

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064570.D
 Acq On : 11 Nov 2020 21:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 12 01:34:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	290612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	537775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	503282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	241569	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	253196	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	7.55	113	175939	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	10.06	98	672681	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
62) 4-Bromofluorobenzene	12.38	95	252713	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	181092	47.870	ug/l	98
3) Chloromethane	2.04	50	211516	46.032	ug/l	98
4) Vinyl Chloride	2.17	62	230682	48.887	ug/l	98
5) Bromomethane	2.53	94	149945	49.742	ug/l	95
6) Chloroethane	2.67	64	157526	52.142	ug/l	95
7) Trichlorofluoromethane	2.99	101	365842	52.653	ug/l	96
8) Diethyl Ether	3.37	74	130756	53.290	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	160676	48.697	ug/l	100
10) Methyl Iodide	3.90	142	208323	54.337	ug/l	99
11) Tert butyl alcohol	4.75	59	147642	264.480	ug/l	99
12) 1,1-Dichloroethene	3.69	96	157757	50.758	ug/l	93
13) Acrolein	3.57	56	120474	347.923	ug/l	97
14) Allyl chloride	4.27	41	293527	48.278	ug/l	98
15) Acrylonitrile	4.94	53	450364	289.774	ug/l	99
16) Acetone	3.78	43	409022	212.125	ug/l	99
17) Carbon Disulfide	4.00	76	452523	48.687	ug/l	100
18) Methyl Acetate	4.29	43	228635	60.313	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	573198	51.242	ug/l	100
20) Methylene Chloride	4.50	84	192352	50.279	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	178396	50.553	ug/l	95
22) Diisopropyl ether	5.91	45	662373	51.323	ug/l	98
23) Vinyl Acetate	5.85	43	2719223	258.996	ug/l	98
24) 1,1-Dichloroethane	5.80	63	358314	50.524	ug/l	100
25) 2-Butanone	6.79	43	626734	255.100	ug/l	98
26) 2,2-Dichloropropane	6.78	77	270445	42.126	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	204340	49.971	ug/l	96
28) Bromochloromethane	7.15	49	177132	50.813	ug/l	97
29) Tetrahydrofuran	7.17	42	416809	276.524	ug/l	100
30) Chloroform	7.33	83	388636	52.133	ug/l	98
31) Cyclohexane	7.61	56	279438	45.412	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	342745	51.837	ug/l	98
36) 1,1-Dichloropropene	7.76	75	270531	47.619	ug/l	98
37) Ethyl Acetate	6.89	43	267171	46.391	ug/l	98
38) Carbon Tetrachloride	7.73	117	303361	49.962	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	238537	46.838	ug/l	97
40) Benzene	8.00	78	808403	48.424	ug/l	100
41) Methacrylonitrile	7.13	41	110018	43.680	ug/l	92
42) 1,2-Dichloroethane	8.09	62	333669	49.527	ug/l	98
43) Isopropyl Acetate	8.13	43	461697	50.147	ug/l	100
44) Trichloroethene	8.80	130	199319	47.322	ug/l	97
45) 1,2-Dichloropropane	9.09	63	219141	49.196	ug/l	95
46) Dibromomethane	9.18	93	153270	52.269	ug/l	98
47) Bromodichloromethane	9.37	83	322917	51.216	ug/l	99
48) Methyl methacrylate	9.17	41	243821	52.482	ug/l	98
49) 1,4-Dioxane	9.17	88	66820	1091.972	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	1448992	269.871	ug/l	99
52) Toluene	10.13	92	514558	50.535	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	330644	49.465	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	342276	47.892	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	206789	52.075	ug/l	99
56) Ethyl methacrylate	10.40	69	296321	45.526	ug/l	98
57) 1,3-Dichloropropane	10.68	76	349322	50.398	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	787193	254.559	ug/l	97
59) 2-Hexanone	10.72	43	1057404	241.649	ug/l	100
60) Dibromochloromethane	10.87	129	240470	54.088	ug/l	99
61) 1,2-Dibromoethane	10.98	107	212529	52.765	ug/l	99
64) Tetrachloroethene	10.60	164	186699	48.158	ug/l	98
65) Chlorobenzene	11.41	112	540867	49.022	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	211293	51.334	ug/l	97
67) Ethyl Benzene	11.49	91	978553	49.863	ug/l	99
68) m/p-Xylenes	11.60	106	738108	103.708	ug/l	99
69) o-Xylene	11.92	106	345208	50.194	ug/l	98
70) Styrene	11.94	104	610164	52.724	ug/l	99
71) Bromoform	12.10	173	157297	50.873	ug/l #	100
73) Isopropylbenzene	12.23	105	921923	48.015	ug/l	100
74) N-amyl acetate	12.05	43	419318	45.149	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	296925	50.347	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	405984	69.363	ug/l #	100
77) Bromobenzene	12.50	156	225948	48.200	ug/l	98
78) n-propylbenzene	12.57	91	1070532	48.905	ug/l	100
79) 2-Chlorotoluene	12.65	91	669421	48.216	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	785961	49.619	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	97733	46.622	ug/l	98
82) 4-Chlorotoluene	12.75	91	714066	49.111	ug/l	100
83) tert-Butylbenzene	12.97	119	615086	49.719	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	798328	50.135	ug/l	99
85) sec-Butylbenzene	13.15	105	811239	51.777	ug/l	100
86) p-Isopropyltoluene	13.26	119	726980	51.585	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	399537	49.305	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	398757	47.617	ug/l	98
89) n-Butylbenzene	13.59	91	595835	49.173	ug/l	99
90) Hexachloroethane	13.85	117	141341	51.990	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	393621	50.499	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	63318	53.925	ug/l	98

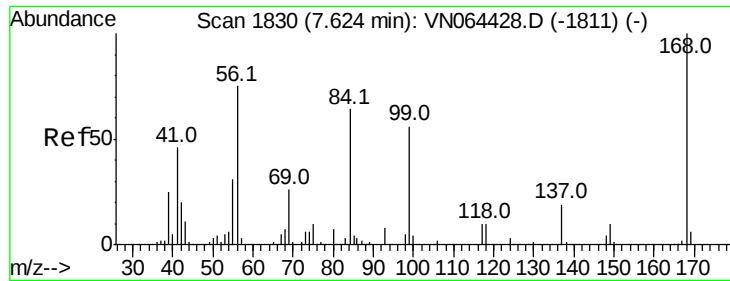
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	172136	44.705	ug/l	99
94) Hexachlorobutadiene	14.98	225	83068	52.343	ug/l	99
95) Naphthalene	15.11	128	562788	43.022	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	176985	47.350	ug/l	98

(#) = 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: VN064570.D

Acq: 11 Nov 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

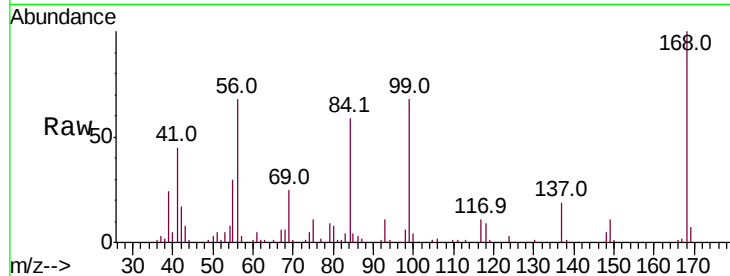
VSTDCCC050EC

Tot Ion:168 Resp: 290612

Ion Ratio Lower Upper

168 100

99 67.2 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

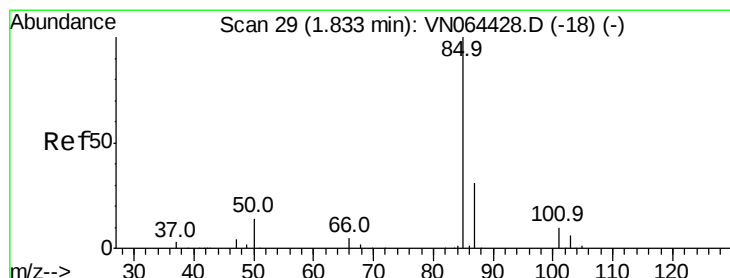
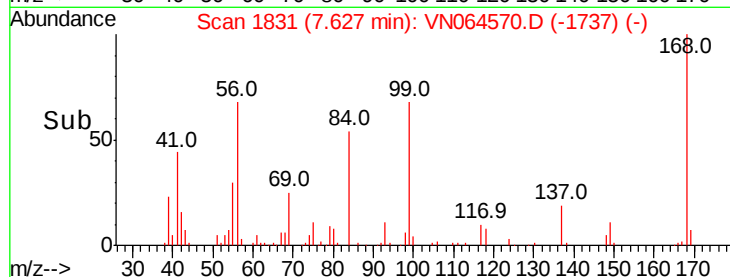
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 47.870 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064570.D

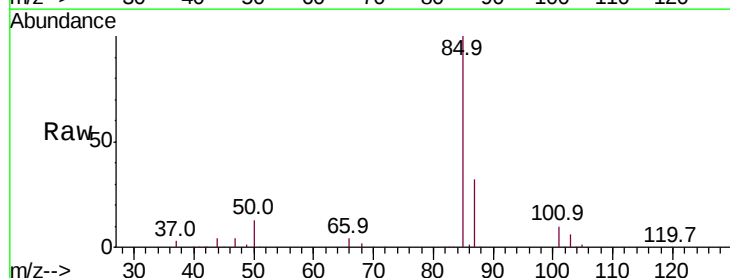
Acq: 11 Nov 2020 21:16

Tgt Ion: 85 Resp: 181092

Ion Ratio Lower Upper

85 100

87 32.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.84

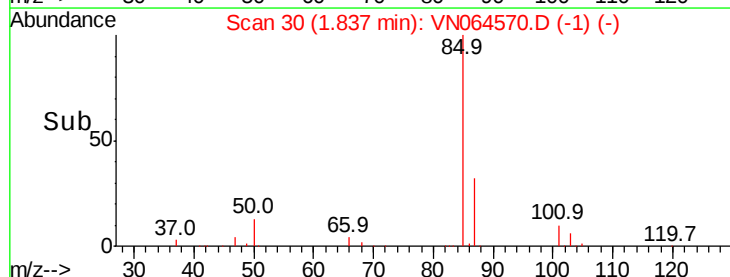
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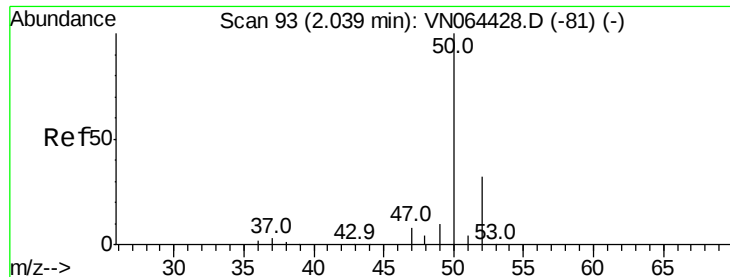
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 46.032 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

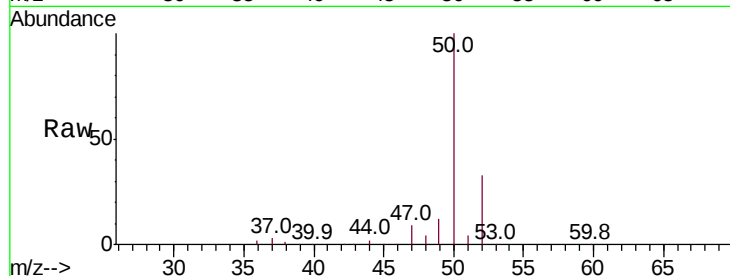
VSTDCCC050EC

Tot Ion: 50 Resp: 211516

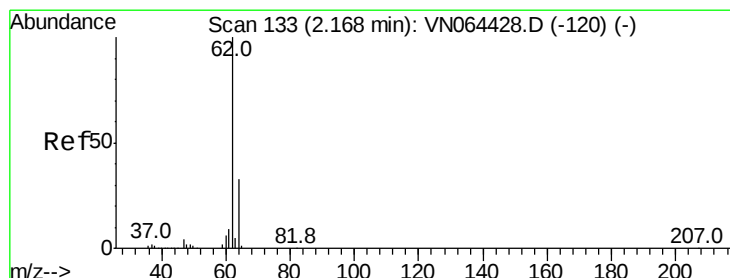
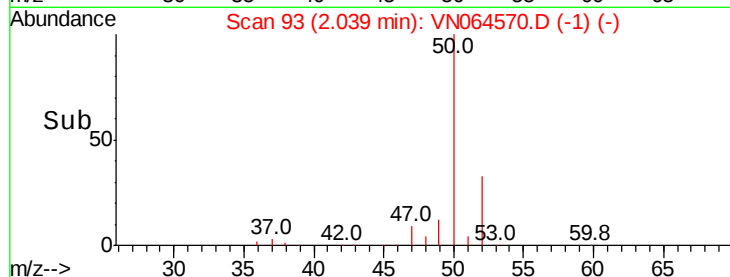
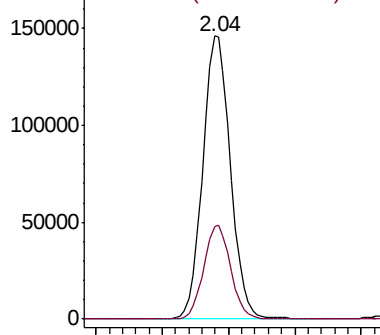
Ion Ratio Lower Upper

50 100

52 32.5 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 48.887 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064570.D

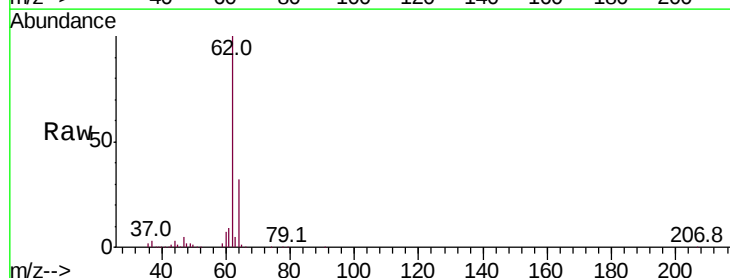
Acq: 11 Nov 2020 21:16

Tgt Ion: 62 Resp: 230682

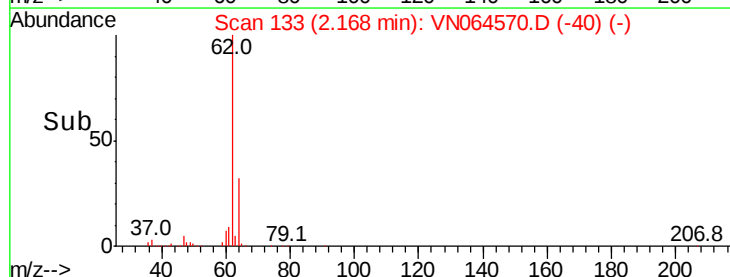
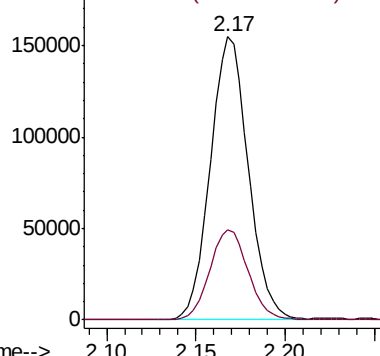
Ion Ratio Lower Upper

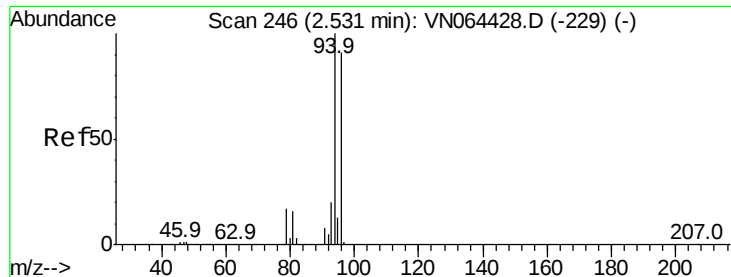
62 100

64 32.0 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 49.742 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

Instrument :

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ClientSampleId :

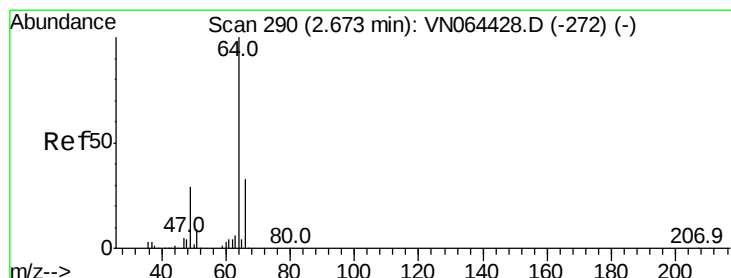
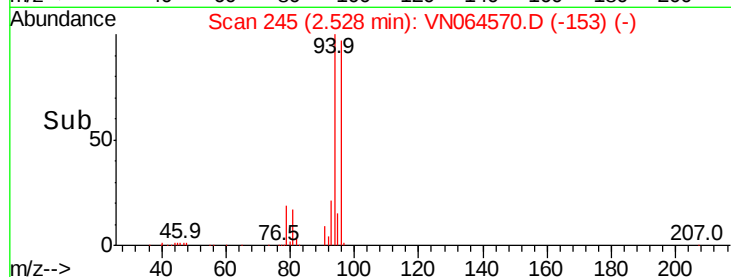
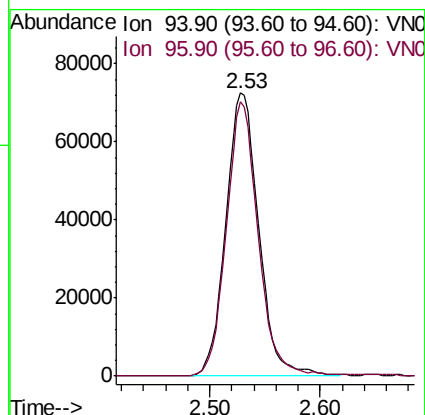
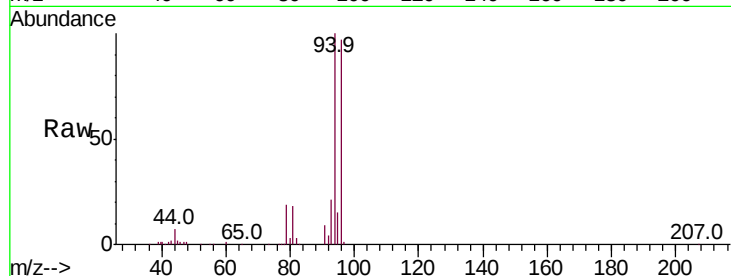
VSTDCCC050EC

Tot Ion: 94 Resp: 149945

Ion Ratio Lower Upper

94 100

96 96.5 73.1 109.7



#6

Chloroethane

Concen: 52.142 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064570.D

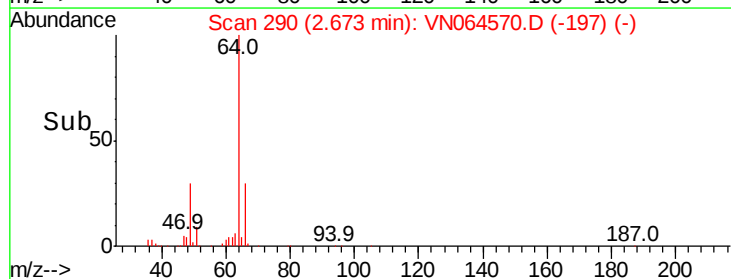
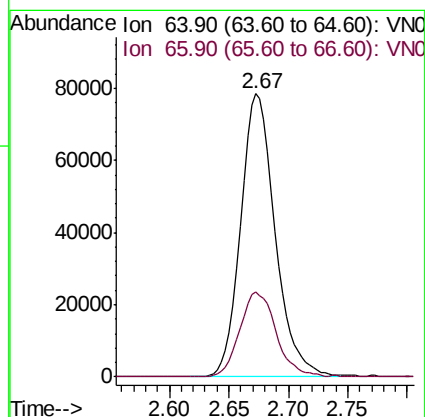
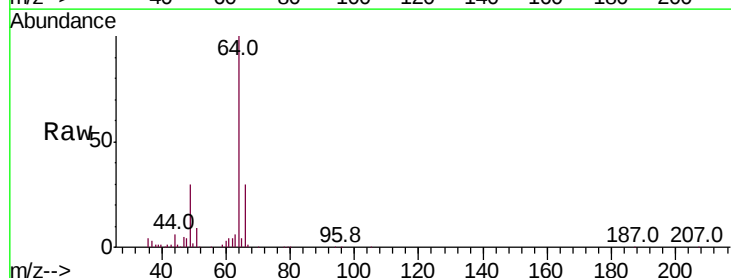
Acq: 11 Nov 2020 21:16

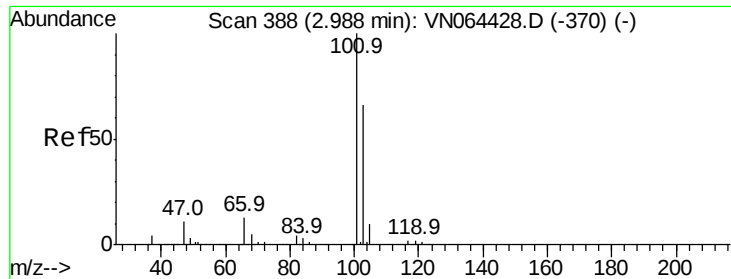
Tgt Ion: 64 Resp: 157526

Ion Ratio Lower Upper

64 100

66 29.8 26.1 39.1





#7

Trichlorofluoromethane

Concen: 52.653 ug/l

RT: 2.99 min Scan# 388

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

Instrument :

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ClientSampleId :

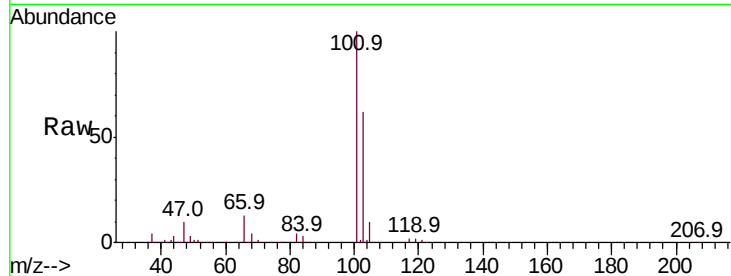
VSTDCCC050EC

Tot Ion:101 Resp: 365842

Ion Ratio Lower Upper

101 100

103 62.5 52.4 78.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

2.99

150000

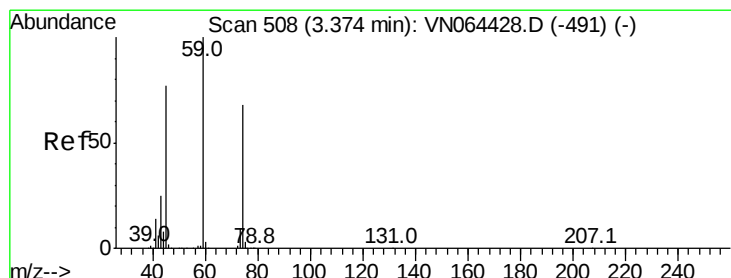
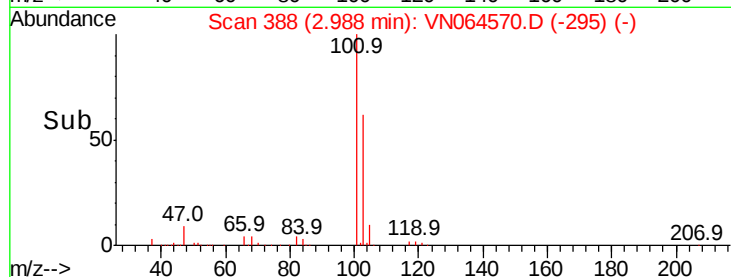
100000

50000

0

Time-->

2.90 2.95 3.00 3.05



#8

Diethyl Ether

Concen: 53.290 ug/l

RT: 3.37 min Scan# 508

Delta R.T. 0.00 min

Lab File: VN064570.D

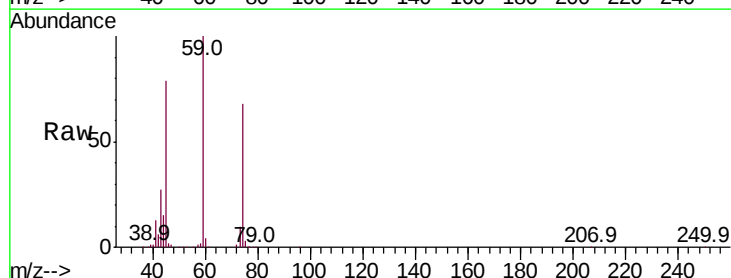
Acq: 11 Nov 2020 21:16

Tgt Ion: 74 Resp: 130756

Ion Ratio Lower Upper

74 100

45 112.6 55.9 167.6



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V

80000

60000

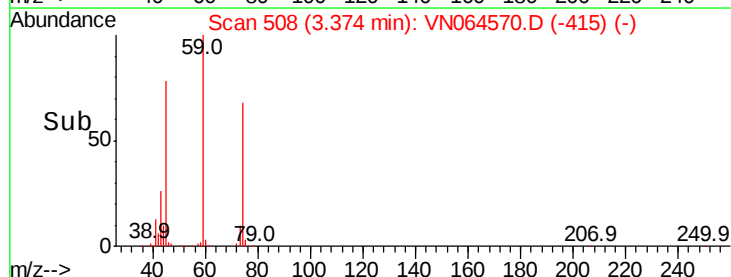
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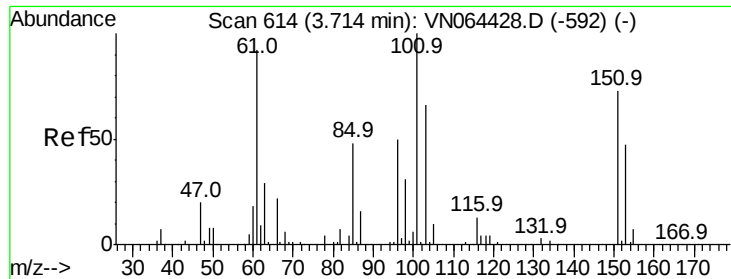
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0

Time-->

3.30 3.40 3.50





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.697 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

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MSVOA_N

ClientSampleId :

VSTDCCC050EC

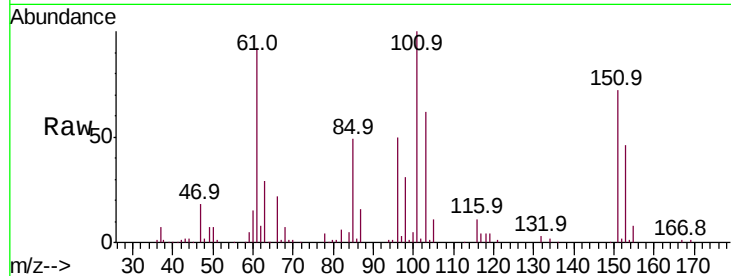
Tot Ion:101 Resp: 160676

Ion Ratio Lower Upper

101 100

85 48.7 38.6 57.8

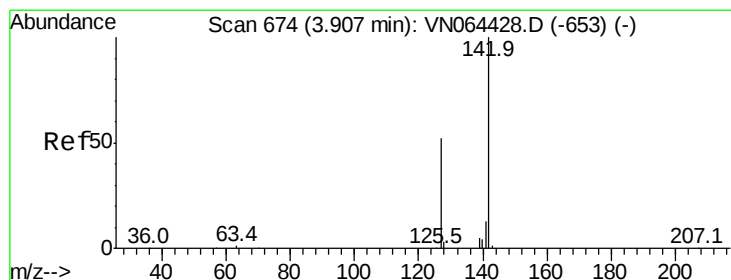
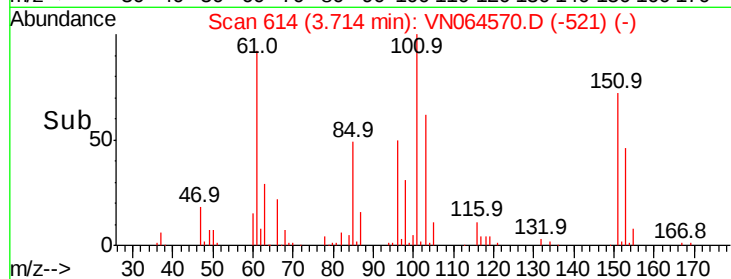
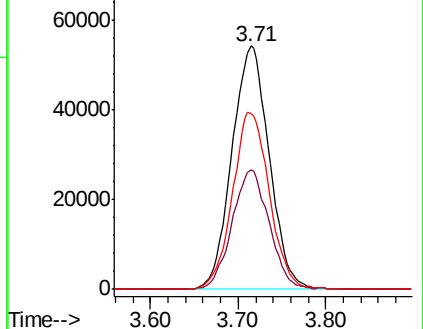
151 71.8 57.5 86.3



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: 54.337 ug/l

RT: 3.90 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

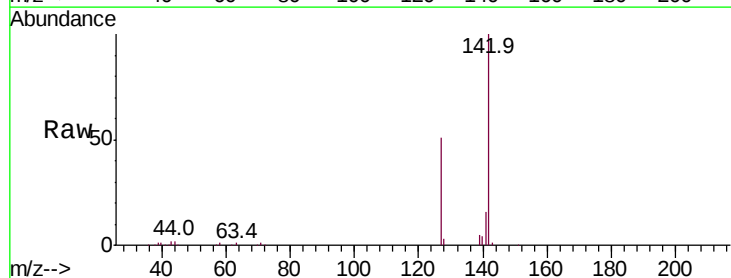
Tgt Ion:142 Resp: 208323

Ion Ratio Lower Upper

142 100

127 51.3 41.8 62.8

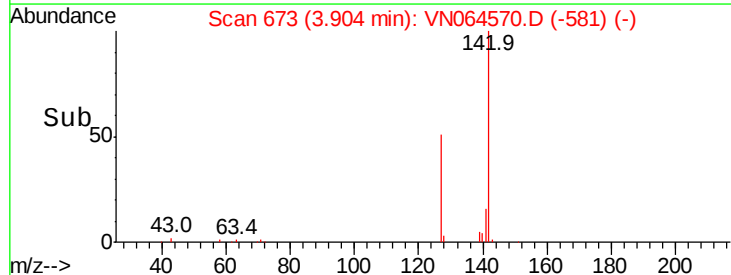
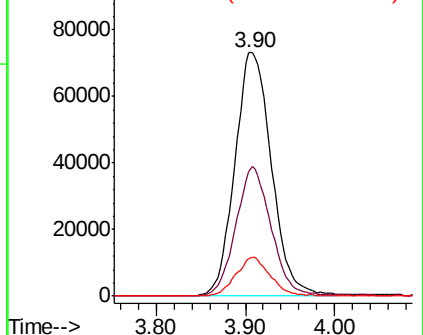
141 15.0 11.4 17.2

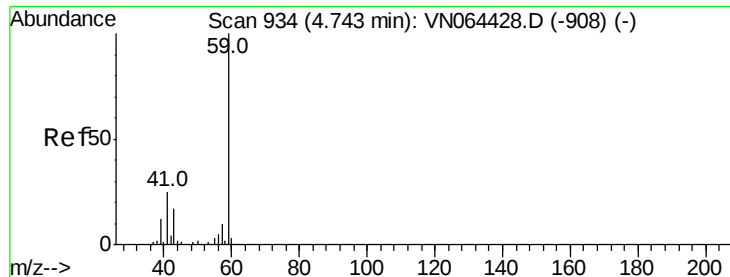


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



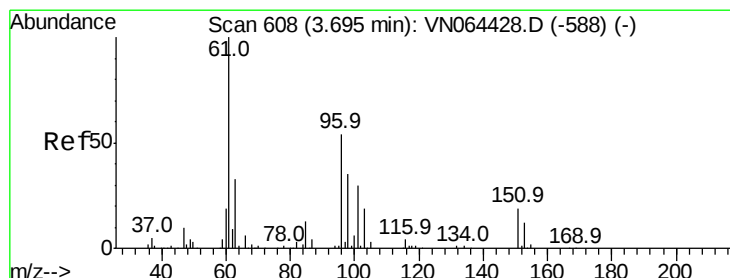
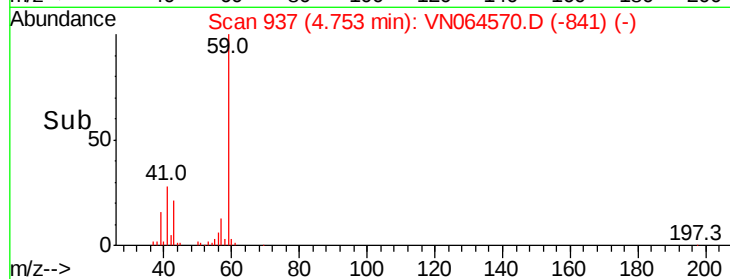
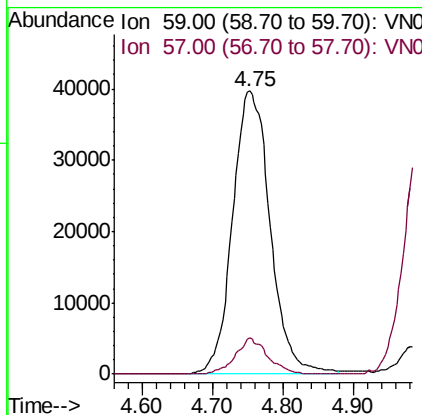
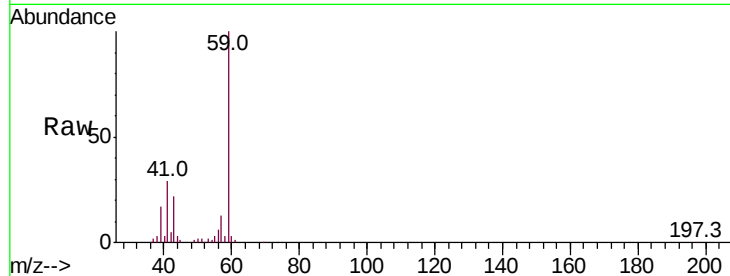


#11

Tert butyl alcohol
Concen: 264.480 ug/l
RT: 4.75 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

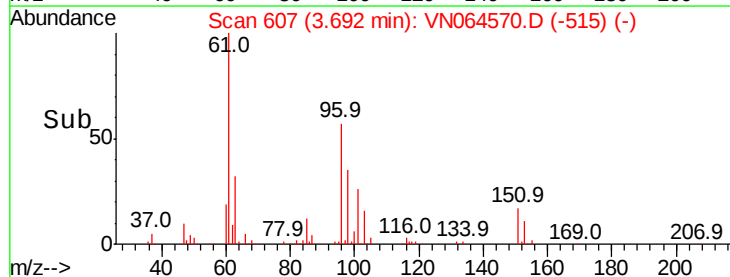
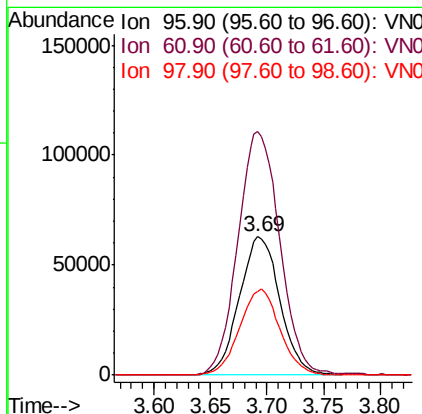
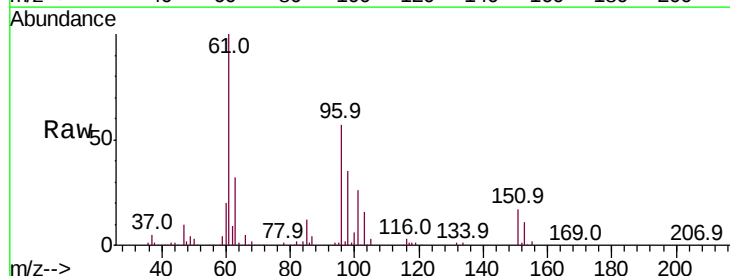
Tot Ion: 59 Resp: 147642
Ion Ratio Lower Upper
59 100
57 10.9 9.0 13.4

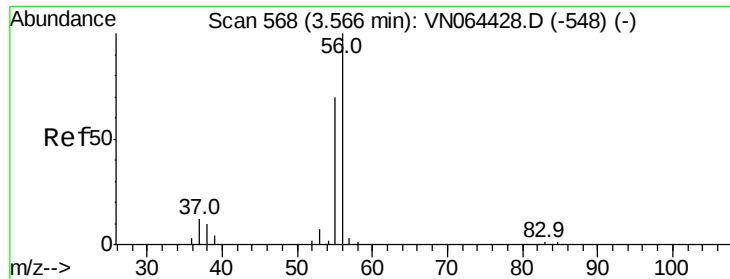


#12

1,1-Dichloroethene
Concen: 50.758 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Tgt Ion: 96 Resp: 157757
Ion Ratio Lower Upper
96 100
61 176.3 149.5 224.3
98 61.0 52.4 78.6





#13

Acrolein

Concen: 347.923 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

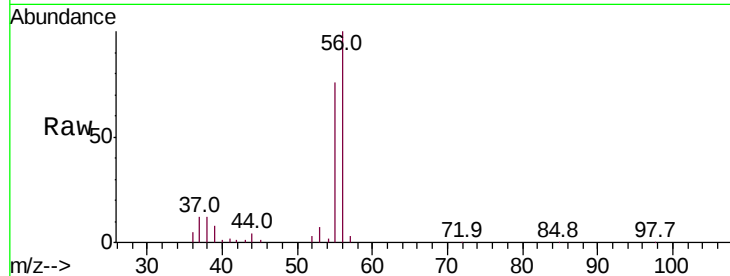
VSTDCCC050EC

Tot Ion: 56 Resp: 120474

Ion Ratio Lower Upper

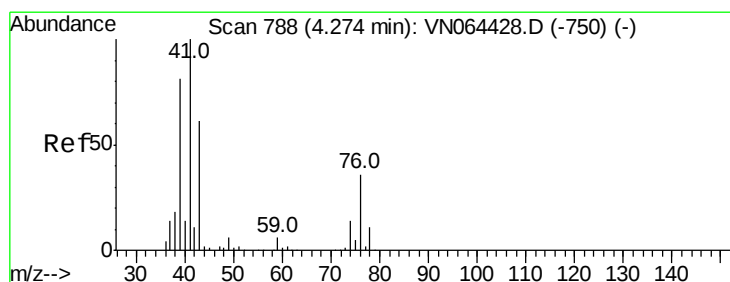
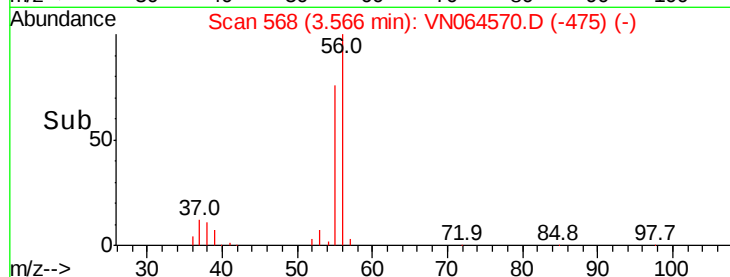
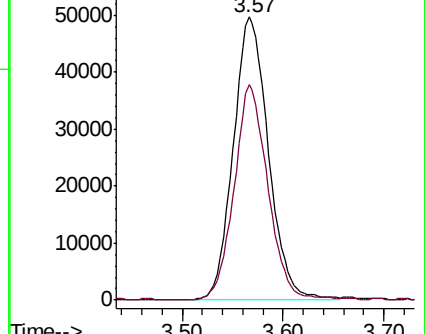
56 100

55 72.7 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 48.278 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

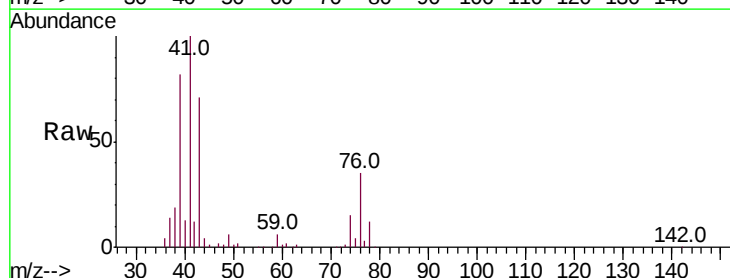
Tgt Ion: 41 Resp: 293527

Ion Ratio Lower Upper

41 100

39 75.5 61.8 92.8

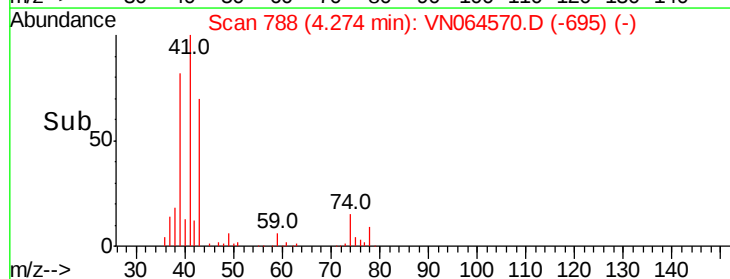
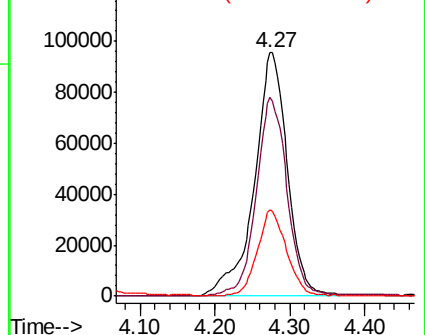
76 30.6 25.4 38.0

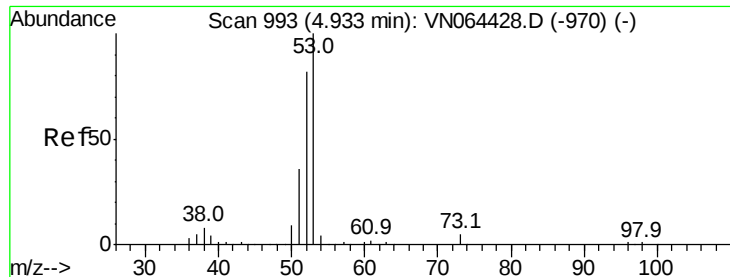


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 289.774 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

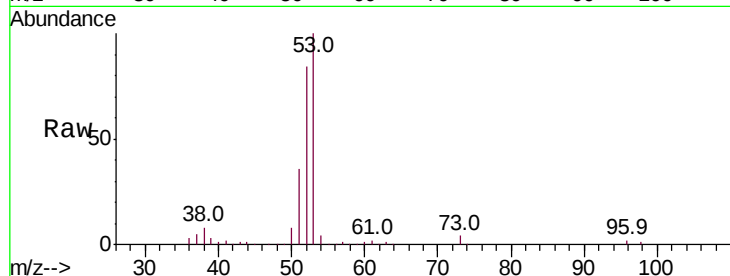
Tot Ion: 53 Resp: 450364

Ion Ratio Lower Upper

53 100

52 80.4 65.6 98.4

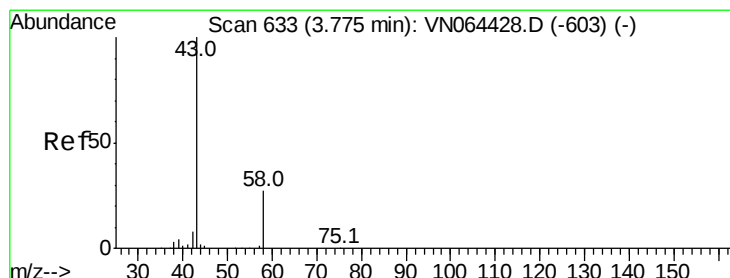
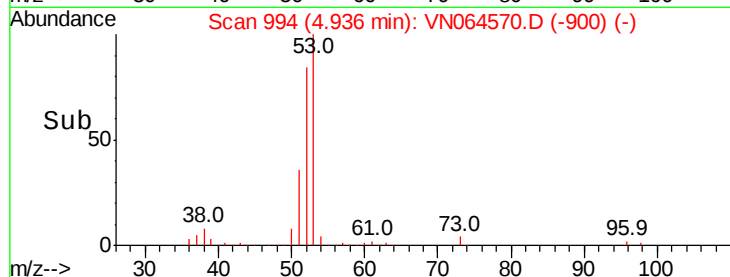
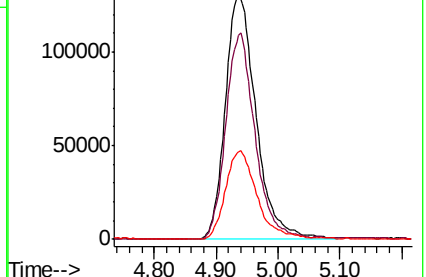
51 37.2 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064428.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN064428.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN064428.D (-970) (-)



#16

Acetone

Concen: 212.125 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064570.D

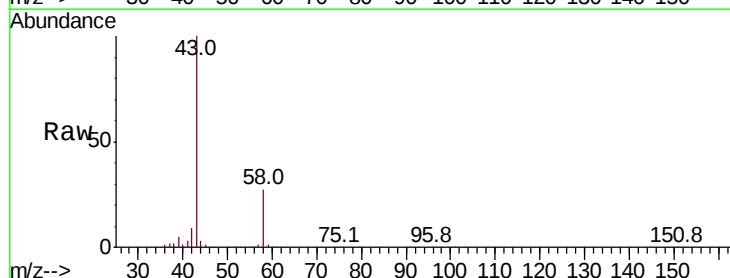
Acq: 11 Nov 2020 21:16

Tgt Ion: 43 Resp: 409022

Ion Ratio Lower Upper

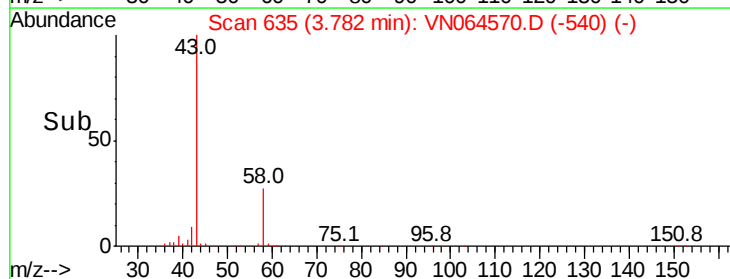
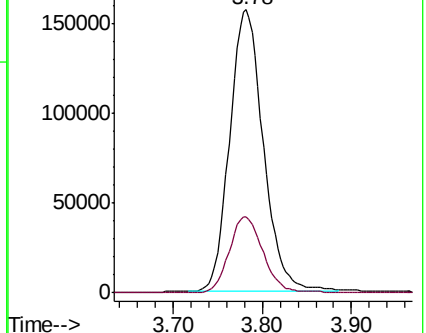
43 100

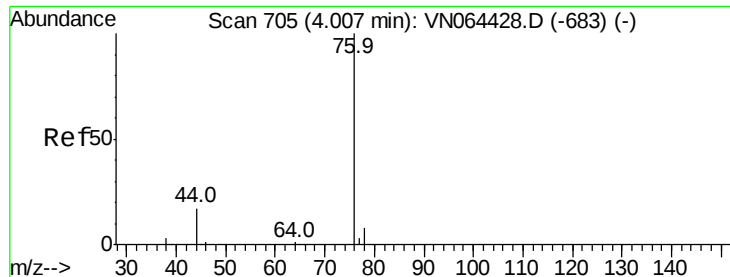
58 27.2 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-603) (-)

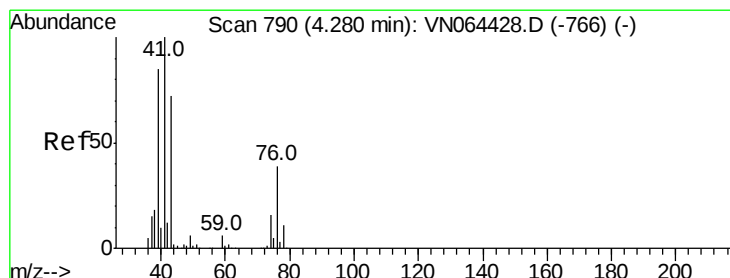
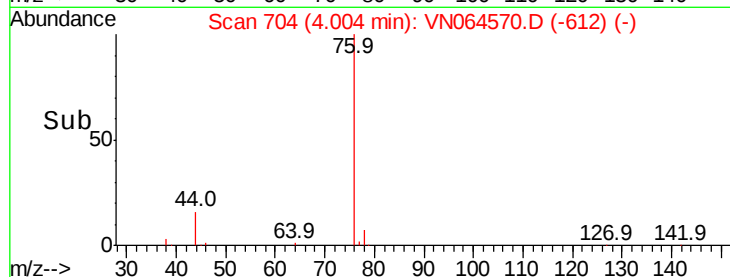
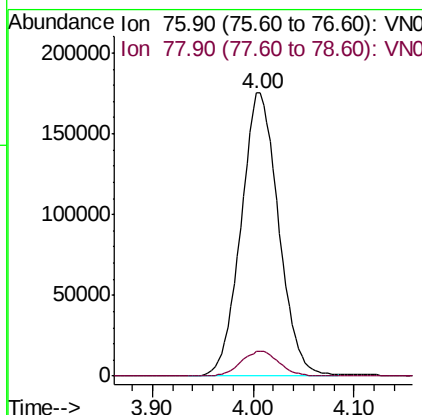
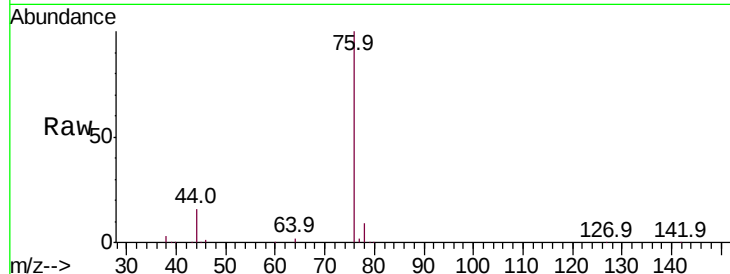




#17
Carbon Disulfide
Concen: 48.687 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

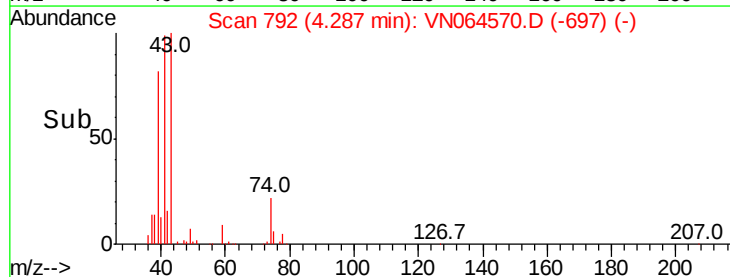
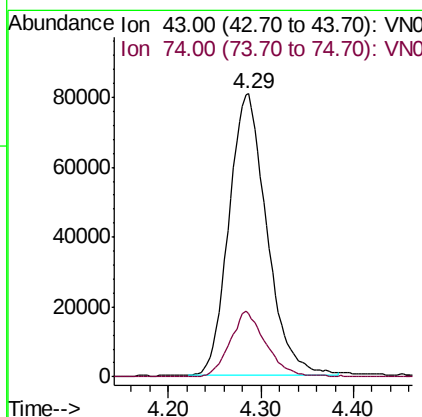
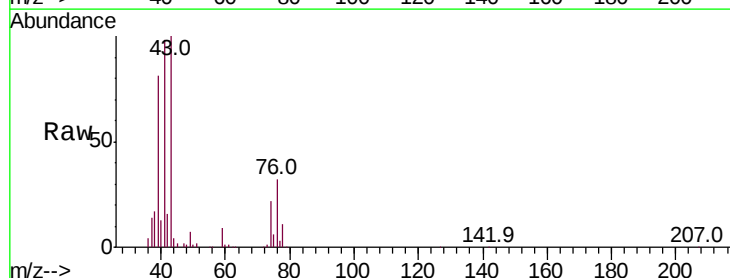
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

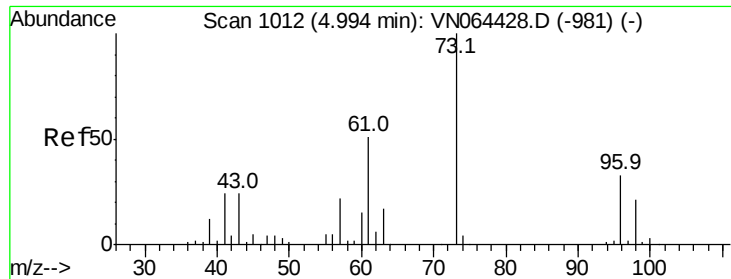
Tot Ion: 76 Resp: 452523
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 60.313 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Tgt Ion: 43 Resp: 228635
Ion Ratio Lower Upper
43 100
74 21.8 17.0 25.4

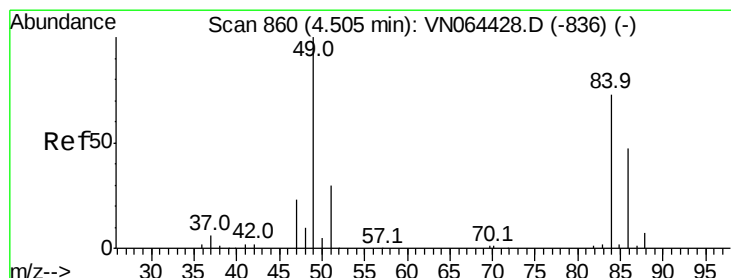
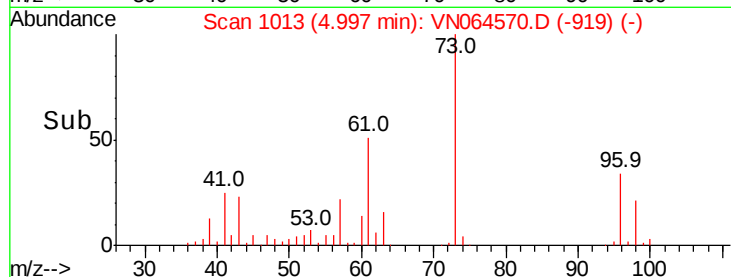
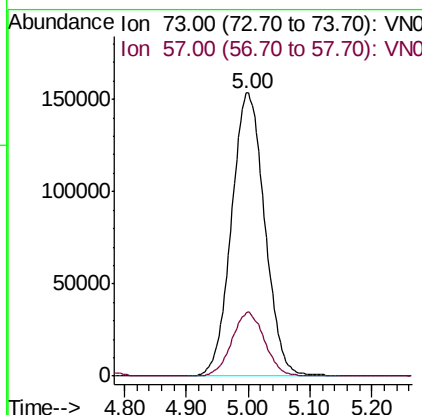
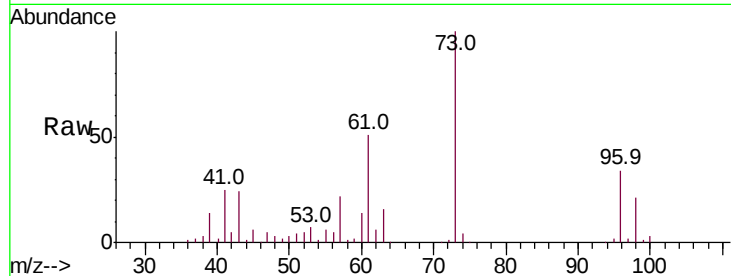




#19
Methvl tert-butvl Ether
Concen: 51.242 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

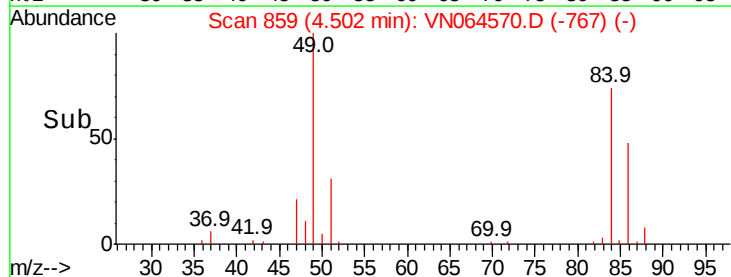
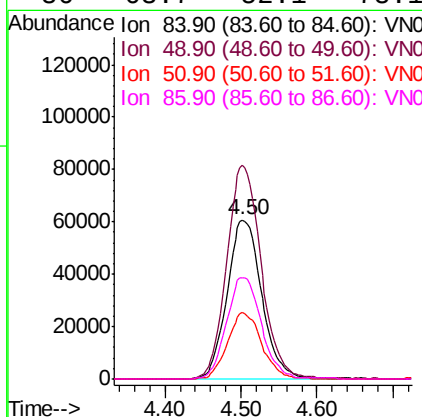
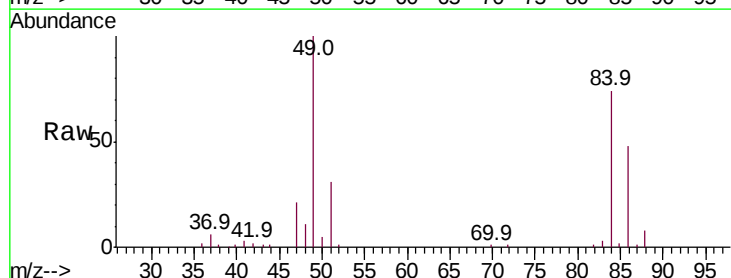
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

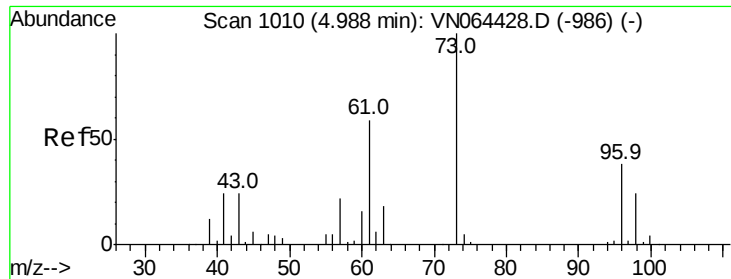
Tot Ion: 73 Resp: 573198
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 50.279 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Tgt Ion: 84 Resp: 192352
Ion Ratio Lower Upper
84 100
49 134.5 110.1 165.1
51 42.2 33.6 50.4
86 63.7 52.1 78.1

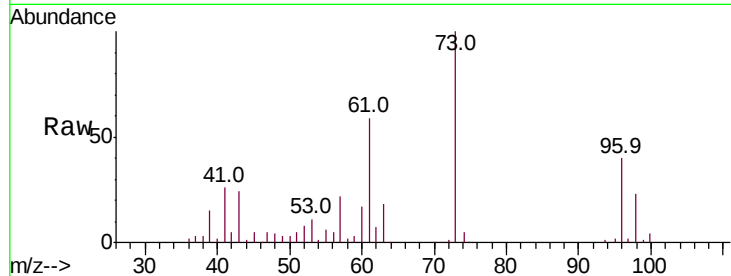




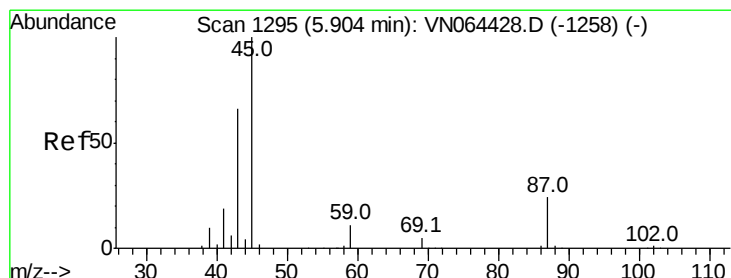
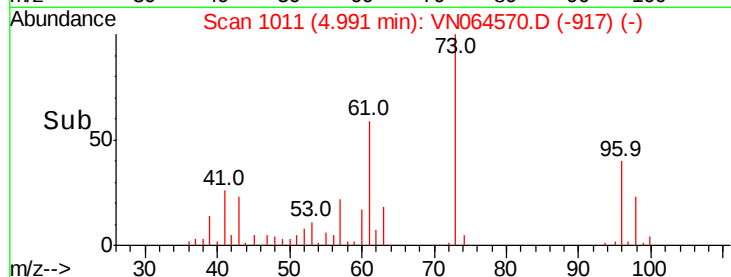
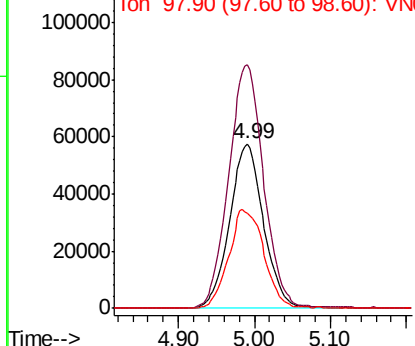
#21
trans-1,2-Dichloroethene
Concen: 50.553 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 178396
Ion Ratio Lower Upper
96 100
61 147.6 122.4 183.6
98 57.6 50.4 75.6

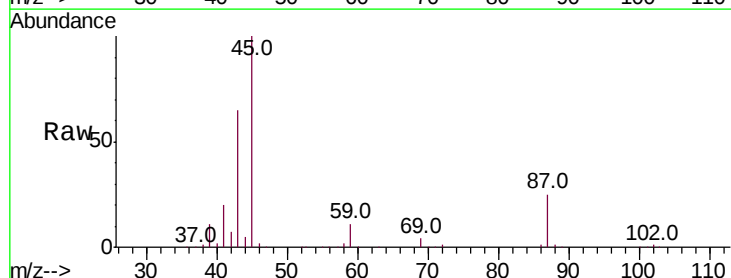


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

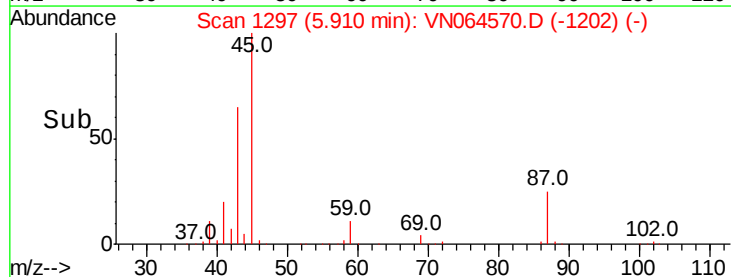
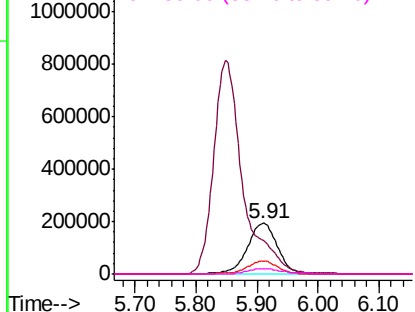


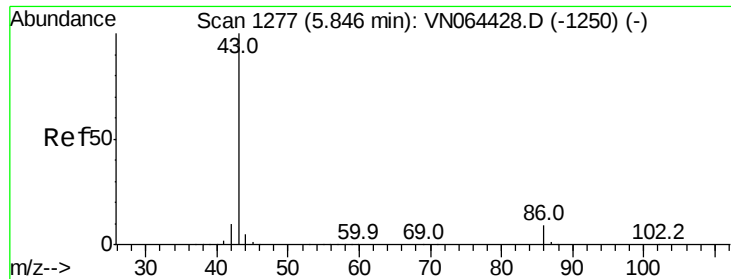
#22
Diisopropyl ether
Concen: 51.323 ug/l
RT: 5.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Tgt Ion: 45 Resp: 662373
Ion Ratio Lower Upper
45 100
43 64.3 53.2 79.8
87 25.0 19.9 29.9
59 10.7 8.6 13.0



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

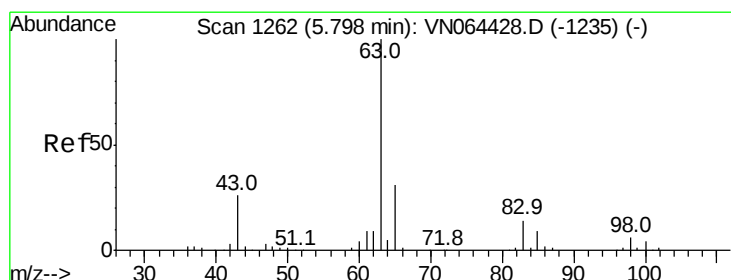
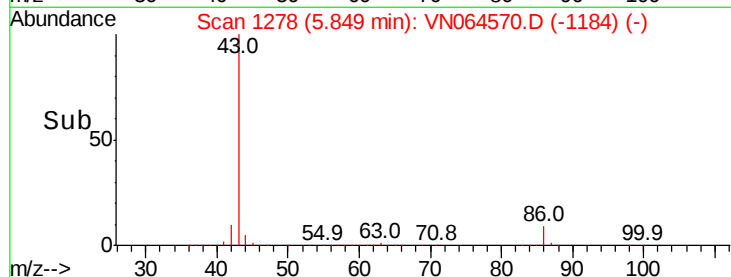
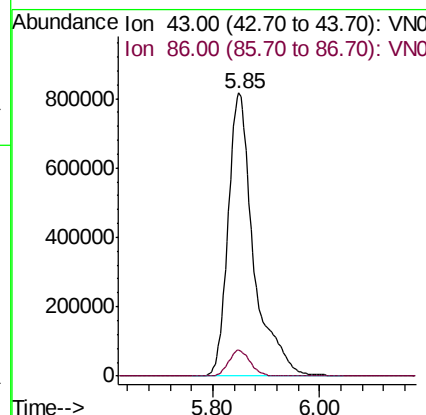
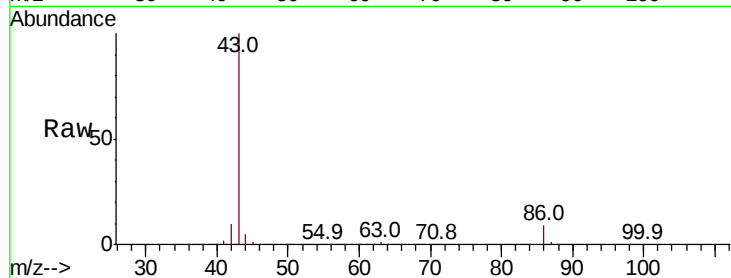




#23
 Vinyl Acetate
 Concen: 258.996 ug/l
 RT: 5.85 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: VN064570.D
 Acq: 11 Nov 2020 21:16

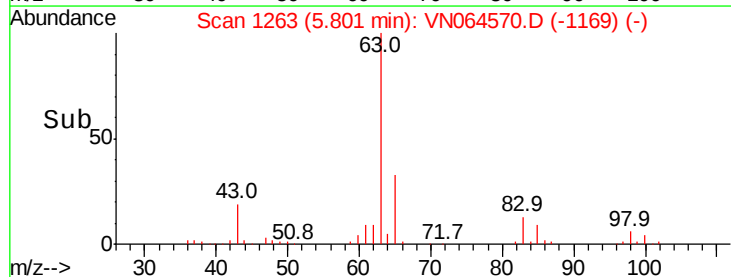
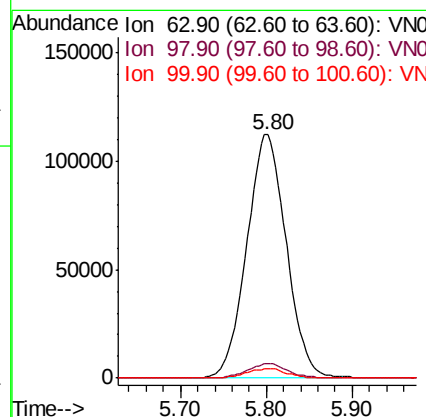
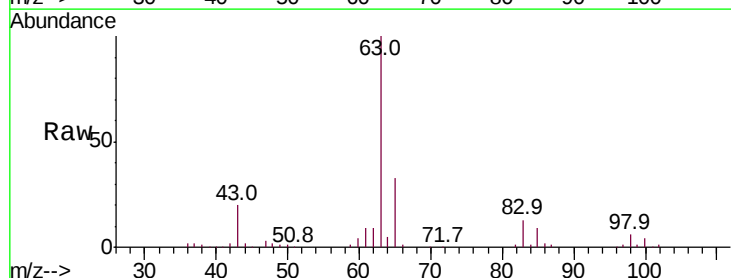
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

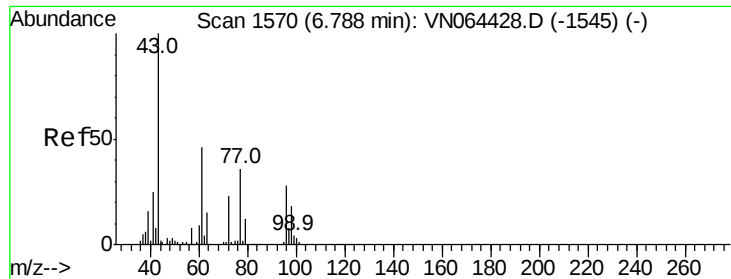
Tot Ion: 43 Resp: 2719223
 Ion Ratio Lower Upper
 43 100
 86 9.1 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 50.524 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN064570.D
 Acq: 11 Nov 2020 21:16

Tgt Ion: 63 Resp: 358314
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.2
 100 3.8 1.8 5.3





#25

2-Butanone

Concen: 255.100 ug/l

RT: 6.79 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

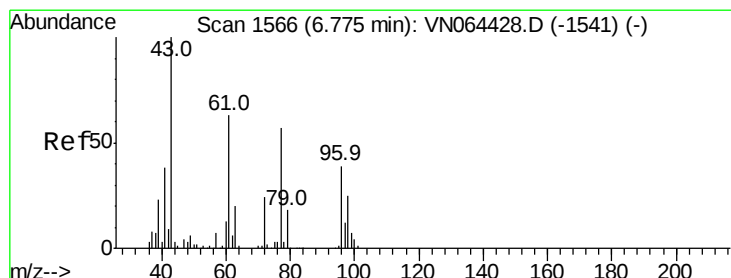
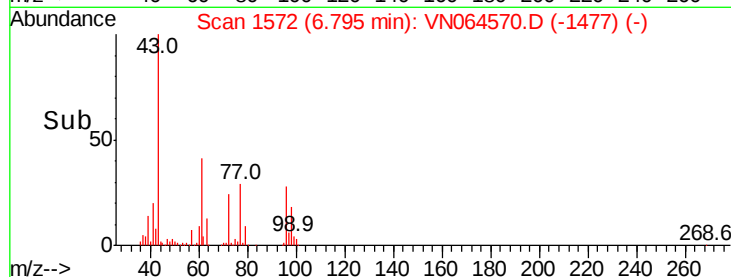
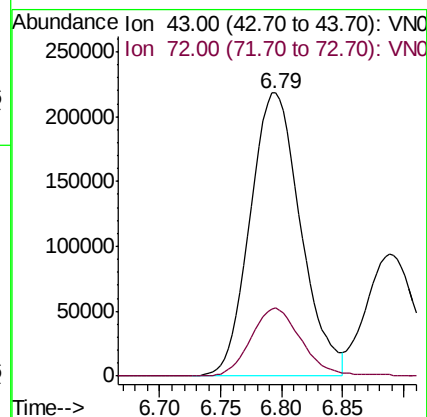
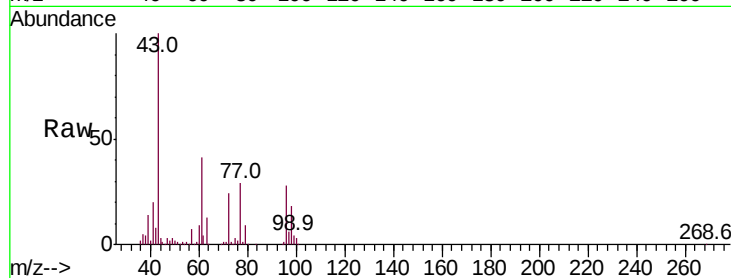
VSTDCCC050EC

Tot Ion: 43 Resp: 626734

Ion Ratio Lower Upper

43 100

72 24.0 18.5 27.7



#26

2,2-Dichloropropane

Concen: 42.126 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064570.D

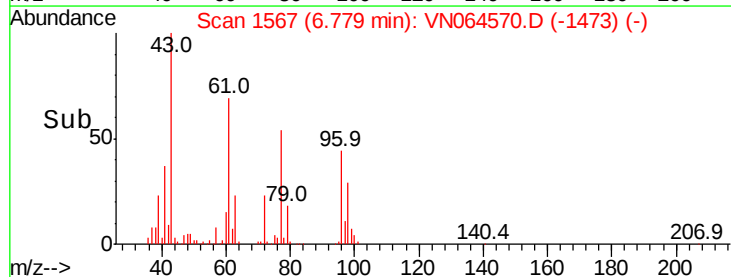
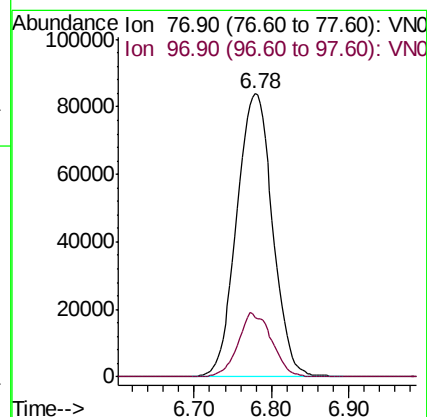
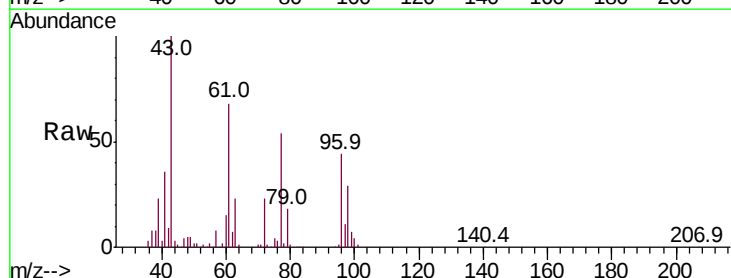
Acq: 11 Nov 2020 21:16

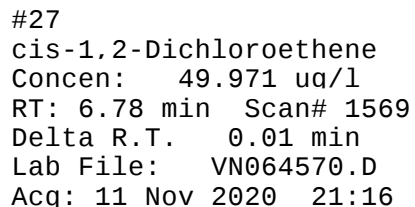
Tgt Ion: 77 Resp: 270445

Ion Ratio Lower Upper

77 100

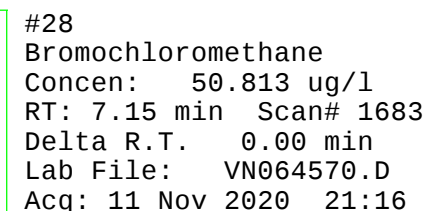
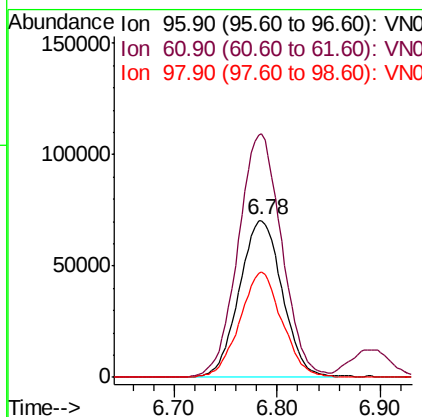
97 21.3 10.2 30.6



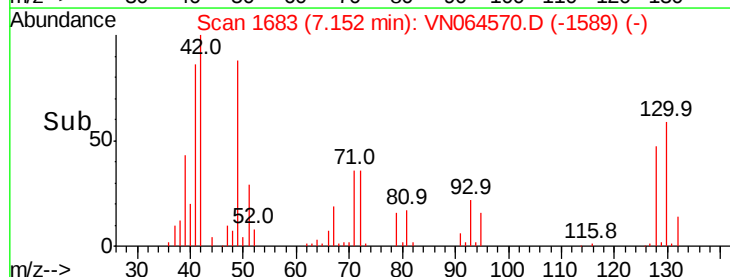
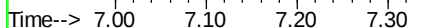
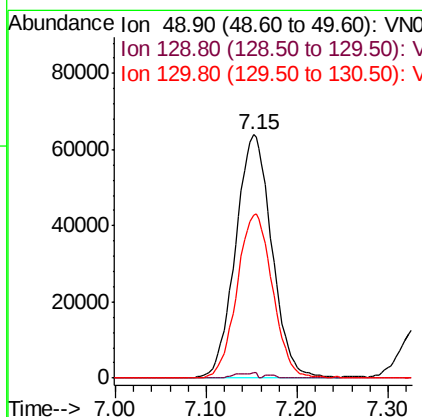


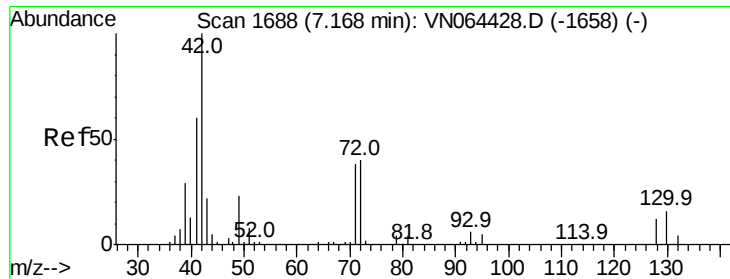
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tqt	Ion: 96	Resp:	204340
Ion	Ratio	Lower	Upper
96	100		
61	156.9	0.0	329.6
98	66.1	0.0	131.2



Tgt	Ion: 49	Resp:	177132
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.6
130	65.7	54.2	81.4

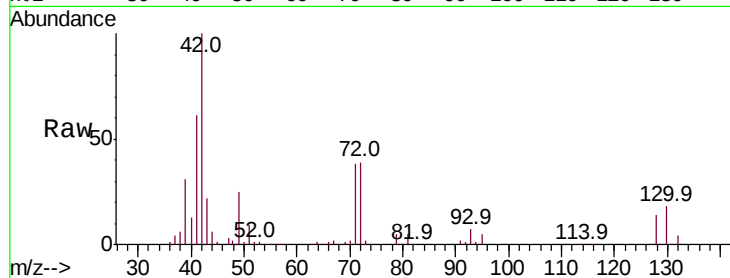




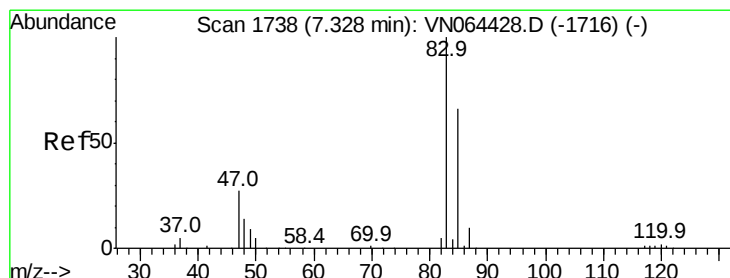
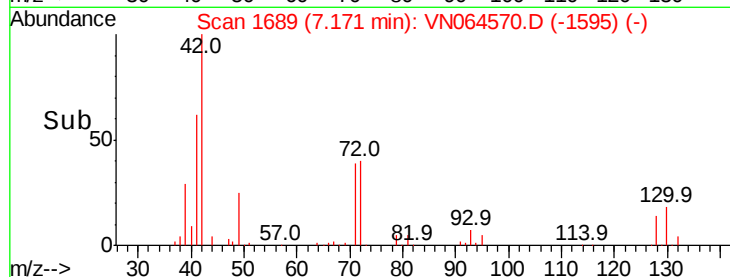
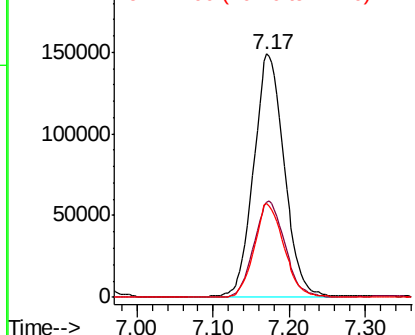
#29
Tetrahydrofuran
Concen: 276.524 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 416809
Ion Ratio Lower Upper
42 100
72 39.8 31.7 47.5
71 37.6 29.8 44.6

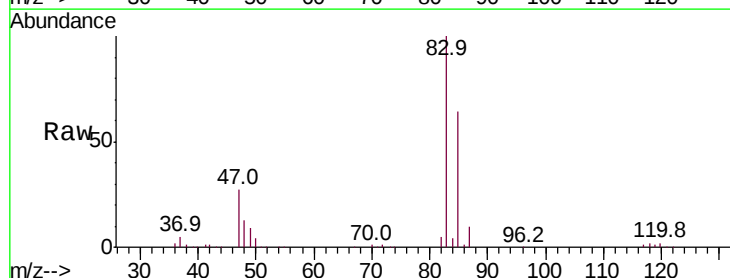


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

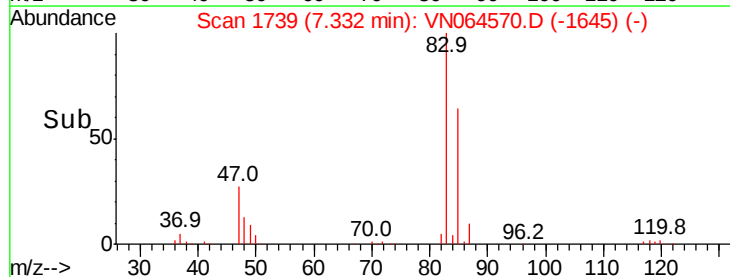
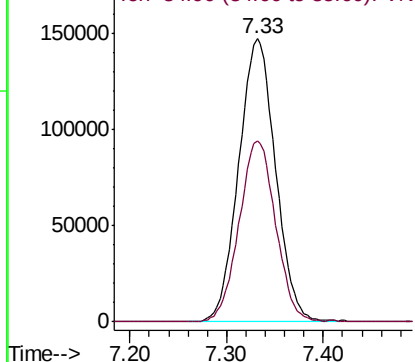


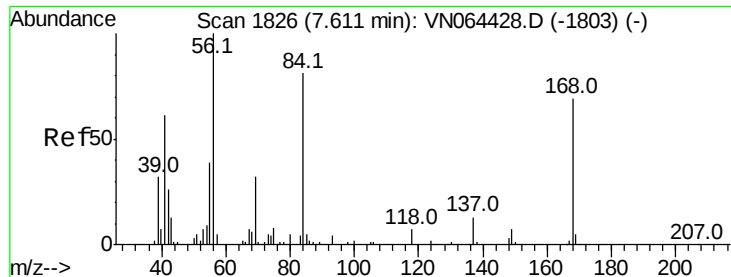
#30
Chloroform
Concen: 52.133 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Tgt Ion: 83 Resp: 388636
Ion Ratio Lower Upper
83 100
85 63.9 52.5 78.7



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

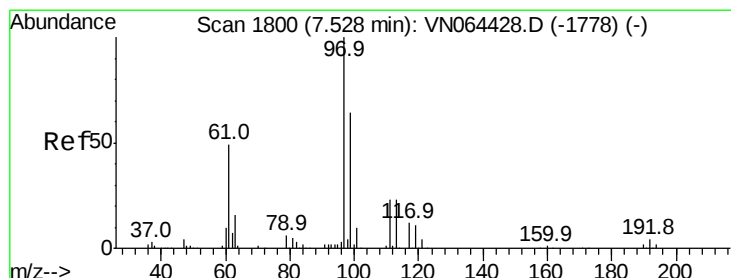
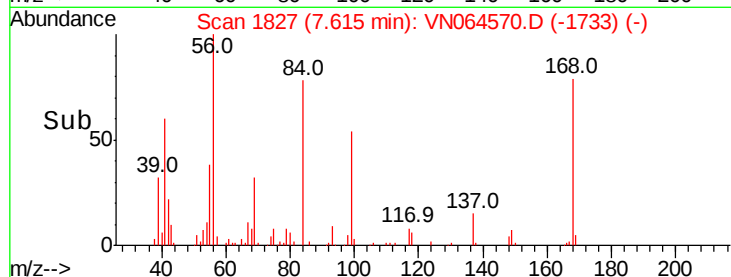
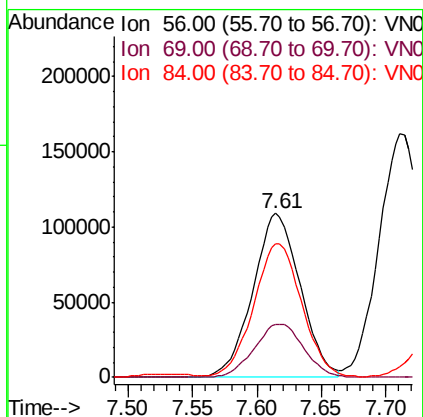
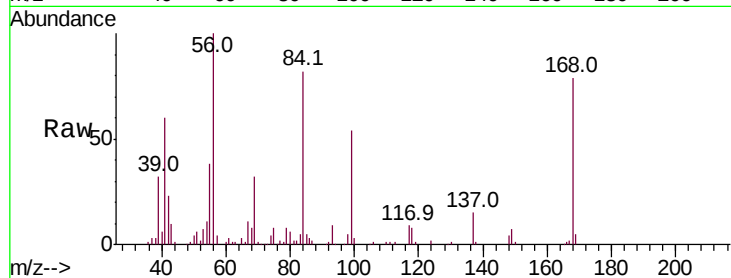




#31
Cyclohexane
Concen: 45.412 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

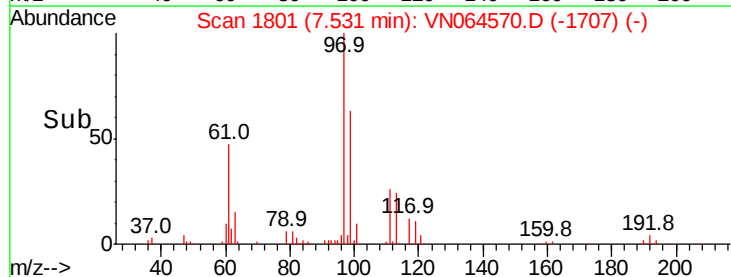
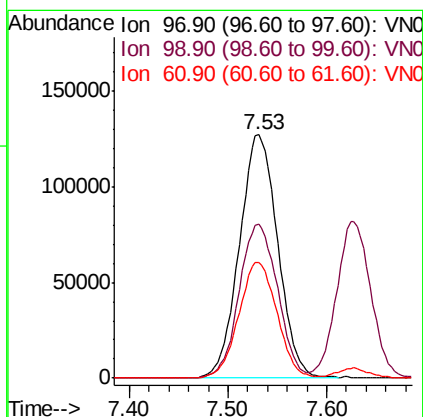
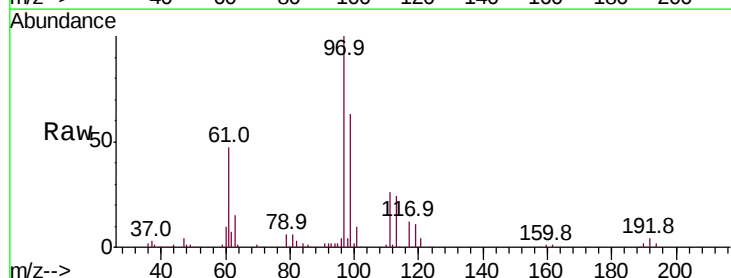
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

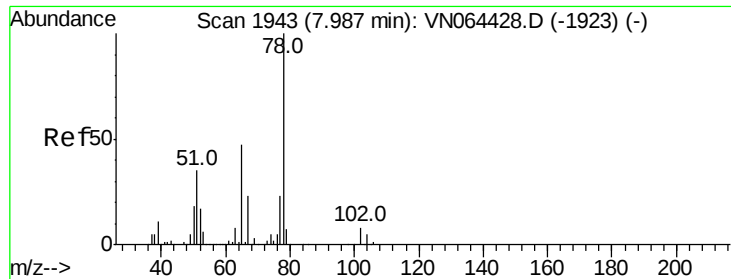
Tot Ion: 56 Resp: 279438
Ion Ratio Lower Upper
56 100
69 32.1 25.6 38.4
84 80.1 63.0 94.6



#32
1,1,1-Trichloroethane
Concen: 51.837 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Tgt Ion: 97 Resp: 342745
Ion Ratio Lower Upper
97 100
99 63.3 51.3 76.9
61 47.4 39.1 58.7





#33

1,2-Dichloroethane-d4

Concen: 50.019 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

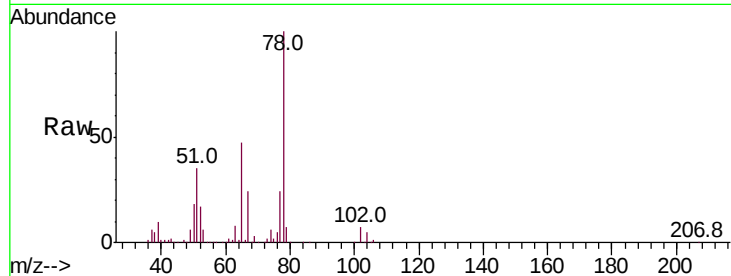
VSTDCCC050EC

Tot Ion: 65 Resp: 253196

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

120000

100000

80000

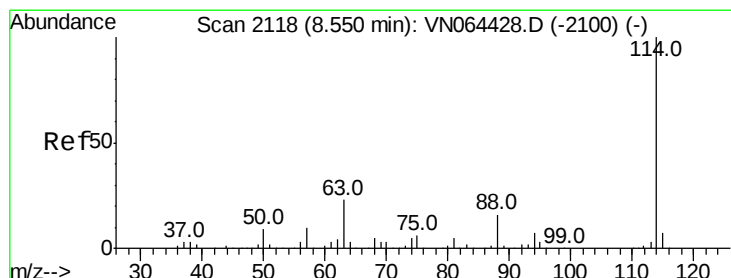
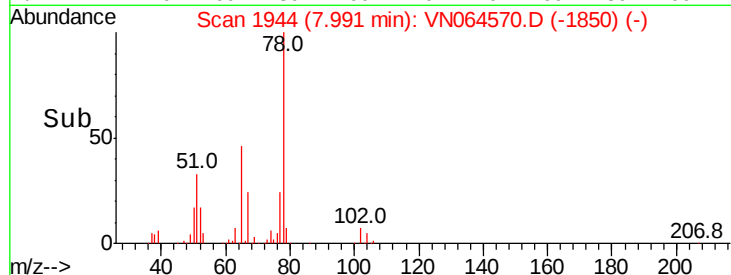
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

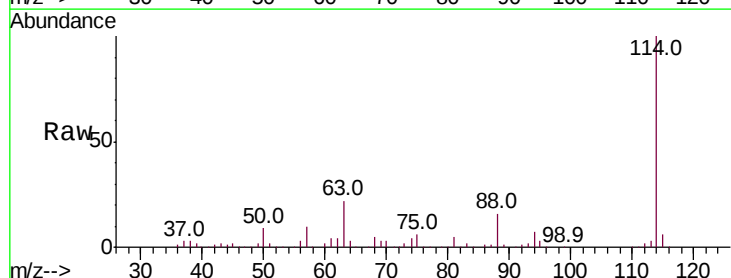
Tgt Ion: 114 Resp: 537775

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

88 16.2 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.55

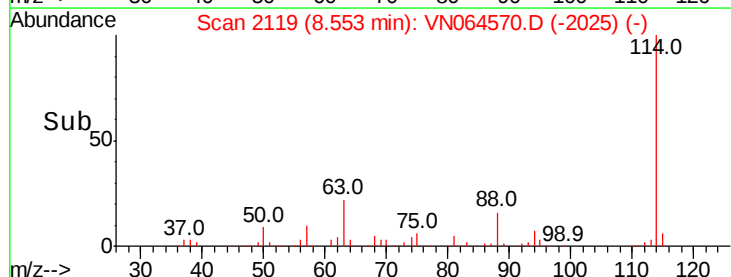
300000

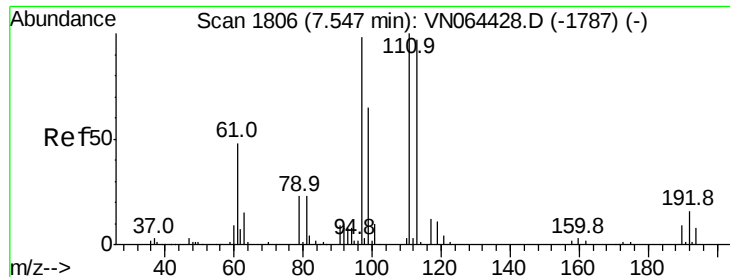
200000

100000

0

Time-->

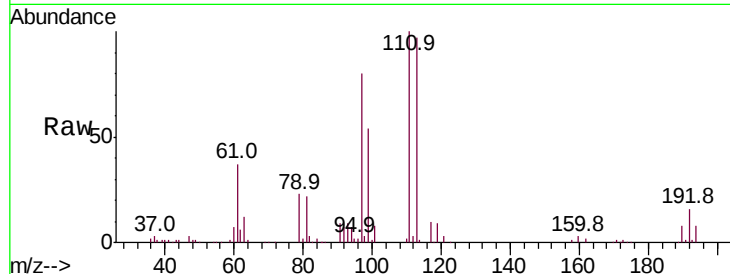




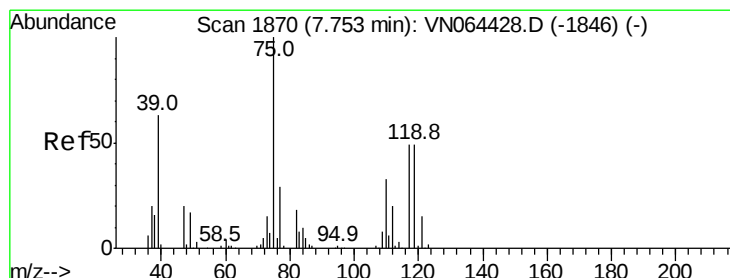
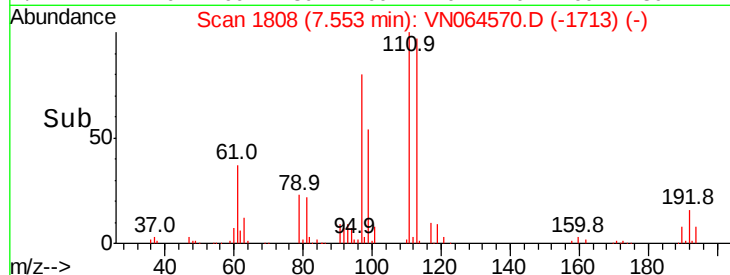
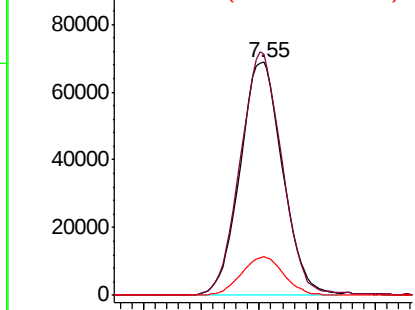
#35
 Dibromofluoromethane
 Concen: 48.051 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN064570.D
 Acq: 11 Nov 2020 21:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 175939
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.1 121.7
 192 16.6 12.8 19.2

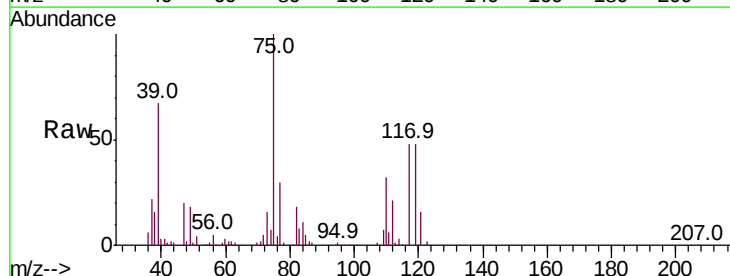


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

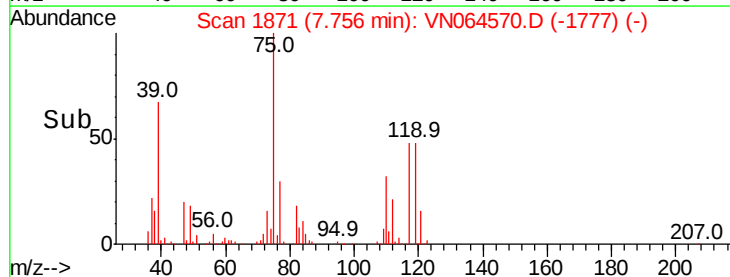
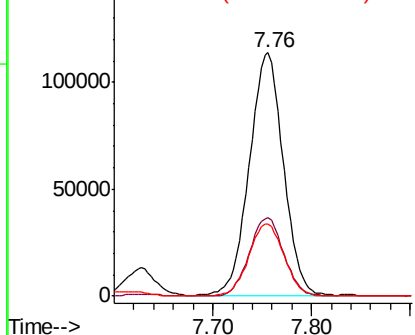


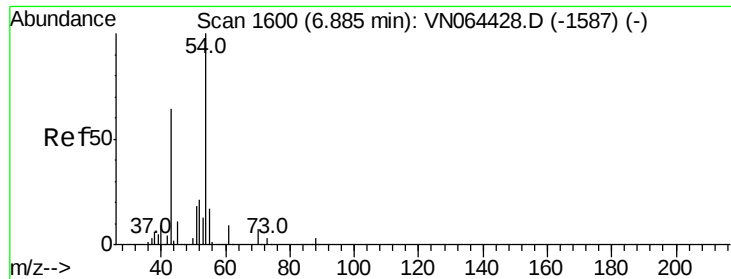
#36
 1,1-Dichloropropene
 Concen: 47.619 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN064570.D
 Acq: 11 Nov 2020 21:16

Tgt Ion: 75 Resp: 270531
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.0 48.0
 77 31.0 24.0 36.0



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

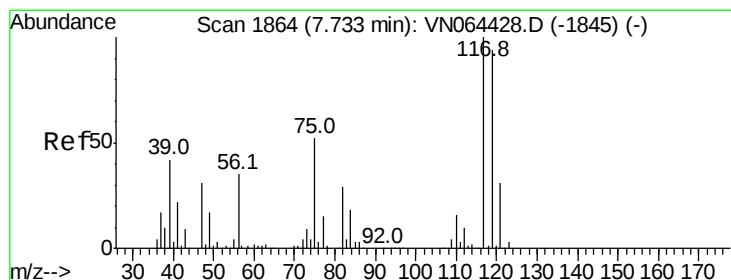
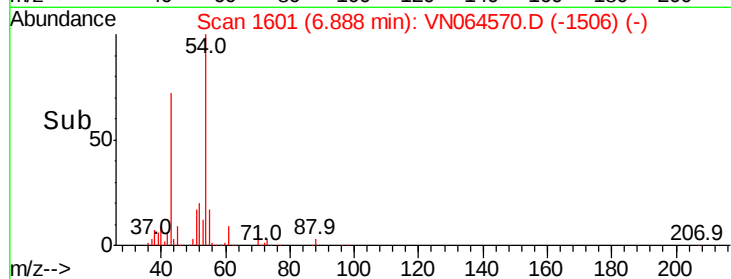
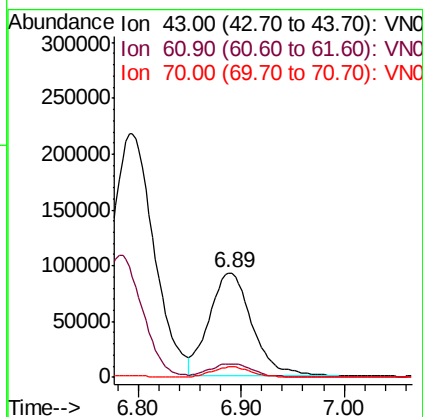
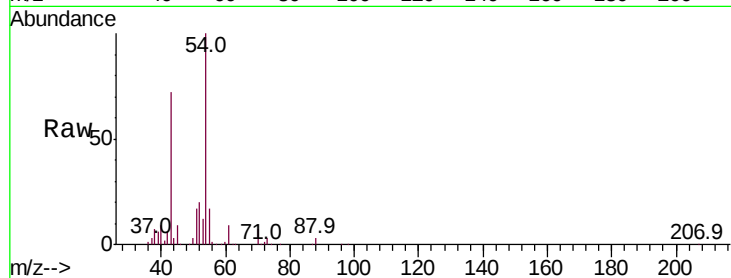




#37
Ethyl Acetate
Concen: 46.391 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

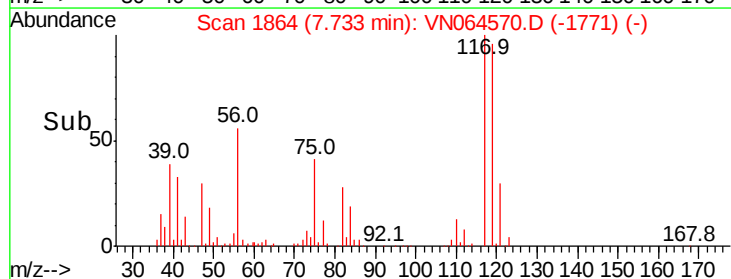
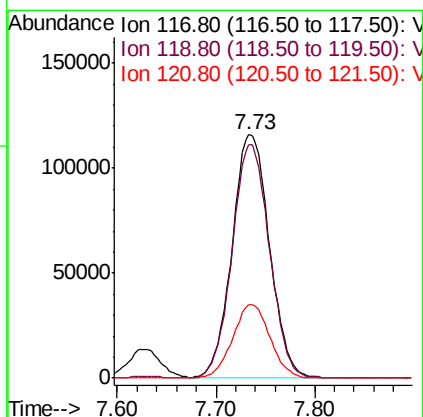
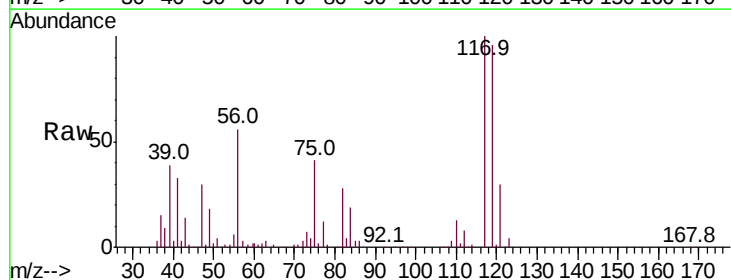
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

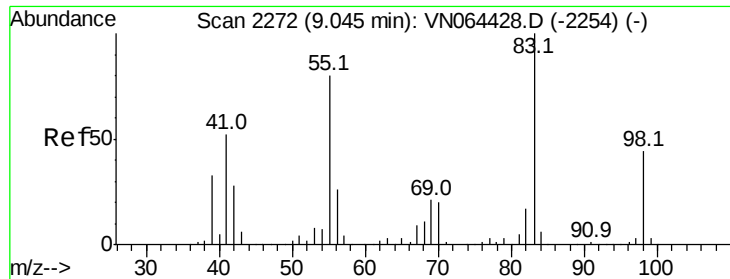
Tot Ion: 43 Resp: 267171
Ion Ratio Lower Upper
43 100
61 13.1 10.0 15.0
70 9.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 49.962 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Tgt Ion: 117 Resp: 303361
Ion Ratio Lower Upper
117 100
119 96.2 75.5 113.3
121 30.0 24.4 36.6

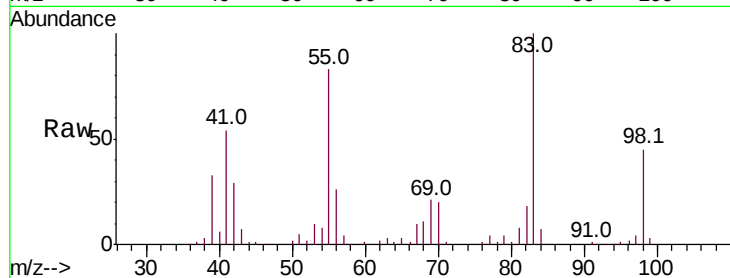




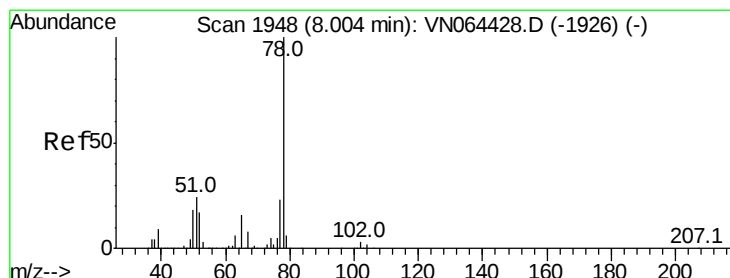
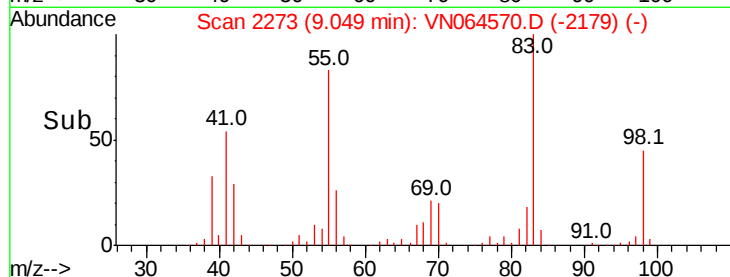
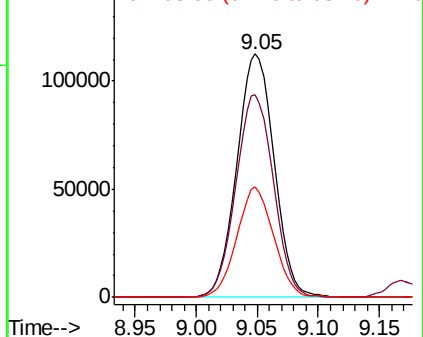
#39
Methvlcvclohexane
Concen: 46.838 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 238537
Ion Ratio Lower Upper
83 100
55 83.3 63.8 95.6
98 45.5 35.4 53.2

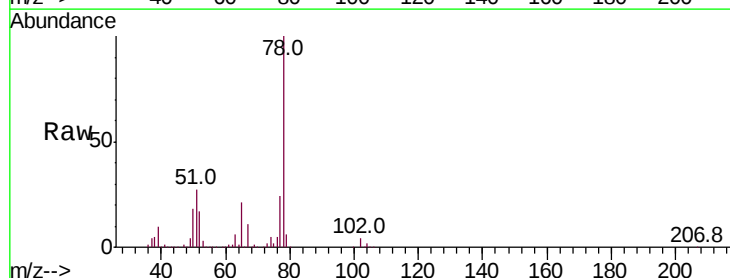


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

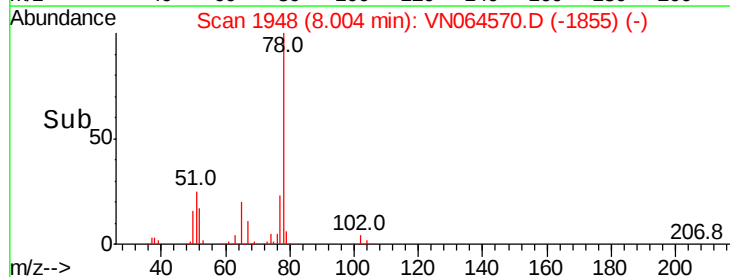
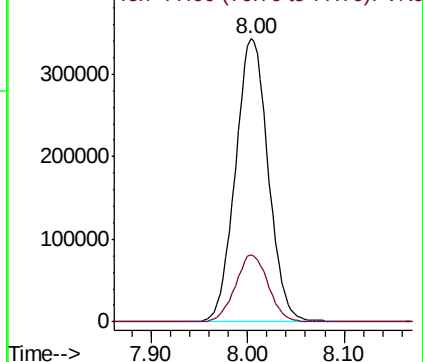


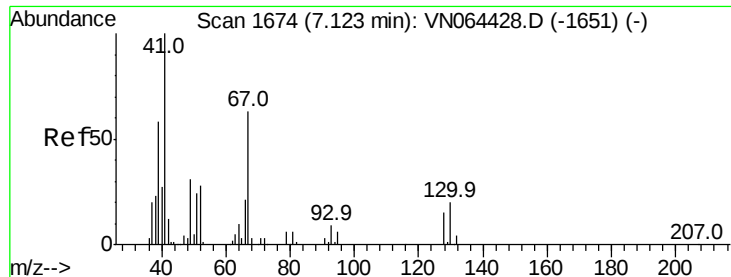
#40
Benzene
Concen: 48.424 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Tgt Ion: 78 Resp: 808403
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1



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

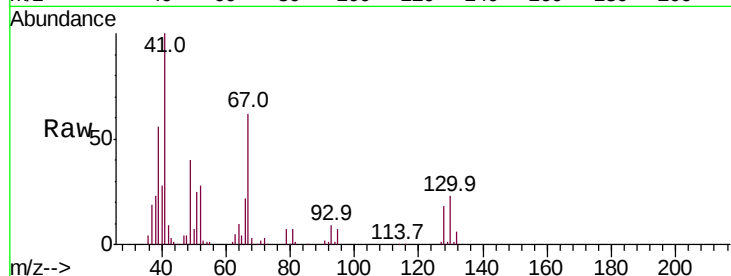




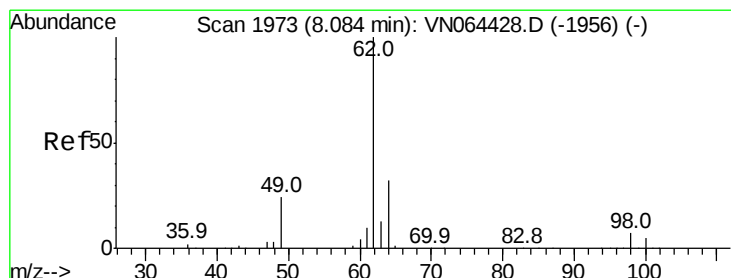
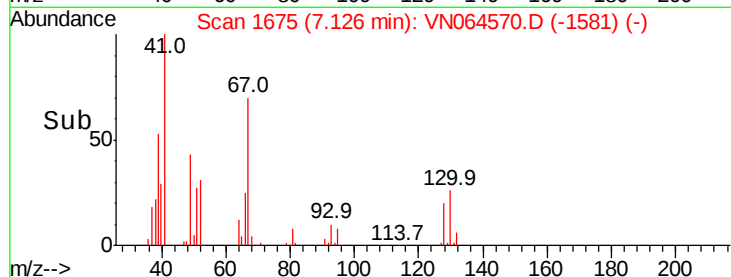
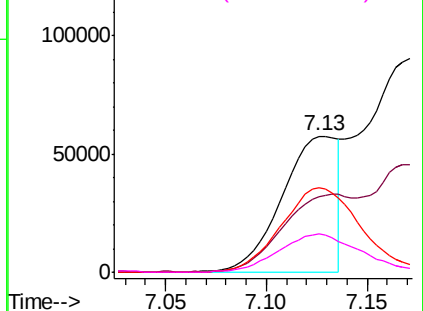
#41
Methacrylonitrile
Concen: 43.680 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	110018
Ion	Ratio	Lower	Upper
41	100		
39	73.6	50.0	75.0
67	90.2	68.3	102.5
52	42.8	32.7	49.1

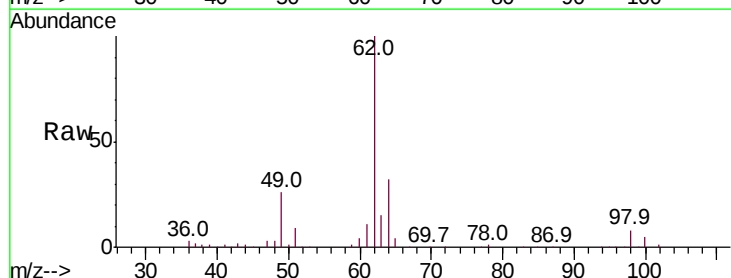


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

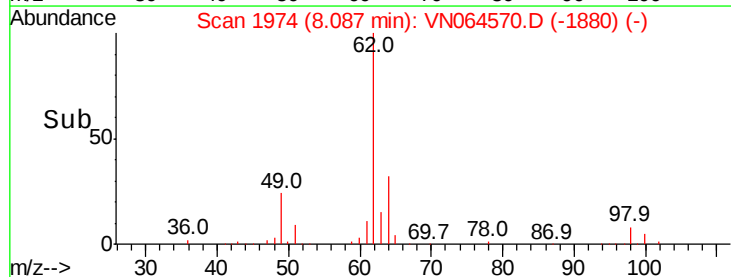
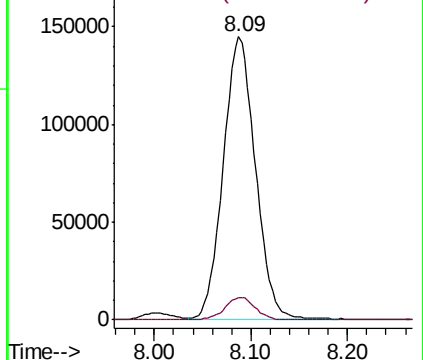


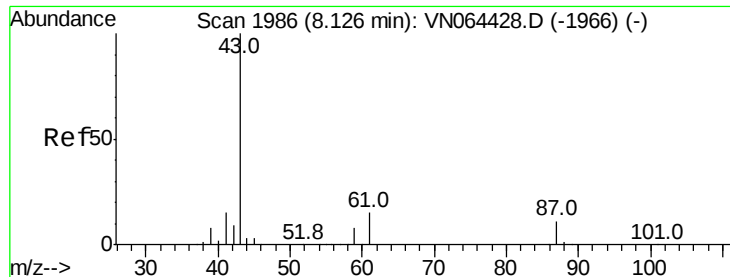
#42
1,2-Dichloroethane
Concen: 49.527 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Tgt Ion:	62	Resp:	333669
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	14.0



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





#43

Isopropyl Acetate

Concen: 50.147 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

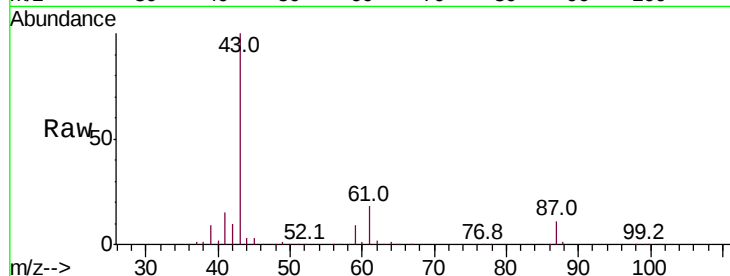
Tot Ion: 43 Resp: 461697

Ion Ratio Lower Upper

43 100

61 17.8 14.0 21.0

87 11.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN064428.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1966) (-)

8.13

250000

200000

150000

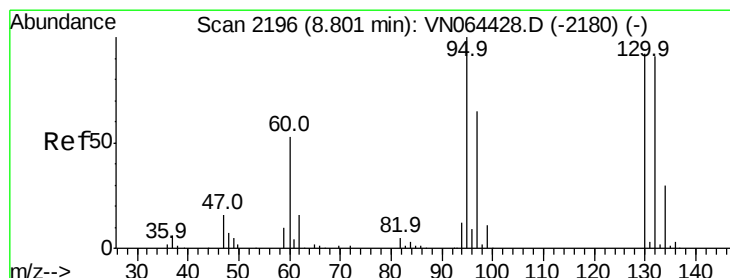
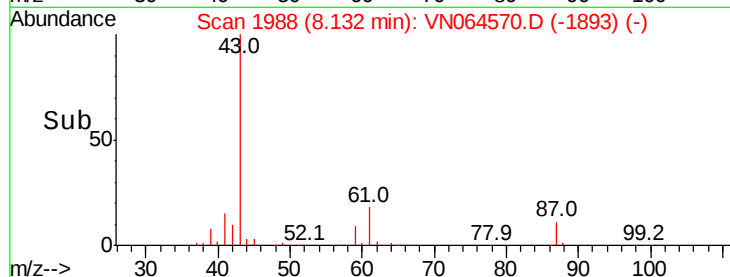
100000

50000

0

8.05 8.10 8.15 8.20

Time-->



#44

Trichloroethene

Concen: 47.322 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN064570.D

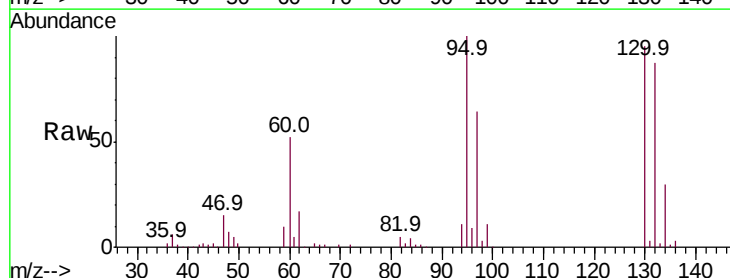
Acq: 11 Nov 2020 21:16

Tgt Ion:130 Resp: 199319

Ion Ratio Lower Upper

130 100

95 104.9 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN064428.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064428.D (-2180) (-)

120000

100000

80000

60000

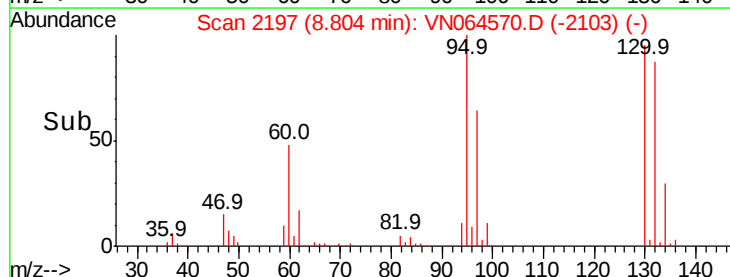
40000

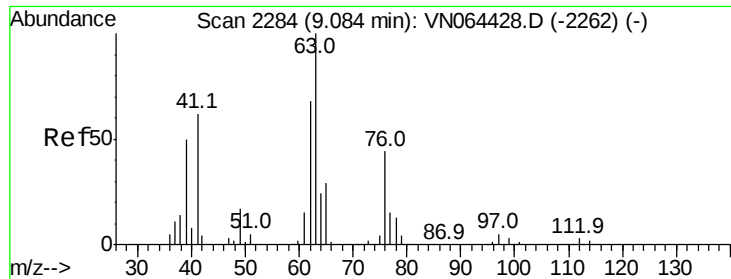
20000

0

8.70 8.75 8.80 8.85 8.90

Time-->

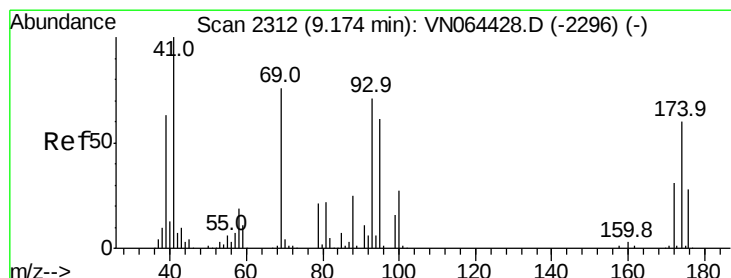
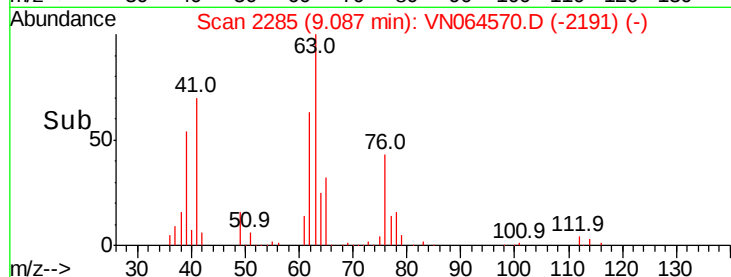
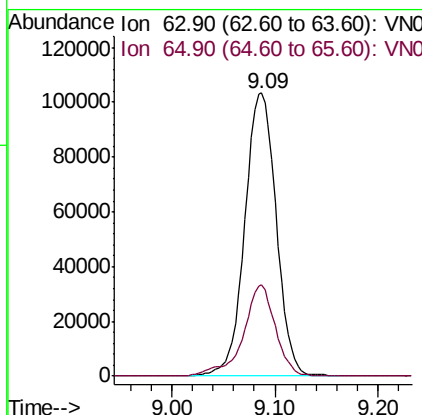
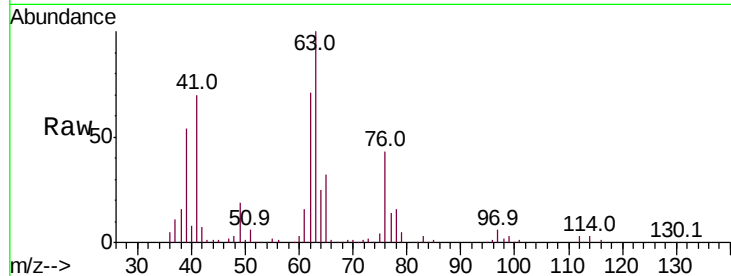




#45
 1,2-Dichloropropane
 Concen: 49.196 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN064570.D
 Acq: 11 Nov 2020 21:16

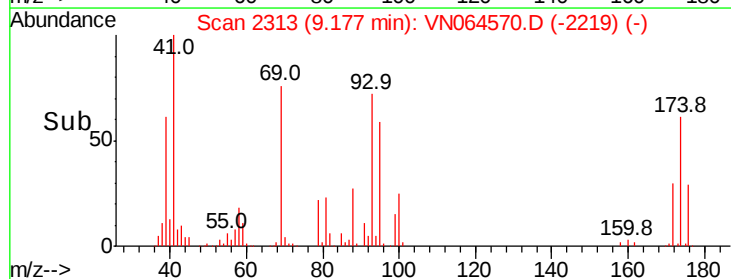
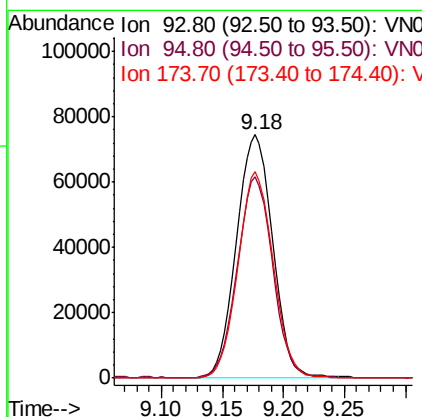
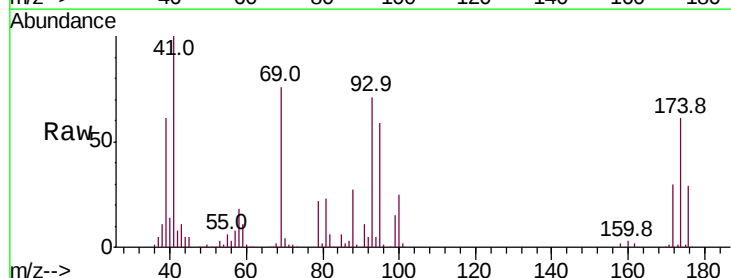
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

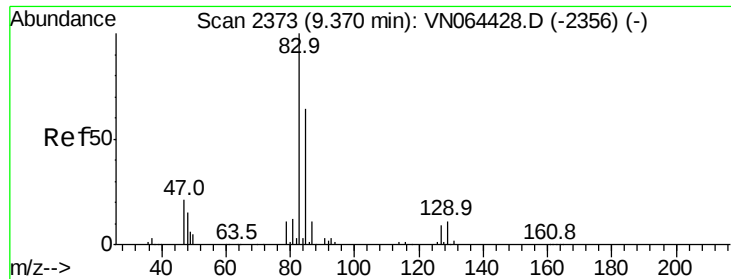
Tot Ion: 63 Resp: 219141
 Ion Ratio Lower Upper
 63 100
 65 32.2 23.6 35.4



#46
 Dibromomethane
 Concen: 52.269 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064570.D
 Acq: 11 Nov 2020 21:16

Tgt Ion: 93 Resp: 153270
 Ion Ratio Lower Upper
 93 100
 95 81.2 66.4 99.6
 174 82.2 67.2 100.8





#47

Bromodichloromethane

Concen: 51.216 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

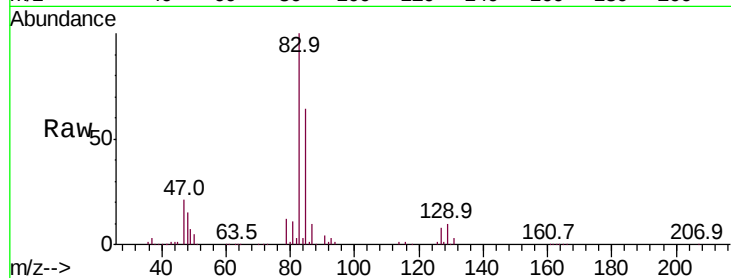
Tot Ion: 83 Resp: 322917

Ion Ratio Lower Upper

83 100

85 63.6 51.2 76.8

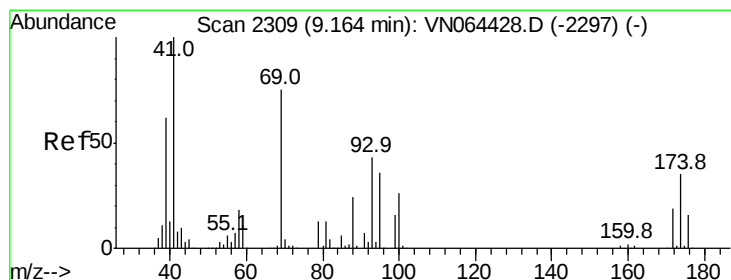
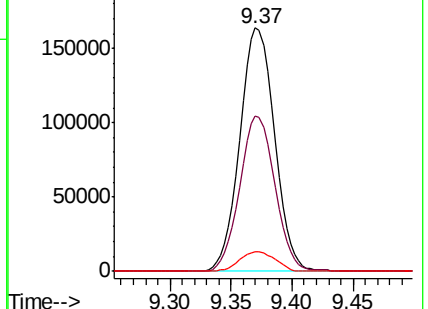
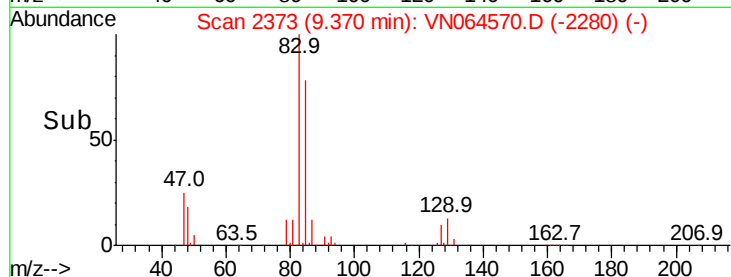
127 7.9 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064570.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064570.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064570.D (-2280) (-)



#48

Methyl methacrylate

Concen: 52.482 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

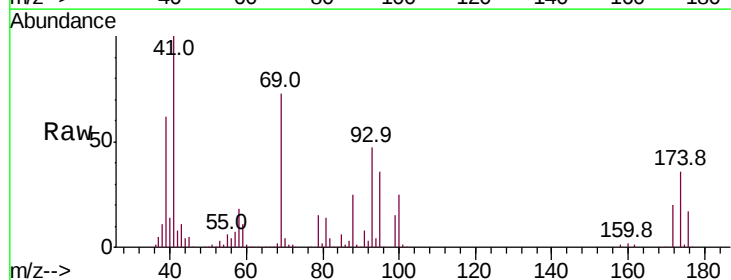
Tgt Ion: 41 Resp: 243821

Ion Ratio Lower Upper

41 100

69 74.5 60.4 90.6

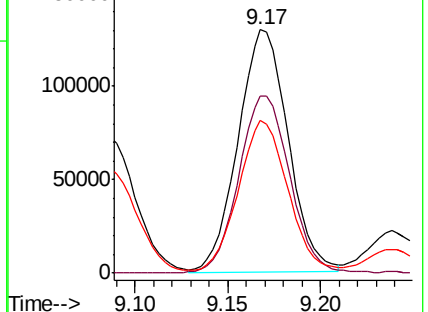
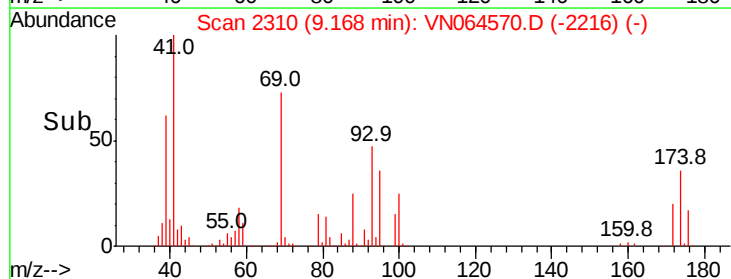
39 62.3 51.2 76.8

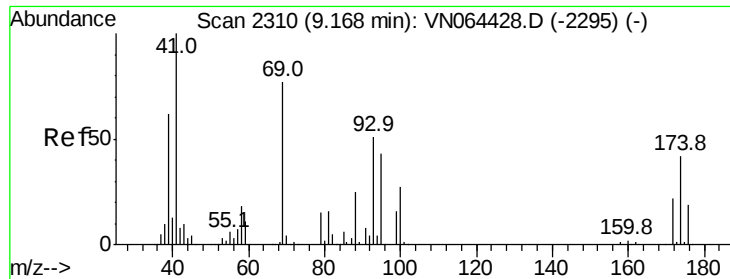


Abundance Ion 41.00 (40.70 to 41.70): VN064570.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064570.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064570.D (-2216) (-)





#49

1,4-Dioxane

Concen: 1091.972 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

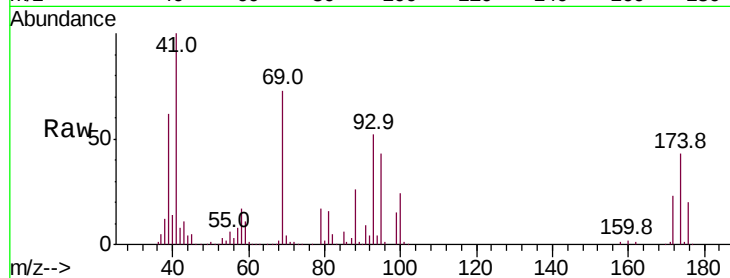
Tot Ion: 88 Resp: 66820

Ion Ratio Lower Upper

88 100

43 39.6 31.0 46.6

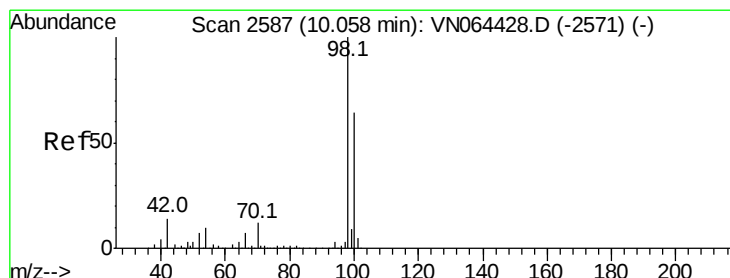
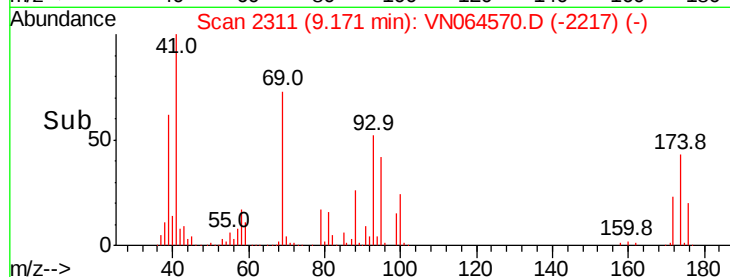
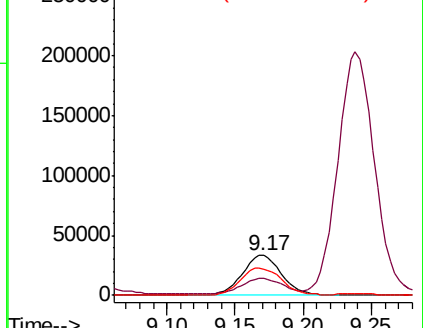
58 71.3 58.4 87.6



Abundance Ion 88.00 (87.70 to 88.70): VN064428.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN064428.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2295) (-)



#50

Toluene-d8

Concen: 47.533 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064570.D

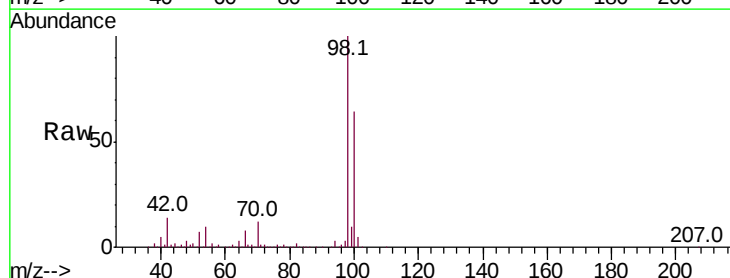
Acq: 11 Nov 2020 21:16

Tgt Ion: 98 Resp: 672681

Ion Ratio Lower Upper

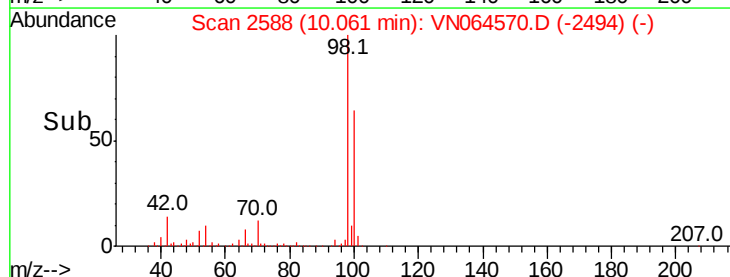
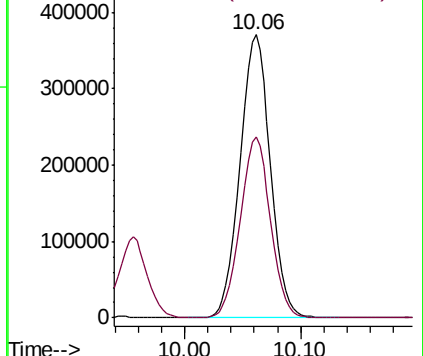
98 100

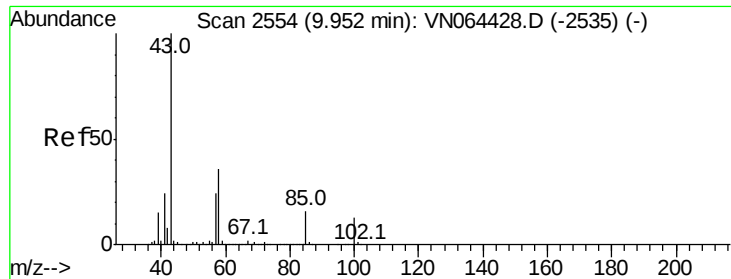
100 63.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 269.871 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

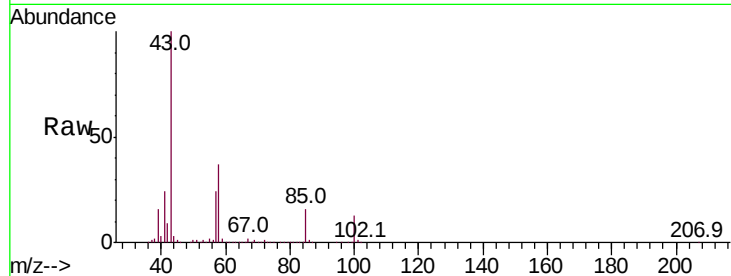
VSTDCCC050EC

Tot Ion: 43 Resp: 1448992

Ion Ratio Lower Upper

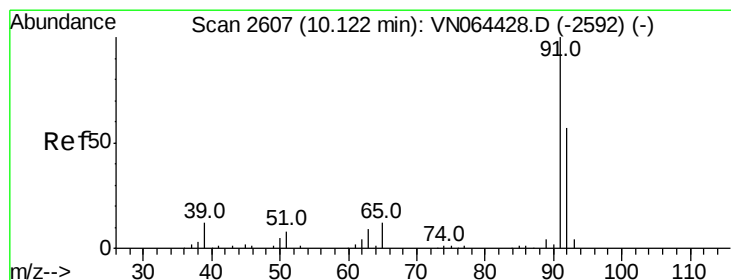
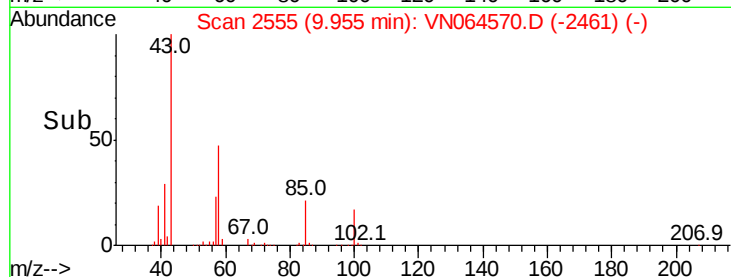
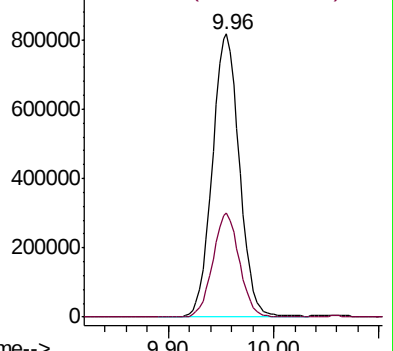
43 100

58 36.2 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 50.535 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064570.D

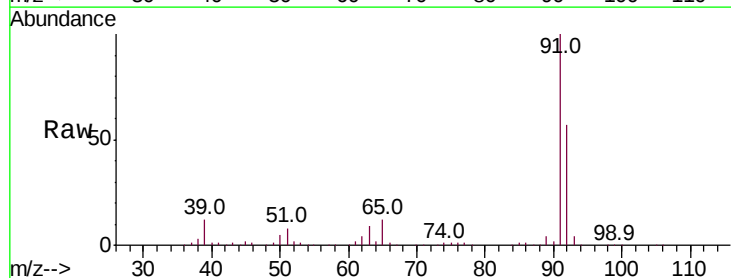
Acq: 11 Nov 2020 21:16

Tgt Ion: 92 Resp: 514558

Ion Ratio Lower Upper

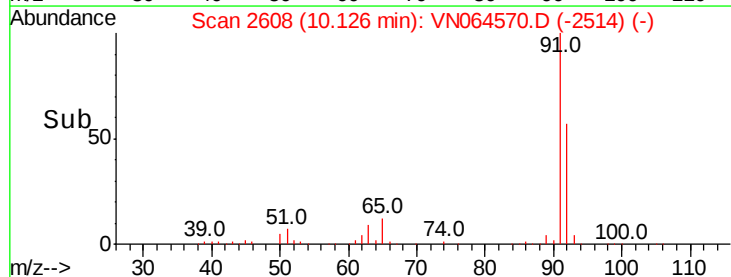
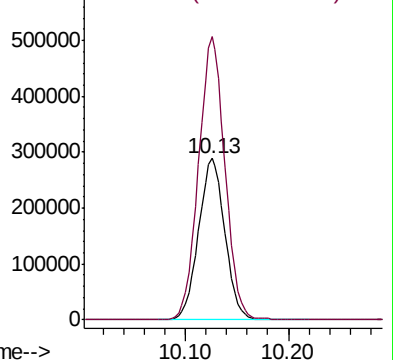
92 100

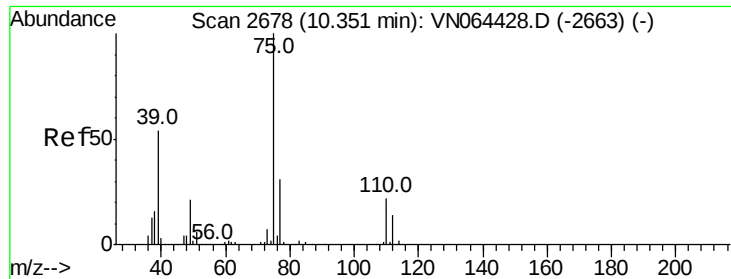
91 175.3 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 49.465 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

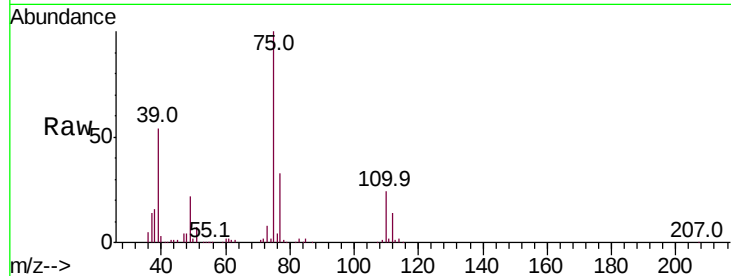
VSTDCCC050EC

Tot Ion: 75 Resp: 330644

Ion Ratio Lower Upper

75 100

77 32.4 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

200000

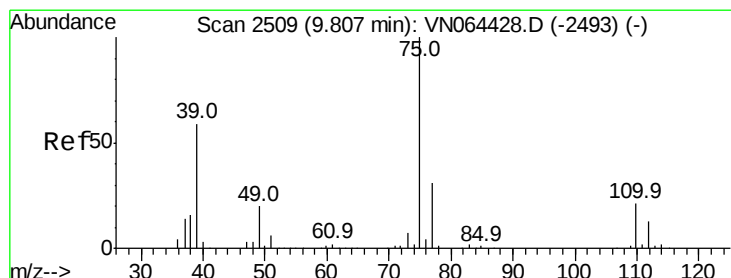
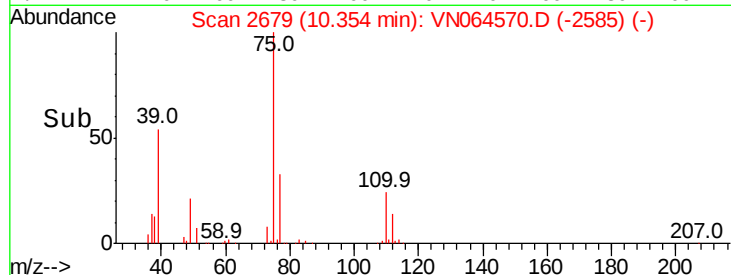
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.892 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

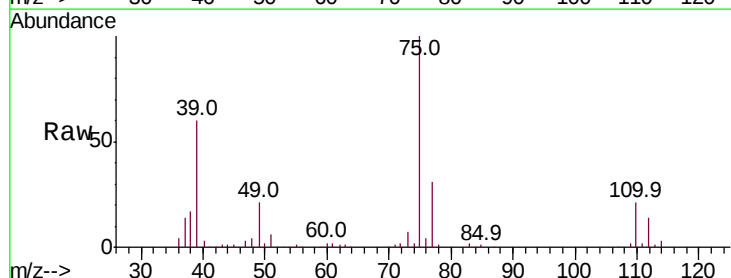
Tgt Ion: 75 Resp: 342276

Ion Ratio Lower Upper

75 100

77 31.0 24.9 37.3

39 59.8 47.1 70.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

250000

200000

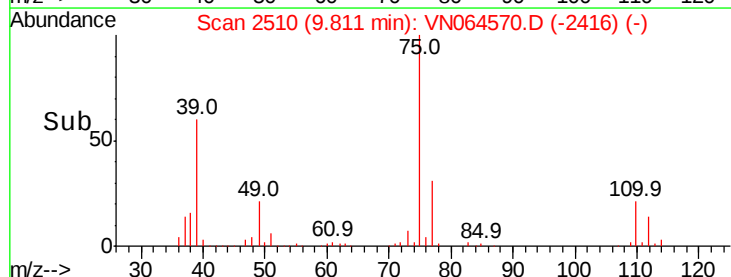
150000

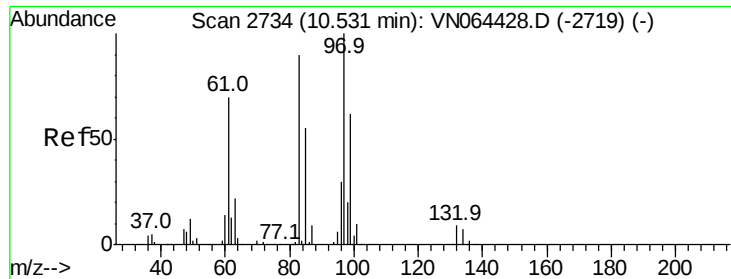
100000

50000

0

Time-->

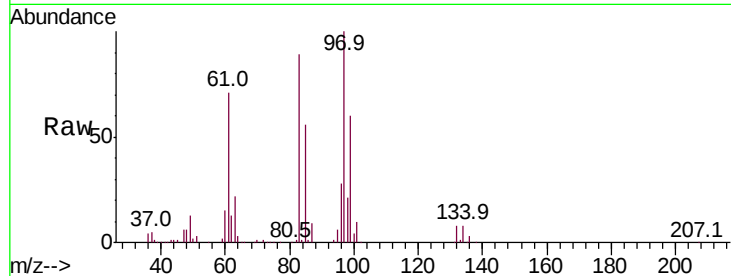




#55
 1,1,2-Trichloroethane
 Concen: 52.075 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064570.D
 Acq: 11 Nov 2020 21:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	206789
Ion	Ratio	Lower	Upper
97	100		
83	88.9	71.7	107.5
85	56.3	44.3	66.5
99	59.7	49.4	74.2

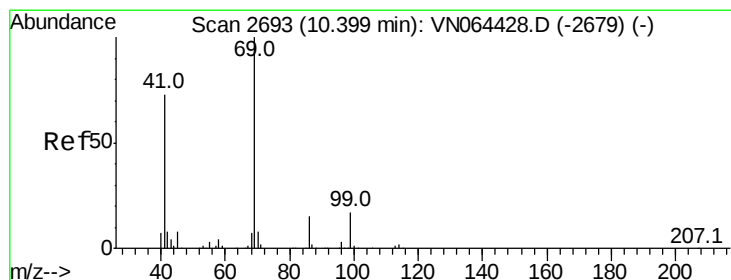
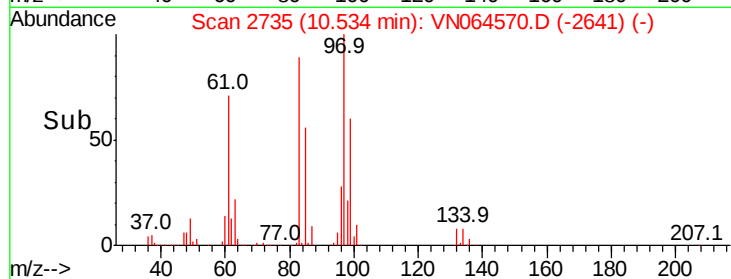
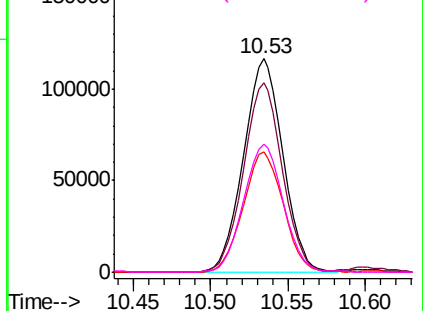


Abundance Ion 96.90 (96.60 to 97.60): VN064428.D (-2719) (-)

Ion 82.90 (82.60 to 83.60): VN064428.D (-2719) (-)

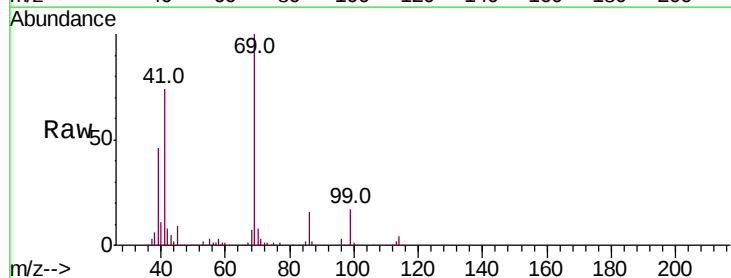
Ion 84.90 (84.60 to 85.60): VN064428.D (-2719) (-)

Ion 98.90 (98.60 to 99.60): VN064428.D (-2719) (-)



#56
 Ethyl methacrylate
 Concen: 45.526 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064570.D
 Acq: 11 Nov 2020 21:16

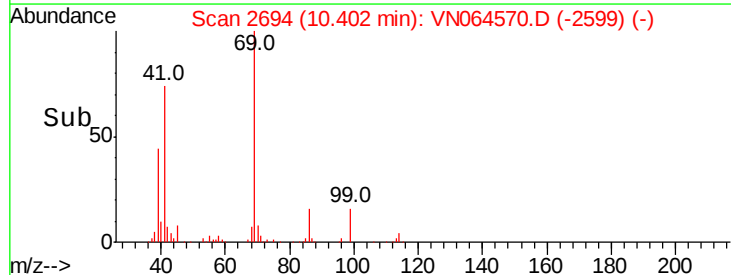
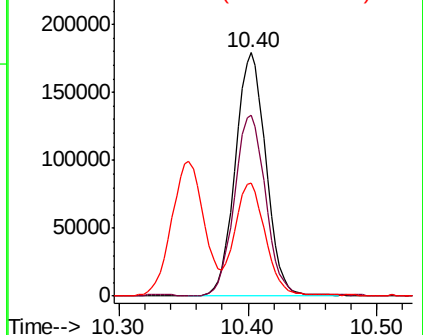
Tgt Ion:	69	Resp:	296321
Ion	Ratio	Lower	Upper
69	100		
41	75.3	59.3	88.9
39	45.7	35.4	53.0

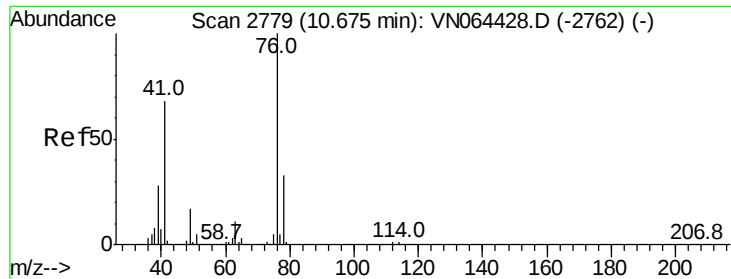


Abundance Ion 69.00 (68.70 to 69.70): VN064428.D (-2679) (-)

Ion 41.00 (40.70 to 41.70): VN064428.D (-2679) (-)

Ion 39.00 (38.70 to 39.70): VN064428.D (-2679) (-)





#57

1,3-Dichloropropane

Concen: 50.398 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

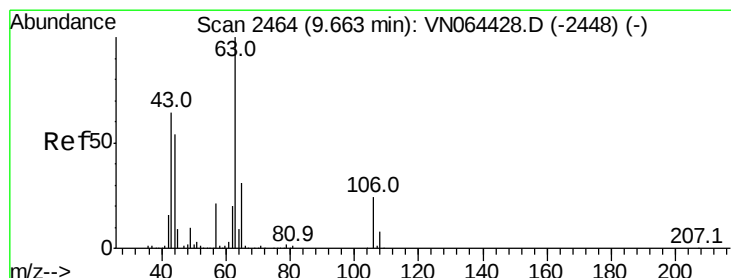
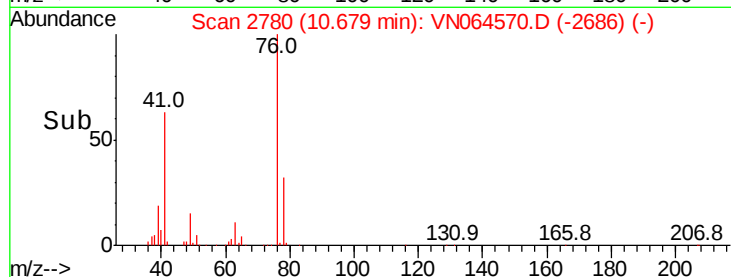
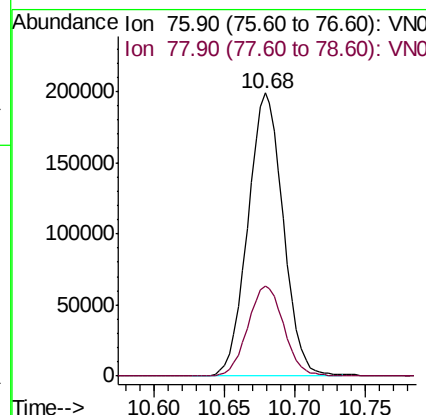
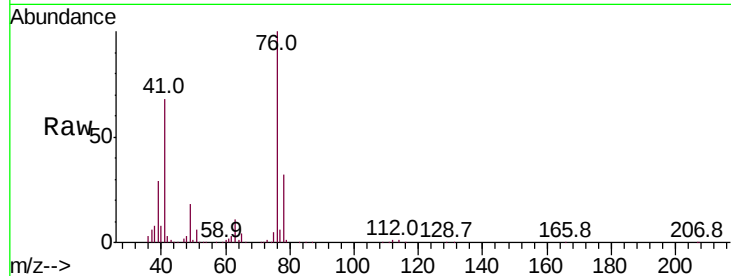
Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 349322

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.6



#58

2-Chloroethyl Vinyl ether

Concen: 254.559 ug/l

RT: 9.67 min Scan# 2465

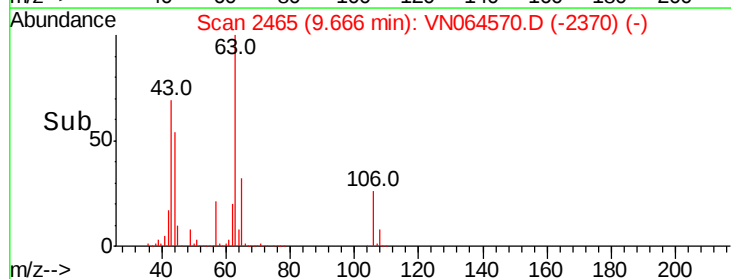
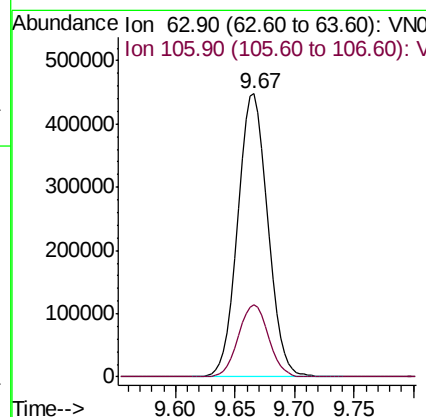
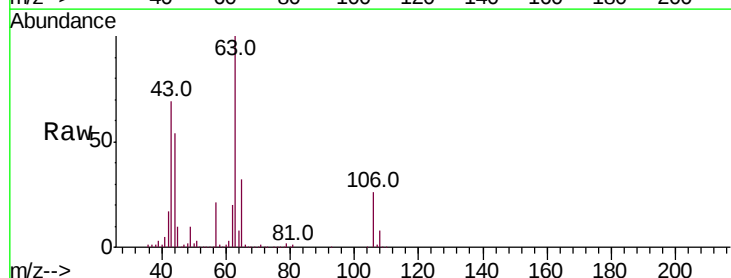
Delta R.T. 0.00 min

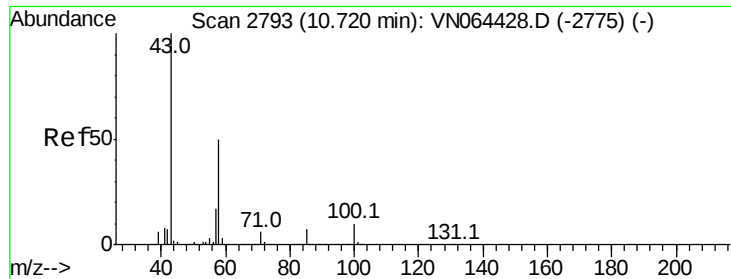
Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

Tgt Ion: 63 Resp: 787193

Ion	Ratio	Lower	Upper
63	100		
106	25.6	19.5	29.3

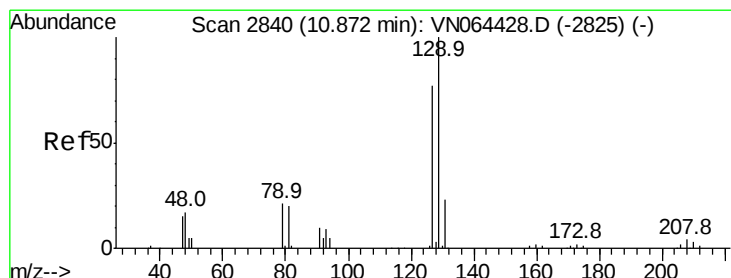
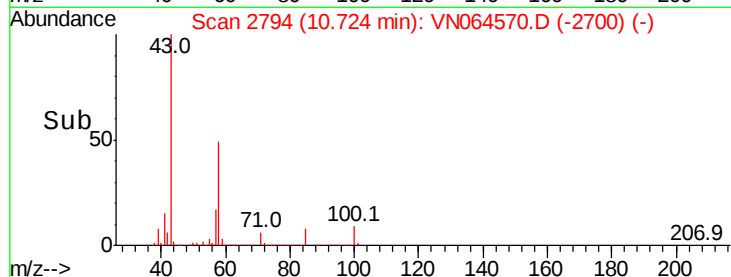
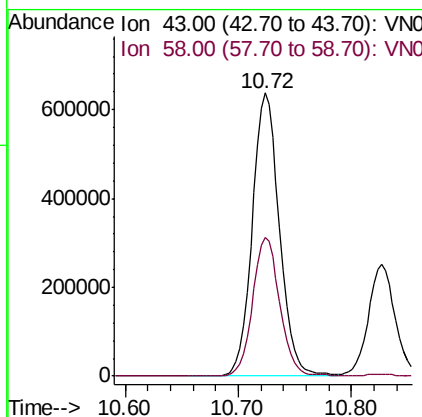
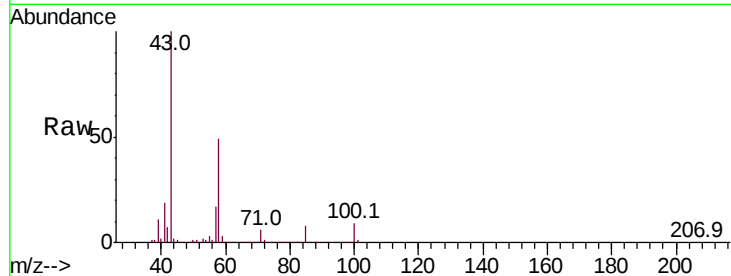




#59
2-Hexanone
Concen: 241.649 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

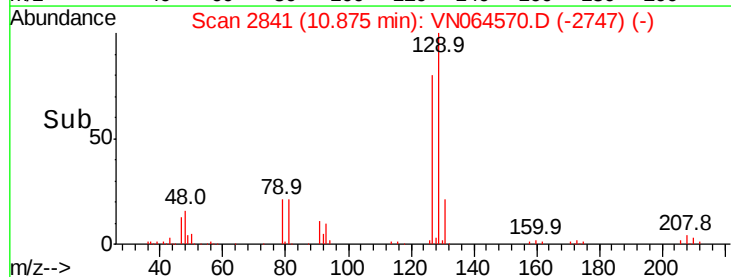
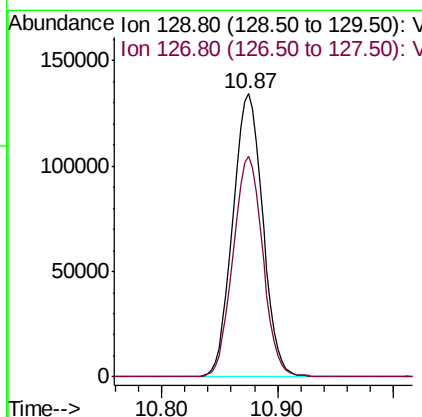
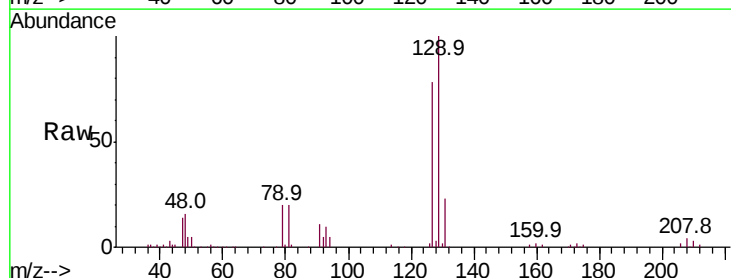
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

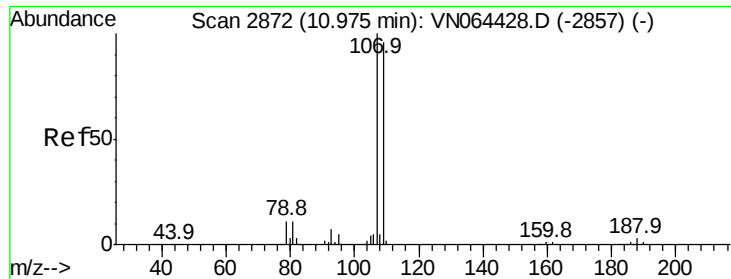
Tot Ion: 43 Resp: 1057404
Ion Ratio Lower Upper
43 100
58 49.3 24.7 74.1



#60
Dibromochloromethane
Concen: 54.088 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Tgt Ion: 129 Resp: 240470
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7

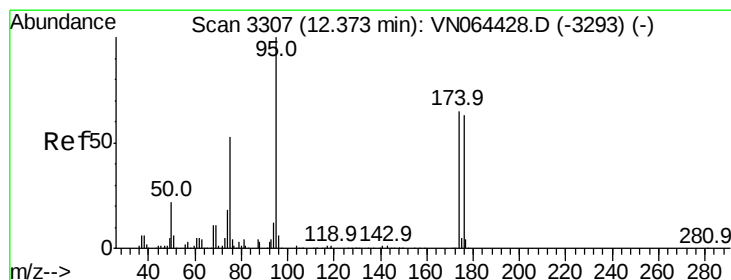
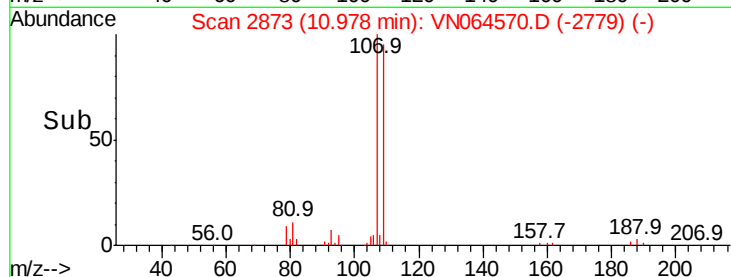
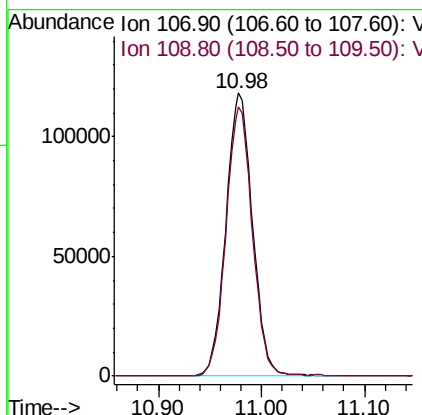
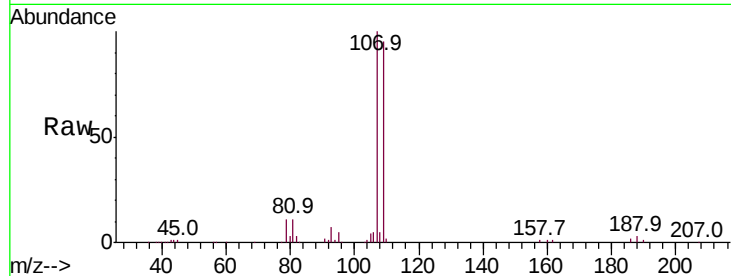




#61
 1,2-Dibromoethane
 Concen: 52.765 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064570.D
 Acq: 11 Nov 2020 21:16

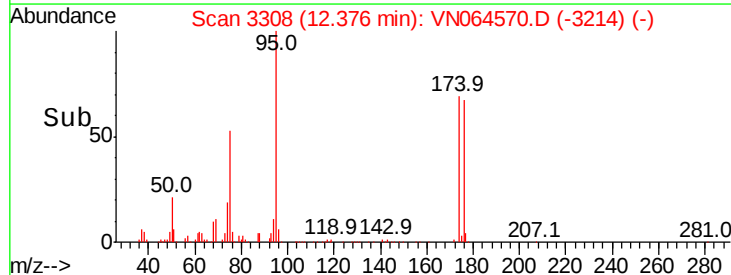
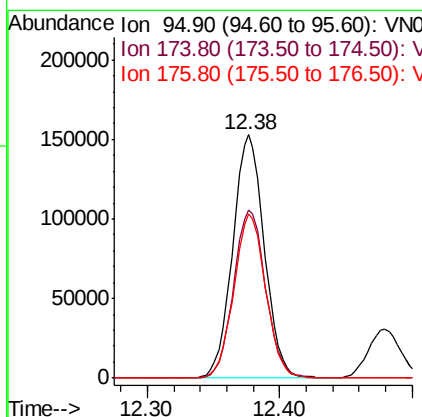
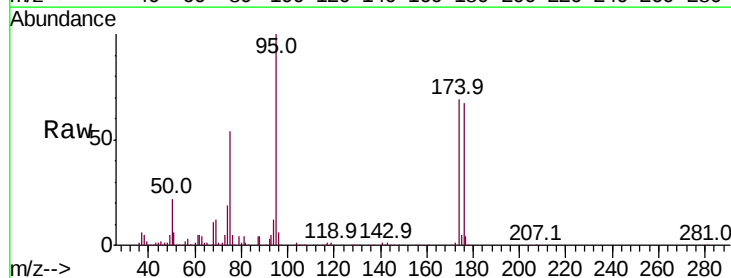
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

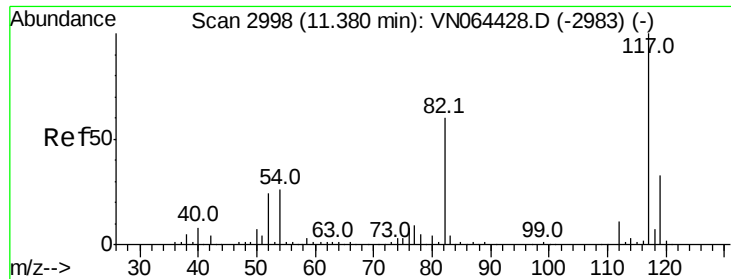
Tot Ion:107 Resp: 212529
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 47.218 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064570.D
 Acq: 11 Nov 2020 21:16

Tgt Ion: 95 Resp: 252713
 Ion Ratio Lower Upper
 95 100
 174 70.2 0.0 132.6
 176 67.8 0.0 129.2

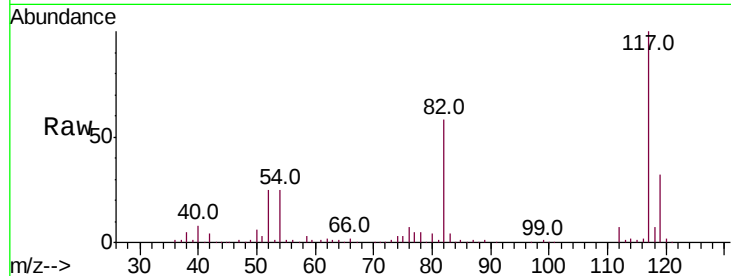




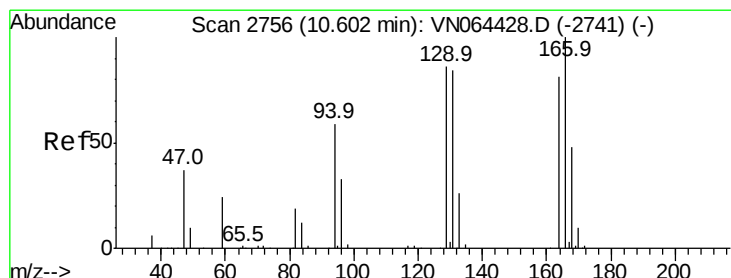
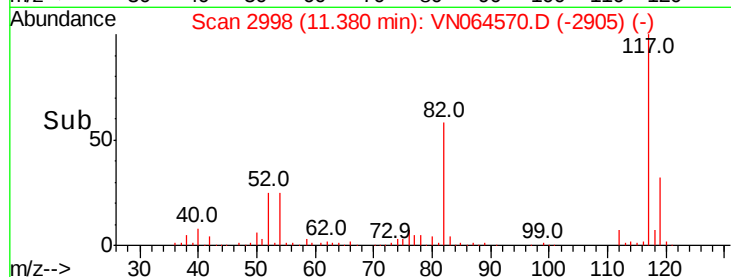
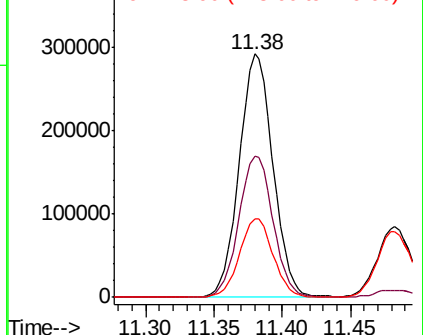
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 503282
Ion Ratio Lower Upper
117 100
82 58.0 48.1 72.1
119 32.5 26.2 39.4

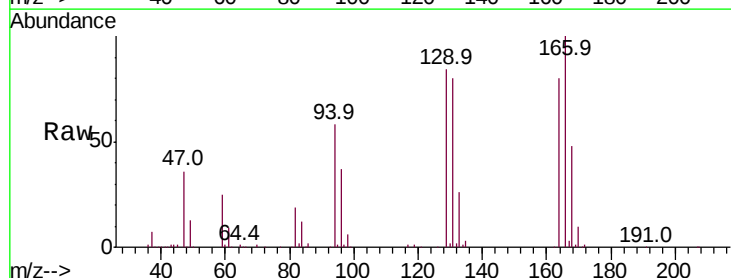


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

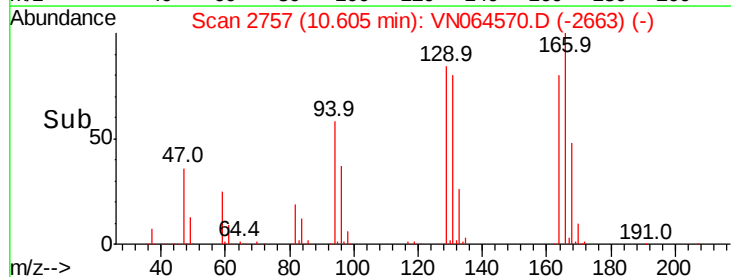
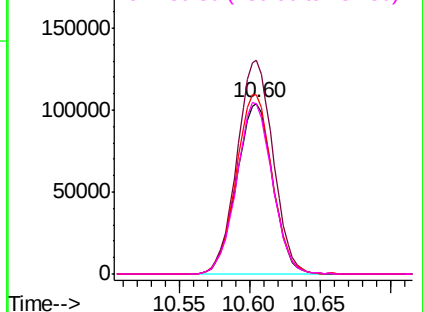


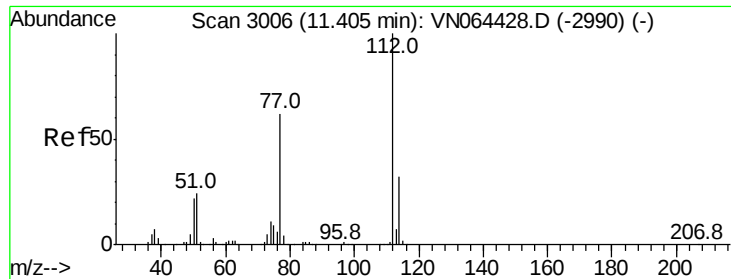
#64
Tetrachloroethene
Concen: 48.158 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Tgt Ion:164 Resp: 186699
Ion Ratio Lower Upper
164 100
166 125.3 98.2 147.2
129 105.4 84.6 127.0
131 100.2 82.2 123.2



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

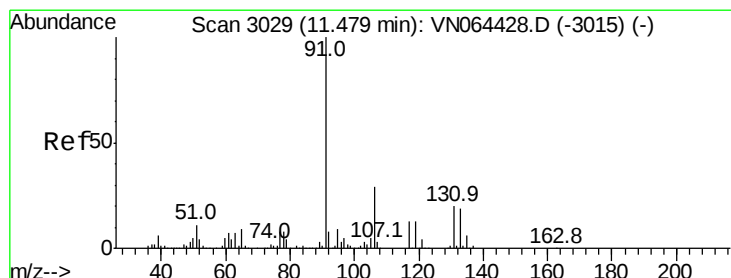
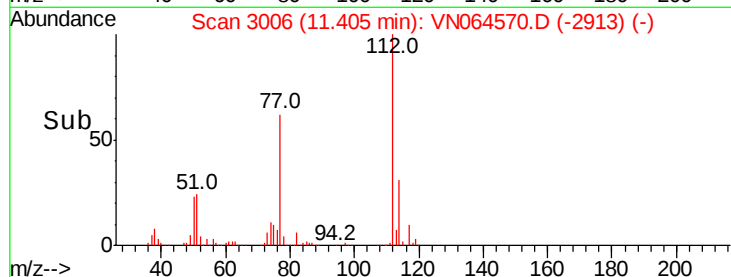
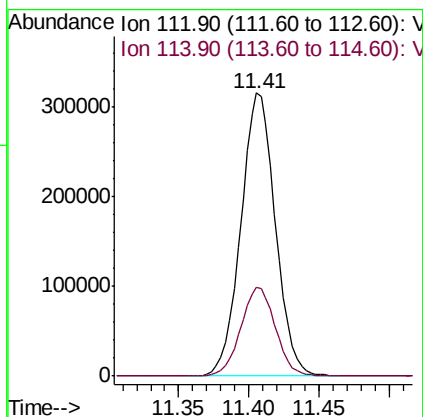
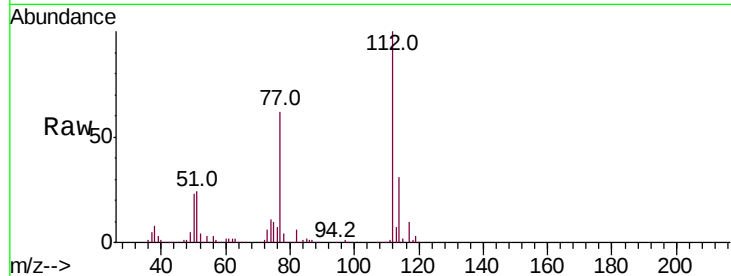




#65
Chlorobenzene
Concen: 49.022 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

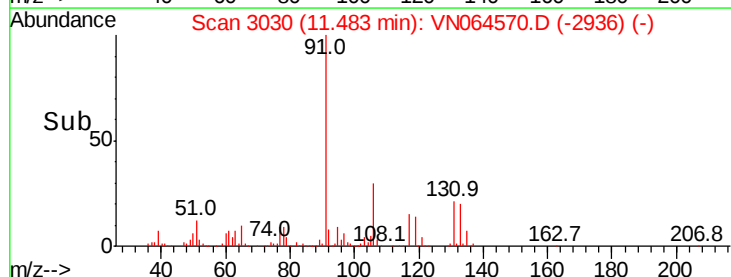
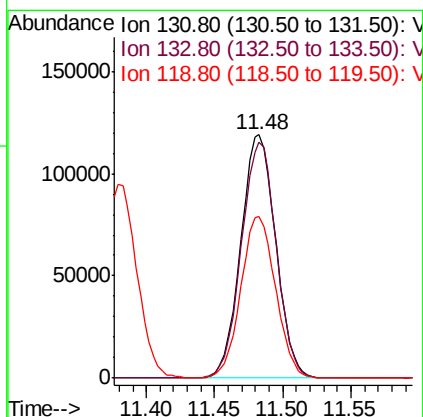
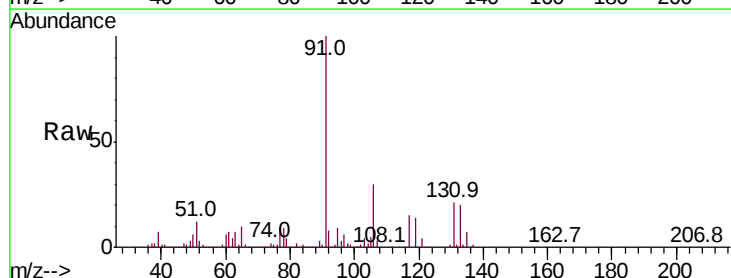
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

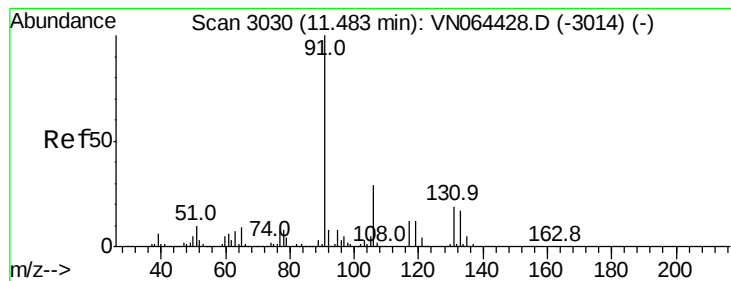
Tot Ion:112 Resp: 540867
Ion Ratio Lower Upper
112 100
114 31.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.334 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Tgt Ion:131 Resp: 211293
Ion Ratio Lower Upper
131 100
133 97.0 46.9 140.7
119 66.4 32.1 96.5





#67

Ethyl Benzene

Concen: 49.863 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

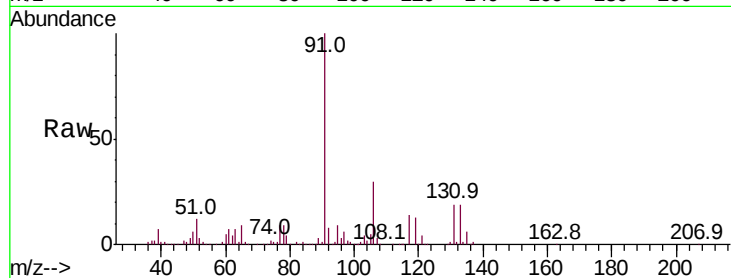
VSTDCCC050EC

Tot Ion: 91 Resp: 978553

Ion Ratio Lower Upper

91 100

106 30.2 23.6 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3014) (-)

Ion 106.00 (105.70 to 106.70): VN064428.D (-3014) (-)

800000

600000

400000

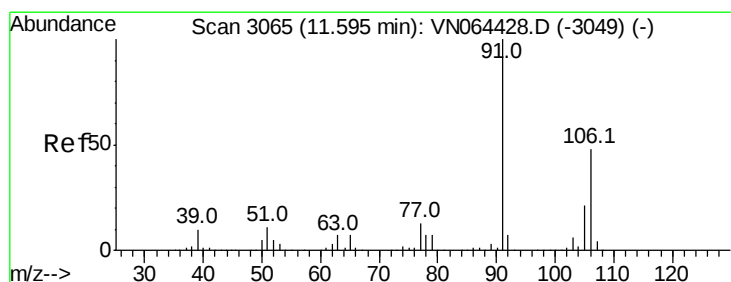
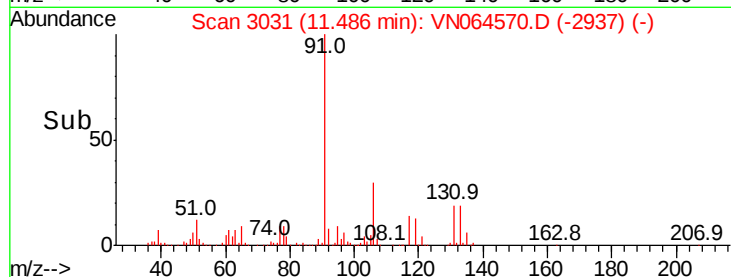
200000

0

11.49

11.50

Time-->



#68

m/p-Xylenes

Concen: 103.708 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064570.D

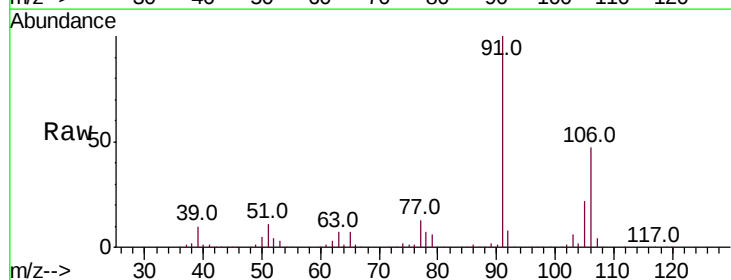
Acq: 11 Nov 2020 21:16

Tgt Ion: 106 Resp: 738108

Ion Ratio Lower Upper

106 100

91 212.8 169.4 254.2



Abundance Ion 106.00 (105.70 to 106.70): VN064428.D (-3049) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-3049) (-)

800000

600000

400000

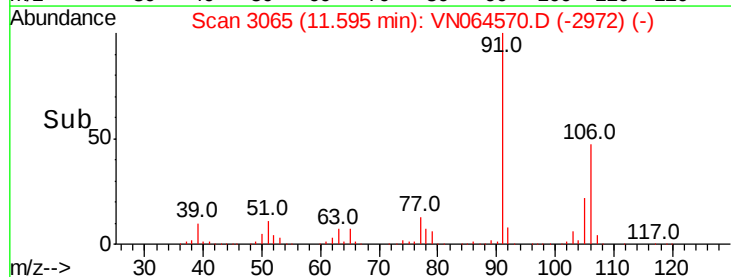
200000

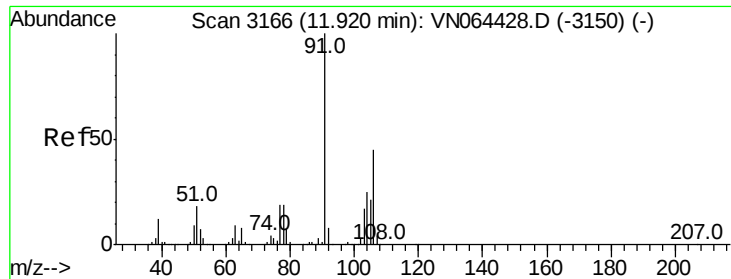
0

11.60

11.70

Time-->

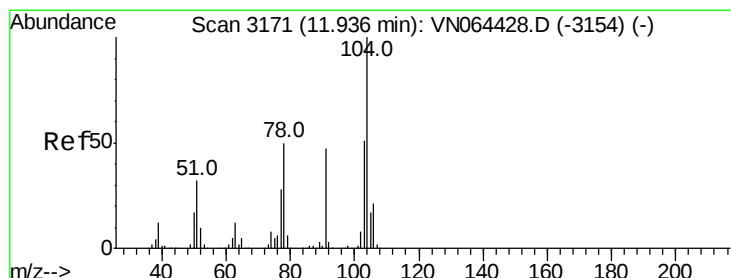
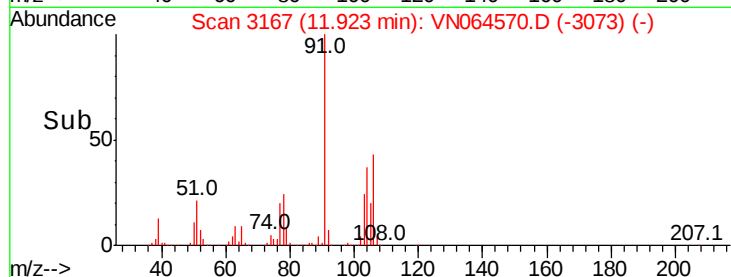
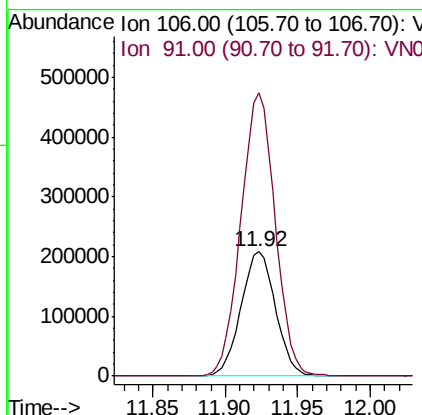
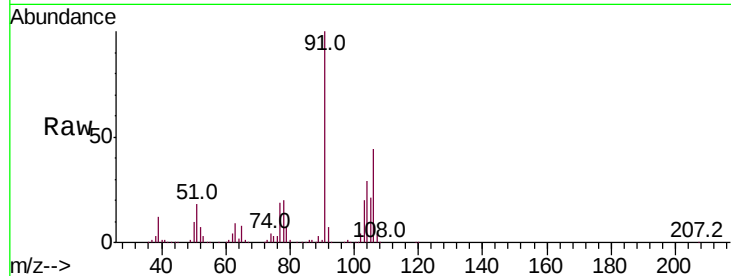




#69
o-Xylene
Concen: 50.194 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

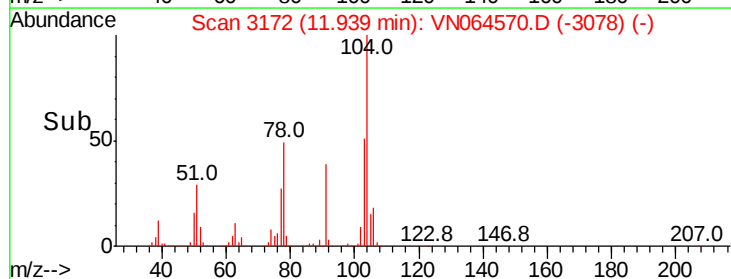
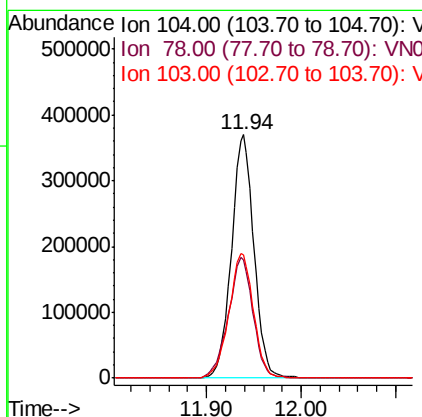
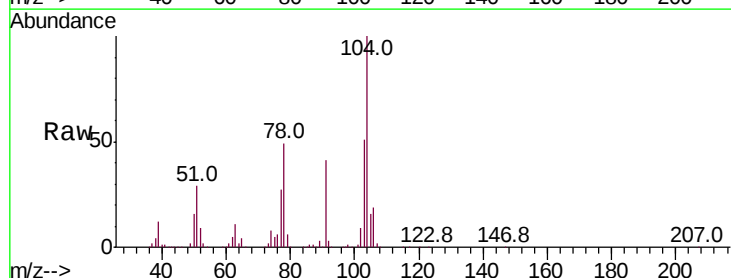
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

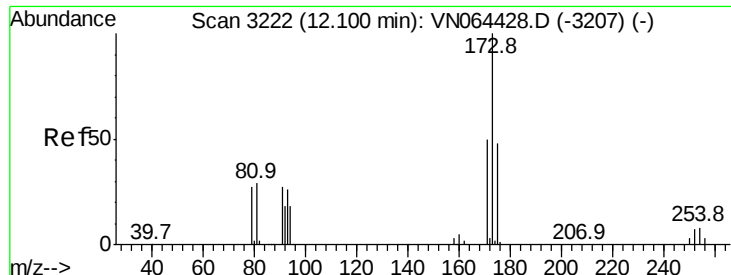
Tot Ion:106 Resp: 345208
Ion Ratio Lower Upper
106 100
91 226.9 111.7 334.9



#70
Styrene
Concen: 52.724 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Tgt Ion:104 Resp: 610164
Ion Ratio Lower Upper
104 100
78 54.4 44.0 66.0
103 55.8 43.8 65.6

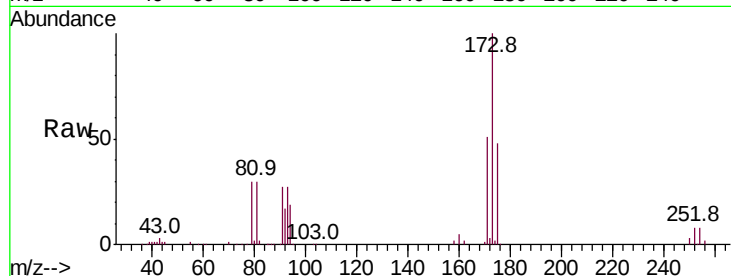




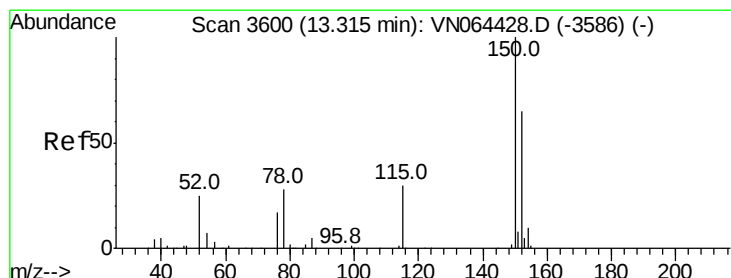
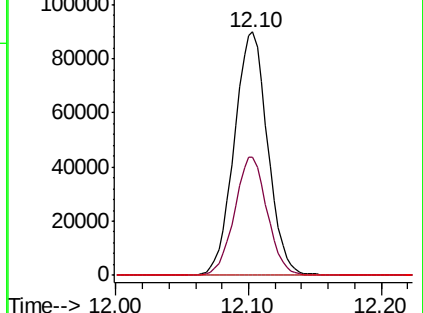
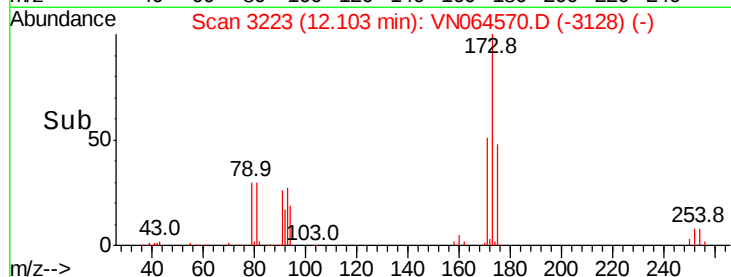
#71
Bromoform
Concen: 50.873 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 157297
Ion Ratio Lower Upper
173 100
175 47.5 23.7 71.1
254 0.0 0.0 0.0

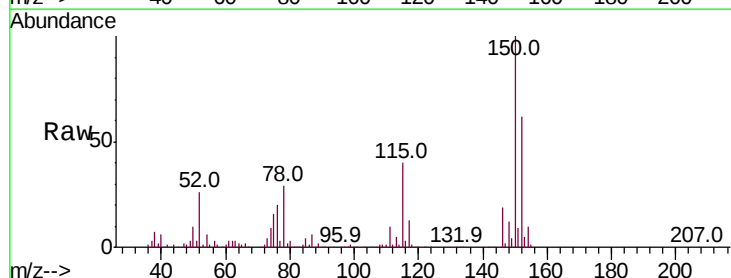


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

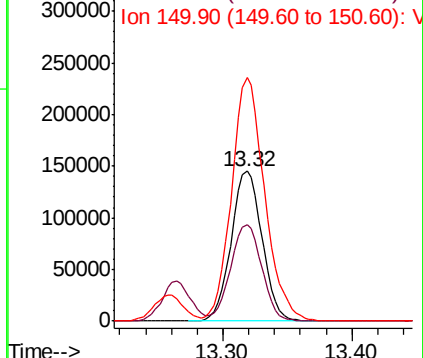
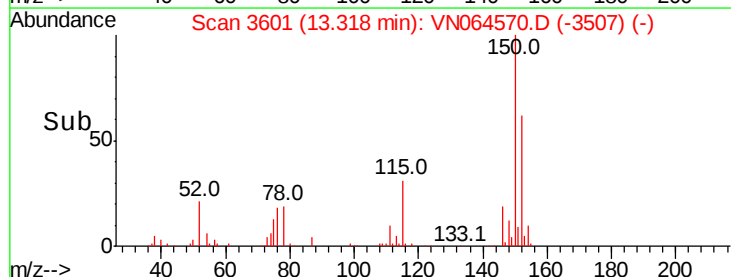


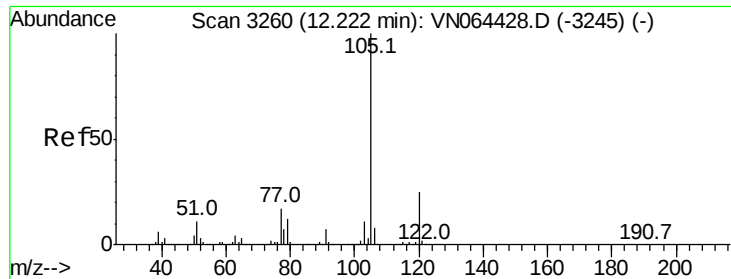
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Tgt Ion:152 Resp: 241569
Ion Ratio Lower Upper
152 100
115 64.8 32.0 96.0
150 172.9 0.0 353.8



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

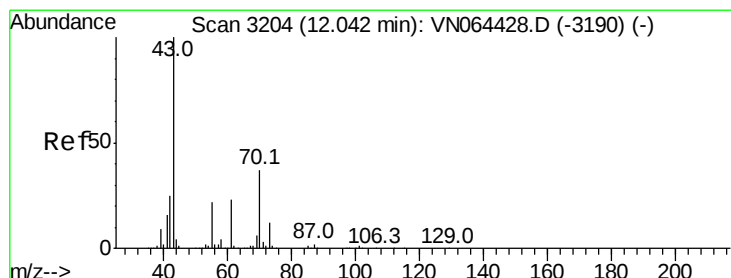
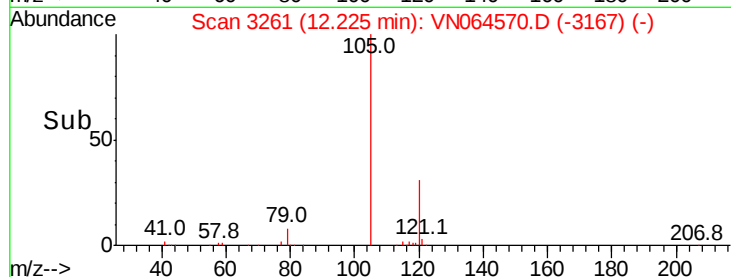
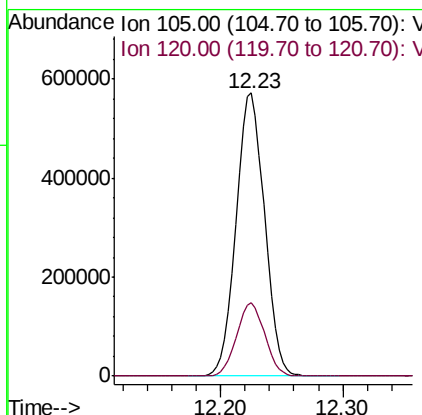
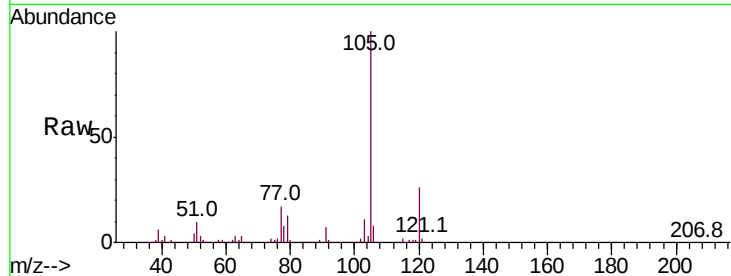




#73
Isopropylbenzene
Concen: 48.015 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

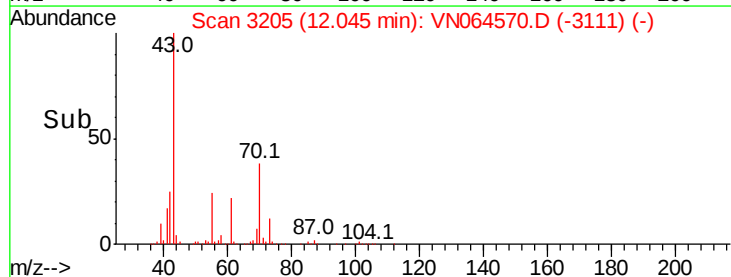
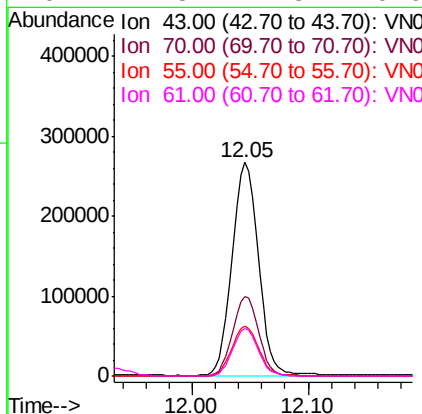
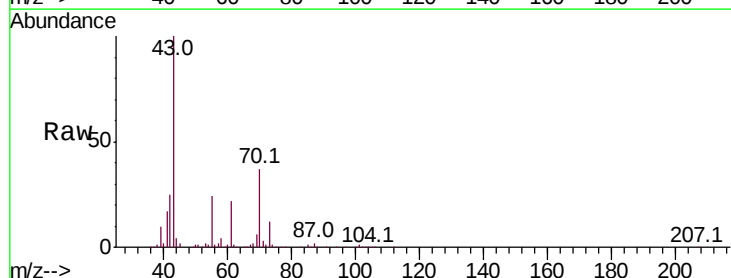
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

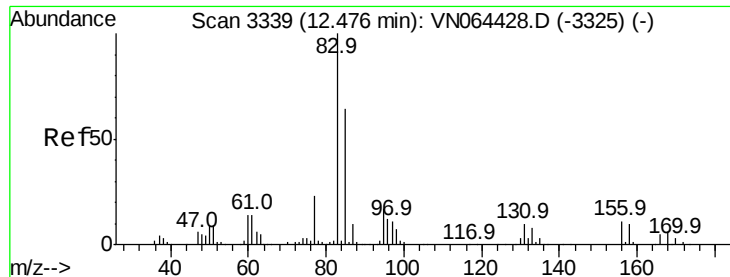
Tot Ion:105 Resp: 921923
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.3



#74
N-ethyl acetate
Concen: 45.149 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Tgt Ion: 43 Resp: 419318
Ion Ratio Lower Upper
43 100
70 37.0 29.6 44.4
55 23.9 18.4 27.6
61 21.8 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.347 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

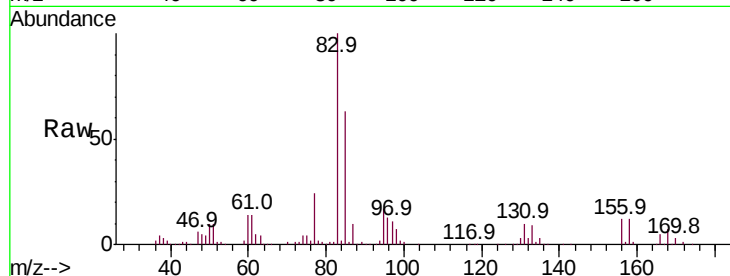
Tot Ion: 83 Resp: 296925

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	64.7	32.1	96.5

83 100

131 10.1 4.9 14.7

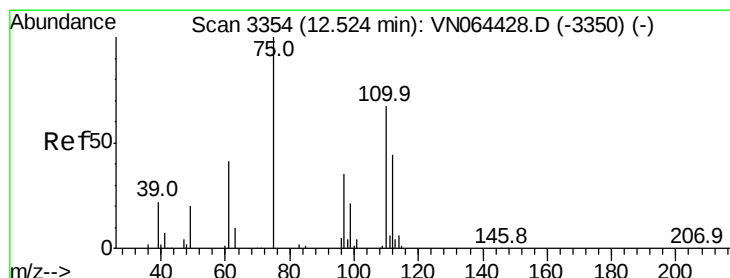
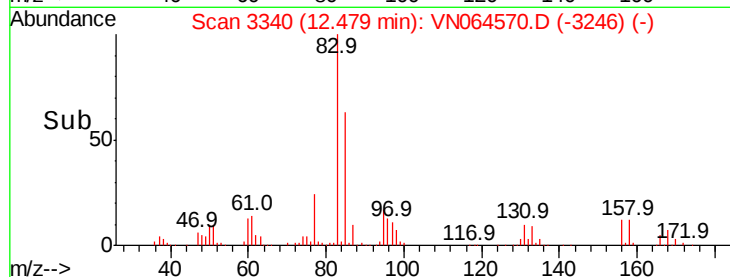
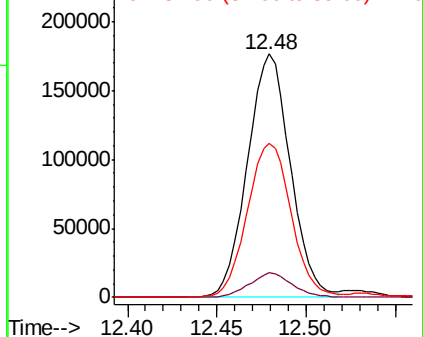
85 64.7 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064428.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 69.363 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064570.D

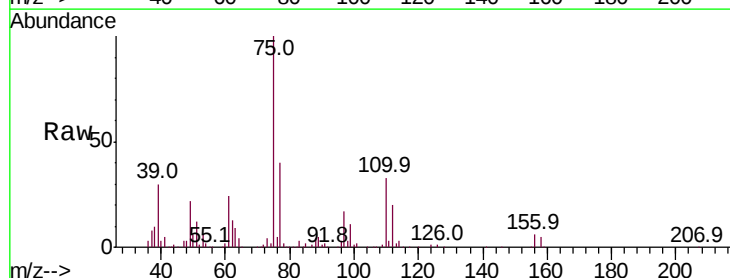
Acq: 11 Nov 2020 21:16

Tgt Ion: 75 Resp: 405984

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

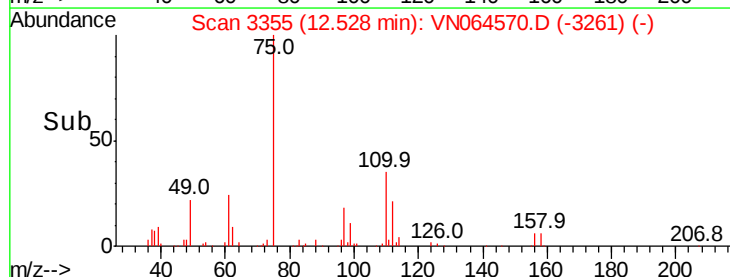
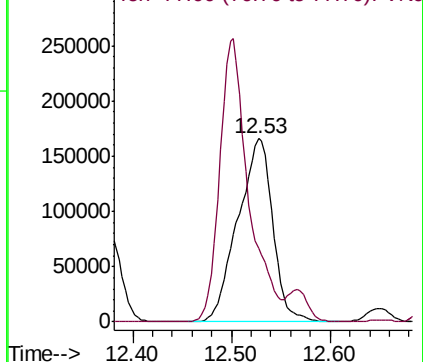
75 100

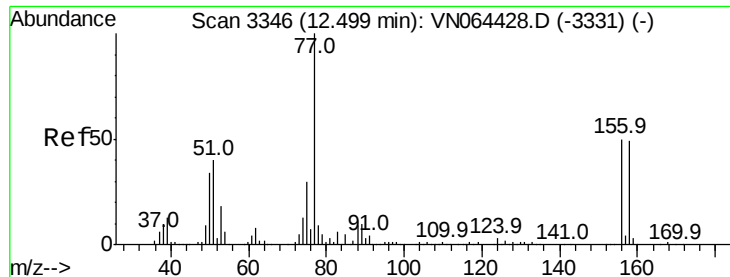
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064428.D (-3350) (-)





#77

Bromobenzene

Concen: 48.200 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

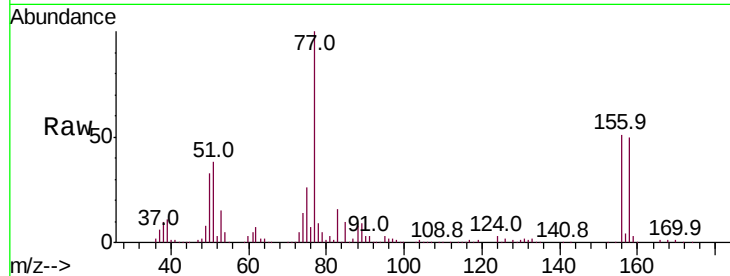
Tot Ion:156 Resp: 225948

Ion Ratio Lower Upper

156 100

77 232.4 119.0 357.0

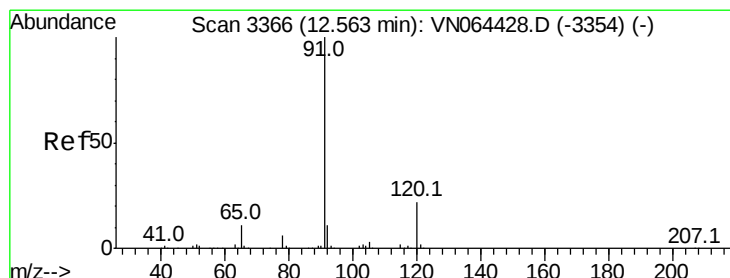
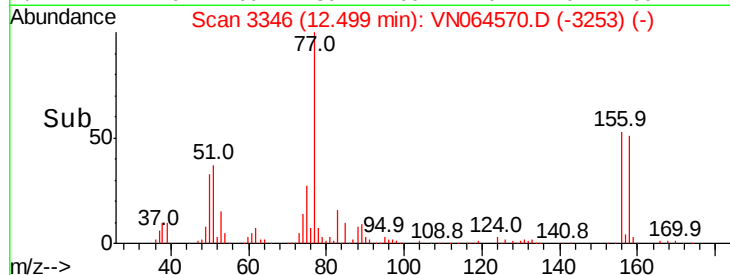
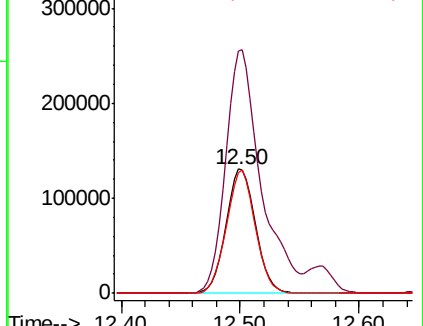
158 96.7 48.4 145.3



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: 48.905 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064570.D

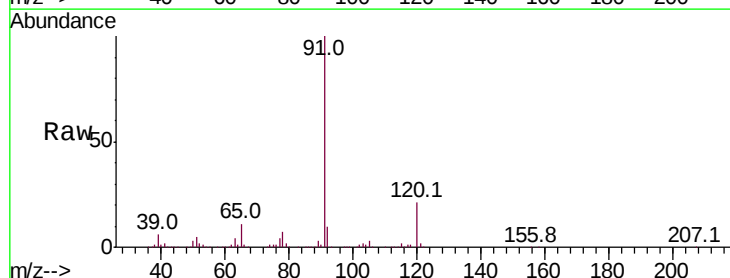
Acq: 11 Nov 2020 21:16

Tgt Ion: 91 Resp: 1070532

Ion Ratio Lower Upper

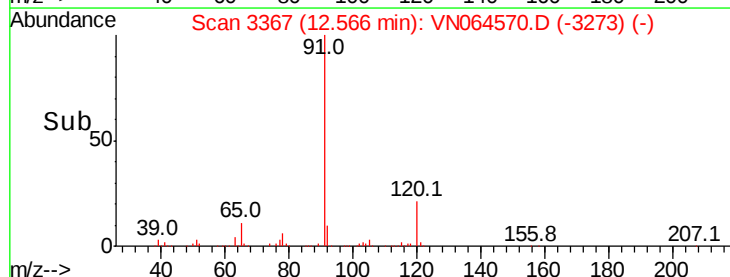
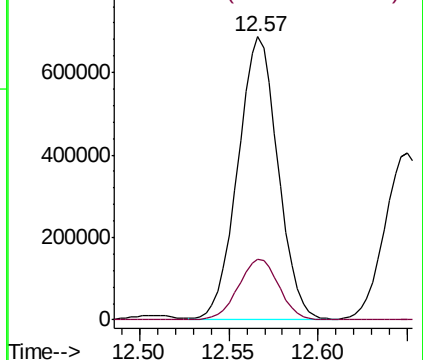
91 100

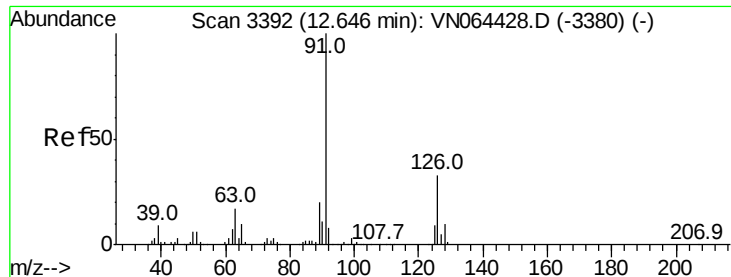
120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

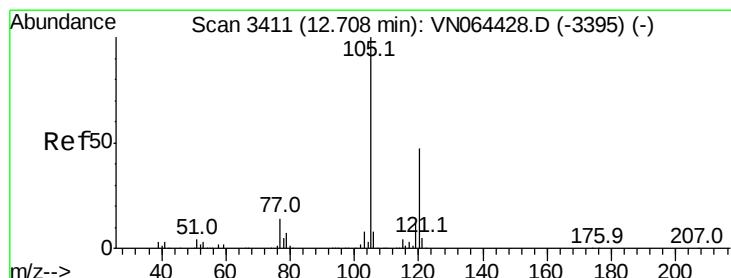
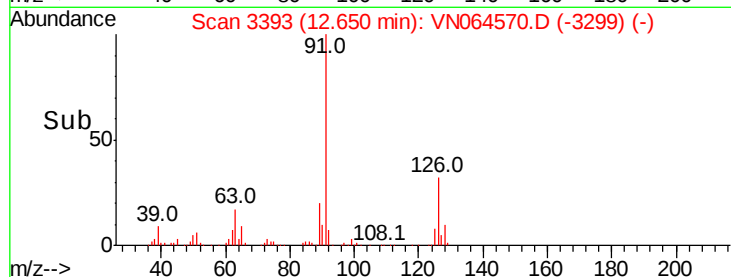
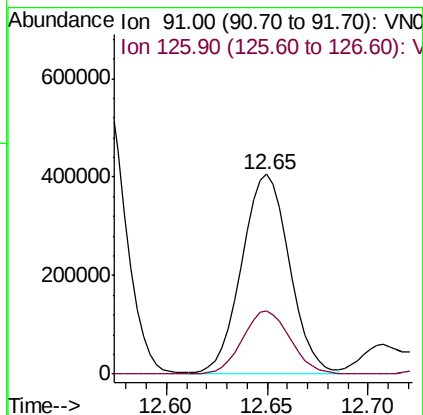
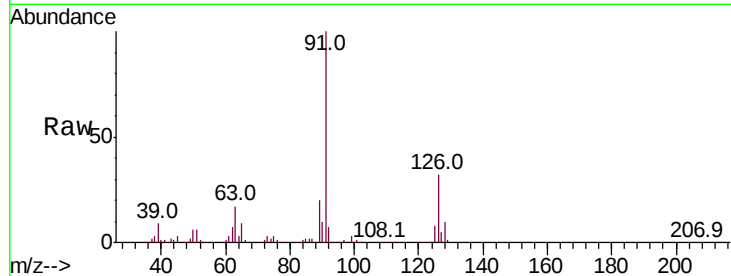




#79
 2-Chlorotoluene
 Concen: 48.216 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064570.D
 Acq: 11 Nov 2020 21:16

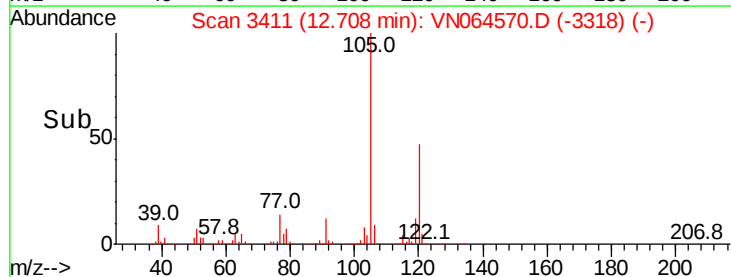
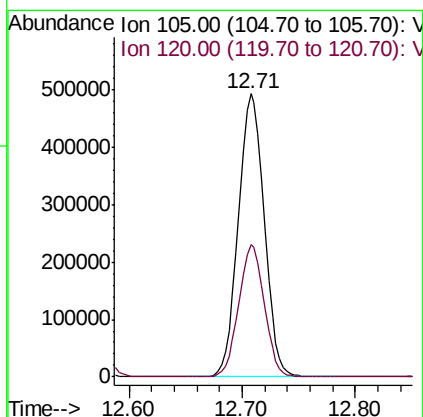
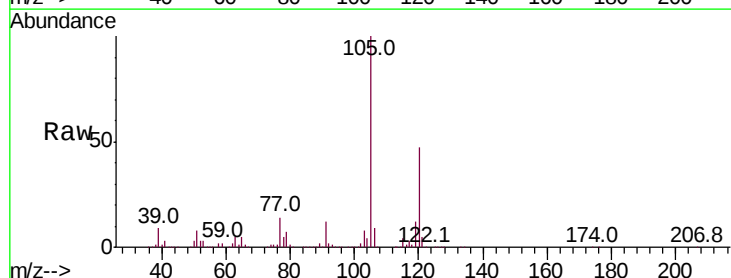
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

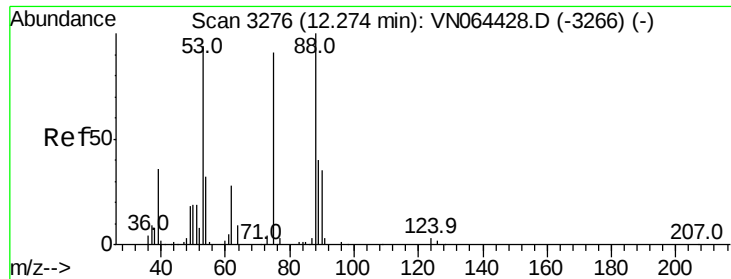
Tot Ion: 91 Resp: 669421
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 49.619 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064570.D
 Acq: 11 Nov 2020 21:16

Tgt Ion: 105 Resp: 785961
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.4 70.2

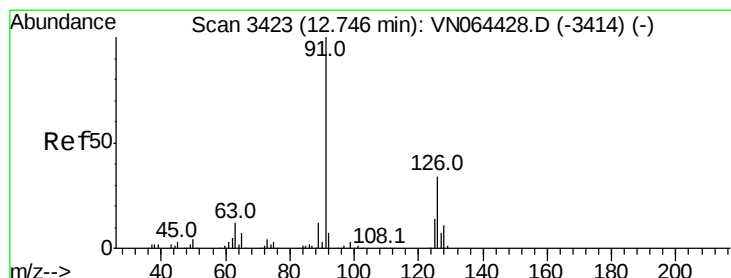
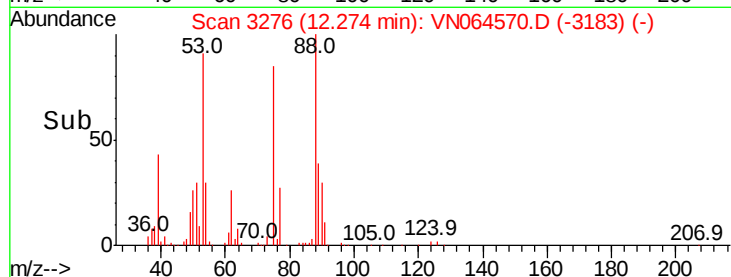
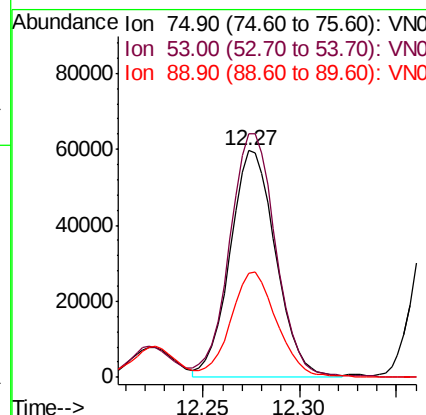
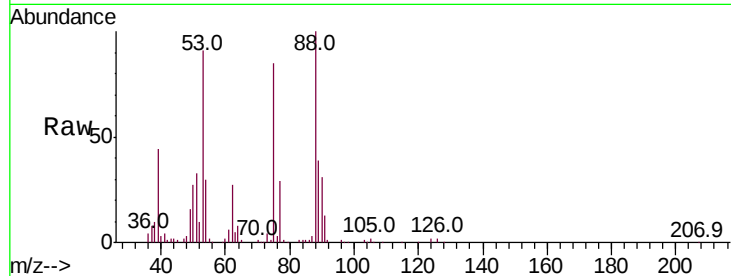




#81
trans-1,4-Dichloro-2-butene
Concen: 46.622 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

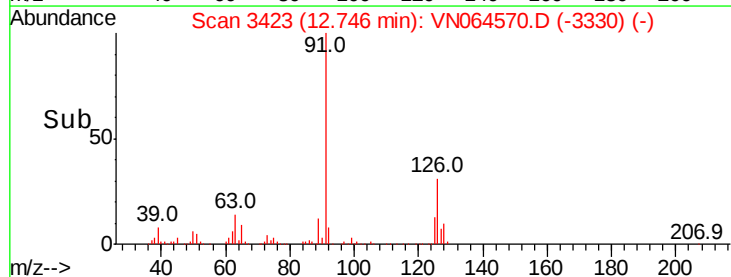
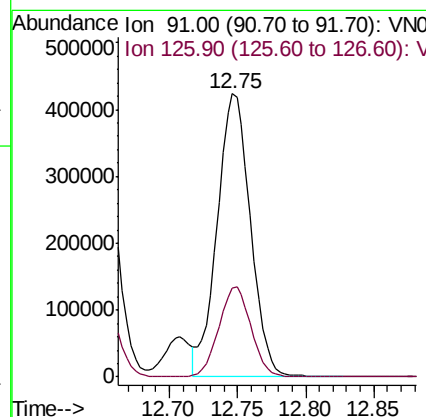
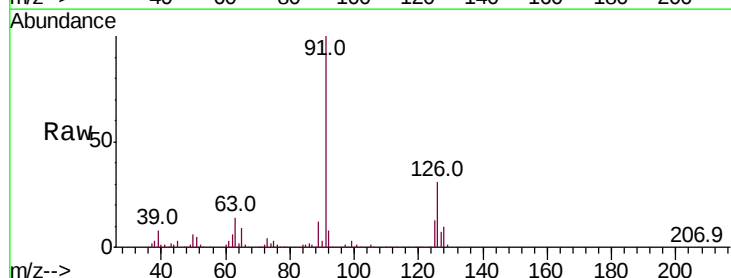
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

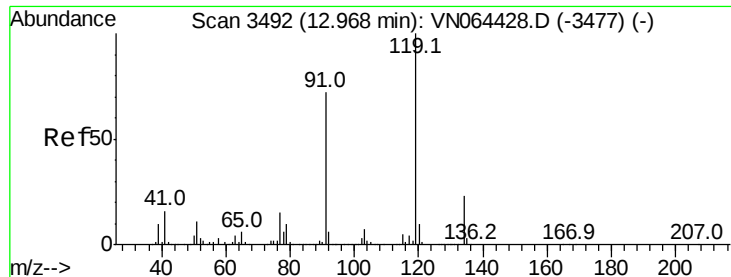
Tot Ion: 75 Resp: 97733
Ion Ratio Lower Upper
75 100
53 107.3 84.0 126.0
89 46.7 36.3 54.5



#82
4-Chlorotoluene
Concen: 49.111 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Tgt Ion: 91 Resp: 714066
Ion Ratio Lower Upper
91 100
126 30.7 15.4 46.2

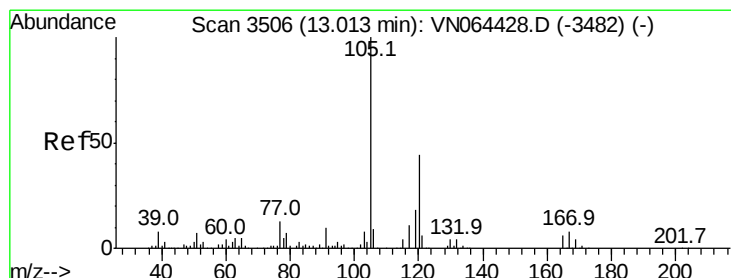
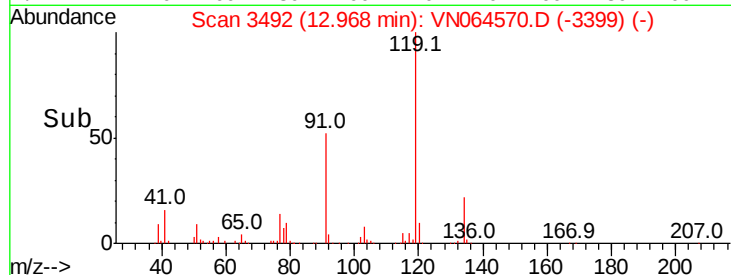
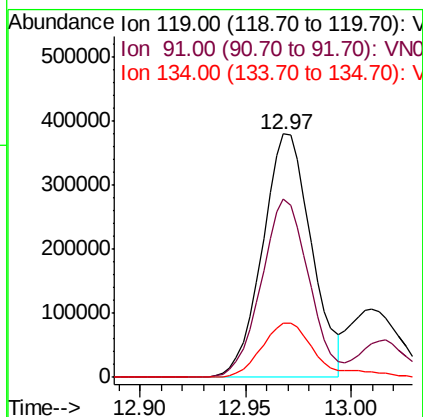
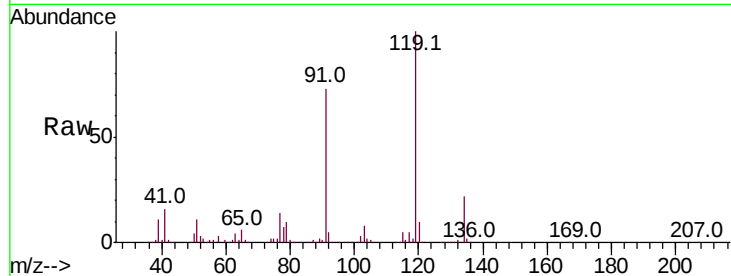




#83
tert-Butylbenzene
Concen: 49.719 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

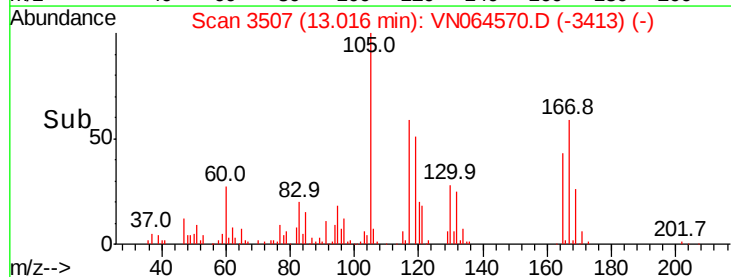
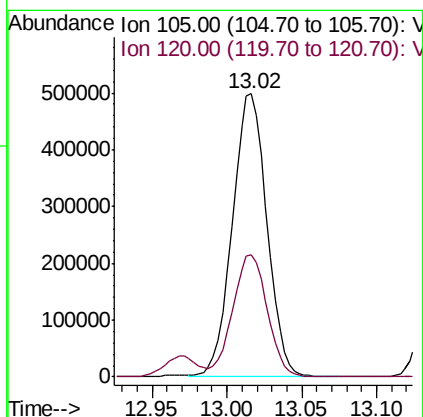
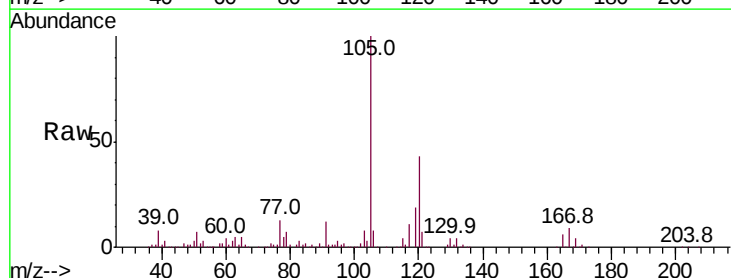
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

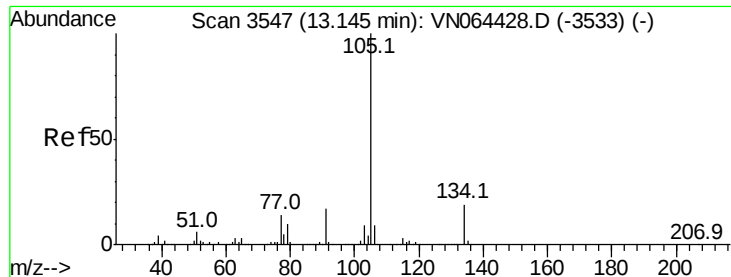
Tot Ion:119 Resp: 615086
Ion Ratio Lower Upper
119 100
91 70.9 36.1 108.3
134 24.9 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 50.135 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Tgt Ion:105 Resp: 798328
Ion Ratio Lower Upper
105 100
120 43.3 21.9 65.7





#85

sec-Butylbenzene

Concen: 51.777 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

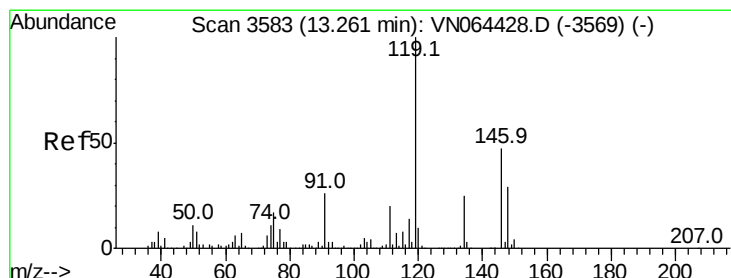
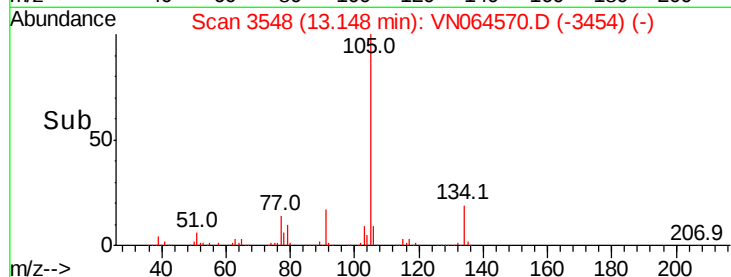
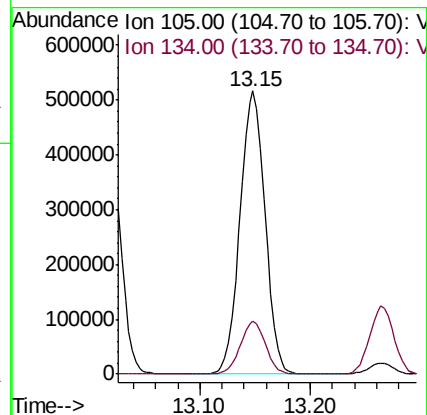
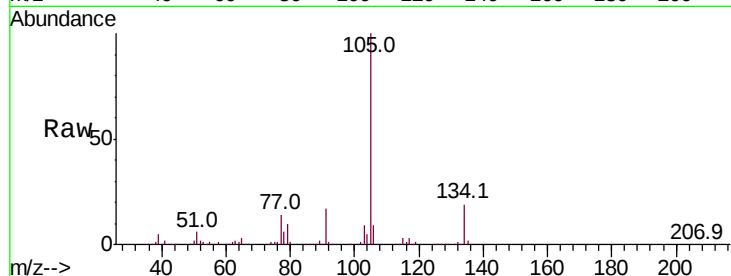
VSTDCCC050EC

Tot Ion:105 Resp: 811239

Ion Ratio Lower Upper

105 100

134 18.7 9.4 28.2



#86

p-Isopropyltoluene

Concen: 51.585 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

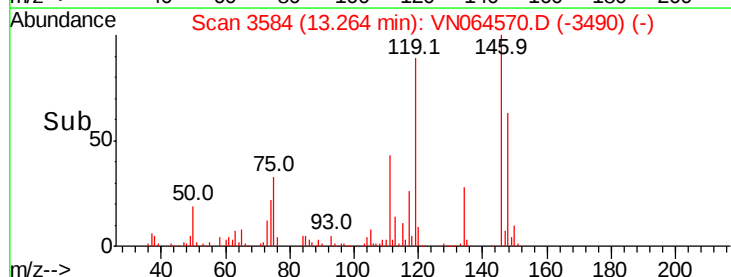
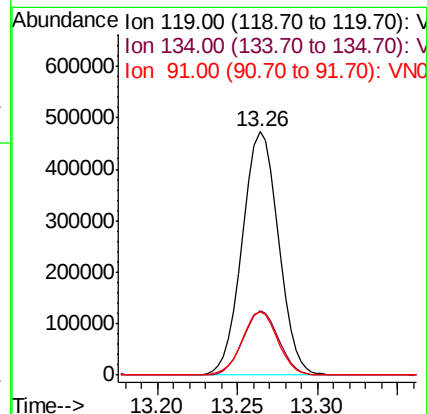
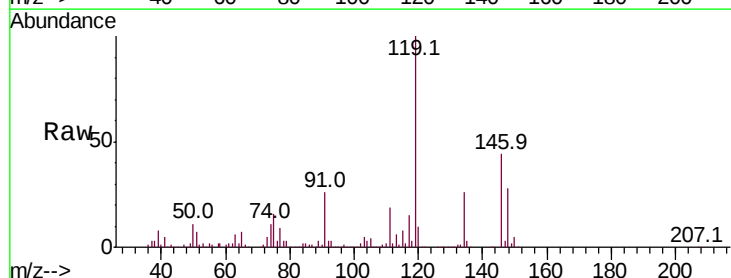
Tgt Ion:119 Resp: 726980

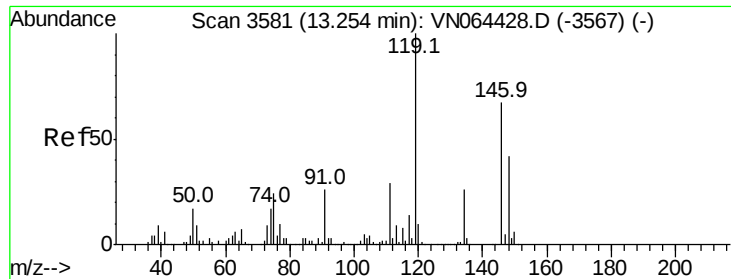
Ion Ratio Lower Upper

119 100

134 26.0 12.6 37.6

91 25.4 12.8 38.3

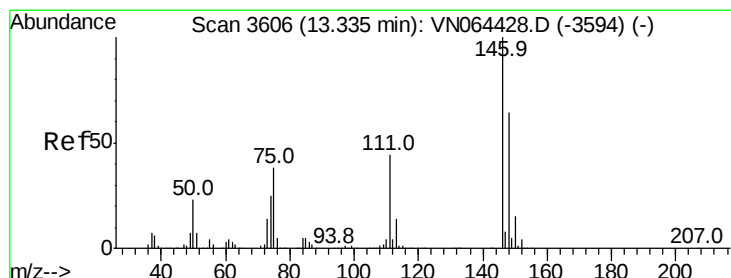
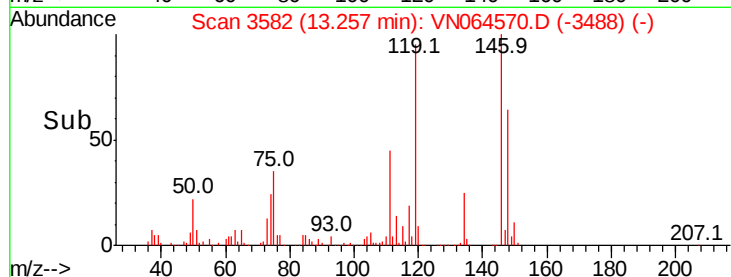
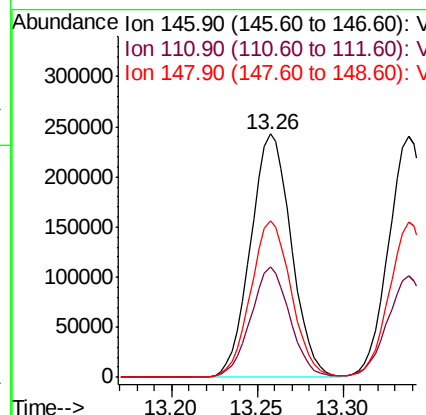
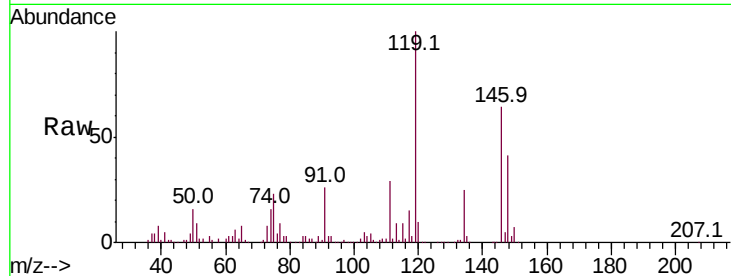




#87
 1,3-Dichlorobenzene
 Concen: 49.305 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064570.D
 Acq: 11 Nov 2020 21:16

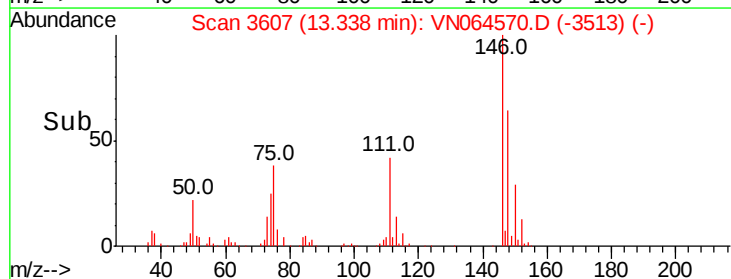
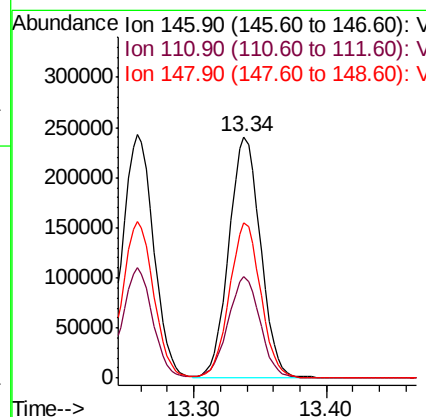
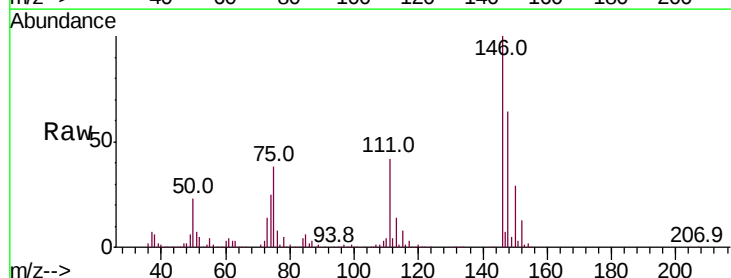
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

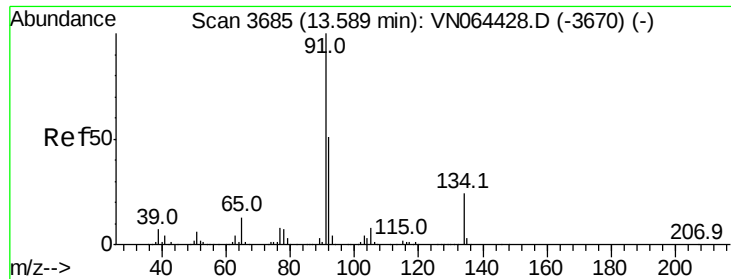
Tot Ion:146 Resp: 399537
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.1 66.1
 148 63.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 47.617 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064570.D
 Acq: 11 Nov 2020 21:16

Tgt Ion:146 Resp: 398757
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.8 65.3
 148 63.2 32.4 97.2

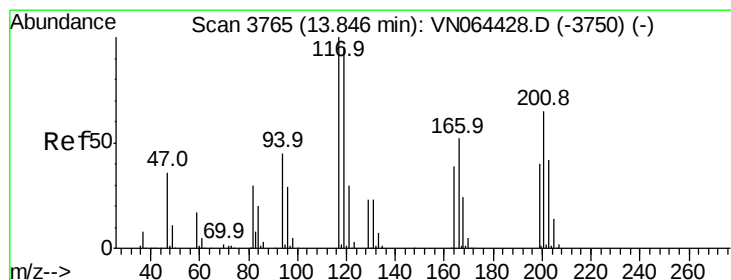
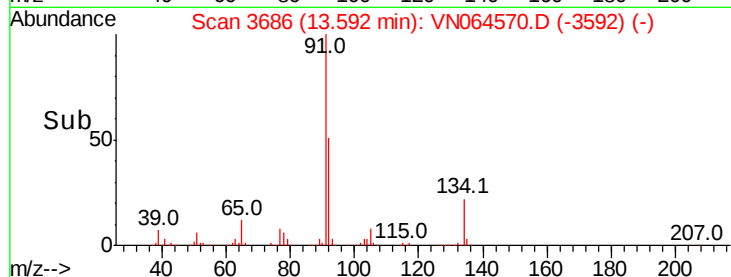
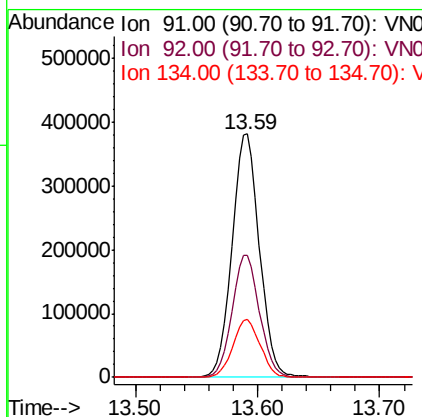
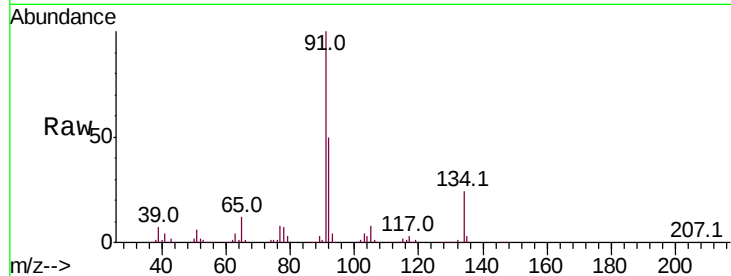




#89
n-Butylbenzene
Concen: 49.173 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

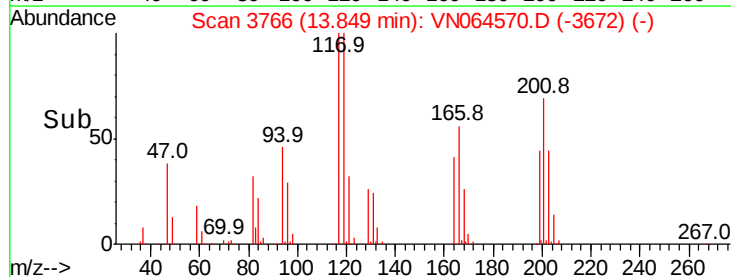
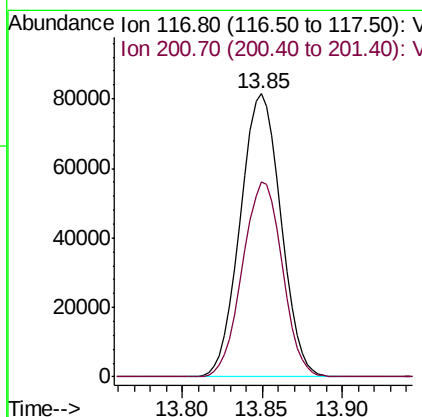
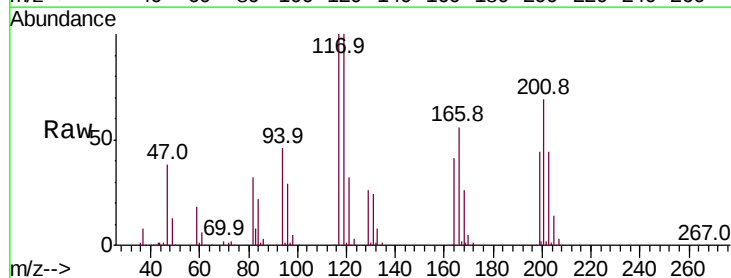
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

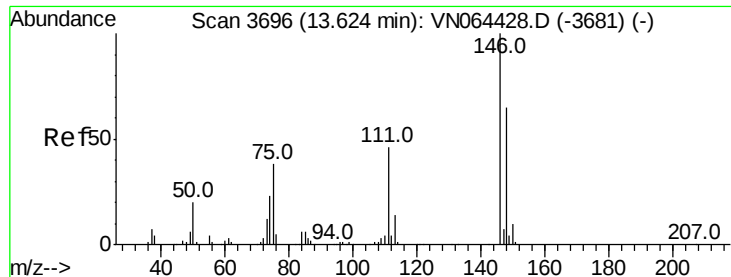
Tot Ion: 91 Resp: 595835
Ion Ratio Lower Upper
91 100
92 50.1 25.3 75.9
134 23.6 11.8 35.4



#90
Hexachloroethane
Concen: 51.990 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064570.D
Acq: 11 Nov 2020 21:16

Tgt Ion: 117 Resp: 141341
Ion Ratio Lower Upper
117 100
201 67.5 32.5 97.5

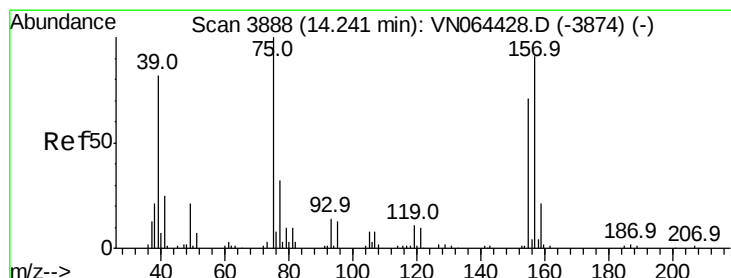
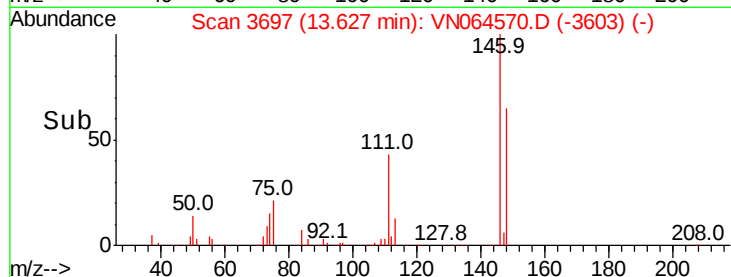
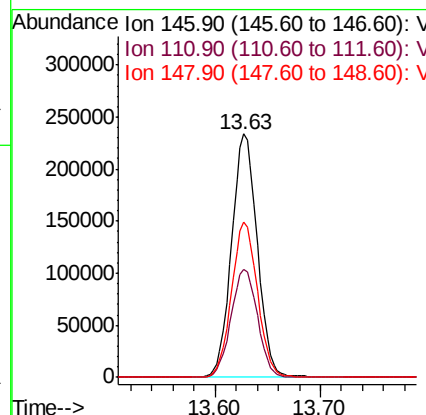
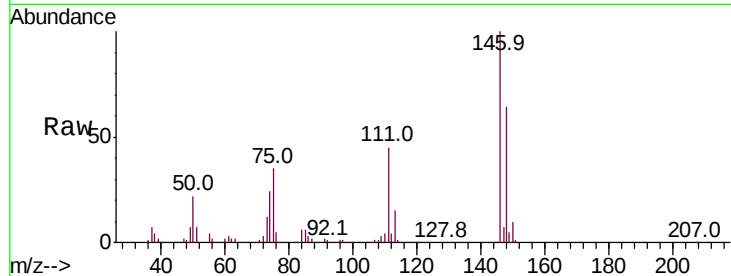




#91
 1,2-Dichlorobenzene
 Concen: 50.499 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064570.D
 Acq: 11 Nov 2020 21:16

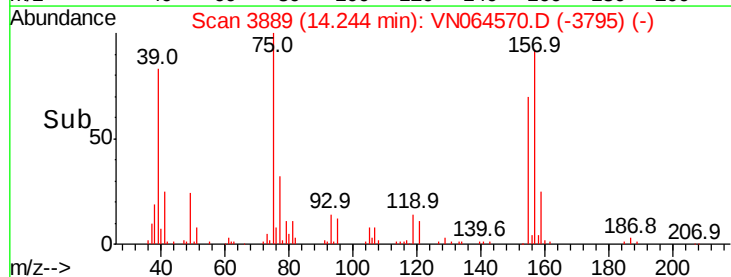
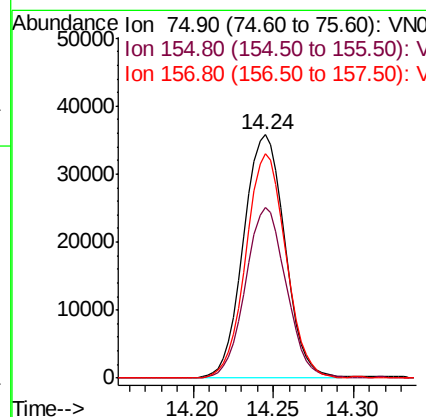
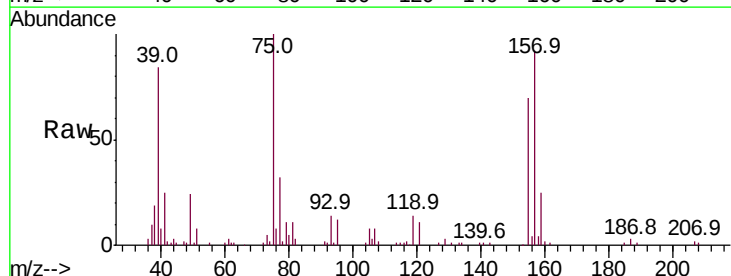
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

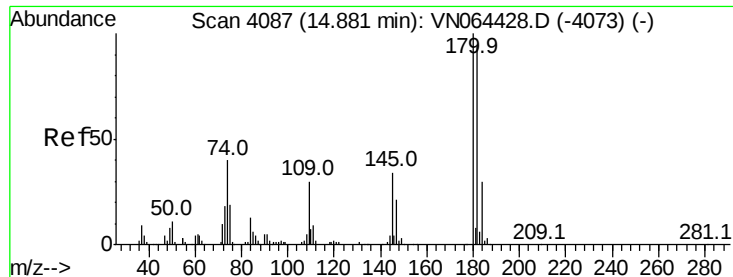
Tot Ion:146 Resp: 393621
 Ion Ratio Lower Upper
 146 100
 111 45.7 22.9 68.7
 148 64.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.925 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064570.D
 Acq: 11 Nov 2020 21:16

Tgt Ion: 75 Resp: 63318
 Ion Ratio Lower Upper
 75 100
 155 68.7 34.6 103.9
 157 88.9 43.0 128.8

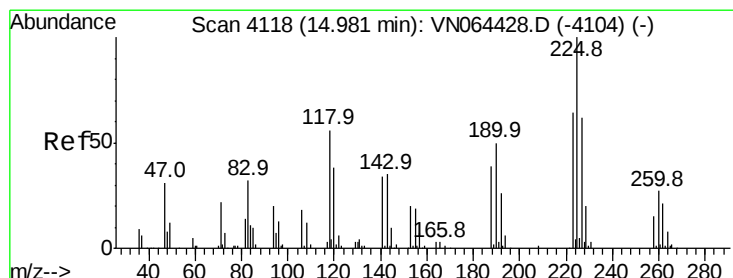
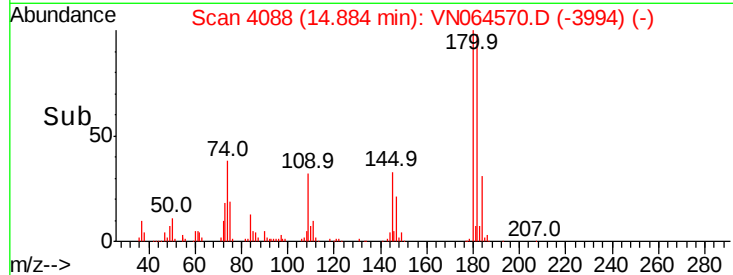
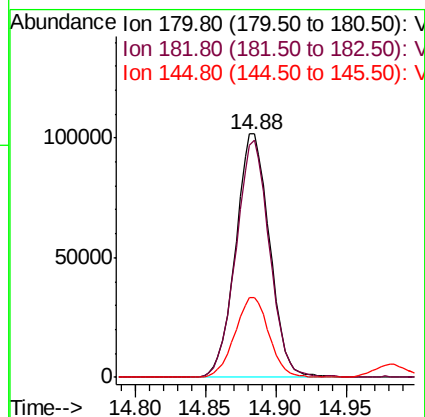
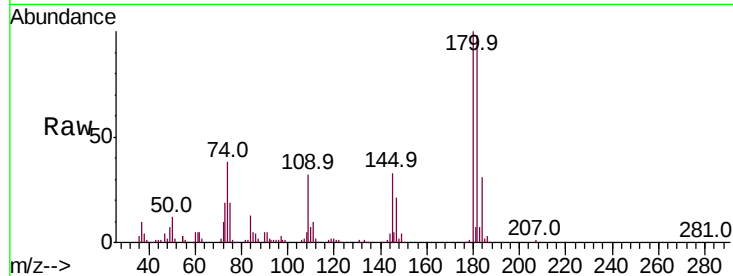




#93
 1,2,4-Trichlorobenzene
 Concen: 44.705 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064570.D
 Acq: 11 Nov 2020 21:16

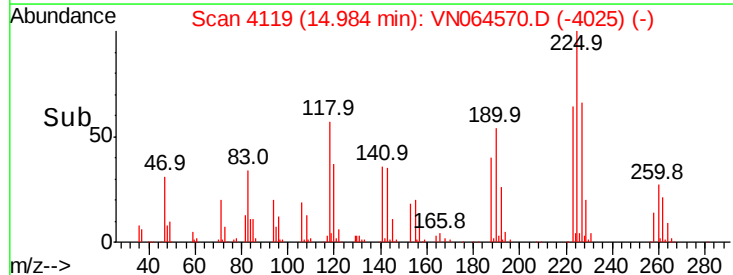
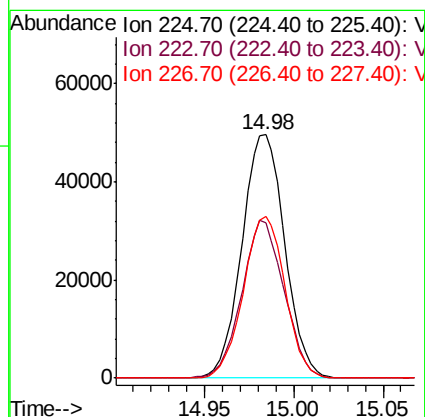
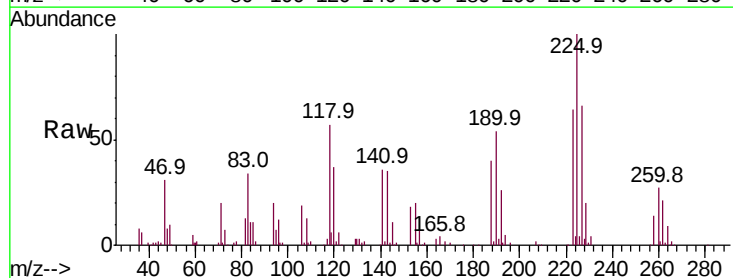
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

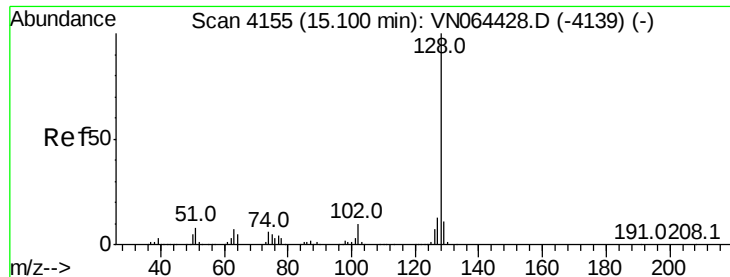
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	142.0
145	32.8	16.7	50.1



#94
 Hexachlorobutadiene
 Concen: 52.343 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064570.D
 Acq: 11 Nov 2020 21:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.8	95.4
227	64.7	31.8	95.4





#95

Naphthalene

Concen: 43.022 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

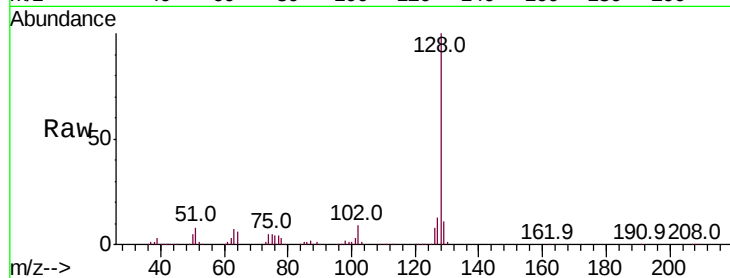
Tot Ion:128 Resp: 562788

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

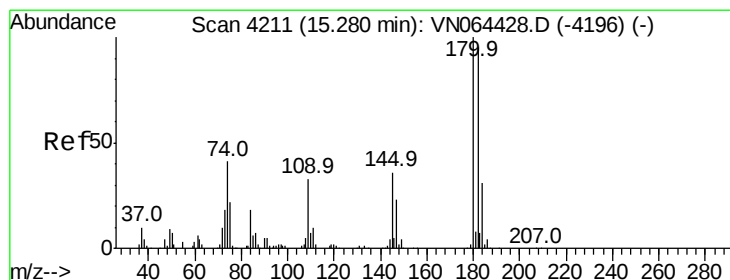
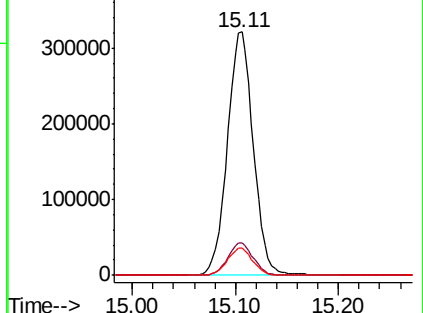
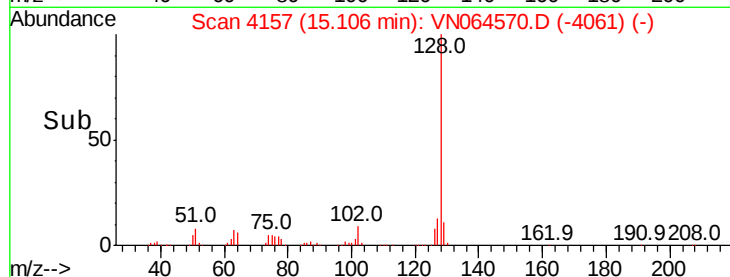
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.350 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064570.D

Acq: 11 Nov 2020 21:16

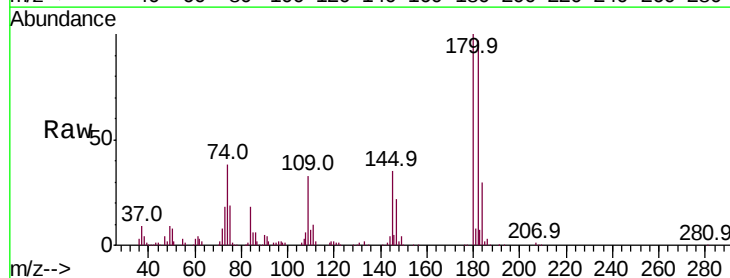
Tgt Ion:180 Resp: 176985

Ion Ratio Lower Upper

180 100

182 94.2 47.7 143.1

145 34.3 18.3 54.8



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

