

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062922\
 Data File : VW026595.D
 Acq On : 29 Jun 2022 19:41
 Operator : SY/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200229

Quant Time: Jun 30 03:10:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 30 03:07:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	437176	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	433146	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	249581	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	673423	127.508	ug/L	0.00
7) Chloroethane-d5	1.581	69	570993	123.513	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.118	63	1274928	136.073	ug/L	0.00
21) 2-Butanone-d5	3.905	46	807564	346.843	ug/L	0.00
24) Chloroform-d	4.355	84	1346973	172.958	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	757606	163.703	ug/L	0.00
32) Benzene-d6	5.056	84	2648737	177.684	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	832431	181.571	ug/L	0.00
41) Toluene-d8	7.317	98	2412283	176.347	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	383835	188.220	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	713681	424.085	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	1169294	186.944	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	982256	180.630	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	593203	138.422	ug/L	100
3) Chloromethane	1.253	50	730514	139.301	ug/L	99
5) Vinyl chloride	1.323	62	803406	150.511	ug/L	99
6) Bromomethane	1.536	94	500662	154.809	ug/L	99
8) Chloroethane	1.597	64	511487	131.584	ug/L	97
9) Trichlorofluoromethane	1.764	101	1091269	143.350	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	620036	151.723	ug/L	100
12) 1,1-Dichloroethene	2.127	96	637214	158.537	ug/L	97
13) Acetone	2.204	43	497582	313.237	ug/L	97
14) Carbon disulfide	2.304	76	1828414	180.630	ug/L	99
15) Methyl Acetate	2.452	43	525378	152.571	ug/L	97
16) Methylene chloride	2.516	84	749668	186.342	ug/L	100
17) trans-1,2-Dichloroethene	2.770	96	694904	194.954	ug/L	99
18) Methyl tert-butyl Ether	2.786	73	2114216	205.046	ug/L	98
19) 1,1-Dichloroethane	3.201	63	1233608	186.415	ug/L	99
20) cis-1,2-Dichloroethene	3.921	96	790348	205.740	ug/L	97
22) 2-Butanone	3.989	43	781341	362.148	ug/L	96
23) Bromochloromethane	4.256	128	414493	204.143	ug/L	98
25) Chloroform	4.384	83	1307100	185.935	ug/L	99
27) 1,2-Dichloroethane	5.137	62	900970	172.955	ug/L	99
29) Cyclohexane	4.683	56	1017896	195.584	ug/L	98
30) 1,1,1-Trichloroethane	4.616	97	1120324	189.346	ug/L	99
31) Carbon tetrachloride	4.835	117	953563	191.762	ug/L	99
33) Benzene	5.105	78	2872658	196.020	ug/L	100
34) Trichloroethene	5.915	95	712420	187.788	ug/L	99
35) Methylcyclohexane	6.134	83	1157369	201.216	ug/L	99
37) 1,2-Dichloropropane	6.175	63	744484	202.831	ug/L	99
38) Bromodichloromethane	6.510	83	978420	196.962	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	1170769	221.860	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	1617946	381.298	ug/L	97
42) Toluene	7.387	91	3113558	197.963	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	1087122	215.621	ug/L	99

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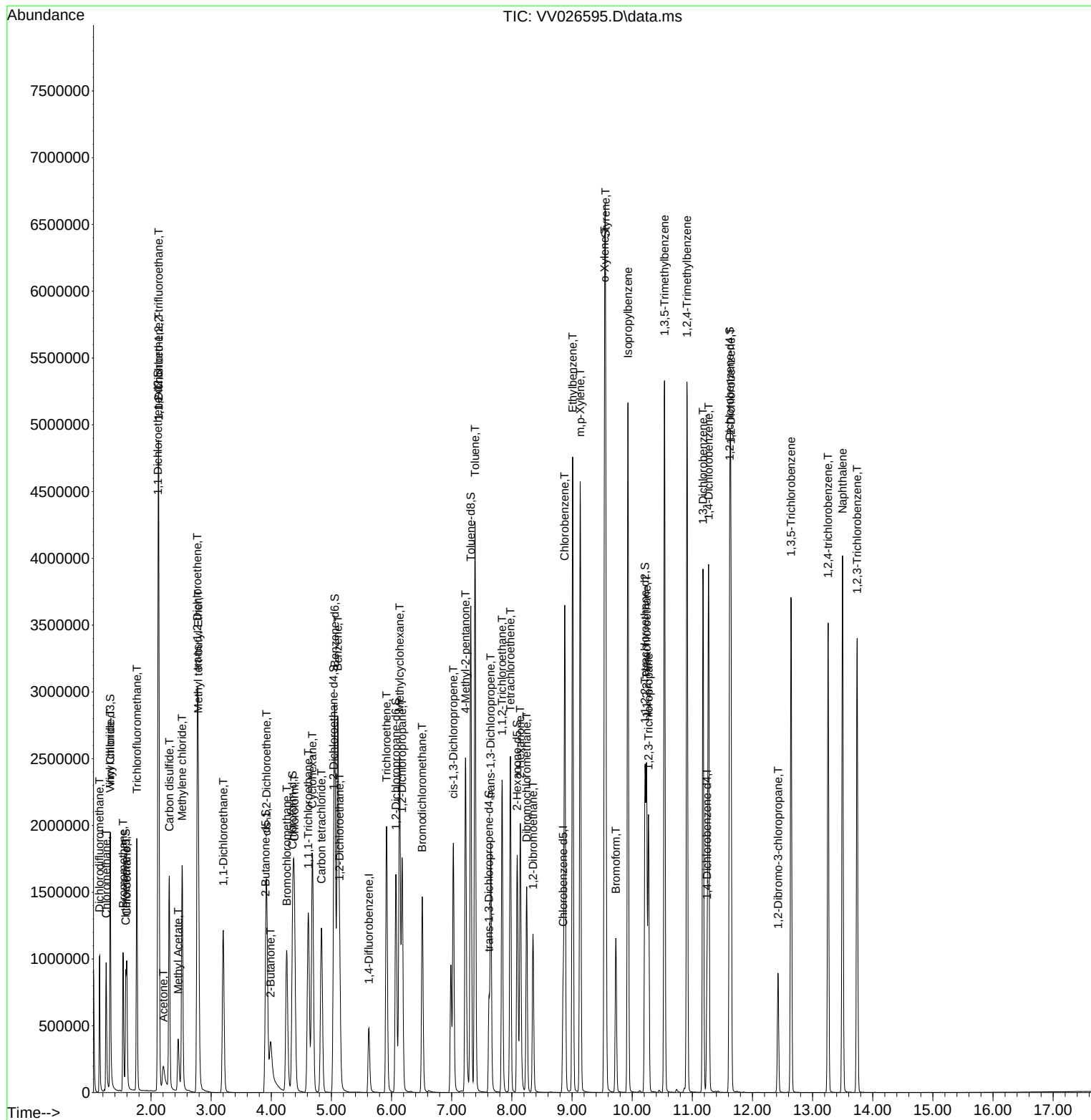
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	747170	198.074	ug/L	99
46) Tetrachloroethene	7.976	164	566706	198.557	ug/L	99
48) 2-Hexanone	8.140	43	1218497	371.082	ug/L	96
49) Dibromochloromethane	8.246	129	806277	216.373	ug/L	100
50) 1,2-Dibromoethane	8.352	107	776296	201.770	ug/L	99
51) Chlorobenzene	8.879	112	2014081	199.247	ug/L	99
52) Ethylbenzene	9.011	91	3304606	204.038	ug/L	100
53) m,p-Xylene	9.137	106	1313595	208.371	ug/L	100
54) o-Xylene	9.542	106	1299437	210.319	ug/L	99
55) Styrene	9.558	104	2267998	210.332	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	1164589	204.729	ug/L	100
59) Bromoform	9.728	173	521127	217.161	ug/L	100
60) Isopropylbenzene	9.931	105	3321633	198.444	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	839274	170.551	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	2834734	294.894	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	2863249	213.329	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	1584248	198.269	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	1611481	192.777	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	1597118	193.297	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	217270	193.689	ug/L	94
69) 1,3,5-Trichlorobenzene	12.645	180	1139042	206.142	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	1030778	219.690	ug/L	100
71) Naphthalene	13.500	128	3093036	223.294	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	998816	208.857	ug/L	100

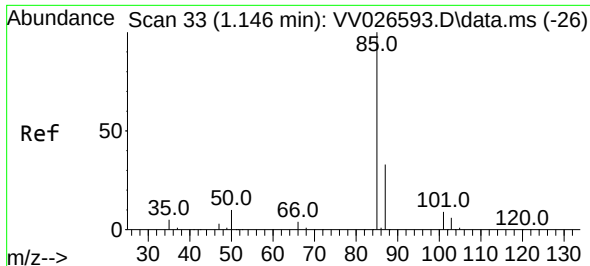
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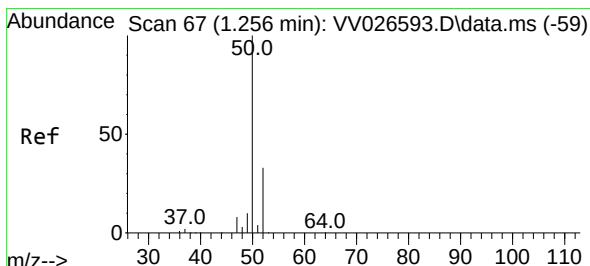
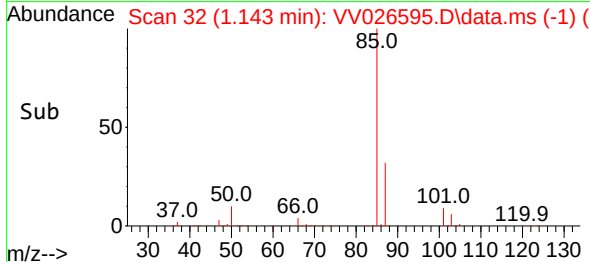
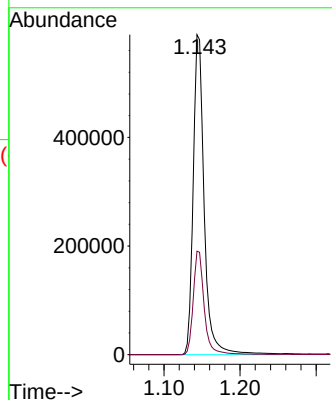
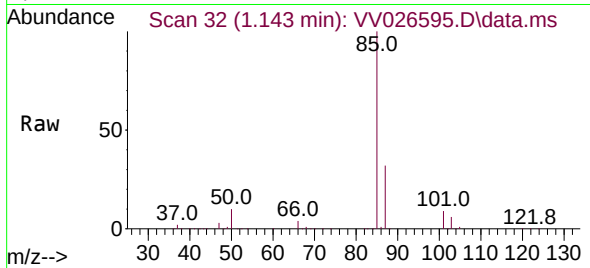




#2
Dichlorodifluoromethane
Concen: 138.422 ug/L
RT: 1.143 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

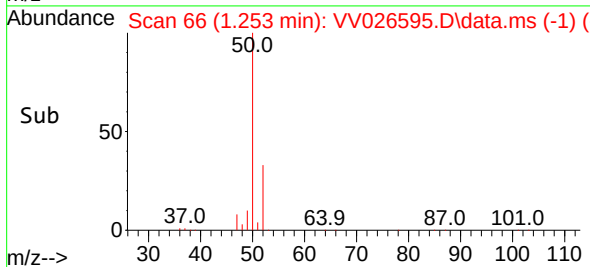
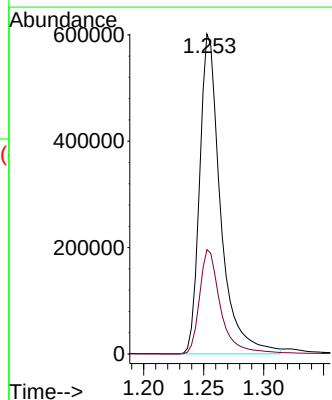
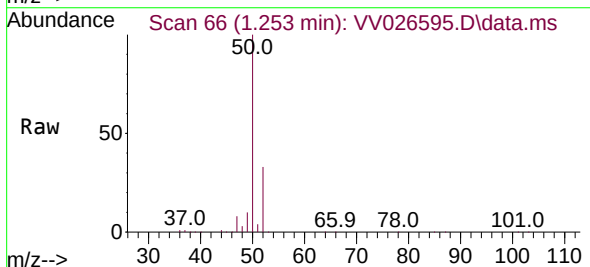
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

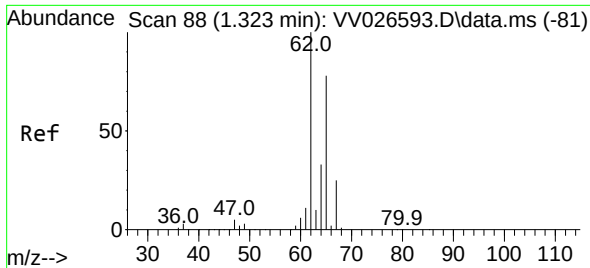
Tgt Ion: 85 Resp: 593203
Ion Ratio Lower Upper
85 100
87 32.4 25.8 38.8



#3
Chloromethane
Concen: 139.301 ug/L
RT: 1.253 min Scan# 66
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

Tgt Ion: 50 Resp: 730514
Ion Ratio Lower Upper
50 100
52 32.6 23.1 42.9

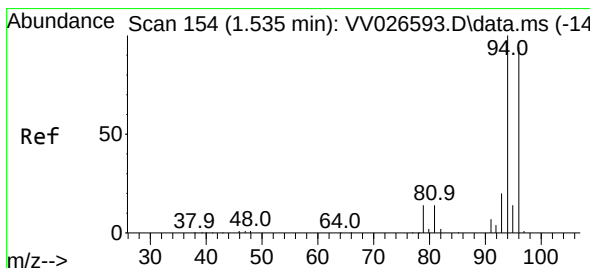
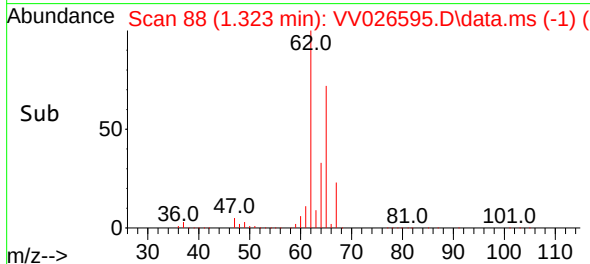
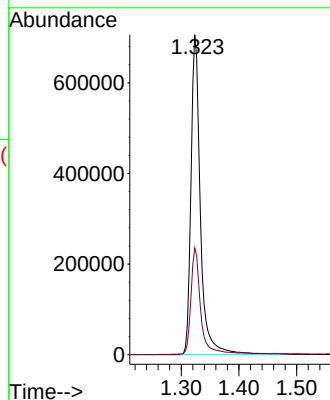
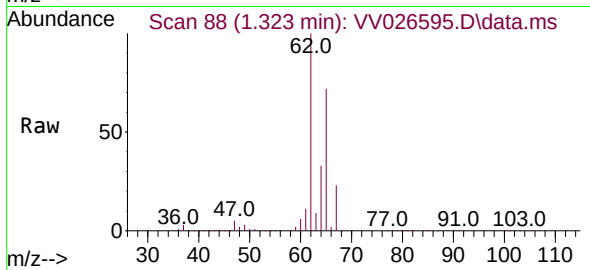




#5
 Vinyl chloride
 Concen: 150.511 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. 0.000 min
 Lab File: VV026595.D
 Acq: 29 Jun 2022 19:41

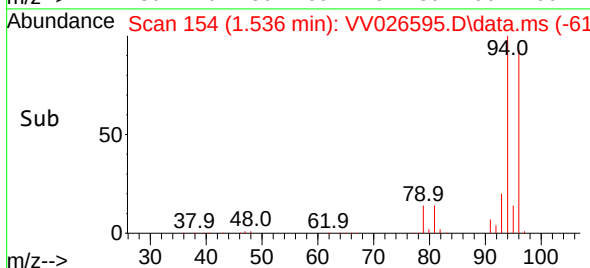
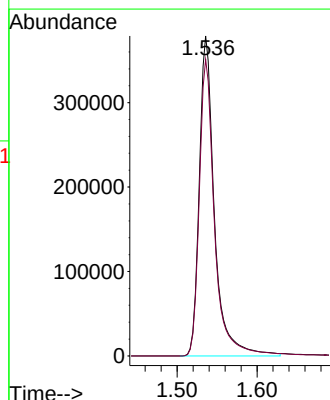
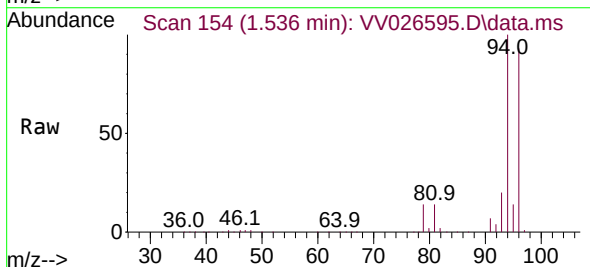
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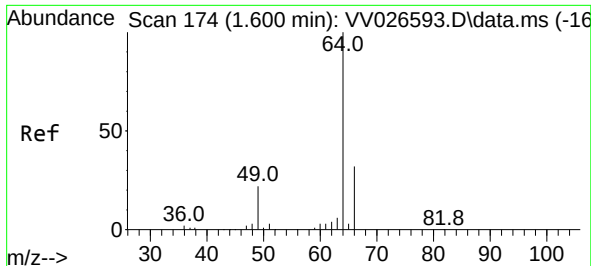
Tgt Ion: 62 Resp: 803406
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.7 44.1



#6
 Bromomethane
 Concen: 154.809 ug/L
 RT: 1.536 min Scan# 154
 Delta R.T. 0.000 min
 Lab File: VV026595.D
 Acq: 29 Jun 2022 19:41

Tgt Ion: 94 Resp: 500662
 Ion Ratio Lower Upper
 94 100
 96 92.7 65.6 121.8

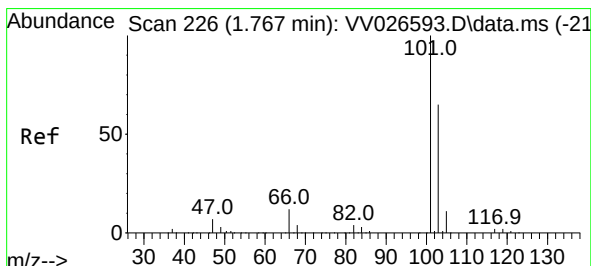
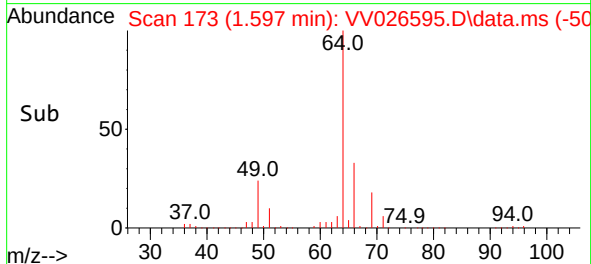
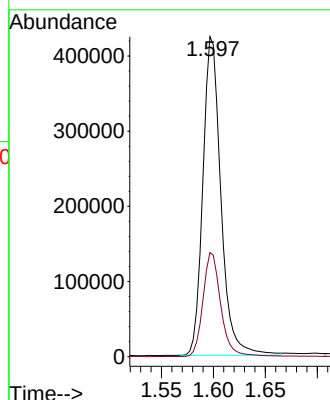
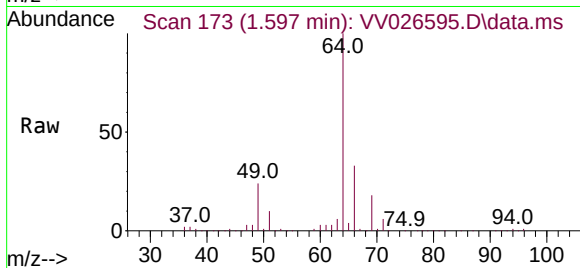




#8
Chloroethane
Concen: 131.584 ug/L
RT: 1.597 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

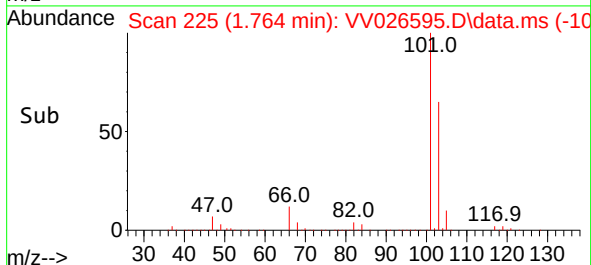
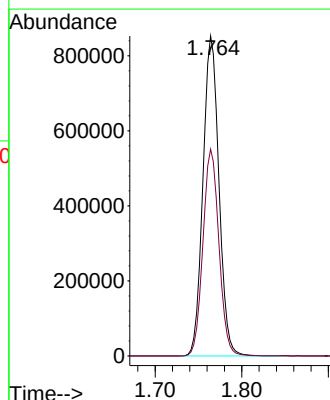
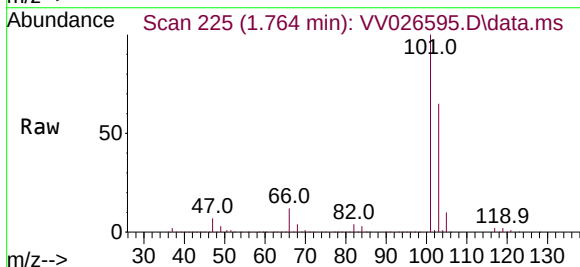
Instrument :
MSVOA_V
ClientSampleId :
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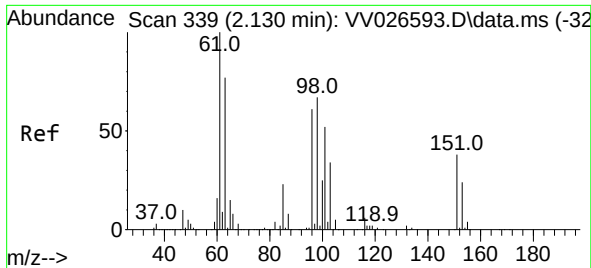
Tgt Ion: 64 Resp: 511487
Ion Ratio Lower Upper
64 100
66 32.5 21.6 40.0



#9
Trichlorofluoromethane
Concen: 143.350 ug/L
RT: 1.764 min Scan# 225
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

Tgt Ion:101 Resp: 1091269
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

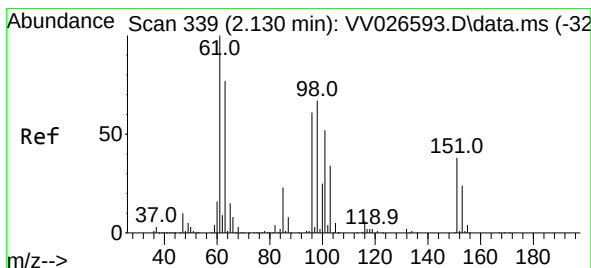
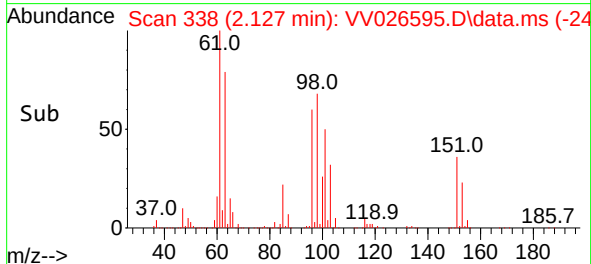
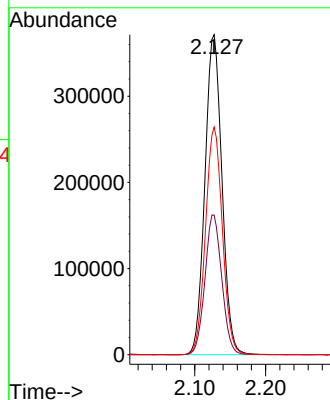
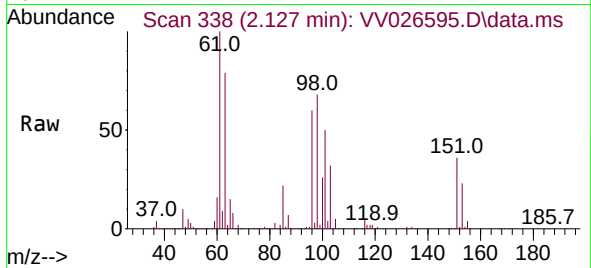




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 151.723 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

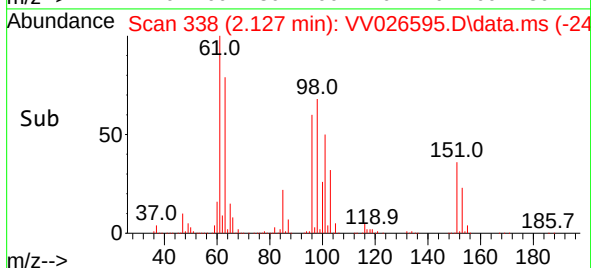
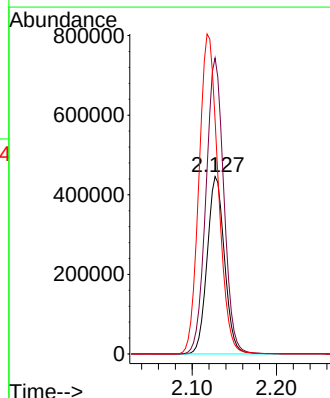
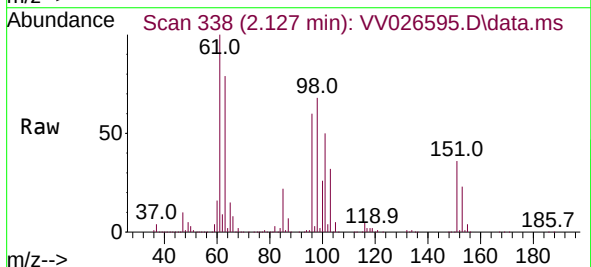
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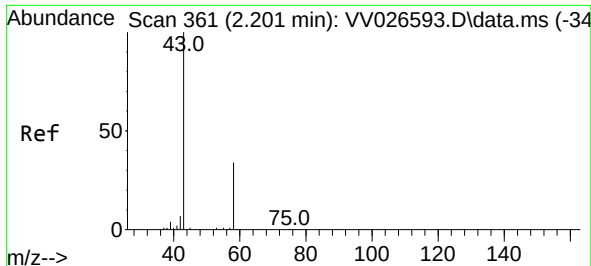
Tgt Ion:101 Resp: 620036
Ion Ratio Lower Upper
101 100
85 43.2 34.5 51.7
151 70.7 56.9 85.3



#12
1,1-Dichloroethene
Concen: 158.537 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

Tgt Ion: 96 Resp: 637214
Ion Ratio Lower Upper
96 100
61 166.8 114.9 213.5
63 132.1 88.8 164.8





#13

Acetone

Concen: 313.237 ug/L

RT: 2.204 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

Instrument :

MSVOA_V

ClientSampleId :

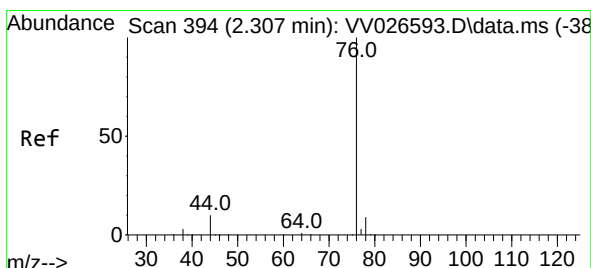
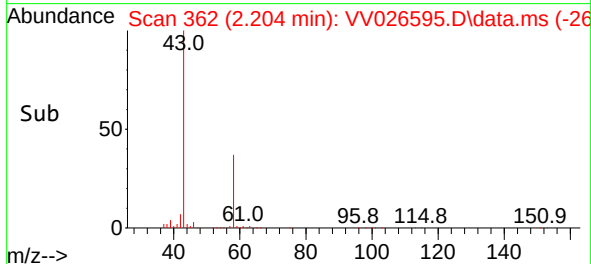
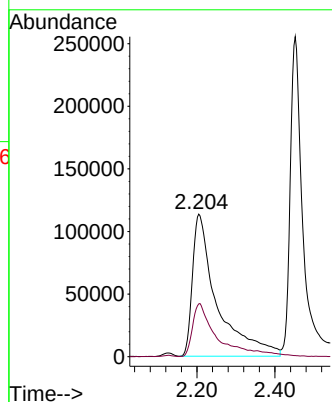
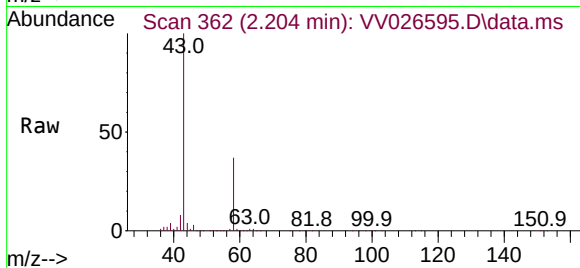
VSTD200229

Tgt Ion: 43 Resp: 497582

Ion Ratio Lower Upper

43 100

58 30.9 0.0 65.0



#14

Carbon disulfide

Concen: 180.630 ug/L

RT: 2.304 min Scan# 393

Delta R.T. -0.003 min

Lab File: VV026595.D

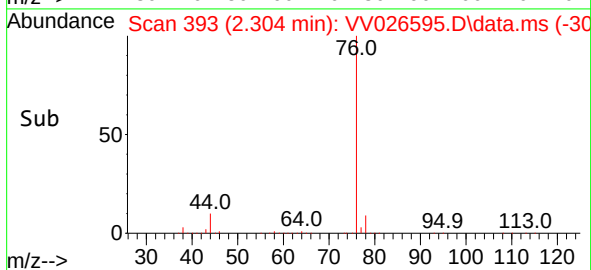
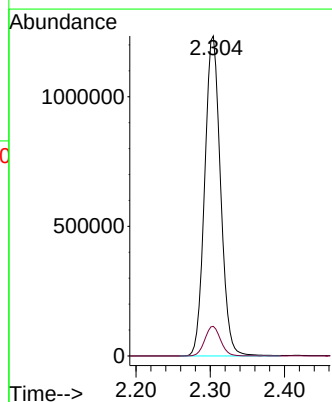
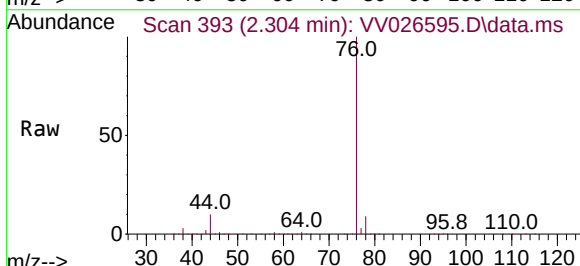
Acq: 29 Jun 2022 19:41

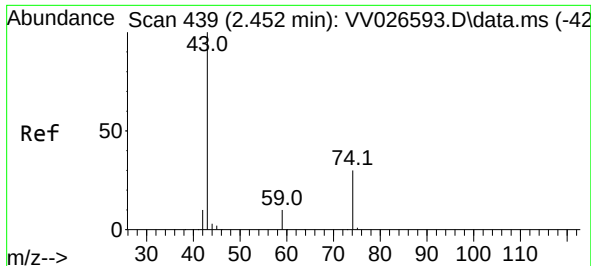
Tgt Ion: 76 Resp: 1828414

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

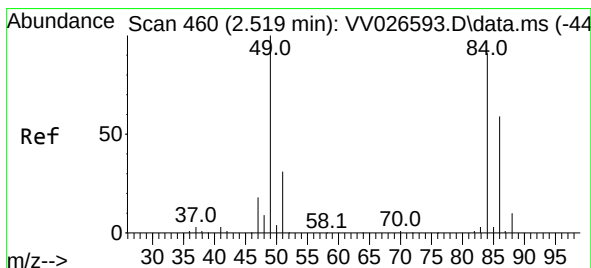
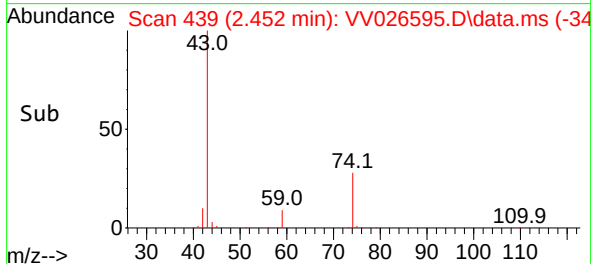
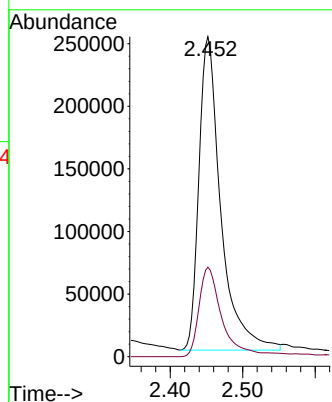
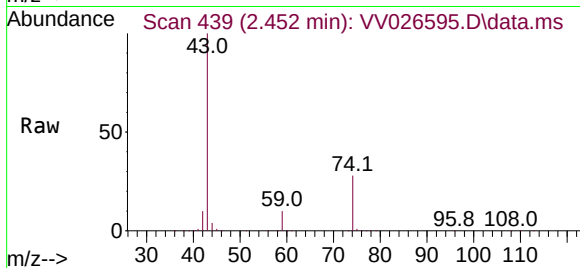




#15
Methyl Acetate
Concen: 152.571 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

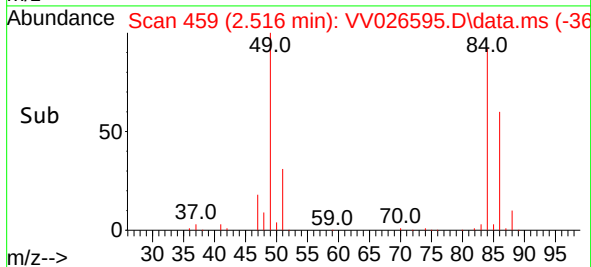
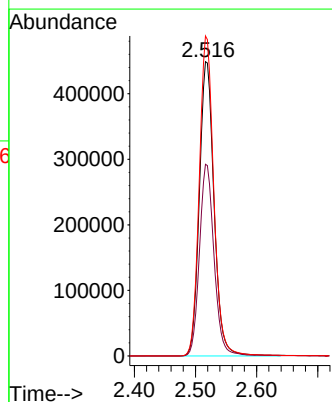
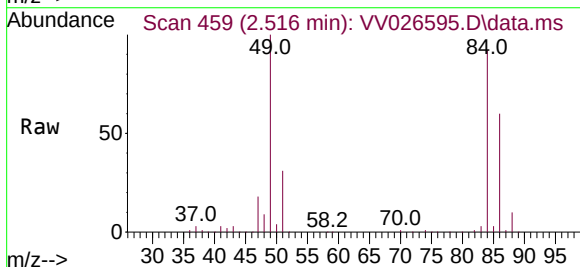
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

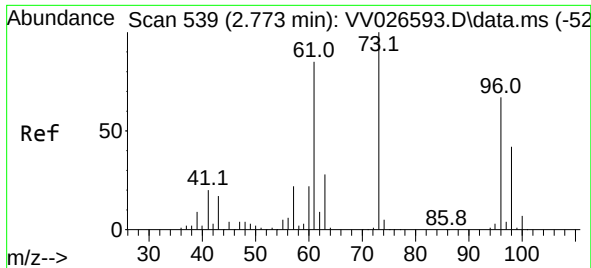
Tgt Ion: 43 Resp: 525378
Ion Ratio Lower Upper
43 100
74 29.3 22.2 33.4



#16
Methylene chloride
Concen: 186.342 ug/L
RT: 2.516 min Scan# 459
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

Tgt Ion: 84 Resp: 749668
Ion Ratio Lower Upper
84 100
86 65.1 45.4 84.2
49 108.8 76.5 142.1

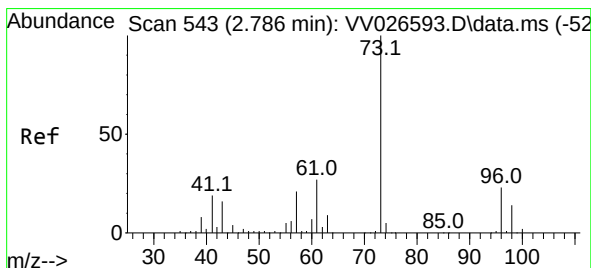
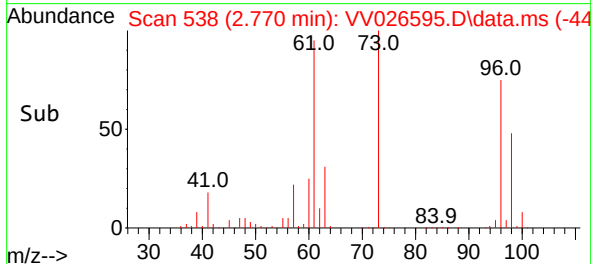
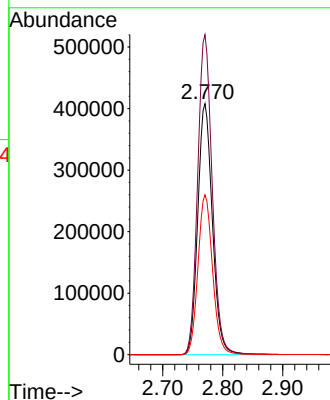
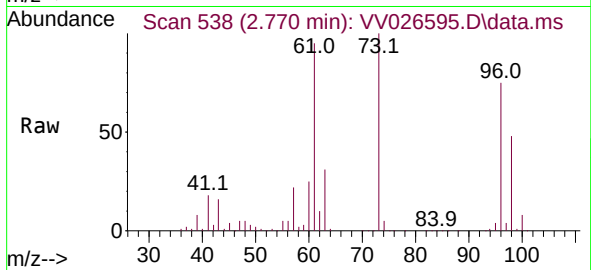




#17
trans-1,2-Dichloroethene
Concen: 194.954 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

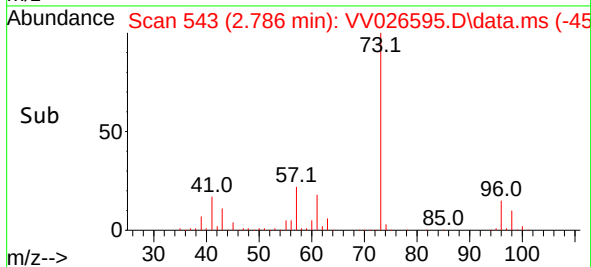
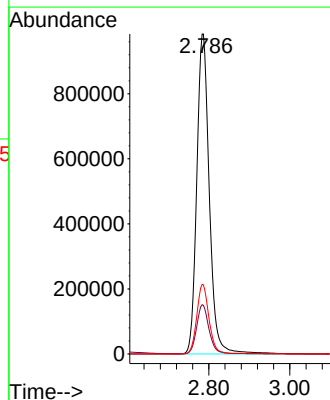
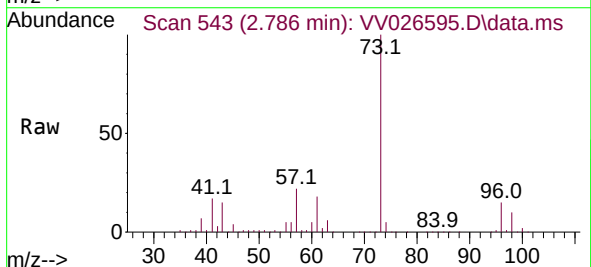
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

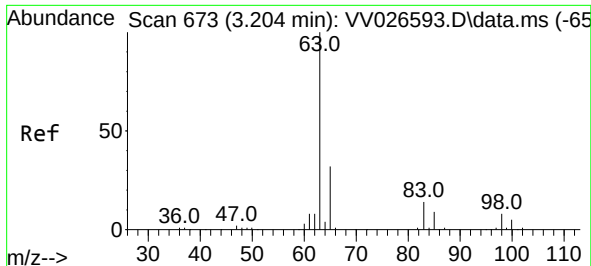
Tgt Ion: 96 Resp: 694904
Ion Ratio Lower Upper
96 100
61 127.5 88.4 164.2
98 63.7 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 205.046 ug/L
RT: 2.786 min Scan# 543
Delta R.T. 0.000 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

Tgt Ion: 73 Resp: 2114216
Ion Ratio Lower Upper
73 100
43 15.0 12.7 19.1
57 21.1 17.3 25.9





#19

1,1-Dichloroethane

Concen: 186.415 ug/L

RT: 3.201 min Scan# 61

Delta R.T. -0.003 min

Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

Instrument :

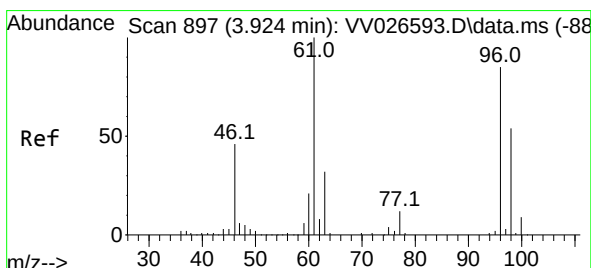
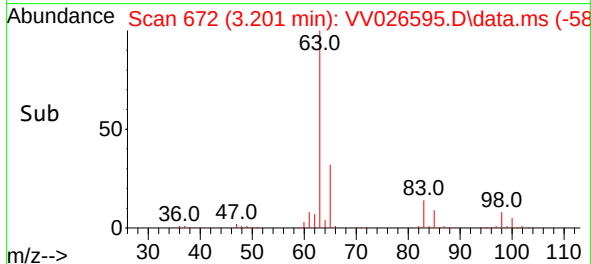
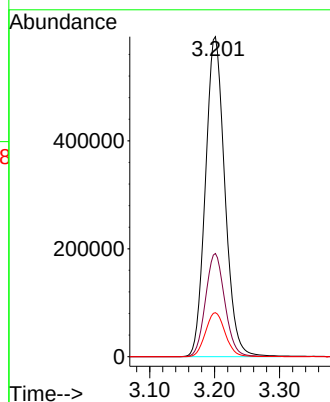
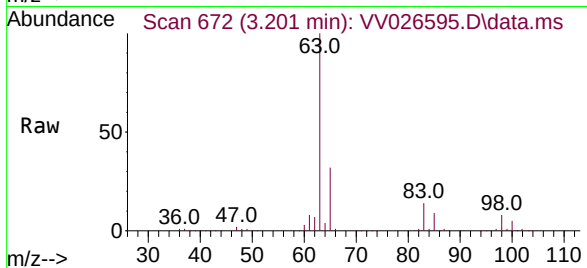
MSVOA_V

ClientSampleId :

VSTD200229

Tgt Ion: 63 Resp: 1233608

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.2	41.2
83	13.8	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 205.740 ug/L

RT: 3.921 min Scan# 896

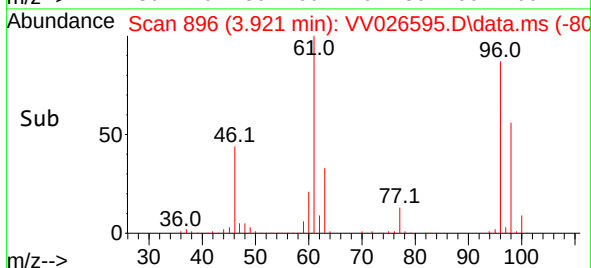
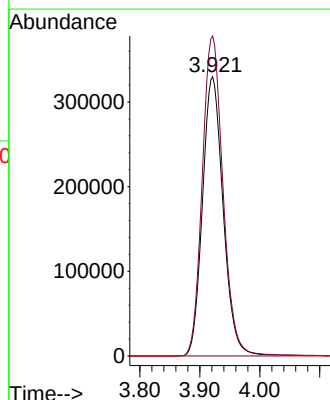
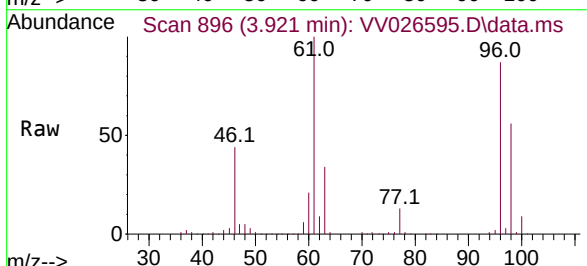
Delta R.T. -0.003 min

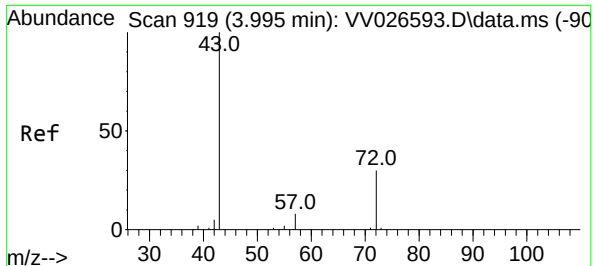
Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

Tgt Ion: 96 Resp: 790348

Ion	Ratio	Lower	Upper
96	100		
61	114.6	82.6	153.4
68	0.0	0.0	0.0

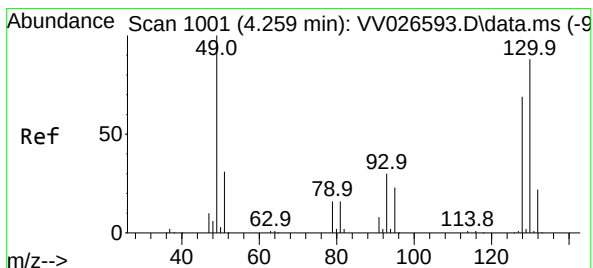
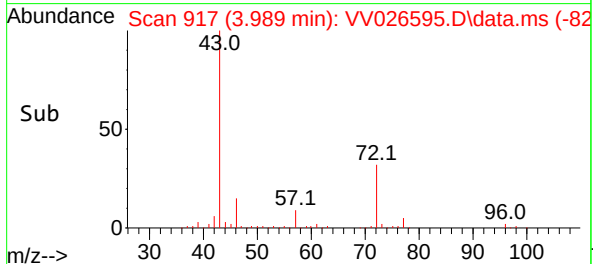
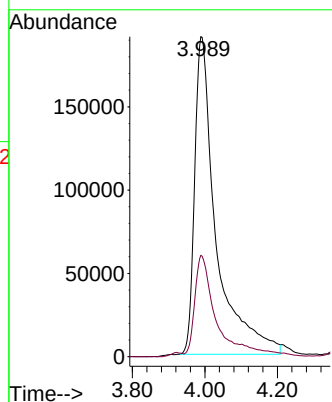
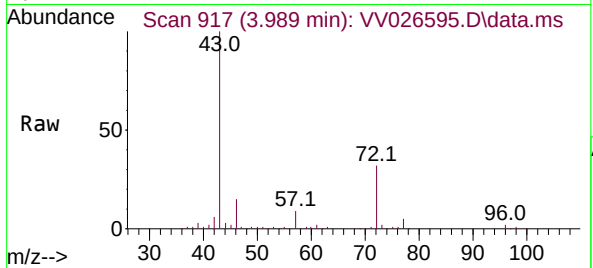




#22
2-Butanone
Concen: 362.148 ug/L
RT: 3.989 min Scan# 917
Delta R.T. -0.006 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

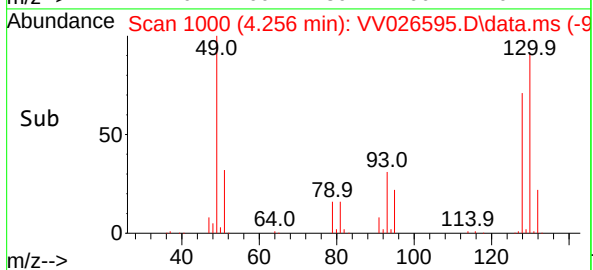
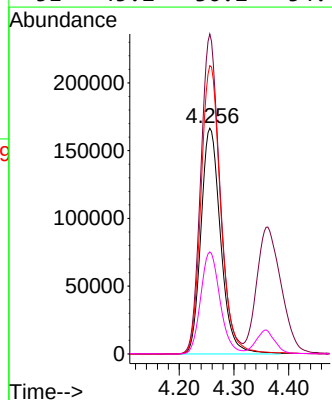
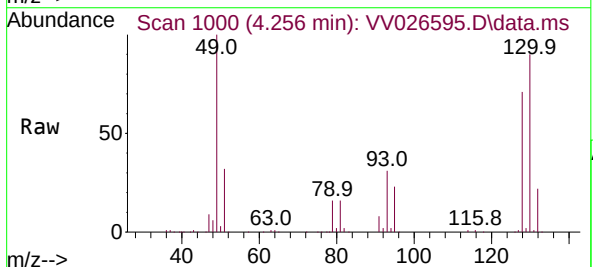
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

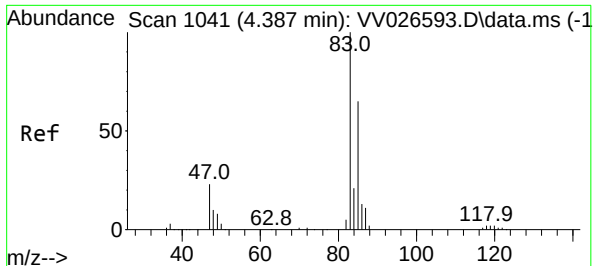
Tgt Ion: 43 Resp: 781341
Ion Ratio Lower Upper
43 100
72 26.2 14.2 42.8



#23
Bromochloromethane
Concen: 204.143 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

Tgt Ion:128 Resp: 414493
Ion Ratio Lower Upper
128 100
49 141.7 102.3 190.1
130 127.7 90.2 167.6
51 45.2 36.2 54.4

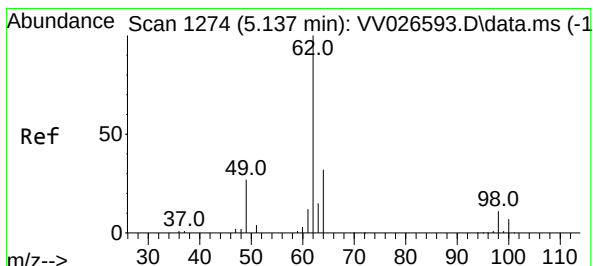
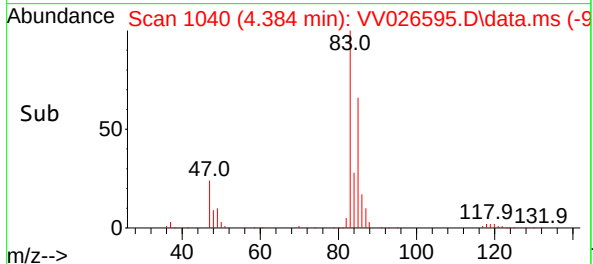
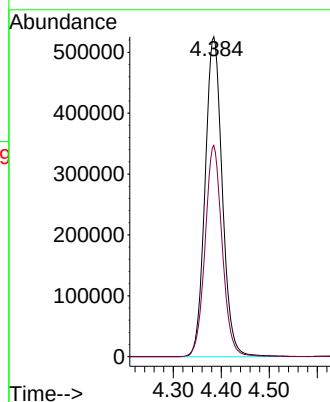
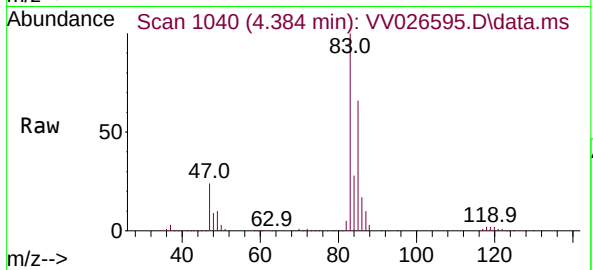




#25
Chloroform
Concen: 185.935 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

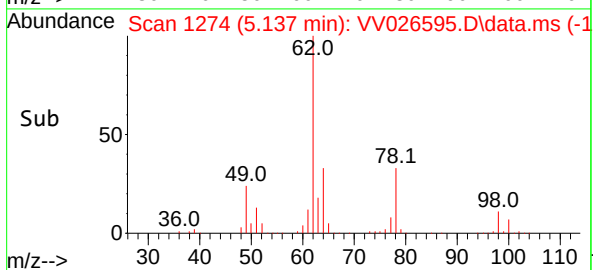
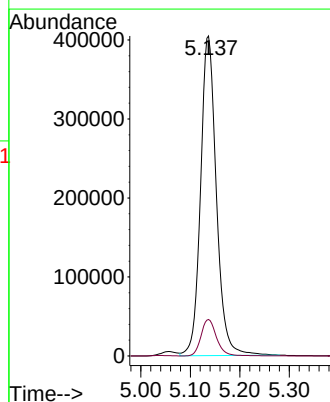
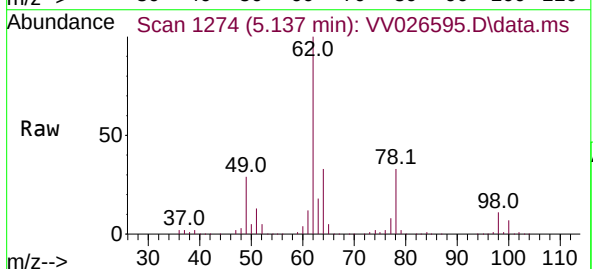
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

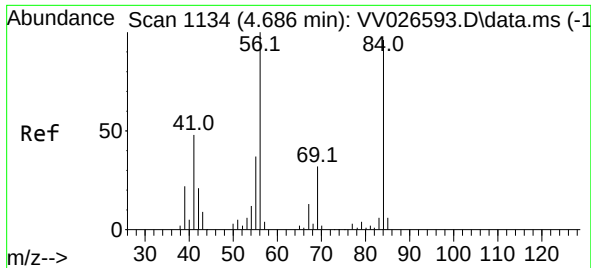
Tgt Ion: 83 Resp: 1307100
Ion Ratio Lower Upper
83 100
85 66.0 45.4 84.4



#27
1,2-Dichloroethane
Concen: 172.955 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

Tgt Ion: 62 Resp: 900970
Ion Ratio Lower Upper
62 100
98 11.4 8.8 13.2

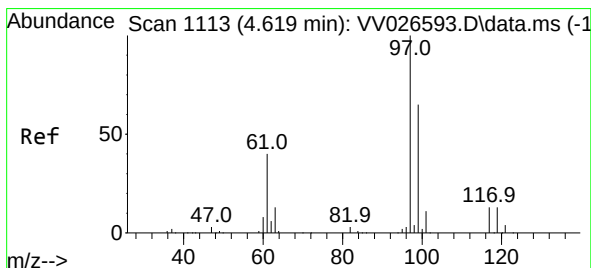
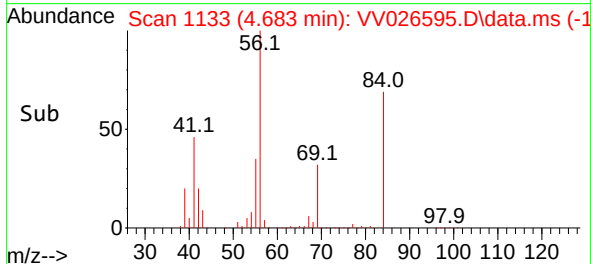
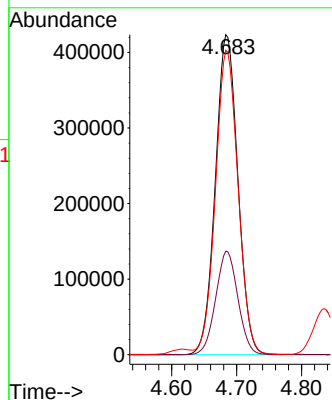
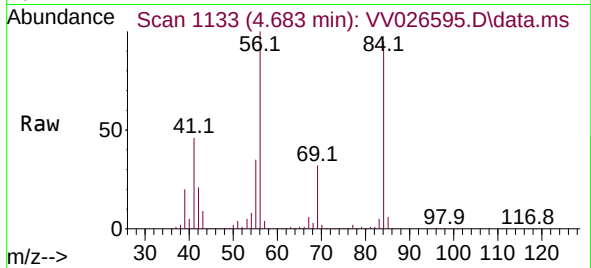




#29
Cyclohexane
Concen: 195.584 ug/L
RT: 4.683 min Scan# 1112
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

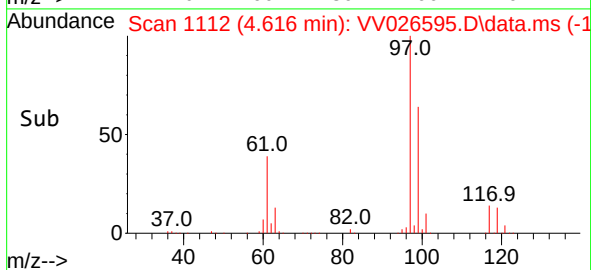
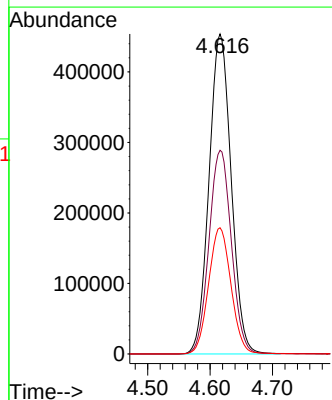
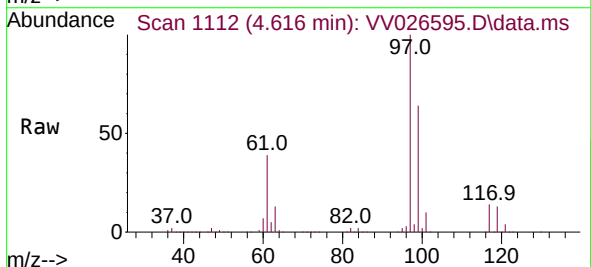
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

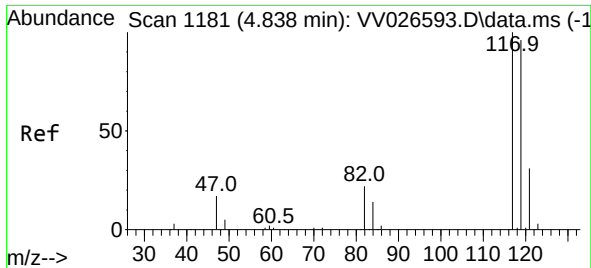
Tgt Ion: 56 Resp: 1017896
Ion Ratio Lower Upper
56 100
69 31.9 25.9 38.9
84 95.4 77.8 116.8



#30
1,1,1-Trichloroethane
Concen: 189.346 ug/L
RT: 4.616 min Scan# 1112
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

Tgt Ion: 97 Resp: 1120324
Ion Ratio Lower Upper
97 100
99 64.4 52.1 78.1
61 39.9 31.8 47.6

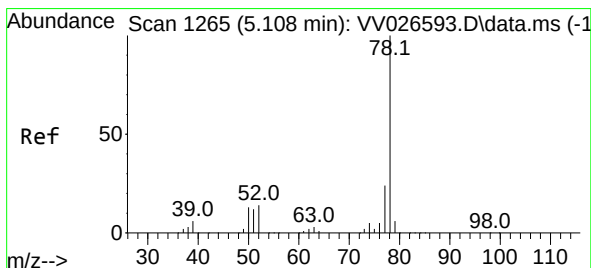
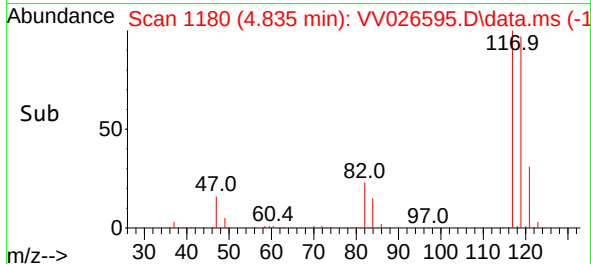
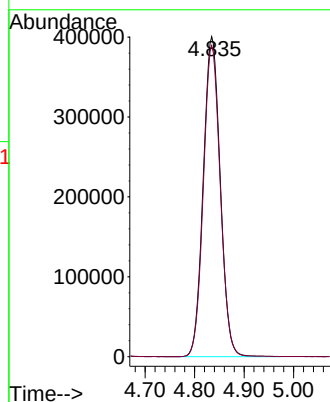
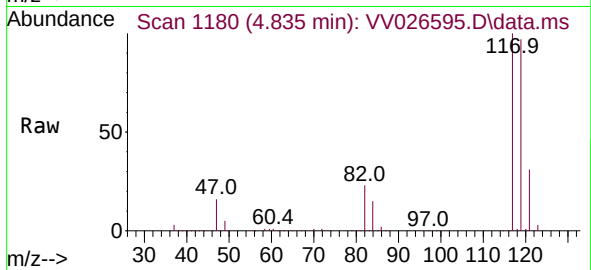




#31
Carbon tetrachloride
Concen: 191.762 ug/L
RT: 4.835 min Scan# 1181
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

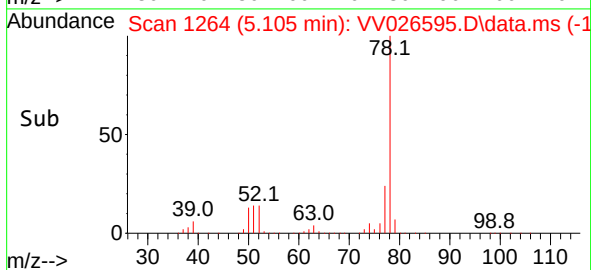
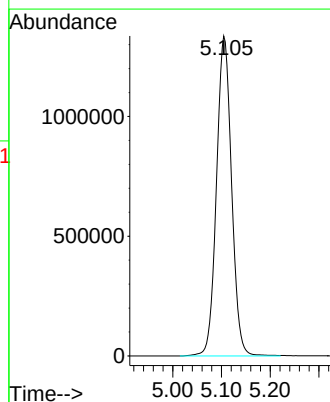
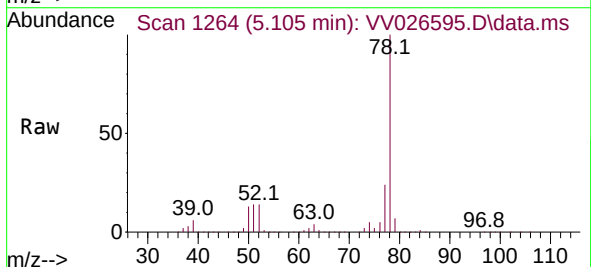
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

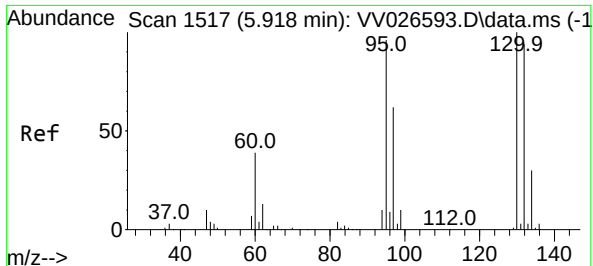
Tgt Ion:117 Resp: 953563
Ion Ratio Lower Upper
117 100
119 96.7 77.0 115.4



#33
Benzene
Concen: 196.020 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

Tgt Ion: 78 Resp: 2872658

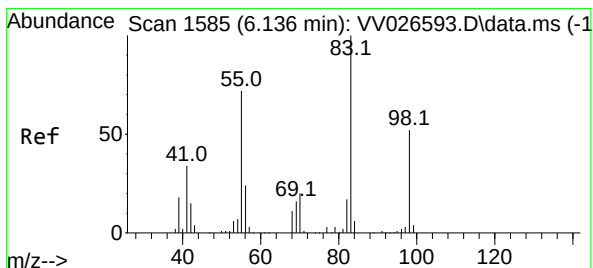
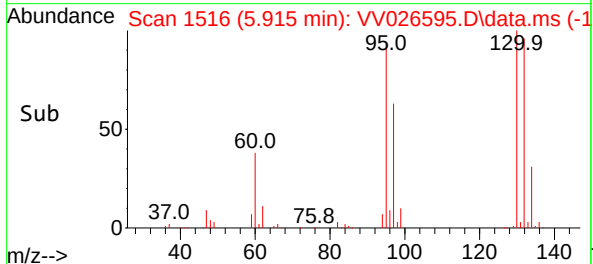
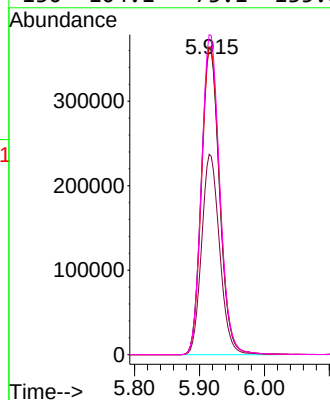
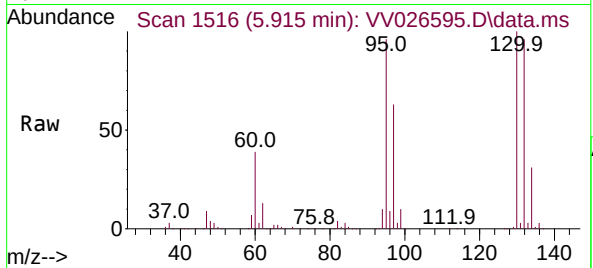




#34
Trichloroethene
Concen: 187.788 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

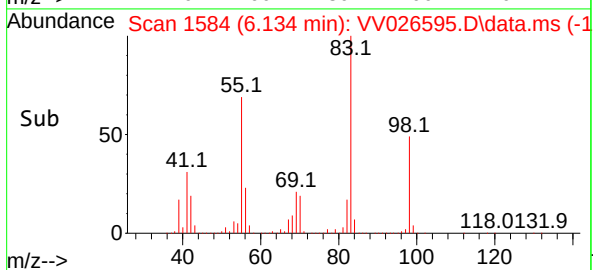
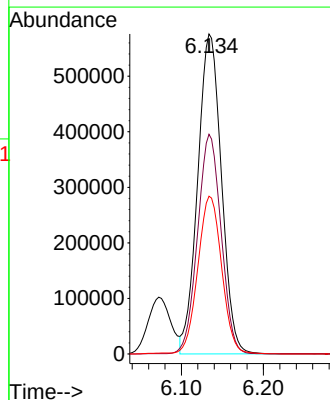
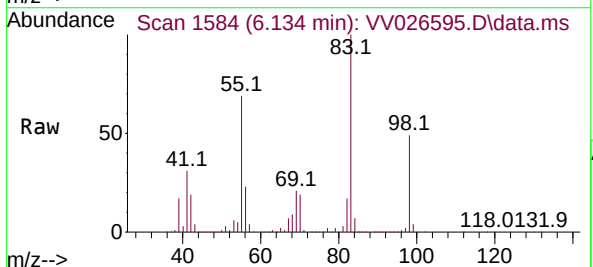
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

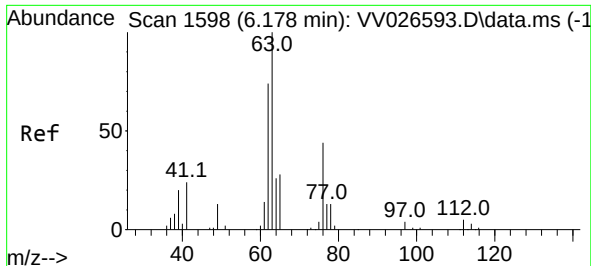
Tgt Ion: 95 Resp: 712420
Ion Ratio Lower Upper
95 100
97 65.2 45.0 83.6
132 100.1 69.0 128.2
130 104.1 73.1 135.8



#35
Methylcyclohexane
Concen: 201.216 ug/L
RT: 6.134 min Scan# 1584
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

Tgt Ion: 83 Resp: 1157369
Ion Ratio Lower Upper
83 100
55 68.2 55.6 83.4
98 49.5 39.8 59.6





#37

1,2-Dichloropropane

Concen: 202.831 ug/L

RT: 6.175 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

Instrument :

MSVOA_V

ClientSampleId :

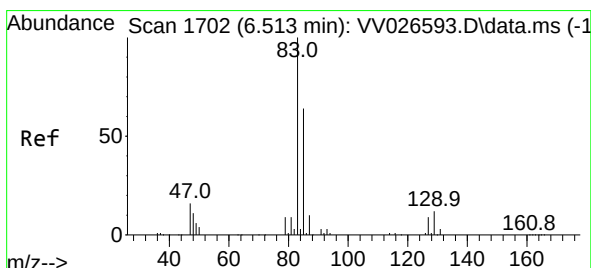
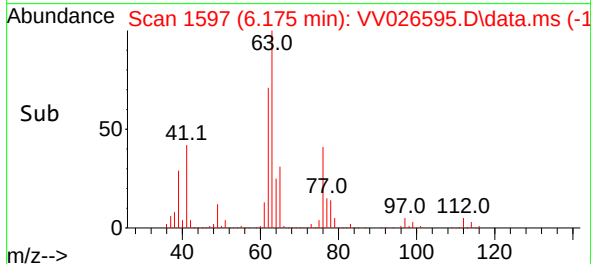
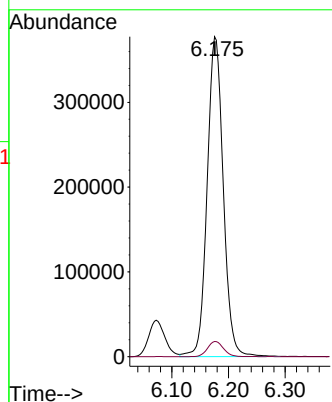
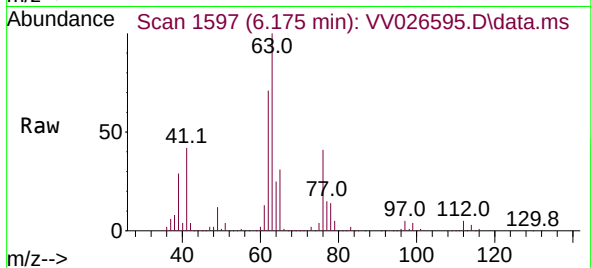
VSTD200229

Tgt Ion: 63 Resp: 744484

Ion Ratio Lower Upper

63 100

112 4.8 4.2 6.2



#38

Bromodichloromethane

Concen: 196.962 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

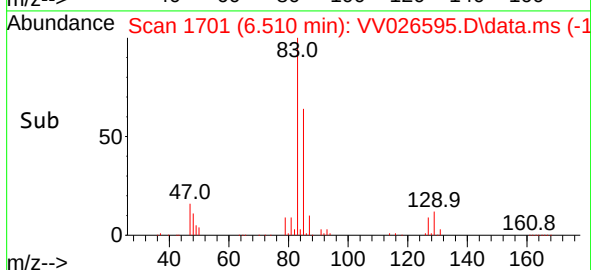
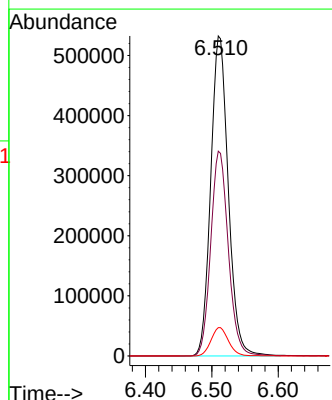
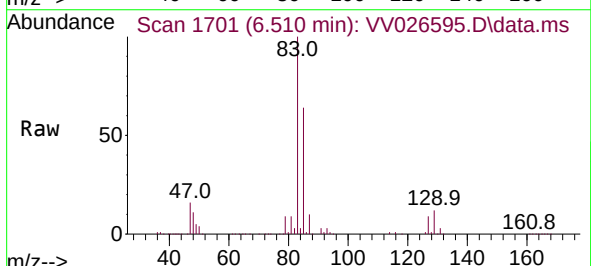
Tgt Ion: 83 Resp: 978420

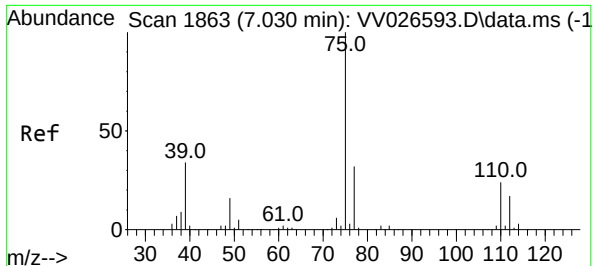
Ion Ratio Lower Upper

83 100

85 64.0 44.6 82.8

127 8.9 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 221.860 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.003 min

Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

Instrument :

MSVOA_V

ClientSampleId :

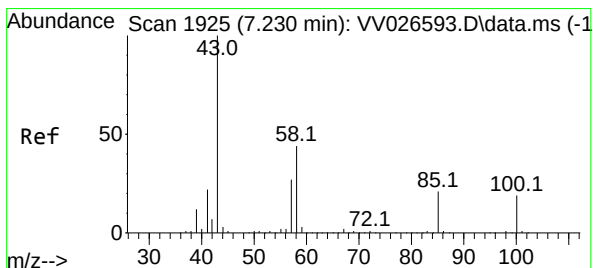
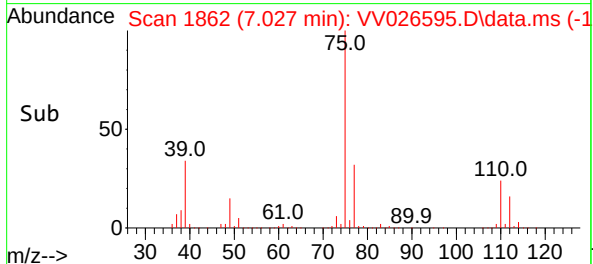
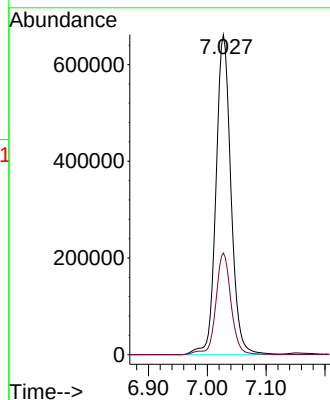
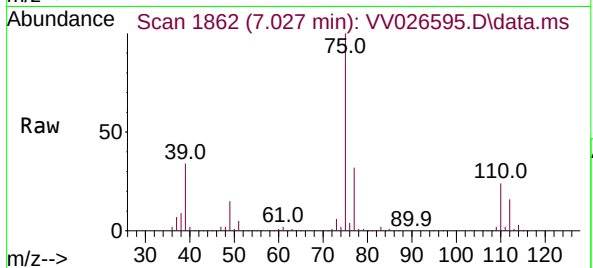
VSTD200229

Tgt Ion: 75 Resp: 1170769

Ion Ratio Lower Upper

75 100

77 31.8 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 381.298 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

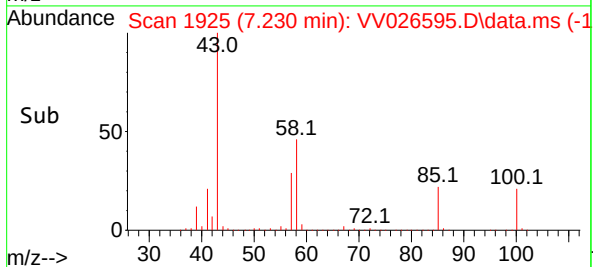
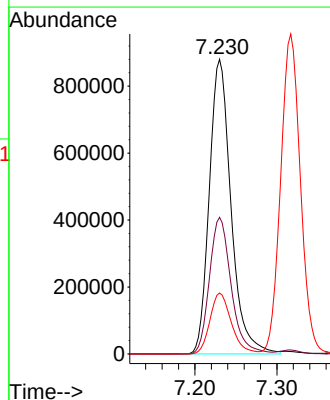
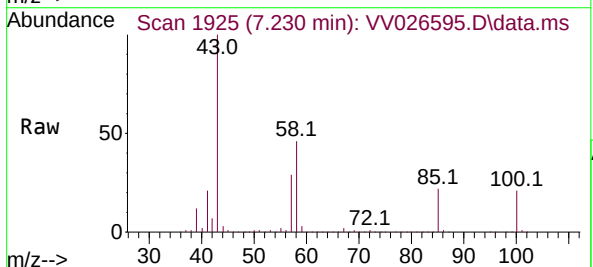
Tgt Ion: 43 Resp: 1617946

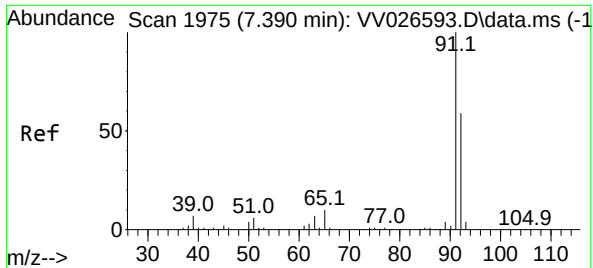
Ion Ratio Lower Upper

43 100

58 46.3 35.8 53.6

100 20.4 15.4 23.0

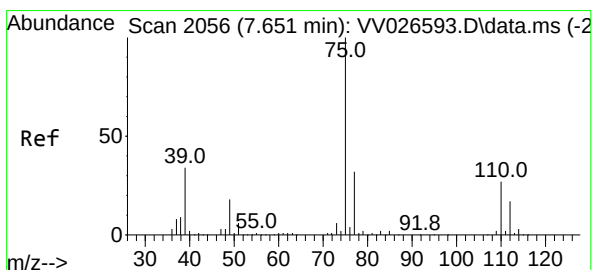
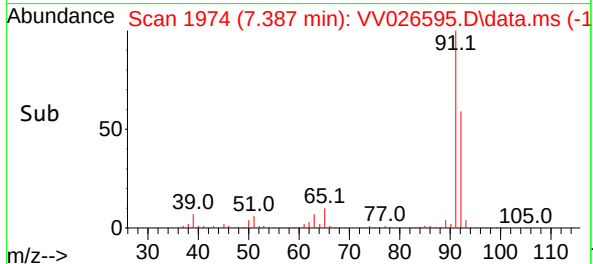
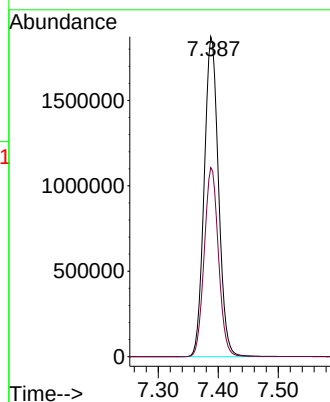
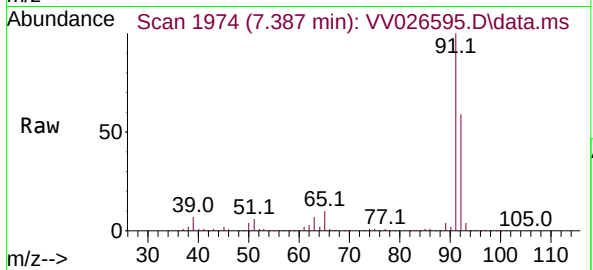




#42
Toluene
Concen: 197.963 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

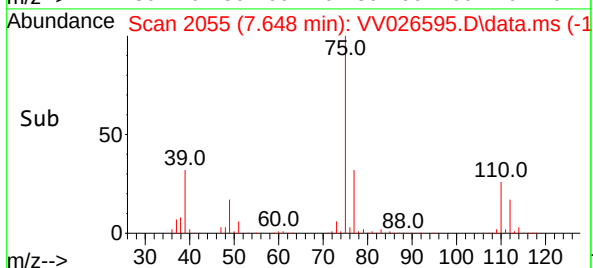
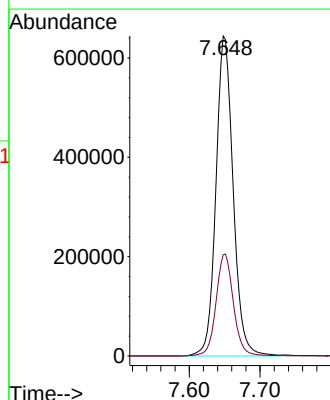
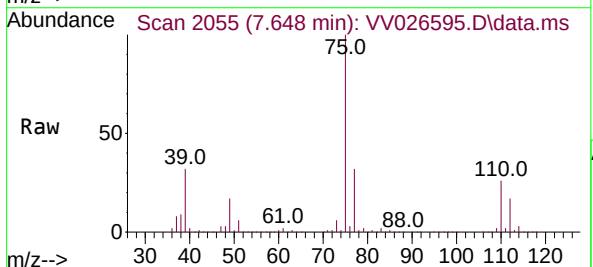
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

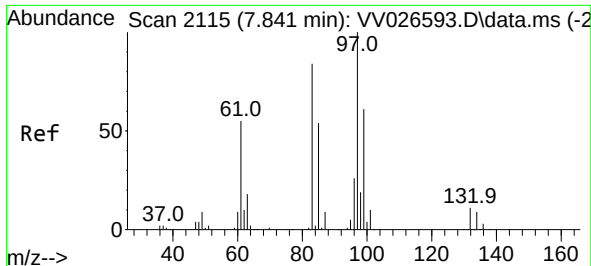
Tgt Ion: 91 Resp: 3113558
Ion Ratio Lower Upper
91 100
92 59.1 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 215.621 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

Tgt Ion: 75 Resp: 1087122
Ion Ratio Lower Upper
75 100
77 31.7 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 198.074 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD200229

Tgt Ion: 97 Resp: 747170

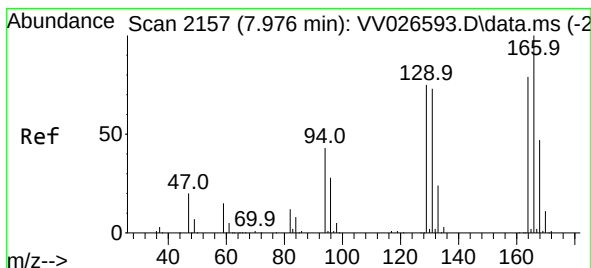
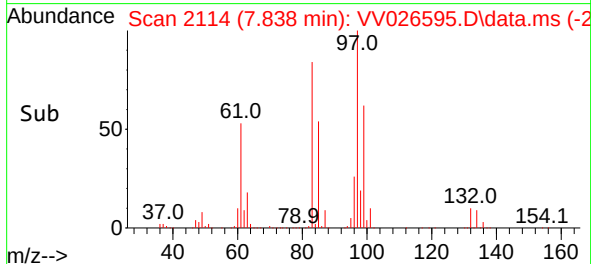
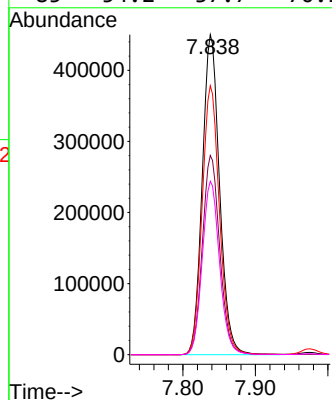
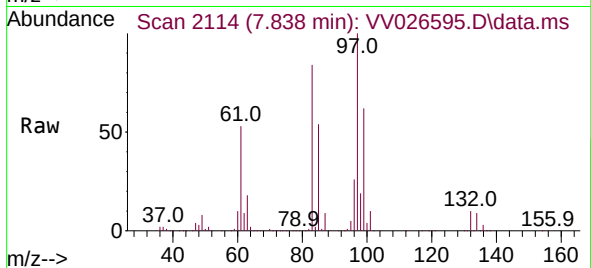
Ion Ratio Lower Upper

97 100

99 62.3 42.8 79.6

83 84.0 59.1 109.7

85 54.2 37.7 70.1



#46

Tetrachloroethene

Concen: 198.557 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

Tgt Ion:164 Resp: 566706

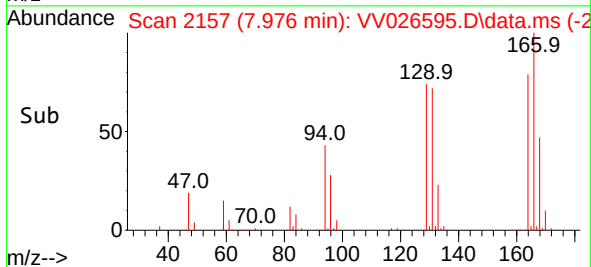
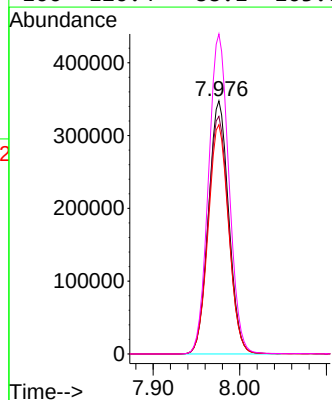
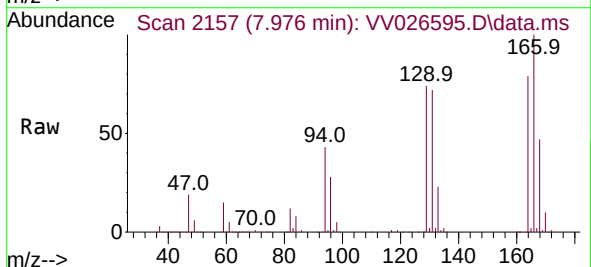
Ion Ratio Lower Upper

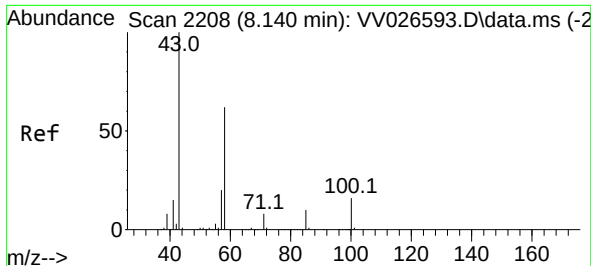
164 100

129 93.9 66.1 122.8

131 90.6 64.2 119.2

166 126.4 88.1 163.7

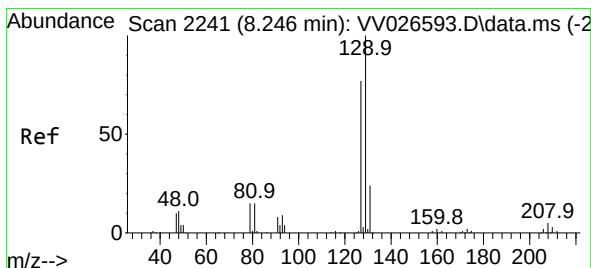
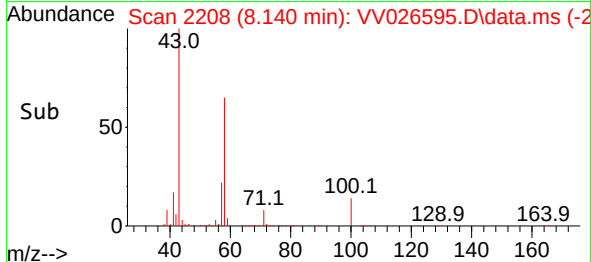
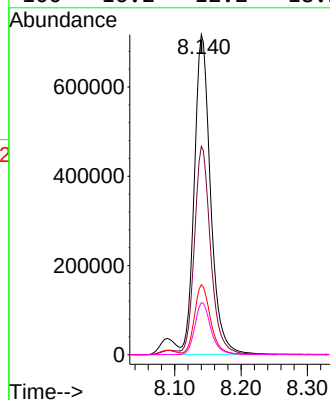
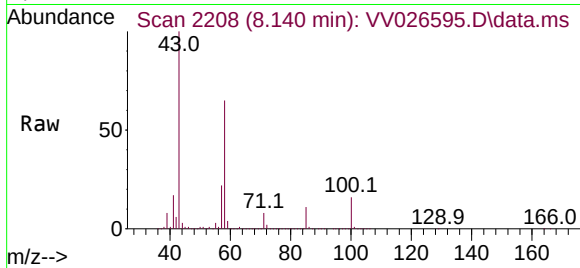




#48
2-Hexanone
Concen: 371.082 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

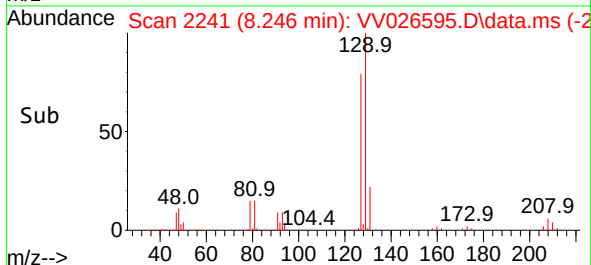
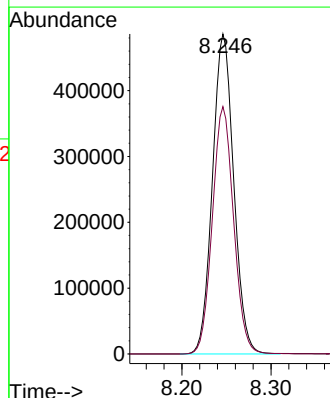
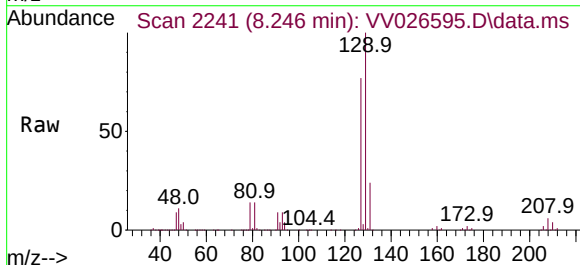
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

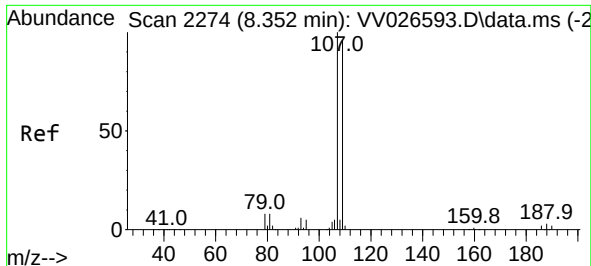
Tgt Ion: 43 Resp: 1218497
Ion Ratio Lower Upper
43 100
58 65.0 49.2 73.8
57 21.8 16.5 24.7
100 16.2 12.2 18.2



#49
Dibromochloromethane
Concen: 216.373 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

Tgt Ion: 129 Resp: 806277
Ion Ratio Lower Upper
129 100
127 77.3 54.1 100.5





#50

1,2-Dibromoethane

Concen: 201.770 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD200229

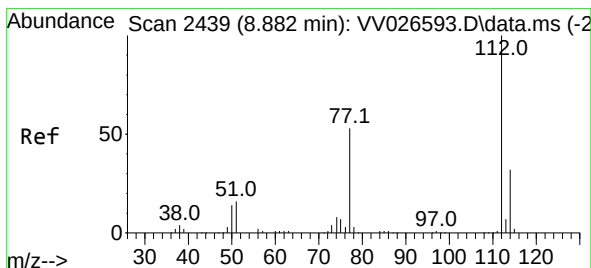
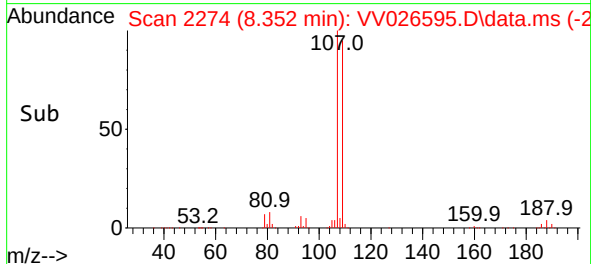
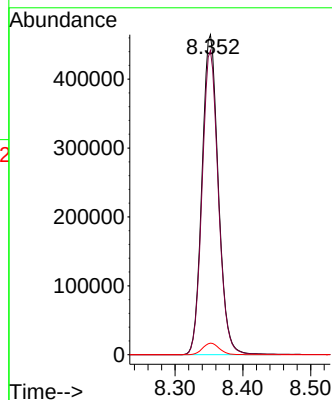
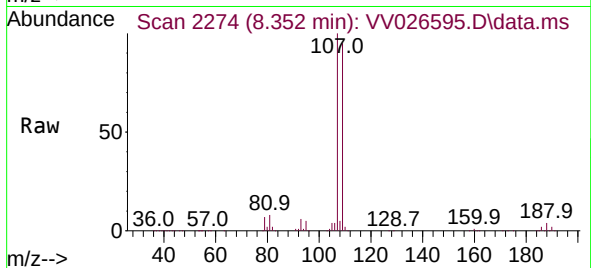
Tgt Ion:107 Resp: 776296

Ion Ratio Lower Upper

107 100

109 95.1 67.3 125.1

188 3.6 2.7 4.1



#51

Chlorobenzene

Concen: 199.247 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

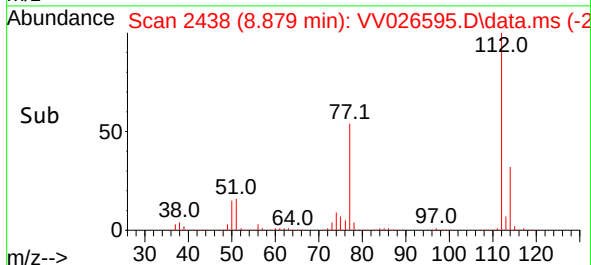
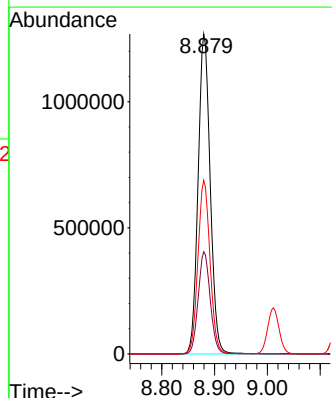
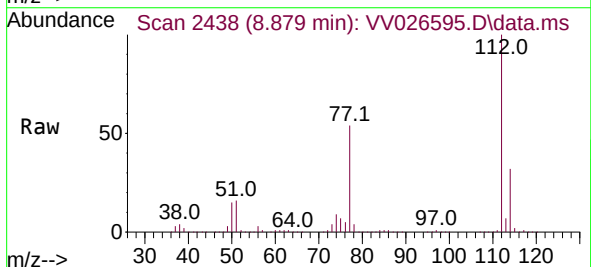
Tgt Ion:112 Resp: 2014081

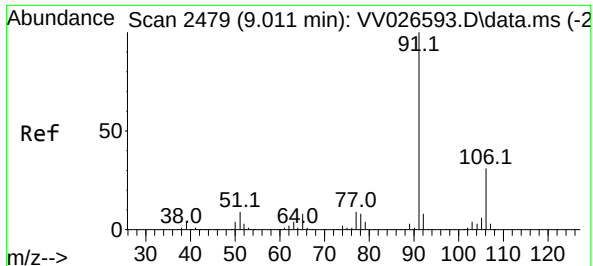
Ion Ratio Lower Upper

112 100

114 32.0 22.0 41.0

77 54.3 42.4 63.6

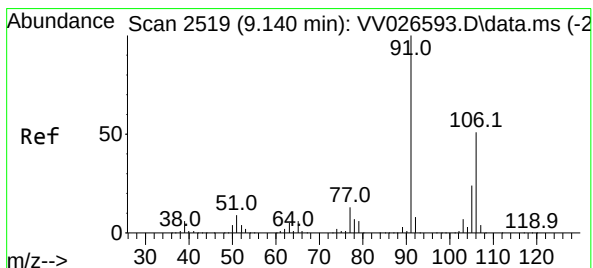
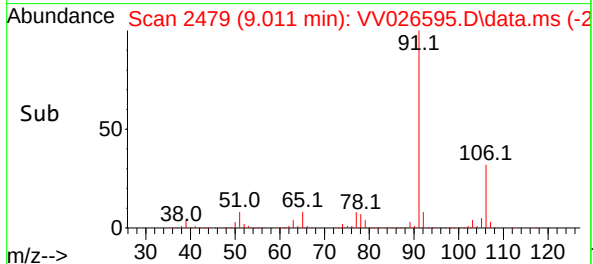
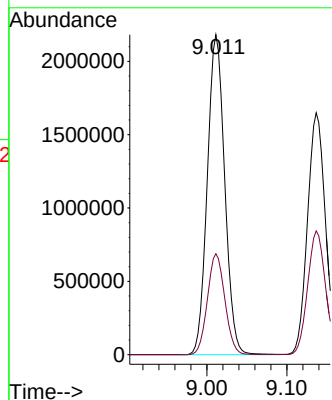
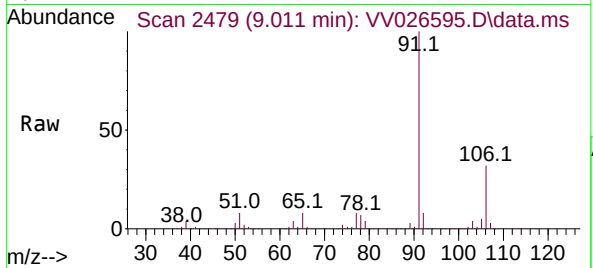




#52
Ethylbenzene
Concen: 204.038 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

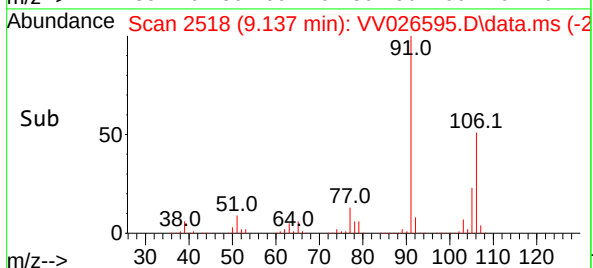
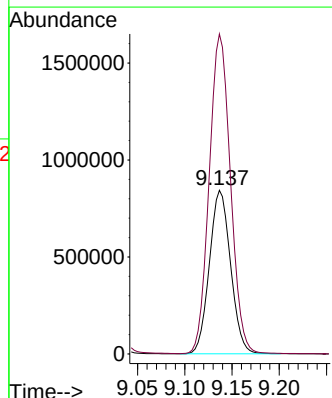
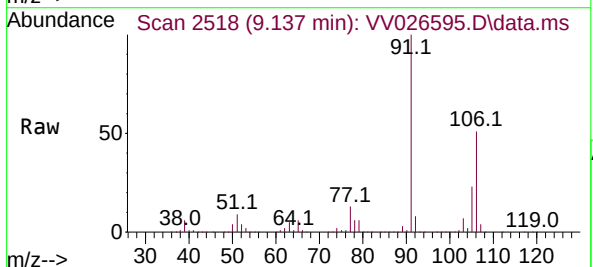
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

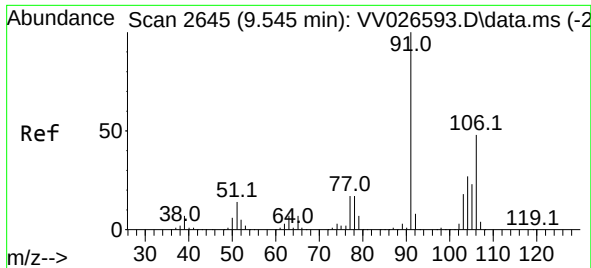
Tgt Ion: 91 Resp: 3304606
Ion Ratio Lower Upper
91 100
106 31.6 21.9 40.7



#53
m,p-Xylene
Concen: 208.371 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

Tgt Ion: 106 Resp: 1313595
Ion Ratio Lower Upper
106 100
91 195.4 136.5 253.5

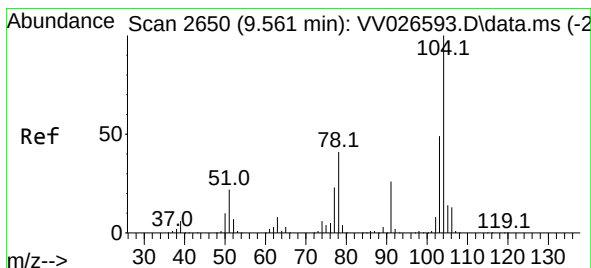
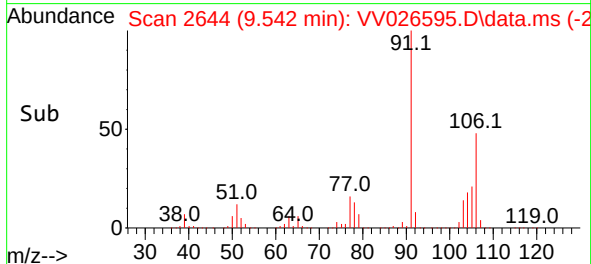
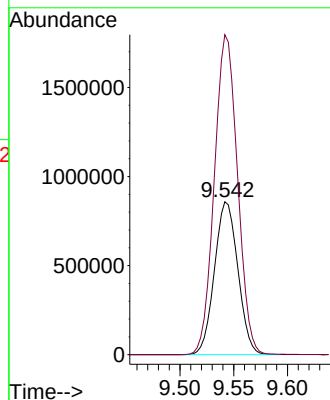
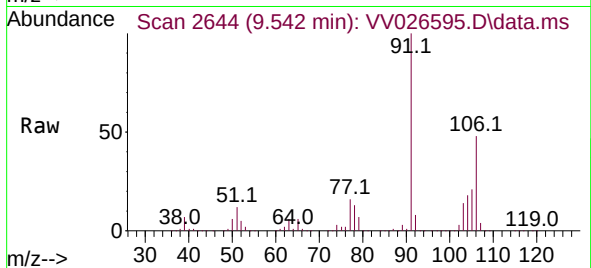




#54
o-Xylene
Concen: 210.319 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

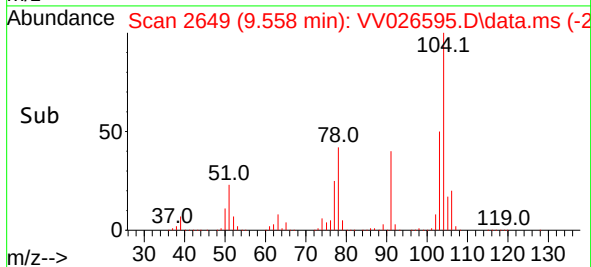
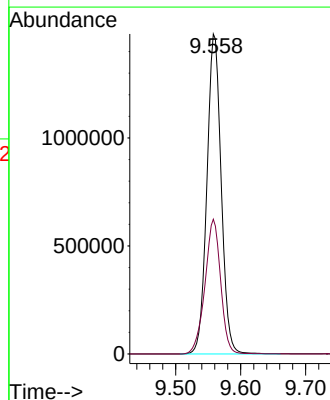
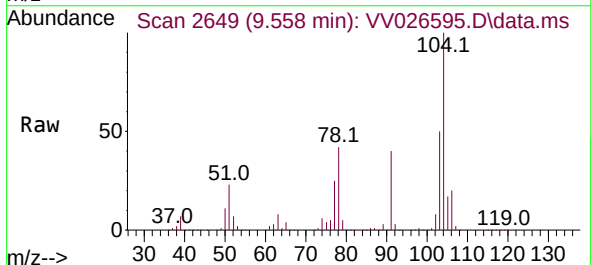
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

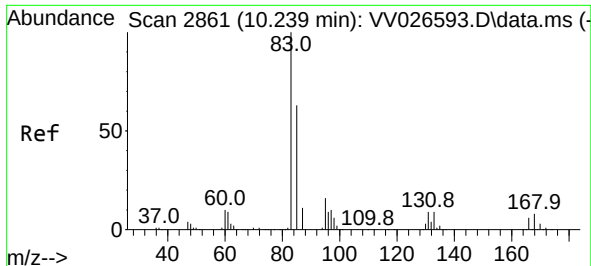
Tgt Ion:106 Resp: 1299437
Ion Ratio Lower Upper
106 100
91 209.2 145.3 269.9



#55
Styrene
Concen: 210.332 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

Tgt Ion:104 Resp: 2267998
Ion Ratio Lower Upper
104 100
78 42.1 28.5 52.9

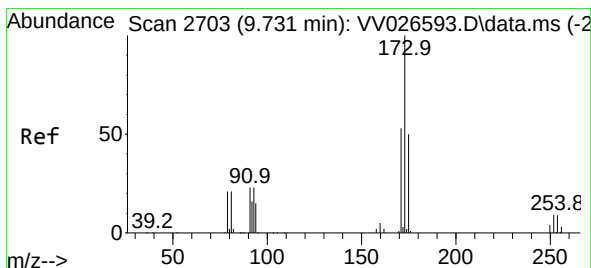
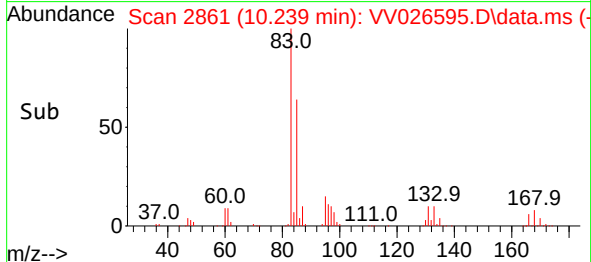
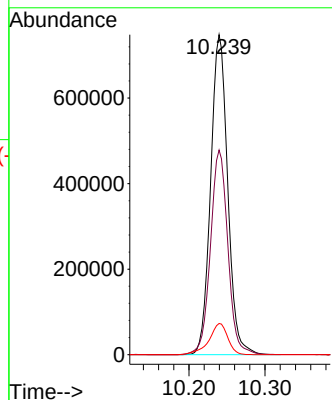
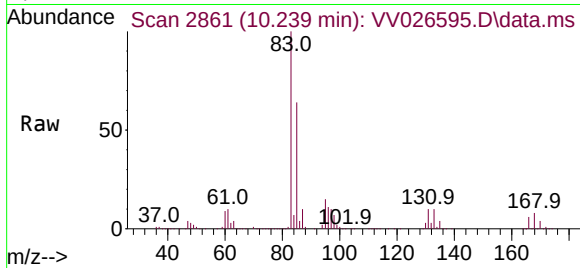




#57
1,1,2,2-Tetrachloroethane
Concen: 204.729 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

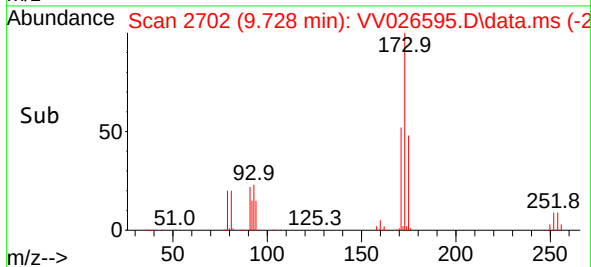
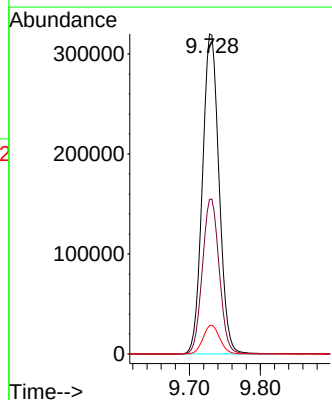
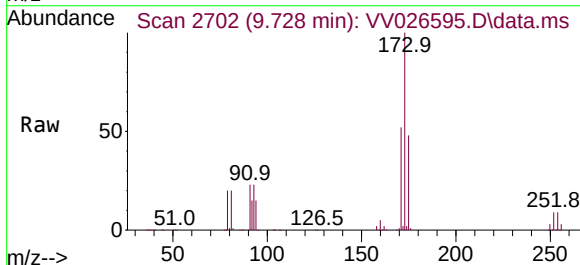
Instrument :
MSVOA_V
ClientSampleId :
VSTD200229

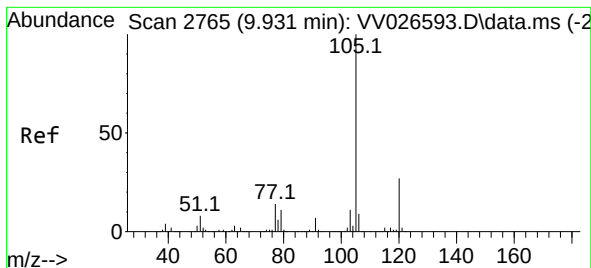
Tgt Ion: 83 Resp: 1164589
Ion Ratio Lower Upper
83 100
85 64.0 44.6 82.8
131 9.8 7.6 11.4



#59
Bromoform
Concen: 217.161 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV026595.D
Acq: 29 Jun 2022 19:41

Tgt Ion: 173 Resp: 521127
Ion Ratio Lower Upper
173 100
175 49.0 39.1 58.7
254 9.0 7.1 10.7





#60

Isopropylbenzene

Concen: 198.444 ug/L

RT: 9.931 min Scan# 2765

Delta R.T. 0.000 min

Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD200229

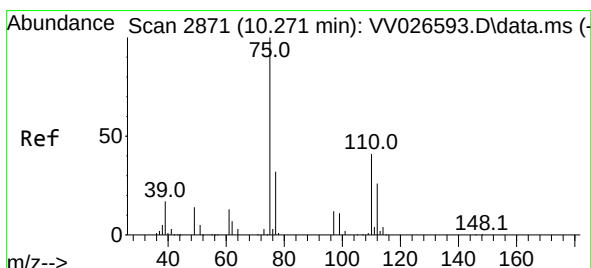
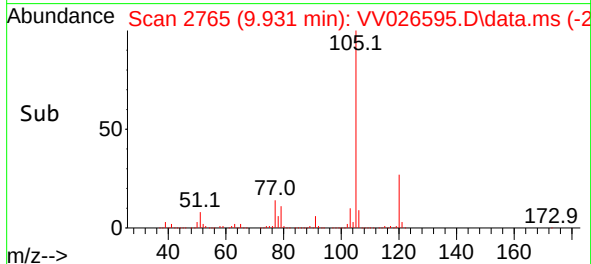
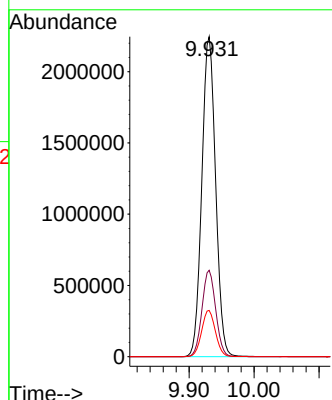
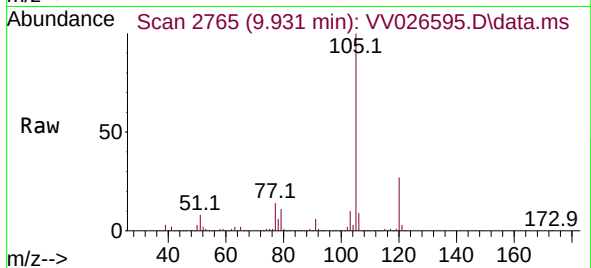
Tgt Ion:105 Resp: 3321633

Ion Ratio Lower Upper

105 100

120 26.9 21.2 31.8

77 14.5 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 170.551 ug/L

RT: 10.272 min Scan# 2871

Delta R.T. 0.000 min

Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

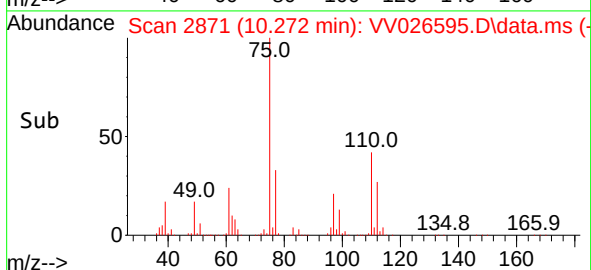
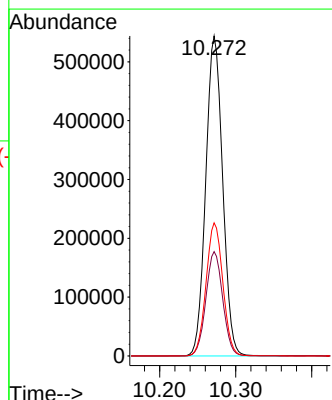
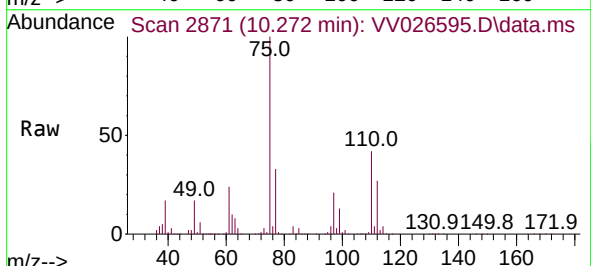
Tgt Ion: 75 Resp: 839274

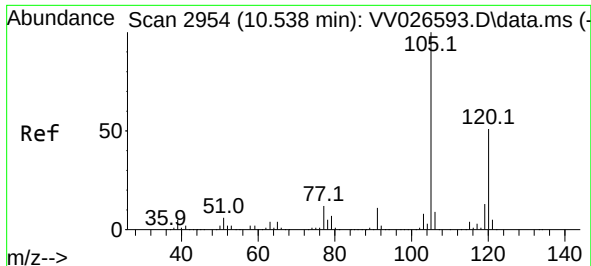
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

110 41.3 32.8 49.2





#62

1,3,5-Trimethylbenzene

Concen: 294.894 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

Instrument :

MSVOA_V

ClientSampleId :

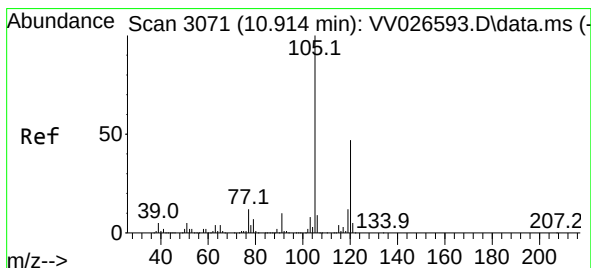
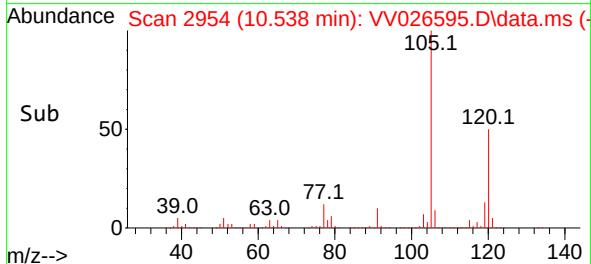
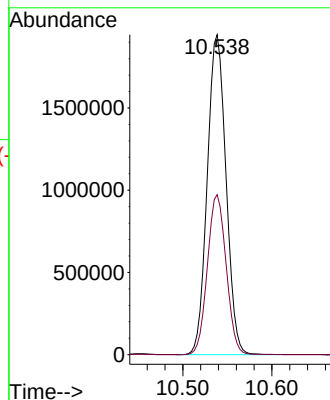
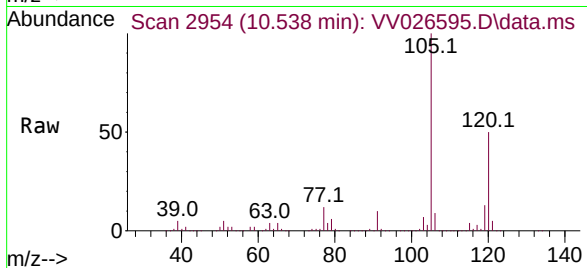
VSTD200229

Tgt Ion:105 Resp: 2834734

Ion Ratio Lower Upper

105 100

120 50.1 40.2 60.4



#63

1,2,4-Trimethylbenzene

Concen: 213.329 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV026595.D

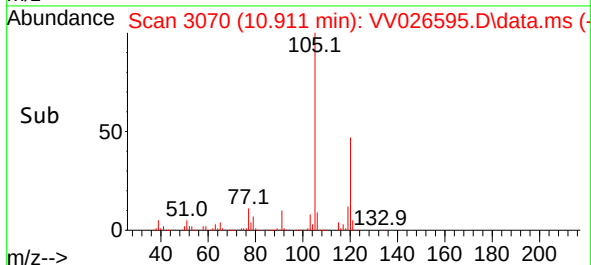
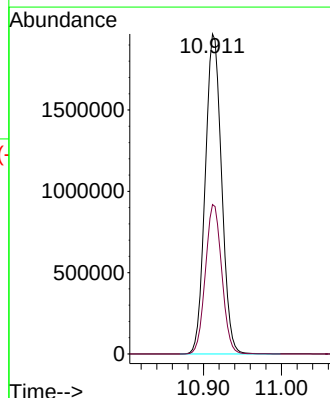
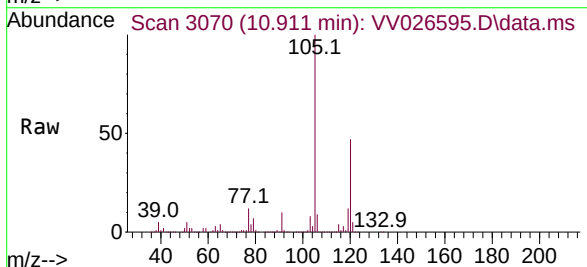
Acq: 29 Jun 2022 19:41

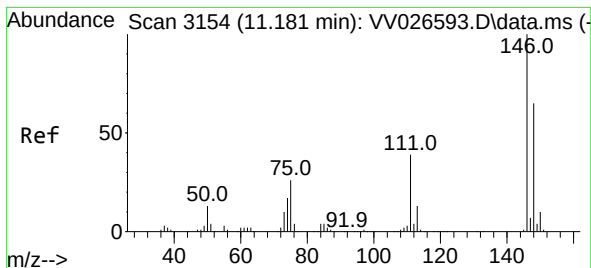
Tgt Ion:105 Resp: 2863249

Ion Ratio Lower Upper

105 100

120 46.8 37.5 56.3





#64

1,3-Dichlorobenzene

Concen: 198.269 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. -0.003 min

Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD200229

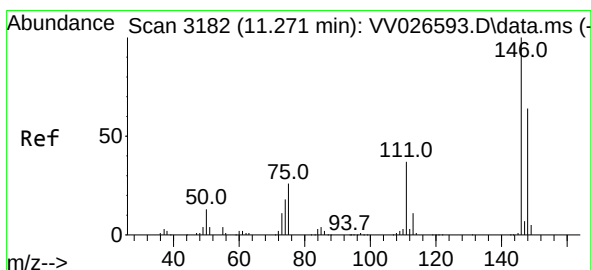
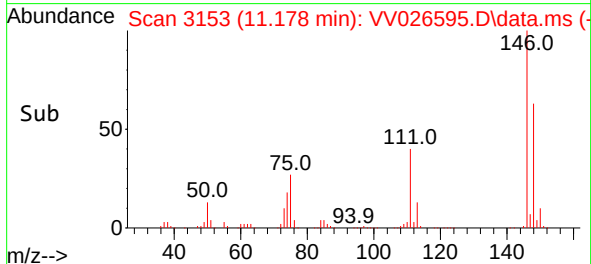
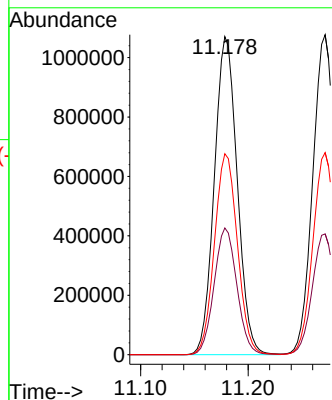
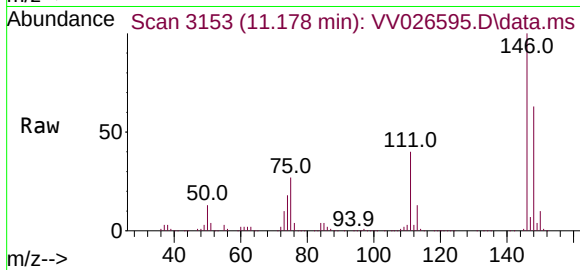
Tgt Ion:146 Resp: 1584248

Ion Ratio Lower Upper

146 100

111 39.8 27.4 51.0

148 63.2 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 192.777 ug/L

RT: 11.272 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

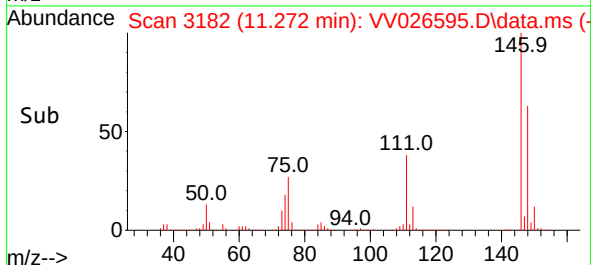
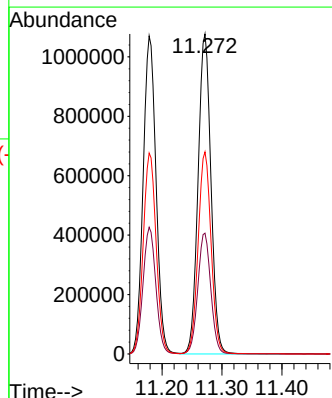
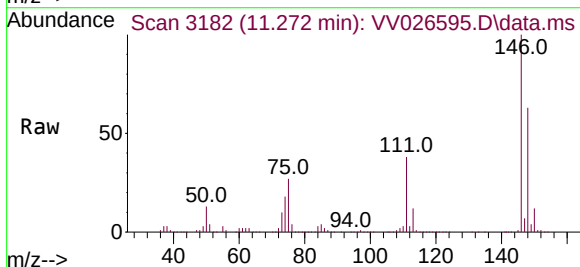
Tgt Ion:146 Resp: 1611481

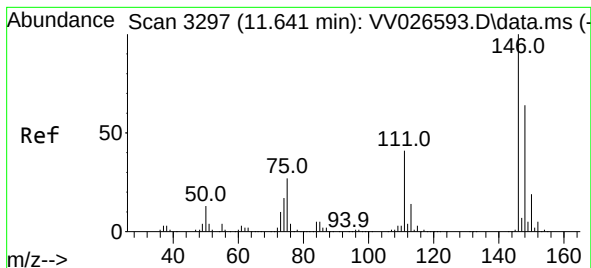
Ion Ratio Lower Upper

146 100

111 37.7 26.4 49.0

148 63.1 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 193.297 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD200229

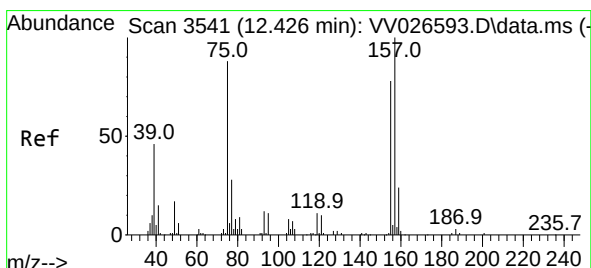
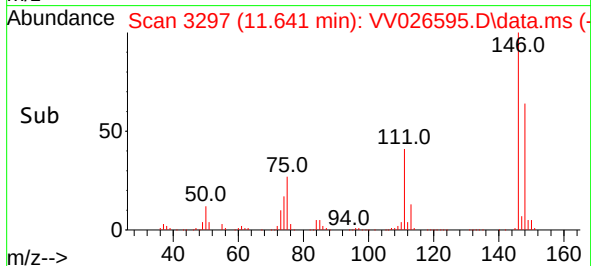
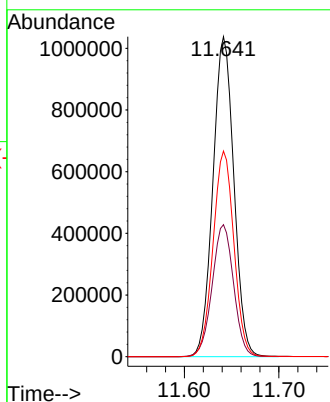
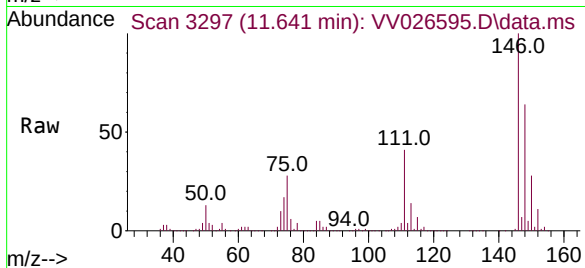
Tgt Ion:146 Resp: 1597118

Ion Ratio Lower Upper

146 100

111 41.3 32.8 49.2

148 64.3 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 193.689 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

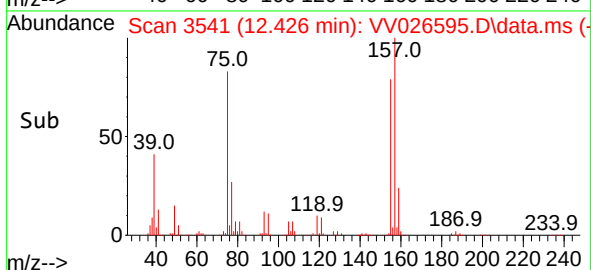
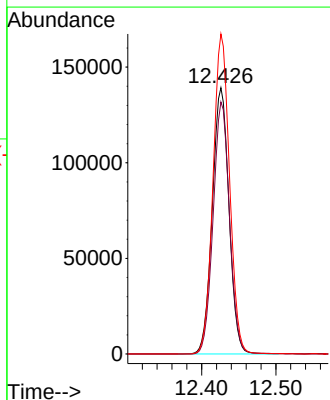
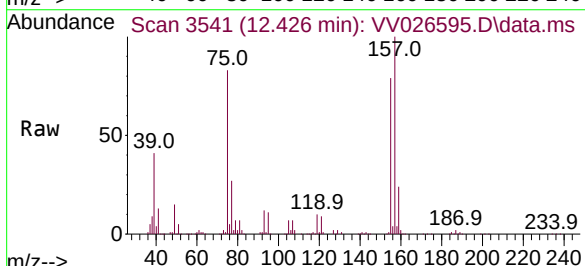
Tgt Ion: 75 Resp: 217270

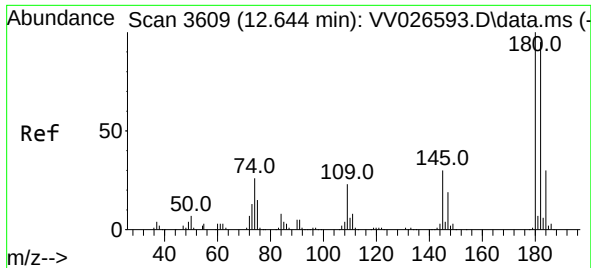
Ion Ratio Lower Upper

75 100

155 94.6 71.0 106.4

157 120.2 91.3 136.9

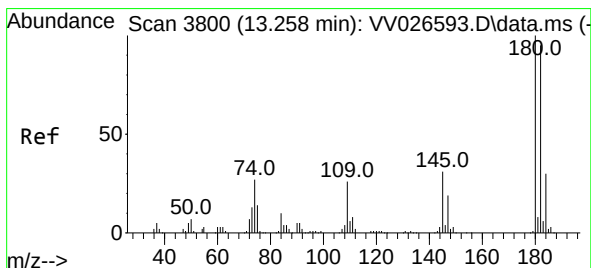
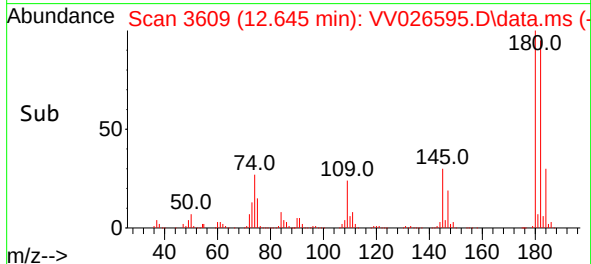
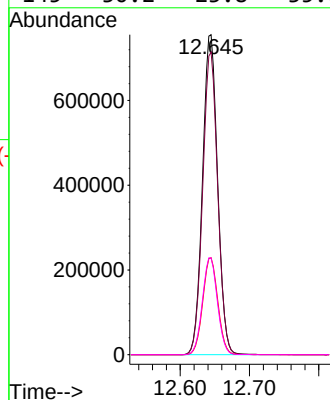
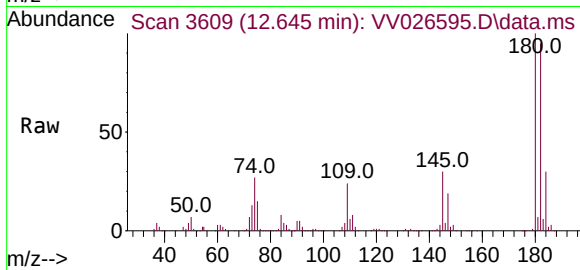




#69
 1,3,5-Trichlorobenzene
 Concen: 206.142 ug/L
 RT: 12.645 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV026595.D
 Acq: 29 Jun 2022 19:41

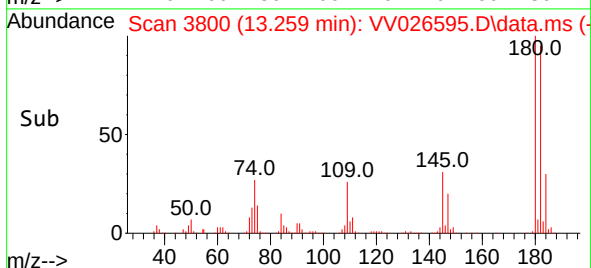
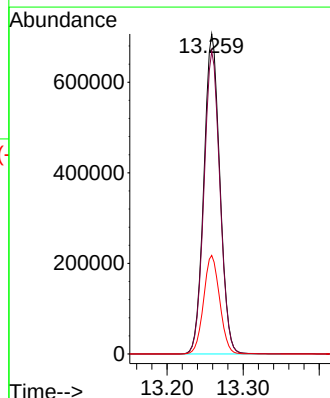
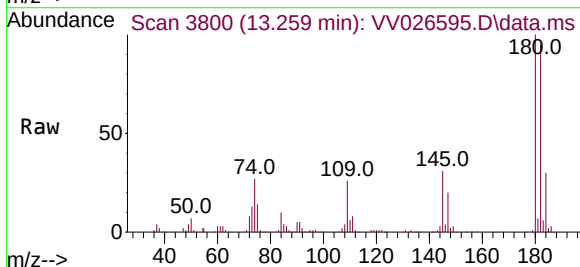
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200229

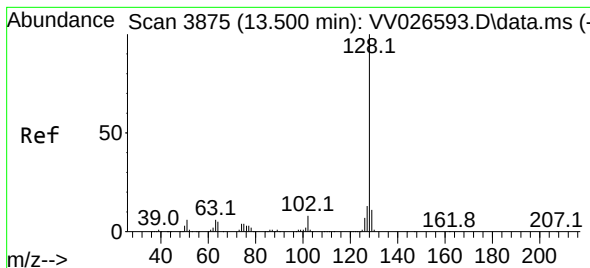
Tgt Ion:180 Resp: 1139042
 Ion Ratio Lower Upper
 180 100
 182 94.3 74.9 112.3
 184 30.2 23.5 35.3
 145 30.2 23.8 35.6



#70
 1,2,4-trichlorobenzene
 Concen: 219.690 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026595.D
 Acq: 29 Jun 2022 19:41

Tgt Ion:180 Resp: 1030778
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.9 113.9
 145 31.0 24.5 36.7





#71

Naphthalene

Concen: 223.294 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD200229

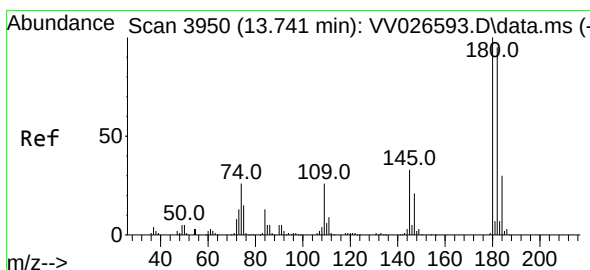
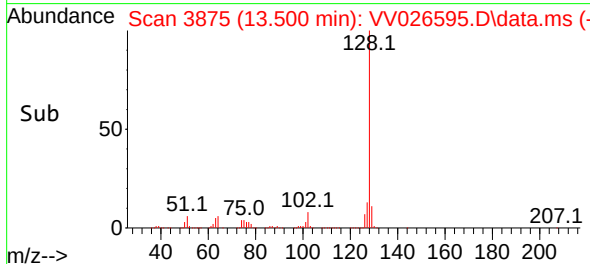
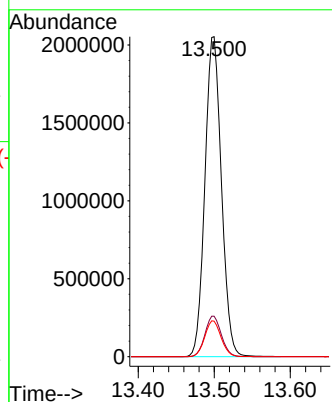
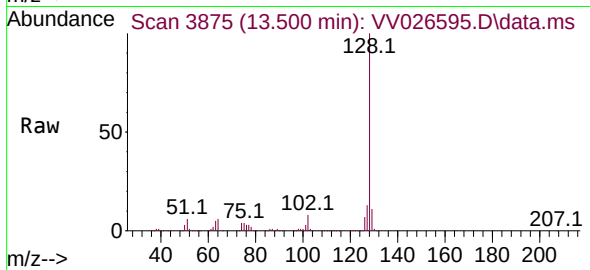
Tgt Ion:128 Resp: 3093036

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 208.857 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026595.D

Acq: 29 Jun 2022 19:41

Tgt Ion:180 Resp: 998816

Ion Ratio Lower Upper

180 100

182 94.9 76.1 114.1

145 33.1 26.3 39.5

