

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021422\
 Data File : VX027012.D
 Acq On : 14 Feb 2022 11:43
 Operator : JC/MD
 Sample : VSTD200664
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200664

Quant Time: Feb 15 05:01:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 15 04:56:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	135032	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	129144	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	64247	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	230517	192.324	ug/L	0.00
7) Chloroethane-d5	1.666	69	120139	156.213	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	442966	192.743	ug/L	0.00
21) 2-Butanone-d5	4.459	46	329703	396.009	ug/L	0.00
24) Chloroform-d	5.062	84	440779	195.827	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	277753	190.401	ug/L	0.00
32) Benzene-d6	5.983	84	885144	190.261	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	268431	194.243	ug/L	0.00
41) Toluene-d8	8.653	98	822808	193.302	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	139531	221.447	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	231374	387.270	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	298724	182.908	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	282415	193.516	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	279816	193.063	ug/L	100
3) Chloromethane	1.295	50	216443	189.762	ug/L	99
5) Vinyl chloride	1.380	62	221448	193.107	ug/L	99
6) Bromomethane	1.618	94	90093	184.688	ug/L	99
8) Chloroethane	1.691	64	116277	187.562	ug/L	96
9) Trichlorofluoromethane	1.892	101	305129	191.274	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	196694	191.253	ug/L	99
12) 1,1-Dichloroethene	2.325	96	182620	193.290	ug/L	91
13) Acetone	2.386	43	241035	344.003	ug/L	99
14) Carbon disulfide	2.520	76	550179	196.573	ug/L	99
15) Methyl Acetate	2.703	43	213183	196.955	ug/L	99
16) Methylene chloride	2.794	84	201547	194.696	ug/L	98
17) trans-1,2-Dichloroethene	3.099	96	196100	196.162	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	611610	199.357	ug/L	99
19) 1,1-Dichloroethane	3.617	63	350241	196.426	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	216600	197.449	ug/L	100
22) 2-Butanone	4.562	43	334598	372.831	ug/L	100
23) Bromochloromethane	4.904	128	111550	199.130	ug/L	99
25) Chloroform	5.099	83	367905	192.887	ug/L	98
27) 1,2-Dichloroethane	6.092	62	285316	193.395	ug/L	99
29) Cyclohexane	5.477	56	343532	194.023	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	331772	197.419	ug/L	99
31) Carbon tetrachloride	5.684	117	298253	200.064	ug/L	99
33) Benzene	6.044	78	799062	191.492	ug/L	100
34) Trichloroethene	7.129	95	231238	193.727	ug/L	99
35) Methylcyclohexane	7.385	83	351982	195.128	ug/L	100
37) 1,2-Dichloropropane	7.434	63	205111	195.440	ug/L	100
38) Bromodichloromethane	7.824	83	283897	201.525	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	335261	213.149	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	563232	377.548	ug/L	99
42) Toluene	8.720	91	863220	192.673	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	326458	220.843	ug/L	100

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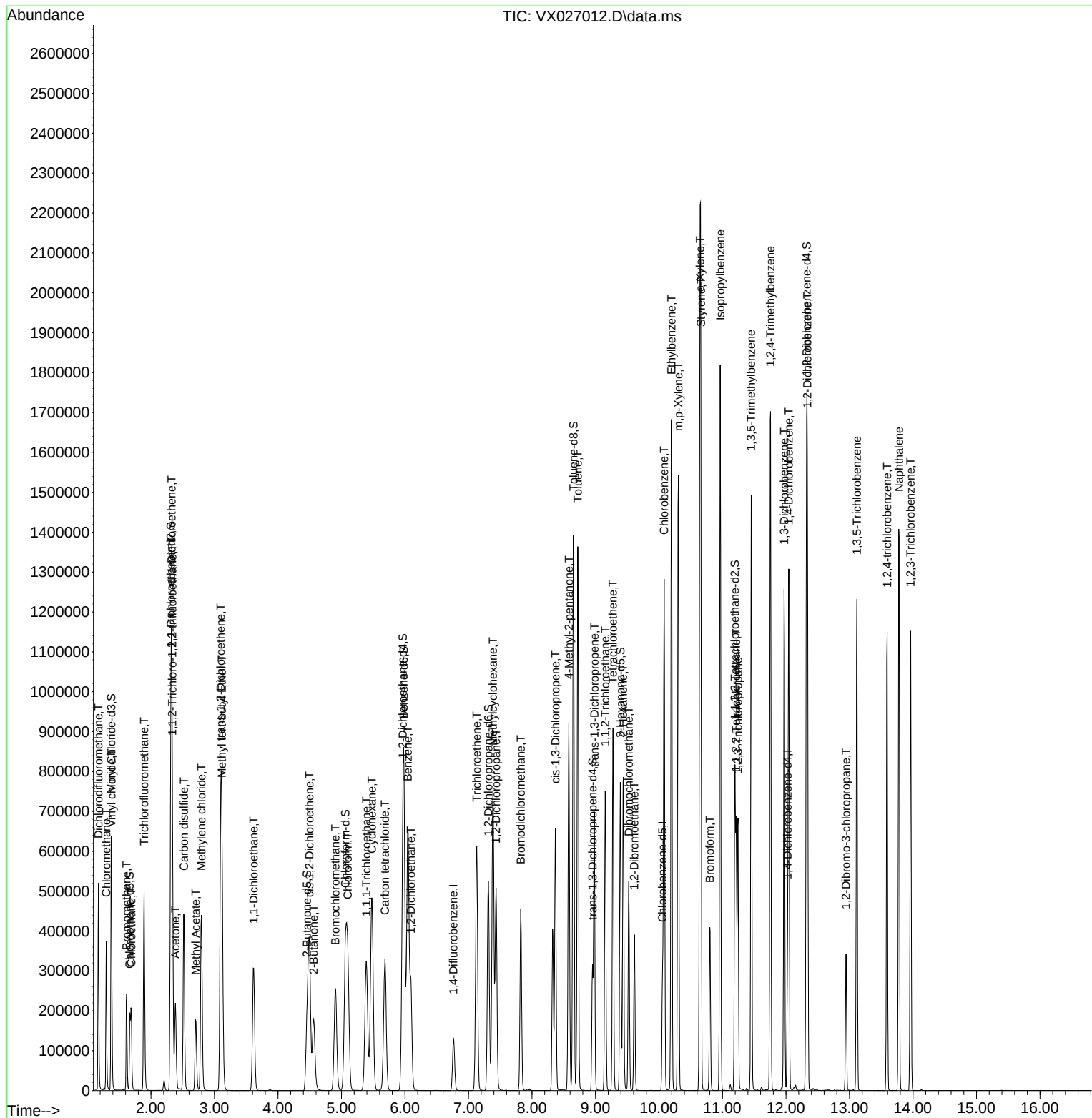
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	199584	194.498	ug/L	99
46) Tetrachloroethene	9.275	164	171056	193.551	ug/L	98
48) 2-Hexanone	9.433	43	431787	357.505	ug/L	99
49) Dibromochloromethane	9.525	129	231081	205.341	ug/L	100
50) 1,2-Dibromoethane	9.610	107	216263	200.755	ug/L	100
51) Chlorobenzene	10.080	112	556288	193.901	ug/L	99
52) Ethylbenzene	10.195	91	944763	196.039	ug/L	99
53) m,p-Xylene	10.305	106	370624	195.069	ug/L	94
54) o-Xylene	10.647	106	349600	192.355	ug/L	97
55) Styrene	10.659	104	592899	192.625	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	246277	181.248	ug/L	99
59) Bromoform	10.799	173	153835	208.667	ug/L	100
60) Isopropylbenzene	10.964	105	925974	199.483	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	223795	183.648	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	647663	202.286	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	772487	198.664	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	400120	193.774	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	400857	192.912	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	386174	193.437	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	65429	221.105	ug/L	99
69) 1,3,5-Trichlorobenzene	13.116	180	289711	204.168	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	270536	215.950	ug/L	99
71) Naphthalene	13.780	128	902839	216.442	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	263404	210.287	ug/L	99

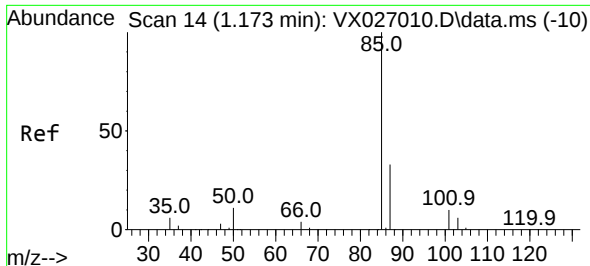
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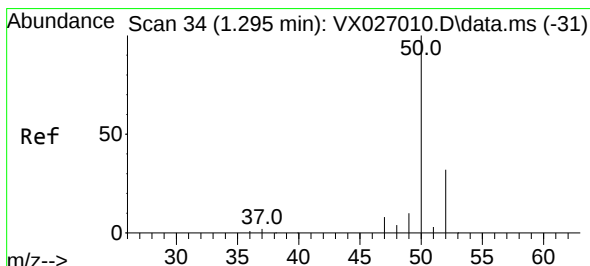
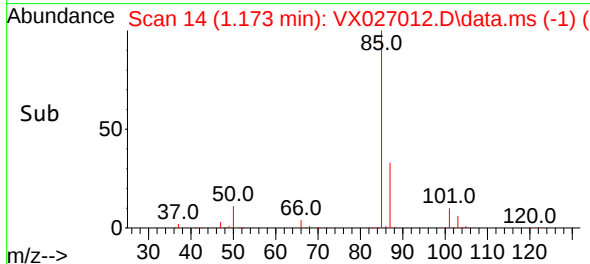
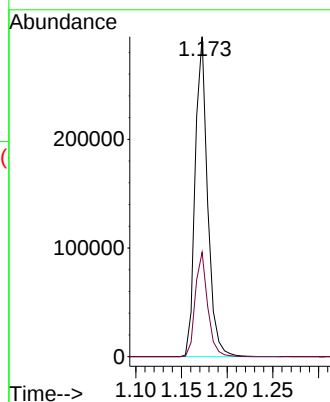
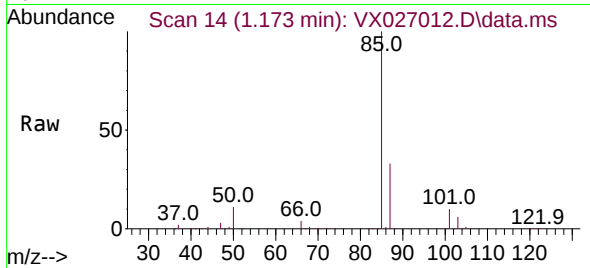




#2
 Dichlorodifluoromethane
 Concen: 193.063 ug/L
 RT: 1.173 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX027012.D
 Acq: 14 Feb 2022 11:43

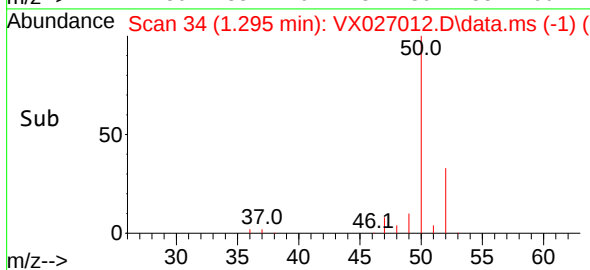
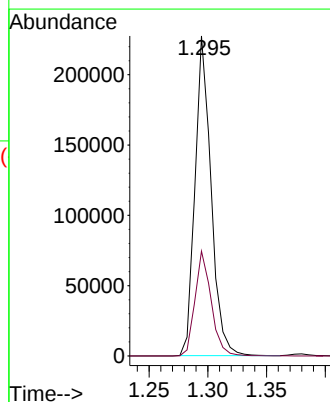
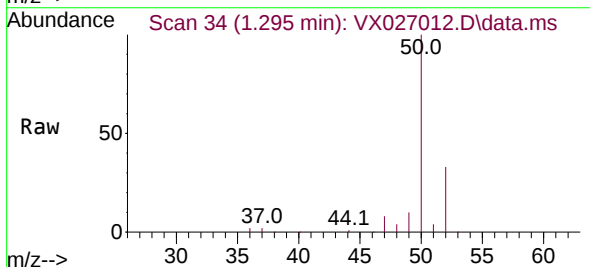
Instrument :
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 ClientSampleId :
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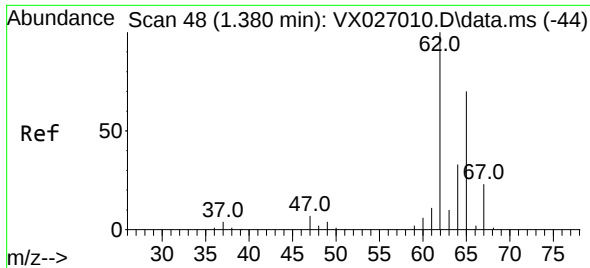
Tgt Ion: 85 Resp: 279816
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9



#3
 Chloromethane
 Concen: 189.762 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX027012.D
 Acq: 14 Feb 2022 11:43

Tgt Ion: 50 Resp: 216443
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.5 41.7

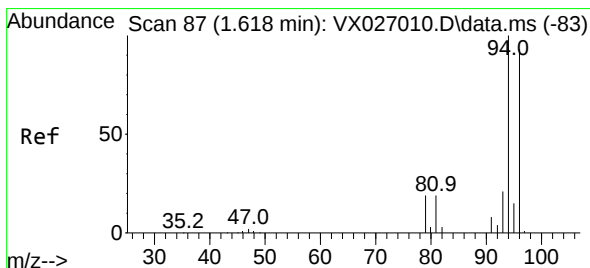
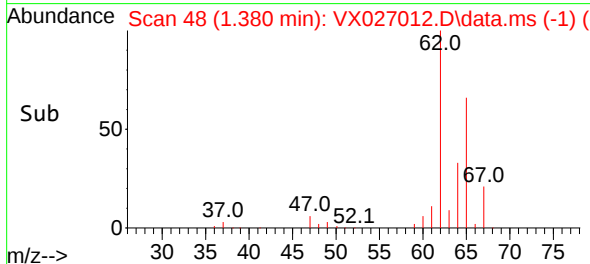
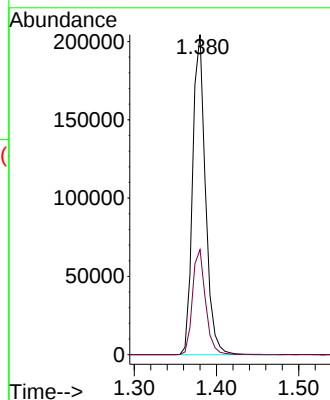
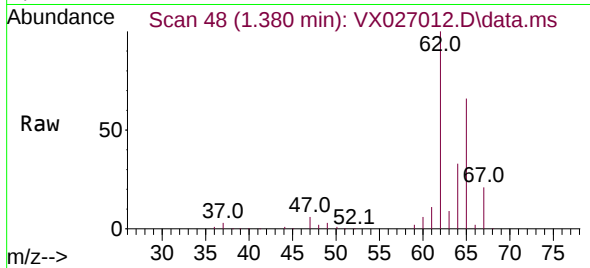




#5
 Vinyl chloride
 Concen: 193.107 ug/L
 RT: 1.380 min Scan# 48
 Delta R.T. 0.000 min
 Lab File: VX027012.D
 Acq: 14 Feb 2022 11:43

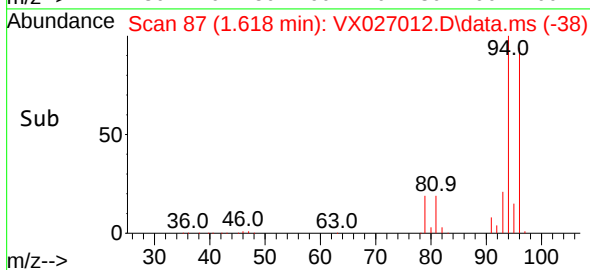
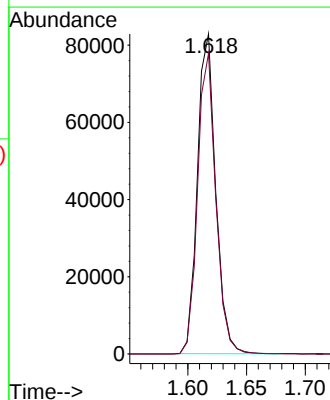
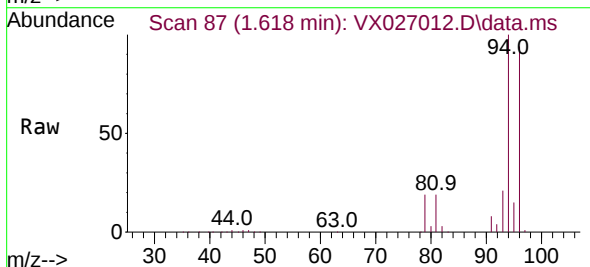
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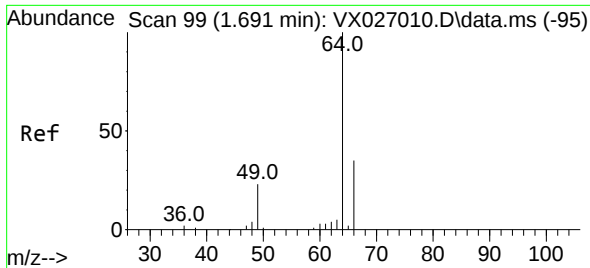
Tgt Ion: 62 Resp: 221448
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.3 43.3



#6
 Bromomethane
 Concen: 184.688 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX027012.D
 Acq: 14 Feb 2022 11:43

Tgt Ion: 94 Resp: 90093
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.9 120.5

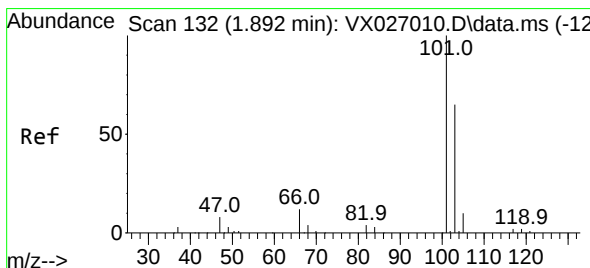
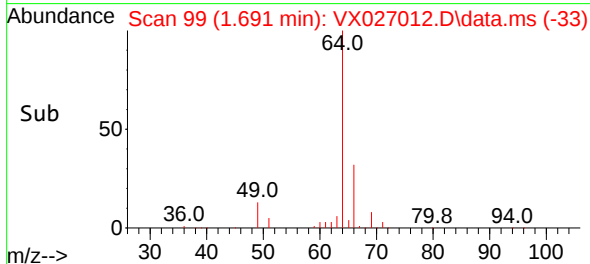
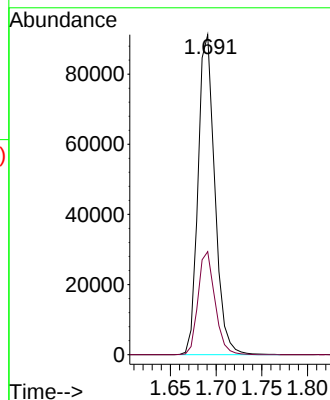
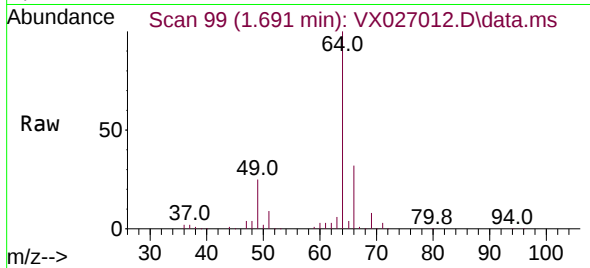




#8
Chloroethane
Concen: 187.562 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

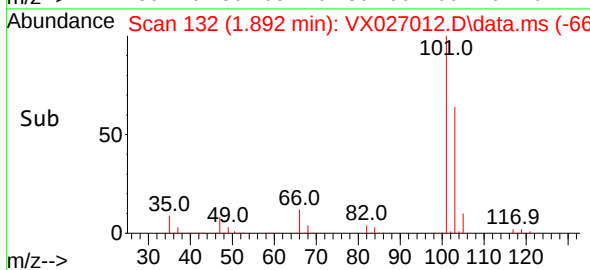
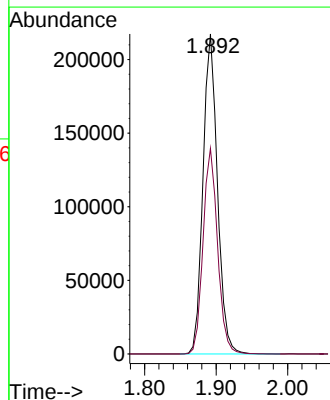
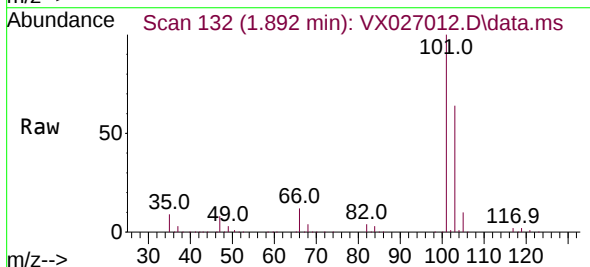
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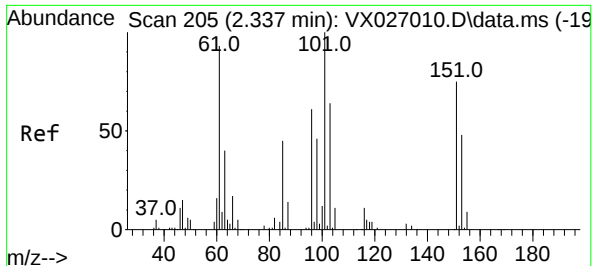
Tgt Ion: 64 Resp: 116277
Ion Ratio Lower Upper
64 100
66 32.2 24.2 45.0



#9
Trichlorofluoromethane
Concen: 191.274 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

Tgt Ion:101 Resp: 305129
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8

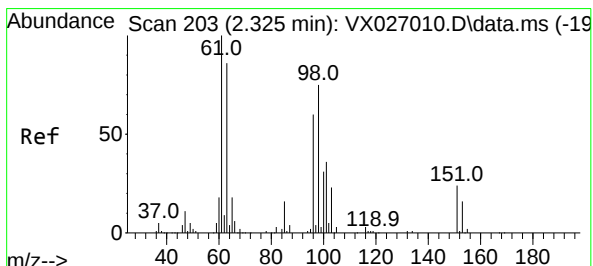
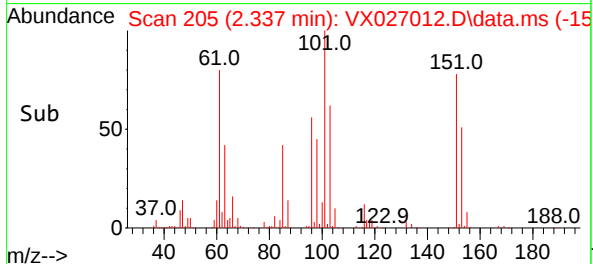
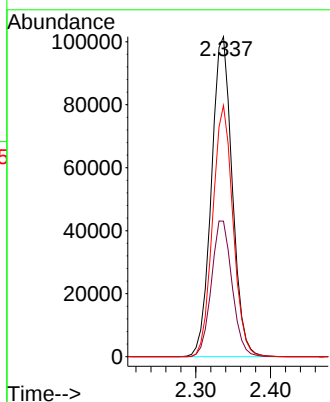
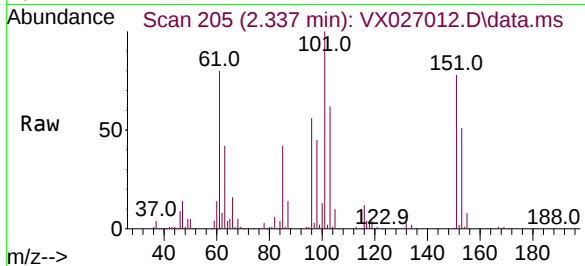




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 191.253 ug/L
 RT: 2.337 min Scan# 205
 Delta R.T. -0.000 min
 Lab File: VX027012.D
 Acq: 14 Feb 2022 11:43

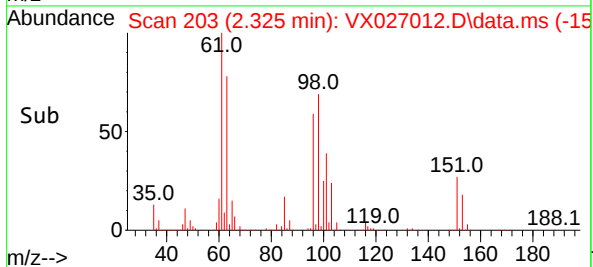
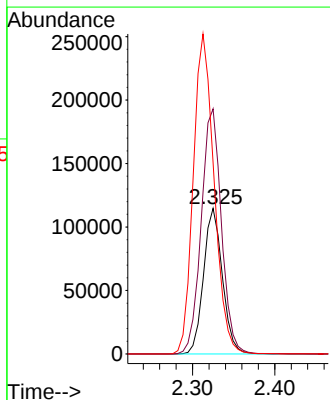
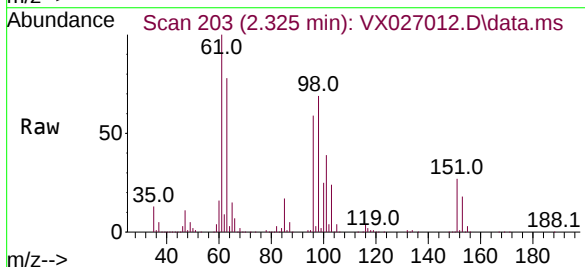
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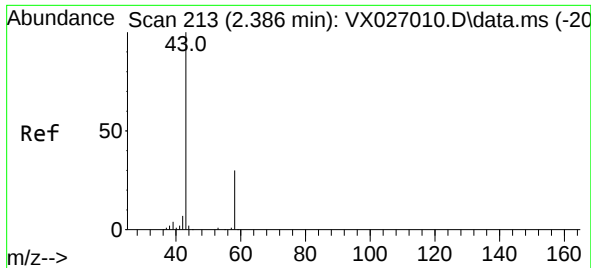
Tgt Ion:101 Resp: 196694
 Ion Ratio Lower Upper
 101 100
 85 42.2 33.9 50.9
 151 76.6 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 193.290 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. 0.000 min
 Lab File: VX027012.D
 Acq: 14 Feb 2022 11:43

Tgt Ion: 96 Resp: 182620
 Ion Ratio Lower Upper
 96 100
 61 168.4 118.2 219.4
 63 131.5 109.6 203.4





#13

Acetone

Concen: 344.003 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

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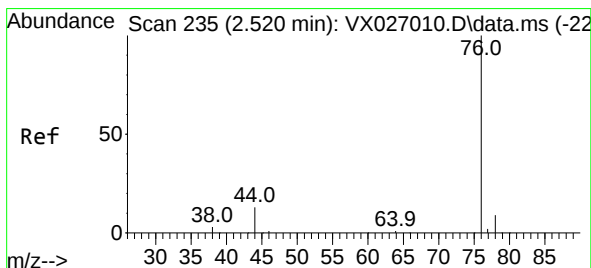
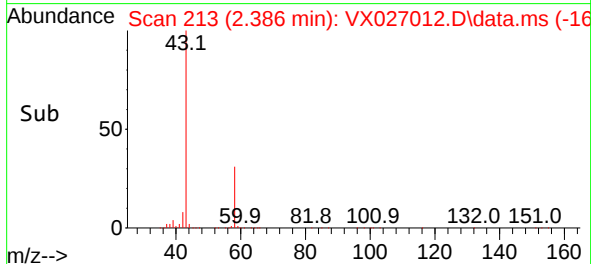
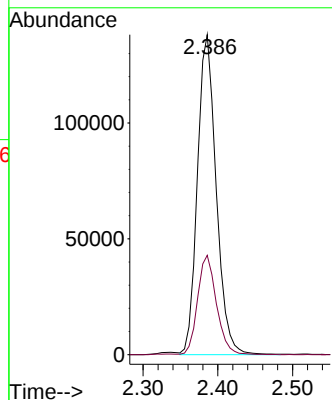
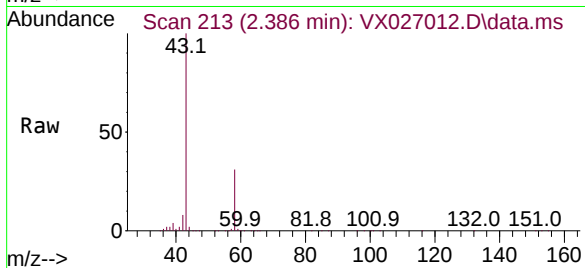
VSTD200664

Tgt Ion: 43 Resp: 241035

Ion Ratio Lower Upper

43 100

58 31.1 0.0 61.4



#14

Carbon disulfide

Concen: 196.573 ug/L

RT: 2.520 min Scan# 235

Delta R.T. -0.000 min

Lab File: VX027012.D

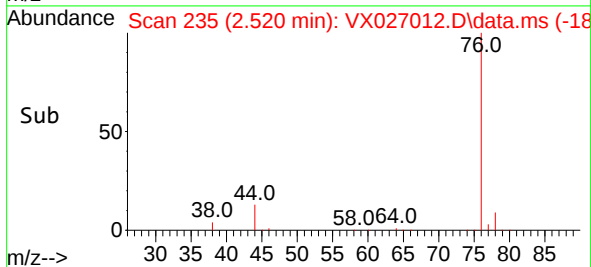
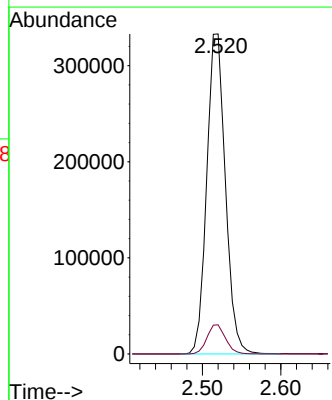
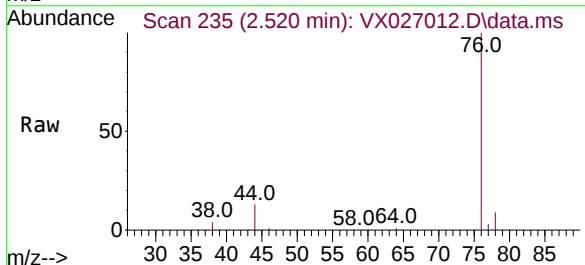
Acq: 14 Feb 2022 11:43

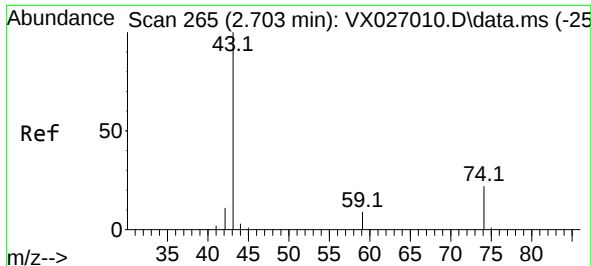
Tgt Ion: 76 Resp: 550179

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7





#15

Methyl Acetate

Concen: 196.955 ug/L

RT: 2.703 min Scan# 2

Delta R.T. 0.000 min

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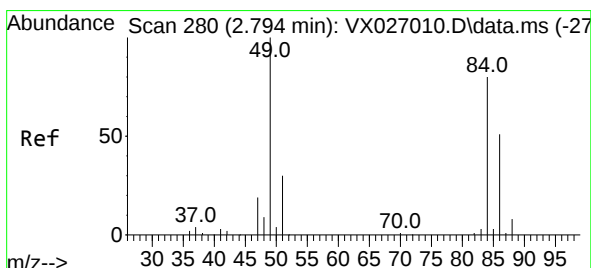
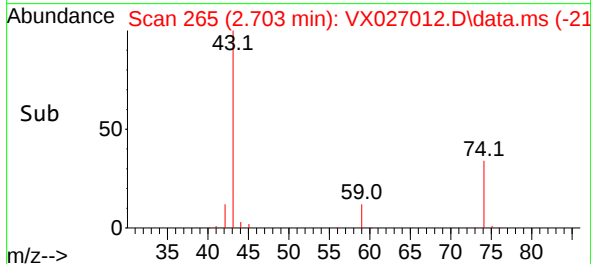
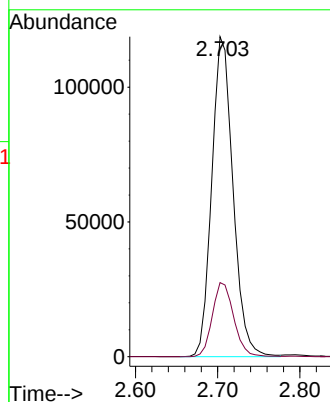
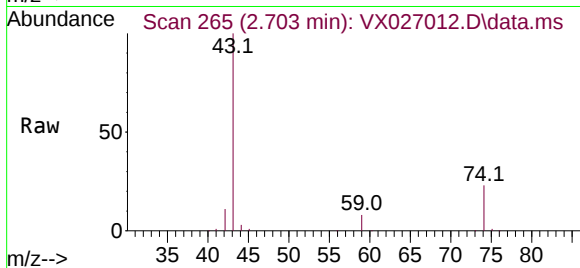
VSTD200664

Tgt Ion: 43 Resp: 213183

Ion Ratio Lower Upper

43 100

74 23.3 18.2 27.4



#16

Methylene chloride

Concen: 194.696 ug/L

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX027012.D

Acq: 14 Feb 2022 11:43

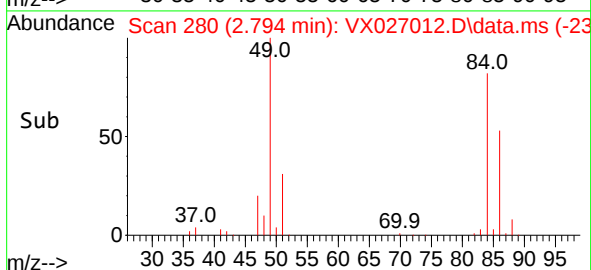
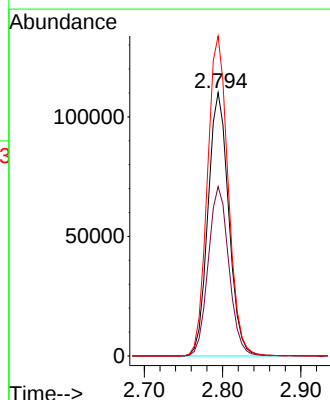
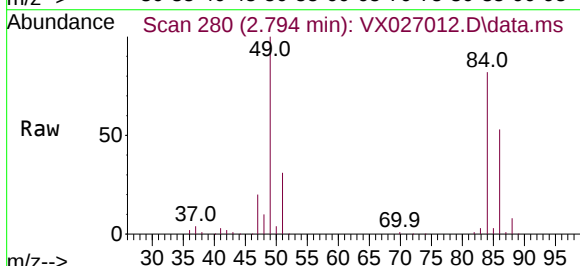
Tgt Ion: 84 Resp: 201547

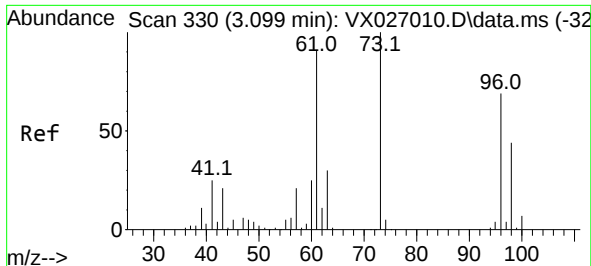
Ion Ratio Lower Upper

84 100

86 64.3 44.8 83.2

49 121.5 87.0 161.6





#17

trans-1,2-Dichloroethene

Concen: 196.162 ug/L

RT: 3.099 min Scan# 330

Delta R.T. -0.000 min

Lab File: VX027012.D

Acq: 14 Feb 2022 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTD200664

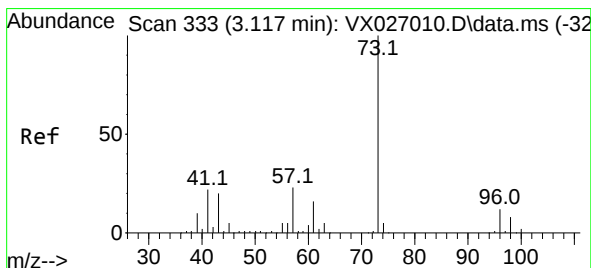
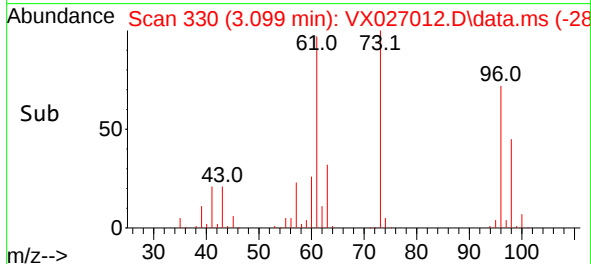
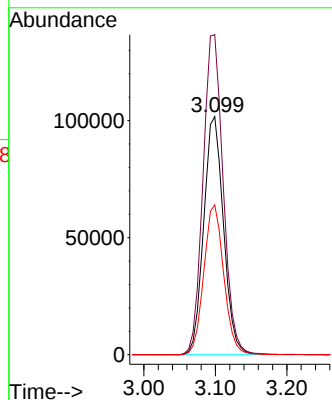
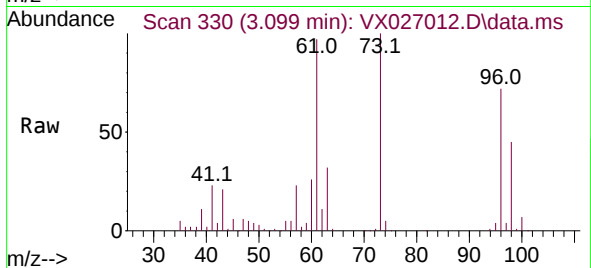
Tgt Ion: 96 Resp: 196100

Ion Ratio Lower Upper

96 100

61 134.4 93.0 172.6

98 62.9 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 199.357 ug/L

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX027012.D

Acq: 14 Feb 2022 11:43

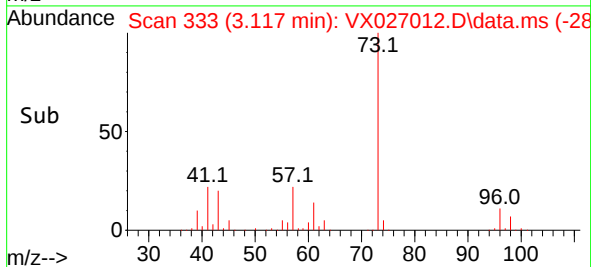
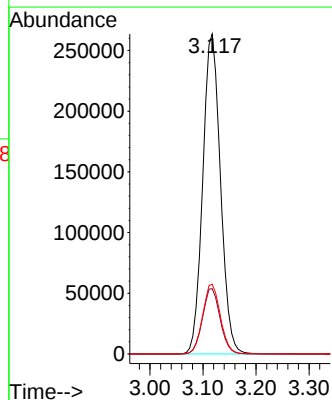
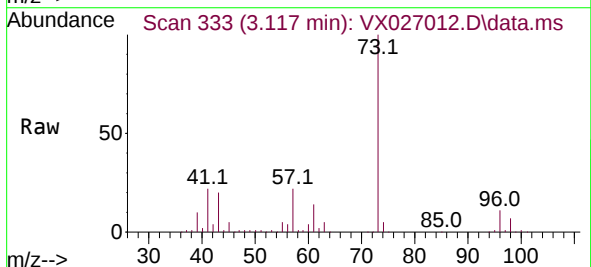
Tgt Ion: 73 Resp: 611610

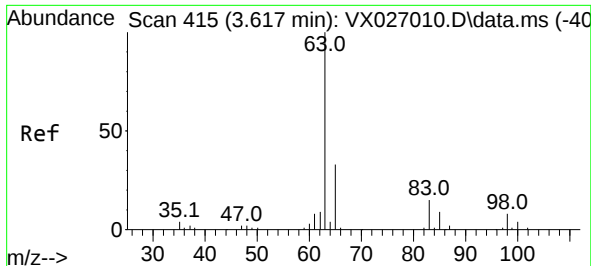
Ion Ratio Lower Upper

73 100

43 20.4 16.2 24.4

57 21.8 17.1 25.7





#19

1,1-Dichloroethane

Concen: 196.426 ug/L

RT: 3.617 min Scan# 415

Delta R.T. -0.000 min

Lab File: VX027012.D

Acq: 14 Feb 2022 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTD200664

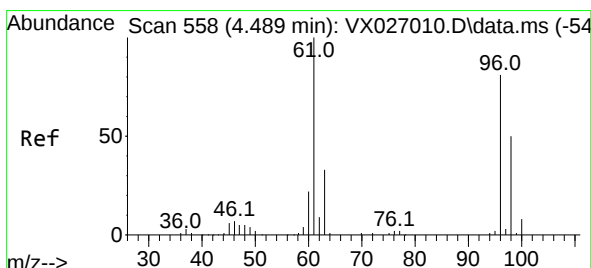
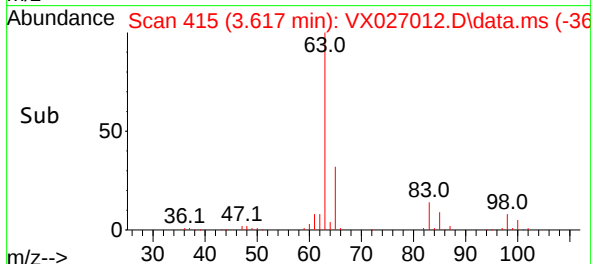
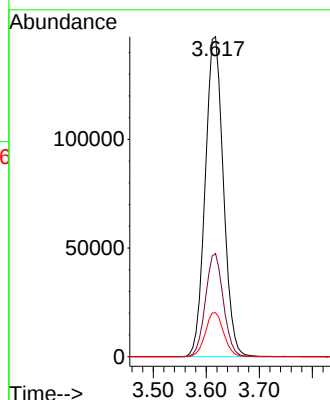
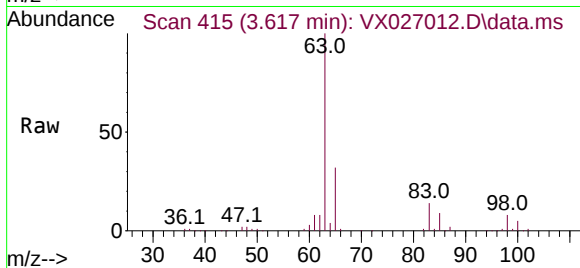
Tgt Ion: 63 Resp: 350241

Ion Ratio Lower Upper

63 100

65 32.3 22.9 42.5

83 13.7 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 197.449 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX027012.D

Acq: 14 Feb 2022 11:43

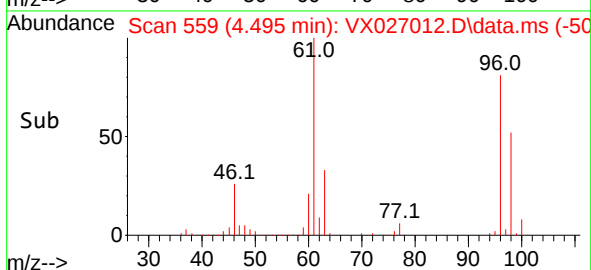
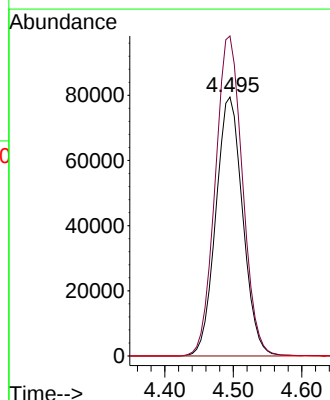
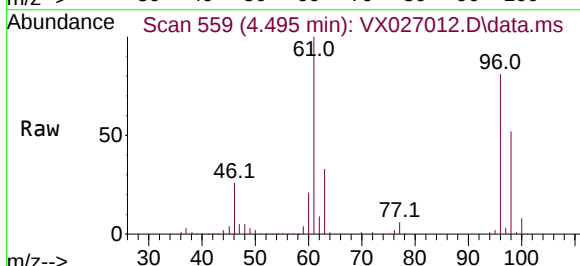
Tgt Ion: 96 Resp: 216600

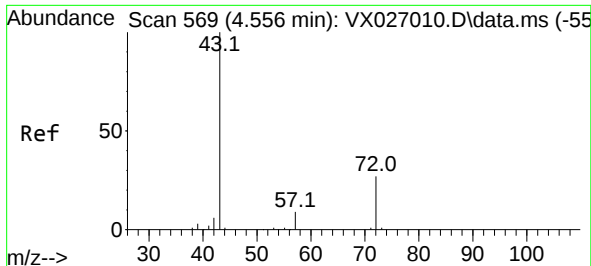
Ion Ratio Lower Upper

96 100

61 123.6 86.7 161.1

68 0.0 0.0 0.0

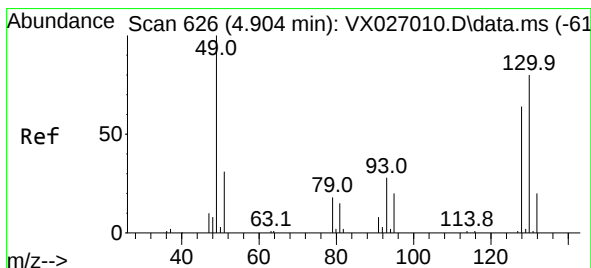
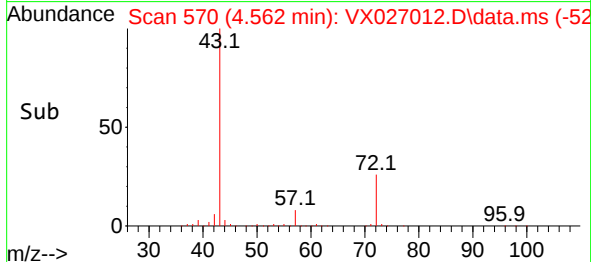
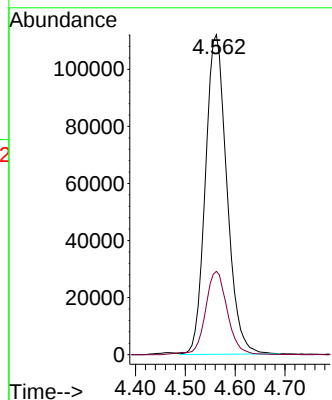
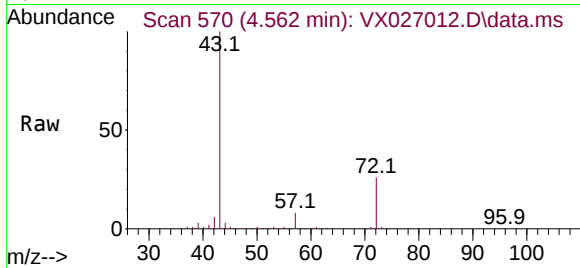




#22
2-Butanone
Concen: 372.831 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

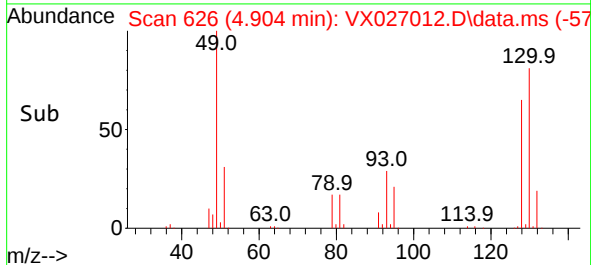
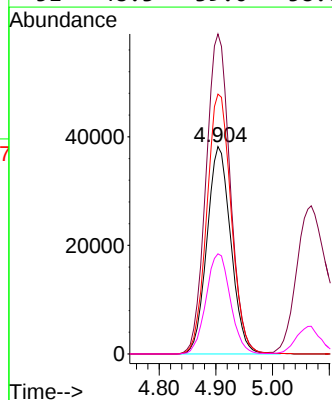
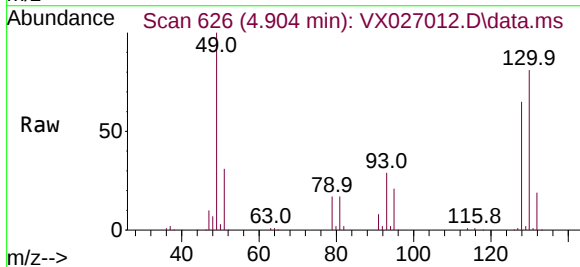
Instrument :
MSVOA_X
ClientSampleId :
VSTD200664

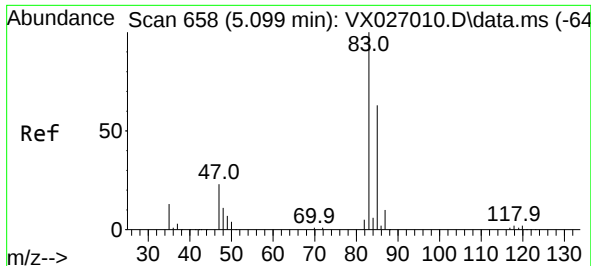
Tgt Ion: 43 Resp: 334598
Ion Ratio Lower Upper
43 100
72 26.1 13.2 39.5



#23
Bromochloromethane
Concen: 199.130 ug/L
RT: 4.904 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

Tgt Ion:128 Resp: 111550
Ion Ratio Lower Upper
128 100
49 154.4 110.2 204.6
130 125.4 88.2 163.8
51 48.3 39.0 58.6





#25

Chloroform

Concen: 192.887 ug/L

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX027012.D

Acq: 14 Feb 2022 11:43

Instrument :

MSVOA_X

ClientSampleId :

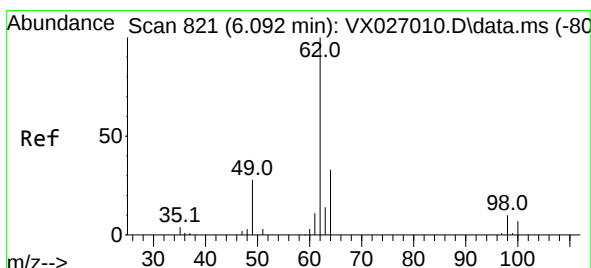
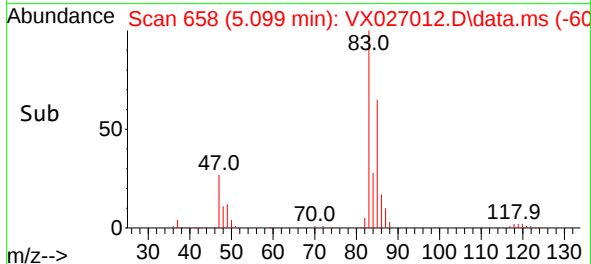
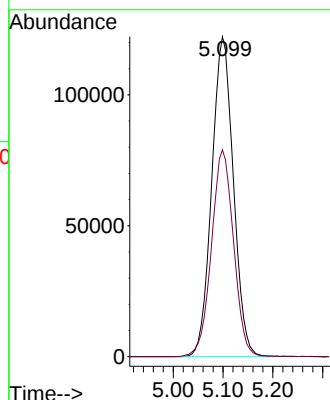
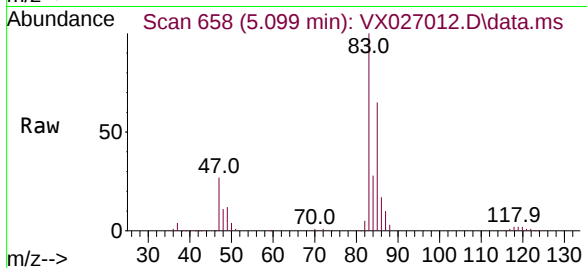
VSTD200664

Tgt Ion: 83 Resp: 367905

Ion Ratio Lower Upper

83 100

85 64.6 44.2 82.2



#27

1,2-Dichloroethane

Concen: 193.395 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX027012.D

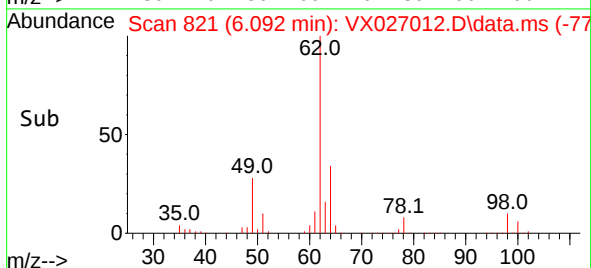
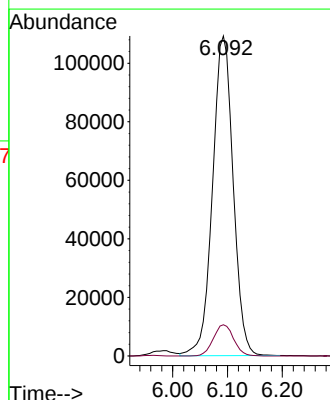
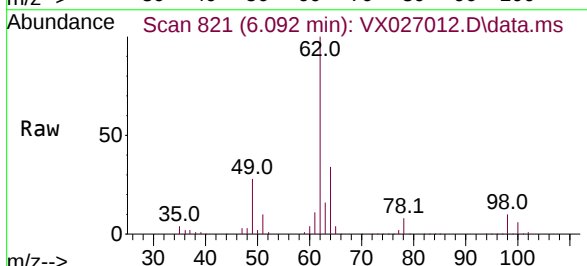
Acq: 14 Feb 2022 11:43

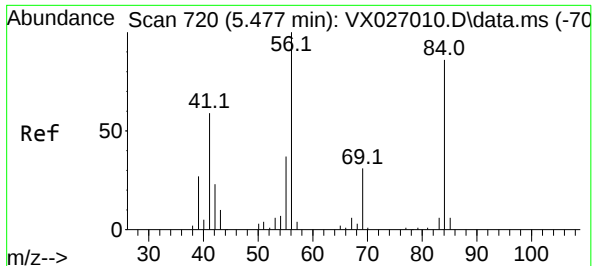
Tgt Ion: 62 Resp: 285316

Ion Ratio Lower Upper

62 100

98 9.8 8.2 12.2





#29

Cyclohexane

Concen: 194.023 ug/L

RT: 5.477 min Scan# 720

Delta R.T. -0.000 min

Lab File: VX027012.D

Acq: 14 Feb 2022 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTD200664

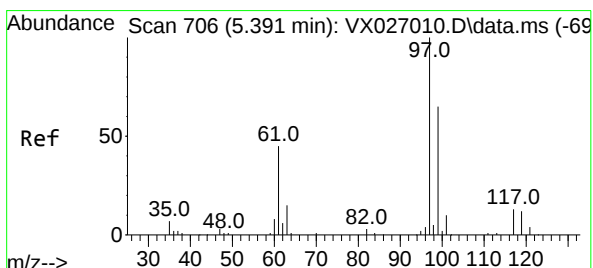
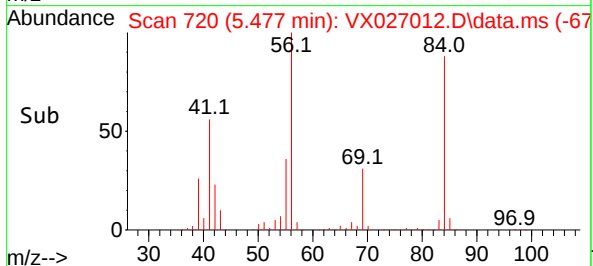
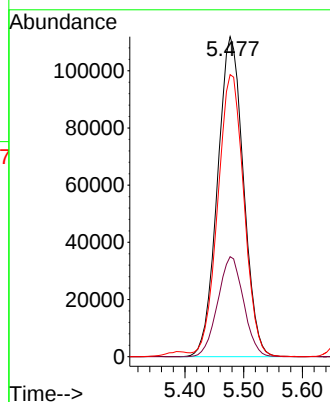
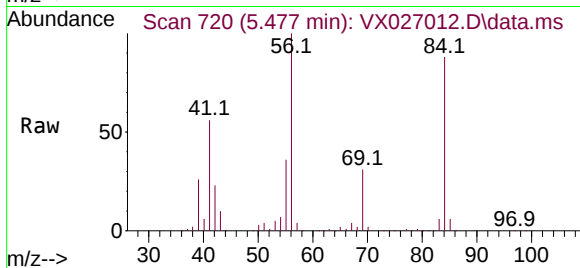
Tgt Ion: 56 Resp: 343532

Ion Ratio Lower Upper

56 100

69 31.0 24.6 36.8

84 88.9 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 197.419 ug/L

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX027012.D

Acq: 14 Feb 2022 11:43

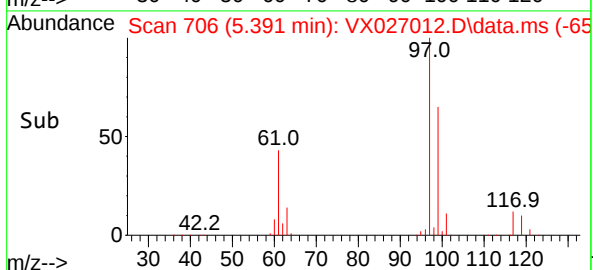
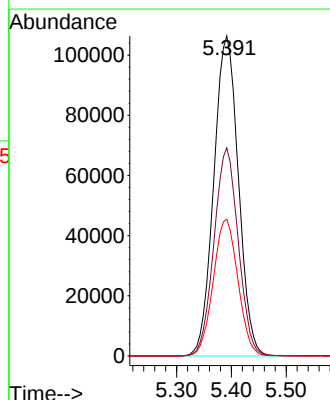
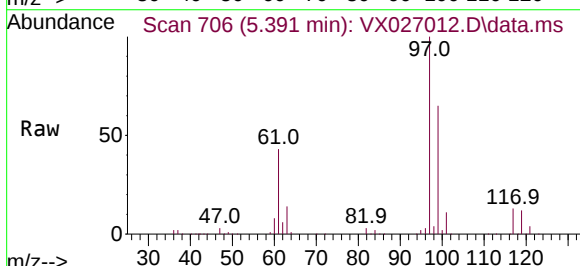
Tgt Ion: 97 Resp: 331772

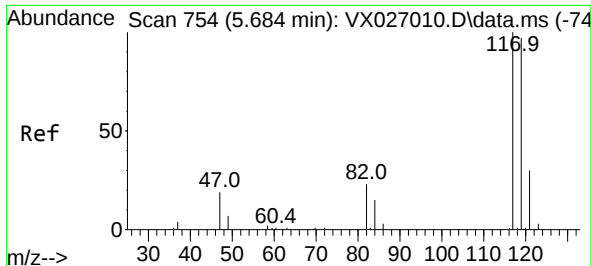
Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

61 43.0 35.2 52.8

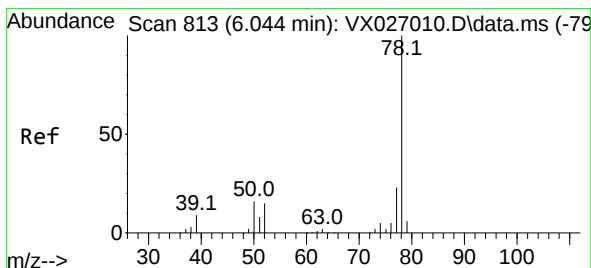
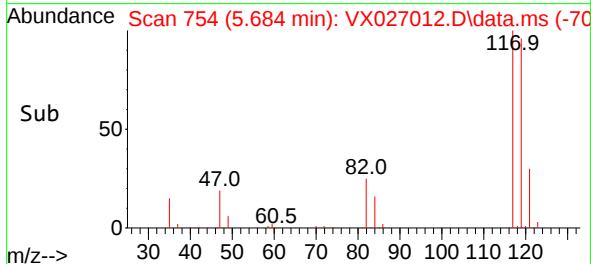
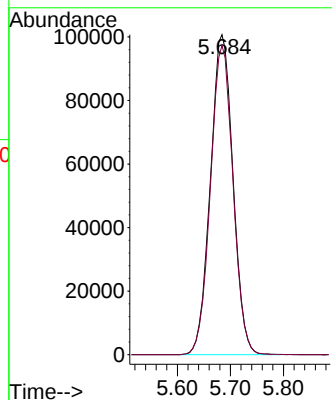
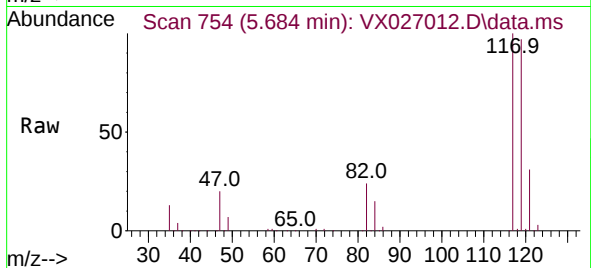




#31
Carbon tetrachloride
Concen: 200.064 ug/L
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

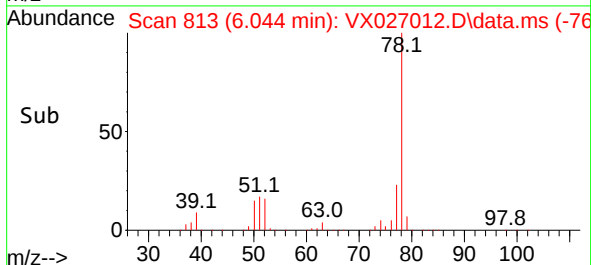
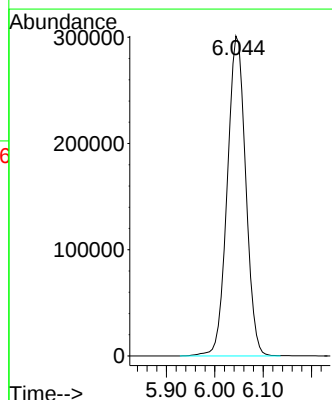
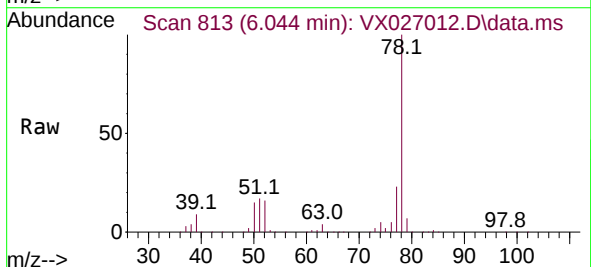
Instrument :
MSVOA_X
ClientSampleId :
VSTD200664

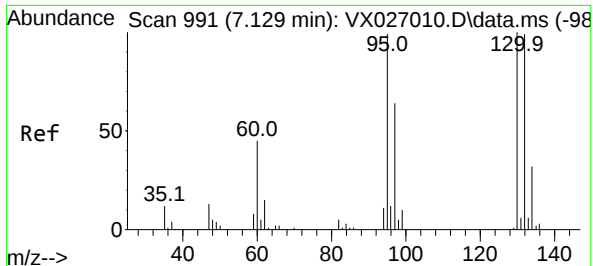
Tgt Ion:117 Resp: 298253
Ion Ratio Lower Upper
117 100
119 96.0 77.8 116.8



#33
Benzene
Concen: 191.492 ug/L
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

Tgt Ion: 78 Resp: 799062

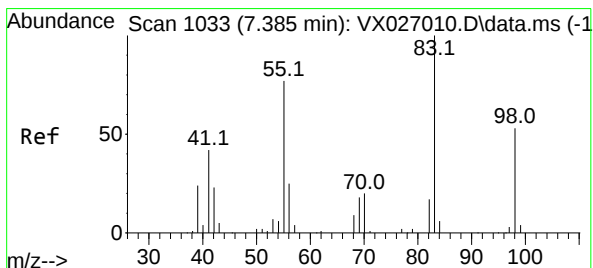
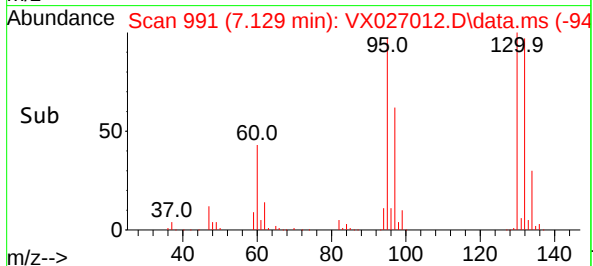
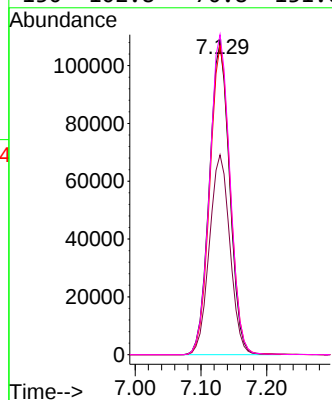
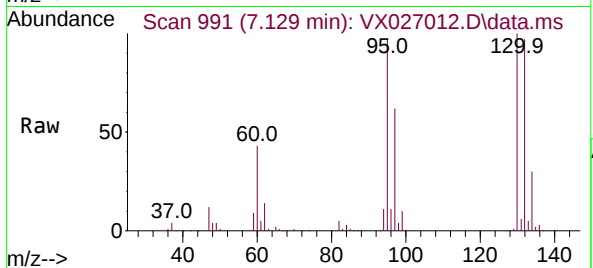




#34
Trichloroethene
Concen: 193.727 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

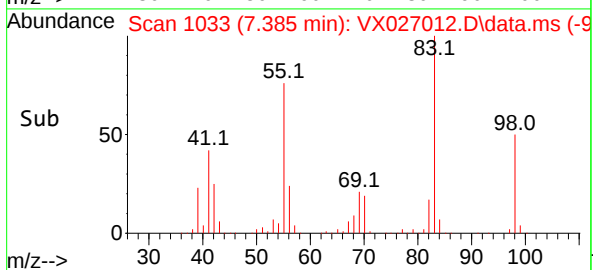
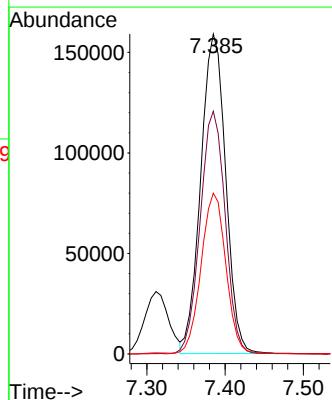
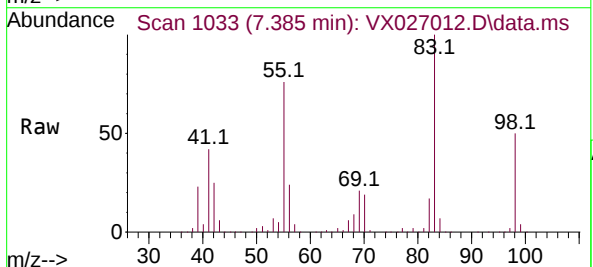
Instrument :
MSVOA_X
ClientSampleId :
VSTD200664

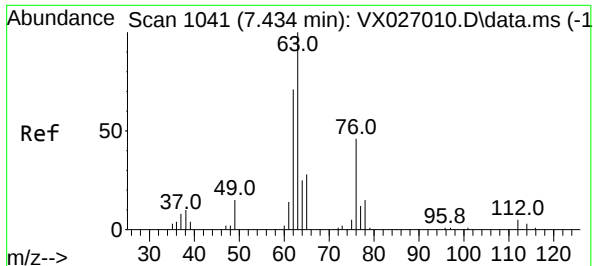
Tgt Ion: 95 Resp: 231238
Ion Ratio Lower Upper
95 100
97 64.2 45.5 84.5
132 99.4 69.9 129.7
130 102.8 70.8 131.6



#35
Methylcyclohexane
Concen: 195.128 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

Tgt Ion: 83 Resp: 351982
Ion Ratio Lower Upper
83 100
55 76.1 60.6 90.8
98 50.2 39.8 59.8





#37

1,2-Dichloropropane

Concen: 195.440 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX027012.D

Acq: 14 Feb 2022 11:43

Instrument :

MSVOA_X

ClientSampleId :

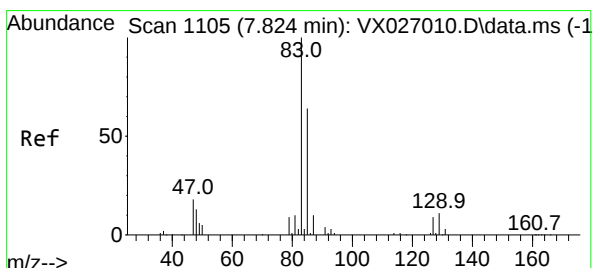
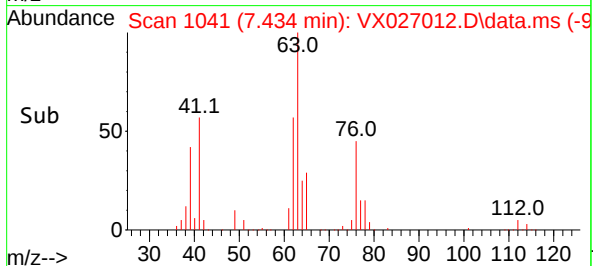
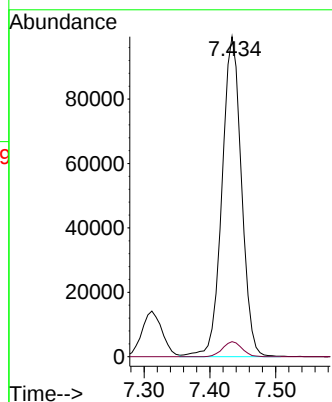
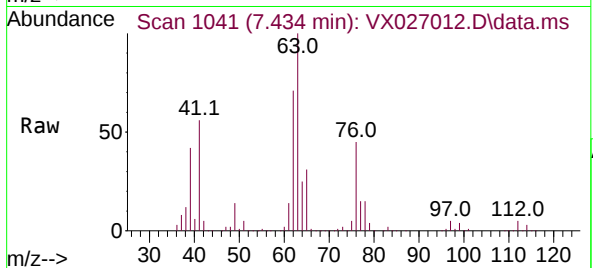
VSTD200664

Tgt Ion: 63 Resp: 205111

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 201.525 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX027012.D

Acq: 14 Feb 2022 11:43

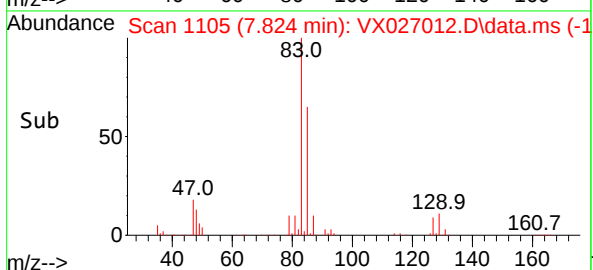
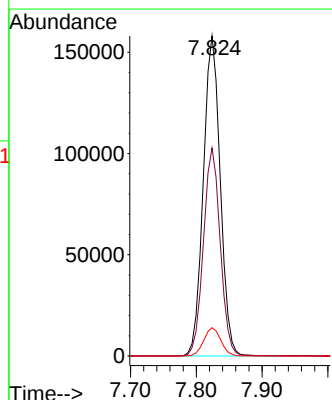
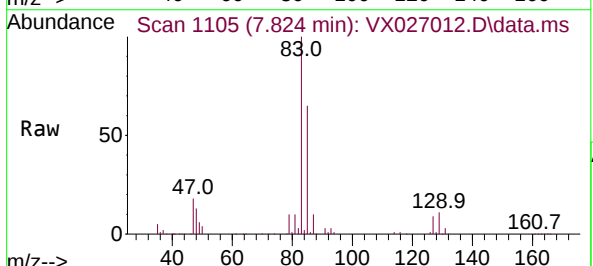
Tgt Ion: 83 Resp: 283897

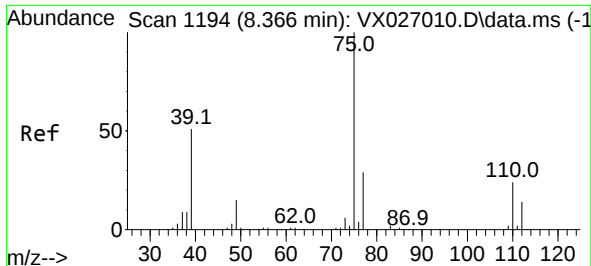
Ion Ratio Lower Upper

83 100

85 65.0 44.7 83.1

127 8.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 213.149 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX027012.D

Acq: 14 Feb 2022 11:43

Instrument :

MSVOA_X

ClientSampleId :

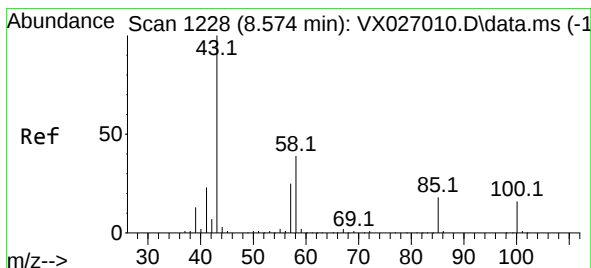
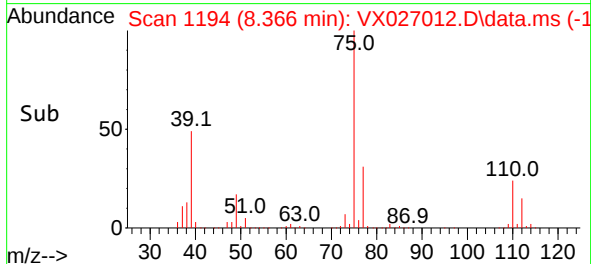
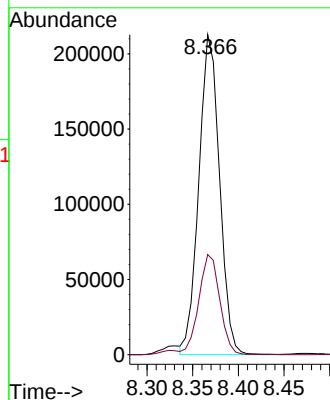
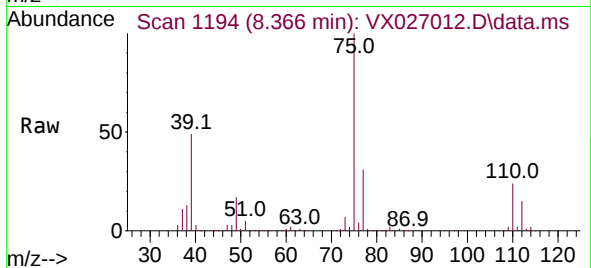
VSTD200664

Tgt Ion: 75 Resp: 335261

Ion Ratio Lower Upper

75 100

77 31.3 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 377.548 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX027012.D

Acq: 14 Feb 2022 11:43

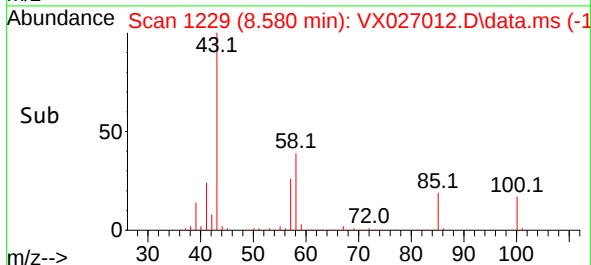
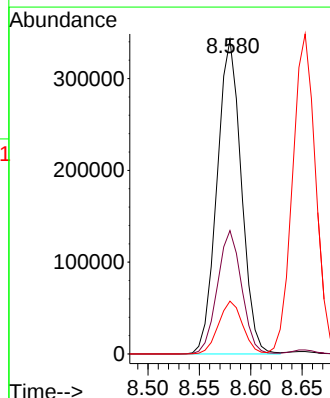
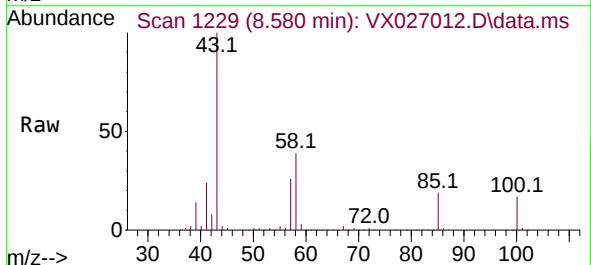
Tgt Ion: 43 Resp: 563232

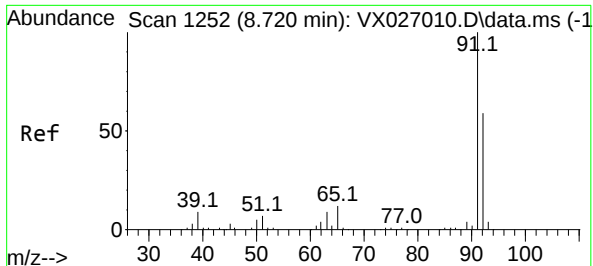
Ion Ratio Lower Upper

43 100

58 39.1 31.0 46.6

100 16.8 13.0 19.4

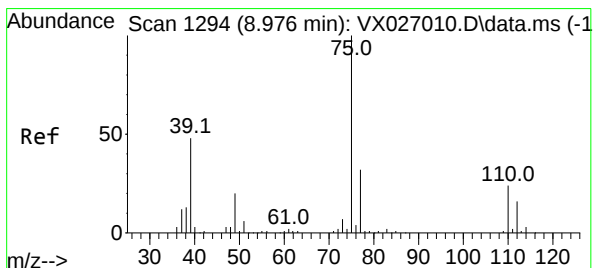
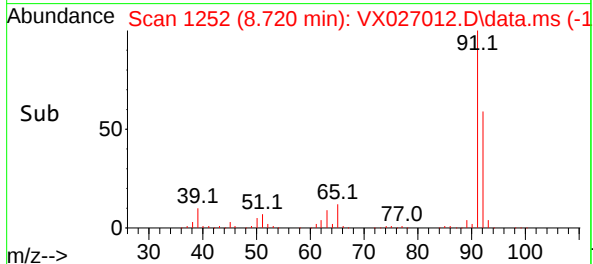
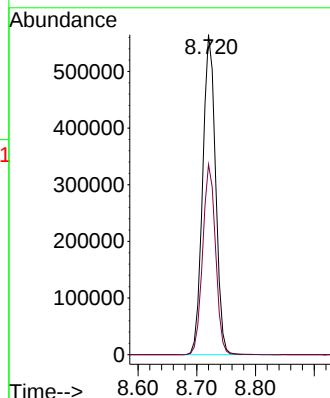
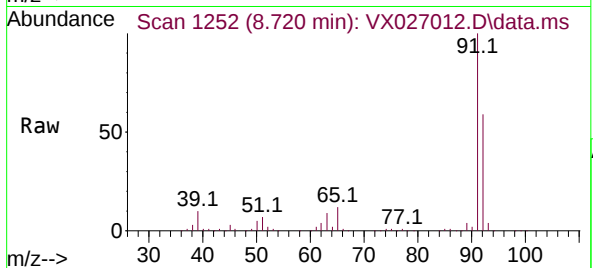




#42
Toluene
Concen: 192.673 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

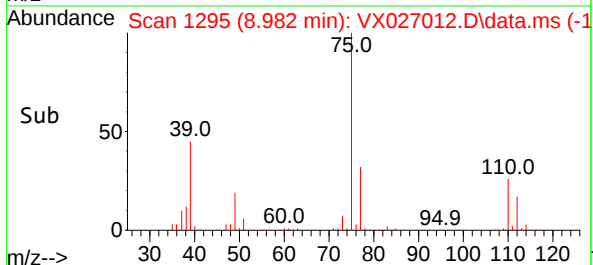
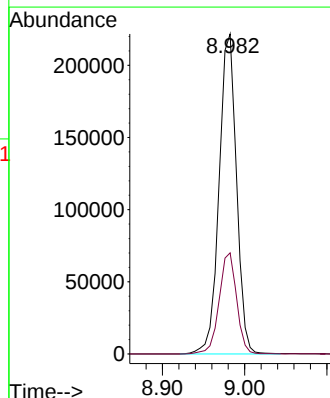
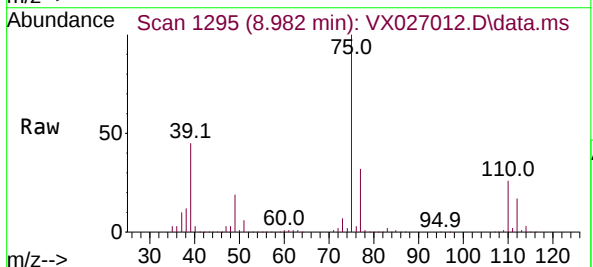
Instrument :
MSVOA_X
ClientSampleId :
VSTD200664

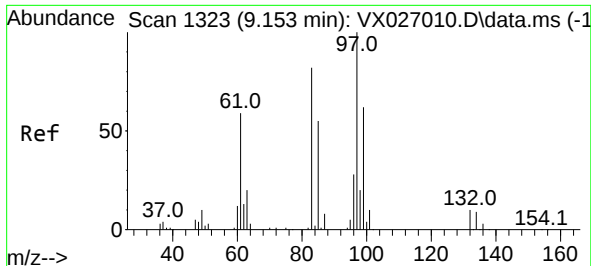
Tgt Ion: 91 Resp: 863220
Ion Ratio Lower Upper
91 100
92 59.5 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 220.843 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

Tgt Ion: 75 Resp: 326458
Ion Ratio Lower Upper
75 100
77 31.6 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 194.498 ug/L

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX027012.D

Acq: 14 Feb 2022 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTD200664

Tgt Ion: 97 Resp: 199584

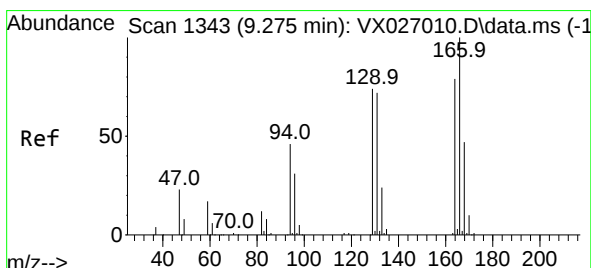
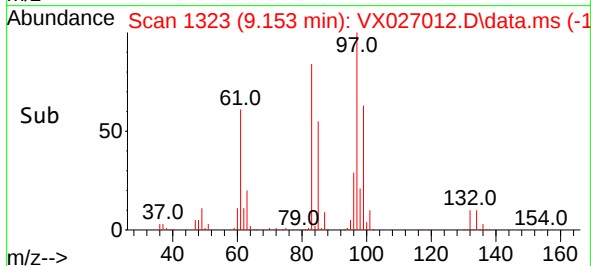
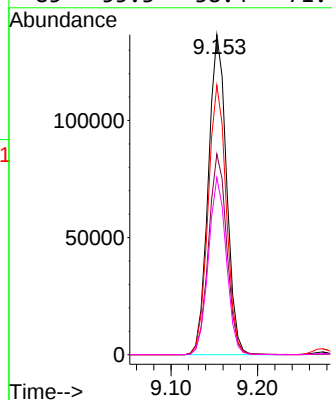
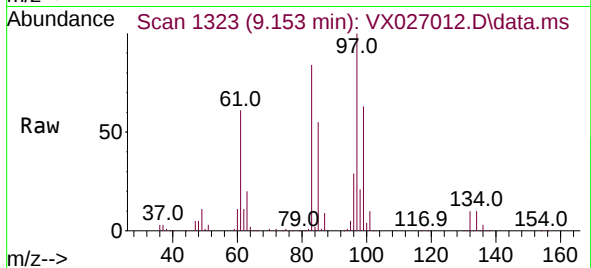
Ion Ratio Lower Upper

97 100

99 62.7 43.3 80.5

83 84.2 57.5 106.9

85 55.3 38.4 71.4



#46

Tetrachloroethene

Concen: 193.551 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX027012.D

Acq: 14 Feb 2022 11:43

Tgt Ion:164 Resp: 171056

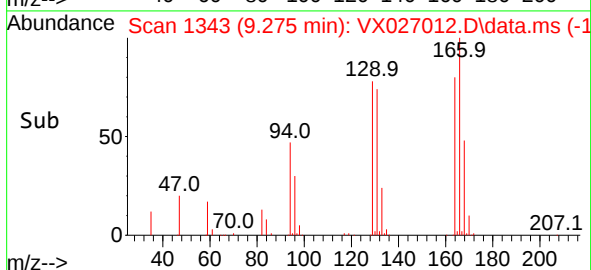
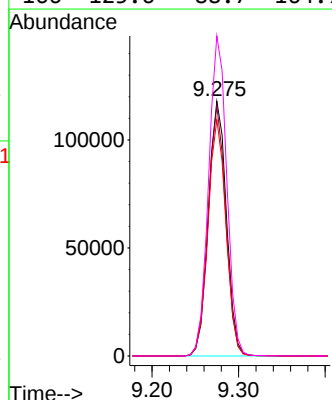
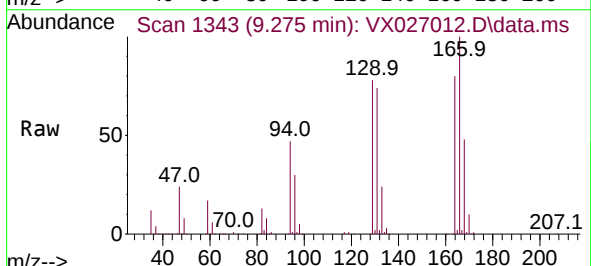
Ion Ratio Lower Upper

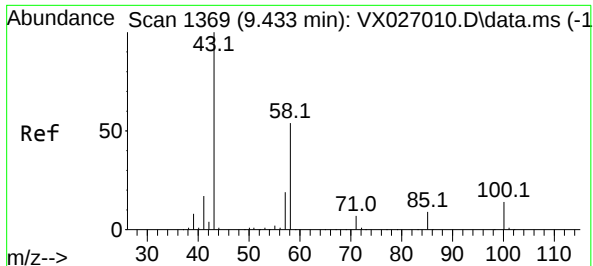
164 100

129 98.1 65.5 121.7

131 92.8 64.3 119.3

166 125.6 88.7 164.7

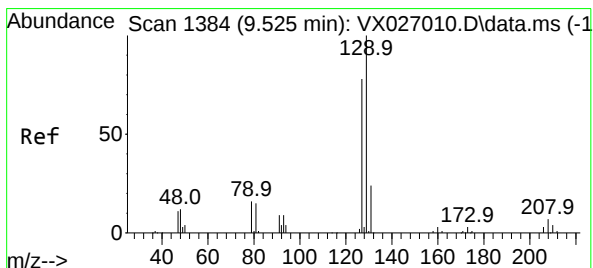
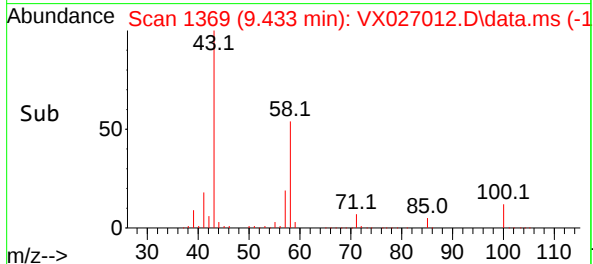
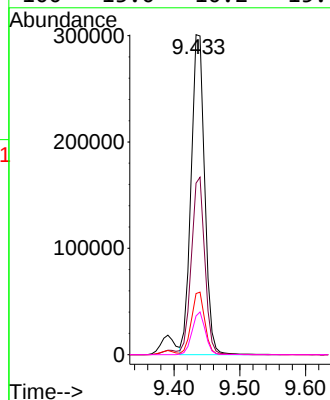
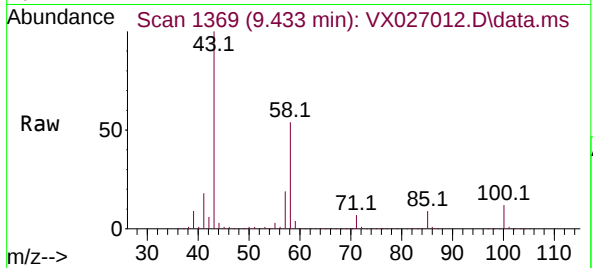




#48
2-Hexanone
Concen: 357.505 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

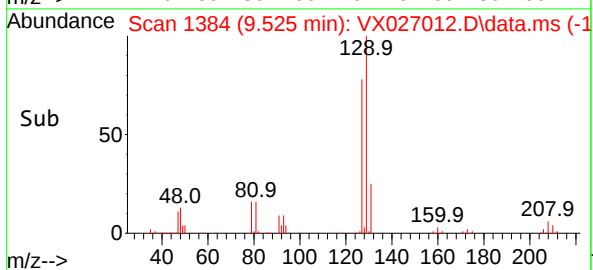
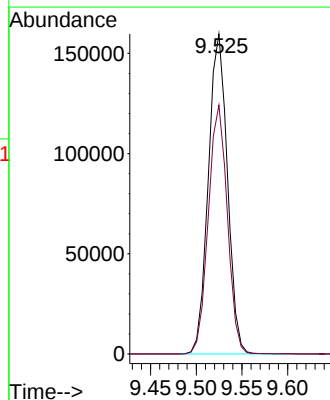
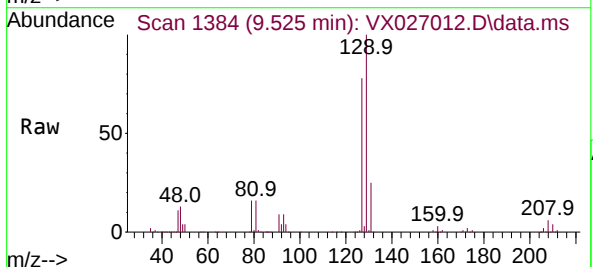
Instrument :
MSVOA_X
ClientSampleId :
VSTD200664

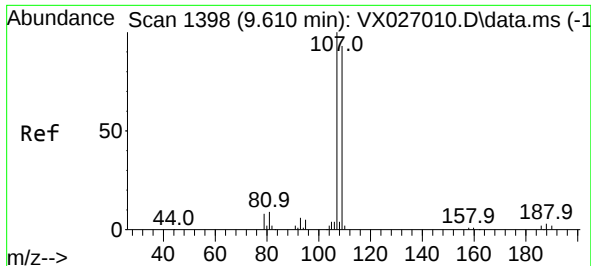
Tgt Ion:	43	Resp:	431787
Ion	Ratio	Lower	Upper
43	100		
58	55.0	42.9	64.3
57	19.4	15.3	22.9
100	13.0	10.2	15.4



#49
Dibromochloromethane
Concen: 205.341 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

Tgt Ion:	129	Resp:	231081
Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.3	100.9





#50

1,2-Dibromoethane

Concen: 200.755 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX027012.D

Acq: 14 Feb 2022 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTD200664

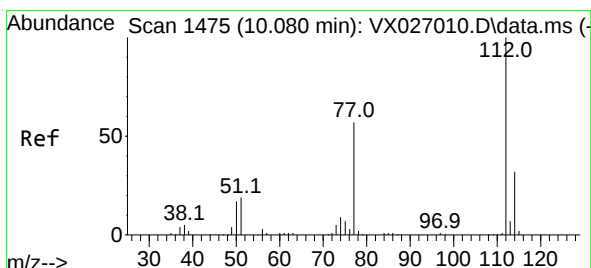
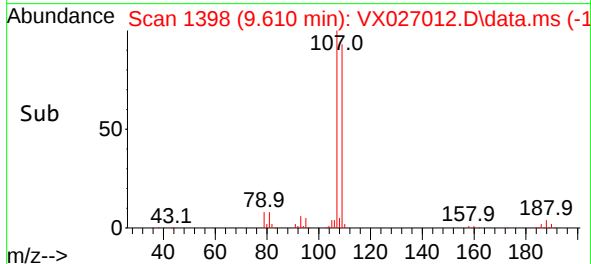
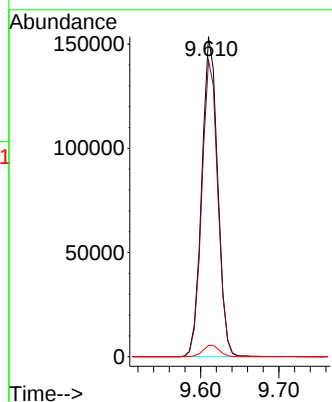
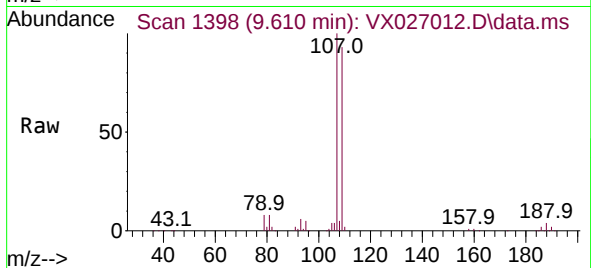
Tgt Ion:107 Resp: 216263

Ion Ratio Lower Upper

107 100

109 92.6 64.9 120.5

188 3.5 2.7 4.1



#51

Chlorobenzene

Concen: 193.901 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX027012.D

Acq: 14 Feb 2022 11:43

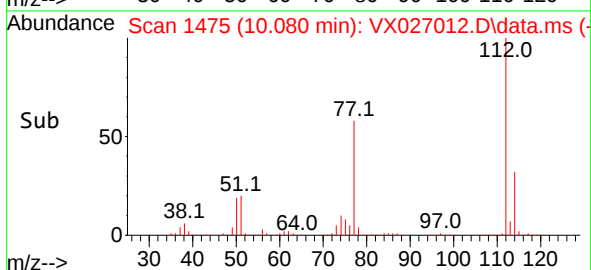
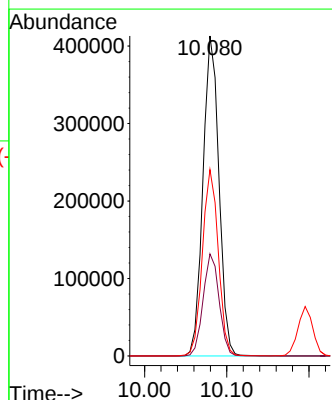
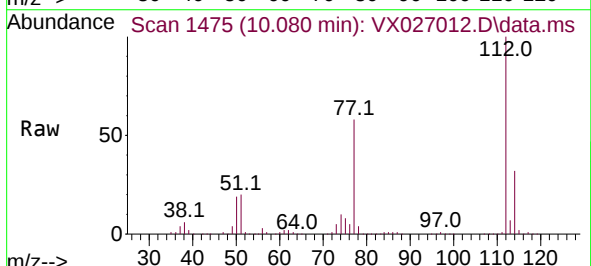
Tgt Ion:112 Resp: 556288

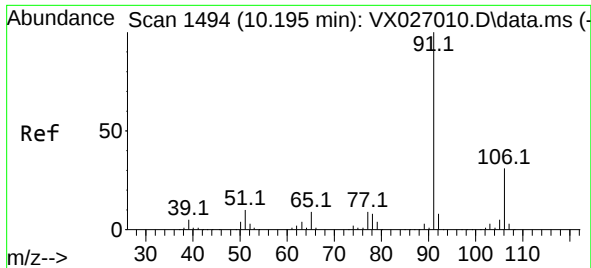
Ion Ratio Lower Upper

112 100

114 31.9 22.2 41.2

77 58.2 45.9 68.9

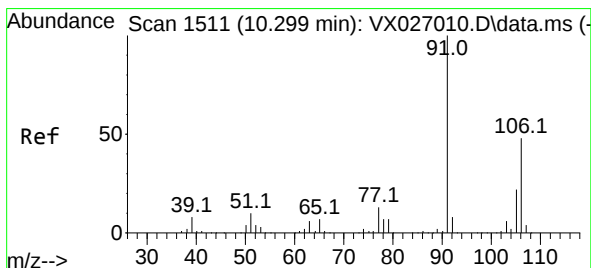
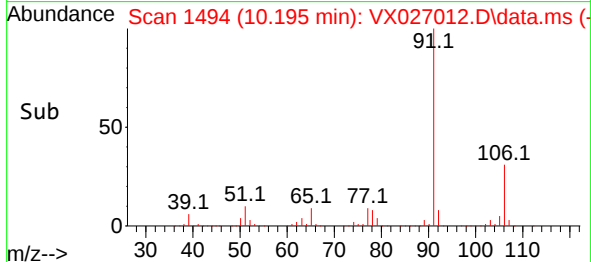
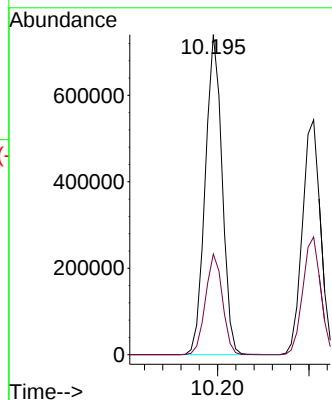
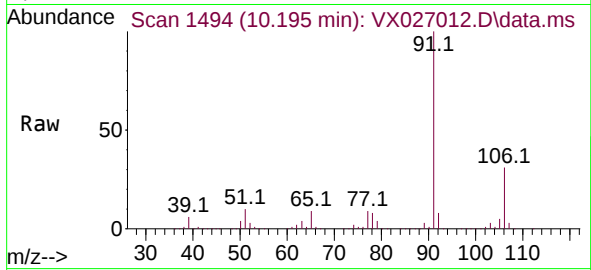




#52
Ethylbenzene
Concen: 196.039 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

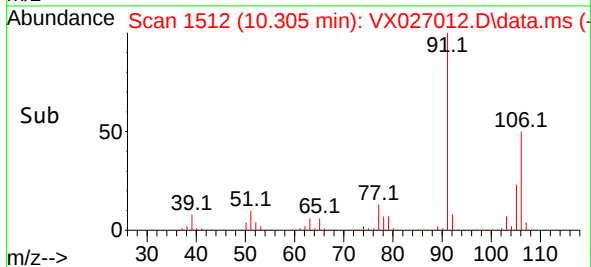
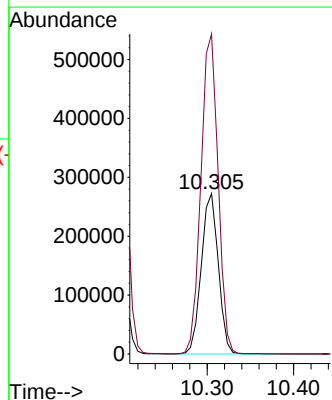
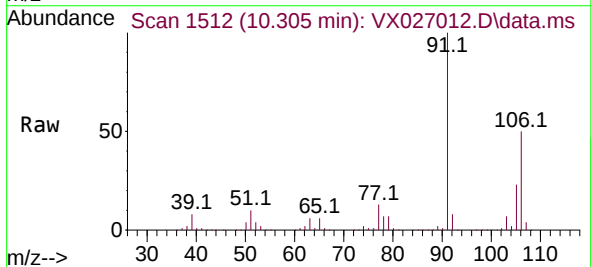
Instrument :
MSVOA_X
ClientSampleId :
VSTD200664

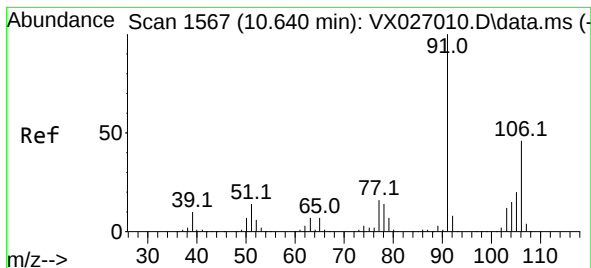
Tgt Ion: 91 Resp: 944763
Ion Ratio Lower Upper
91 100
106 31.5 21.7 40.3



#53
m,p-Xylene
Concen: 195.069 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

Tgt Ion:106 Resp: 370624
Ion Ratio Lower Upper
106 100
91 199.4 145.7 270.5





#54

o-Xylene

Concen: 192.355 ug/L

RT: 10.647 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX027012.D

Acq: 14 Feb 2022 11:43

Instrument :

MSVOA_X

ClientSampleId :

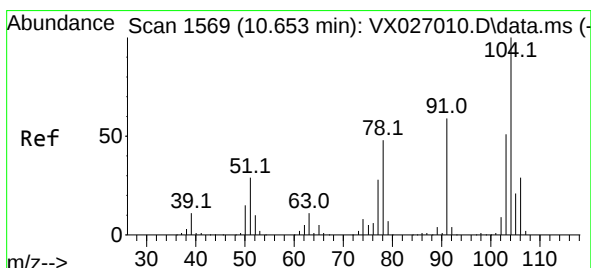
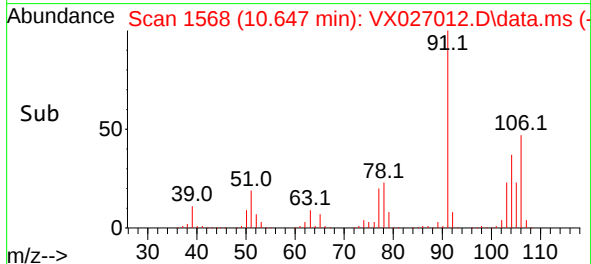
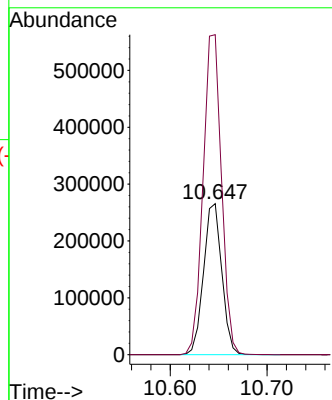
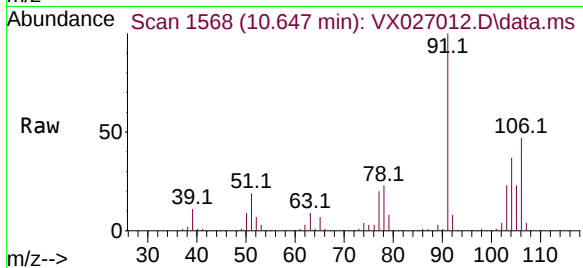
VSTD200664

Tgt Ion:106 Resp: 349600

Ion Ratio Lower Upper

106 100

91 211.8 151.2 280.8



#55

Styrene

Concen: 192.625 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX027012.D

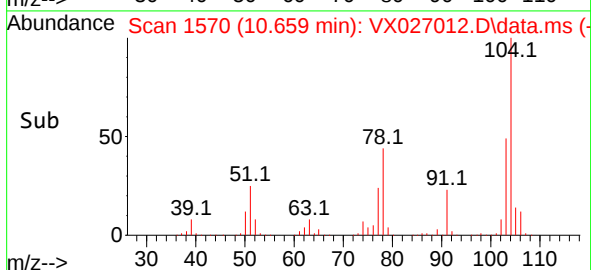
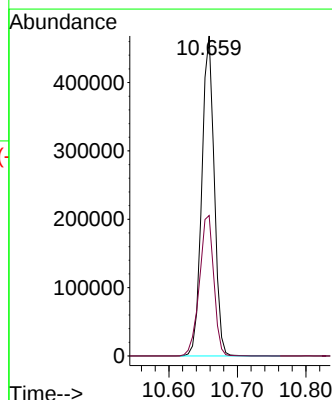
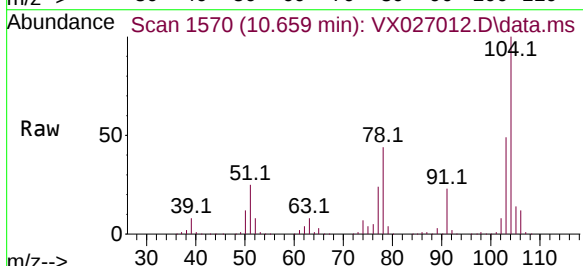
Acq: 14 Feb 2022 11:43

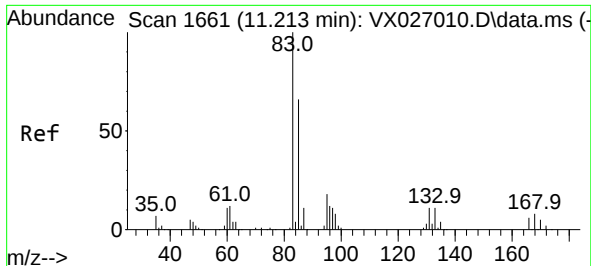
Tgt Ion:104 Resp: 592899

Ion Ratio Lower Upper

104 100

78 43.9 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 181.248 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027012.D

Acq: 14 Feb 2022 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTD200664

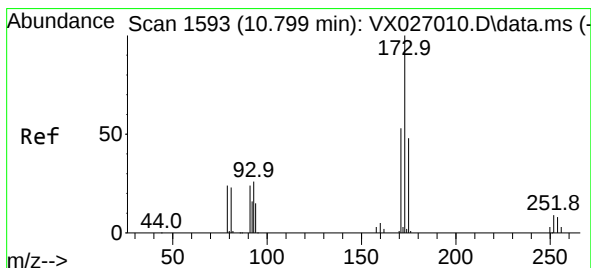
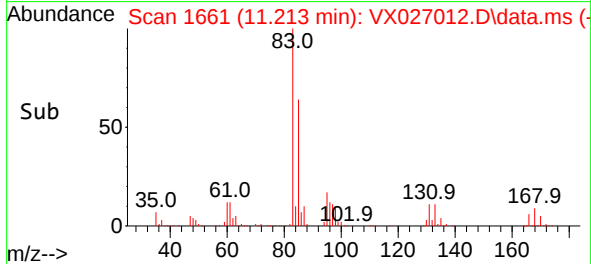
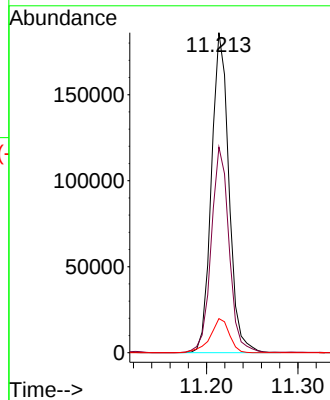
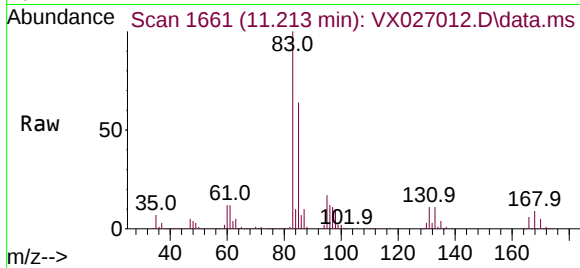
Tgt Ion: 83 Resp: 246277

Ion Ratio Lower Upper

83 100

85 64.3 45.8 85.2

131 10.6 8.5 12.7



#59

Bromoform

Concen: 208.667 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX027012.D

Acq: 14 Feb 2022 11:43

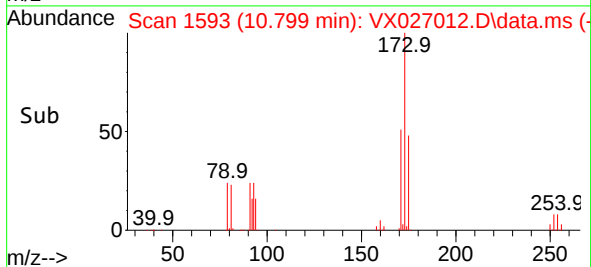
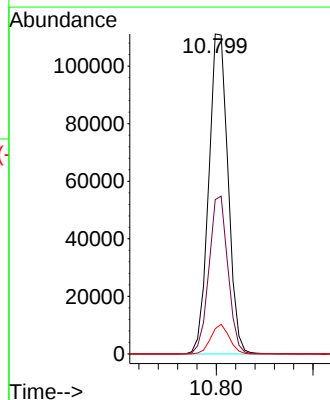
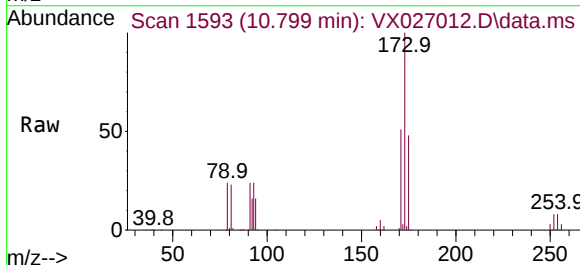
Tgt Ion:173 Resp: 153835

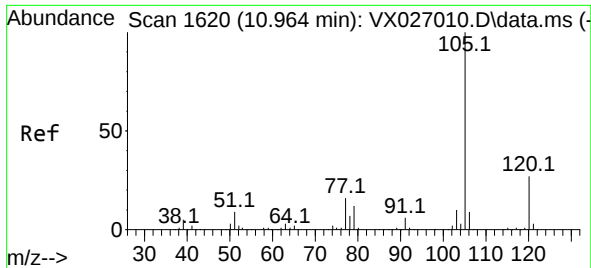
Ion Ratio Lower Upper

173 100

175 48.4 38.9 58.3

254 8.8 7.0 10.6

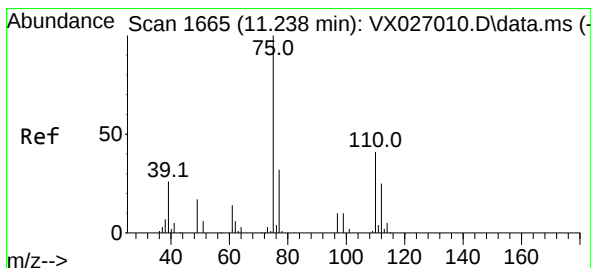
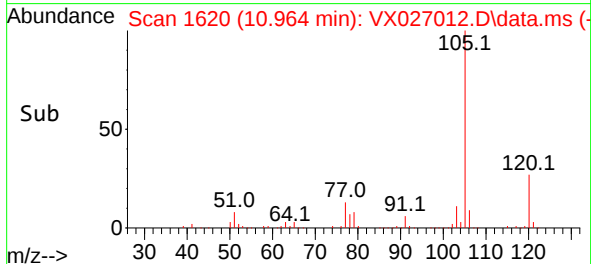
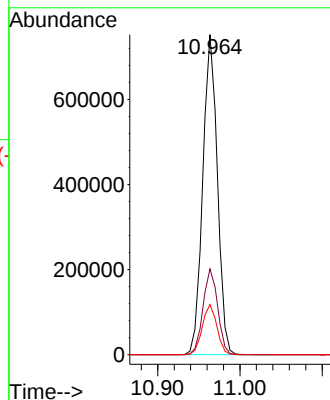
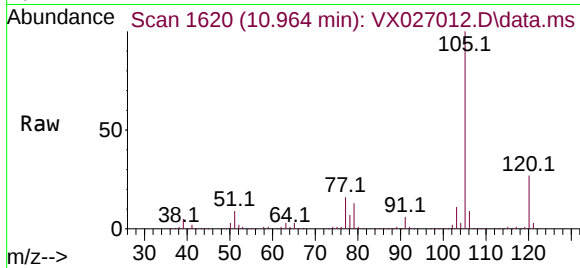




#60
Isopropylbenzene
Concen: 199.483 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

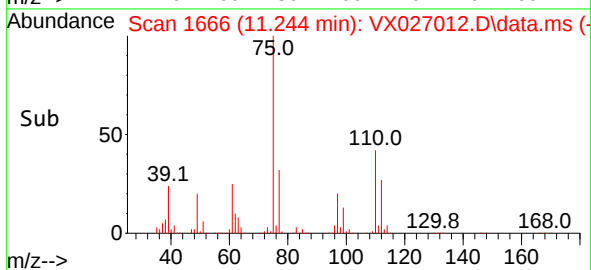
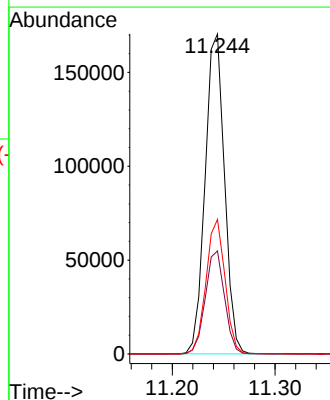
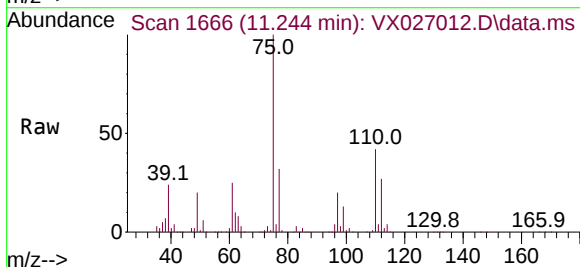
Instrument :
MSVOA_X
ClientSampleId :
VSTD200664

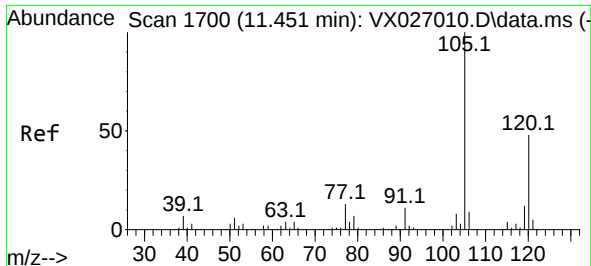
Tgt Ion:105 Resp: 925974
Ion Ratio Lower Upper
105 100
120 26.9 21.2 31.8
77 15.7 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 183.648 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

Tgt Ion: 75 Resp: 223795
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6
110 41.2 33.4 50.0

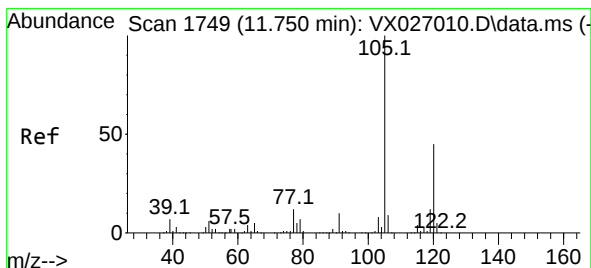
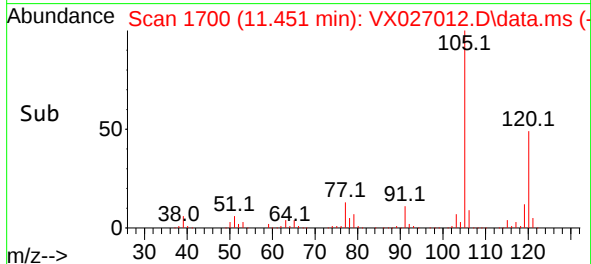
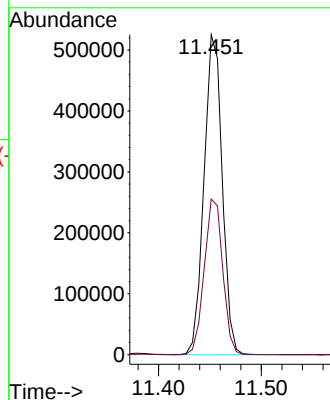
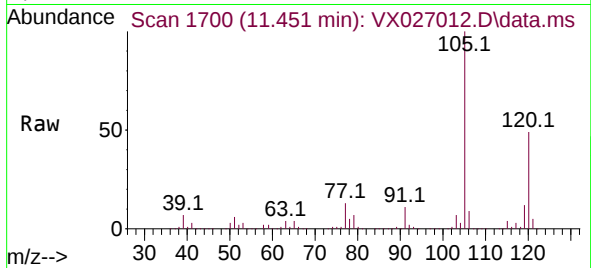




#62
1,3,5-Trimethylbenzene
Concen: 202.286 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

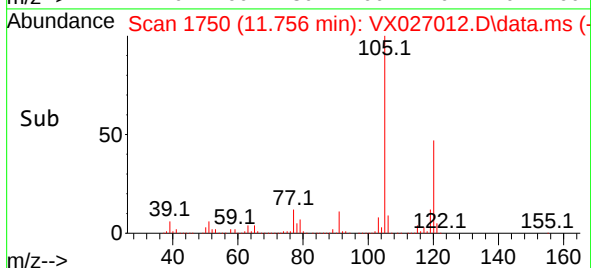
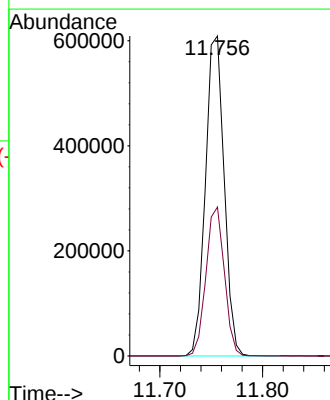
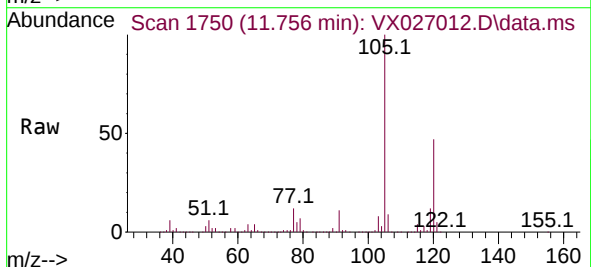
Instrument :
MSVOA_X
ClientSampleId :
VSTD200664

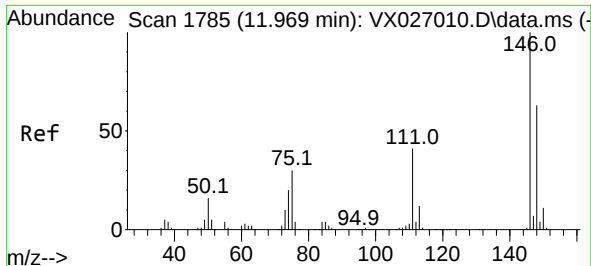
Tgt Ion:105 Resp: 647663
Ion Ratio Lower Upper
105 100
120 49.5 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 198.664 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

Tgt Ion:105 Resp: 772487
Ion Ratio Lower Upper
105 100
120 45.8 36.1 54.1

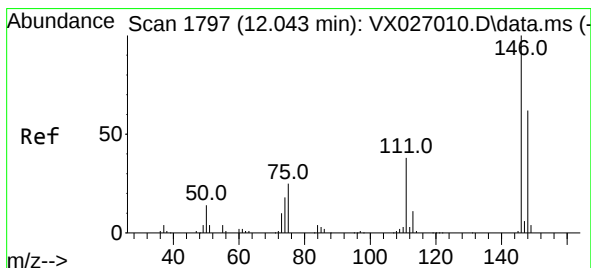
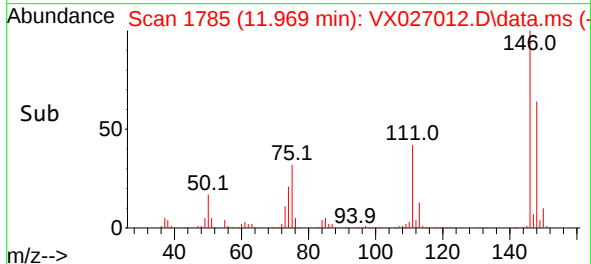
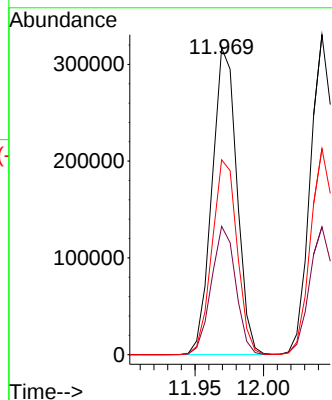
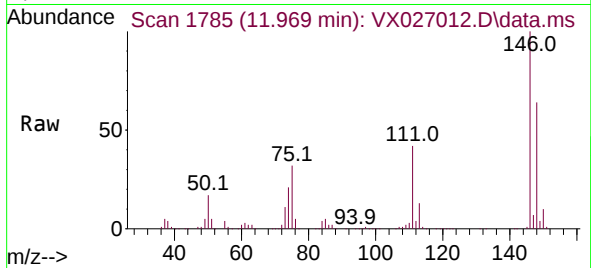




#64
1,3-Dichlorobenzene
Concen: 193.774 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

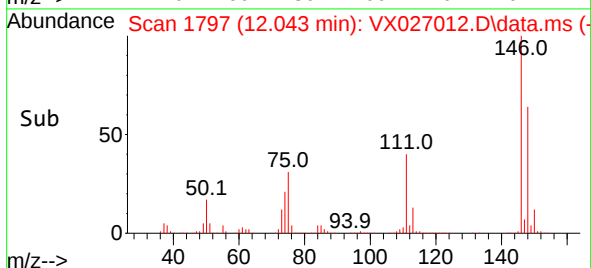
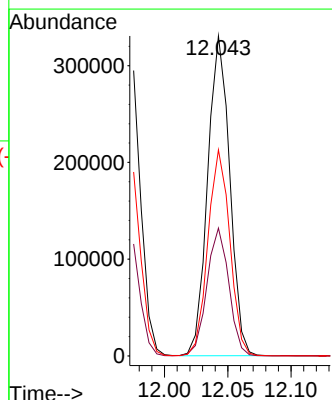
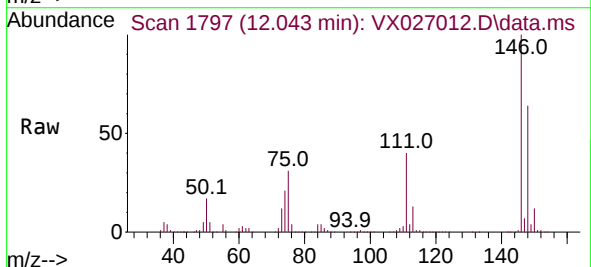
Instrument :
MSVOA_X
ClientSampleId :
VSTD200664

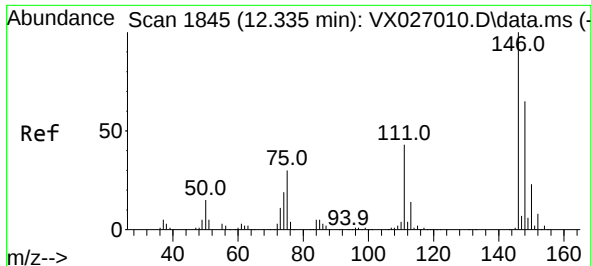
Tgt Ion:146 Resp: 400120
Ion Ratio Lower Upper
146 100
111 41.8 28.3 52.7
148 63.5 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 192.912 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

Tgt Ion:146 Resp: 400857
Ion Ratio Lower Upper
146 100
111 40.0 26.5 49.3
148 64.4 43.5 80.7

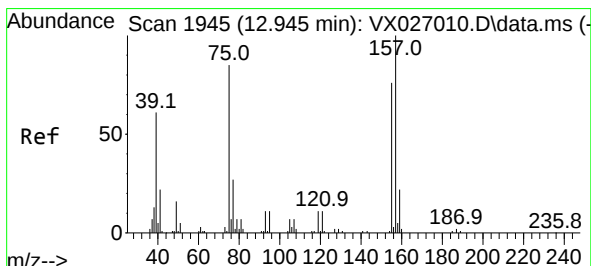
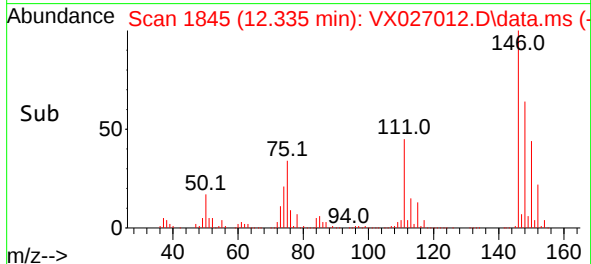
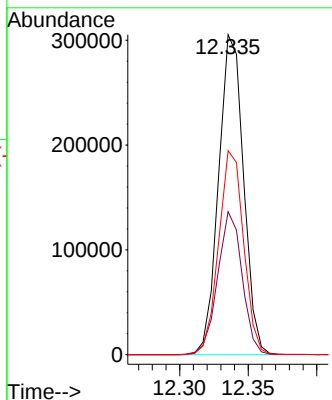
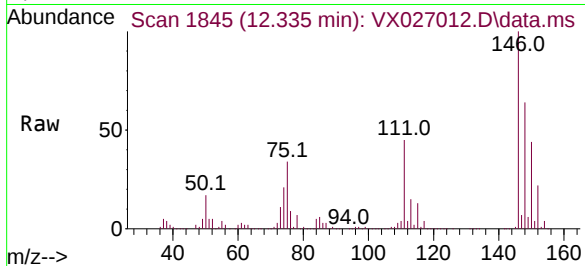




#67
1,2-Dichlorobenzene
Concen: 193.437 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

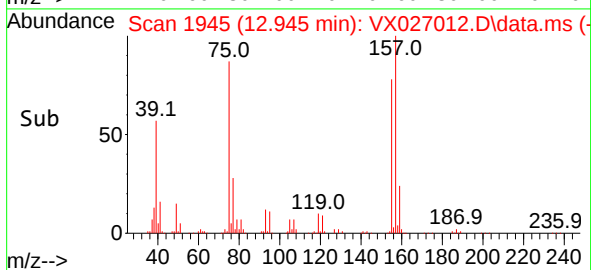
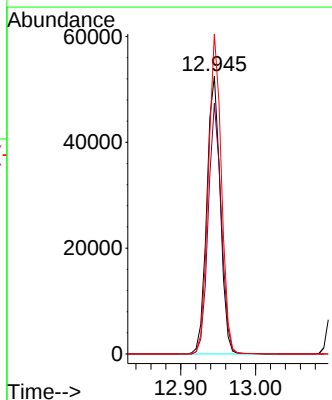
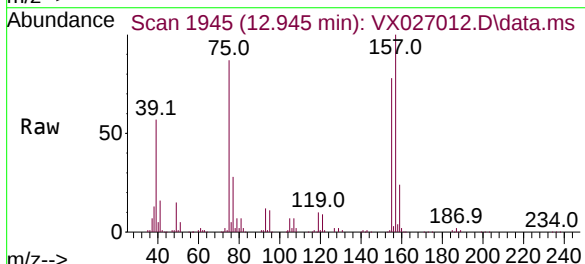
Instrument :
MSVOA_X
ClientSampleId :
VSTD200664

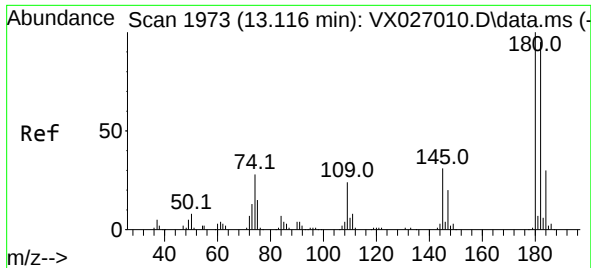
Tgt Ion:146 Resp: 386174
Ion Ratio Lower Upper
146 100
111 44.7 34.5 51.7
148 63.8 51.9 77.9



#68
1,2-Dibromo-3-chloropropane
Concen: 221.105 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

Tgt Ion: 75 Resp: 65429
Ion Ratio Lower Upper
75 100
155 90.2 71.6 107.4
157 115.2 93.8 140.6



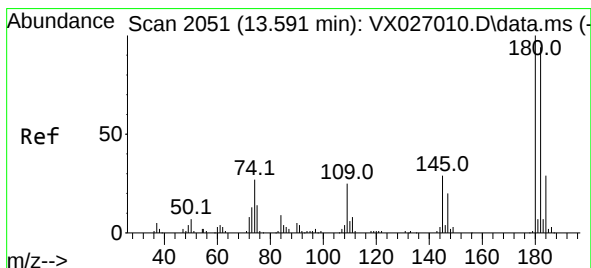
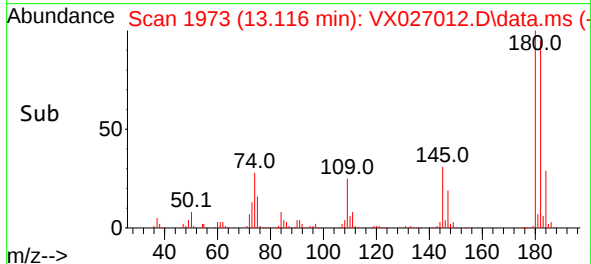
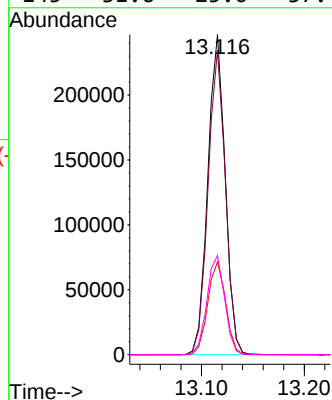
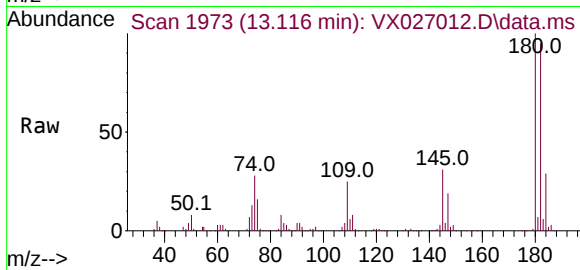


#69
 1,3,5-Trichlorobenzene
 Concen: 204.168 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX027012.D
 Acq: 14 Feb 2022 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200664

Tgt Ion:180 Resp: 289711

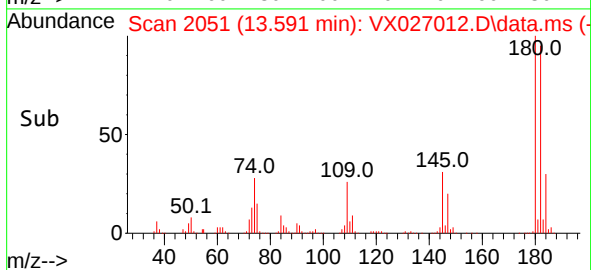
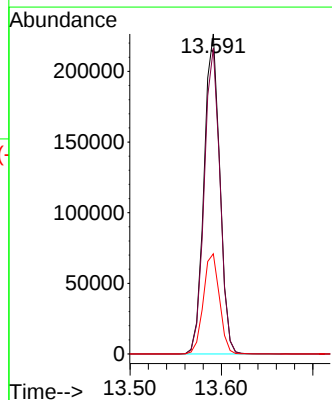
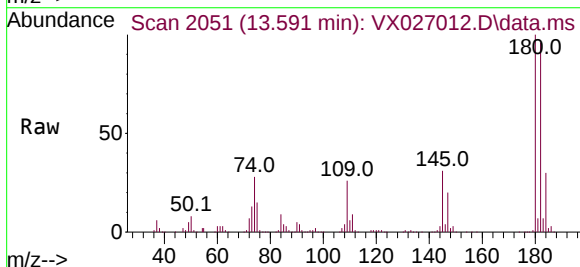
Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.6	113.4
184	29.8	23.6	35.4
145	31.6	25.0	37.4

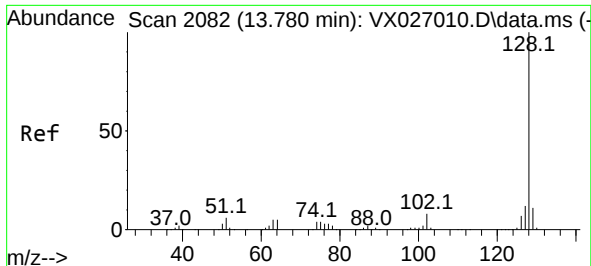


#70
 1,2,4-trichlorobenzene
 Concen: 215.950 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX027012.D
 Acq: 14 Feb 2022 11:43

Tgt Ion:180 Resp: 270536

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.4	113.2
145	32.0	25.0	37.4

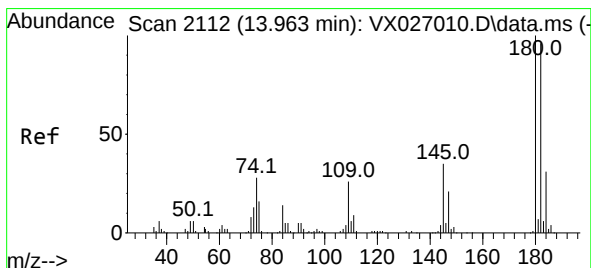
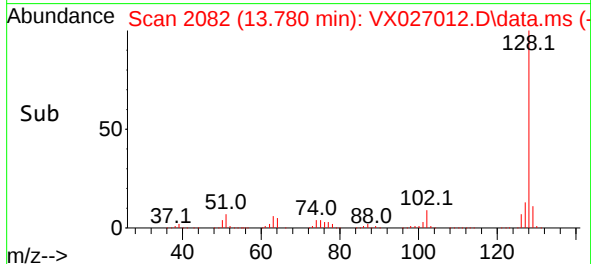
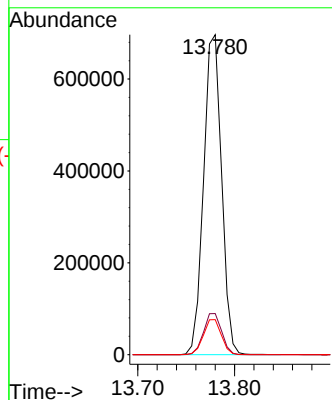
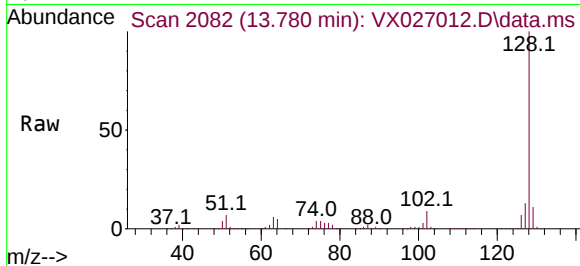




#71
Naphthalene
Concen: 216.442 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTD200664

Tgt Ion:128 Resp: 902839
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 210.287 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX027012.D
Acq: 14 Feb 2022 11:43

Tgt Ion:180 Resp: 263404
Ion Ratio Lower Upper
180 100
182 94.7 77.0 115.4
145 34.1 27.4 41.0

