

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029405.D
 Acq On : 13 Jun 2022 11:26
 Operator : JC/MD
 Sample : VSTD10069
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD10069

Quant Time: Jun 13 12:10:38 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	385904	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	360360	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	194226	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	294995	87.547	ug/L	0.00
7) Chloroethane-d5	1.666	69	161364	75.597	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	532254	83.086	ug/L	0.00
21) 2-Butanone-d5	4.464	46	465616	196.858	ug/L	0.00
24) Chloroform-d	5.062	84	570786	90.034	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	356950	86.928	ug/L	0.00
32) Benzene-d6	5.976	84	1112728	87.732	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.311	67	330705	87.718	ug/L	0.00
41) Toluene-d8	8.653	98	1044240	89.919	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	171154	98.346	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	380032	224.068	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	494029	105.781	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	401652	91.572	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	354583	84.369	ug/L	100
3) Chloromethane	1.288	50	331550	97.344	ug/L	98
5) Vinyl chloride	1.373	62	326447	95.561	ug/L	98
6) Bromomethane	1.611	94	150195	101.096	ug/L	99
8) Chloroethane	1.684	64	147689	79.055	ug/L	97
9) Trichlorofluoromethane	1.886	101	461406	95.933	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	269395	89.346	ug/L	98
12) 1,1-Dichloroethene	2.318	96	257620	92.791	ug/L	82
13) Acetone	2.392	43	268101	137.121	ug/L	96
14) Carbon disulfide	2.513	76	711118	87.492	ug/L	99
15) Methyl Acetate	2.709	43	295145	92.957	ug/L	93
16) Methylene chloride	2.788	84	281962	92.516	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	271432	92.262	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	916842	99.441	ug/L	97
19) 1,1-Dichloroethane	3.611	63	482003	91.562	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	309589	95.310	ug/L	99
22) 2-Butanone	4.562	43	444214	171.157	ug/L	95
23) Bromochloromethane	4.903	128	152698	92.415	ug/L	96
25) Chloroform	5.098	83	532804	94.139	ug/L	98
27) 1,2-Dichloroethane	6.086	62	405338	92.430	ug/L	99
29) Cyclohexane	5.476	56	458432	90.536	ug/L	94
30) 1,1,1-Trichloroethane	5.385	97	481346	97.940	ug/L	97
31) Carbon tetrachloride	5.678	117	393866	91.933	ug/L	99
33) Benzene	6.043	78	1144343	94.801	ug/L	100
34) Trichloroethene	7.128	95	328585	93.972	ug/L	96
35) Methylcyclohexane	7.385	83	512007	98.072	ug/L	97
37) 1,2-Dichloropropane	7.433	63	282656	92.964	ug/L	100
38) Bromodichloromethane	7.823	83	400434	97.654	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	462533	101.024	ug/L	98
40) 4-Methyl-2-pentanone	8.579	43	849835	196.628	ug/L #	93
42) Toluene	8.720	91	1260301	96.758	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	442976	102.914	ug/L	99

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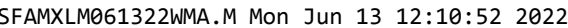
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 MSVOA_X
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 VSTD10069

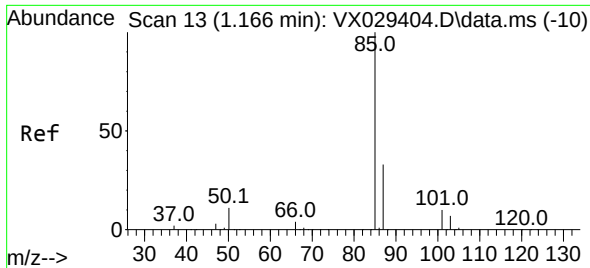
Quant Time: Jun 13 12:10:38 2022
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 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 12:07:22 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	294724	98.470	ug/L	98
46) Tetrachloroethene	9.274	164	230844	91.328	ug/L	97
48) 2-Hexanone	9.433	43	666279	192.054	ug/L #	93
49) Dibromochloromethane	9.524	129	317993	97.700	ug/L	99
50) 1,2-Dibromoethane	9.610	107	320923	101.551	ug/L	98
51) Chlorobenzene	10.079	112	806126	97.168	ug/L	98
52) Ethylbenzene	10.195	91	1400923	99.482	ug/L	99
53) m,p-Xylene	10.305	106	553203	99.848	ug/L	96
54) o-Xylene	10.646	106	541528	101.475	ug/L	95
55) Styrene	10.658	104	926603	102.501	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	471341	113.738	ug/L	100
59) Bromoform	10.805	173	212968	92.506	ug/L	100
60) Isopropylbenzene	10.963	105	1405104	95.007	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	380208	97.358	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1234428	115.260	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	1231224	99.375	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	612677	94.702	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	613867	94.308	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	602191	95.395	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	109310	111.589	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	417969	93.720	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	388848	98.844	ug/L	98
71) Naphthalene	13.780	128	1410762	104.947	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	381325	96.562	ug/L	98

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

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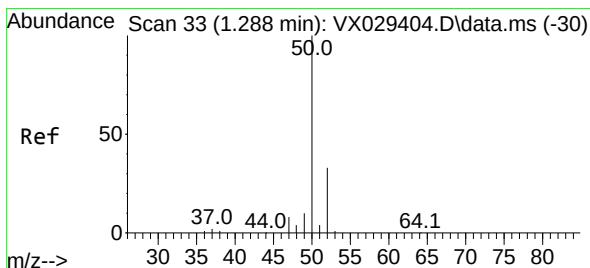
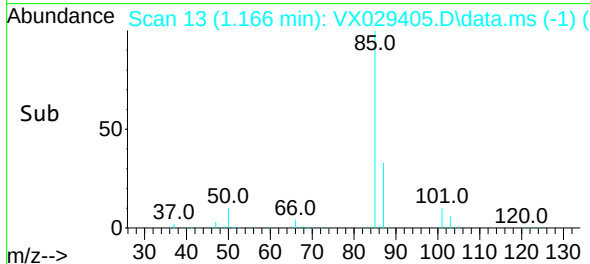
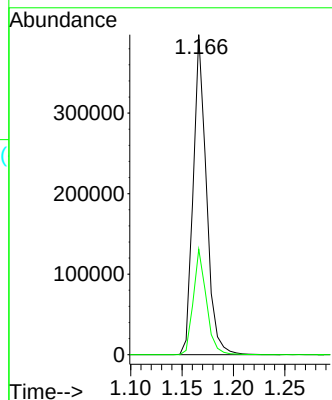
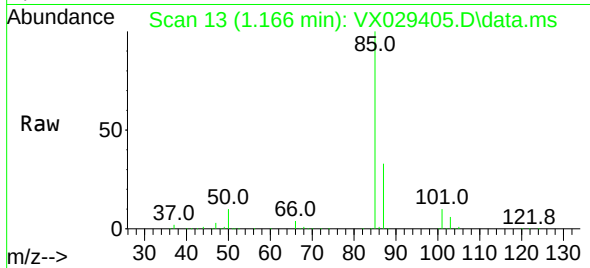




#2
 Dichlorodifluoromethane
 Concen: 84.369 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029405.D
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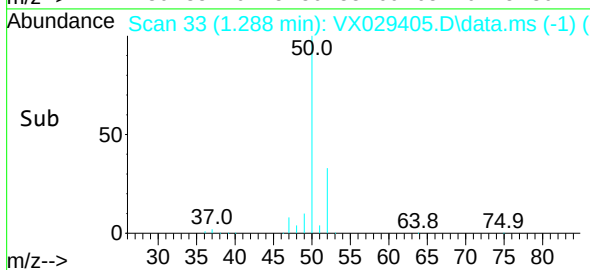
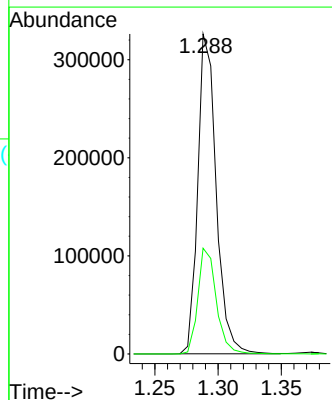
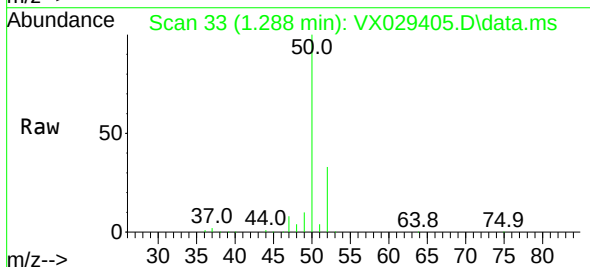
Instrument :
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 ClientSampleId :
 VSTD100669

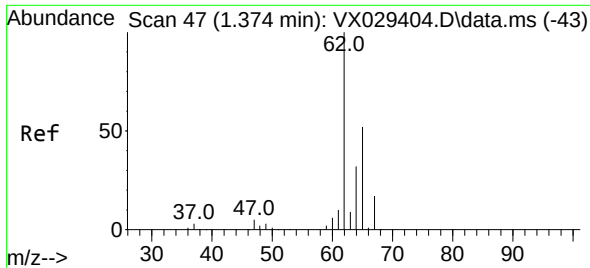
Tgt Ion: 85 Resp: 354583
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 97.344 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.000 min
 Lab File: VX029405.D
 Acq: 13 Jun 2022 11:26

Tgt Ion: 50 Resp: 331550
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.5 41.7

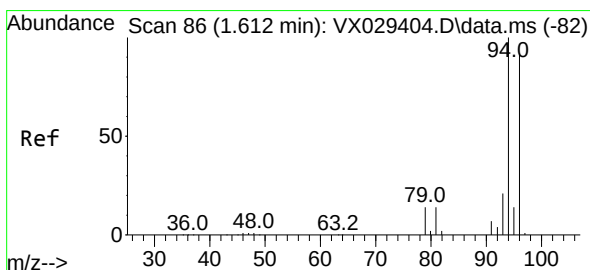
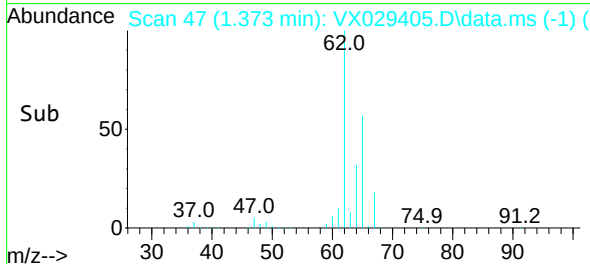
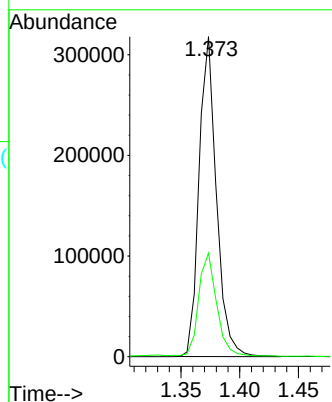
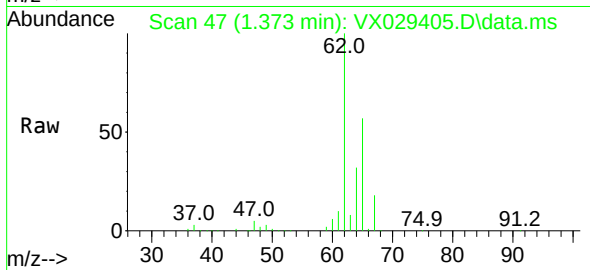




#5
 Vinyl chloride
 Concen: 95.561 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029405.D
 Acq: 13 Jun 2022 11:26

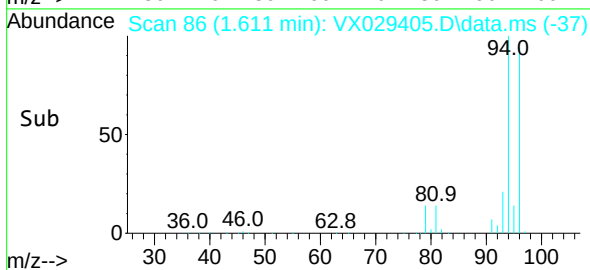
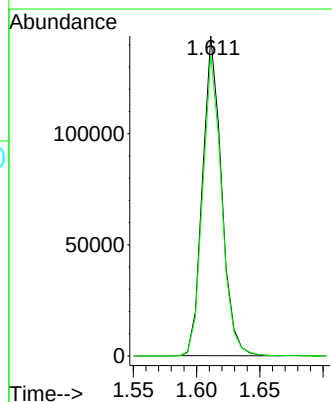
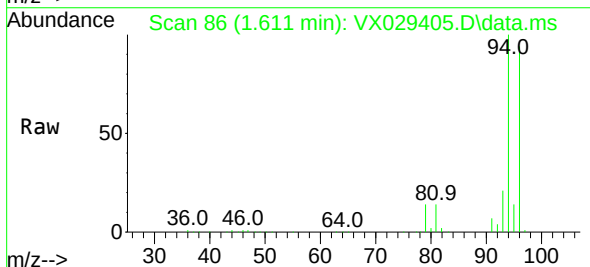
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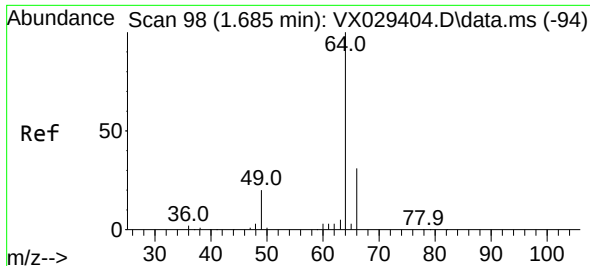
Tgt Ion: 62 Resp: 326447
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.3 43.3



#6
 Bromomethane
 Concen: 101.096 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX029405.D
 Acq: 13 Jun 2022 11:26

Tgt Ion: 94 Resp: 150195
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.9 120.5

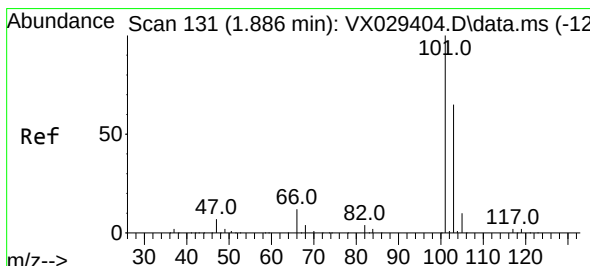
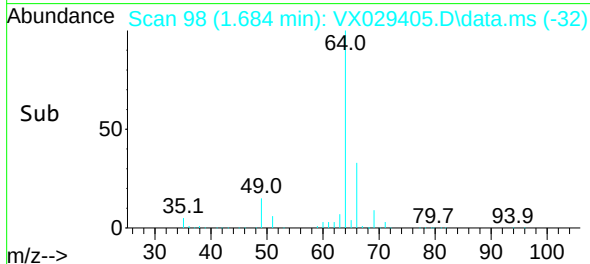
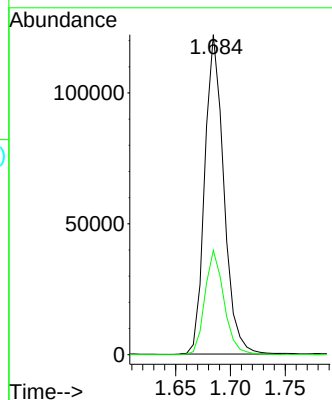
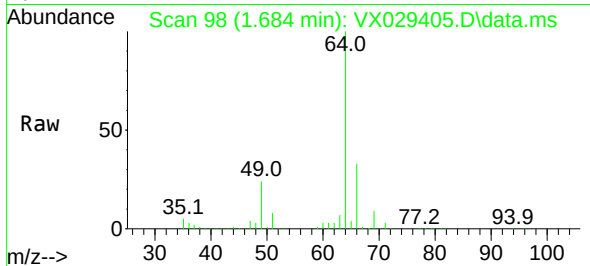




#8
Chloroethane
Concen: 79.055 ug/L
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

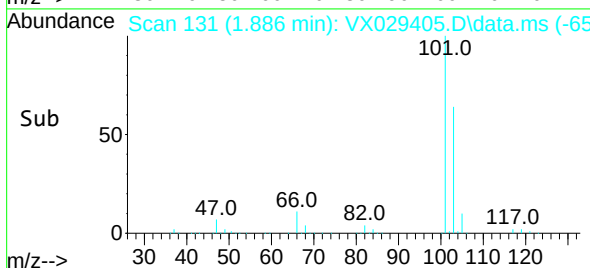
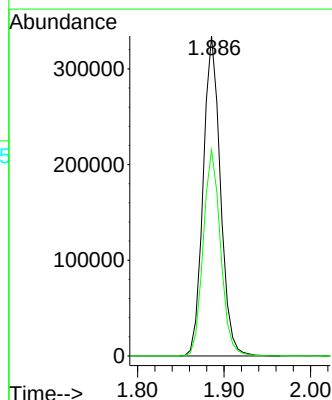
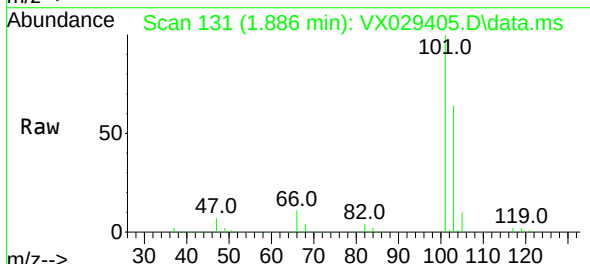
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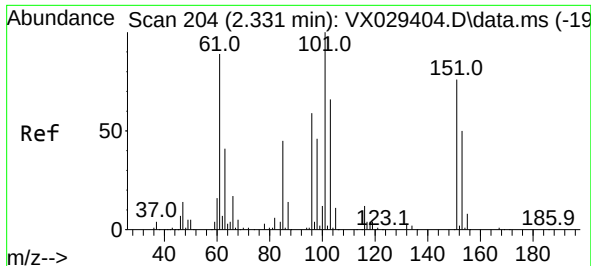
Tgt Ion: 64 Resp: 147689
Ion Ratio Lower Upper
64 100
66 32.6 24.2 45.0



#9
Trichlorofluoromethane
Concen: 95.933 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 101 Resp: 461406
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8

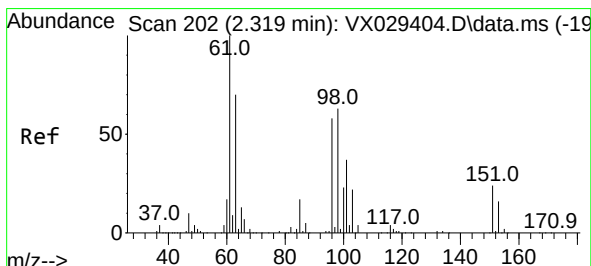
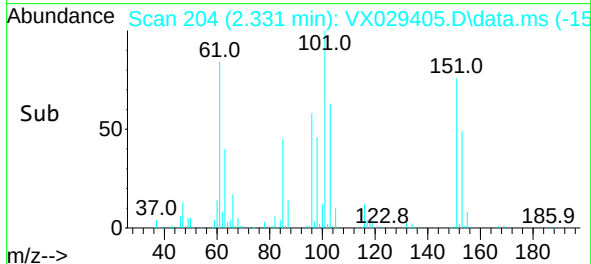
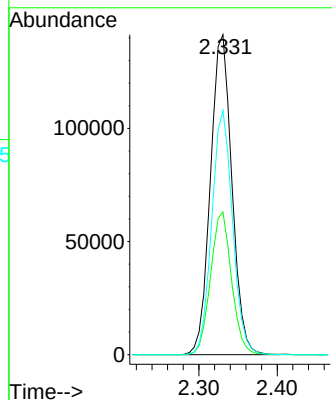
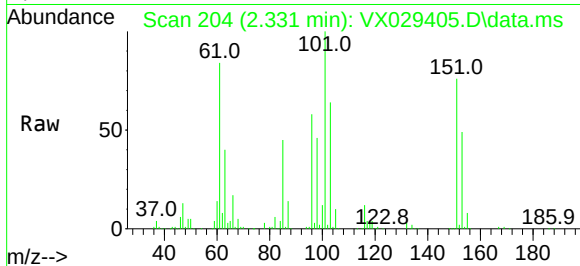




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 89.346 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX029405.D
 Acq: 13 Jun 2022 11:26

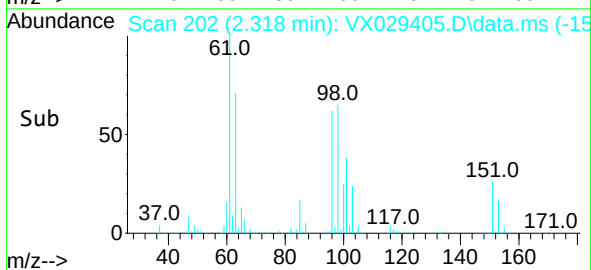
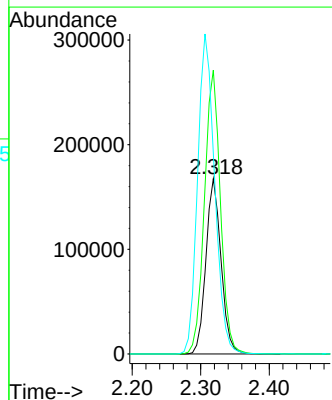
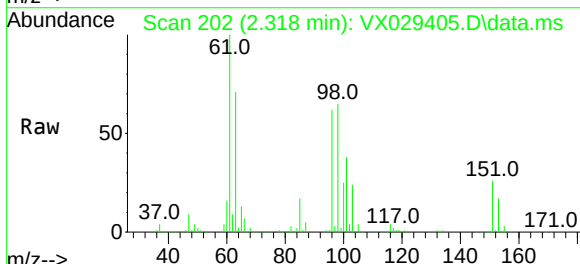
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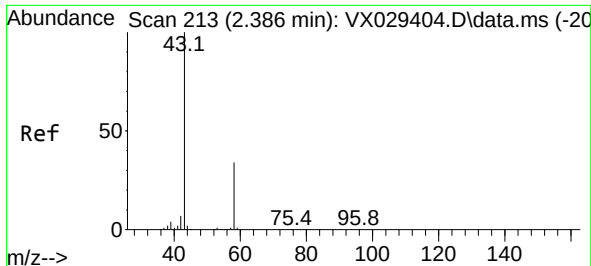
Tgt Ion:101 Resp: 269395
 Ion Ratio Lower Upper
 101 100
 85 43.6 33.9 50.9
 151 74.1 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 92.791 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX029405.D
 Acq: 13 Jun 2022 11:26

Tgt Ion: 96 Resp: 257620
 Ion Ratio Lower Upper
 96 100
 61 162.0 118.2 219.4
 63 114.6 109.6 203.4

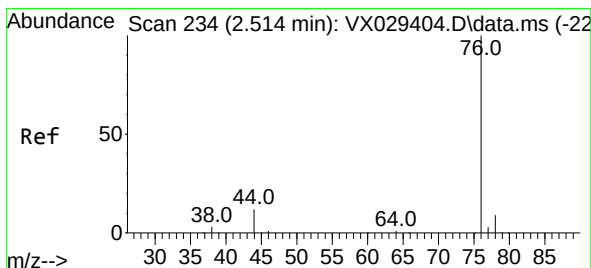
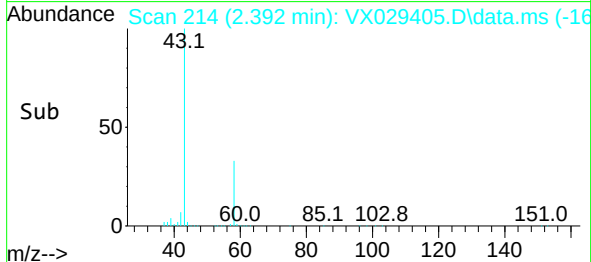
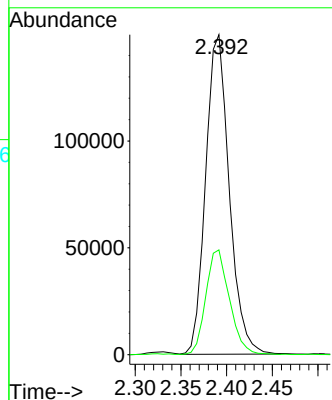
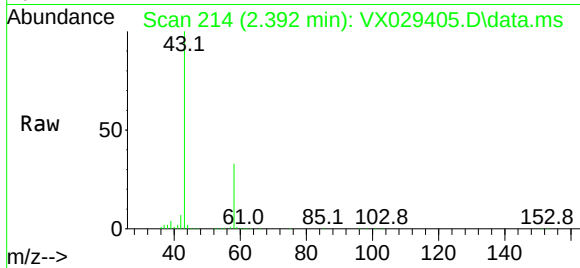




#13
Acetone
Concen: 137.121 ug/L
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

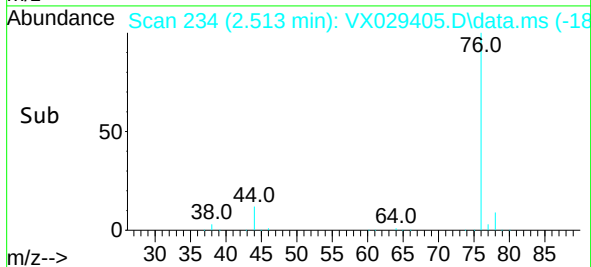
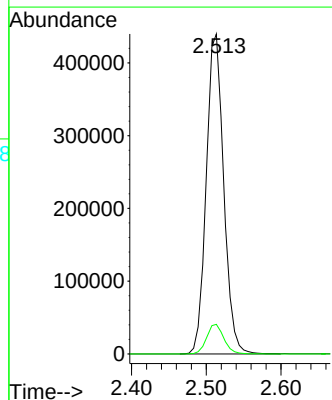
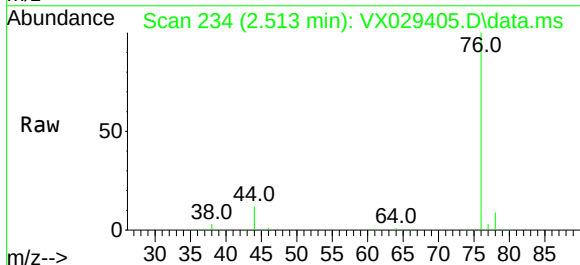
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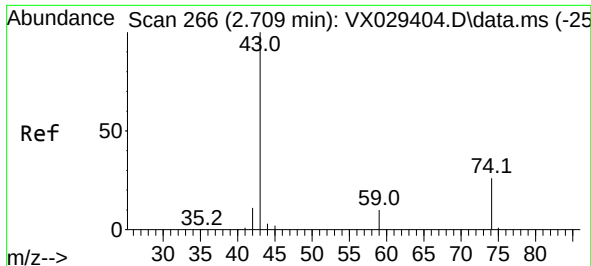
Tgt Ion: 43 Resp: 268101
Ion Ratio Lower Upper
43 100
58 32.9 0.0 61.4



#14
Carbon disulfide
Concen: 87.492 ug/L
RT: 2.513 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 76 Resp: 711118
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

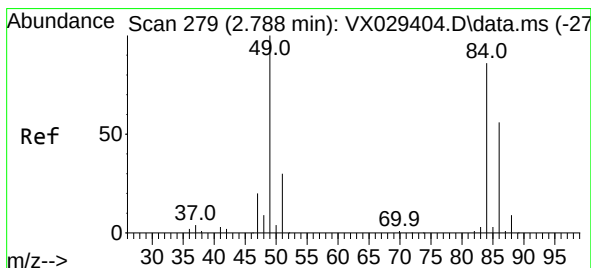
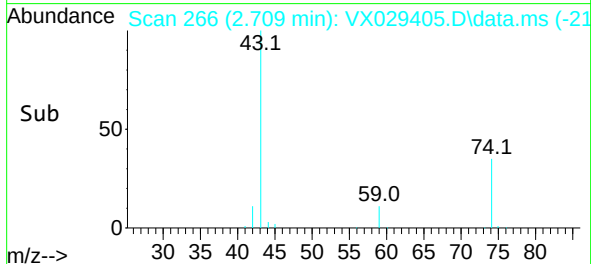
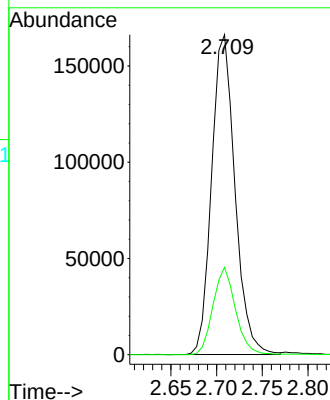
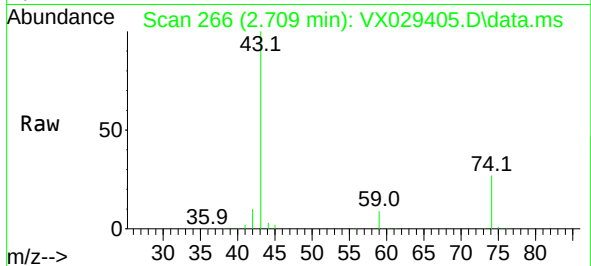




#15
Methyl Acetate
Concen: 92.957 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

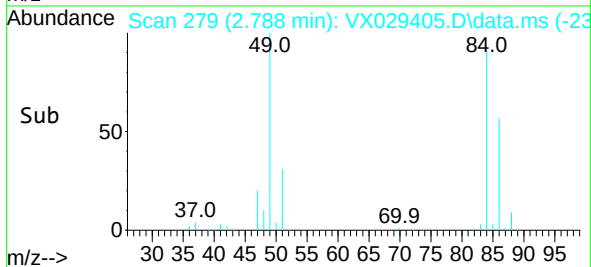
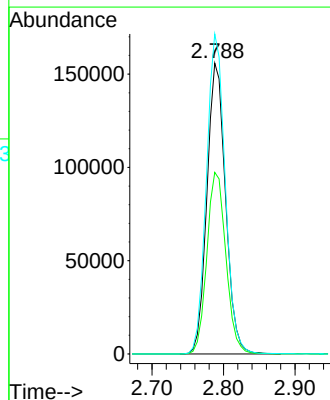
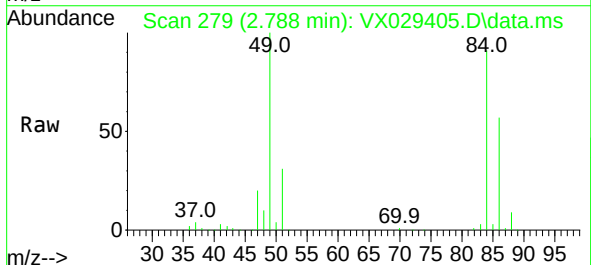
Instrument :
MSVOA_X
ClientSampleId :
VSTD100669

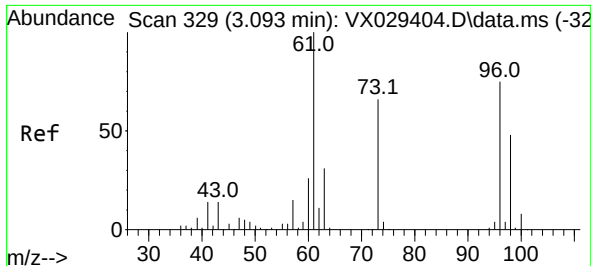
Tgt Ion: 43 Resp: 295145
Ion Ratio Lower Upper
43 100
74 26.3 18.2 27.4



#16
Methylene chloride
Concen: 92.516 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 84 Resp: 281962
Ion Ratio Lower Upper
84 100
86 62.4 44.8 83.2
49 110.0 87.0 161.6

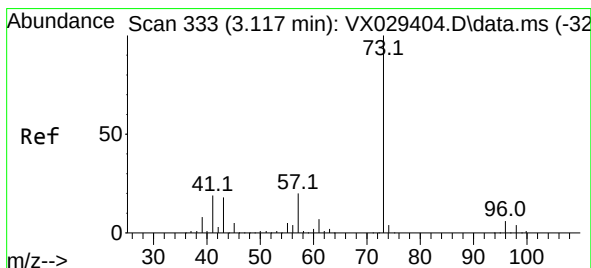
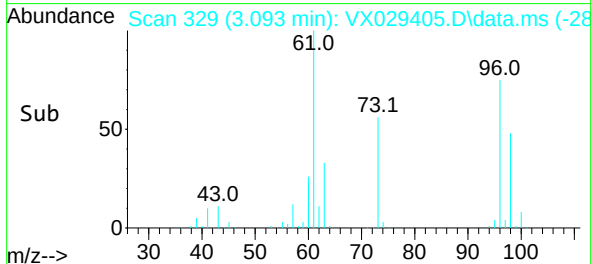
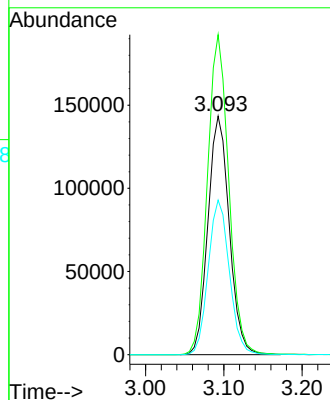
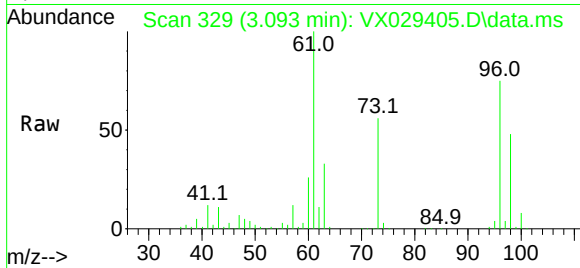




#17
trans-1,2-Dichloroethene
Concen: 92.262 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

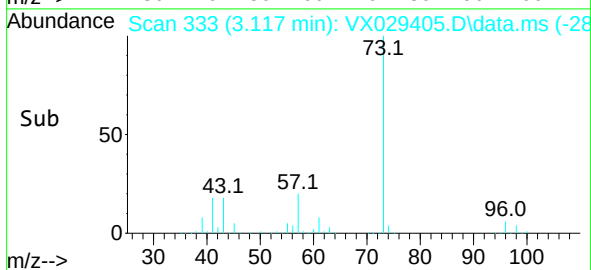
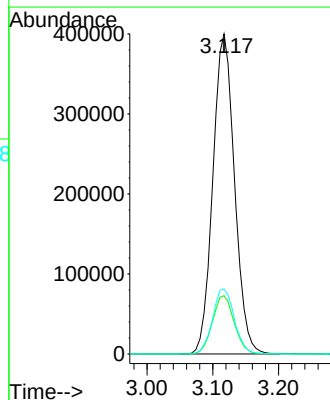
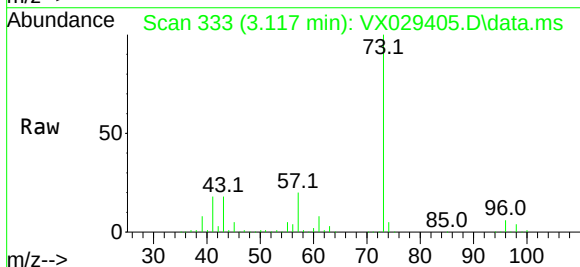
Instrument :
MSVOA_X
ClientSampleId :
VSTD100669

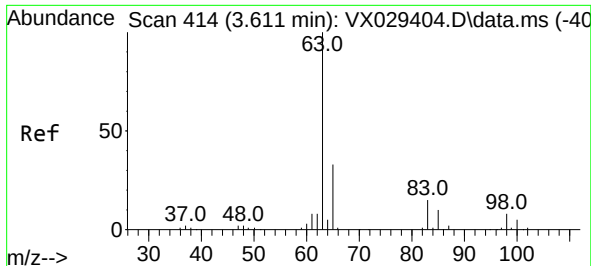
Tgt Ion: 96 Resp: 271432
Ion Ratio Lower Upper
96 100
61 134.1 93.0 172.6
98 64.8 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 99.441 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 73 Resp: 916842
Ion Ratio Lower Upper
73 100
43 18.3 16.2 24.4
57 20.5 17.1 25.7





#19

1,1-Dichloroethane

Concen: 91.562 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX029405.D

Acq: 13 Jun 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTD100669

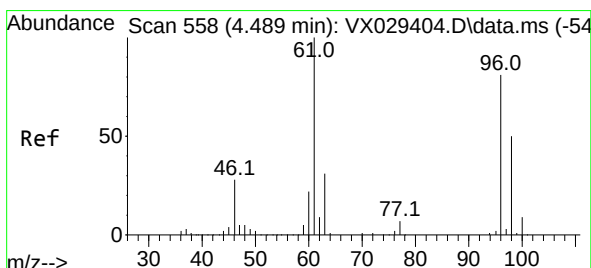
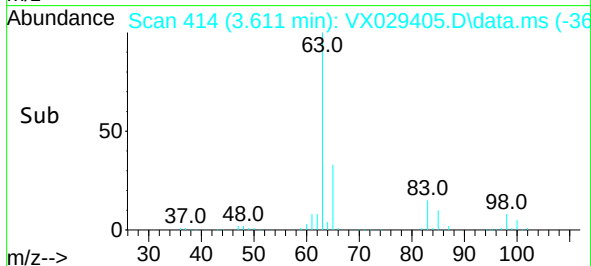
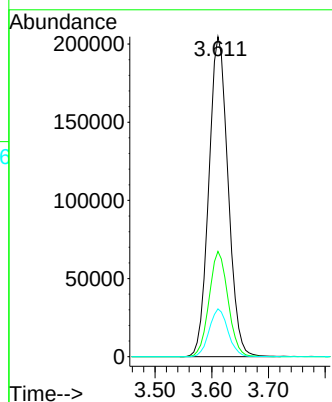
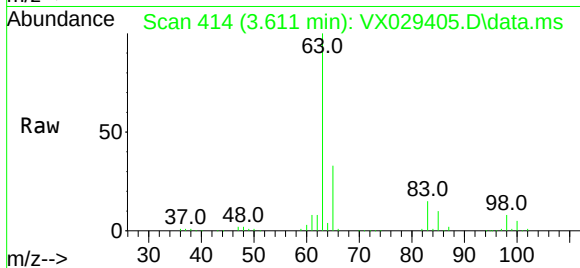
Tgt Ion: 63 Resp: 482003

Ion Ratio Lower Upper

63 100

65 32.9 22.9 42.5

83 14.9 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 95.310 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX029405.D

Acq: 13 Jun 2022 11:26

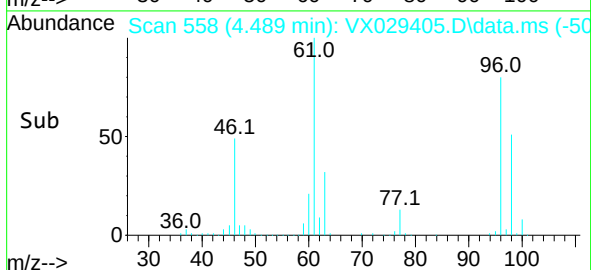
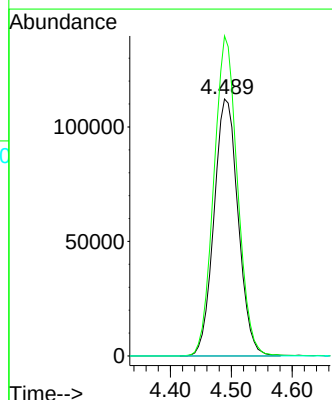
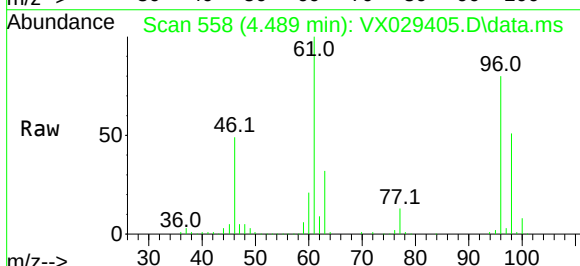
Tgt Ion: 96 Resp: 309589

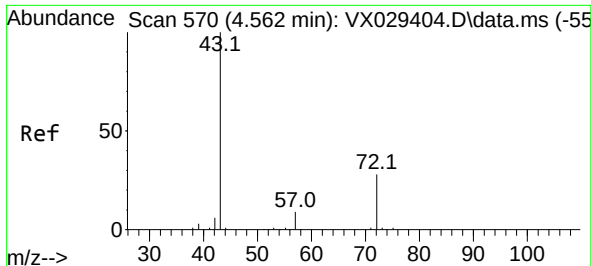
Ion Ratio Lower Upper

96 100

61 124.5 86.7 161.1

68 0.0 0.0 0.0

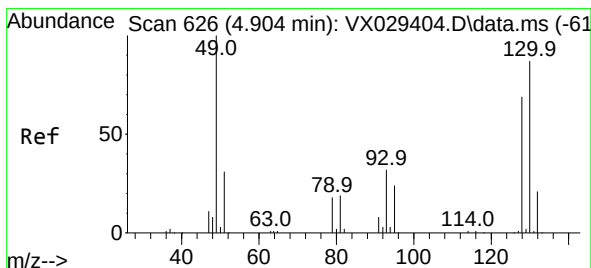
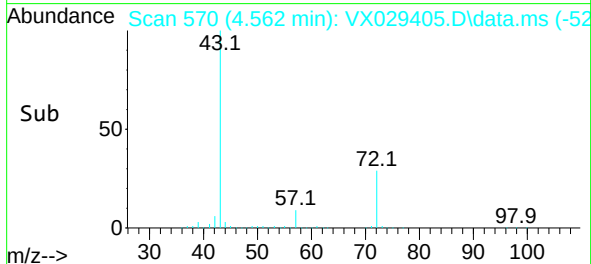
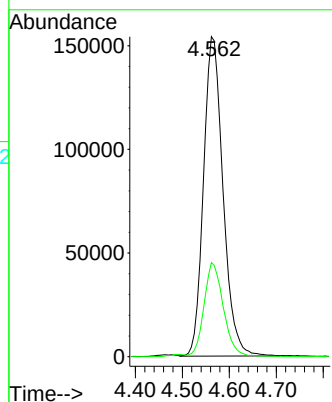
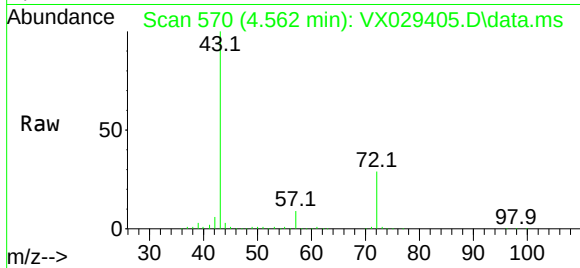




#22
2-Butanone
Concen: 171.157 ug/L
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

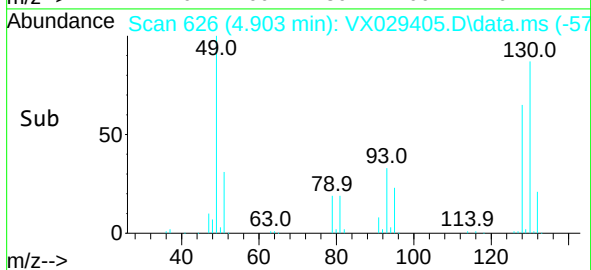
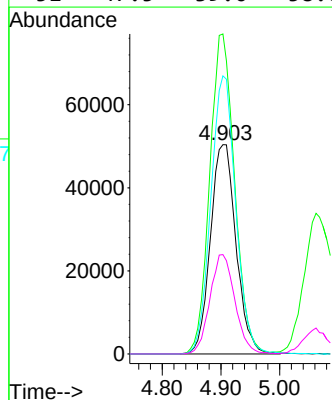
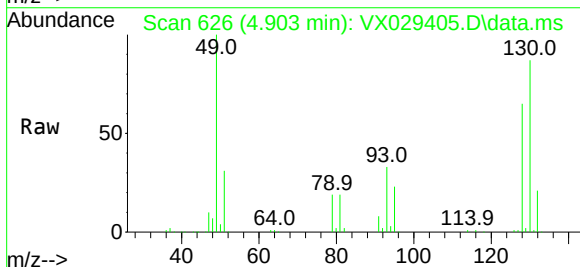
Instrument :
MSVOA_X
ClientSampleId :
VSTD100669

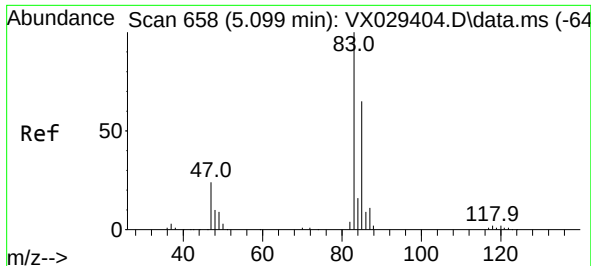
Tgt Ion: 43 Resp: 444214
Ion Ratio Lower Upper
43 100
72 28.9 13.2 39.5



#23
Bromochloromethane
Concen: 92.415 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

Tgt Ion:128 Resp: 152698
Ion Ratio Lower Upper
128 100
49 152.9 110.2 204.6
130 132.9 88.2 163.8
51 47.5 39.0 58.6

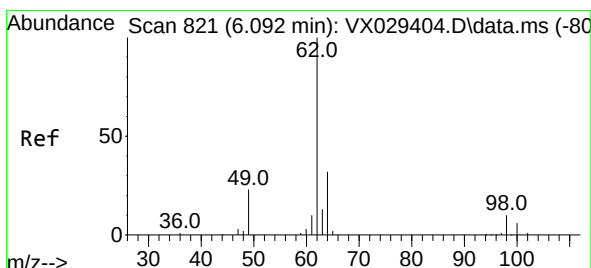
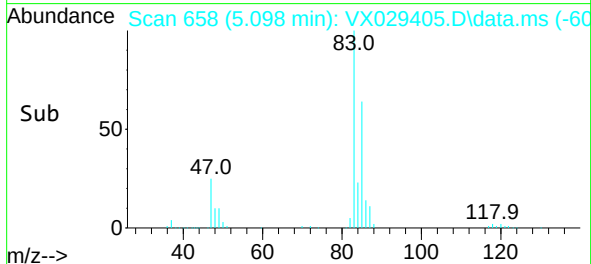
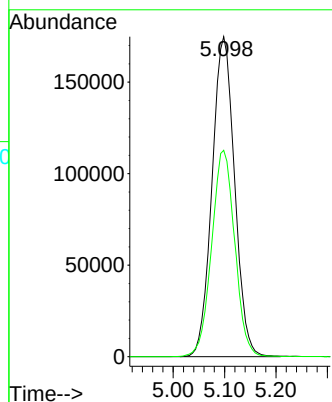
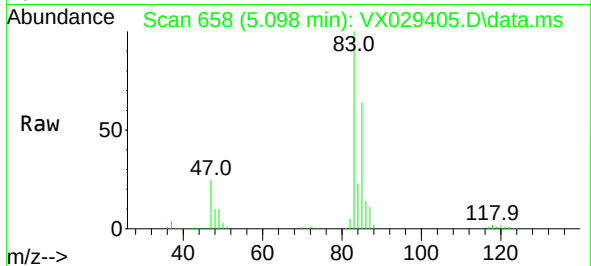




#25
Chloroform
Concen: 94.139 ug/L
RT: 5.098 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

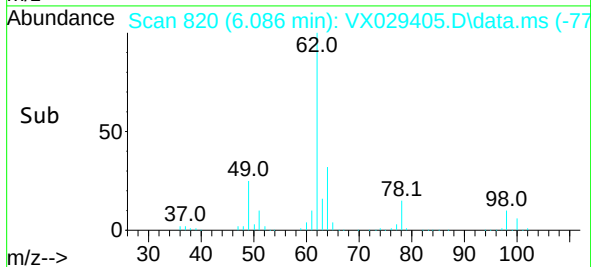
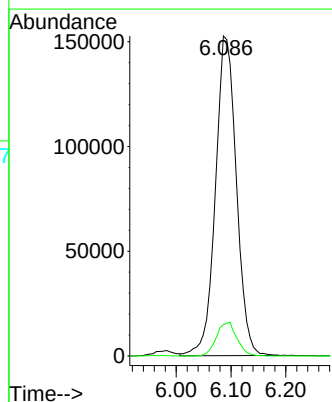
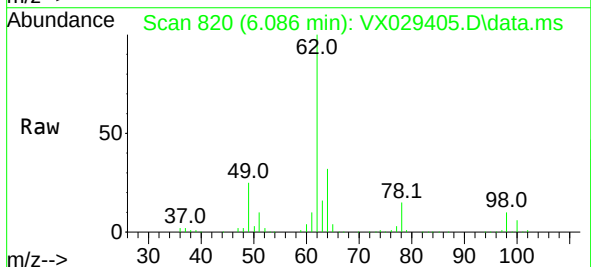
Instrument :
MSVOA_X
ClientSampleId :
VSTD100669

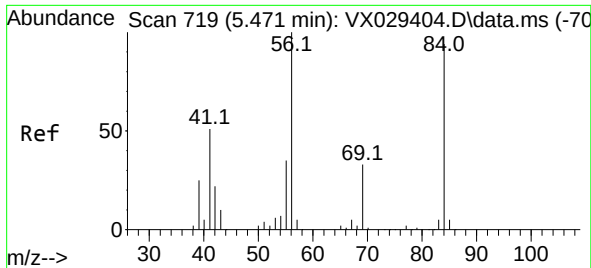
Tgt Ion: 83 Resp: 532804
Ion Ratio Lower Upper
83 100
85 64.5 44.2 82.2



#27
1,2-Dichloroethane
Concen: 92.430 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 62 Resp: 405338
Ion Ratio Lower Upper
62 100
98 9.8 8.2 12.2

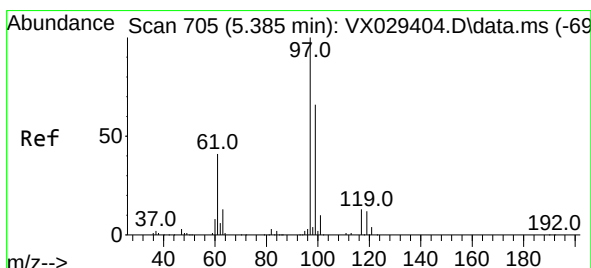
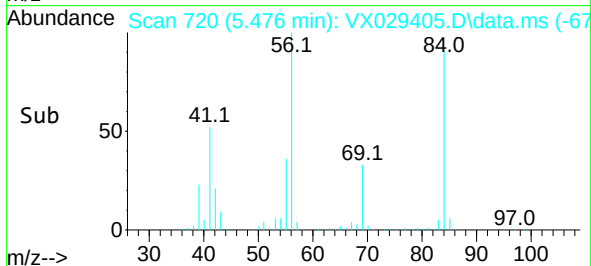
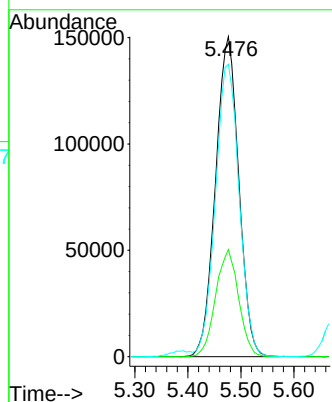
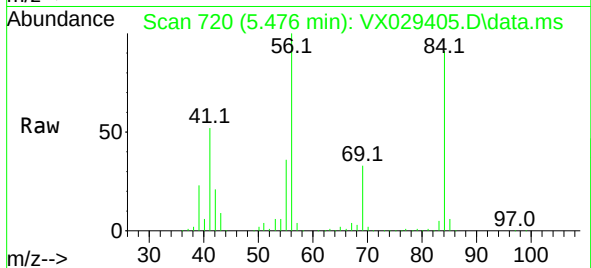




#29
Cyclohexane
Concen: 90.536 ug/L
RT: 5.476 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

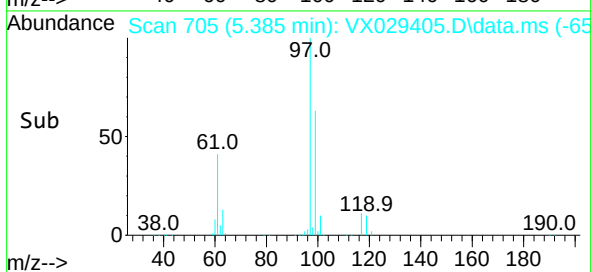
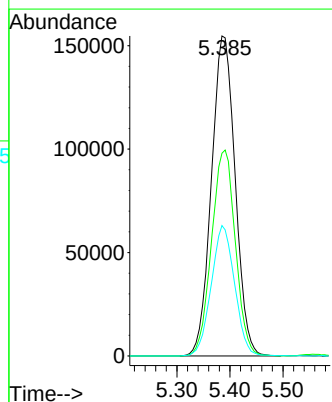
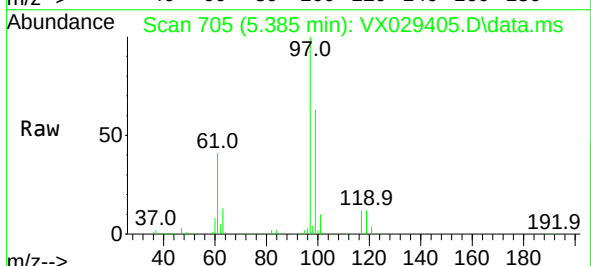
Instrument :
MSVOA_X
ClientSampleId :
VSTD100669

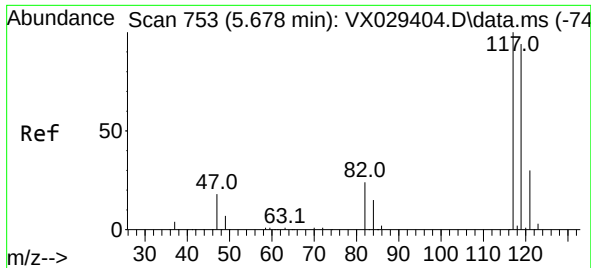
Tgt Ion: 56 Resp: 458432
Ion Ratio Lower Upper
56 100
69 33.1 24.6 36.8
84 93.5 69.8 104.8



#30
1,1,1-Trichloroethane
Concen: 97.940 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 97 Resp: 481346
Ion Ratio Lower Upper
97 100
99 64.6 51.5 77.3
61 40.1 35.2 52.8

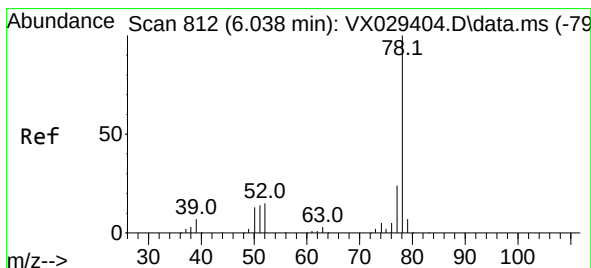
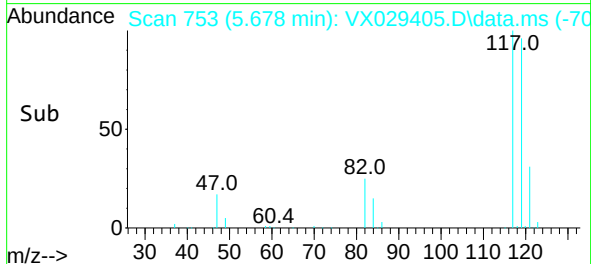
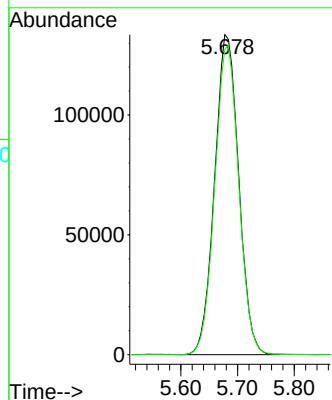
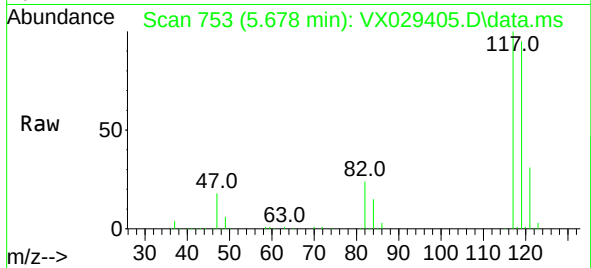




#31
Carbon tetrachloride
Concen: 91.933 ug/L
RT: 5.678 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

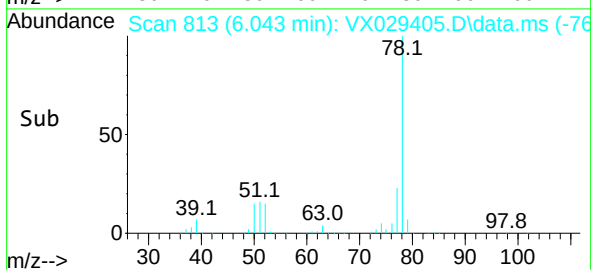
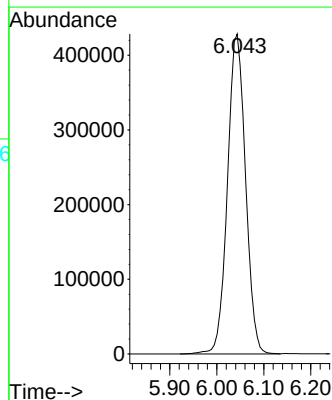
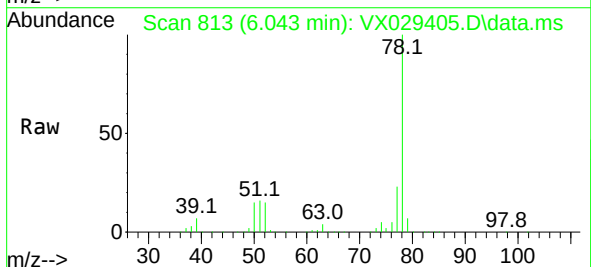
Instrument :
MSVOA_X
ClientSampleId :
VSTD100669

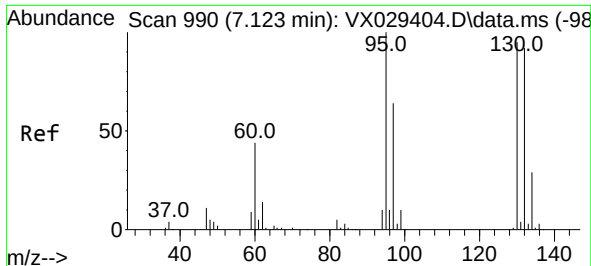
Tgt Ion:117 Resp: 393866
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.8



#33
Benzene
Concen: 94.801 ug/L
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 78 Resp: 1144343

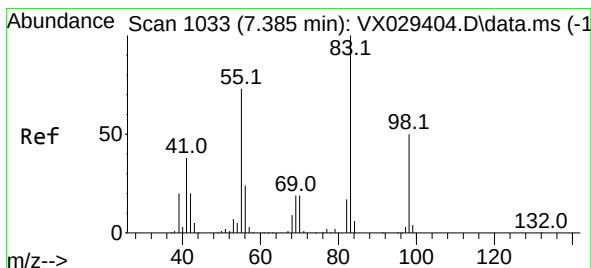
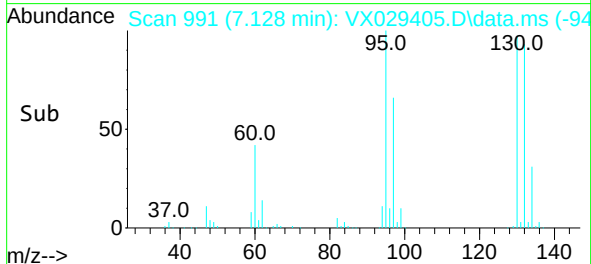
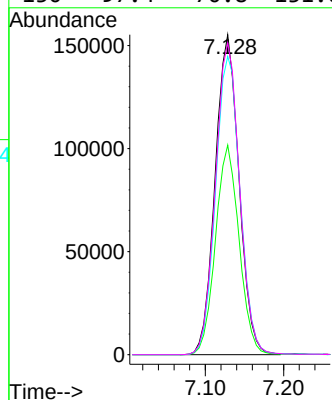
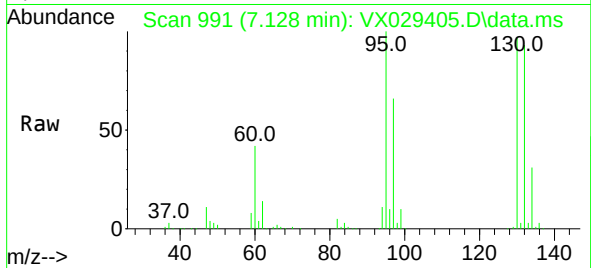




#34
Trichloroethene
Concen: 93.972 ug/L
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

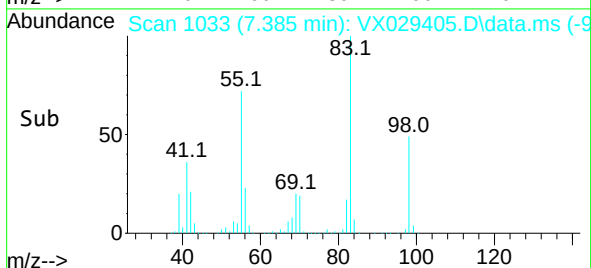
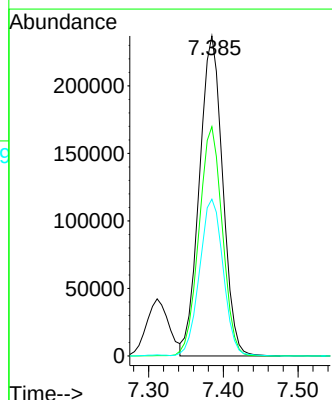
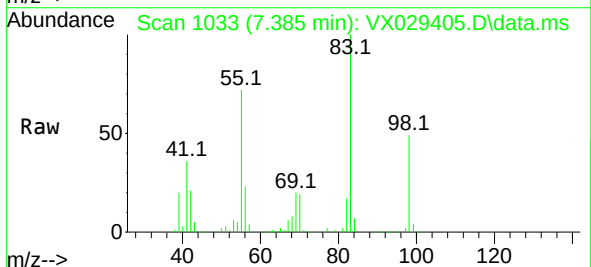
Instrument :
MSVOA_X
ClientSampleId :
VSTD100669

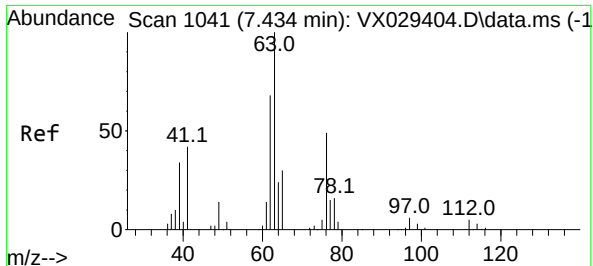
Tgt Ion: 95 Resp: 328585
Ion Ratio Lower Upper
95 100
97 65.5 45.5 84.5
132 93.2 69.9 129.7
130 97.4 70.8 131.6



#35
Methylcyclohexane
Concen: 98.072 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 83 Resp: 512007
Ion Ratio Lower Upper
83 100
55 71.9 60.6 90.8
98 49.8 39.8 59.8





#37

1,2-Dichloropropane

Concen: 92.964 ug/L

RT: 7.433 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX029405.D

Acq: 13 Jun 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

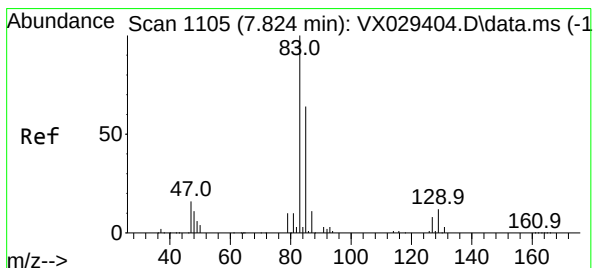
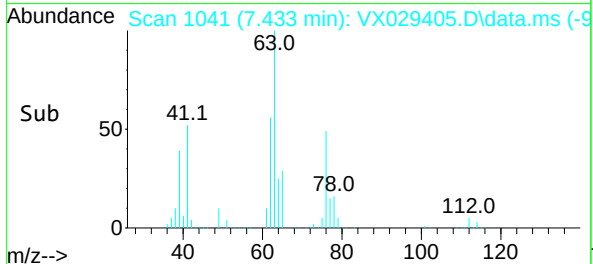
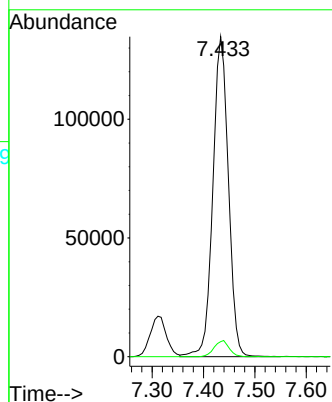
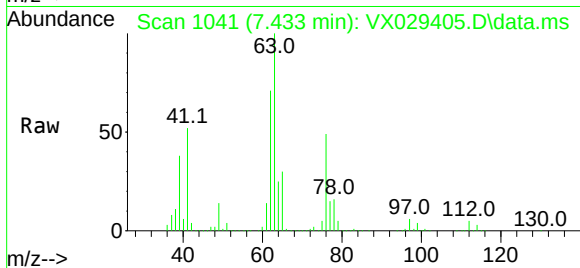
VSTD100669

Tgt Ion: 63 Resp: 282656

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 97.654 ug/L

RT: 7.823 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX029405.D

Acq: 13 Jun 2022 11:26

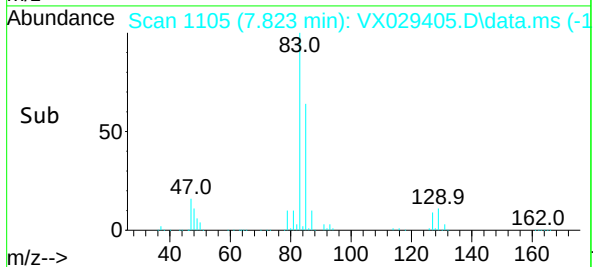
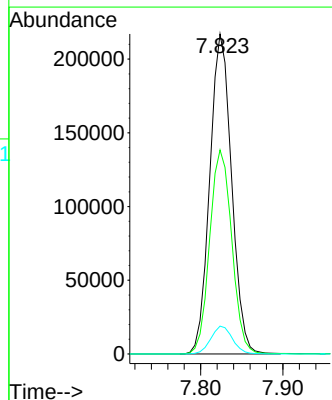
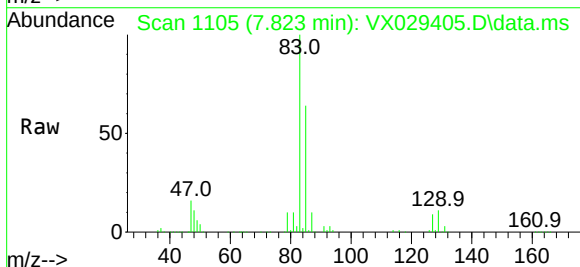
Tgt Ion: 83 Resp: 400434

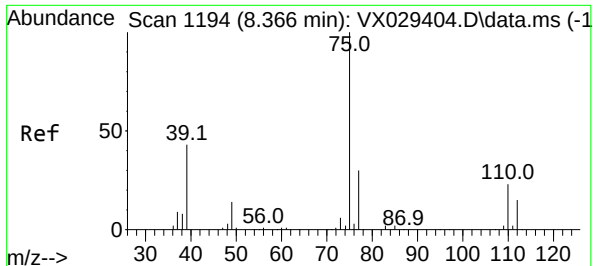
Ion Ratio Lower Upper

83 100

85 63.8 44.7 83.1

127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 101.024 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX029405.D

Acq: 13 Jun 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

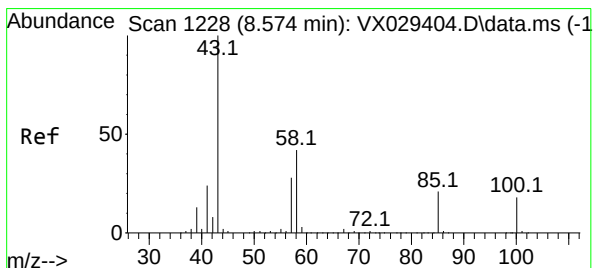
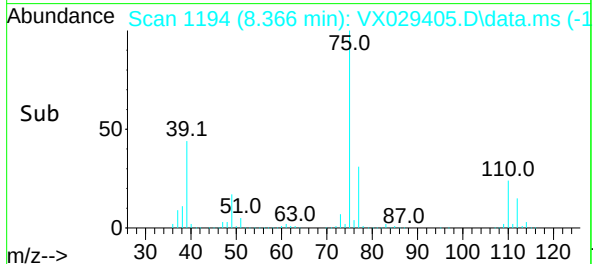
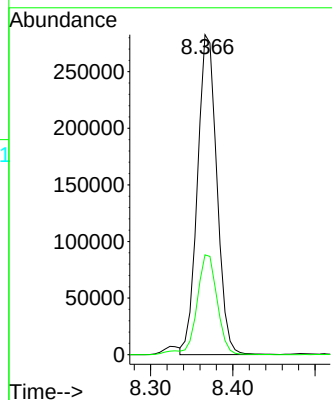
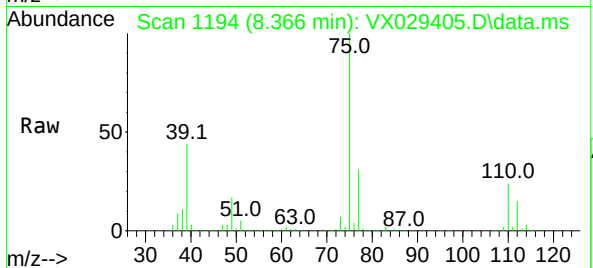
VSTD100669

Tgt Ion: 75 Resp: 462533

Ion Ratio Lower Upper

75 100

77 31.2 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 196.628 ug/L

RT: 8.579 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX029405.D

Acq: 13 Jun 2022 11:26

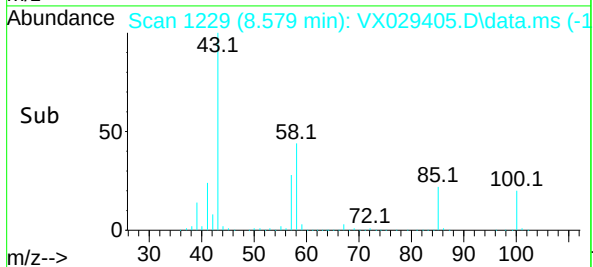
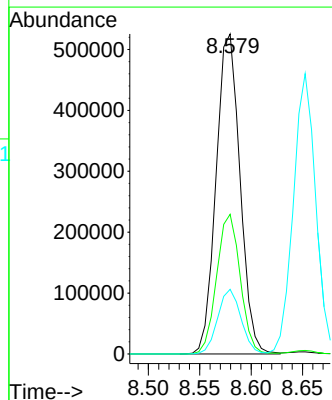
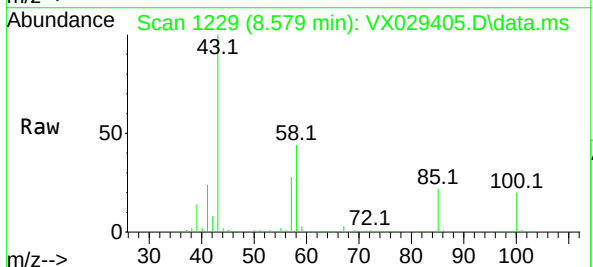
Tgt Ion: 43 Resp: 849835

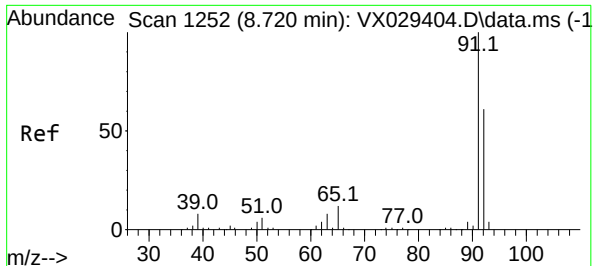
Ion Ratio Lower Upper

43 100

58 42.9 31.0 46.6

100 19.7 13.0 19.4#





#42

Toluene

Concen: 96.758 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX029405.D

Acq: 13 Jun 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

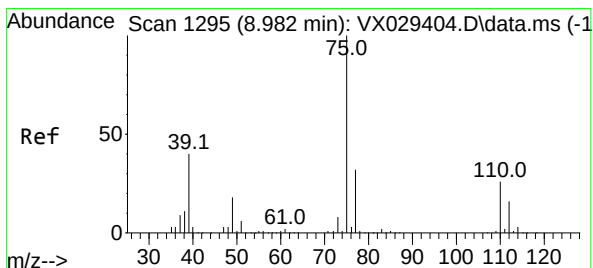
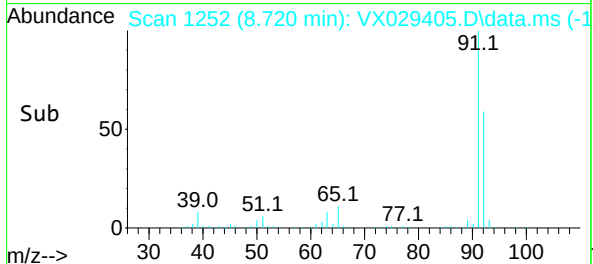
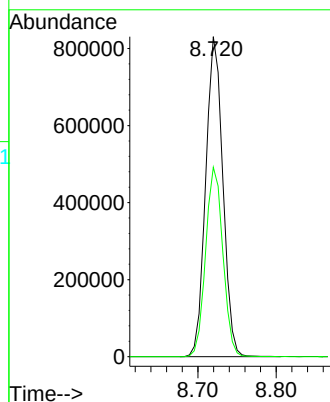
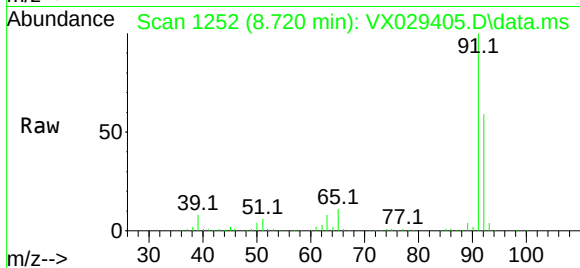
VSTD100669

Tgt Ion: 91 Resp: 1260301

Ion Ratio Lower Upper

91 100

92 59.2 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 102.914 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX029405.D

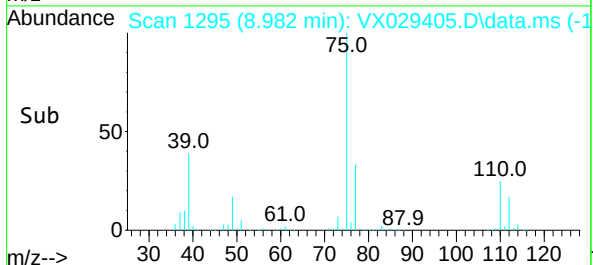
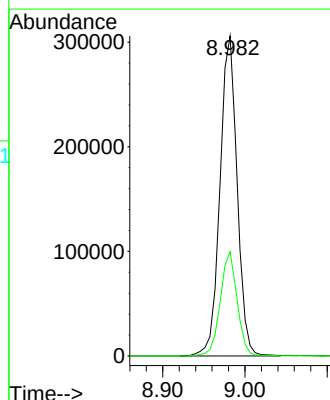
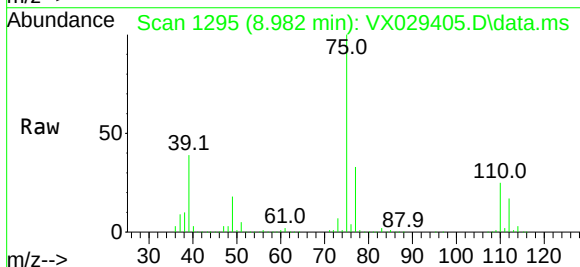
Acq: 13 Jun 2022 11:26

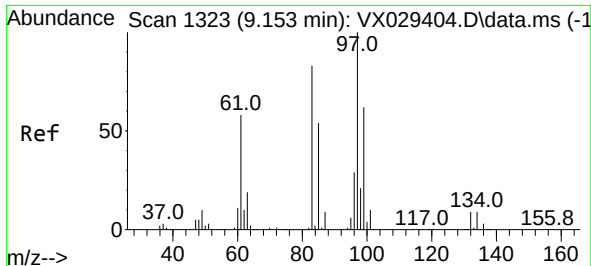
Tgt Ion: 75 Resp: 442976

Ion Ratio Lower Upper

75 100

77 32.6 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 98.470 ug/L

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029405.D

Acq: 13 Jun 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTD100669

Tgt Ion: 97 Resp: 294724

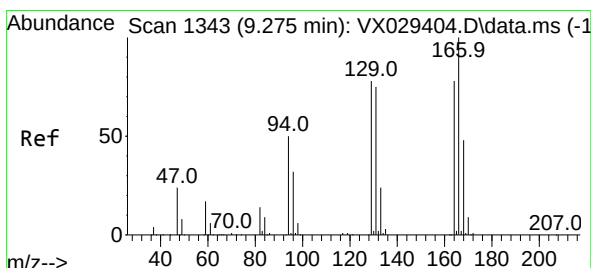
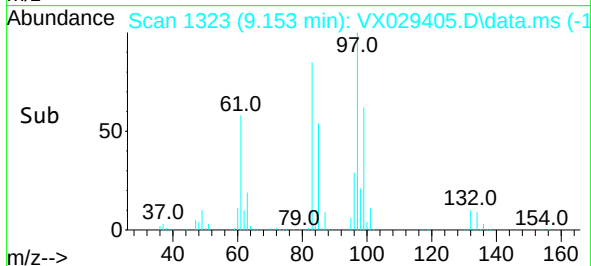
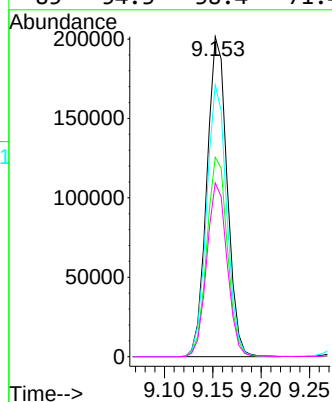
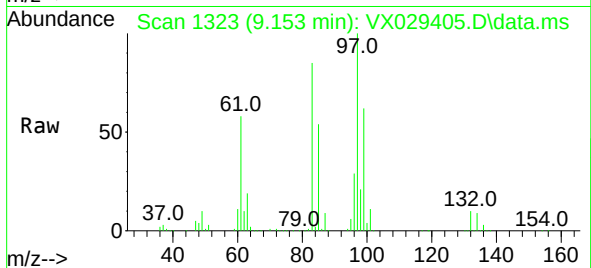
Ion Ratio Lower Upper

97 100

99 62.3 43.3 80.5

83 84.9 57.5 106.9

85 54.3 38.4 71.4



#46

Tetrachloroethene

Concen: 91.328 ug/L

RT: 9.274 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX029405.D

Acq: 13 Jun 2022 11:26

Tgt Ion:164 Resp: 230844

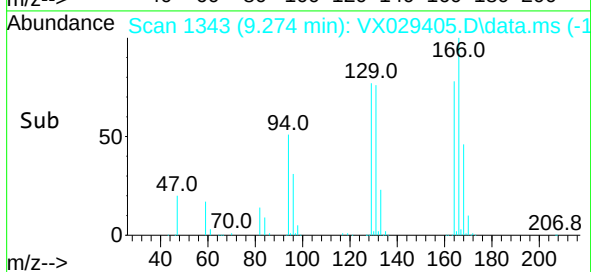
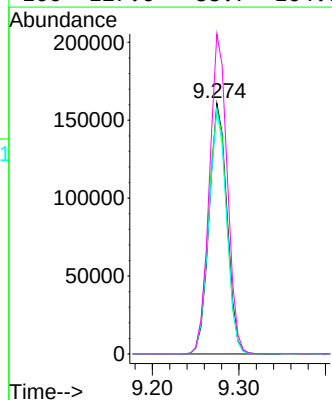
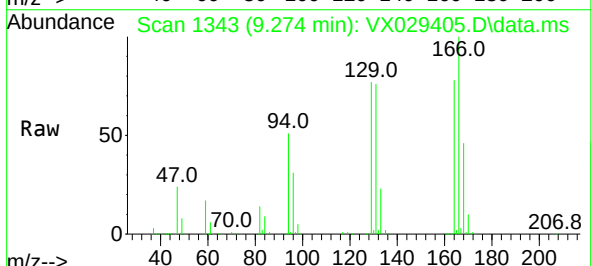
Ion Ratio Lower Upper

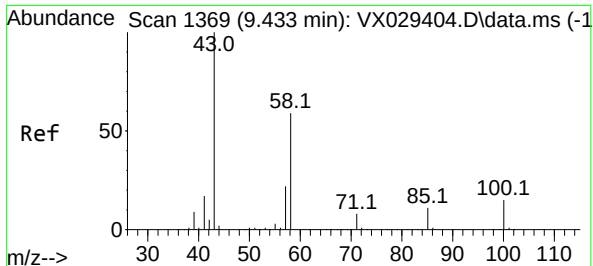
164 100

129 97.9 65.5 121.7

131 97.3 64.3 119.3

166 127.6 88.7 164.7

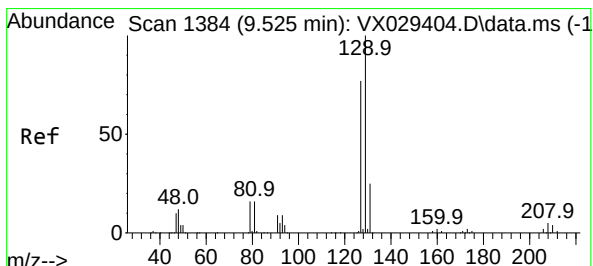
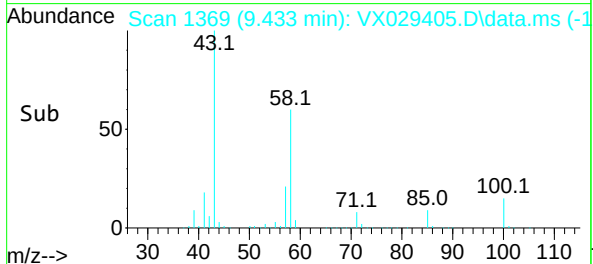
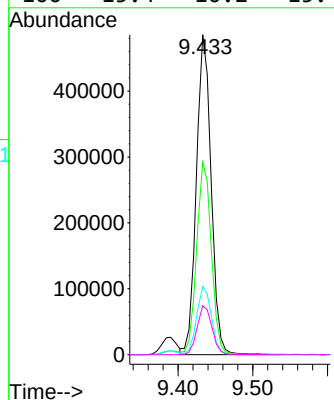
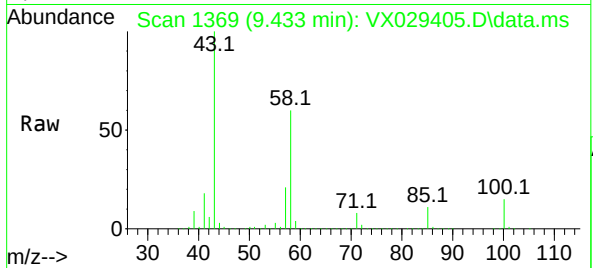




#48
2-Hexanone
Concen: 192.054 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

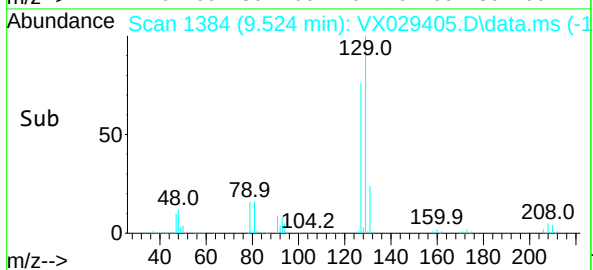
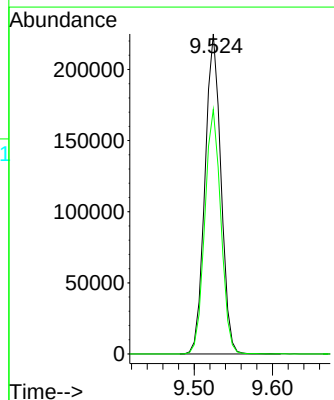
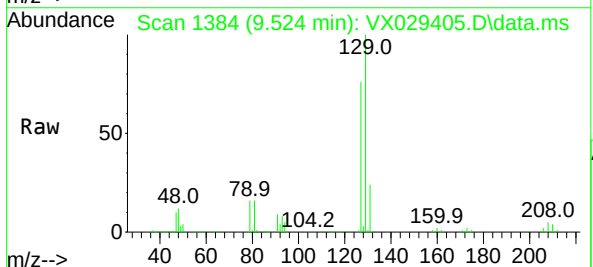
Instrument :
MSVOA_X
ClientSampleId :
VSTD100669

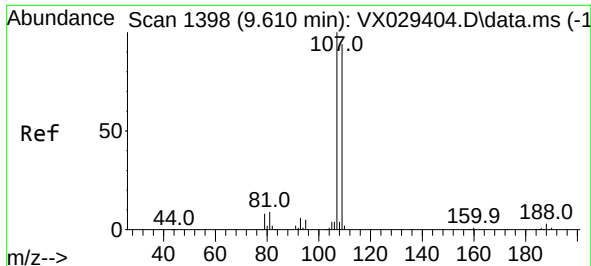
Tgt Ion: 43 Resp: 666279
Ion Ratio Lower Upper
43 100
58 59.7 42.9 64.3
57 21.2 15.3 22.9
100 15.4 10.2 15.4#



#49
Dibromochloromethane
Concen: 97.700 ug/L
RT: 9.524 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 129 Resp: 317993
Ion Ratio Lower Upper
129 100
127 76.4 54.3 100.9

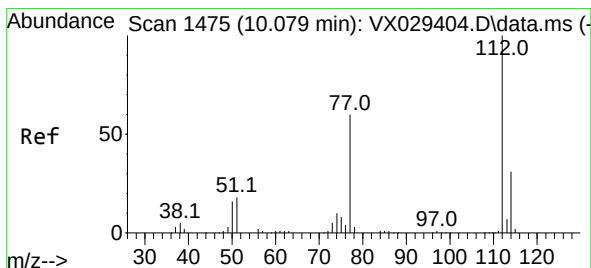
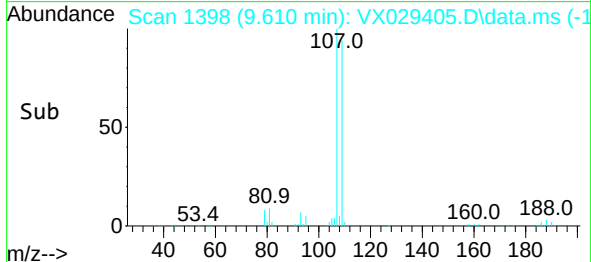
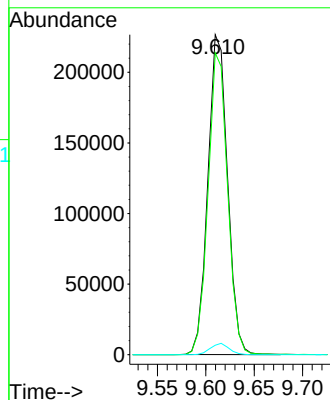
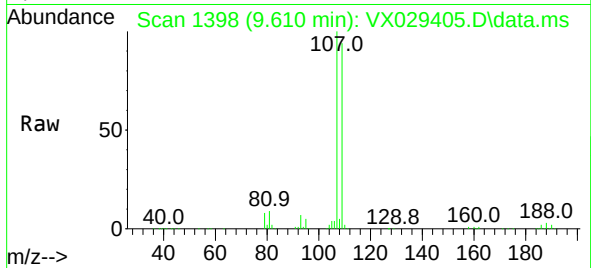




#50
1,2-Dibromoethane
Concen: 101.551 ug/L
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

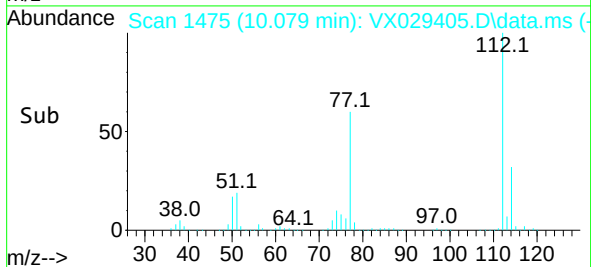
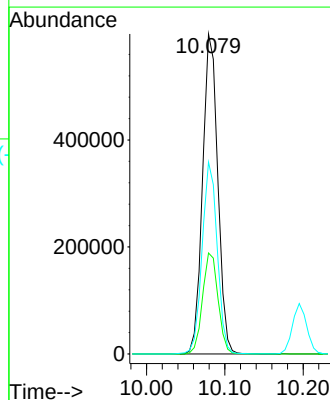
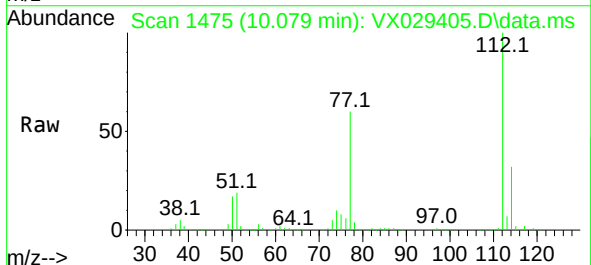
Instrument :
MSVOA_X
ClientSampleId :
VSTD100669

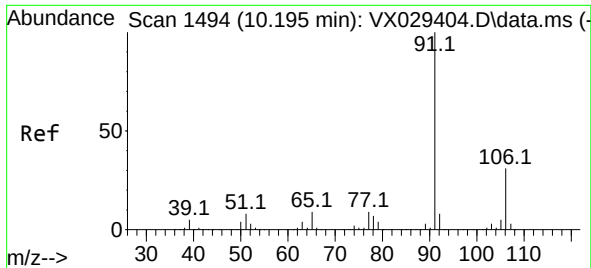
Tgt Ion:107 Resp: 320923
Ion Ratio Lower Upper
107 100
109 94.3 64.9 120.5
188 2.9 2.7 4.1



#51
Chlorobenzene
Concen: 97.168 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

Tgt Ion:112 Resp: 806126
Ion Ratio Lower Upper
112 100
114 31.5 22.2 41.2
77 60.0 45.9 68.9

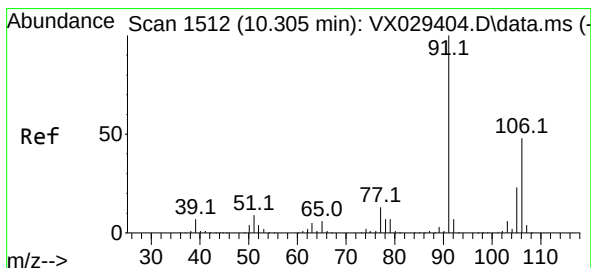
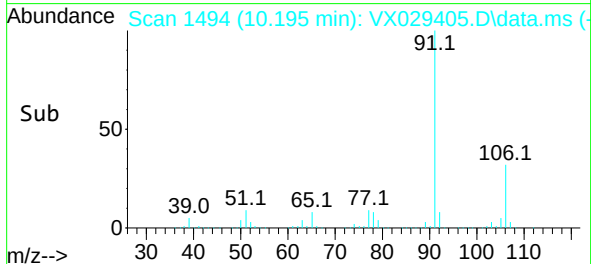
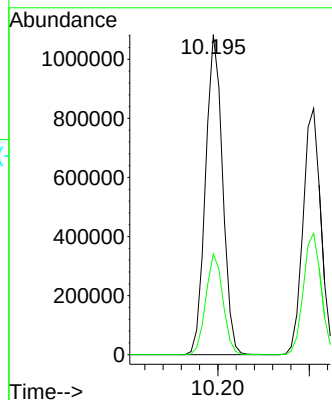
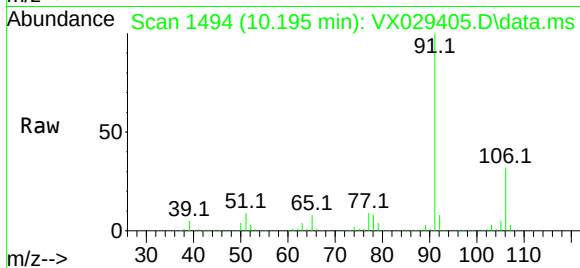




#52
Ethylbenzene
Concen: 99.482 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

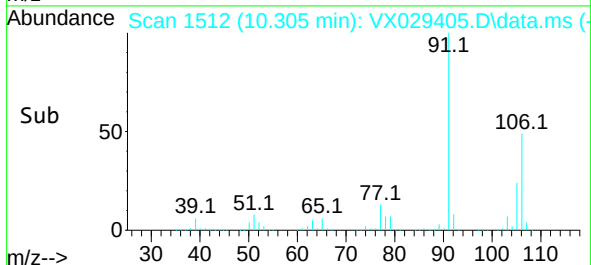
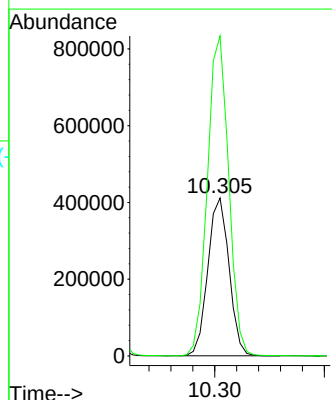
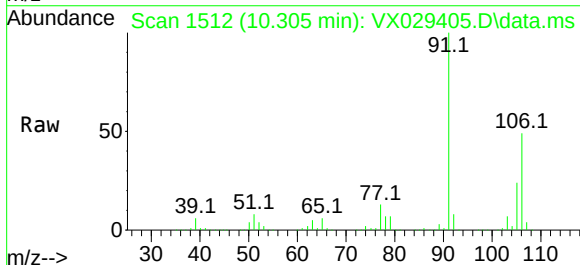
Instrument :
MSVOA_X
ClientSampleId :
VSTD100669

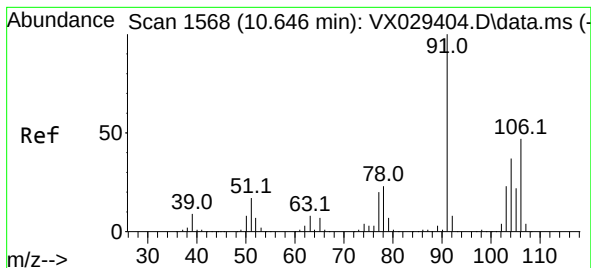
Tgt Ion: 91 Resp: 1400923
Ion Ratio Lower Upper
91 100
106 31.5 21.7 40.3



#53
m,p-Xylene
Concen: 99.848 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 106 Resp: 553203
Ion Ratio Lower Upper
106 100
91 202.6 145.7 270.5





#54

o-Xylene

Concen: 101.475 ug/L

RT: 10.646 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VX029405.D

Acq: 13 Jun 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

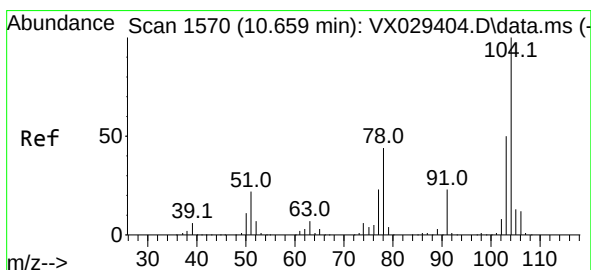
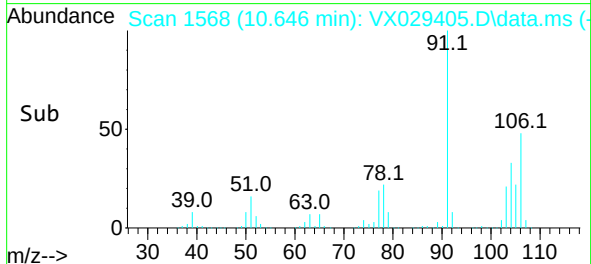
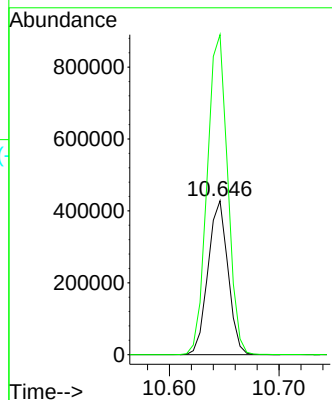
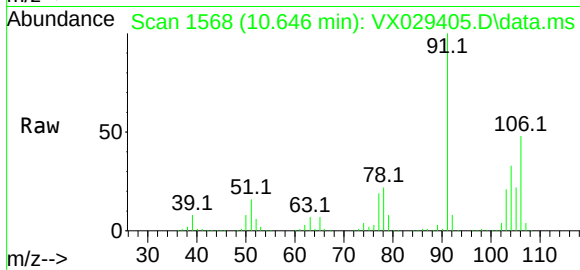
VSTD100669

Tgt Ion:106 Resp: 541528

Ion Ratio Lower Upper

106 100

91 208.0 151.2 280.8



#55

Styrene

Concen: 102.501 ug/L

RT: 10.658 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX029405.D

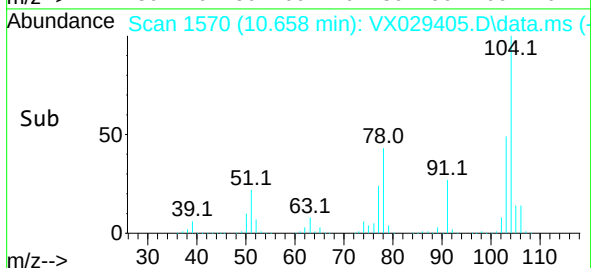
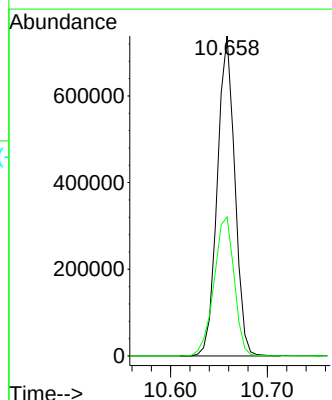
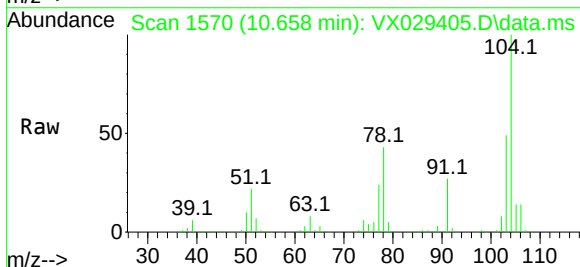
Acq: 13 Jun 2022 11:26

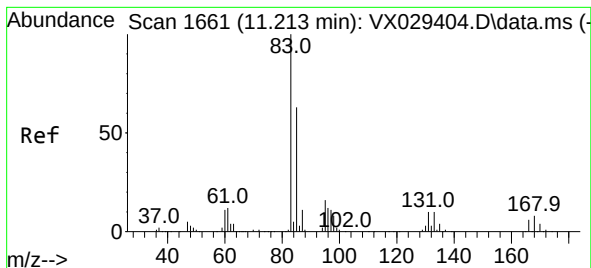
Tgt Ion:104 Resp: 926603

Ion Ratio Lower Upper

104 100

78 43.5 33.3 61.9

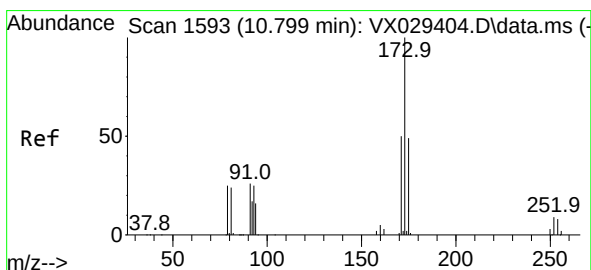
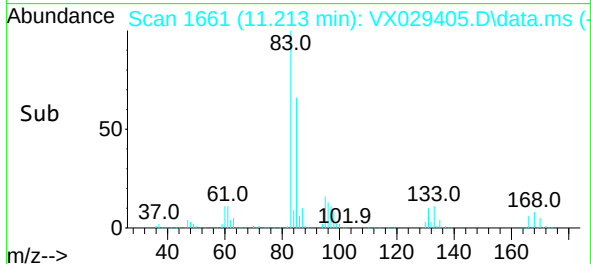
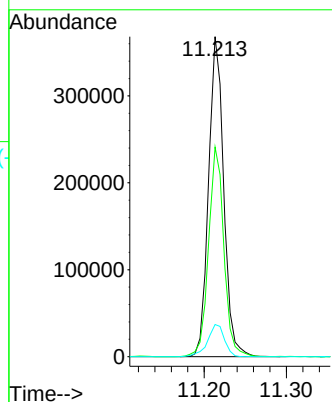
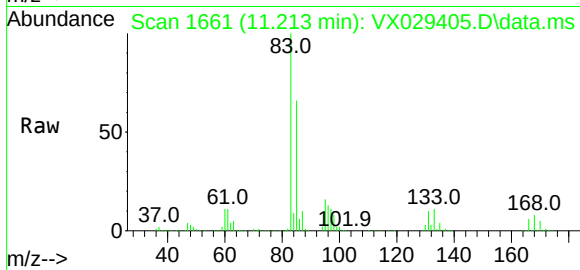




#57
1,1,2,2-Tetrachloroethane
Concen: 113.738 ug/L
RT: 11.213 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

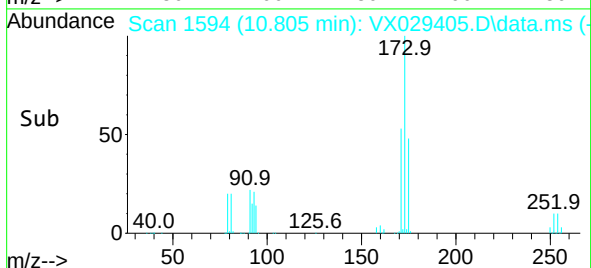
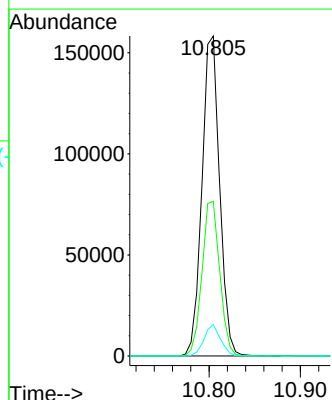
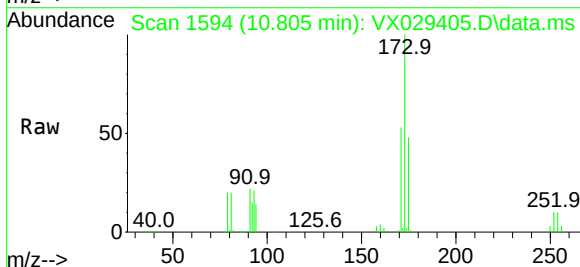
Instrument :
MSVOA_X
ClientSampleId :
VSTD100669

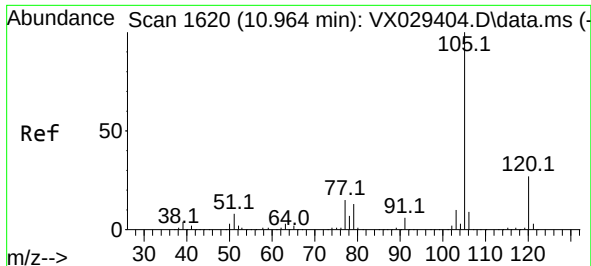
Tgt Ion: 83 Resp: 471341
Ion Ratio Lower Upper
83 100
85 65.5 45.8 85.2
131 10.1 8.5 12.7



#59
Bromoform
Concen: 92.506 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

Tgt Ion:173 Resp: 212968
Ion Ratio Lower Upper
173 100
175 48.6 38.9 58.3
254 9.2 7.0 10.6

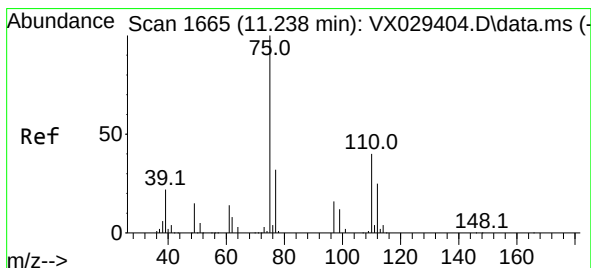
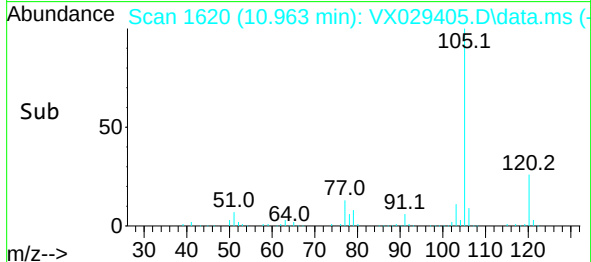
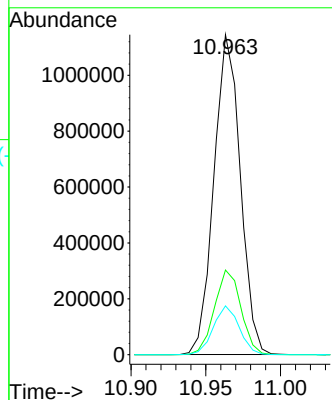
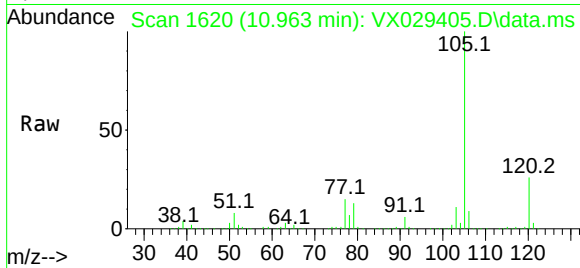




#60
Isopropylbenzene
Concen: 95.007 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

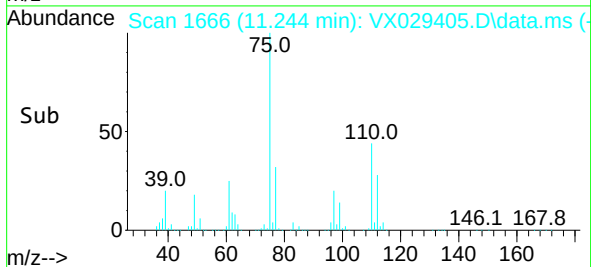
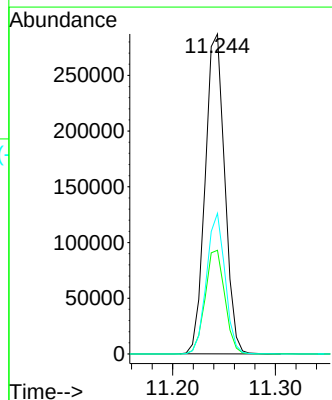
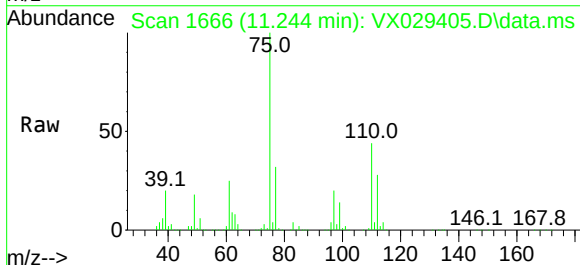
Instrument :
MSVOA_X
ClientSampleId :
VSTD100669

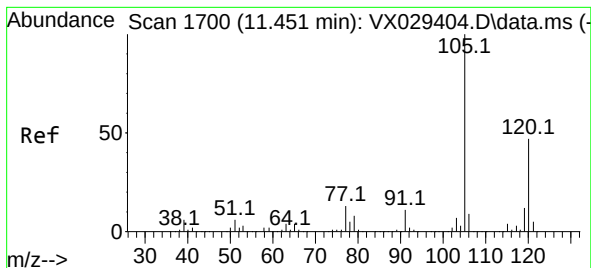
Tgt Ion:105 Resp: 1405104
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 15.0 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 97.358 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 75 Resp: 380208
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.6
110 41.7 33.4 50.0





#62

1,3,5-Trimethylbenzene

Concen: 115.260 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX029405.D

Acq: 13 Jun 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

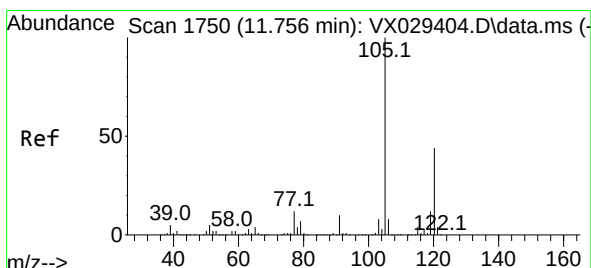
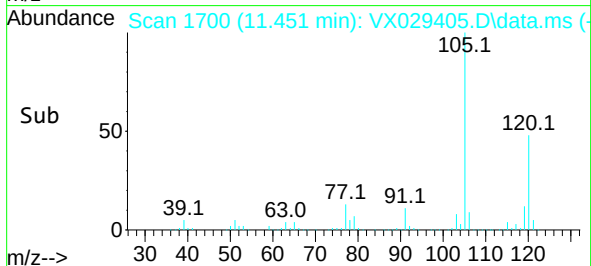
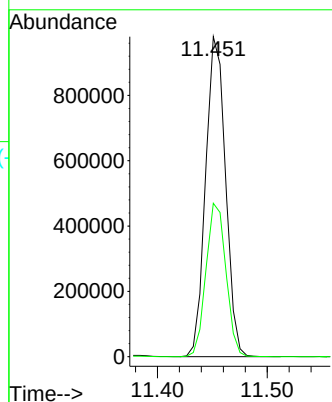
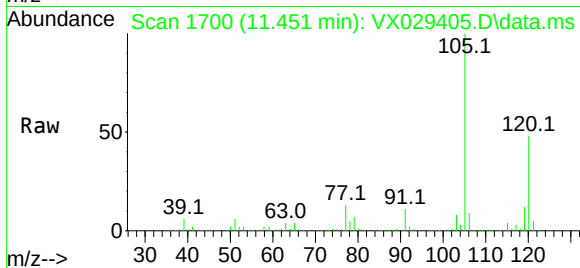
VSTD100669

Tgt Ion:105 Resp: 1234428

Ion Ratio Lower Upper

105 100

120 48.1 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 99.375 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX029405.D

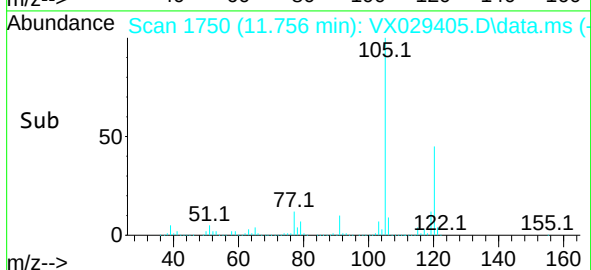
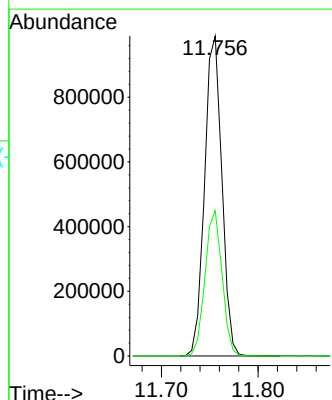
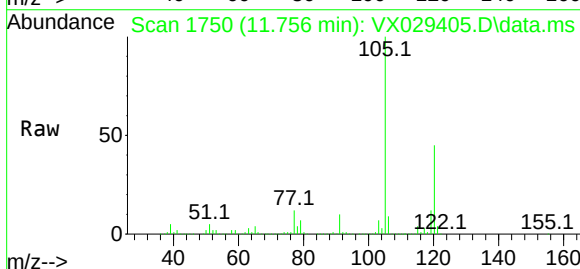
Acq: 13 Jun 2022 11:26

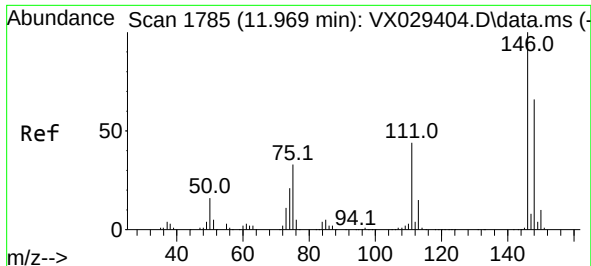
Tgt Ion:105 Resp: 1231224

Ion Ratio Lower Upper

105 100

120 44.8 36.1 54.1

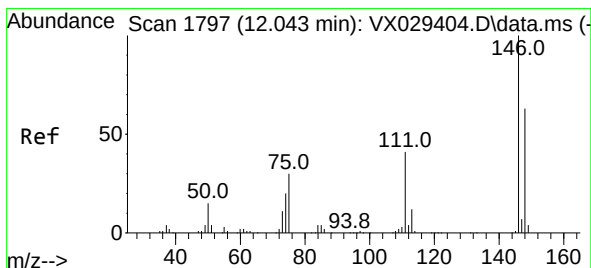
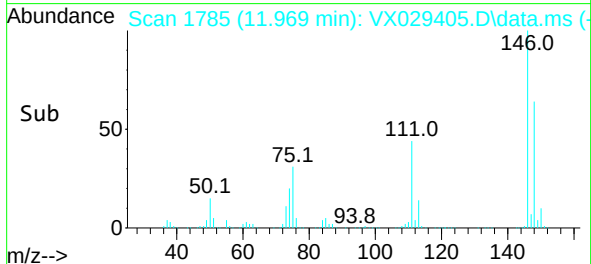
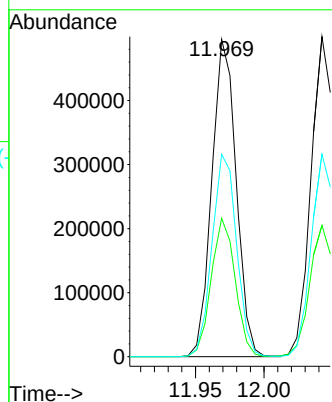
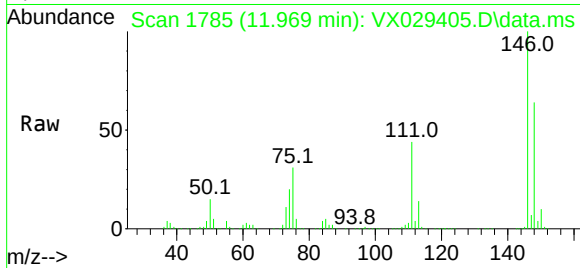




#64
1,3-Dichlorobenzene
Concen: 94.702 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

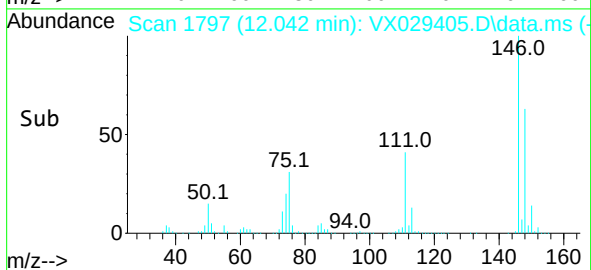
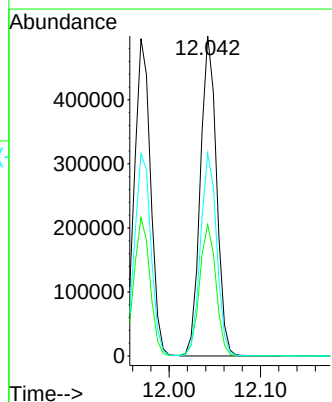
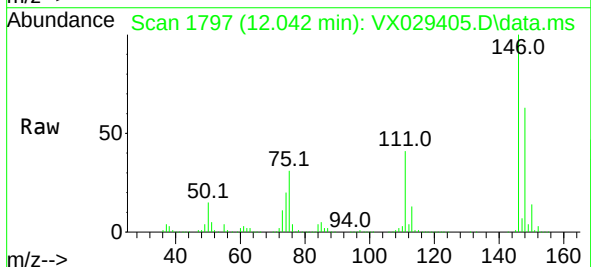
Instrument :
MSVOA_X
ClientSampleId :
VSTD100669

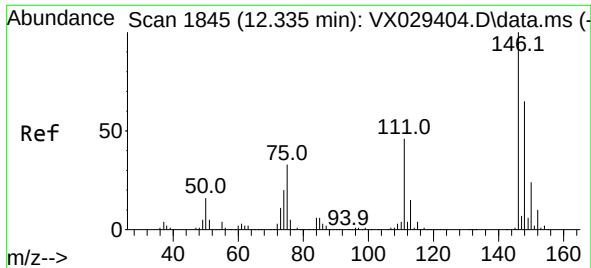
Tgt Ion:146 Resp: 612677
Ion Ratio Lower Upper
146 100
111 43.6 28.3 52.7
148 63.8 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 94.308 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

Tgt Ion:146 Resp: 613867
Ion Ratio Lower Upper
146 100
111 41.0 26.5 49.3
148 63.3 43.5 80.7

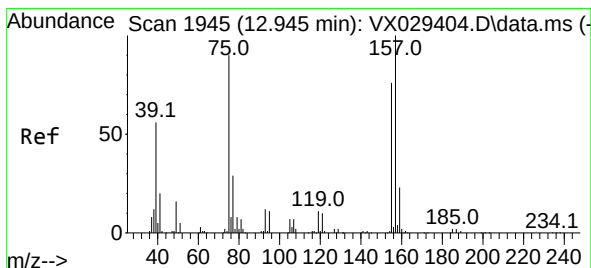
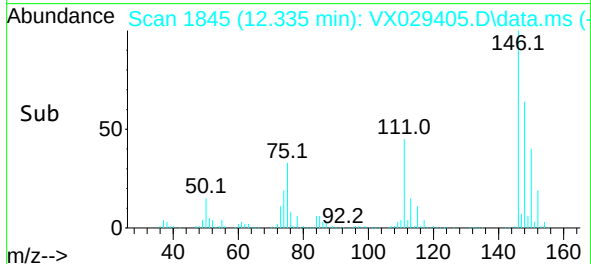
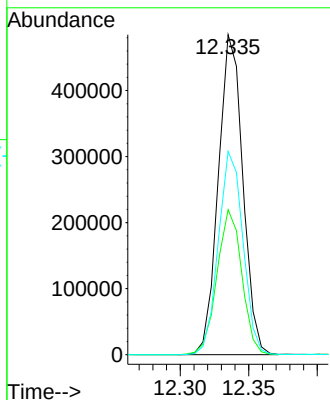
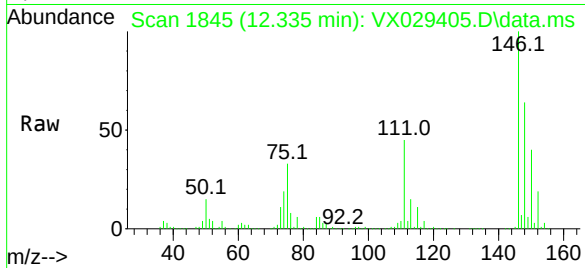




#67
1,2-Dichlorobenzene
Concen: 95.395 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

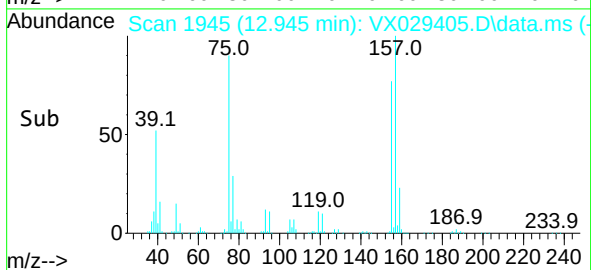
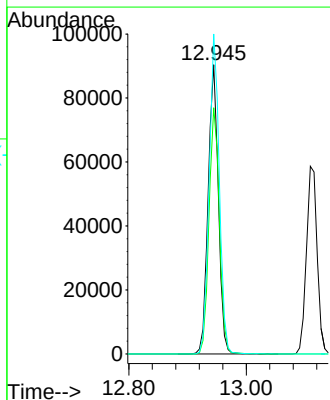
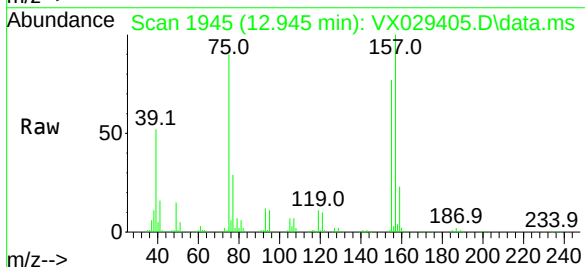
Instrument :
MSVOA_X
ClientSampleId :
VSTD100669

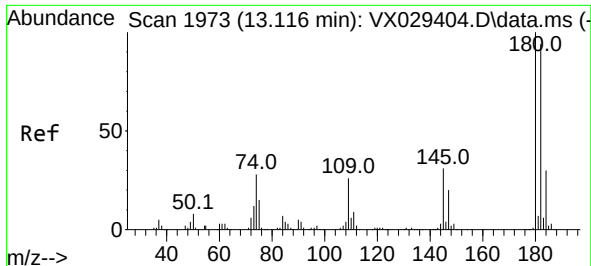
Tgt Ion:146 Resp: 602191
Ion Ratio Lower Upper
146 100
111 45.3 34.5 51.7
148 63.5 51.9 77.9



#68
1,2-Dibromo-3-chloropropane
Concen: 111.589 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX029405.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 75 Resp: 109310
Ion Ratio Lower Upper
75 100
155 85.1 71.6 107.4
157 110.6 93.8 140.6





#69

1,3,5-Trichlorobenzene

Concen: 93.720 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VX029405.D

Acq: 13 Jun 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTD100669

Tgt Ion:180 Resp: 417969

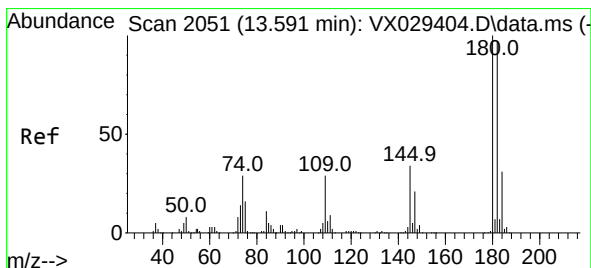
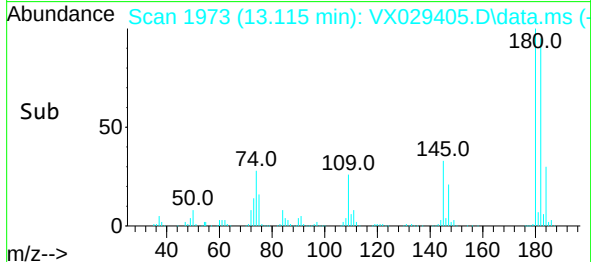
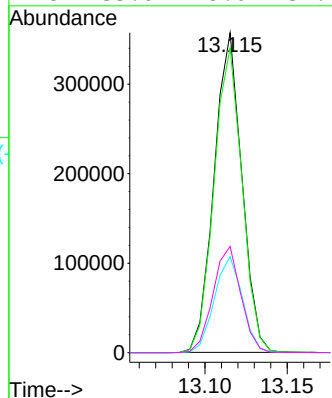
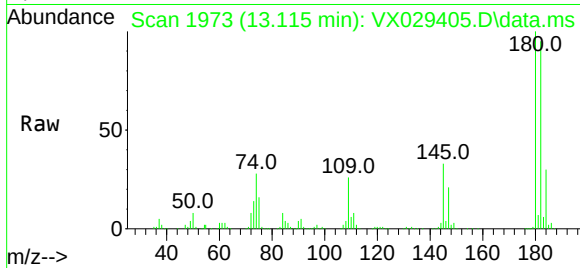
Ion Ratio Lower Upper

180 100

182 96.7 75.6 113.4

184 30.4 23.6 35.4

145 33.6 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 98.844 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX029405.D

Acq: 13 Jun 2022 11:26

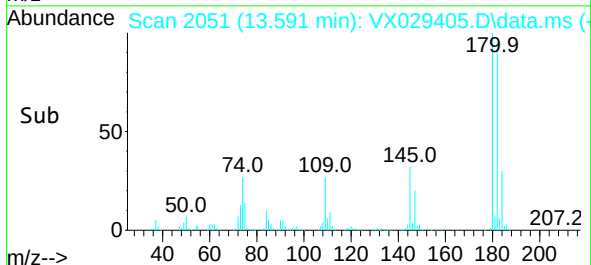
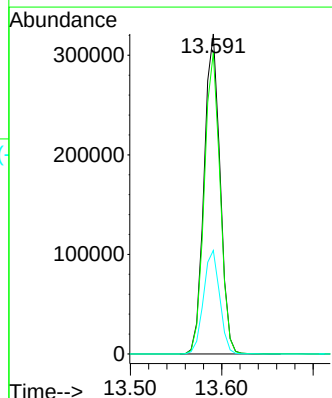
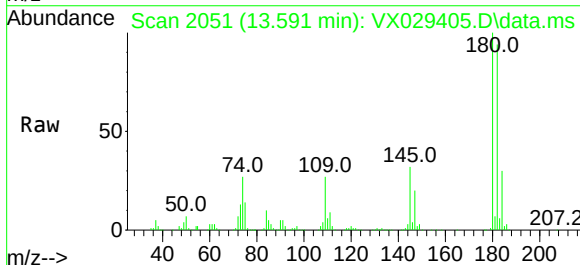
Tgt Ion:180 Resp: 388848

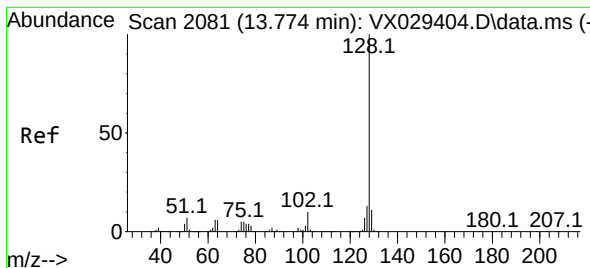
Ion Ratio Lower Upper

180 100

182 92.7 75.4 113.2

145 32.8 25.0 37.4





#71

Naphthalene

Concen: 104.947 ug/L

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX029405.D

Acq: 13 Jun 2022 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTD100669

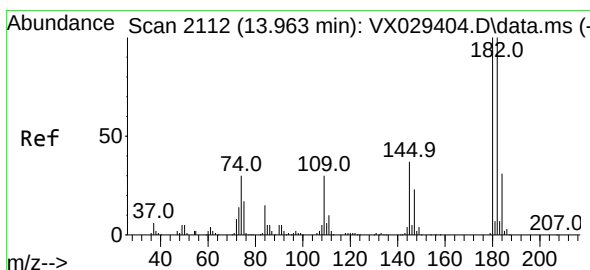
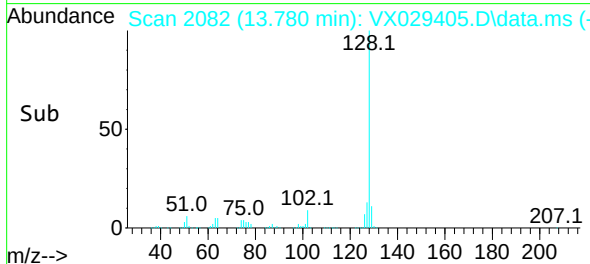
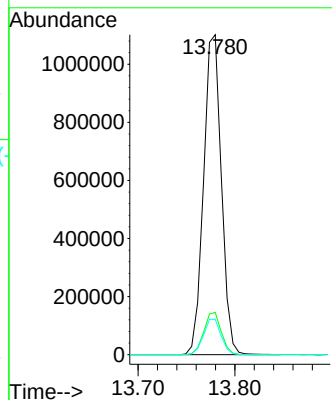
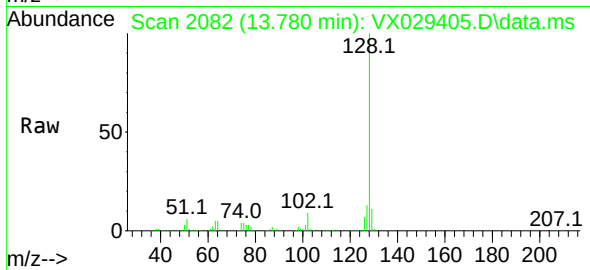
Tgt Ion:128 Resp: 1410762

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.1 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 96.562 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX029405.D

Acq: 13 Jun 2022 11:26

Tgt Ion:180 Resp: 381325

Ion Ratio Lower Upper

180 100

182 94.4 77.0 115.4

145 35.3 27.4 41.0

