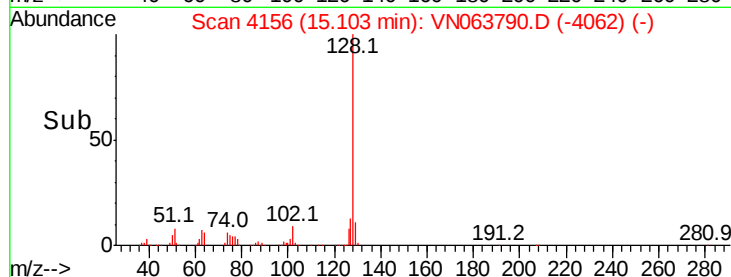
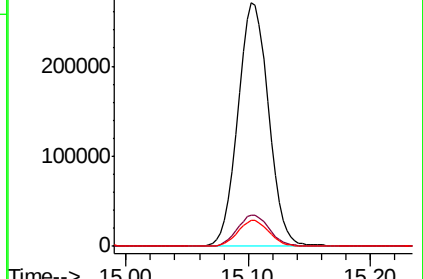
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 43.142 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063790.D

Acq: 1 Oct 2020 22:57

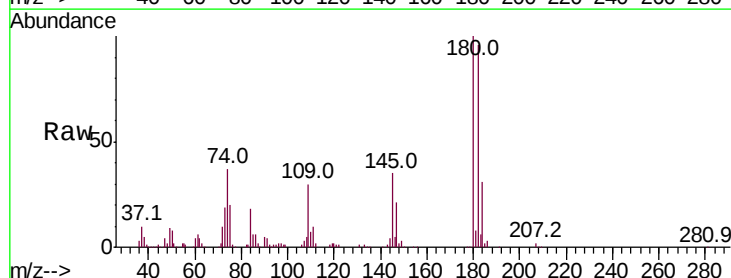
Tgt Ion:180 Resp: 145466

Ion Ratio Lower Upper

180 100

182 96.7 47.9 143.6

145 34.1 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

