

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011823\
 Data File : VW029893.D
 Acq On : 18 Jan 2023 12:10
 Operator : SY/MD
 Sample : VSTD20006
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200206

Quant Time: Jan 19 00:27:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 19 00:23:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	468251	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	493851	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	286756	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	724342	241.619	ug/L	0.00
7) Chloroethane-d5	1.555	69	589356	253.876	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	1238883	260.980	ug/L	0.00
21) 2-Butanone-d5	3.857	46	830301	459.763	ug/L	0.00
24) Chloroform-d	4.330	84	1255241	224.836	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.014	65	709869	223.768	ug/L	0.00
32) Benzene-d6	5.034	84	2631597	198.275	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.056	67	792368	195.746	ug/L	0.00
41) Toluene-d8	7.304	98	2450681	196.913	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.606	79	396359	197.948	ug/L	0.00
47) 2-Hexanone-d5	8.079	63	751088	431.151	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.204	84	1338547	228.113	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	1070033	196.819	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	690269	193.207	ug/L	100
3) Chloromethane	1.236	50	676739	168.662	ug/L	99
5) Vinyl chloride	1.307	62	827545	231.288	ug/L	99
6) Bromomethane	1.510	94	332414	237.058	ug/L	98
8) Chloroethane	1.571	64	502278	246.502	ug/L	99
9) Trichlorofluoromethane	1.744	101	1058328	234.053	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	673987	262.999	ug/L	99
12) 1,1-Dichloroethene	2.111	96	655253	252.977	ug/L	94
13) Acetone	2.153	43	947006	704.470	ug/L	99
14) Carbon disulfide	2.285	76	1643636	201.767	ug/L	100
15) Methyl Acetate	2.416	43	595510	224.510	ug/L	100
16) Methylene chloride	2.494	84	723022	227.121	ug/L	99
17) trans-1,2-Dichloroethene	2.748	96	672572	230.555	ug/L	98
18) Methyl tert-butyl Ether	2.757	73	2148223	238.567	ug/L	100
19) 1,1-Dichloroethane	3.175	63	1171177	230.726	ug/L	99
20) cis-1,2-Dichloroethene	3.892	96	762532	235.809	ug/L	97
22) 2-Butanone	3.941	43	944077	491.315	ug/L	95
23) Bromochloromethane	4.227	128	384969	230.192	ug/L	99
25) Chloroform	4.355	83	1219746	231.911	ug/L	99
27) 1,2-Dichloroethane	5.114	62	852495	229.654	ug/L	98
29) Cyclohexane	4.661	56	1026014	194.472	ug/L	98
30) 1,1,1-Trichloroethane	4.593	97	1060792	196.313	ug/L	100
31) Carbon tetrachloride	4.812	117	909720	194.237	ug/L	99
33) Benzene	5.085	78	2790786	198.837	ug/L	100
34) Trichloroethene	5.899	95	699352	200.320	ug/L	98
35) Methylcyclohexane	6.117	83	1204228	203.896	ug/L	98
37) 1,2-Dichloropropane	6.159	63	711349	207.973	ug/L	100
38) Bromodichloromethane	6.497	83	930328	199.198	ug/L	99
39) cis-1,3-Dichloropropene	7.011	75	1130357	207.409	ug/L	98
40) 4-Methyl-2-pentanone	7.217	43	1639292	404.810	ug/L	98
42) Toluene	7.374	91	3031168	201.096	ug/L	98
44) trans-1,3-Dichloropropene	7.635	75	1073999	207.835	ug/L	100

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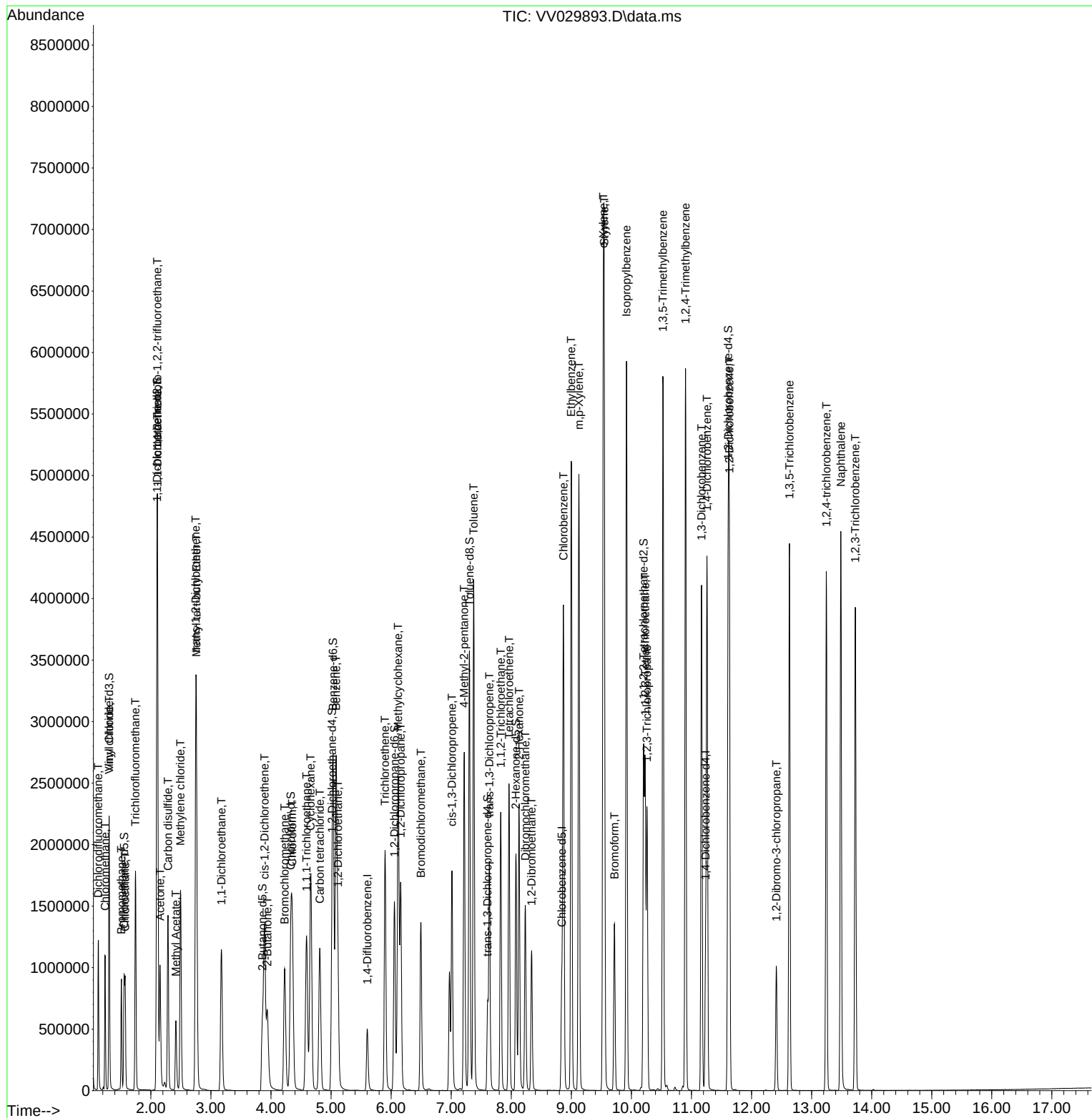
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.825	97	720089	204.315	ug/L	100
46) Tetrachloroethene	7.963	164	580028	206.042	ug/L	99
48) 2-Hexanone	8.130	43	1318044	418.107	ug/L	100
49) Dibromochloromethane	8.233	129	785246	204.463	ug/L	99
50) 1,2-Dibromoethane	8.339	107	737846	204.142	ug/L	98
51) Chlorobenzene	8.870	112	2162260	224.873	ug/L	99
52) Ethylbenzene	8.998	91	3627532	229.046	ug/L	99
53) m,p-Xylene	9.127	106	1453751	231.664	ug/L	100
54) o-Xylene	9.532	106	1418810	229.150	ug/L	100
55) Styrene	9.548	104	2498430	229.418	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.230	83	1314478	231.761	ug/L	99
59) Bromoform	9.718	173	614406	201.726	ug/L	99
60) Isopropylbenzene	9.918	105	3849185	233.063	ug/L	100
61) 1,2,3-Trichloropropane	10.259	75	950578	216.535	ug/L	99
62) 1,3,5-Trimethylbenzene	10.525	105	3111185	213.100	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	3110536	215.015	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	1733937	211.676	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	1761690	211.344	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	1706809	204.134	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	251604	188.054	ug/L	97
69) 1,3,5-Trichlorobenzene	12.631	180	1385706	214.119	ug/L	100
70) 1,2,4-trichlorobenzene	13.246	180	1292218	224.954	ug/L	100
71) Naphthalene	13.487	128	3593214	263.994	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	1208678	214.667	ug/L	100

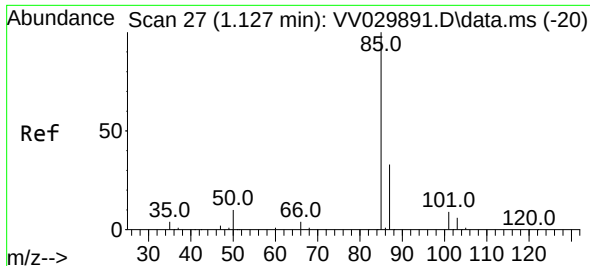
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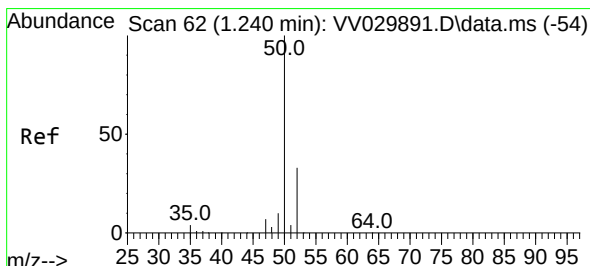
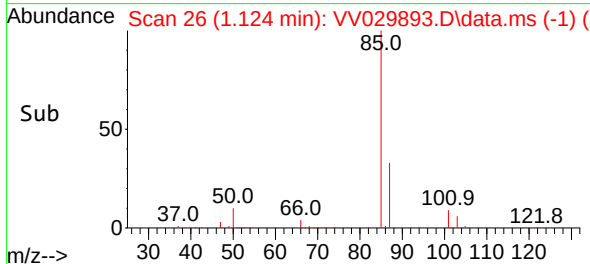
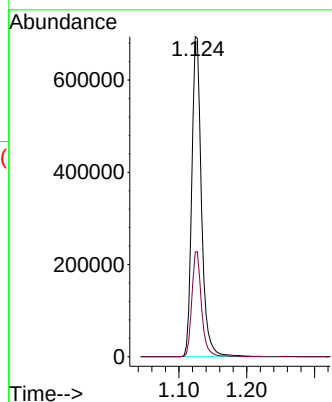
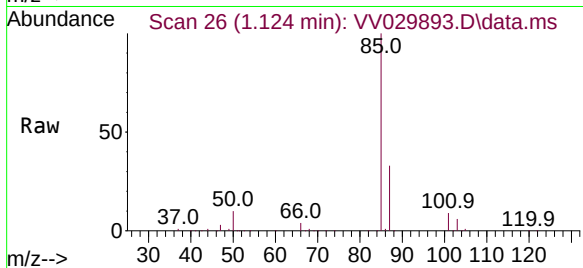




#2
 Dichlorodifluoromethane
 Concen: 193.207 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV029893.D
 Acq: 18 Jan 2023 12:10

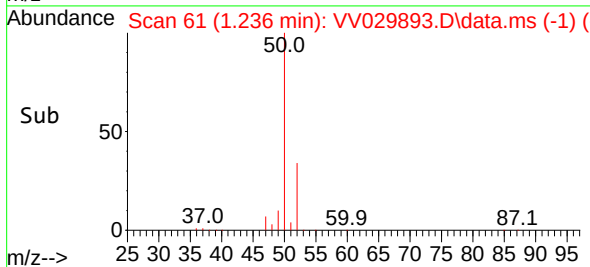
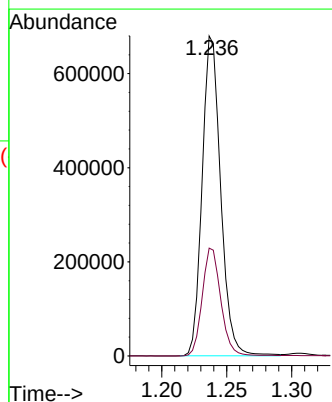
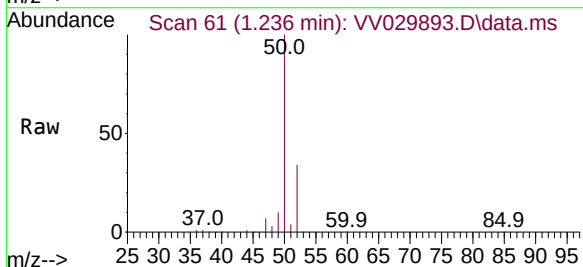
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200206

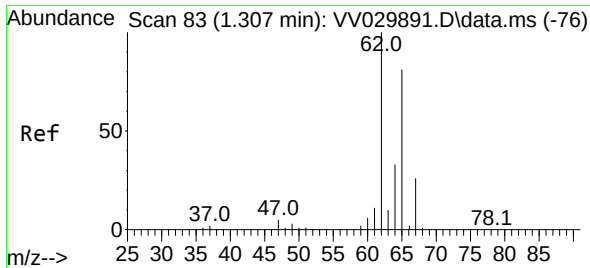
Tgt Ion: 85 Resp: 690269
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.2 39.4



#3
 Chloromethane
 Concen: 168.662 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV029893.D
 Acq: 18 Jan 2023 12:10

Tgt Ion: 50 Resp: 676739
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.4 43.4

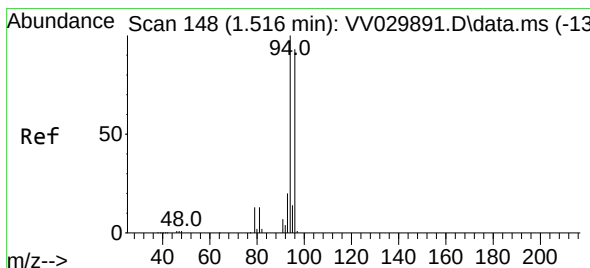
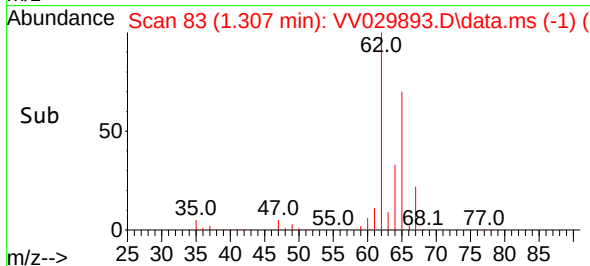
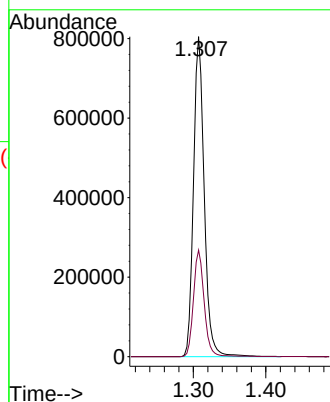
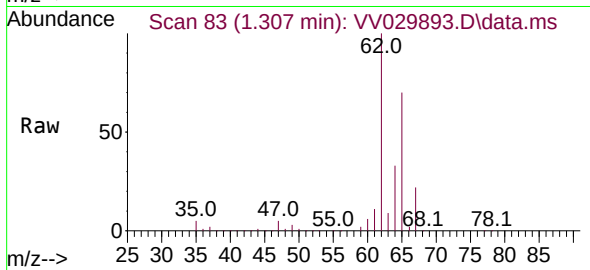




#5
 Vinyl chloride
 Concen: 231.288 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV029893.D
 Acq: 18 Jan 2023 12:10

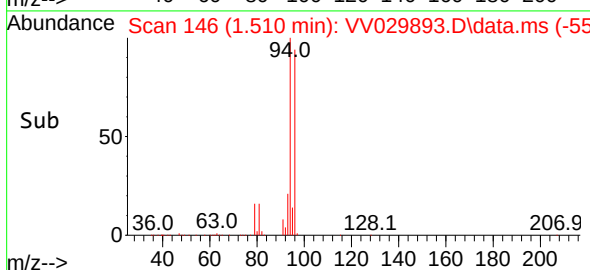
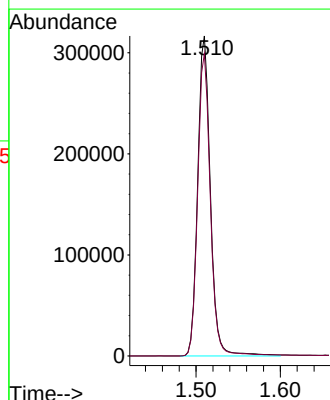
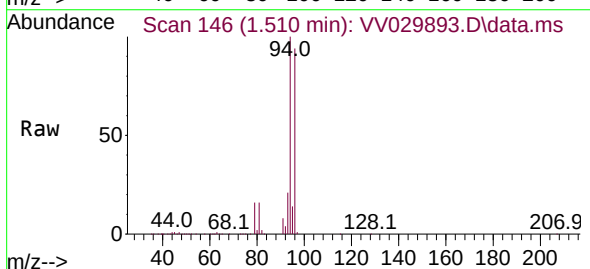
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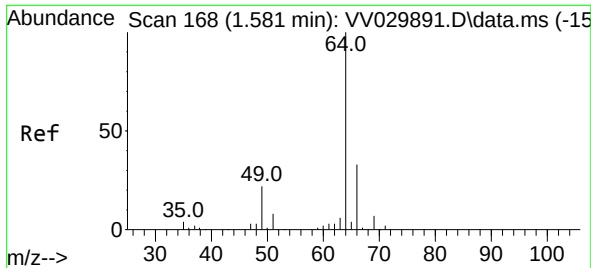
Tgt Ion: 62 Resp: 827545
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.0 42.8



#6
 Bromomethane
 Concen: 237.058 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. -0.007 min
 Lab File: VV029893.D
 Acq: 18 Jan 2023 12:10

Tgt Ion: 94 Resp: 332414
 Ion Ratio Lower Upper
 94 100
 96 94.5 64.8 120.4

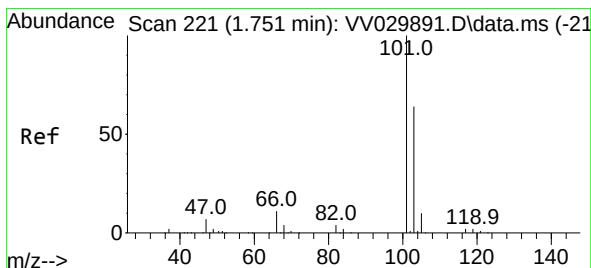
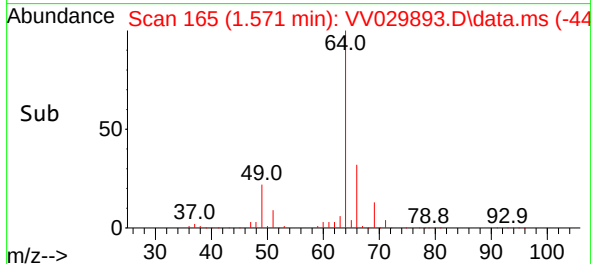
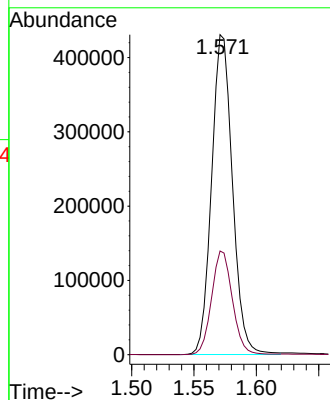
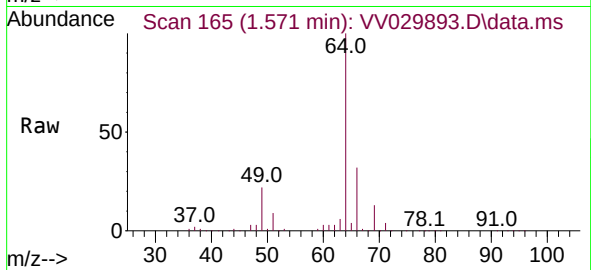




#8
Chloroethane
Concen: 246.502 ug/L
RT: 1.571 min Scan# 1
Delta R.T. -0.010 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

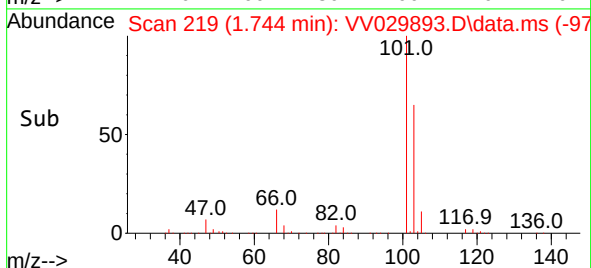
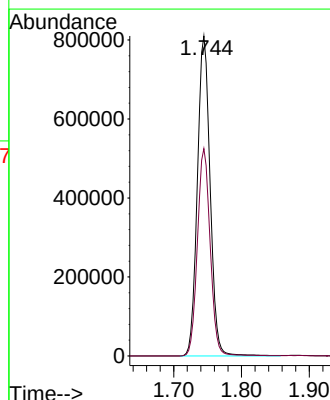
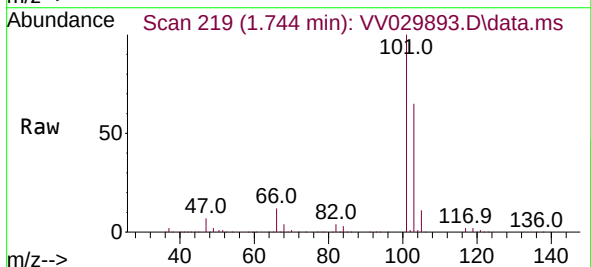
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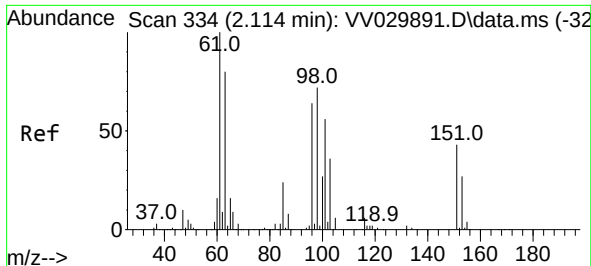
Tgt Ion: 64 Resp: 502278
Ion Ratio Lower Upper
64 100
66 32.4 23.1 42.9



#9
Trichlorofluoromethane
Concen: 234.053 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.007 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

Tgt Ion:101 Resp: 1058328
Ion Ratio Lower Upper
101 100
103 64.9 51.3 76.9

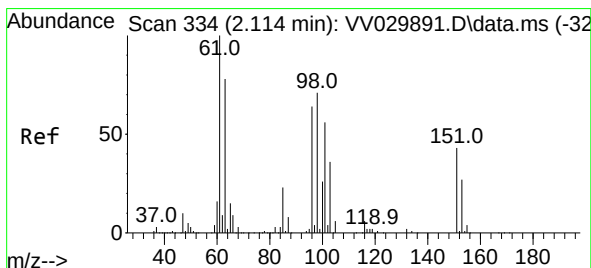
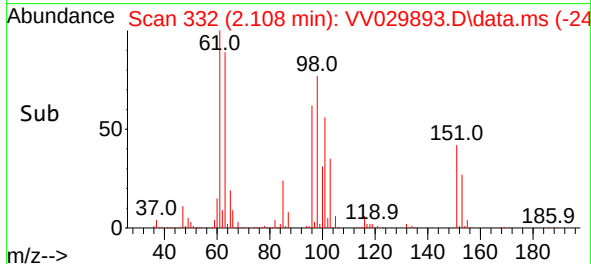
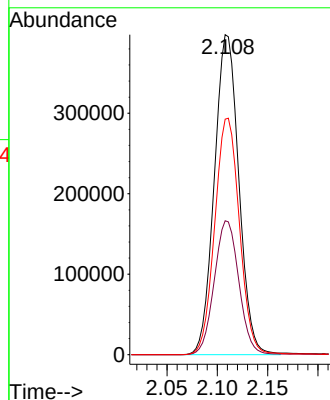
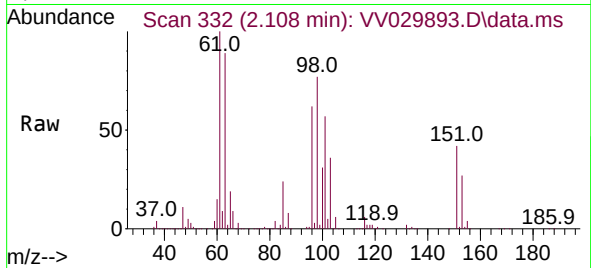




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 262.999 ug/L
 RT: 2.108 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: VV029893.D
 Acq: 18 Jan 2023 12:10

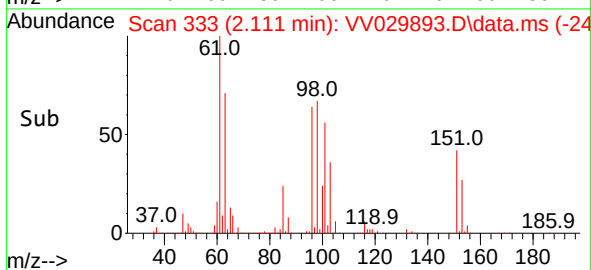
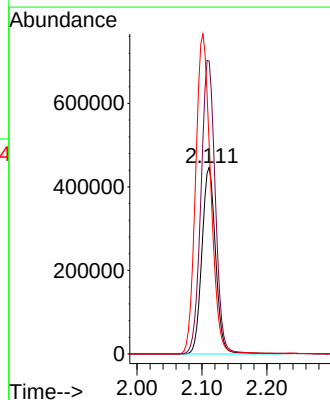
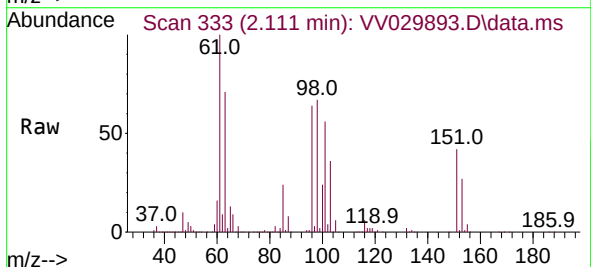
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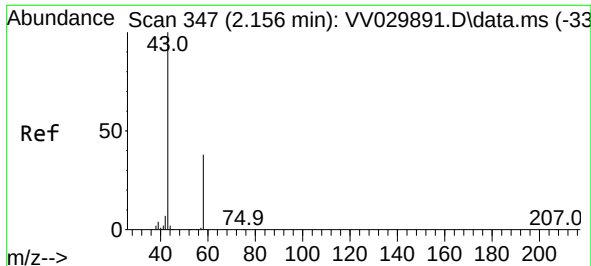
Tgt Ion:101 Resp: 673987
 Ion Ratio Lower Upper
 101 100
 85 42.0 33.7 50.5
 151 74.6 61.0 91.4



#12
 1,1-Dichloroethene
 Concen: 252.977 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV029893.D
 Acq: 18 Jan 2023 12:10

Tgt Ion: 96 Resp: 655253
 Ion Ratio Lower Upper
 96 100
 61 157.1 110.2 204.6
 63 112.2 88.6 164.6





#13

Acetone

Concen: 704.470 ug/L

RT: 2.153 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV029893.D

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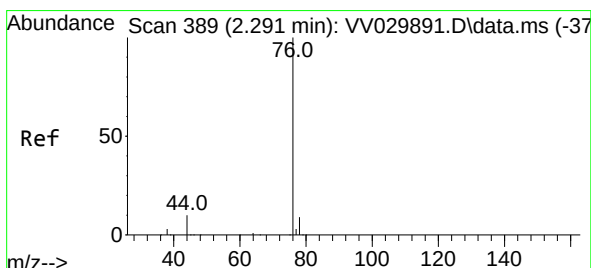
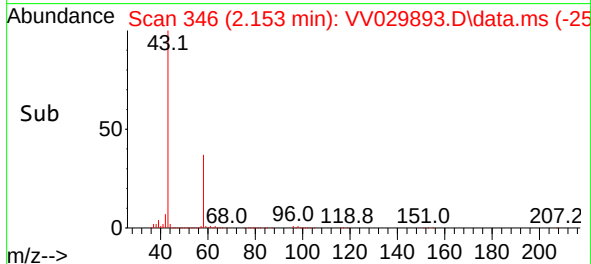
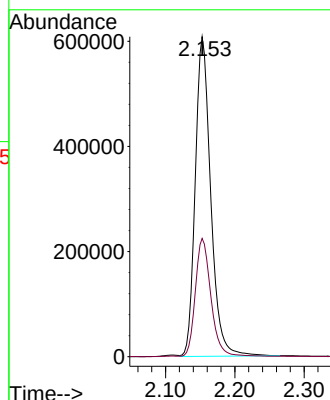
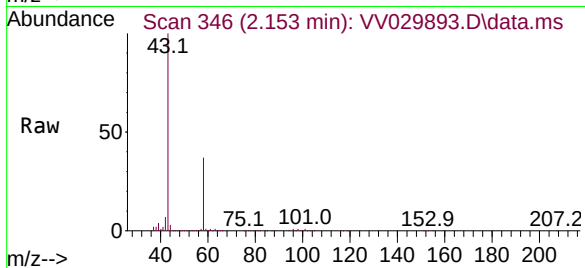
VSTD200206

Tgt Ion: 43 Resp: 947006

Ion Ratio Lower Upper

43 100

58 37.5 0.0 76.0



#14

Carbon disulfide

Concen: 201.767 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.007 min

Lab File: VV029893.D

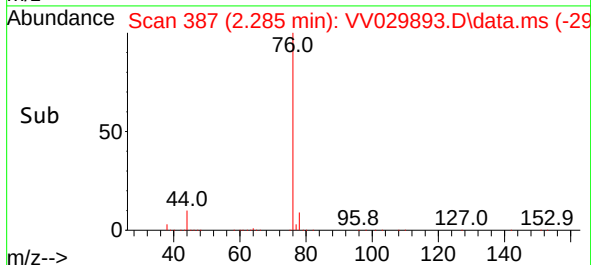
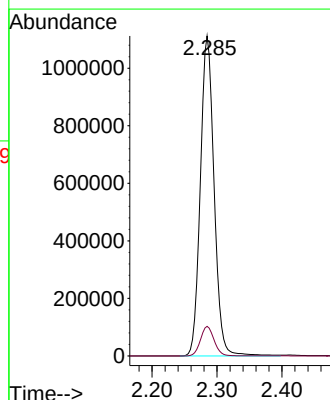
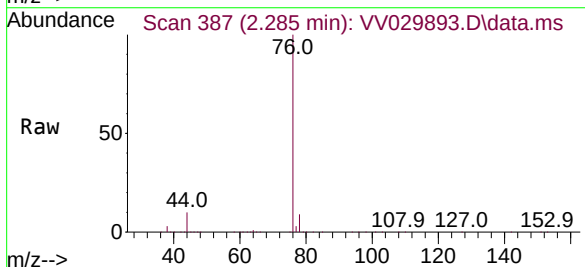
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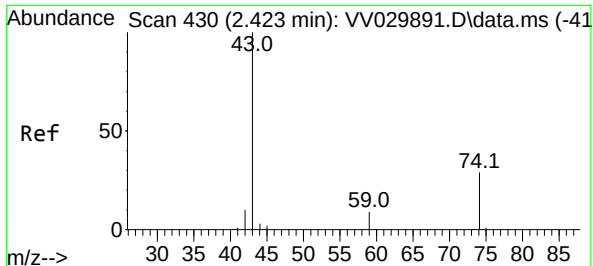
Tgt Ion: 76 Resp: 1643636

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

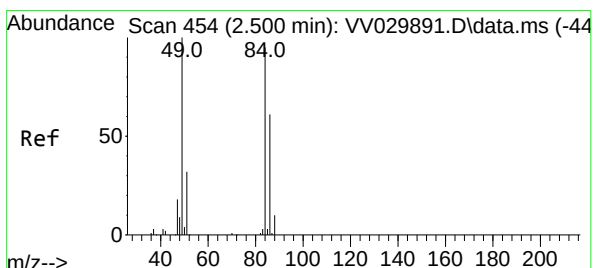
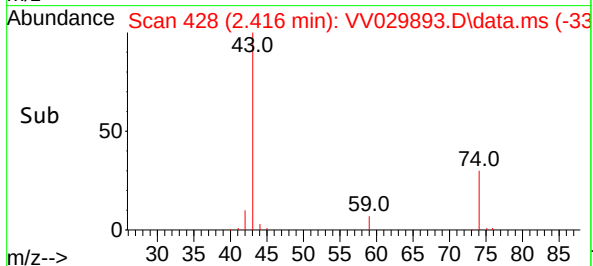
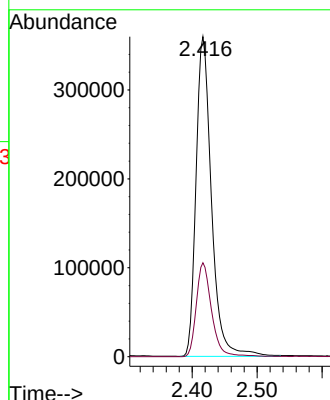
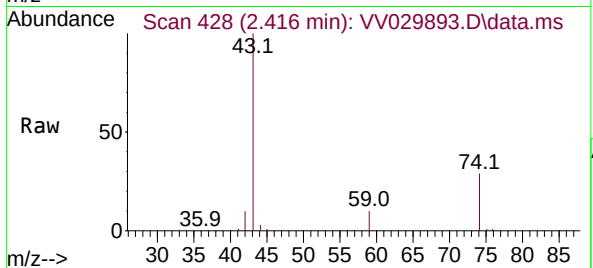




#15
Methyl Acetate
Concen: 224.510 ug/L
RT: 2.416 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

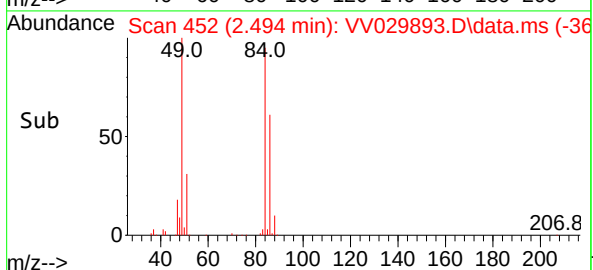
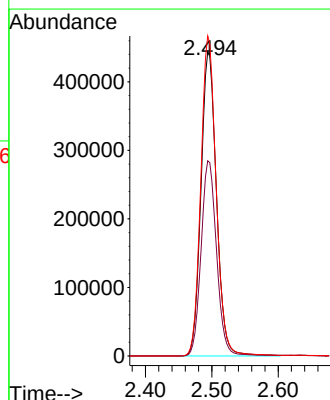
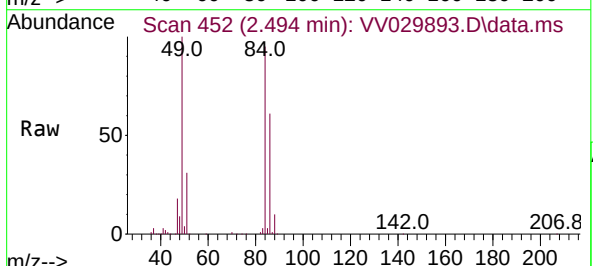
Instrument :
MSVOA_V
ClientSampleId :
VSTD200206

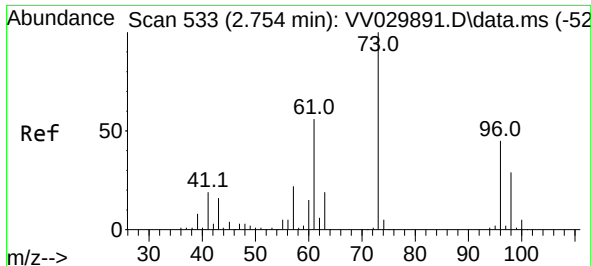
Tgt Ion: 43 Resp: 595510
Ion Ratio Lower Upper
43 100
74 29.0 23.3 34.9



#16
Methylene chloride
Concen: 227.121 ug/L
RT: 2.494 min Scan# 452
Delta R.T. -0.007 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

Tgt Ion: 84 Resp: 723022
Ion Ratio Lower Upper
84 100
86 64.2 45.3 84.1
49 105.3 74.1 137.5

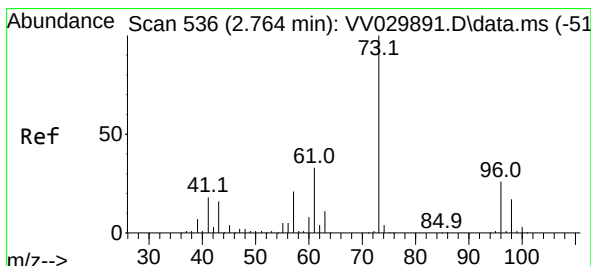
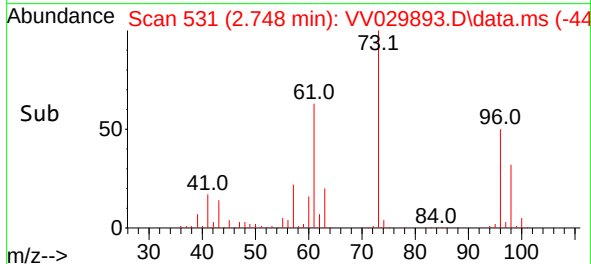
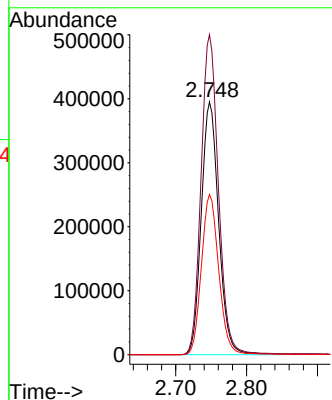
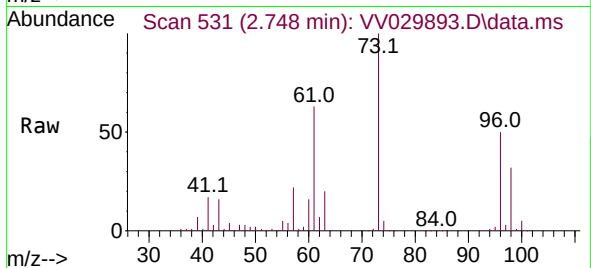




#17
trans-1,2-Dichloroethene
Concen: 230.555 ug/L
RT: 2.748 min Scan# 51
Delta R.T. -0.007 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

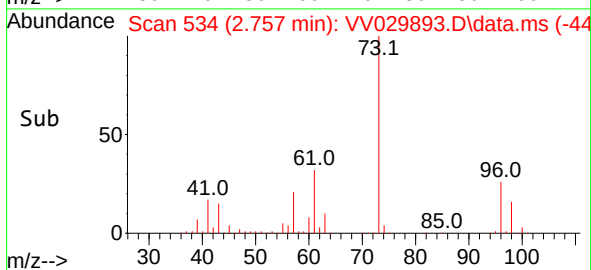
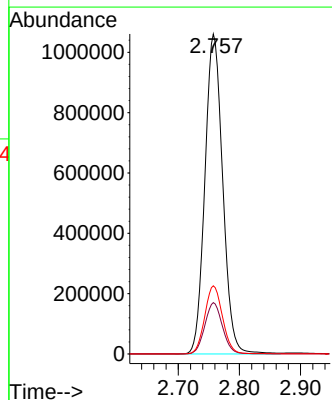
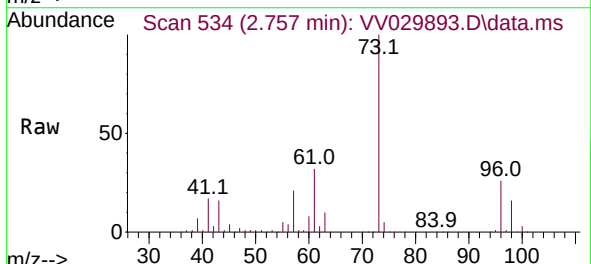
Instrument :
MSVOA_V
ClientSampleId :
VSTD200206

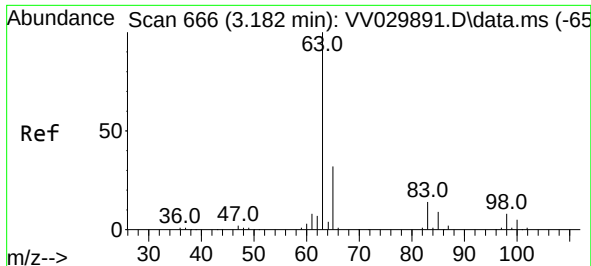
Tgt Ion: 96 Resp: 672572
Ion Ratio Lower Upper
96 100
61 126.6 86.9 161.5
98 63.3 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 238.567 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.007 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

Tgt Ion: 73 Resp: 2148223
Ion Ratio Lower Upper
73 100
43 15.8 12.8 19.2
57 21.2 17.1 25.7





#19

1,1-Dichloroethane

Concen: 230.726 ug/L

RT: 3.175 min Scan# 6

Delta R.T. -0.007 min

Lab File: VV029893.D

Acq: 18 Jan 2023 12:10

Instrument :

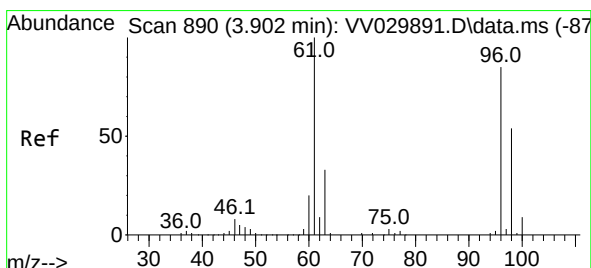
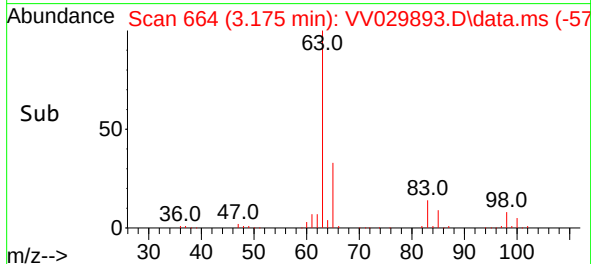
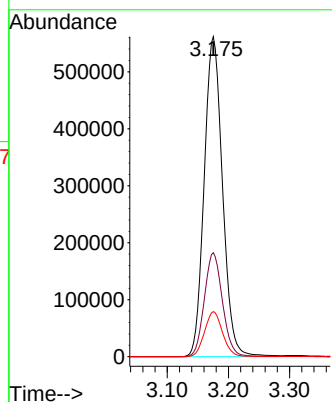
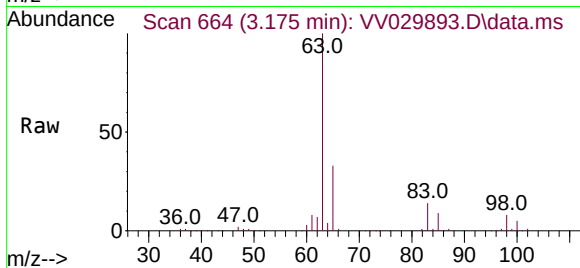
MSVOA_V

ClientSampleId :

VSTD200206

Tgt Ion: 63 Resp: 1171177

Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.3	41.3
83	14.1	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 235.809 ug/L

RT: 3.892 min Scan# 887

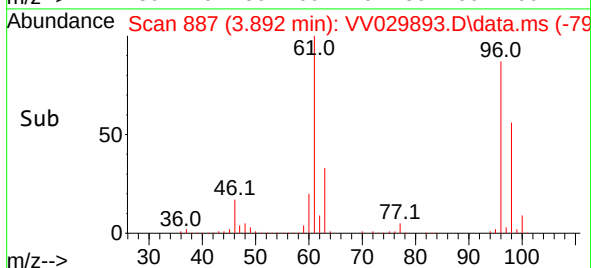
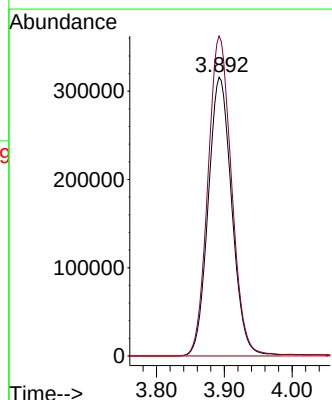
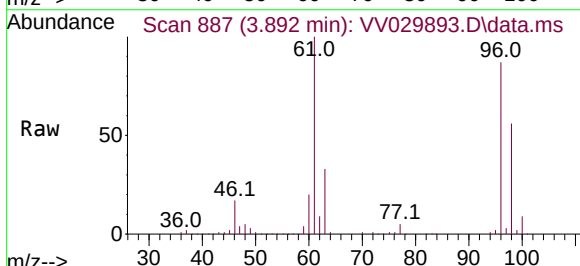
Delta R.T. -0.010 min

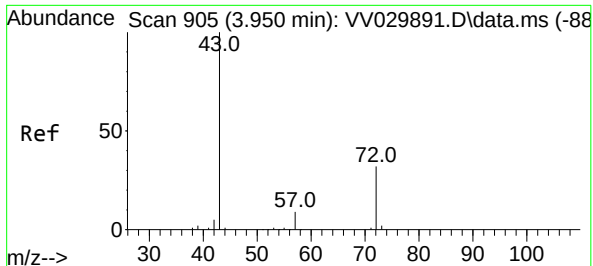
Lab File: VV029893.D

Acq: 18 Jan 2023 12:10

Tgt Ion: 96 Resp: 762532

Ion	Ratio	Lower	Upper
96	100		
61	114.8	82.5	153.3
68	0.0	0.0	0.0

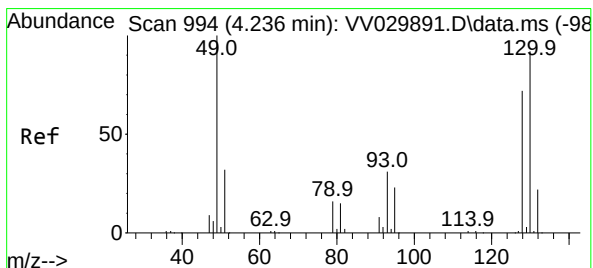
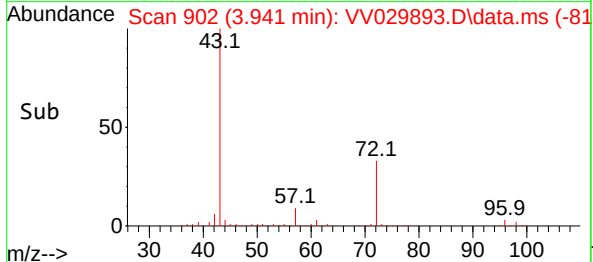
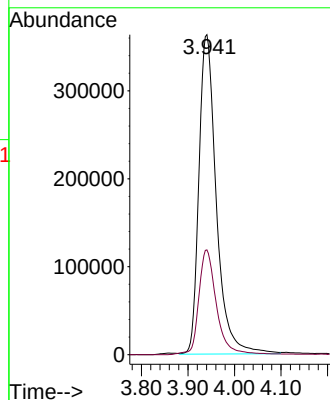
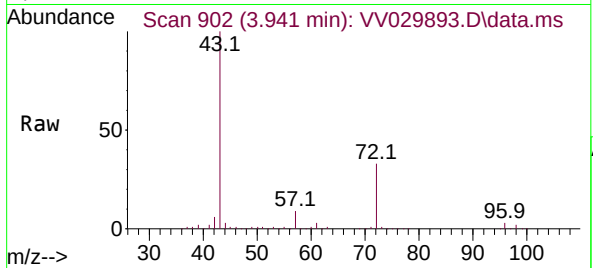




#22
2-Butanone
Concen: 491.315 ug/L
RT: 3.941 min Scan# 905
Delta R.T. -0.010 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

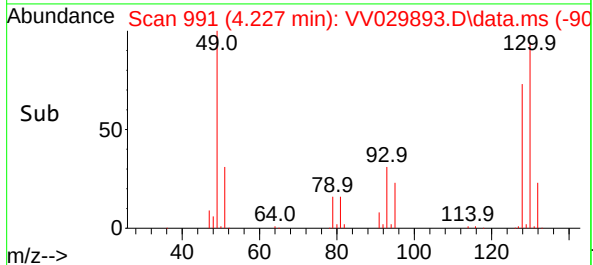
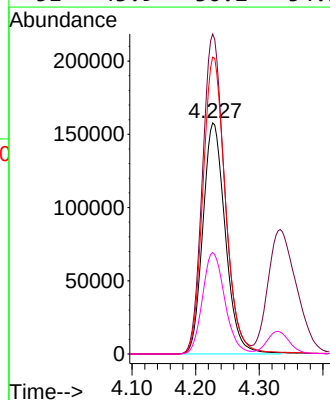
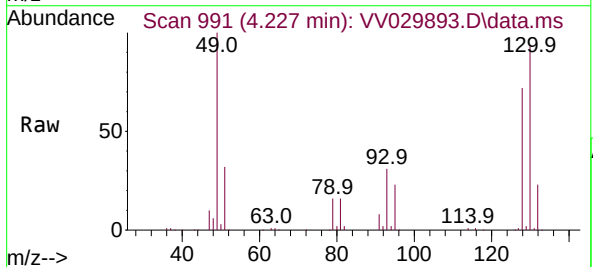
Instrument :
MSVOA_V
ClientSampleId :
VSTD200206

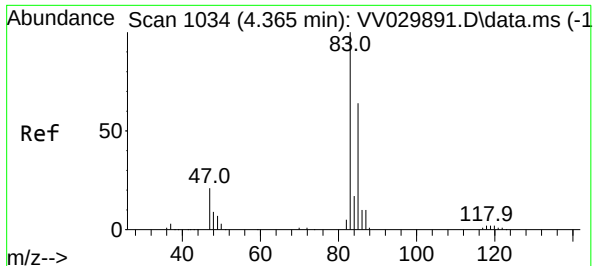
Tgt Ion: 43 Resp: 944077
Ion Ratio Lower Upper
43 100
72 33.5 15.4 46.4



#23
Bromochloromethane
Concen: 230.192 ug/L
RT: 4.227 min Scan# 991
Delta R.T. -0.010 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

Tgt Ion:128 Resp: 384969
Ion Ratio Lower Upper
128 100
49 138.5 97.3 180.7
130 128.5 89.7 166.5
51 43.9 36.2 54.2





#25

Chloroform

Concen: 231.911 ug/L

RT: 4.355 min Scan# 1034

Delta R.T. -0.010 min

Lab File: VV029893.D

Acq: 18 Jan 2023 12:10

Instrument :

MSVOA_V

ClientSampleId :

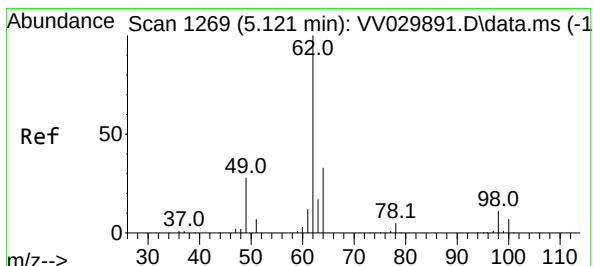
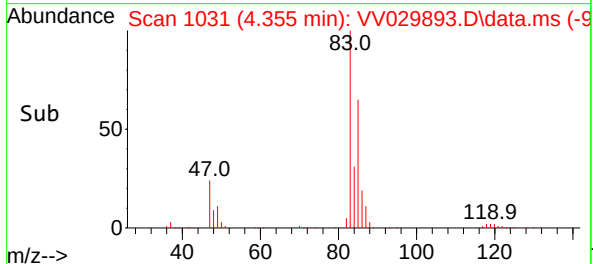
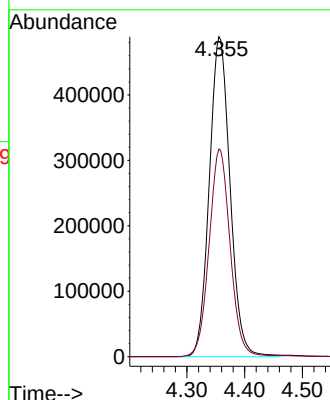
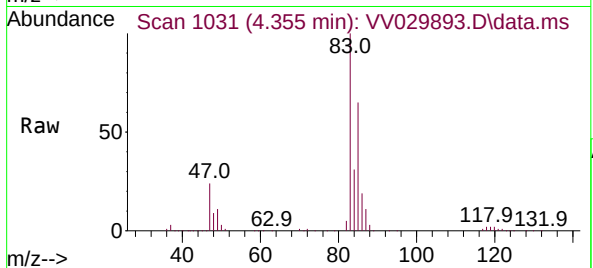
VSTD200206

Tgt Ion: 83 Resp: 1219746

Ion Ratio Lower Upper

83 100

85 64.9 44.8 83.2



#27

1,2-Dichloroethane

Concen: 229.654 ug/L

RT: 5.114 min Scan# 1267

Delta R.T. -0.007 min

Lab File: VV029893.D

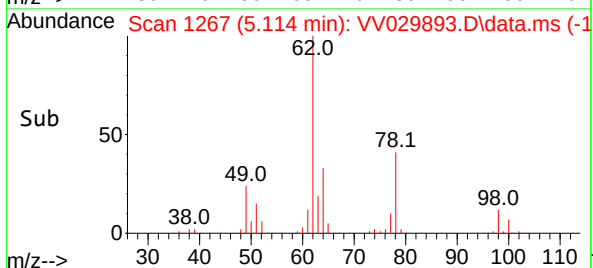
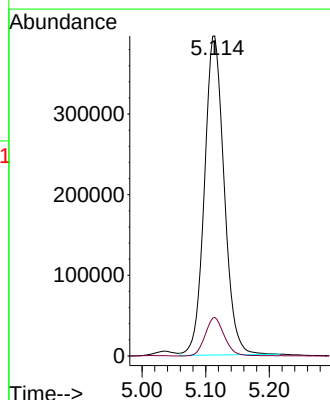
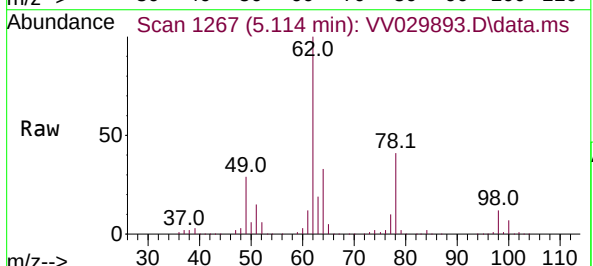
Acq: 18 Jan 2023 12:10

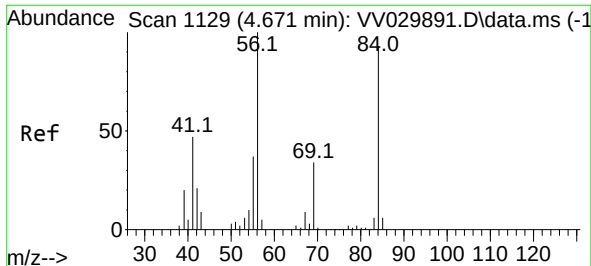
Tgt Ion: 62 Resp: 852495

Ion Ratio Lower Upper

62 100

98 12.1 9.0 13.4

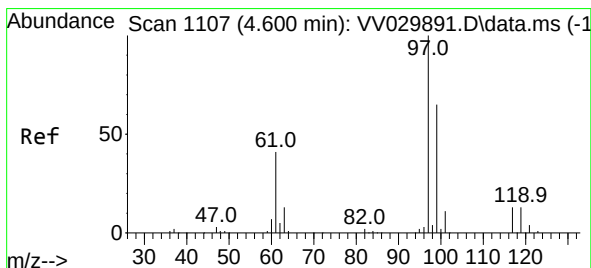
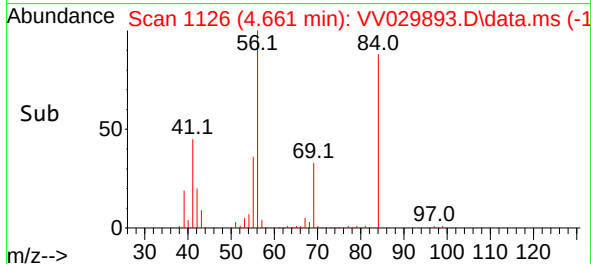
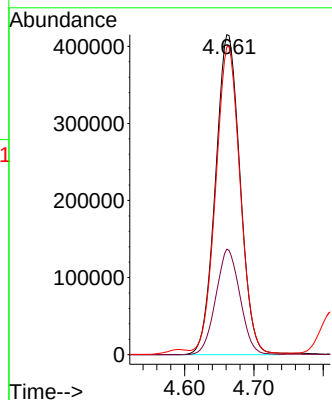
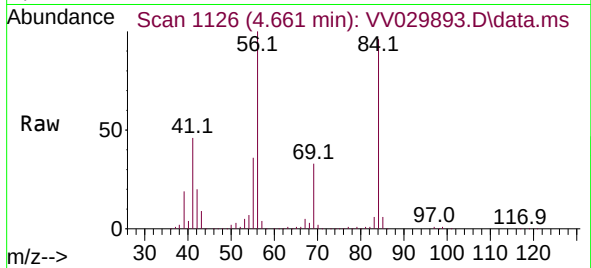




#29
Cyclohexane
Concen: 194.472 ug/L
RT: 4.661 min Scan# 1126
Delta R.T. -0.010 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

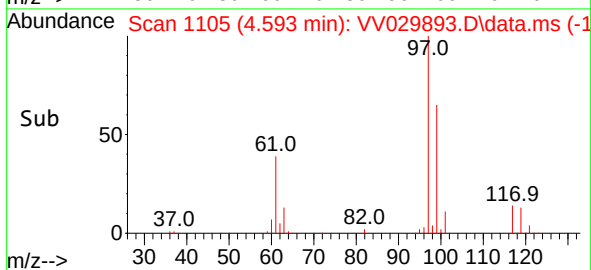
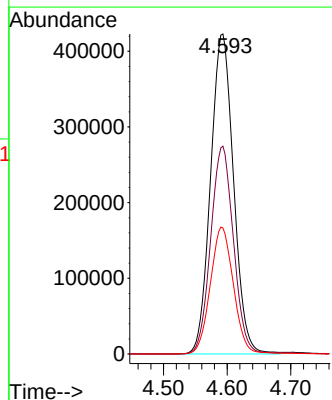
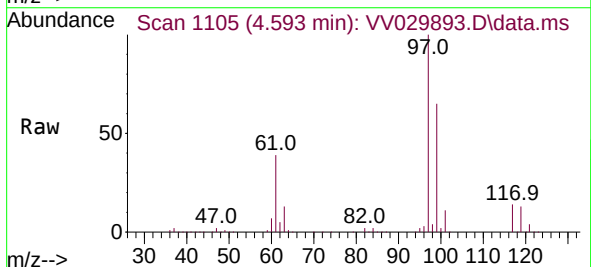
Instrument :
MSVOA_V
ClientSampleId :
VSTD200206

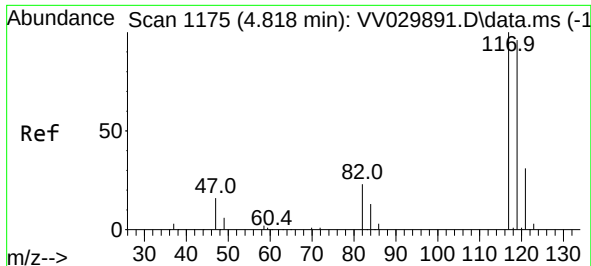
Tgt Ion: 56 Resp: 1026014
Ion Ratio Lower Upper
56 100
69 32.4 26.2 39.4
84 95.2 74.7 112.1



#30
1,1,1-Trichloroethane
Concen: 196.313 ug/L
RT: 4.593 min Scan# 1105
Delta R.T. -0.007 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

Tgt Ion: 97 Resp: 1060792
Ion Ratio Lower Upper
97 100
99 64.5 51.9 77.9
61 40.0 32.2 48.2

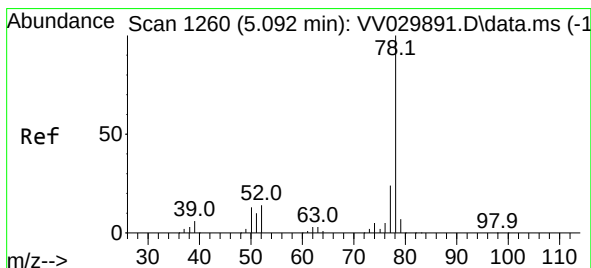
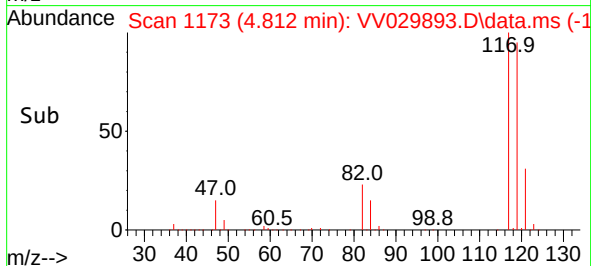
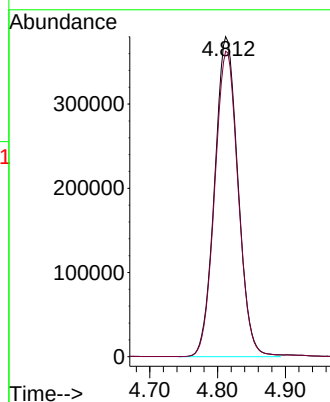
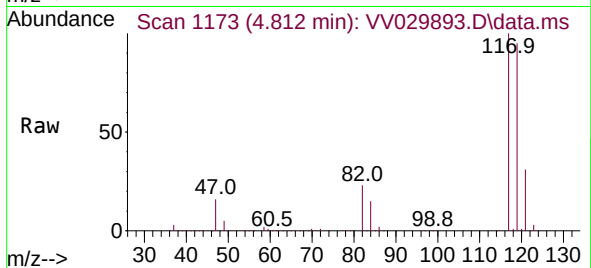




#31
Carbon tetrachloride
Concen: 194.237 ug/L
RT: 4.812 min Scan# 1175
Delta R.T. -0.007 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

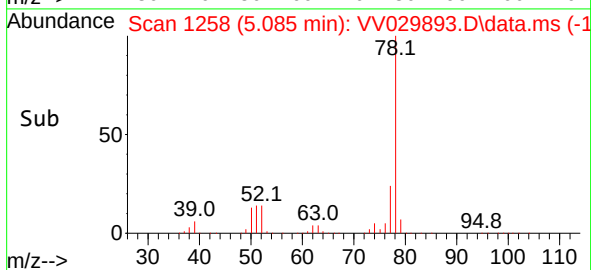
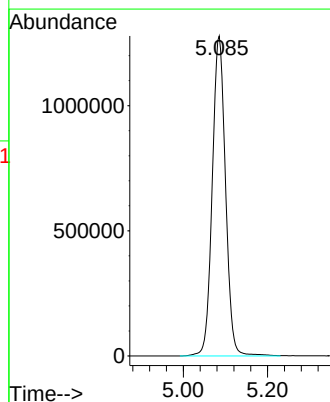
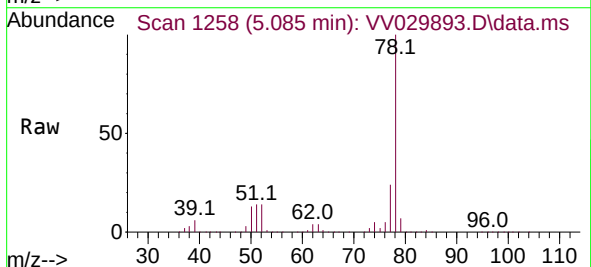
Instrument :
MSVOA_V
ClientSampleId :
VSTD200206

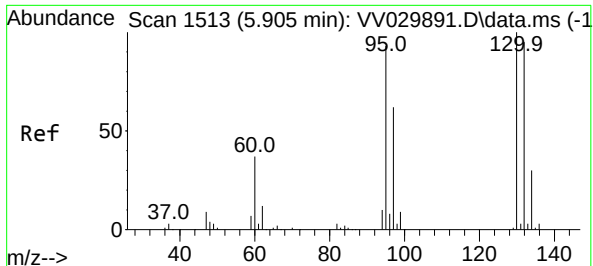
Tgt Ion:117 Resp: 909720
Ion Ratio Lower Upper
117 100
119 96.1 77.9 116.9



#33
Benzene
Concen: 198.837 ug/L
RT: 5.085 min Scan# 1258
Delta R.T. -0.007 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

Tgt Ion: 78 Resp: 2790786





#34

Trichloroethene

Concen: 200.320 ug/L

RT: 5.899 min Scan# 1

Delta R.T. -0.007 min

Lab File: VV029893.D

Acq: 18 Jan 2023 12:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD200206

Tgt Ion: 95 Resp: 699352

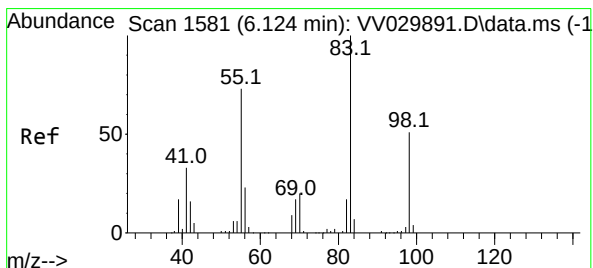
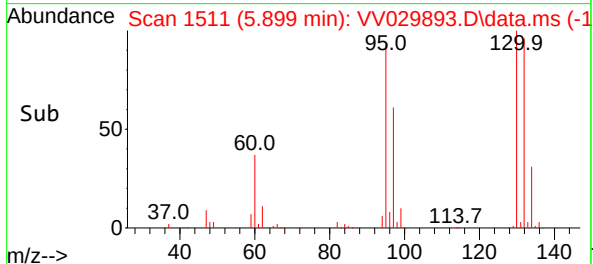
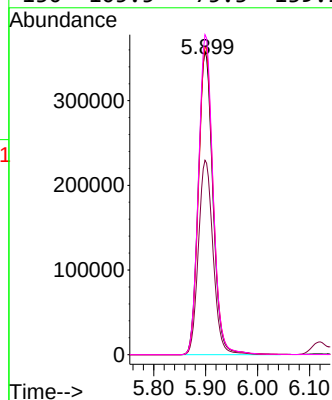
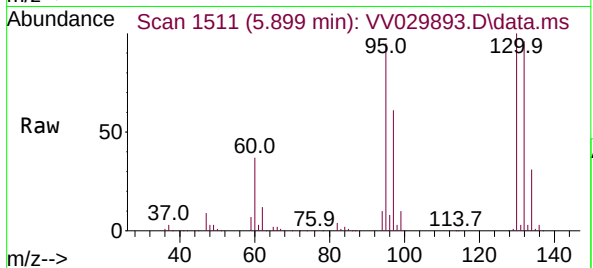
Ion Ratio Lower Upper

95 100

97 64.1 46.5 86.5

132 101.5 71.8 133.4

130 105.5 75.3 139.9



#35

Methylcyclohexane

Concen: 203.896 ug/L

RT: 6.117 min Scan# 1579

Delta R.T. -0.007 min

Lab File: VV029893.D

Acq: 18 Jan 2023 12:10

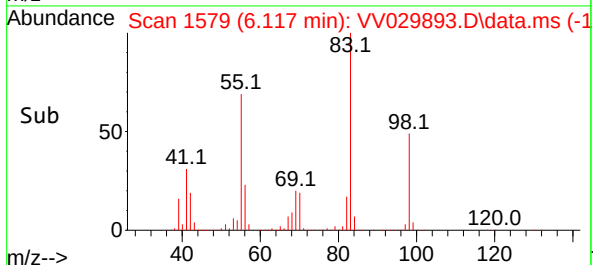
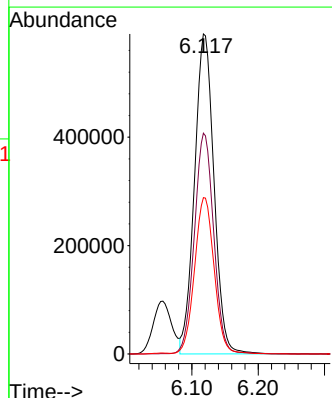
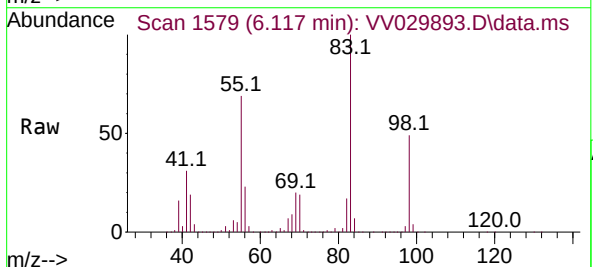
Tgt Ion: 83 Resp: 1204228

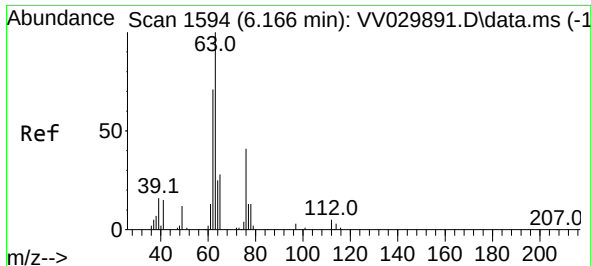
Ion Ratio Lower Upper

83 100

55 68.7 56.2 84.2

98 49.3 38.5 57.7





#37

1,2-Dichloropropane

Concen: 207.973 ug/L

RT: 6.159 min Scan# 1

Delta R.T. -0.007 min

Lab File: VV029893.D

Acq: 18 Jan 2023 12:10

Instrument :

MSVOA_V

ClientSampleId :

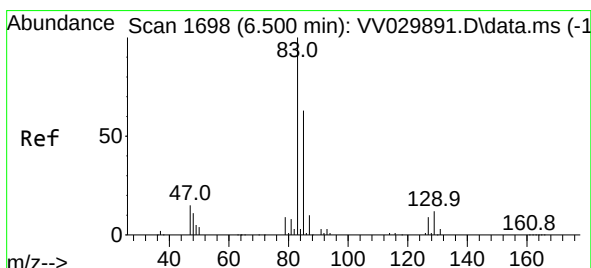
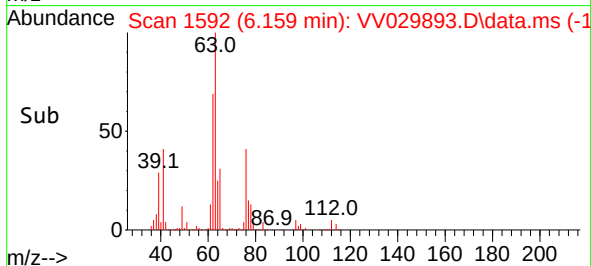
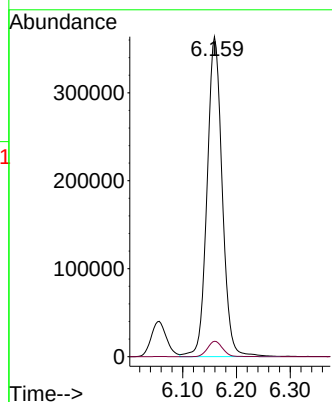
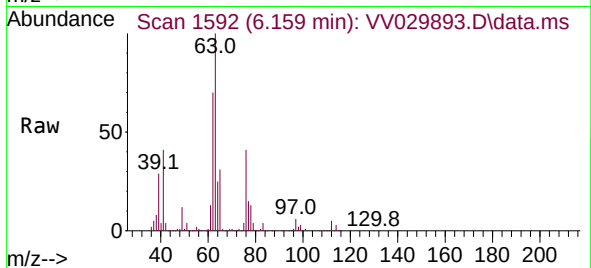
VSTD200206

Tgt Ion: 63 Resp: 711349

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.6



#38

Bromodichloromethane

Concen: 199.198 ug/L

RT: 6.497 min Scan# 1697

Delta R.T. -0.003 min

Lab File: VV029893.D

Acq: 18 Jan 2023 12:10

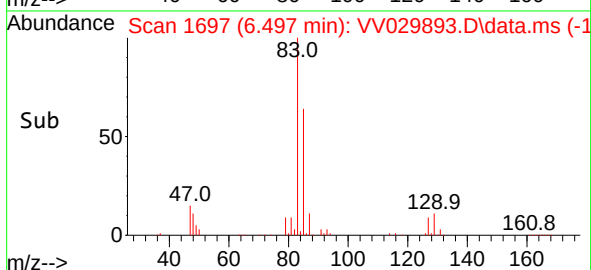
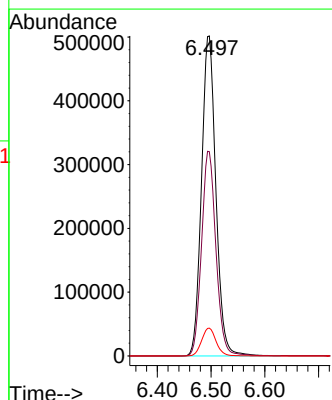
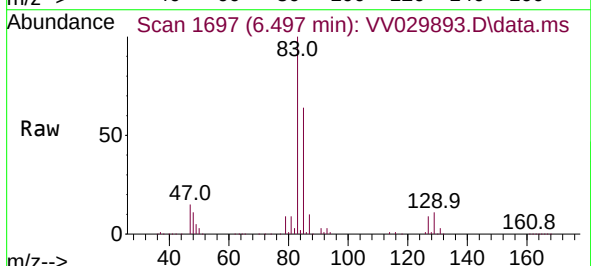
Tgt Ion: 83 Resp: 930328

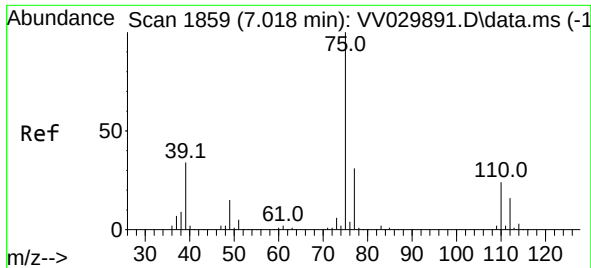
Ion Ratio Lower Upper

83 100

85 63.9 44.2 82.0

127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 207.409 ug/L

RT: 7.011 min Scan# 11

Delta R.T. -0.007 min

Lab File: VV029893.D

Acq: 18 Jan 2023 12:10

Instrument :

MSVOA_V

ClientSampleId :

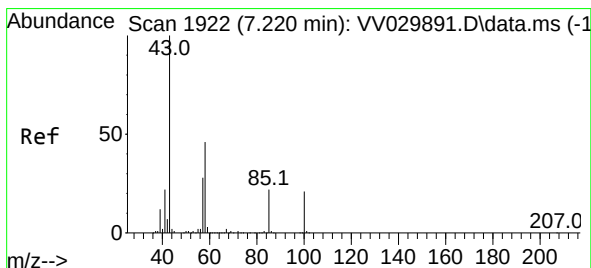
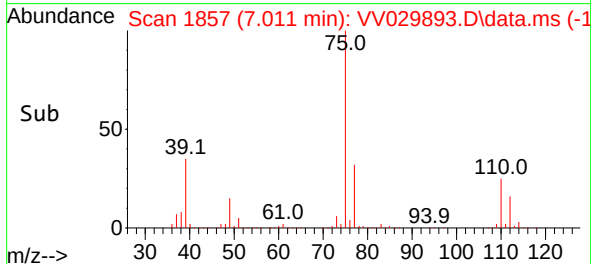
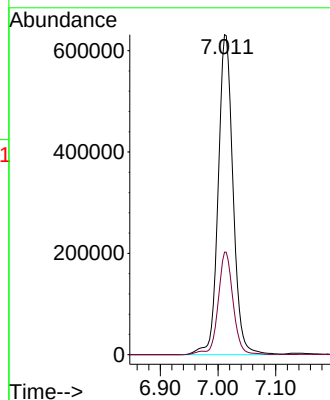
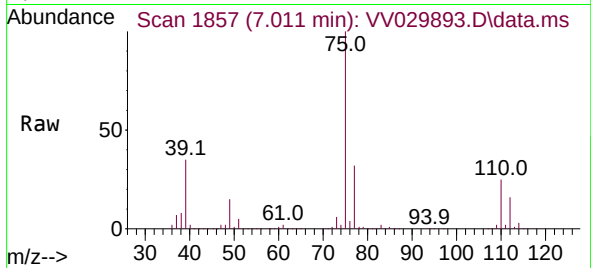
VSTD200206

Tgt Ion: 75 Resp: 1130357

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 404.810 ug/L

RT: 7.217 min Scan# 1921

Delta R.T. -0.003 min

Lab File: VV029893.D

Acq: 18 Jan 2023 12:10

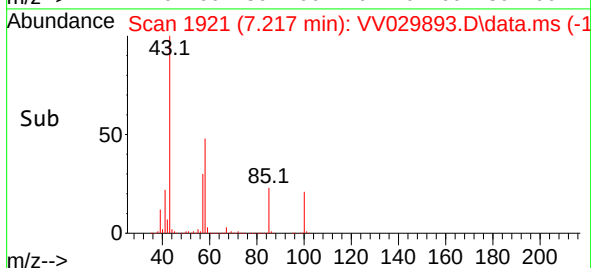
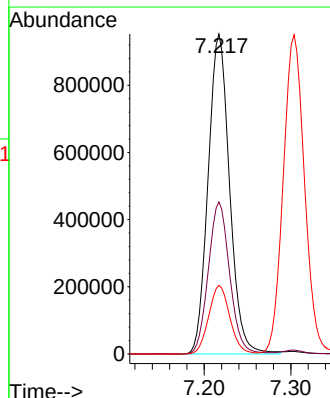
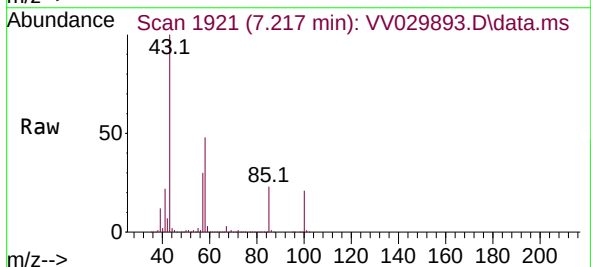
Tgt Ion: 43 Resp: 1639292

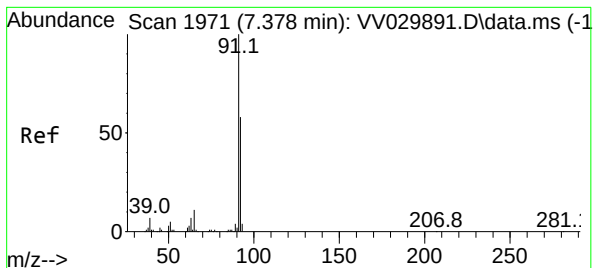
Ion Ratio Lower Upper

43 100

58 47.3 37.0 55.6

100 21.1 16.2 24.2





#42

Toluene

Concen: 201.096 ug/L

RT: 7.374 min Scan# 1971

Delta R.T. -0.003 min

Lab File: VV029893.D

Acq: 18 Jan 2023 12:10

Instrument :

MSVOA_V

ClientSampleId :

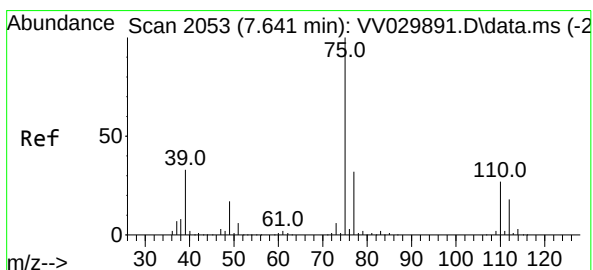
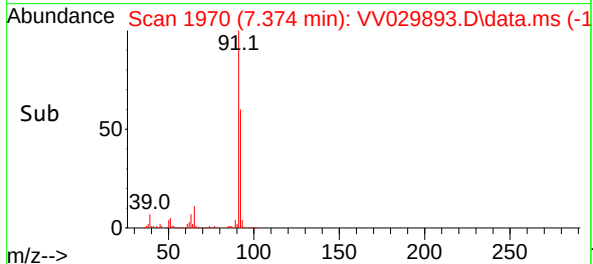
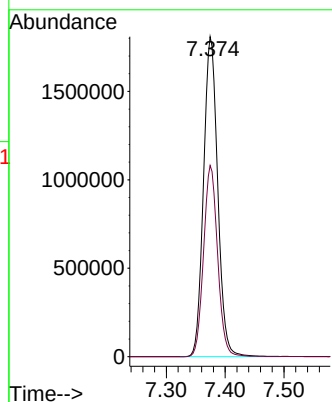
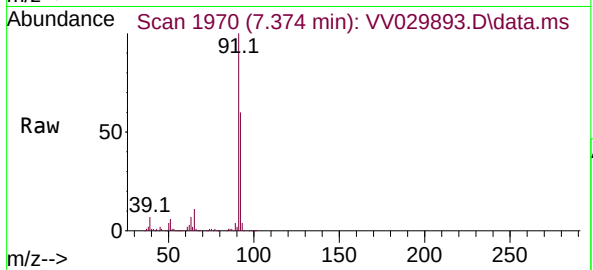
VSTD200206

Tgt Ion: 91 Resp: 3031168

Ion Ratio Lower Upper

91 100

92 59.8 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 207.835 ug/L

RT: 7.635 min Scan# 2051

Delta R.T. -0.007 min

Lab File: VV029893.D

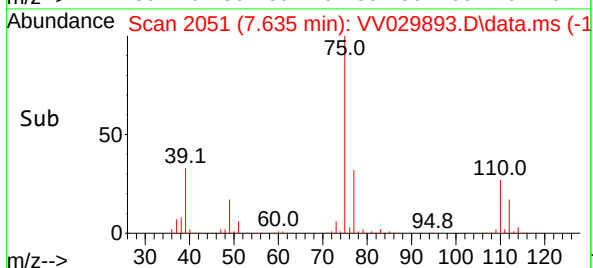
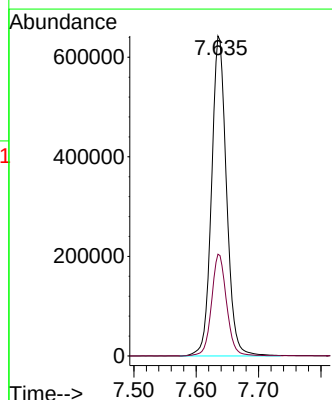
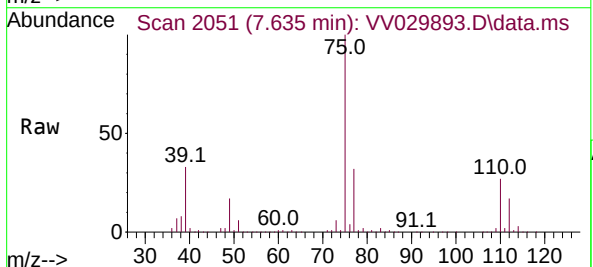
Acq: 18 Jan 2023 12:10

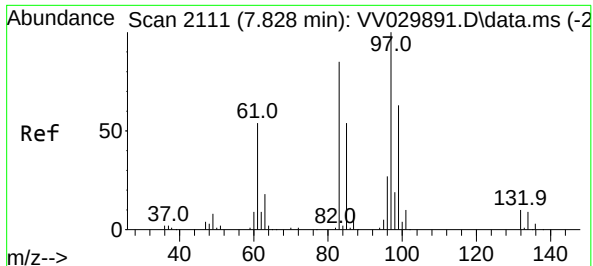
Tgt Ion: 75 Resp: 1073999

Ion Ratio Lower Upper

75 100

77 31.8 22.4 41.6



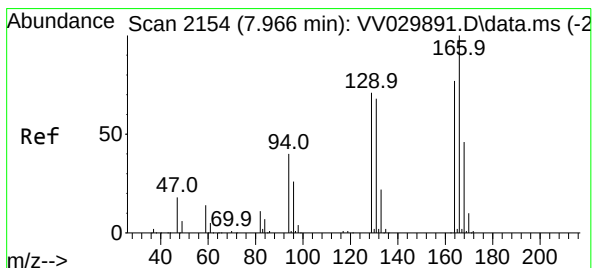
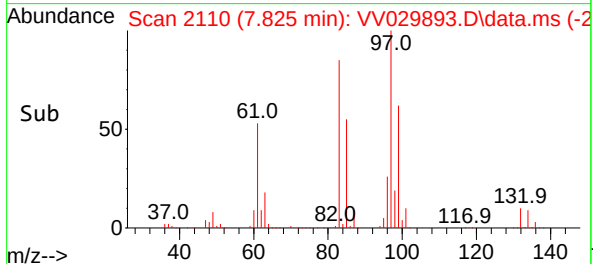
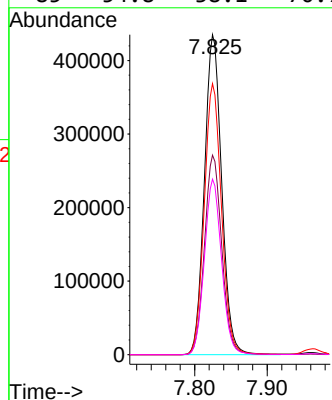
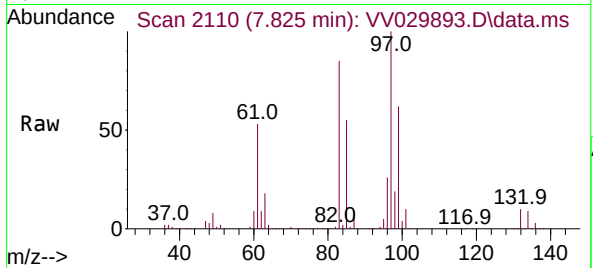


#45
1,1,2-Trichloroethane
Concen: 204.315 ug/L
RT: 7.825 min Scan# 2111
Delta R.T. -0.003 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD200206

Tgt Ion: 97 Resp: 720089

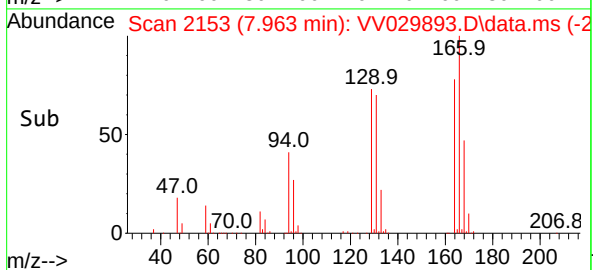
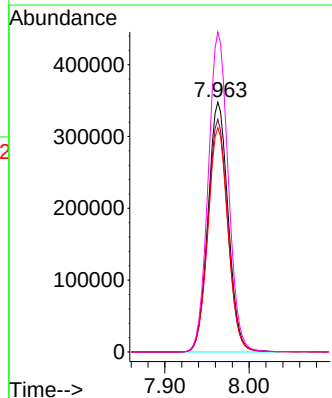
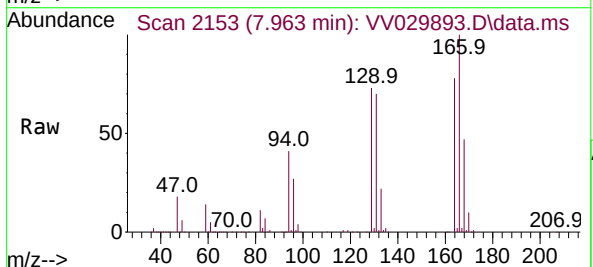
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.9	81.5
83	84.7	59.5	110.5
85	54.8	38.1	70.7

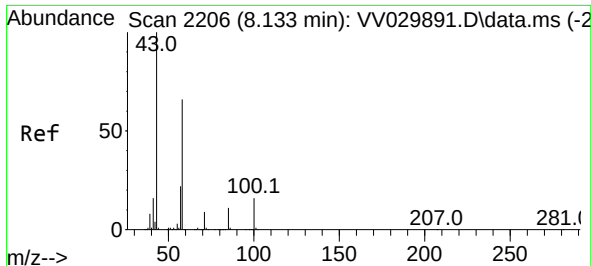


#46
Tetrachloroethene
Concen: 206.042 ug/L
RT: 7.963 min Scan# 2153
Delta R.T. -0.003 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

Tgt Ion: 164 Resp: 580028

Ion	Ratio	Lower	Upper
164	100		
129	93.1	64.6	120.0
131	89.8	61.8	114.8
166	128.1	90.9	168.9



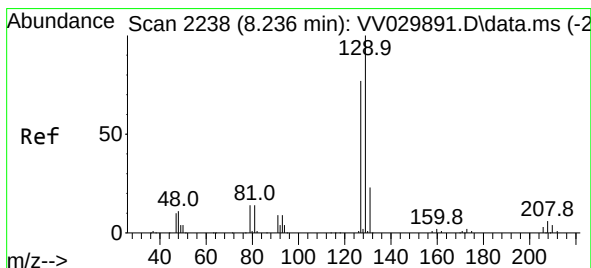
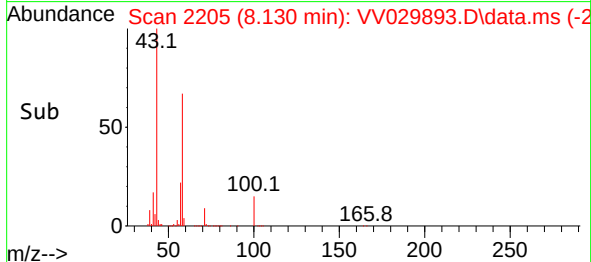
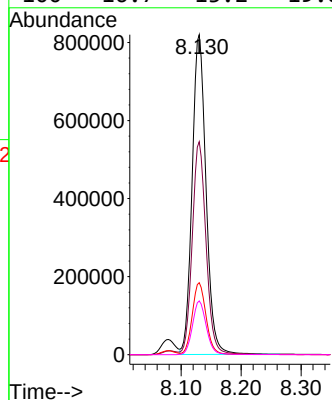
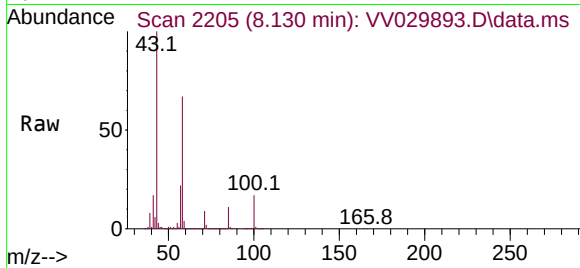


#48
2-Hexanone
Concen: 418.107 ug/L
RT: 8.130 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD200206

Tgt Ion: 43 Resp: 1318044

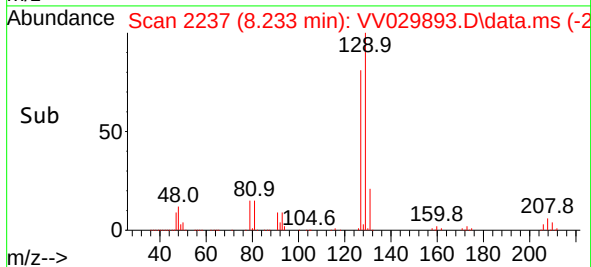
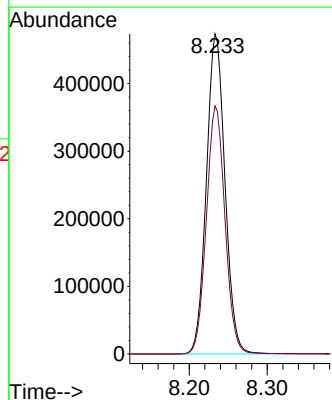
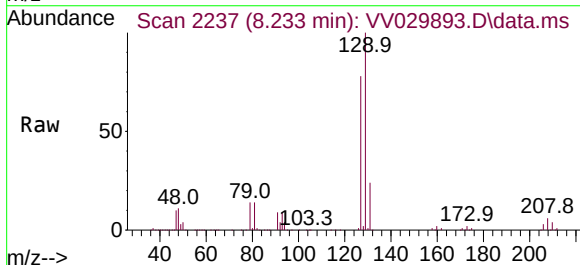
Ion	Ratio	Lower	Upper
43	100		
58	66.4	53.2	79.8
57	22.6	17.6	26.4
100	16.7	13.2	19.8

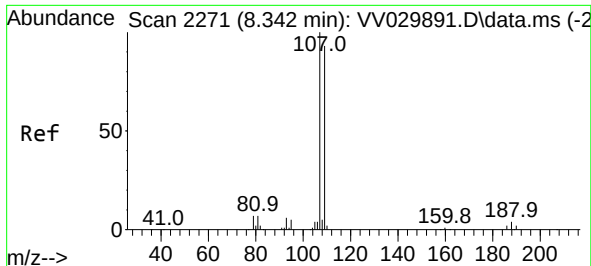


#49
Dibromochloromethane
Concen: 204.463 ug/L
RT: 8.233 min Scan# 2237
Delta R.T. -0.003 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

Tgt Ion: 129 Resp: 785246

Ion	Ratio	Lower	Upper
129	100		
127	77.6	53.5	99.5

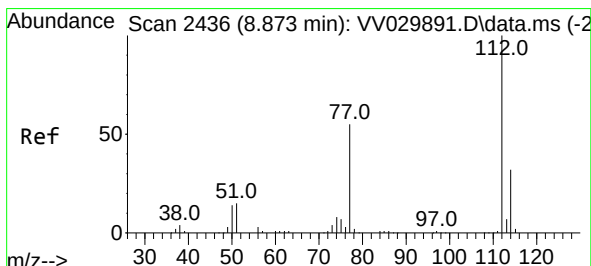
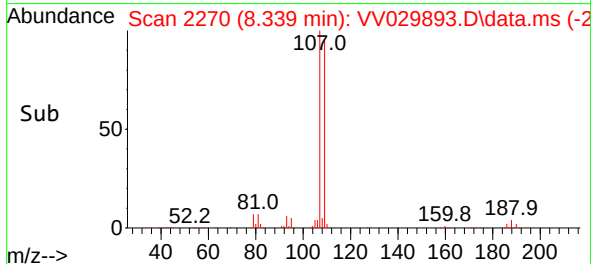
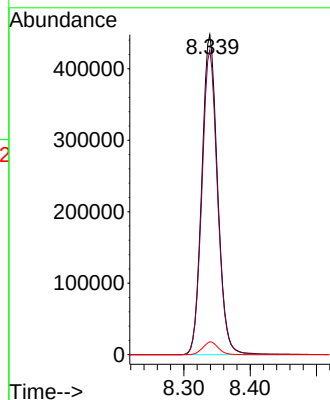
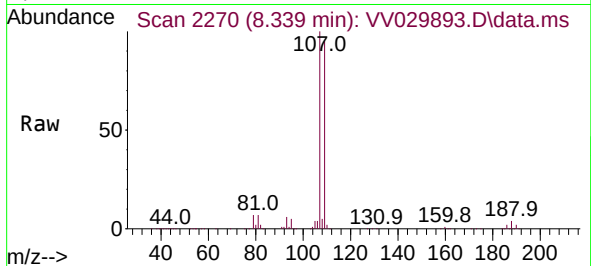




#50
1,2-Dibromoethane
Concen: 204.142 ug/L
RT: 8.339 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

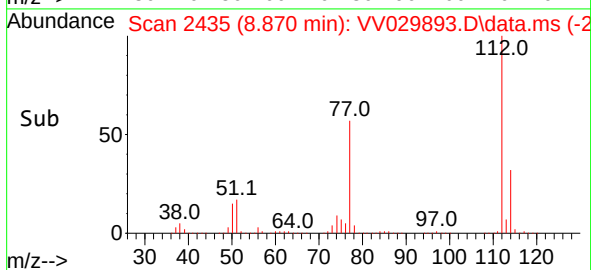
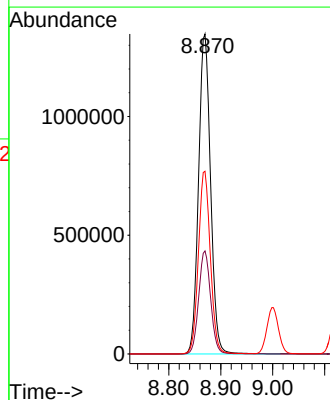
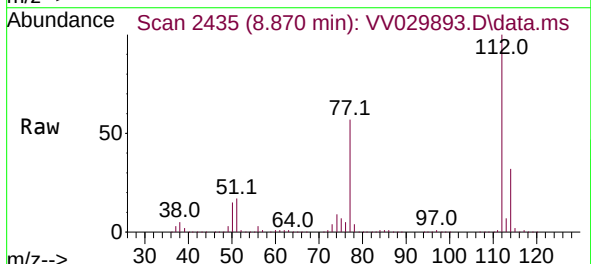
Instrument :
MSVOA_V
ClientSampleId :
VSTD200206

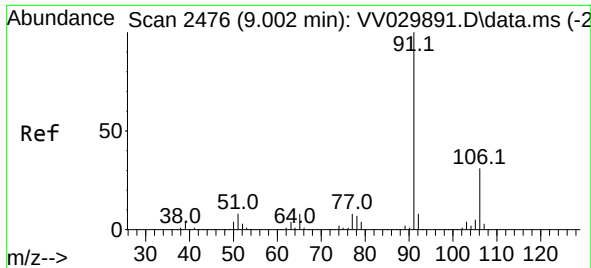
Tgt Ion:	107	Resp:	737846
Ion	Ratio	Lower	Upper
107	100		
109	95.2	65.5	121.6
188	4.0	3.4	5.0



#51
Chlorobenzene
Concen: 224.873 ug/L
RT: 8.870 min Scan# 2435
Delta R.T. -0.003 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

Tgt Ion:	112	Resp:	2162260
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.6	42.0
77	57.1	44.6	66.8

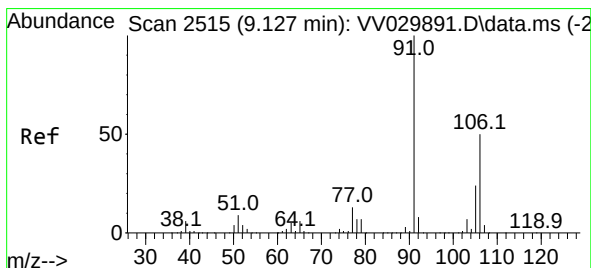
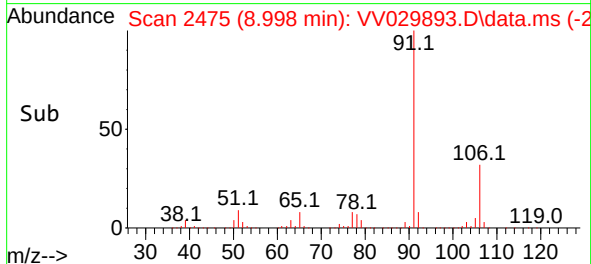
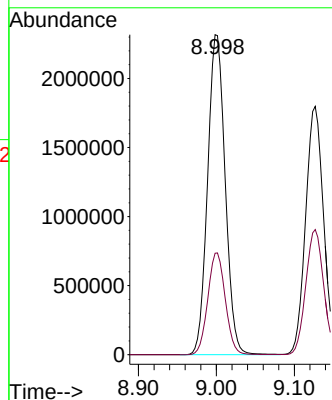
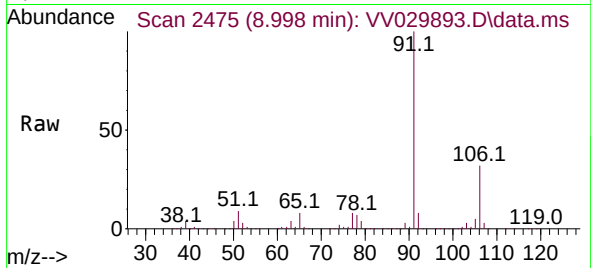




#52
Ethylbenzene
Concen: 229.046 ug/L
RT: 8.998 min Scan# 2476
Delta R.T. -0.003 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

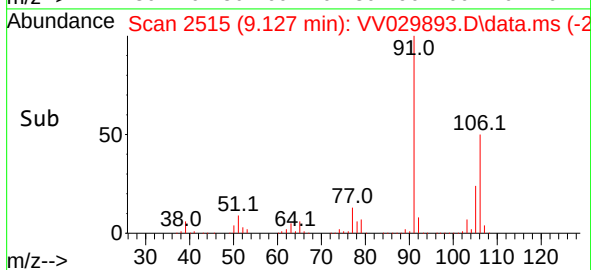
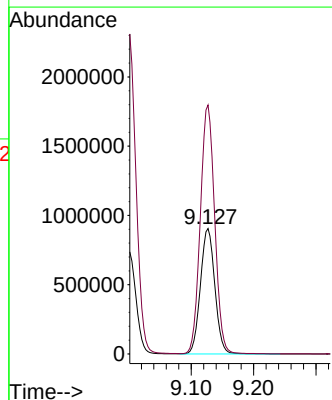
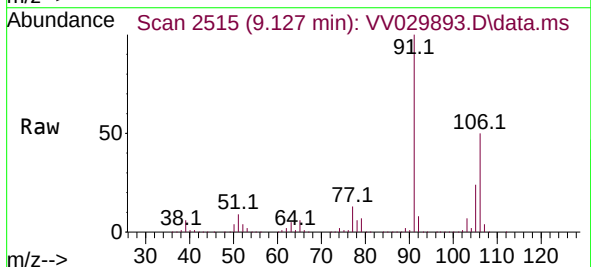
Instrument :
MSVOA_V
ClientSampleId :
VSTD200206

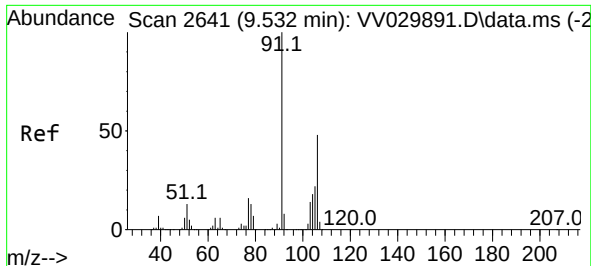
Tgt Ion: 91 Resp: 3627532
Ion Ratio Lower Upper
91 100
106 31.7 22.0 40.8



#53
m,p-Xylene
Concen: 231.664 ug/L
RT: 9.127 min Scan# 2515
Delta R.T. -0.000 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

Tgt Ion: 106 Resp: 1453751
Ion Ratio Lower Upper
106 100
91 198.5 138.9 258.1

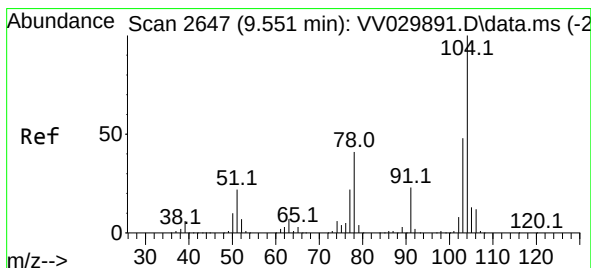
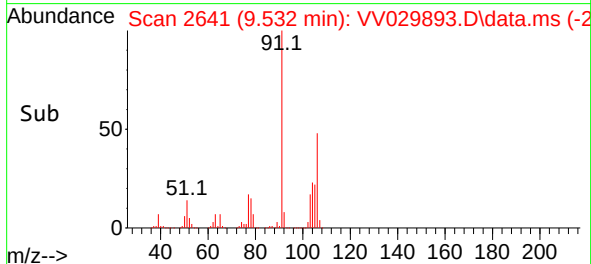
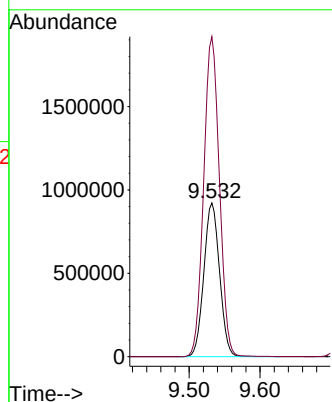
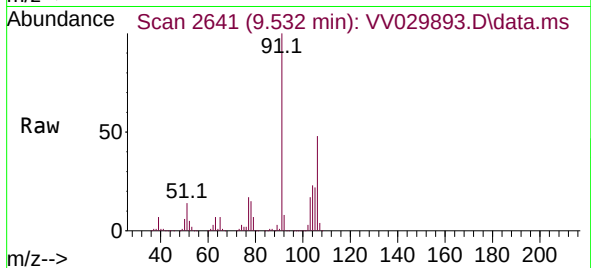




#54
o-Xylene
Concen: 229.150 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. -0.000 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

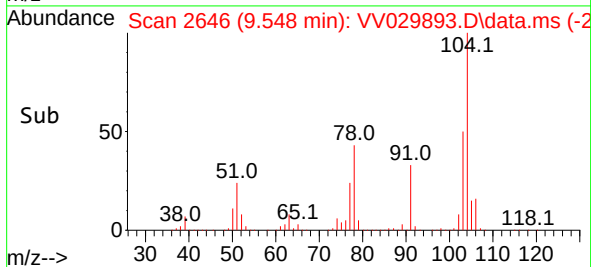
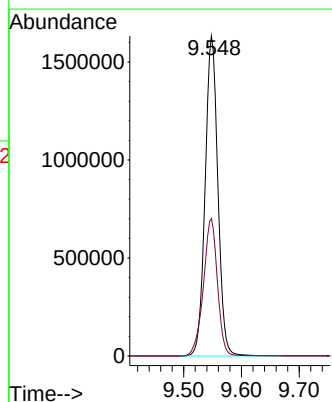
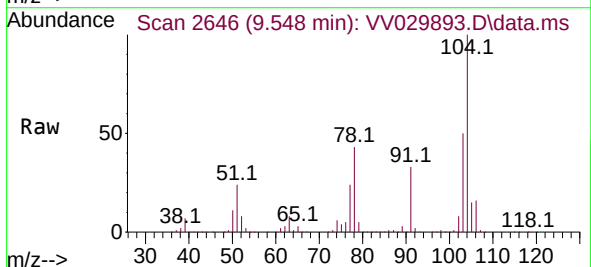
Instrument :
MSVOA_V
ClientSampleId :
VSTD200206

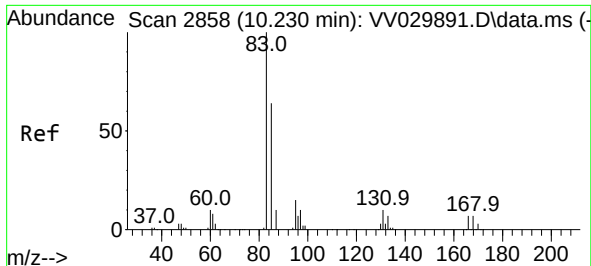
Tgt Ion:106 Resp: 1418810
Ion Ratio Lower Upper
106 100
91 208.2 146.2 271.6



#55
Styrene
Concen: 229.418 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.003 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

Tgt Ion:104 Resp: 2498430
Ion Ratio Lower Upper
104 100
78 43.0 28.6 53.0





#57

1,1,2,2-Tetrachloroethane

Concen: 231.761 ug/L

RT: 10.230 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VV029893.D

Acq: 18 Jan 2023 12:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD200206

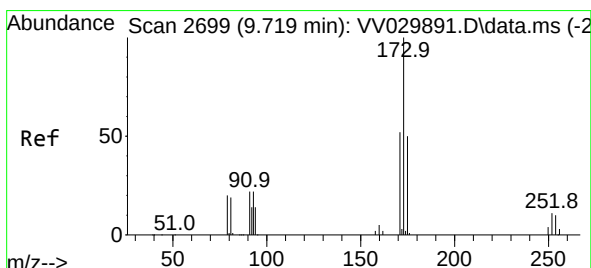
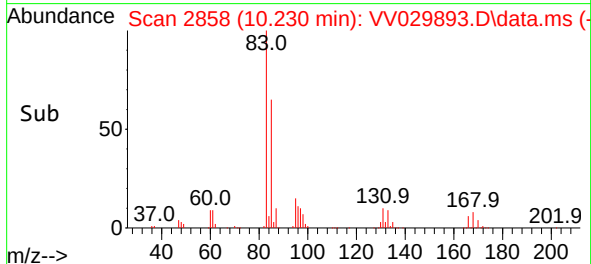
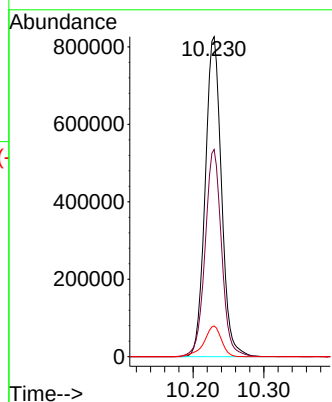
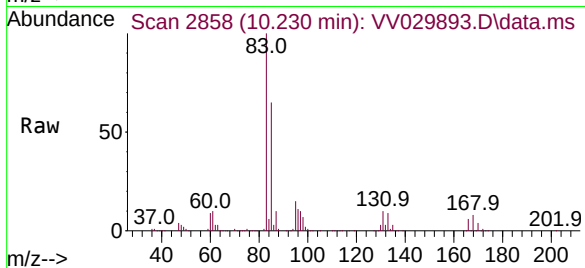
Tgt Ion: 83 Resp: 1314478

Ion Ratio Lower Upper

83 100

85 64.7 44.9 83.3

131 9.6 8.1 12.1



#59

Bromoform

Concen: 201.726 ug/L

RT: 9.718 min Scan# 2699

Delta R.T. -0.000 min

Lab File: VV029893.D

Acq: 18 Jan 2023 12:10

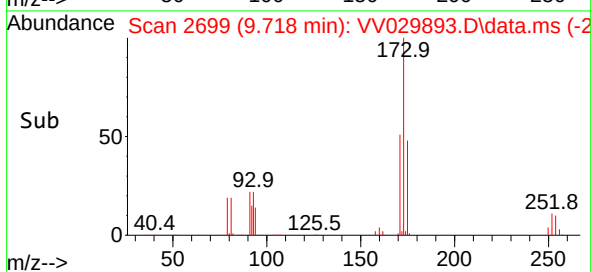
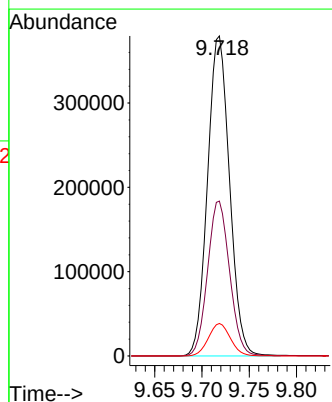
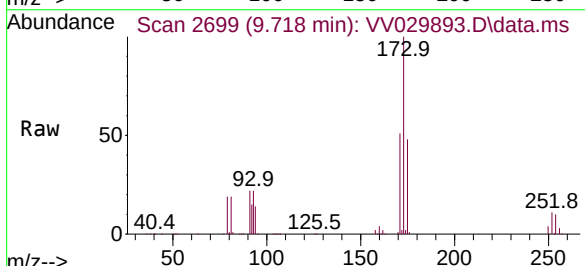
Tgt Ion: 173 Resp: 614406

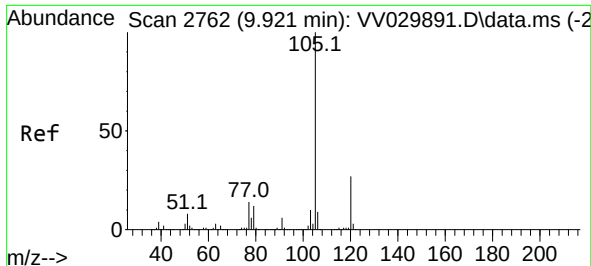
Ion Ratio Lower Upper

173 100

175 48.5 39.5 59.3

254 10.1 8.2 12.2

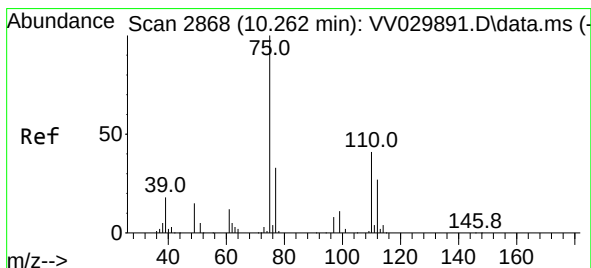
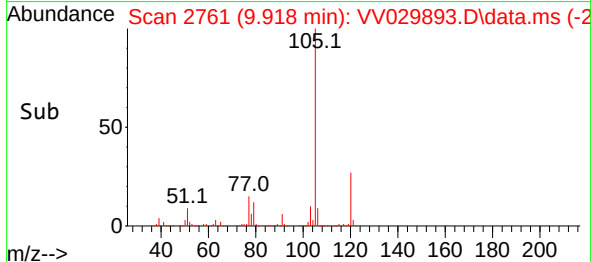
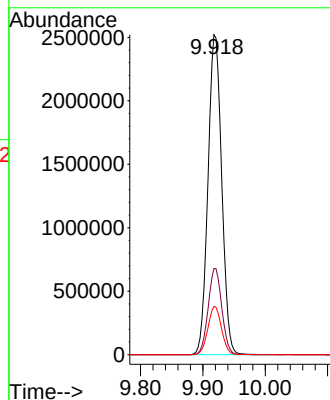
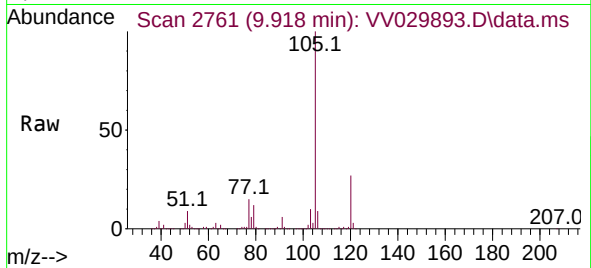




#60
Isopropylbenzene
Concen: 233.063 ug/L
RT: 9.918 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

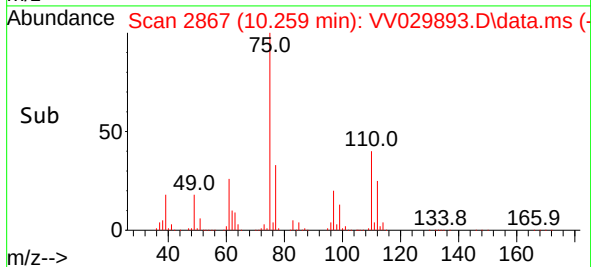
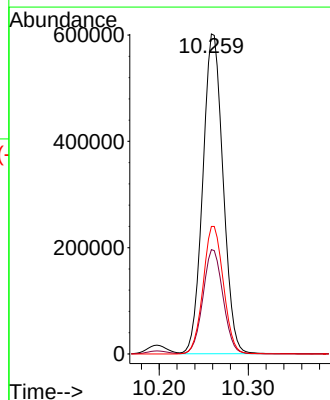
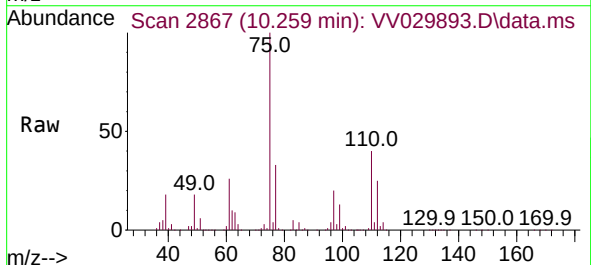
Instrument :
MSVOA_V
ClientSampleId :
VSTD200206

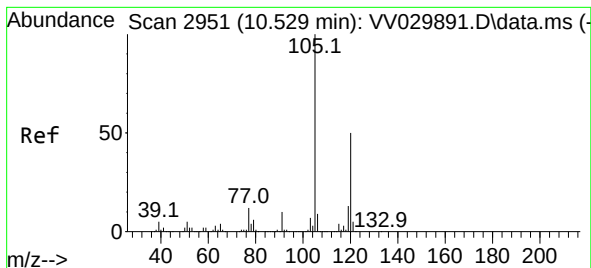
Tgt Ion:105 Resp: 3849185
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.2
77 14.9 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 216.535 ug/L
RT: 10.259 min Scan# 2867
Delta R.T. -0.003 min
Lab File: VV029893.D
Acq: 18 Jan 2023 12:10

Tgt Ion: 75 Resp: 950578
Ion Ratio Lower Upper
75 100
77 32.3 25.9 38.9
110 39.9 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 213.100 ug/L

RT: 10.525 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VV029893.D

Acq: 18 Jan 2023 12:10

Instrument :

MSVOA_V

ClientSampleId :

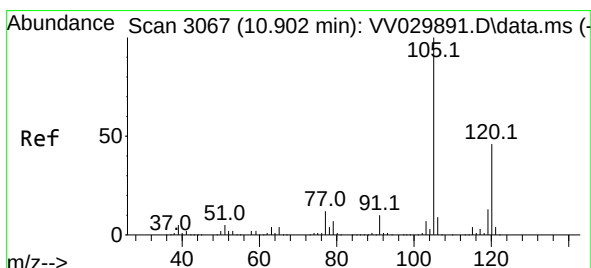
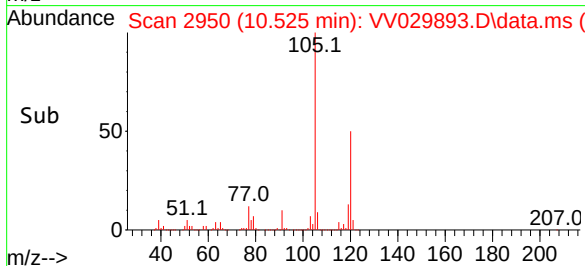
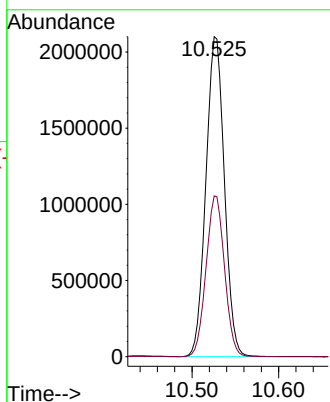
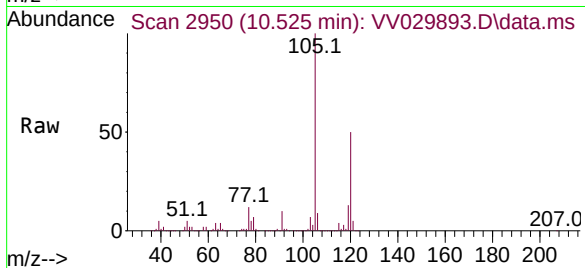
VSTD200206

Tgt Ion:105 Resp: 3111185

Ion Ratio Lower Upper

105 100

120 50.3 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 215.015 ug/L

RT: 10.902 min Scan# 3067

Delta R.T. -0.000 min

Lab File: VV029893.D

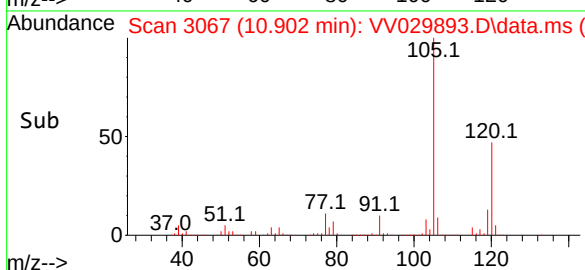
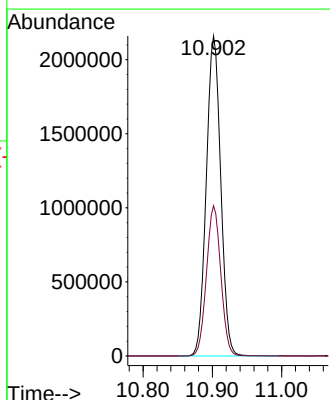
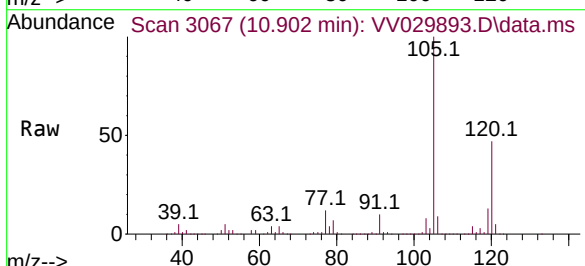
Acq: 18 Jan 2023 12:10

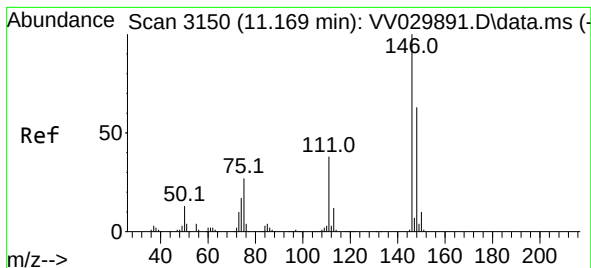
Tgt Ion:105 Resp: 3110536

Ion Ratio Lower Upper

105 100

120 46.7 37.0 55.6





#64

1,3-Dichlorobenzene

Concen: 211.676 ug/L

RT: 11.169 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VV029893.D

Acq: 18 Jan 2023 12:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD200206

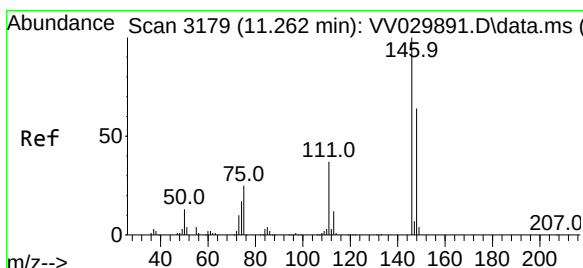
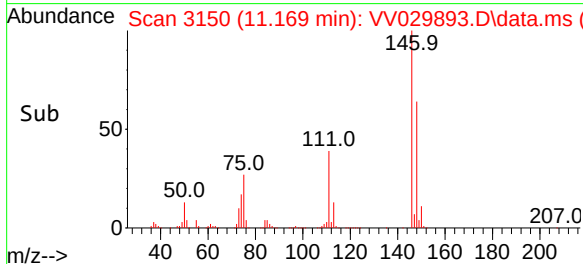
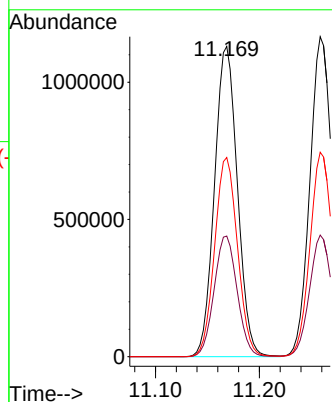
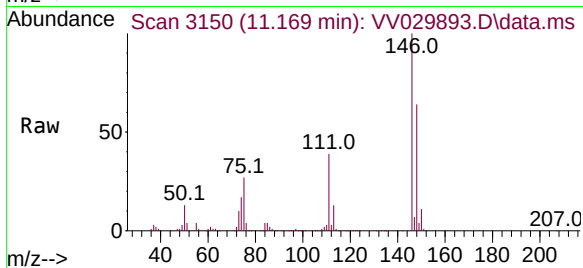
Tgt Ion:146 Resp: 1733937

Ion Ratio Lower Upper

146 100

111 38.9 26.9 50.1

148 64.2 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 211.344 ug/L

RT: 11.259 min Scan# 3178

Delta R.T. -0.003 min

Lab File: VV029893.D

Acq: 18 Jan 2023 12:10

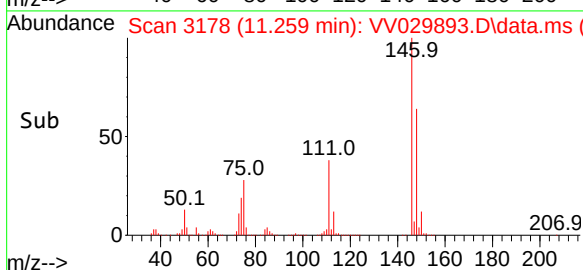
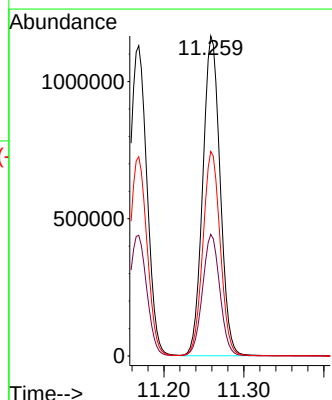
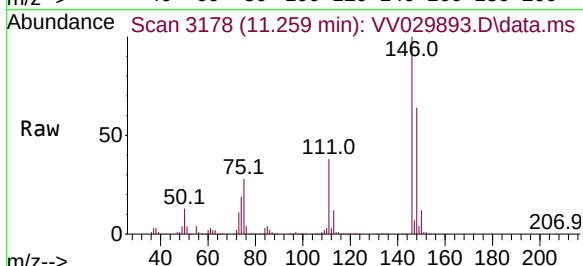
Tgt Ion:146 Resp: 1761690

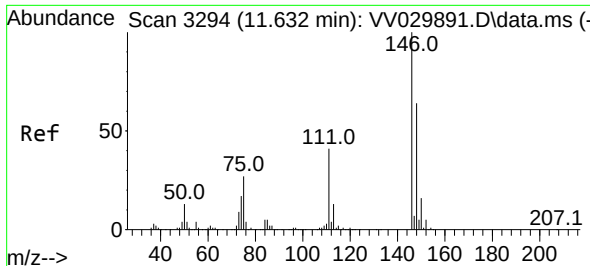
Ion Ratio Lower Upper

146 100

111 38.0 26.2 48.8

148 63.9 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 204.134 ug/L

RT: 11.632 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029893.D

Acq: 18 Jan 2023 12:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD200206

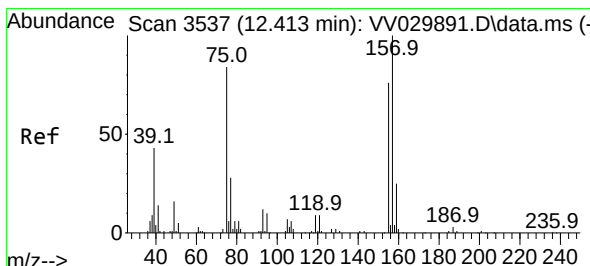
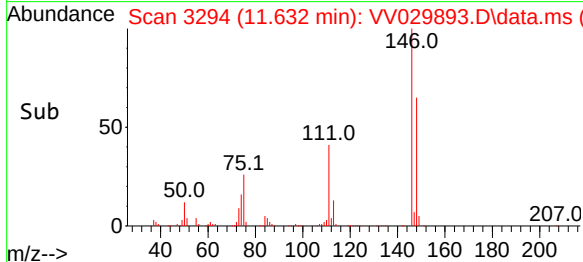
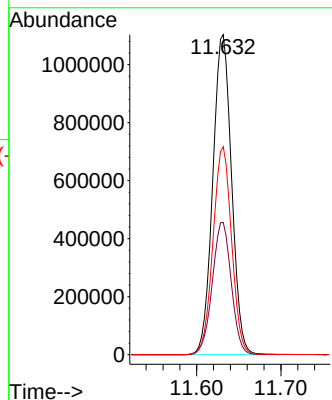
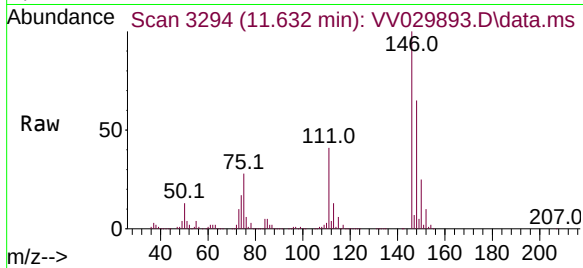
Tgt Ion:146 Resp: 1706809

Ion Ratio Lower Upper

146 100

111 41.4 32.7 49.1

148 65.0 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 188.054 ug/L

RT: 12.413 min Scan# 3537

Delta R.T. -0.000 min

Lab File: VV029893.D

Acq: 18 Jan 2023 12:10

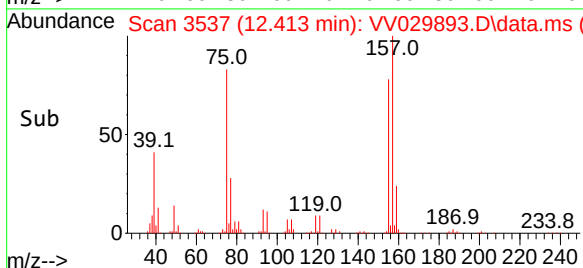
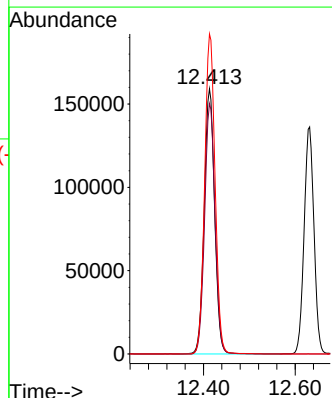
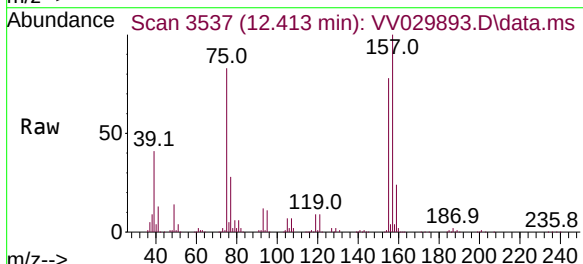
Tgt Ion: 75 Resp: 251604

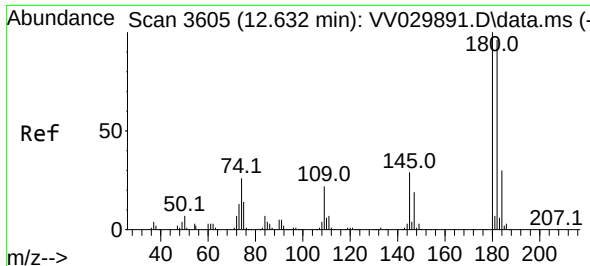
Ion Ratio Lower Upper

75 100

155 94.4 72.3 108.5

157 120.7 95.4 143.2

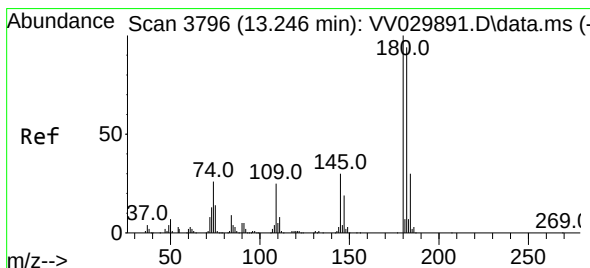
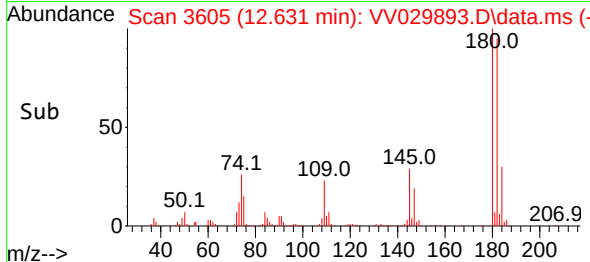
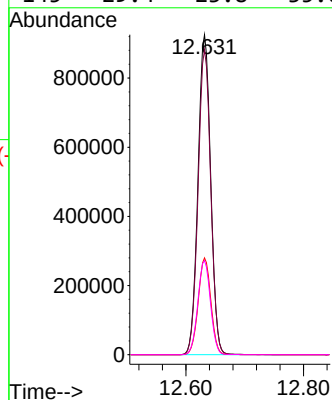
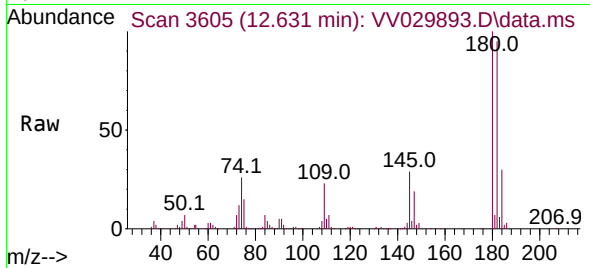




#69
 1,3,5-Trichlorobenzene
 Concen: 214.119 ug/L
 RT: 12.631 min Scan# 3605
 Delta R.T. -0.000 min
 Lab File: VV029893.D
 Acq: 18 Jan 2023 12:10

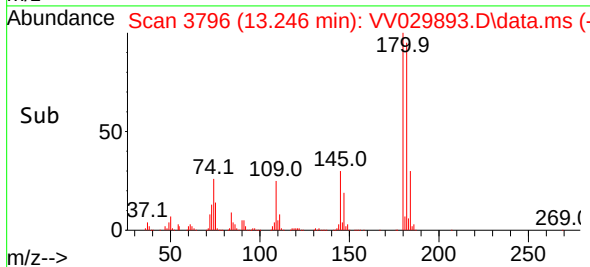
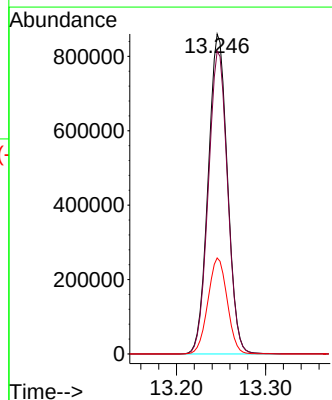
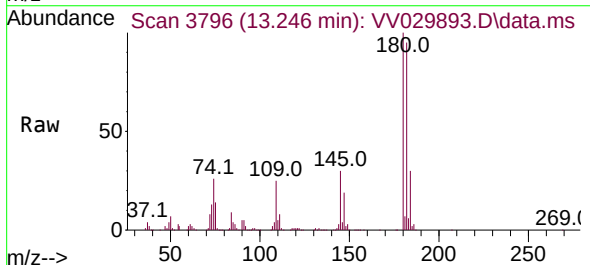
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200206

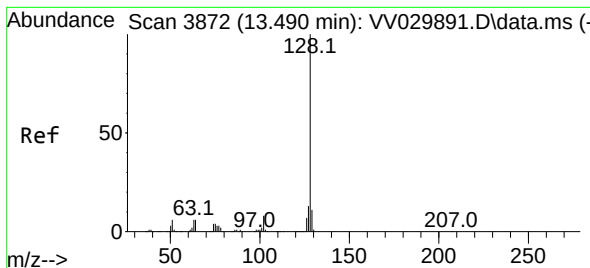
Tgt Ion:180 Resp: 1385706
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.2 114.4
 184 30.2 23.9 35.9
 145 29.4 23.8 35.6



#70
 1,2,4-trichlorobenzene
 Concen: 224.954 ug/L
 RT: 13.246 min Scan# 3796
 Delta R.T. -0.000 min
 Lab File: VV029893.D
 Acq: 18 Jan 2023 12:10

Tgt Ion:180 Resp: 1292218
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.0 114.0
 145 30.0 24.0 36.0





#71

Naphthalene

Concen: 263.994 ug/L

RT: 13.487 min Scan# 3872

Delta R.T. -0.003 min

Lab File: VV029893.D

Acq: 18 Jan 2023 12:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD200206

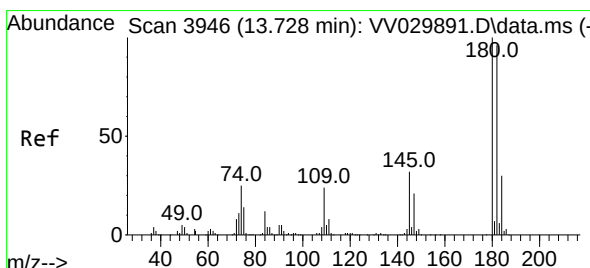
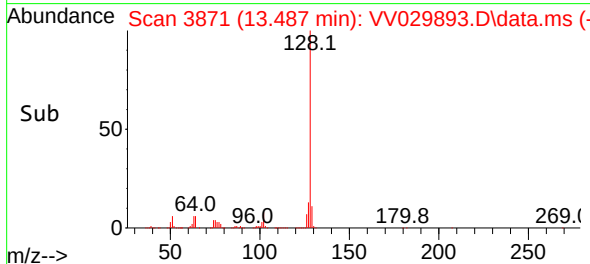
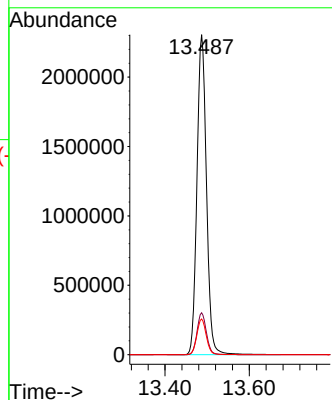
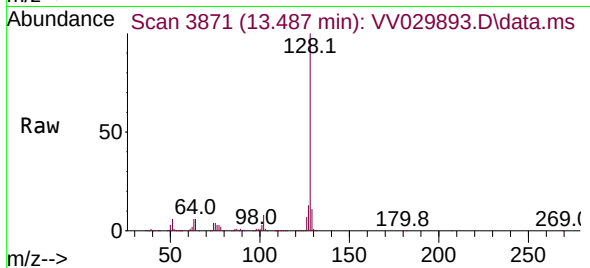
Tgt Ion:128 Resp: 3593214

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 214.667 ug/L

RT: 13.728 min Scan# 3946

Delta R.T. -0.000 min

Lab File: VV029893.D

Acq: 18 Jan 2023 12:10

Tgt Ion:180 Resp: 1208678

Ion Ratio Lower Upper

180 100

182 95.6 76.3 114.5

145 32.1 25.7 38.5

