

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
 Data File : VV025788.D
 Acq On : 03 May 2022 12:33
 Operator : SY/MD
 Sample : VSTD02041
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020241

Quant Time: May 03 12:55:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 12:52:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	197683	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	203360	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	121730	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	372880	17.208	ug/L	0.00
7) Chloroethane-d5	1.571	69	328407	17.231	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	755770	18.361	ug/L	0.00
20) 2-Butanone-d5	3.889	46	579546	195.440	ug/L	0.00
24) Chloroform-d	4.349	84	582942	17.961	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	256126	17.831	ug/L	0.00
32) Benzene-d6	5.050	84	1195394	18.305	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	345523	17.989	ug/L	0.00
41) Toluene-d8	7.313	98	1128562	19.102	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	123759	20.354	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	525654	221.829	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	224702	18.529	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	379975	17.796	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.133	85	466750	20.055	ug/L	100
3) Chloromethane	1.243	50	516176	19.047	ug/L	99
5) Vinyl chloride	1.314	62	549751	20.323	ug/L	99
6) Bromomethane	1.526	94	300738	20.418	ug/L	100
8) Chloroethane	1.587	64	347739	19.978	ug/L	98
9) Trichlorofluoromethane	1.754	101	797185	21.655	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	402705	20.282	ug/L	98
12) 1,1-Dichloroethene	2.121	96	389640	20.450	ug/L	86
13) Acetone	2.188	43	390421	200.046	ug/L	94
14) Carbon disulfide	2.297	76	1063323	21.584	ug/L	100
15) Methyl Acetate	2.439	43	96741	20.707	ug/L	90
16) Methylene chloride	2.510	84	328904	17.797	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	657856	22.711	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	350821	20.902	ug/L	96
19) 1,1-Dichloroethane	3.191	63	627291	20.955	ug/L	98
21) 2-Butanone	3.973	43	637873	244.265	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	376871	21.935	ug/L	88
23) Bromochloromethane	4.249	128	147149	20.944	ug/L	90
25) Chloroform	4.375	83	641328	20.522	ug/L	97
27) 1,2-Dichloroethane	5.130	62	353215	20.850	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	578486	21.003	ug/L	99
30) Cyclohexane	4.680	56	598616	24.030	ug/L	94
31) Carbon tetrachloride	4.828	117	495451	21.070	ug/L	100
33) Benzene	5.098	78	1476027	21.657	ug/L	100
34) Trichloroethene	5.911	95	380729	21.231	ug/L	98
35) Methylcyclohexane	6.130	83	663114	23.998	ug/L	96
37) 1,2-Dichloropropane	6.172	63	350419	21.161	ug/L	99
38) Bromodichloromethane	6.506	83	431246	21.007	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	503632	24.825	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	1654821	240.544	ug/L	96
42) Toluene	7.387	91	1645904	22.740	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	404868	25.025	ug/L	98

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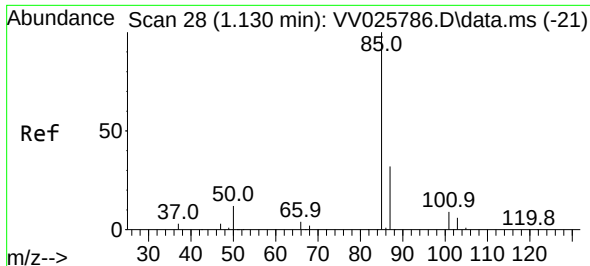
Quant Time: May 03 12:55:26 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	222994	21.105	ug/L	99
47) Tetrachloroethene	7.976	164	294176	19.219	ug/L	98
48) 2-Hexanone	8.136	43	1194682	246.243	ug/L	95
49) Dibromochloromethane	8.246	129	265201	22.748	ug/L	98
50) 1,2-Dibromoethane	8.352	107	206679	22.174	ug/L	100
51) Chlorobenzene	8.879	112	1009162	21.917	ug/L	97
52) Ethylbenzene	9.011	91	1835169	24.473	ug/L	98
53) m,p-Xylene	9.136	106	718859	24.400	ug/L	97
54) o-Xylene	9.541	106	696466	24.924	ug/L	99
55) Styrene	9.558	104	1184230	25.657	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	240949	21.419	ug/L	100
59) Bromoform	9.728	173	123665	21.604	ug/L	95
60) Isopropylbenzene	9.931	105	1895384	23.133	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	187299	19.225	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	870481	24.723	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	1604607	24.935	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	809113	21.462	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	803790	20.882	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	714453	21.225	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	37815	20.805	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	614258	21.707	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	475276	22.497	ug/L	99
71) Naphthalene	13.500	128	747542	24.923	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	389673	22.634	ug/L	97

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

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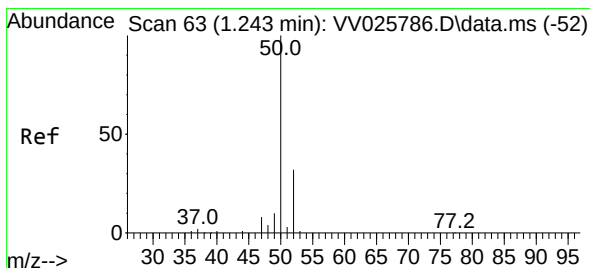
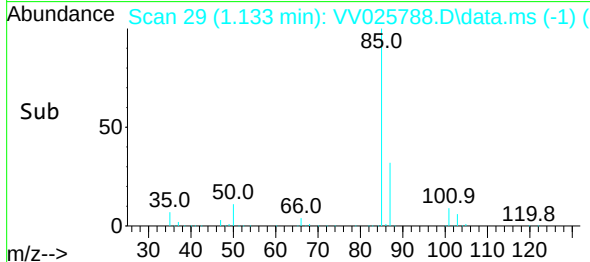
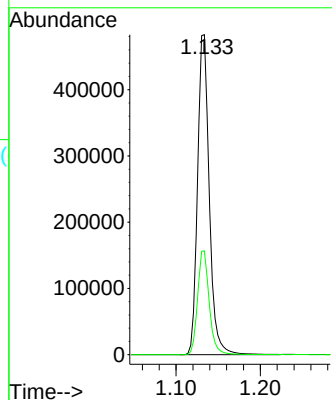
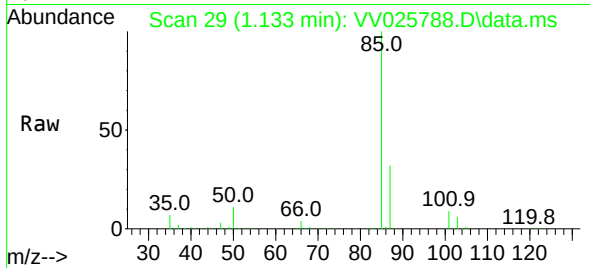




#2
 Dichlorodifluoromethane
 Concen: 20.055 ug/L
 RT: 1.133 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VV025788.D
 Acq: 03 May 2022 12:33

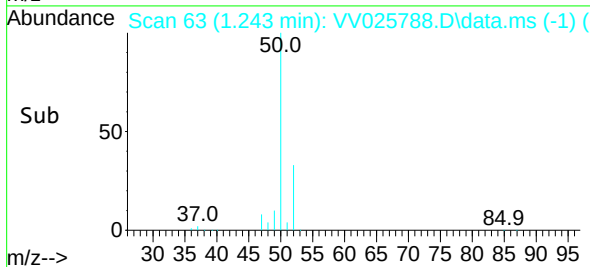
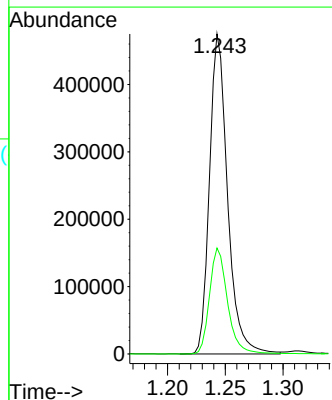
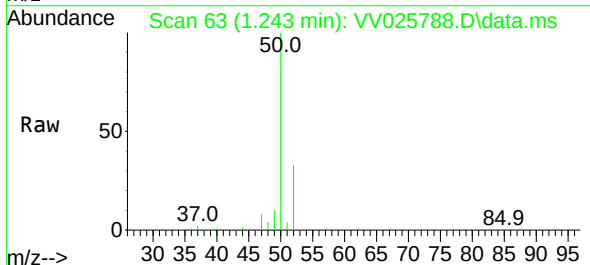
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020241

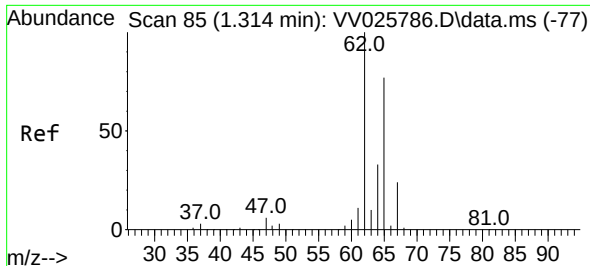
Tgt Ion: 85 Resp: 466750
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.6 38.4



#3
 Chloromethane
 Concen: 19.047 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025788.D
 Acq: 03 May 2022 12:33

Tgt Ion: 50 Resp: 516176
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.7 43.9

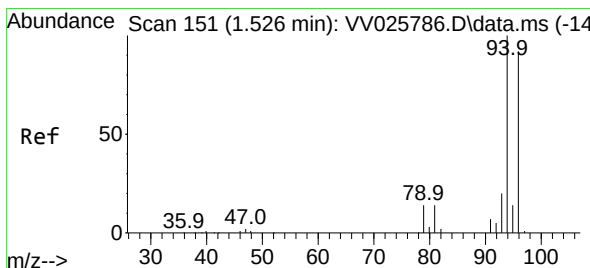
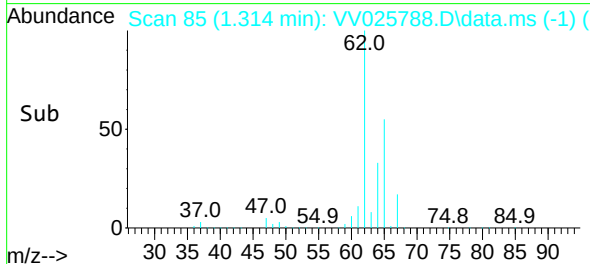
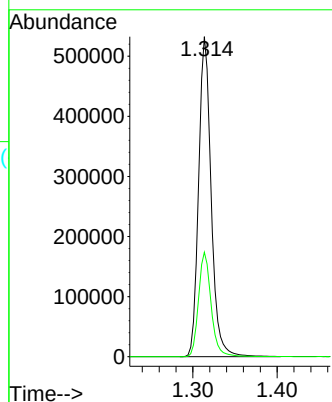
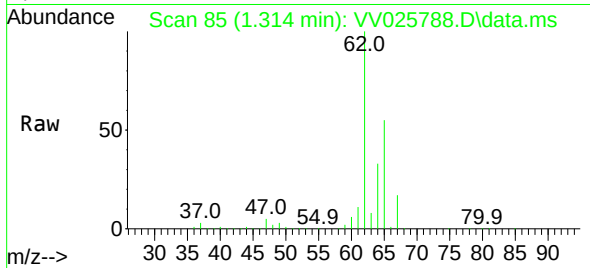




#5
 Vinyl chloride
 Concen: 20.323 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025788.D
 Acq: 03 May 2022 12:33

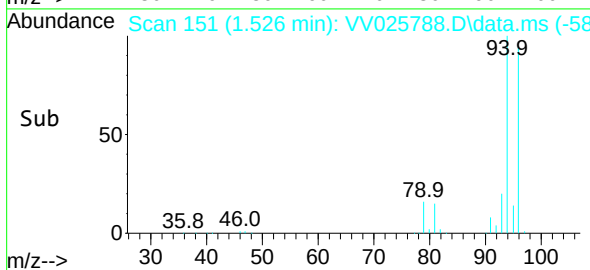
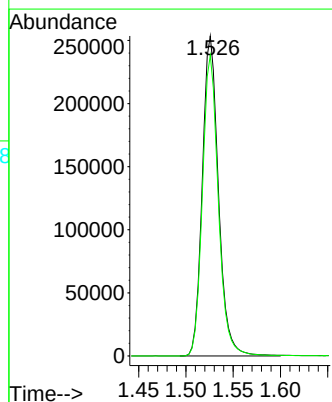
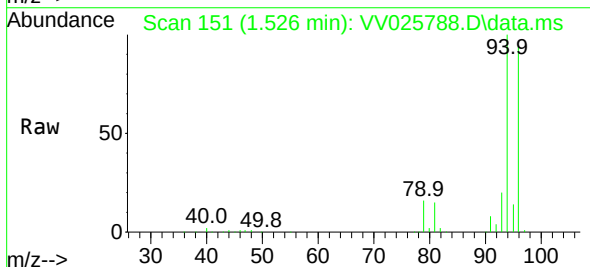
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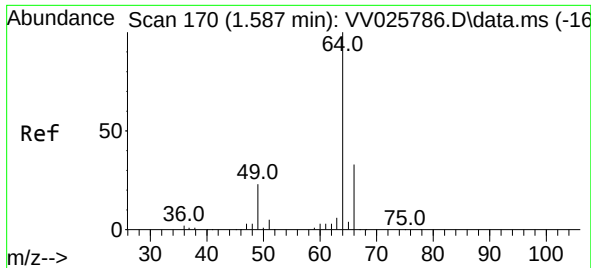
Tgt Ion: 62 Resp: 549751
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.2



#6
 Bromomethane
 Concen: 20.418 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV025788.D
 Acq: 03 May 2022 12:33

Tgt Ion: 94 Resp: 300738
 Ion Ratio Lower Upper
 94 100
 96 94.0 66.1 122.7

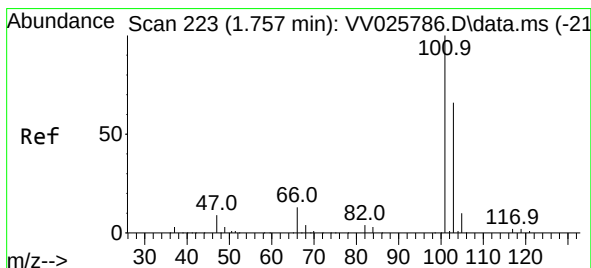
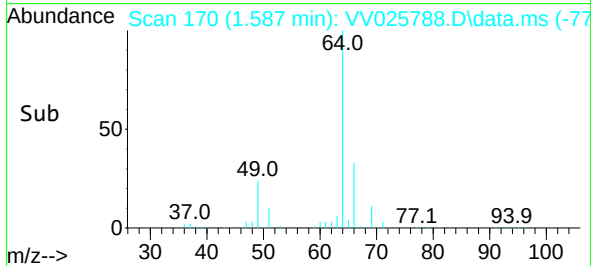
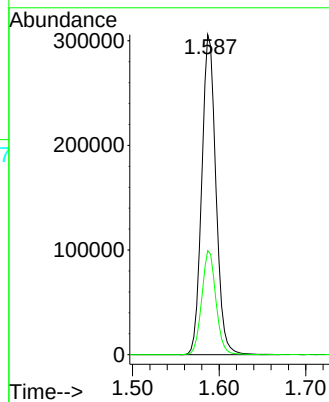
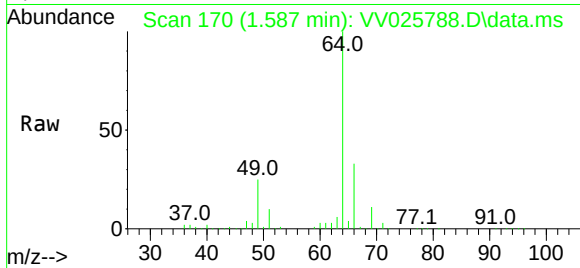




#8
Chloroethane
Concen: 19.978 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

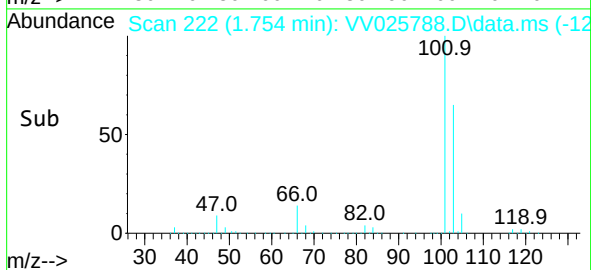
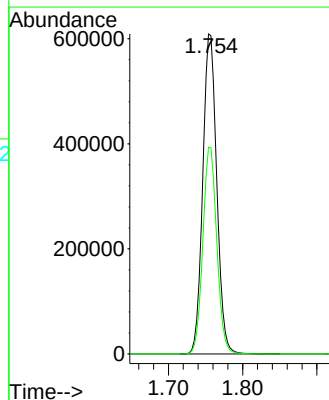
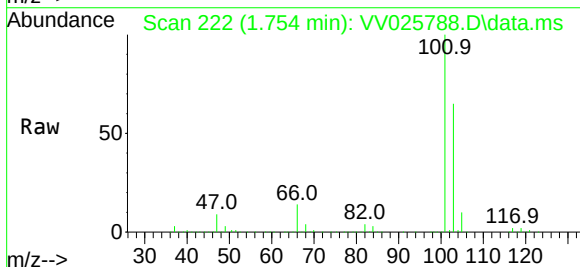
Instrument :
MSVOA_V
ClientSampleId :
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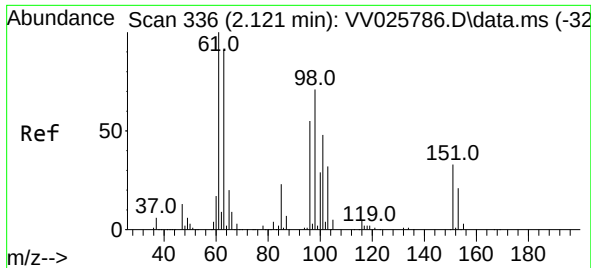
Tgt Ion: 64 Resp: 347739
Ion Ratio Lower Upper
64 100
66 32.5 21.8 40.6



#9
Trichlorofluoromethane
Concen: 21.655 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

Tgt Ion:101 Resp: 797185
Ion Ratio Lower Upper
101 100
103 64.5 51.9 77.9

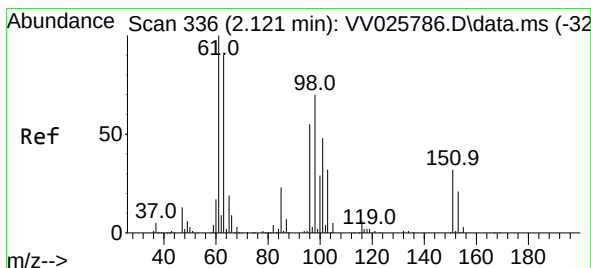
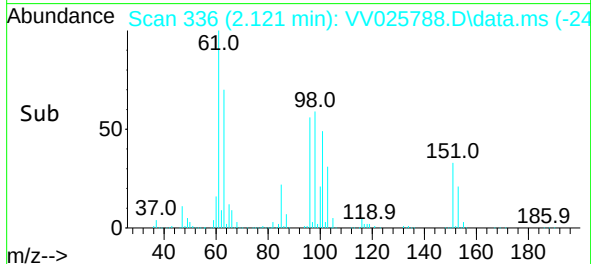
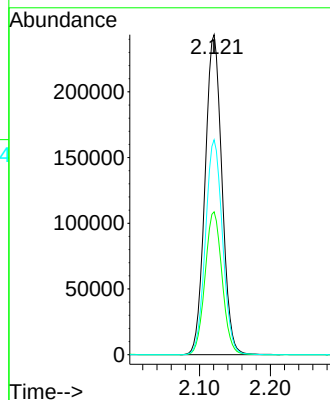
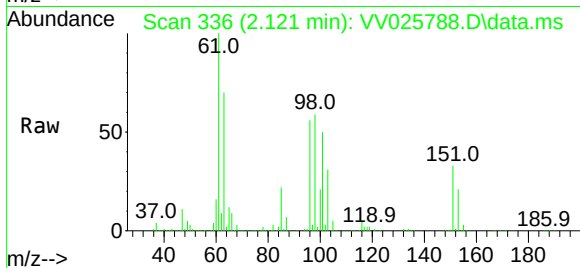




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.282 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025788.D
 Acq: 03 May 2022 12:33

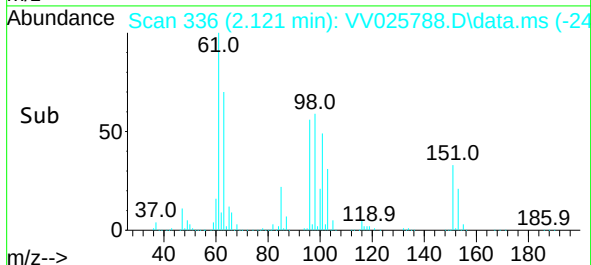
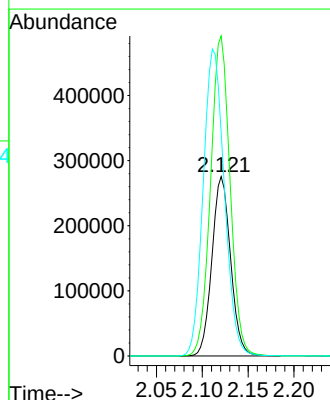
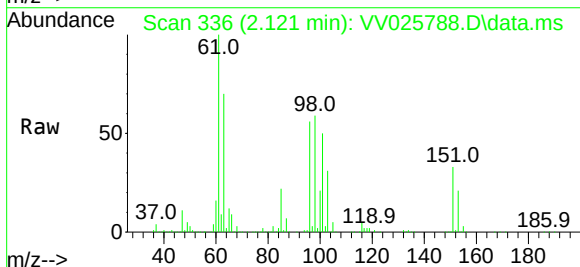
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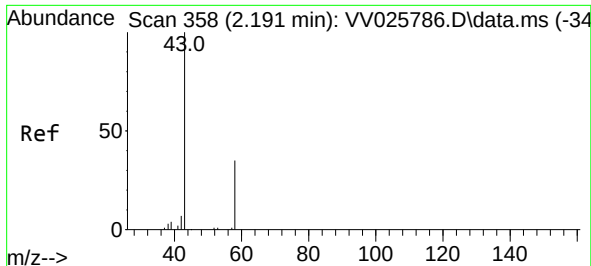
Tgt Ion:101 Resp: 402705
 Ion Ratio Lower Upper
 101 100
 85 45.0 35.9 53.9
 151 67.7 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 20.450 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025788.D
 Acq: 03 May 2022 12:33

Tgt Ion: 96 Resp: 389640
 Ion Ratio Lower Upper
 96 100
 61 178.4 125.2 232.4
 63 124.5 114.4 212.4





#13

Acetone

Concen: 200.046 ug/L

RT: 2.188 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

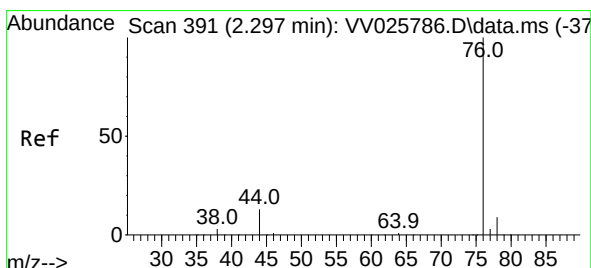
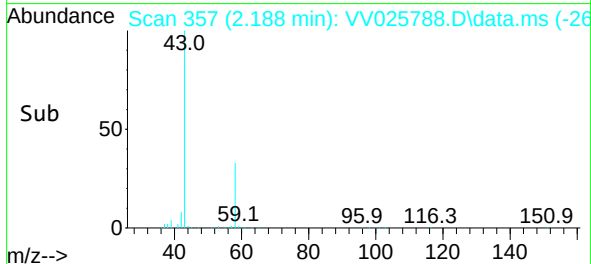
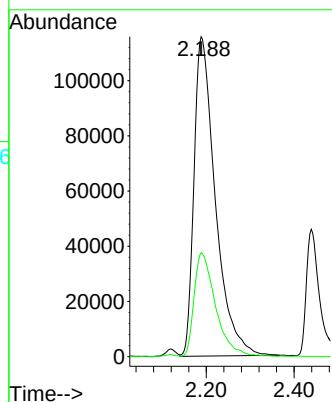
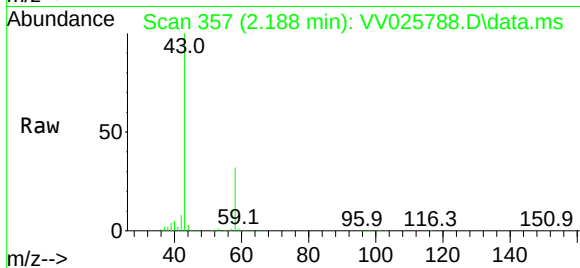
VSTD020241

Tgt Ion: 43 Resp: 390421

Ion Ratio Lower Upper

43 100

58 32.4 0.0 72.2



#14

Carbon disulfide

Concen: 21.584 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025788.D

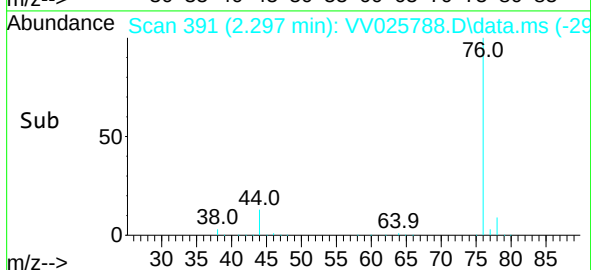
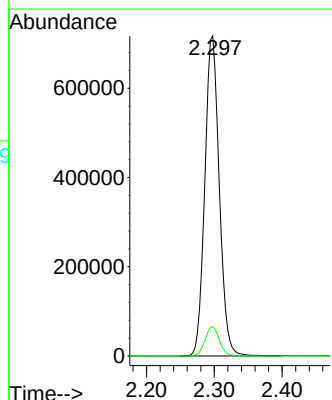
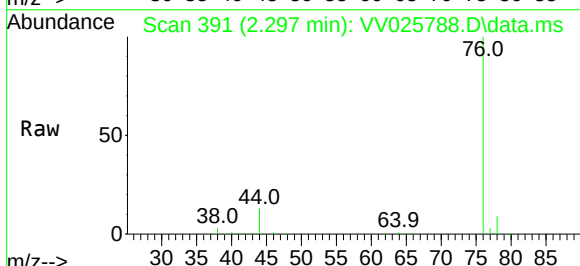
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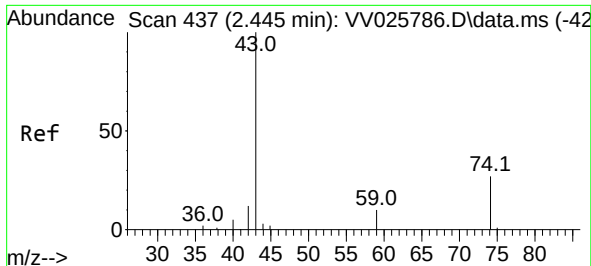
Tgt Ion: 76 Resp: 1063323

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 20.707 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

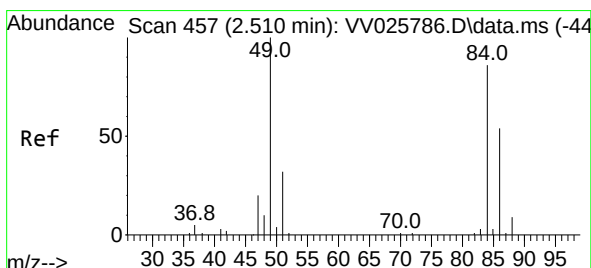
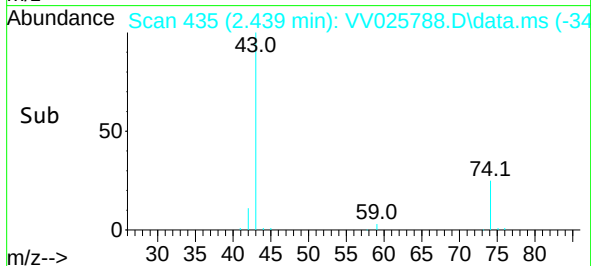
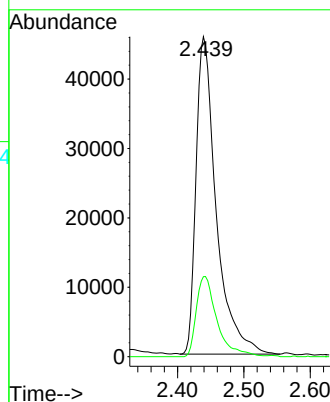
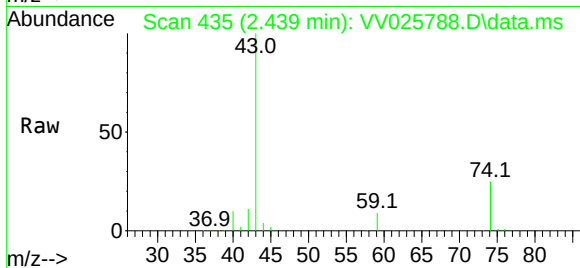
VSTD020241

Tgt Ion: 43 Resp: 96741

Ion Ratio Lower Upper

43 100

74 25.9 25.2 37.8



#16

Methylene chloride

Concen: 17.797 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

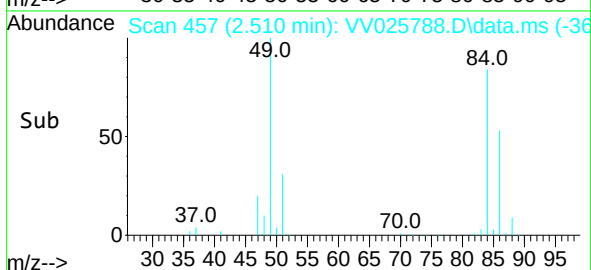
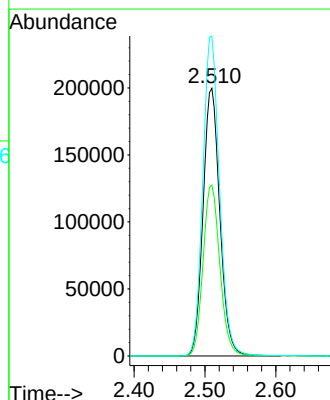
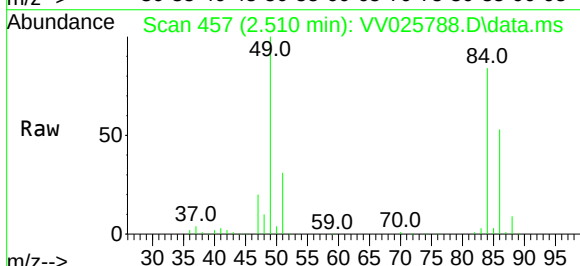
Tgt Ion: 84 Resp: 328904

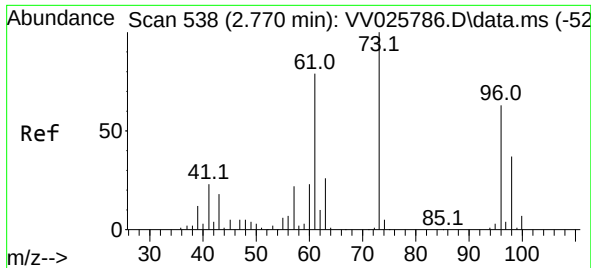
Ion Ratio Lower Upper

84 100

86 63.8 45.9 85.3

49 119.5 76.6 142.3

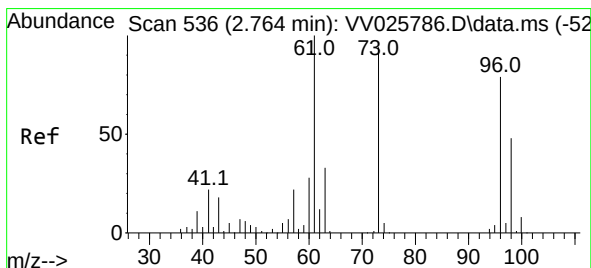
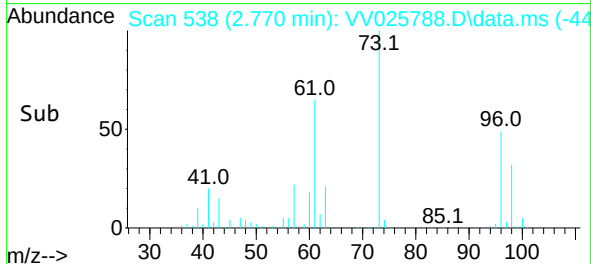
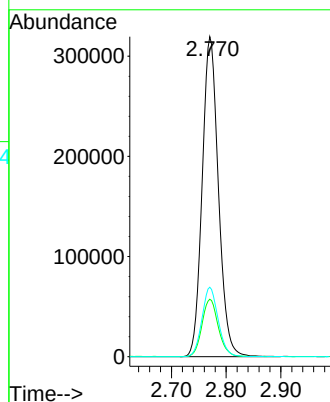
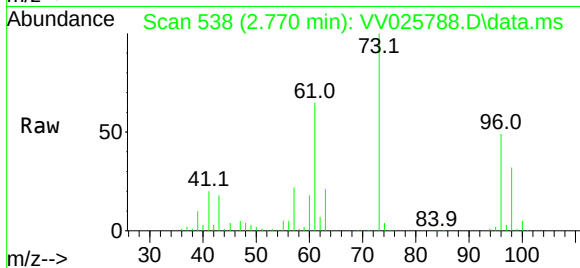




#17
Methyl tert-butyl Ether
Concen: 22.711 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

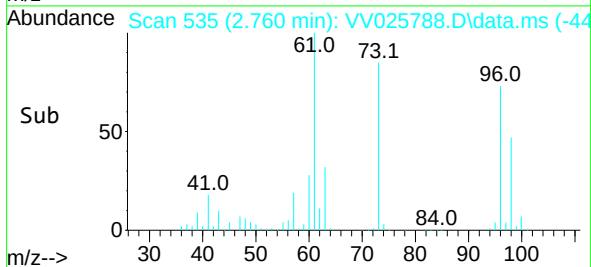
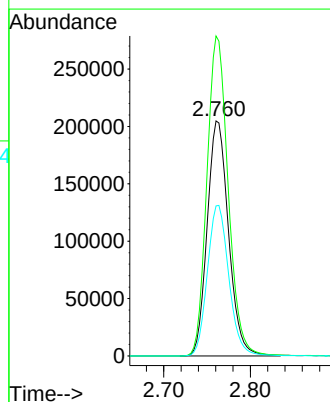
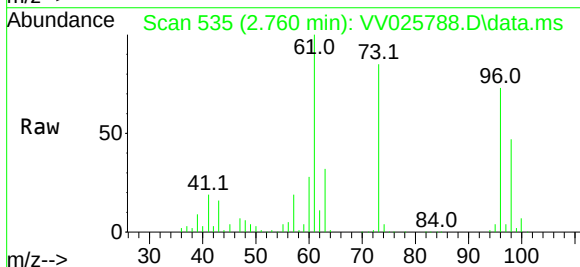
Instrument :
MSVOA_V
ClientSampleId :
VSTD020241

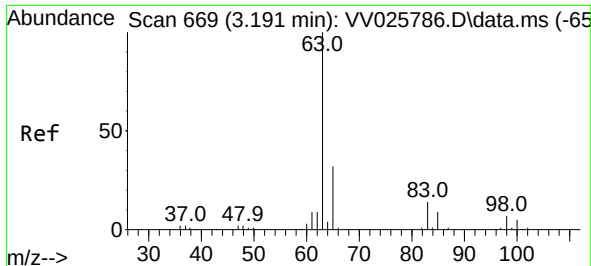
Tgt Ion: 73 Resp: 657856
Ion Ratio Lower Upper
73 100
43 18.0 14.2 21.4
57 21.7 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 20.902 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

Tgt Ion: 96 Resp: 350821
Ion Ratio Lower Upper
96 100
61 136.2 92.1 171.1
98 63.9 47.5 88.1





#19

1,1-Dichloroethane

Concen: 20.955 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD020241

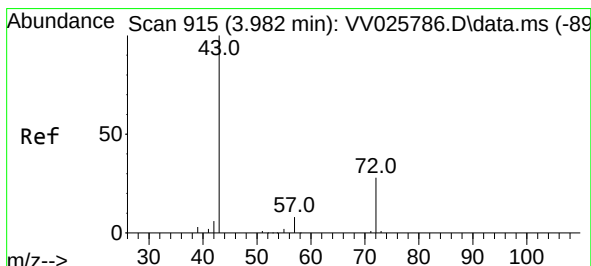
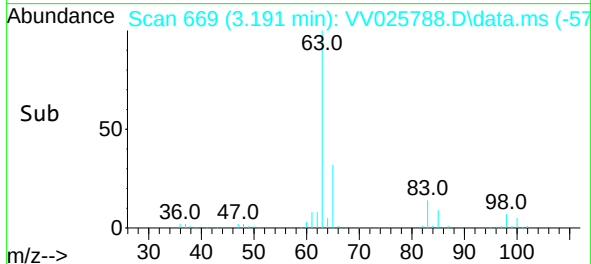
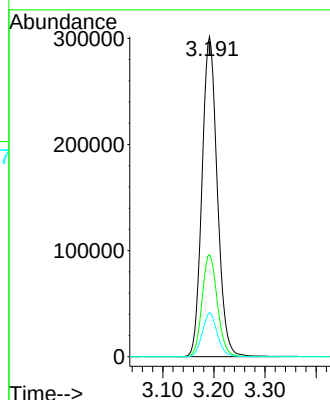
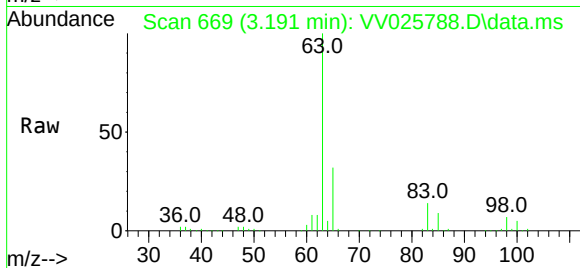
Tgt Ion: 63 Resp: 627291

Ion Ratio Lower Upper

63 100

65 31.9 23.2 43.0

83 13.7 9.0 16.8



#21

2-Butanone

Concen: 244.265 ug/L

RT: 3.973 min Scan# 912

Delta R.T. 0.003 min

Lab File: VV025788.D

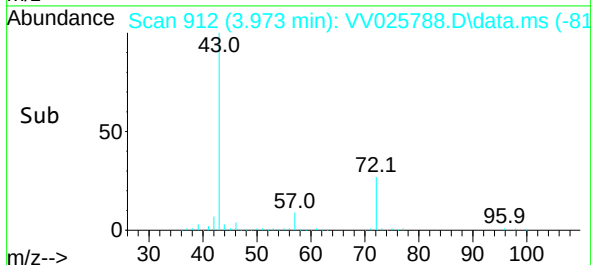
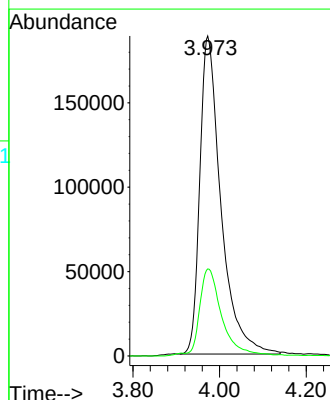
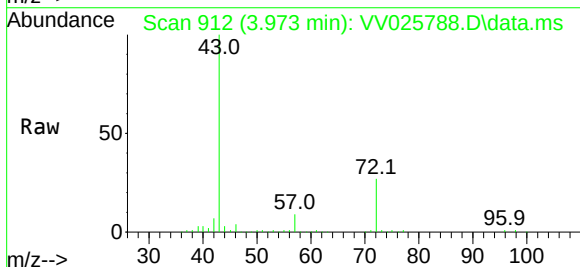
Acq: 03 May 2022 12:33

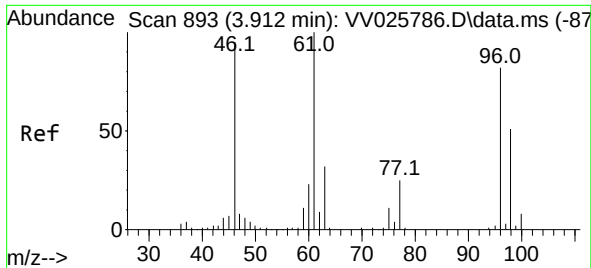
Tgt Ion: 43 Resp: 637873

Ion Ratio Lower Upper

43 100

72 27.8 15.2 45.6

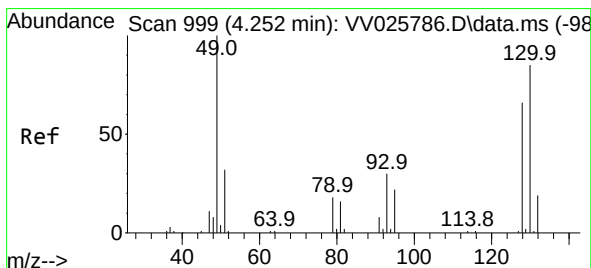
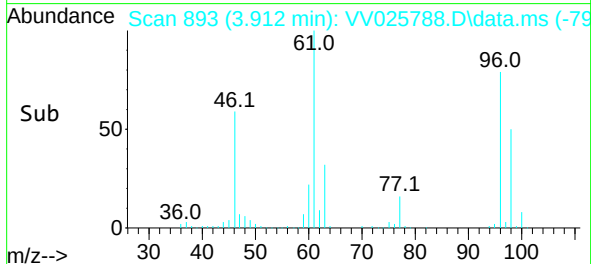
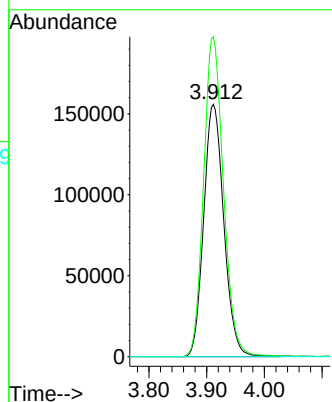
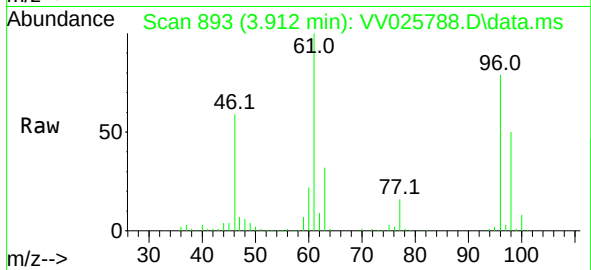




#22
 cis-1,2-Dichloroethene
 Concen: 21.935 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV025788.D
 Acq: 03 May 2022 12:33

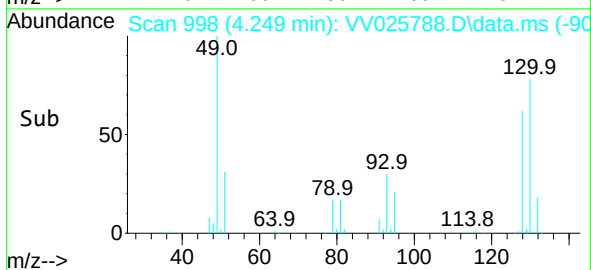
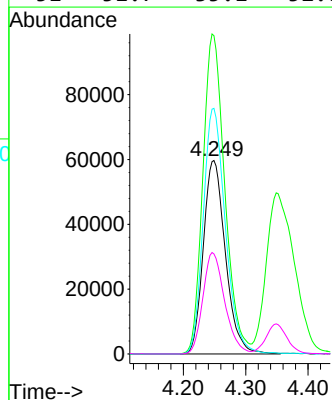
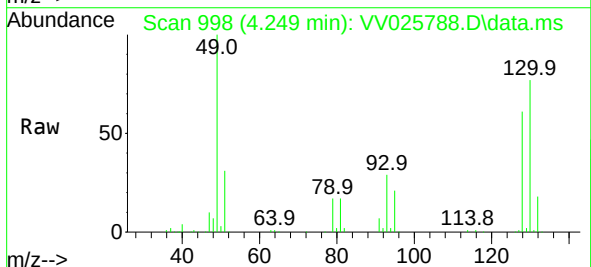
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020241

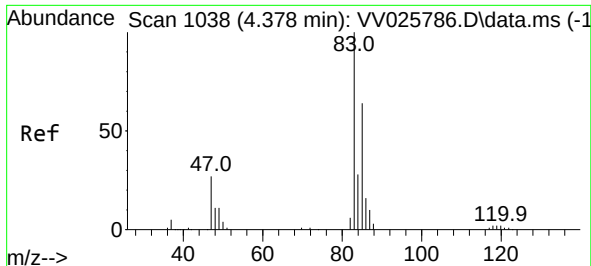
Tgt Ion: 96 Resp: 376871
 Ion Ratio Lower Upper
 96 100
 61 126.8 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 20.944 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV025788.D
 Acq: 03 May 2022 12:33

Tgt Ion: 128 Resp: 147149
 Ion Ratio Lower Upper
 128 100
 49 164.5 100.5 186.7
 130 127.0 87.8 163.0
 51 51.7 35.1 52.7

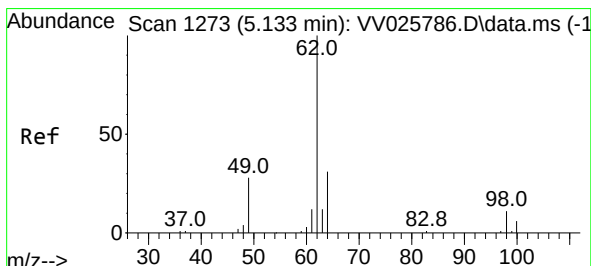
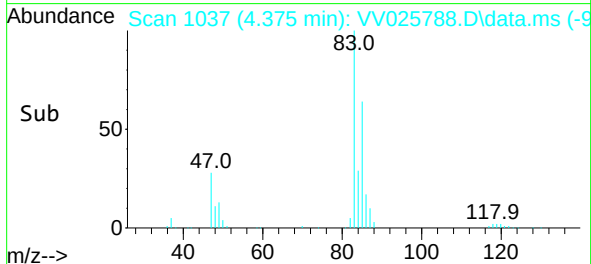
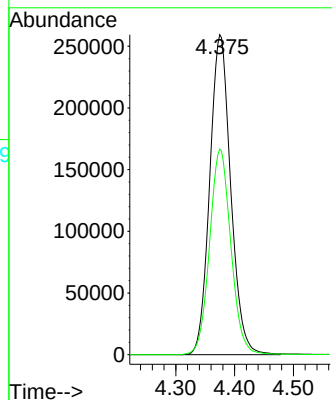
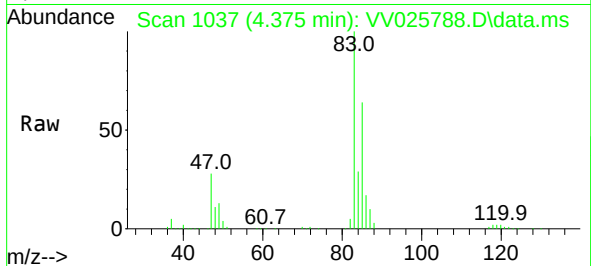




#25
Chloroform
Concen: 20.522 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

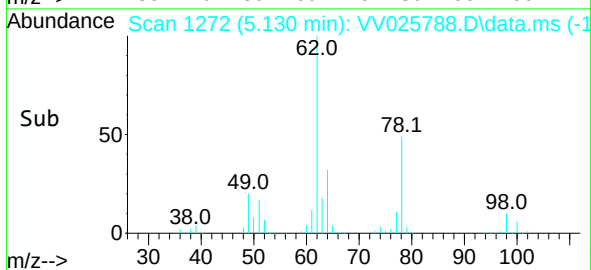
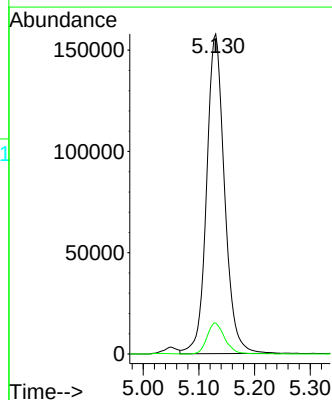
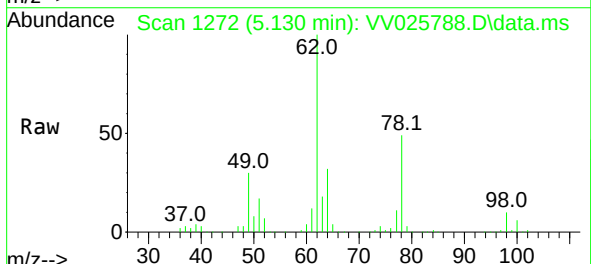
Instrument :
MSVOA_V
ClientSampleId :
VSTD020241

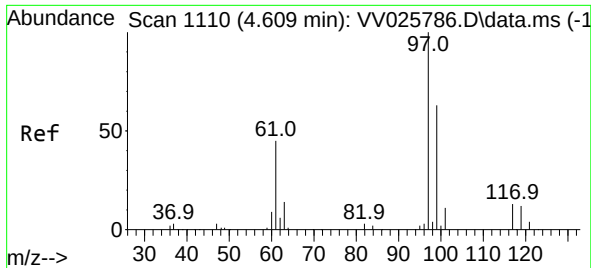
Tgt Ion: 83 Resp: 641328
Ion Ratio Lower Upper
83 100
85 64.3 43.5 80.7



#27
1,2-Dichloroethane
Concen: 20.850 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

Tgt Ion: 62 Resp: 353215
Ion Ratio Lower Upper
62 100
98 9.7 8.8 13.2

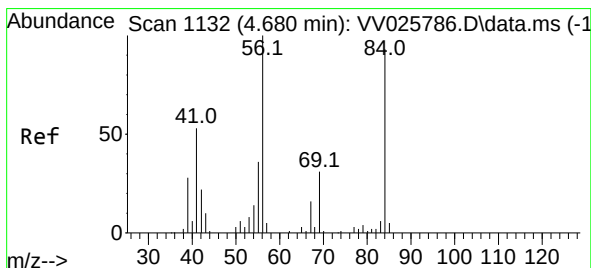
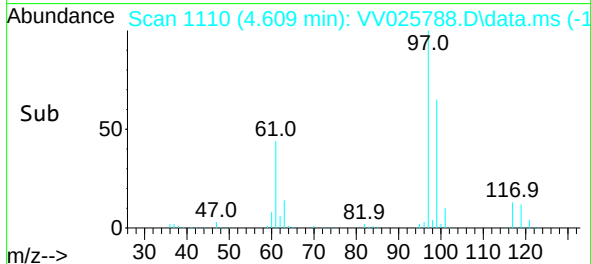
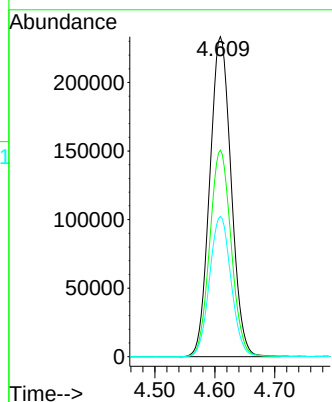
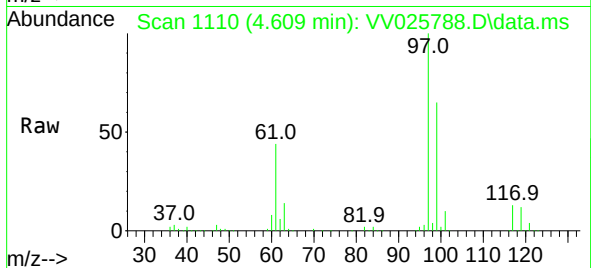




#29
1,1,1-Trichloroethane
Concen: 21.003 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

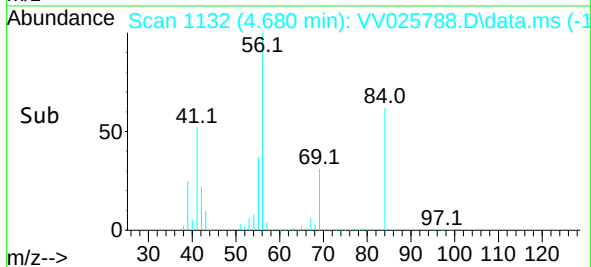
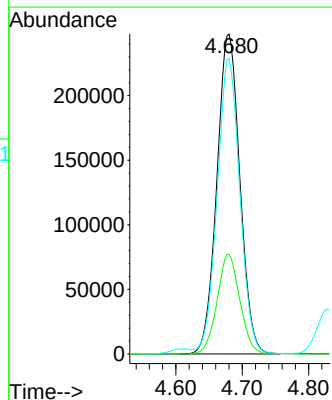
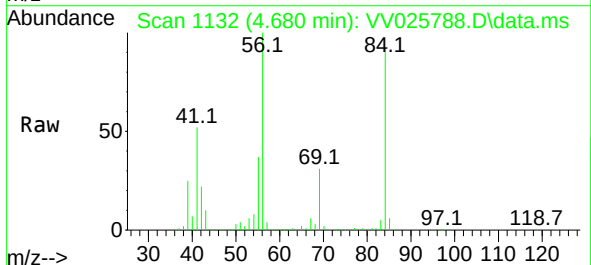
Instrument :
MSVOA_V
ClientSampleId :
VSTD020241

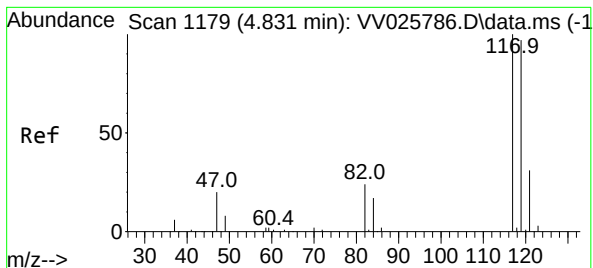
Tgt Ion:	97	Resp:	578486
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.5	77.3
61	44.4	34.3	51.5



#30
Cyclohexane
Concen: 24.030 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

Tgt Ion:	56	Resp:	598616
Ion	Ratio	Lower	Upper
56	100		
69	30.6	26.1	39.1
84	91.1	78.6	118.0





#31

Carbon tetrachloride

Concen: 21.070 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. 0.006 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

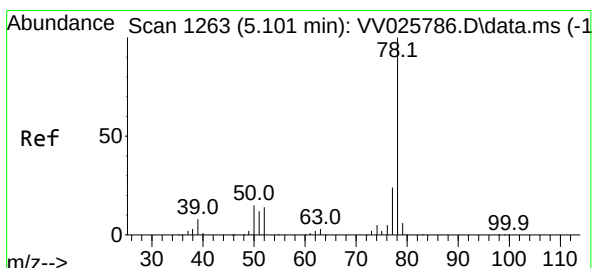
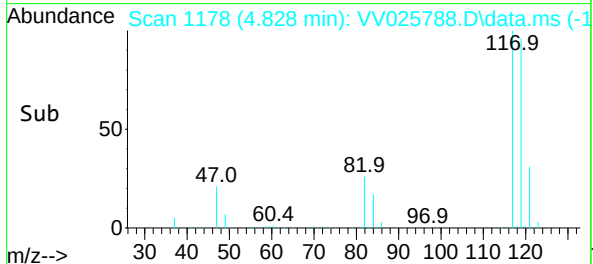
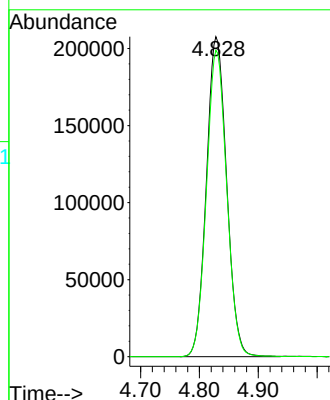
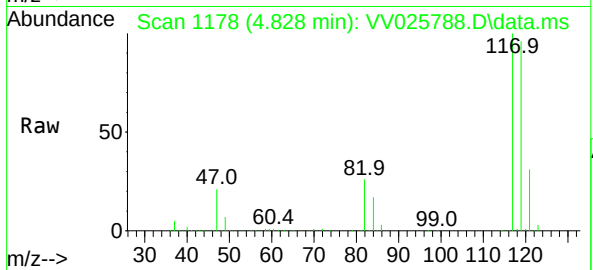
VSTD020241

Tgt Ion:117 Resp: 495451

Ion Ratio Lower Upper

117 100

119 95.8 76.6 114.8



#33

Benzene

Concen: 21.657 ug/L

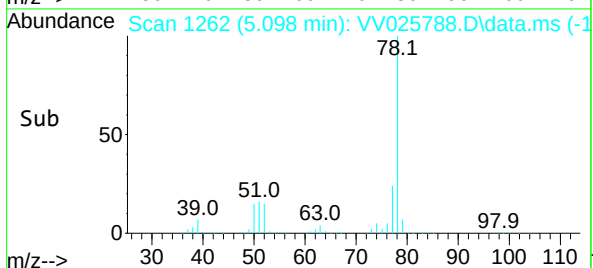
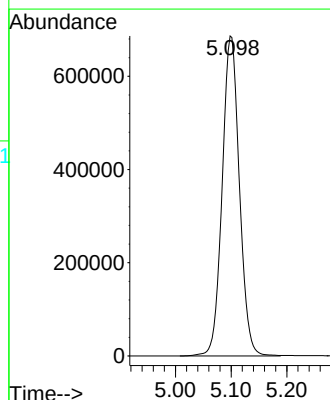
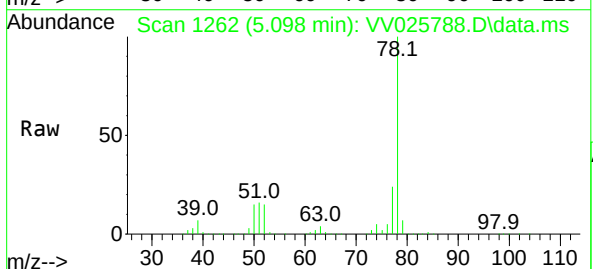
RT: 5.098 min Scan# 1262

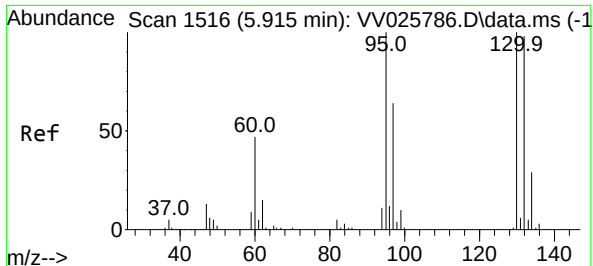
Delta R.T. 0.003 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

Tgt Ion: 78 Resp: 1476027





#34

Trichloroethene

Concen: 21.231 ug/L

RT: 5.911 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD020241

Tgt Ion: 95 Resp: 380729

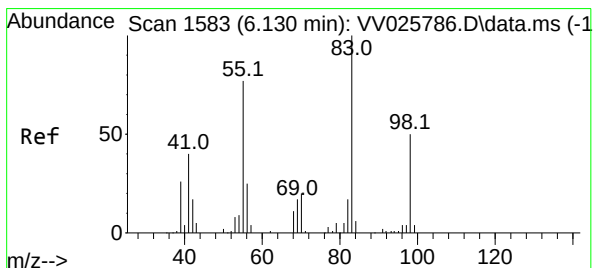
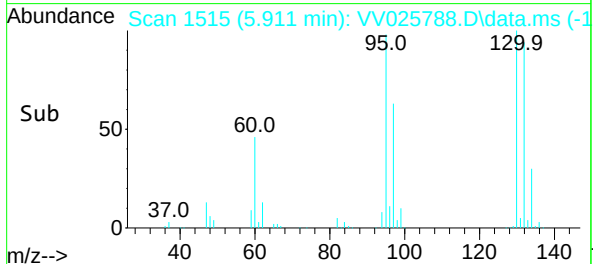
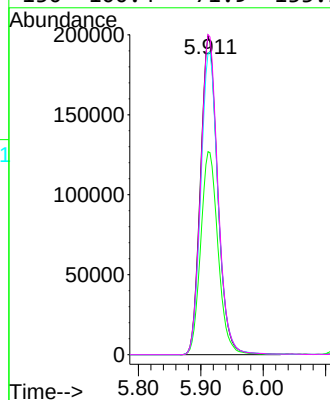
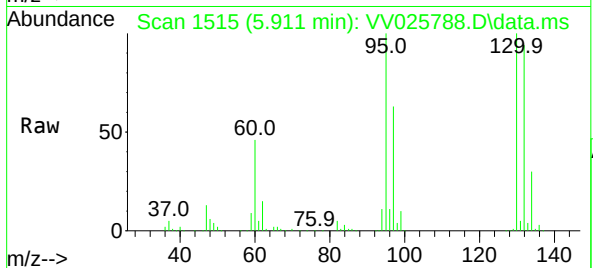
Ion Ratio Lower Upper

95 100

97 63.7 45.8 85.2

132 94.5 68.0 126.4

130 100.4 71.9 133.5



#35

Methylcyclohexane

Concen: 23.998 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

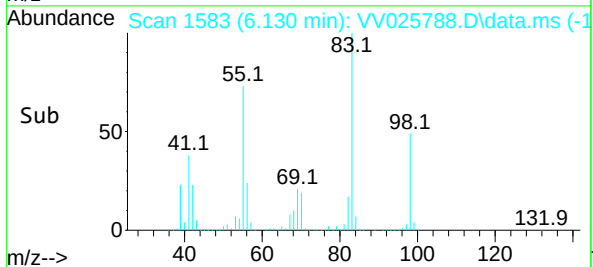
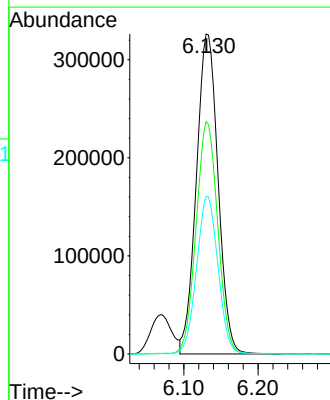
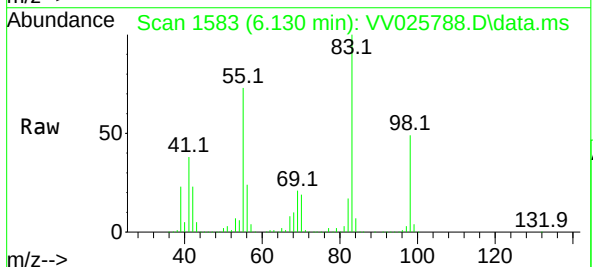
Tgt Ion: 83 Resp: 663114

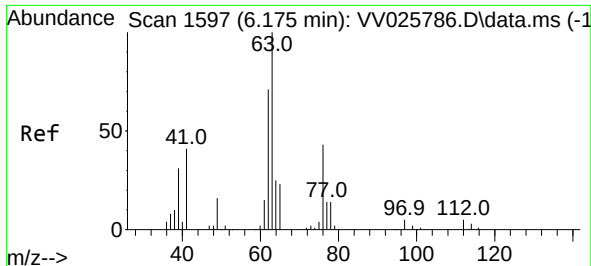
Ion Ratio Lower Upper

83 100

55 72.1 53.7 80.5

98 48.3 39.6 59.4





#37

1,2-Dichloropropane

Concen: 21.161 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

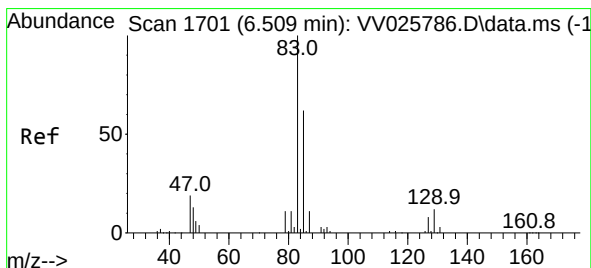
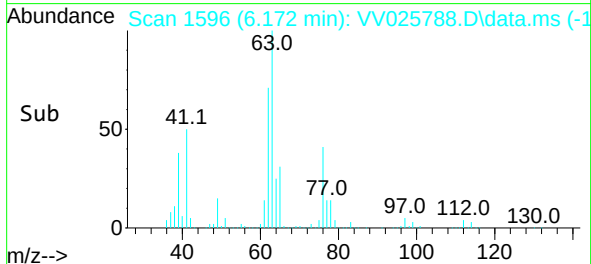
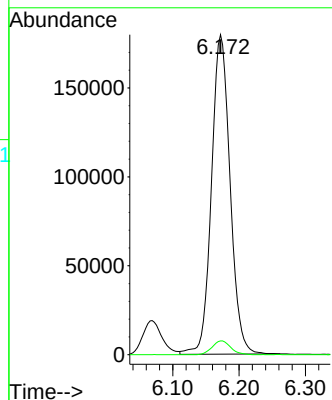
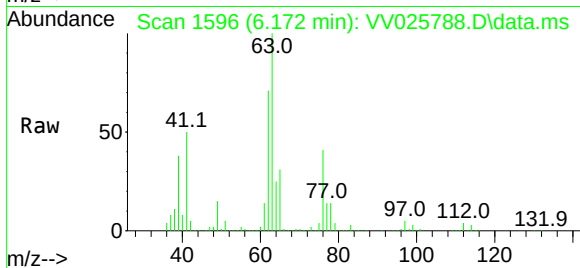
VSTD020241

Tgt Ion: 63 Resp: 350419

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.8



#38

Bromodichloromethane

Concen: 21.007 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

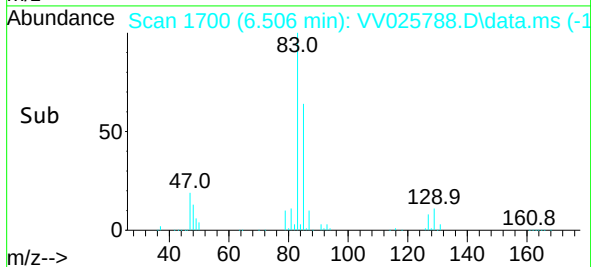
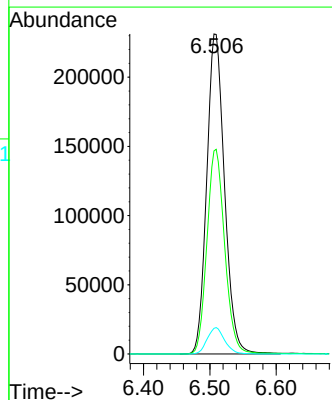
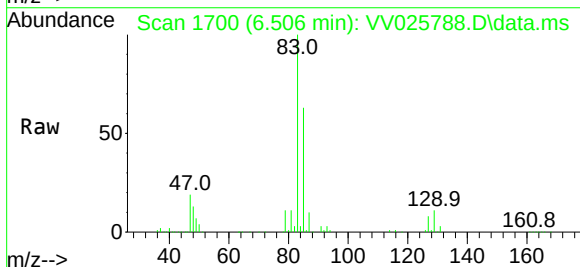
Tgt Ion: 83 Resp: 431246

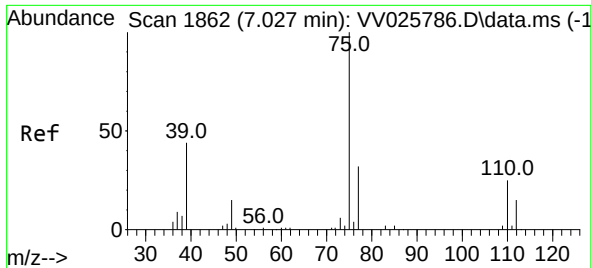
Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.4

127 8.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 24.825 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

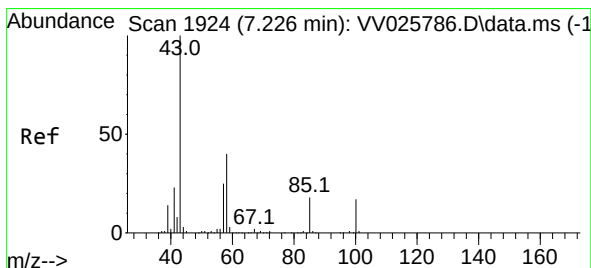
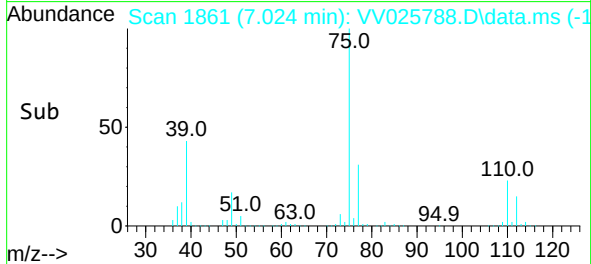
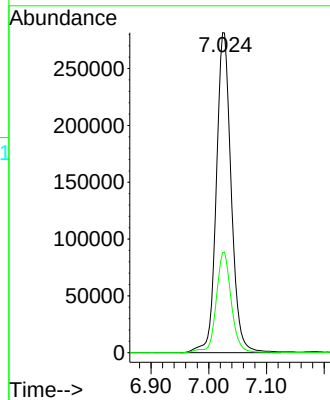
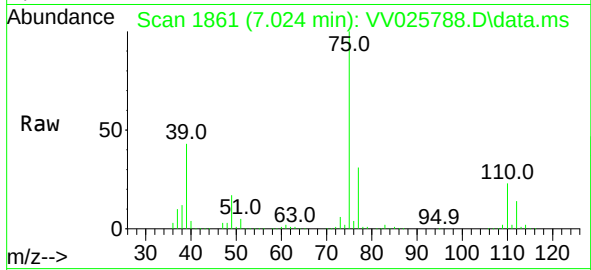
VSTD020241

Tgt Ion: 75 Resp: 503632

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 240.544 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.006 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

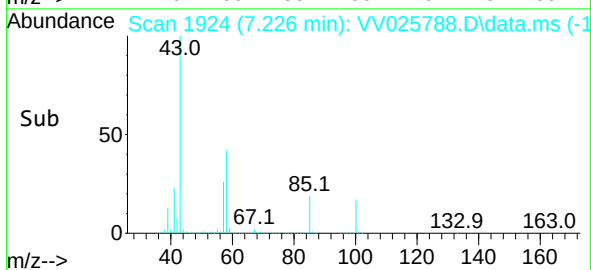
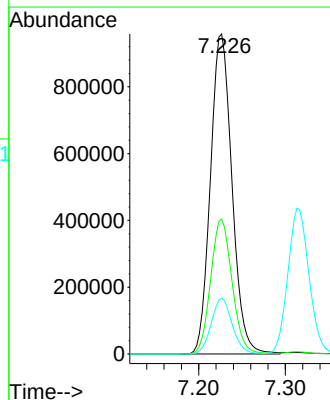
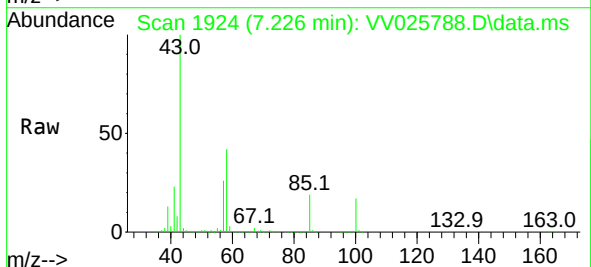
Tgt Ion: 43 Resp: 1654821

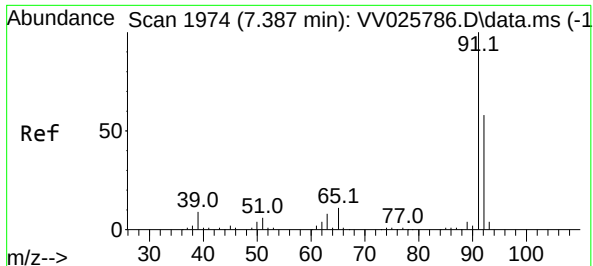
Ion Ratio Lower Upper

43 100

58 41.8 35.1 52.7

100 17.0 15.3 22.9

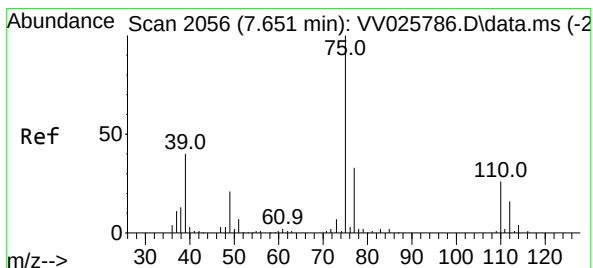
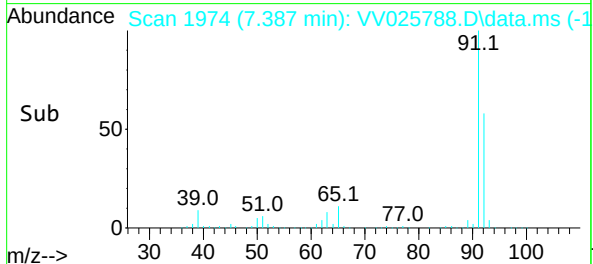
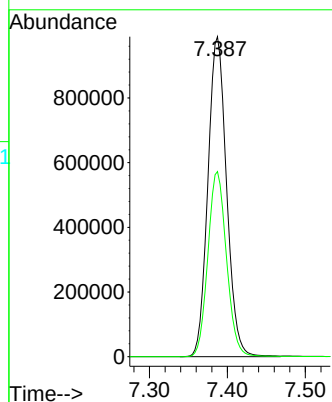
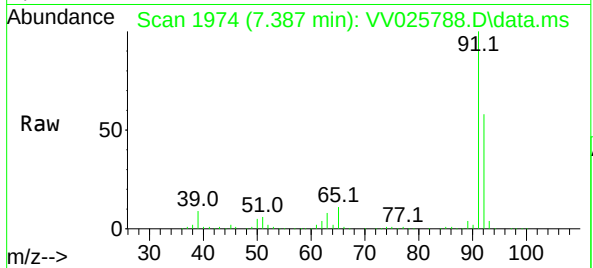




#42
Toluene
Concen: 22.740 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

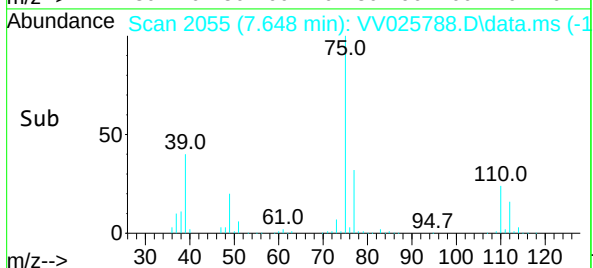
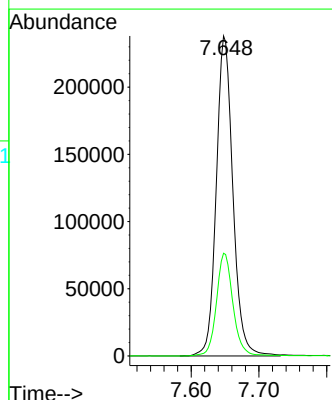
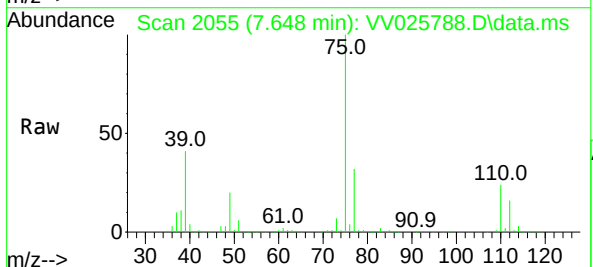
Instrument :
MSVOA_V
ClientSampleId :
VSTD020241

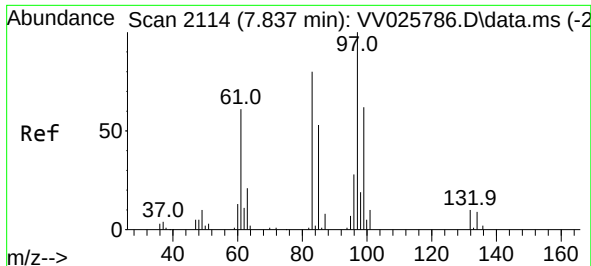
Tgt Ion: 91 Resp: 1645904
Ion Ratio Lower Upper
91 100
92 57.9 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 25.025 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

Tgt Ion: 75 Resp: 404868
Ion Ratio Lower Upper
75 100
77 32.1 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 21.105 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD020241

Tgt Ion: 97 Resp: 222994

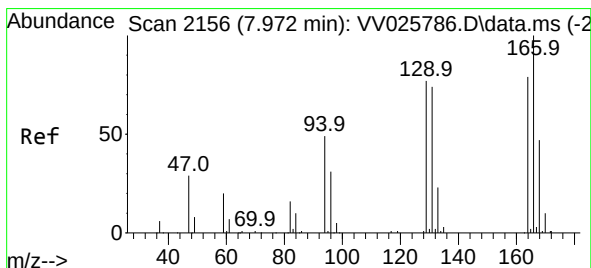
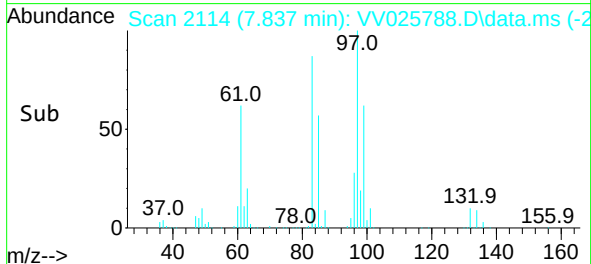
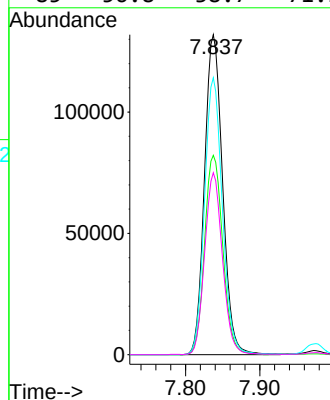
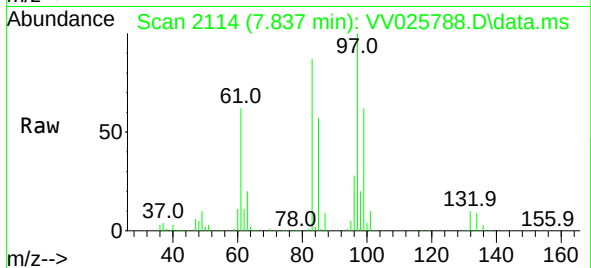
Ion Ratio Lower Upper

97 100

99 62.3 43.8 81.4

83 86.6 60.3 112.1

85 56.8 38.7 71.9



#47

Tetrachloroethene

Concen: 19.219 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

Tgt Ion:164 Resp: 294176

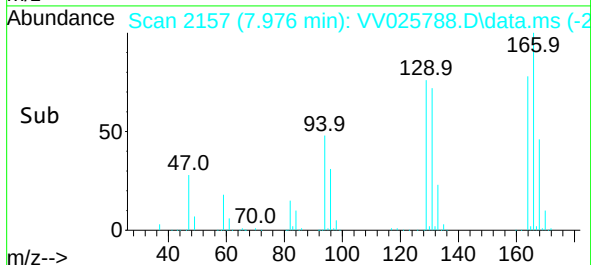
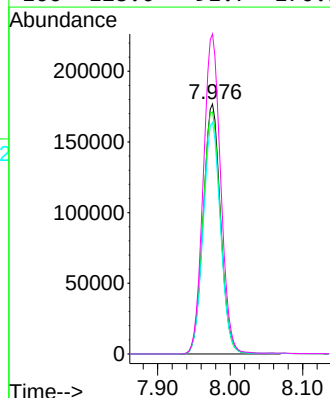
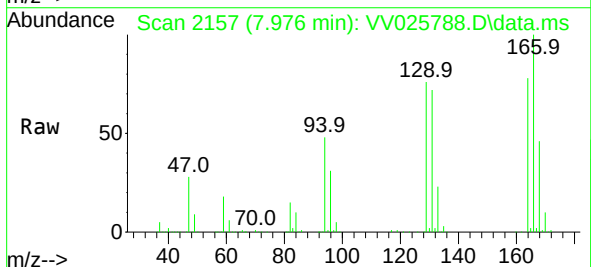
Ion Ratio Lower Upper

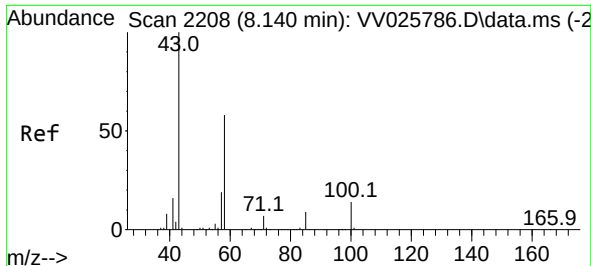
164 100

129 96.9 66.8 124.2

131 92.6 66.4 123.4

166 128.0 91.7 170.3



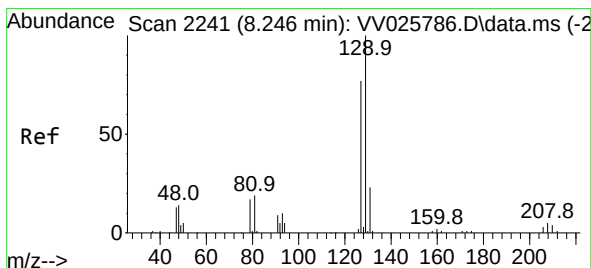
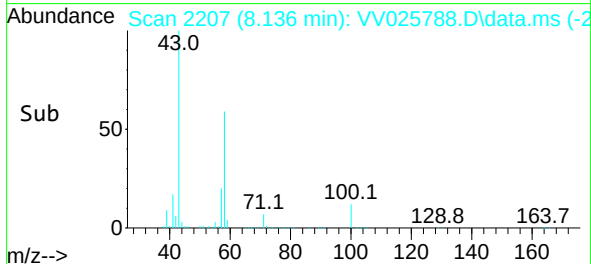
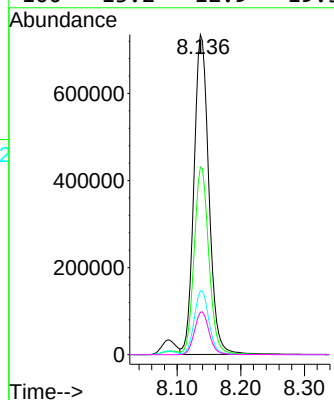
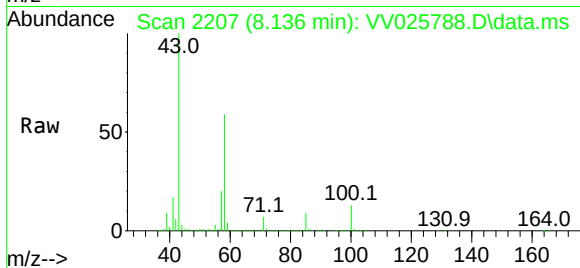


#48
2-Hexanone
Concen: 246.243 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD020241

Tgt Ion: 43 Resp: 1194682

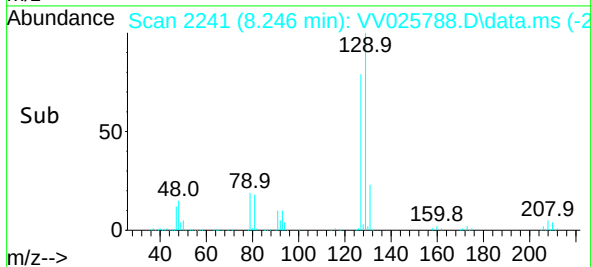
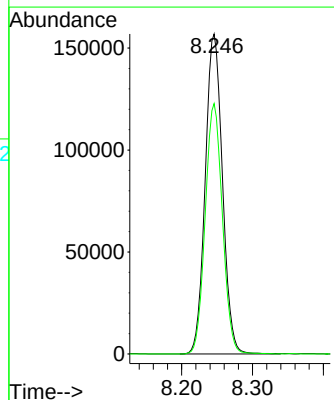
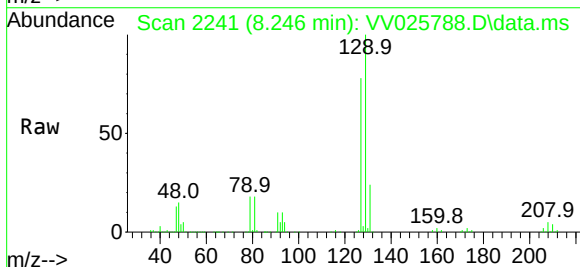
Ion	Ratio	Lower	Upper
43	100		
58	58.1	49.7	74.5
57	19.7	16.4	24.6
100	13.2	12.9	19.3

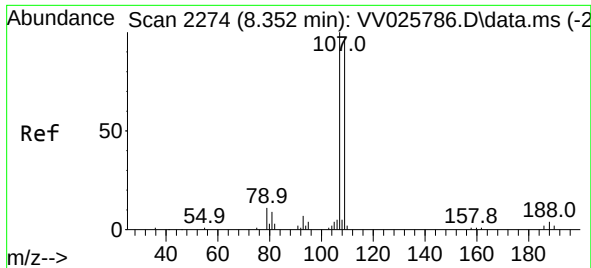


#49
Dibromochloromethane
Concen: 22.748 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

Tgt Ion: 129 Resp: 265201

Ion	Ratio	Lower	Upper
129	100		
127	78.3	53.8	100.0





#50

1,2-Dibromoethane

Concen: 22.174 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD020241

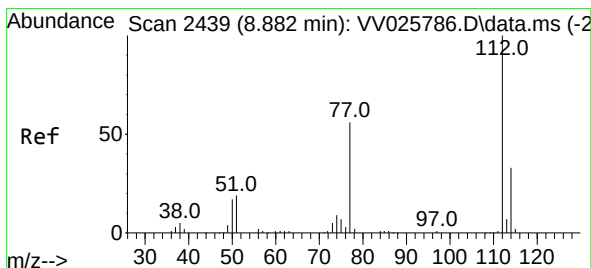
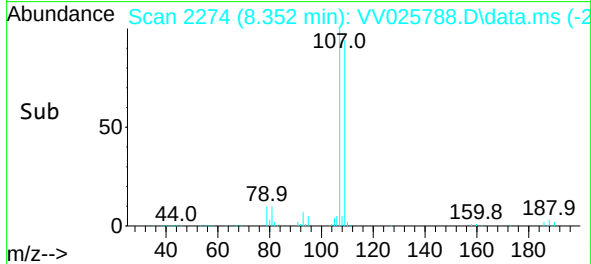
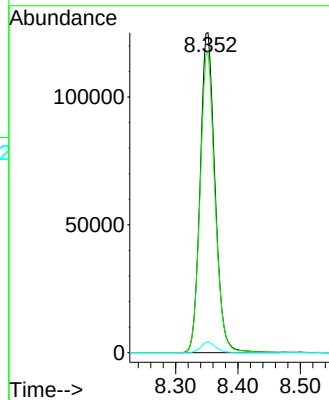
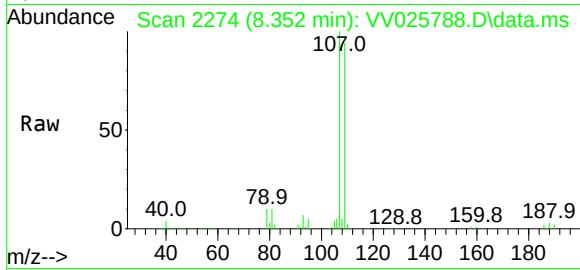
Tgt Ion:107 Resp: 206679

Ion Ratio Lower Upper

107 100

109 94.0 65.9 122.3

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 21.917 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

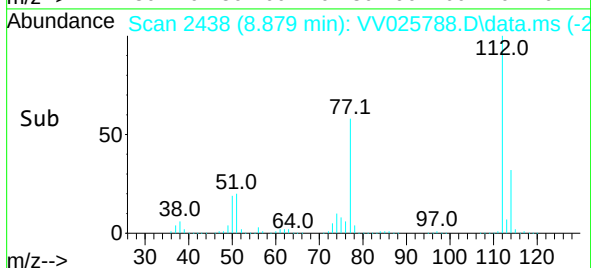
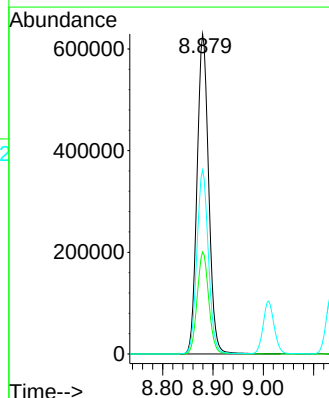
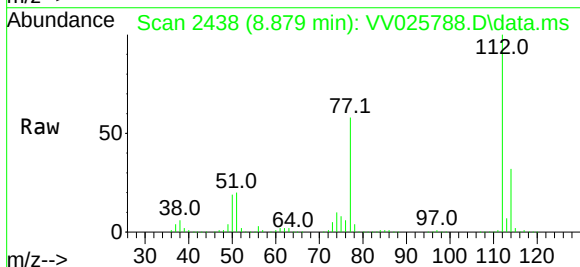
Tgt Ion:112 Resp: 1009162

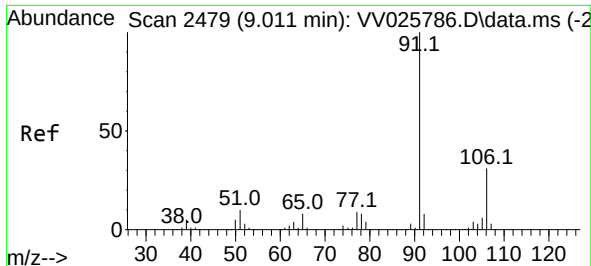
Ion Ratio Lower Upper

112 100

114 31.9 22.4 41.6

77 57.5 43.7 65.5





#52

Ethylbenzene

Concen: 24.473 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

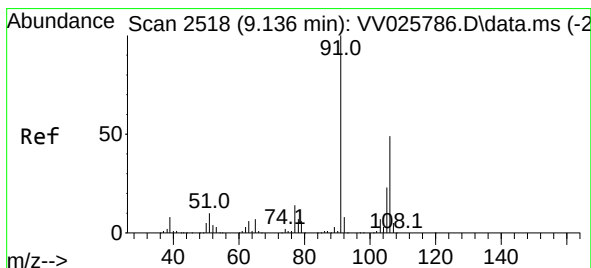
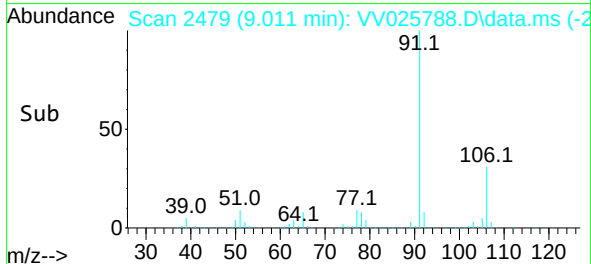
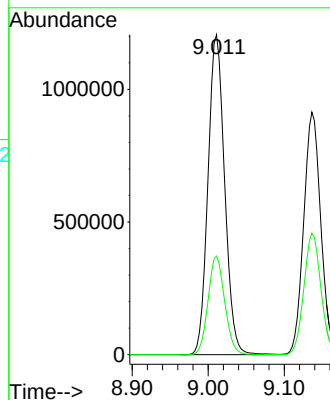
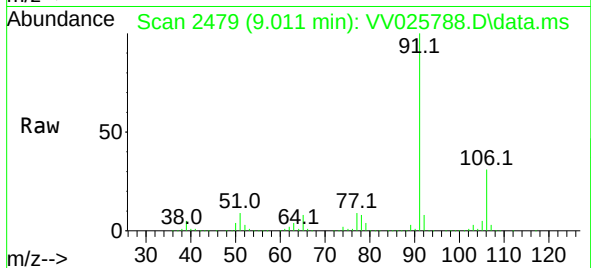
VSTD020241

Tgt Ion: 91 Resp: 1835169

Ion Ratio Lower Upper

91 100

106 30.9 22.3 41.3



#53

m,p-Xylene

Concen: 24.400 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV025788.D

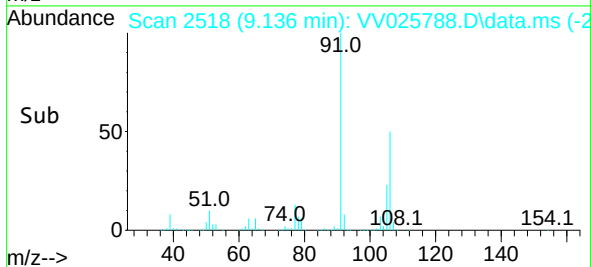
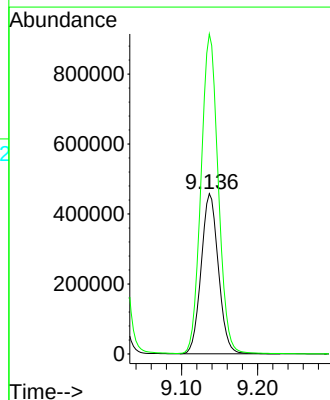
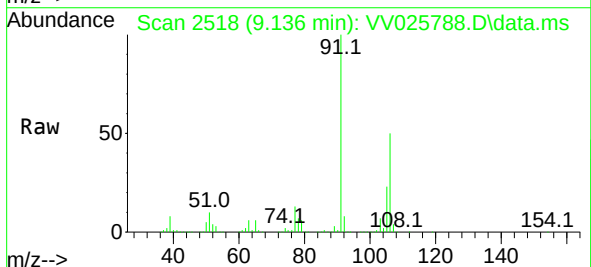
Acq: 03 May 2022 12:33

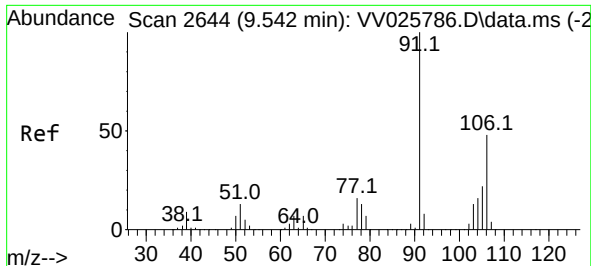
Tgt Ion: 106 Resp: 718859

Ion Ratio Lower Upper

106 100

91 199.6 136.4 253.4

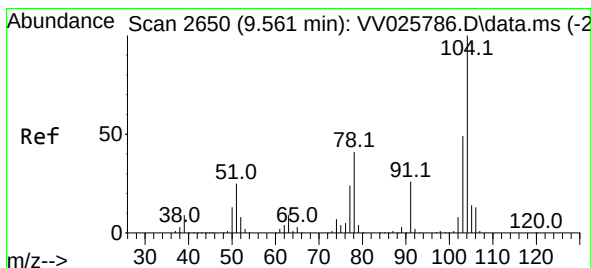
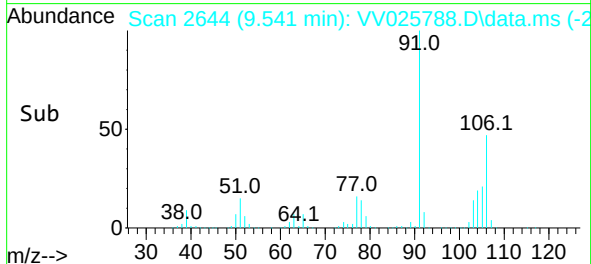
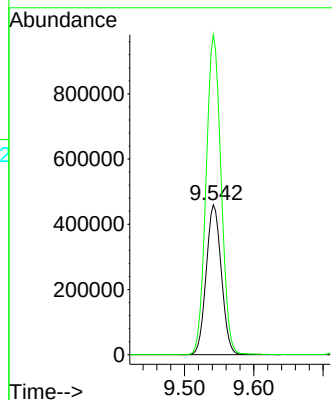
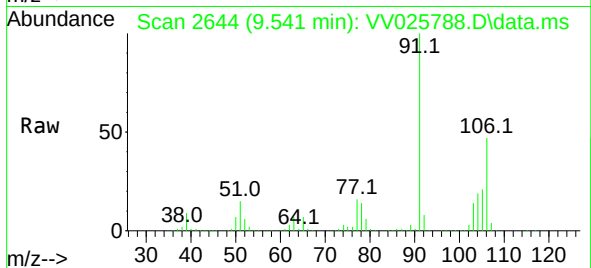




#54
o-Xylene
Concen: 24.924 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

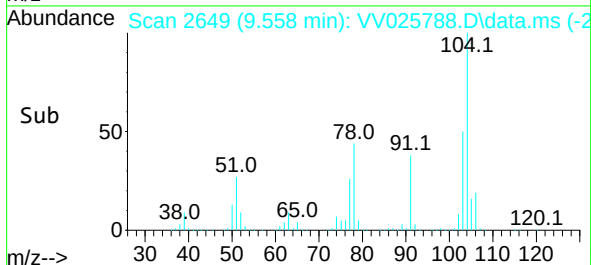
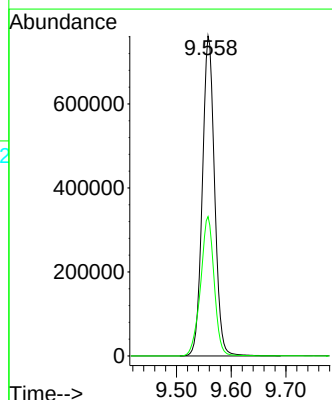
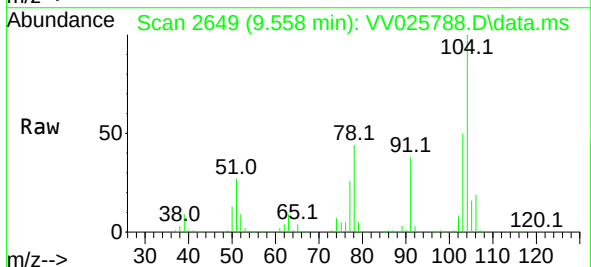
Instrument :
MSVOA_V
ClientSampleId :
VSTD020241

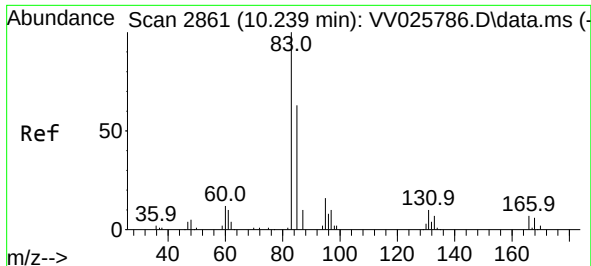
Tgt Ion:106 Resp: 696466
Ion Ratio Lower Upper
106 100
91 213.4 150.4 279.2



#55
Styrene
Concen: 25.657 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

Tgt Ion:104 Resp: 1184230
Ion Ratio Lower Upper
104 100
78 43.6 28.3 52.7

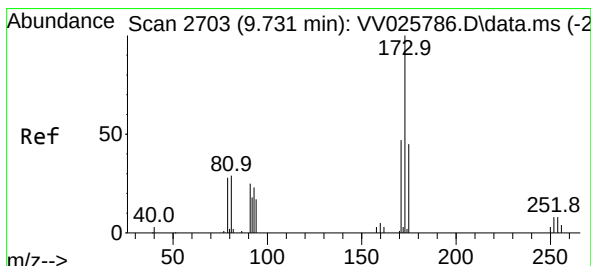
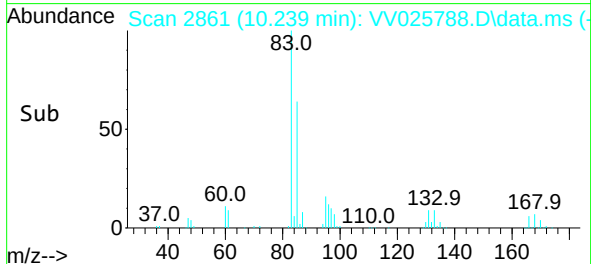
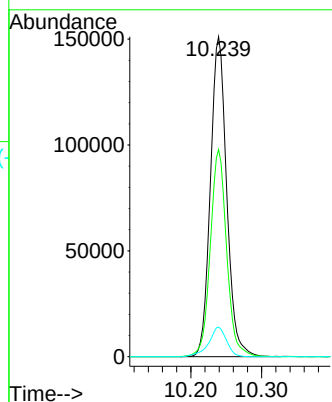
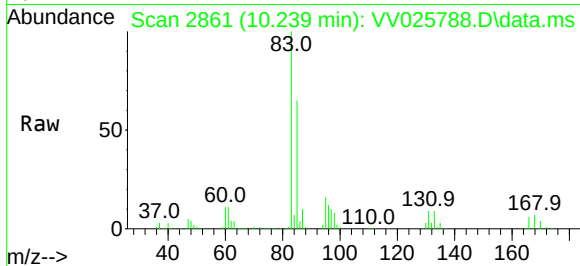




#57
 1,1,2,2-Tetrachloroethane
 Concen: 21.419 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV025788.D
 Acq: 03 May 2022 12:33

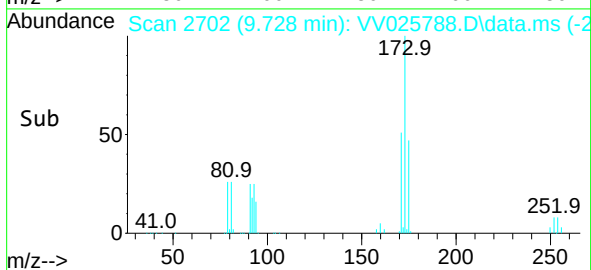
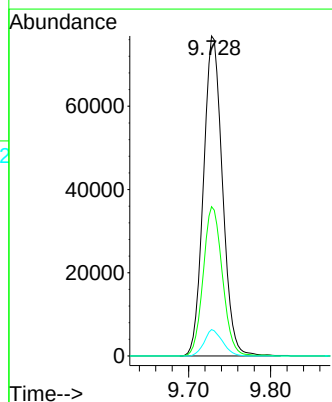
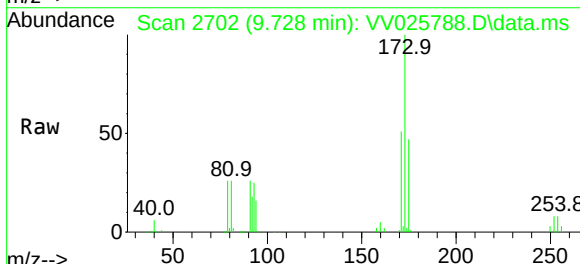
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020241

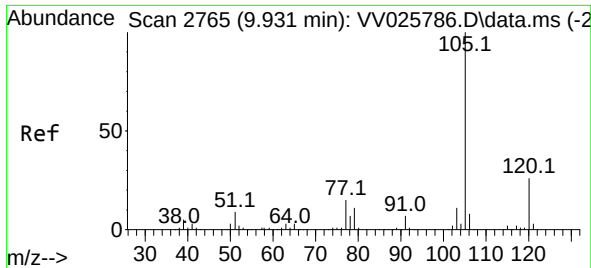
Tgt Ion: 83 Resp: 240949
 Ion Ratio Lower Upper
 83 100
 85 64.7 45.1 83.9
 131 9.3 7.9 11.9



#59
 Bromoform
 Concen: 21.604 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV025788.D
 Acq: 03 May 2022 12:33

Tgt Ion: 173 Resp: 123665
 Ion Ratio Lower Upper
 173 100
 175 47.1 40.8 61.2
 254 7.9 7.0 10.6

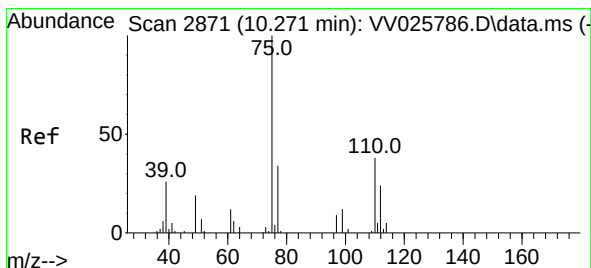
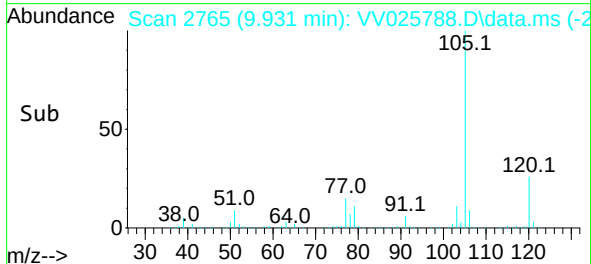
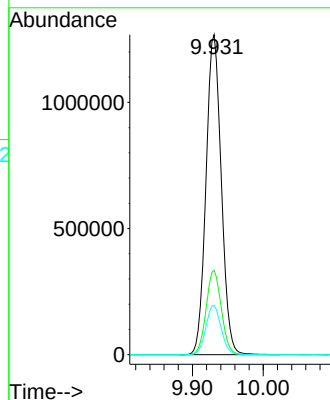
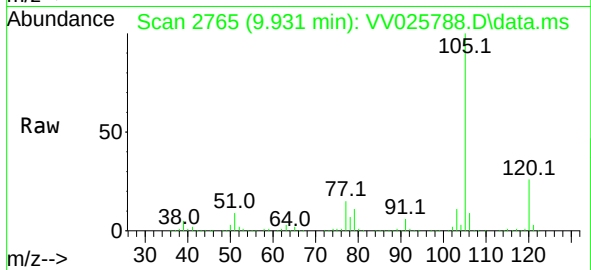




#60
Isopropylbenzene
Concen: 23.133 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

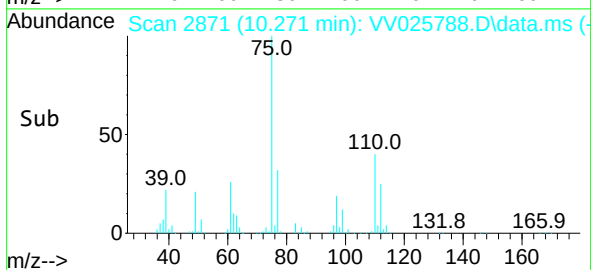
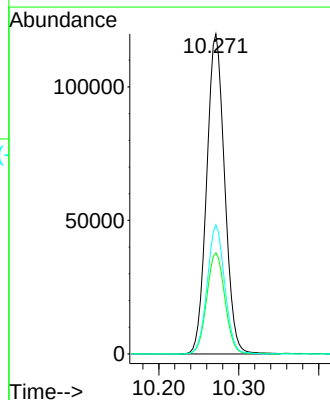
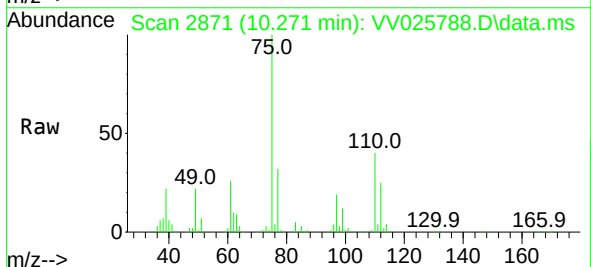
Instrument :
MSVOA_V
ClientSampleId :
VSTD020241

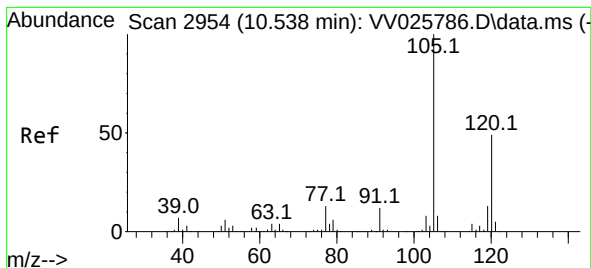
Tgt Ion:105 Resp: 1895384
Ion Ratio Lower Upper
105 100
120 26.4 21.2 31.8
77 15.5 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 19.225 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

Tgt Ion: 75 Resp: 187299
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
110 39.4 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 24.723 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

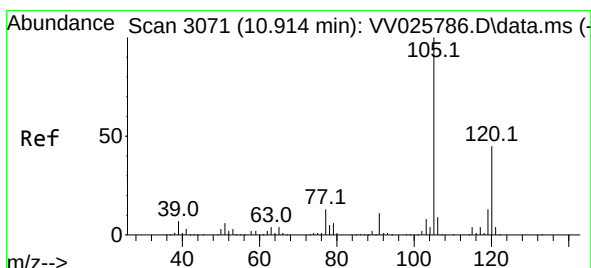
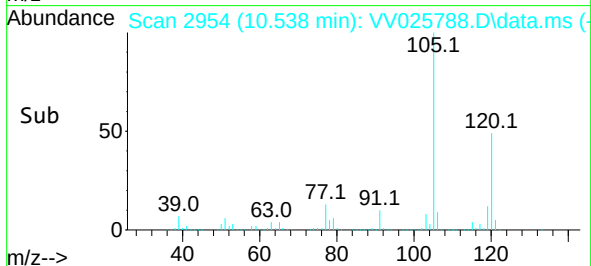
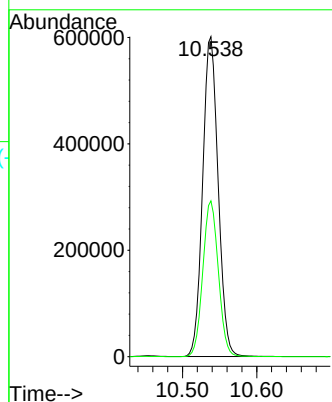
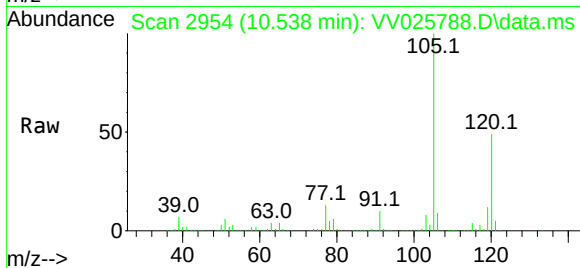
VSTD020241

Tgt Ion:105 Resp: 870481

Ion Ratio Lower Upper

105 100

120 48.8 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 24.935 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV025788.D

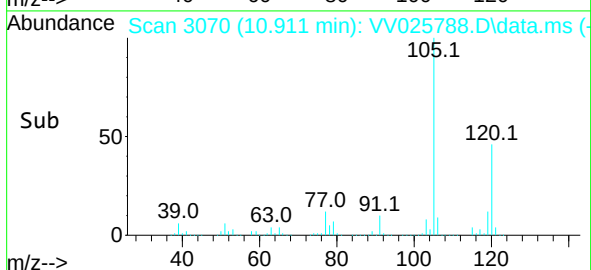
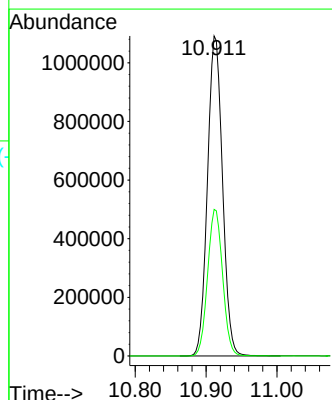
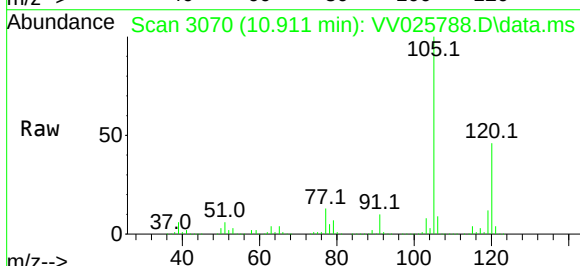
Acq: 03 May 2022 12:33

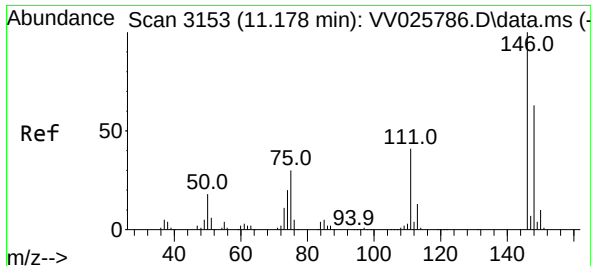
Tgt Ion:105 Resp: 1604607

Ion Ratio Lower Upper

105 100

120 45.8 36.6 55.0

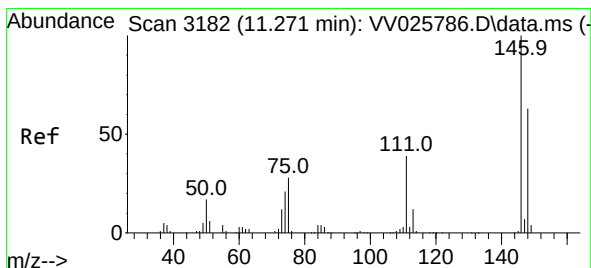
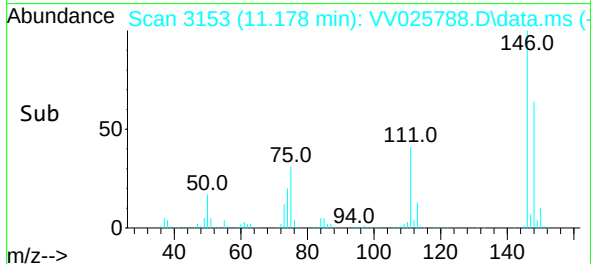
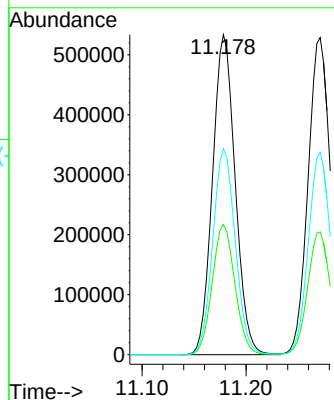
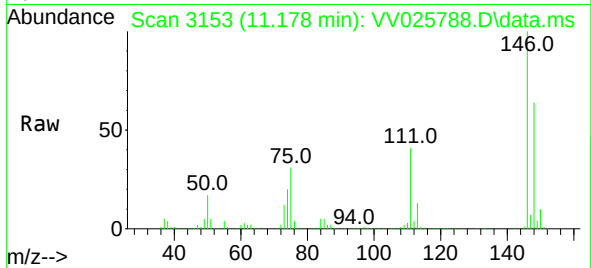




#64
1,3-Dichlorobenzene
Concen: 21.462 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

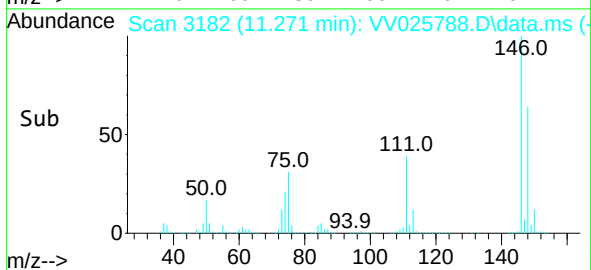
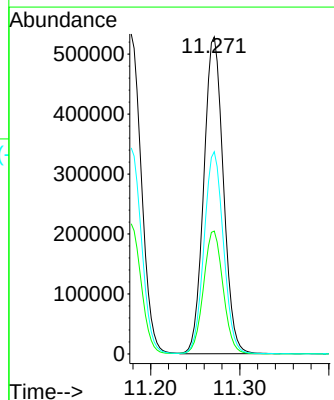
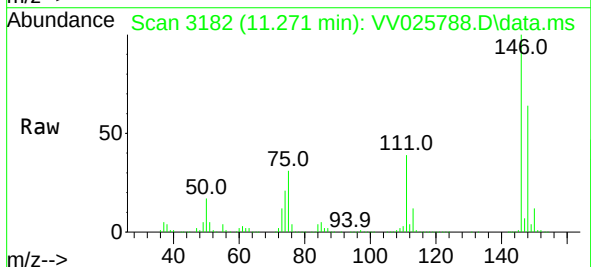
Instrument :
MSVOA_V
ClientSampleId :
VSTD020241

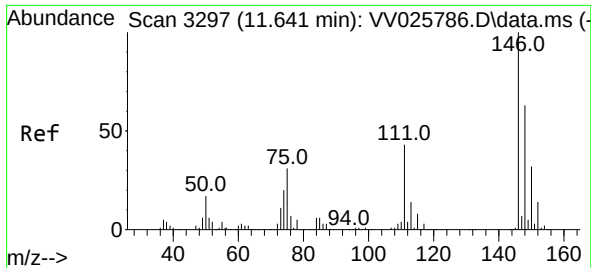
Tgt Ion:146 Resp: 809113
Ion Ratio Lower Upper
146 100
111 40.7 27.4 50.8
148 64.4 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 20.882 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

Tgt Ion:146 Resp: 803790
Ion Ratio Lower Upper
146 100
111 38.8 26.7 49.7
148 63.8 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 21.225 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD020241

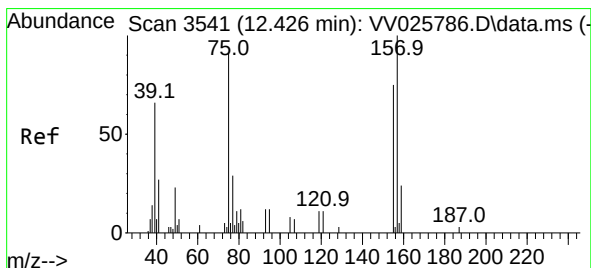
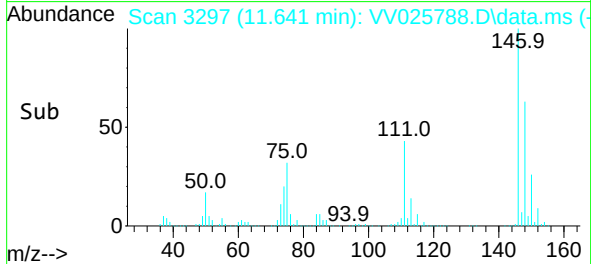
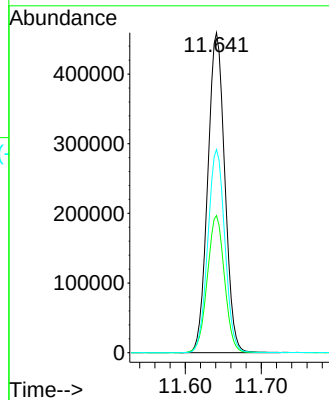
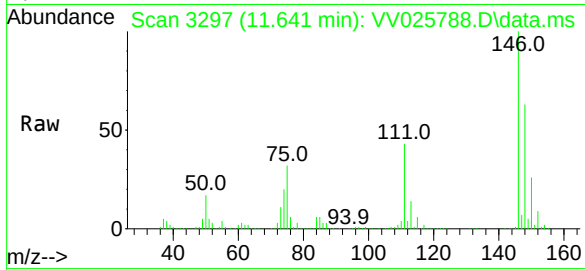
Tgt Ion:146 Resp: 714453

Ion Ratio Lower Upper

146 100

111 42.9 33.6 50.4

148 63.5 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 20.805 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

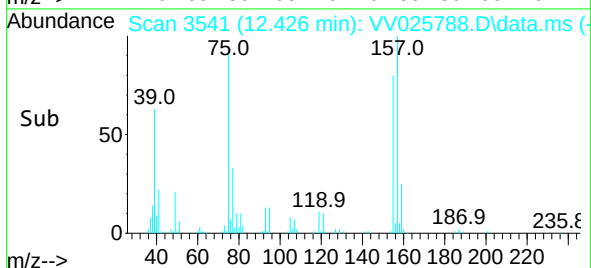
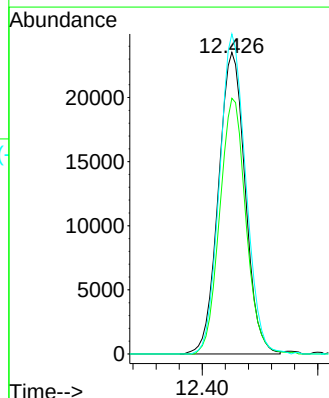
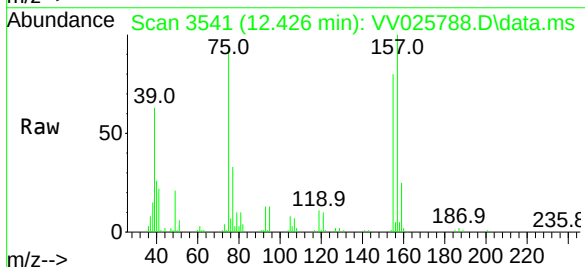
Tgt Ion: 75 Resp: 37815

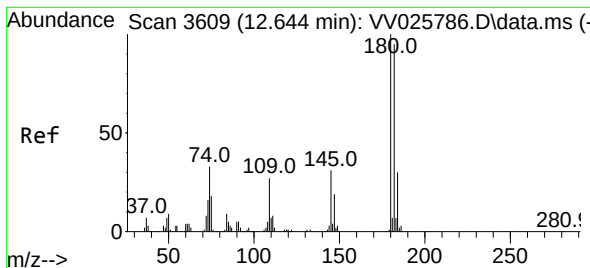
Ion Ratio Lower Upper

75 100

155 84.8 65.8 98.8

157 106.1 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 21.707 ug/L

RT: 12.641 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD020241

Tgt Ion:180 Resp: 614258

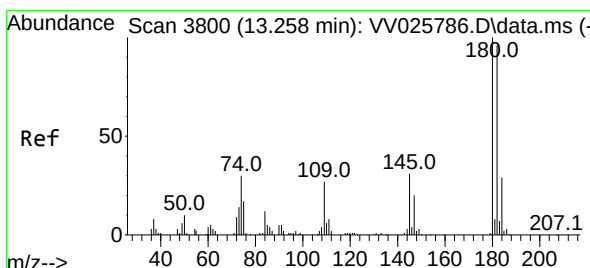
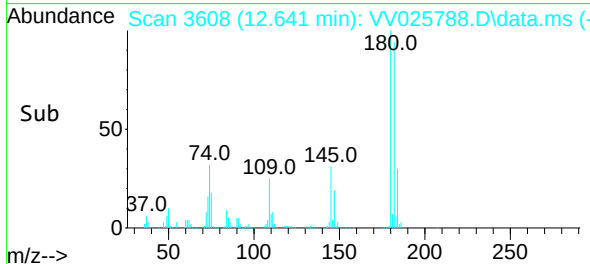
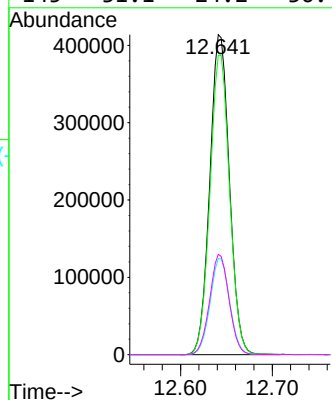
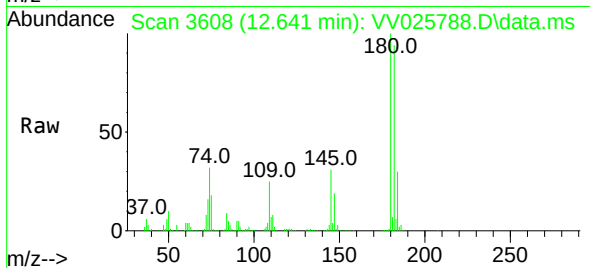
Ion Ratio Lower Upper

180 100

182 94.0 75.3 112.9

184 30.1 23.4 35.2

145 31.1 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 22.497 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV025788.D

Acq: 03 May 2022 12:33

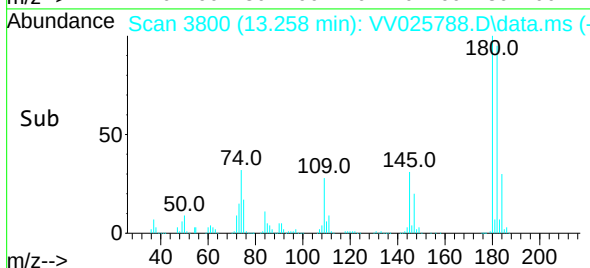
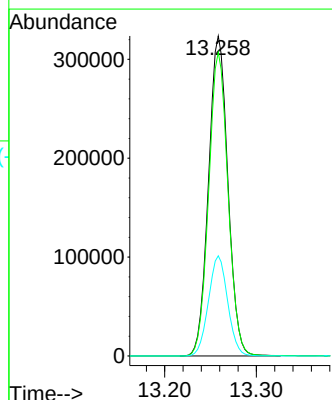
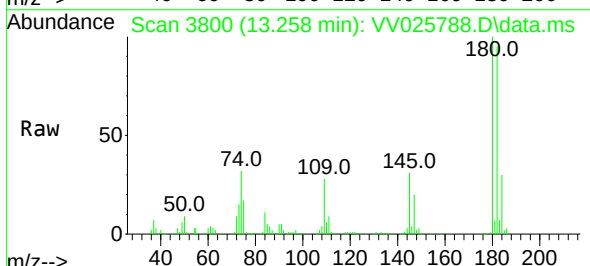
Tgt Ion:180 Resp: 475276

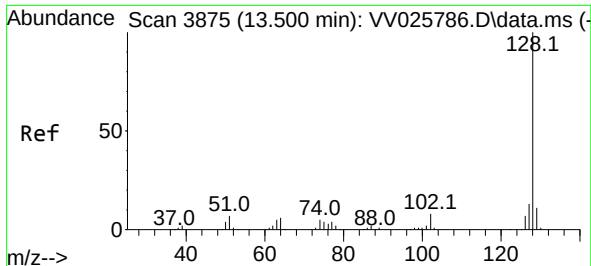
Ion Ratio Lower Upper

180 100

182 94.5 76.6 114.8

145 31.0 24.6 36.8

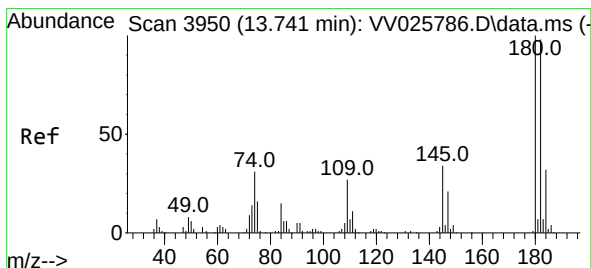
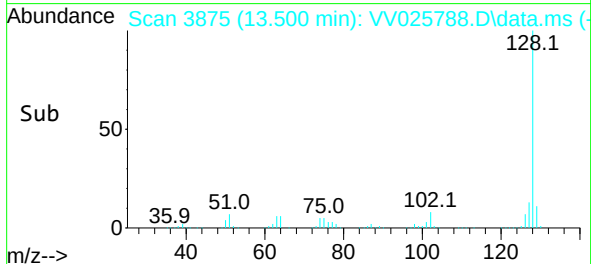
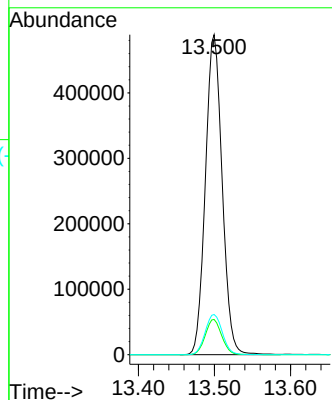
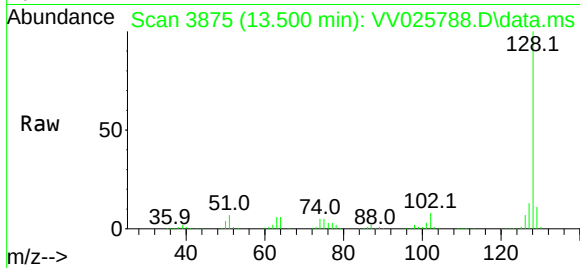




#71
Naphthalene
Concen: 24.923 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD020241

Tgt Ion:128 Resp: 747542
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.9 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 22.634 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025788.D
Acq: 03 May 2022 12:33

Tgt Ion:180 Resp: 389673
Ion Ratio Lower Upper
180 100
182 94.4 77.7 116.5
145 32.8 27.4 41.2

