

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029404.D
 Acq On : 13 Jun 2022 11:03
 Operator : JC/MD
 Sample : VSTD05068
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050668

Quant Time: Jun 13 12:10:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 12:07:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	376014	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	348493	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	182149	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	153026	46.609	ug/L	0.00
7) Chloroethane-d5	1.666	69	100474	48.309	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	63	275215	44.092	ug/L	0.00
21) 2-Butanone-d5	4.465	46	237285	102.960	ug/L	0.00
24) Chloroform-d	5.062	84	293945	47.585	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	187755	46.927	ug/L	0.00
32) Benzene-d6	5.977	84	568119	46.318	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	167975	46.072	ug/L	0.00
41) Toluene-d8	8.653	98	526140	46.848	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	82898	49.256	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	189678	115.643	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	254202	56.283	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	202575	49.247	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	189099	46.177	ug/L	99
3) Chloromethane	1.288	50	174220	52.497	ug/L	99
5) Vinyl chloride	1.374	62	171800	51.614	ug/L	99
6) Bromomethane	1.612	94	80671	55.728	ug/L	99
8) Chloroethane	1.685	64	98321	54.014	ug/L	94
9) Trichlorofluoromethane	1.886	101	251208	53.604	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	142675	48.563	ug/L	98
12) 1,1-Dichloroethene	2.319	96	133185	49.233	ug/L	86
13) Acetone	2.386	43	144884	76.050	ug/L	97
14) Carbon disulfide	2.514	76	368799	46.569	ug/L	99
15) Methyl Acetate	2.709	43	154375	49.900	ug/L	93
16) Methylene chloride	2.788	84	147626	49.713	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	142325	49.650	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	485135	54.002	ug/L	97
19) 1,1-Dichloroethane	3.611	63	256864	50.078	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	161510	51.030	ug/L	100
22) 2-Butanone	4.562	43	235123	92.976	ug/L	95
23) Bromochloromethane	4.904	128	80868	50.230	ug/L	94
25) Chloroform	5.099	83	283222	51.357	ug/L	98
27) 1,2-Dichloroethane	6.092	62	218511	51.138	ug/L	99
29) Cyclohexane	5.471	56	241246	49.266	ug/L	94
30) 1,1,1-Trichloroethane	5.385	97	253747	53.388	ug/L	98
31) Carbon tetrachloride	5.678	117	205223	49.533	ug/L	98
33) Benzene	6.038	78	601037	51.487	ug/L	100
34) Trichloroethene	7.123	95	181879	53.787	ug/L	95
35) Methylcyclohexane	7.385	83	263184	52.128	ug/L	98
37) 1,2-Dichloropropane	7.434	63	149343	50.791	ug/L	100
38) Bromodichloromethane	7.824	83	208683	52.625	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	235744	53.243	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	446543	106.836	ug/L	94
42) Toluene	8.720	91	660100	52.404	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	223357	53.658	ug/L	99

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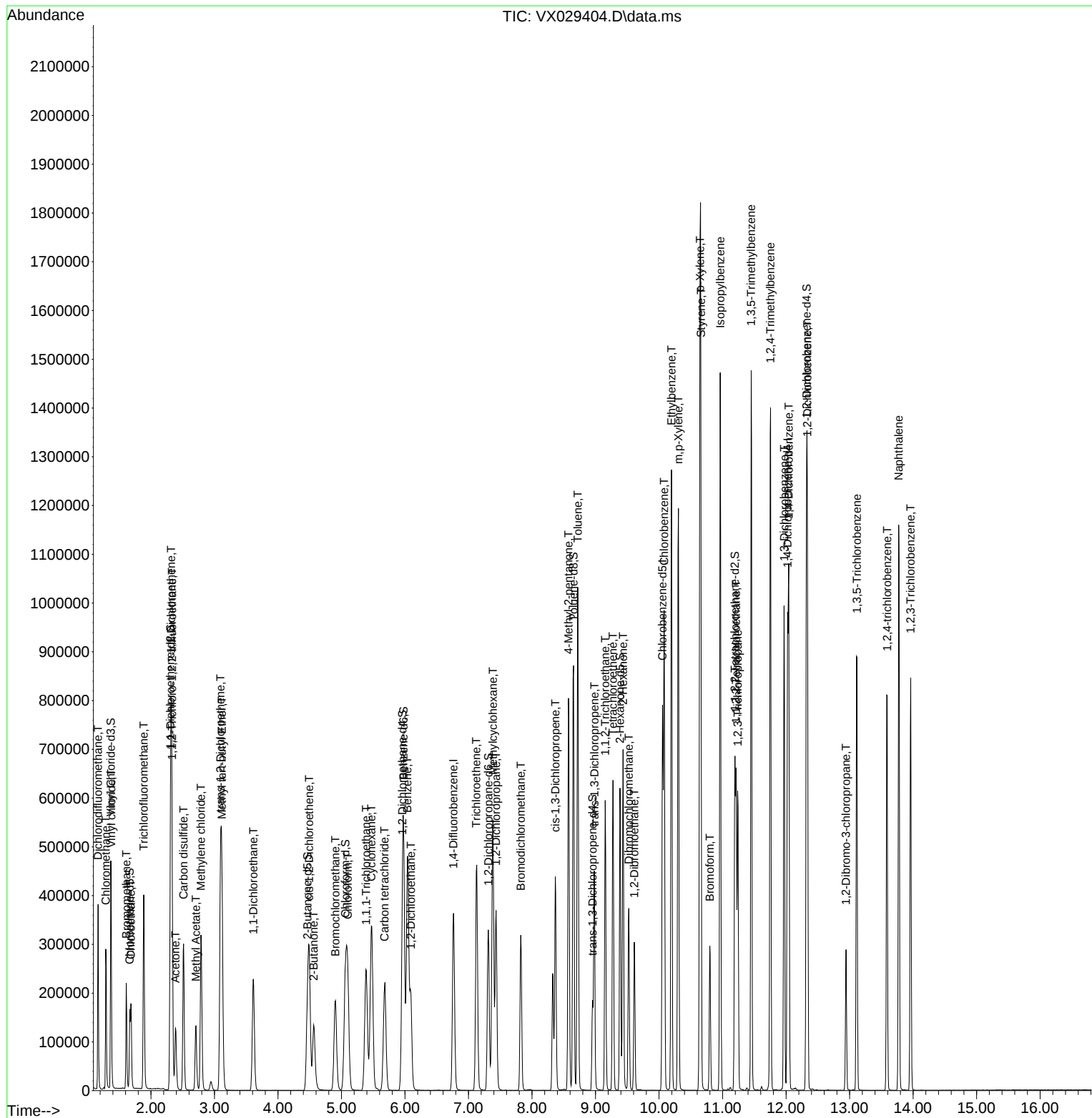
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	153487	53.028	ug/L	99
46) Tetrachloroethene	9.275	164	119192	48.761	ug/L	96
48) 2-Hexanone	9.433	43	348985	104.020	ug/L	93
49) Dibromochloromethane	9.525	129	162418	51.601	ug/L	100
50) 1,2-Dibromoethane	9.610	107	165709	54.221	ug/L	98
51) Chlorobenzene	10.079	112	414165	51.622	ug/L	97
52) Ethylbenzene	10.195	91	729710	53.582	ug/L	100
53) m,p-Xylene	10.305	106	284643	53.125	ug/L	99
54) o-Xylene	10.646	106	283998	55.029	ug/L	99
55) Styrene	10.659	104	487098	55.718	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	247837	61.841	ug/L	97
59) Bromoform	10.799	173	107909	49.980	ug/L	99
60) Isopropylbenzene	10.964	105	756397	54.535	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	201922	55.133	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	648359	64.552	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	645225	55.531	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	310212	51.129	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	310365	50.842	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	312384	52.767	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	56245	61.225	ug/L	94
69) 1,3,5-Trichlorobenzene	13.116	180	216712	51.815	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	188795	51.173	ug/L	98
71) Naphthalene	13.774	128	728619	57.796	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	190927	51.554	ug/L	99

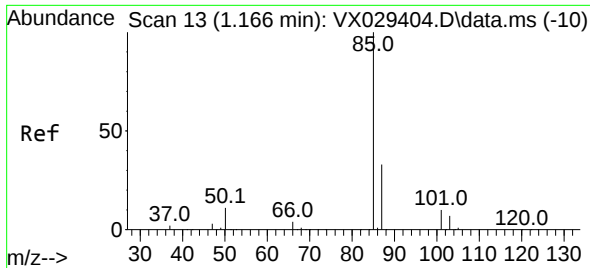
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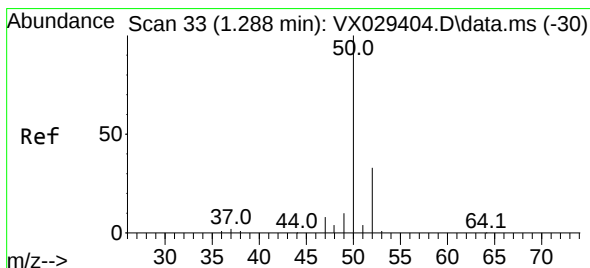
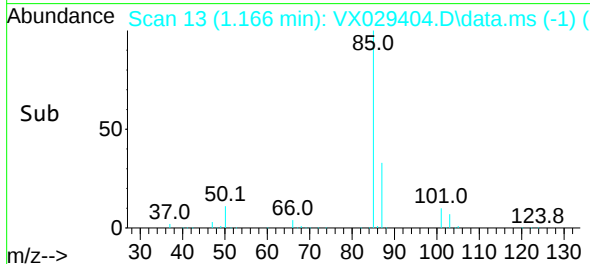
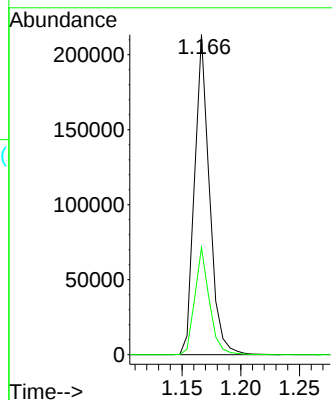
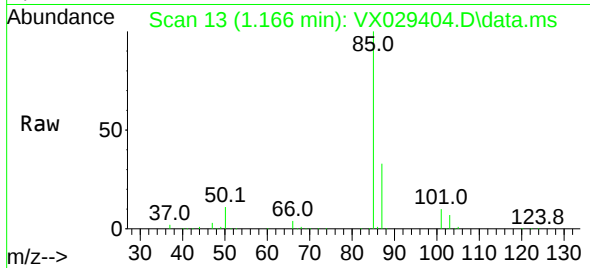




#2
 Dichlorodifluoromethane
 Concen: 46.177 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029404.D
 Acq: 13 Jun 2022 11:03

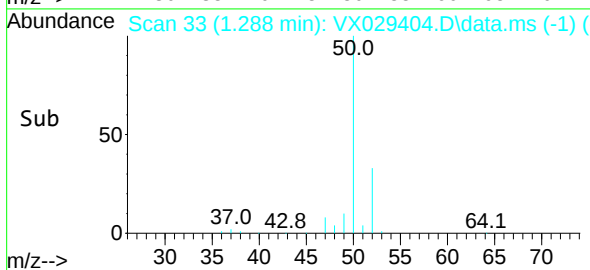
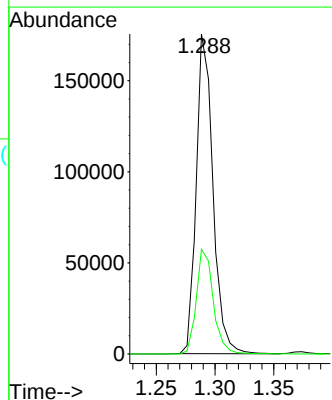
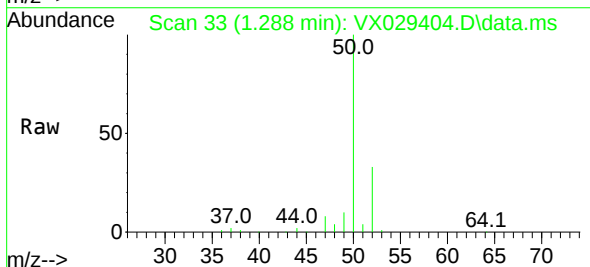
Instrument :
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 ClientSampleId :
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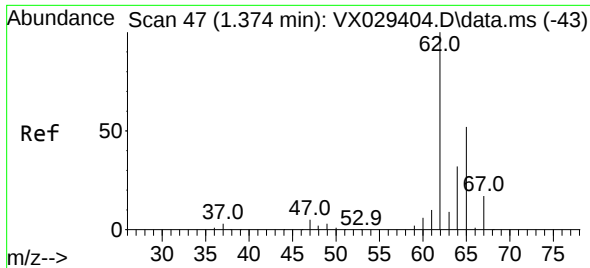
Tgt Ion: 85 Resp: 189099
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.9 38.9



#3
 Chloromethane
 Concen: 52.497 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: VX029404.D
 Acq: 13 Jun 2022 11:03

Tgt Ion: 50 Resp: 174220
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.5 41.7

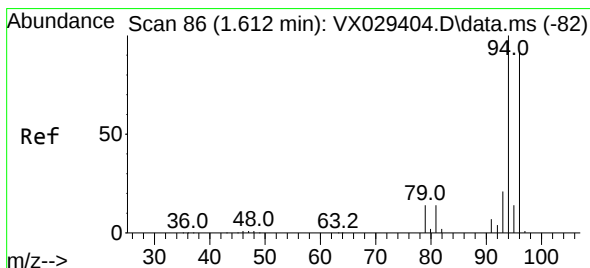
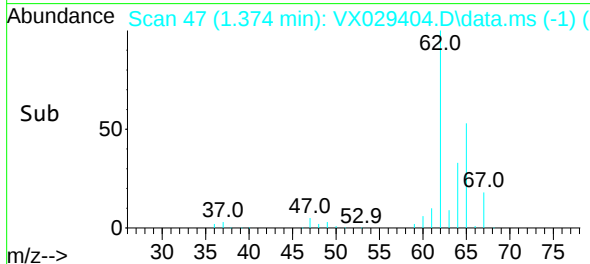
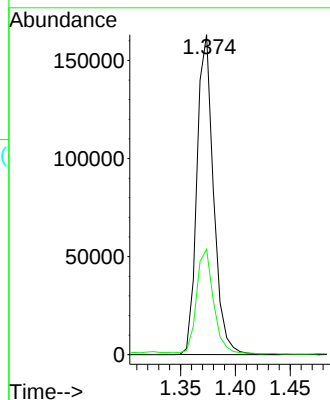
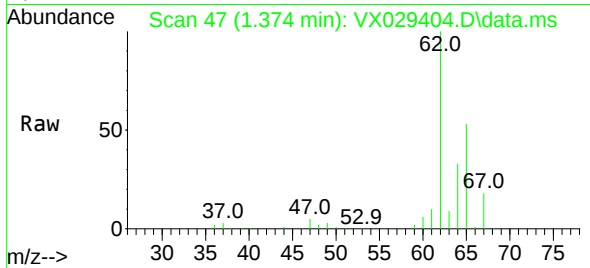




#5
 Vinyl chloride
 Concen: 51.614 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX029404.D
 Acq: 13 Jun 2022 11:03

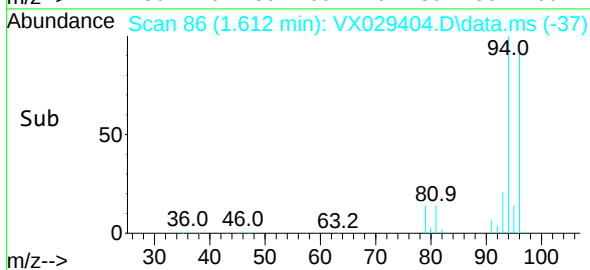
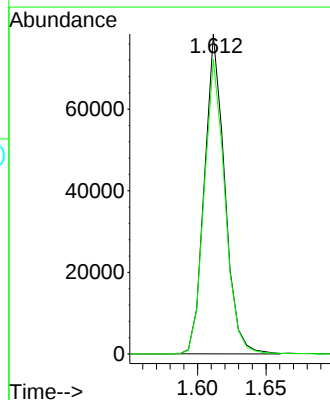
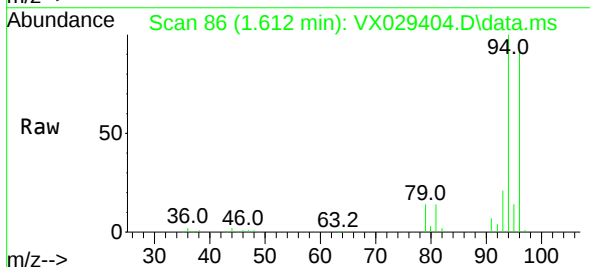
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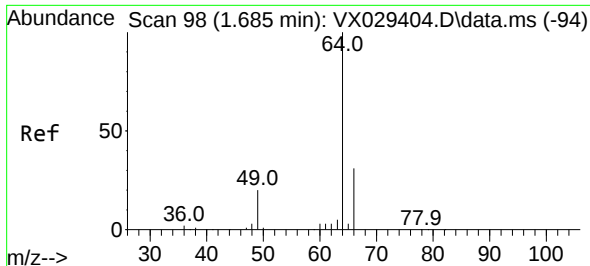
Tgt Ion: 62 Resp: 171800
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.3 43.3



#6
 Bromomethane
 Concen: 55.728 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX029404.D
 Acq: 13 Jun 2022 11:03

Tgt Ion: 94 Resp: 80671
 Ion Ratio Lower Upper
 94 100
 96 92.1 64.9 120.5

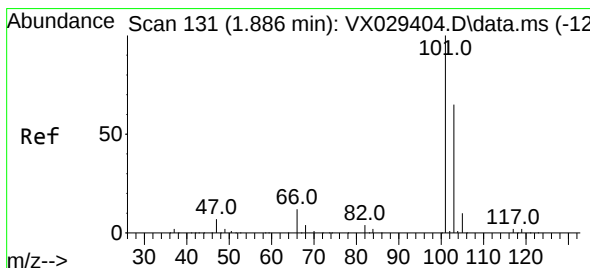
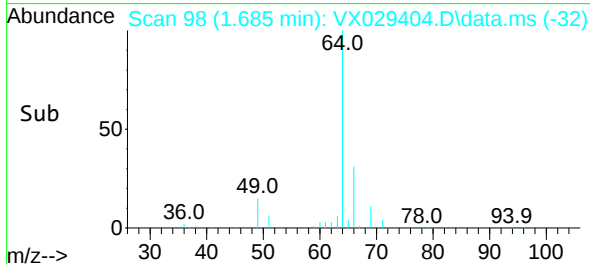
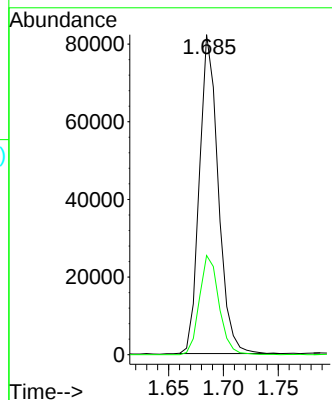
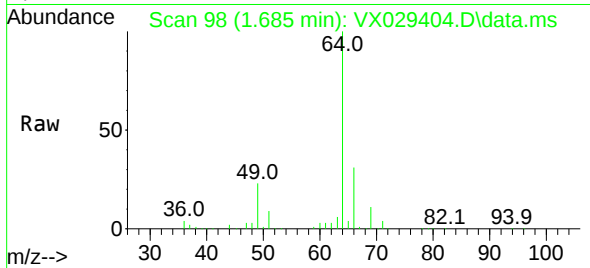




#8
Chloroethane
Concen: 54.014 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

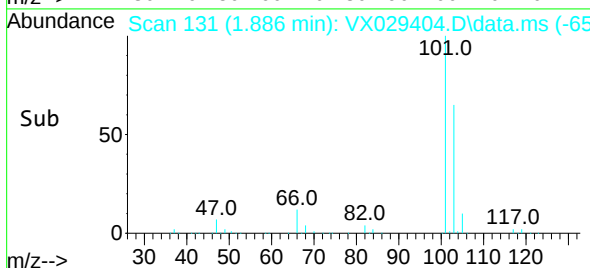
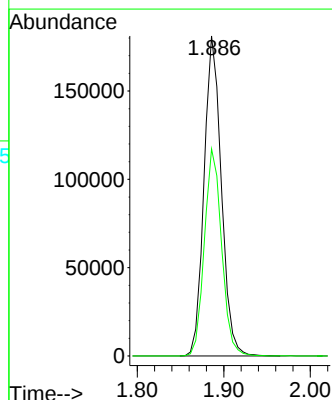
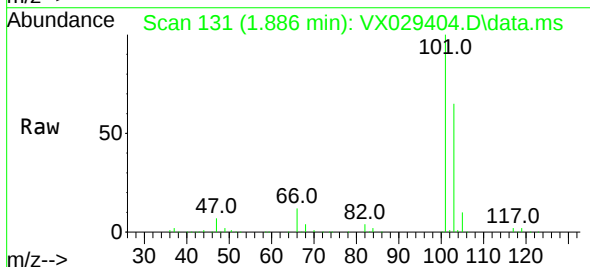
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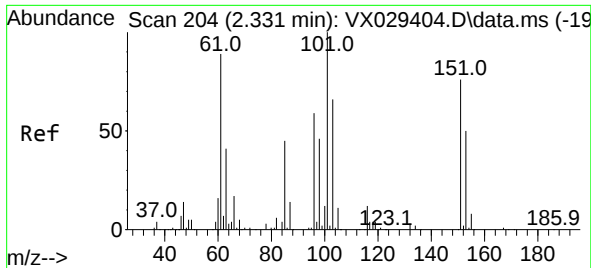
Tgt Ion: 64 Resp: 98321
Ion Ratio Lower Upper
64 100
66 31.0 24.2 45.0



#9
Trichlorofluoromethane
Concen: 53.604 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

Tgt Ion:101 Resp: 251208
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8

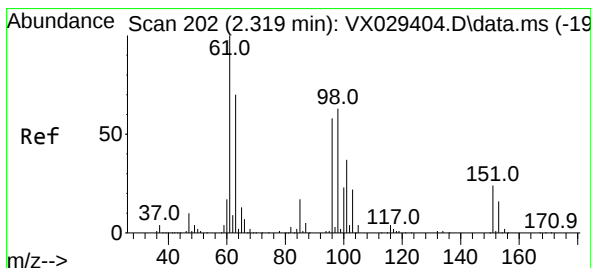
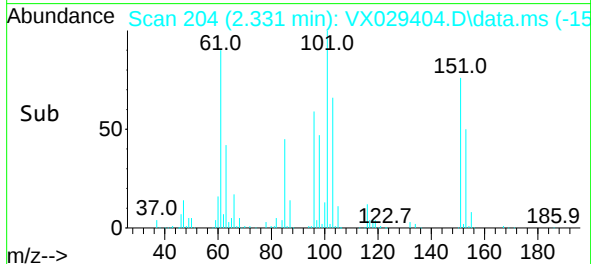
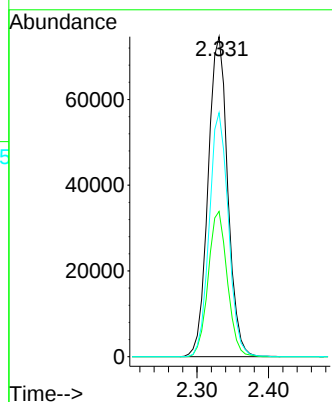
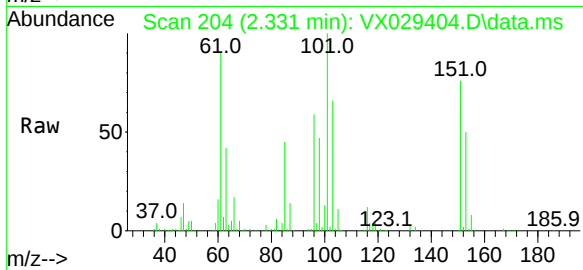




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.563 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX029404.D
 Acq: 13 Jun 2022 11:03

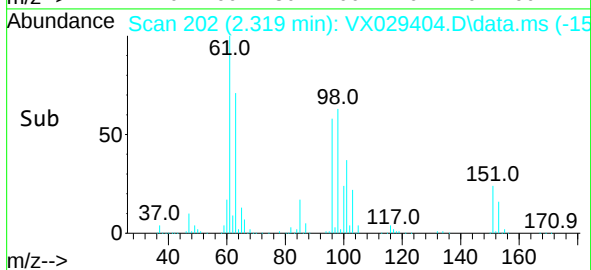
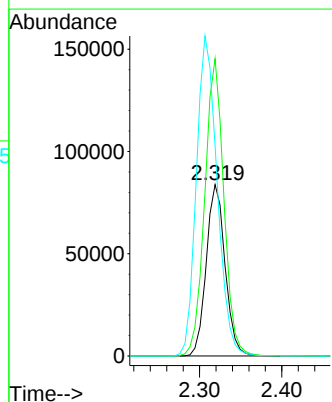
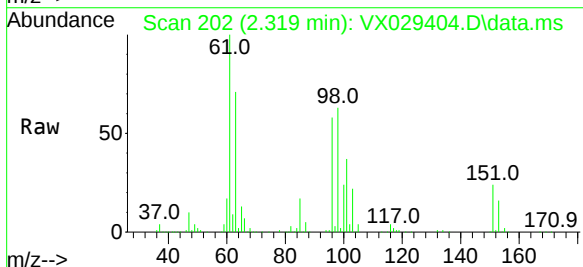
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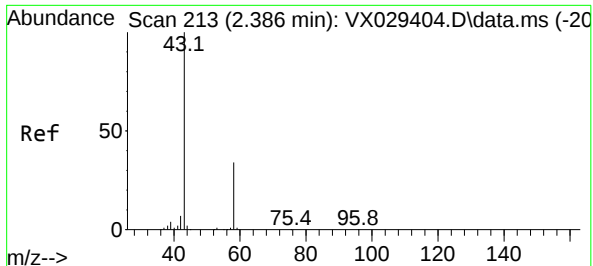
Tgt Ion:101 Resp: 142675
 Ion Ratio Lower Upper
 101 100
 85 44.1 33.9 50.9
 151 74.3 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 49.233 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX029404.D
 Acq: 13 Jun 2022 11:03

Tgt Ion: 96 Resp: 133185
 Ion Ratio Lower Upper
 96 100
 61 173.5 118.2 219.4
 63 122.6 109.6 203.4

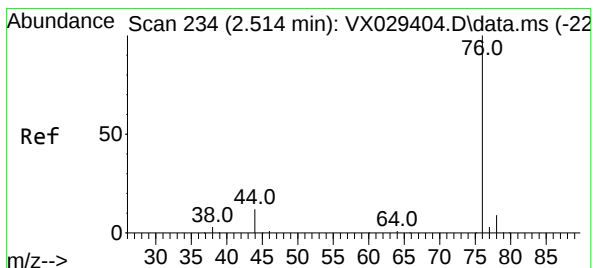
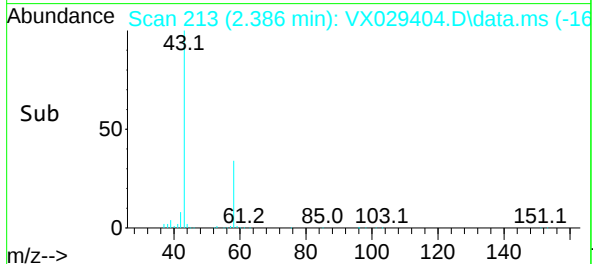
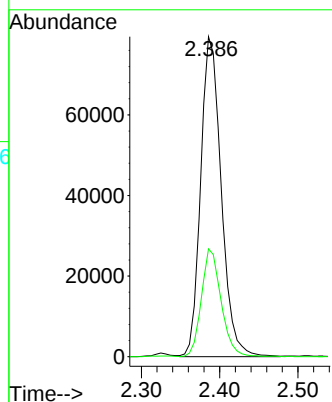
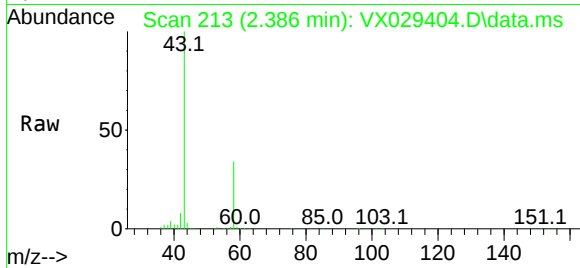




#13
Acetone
Concen: 76.050 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

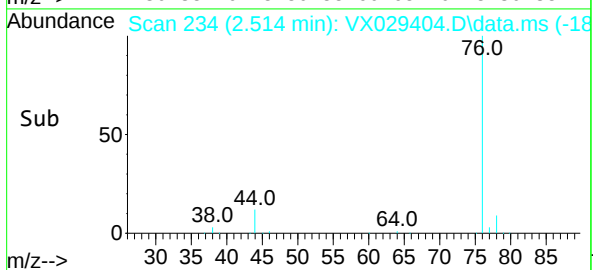
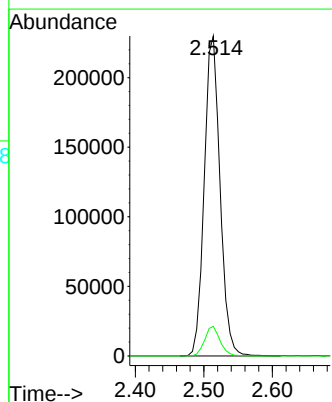
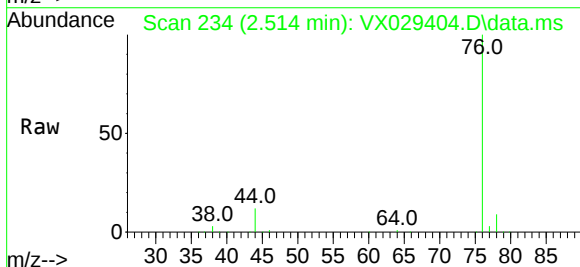
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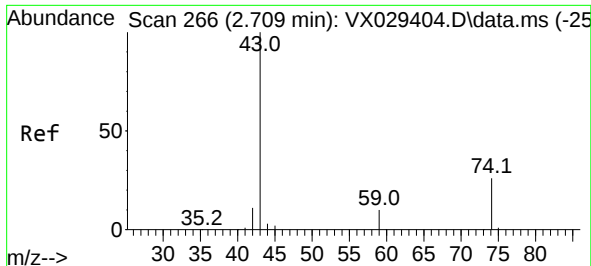
Tgt Ion: 43 Resp: 144884
Ion Ratio Lower Upper
43 100
58 32.2 0.0 61.4



#14
Carbon disulfide
Concen: 46.569 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
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Acq: 13 Jun 2022 11:03

Tgt Ion: 76 Resp: 368799
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

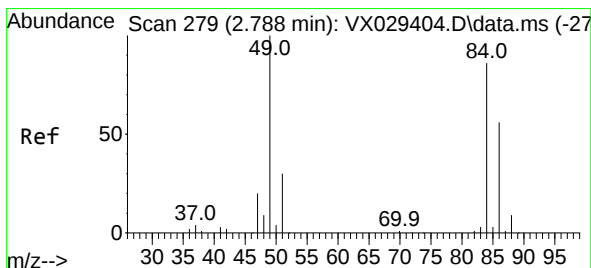
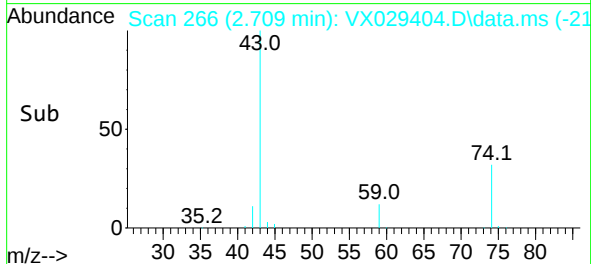
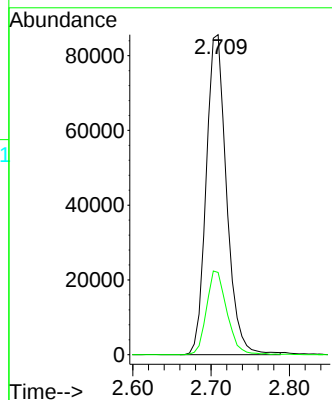
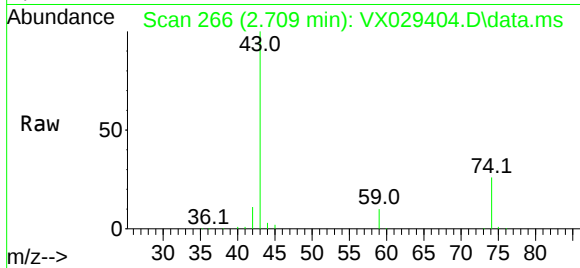




#15
Methyl Acetate
Concen: 49.900 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

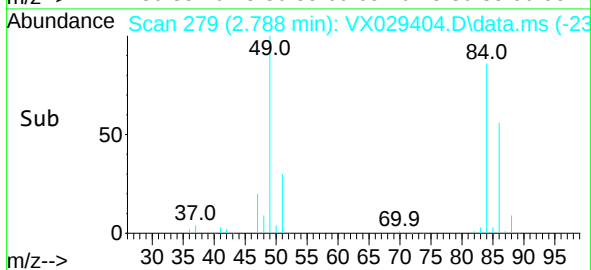
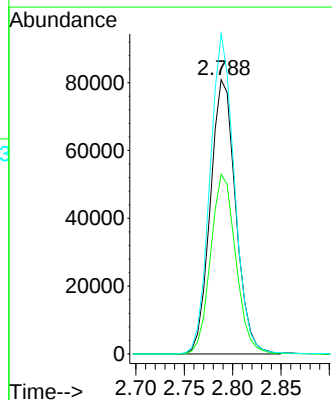
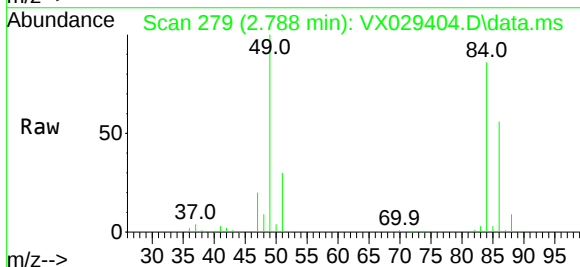
Instrument :
MSVOA_X
ClientSampleId :
VSTD050668

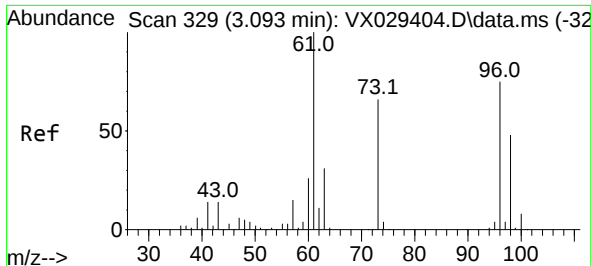
Tgt Ion: 43 Resp: 154375
Ion Ratio Lower Upper
43 100
74 26.2 18.2 27.4



#16
Methylene chloride
Concen: 49.713 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

Tgt Ion: 84 Resp: 147626
Ion Ratio Lower Upper
84 100
86 65.5 44.8 83.2
49 116.7 87.0 161.6

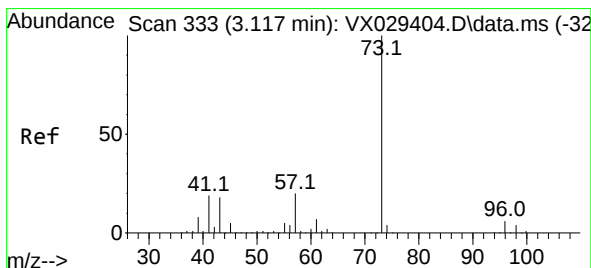
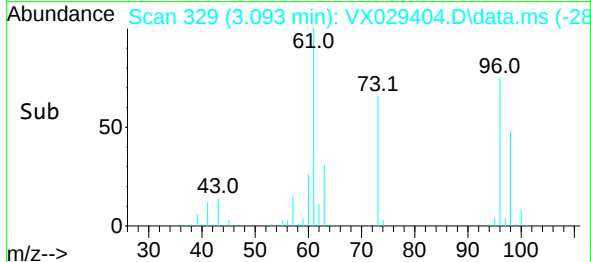
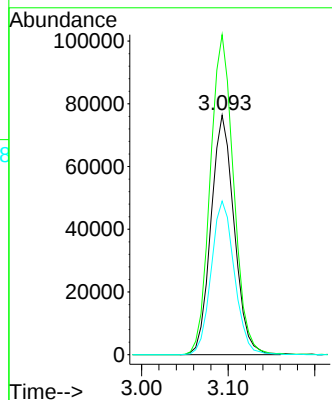
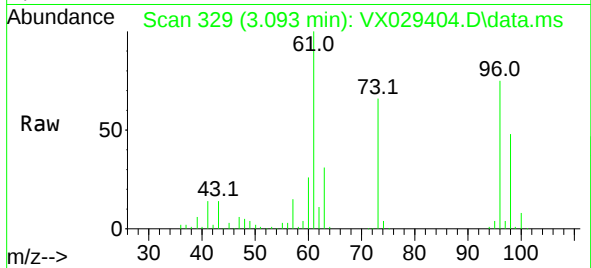




#17
trans-1,2-Dichloroethene
Concen: 49.650 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

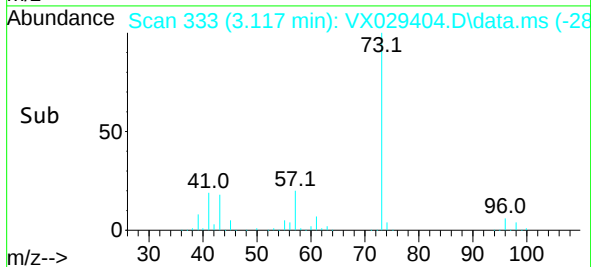
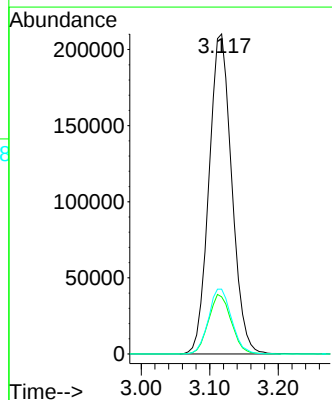
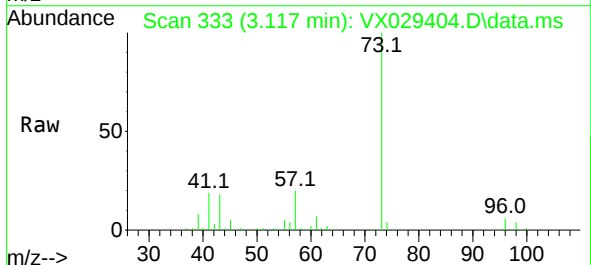
Instrument :
MSVOA_X
ClientSampleId :
VSTD050668

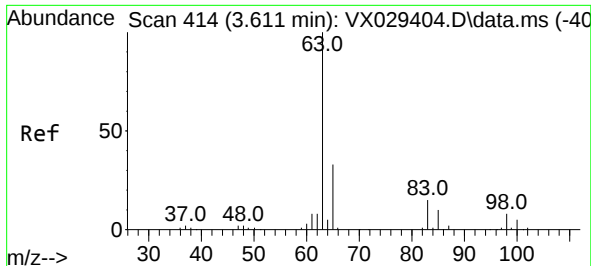
Tgt Ion: 96 Resp: 142325
Ion Ratio Lower Upper
96 100
61 133.6 93.0 172.6
98 64.1 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 54.002 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

Tgt Ion: 73 Resp: 485135
Ion Ratio Lower Upper
73 100
43 18.6 16.2 24.4
57 20.6 17.1 25.7





#19

1,1-Dichloroethane

Concen: 50.078 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX029404.D

Acq: 13 Jun 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTD050668

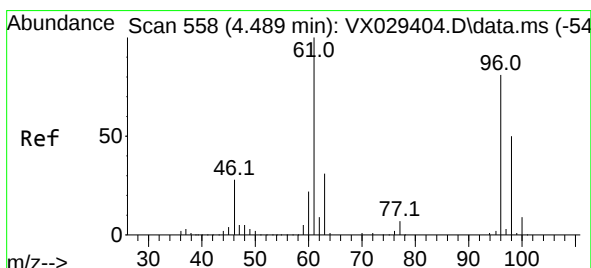
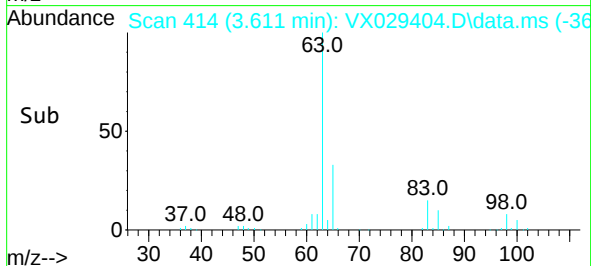
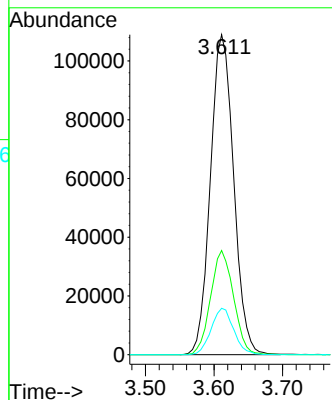
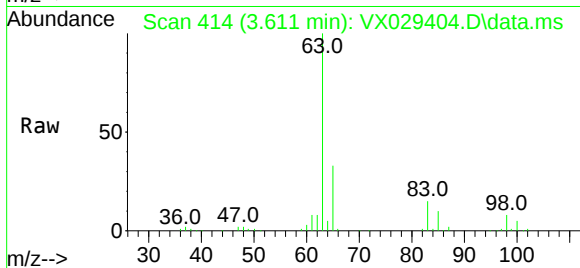
Tgt Ion: 63 Resp: 256864

Ion Ratio Lower Upper

63 100

65 32.5 22.9 42.5

83 14.5 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 51.030 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX029404.D

Acq: 13 Jun 2022 11:03

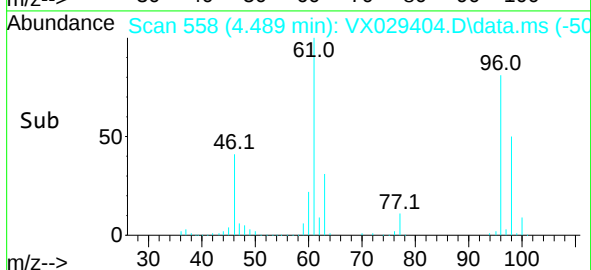
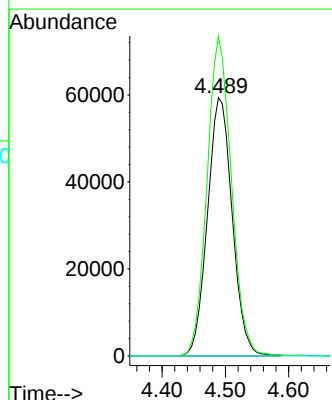
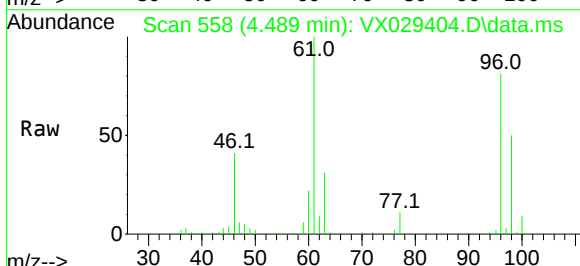
Tgt Ion: 96 Resp: 161510

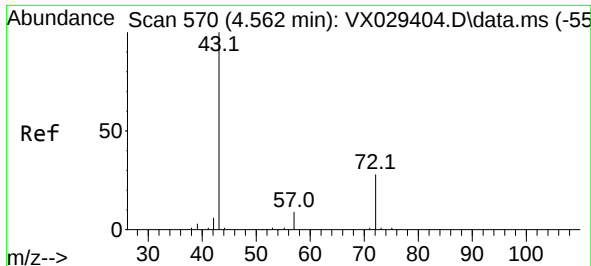
Ion Ratio Lower Upper

96 100

61 123.9 86.7 161.1

68 0.0 0.0 0.0

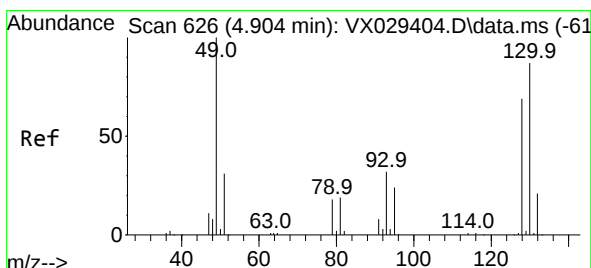
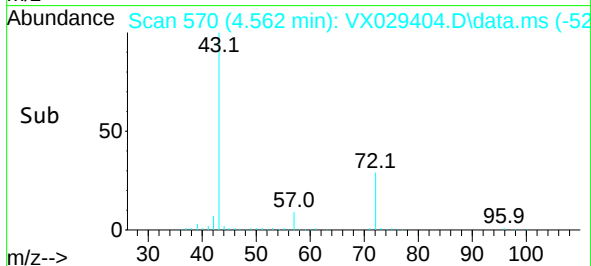
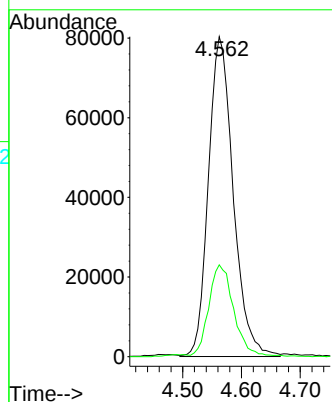
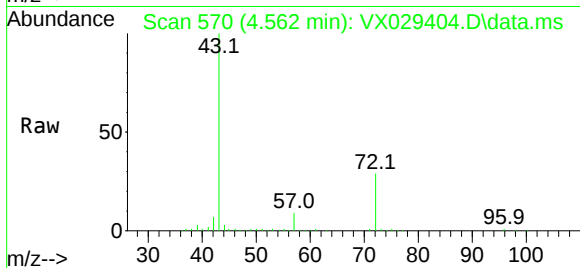




#22
2-Butanone
Concen: 92.976 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

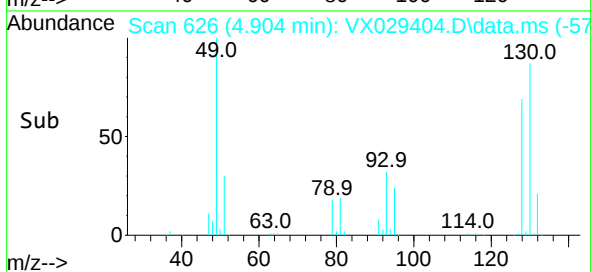
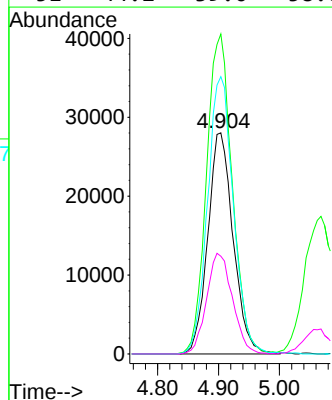
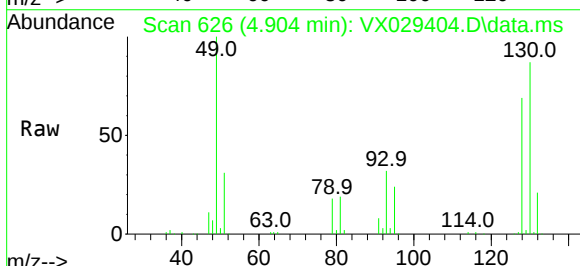
Instrument :
MSVOA_X
ClientSampleId :
VSTD050668

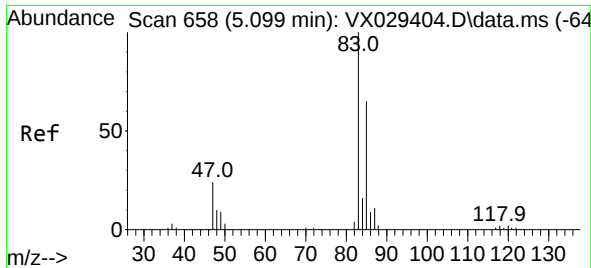
Tgt Ion: 43 Resp: 235123
Ion Ratio Lower Upper
43 100
72 28.8 13.2 39.5



#23
Bromochloromethane
Concen: 50.230 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

Tgt Ion: 128 Resp: 80868
Ion Ratio Lower Upper
128 100
49 144.7 110.2 204.6
130 125.4 88.2 163.8
51 44.2 39.0 58.6

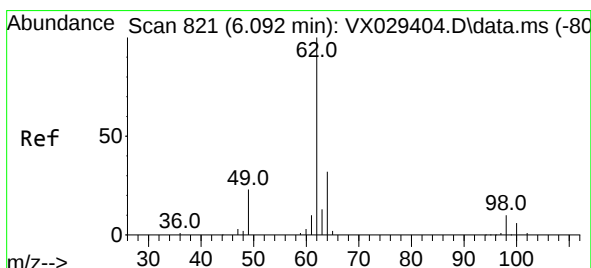
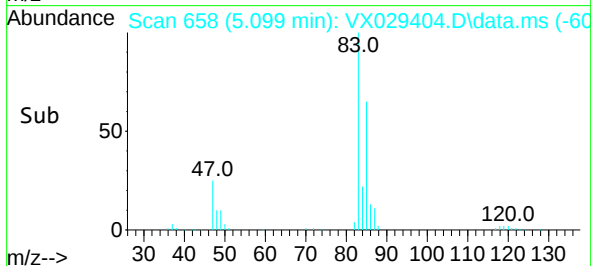
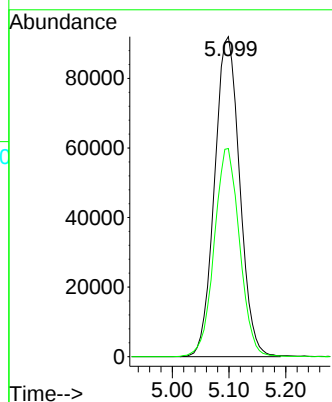
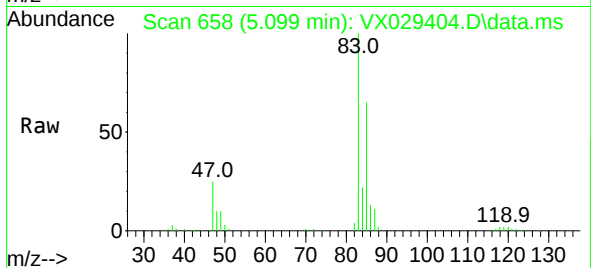




#25
Chloroform
Concen: 51.357 ug/L
RT: 5.099 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

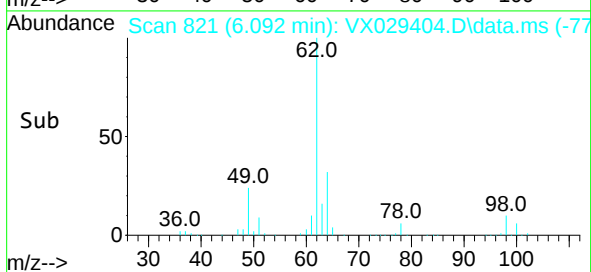
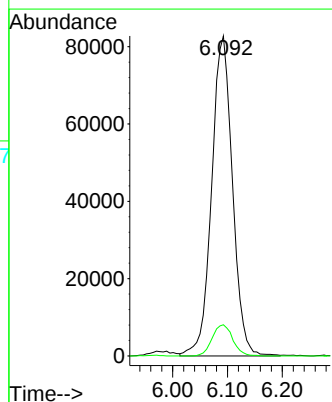
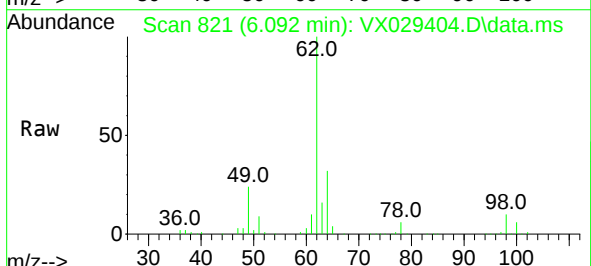
Instrument :
MSVOA_X
ClientSampleId :
VSTD050668

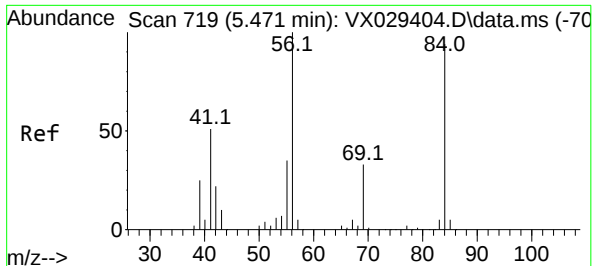
Tgt Ion: 83 Resp: 283222
Ion Ratio Lower Upper
83 100
85 65.0 44.2 82.2



#27
1,2-Dichloroethane
Concen: 51.138 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

Tgt Ion: 62 Resp: 218511
Ion Ratio Lower Upper
62 100
98 9.8 8.2 12.2





#29

Cyclohexane

Concen: 49.266 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX029404.D

Acq: 13 Jun 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTD050668

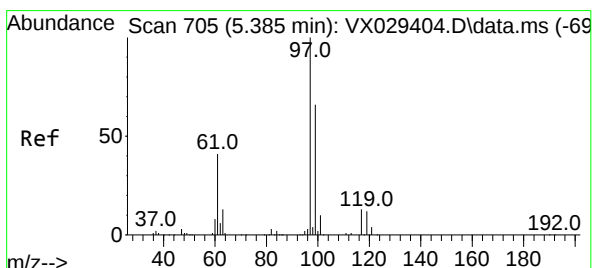
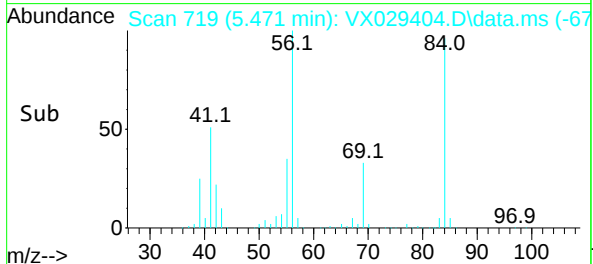
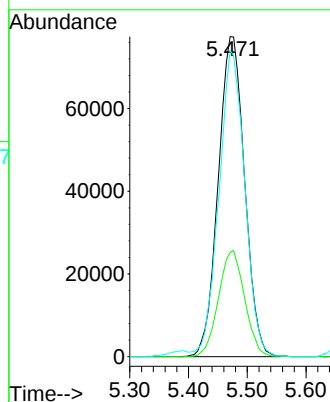
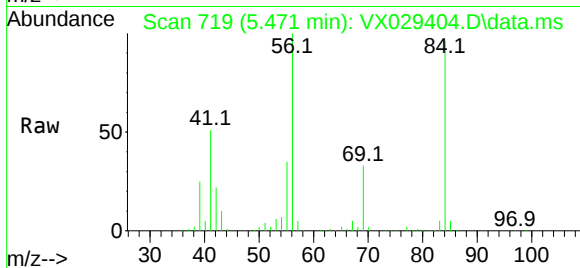
Tgt Ion: 56 Resp: 241246

Ion Ratio Lower Upper

56 100

69 32.9 24.6 36.8

84 93.9 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 53.388 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX029404.D

Acq: 13 Jun 2022 11:03

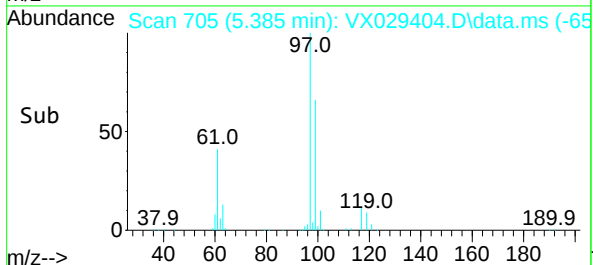
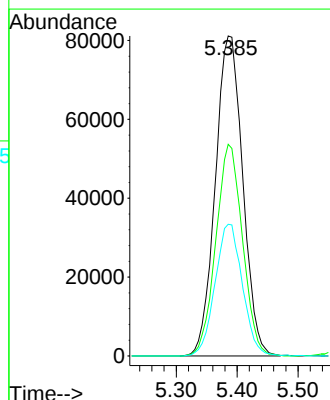
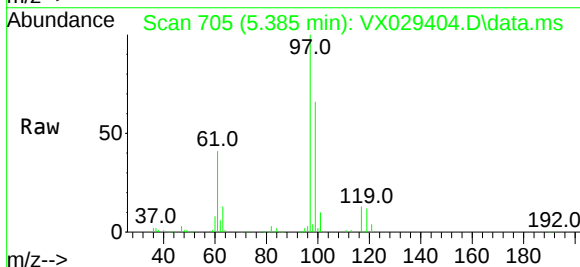
Tgt Ion: 97 Resp: 253747

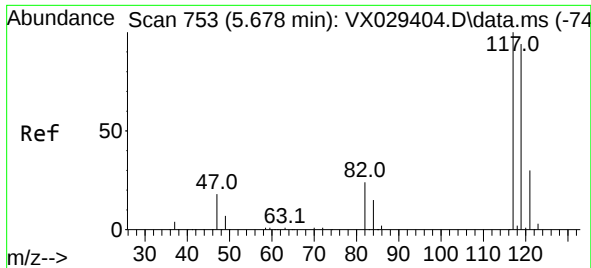
Ion Ratio Lower Upper

97 100

99 64.3 51.5 77.3

61 40.9 35.2 52.8

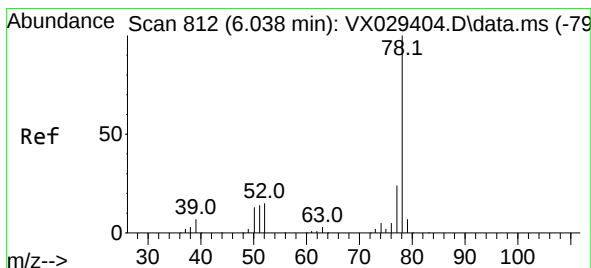
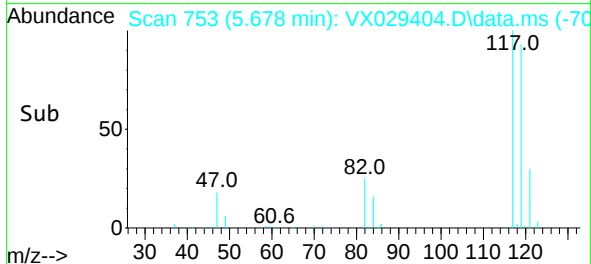
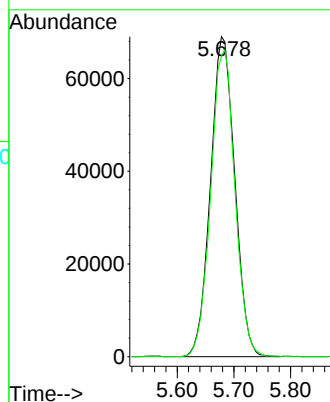
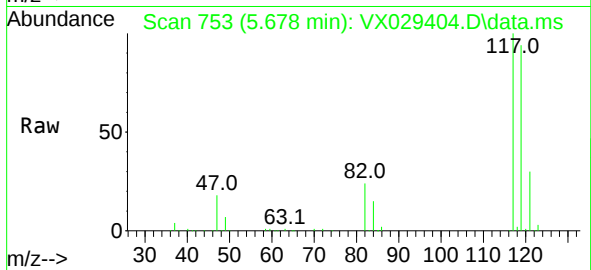




#31
Carbon tetrachloride
Concen: 49.533 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

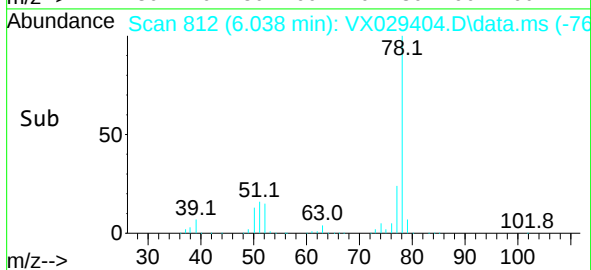
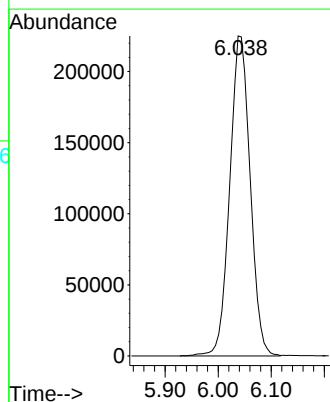
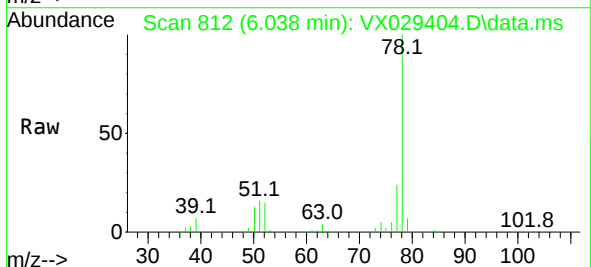
Instrument :
MSVOA_X
ClientSampleId :
VSTD050668

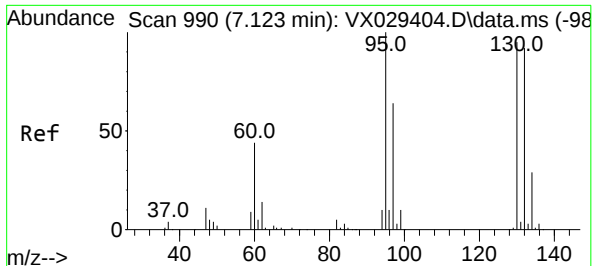
Tgt Ion:117 Resp: 205223
Ion Ratio Lower Upper
117 100
119 95.7 77.8 116.8



#33
Benzene
Concen: 51.487 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

Tgt Ion: 78 Resp: 601037

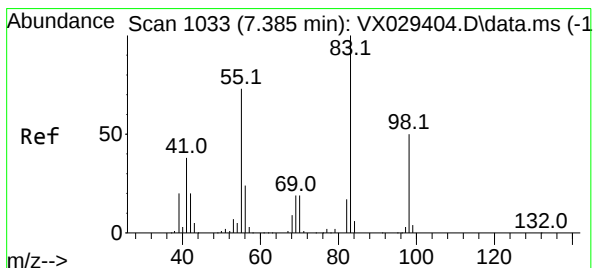
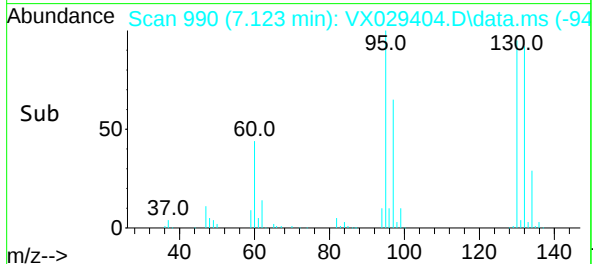
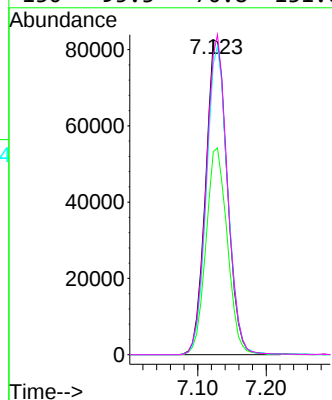
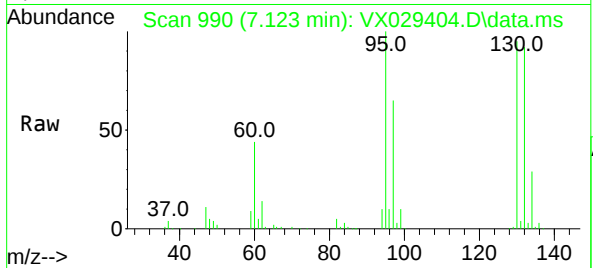




#34
Trichloroethene
Concen: 53.787 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

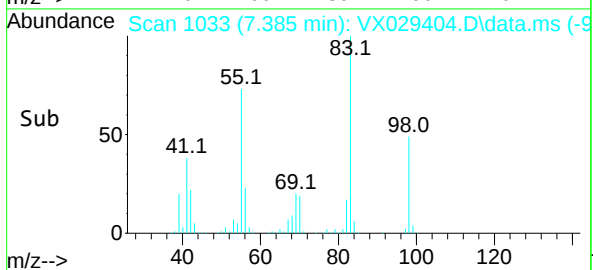
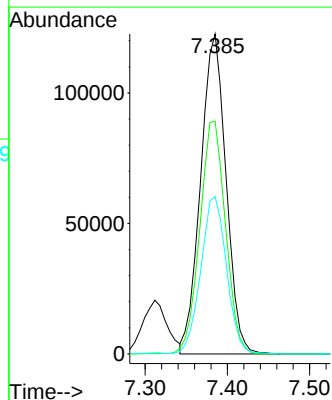
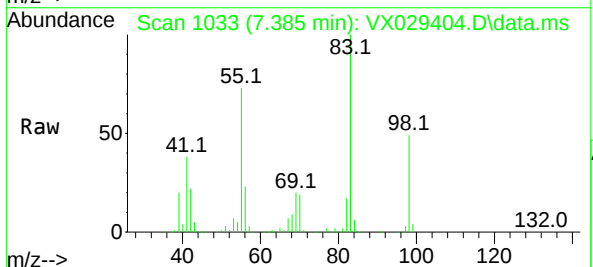
Instrument :
MSVOA_X
ClientSampleId :
VSTD050668

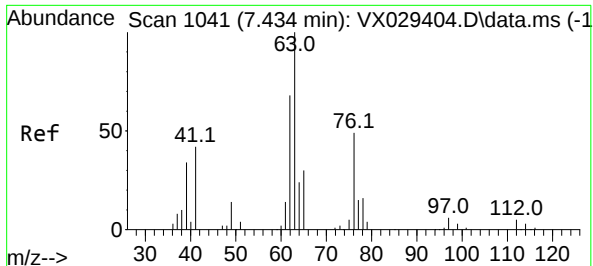
Tgt Ion: 95 Resp: 181879
Ion Ratio Lower Upper
95 100
97 64.5 45.5 84.5
132 92.4 69.9 129.7
130 95.3 70.8 131.6



#35
Methylcyclohexane
Concen: 52.128 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

Tgt Ion: 83 Resp: 263184
Ion Ratio Lower Upper
83 100
55 73.4 60.6 90.8
98 49.9 39.8 59.8





#37

1,2-Dichloropropane

Concen: 50.791 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX029404.D

Acq: 13 Jun 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

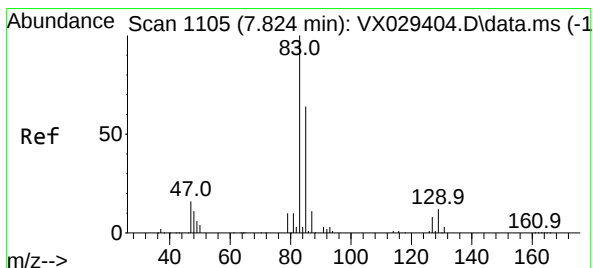
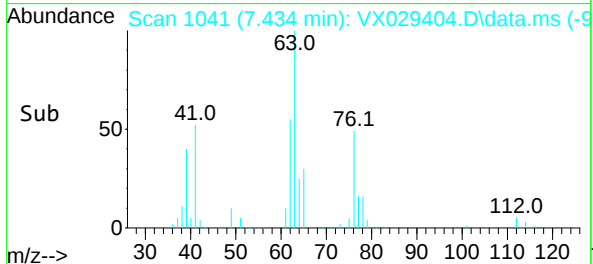
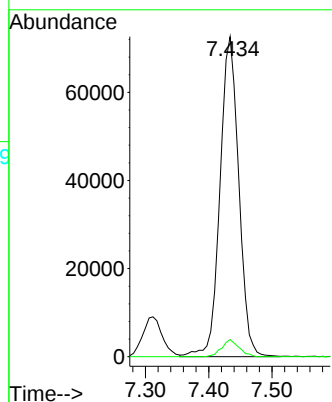
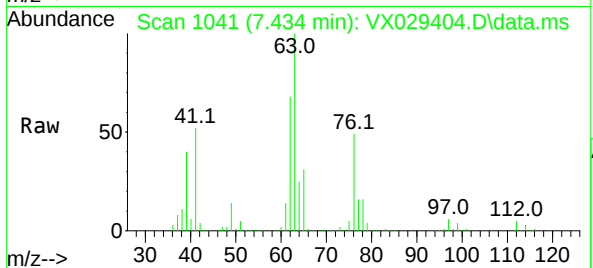
VSTD050668

Tgt Ion: 63 Resp: 149343

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 52.625 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX029404.D

Acq: 13 Jun 2022 11:03

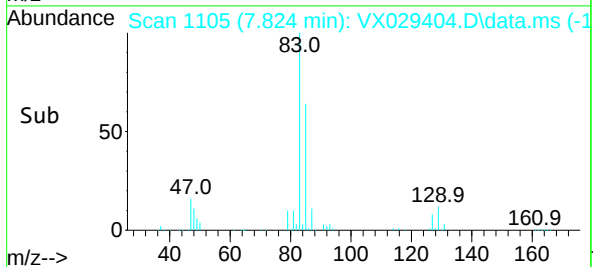
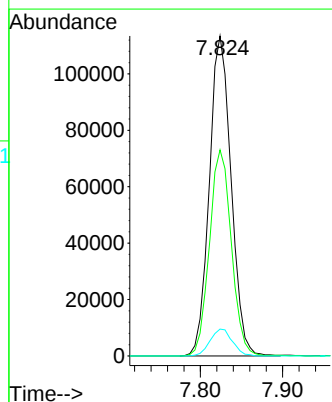
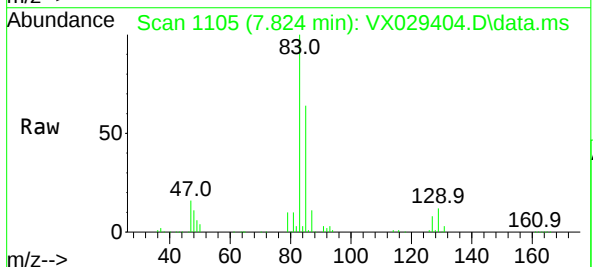
Tgt Ion: 83 Resp: 208683

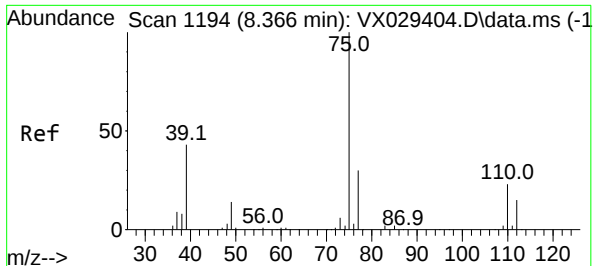
Ion Ratio Lower Upper

83 100

85 64.4 44.7 83.1

127 8.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 53.243 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX029404.D

Acq: 13 Jun 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

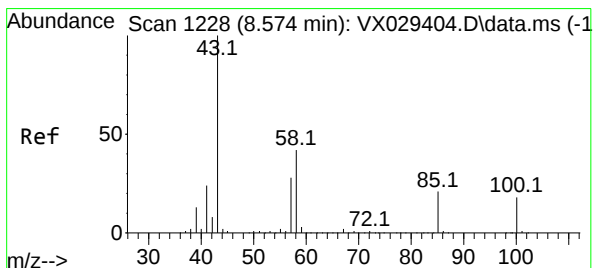
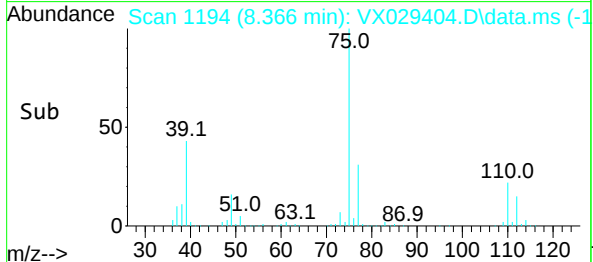
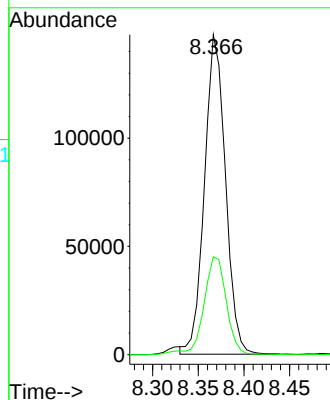
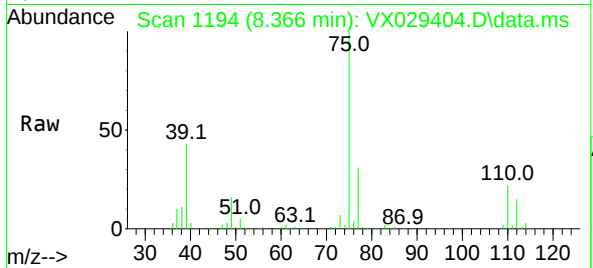
VSTD050668

Tgt Ion: 75 Resp: 235744

Ion Ratio Lower Upper

75 100

77 30.6 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 106.836 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX029404.D

Acq: 13 Jun 2022 11:03

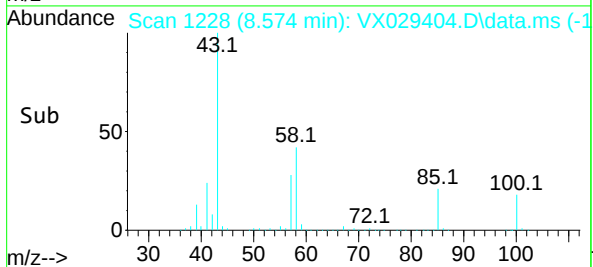
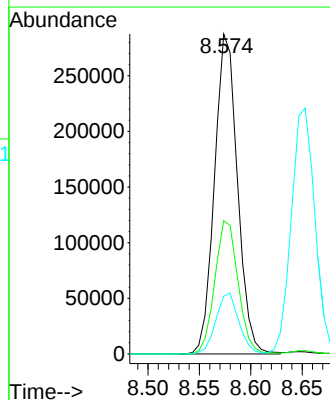
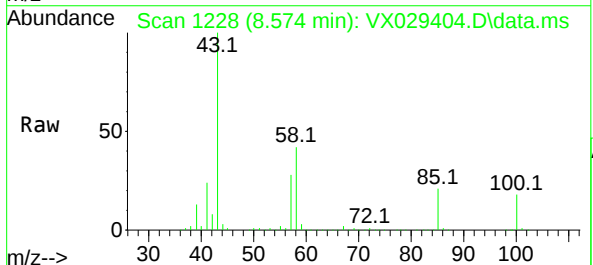
Tgt Ion: 43 Resp: 446543

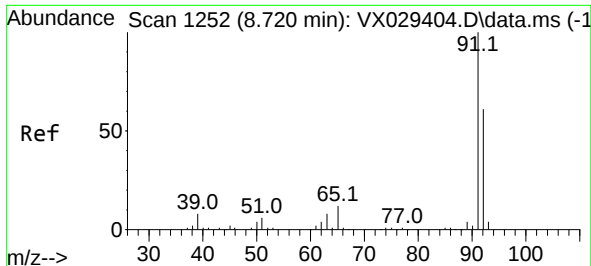
Ion Ratio Lower Upper

43 100

58 42.1 31.0 46.6

100 19.1 13.0 19.4





#42

Toluene

Concen: 52.404 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX029404.D

Acq: 13 Jun 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

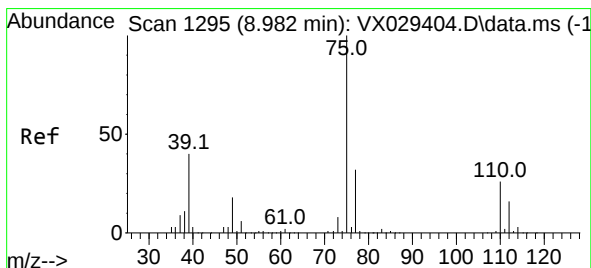
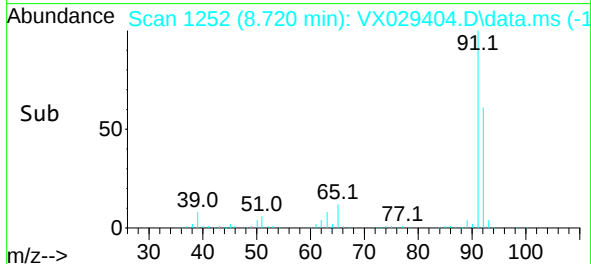
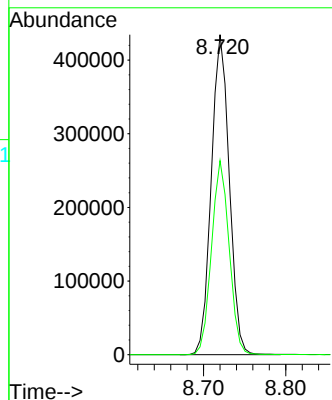
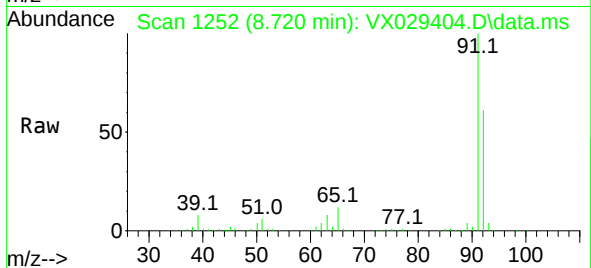
VSTD050668

Tgt Ion: 91 Resp: 660100

Ion Ratio Lower Upper

91 100

92 60.7 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 53.658 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX029404.D

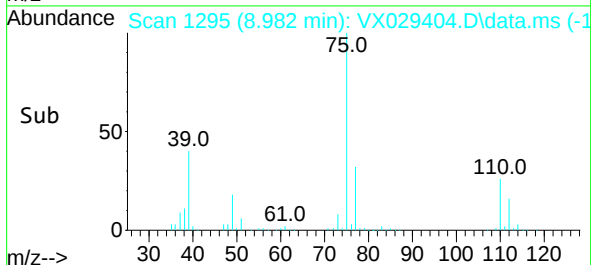
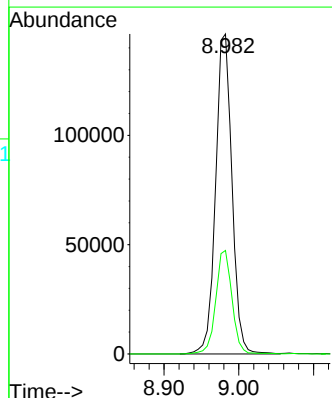
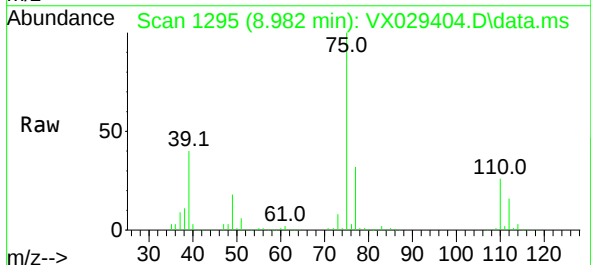
Acq: 13 Jun 2022 11:03

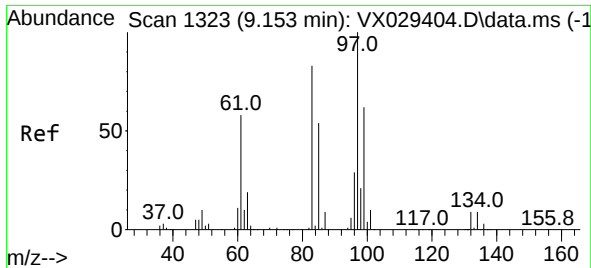
Tgt Ion: 75 Resp: 223357

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.3



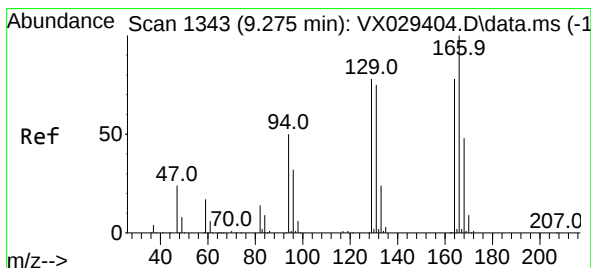
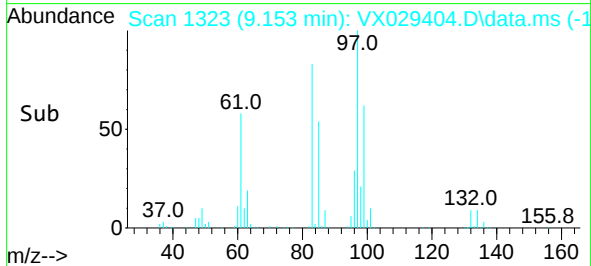
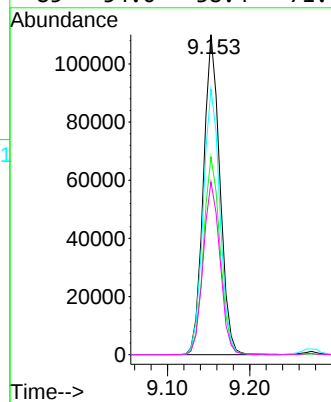
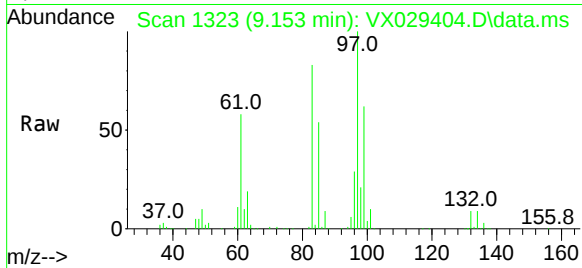


#45
1,1,2-Trichloroethane
Concen: 53.028 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTD050668

Tgt Ion: 97 Resp: 153487

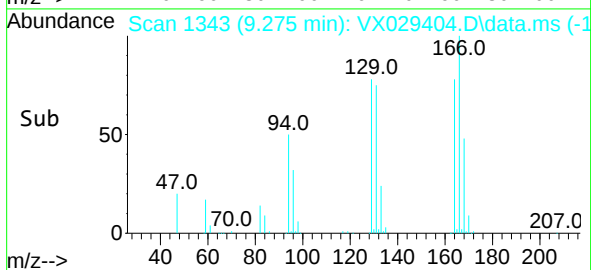
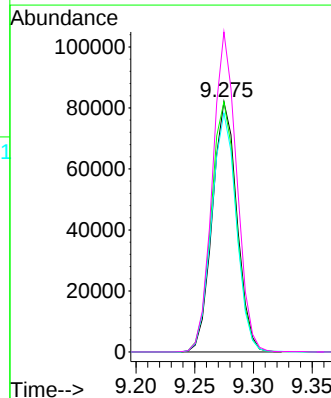
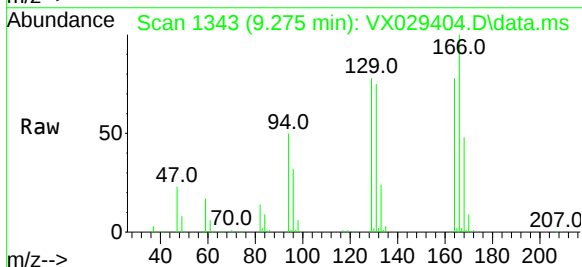
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.3	80.5
83	83.0	57.5	106.9
85	54.0	38.4	71.4

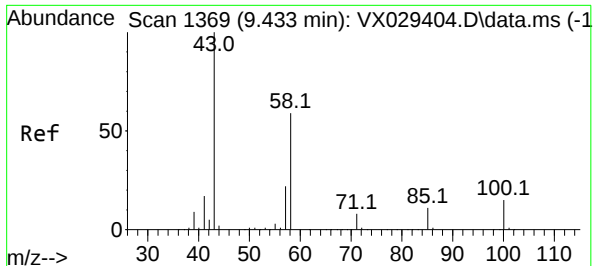


#46
Tetrachloroethene
Concen: 48.761 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

Tgt Ion: 164 Resp: 119192

Ion	Ratio	Lower	Upper
164	100		
129	99.9	65.5	121.7
131	95.5	64.3	119.3
166	127.9	88.7	164.7



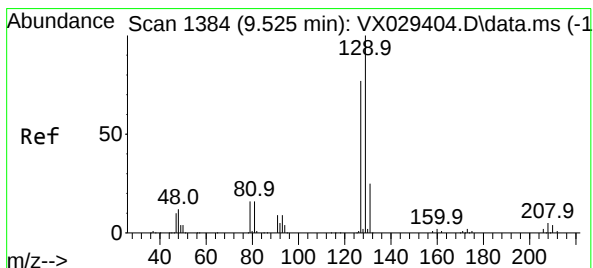
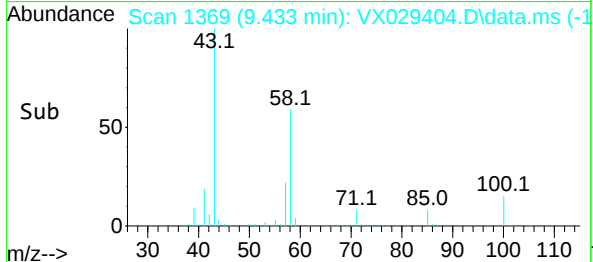
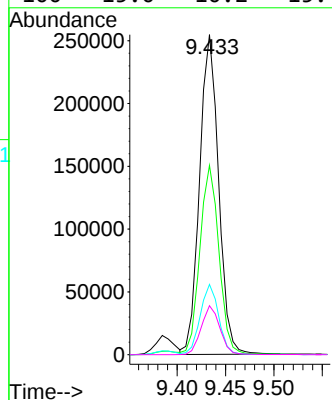
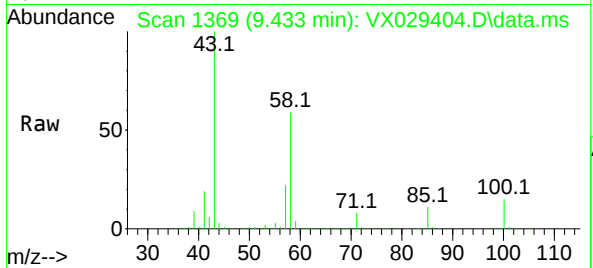


#48
2-Hexanone
Concen: 104.020 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTD050668

Tgt Ion: 43 Resp: 348985

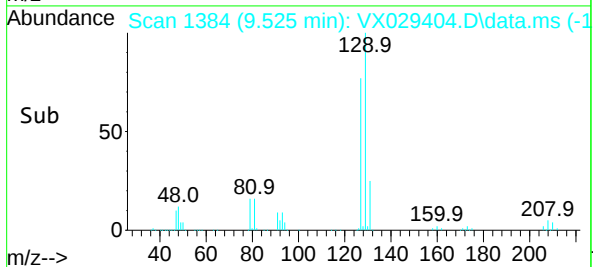
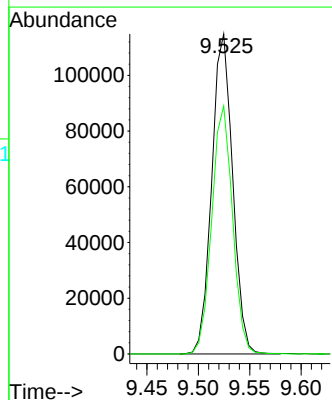
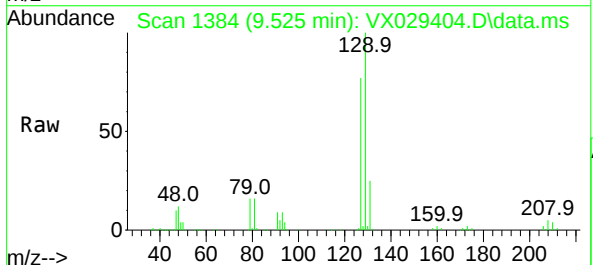
Ion	Ratio	Lower	Upper
43	100		
58	59.0	42.9	64.3
57	21.5	15.3	22.9
100	15.0	10.2	15.4

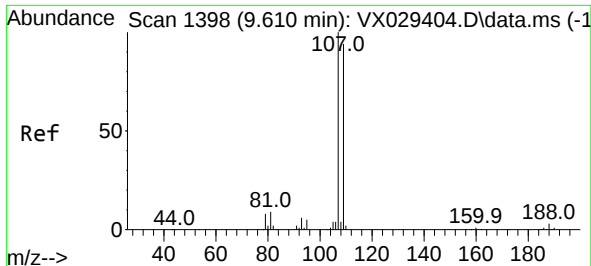


#49
Dibromochloromethane
Concen: 51.601 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

Tgt Ion: 129 Resp: 162418

Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.3	100.9





#50

1,2-Dibromoethane

Concen: 54.221 ug/L

RT: 9.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029404.D

Acq: 13 Jun 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTD050668

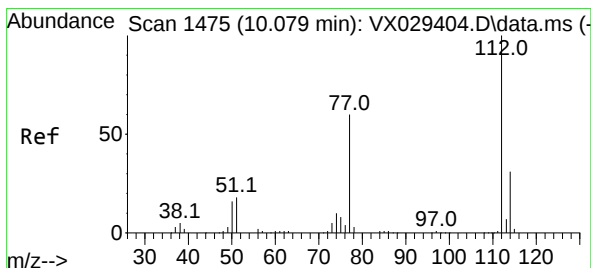
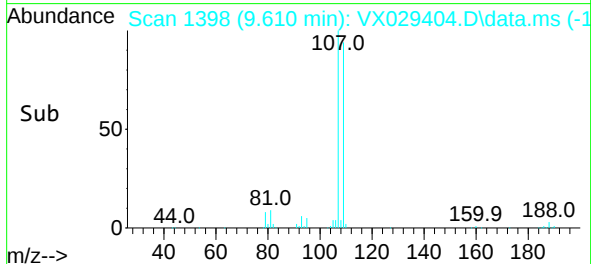
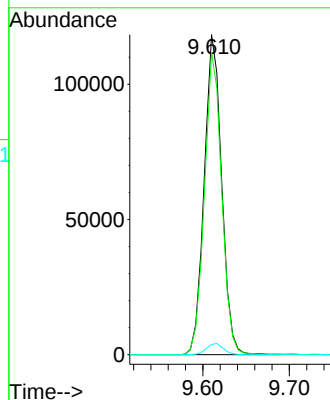
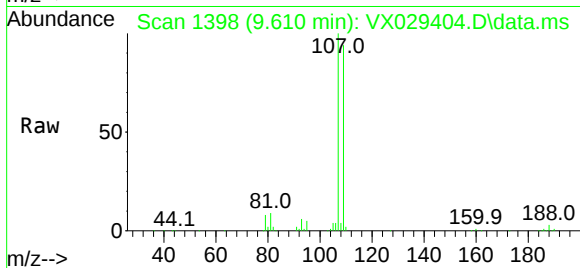
Tgt Ion:107 Resp: 165709

Ion Ratio Lower Upper

107 100

109 94.5 64.9 120.5

188 3.2 2.7 4.1



#51

Chlorobenzene

Concen: 51.622 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX029404.D

Acq: 13 Jun 2022 11:03

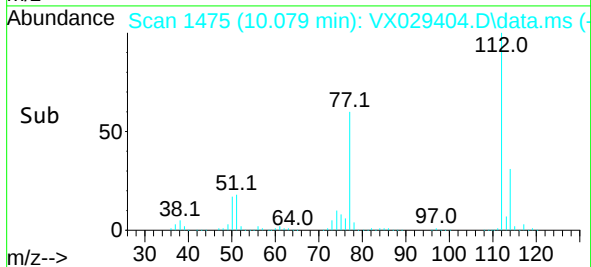
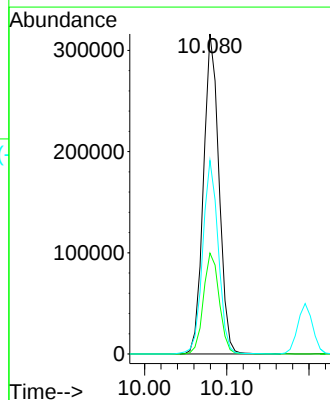
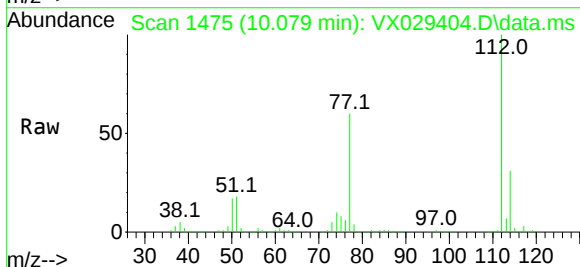
Tgt Ion:112 Resp: 414165

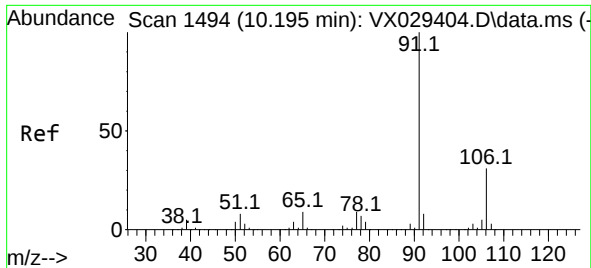
Ion Ratio Lower Upper

112 100

114 31.5 22.2 41.2

77 60.5 45.9 68.9

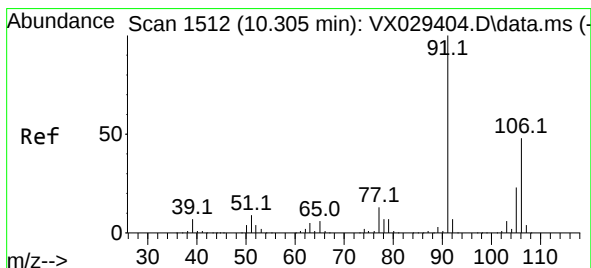
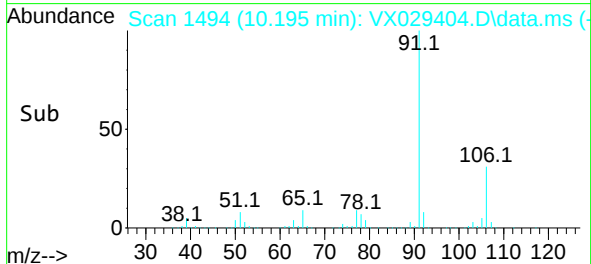
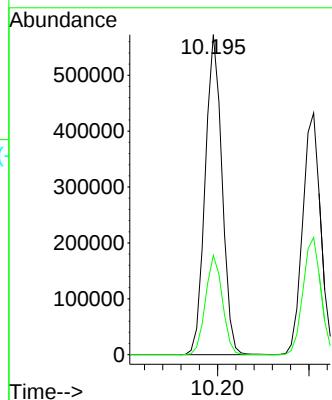
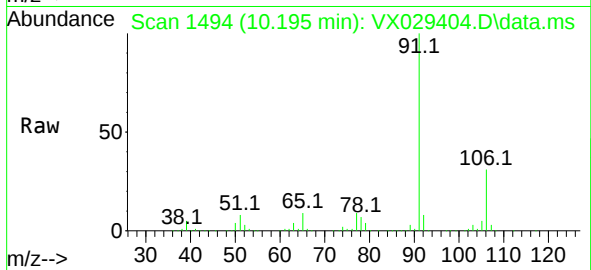




#52
Ethylbenzene
Concen: 53.582 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

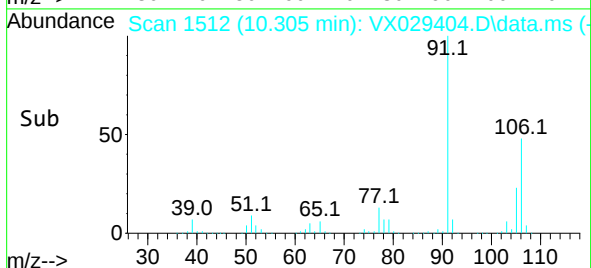
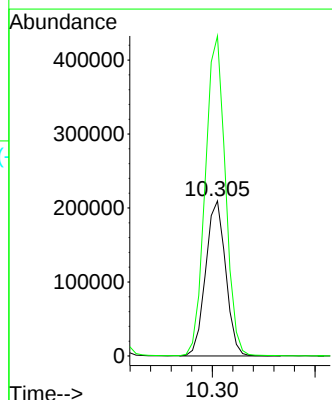
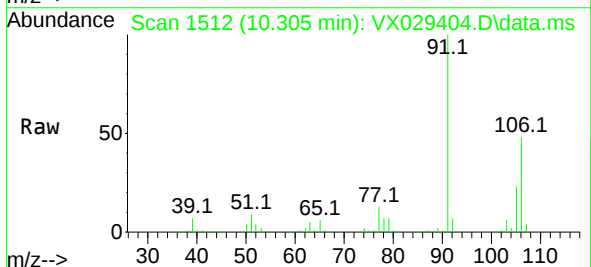
Instrument :
MSVOA_X
ClientSampleId :
VSTD050668

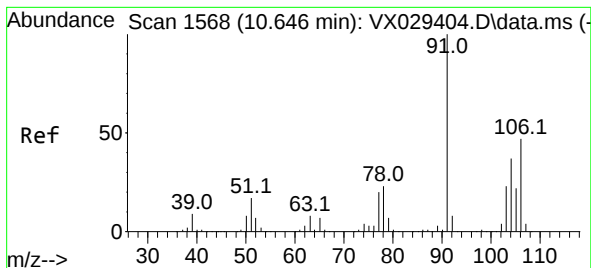
Tgt Ion: 91 Resp: 729710
Ion Ratio Lower Upper
91 100
106 31.0 21.7 40.3



#53
m,p-Xylene
Concen: 53.125 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

Tgt Ion: 106 Resp: 284643
Ion Ratio Lower Upper
106 100
91 206.3 145.7 270.5





#54

o-Xylene

Concen: 55.029 ug/L

RT: 10.646 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VX029404.D

Acq: 13 Jun 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

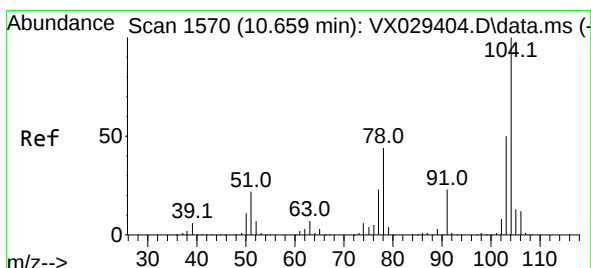
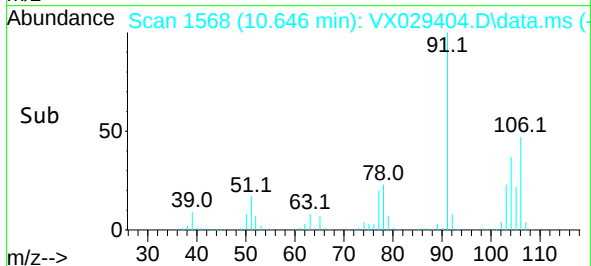
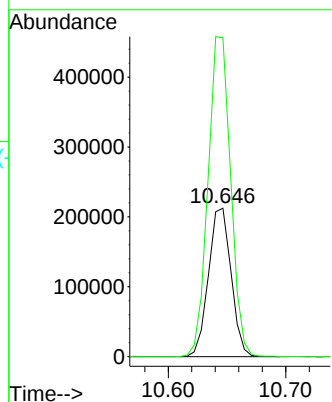
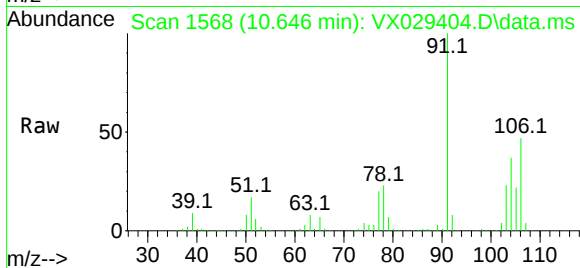
VSTD050668

Tgt Ion:106 Resp: 283998

Ion Ratio Lower Upper

106 100

91 214.8 151.2 280.8



#55

Styrene

Concen: 55.718 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX029404.D

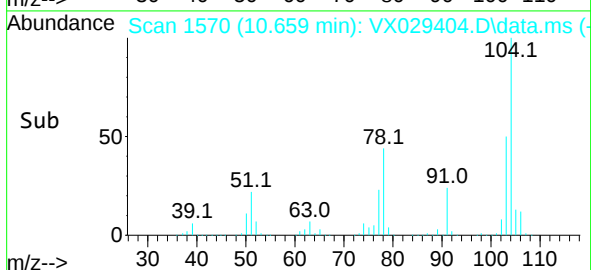
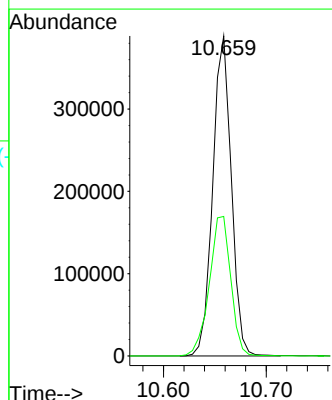
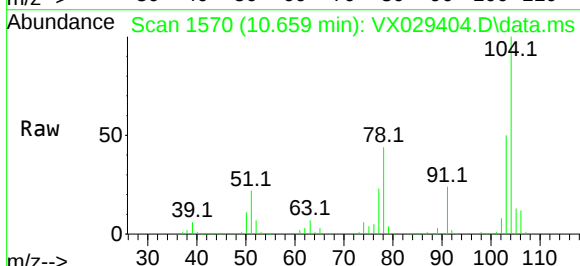
Acq: 13 Jun 2022 11:03

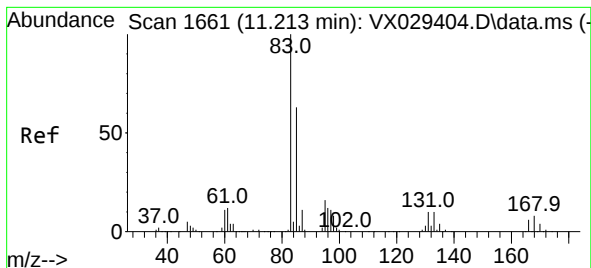
Tgt Ion:104 Resp: 487098

Ion Ratio Lower Upper

104 100

78 43.6 33.3 61.9

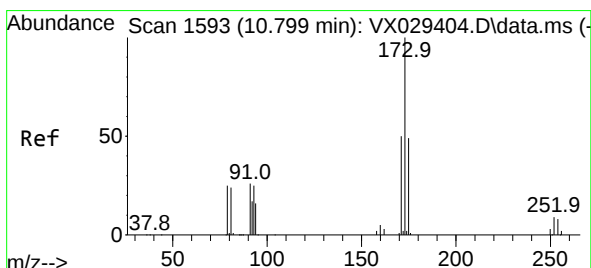
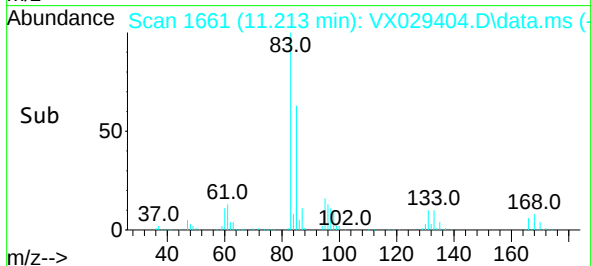
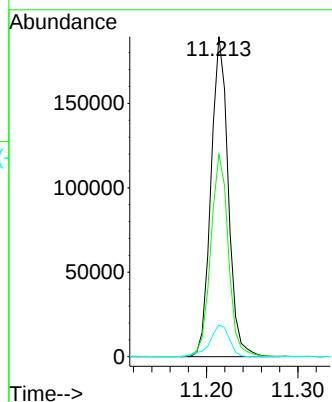
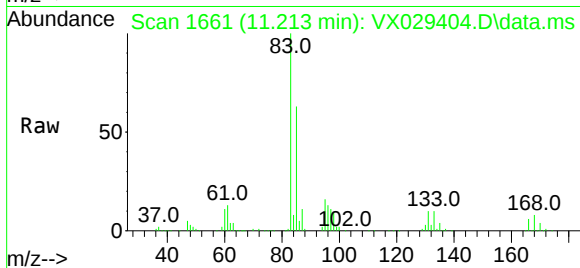




#57
1,1,2,2-Tetrachloroethane
Concen: 61.841 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

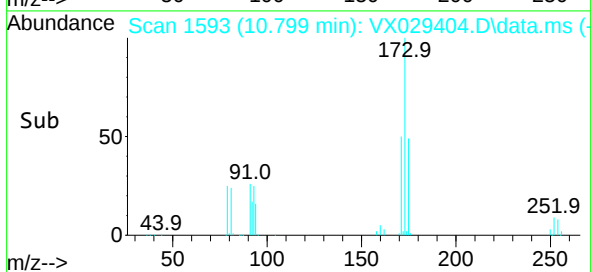
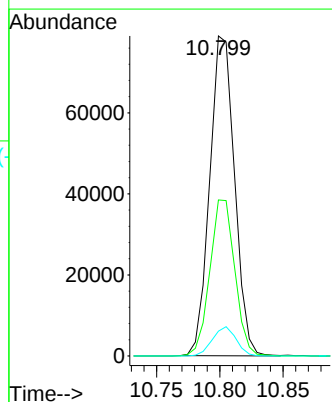
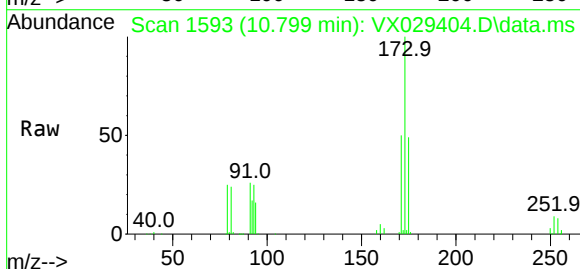
Instrument :
MSVOA_X
ClientSampleId :
VSTD050668

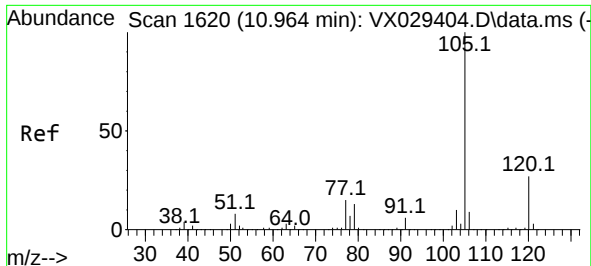
Tgt Ion: 83 Resp: 247837
Ion Ratio Lower Upper
83 100
85 63.2 45.8 85.2
131 10.0 8.5 12.7



#59
Bromoform
Concen: 49.980 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

Tgt Ion: 173 Resp: 107909
Ion Ratio Lower Upper
173 100
175 49.0 38.9 58.3
254 8.8 7.0 10.6

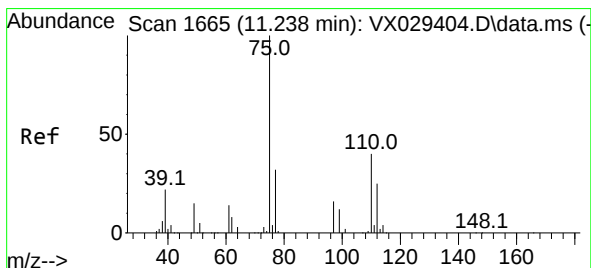
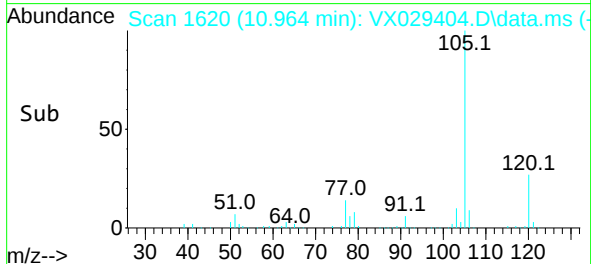
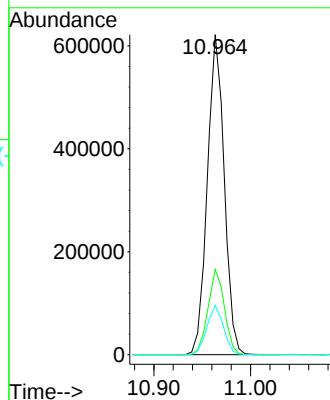
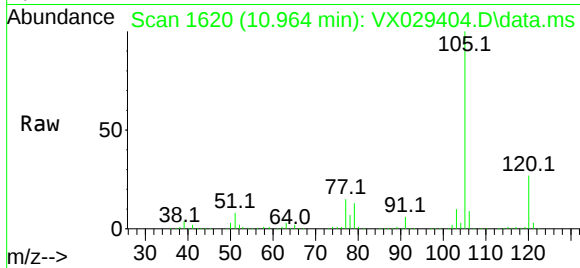




#60
Isopropylbenzene
Concen: 54.535 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

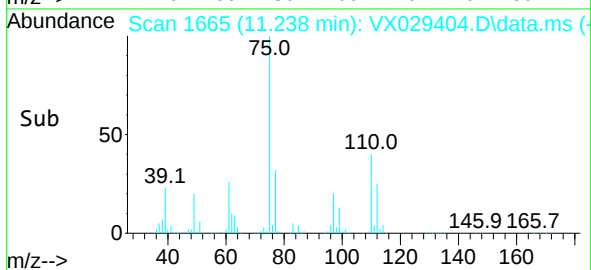
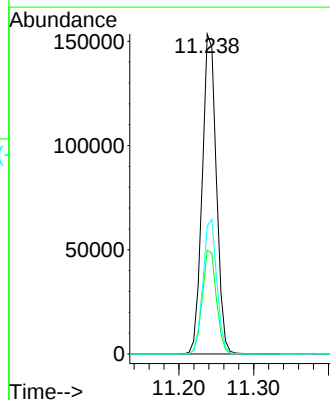
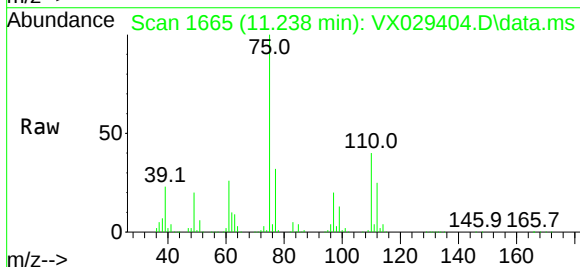
Instrument :
MSVOA_X
ClientSampleId :
VSTD050668

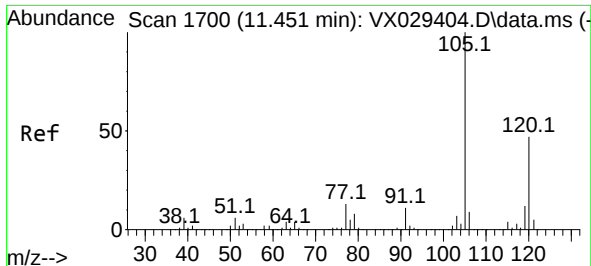
Tgt Ion:105 Resp: 756397
Ion Ratio Lower Upper
105 100
120 25.9 21.2 31.8
77 15.2 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 55.133 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX029404.D
Acq: 13 Jun 2022 11:03

Tgt Ion: 75 Resp: 201922
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6
110 41.4 33.4 50.0





#62

1,3,5-Trimethylbenzene

Concen: 64.552 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX029404.D

Acq: 13 Jun 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

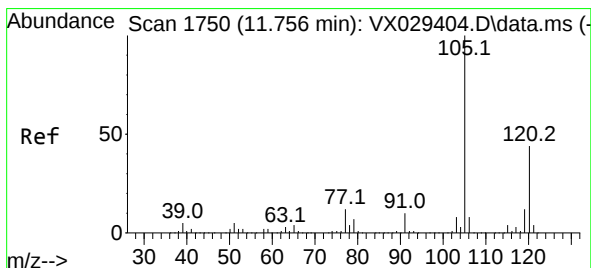
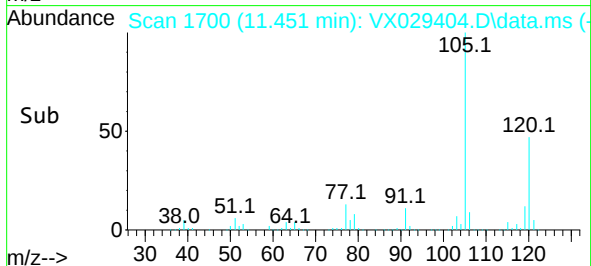
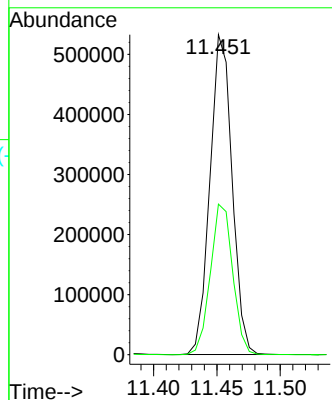
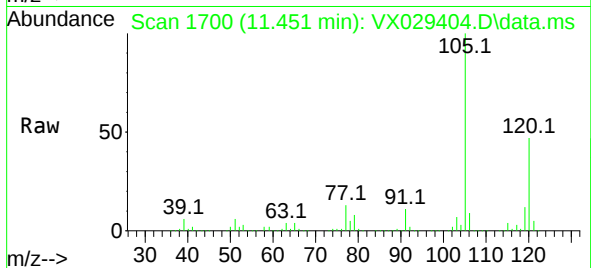
VSTD050668

Tgt Ion:105 Resp: 648359

Ion Ratio Lower Upper

105 100

120 47.5 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 55.531 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX029404.D

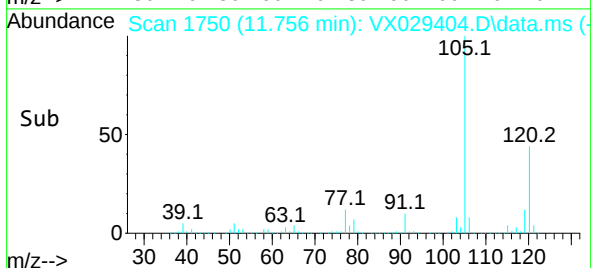
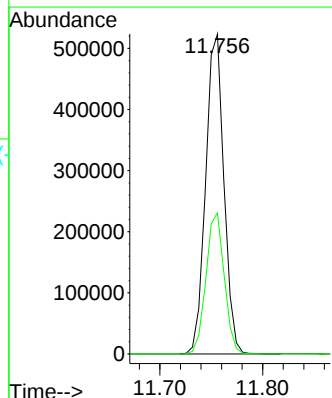
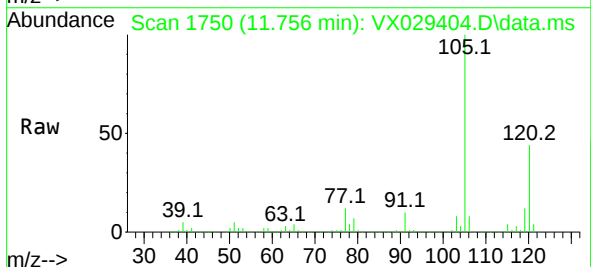
Acq: 13 Jun 2022 11:03

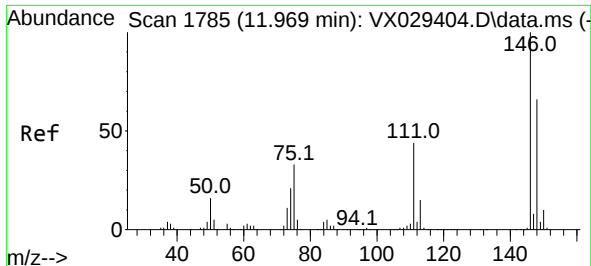
Tgt Ion:105 Resp: 645225

Ion Ratio Lower Upper

105 100

120 44.2 36.1 54.1

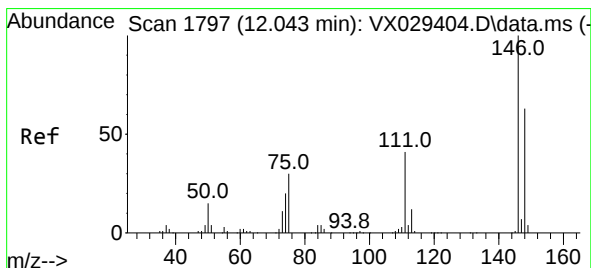
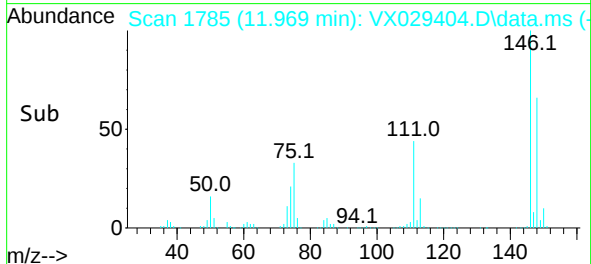
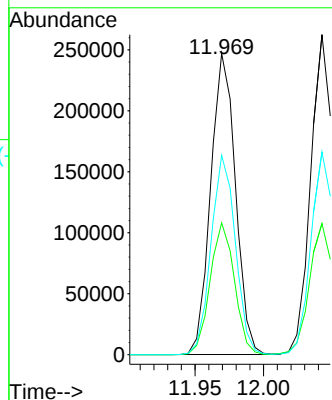
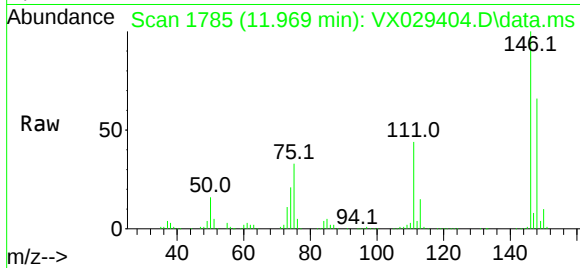




#64
 1,3-Dichlorobenzene
 Concen: 51.129 ug/L
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX029404.D
 Acq: 13 Jun 2022 11:03

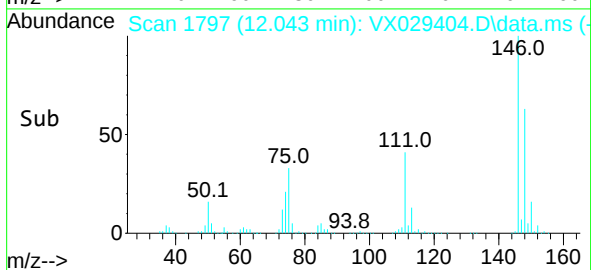
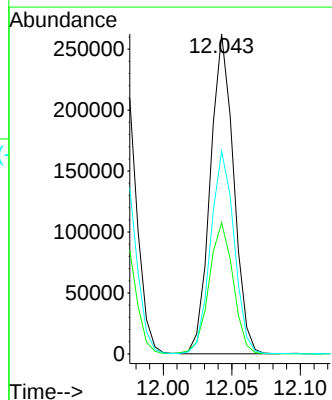
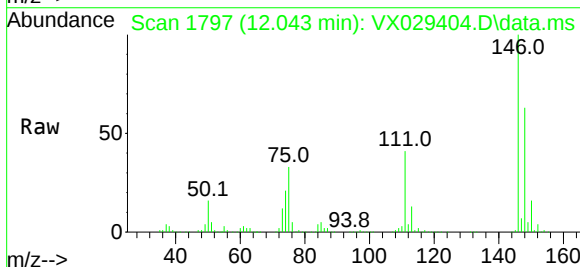
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050668

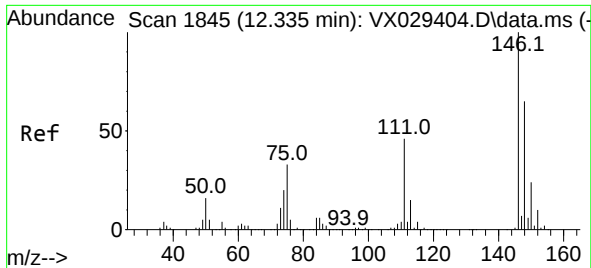
Tgt Ion:146 Resp: 310212
 Ion Ratio Lower Upper
 146 100
 111 43.8 28.3 52.7
 148 66.1 43.8 81.4



#65
 1,4-Dichlorobenzene
 Concen: 50.842 ug/L
 RT: 12.043 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VX029404.D
 Acq: 13 Jun 2022 11:03

Tgt Ion:146 Resp: 310365
 Ion Ratio Lower Upper
 146 100
 111 41.0 26.5 49.3
 148 63.4 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 52.767 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX029404.D

Acq: 13 Jun 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTD050668

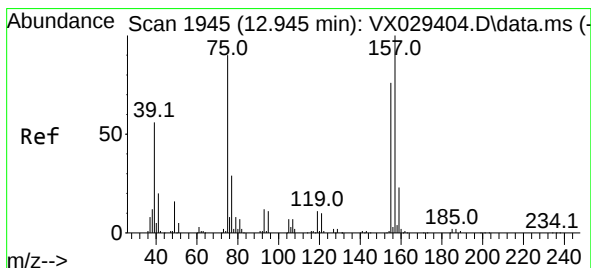
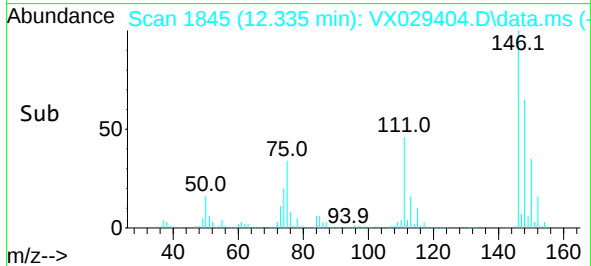
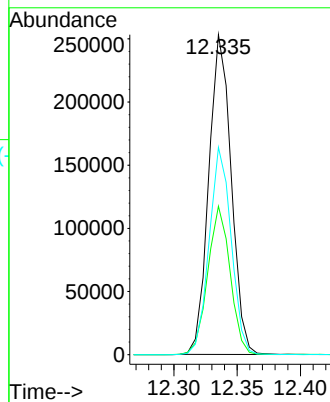
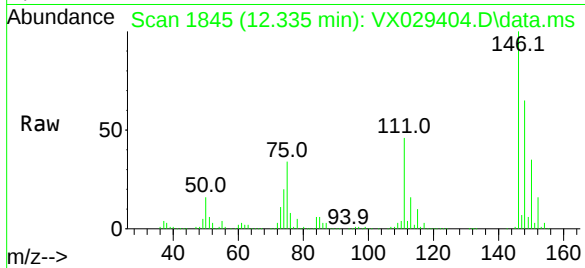
Tgt Ion:146 Resp: 312384

Ion Ratio Lower Upper

146 100

111 46.4 34.5 51.7

148 64.8 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 61.225 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX029404.D

Acq: 13 Jun 2022 11:03

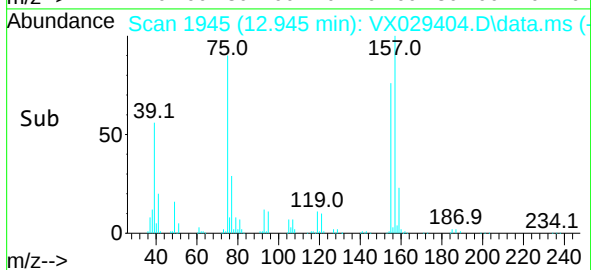
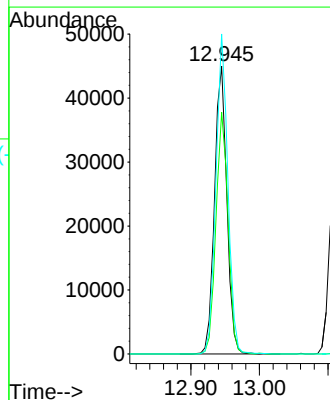
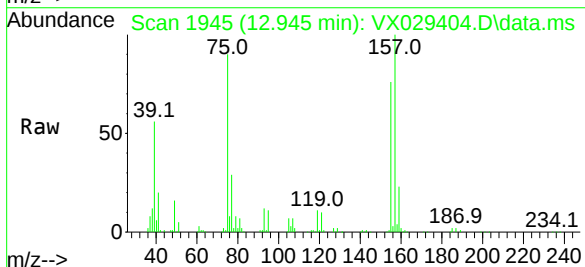
Tgt Ion: 75 Resp: 56245

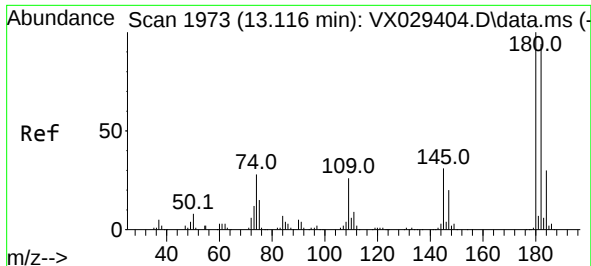
Ion Ratio Lower Upper

75 100

155 84.0 71.6 107.4

157 111.2 93.8 140.6

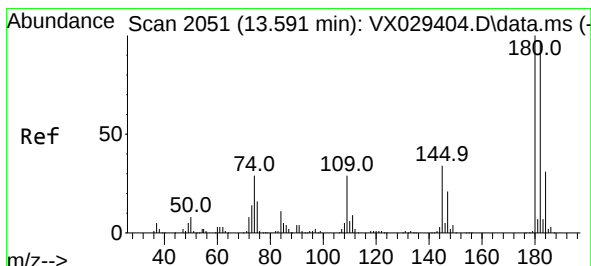
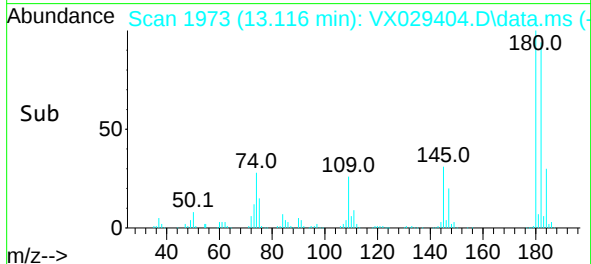
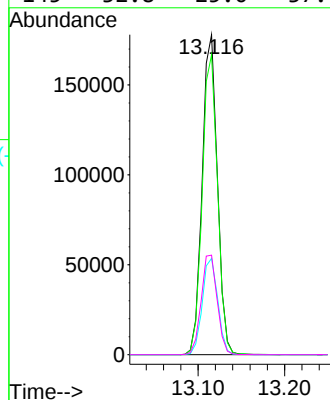
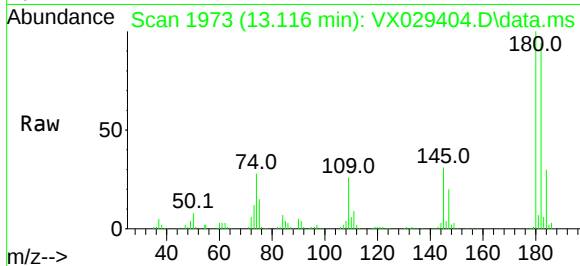




#69
 1,3,5-Trichlorobenzene
 Concen: 51.815 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX029404.D
 Acq: 13 Jun 2022 11:03

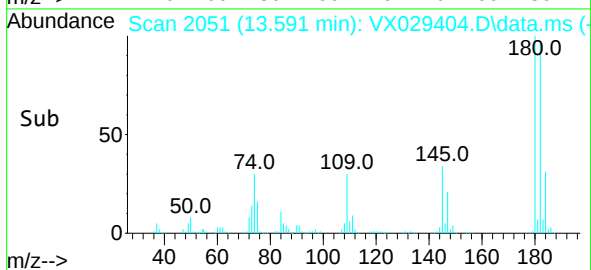
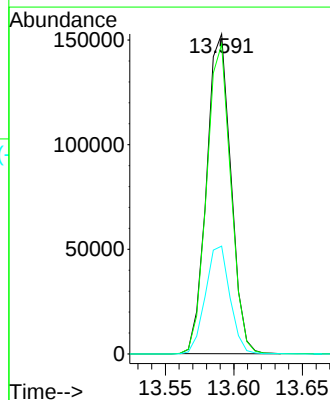
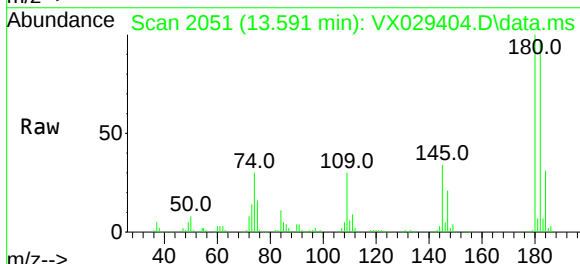
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050668

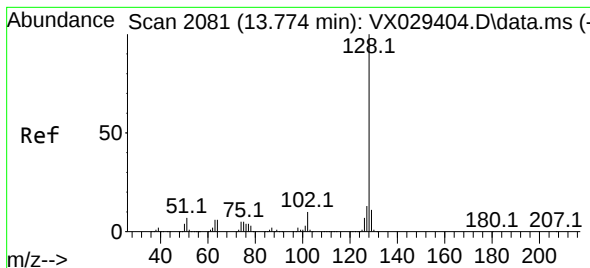
Tgt Ion:180 Resp: 216712
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.6 113.4
 184 30.6 23.6 35.4
 145 32.8 25.0 37.4



#70
 1,2,4-trichlorobenzene
 Concen: 51.173 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX029404.D
 Acq: 13 Jun 2022 11:03

Tgt Ion:180 Resp: 188795
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.4 113.2
 145 33.9 25.0 37.4





#71

Naphthalene

Concen: 57.796 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX029404.D

Acq: 13 Jun 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTD050668

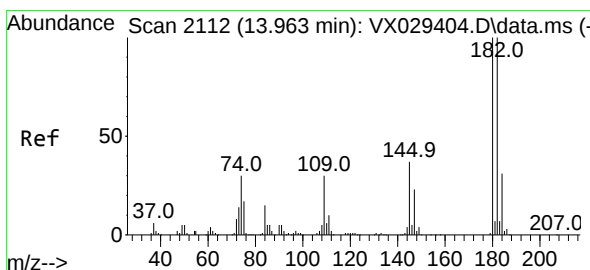
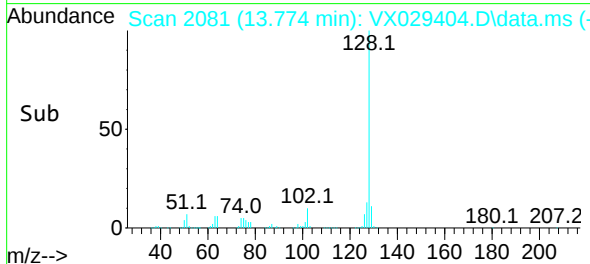
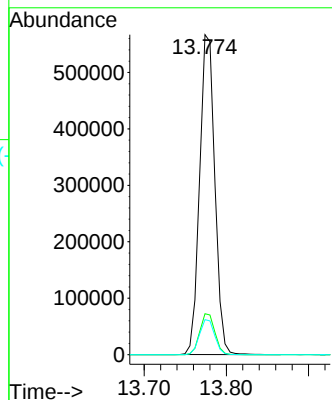
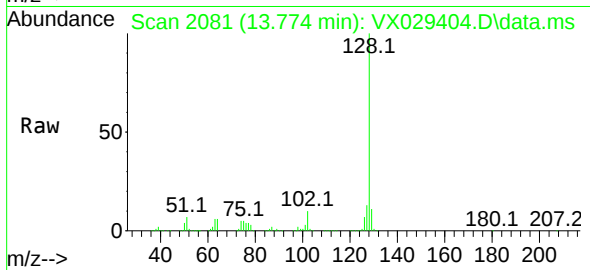
Tgt Ion:128 Resp: 728619

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 51.554 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX029404.D

Acq: 13 Jun 2022 11:03

Tgt Ion:180 Resp: 190927

Ion Ratio Lower Upper

180 100

182 96.7 77.0 115.4

145 36.3 27.4 41.0

