

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029406.D
 Acq On : 13 Jun 2022 11:49
 Operator : JC/MD
 Sample : VSTD20070
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200670

Quant Time: Jun 13 12:13:29 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	390257	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	370203	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	188317	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	582773	171.024	ug/L	0.00
7) Chloroethane-d5	1.660	69	285959	132.473	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	63	1082651	167.120	ug/L	0.00
21) 2-Butanone-d5	4.465	46	941147	393.469	ug/L	0.00
24) Chloroform-d	5.062	84	1156907	180.451	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	701590	168.952	ug/L	0.00
32) Benzene-d6	5.977	84	2263671	173.732	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	671231	173.307	ug/L	0.00
41) Toluene-d8	8.653	98	2101819	176.174	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	368373	206.042	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	733632	421.051	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	927810	193.379	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	768620	180.734	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	756615	178.020	ug/L	99
3) Chloromethane	1.288	50	694528	201.641	ug/L	98
5) Vinyl chloride	1.374	62	683427	197.828	ug/L	99
6) Bromomethane	1.611	94	304978	202.991	ug/L	97
8) Chloroethane	1.679	64	239693	126.872	ug/L	98
9) Trichlorofluoromethane	1.880	101	959165	197.201	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	585498	192.017	ug/L	98
13) Acetone	2.392	43	569036	287.788	ug/L	96
14) Carbon disulfide	2.508	76	1548404	188.383	ug/L	99
15) Methyl Acetate	2.709	43	633880	197.416	ug/L	93
16) Methylene chloride	2.788	84	607640	197.153	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	598490	201.163	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	1981412	212.508	ug/L	97
19) 1,1-Dichloroethane	3.611	63	1041225	195.587	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	677733	206.320	ug/L	94
22) 2-Butanone	4.568	43	951273	362.440	ug/L	93
23) Bromochloromethane	4.904	128	333439	199.550	ug/L	95
25) Chloroform	5.099	83	1141871	199.501	ug/L	96
27) 1,2-Dichloroethane	6.092	62	864412	194.914	ug/L	99
29) Cyclohexane	5.477	56	988946	190.114	ug/L	93
30) 1,1,1-Trichloroethane	5.385	97	1044911	206.957	ug/L	97
31) Carbon tetrachloride	5.678	117	867240	197.042	ug/L	99
33) Benzene	6.044	78	2459734	198.355	ug/L	100
34) Trichloroethene	7.129	95	694434	193.322	ug/L	97
35) Methylcyclohexane	7.385	83	1103528	205.755	ug/L	97
37) 1,2-Dichloropropane	7.434	63	608670	194.865	ug/L	99
38) Bromodichloromethane	7.824	83	879407	208.759	ug/L	99
39) cis-1,3-Dichloropropene	8.372	75	1027655	218.488	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	1767393	398.053	ug/L #	91
42) Toluene	8.720	91	2683387	200.537	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	993751	224.734	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	639165	207.872	ug/L	97

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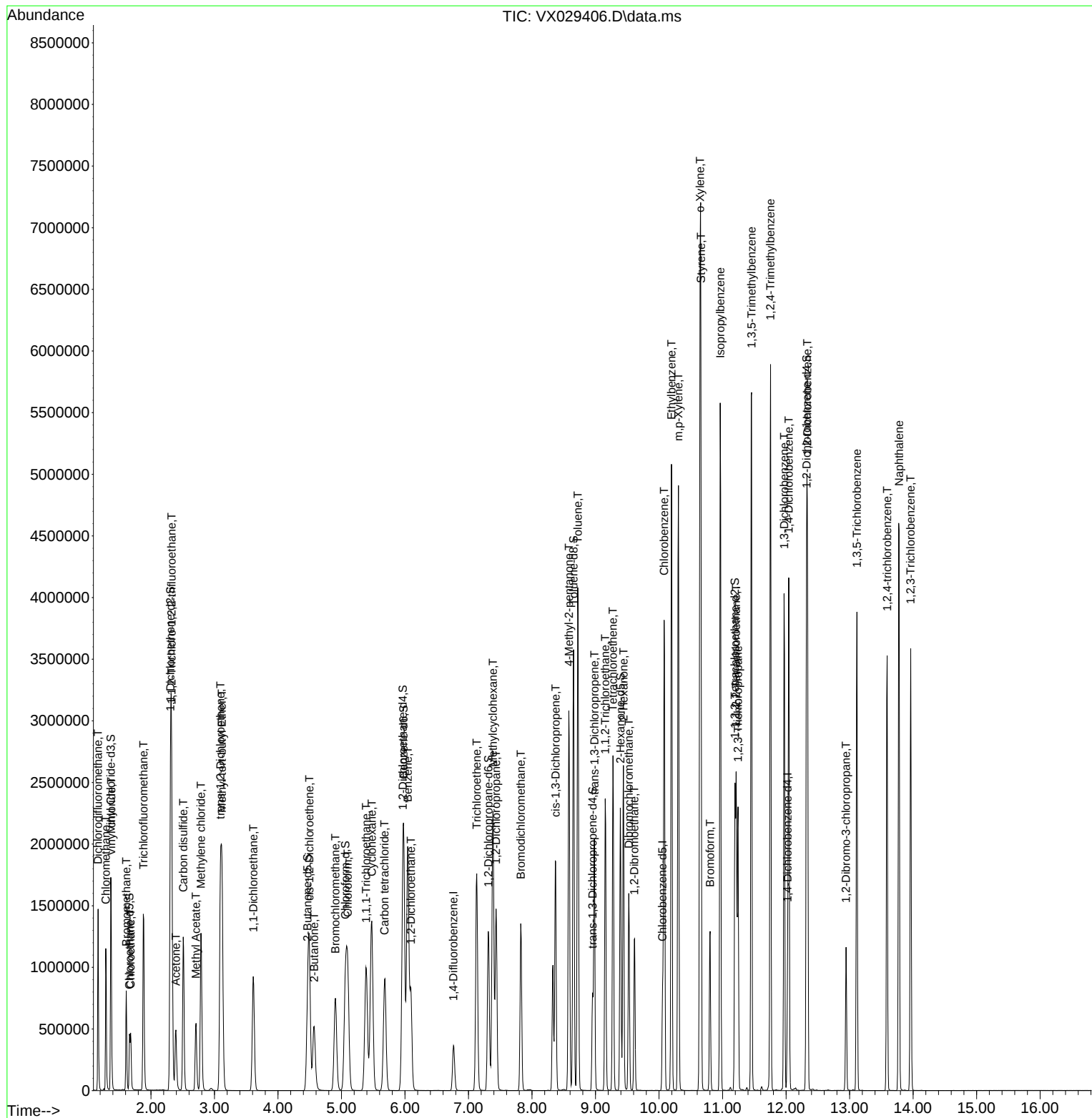
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	9.275	164	512167	197.240	ug/L	96
48) 2-Hexanone	9.439	43	1304717	366.084	ug/L #	90
49) Dibromochloromethane	9.525	129	707765	211.672	ug/L	100
50) 1,2-Dibromoethane	9.610	107	699678	215.515	ug/L	98
51) Chlorobenzene	10.079	112	1752482	205.621	ug/L	97
52) Ethylbenzene	10.195	91	2923299	202.069	ug/L	96
53) m,p-Xylene	10.305	106	1182328	207.725	ug/L	94
54) o-Xylene	10.646	106	1156769	210.999	ug/L	94
55) Styrene	10.659	104	1975071	212.673	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	935871	219.828	ug/L	100
59) Bromoform	10.805	173	475117	212.851	ug/L	100
60) Isopropylbenzene	10.963	105	2967840	206.968	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	752697	198.786	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	2563896	246.906	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	2534710	211.002	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	1285915	205.003	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	1268408	200.978	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	1234551	201.705	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	231224	243.451	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	904175	209.103	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	828451	217.197	ug/L	99
71) Naphthalene	13.780	128	2951679	226.466	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	830493	216.903	ug/L	98

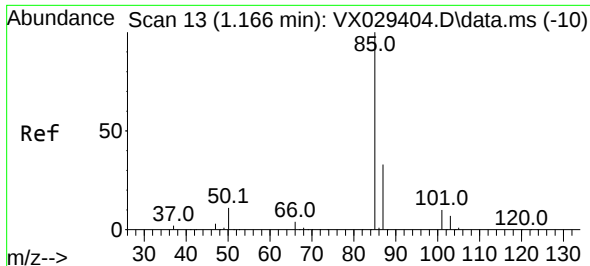
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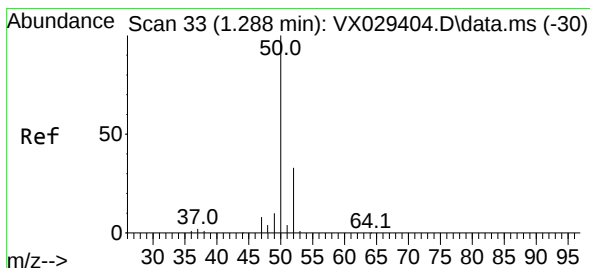
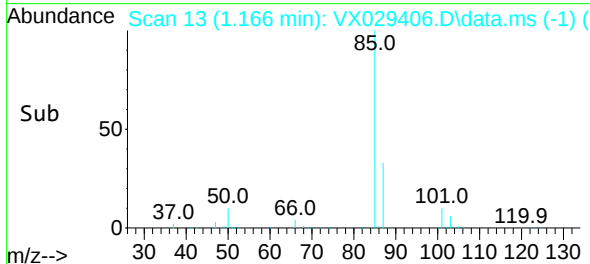
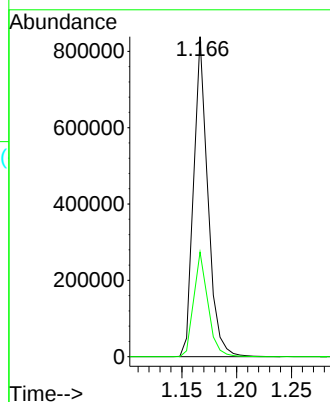
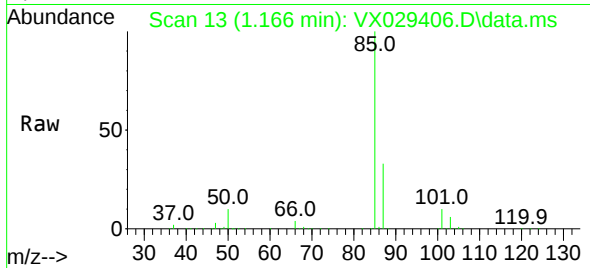




#2
 Dichlorodifluoromethane
 Concen: 178.020 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029406.D
 Acq: 13 Jun 2022 11:49

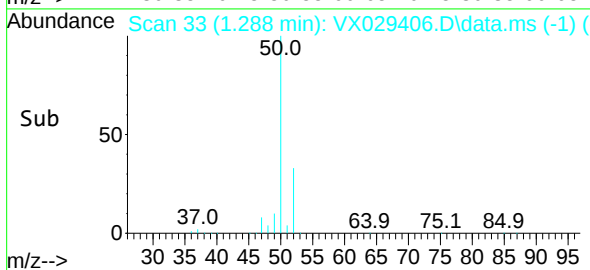
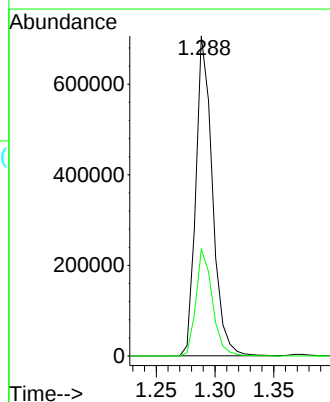
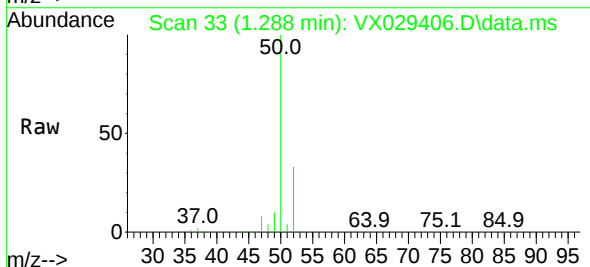
Instrument :
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 ClientSampleId :
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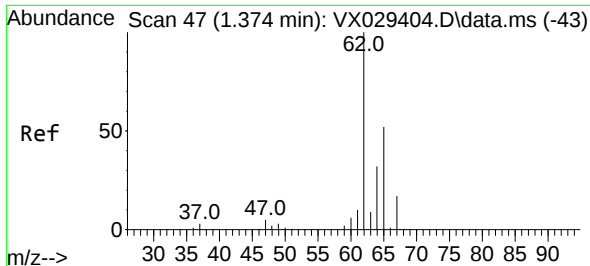
Tgt Ion: 85 Resp: 756615
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.9 38.9



#3
 Chloromethane
 Concen: 201.641 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.000 min
 Lab File: VX029406.D
 Acq: 13 Jun 2022 11:49

Tgt Ion: 50 Resp: 694528
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.5 41.7

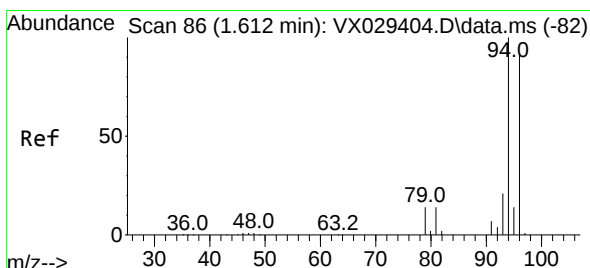
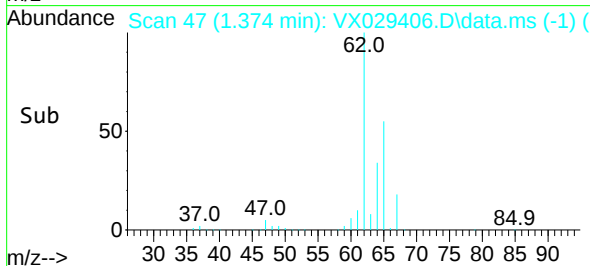
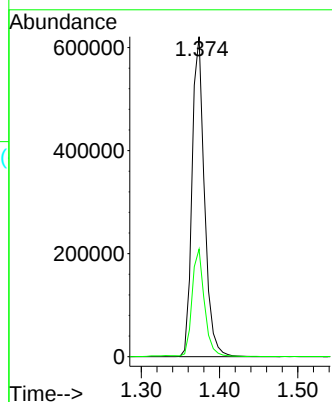
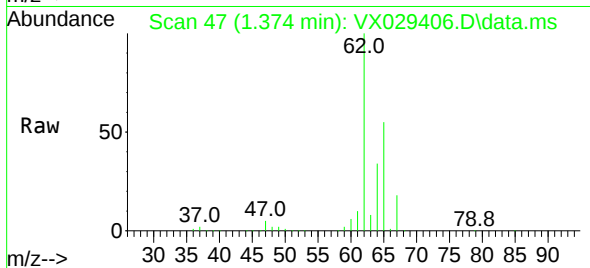




#5
 Vinyl chloride
 Concen: 197.828 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029406.D
 Acq: 13 Jun 2022 11:49

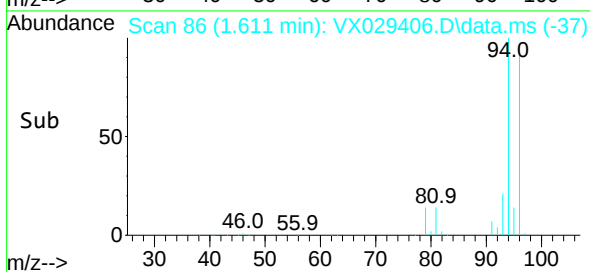
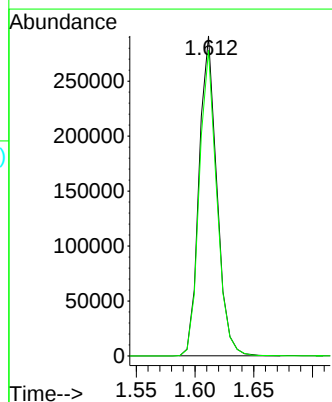
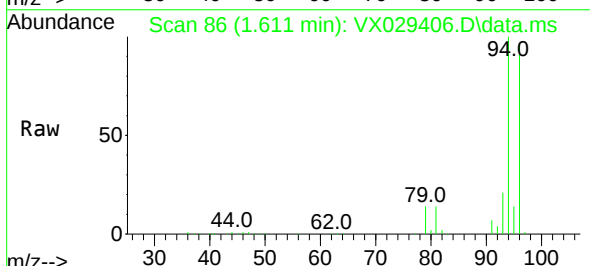
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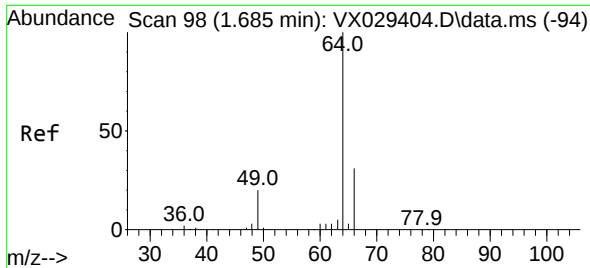
Tgt Ion: 62 Resp: 683427
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.3 43.3



#6
 Bromomethane
 Concen: 202.991 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX029406.D
 Acq: 13 Jun 2022 11:49

Tgt Ion: 94 Resp: 304978
 Ion Ratio Lower Upper
 94 100
 96 95.6 64.9 120.5

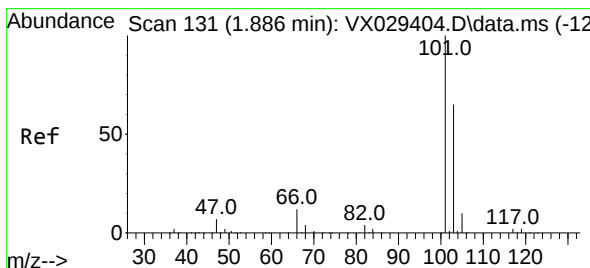
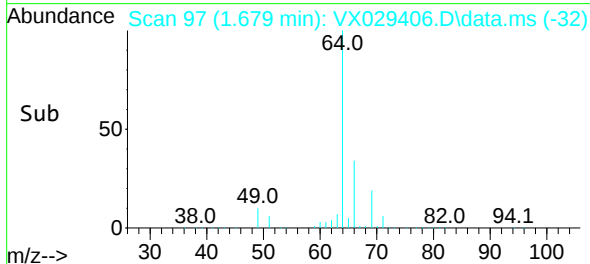
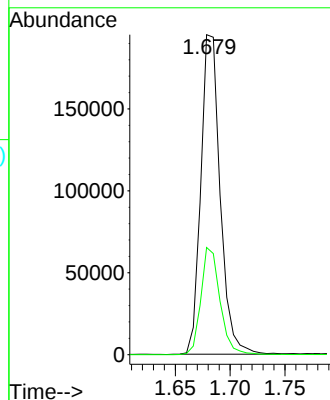
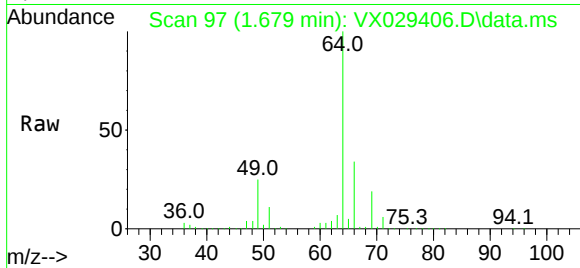




#8
Chloroethane
Concen: 126.872 ug/L
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

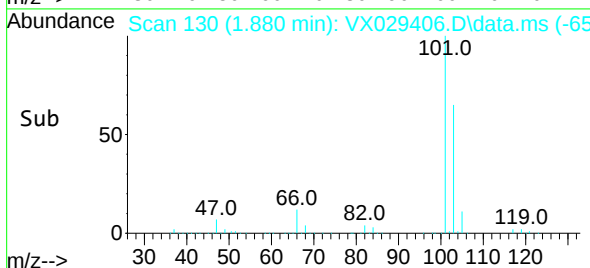
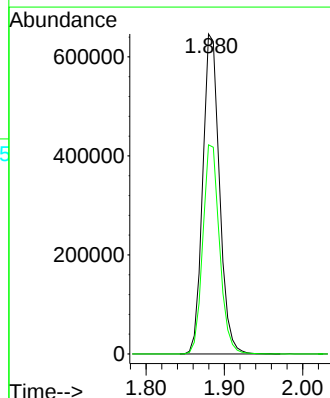
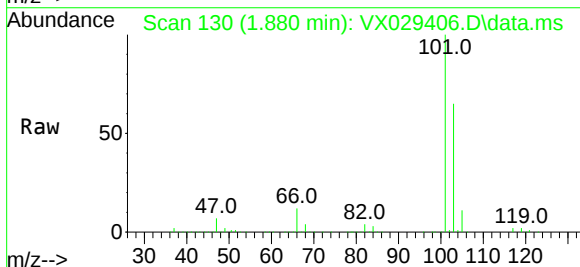
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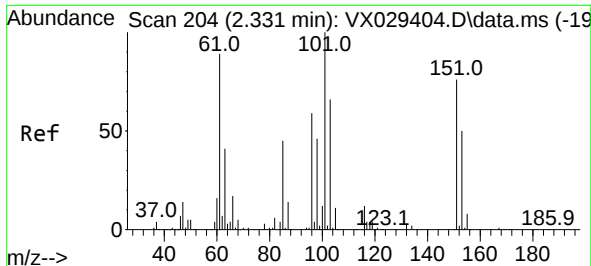
Tgt Ion: 64 Resp: 239693
Ion Ratio Lower Upper
64 100
66 33.5 24.2 45.0



#9
Trichlorofluoromethane
Concen: 197.201 ug/L
RT: 1.880 min Scan# 130
Delta R.T. -0.006 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion:101 Resp: 959165
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8

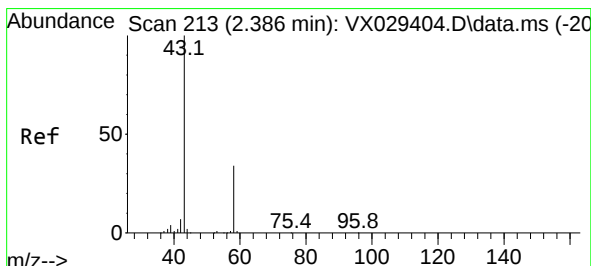
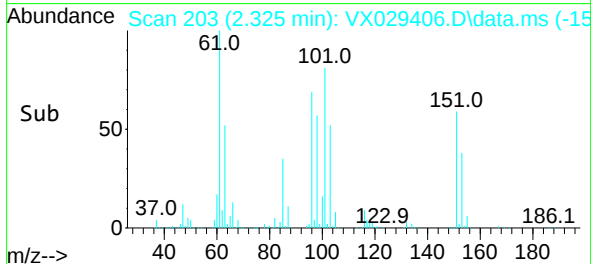
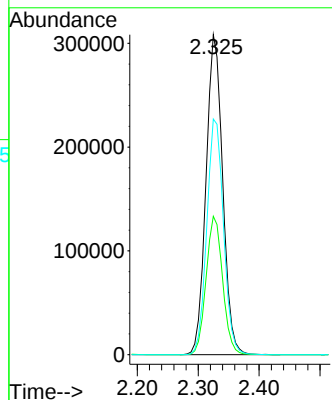
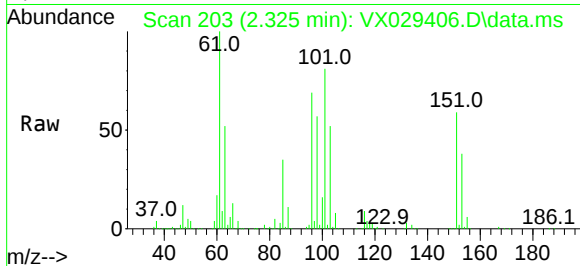




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 192.017 ug/L
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

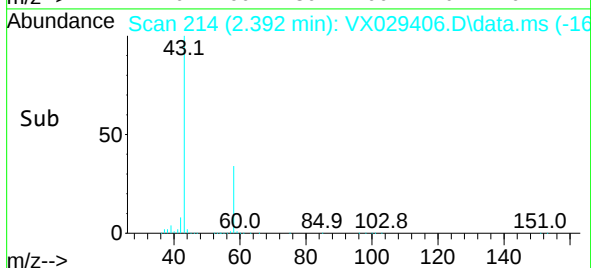
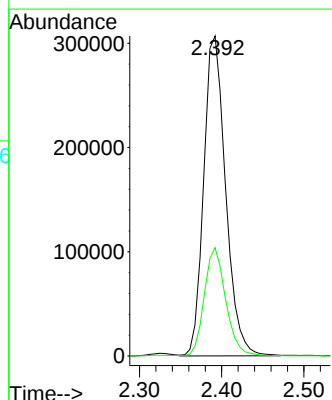
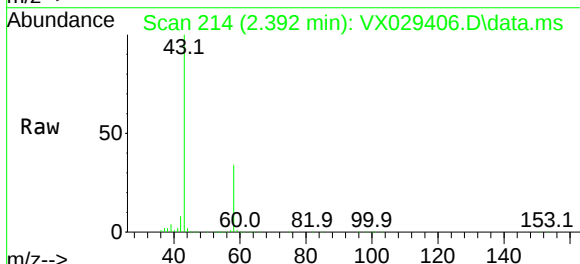
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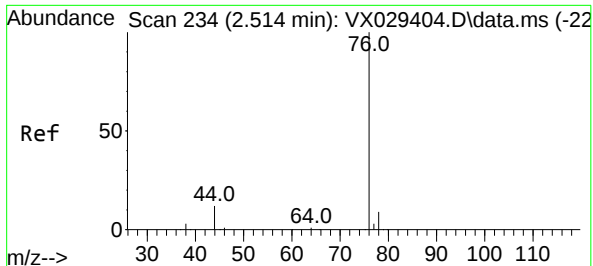
Tgt Ion:101 Resp: 585498
Ion Ratio Lower Upper
101 100
85 42.9 33.9 50.9
151 74.0 60.7 91.1



#13
Acetone
Concen: 287.788 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion: 43 Resp: 569036
Ion Ratio Lower Upper
43 100
58 32.8 0.0 61.4

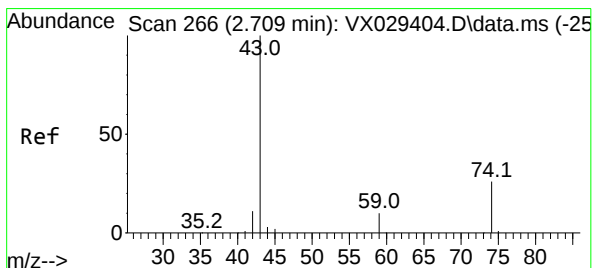
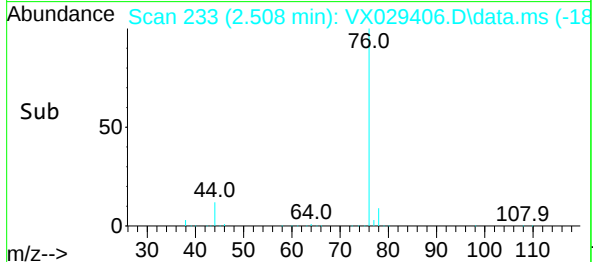
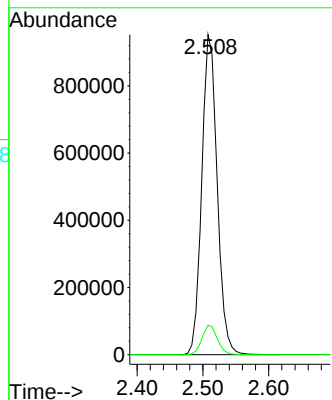
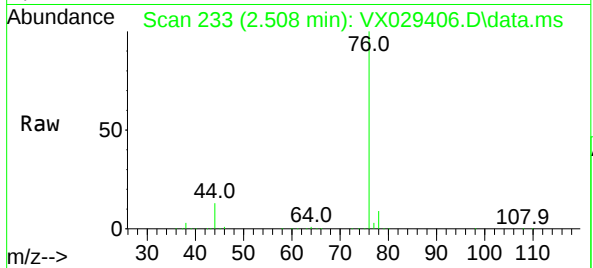




#14
Carbon disulfide
Concen: 188.383 ug/L
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

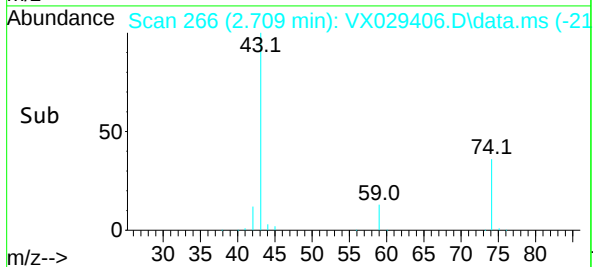
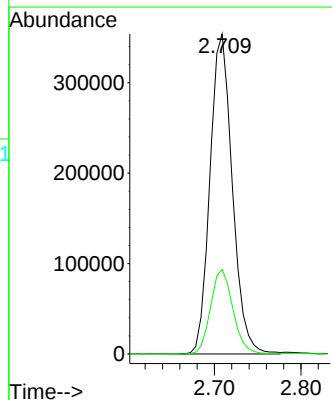
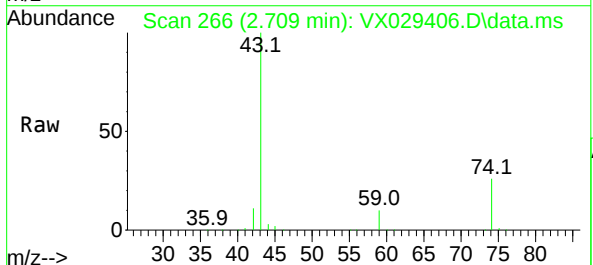
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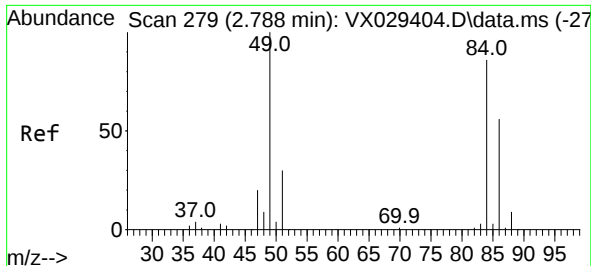
Tgt Ion: 76 Resp: 1548404
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#15
Methyl Acetate
Concen: 197.416 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion: 43 Resp: 633880
Ion Ratio Lower Upper
43 100
74 26.4 18.2 27.4

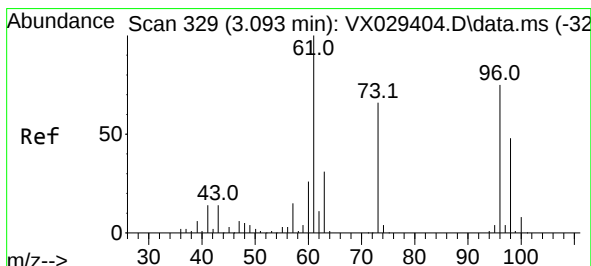
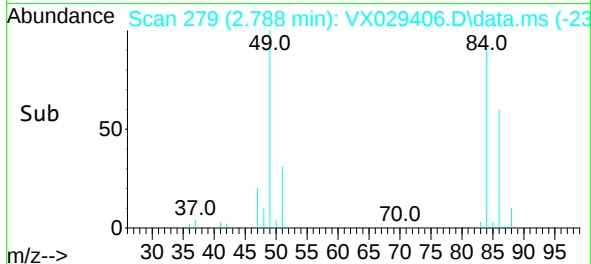
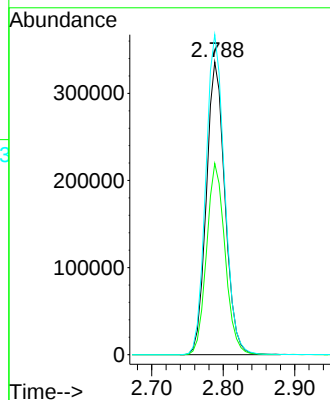
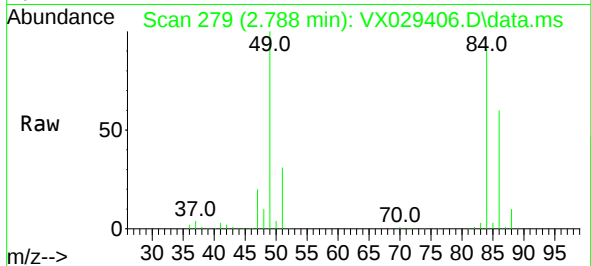




#16
Methylene chloride
Concen: 197.153 ug/L
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

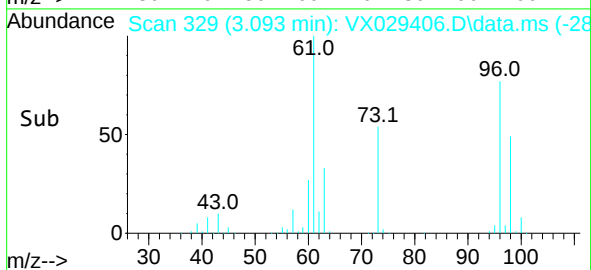
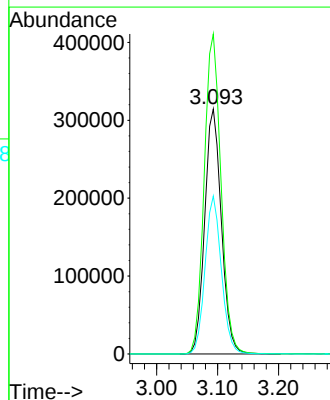
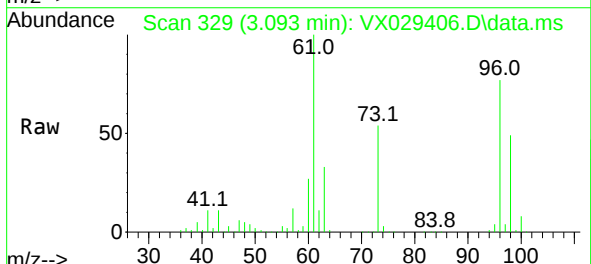
Instrument :
MSVOA_X
ClientSampleId :
VSTD200670

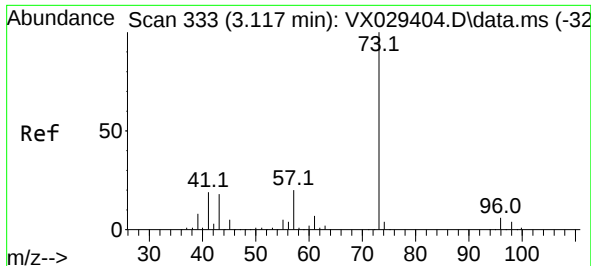
Tgt Ion: 84 Resp: 607640
Ion Ratio Lower Upper
84 100
86 65.3 44.8 83.2
49 109.3 87.0 161.6



#17
trans-1,2-Dichloroethene
Concen: 201.163 ug/L
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion: 96 Resp: 598490
Ion Ratio Lower Upper
96 100
61 130.6 93.0 172.6
98 64.4 44.3 82.3

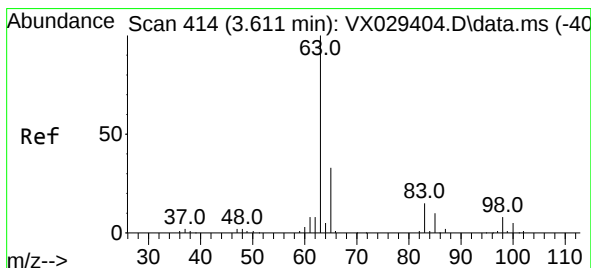
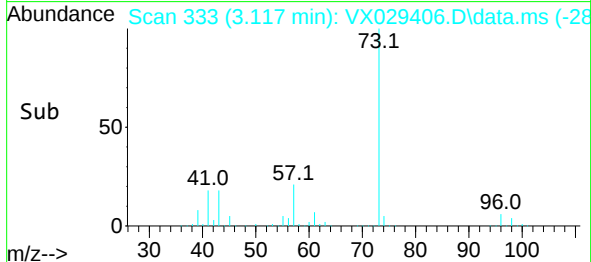
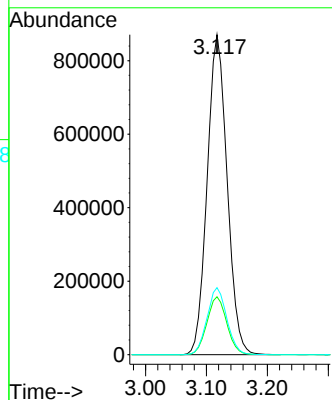
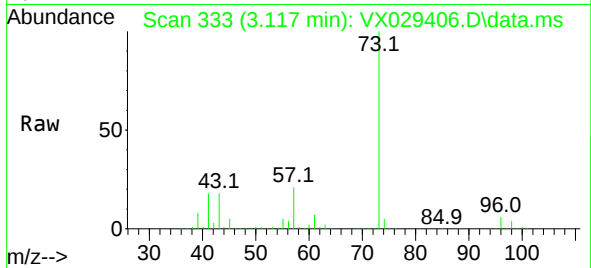




#18
Methyl tert-butyl Ether
Concen: 212.508 ug/L
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

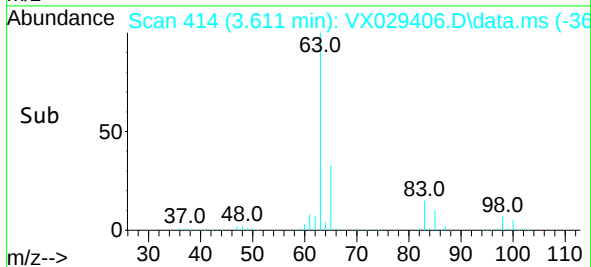
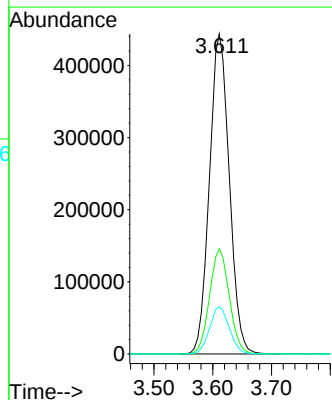
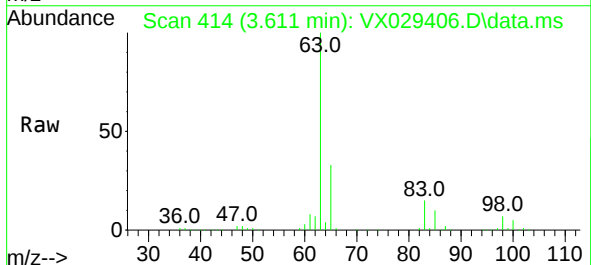
Instrument :
MSVOA_X
ClientSampleId :
VSTD200670

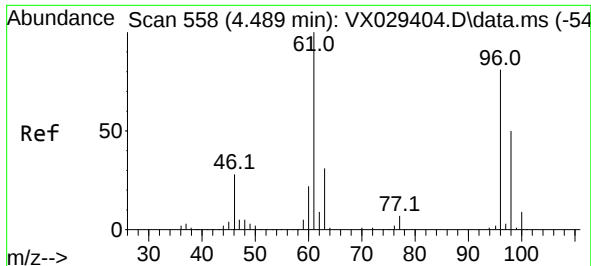
Tgt Ion: 73 Resp: 1981412
Ion Ratio Lower Upper
73 100
43 18.1 16.2 24.4
57 20.8 17.1 25.7



#19
1,1-Dichloroethane
Concen: 195.587 ug/L
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion: 63 Resp: 1041225
Ion Ratio Lower Upper
63 100
65 32.9 22.9 42.5
83 14.7 10.1 18.9



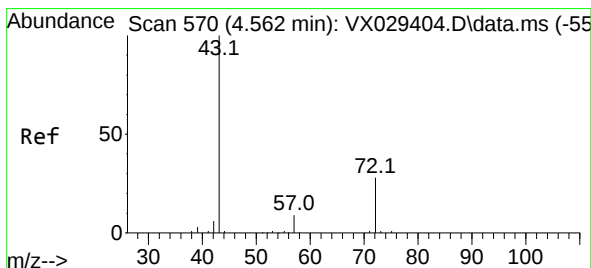
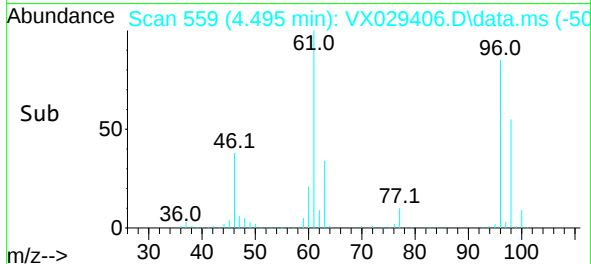
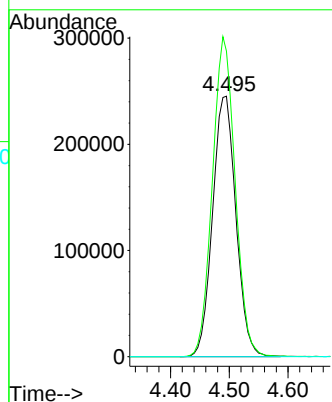
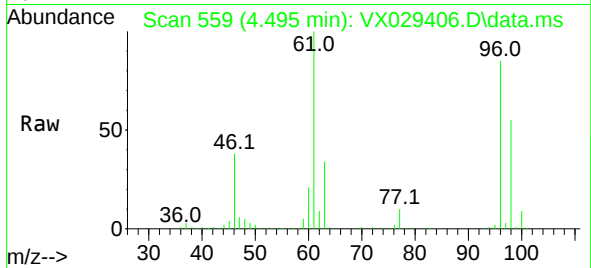


#20
 cis-1,2-Dichloroethene
 Concen: 206.320 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX029406.D
 Acq: 13 Jun 2022 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200670

Tgt Ion: 96 Resp: 677733

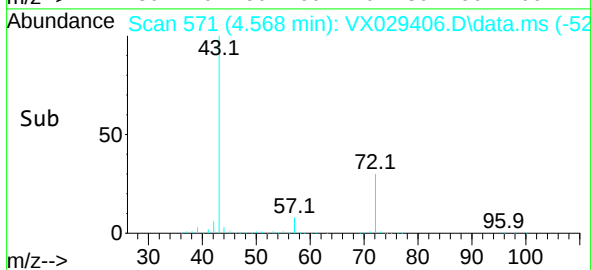
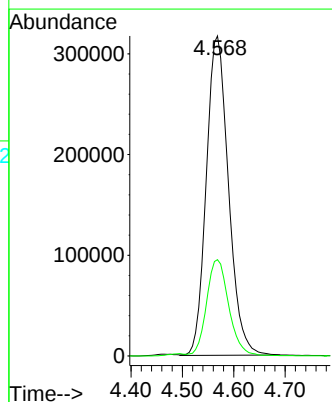
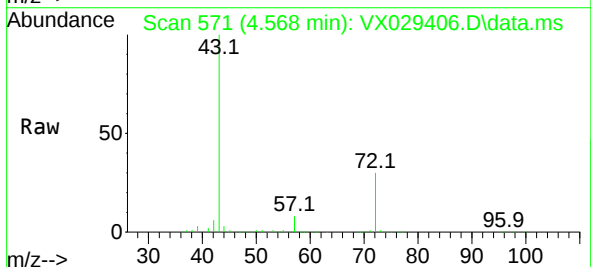
Ion	Ratio	Lower	Upper
96	100		
61	117.3	86.7	161.1
68	0.0	0.0	0.0

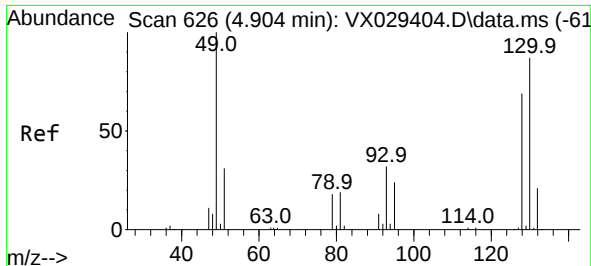


#22
 2-Butanone
 Concen: 362.440 ug/L
 RT: 4.568 min Scan# 571
 Delta R.T. 0.006 min
 Lab File: VX029406.D
 Acq: 13 Jun 2022 11:49

Tgt Ion: 43 Resp: 951273

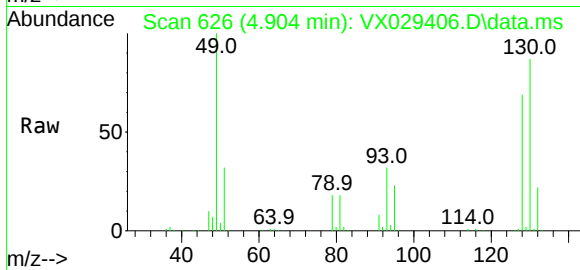
Ion	Ratio	Lower	Upper
43	100		
72	29.9	13.2	39.5



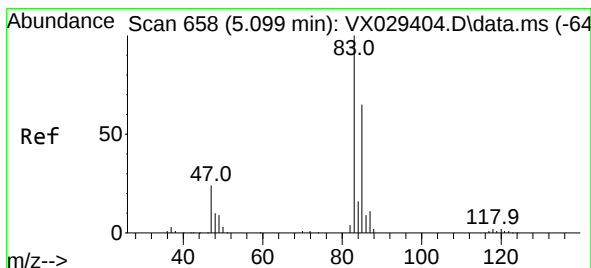
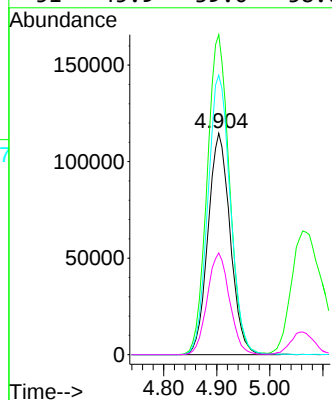
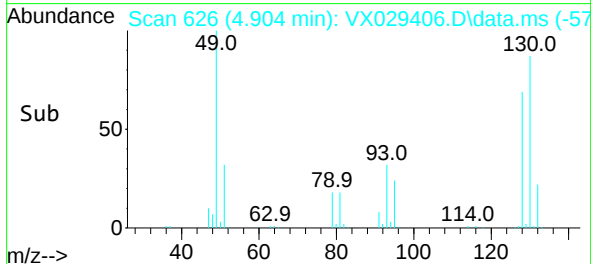


#23
Bromochloromethane
Concen: 199.550 ug/L
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTD200670

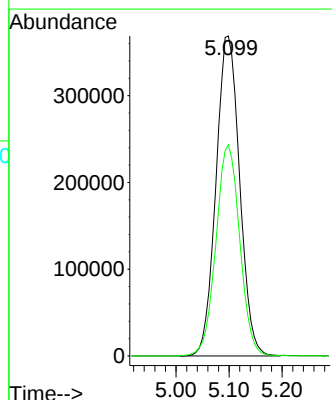
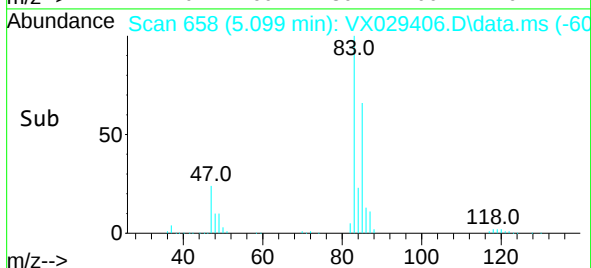
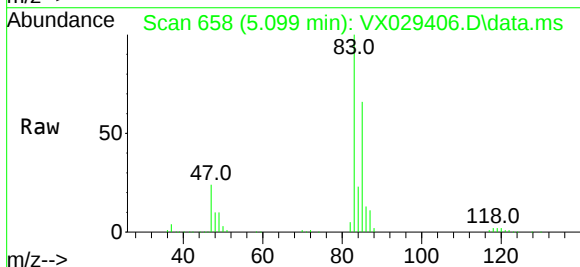


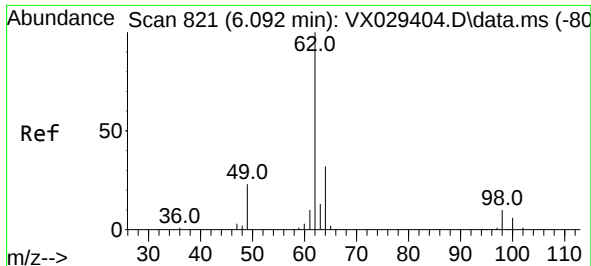
Tgt Ion:128 Resp: 333439
Ion Ratio Lower Upper
128 100
49 144.5 110.2 204.6
130 126.2 88.2 163.8
51 45.9 39.0 58.6



#25
Chloroform
Concen: 199.501 ug/L
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion: 83 Resp: 1141871
Ion Ratio Lower Upper
83 100
85 66.0 44.2 82.2





#27

1,2-Dichloroethane

Concen: 194.914 ug/L

RT: 6.092 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX029406.D

Acq: 13 Jun 2022 11:49

Instrument :

MSVOA_X

ClientSampleId :

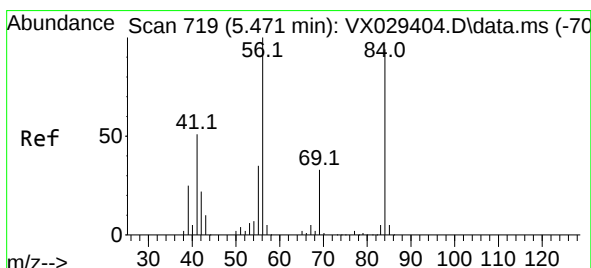
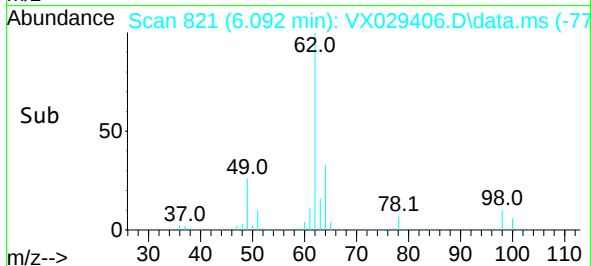
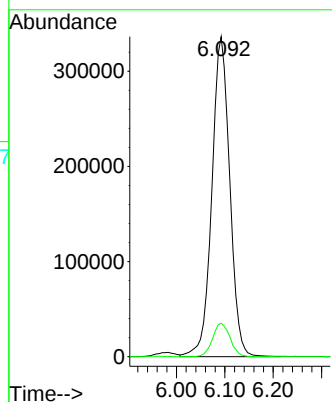
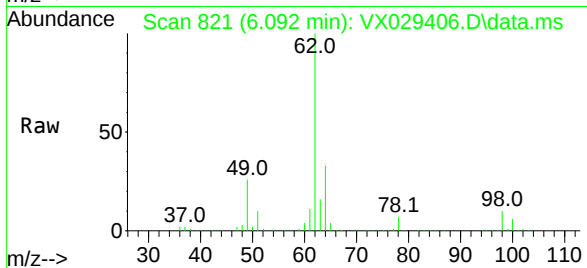
VSTD200670

Tgt Ion: 62 Resp: 864412

Ion Ratio Lower Upper

62 100

98 10.4 8.2 12.2



#29

Cyclohexane

Concen: 190.114 ug/L

RT: 5.477 min Scan# 720

Delta R.T. 0.006 min

Lab File: VX029406.D

Acq: 13 Jun 2022 11:49

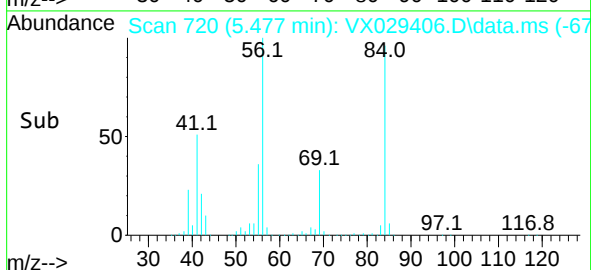
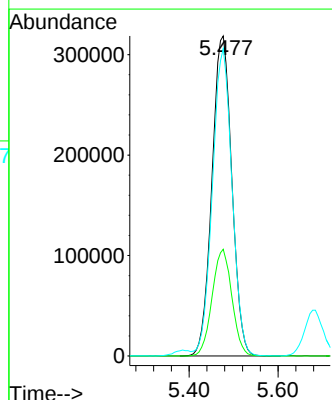
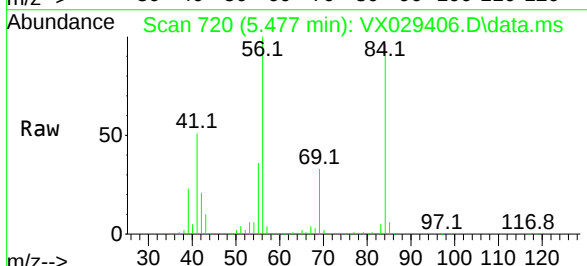
Tgt Ion: 56 Resp: 988946

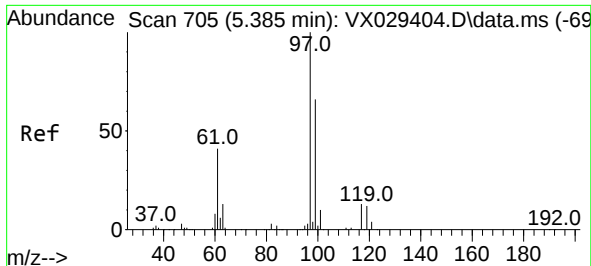
Ion Ratio Lower Upper

56 100

69 33.1 24.6 36.8

84 94.8 69.8 104.8





#30

1,1,1-Trichloroethane

Concen: 206.957 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX029406.D

Acq: 13 Jun 2022 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTD200670

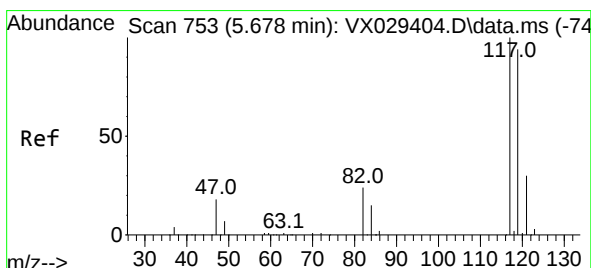
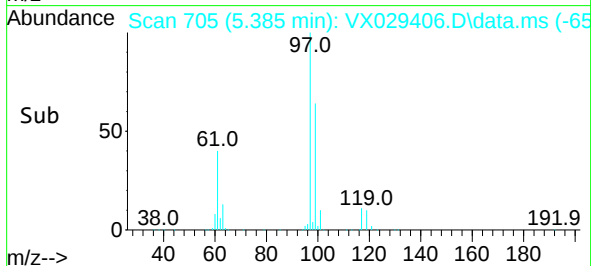
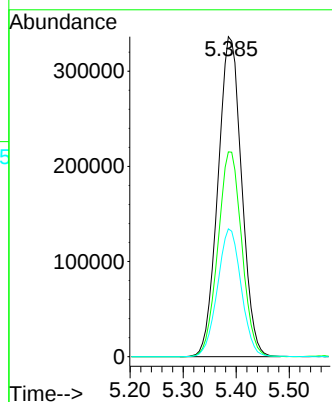
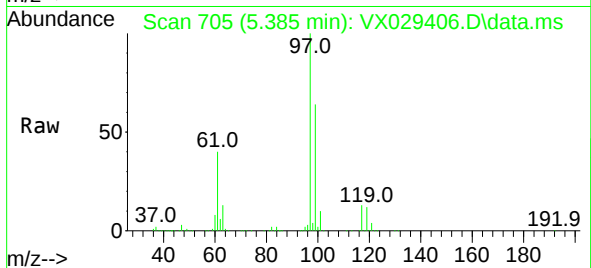
Tgt Ion: 97 Resp: 1044911

Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

61 39.9 35.2 52.8



#31

Carbon tetrachloride

Concen: 197.042 ug/L

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX029406.D

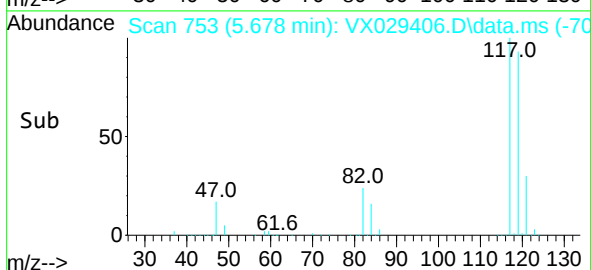
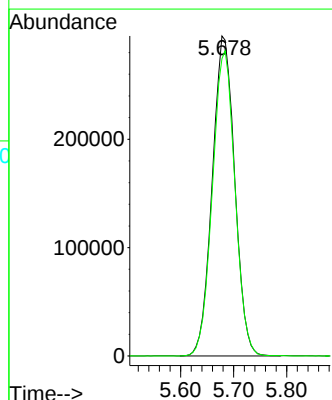
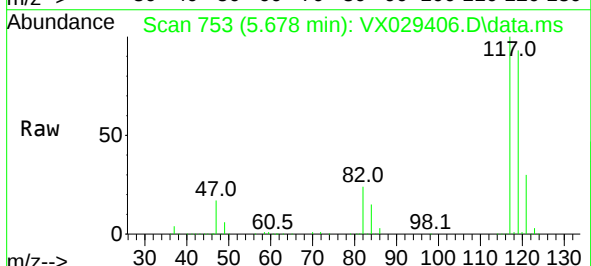
Acq: 13 Jun 2022 11:49

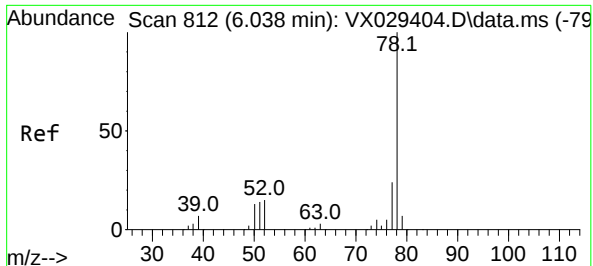
Tgt Ion: 117 Resp: 867240

Ion Ratio Lower Upper

117 100

119 95.8 77.8 116.8

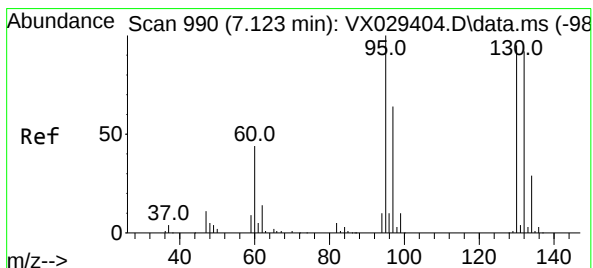
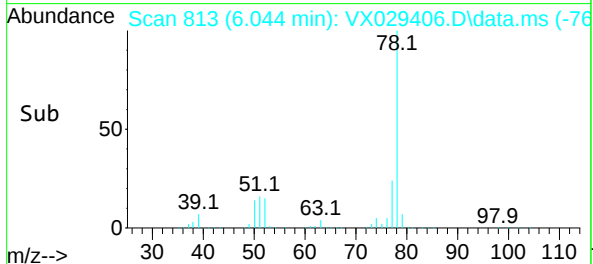
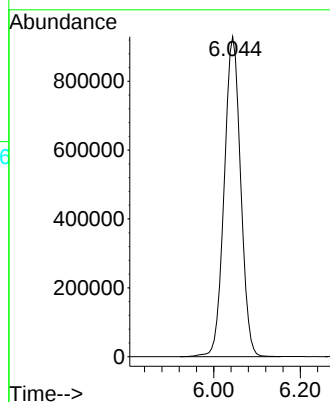
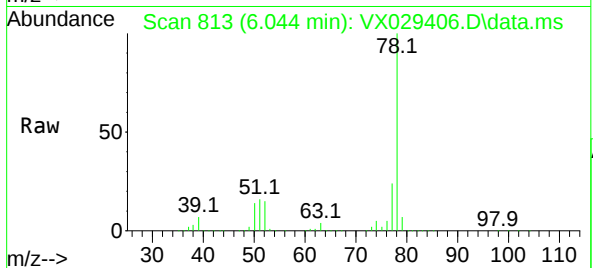




#33
Benzene
Concen: 198.355 ug/L
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTD200670

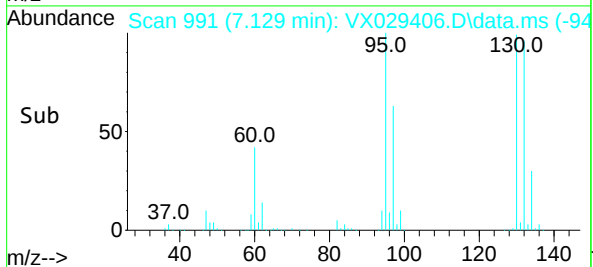
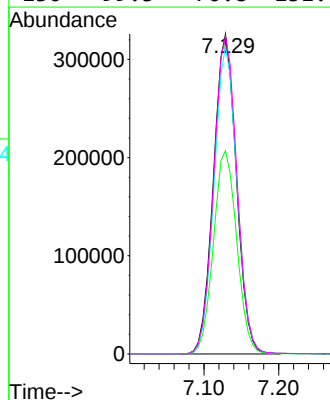
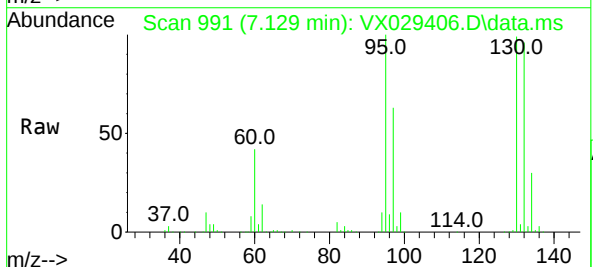
Tgt Ion: 78 Resp: 2459734

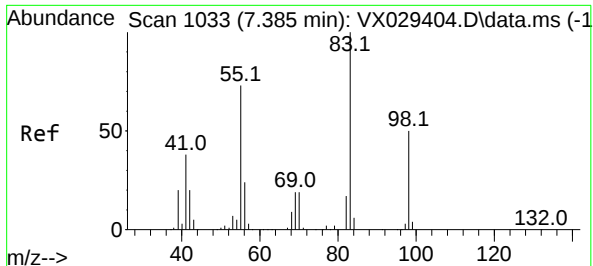


#34
Trichloroethene
Concen: 193.322 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion: 95 Resp: 694434

Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.5	84.5
132	96.0	69.9	129.7
130	99.3	70.8	131.6

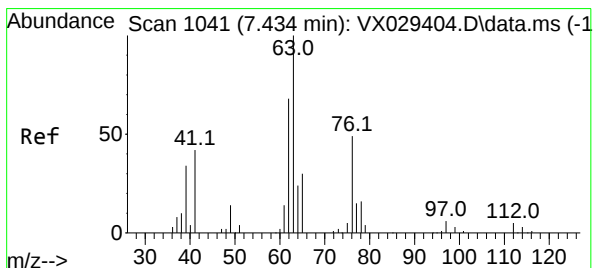
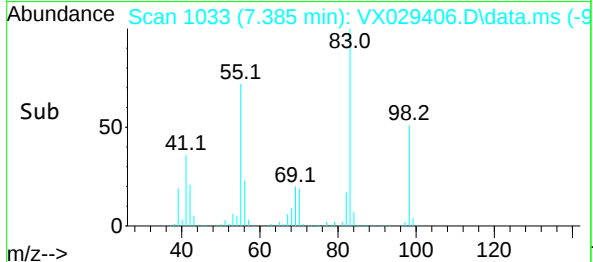
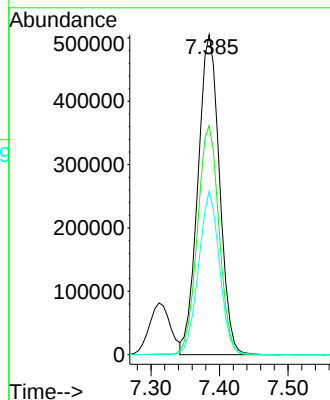
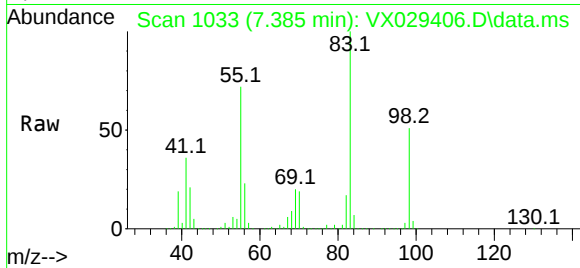




#35
Methylcyclohexane
Concen: 205.755 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

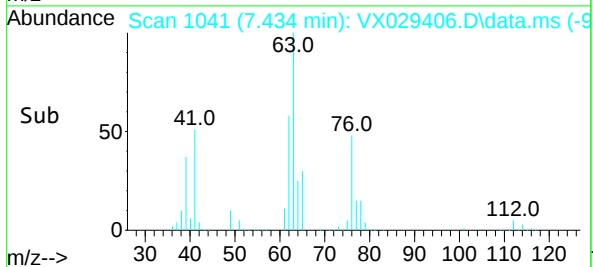
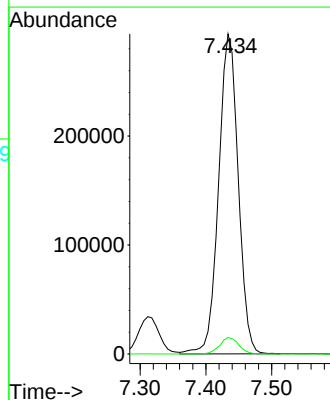
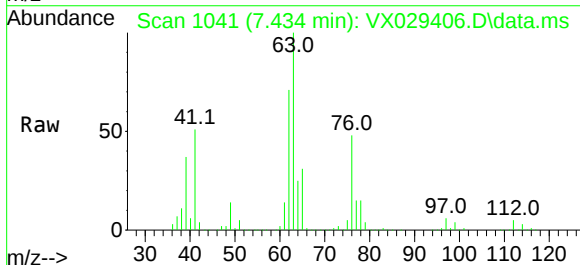
Instrument :
MSVOA_X
ClientSampleId :
VSTD200670

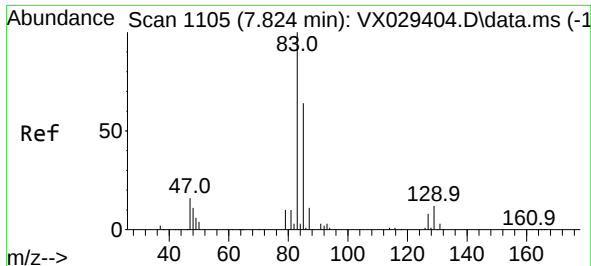
Tgt Ion: 83 Resp: 1103528
Ion Ratio Lower Upper
83 100
55 71.5 60.6 90.8
98 49.7 39.8 59.8



#37
1,2-Dichloropropane
Concen: 194.865 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion: 63 Resp: 608670
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.8

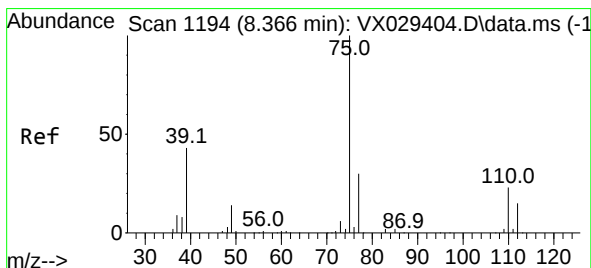
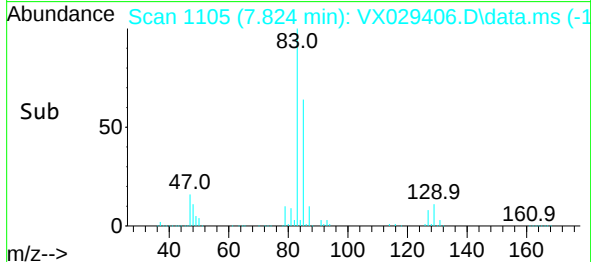
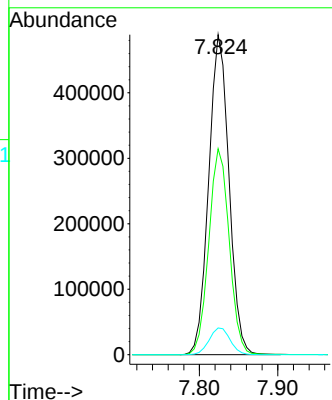
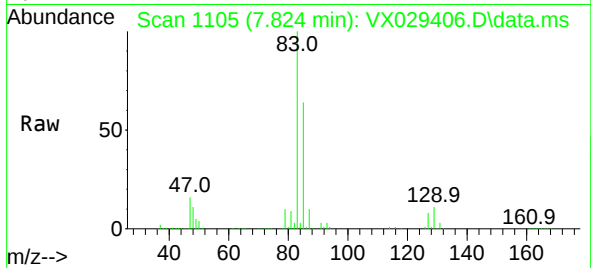




#38
Bromodichloromethane
Concen: 208.759 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

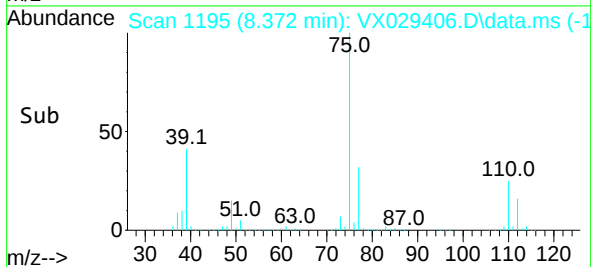
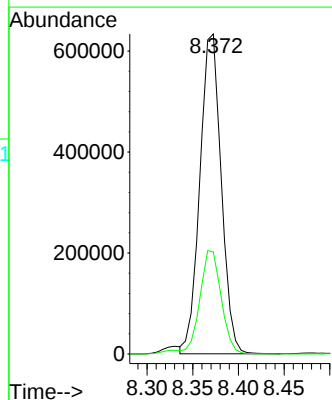
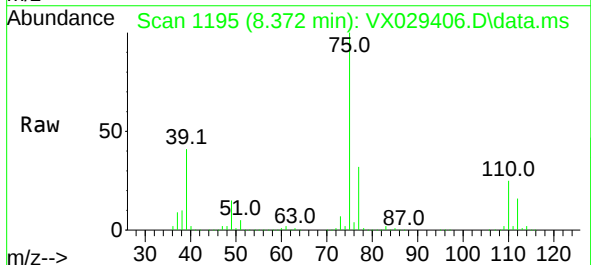
Instrument :
MSVOA_X
ClientSampleId :
VSTD200670

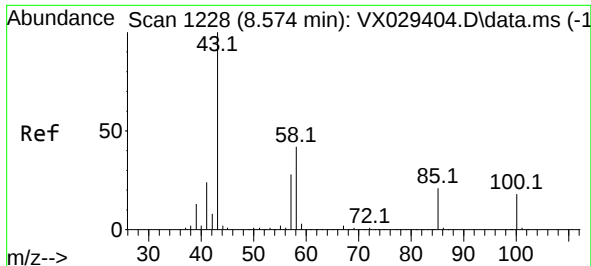
Tgt Ion: 83 Resp: 879407
Ion Ratio Lower Upper
83 100
85 64.3 44.7 83.1
127 8.4 6.9 10.3



#39
cis-1,3-Dichloropropene
Concen: 218.488 ug/L
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion: 75 Resp: 1027655
Ion Ratio Lower Upper
75 100
77 31.9 21.1 39.1

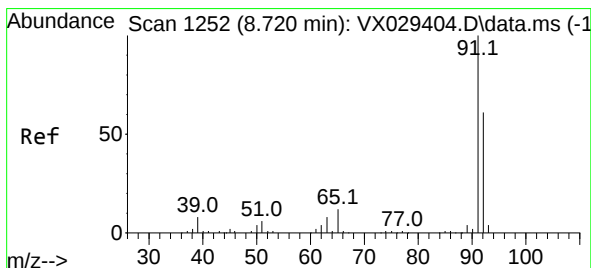
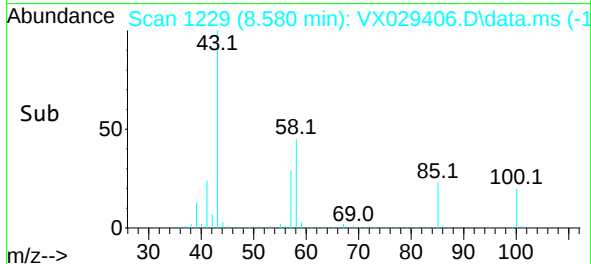
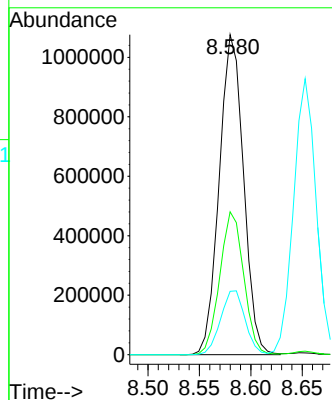
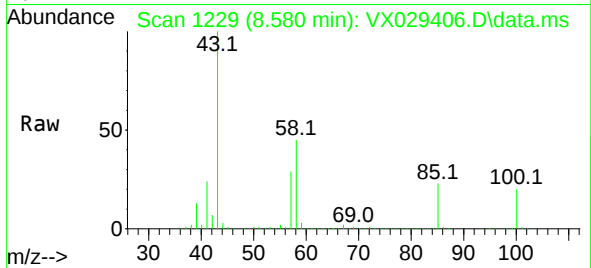




#40
4-Methyl-2-pentanone
Concen: 398.053 ug/L
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

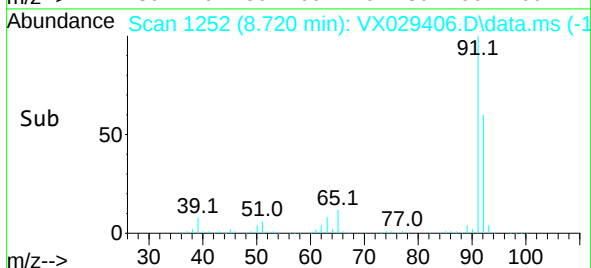
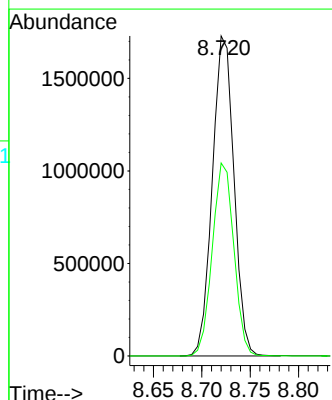
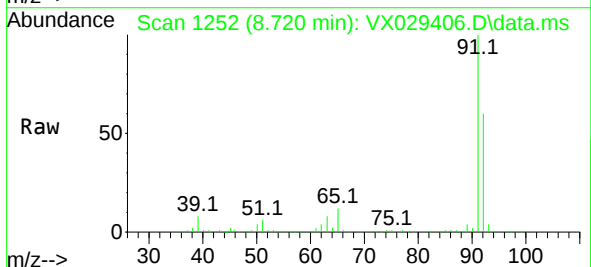
Instrument :
MSVOA_X
ClientSampleId :
VSTD200670

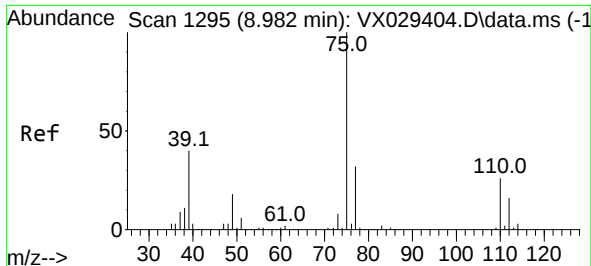
Tgt Ion: 43 Resp: 1767393
Ion Ratio Lower Upper
43 100
58 44.0 31.0 46.6
100 20.2 13.0 19.4#



#42
Toluene
Concen: 200.537 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion: 91 Resp: 2683387
Ion Ratio Lower Upper
91 100
92 60.3 41.5 77.1

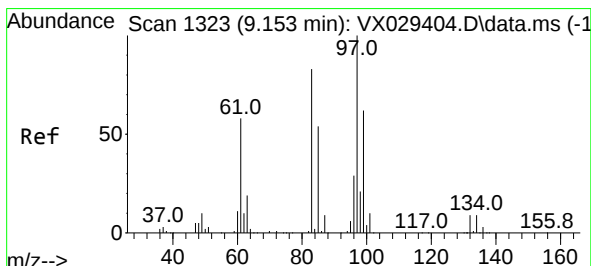
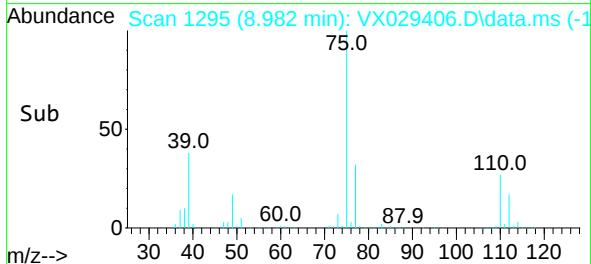
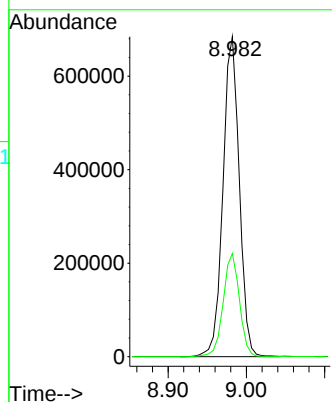
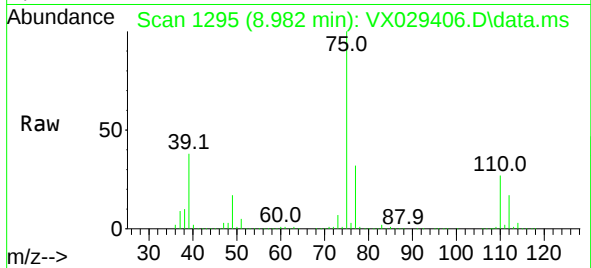




#44
trans-1,3-Dichloropropene
Concen: 224.734 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

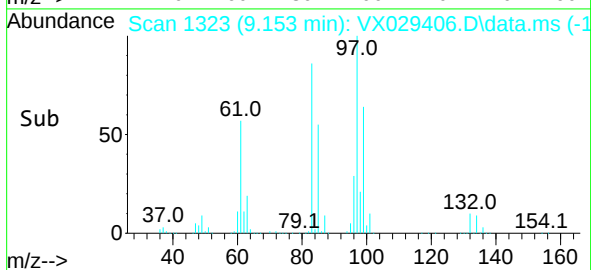
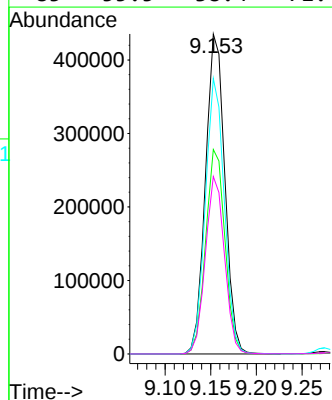
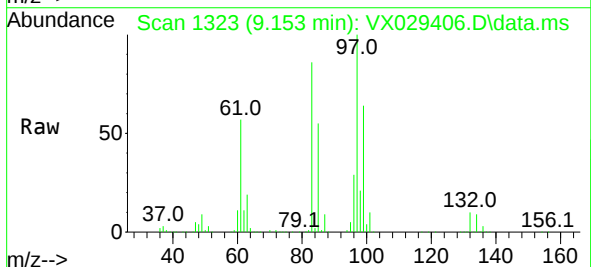
Instrument :
MSVOA_X
ClientSampleId :
VSTD200670

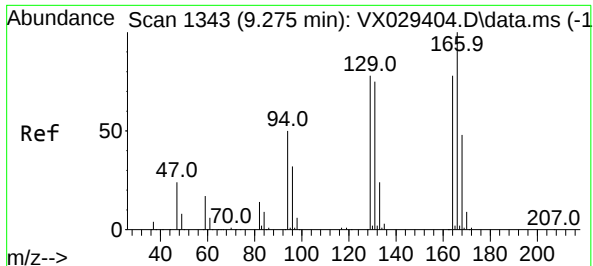
Tgt Ion: 75 Resp: 993751
Ion Ratio Lower Upper
75 100
77 32.3 22.3 41.3



#45
1,1,2-Trichloroethane
Concen: 207.872 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

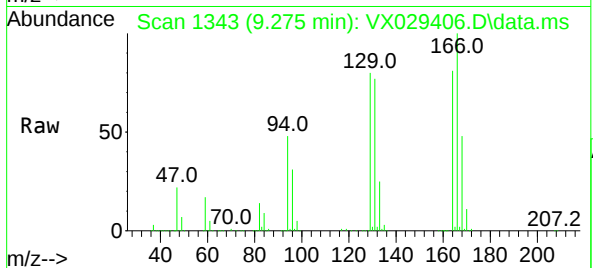
Tgt Ion: 97 Resp: 639165
Ion Ratio Lower Upper
97 100
99 63.9 43.3 80.5
83 86.1 57.5 106.9
85 55.5 38.4 71.4



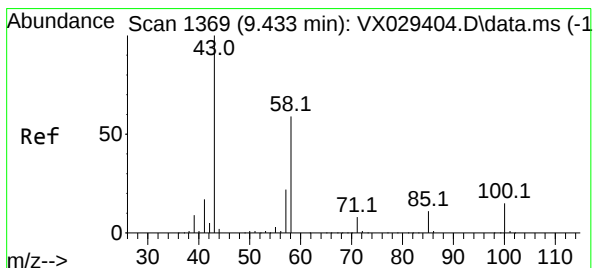
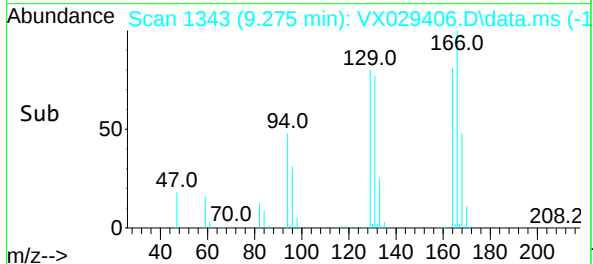
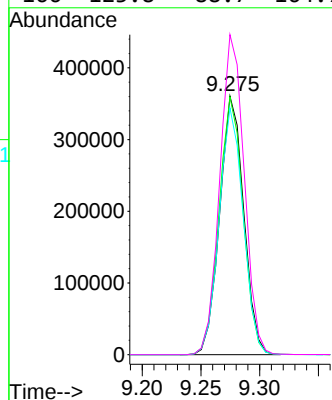


#46
Tetrachloroethene
Concen: 197.240 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTD200670

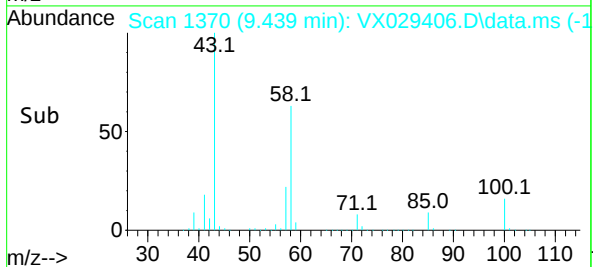
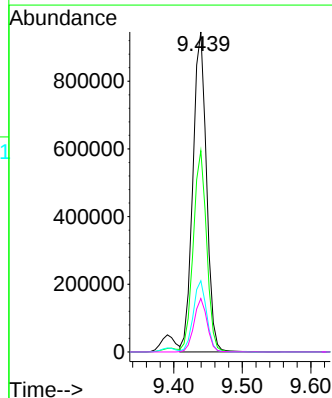
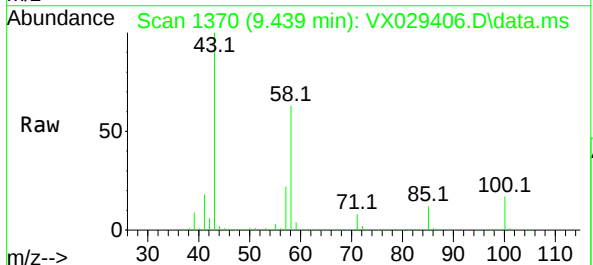


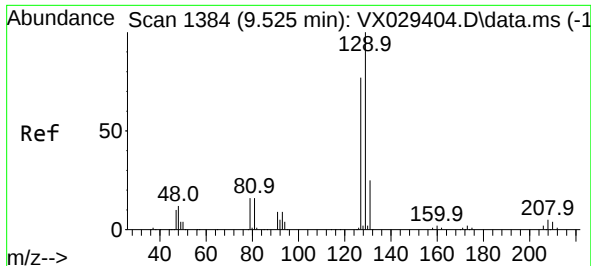
Tgt Ion:164 Resp: 512167
Ion Ratio Lower Upper
164 100
129 99.6 65.5 121.7
131 95.5 64.3 119.3
166 123.8 88.7 164.7



#48
2-Hexanone
Concen: 366.084 ug/L
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion: 43 Resp: 1304717
Ion Ratio Lower Upper
43 100
58 61.8 42.9 64.3
57 21.7 15.3 22.9
100 16.2 10.2 15.4#

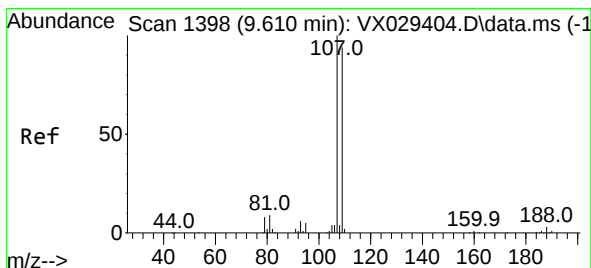
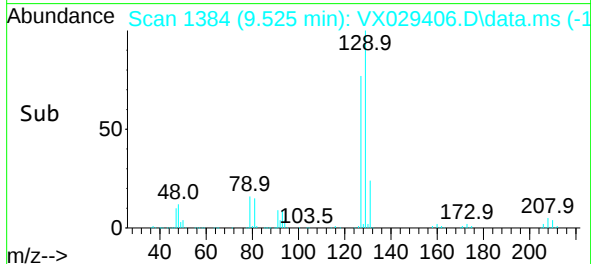
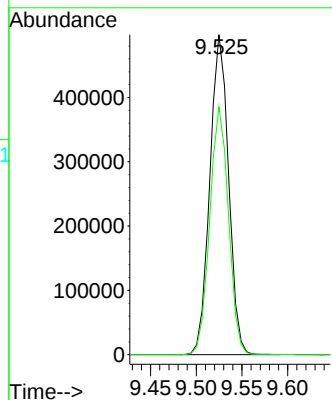
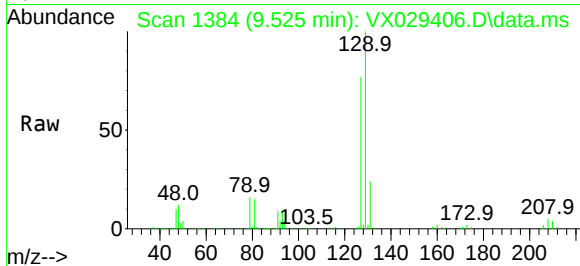




#49
Dibromochloromethane
Concen: 211.672 ug/L
RT: 9.525 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

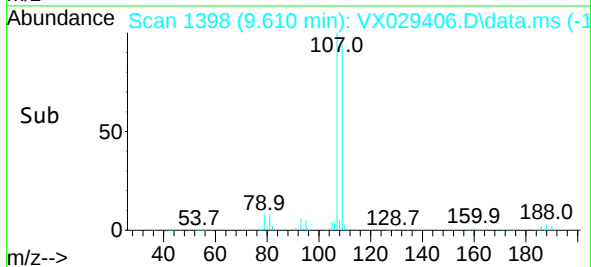
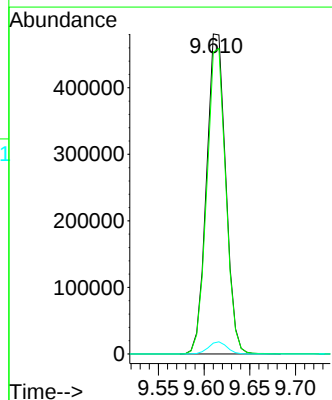
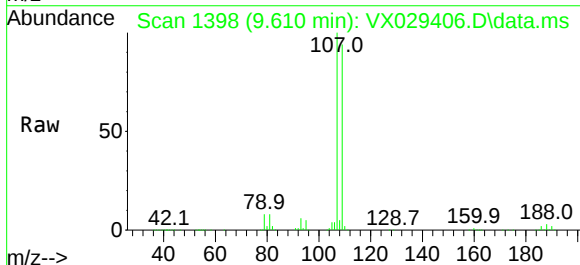
Instrument :
MSVOA_X
ClientSampleId :
VSTD200670

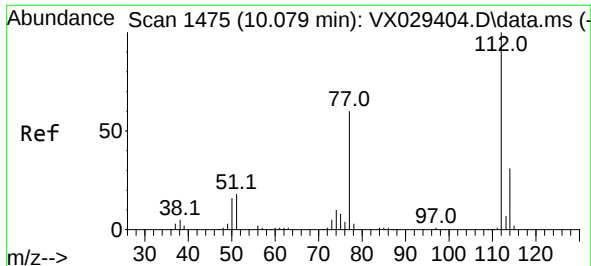
Tgt Ion:129 Resp: 707765
Ion Ratio Lower Upper
129 100
127 77.4 54.3 100.9



#50
1,2-Dibromoethane
Concen: 215.515 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion:107 Resp: 699678
Ion Ratio Lower Upper
107 100
109 94.3 64.9 120.5
188 3.4 2.7 4.1

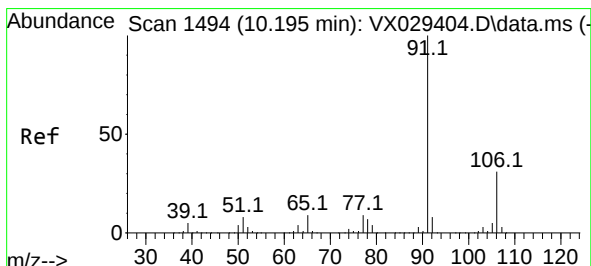
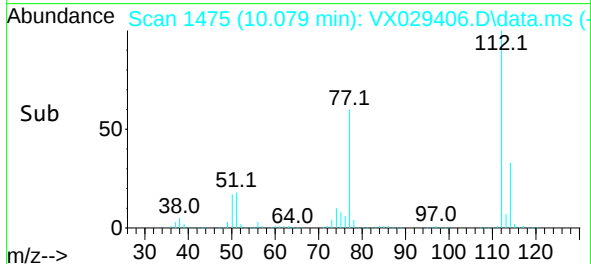
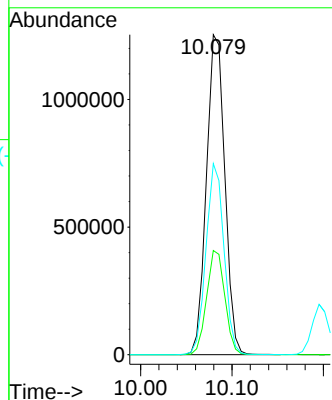
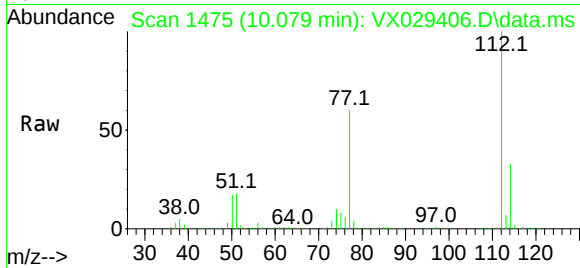




#51
Chlorobenzene
Concen: 205.621 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

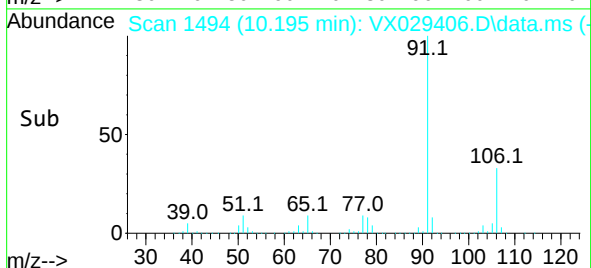
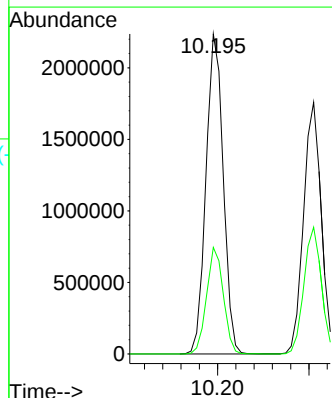
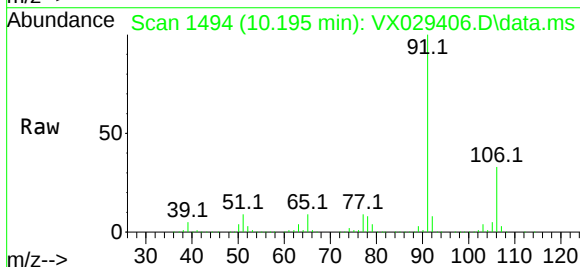
Instrument :
MSVOA_X
ClientSampleId :
VSTD200670

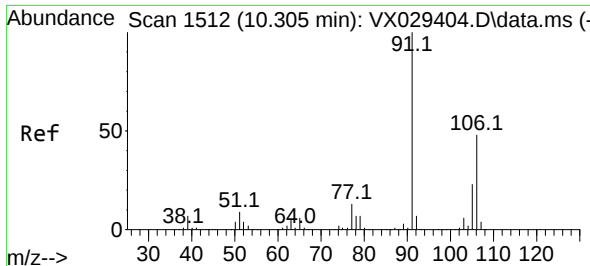
Tgt Ion:112 Resp: 1752482
Ion Ratio Lower Upper
112 100
114 32.6 22.2 41.2
77 59.7 45.9 68.9



#52
Ethylbenzene
Concen: 202.069 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion: 91 Resp: 2923299
Ion Ratio Lower Upper
91 100
106 33.3 21.7 40.3

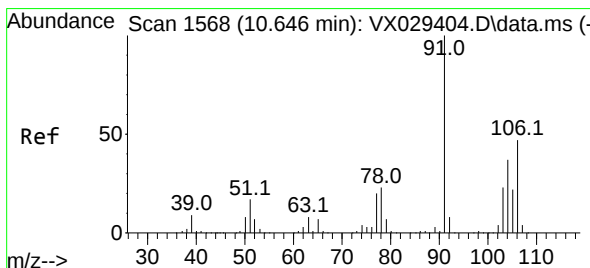
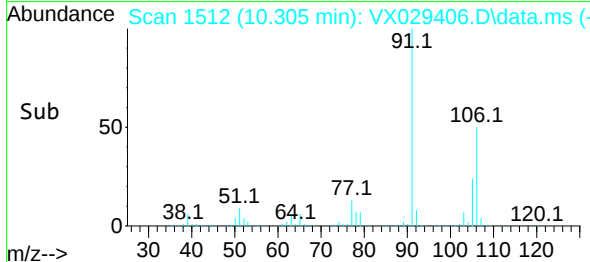
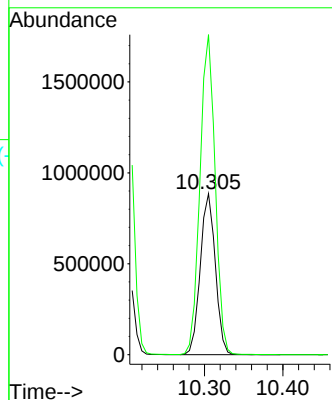
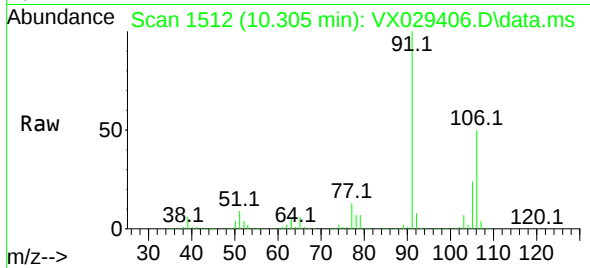




#53
m,p-Xylene
Concen: 207.725 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

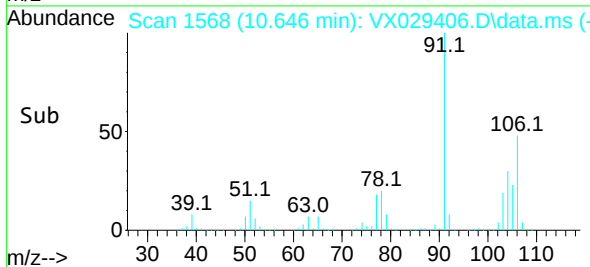
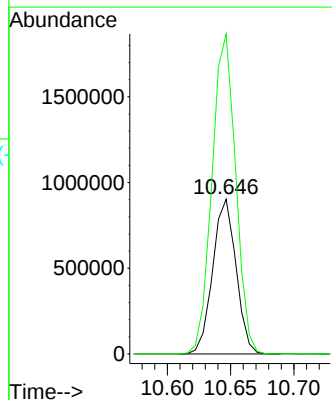
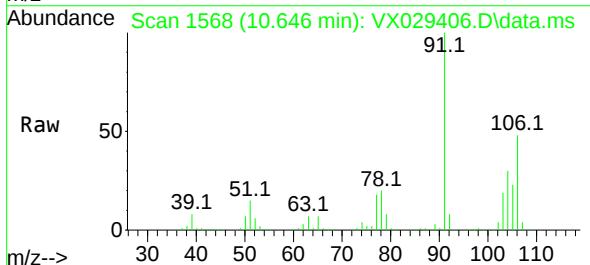
Instrument :
MSVOA_X
ClientSampleId :
VSTD200670

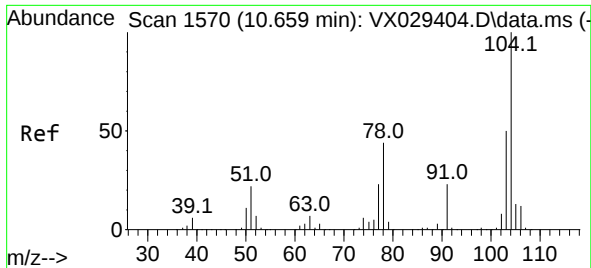
Tgt Ion:106 Resp: 1182328
Ion Ratio Lower Upper
106 100
91 198.7 145.7 270.5



#54
o-Xylene
Concen: 210.999 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion:106 Resp: 1156769
Ion Ratio Lower Upper
106 100
91 206.7 151.2 280.8

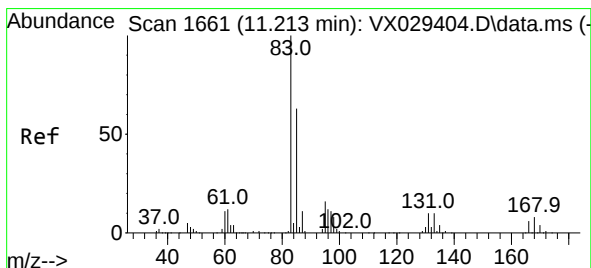
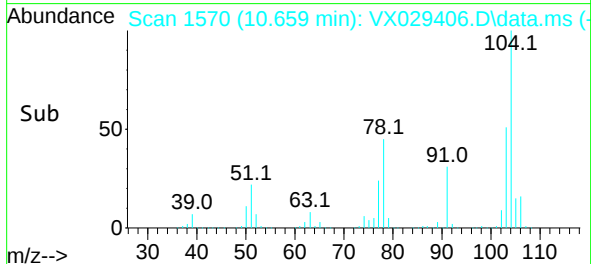
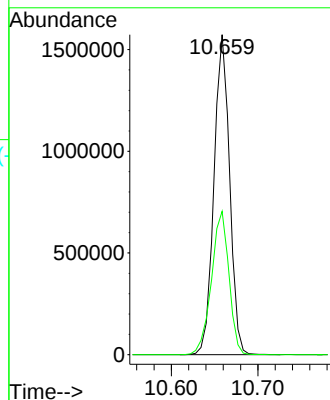
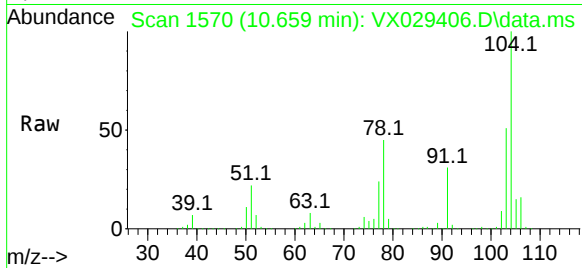




#55
Styrene
Concen: 212.673 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

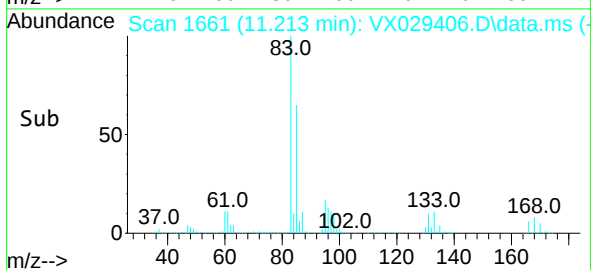
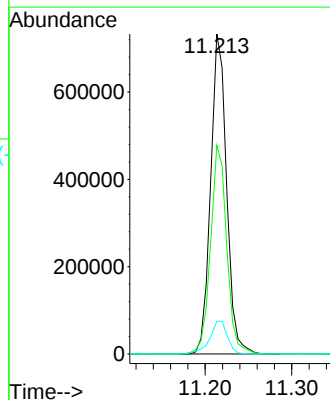
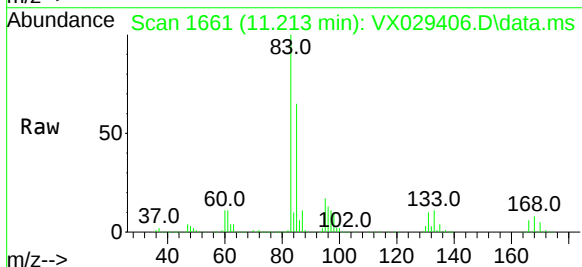
Instrument :
MSVOA_X
ClientSampleId :
VSTD200670

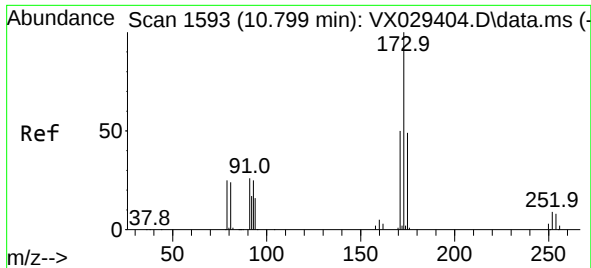
Tgt Ion:104 Resp: 1975071
Ion Ratio Lower Upper
104 100
78 44.8 33.3 61.9



#57
1,1,2,2-Tetrachloroethane
Concen: 219.828 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion: 83 Resp: 935871
Ion Ratio Lower Upper
83 100
85 65.2 45.8 85.2
131 10.2 8.5 12.7

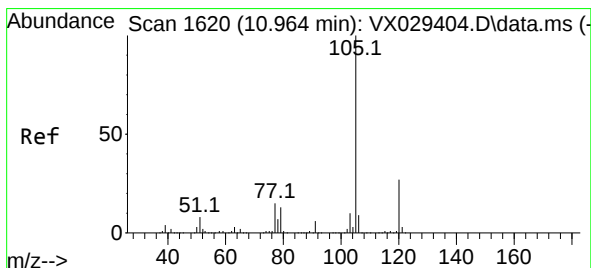
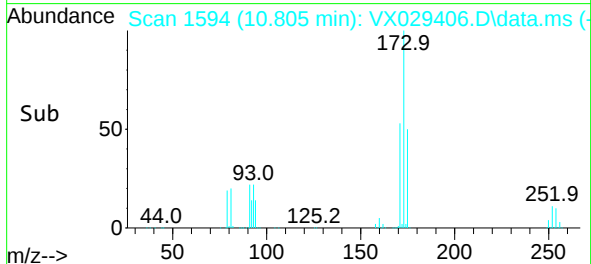
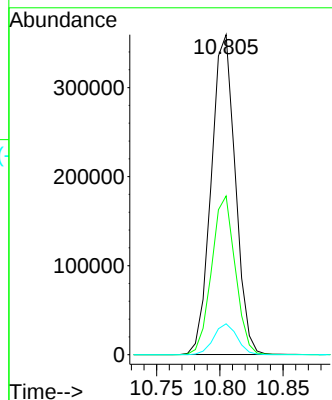
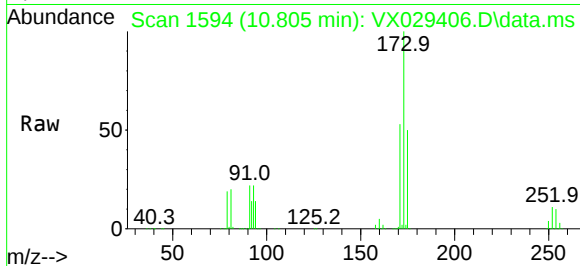




#59
Bromoform
Concen: 212.851 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

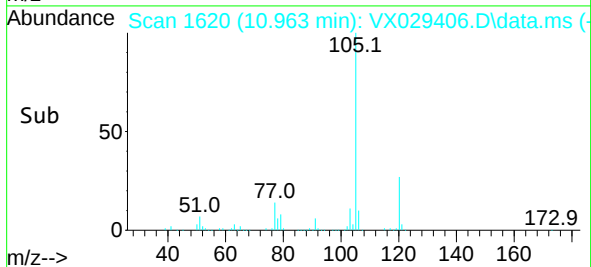
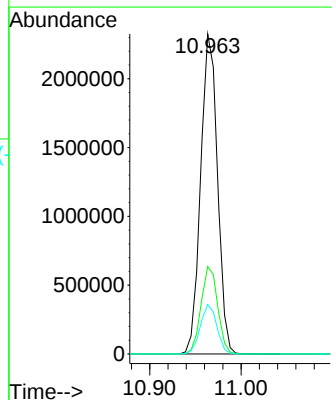
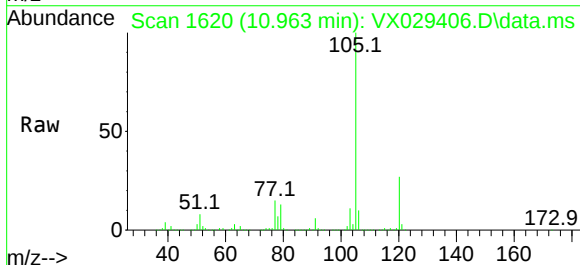
Instrument :
MSVOA_X
ClientSampleId :
VSTD200670

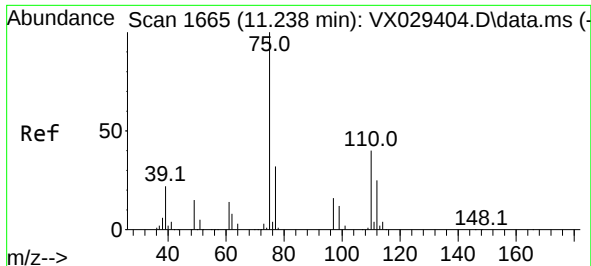
Tgt Ion:173 Resp: 475117
Ion Ratio Lower Upper
173 100
175 48.7 38.9 58.3
254 9.4 7.0 10.6



#60
Isopropylbenzene
Concen: 206.968 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion:105 Resp: 2967840
Ion Ratio Lower Upper
105 100
120 27.0 21.2 31.8
77 15.1 12.5 18.7

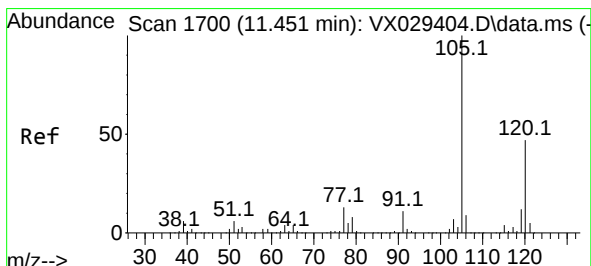
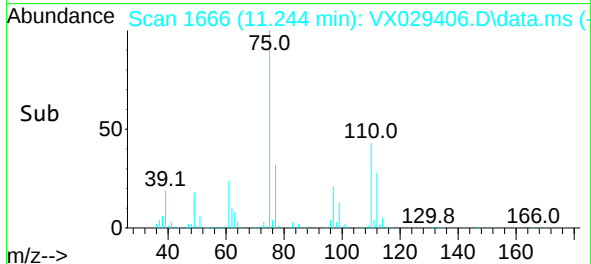
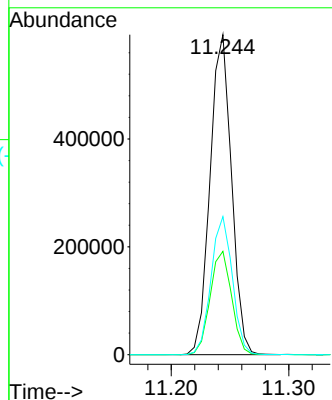
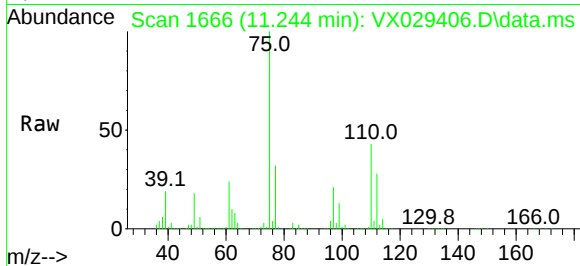




#61
1,2,3-Trichloropropane
Concen: 198.786 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

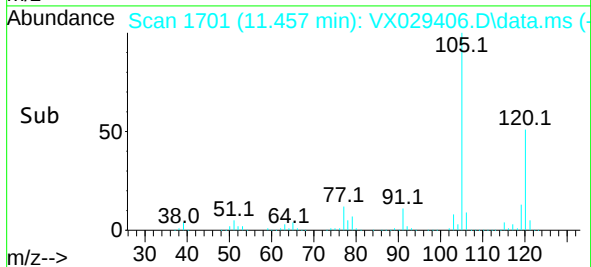
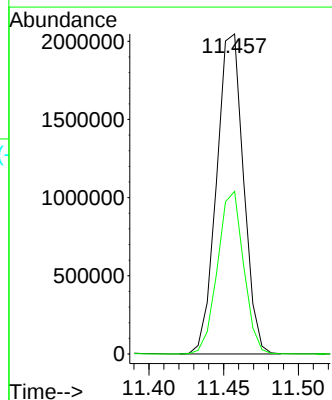
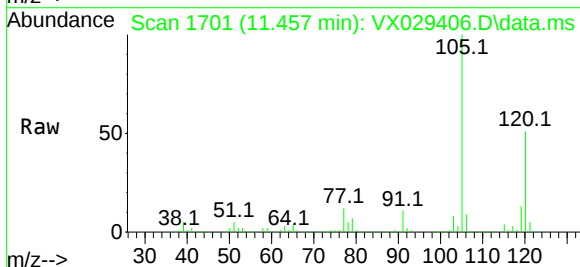
Instrument :
MSVOA_X
ClientSampleId :
VSTD200670

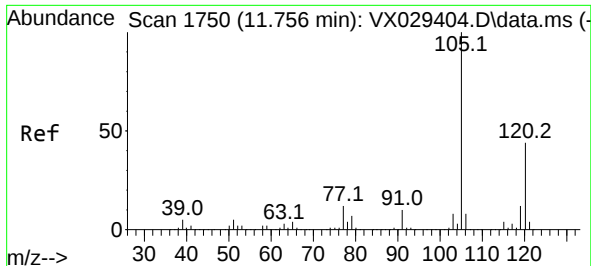
Tgt Ion: 75 Resp: 752697
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.6
110 42.8 33.4 50.0



#62
1,3,5-Trimethylbenzene
Concen: 246.906 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion: 105 Resp: 2563896
Ion Ratio Lower Upper
105 100
120 49.2 39.1 58.7

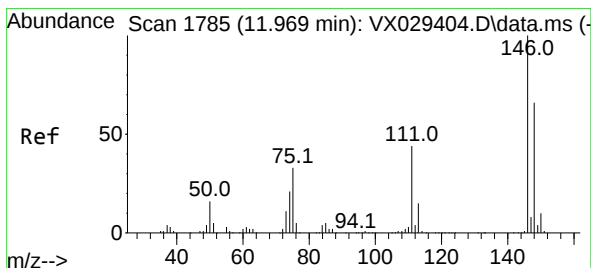
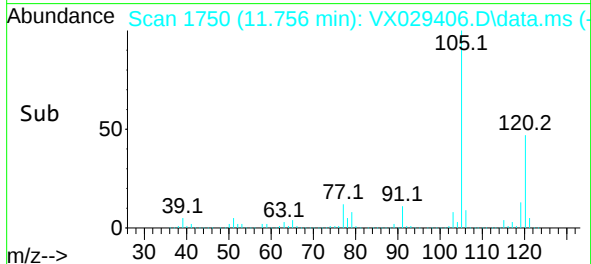
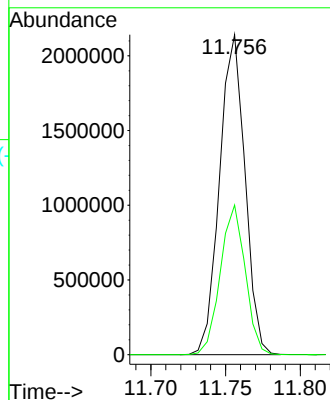
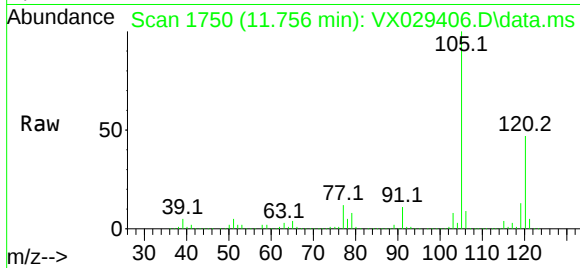




#63
1,2,4-Trimethylbenzene
Concen: 211.002 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

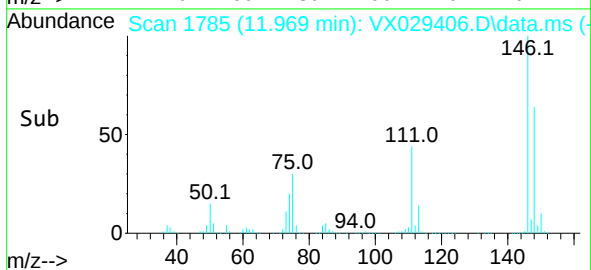
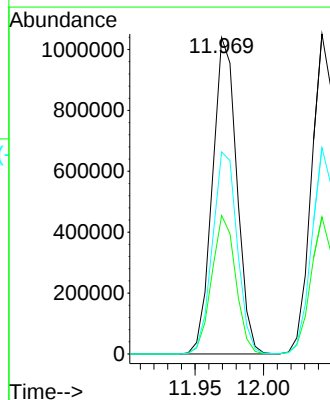
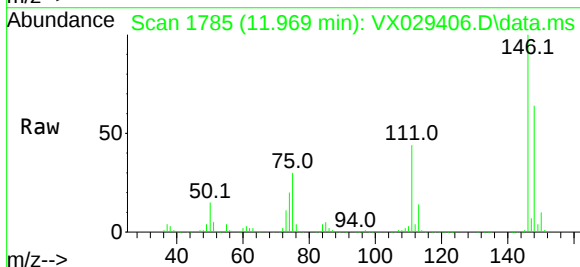
Instrument :
MSVOA_X
ClientSampleId :
VSTD200670

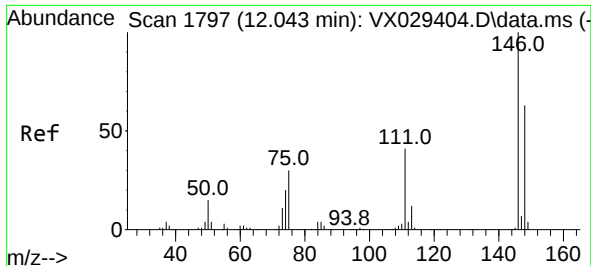
Tgt Ion:105 Resp: 2534710
Ion Ratio Lower Upper
105 100
120 45.7 36.1 54.1



#64
1,3-Dichlorobenzene
Concen: 205.003 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion:146 Resp: 1285915
Ion Ratio Lower Upper
146 100
111 43.7 28.3 52.7
148 63.9 43.8 81.4

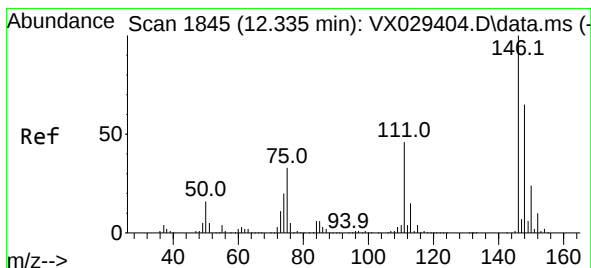
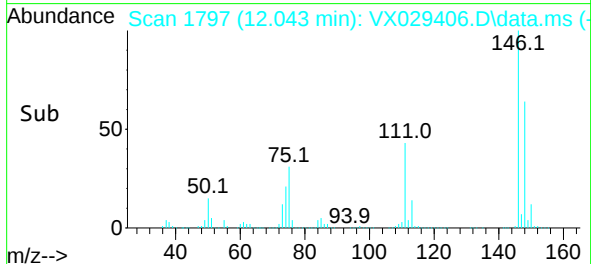
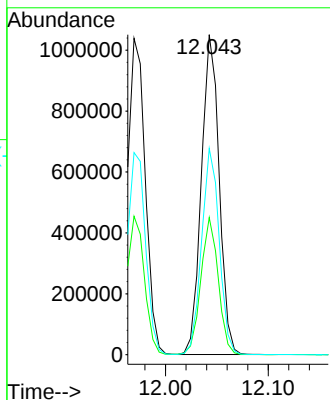
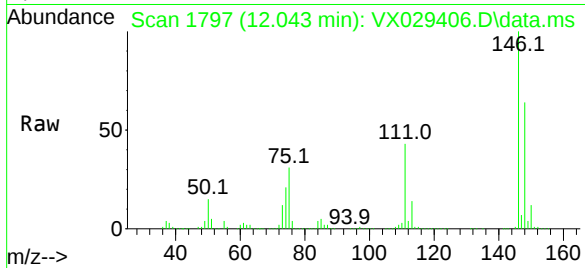




#65
1,4-Dichlorobenzene
Concen: 200.978 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

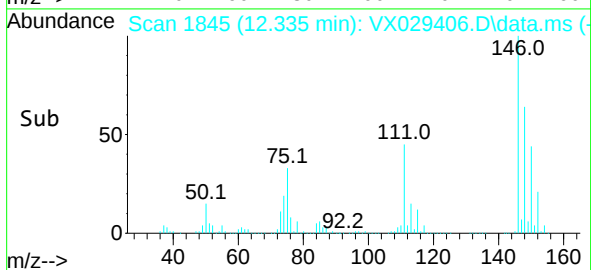
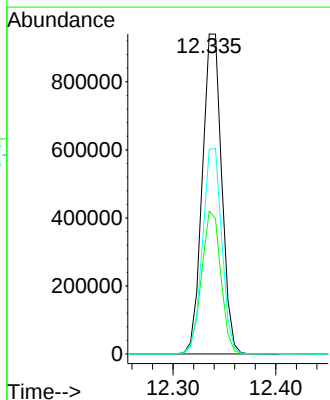
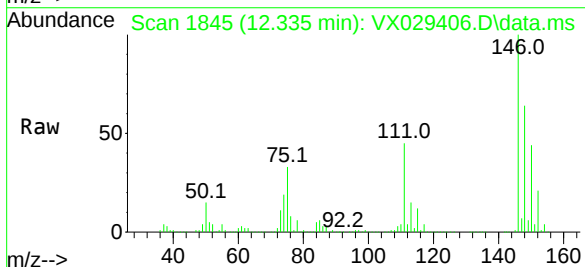
Instrument :
MSVOA_X
ClientSampleId :
VSTD200670

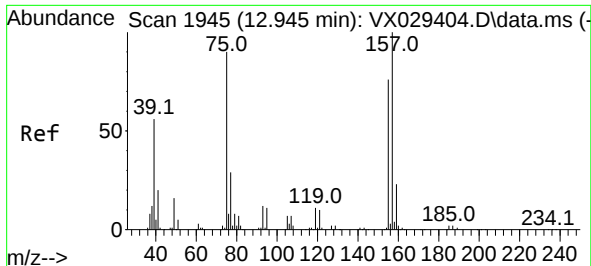
Tgt Ion:146 Resp: 1268408
Ion Ratio Lower Upper
146 100
111 42.9 26.5 49.3
148 64.5 43.5 80.7



#67
1,2-Dichlorobenzene
Concen: 201.705 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion:146 Resp: 1234551
Ion Ratio Lower Upper
146 100
111 44.7 34.5 51.7
148 63.9 51.9 77.9

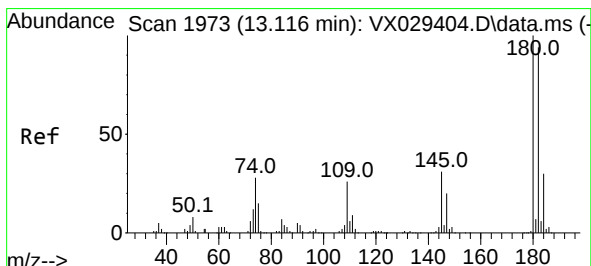
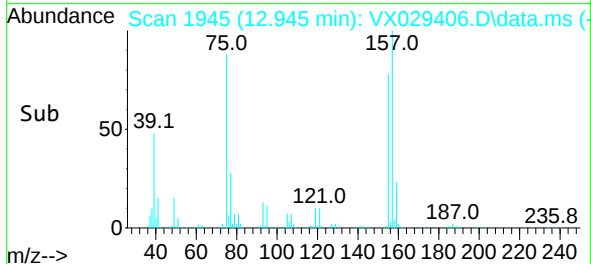
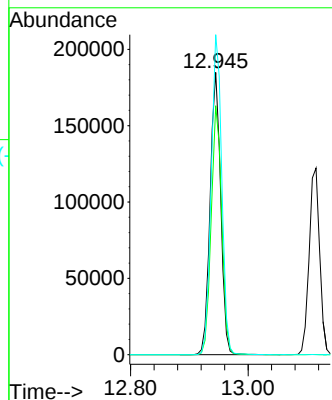
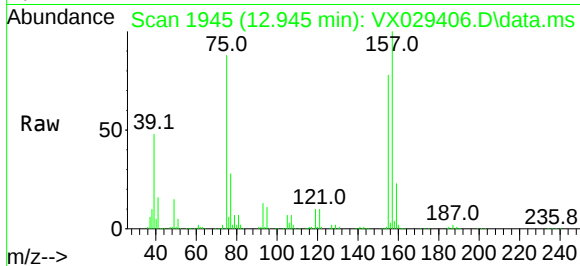




#68
1,2-Dibromo-3-chloropropane
Concen: 243.451 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

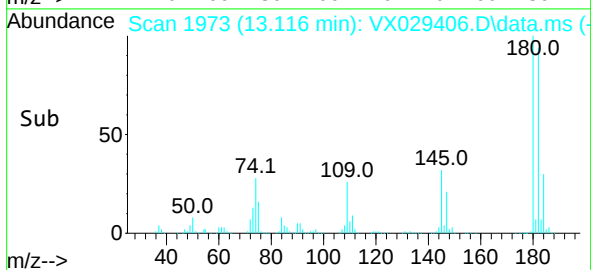
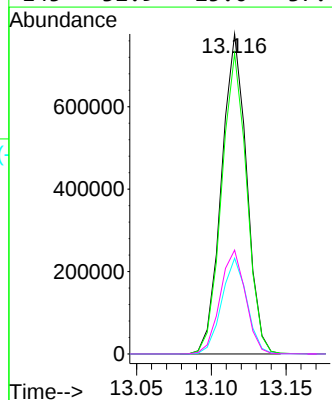
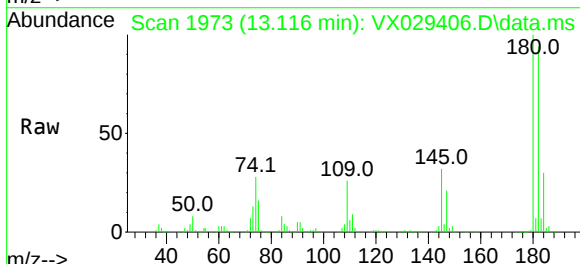
Instrument :
MSVOA_X
ClientSampleId :
VSTD200670

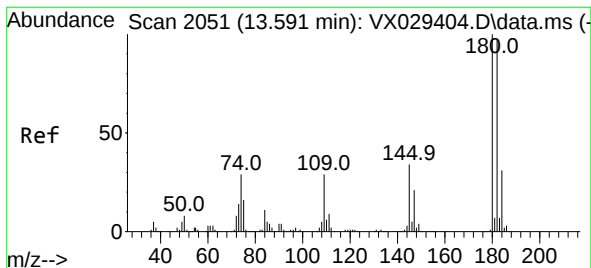
Tgt Ion: 75 Resp: 231224
Ion Ratio Lower Upper
75 100
155 88.2 71.6 107.4
157 113.4 93.8 140.6



#69
1,3,5-Trichlorobenzene
Concen: 209.103 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX029406.D
Acq: 13 Jun 2022 11:49

Tgt Ion:180 Resp: 904175
Ion Ratio Lower Upper
180 100
182 93.8 75.6 113.4
184 29.9 23.6 35.4
145 32.9 25.0 37.4





#70

1,2,4-trichlorobenzene

Concen: 217.197 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX029406.D

Acq: 13 Jun 2022 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTD200670

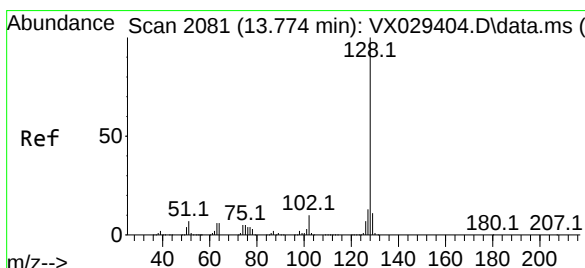
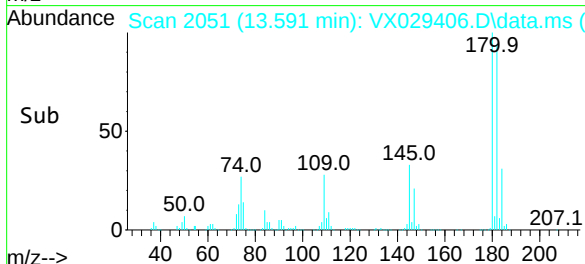
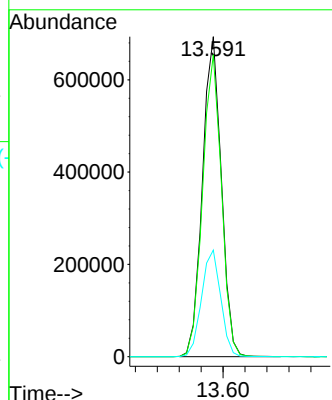
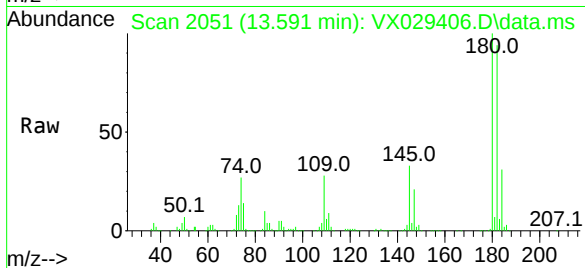
Tgt Ion:180 Resp: 828451

Ion Ratio Lower Upper

180 100

182 94.0 75.4 113.2

145 33.9 25.0 37.4



#71

Naphthalene

Concen: 226.466 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX029406.D

Acq: 13 Jun 2022 11:49

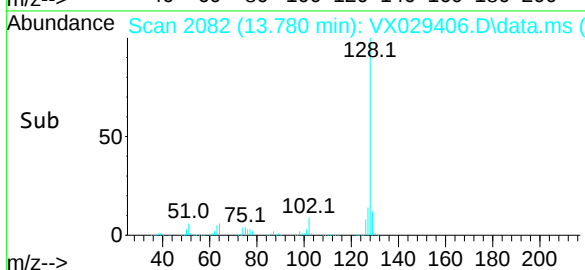
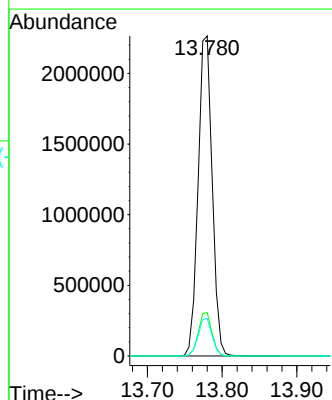
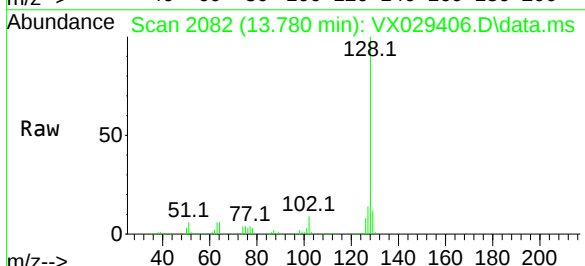
Tgt Ion:128 Resp: 2951679

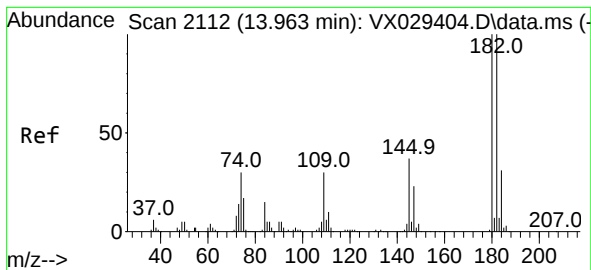
Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

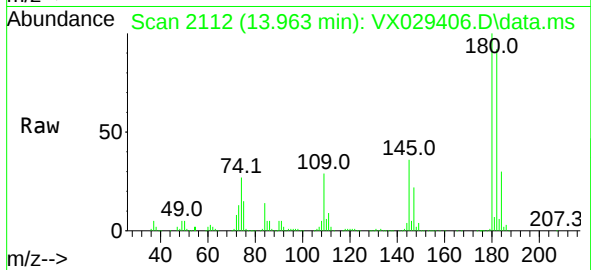
129 11.5 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 216.903 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX029406.D
 Acq: 13 Jun 2022 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200670



Tgt Ion:	180	Resp:	830493
Ion Ratio	Lower	Upper	
180	100		
182	93.7	77.0	115.4
145	35.3	27.4	41.0

