

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025195.D
 Acq On : 26 Mar 2022 13:32
 Operator : SY/MD
 Sample : VSTD02029
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020229

Quant Time: Mar 28 01:06:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:02:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	161618	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	156469	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	80604	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	307498	23.066	ug/L	0.00
7) Chloroethane-d5	1.564	69	253465	25.134	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	703517	30.670	ug/L	0.00
20) 2-Butanone-d5	3.899	46	344281	223.052	ug/L	0.00
24) Chloroform-d	4.346	84	407516	19.350	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	177633	19.857	ug/L	0.00
32) Benzene-d6	5.047	84	816305	18.282	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	227921	17.794	ug/L	0.00
41) Toluene-d8	7.313	98	785839	19.227	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	85804	19.591	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	324875	215.162	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	152638	19.998	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	264371	19.450	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	328106	22.093	ug/L	99
3) Chloromethane	1.237	50	386478	26.230	ug/L	99
5) Vinyl chloride	1.307	62	434661	27.651	ug/L	98
6) Bromomethane	1.519	94	260894	26.295	ug/L	100
8) Chloroethane	1.584	64	268598	27.812	ug/L	98
9) Trichlorofluoromethane	1.751	101	607964	28.262	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	364227	31.034	ug/L	98
12) 1,1-Dichloroethene	2.114	96	354239	30.608	ug/L	89
13) Acetone	2.195	43	247165	234.540	ug/L	93
14) Carbon disulfide	2.291	76	748646	20.400	ug/L	99
15) Methyl Acetate	2.442	43	63751	22.456	ug/L	99
16) Methylene chloride	2.503	84	229093	18.230	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	447843	20.091	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	242328	19.565	ug/L	99
19) 1,1-Dichloroethane	3.188	63	401982	19.113	ug/L	99
21) 2-Butanone	3.986	43	352226	217.801	ug/L	88
22) cis-1,2-Dichloroethene	3.908	96	252418	20.300	ug/L	96
23) Bromochloromethane	4.246	128	102931	20.469	ug/L	96
25) Chloroform	4.371	83	433579	19.574	ug/L	98
27) 1,2-Dichloroethane	5.127	62	229390	20.617	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	394314	19.762	ug/L	99
30) Cyclohexane	4.677	56	367700	19.302	ug/L	98
31) Carbon tetrachloride	4.825	117	347441	20.257	ug/L	99
33) Benzene	5.095	78	960894	19.044	ug/L	100
34) Trichloroethene	5.912	95	256876	19.139	ug/L	97
35) Methylcyclohexane	6.130	83	434332	20.566	ug/L	99
37) 1,2-Dichloropropane	6.172	63	220344	19.067	ug/L	98
38) Bromodichloromethane	6.506	83	285890	19.523	ug/L	96
39) cis-1,3-Dichloropropene	7.024	75	324182	20.450	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	965719	205.738	ug/L	100
42) Toluene	7.384	91	1068440	20.134	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	263292	21.222	ug/L	95

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

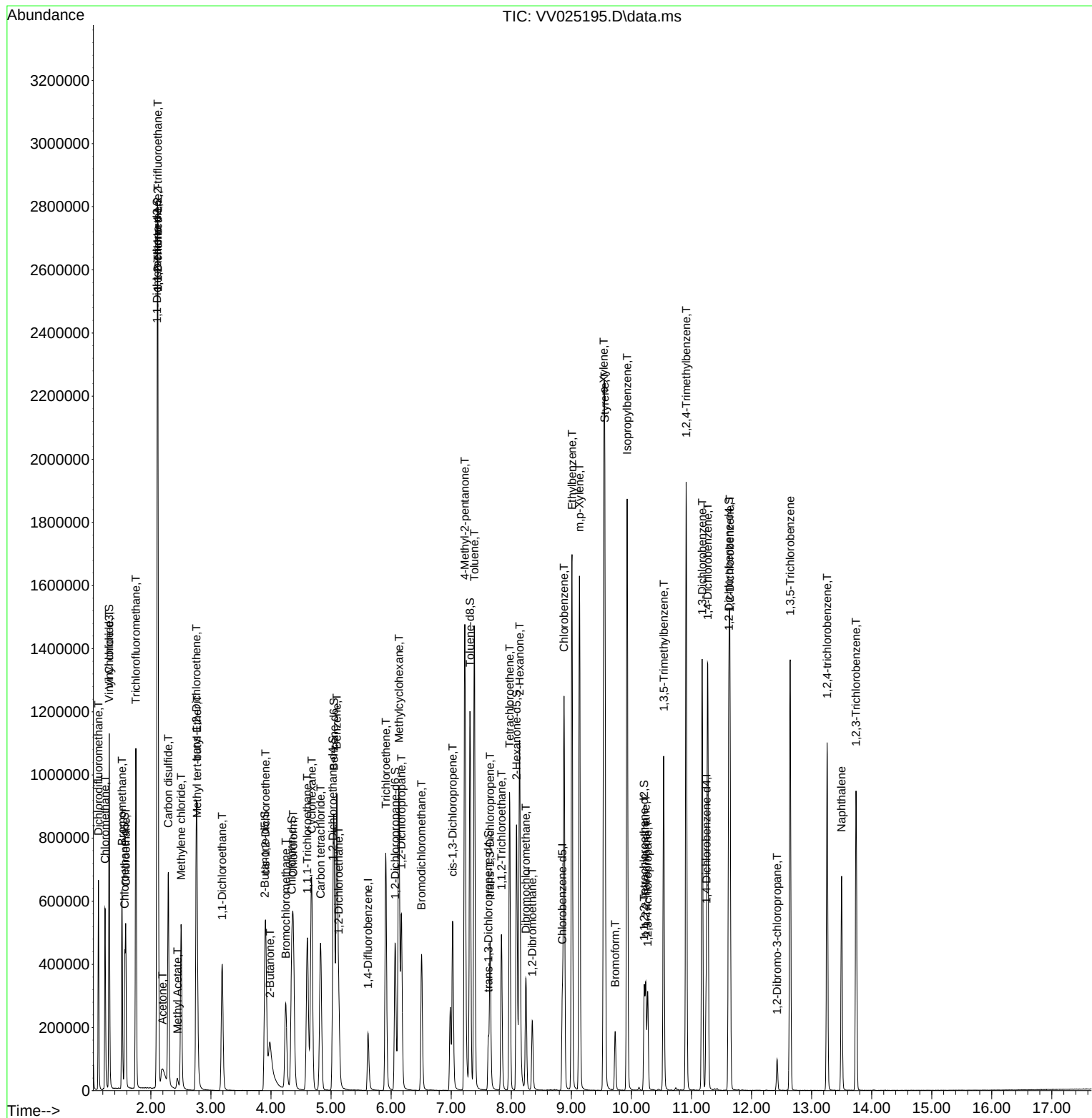
45) 1,1,2-Trichloroethane	7.838	97	153409	19.744	ug/L	98
47) Tetrachloroethene	7.973	164	198117	20.523	ug/L	98
48) 2-Hexanone	8.140	43	677215	201.819	ug/L	98
49) Dibromochloromethane	8.243	129	178148	20.701	ug/L	99
50) 1,2-Dibromoethane	8.349	107	142779	20.050	ug/L #	100
51) Chlorobenzene	8.879	112	662586	19.876	ug/L	99
52) Ethylbenzene	9.011	91	1170873	20.902	ug/L	99
53) m,p-Xylene	9.137	106	465456	21.590	ug/L	99
54) o-Xylene	9.542	106	445453	21.532	ug/L	96
55) Styrene	9.558	104	749016	22.180	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	156396	20.428	ug/L	99
59) Bromoform	9.731	173	79403	19.069	ug/L	99
60) Isopropylbenzene	9.931	105	1202828	20.064	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	121949	18.114	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	555687	20.594	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	1020934	21.286	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	531186	20.171	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	522307	19.650	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	467657	19.953	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	23142	20.090	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	392202	20.987	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	311547	21.530	ug/L	98
71) Naphthalene	13.500	128	515742	21.657	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	262327	21.362	ug/L	99

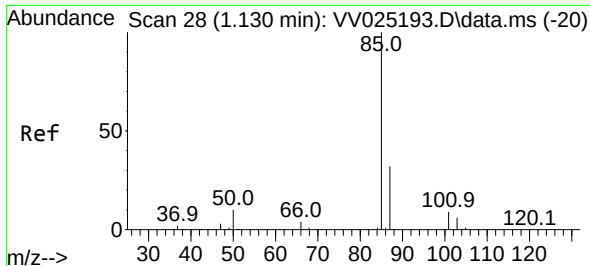
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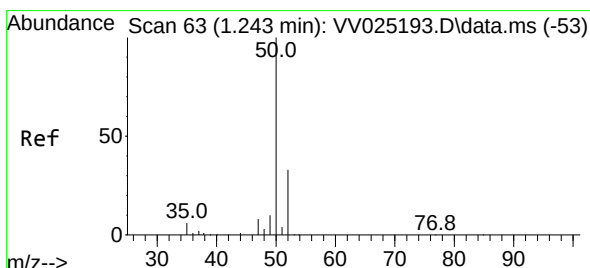
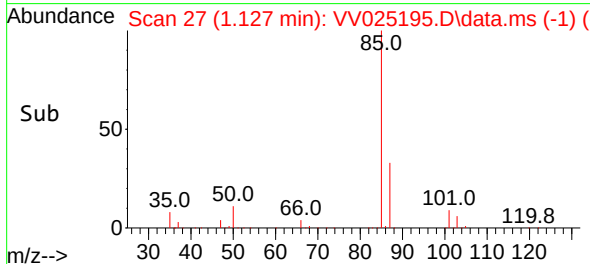
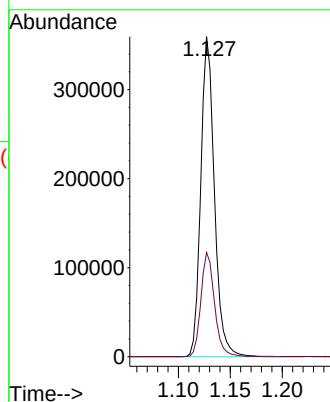
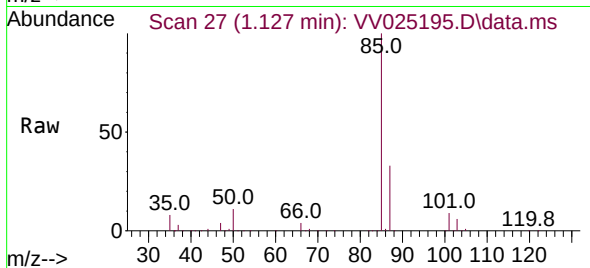




#2
 Dichlorodifluoromethane
 Concen: 22.093 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV025195.D
 Acq: 26 Mar 2022 13:32

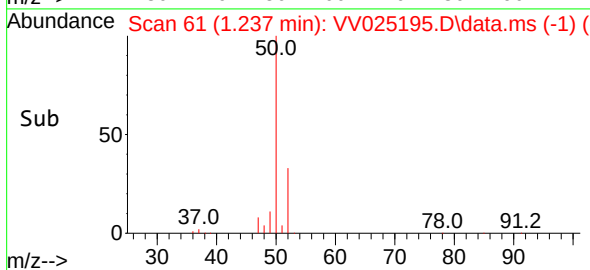
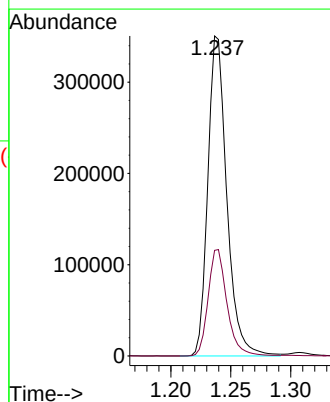
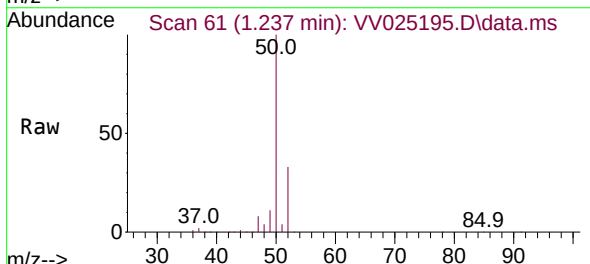
Instrument :
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 ClientSampleId :
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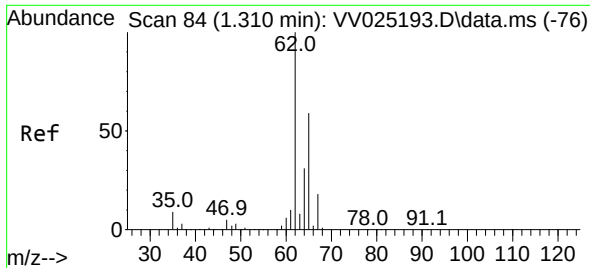
Tgt Ion: 85 Resp: 328106
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.6



#3
 Chloromethane
 Concen: 26.230 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VV025195.D
 Acq: 26 Mar 2022 13:32

Tgt Ion: 50 Resp: 386478
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.9 42.5

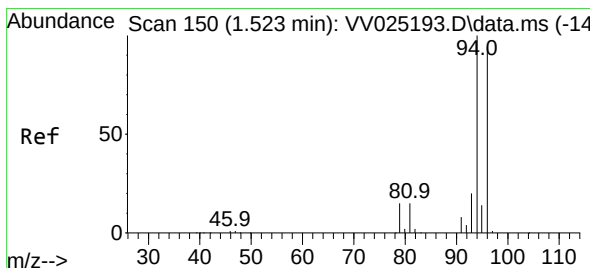
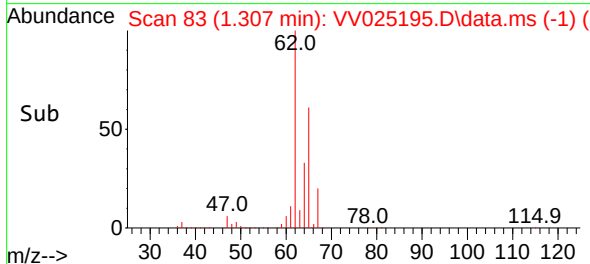
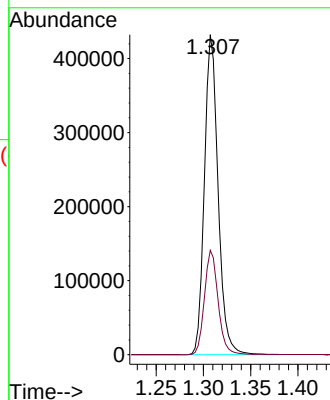
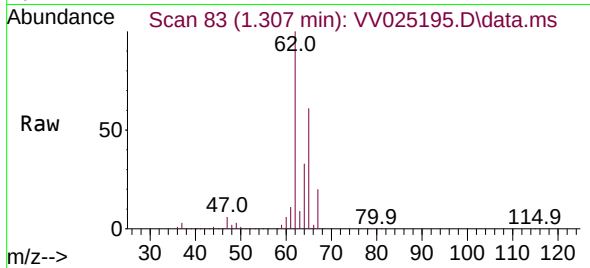




#5
 Vinyl chloride
 Concen: 27.651 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV025195.D
 Acq: 26 Mar 2022 13:32

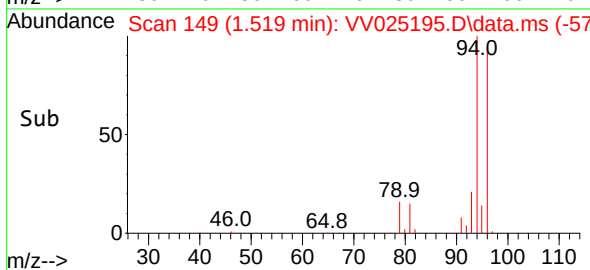
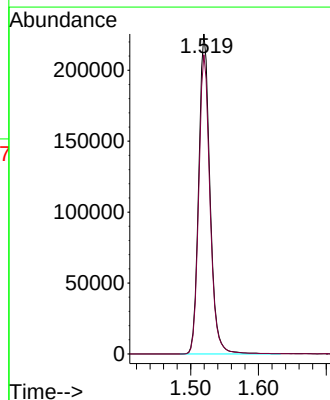
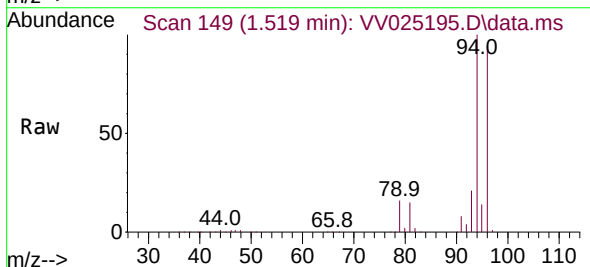
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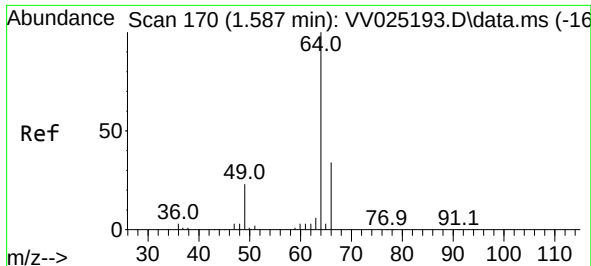
Tgt Ion: 62 Resp: 434661
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.0 40.8



#6
 Bromomethane
 Concen: 26.295 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV025195.D
 Acq: 26 Mar 2022 13:32

Tgt Ion: 94 Resp: 260894
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.5 121.7

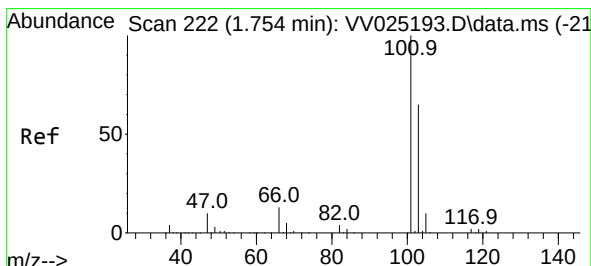
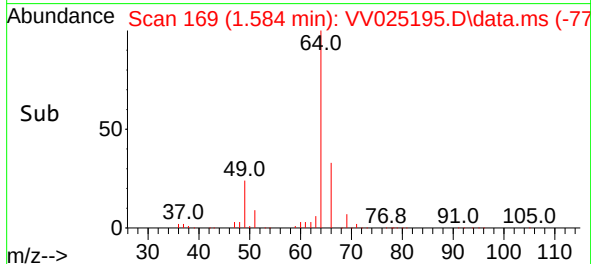
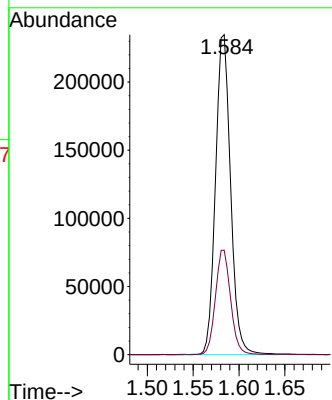
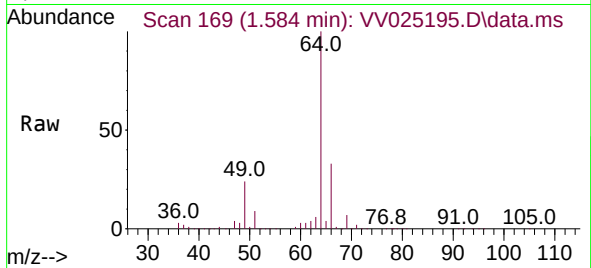




#8
Chloroethane
Concen: 27.812 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

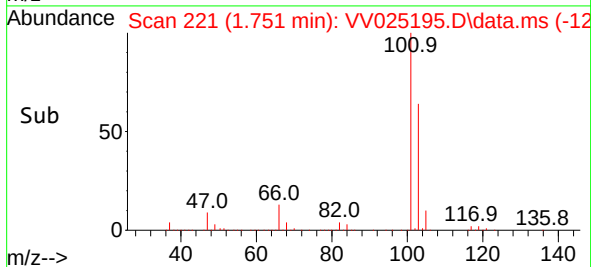
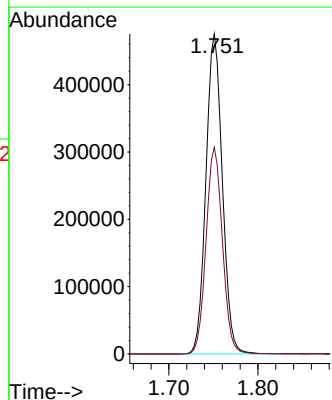
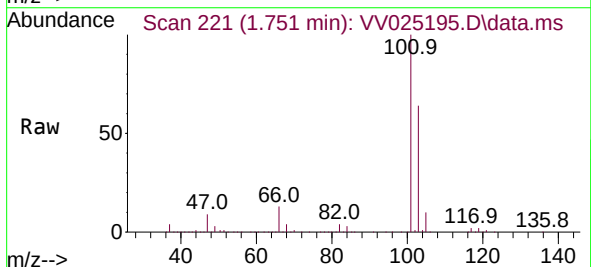
Instrument :
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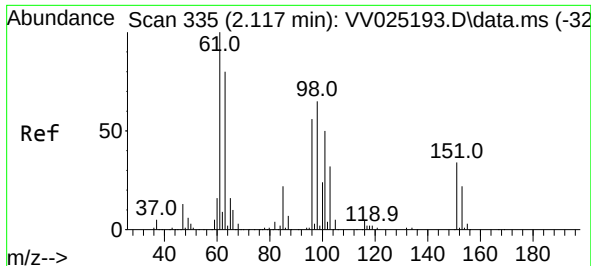
Tgt Ion: 64 Resp: 268598
Ion Ratio Lower Upper
64 100
66 32.6 23.5 43.7



#9
Trichlorofluoromethane
Concen: 28.262 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

Tgt Ion:101 Resp: 607964
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.2

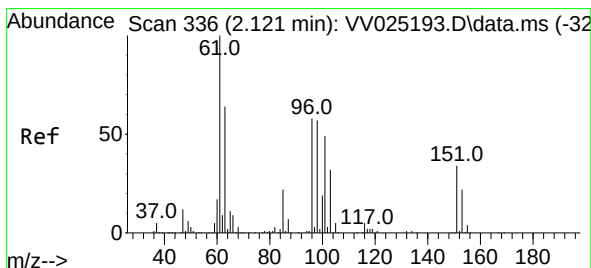
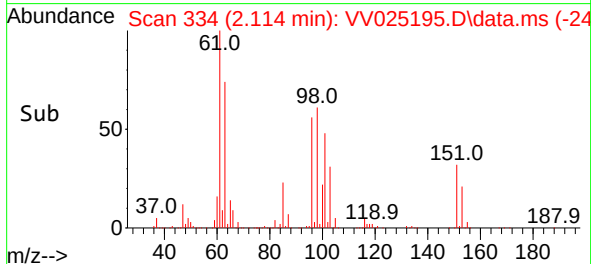
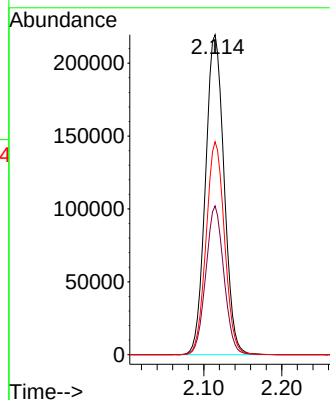
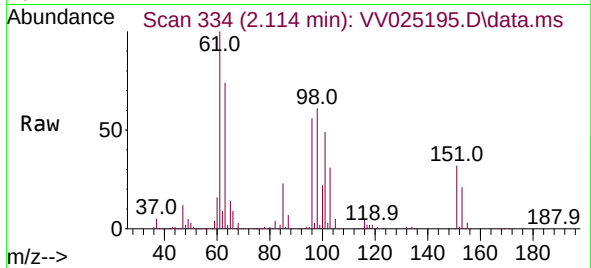




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 31.034 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

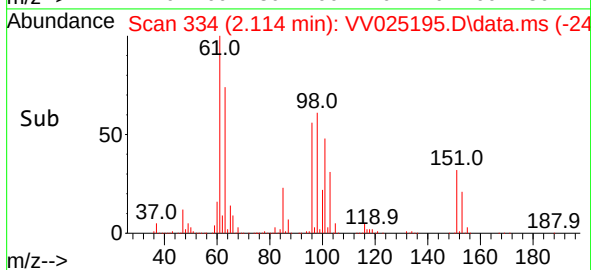
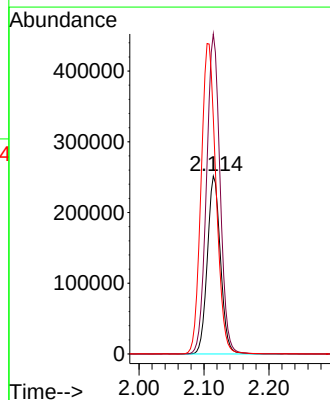
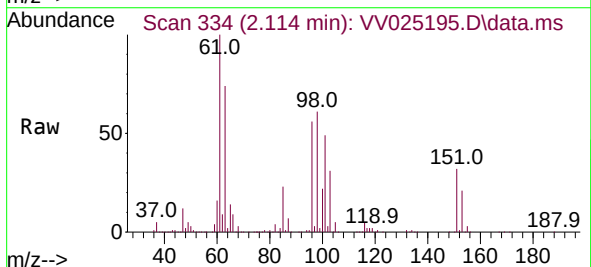
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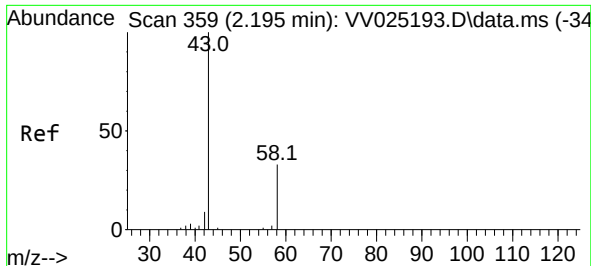
Tgt Ion:101 Resp: 364227
Ion Ratio Lower Upper
101 100
85 45.2 36.0 54.0
151 65.9 54.6 81.8



#12
1,1-Dichloroethene
Concen: 30.608 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.006 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

Tgt Ion: 96 Resp: 354239
Ion Ratio Lower Upper
96 100
61 179.9 121.5 225.7
63 132.7 77.9 144.7

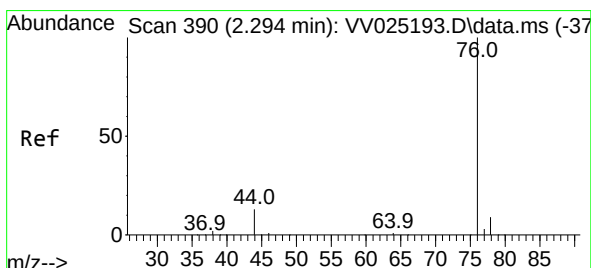
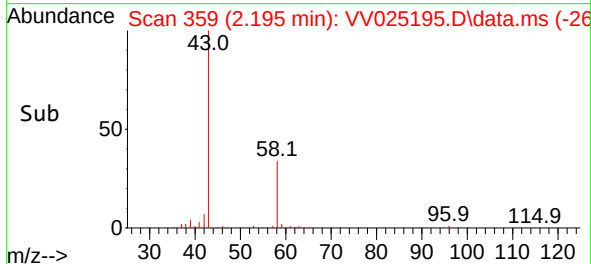
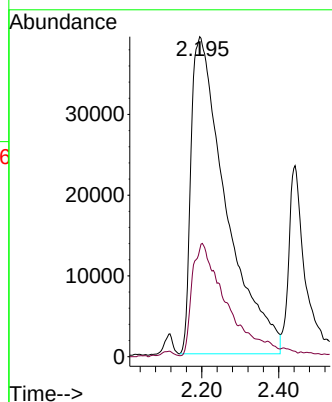
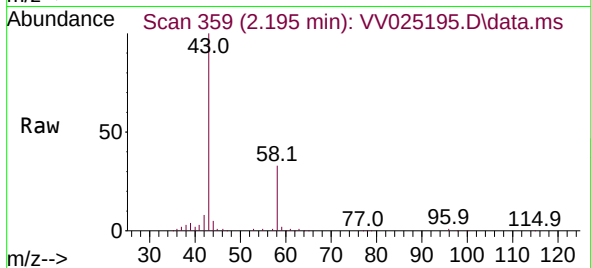




#13
Acetone
Concen: 234.540 ug/L
RT: 2.195 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

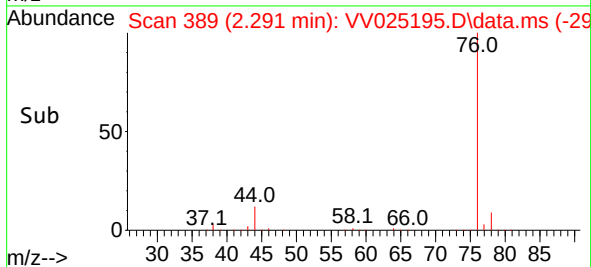
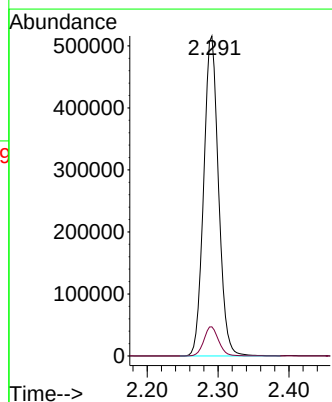
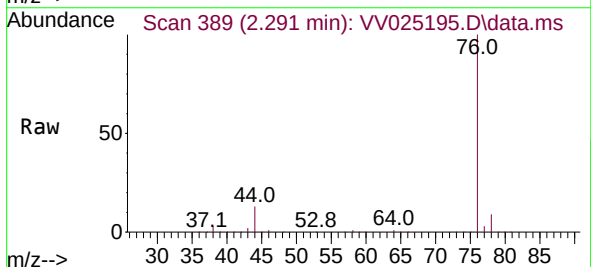
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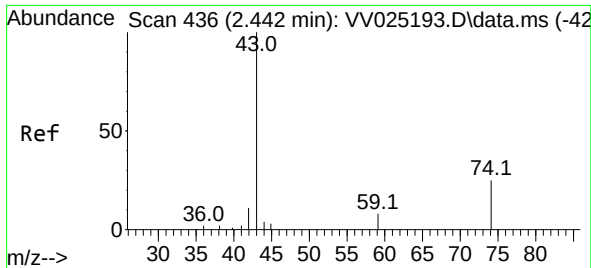
Tgt Ion: 43 Resp: 247165
Ion Ratio Lower Upper
43 100
58 29.2 0.0 51.2



#14
Carbon disulfide
Concen: 20.400 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
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Tgt Ion: 76 Resp: 748646
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

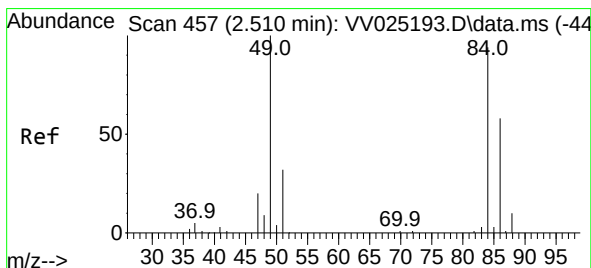
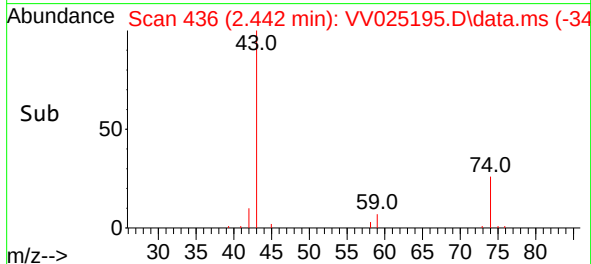
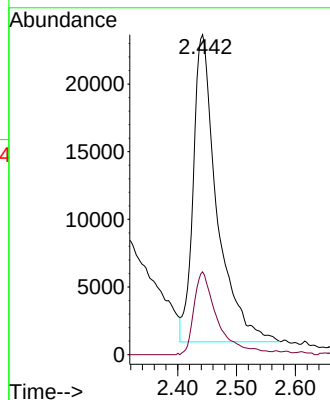
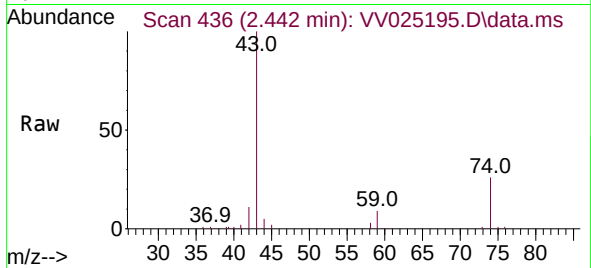




#15
Methyl Acetate
Concen: 22.456 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

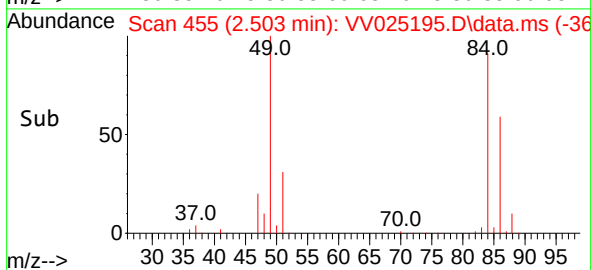
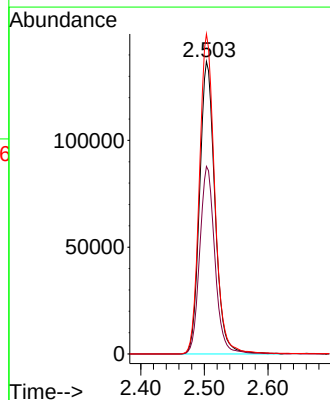
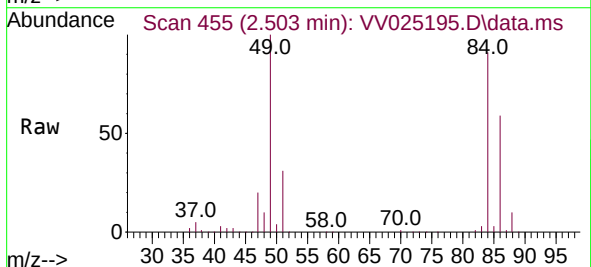
Instrument :
MSVOA_V
ClientSampleId :
VSTD020229

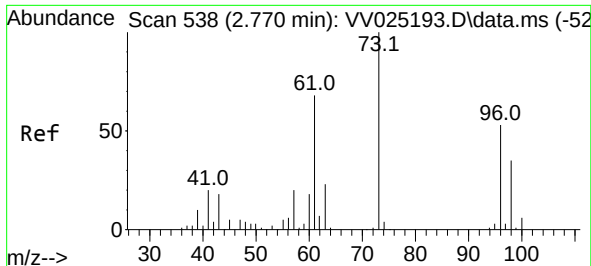
Tgt Ion: 43 Resp: 63751
Ion Ratio Lower Upper
43 100
74 25.7 20.9 31.3



#16
Methylene chloride
Concen: 18.230 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.006 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

Tgt Ion: 84 Resp: 229093
Ion Ratio Lower Upper
84 100
86 64.1 43.5 80.7
49 109.4 74.5 138.3

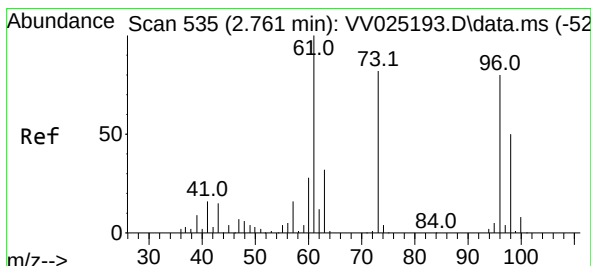
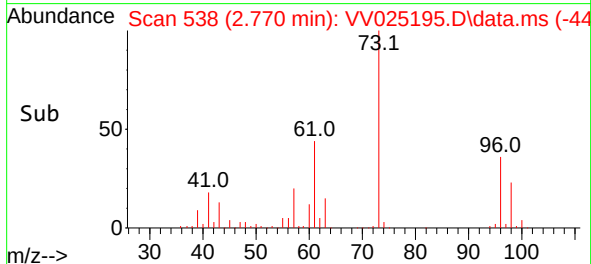
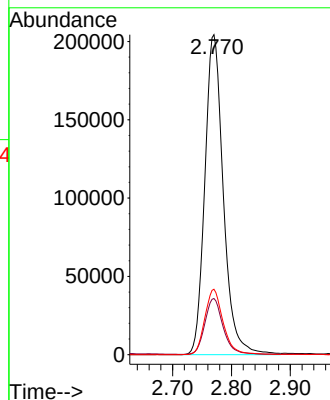
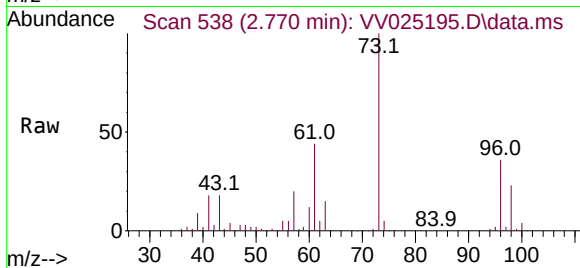




#17
Methyl tert-butyl Ether
Concen: 20.091 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

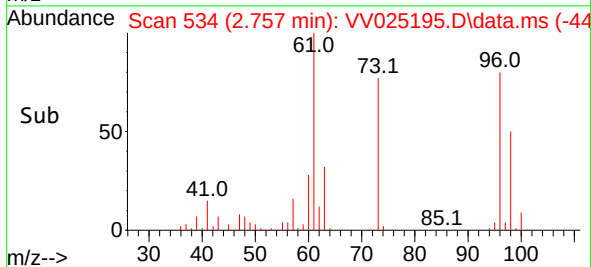
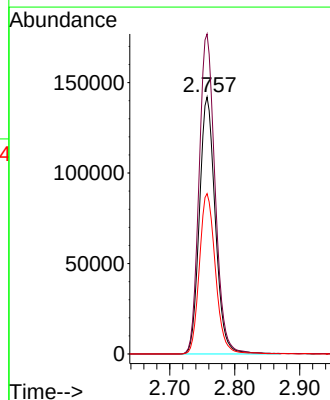
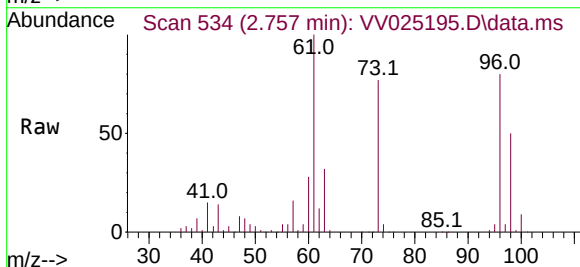
Instrument :
MSVOA_V
ClientSampleId :
VSTD020229

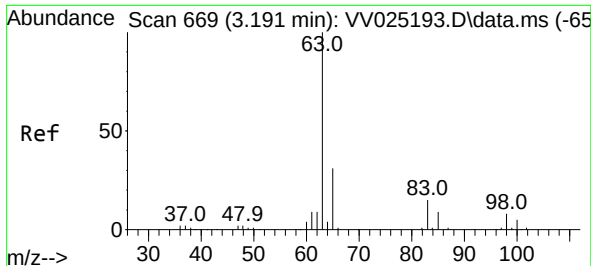
Tgt Ion: 73 Resp: 447843
Ion Ratio Lower Upper
73 100
43 17.1 13.5 20.3
57 20.3 16.4 24.6



#18
trans-1,2-Dichloroethene
Concen: 19.565 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

Tgt Ion: 96 Resp: 242328
Ion Ratio Lower Upper
96 100
61 124.5 87.6 162.8
98 62.4 44.0 81.8





#19

1,1-Dichloroethane

Concen: 19.113 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV025195.D

Acq: 26 Mar 2022 13:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD020229

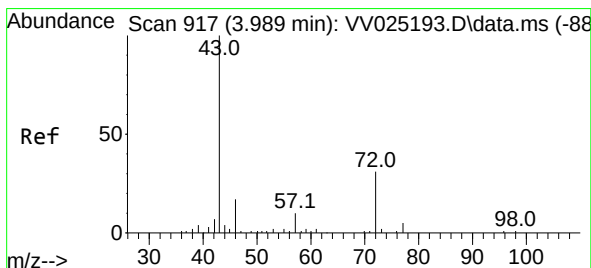
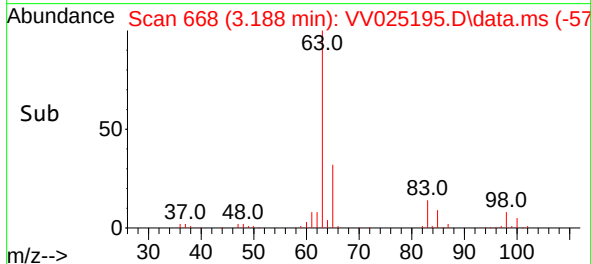
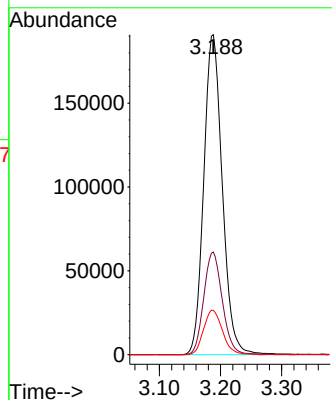
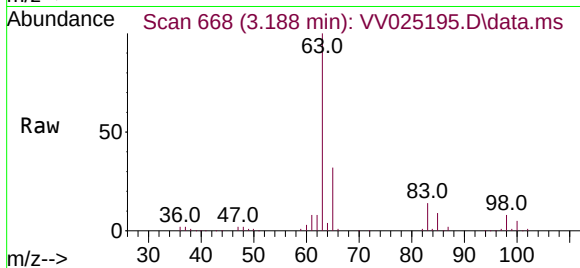
Tgt Ion: 63 Resp: 401982

Ion Ratio Lower Upper

63 100

65 32.1 22.0 40.8

83 13.9 10.2 19.0



#21

2-Butanone

Concen: 217.801 ug/L

RT: 3.986 min Scan# 916

Delta R.T. -0.003 min

Lab File: VV025195.D

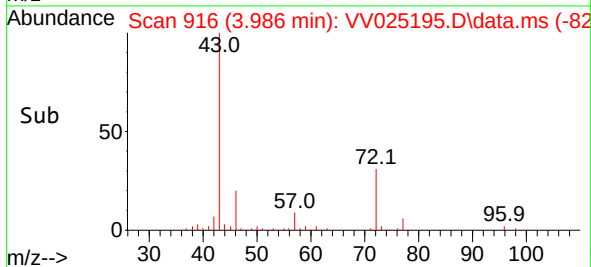
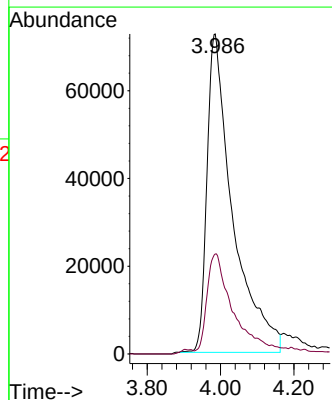
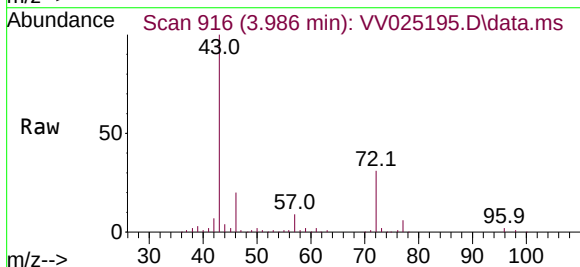
Acq: 26 Mar 2022 13:32

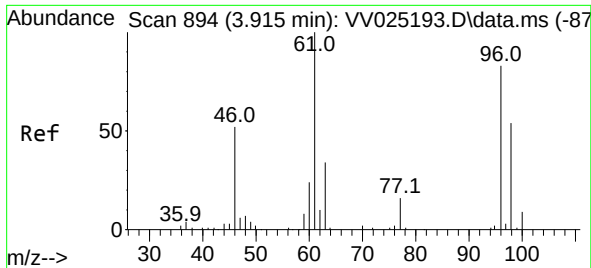
Tgt Ion: 43 Resp: 352226

Ion Ratio Lower Upper

43 100

72 29.6 11.8 35.4

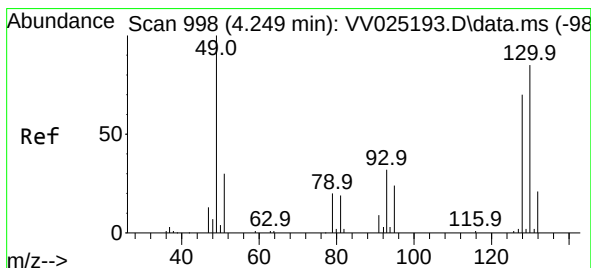
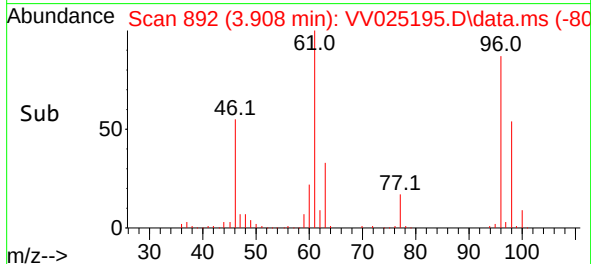
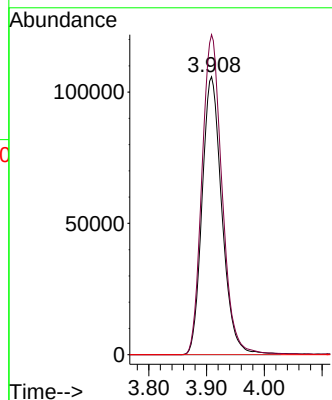
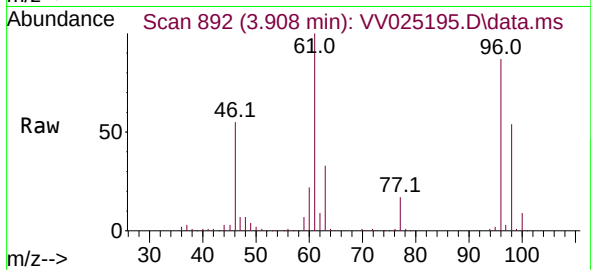




#22
 cis-1,2-Dichloroethene
 Concen: 20.300 ug/L
 RT: 3.908 min Scan# 894
 Delta R.T. -0.006 min
 Lab File: VV025195.D
 Acq: 26 Mar 2022 13:32

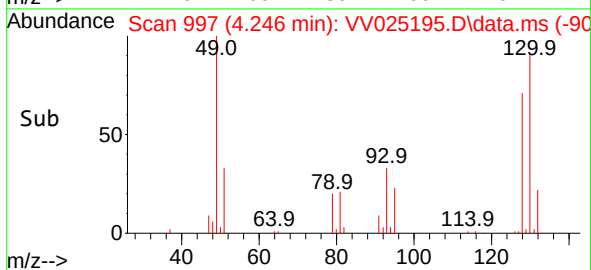
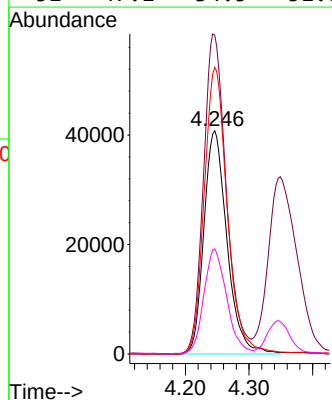
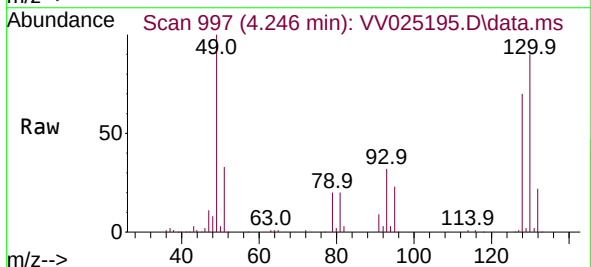
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020229

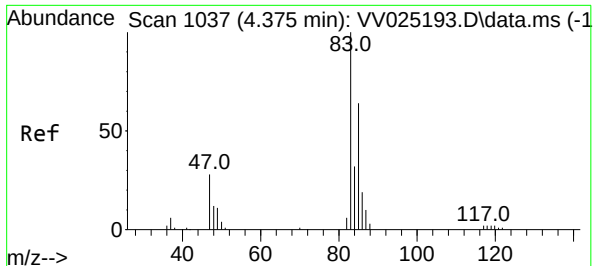
Tgt Ion: 96 Resp: 252418
 Ion Ratio Lower Upper
 96 100
 61 115.2 84.1 156.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 20.469 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.003 min
 Lab File: VV025195.D
 Acq: 26 Mar 2022 13:32

Tgt Ion: 128 Resp: 102931
 Ion Ratio Lower Upper
 128 100
 49 142.8 101.4 188.4
 130 128.4 85.0 158.0
 51 47.1 34.5 51.7





#25

Chloroform

Concen: 19.574 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV025195.D

Acq: 26 Mar 2022 13:32

Instrument :

MSVOA_V

ClientSampleId :

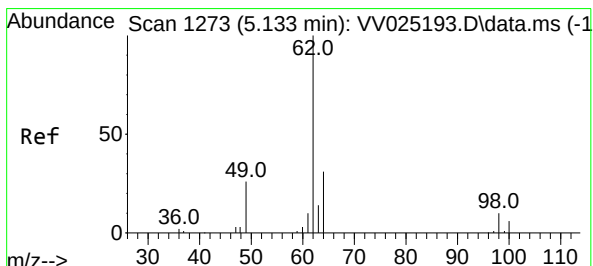
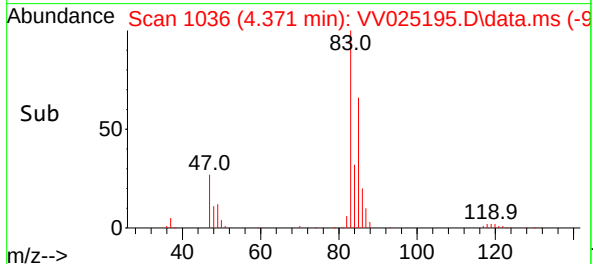
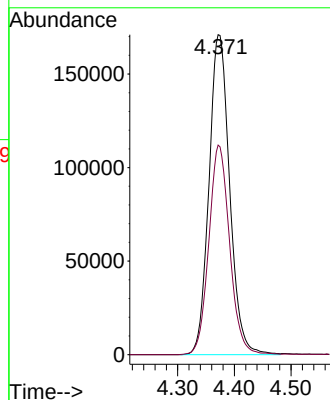
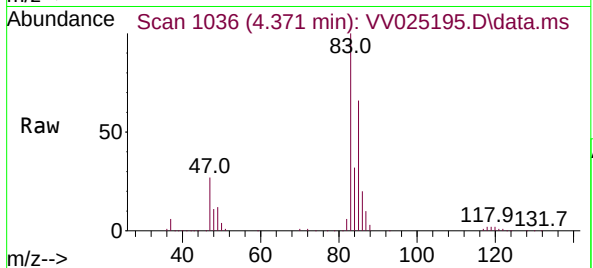
VSTD020229

Tgt Ion: 83 Resp: 433579

Ion Ratio Lower Upper

83 100

85 65.5 44.7 82.9



#27

1,2-Dichloroethane

Concen: 20.617 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.006 min

Lab File: VV025195.D

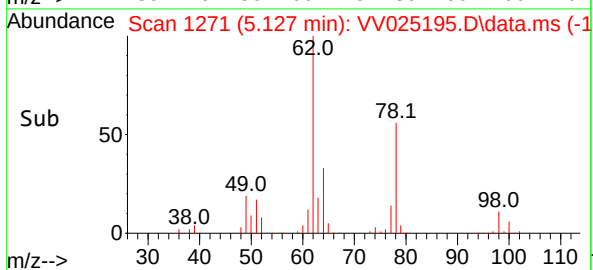
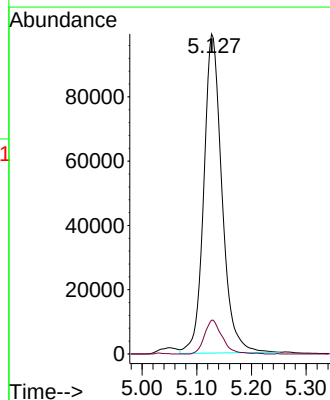
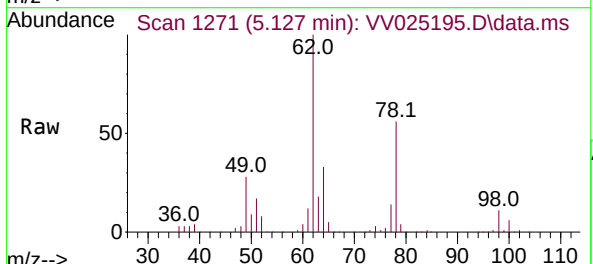
Acq: 26 Mar 2022 13:32

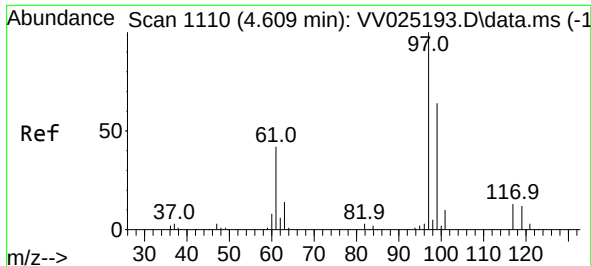
Tgt Ion: 62 Resp: 229390

Ion Ratio Lower Upper

62 100

98 10.6 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 19.762 ug/L

RT: 4.606 min Scan# 1110

Delta R.T. -0.003 min

Lab File: VV025195.D

Acq: 26 Mar 2022 13:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD020229

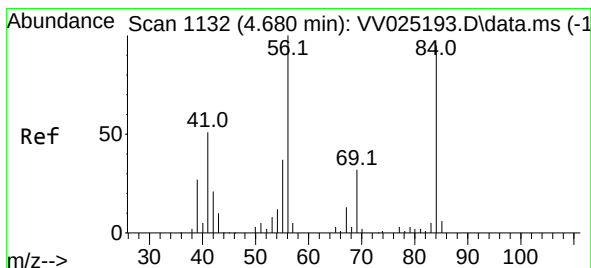
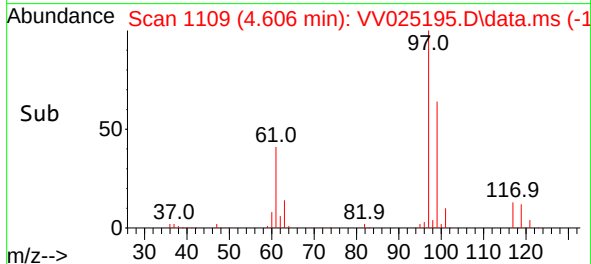
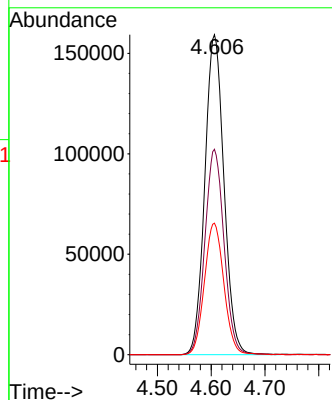
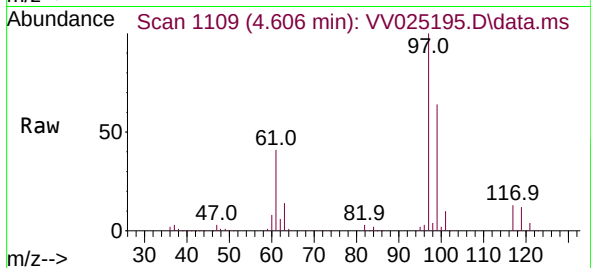
Tgt Ion: 97 Resp: 394314

Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 41.7 34.2 51.2



#30

Cyclohexane

Concen: 19.302 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV025195.D

Acq: 26 Mar 2022 13:32

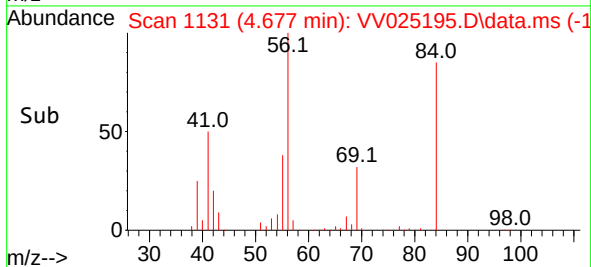
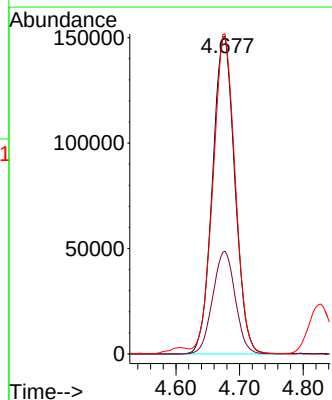
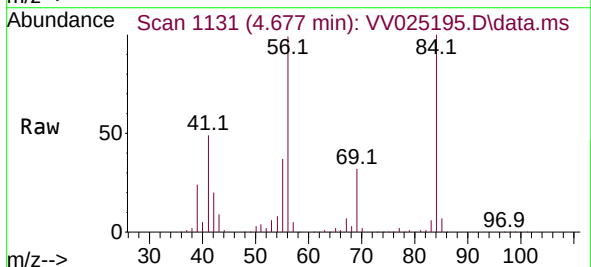
Tgt Ion: 56 Resp: 367700

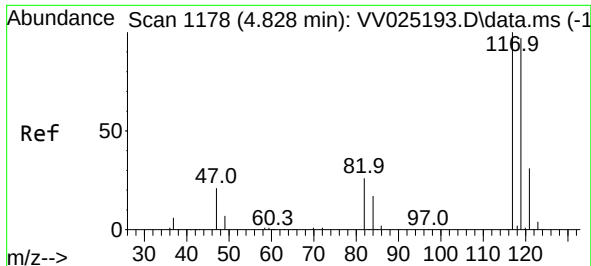
Ion Ratio Lower Upper

56 100

69 32.6 25.3 37.9

84 99.7 78.4 117.6

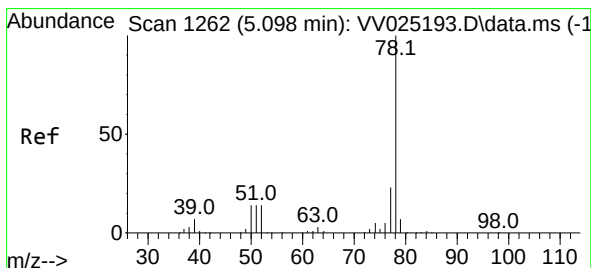
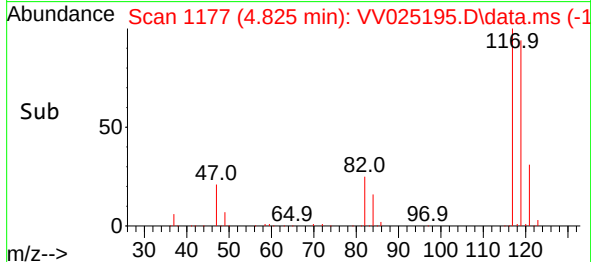
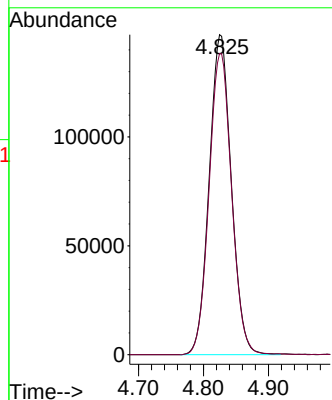
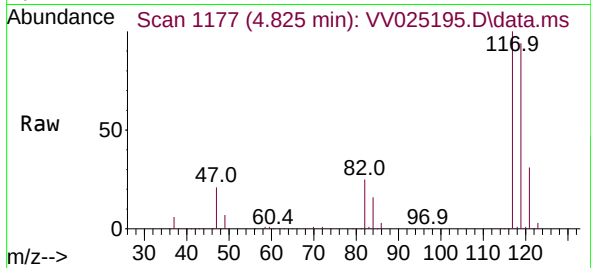




#31
Carbon tetrachloride
Concen: 20.257 ug/L
RT: 4.825 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

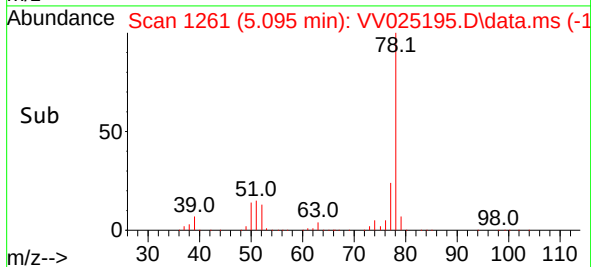
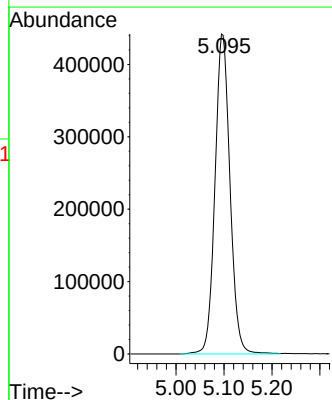
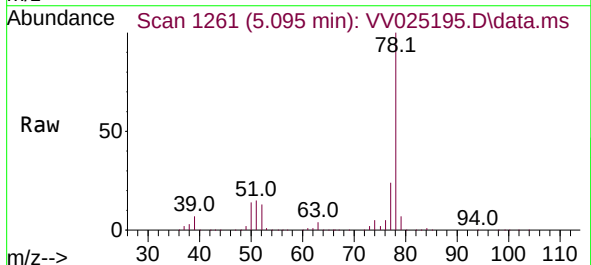
Instrument :
MSVOA_V
ClientSampleId :
VSTD020229

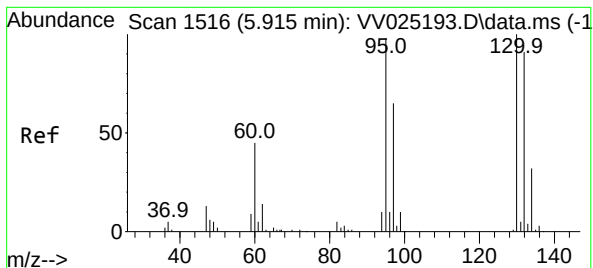
Tgt Ion:117 Resp: 347441
Ion Ratio Lower Upper
117 100
119 95.9 77.8 116.6



#33
Benzene
Concen: 19.044 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

Tgt Ion: 78 Resp: 960894





#34

Trichloroethene

Concen: 19.139 ug/L

RT: 5.912 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025195.D

Acq: 26 Mar 2022 13:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD020229

Tgt Ion: 95 Resp: 256876

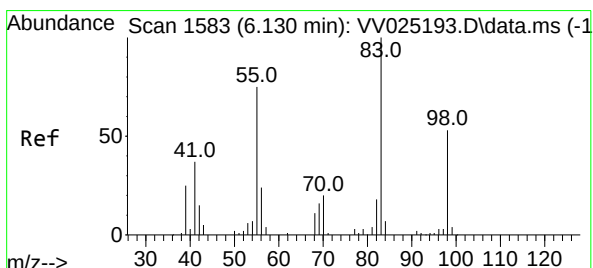
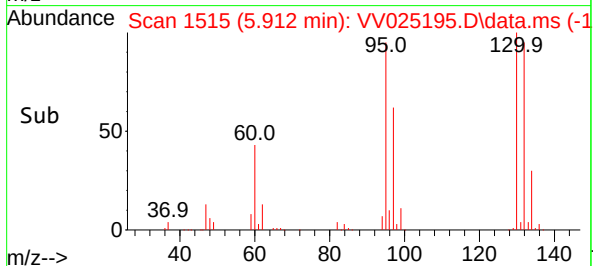
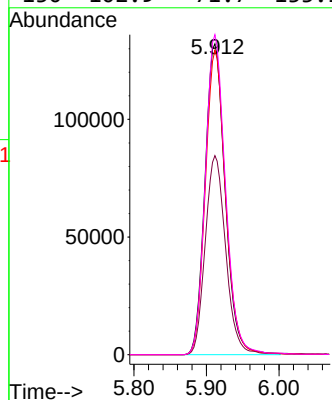
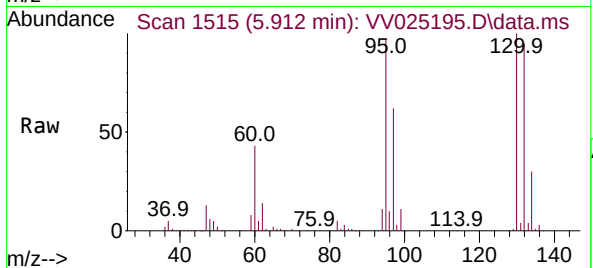
Ion Ratio Lower Upper

95 100

97 64.0 46.3 85.9

132 97.9 65.2 121.2

130 102.9 71.7 133.1



#35

Methylcyclohexane

Concen: 20.566 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV025195.D

Acq: 26 Mar 2022 13:32

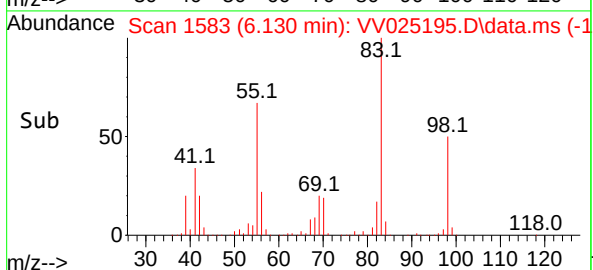
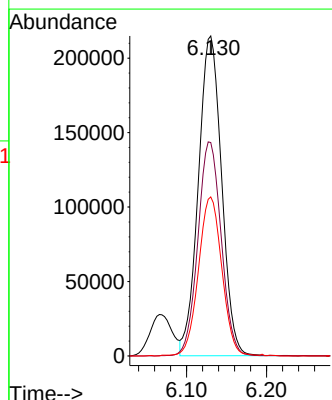
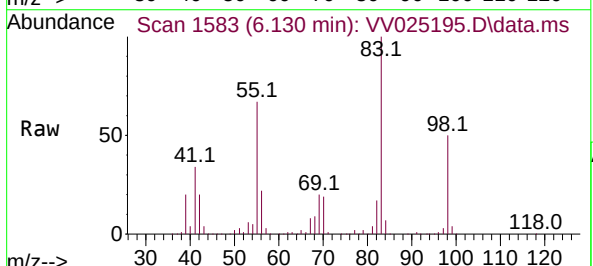
Tgt Ion: 83 Resp: 434332

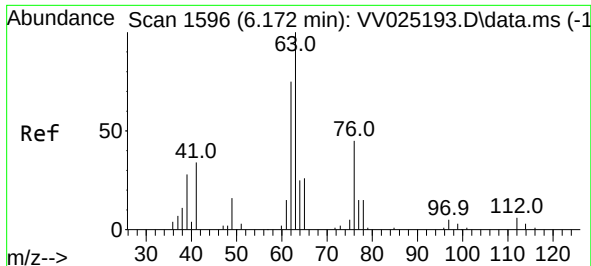
Ion Ratio Lower Upper

83 100

55 67.3 54.6 81.8

98 50.2 39.8 59.6





#37

1,2-Dichloropropane

Concen: 19.067 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV025195.D

Acq: 26 Mar 2022 13:32

Instrument :

MSVOA_V

ClientSampleId :

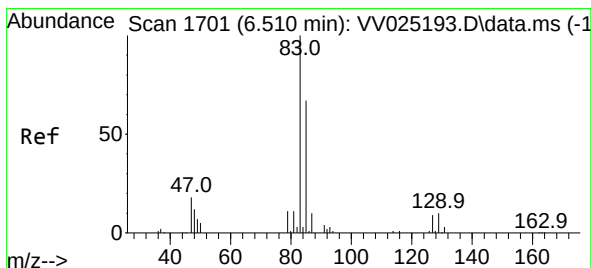
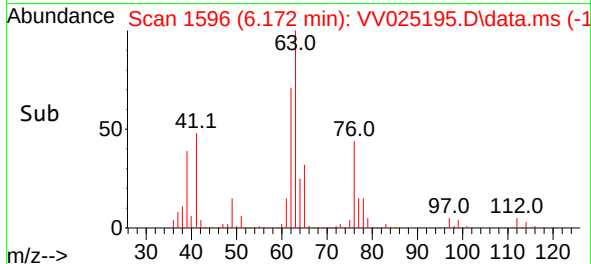
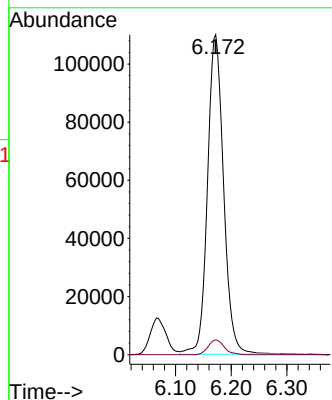
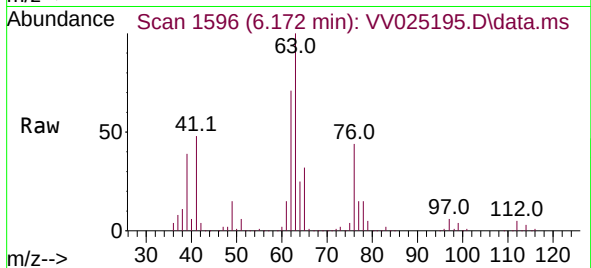
VSTD020229

Tgt Ion: 63 Resp: 220344

Ion Ratio Lower Upper

63 100

112 4.6 4.2 6.2



#38

Bromodichloromethane

Concen: 19.523 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV025195.D

Acq: 26 Mar 2022 13:32

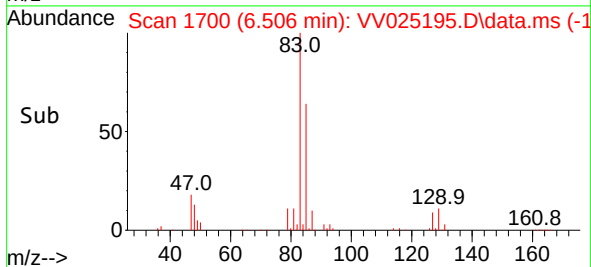
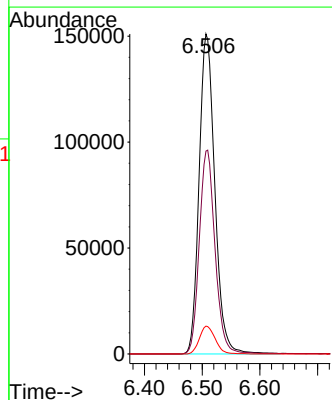
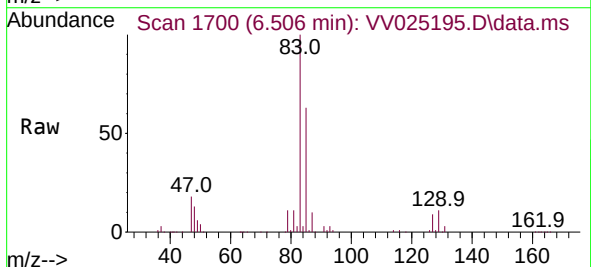
Tgt Ion: 83 Resp: 285890

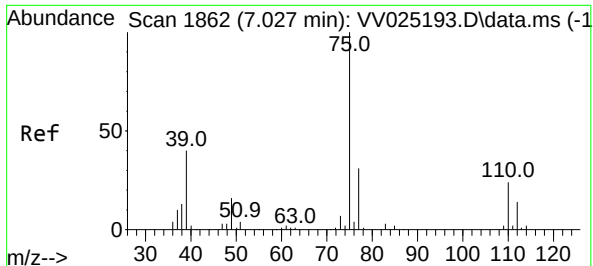
Ion Ratio Lower Upper

83 100

85 63.4 47.2 87.6

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 20.450 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV025195.D

Acq: 26 Mar 2022 13:32

Instrument :

MSVOA_V

ClientSampleId :

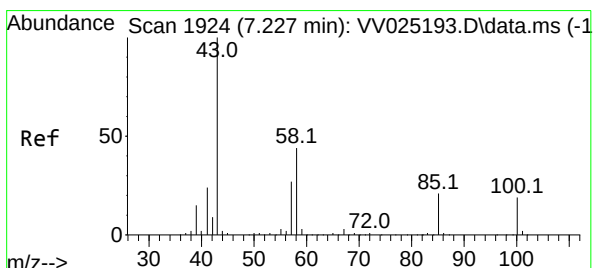
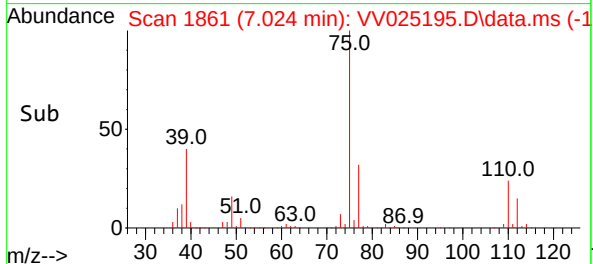
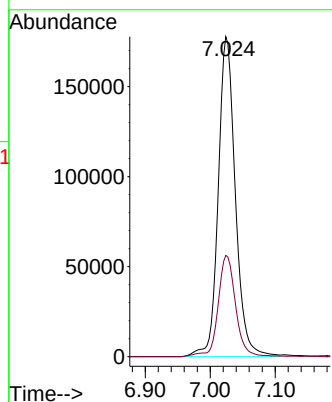
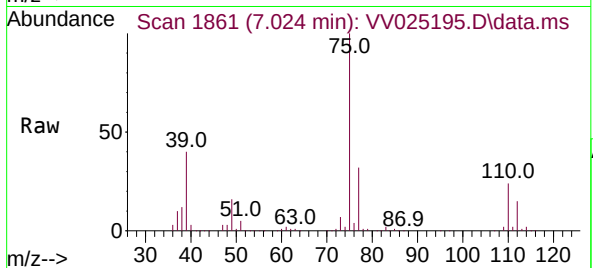
VSTD020229

Tgt Ion: 75 Resp: 324182

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 205.738 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV025195.D

Acq: 26 Mar 2022 13:32

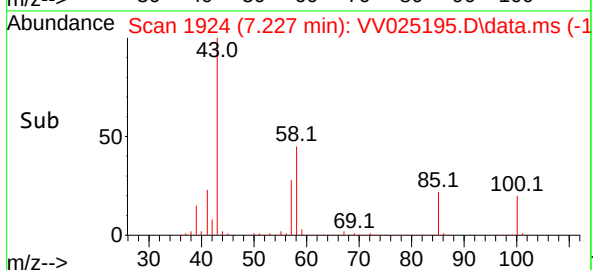
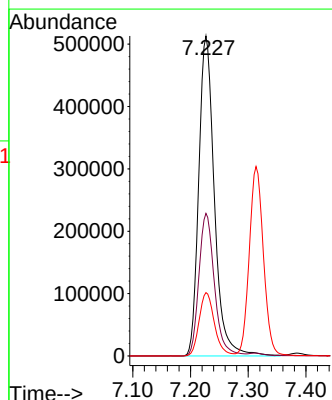
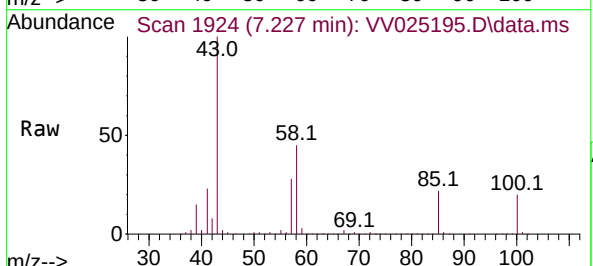
Tgt Ion: 43 Resp: 965719

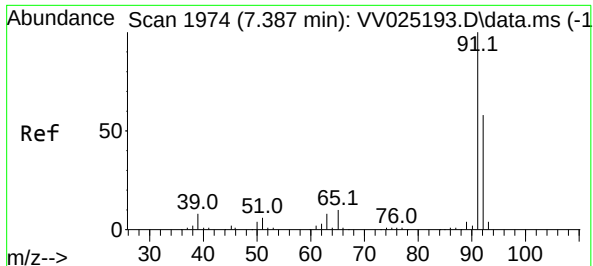
Ion Ratio Lower Upper

43 100

58 44.2 35.1 52.7

100 19.4 15.5 23.3





#42

Toluene

Concen: 20.134 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV025195.D

Acq: 26 Mar 2022 13:32

Instrument :

MSVOA_V

ClientSampleId :

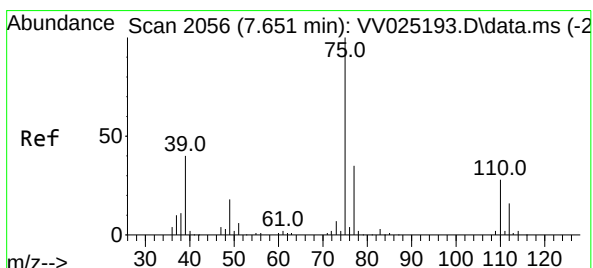
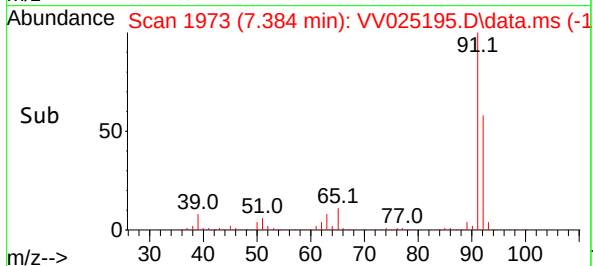
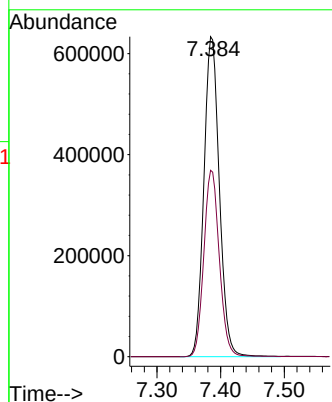
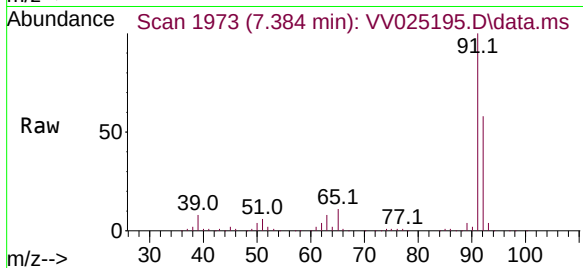
VSTD020229

Tgt Ion: 91 Resp: 1068440

Ion Ratio Lower Upper

91 100

92 58.3 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 21.222 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV025195.D

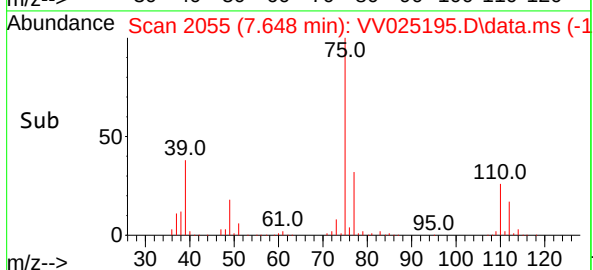
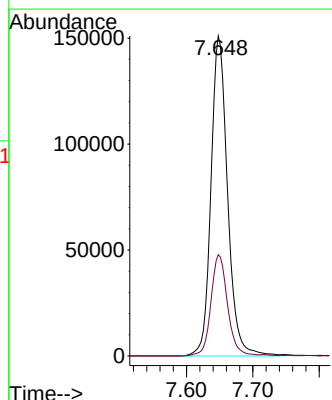
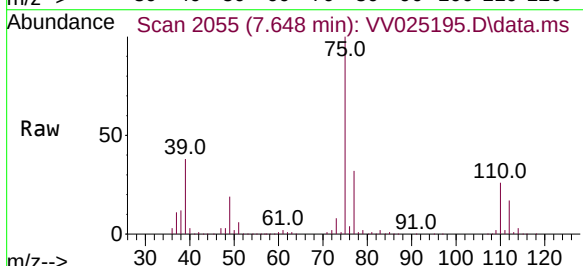
Acq: 26 Mar 2022 13:32

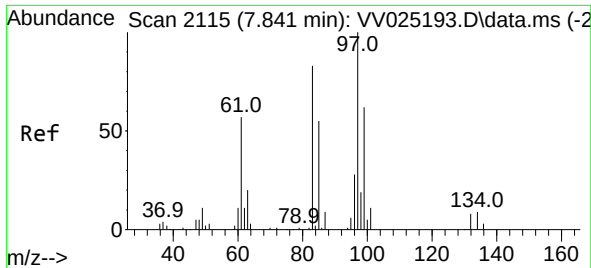
Tgt Ion: 75 Resp: 263292

Ion Ratio Lower Upper

75 100

77 31.6 24.2 45.0



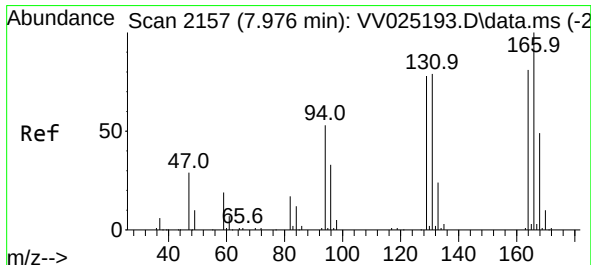
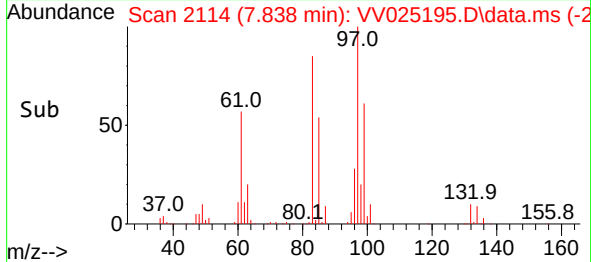
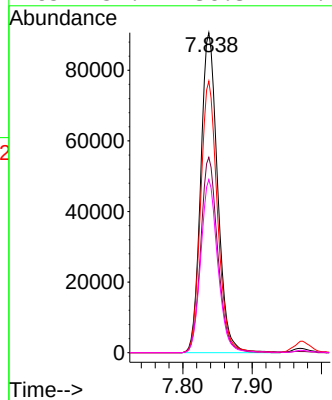
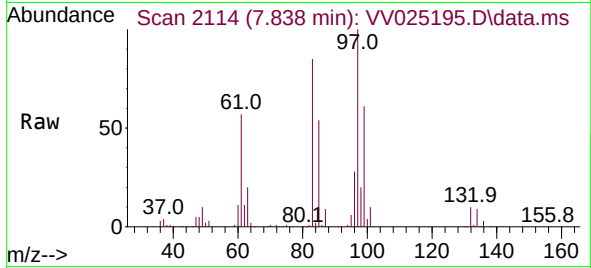


#45
1,1,2-Trichloroethane
Concen: 19.744 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD020229

Tgt Ion: 97 Resp: 153409

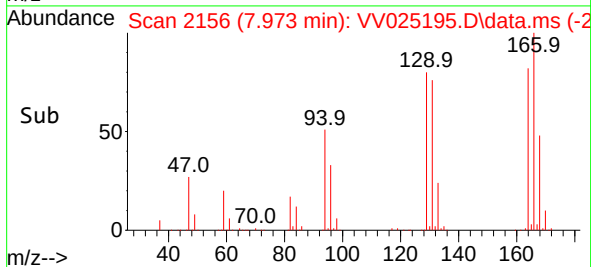
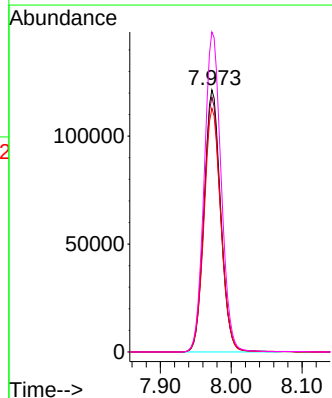
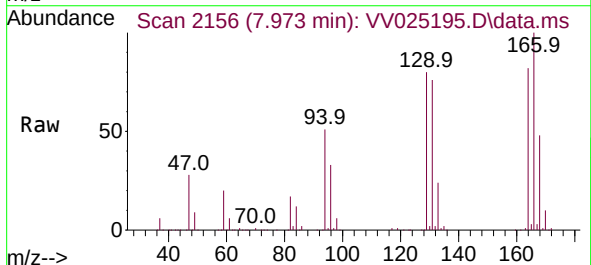
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.3	80.5
83	84.8	58.0	107.6
85	54.1	38.3	71.1

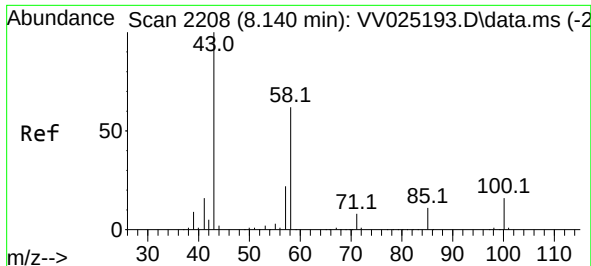


#47
Tetrachloroethene
Concen: 20.523 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

Tgt Ion: 164 Resp: 198117

Ion	Ratio	Lower	Upper
164	100		
129	97.3	67.5	125.4
131	93.0	68.0	126.4
166	122.1	86.2	160.2



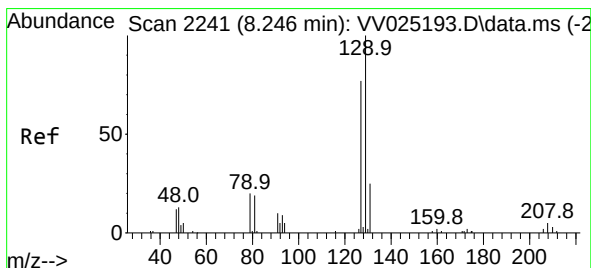
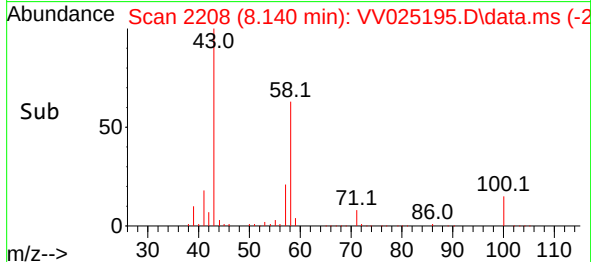
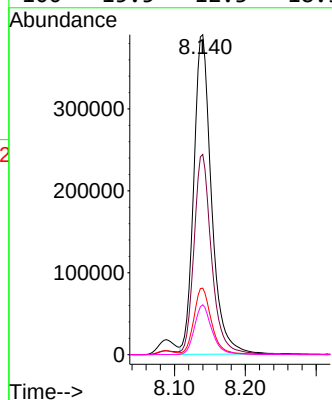
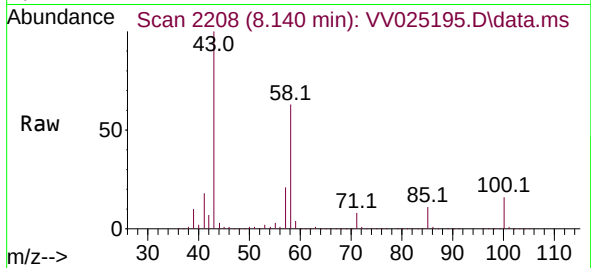


#48
2-Hexanone
Concen: 201.819 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD020229

Tgt Ion: 43 Resp: 677215

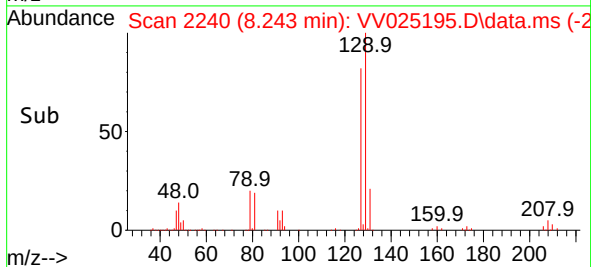
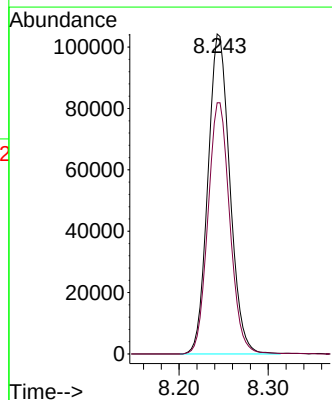
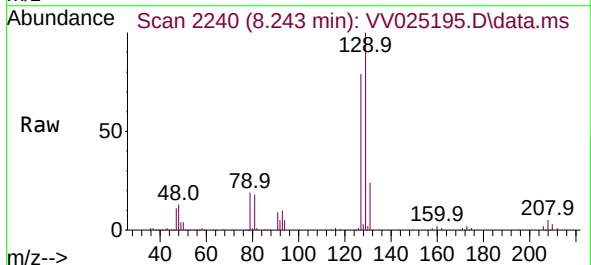
Ion	Ratio	Lower	Upper
43	100		
58	62.4	48.5	72.7
57	20.9	16.9	25.3
100	15.5	12.3	18.5

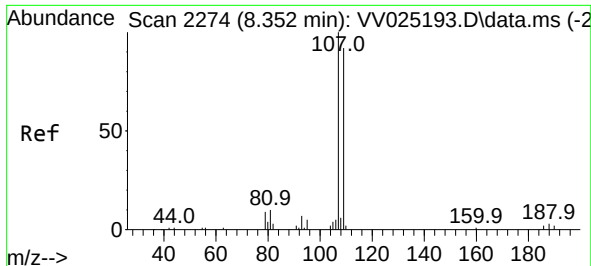


#49
Dibromochloromethane
Concen: 20.701 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

Tgt Ion: 129 Resp: 178148

Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.1	100.5





#50

1,2-Dibromoethane

Concen: 20.050 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV025195.D

Acq: 26 Mar 2022 13:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD020229

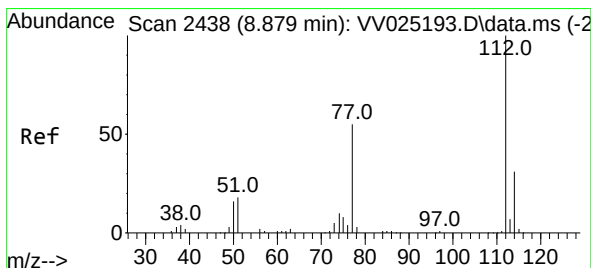
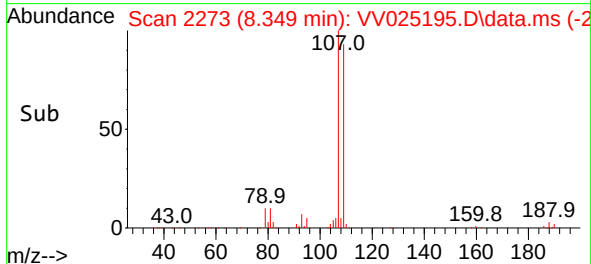
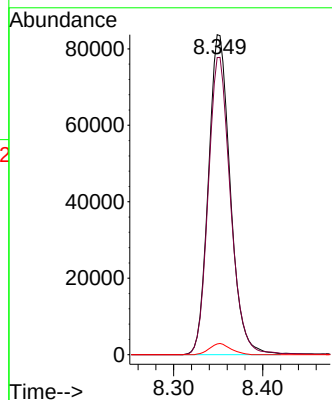
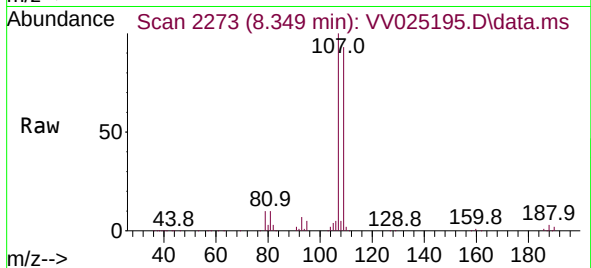
Tgt Ion:107 Resp: 142779

Ion Ratio Lower Upper

107 100

109 92.8 64.7 120.1

188 3.4 2.2 3.4#



#51

Chlorobenzene

Concen: 19.876 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025195.D

Acq: 26 Mar 2022 13:32

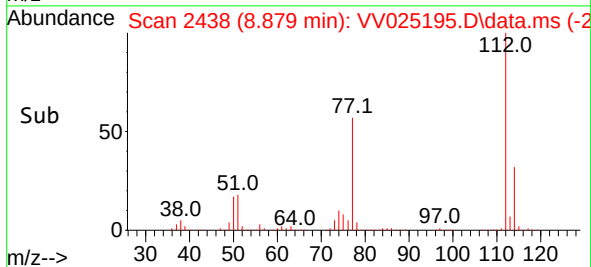
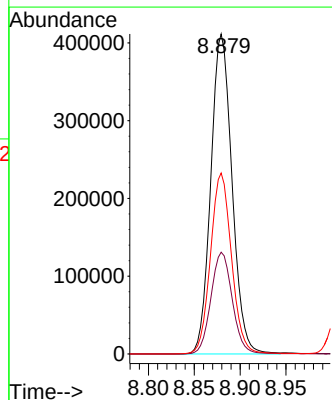
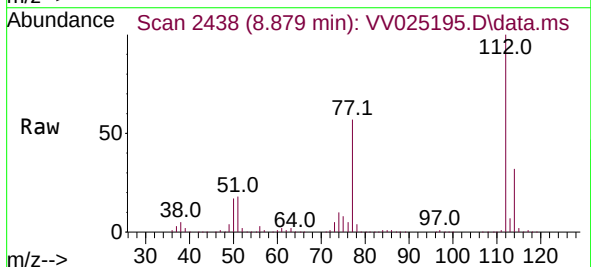
Tgt Ion:112 Resp: 662586

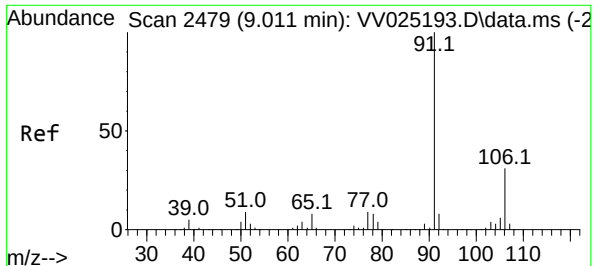
Ion Ratio Lower Upper

112 100

114 31.8 21.9 40.7

77 56.6 44.2 66.4





#52

Ethylbenzene

Concen: 20.902 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV025195.D

Acq: 26 Mar 2022 13:32

Instrument :

MSVOA_V

ClientSampleId :

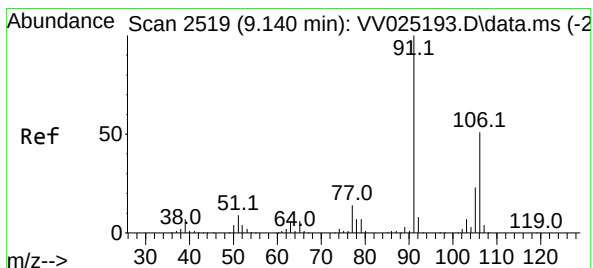
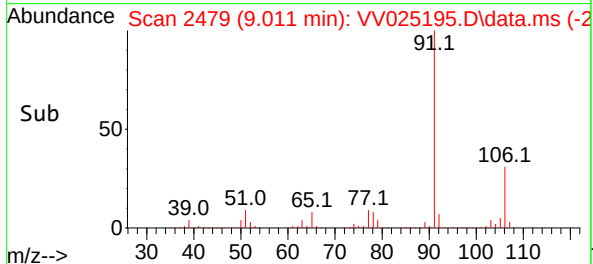
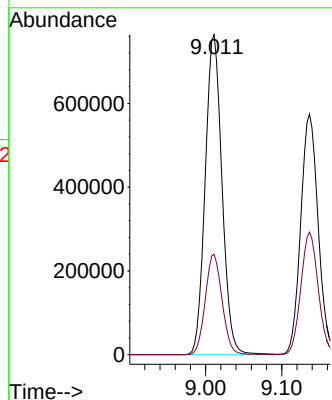
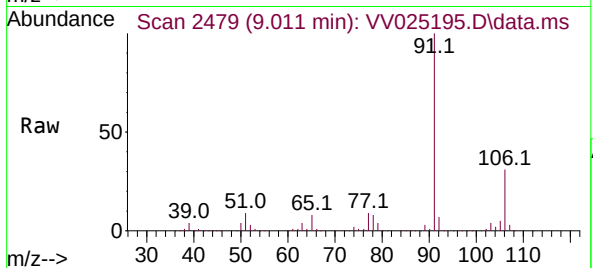
VSTD020229

Tgt Ion: 91 Resp: 1170873

Ion Ratio Lower Upper

91 100

106 31.4 21.7 40.3



#53

m,p-Xylene

Concen: 21.590 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV025195.D

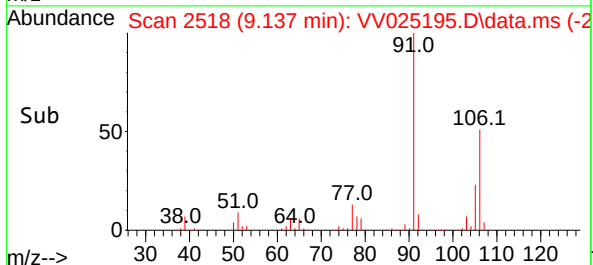
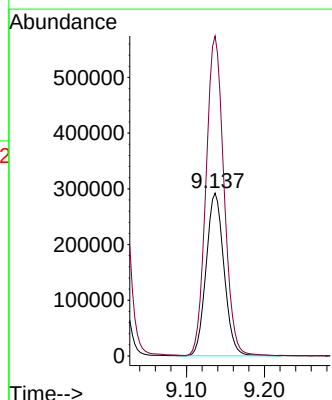
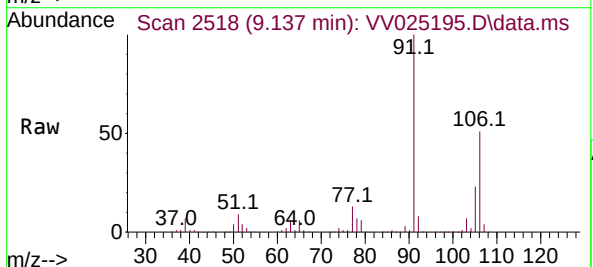
Acq: 26 Mar 2022 13:32

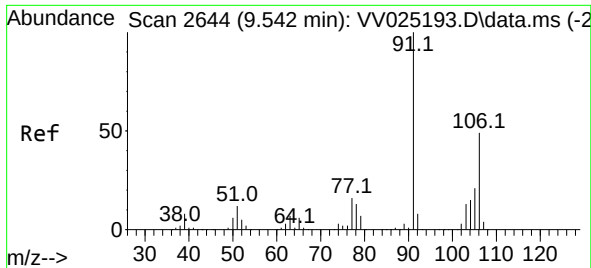
Tgt Ion: 106 Resp: 465456

Ion Ratio Lower Upper

106 100

91 196.4 136.8 254.0

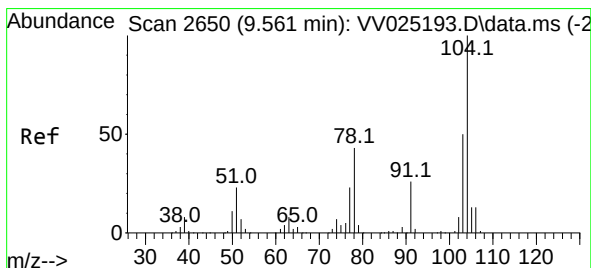
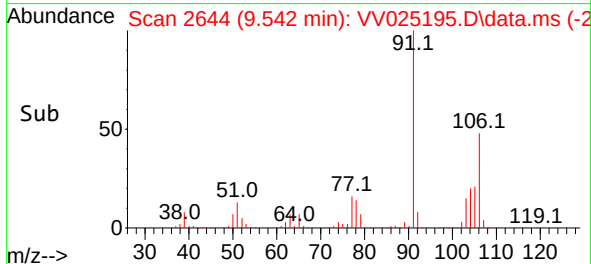
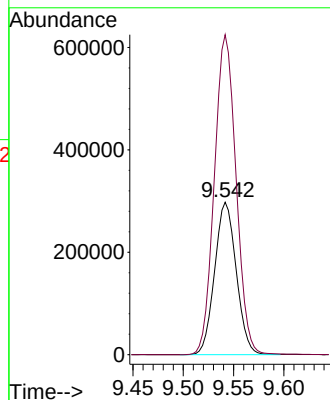
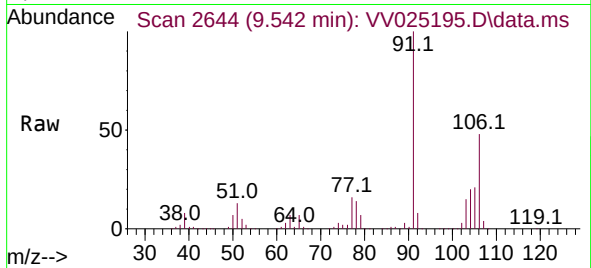




#54
o-Xylene
Concen: 21.532 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

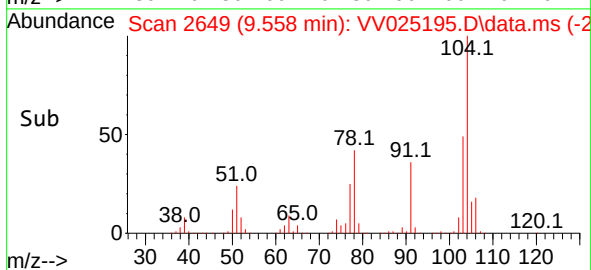
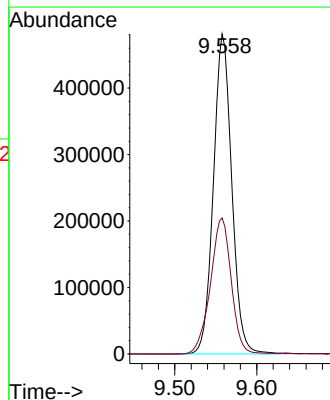
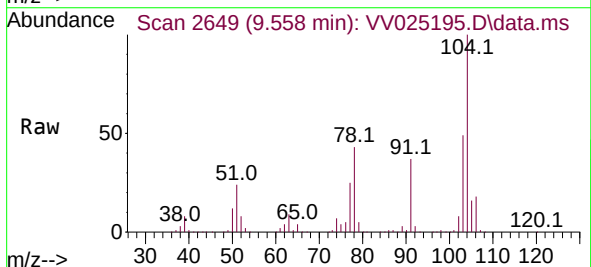
Instrument :
MSVOA_V
ClientSampleId :
VSTD020229

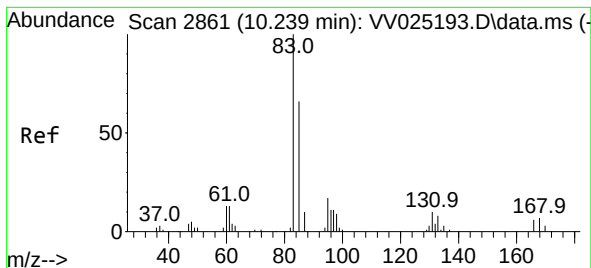
Tgt Ion:106 Resp: 445453
Ion Ratio Lower Upper
106 100
91 209.8 143.0 265.6



#55
Styrene
Concen: 22.180 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

Tgt Ion:104 Resp: 749016
Ion Ratio Lower Upper
104 100
78 42.5 30.1 55.9

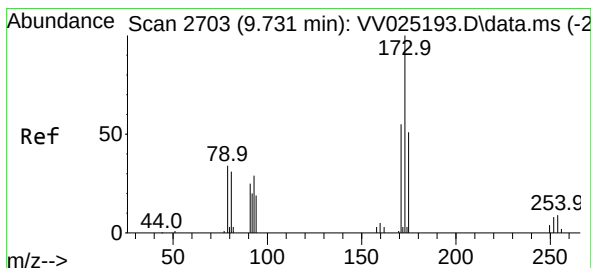
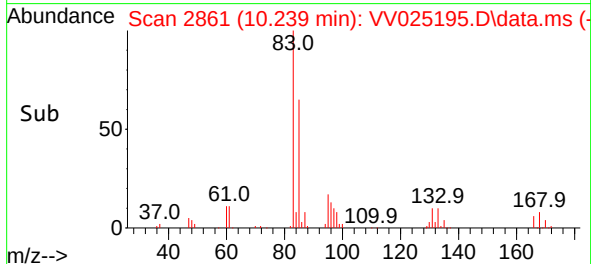
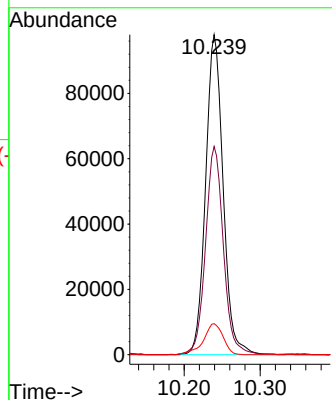
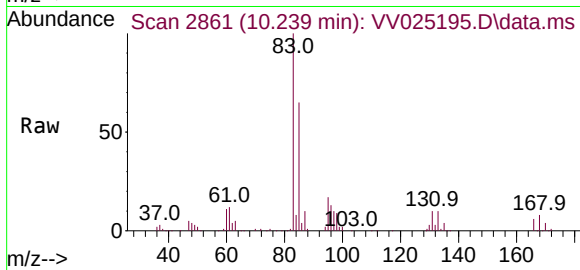




#57
1,1,2,2-Tetrachloroethane
Concen: 20.428 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

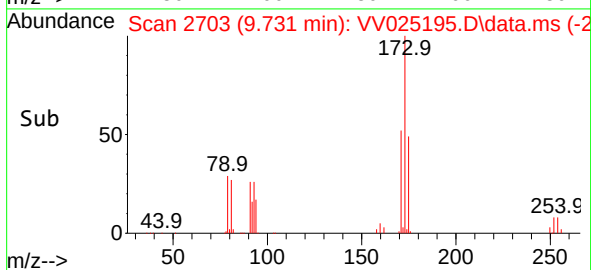
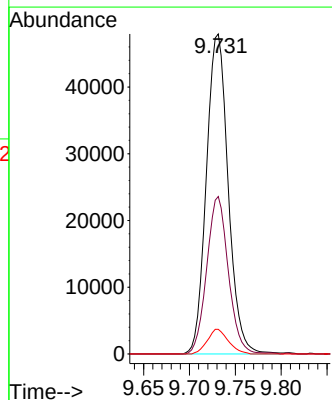
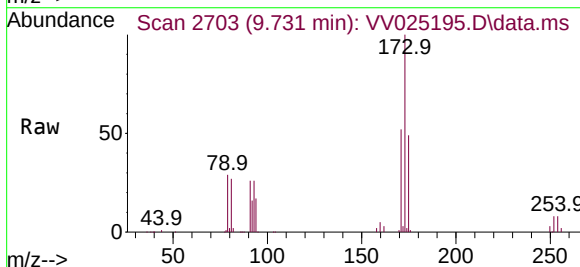
Instrument :
MSVOA_V
ClientSampleId :
VSTD020229

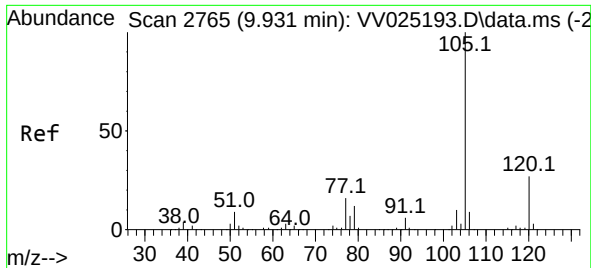
Tgt Ion: 83 Resp: 156396
Ion Ratio Lower Upper
83 100
85 65.0 46.2 85.8
131 9.7 8.1 12.1



#59
Bromoform
Concen: 19.069 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

Tgt Ion: 173 Resp: 79403
Ion Ratio Lower Upper
173 100
175 48.6 39.4 59.0
254 7.4 5.6 8.4

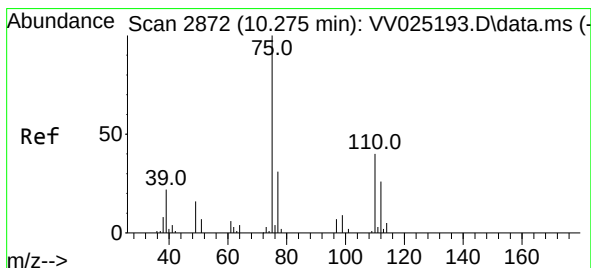
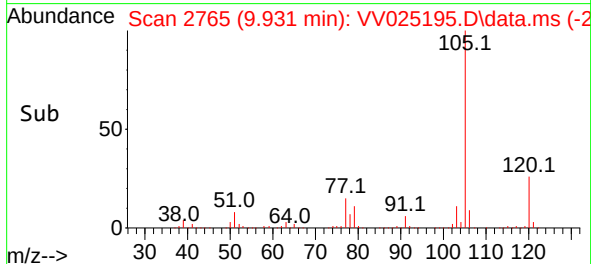
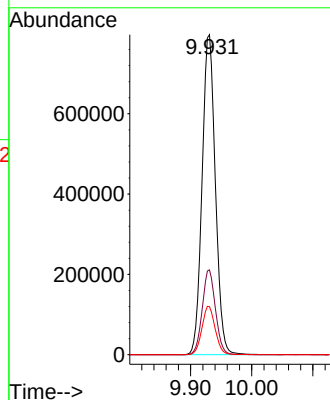
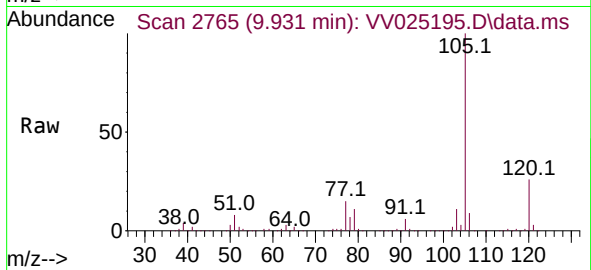




#60
Isopropylbenzene
Concen: 20.064 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

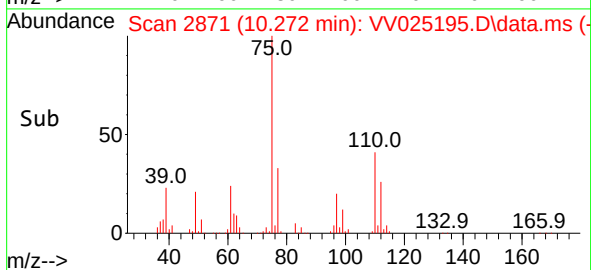
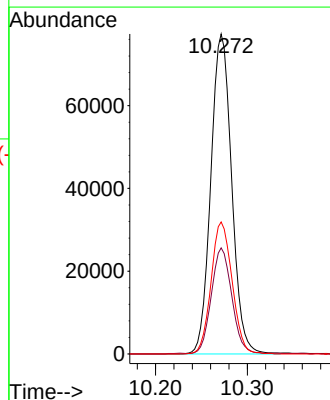
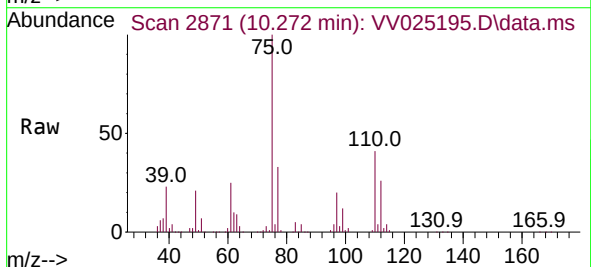
Instrument :
MSVOA_V
ClientSampleId :
VSTD020229

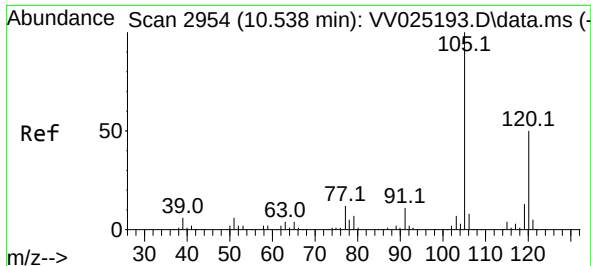
Tgt Ion:105 Resp: 1202828
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 15.1 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 18.114 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

Tgt Ion: 75 Resp: 121949
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6
110 41.6 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 20.594 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV025195.D

Acq: 26 Mar 2022 13:32

Instrument :

MSVOA_V

ClientSampleId :

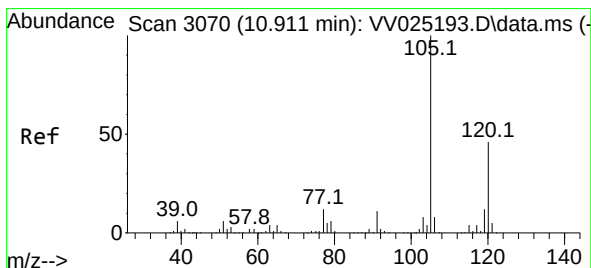
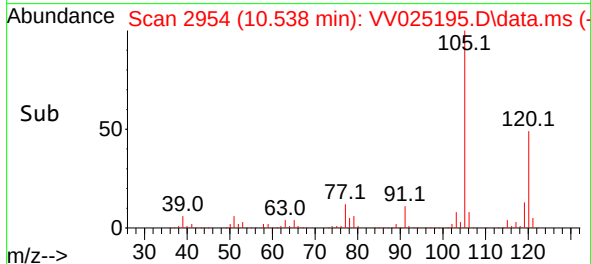
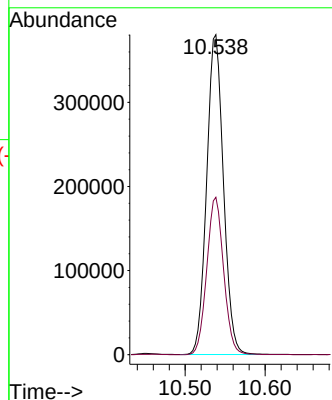
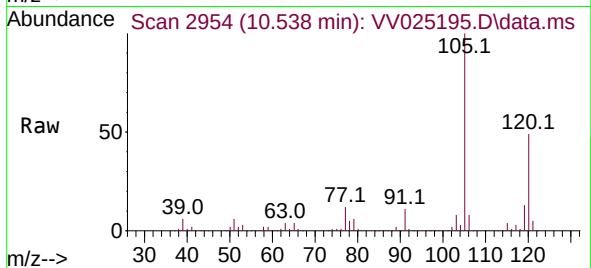
VSTD020229

Tgt Ion:105 Resp: 555687

Ion Ratio Lower Upper

105 100

120 49.4 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 21.286 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV025195.D

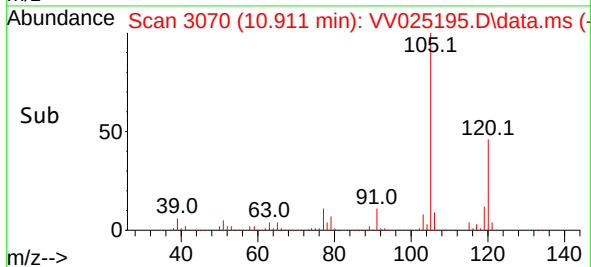
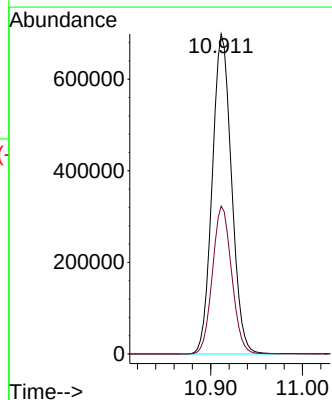
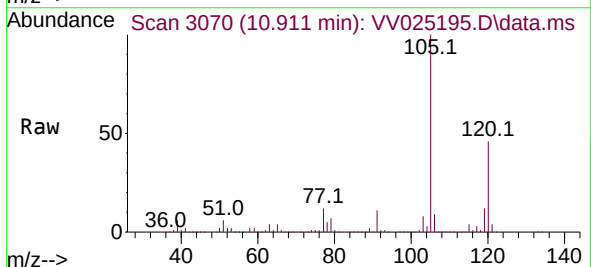
Acq: 26 Mar 2022 13:32

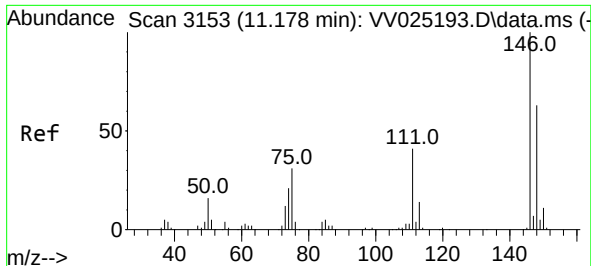
Tgt Ion:105 Resp: 1020934

Ion Ratio Lower Upper

105 100

120 46.1 36.5 54.7

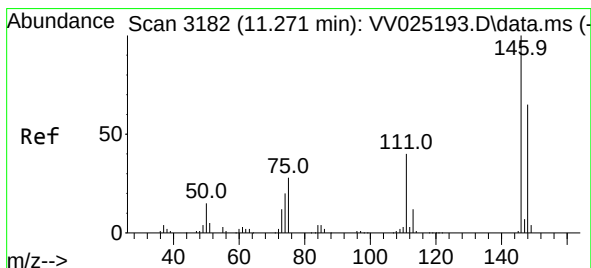
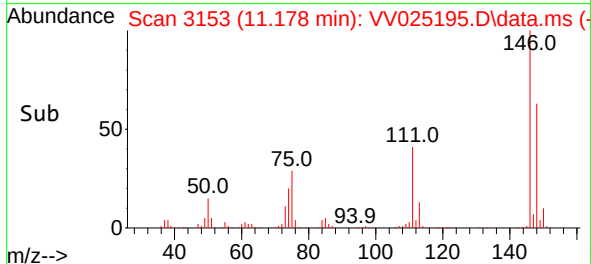
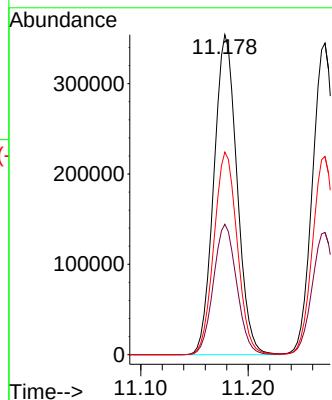
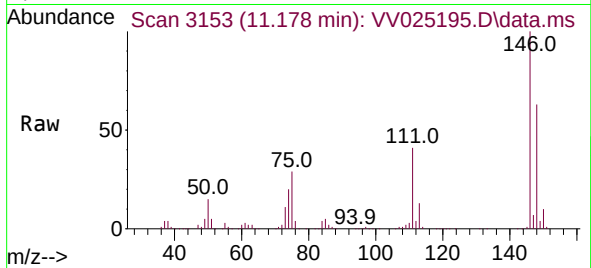




#64
1,3-Dichlorobenzene
Concen: 20.171 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

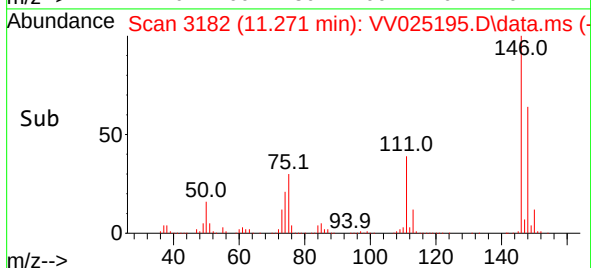
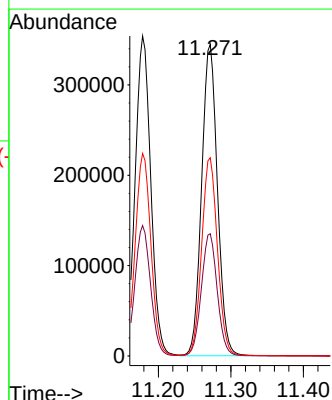
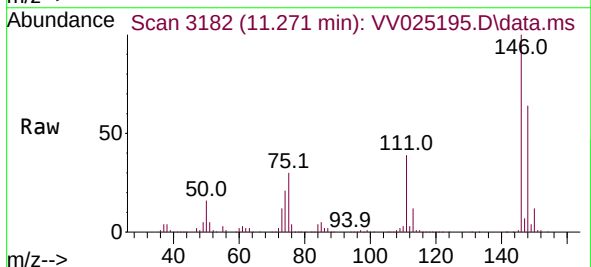
Instrument :
MSVOA_V
ClientSampleId :
VSTD020229

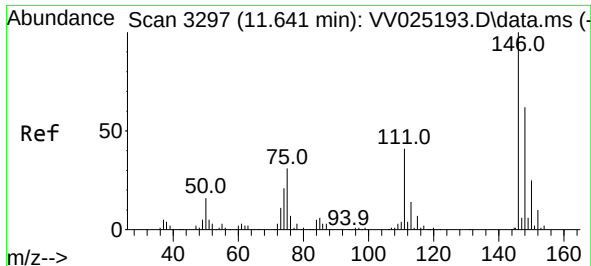
Tgt Ion:146 Resp: 531186
Ion Ratio Lower Upper
146 100
111 40.7 29.0 53.8
148 63.3 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 19.650 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

Tgt Ion:146 Resp: 522307
Ion Ratio Lower Upper
146 100
111 39.2 27.9 51.9
148 63.6 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 19.953 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV025195.D

Acq: 26 Mar 2022 13:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD020229

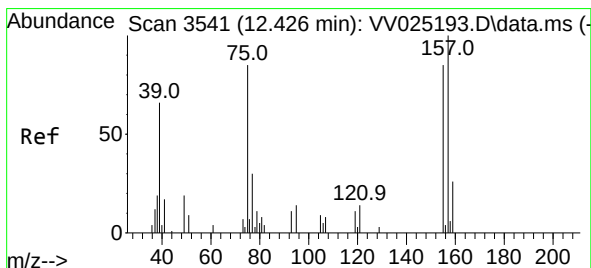
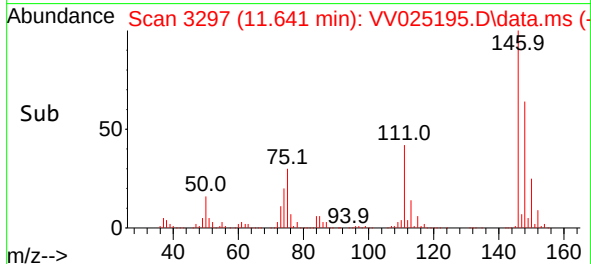
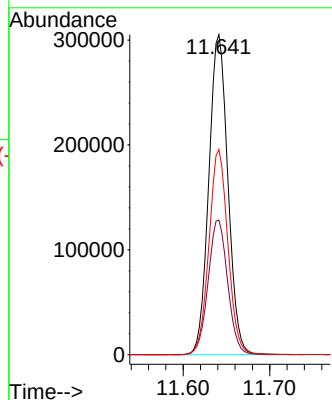
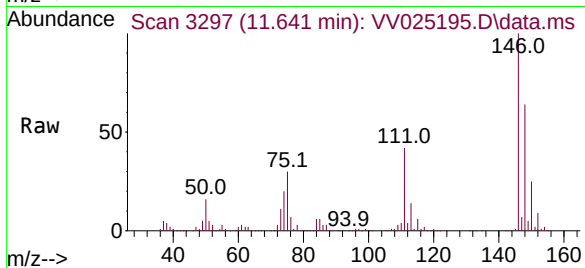
Tgt Ion:146 Resp: 467657

Ion Ratio Lower Upper

146 100

111 42.0 33.0 49.6

148 64.1 49.3 73.9



#68

1,2-Dibromo-3-chloropropane

Concen: 20.090 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV025195.D

Acq: 26 Mar 2022 13:32

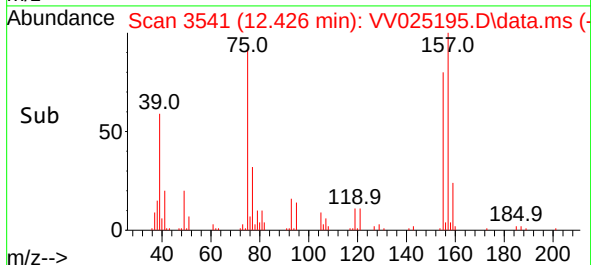
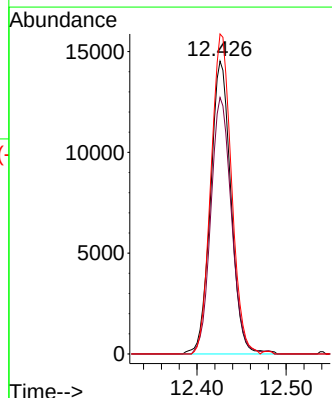
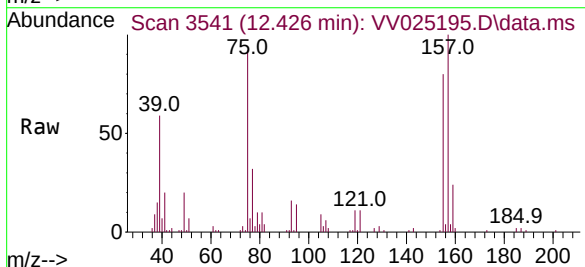
Tgt Ion: 75 Resp: 23142

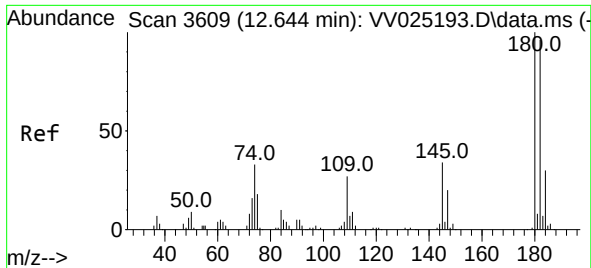
Ion Ratio Lower Upper

75 100

155 87.6 80.0 120.0

157 109.3 94.5 141.7

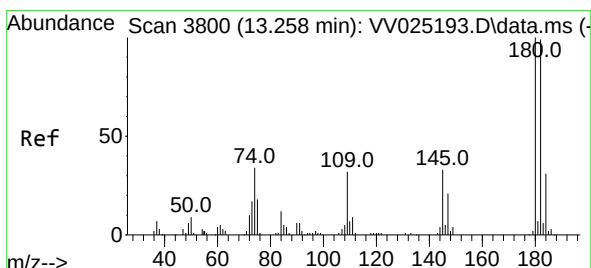
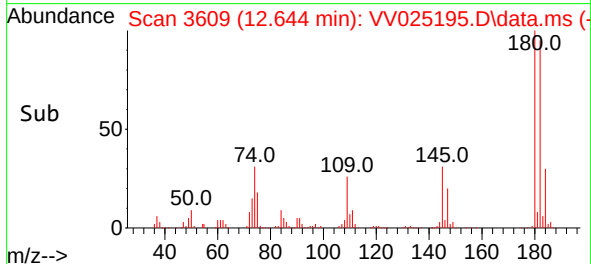
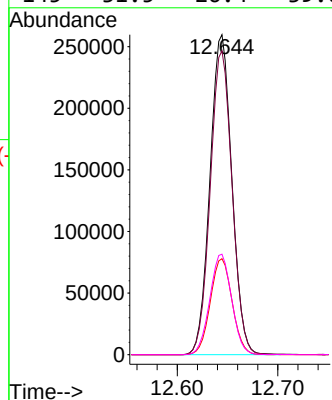
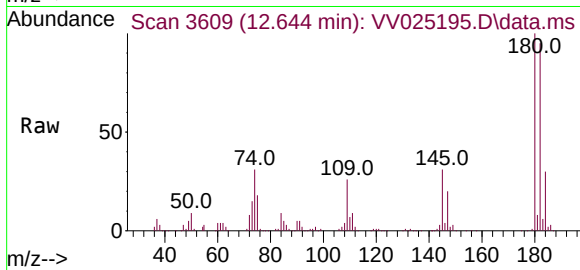




#69
 1,3,5-Trichlorobenzene
 Concen: 20.987 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV025195.D
 Acq: 26 Mar 2022 13:32

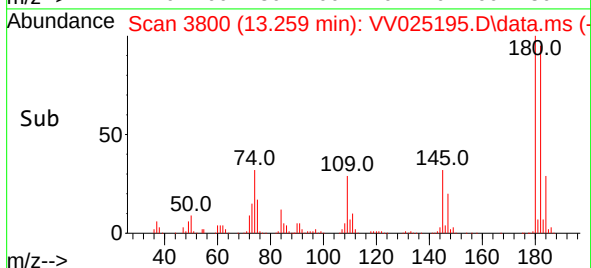
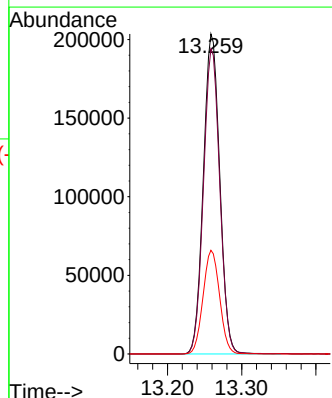
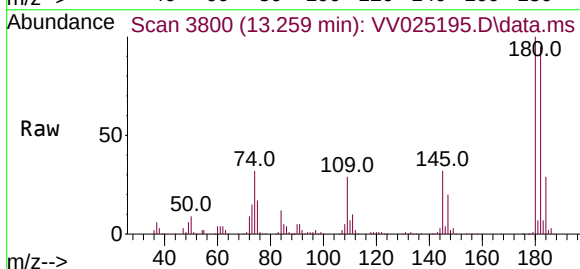
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020229

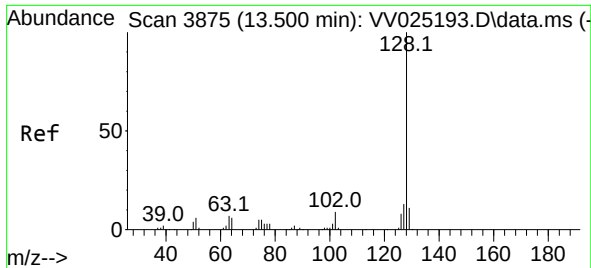
Tgt Ion:180 Resp: 392202
 Ion Ratio Lower Upper
 180 100
 182 94.9 77.1 115.7
 184 30.0 23.6 35.4
 145 31.5 26.4 39.6



#70
 1,2,4-trichlorobenzene
 Concen: 21.530 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025195.D
 Acq: 26 Mar 2022 13:32

Tgt Ion:180 Resp: 311547
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.5 116.3
 145 32.7 26.2 39.4

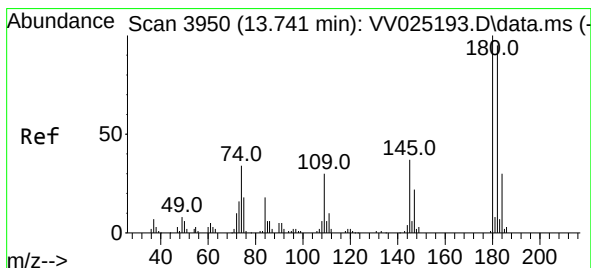
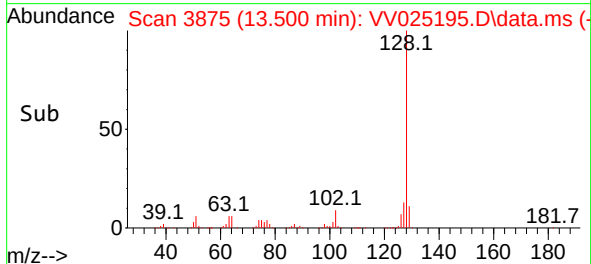
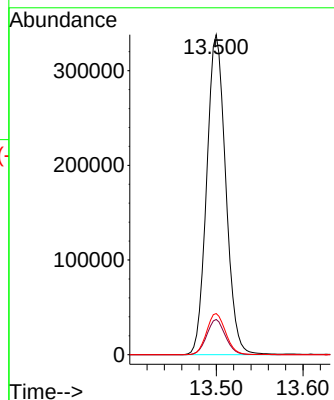
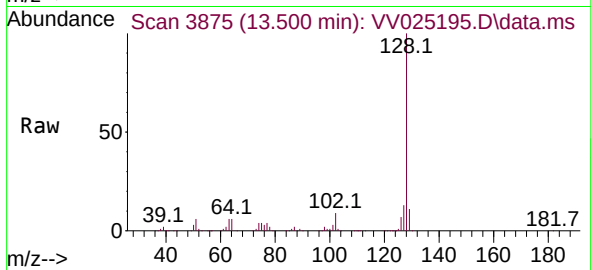




#71
Naphthalene
Concen: 21.657 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD020229

Tgt Ion:128 Resp: 515742
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.8 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 21.362 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025195.D
Acq: 26 Mar 2022 13:32

Tgt Ion:180 Resp: 262327
Ion Ratio Lower Upper
180 100
182 94.2 75.8 113.6
145 34.1 28.6 42.8

