

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051222\
 Data File : VW025876.D
 Acq On : 12 May 2022 12:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050293

Quant Time: May 13 07:03:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 12 04:49:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	304052	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	306323	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	166011	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	153932	39.228	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.460%
7) Chloroethane-d5	1.568	69	127306	36.943	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.880%
11) 1,1-Dichloroethene-d2	2.108	63	289320	42.156	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.320%
21) 2-Butanone-d5	3.895	46	160494	95.424	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.420%
24) Chloroform-d	4.342	84	240843	43.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.880%
26) 1,2-Dichloroethane-d4	5.027	65	149742	45.205	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.420%
32) Benzene-d6	5.043	84	469338	43.950	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.900%
36) 1,2-Dichloropropane-d6	6.066	67	147702	45.033	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.060%
41) Toluene-d8	7.310	98	425893	43.285	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.580%
43) trans-1,3-Dichloroprop...	7.619	79	60730	41.479	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.960%
47) 2-Hexanone-d5	8.088	63	117890	98.038	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.040%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	207096	47.347	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.700%
66) 1,2-Dichlorobenzene-d4	11.622	152	160467	44.065	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	130067	41.375	ug/L	99
3) Chloromethane	1.240	50	183168	48.178	ug/L	99
5) Vinyl chloride	1.310	62	178535	46.190	ug/L	100
6) Bromomethane	1.523	94	108984	46.401	ug/L	99
8) Chloroethane	1.584	64	118509	41.054	ug/L	100
9) Trichlorofluoromethane	1.751	101	222694	40.541	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	117220	40.165	ug/L	99
12) 1,1-Dichloroethene	2.117	96	125619	43.764	ug/L	93
13) Acetone	2.195	43	112275	97.823	ug/L	99
14) Carbon disulfide	2.291	76	309313	43.566	ug/L	100
15) Methyl Acetate	2.436	43	126923	51.617	ug/L	99
16) Methylene chloride	2.503	84	138517	49.821	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	112000	45.416	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	391889	54.639	ug/L	100
19) 1,1-Dichloroethane	3.185	63	224831	48.810	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	125266	47.058	ug/L	100
22) 2-Butanone	3.982	43	154676	101.055	ug/L	95
23) Bromochloromethane	4.243	128	69441	49.388	ug/L	95
25) Chloroform	4.371	83	231823	47.494	ug/L	100

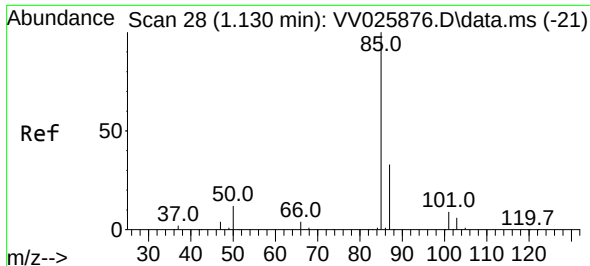
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051222\
 Data File : VV025876.D
 Acq On : 12 May 2022 12:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050293

Quant Time: May 13 07:03:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 12 04:49:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	184310	49.944	ug/L	99
29) Cyclohexane	4.674	56	154288	41.604	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	188039	45.200	ug/L	99
31) Carbon tetrachloride	4.825	117	153264	43.881	ug/L	100
33) Benzene	5.095	78	490406	47.546	ug/L	100
34) Trichloroethene	5.908	95	115299	42.739	ug/L	97
35) Methylcyclohexane	6.127	83	158583	39.249	ug/L	99
37) 1,2-Dichloropropane	6.169	63	131952	50.927	ug/L	100
38) Bromodichloromethane	6.506	83	171161	48.850	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	172206	46.607	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	339225	112.006	ug/L	100
42) Toluene	7.384	91	506090	45.739	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	164582	46.300	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	131180	49.828	ug/L	99
46) Tetrachloroethene	7.972	164	84379	42.402	ug/L	98
48) 2-Hexanone	8.136	43	265082	112.490	ug/L	99
49) Dibromochloromethane	8.243	129	128295	49.405	ug/L	99
50) 1,2-Dibromoethane	8.349	107	132501	49.492	ug/L	97
51) Chlorobenzene	8.879	112	318274	44.920	ug/L	99
52) Ethylbenzene	9.008	91	503359	44.094	ug/L	100
53) m,p-Xylene	9.136	106	196510	44.381	ug/L	100
54) o-Xylene	9.542	106	193608	44.513	ug/L	98
55) Styrene	9.558	104	351598	46.393	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	201217	51.226	ug/L	100
59) Bromoform	9.728	173	82830	51.723	ug/L	98
60) Isopropylbenzene	9.931	105	491272	44.179	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	164791	50.151	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	250411	43.688	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	399678	44.943	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	234758	44.600	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	242134	43.895	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	246917	45.353	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	39494	52.060	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	152005	41.824	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	135942	43.926	ug/L	99
71) Naphthalene	13.500	128	456245	49.779	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	146662	46.504	ug/L	100

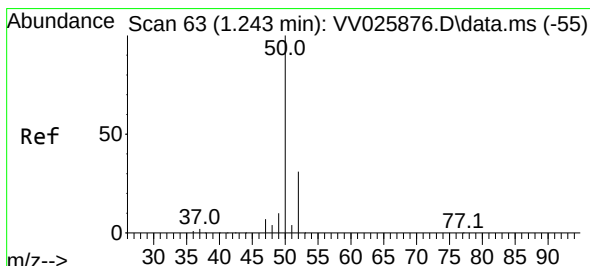
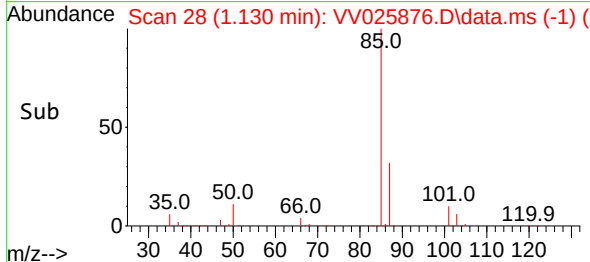
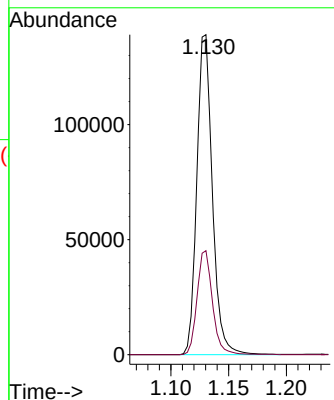
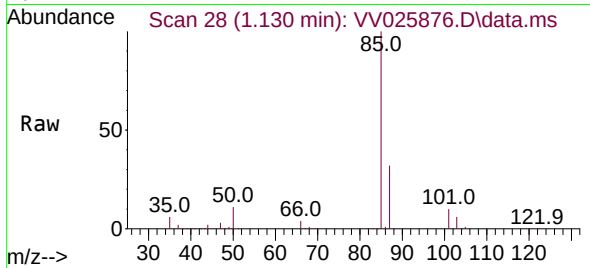
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 41.375 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV025876.D
 Acq: 12 May 2022 12:20

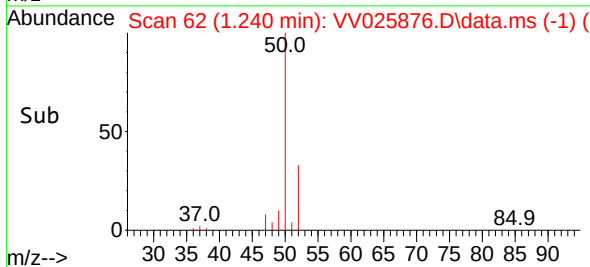
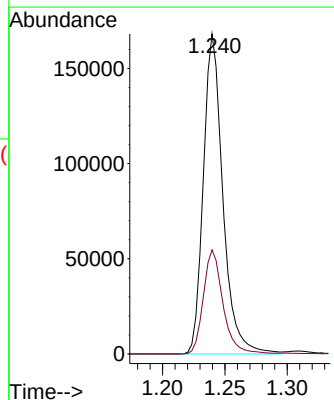
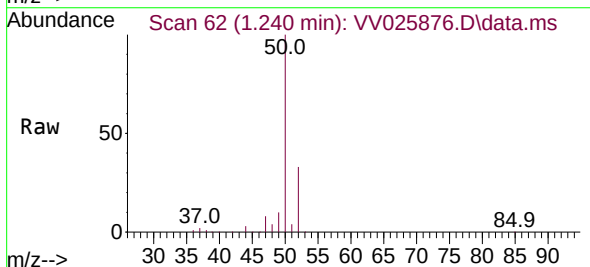
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050293

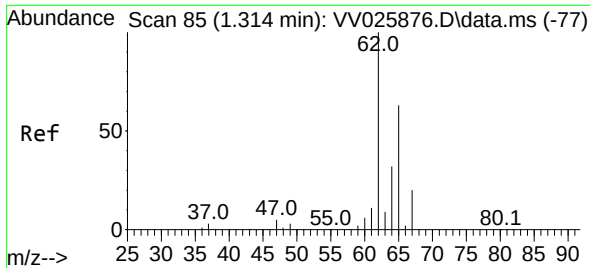
Tgt Ion: 85 Resp: 130067
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.0 39.0



#3
 Chloromethane
 Concen: 48.178 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV025876.D
 Acq: 12 May 2022 12:20

Tgt Ion: 50 Resp: 183168
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.2 43.2

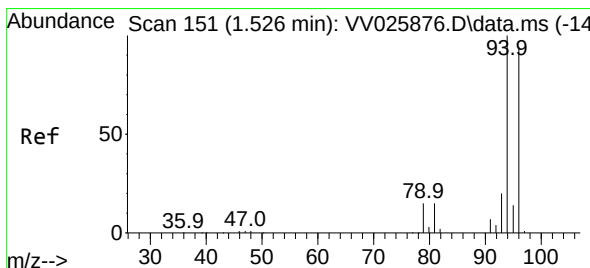
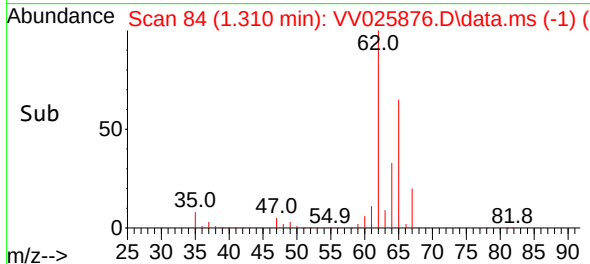
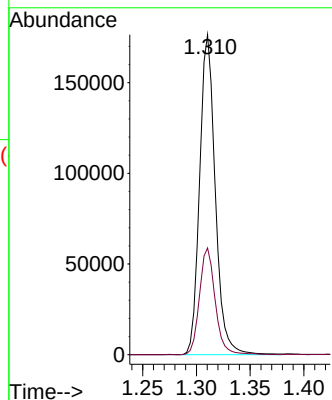
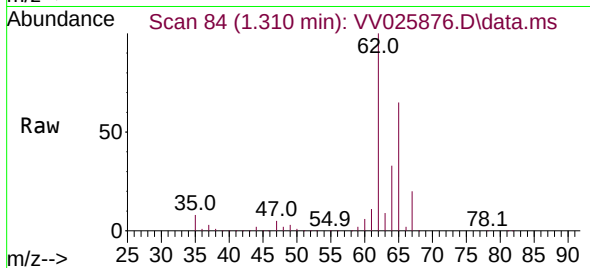




#5
 Vinyl chloride
 Concen: 46.190 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV025876.D
 Acq: 12 May 2022 12:20

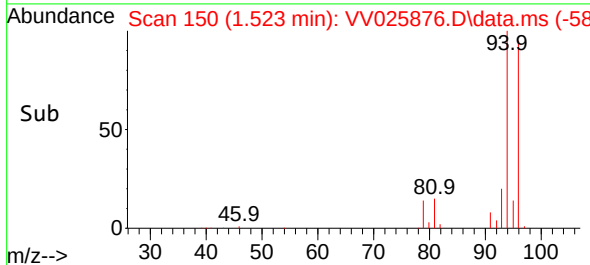
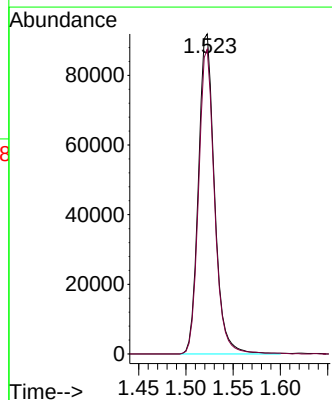
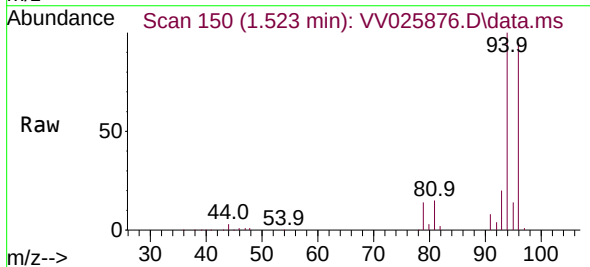
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050293

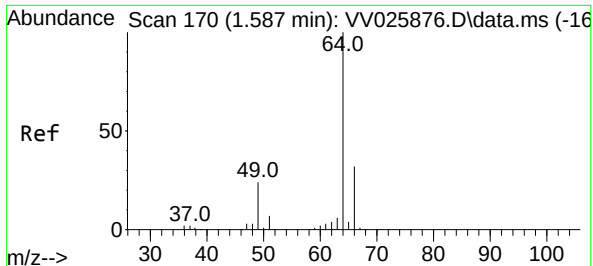
Tgt Ion: 62 Resp: 178535
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.2 43.0



#6
 Bromomethane
 Concen: 46.401 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV025876.D
 Acq: 12 May 2022 12:20

Tgt Ion: 94 Resp: 108984
 Ion Ratio Lower Upper
 94 100
 96 95.2 65.9 122.3

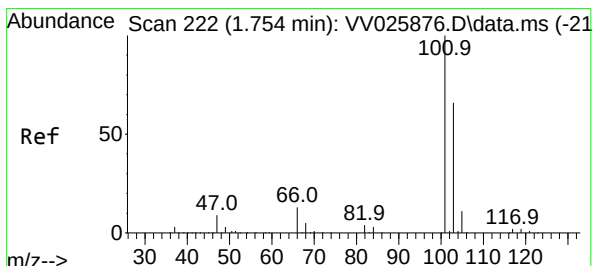
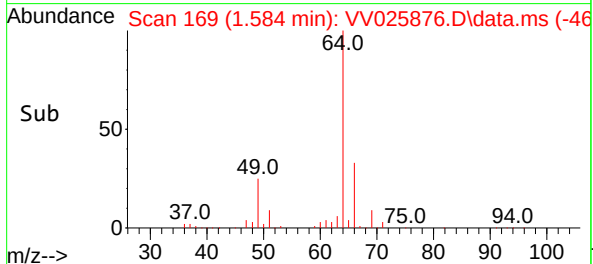
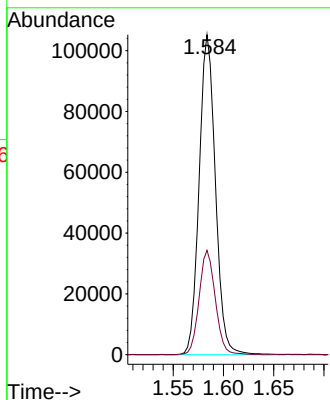
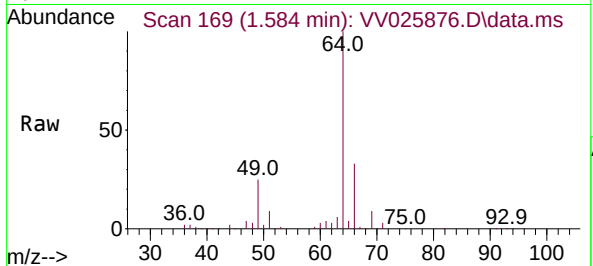




#8
Chloroethane
Concen: 41.054 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

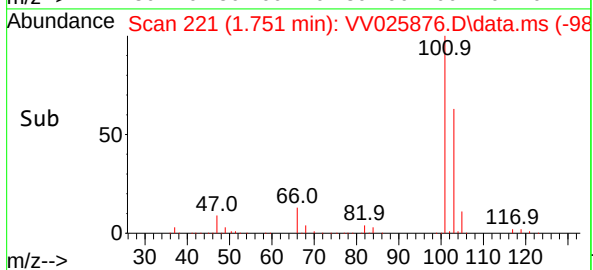
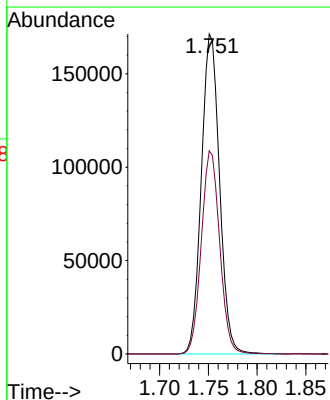
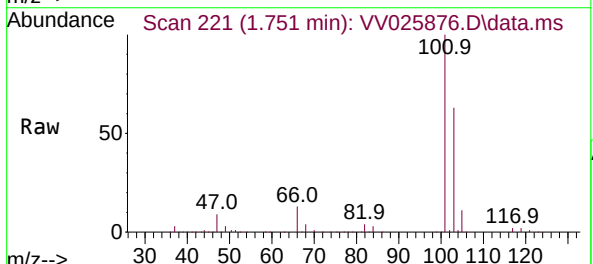
Instrument :
MSVOA_V
ClientSampleId :
VSTD050293

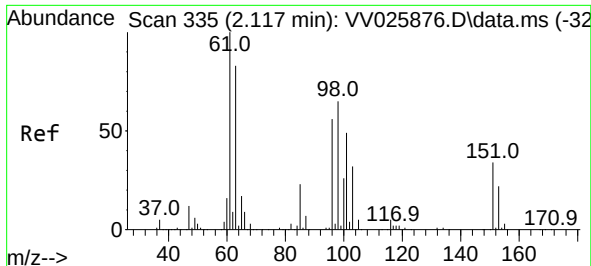
Tgt Ion: 64 Resp: 118509
Ion Ratio Lower Upper
64 100
66 32.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 40.541 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

Tgt Ion:101 Resp: 222694
Ion Ratio Lower Upper
101 100
103 64.1 51.5 77.3

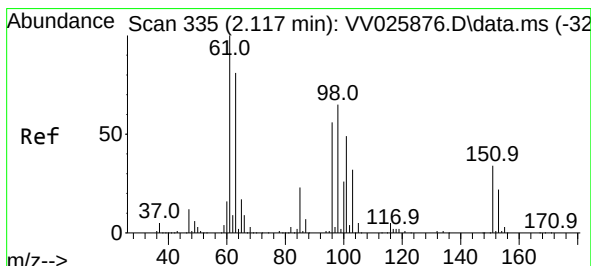
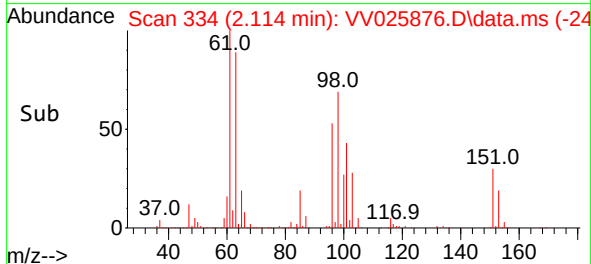
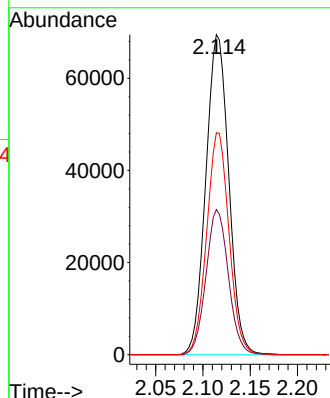
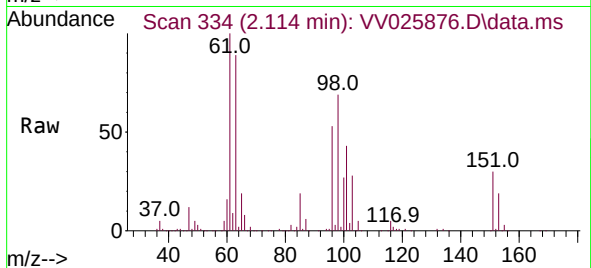




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 40.165 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV025876.D
 Acq: 12 May 2022 12:20

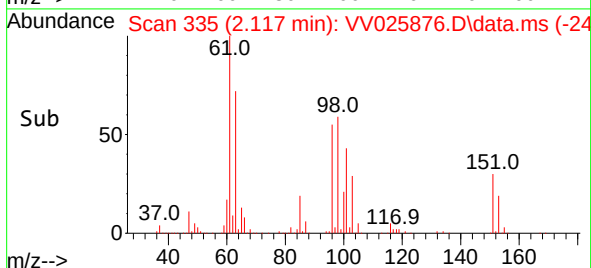
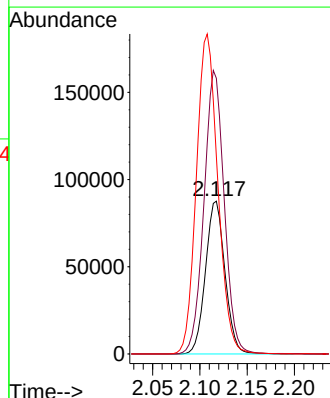
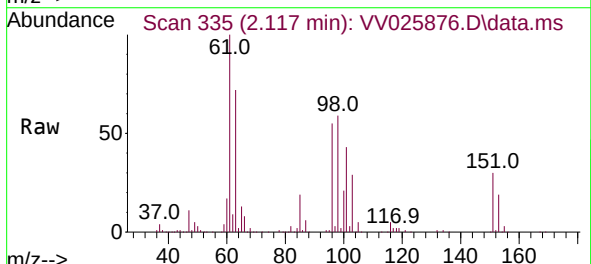
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050293

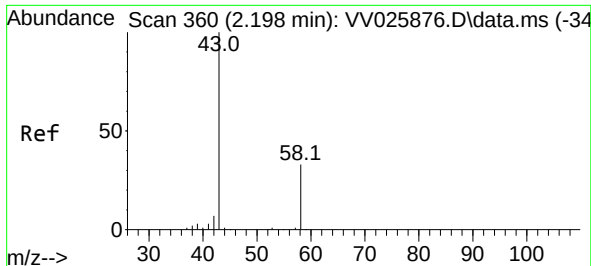
Tgt Ion:101 Resp: 117220
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.6 51.8
 151 67.7 54.3 81.5



#12
 1,1-Dichloroethene
 Concen: 43.764 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV025876.D
 Acq: 12 May 2022 12:20

Tgt Ion: 96 Resp: 125619
 Ion Ratio Lower Upper
 96 100
 61 180.5 124.6 231.4
 63 129.4 101.6 188.6





#13

Acetone

Concen: 97.823 ug/L

RT: 2.195 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV025876.D

Acq: 12 May 2022 12:20

Instrument :

MSVOA_V

ClientSampleId :

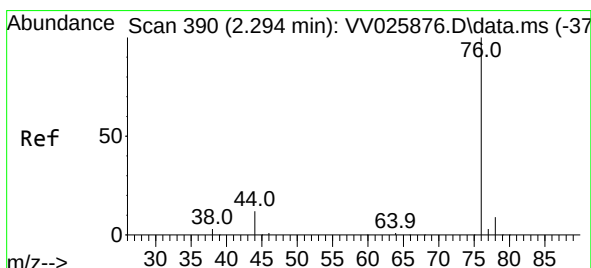
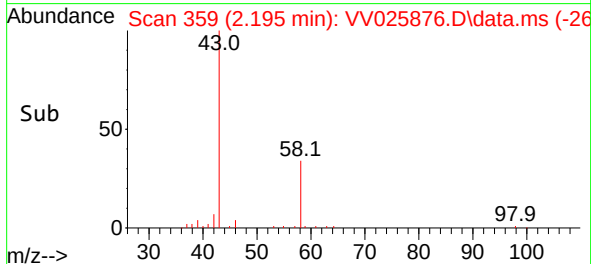
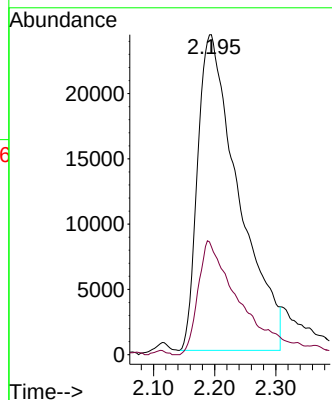
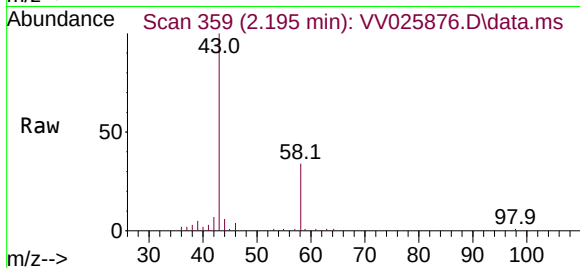
VSTD050293

Tgt Ion: 43 Resp: 112275

Ion Ratio Lower Upper

43 100

58 32.9 0.0 65.0



#14

Carbon disulfide

Concen: 43.566 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV025876.D

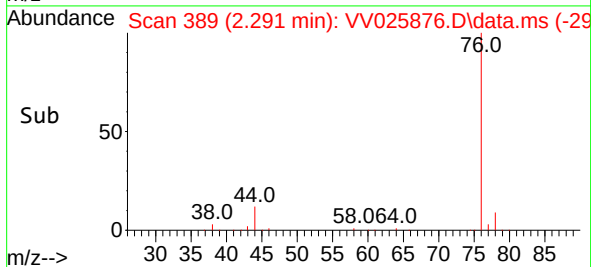
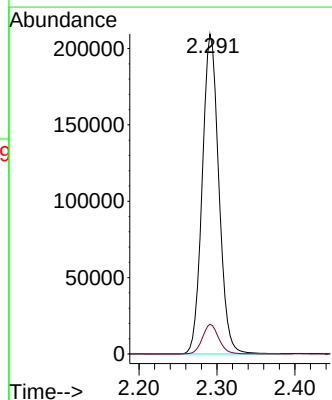
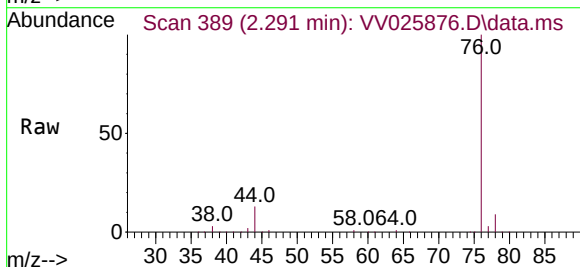
Acq: 12 May 2022 12:20

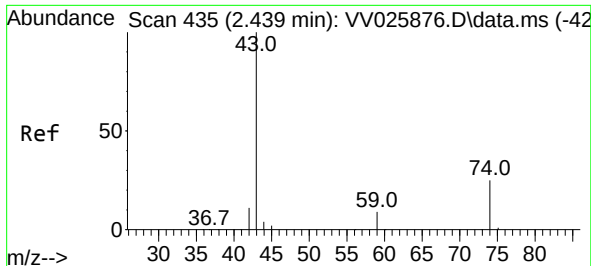
Tgt Ion: 76 Resp: 309313

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

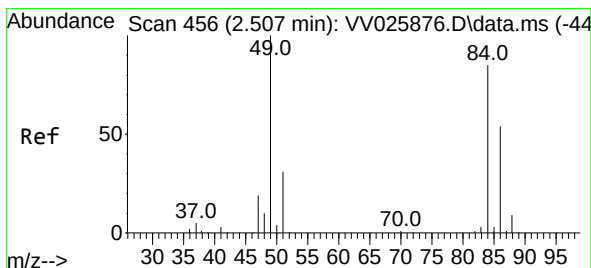
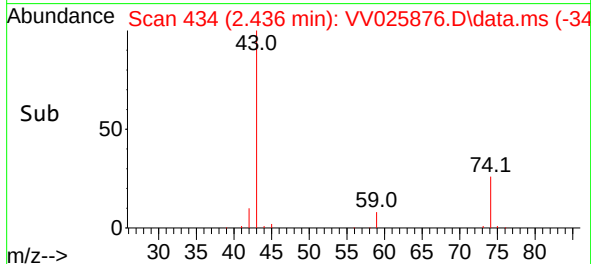
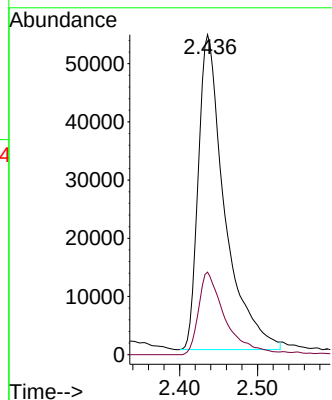
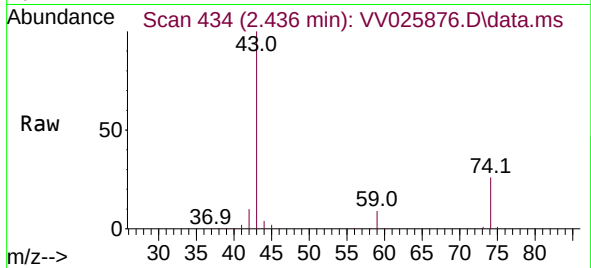




#15
Methyl Acetate
Concen: 51.617 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

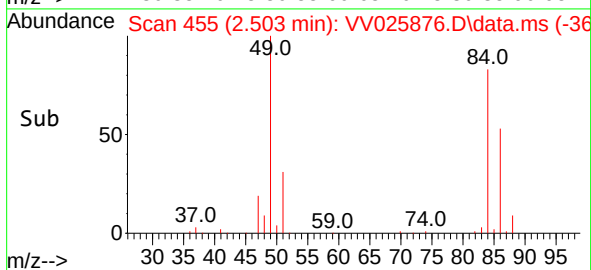
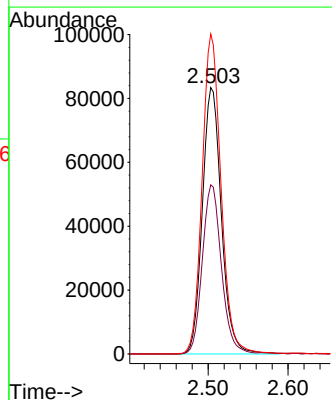
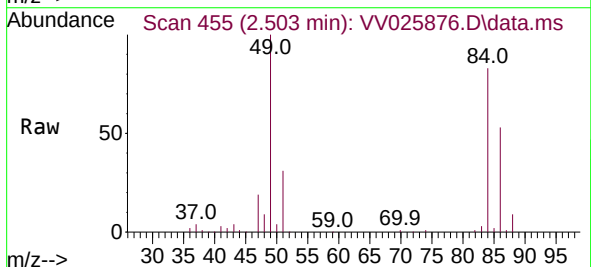
Instrument :
MSVOA_V
ClientSampleId :
VSTD050293

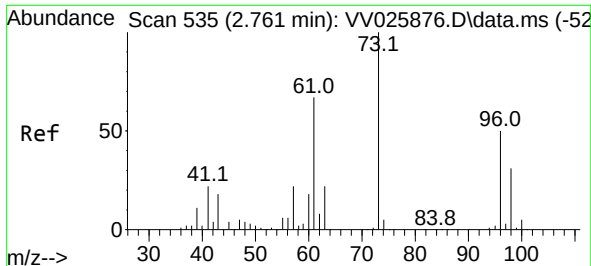
Tgt Ion: 43 Resp: 126923
Ion Ratio Lower Upper
43 100
74 26.4 20.7 31.1



#16
Methylene chloride
Concen: 49.821 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

Tgt Ion: 84 Resp: 138517
Ion Ratio Lower Upper
84 100
86 63.5 44.2 82.0
49 120.1 82.7 153.5

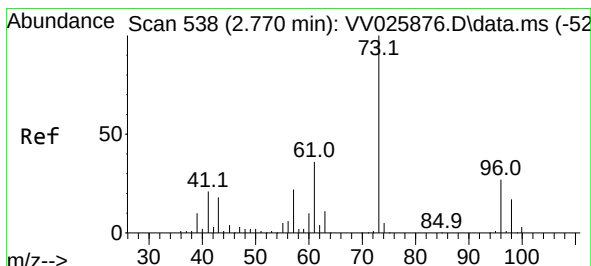
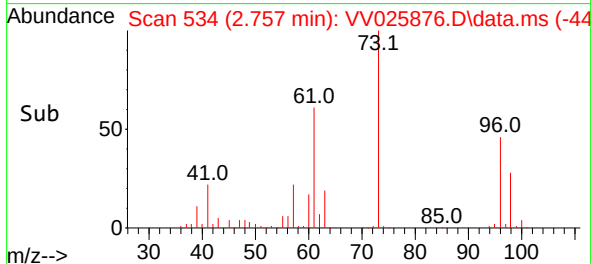
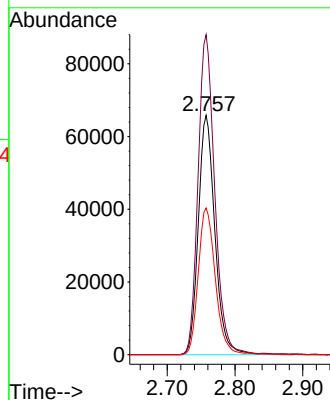
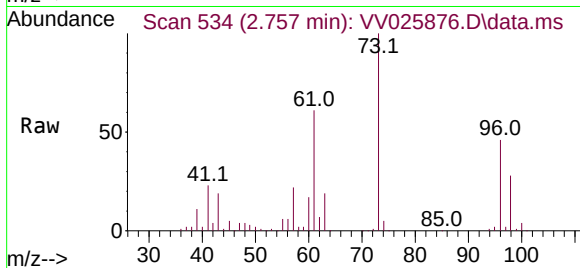




#17
trans-1,2-Dichloroethene
Concen: 45.416 ug/L
RT: 2.757 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

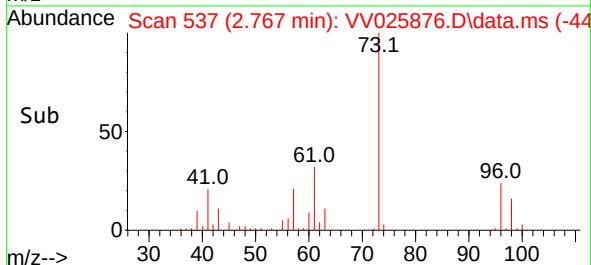
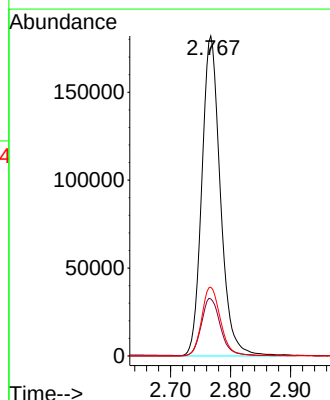
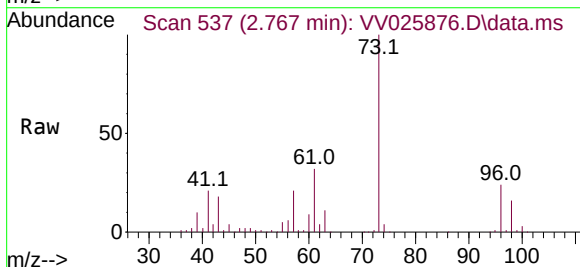
Instrument :
MSVOA_V
ClientSampleId :
VSTD050293

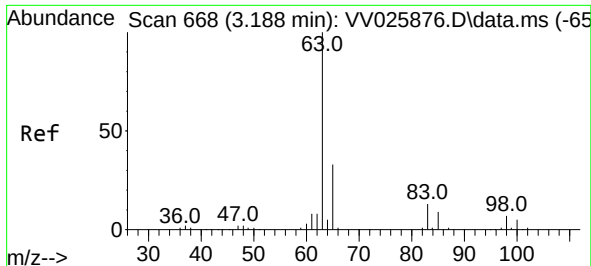
Tgt Ion: 96 Resp: 112000
Ion Ratio Lower Upper
96 100
61 133.7 92.7 172.1
98 61.3 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 54.639 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

Tgt Ion: 73 Resp: 391889
Ion Ratio Lower Upper
73 100
43 18.2 14.6 22.0
57 22.0 17.5 26.3





#19

1,1-Dichloroethane

Concen: 48.810 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV025876.D

Acq: 12 May 2022 12:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050293

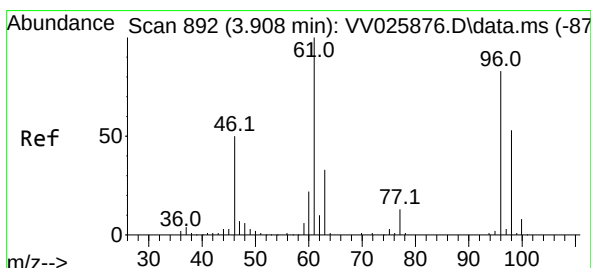
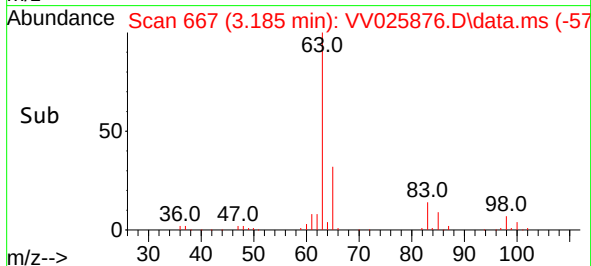
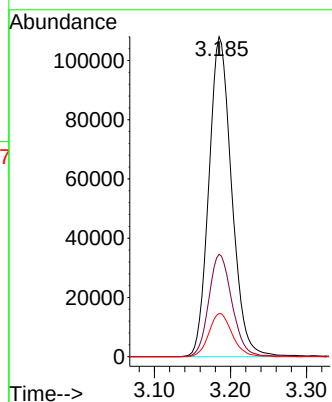
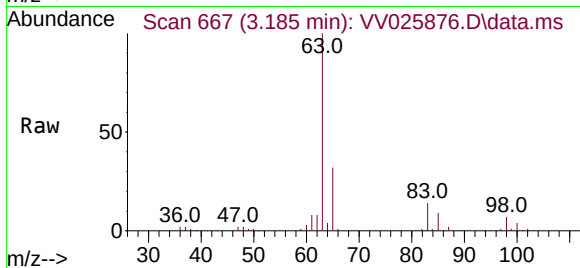
Tgt Ion: 63 Resp: 224831

Ion Ratio Lower Upper

63 100

65 32.0 22.0 40.8

83 13.5 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 47.058 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV025876.D

Acq: 12 May 2022 12:20

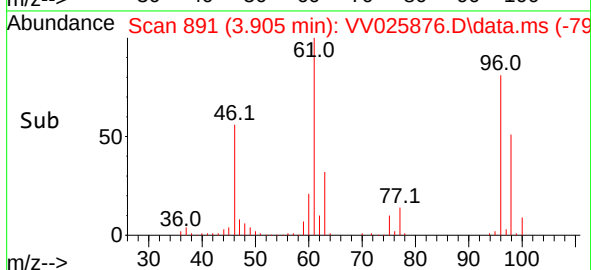
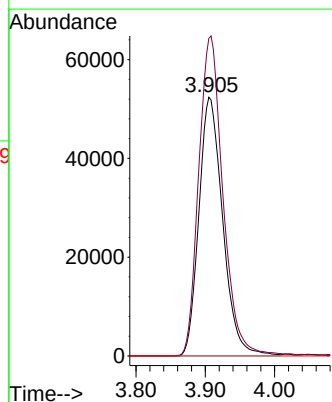
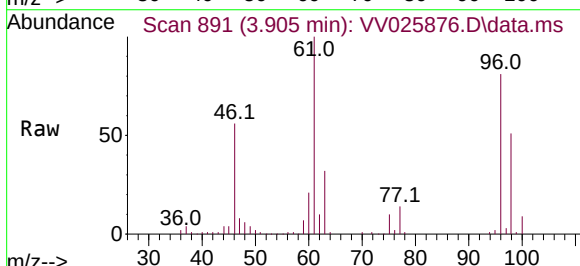
Tgt Ion: 96 Resp: 125266

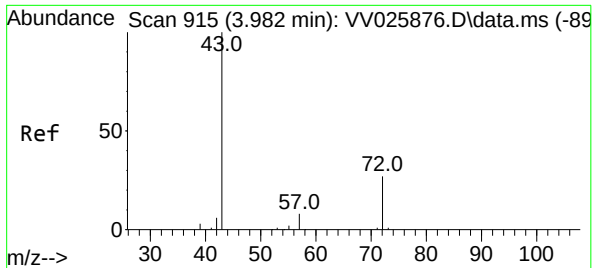
Ion Ratio Lower Upper

96 100

61 122.8 86.0 159.6

68 0.0 0.0 0.0

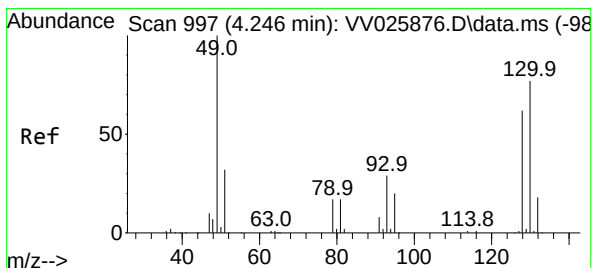
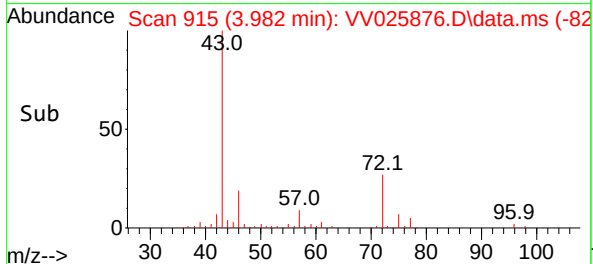
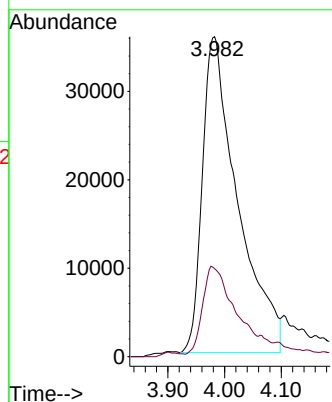
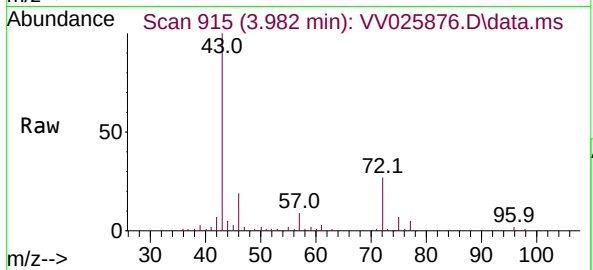




#22
2-Butanone
Concen: 101.055 ug/L
RT: 3.982 min Scan# 915
Delta R.T. -0.000 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

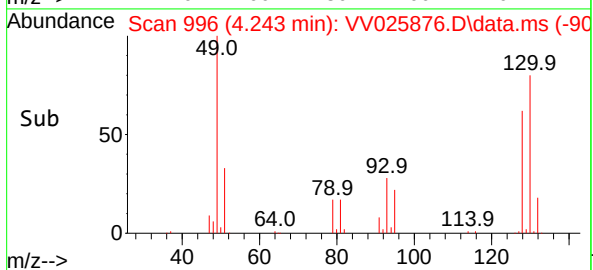
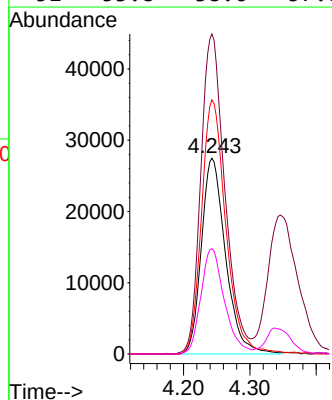
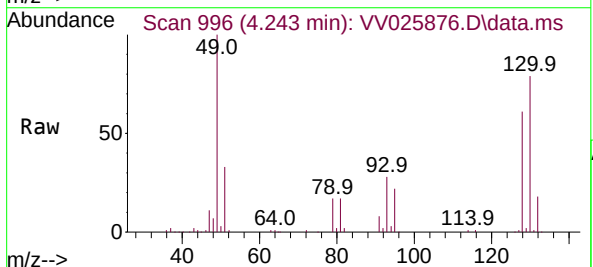
Instrument :
MSVOA_V
ClientSampleId :
VSTD050293

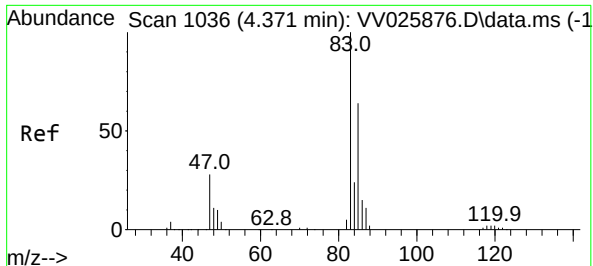
Tgt Ion: 43 Resp: 154676
Ion Ratio Lower Upper
43 100
72 24.9 13.8 41.4



#23
Bromochloromethane
Concen: 49.388 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

Tgt Ion: 128 Resp: 69441
Ion Ratio Lower Upper
128 100
49 163.5 111.0 206.2
130 129.8 87.1 161.7
51 53.8 38.6 57.8





#25

Chloroform

Concen: 47.494 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV025876.D

Acq: 12 May 2022 12:20

Instrument :

MSVOA_V

ClientSampleId :

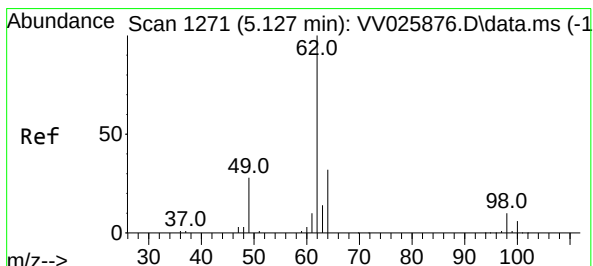
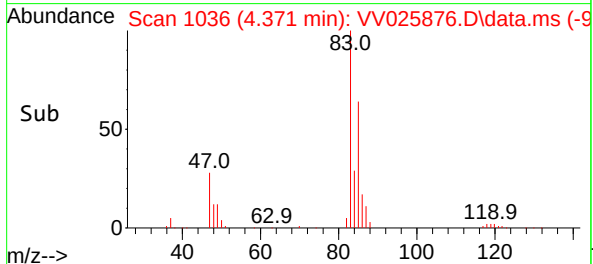
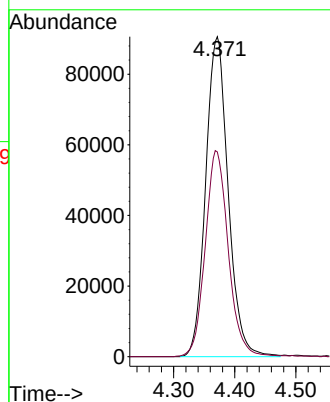
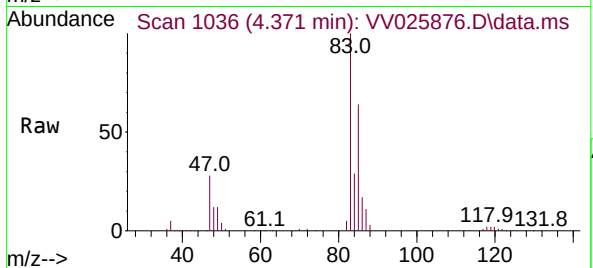
VSTD050293

Tgt Ion: 83 Resp: 231823

Ion Ratio Lower Upper

83 100

85 64.0 44.9 83.3



#27

1,2-Dichloroethane

Concen: 49.944 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV025876.D

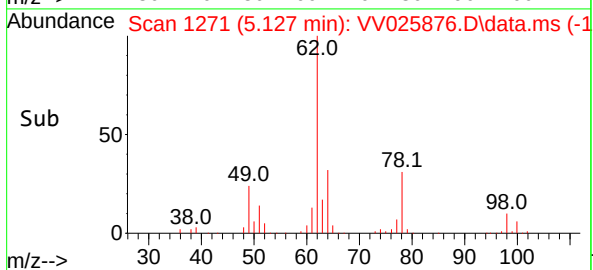
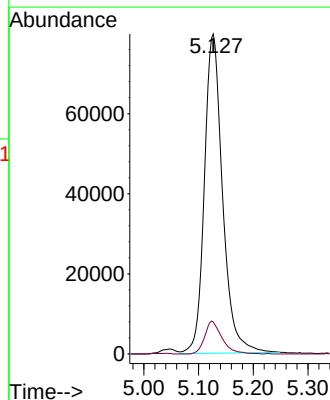
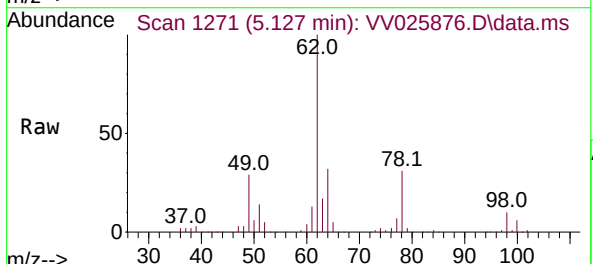
Acq: 12 May 2022 12:20

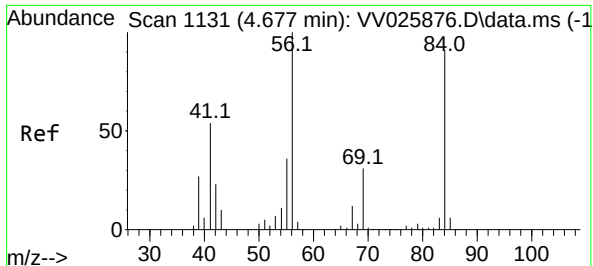
Tgt Ion: 62 Resp: 184310

Ion Ratio Lower Upper

62 100

98 9.9 7.7 11.5





#29

Cyclohexane

Concen: 41.604 ug/L

RT: 4.674 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV025876.D

Acq: 12 May 2022 12:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050293

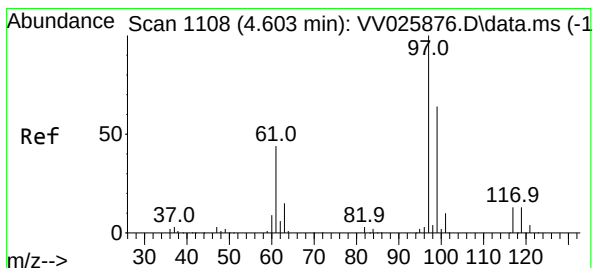
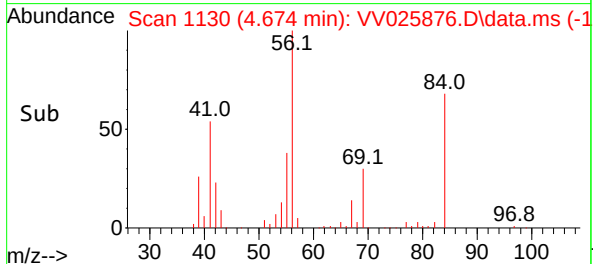
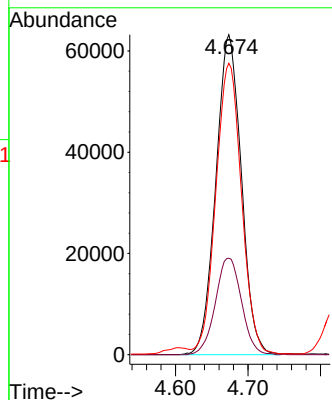
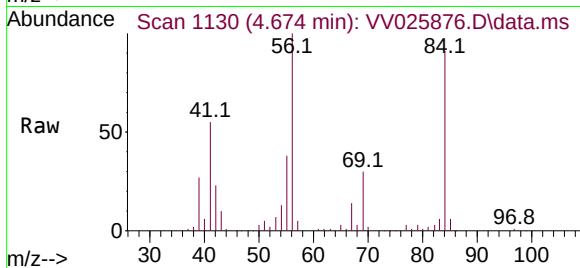
Tgt Ion: 56 Resp: 154288

Ion Ratio Lower Upper

56 100

69 30.9 24.8 37.2

84 91.1 73.8 110.8



#30

1,1,1-Trichloroethane

Concen: 45.200 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV025876.D

Acq: 12 May 2022 12:20

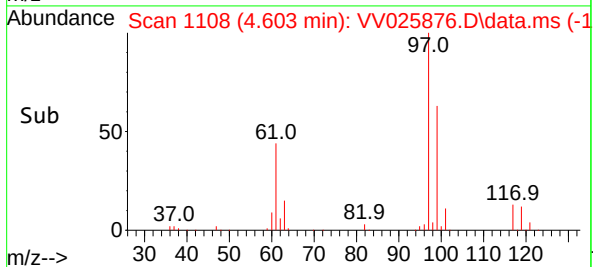
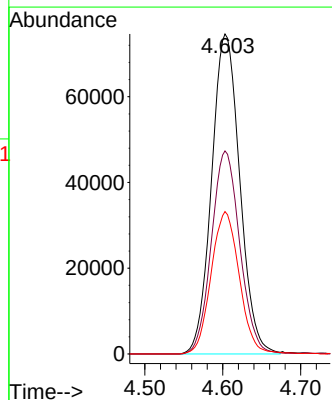
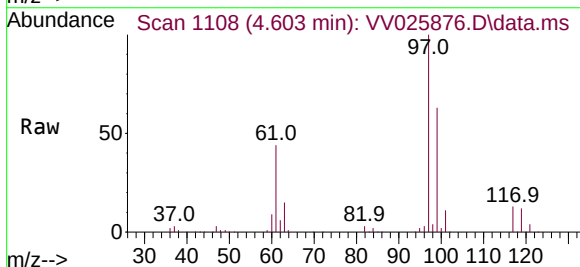
Tgt Ion: 97 Resp: 188039

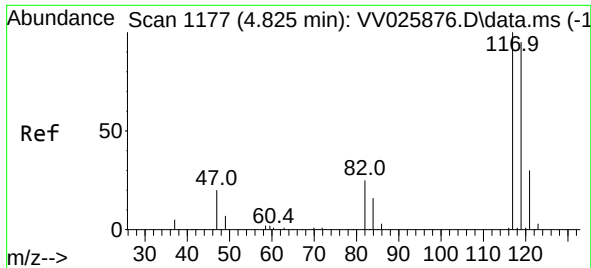
Ion Ratio Lower Upper

97 100

99 64.0 52.6 78.8

61 44.5 35.6 53.4

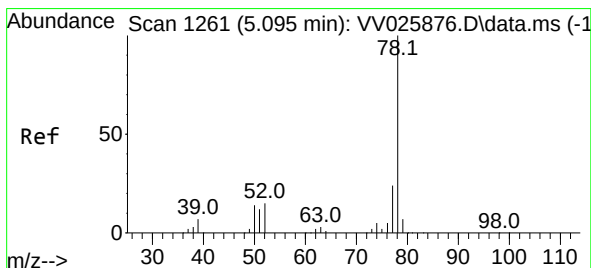
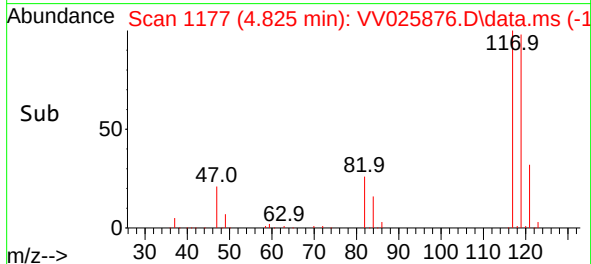
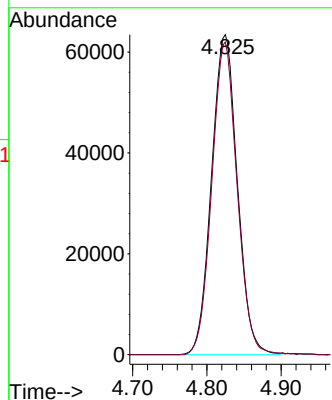
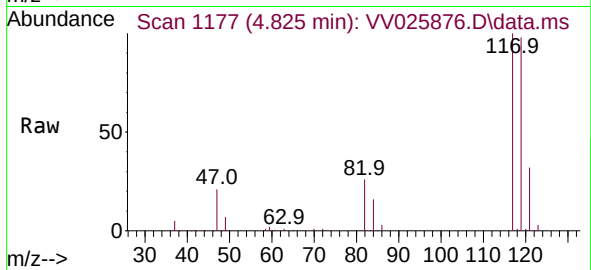




#31
Carbon tetrachloride
Concen: 43.881 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

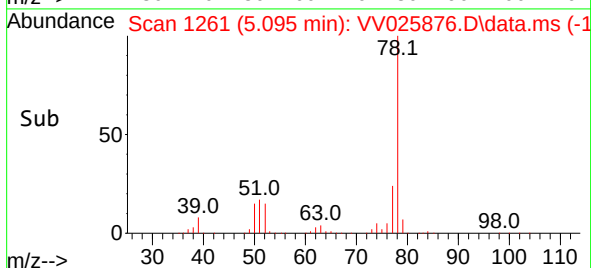
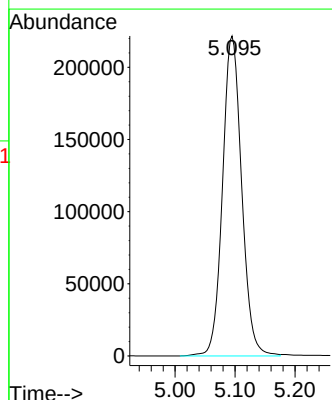
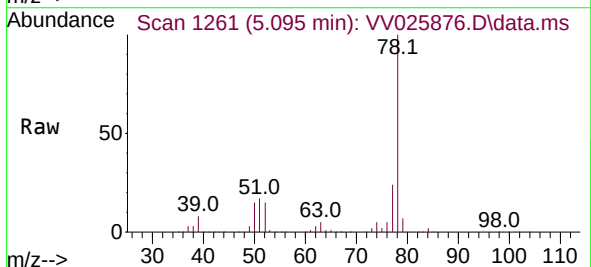
Instrument :
MSVOA_V
ClientSampleId :
VSTD050293

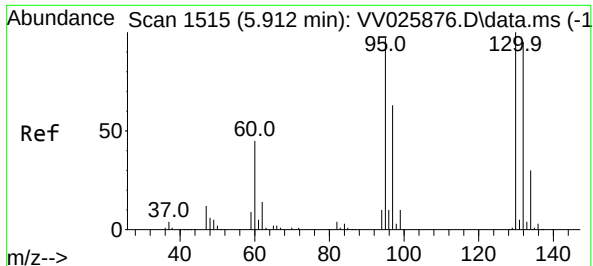
Tgt Ion:117 Resp: 153264
Ion Ratio Lower Upper
117 100
119 95.7 76.9 115.3



#33
Benzene
Concen: 47.546 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

Tgt Ion: 78 Resp: 490406

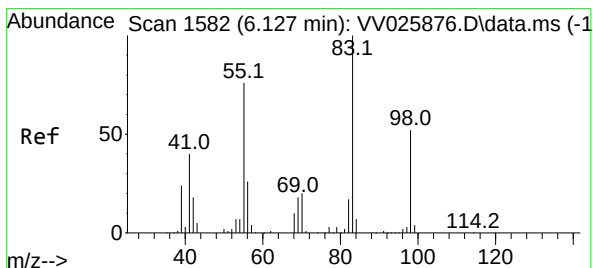
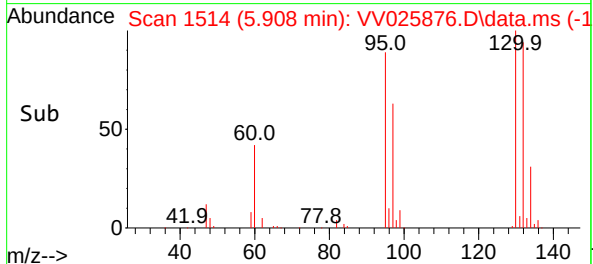
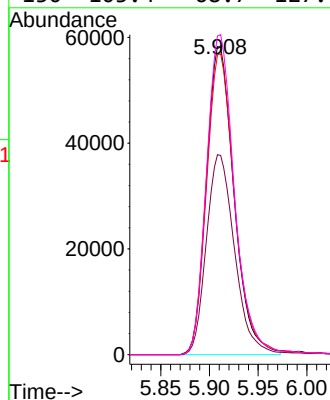
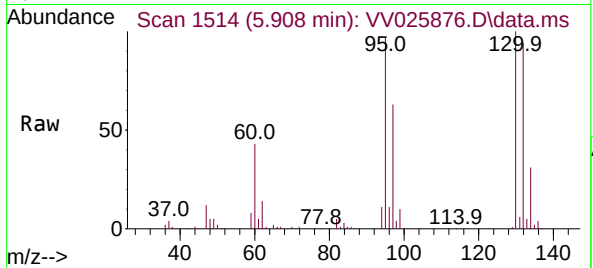




#34
Trichloroethene
Concen: 42.739 ug/L
RT: 5.908 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

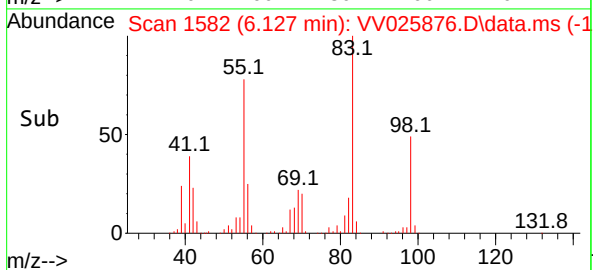
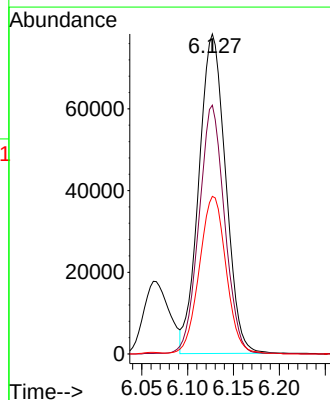
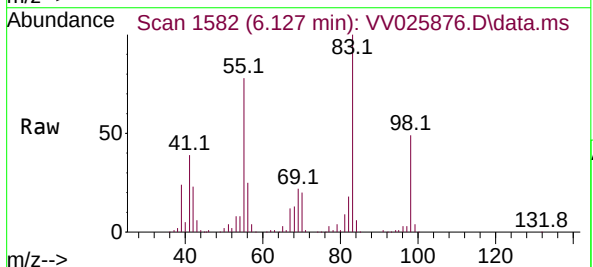
Instrument :
MSVOA_V
ClientSampleId :
VSTD050293

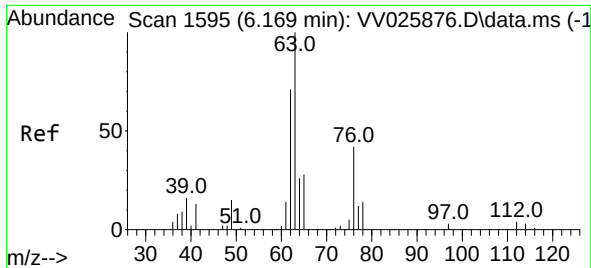
Tgt Ion: 95 Resp: 115299
Ion Ratio Lower Upper
95 100
97 64.9 44.2 82.0
132 97.3 67.7 125.7
130 103.4 68.7 127.7



#35
Methylcyclohexane
Concen: 39.249 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

Tgt Ion: 83 Resp: 158583
Ion Ratio Lower Upper
83 100
55 74.6 58.6 87.8
98 49.6 39.1 58.7

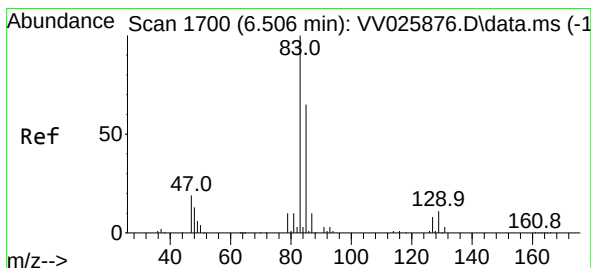
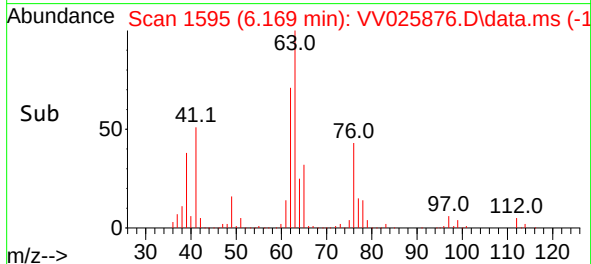
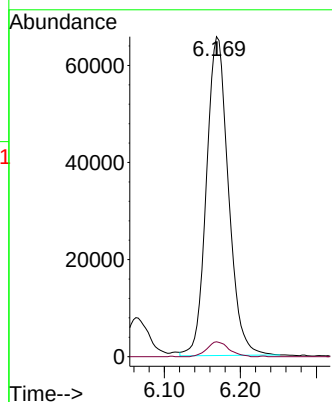
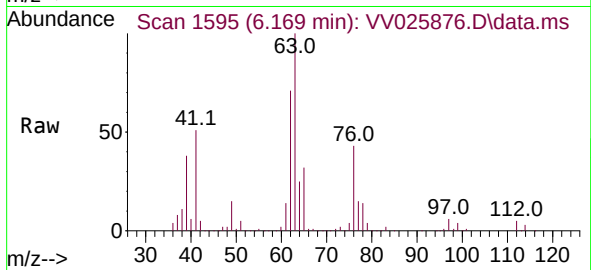




#37
1,2-Dichloropropane
Concen: 50.927 ug/L
RT: 6.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

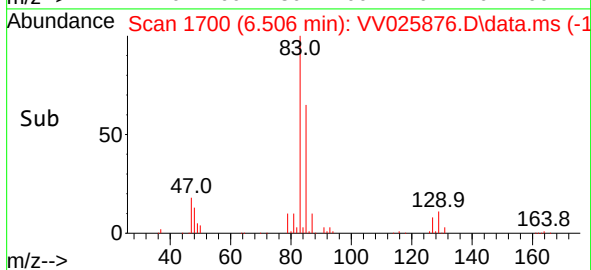
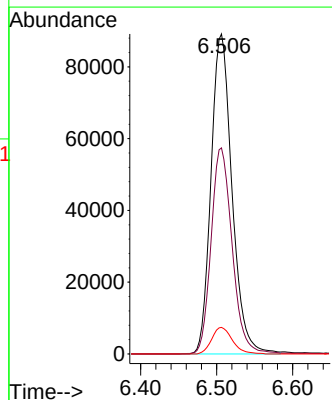
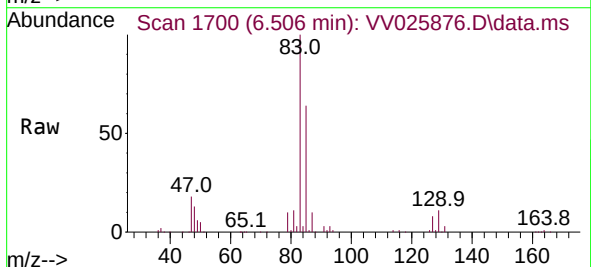
Instrument :
MSVOA_V
ClientSampleId :
VSTD050293

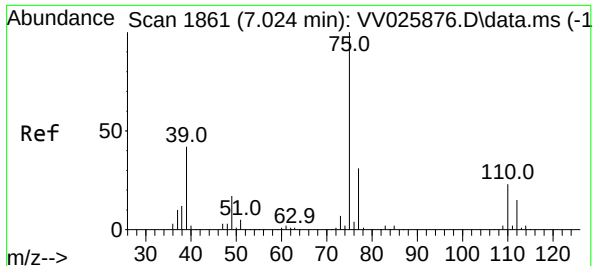
Tgt Ion: 63 Resp: 131952
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 48.850 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

Tgt Ion: 83 Resp: 171161
Ion Ratio Lower Upper
83 100
85 64.4 46.0 85.4
127 8.3 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 46.607 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV025876.D

Acq: 12 May 2022 12:20

Instrument :

MSVOA_V

ClientSampleId :

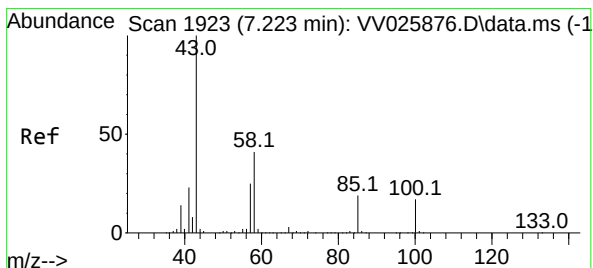
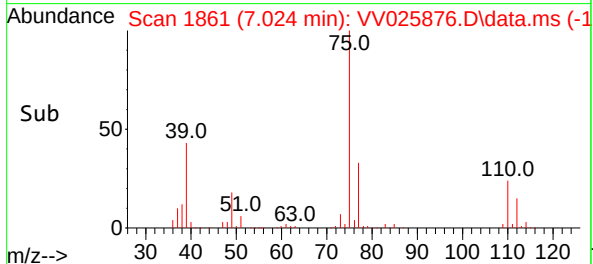
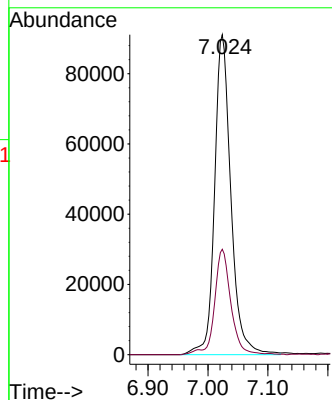
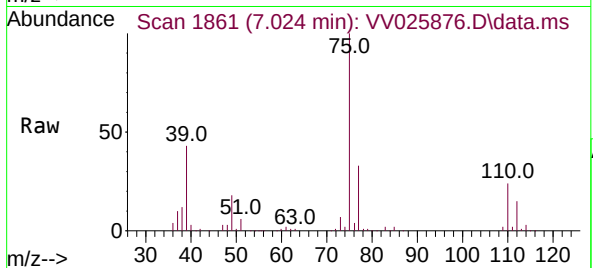
VSTD050293

Tgt Ion: 75 Resp: 172206

Ion Ratio Lower Upper

75 100

77 33.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 112.006 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV025876.D

Acq: 12 May 2022 12:20

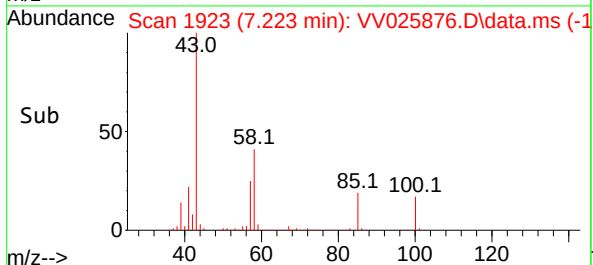
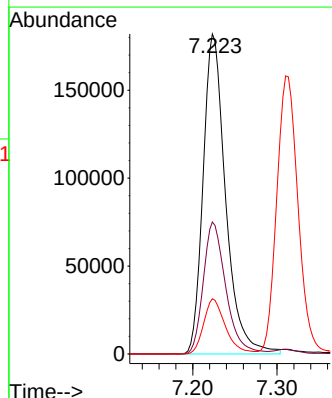
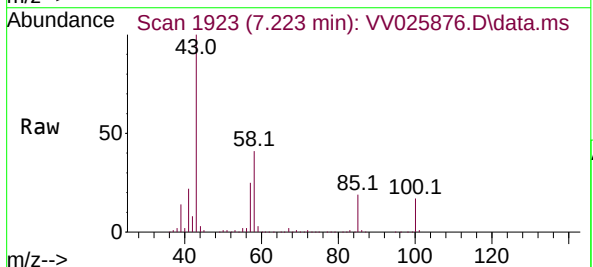
Tgt Ion: 43 Resp: 339225

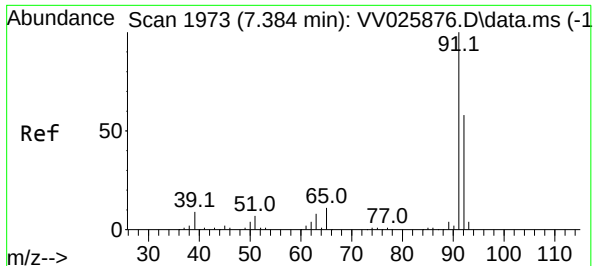
Ion Ratio Lower Upper

43 100

58 41.2 32.9 49.3

100 16.7 13.7 20.5

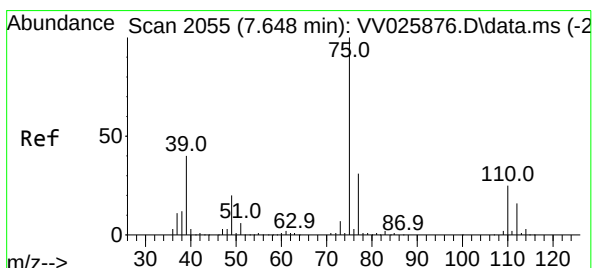
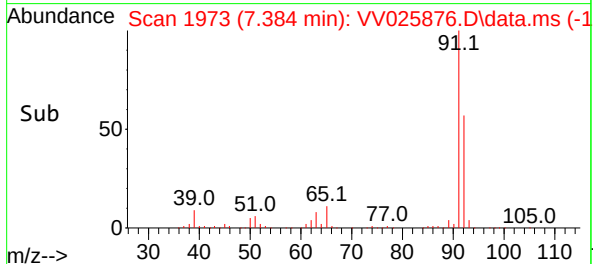
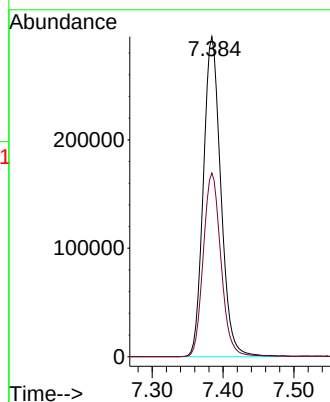
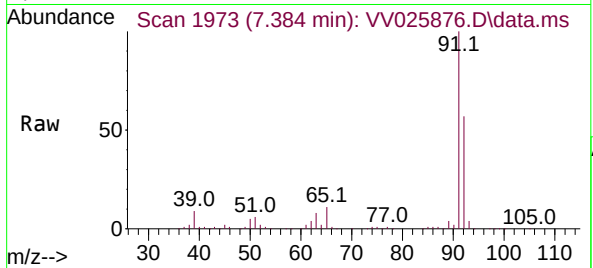




#42
Toluene
Concen: 45.739 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

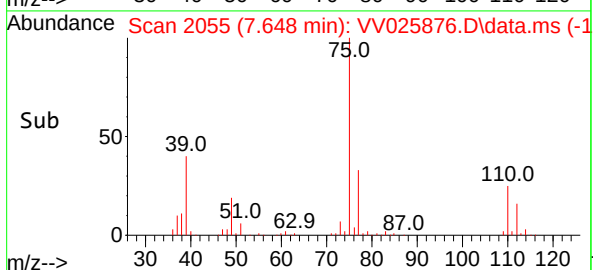
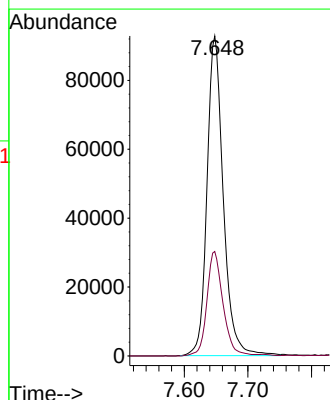
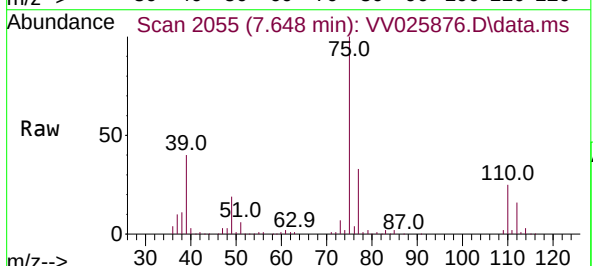
Instrument : MSVOA_V
ClientSampleId : VSTD050293

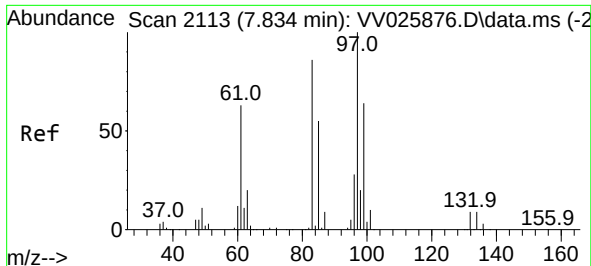
Tgt Ion: 91 Resp: 506090
Ion Ratio Lower Upper
91 100
92 57.4 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 46.300 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

Tgt Ion: 75 Resp: 164582
Ion Ratio Lower Upper
75 100
77 32.6 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 49.828 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. -0.000 min

Lab File: VV025876.D

Acq: 12 May 2022 12:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050293

Tgt Ion: 97 Resp: 131180

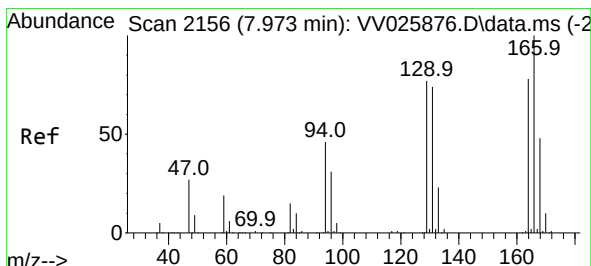
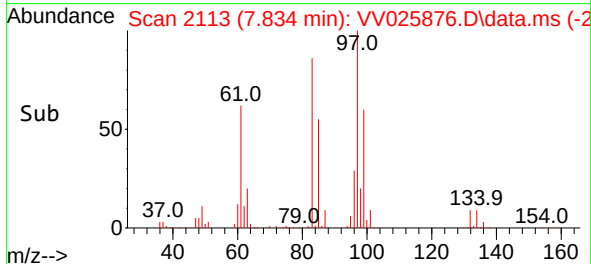
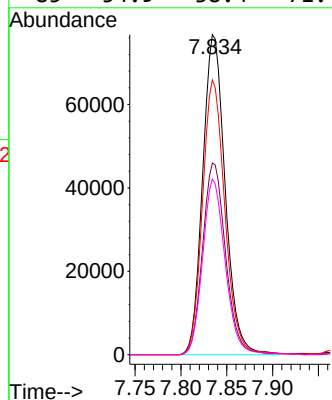
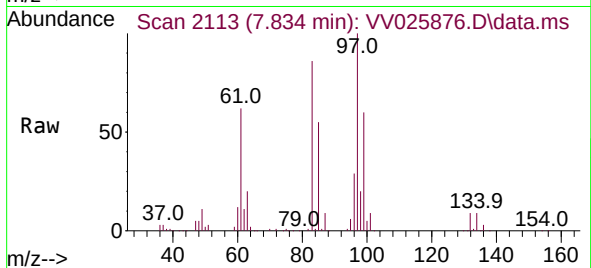
Ion Ratio Lower Upper

97 100

99 59.9 42.6 79.0

83 85.8 59.7 110.9

85 54.9 38.4 71.4



#46

Tetrachloroethene

Concen: 42.402 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV025876.D

Acq: 12 May 2022 12:20

Tgt Ion: 164 Resp: 84379

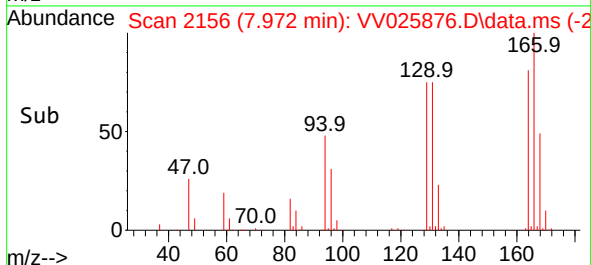
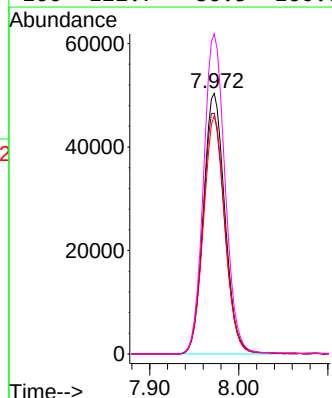
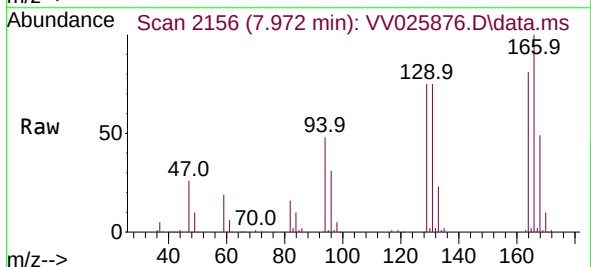
Ion Ratio Lower Upper

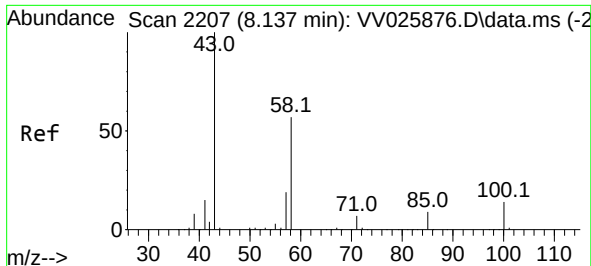
164 100

129 92.4 66.8 124.2

131 91.5 66.7 123.9

166 122.7 86.5 160.7

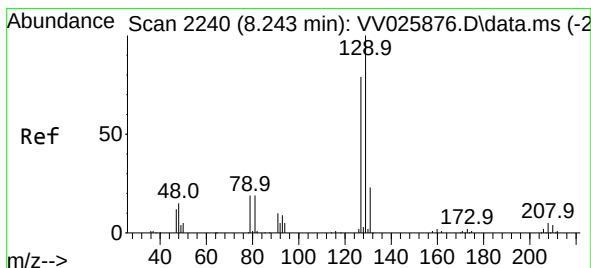
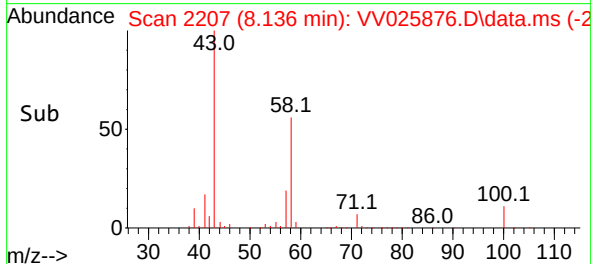
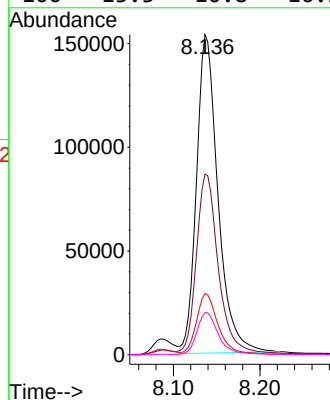
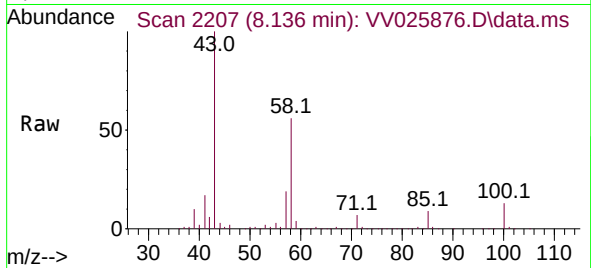




#48
2-Hexanone
Concen: 112.490 ug/L
RT: 8.136 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

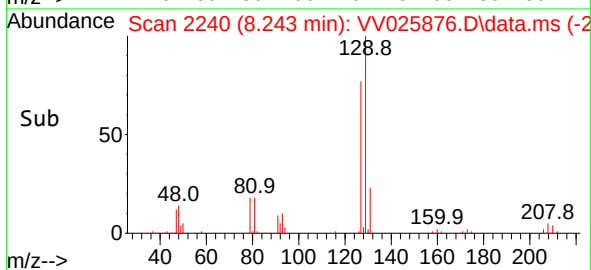
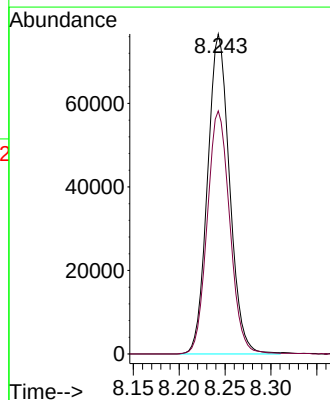
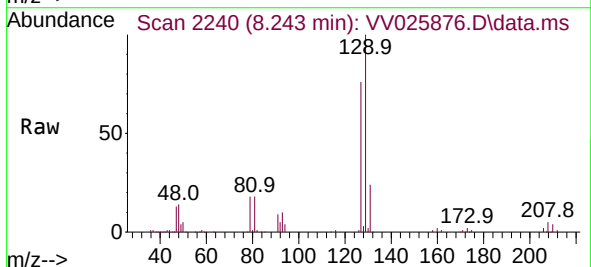
Instrument :
MSVOA_V
ClientSampleId :
VSTD050293

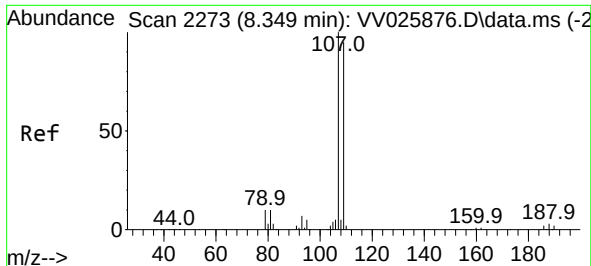
Tgt Ion: 43 Resp: 265082
Ion Ratio Lower Upper
43 100
58 58.0 45.9 68.9
57 19.5 15.4 23.2
100 13.3 10.8 16.2



#49
Dibromochloromethane
Concen: 49.405 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

Tgt Ion:129 Resp: 128295
Ion Ratio Lower Upper
129 100
127 76.0 53.5 99.5





#50

1,2-Dibromoethane

Concen: 49.492 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025876.D

Acq: 12 May 2022 12:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050293

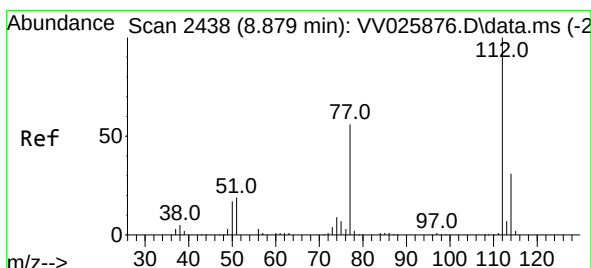
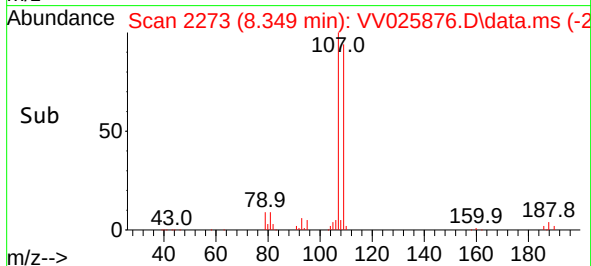
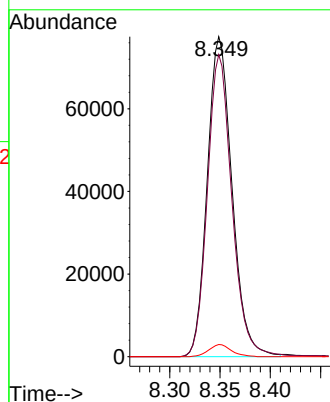
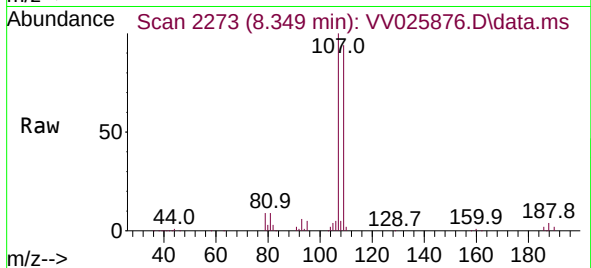
Tgt Ion:107 Resp: 132501

Ion Ratio Lower Upper

107 100

109 94.4 64.1 119.1

188 3.8 2.6 3.8



#51

Chlorobenzene

Concen: 44.920 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV025876.D

Acq: 12 May 2022 12:20

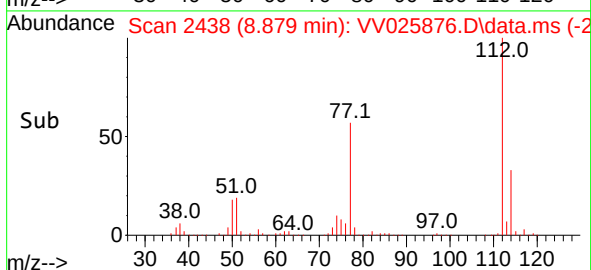
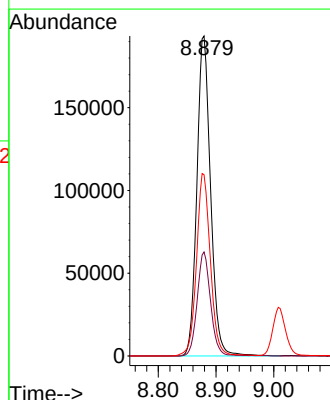
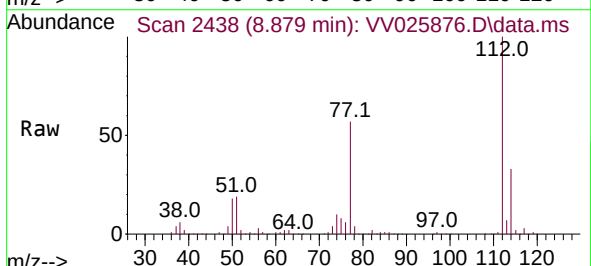
Tgt Ion:112 Resp: 318274

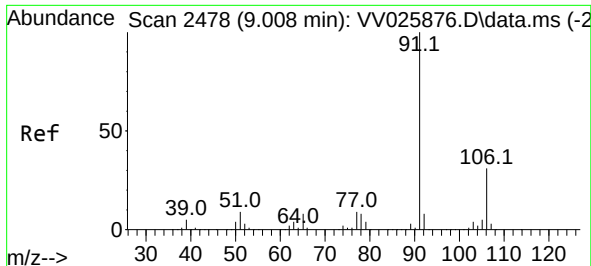
Ion Ratio Lower Upper

112 100

114 32.5 22.0 40.8

77 56.6 45.3 67.9

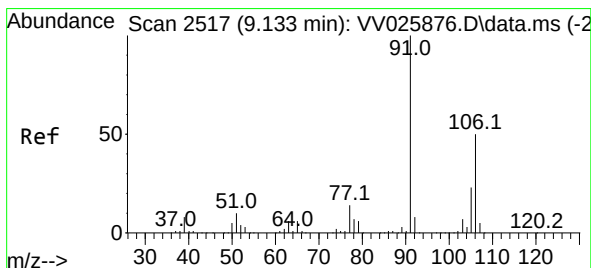
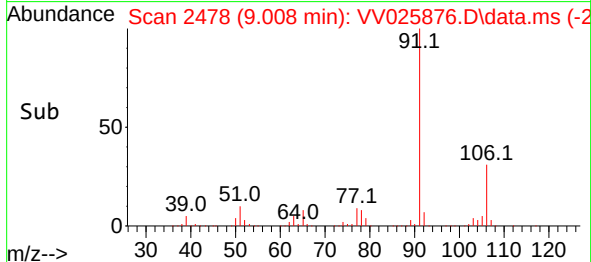
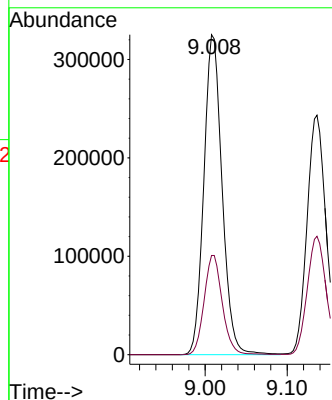
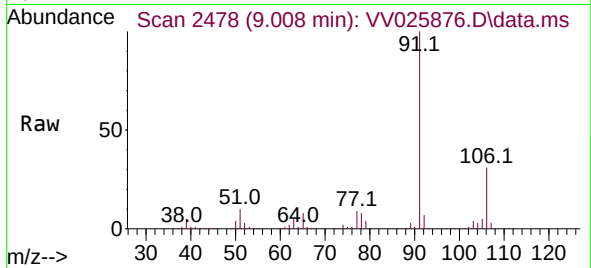




#52
Ethylbenzene
Concen: 44.094 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

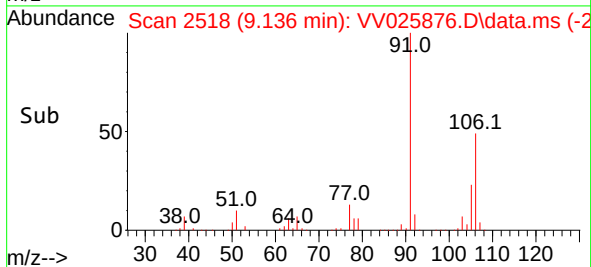
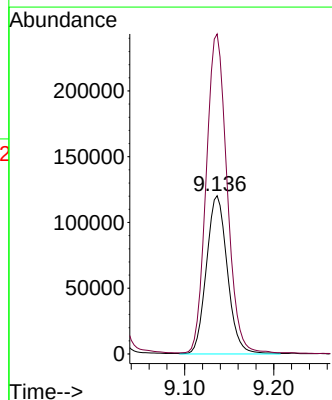
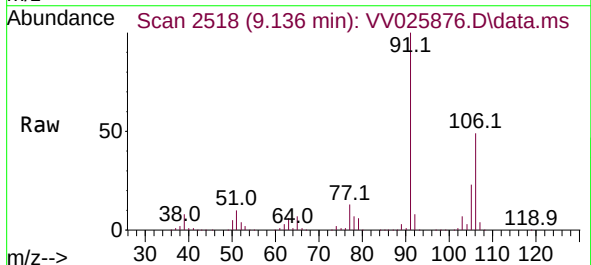
Instrument :
MSVOA_V
ClientSampleId :
VSTD050293

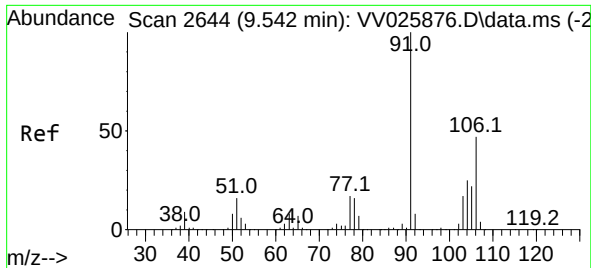
Tgt Ion: 91 Resp: 503359
Ion Ratio Lower Upper
91 100
106 31.0 21.8 40.6



#53
m,p-Xylene
Concen: 44.381 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

Tgt Ion: 106 Resp: 196510
Ion Ratio Lower Upper
106 100
91 202.3 142.0 263.6

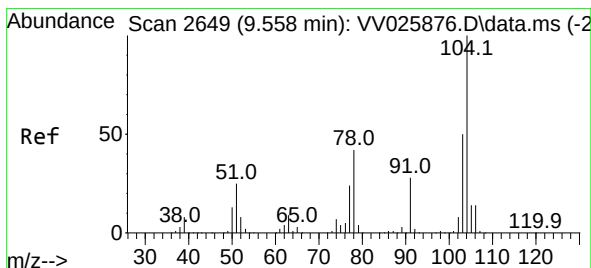
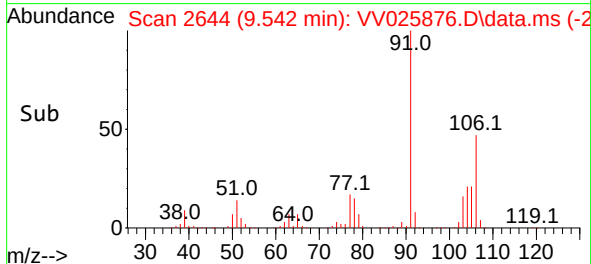
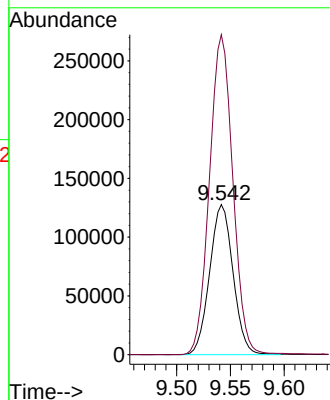
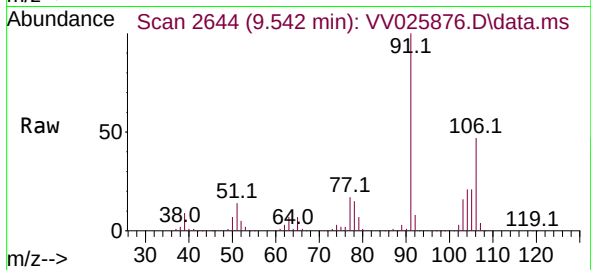




#54
o-Xylene
Concen: 44.513 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

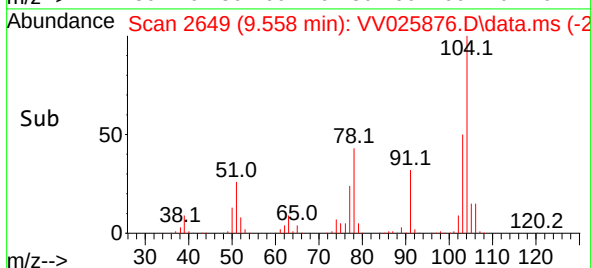
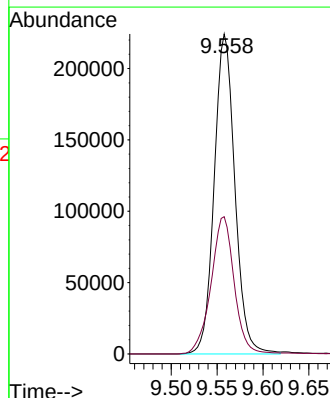
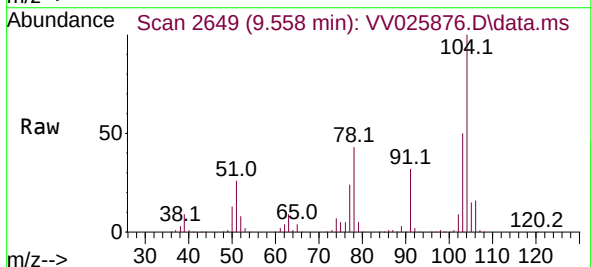
Instrument :
MSVOA_V
ClientSampleId :
VSTD050293

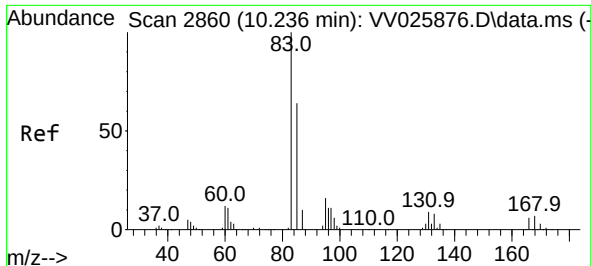
Tgt Ion:106 Resp: 193608
Ion Ratio Lower Upper
106 100
91 213.1 147.4 273.8



#55
Styrene
Concen: 46.393 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

Tgt Ion:104 Resp: 351598
Ion Ratio Lower Upper
104 100
78 42.9 29.8 55.3





#57

1,1,2,2-Tetrachloroethane

Concen: 51.226 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.003 min

Lab File: VV025876.D

Acq: 12 May 2022 12:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050293

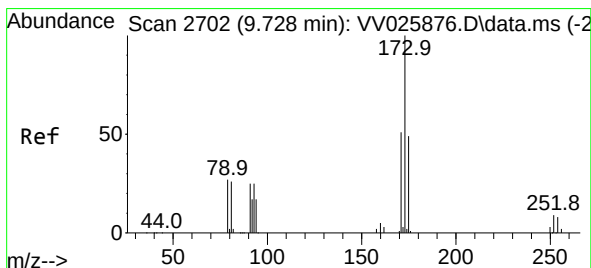
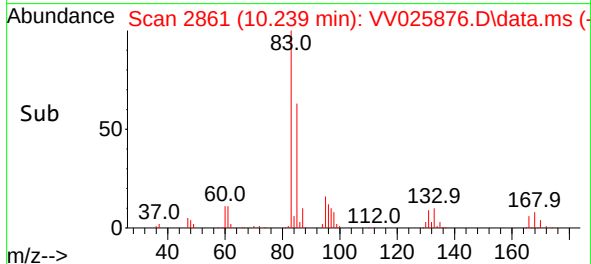
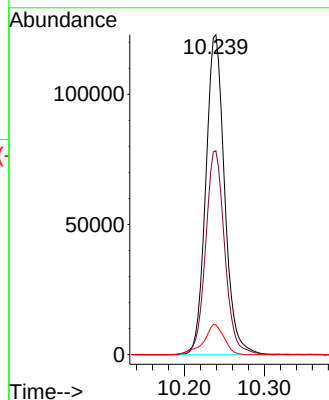
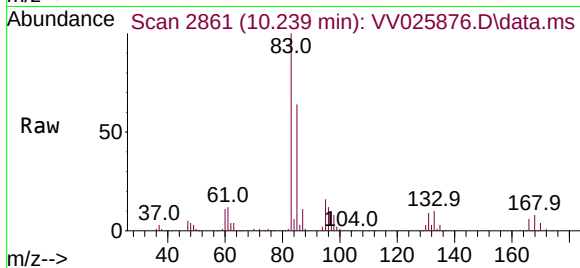
Tgt Ion: 83 Resp: 201217

Ion Ratio Lower Upper

83 100

85 63.7 44.7 82.9

131 9.3 7.5 11.3



#59

Bromoform

Concen: 51.723 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV025876.D

Acq: 12 May 2022 12:20

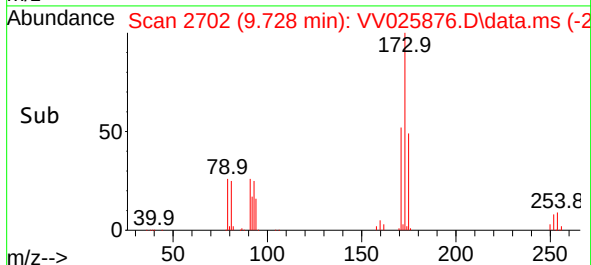
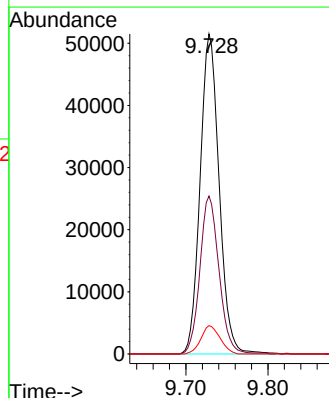
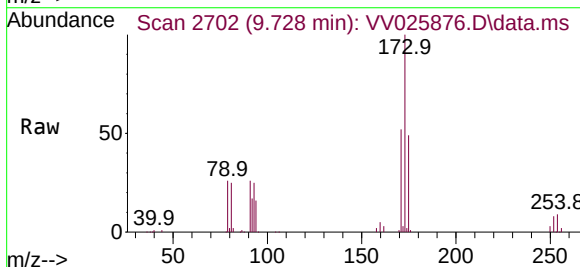
Tgt Ion: 173 Resp: 82830

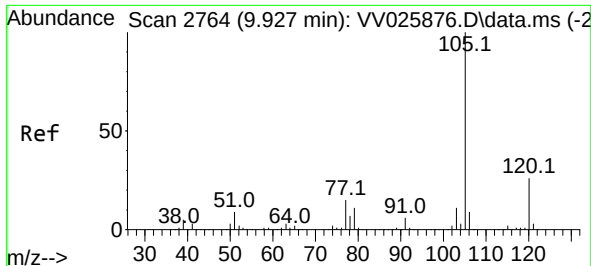
Ion Ratio Lower Upper

173 100

175 49.4 38.1 57.1

254 8.9 7.0 10.6

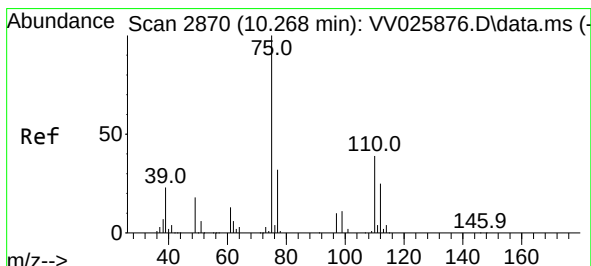
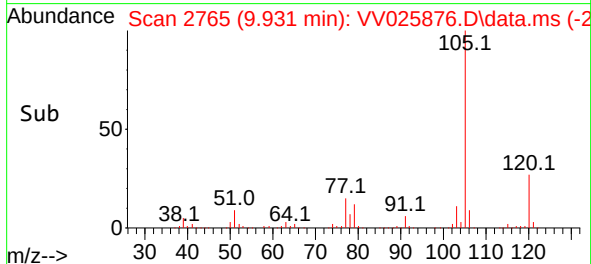
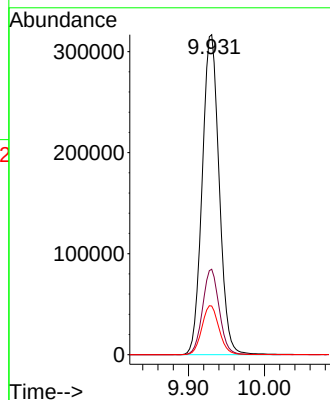
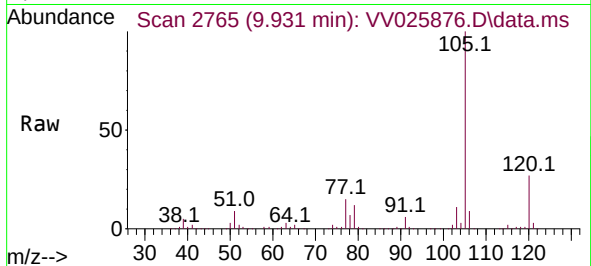




#60
Isopropylbenzene
Concen: 44.179 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

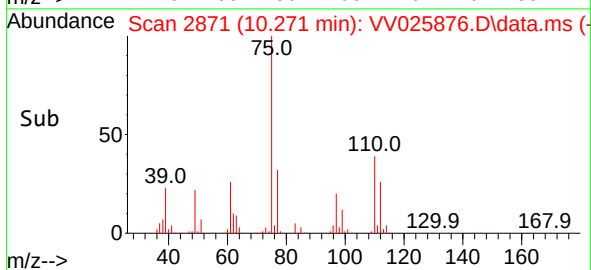
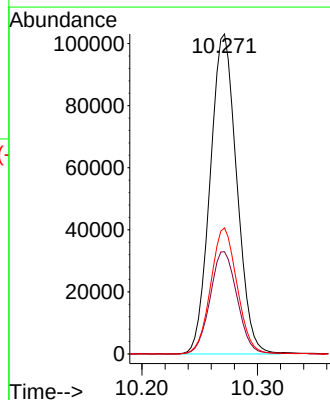
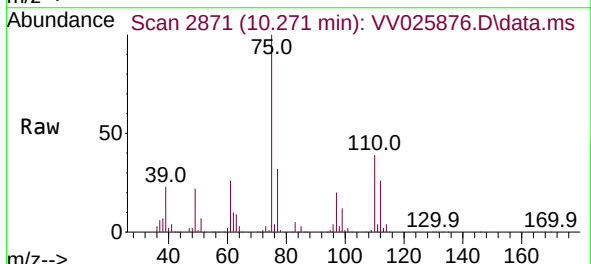
Instrument :
MSVOA_V
ClientSampleId :
VSTD050293

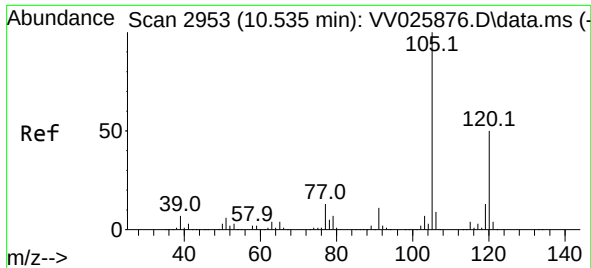
Tgt Ion:105 Resp: 491272
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.5 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 50.151 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

Tgt Ion: 75 Resp: 164791
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
110 39.1 32.3 48.5

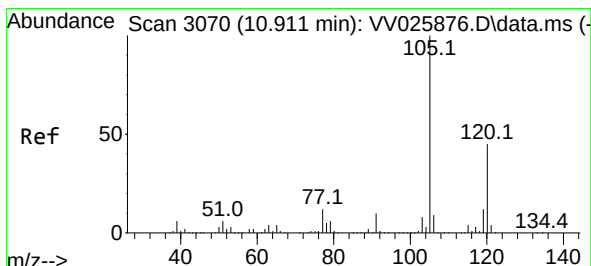
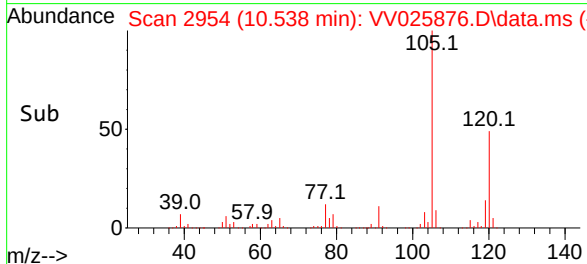
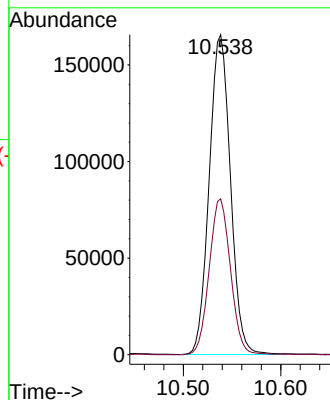
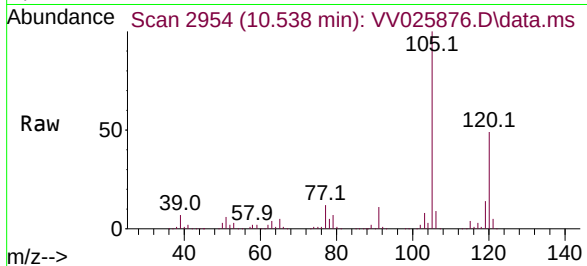




#62
 1,3,5-Trimethylbenzene
 Concen: 43.688 ug/L
 RT: 10.538 min Scan# 2953
 Delta R.T. 0.003 min
 Lab File: VV025876.D
 Acq: 12 May 2022 12:20

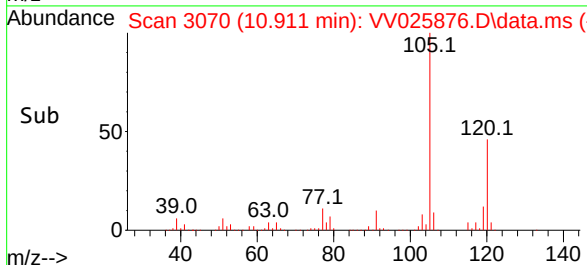
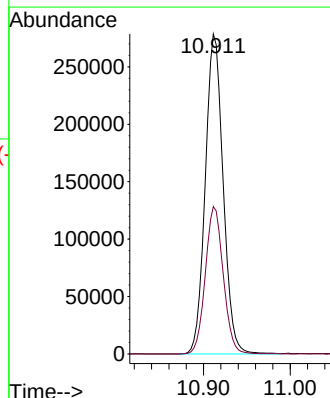
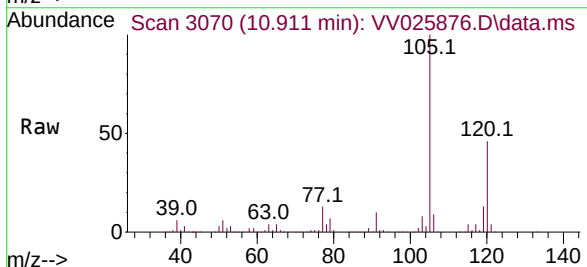
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050293

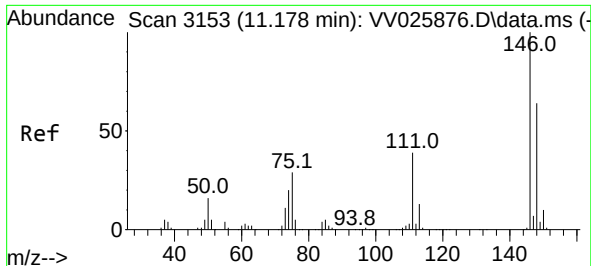
Tgt Ion:105 Resp: 250411
 Ion Ratio Lower Upper
 105 100
 120 48.9 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 44.943 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV025876.D
 Acq: 12 May 2022 12:20

Tgt Ion:105 Resp: 399678
 Ion Ratio Lower Upper
 105 100
 120 46.2 36.6 55.0

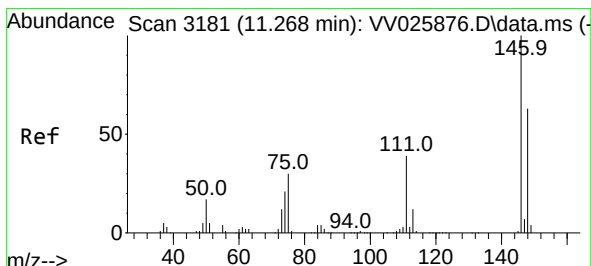
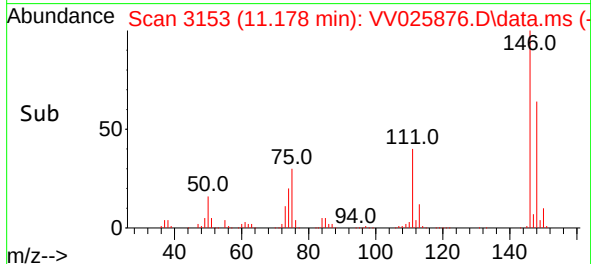
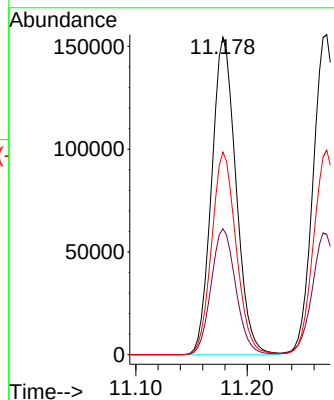
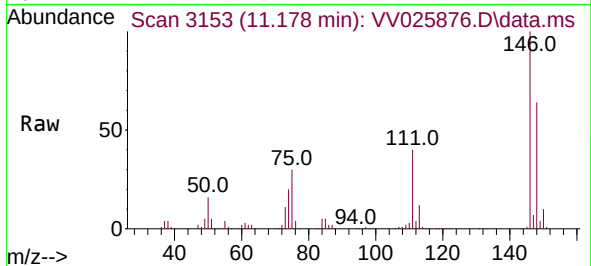




#64
1,3-Dichlorobenzene
Concen: 44.600 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

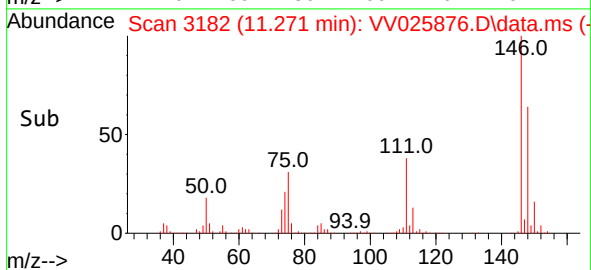
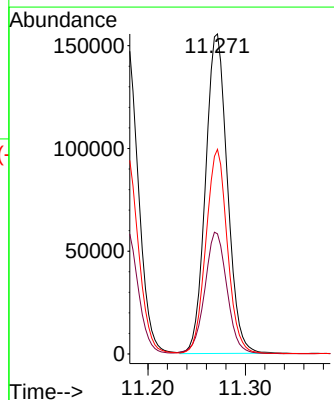
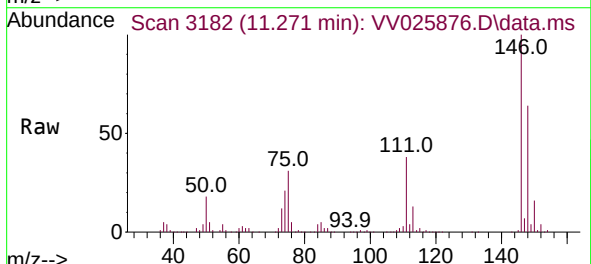
Instrument :
MSVOA_V
ClientSampleId :
VSTD050293

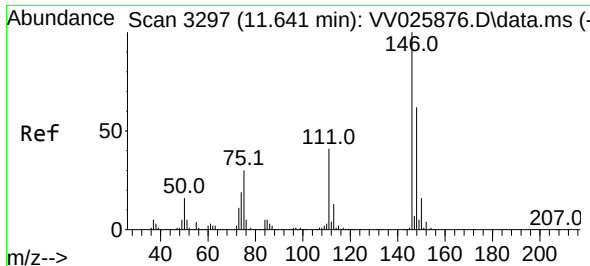
Tgt Ion:146 Resp: 234758
Ion Ratio Lower Upper
146 100
111 39.7 28.1 52.1
148 63.8 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 43.895 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

Tgt Ion:146 Resp: 242134
Ion Ratio Lower Upper
146 100
111 37.5 26.7 49.7
148 64.0 44.2 82.2

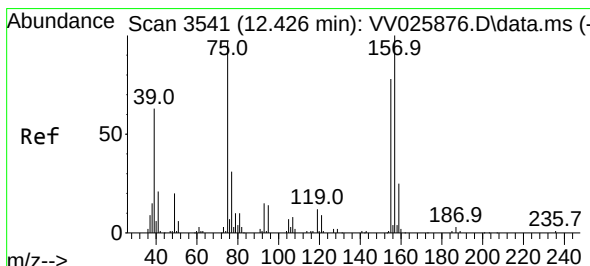
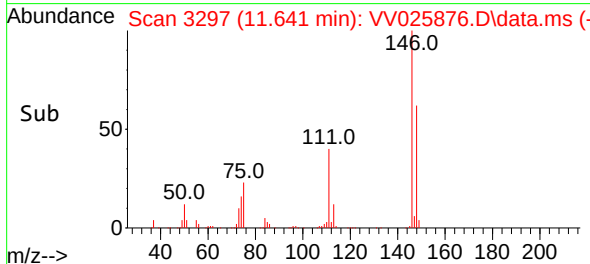
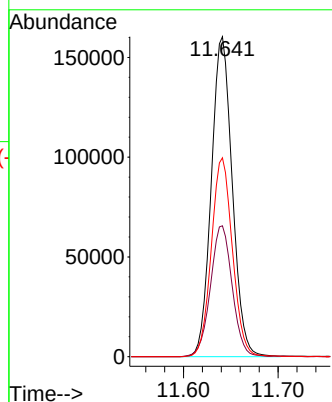
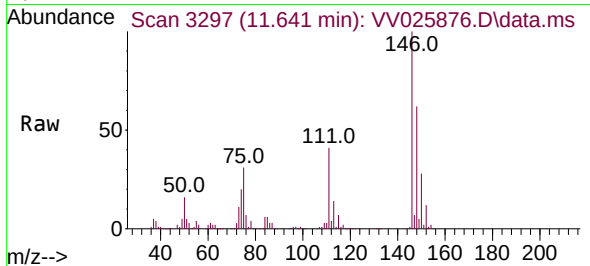




#67
1,2-Dichlorobenzene
Concen: 45.353 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

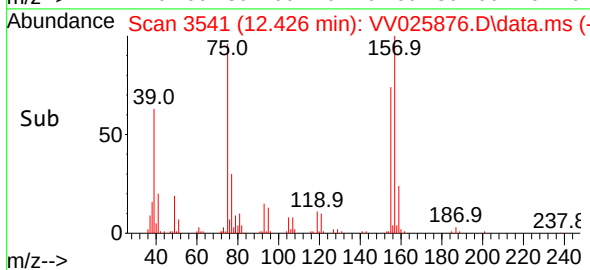
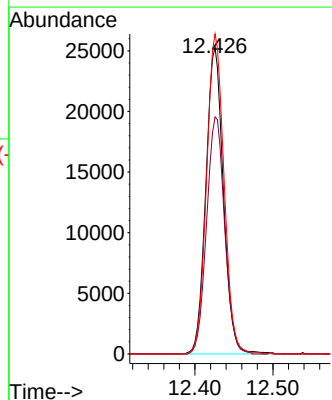
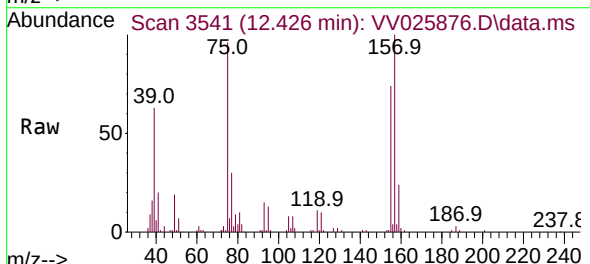
Instrument :
MSVOA_V
ClientSampleId :
VSTD050293

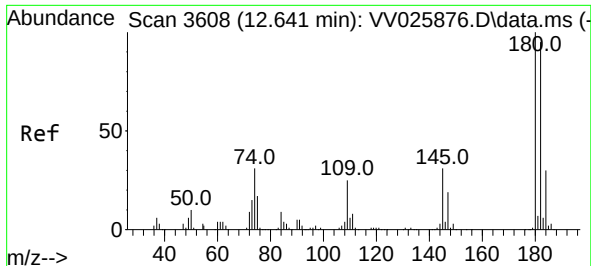
Tgt Ion:146 Resp: 246917
Ion Ratio Lower Upper
146 100
111 40.9 33.7 50.5
148 62.1 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 52.060 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

Tgt Ion: 75 Resp: 39494
Ion Ratio Lower Upper
75 100
155 77.4 66.8 100.2
157 104.4 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 41.824 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.000 min

Lab File: VV025876.D

Acq: 12 May 2022 12:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050293

Tgt Ion:180 Resp: 152005

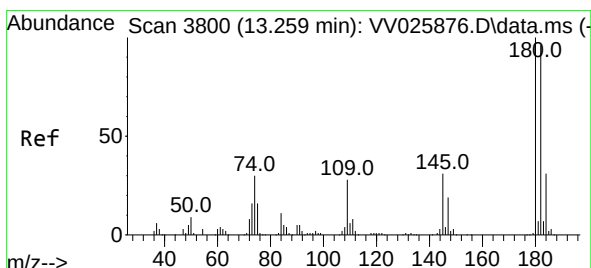
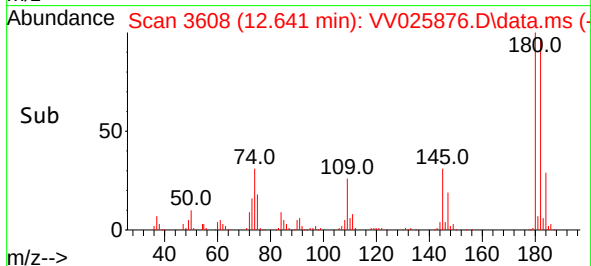
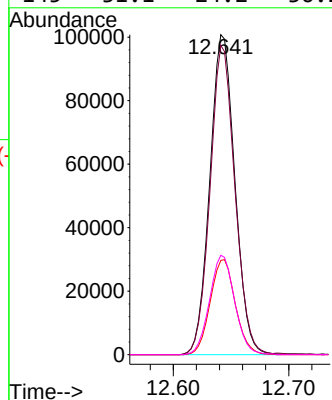
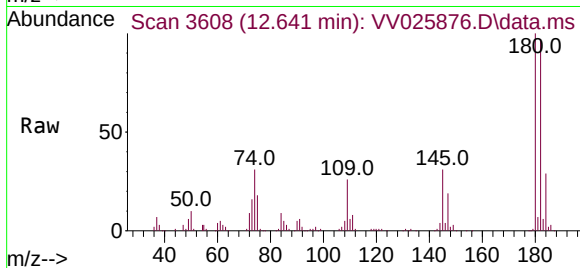
Ion Ratio Lower Upper

180 100

182 95.7 75.1 112.7

184 29.7 23.6 35.4

145 31.1 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 43.926 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV025876.D

Acq: 12 May 2022 12:20

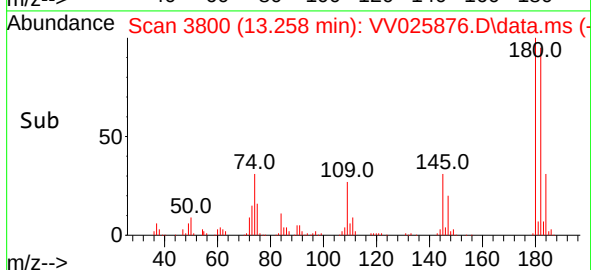
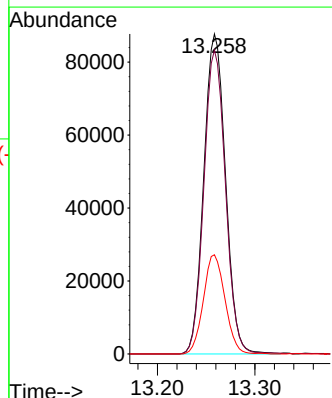
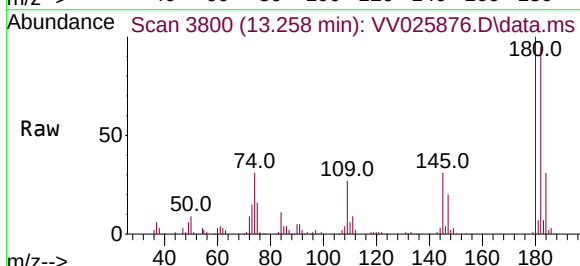
Tgt Ion:180 Resp: 135942

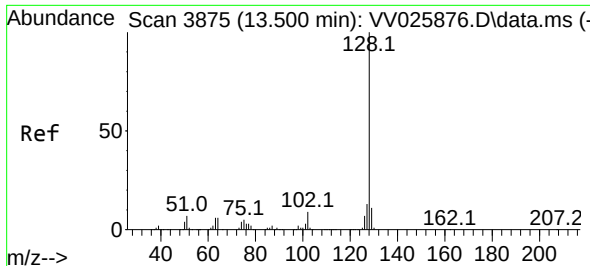
Ion Ratio Lower Upper

180 100

182 94.1 74.8 112.2

145 30.8 24.8 37.2

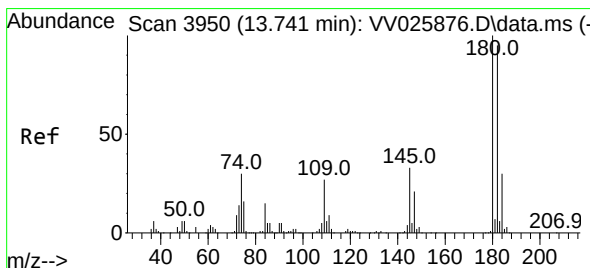
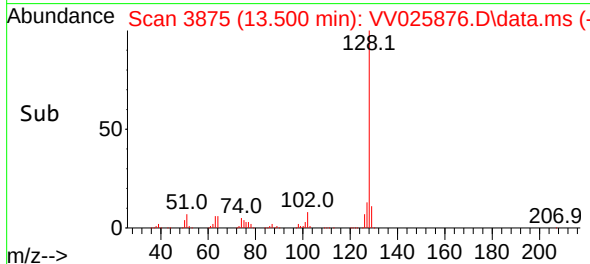
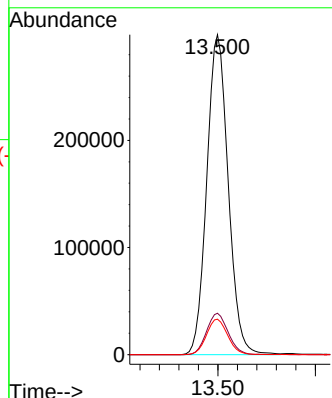
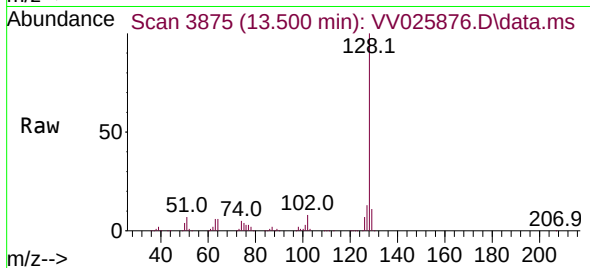




#71
Naphthalene
Concen: 49.779 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD050293

Tgt Ion:	128	Resp:	456245
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.1	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 46.504 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025876.D
Acq: 12 May 2022 12:20

Tgt Ion:	180	Resp:	146662
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.8	113.8
145	32.6	26.3	39.5

