

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
 Data File : VV025787.D
 Acq On : 03 May 2022 12:09
 Operator : SY/MD
 Sample : VSTD01040
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010240

Quant Time: May 03 12:31:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 12:14:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	177140	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	181520	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	101631	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	199029	11.477	ug/L	0.00
7) Chloroethane-d5	1.571	69	176618	9.941	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	377317	11.037	ug/L	0.00
20) 2-Butanone-d5	3.896	46	291897	134.840	ug/L	0.00
24) Chloroform-d	4.349	84	307575	11.714	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	137573	12.126	ug/L	0.00
32) Benzene-d6	5.050	84	629836	11.474	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	181285	11.752	ug/L	0.00
41) Toluene-d8	7.313	98	589736	11.646	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	60932	11.935	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	255550	137.494	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	112555	11.559	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	189587	10.907	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	197398	11.559	ug/L	99
3) Chloromethane	1.243	50	225425	11.959	ug/L	99
5) Vinyl chloride	1.314	62	232284	11.194	ug/L	99
6) Bromomethane	1.526	94	124572	8.743	ug/L	100
8) Chloroethane	1.587	64	147224	9.455	ug/L	99
9) Trichlorofluoromethane	1.757	101	318862	11.087	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	166586	10.377	ug/L	98
12) 1,1-Dichloroethene	2.121	96	163315	10.306	ug/L	96
13) Acetone	2.191	43	159911	111.211	ug/L	95
14) Carbon disulfide	2.298	76	438641	11.328	ug/L	100
15) Methyl Acetate	2.439	43	39013	12.098	ug/L	91
16) Methylene chloride	2.510	84	140608	9.122	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	258906	10.544	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	145629	10.840	ug/L	96
19) 1,1-Dichloroethane	3.191	63	262501	11.358	ug/L	97
21) 2-Butanone	3.976	43	244448	121.945	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	151704	10.827	ug/L	90
23) Bromochloromethane	4.252	128	61664	10.545	ug/L	92
25) Chloroform	4.378	83	268785	11.097	ug/L	97
27) 1,2-Dichloroethane	5.130	62	149345	11.588	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	238893	10.630	ug/L	98
30) Cyclohexane	4.680	56	231062	11.410	ug/L	95
31) Carbon tetrachloride	4.828	117	202656	10.700	ug/L	100
33) Benzene	5.101	78	608034	10.824	ug/L	100
34) Trichloroethene	5.915	95	153207	10.408	ug/L	99
35) Methylcyclohexane	6.130	83	257359	10.913	ug/L	96
37) 1,2-Dichloropropane	6.172	63	141412	10.764	ug/L	99
38) Bromodichloromethane	6.510	83	177656	10.970	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	193396	11.479	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	645761	121.609	ug/L	96
42) Toluene	7.387	91	660785	10.878	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	153939	11.617	ug/L	99

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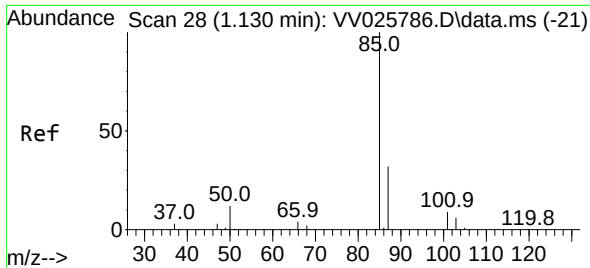
Quant Time: May 03 12:31:31 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	90383	10.410	ug/L	100
47) Tetrachloroethene	7.976	164	119937	10.361	ug/L	98
48) 2-Hexanone	8.137	43	471975	126.937	ug/L	94
49) Dibromochloromethane	8.246	129	103765	10.921	ug/L	99
50) 1,2-Dibromoethane	8.352	107	81424	10.161	ug/L	99
51) Chlorobenzene	8.879	112	404181	10.483	ug/L	98
52) Ethylbenzene	9.011	91	707024	11.009	ug/L	99
53) m,p-Xylene	9.136	106	279584	11.443	ug/L	97
54) o-Xylene	9.542	106	266377	11.225	ug/L	98
55) Styrene	9.558	104	455712	11.699	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	96221	10.996	ug/L	99
59) Bromoform	9.731	173	45946	10.472	ug/L	97
60) Isopropylbenzene	9.931	105	716549	11.065	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	75210	10.762	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	308540	10.820	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	587412	11.353	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	313781	10.399	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	310593	10.165	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	273164	10.225	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	13908	11.209	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	229908	10.094	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	171336	9.807	ug/L	100
71) Naphthalene	13.500	128	261511	10.262	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	143738	9.910	ug/L	98

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

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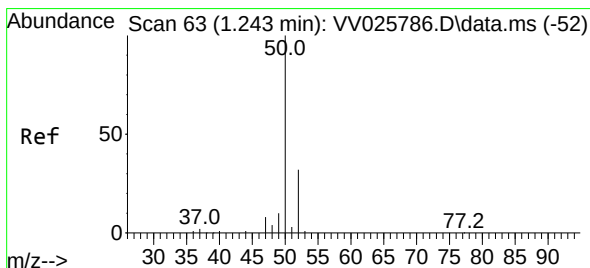
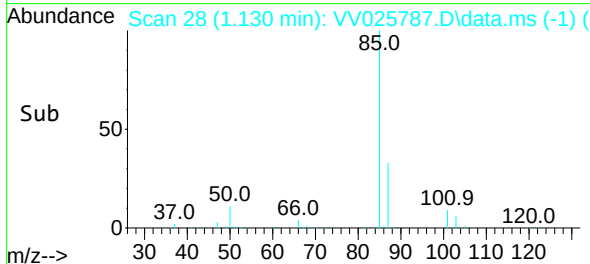
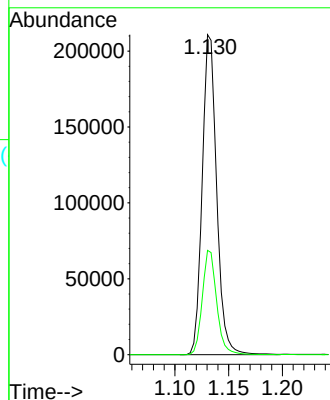
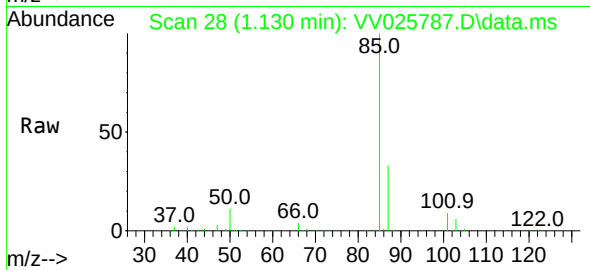




#2
 Dichlorodifluoromethane
 Concen: 11.559 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025787.D
 Acq: 03 May 2022 12:09

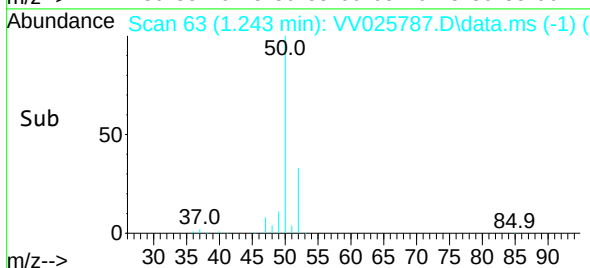
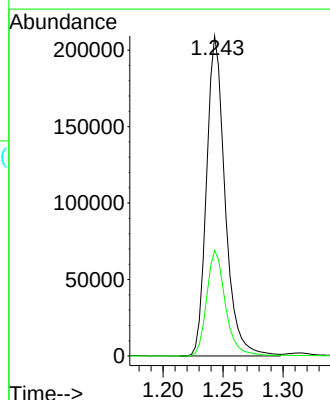
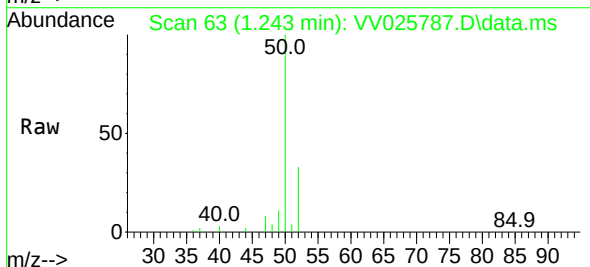
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010240

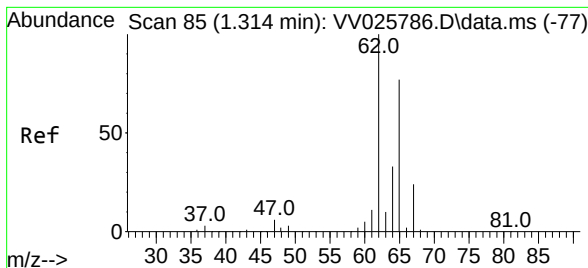
Tgt Ion: 85 Resp: 197398
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.6 38.4



#3
 Chloromethane
 Concen: 11.959 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025787.D
 Acq: 03 May 2022 12:09

Tgt Ion: 50 Resp: 225425
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.7 43.9





#5

Vinyl chloride

Concen: 11.194 ug/L

RT: 1.314 min Scan# 85

Delta R.T. 0.000 min

Lab File: VV025787.D

Acq: 03 May 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

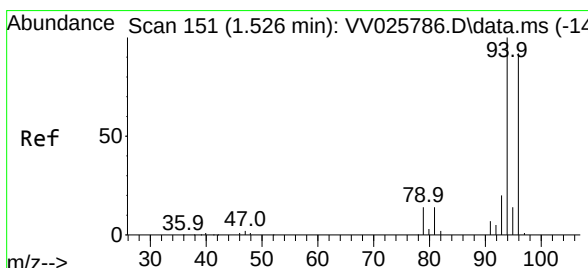
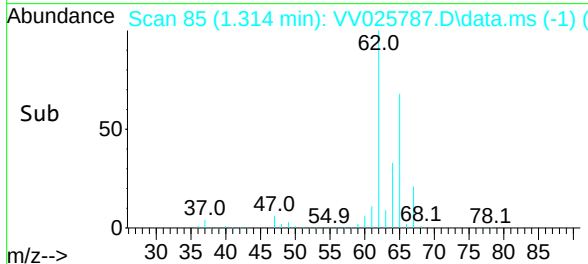
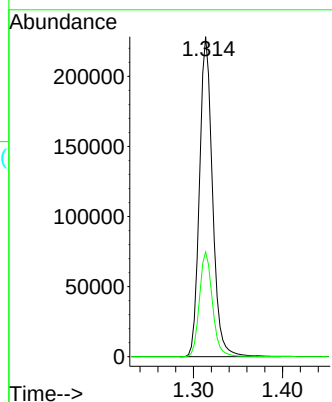
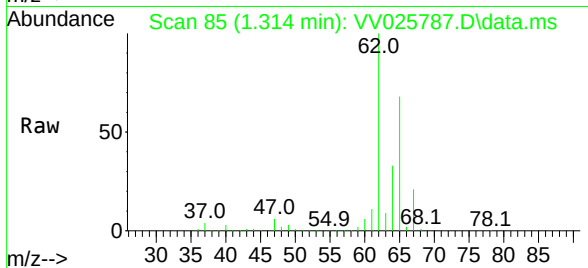
VSTD010240

Tgt Ion: 62 Resp: 232284

Ion Ratio Lower Upper

62 100

64 32.8 23.2 43.2



#6

Bromomethane

Concen: 8.743 ug/L

RT: 1.526 min Scan# 151

Delta R.T. 0.000 min

Lab File: VV025787.D

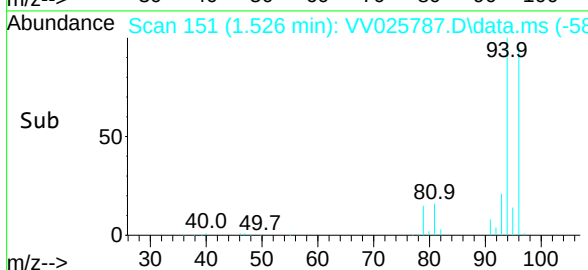
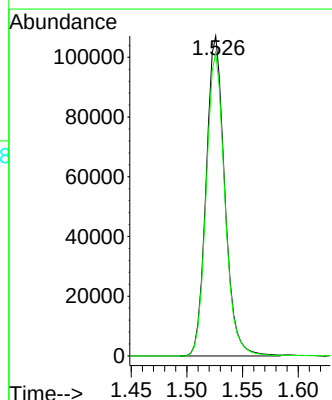
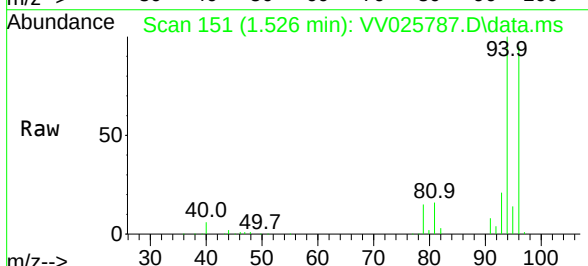
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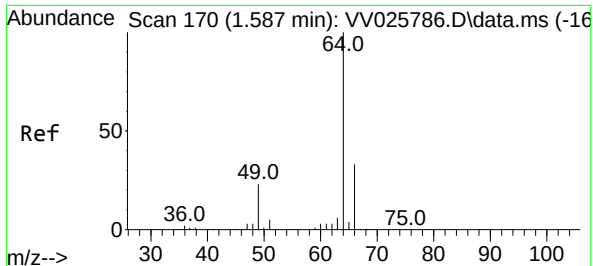
Tgt Ion: 94 Resp: 124572

Ion Ratio Lower Upper

94 100

96 94.8 66.1 122.7





#8

Chloroethane

Concen: 9.455 ug/L

RT: 1.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV025787.D

Acq: 03 May 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

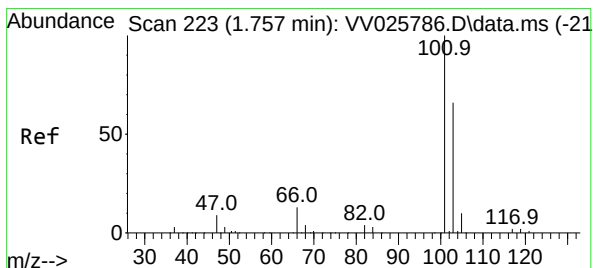
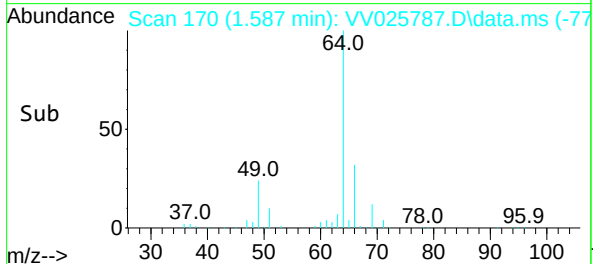
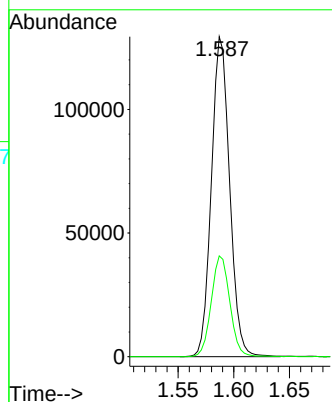
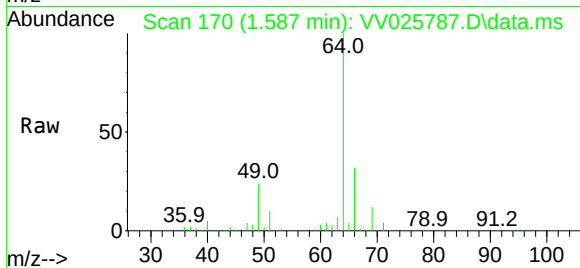
VSTD010240

Tgt Ion: 64 Resp: 147224

Ion Ratio Lower Upper

64 100

66 31.5 21.8 40.6



#9

Trichlorofluoromethane

Concen: 11.087 ug/L

RT: 1.757 min Scan# 223

Delta R.T. 0.000 min

Lab File: VV025787.D

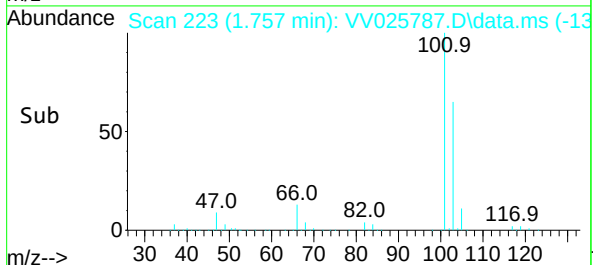
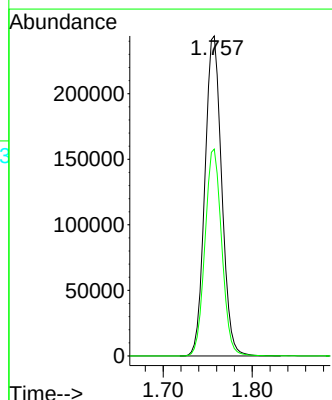
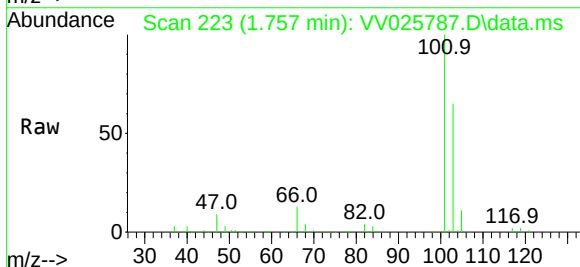
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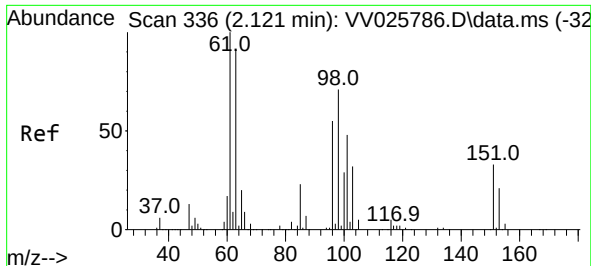
Tgt Ion:101 Resp: 318862

Ion Ratio Lower Upper

101 100

103 64.5 51.9 77.9

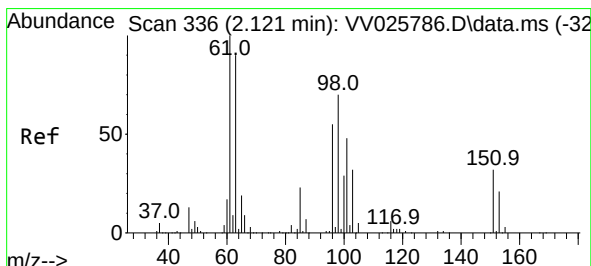
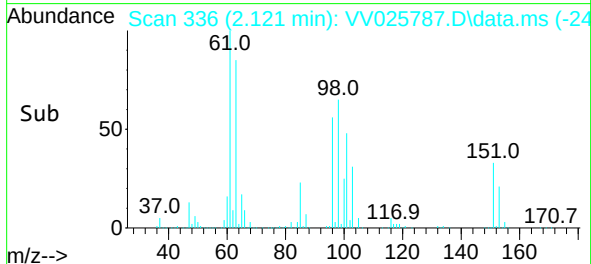
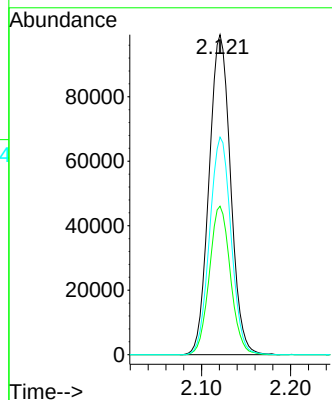
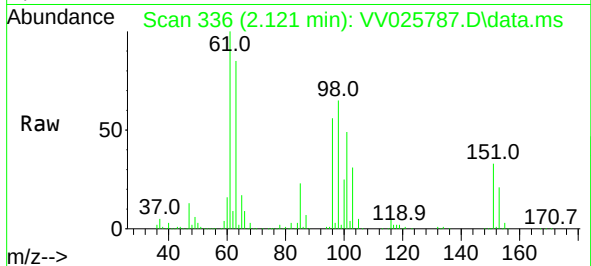




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.377 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025787.D
 Acq: 03 May 2022 12:09

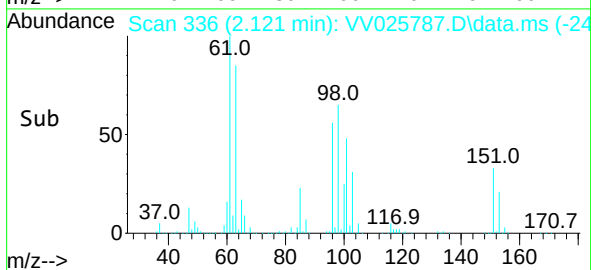
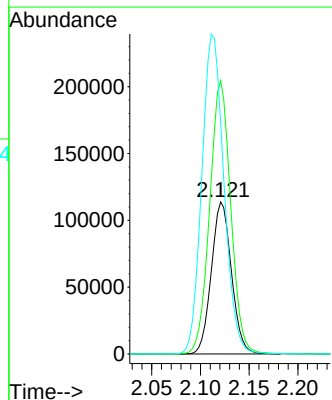
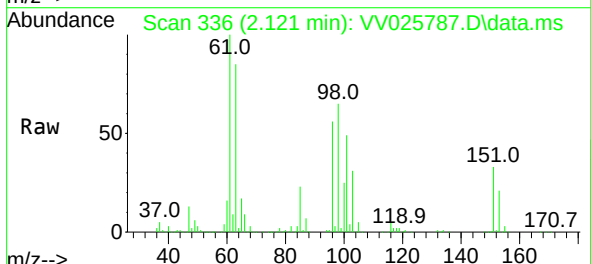
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 VSTD010240

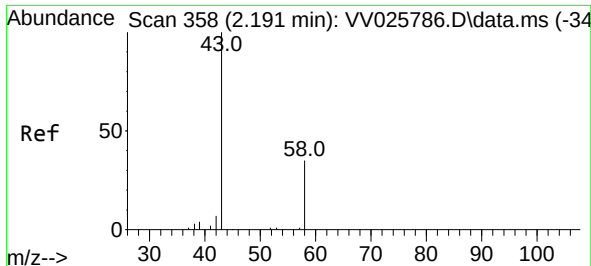
Tgt Ion:101 Resp: 166586
 Ion Ratio Lower Upper
 101 100
 85 45.5 35.9 53.9
 151 67.9 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 10.306 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025787.D
 Acq: 03 May 2022 12:09

Tgt Ion: 96 Resp: 163315
 Ion Ratio Lower Upper
 96 100
 61 179.8 125.2 232.4
 63 152.2 114.4 212.4





#13

Acetone

Concen: 111.211 ug/L

RT: 2.191 min Scan# 358

Delta R.T. 0.000 min

Lab File: VV025787.D

Acq: 03 May 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

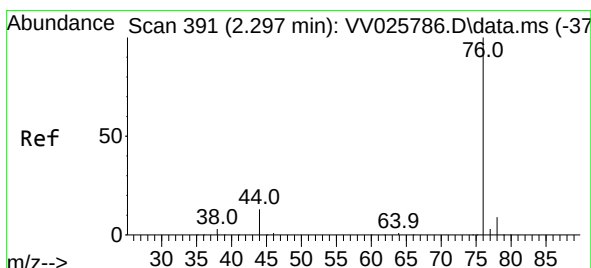
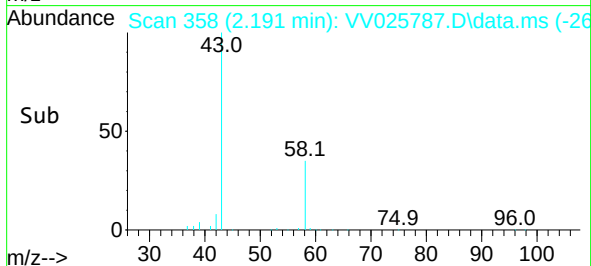
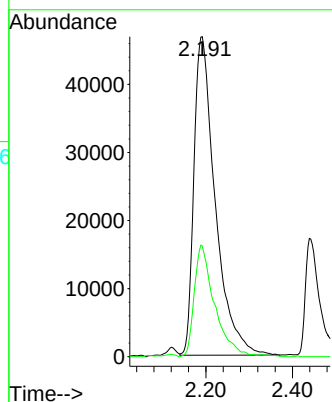
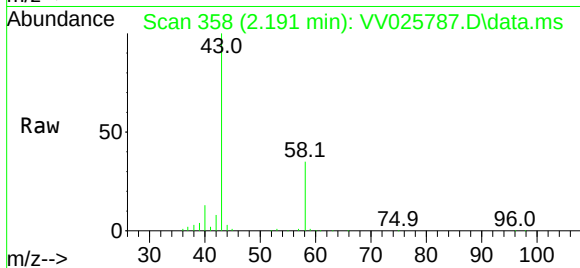
VSTD010240

Tgt Ion: 43 Resp: 159911

Ion Ratio Lower Upper

43 100

58 33.0 0.0 72.2



#14

Carbon disulfide

Concen: 11.328 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV025787.D

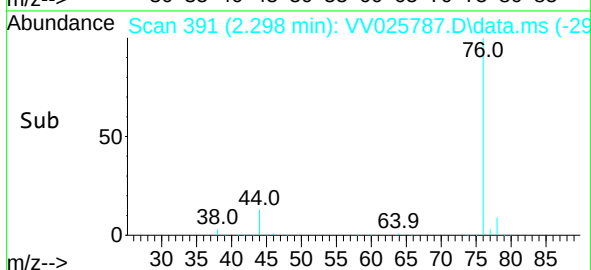
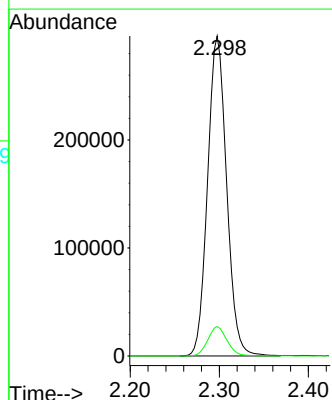
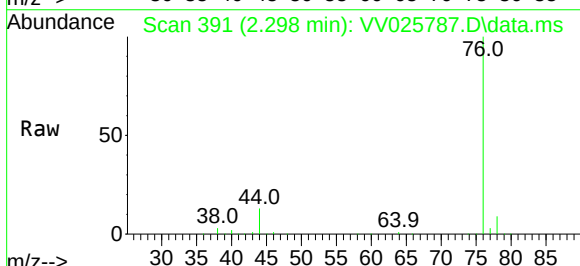
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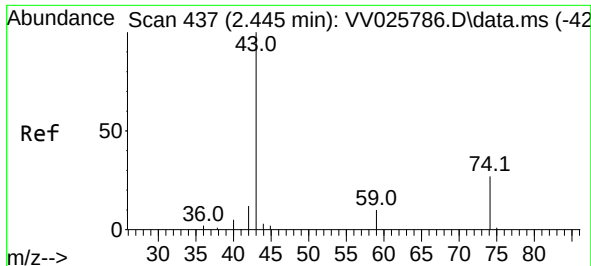
Tgt Ion: 76 Resp: 438641

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

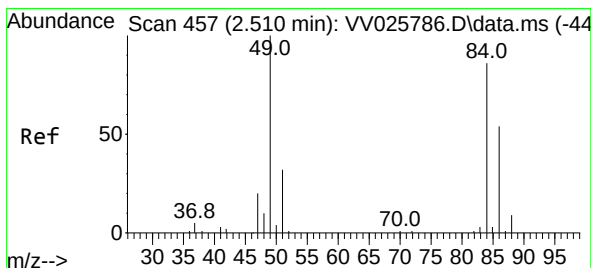
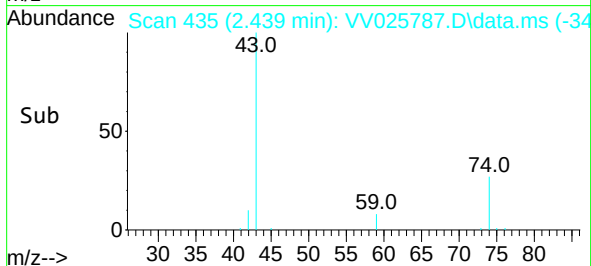
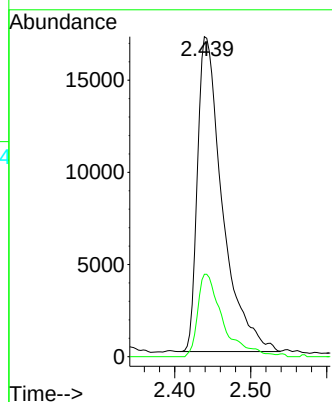
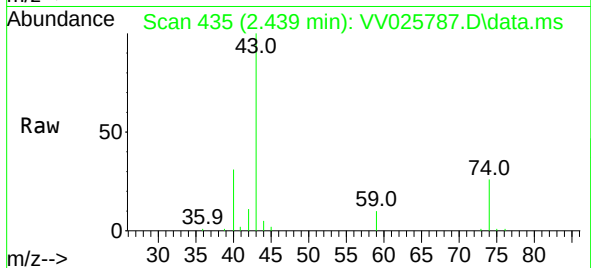




#15
Methyl Acetate
Concen: 12.098 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

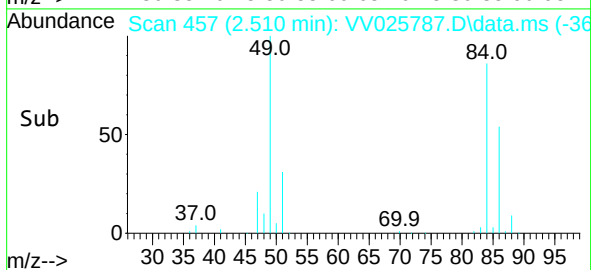
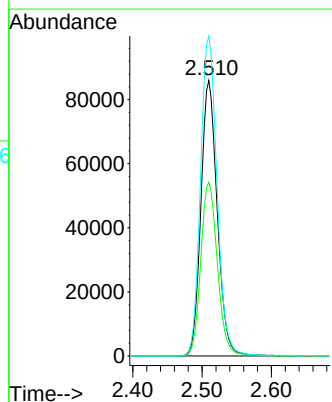
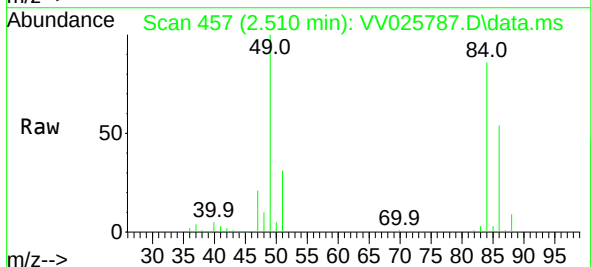
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ClientSampleId :
VSTD010240

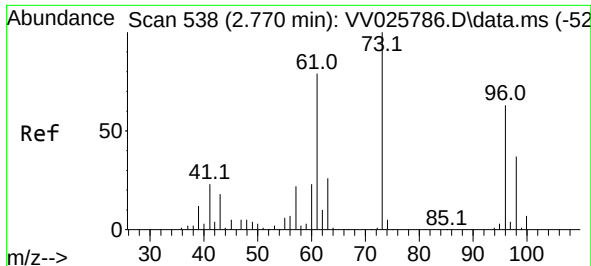
Tgt Ion: 43 Resp: 39013
Ion Ratio Lower Upper
43 100
74 26.3 25.2 37.8



#16
Methylene chloride
Concen: 9.122 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

Tgt Ion: 84 Resp: 140608
Ion Ratio Lower Upper
84 100
86 63.1 45.9 85.3
49 116.1 76.6 142.3

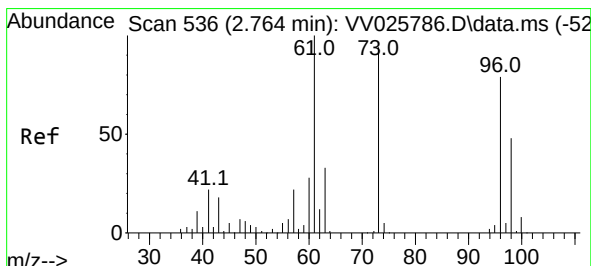
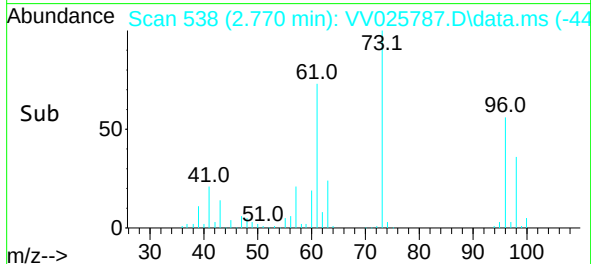
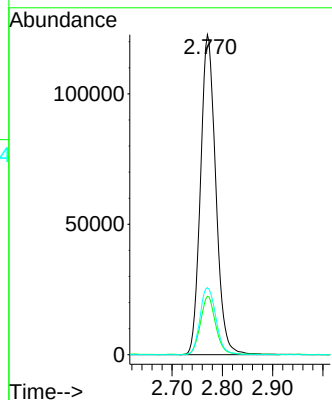
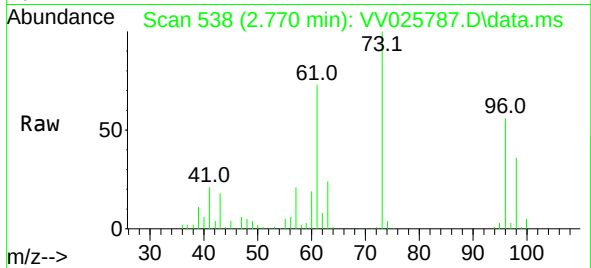




#17
Methyl tert-butyl Ether
Concen: 10.544 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

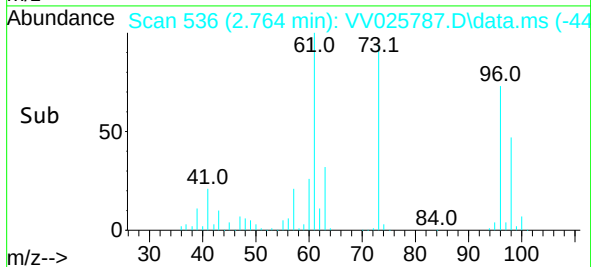
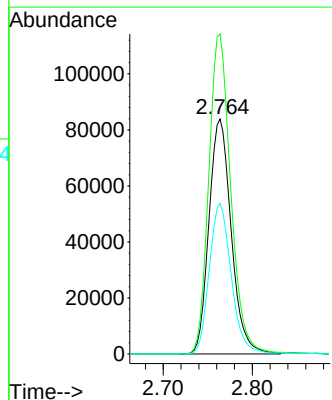
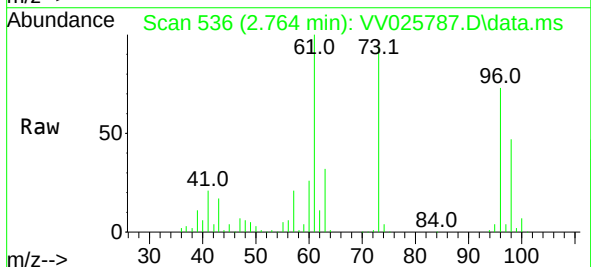
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

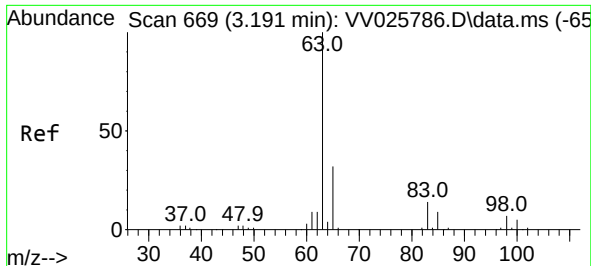
Tgt Ion: 73 Resp: 258906
Ion Ratio Lower Upper
73 100
43 18.3 14.2 21.4
57 21.9 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 10.840 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

Tgt Ion: 96 Resp: 145629
Ion Ratio Lower Upper
96 100
61 136.2 92.1 171.1
98 64.1 47.5 88.1





#19

1,1-Dichloroethane

Concen: 11.358 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV025787.D

Acq: 03 May 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD010240

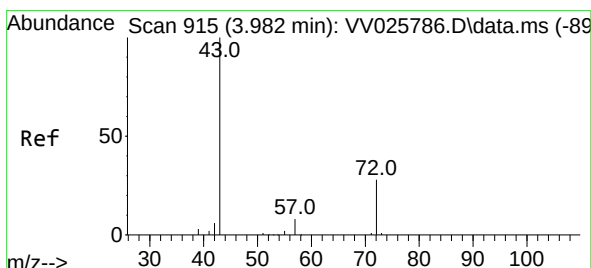
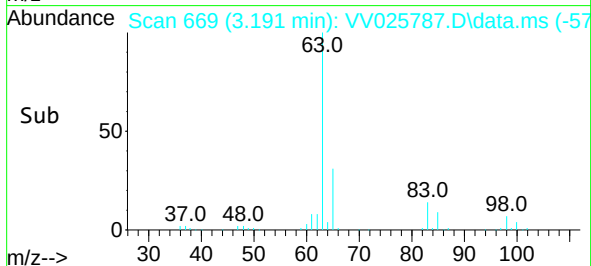
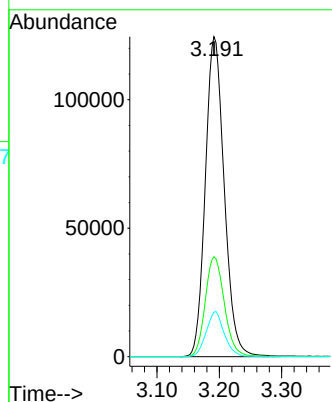
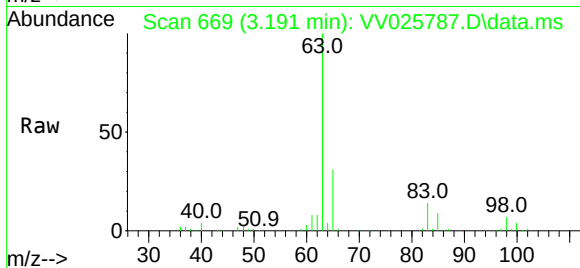
Tgt Ion: 63 Resp: 262501

Ion Ratio Lower Upper

63 100

65 31.3 23.2 43.0

83 13.9 9.0 16.8



#21

2-Butanone

Concen: 121.945 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.006 min

Lab File: VV025787.D

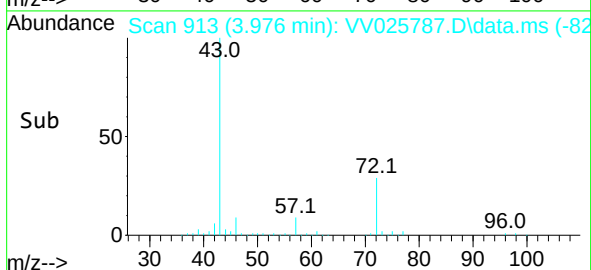
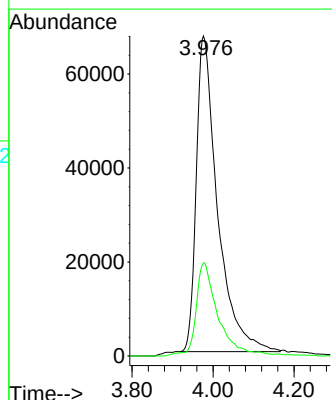
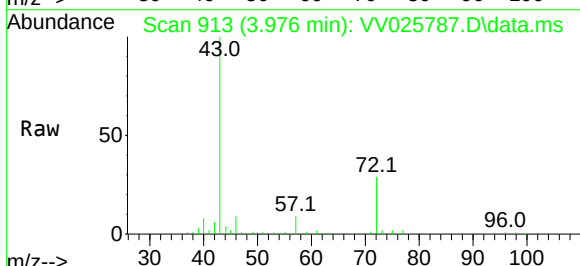
Acq: 03 May 2022 12:09

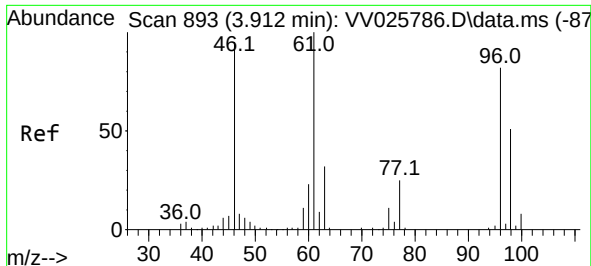
Tgt Ion: 43 Resp: 244448

Ion Ratio Lower Upper

43 100

72 29.8 15.2 45.6





#22

cis-1,2-Dichloroethene

Concen: 10.827 ug/L

RT: 3.915 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV025787.D

Acq: 03 May 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD010240

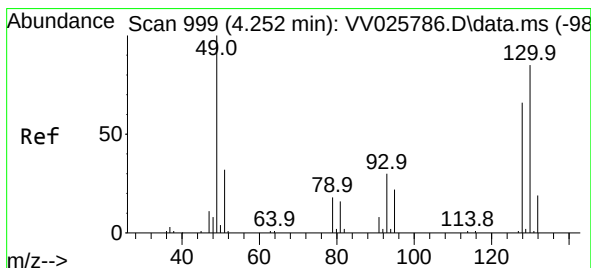
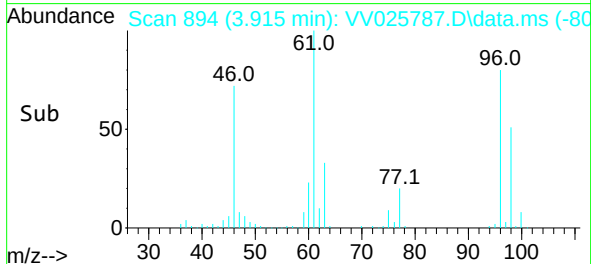
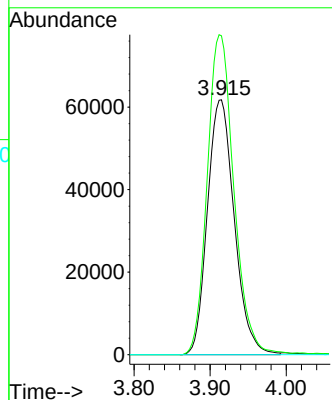
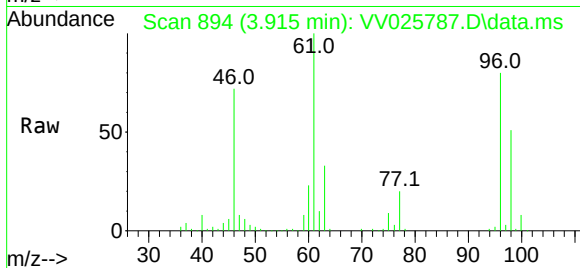
Tgt Ion: 96 Resp: 151704

Ion Ratio Lower Upper

96 100

61 125.1 80.0 148.6

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 10.545 ug/L

RT: 4.252 min Scan# 999

Delta R.T. 0.000 min

Lab File: VV025787.D

Acq: 03 May 2022 12:09

Tgt Ion: 128 Resp: 61664

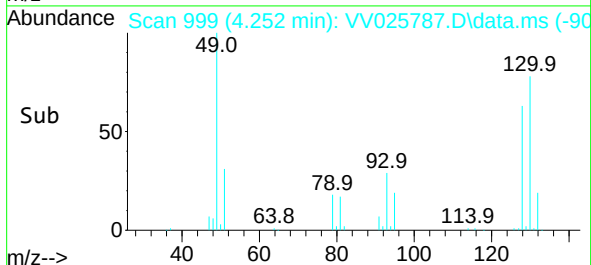
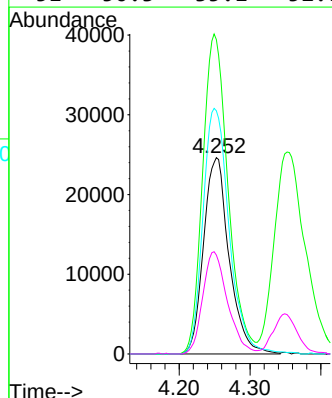
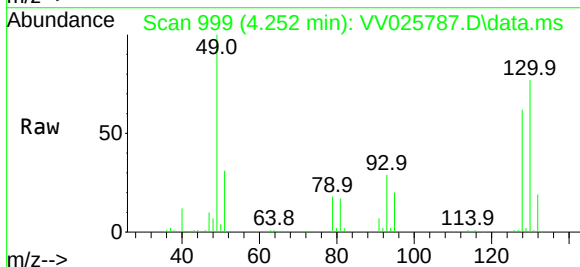
Ion Ratio Lower Upper

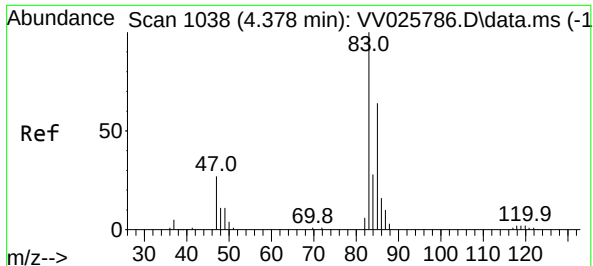
128 100

49 160.2 100.5 186.7

130 123.9 87.8 163.0

51 50.3 35.1 52.7

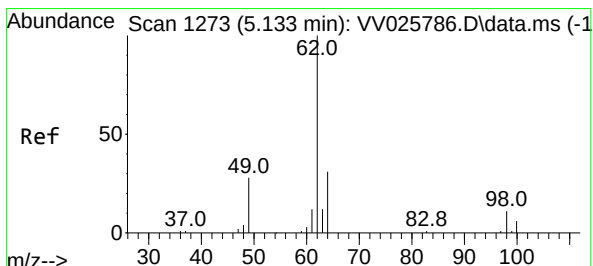
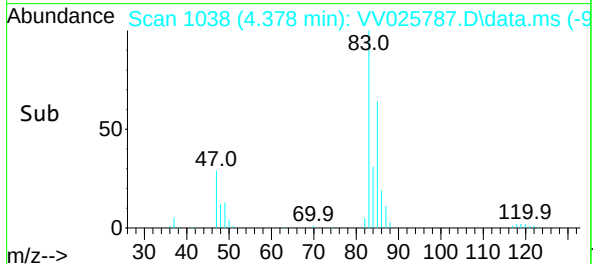
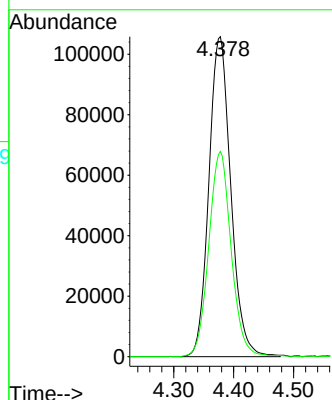
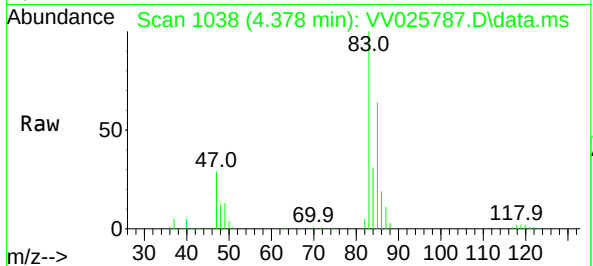




#25
Chloroform
Concen: 11.097 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

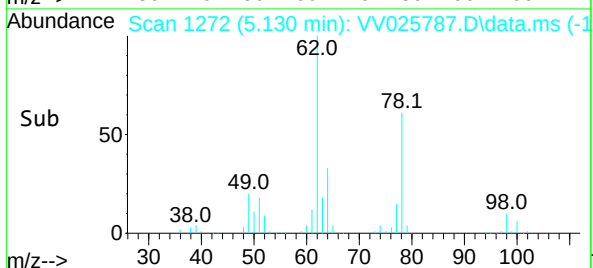
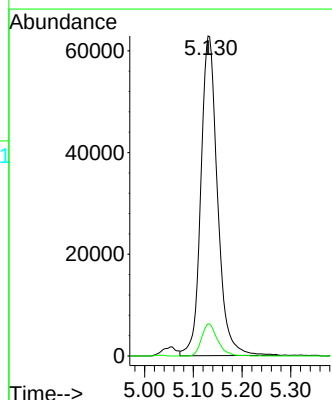
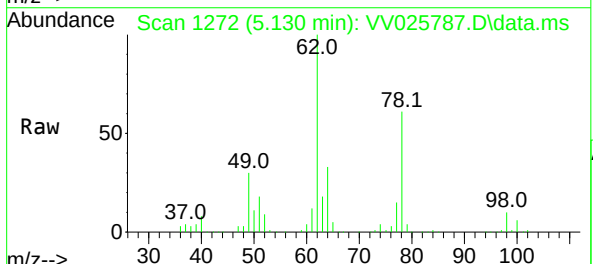
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

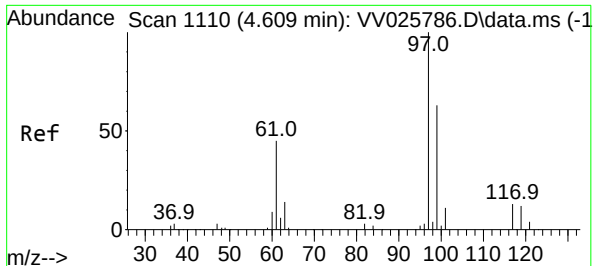
Tgt Ion: 83 Resp: 268785
Ion Ratio Lower Upper
83 100
85 64.1 43.5 80.7



#27
1,2-Dichloroethane
Concen: 11.588 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

Tgt Ion: 62 Resp: 149345
Ion Ratio Lower Upper
62 100
98 10.0 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 10.630 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV025787.D

Acq: 03 May 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD010240

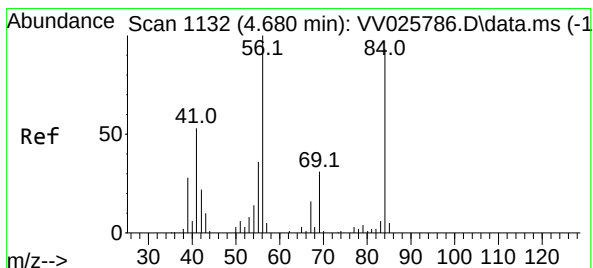
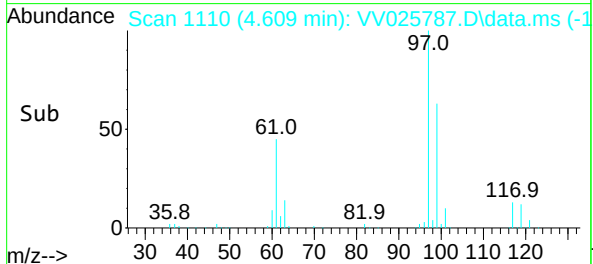
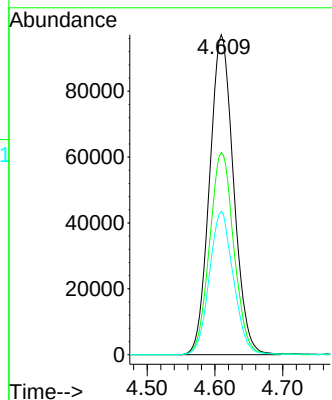
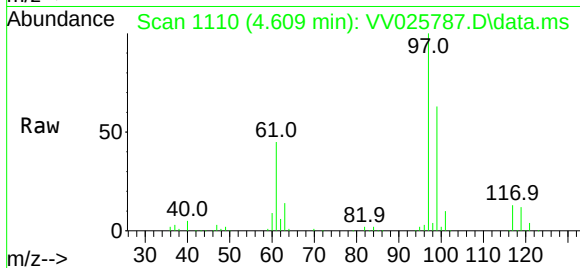
Tgt Ion: 97 Resp: 238893

Ion Ratio Lower Upper

97 100

99 63.9 51.5 77.3

61 44.9 34.3 51.5



#30

Cyclohexane

Concen: 11.410 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VV025787.D

Acq: 03 May 2022 12:09

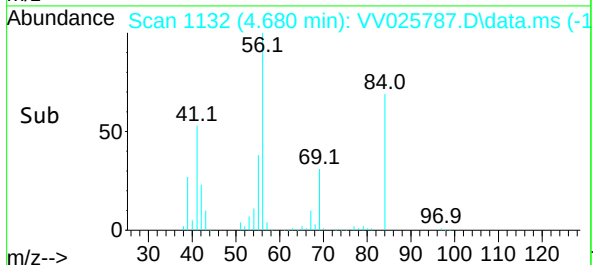
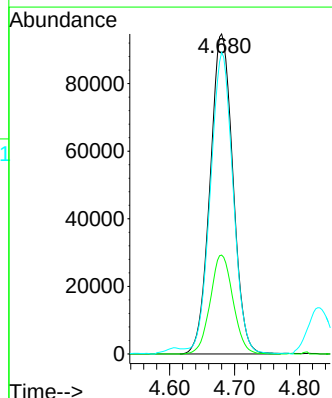
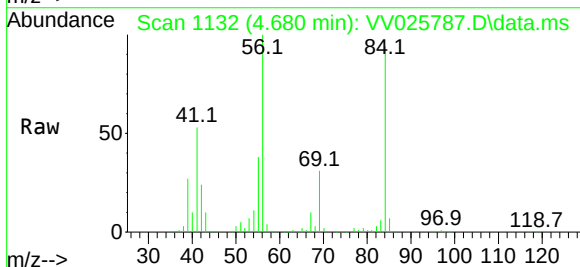
Tgt Ion: 56 Resp: 231062

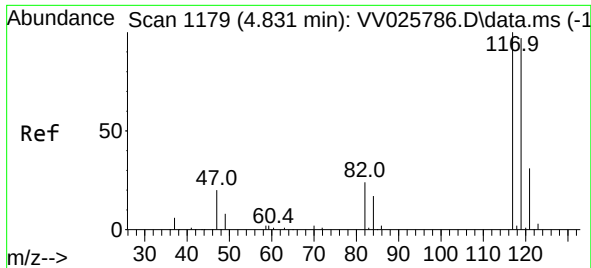
Ion Ratio Lower Upper

56 100

69 30.8 26.1 39.1

84 93.3 78.6 118.0

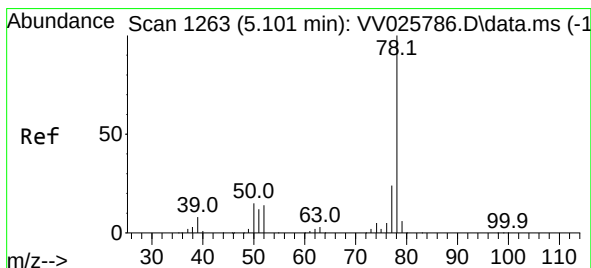
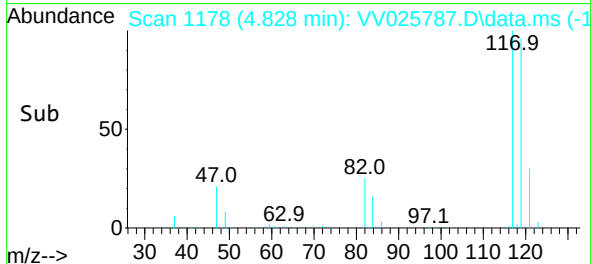
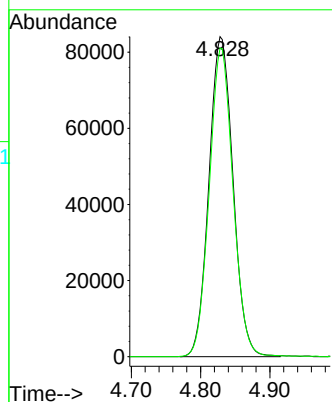
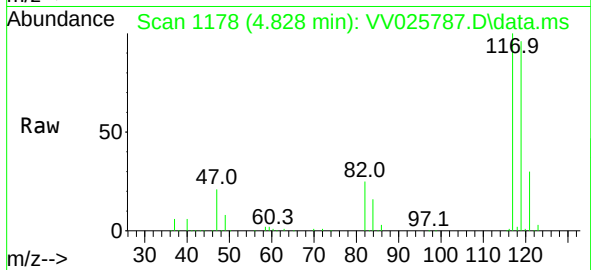




#31
Carbon tetrachloride
Concen: 10.700 ug/L
RT: 4.828 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

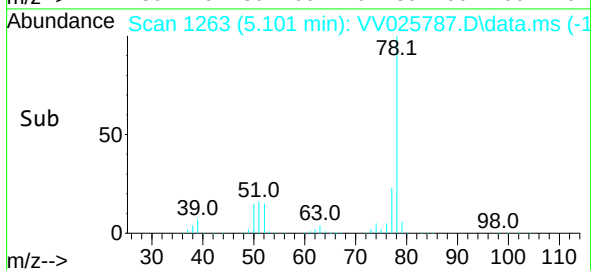
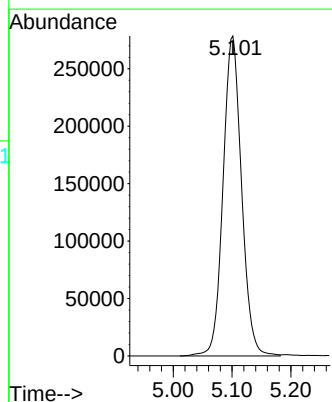
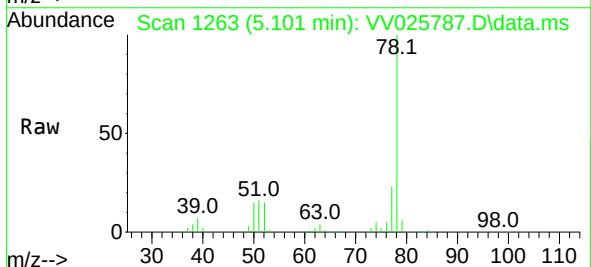
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

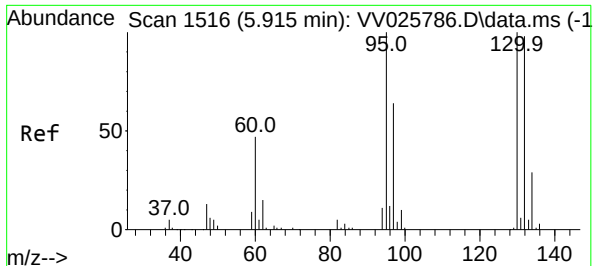
Tgt Ion:117 Resp: 202656
Ion Ratio Lower Upper
117 100
119 95.5 76.6 114.8



#33
Benzene
Concen: 10.824 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

Tgt Ion: 78 Resp: 608034

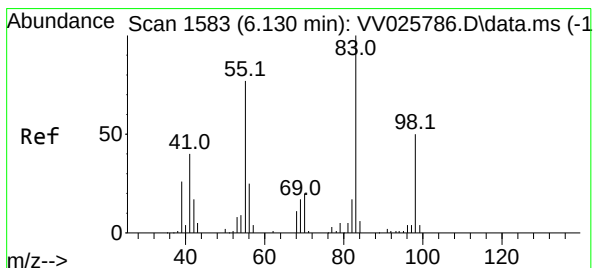
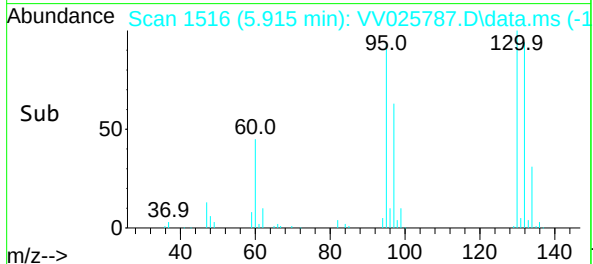
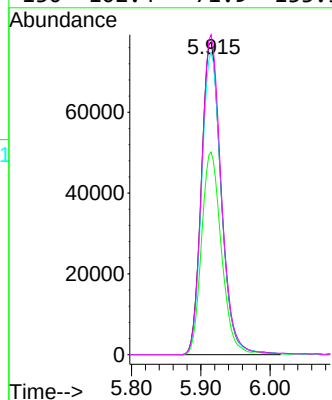
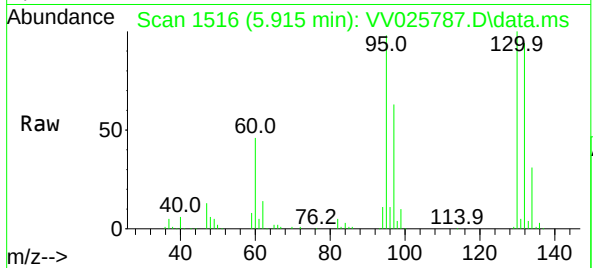




#34
Trichloroethene
Concen: 10.408 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

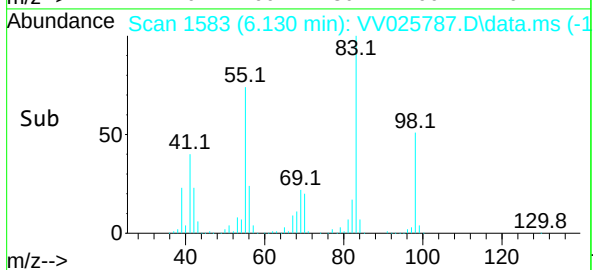
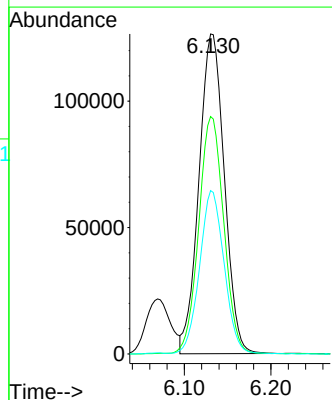
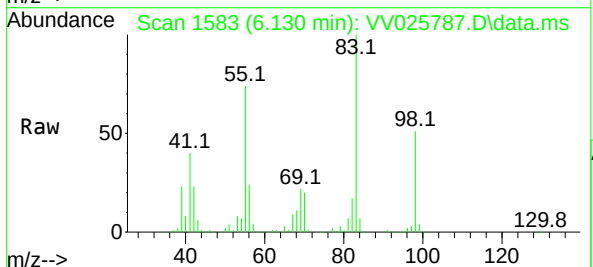
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

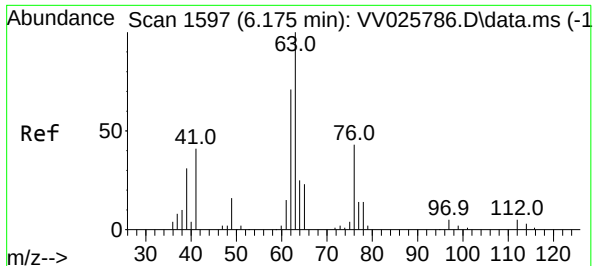
Tgt Ion: 95 Resp: 153207
Ion Ratio Lower Upper
95 100
97 64.8 45.8 85.2
132 96.6 68.0 126.4
130 102.4 71.9 133.5



#35
Methylcyclohexane
Concen: 10.913 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

Tgt Ion: 83 Resp: 257359
Ion Ratio Lower Upper
83 100
55 73.0 53.7 80.5
98 49.6 39.6 59.4





#37

1,2-Dichloropropane

Concen: 10.764 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025787.D

Acq: 03 May 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

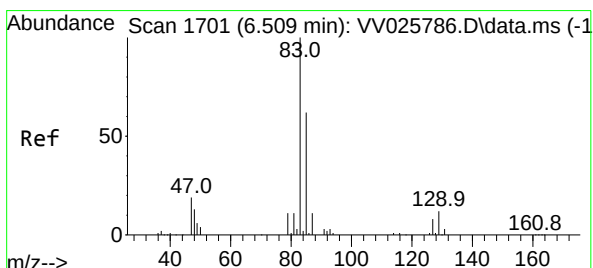
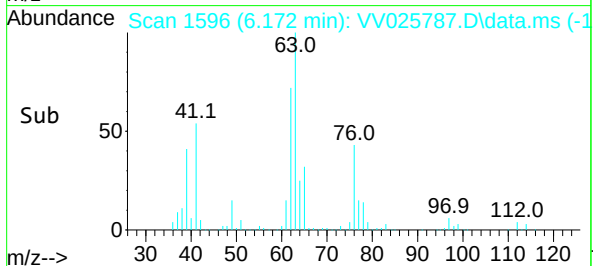
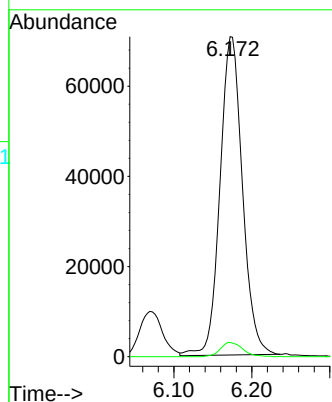
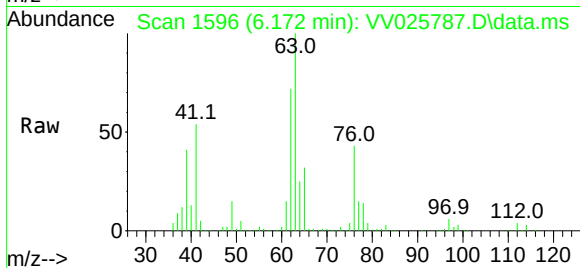
VSTD010240

Tgt Ion: 63 Resp: 141412

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8



#38

Bromodichloromethane

Concen: 10.970 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV025787.D

Acq: 03 May 2022 12:09

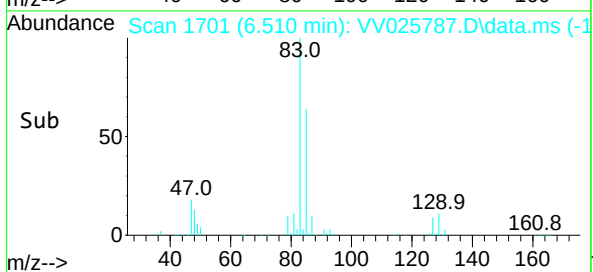
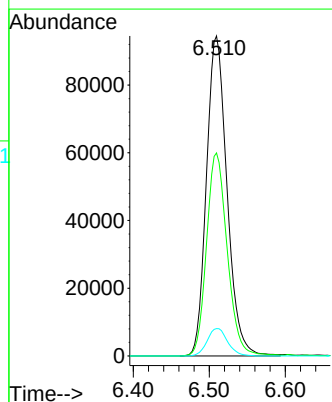
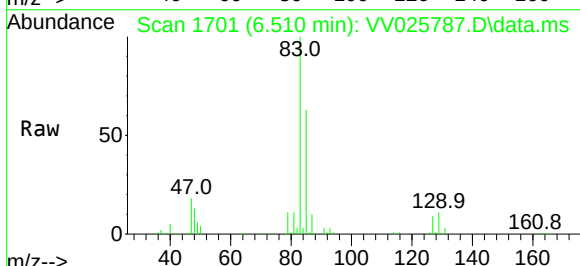
Tgt Ion: 83 Resp: 177656

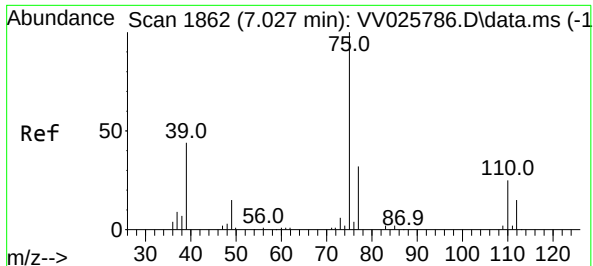
Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.4

127 8.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 11.479 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV025787.D

Acq: 03 May 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

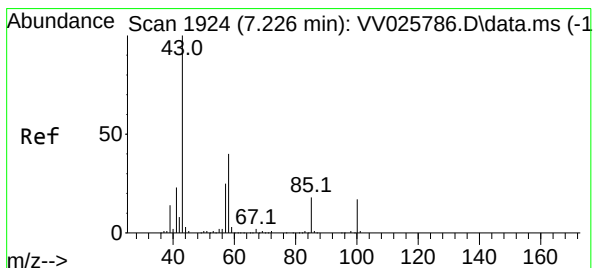
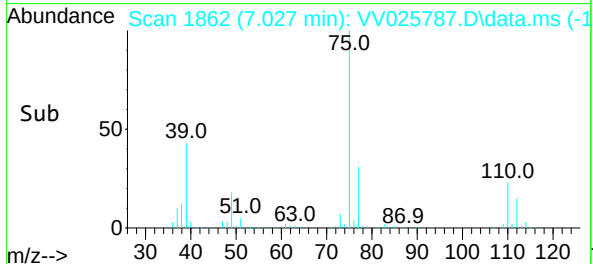
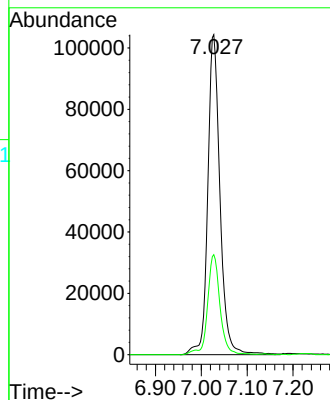
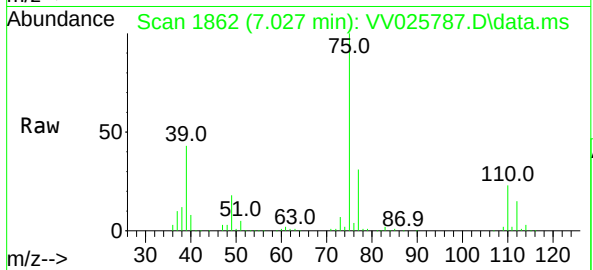
VSTD010240

Tgt Ion: 75 Resp: 193396

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 121.609 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV025787.D

Acq: 03 May 2022 12:09

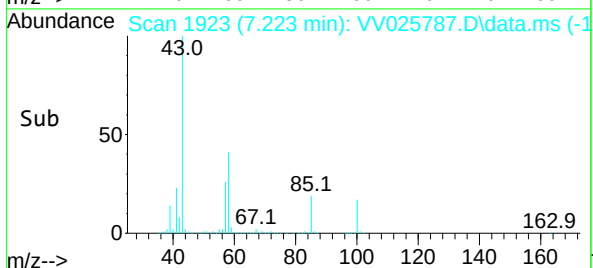
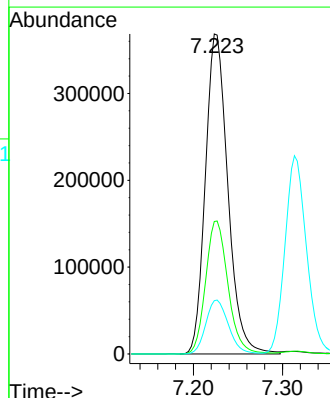
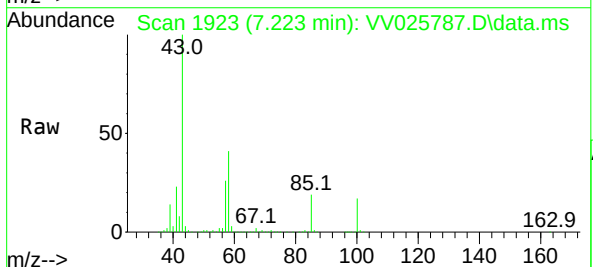
Tgt Ion: 43 Resp: 645761

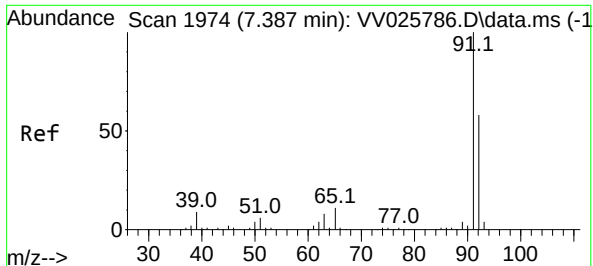
Ion Ratio Lower Upper

43 100

58 41.3 35.1 52.7

100 17.0 15.3 22.9





#42

Toluene

Concen: 10.878 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV025787.D

Acq: 03 May 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

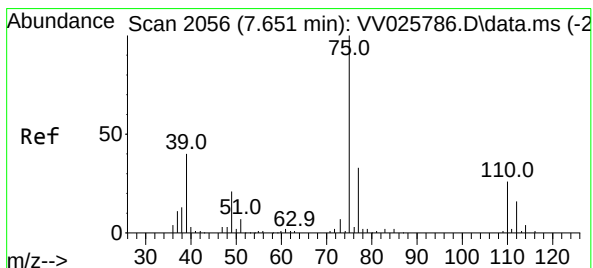
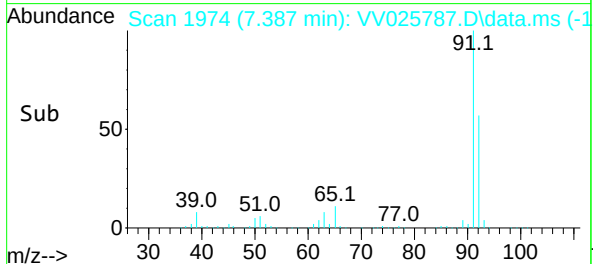
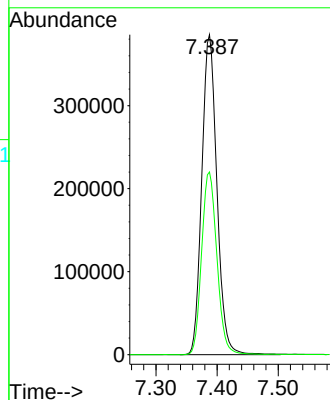
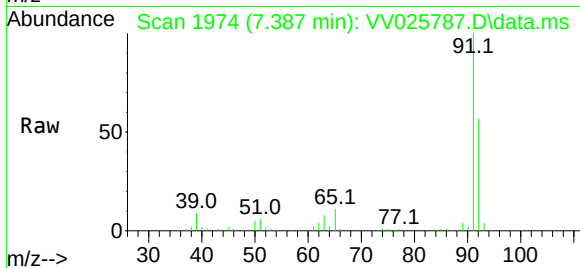
VSTD010240

Tgt Ion: 91 Resp: 660785

Ion Ratio Lower Upper

91 100

92 57.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 11.617 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV025787.D

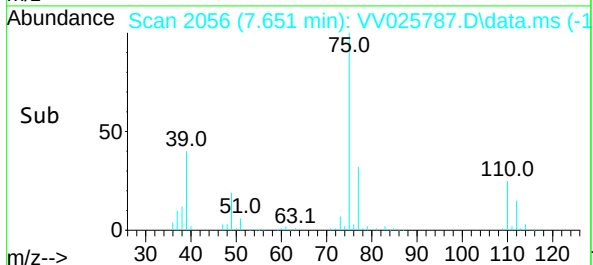
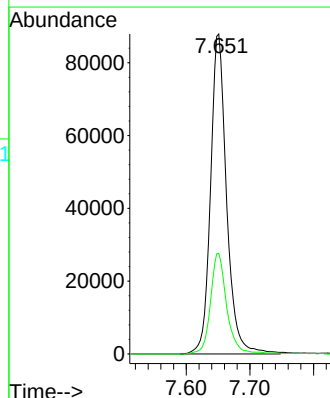
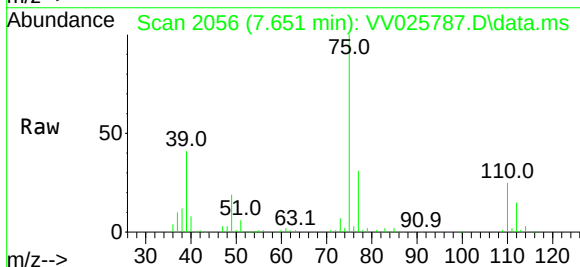
Acq: 03 May 2022 12:09

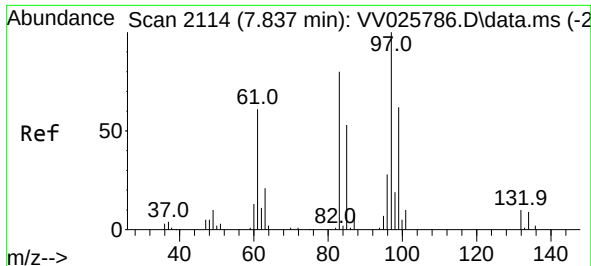
Tgt Ion: 75 Resp: 153939

Ion Ratio Lower Upper

75 100

77 31.5 21.7 40.3

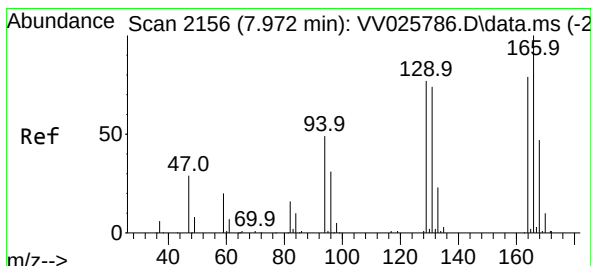
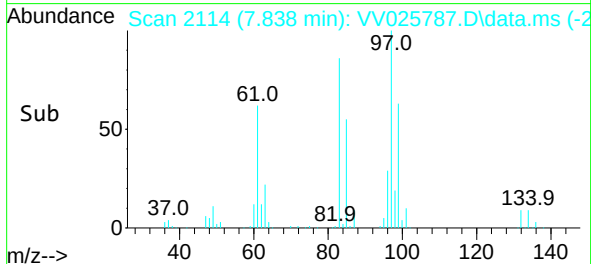
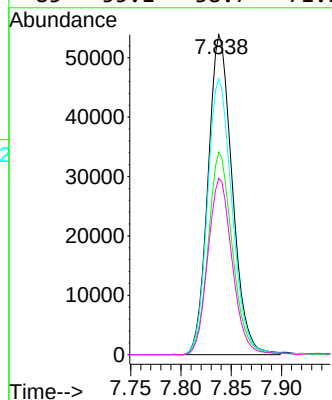
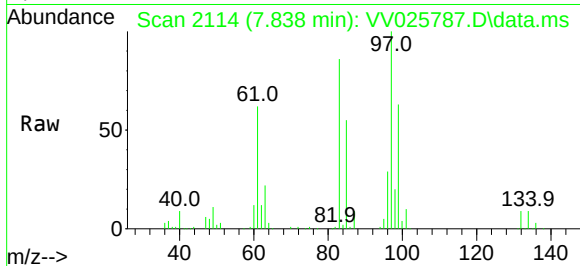




#45
1,1,2-Trichloroethane
Concen: 10.410 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

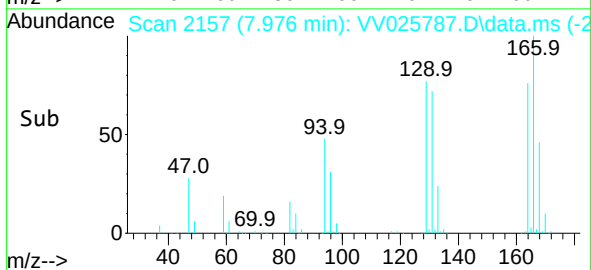
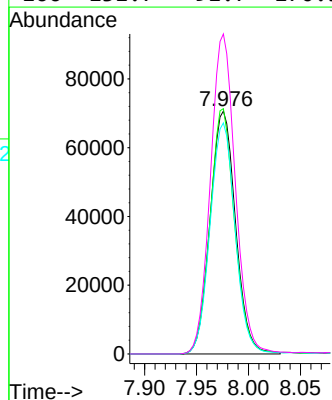
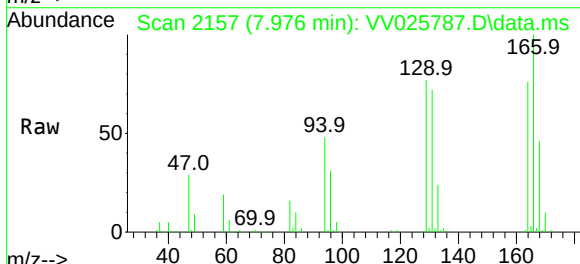
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

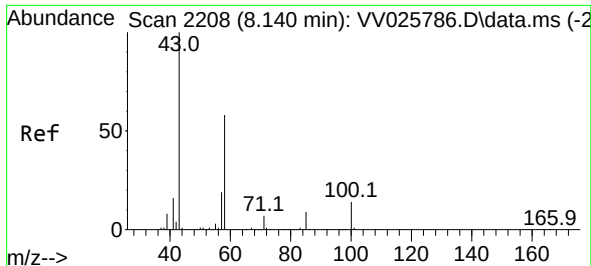
Tgt Ion:	97	Resp:	90383
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.8	81.4
83	86.2	60.3	112.1
85	55.1	38.7	71.9



#47
Tetrachloroethene
Concen: 10.361 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

Tgt Ion:	164	Resp:	119937
Ion	Ratio	Lower	Upper
164	100		
129	101.0	66.8	124.2
131	95.1	66.4	123.4
166	131.7	91.7	170.3

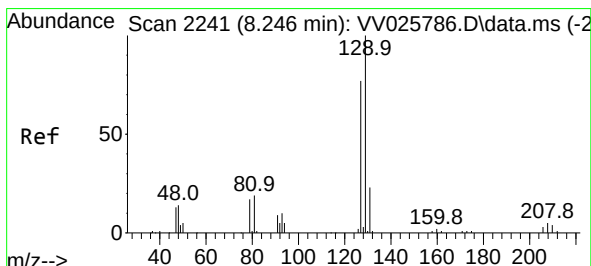
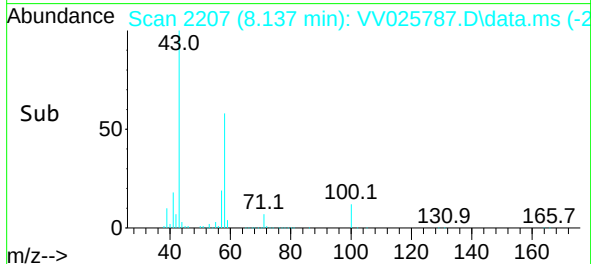
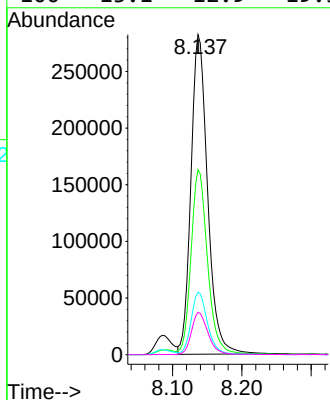
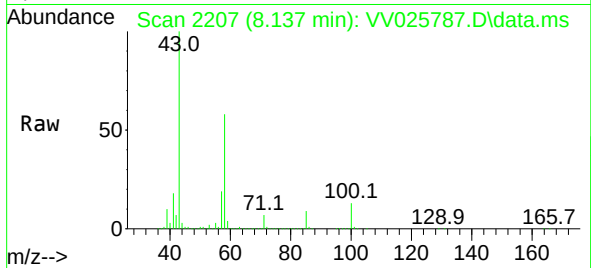




#48
2-Hexanone
Concen: 126.937 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

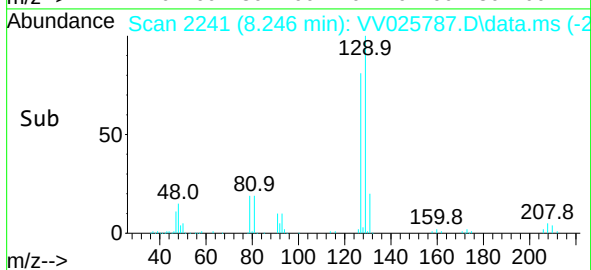
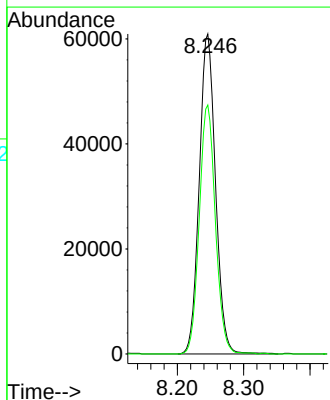
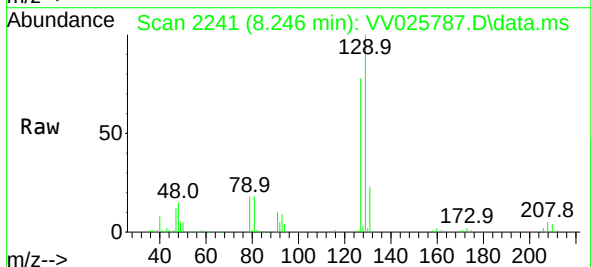
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

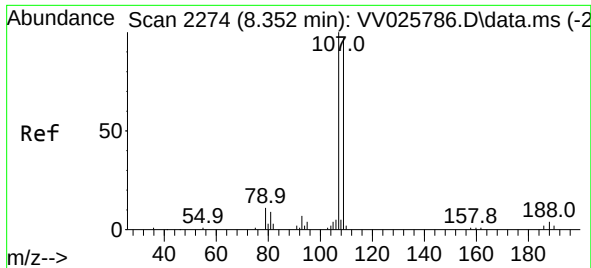
Tgt Ion: 43 Resp: 471975
Ion Ratio Lower Upper
43 100
58 57.0 49.7 74.5
57 19.2 16.4 24.6
100 13.1 12.9 19.3



#49
Dibromochloromethane
Concen: 10.921 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

Tgt Ion: 129 Resp: 103765
Ion Ratio Lower Upper
129 100
127 77.8 53.8 100.0

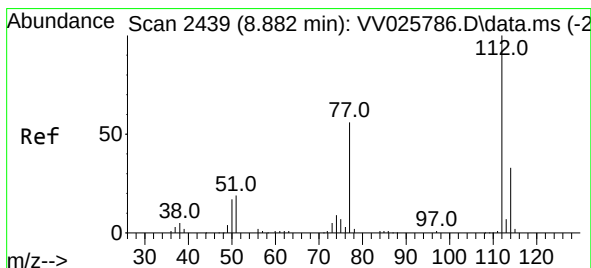
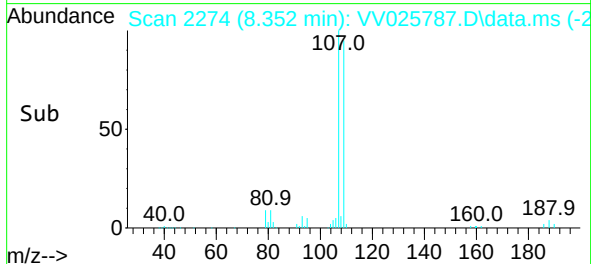
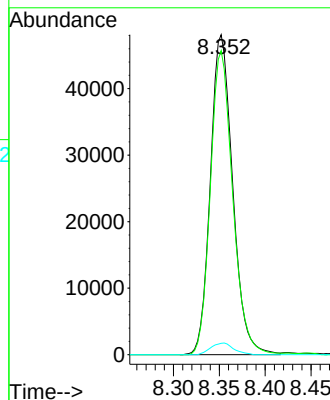
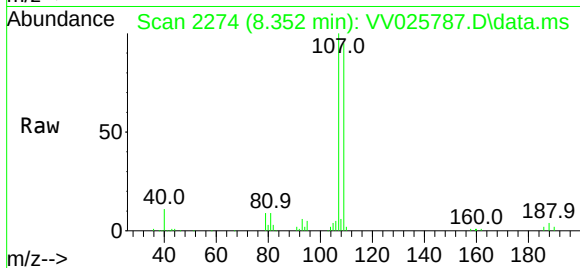




#50
1,2-Dibromoethane
Concen: 10.161 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

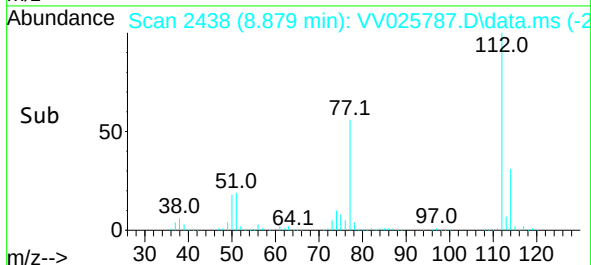
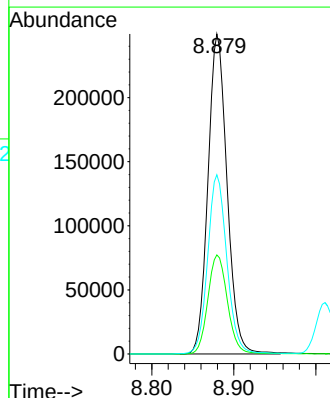
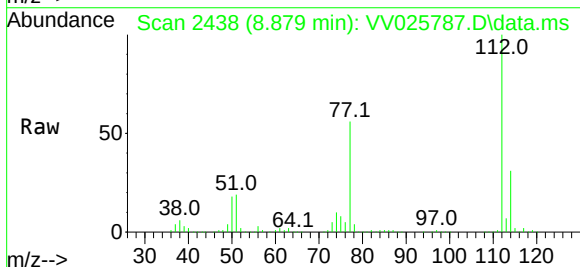
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

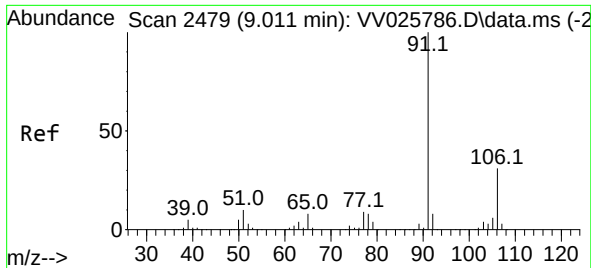
Tgt Ion:	107	Resp:	81424
Ion	Ratio	Lower	Upper
107	100		
109	95.0	65.9	122.3
188	3.5	2.7	4.1



#51
Chlorobenzene
Concen: 10.483 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

Tgt Ion:	112	Resp:	404181
Ion	Ratio	Lower	Upper
112	100		
114	30.9	22.4	41.6
77	56.0	43.7	65.5

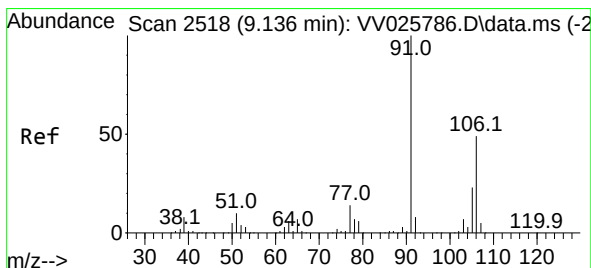
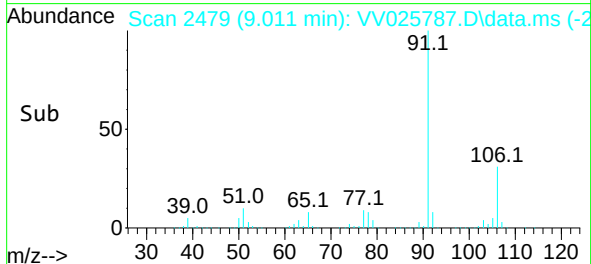
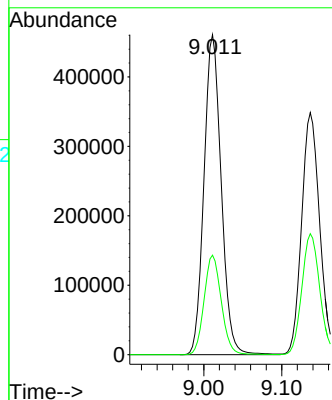
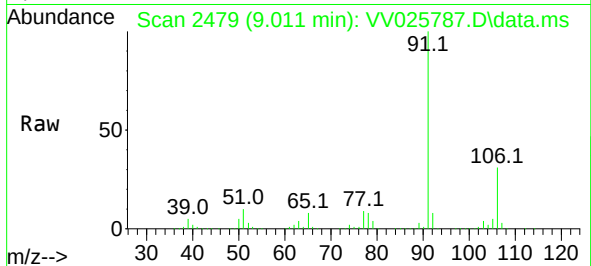




#52
Ethylbenzene
Concen: 11.009 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

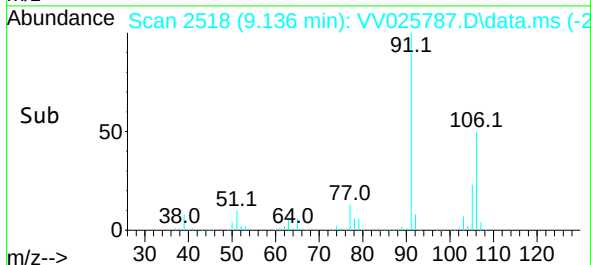
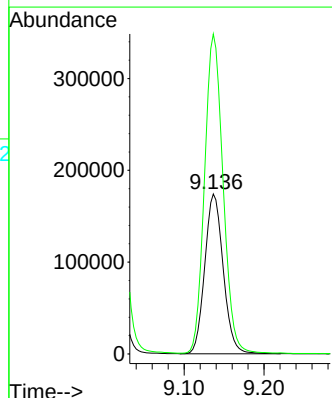
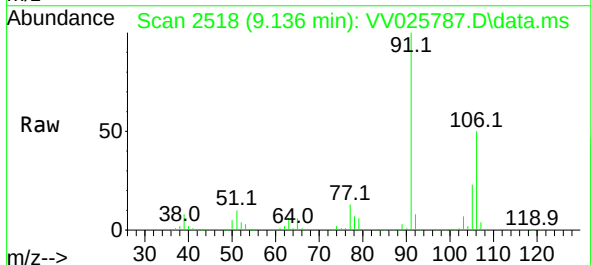
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

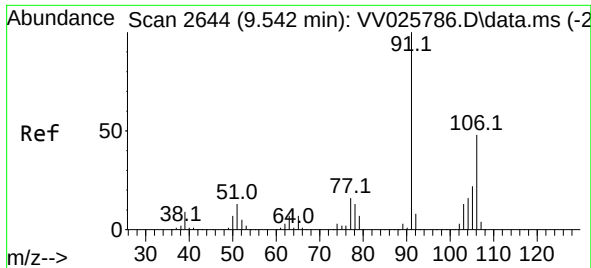
Tgt Ion: 91 Resp: 707024
Ion Ratio Lower Upper
91 100
106 31.1 22.3 41.3



#53
m,p-Xylene
Concen: 11.443 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

Tgt Ion: 106 Resp: 279584
Ion Ratio Lower Upper
106 100
91 200.0 136.4 253.4

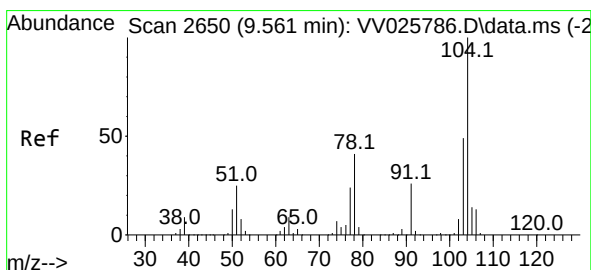
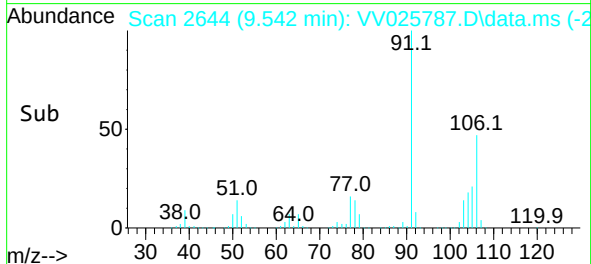
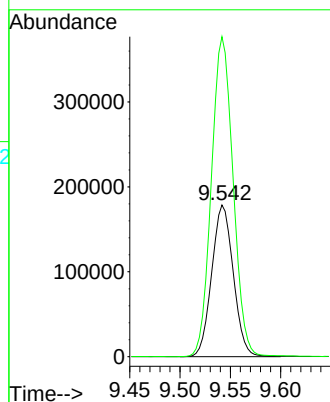
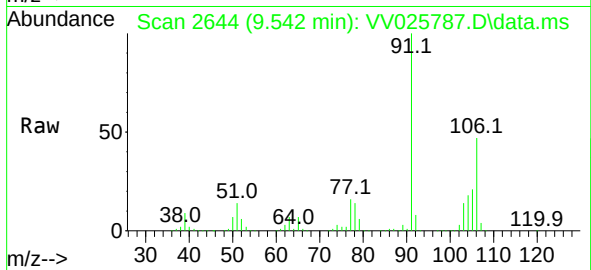




#54
o-Xylene
Concen: 11.225 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

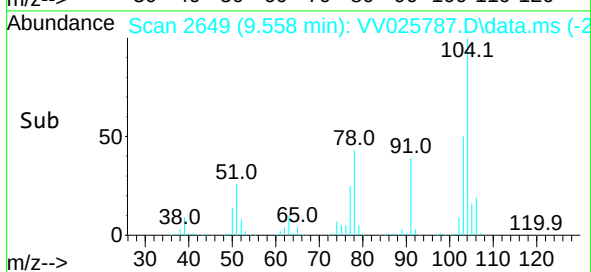
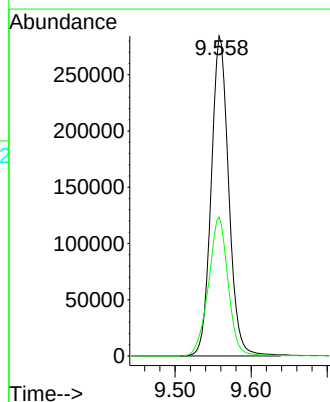
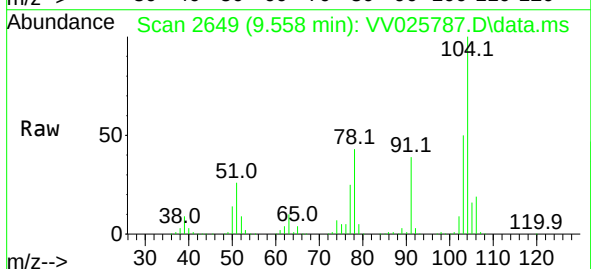
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

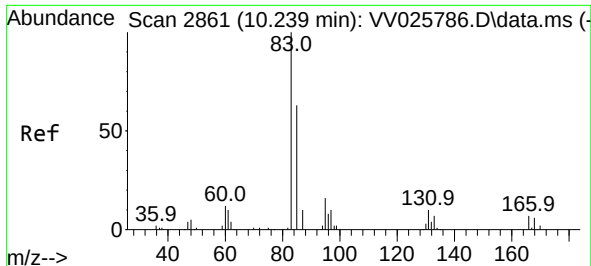
Tgt Ion:106 Resp: 266377
Ion Ratio Lower Upper
106 100
91 210.9 150.4 279.2



#55
Styrene
Concen: 11.699 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

Tgt Ion:104 Resp: 455712
Ion Ratio Lower Upper
104 100
78 43.4 28.3 52.7

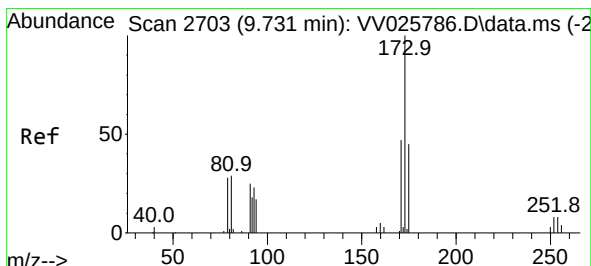
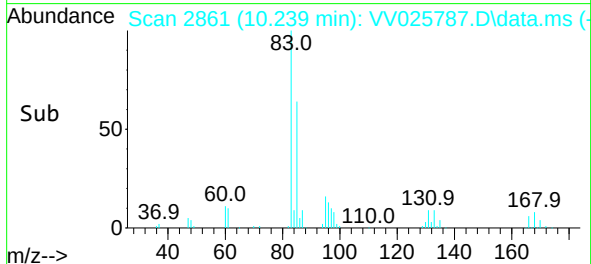
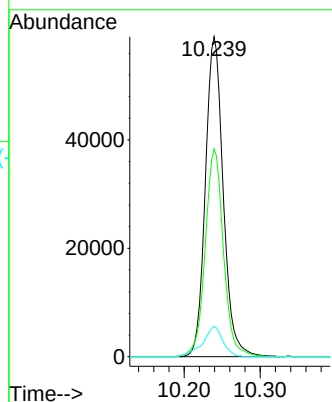
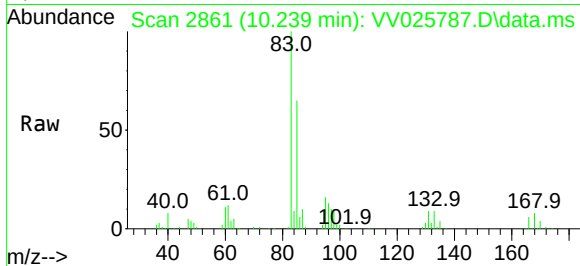




#57
 1,1,2,2-Tetrachloroethane
 Concen: 10.996 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV025787.D
 Acq: 03 May 2022 12:09

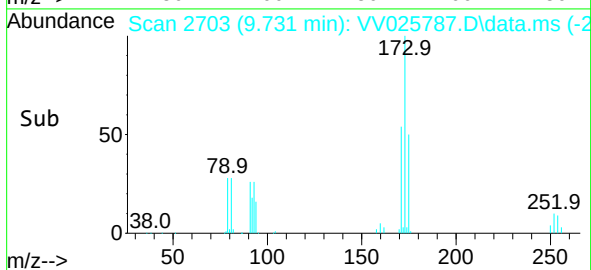
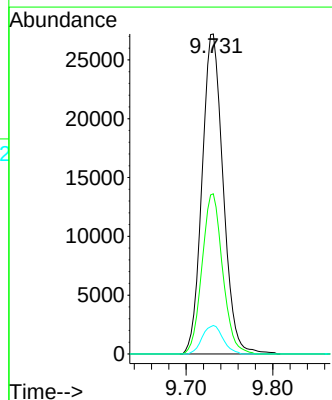
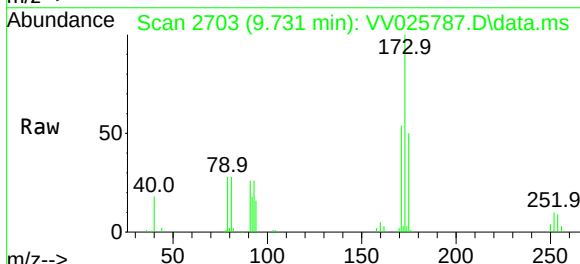
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010240

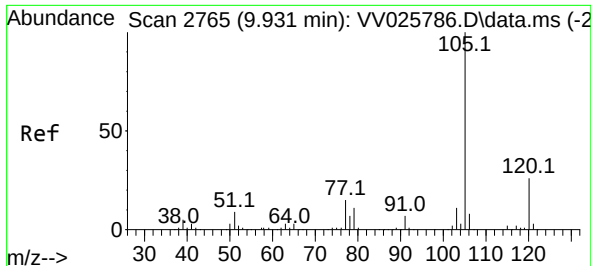
Tgt Ion:	83	Resp:	96221
Ion	Ratio	Lower	Upper
83	100		
85	64.9	45.1	83.9
131	9.4	7.9	11.9



#59
 Bromoform
 Concen: 10.472 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV025787.D
 Acq: 03 May 2022 12:09

Tgt Ion:	173	Resp:	45946
Ion	Ratio	Lower	Upper
173	100		
175	49.0	40.8	61.2
254	8.7	7.0	10.6

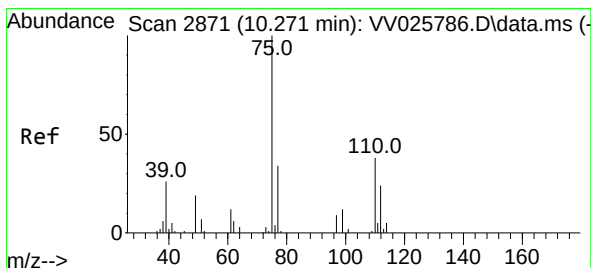
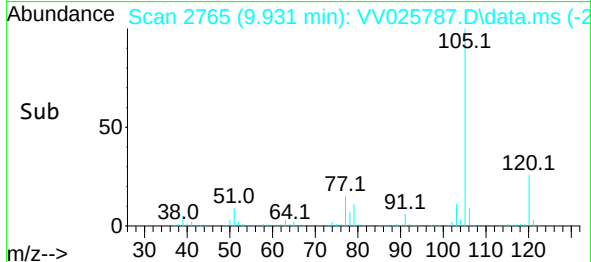
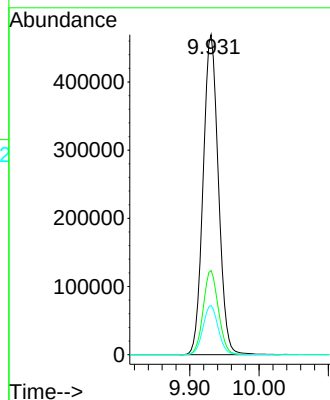
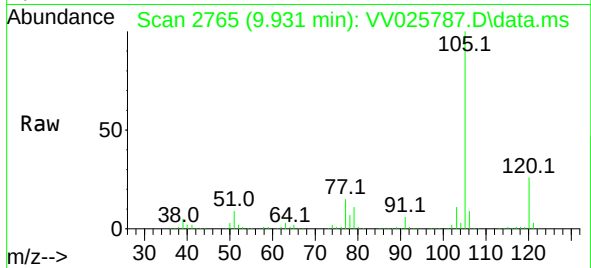




#60
Isopropylbenzene
Concen: 11.065 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

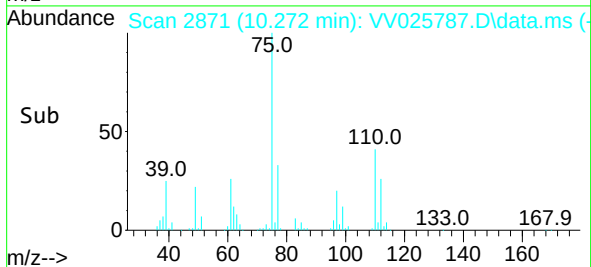
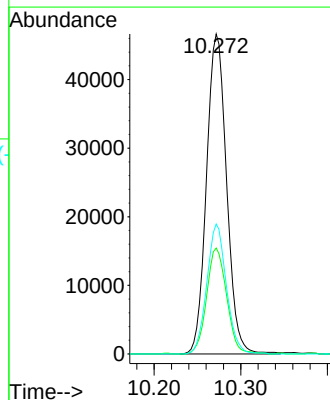
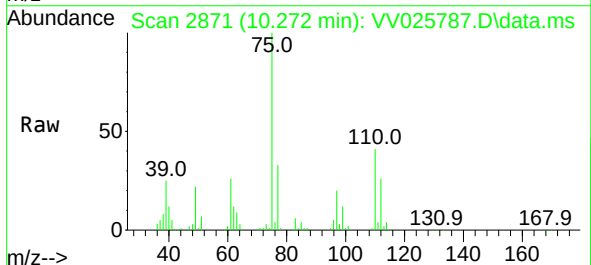
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

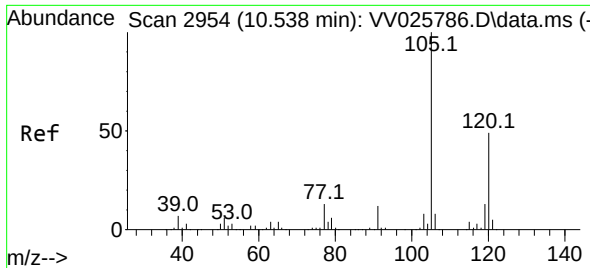
Tgt Ion:105 Resp: 716549
Ion Ratio Lower Upper
105 100
120 26.2 21.2 31.8
77 15.4 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 10.762 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

Tgt Ion: 75 Resp: 75210
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4
110 39.6 34.7 52.1

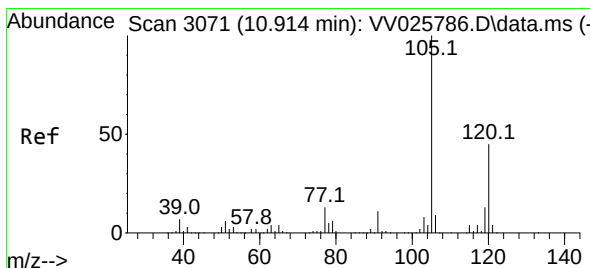
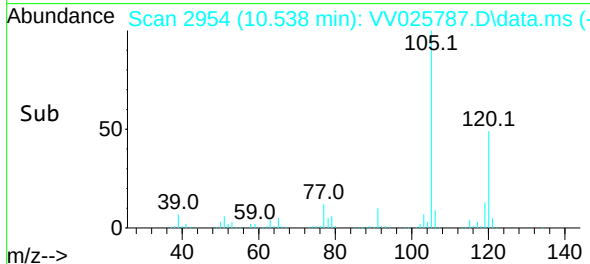
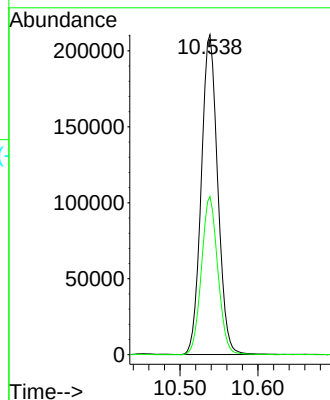
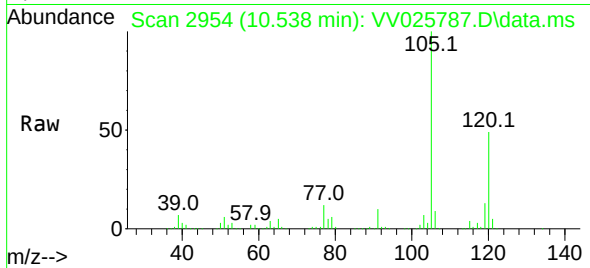




#62
 1,3,5-Trimethylbenzene
 Concen: 10.820 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV025787.D
 Acq: 03 May 2022 12:09

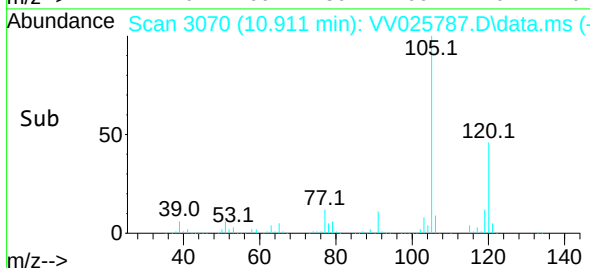
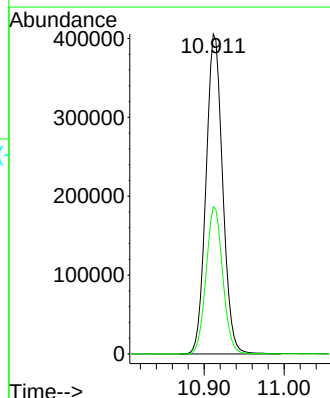
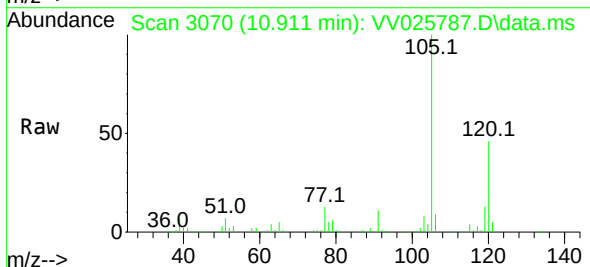
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010240

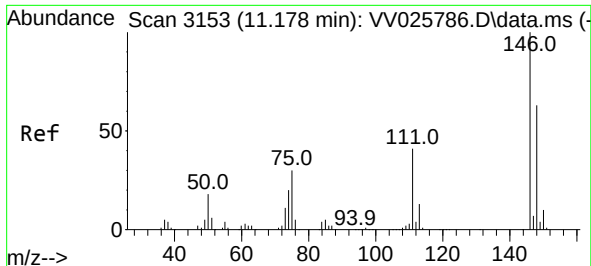
Tgt Ion:105 Resp: 308540
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 11.353 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.003 min
 Lab File: VV025787.D
 Acq: 03 May 2022 12:09

Tgt Ion:105 Resp: 587412
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.6 55.0

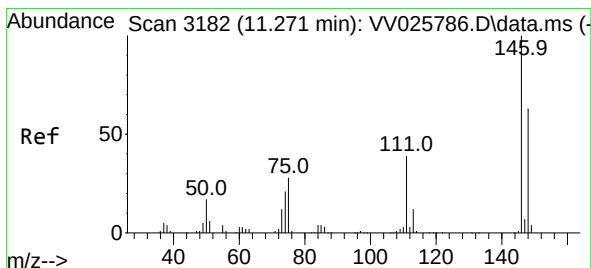
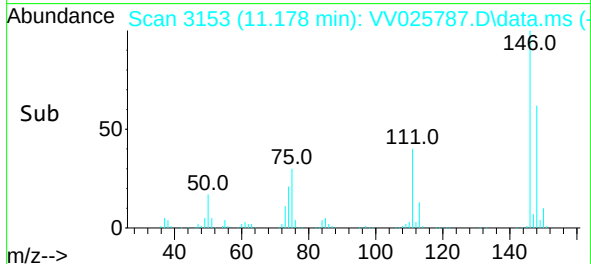
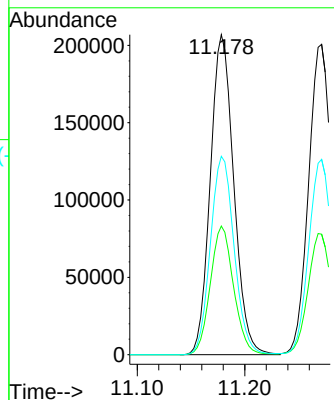
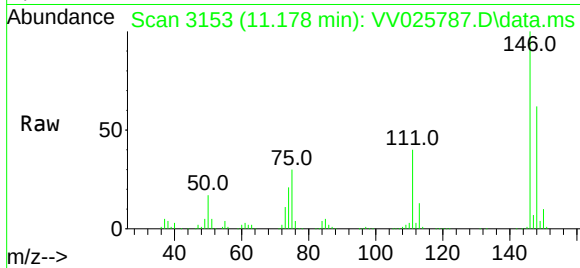




#64
1,3-Dichlorobenzene
Concen: 10.399 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

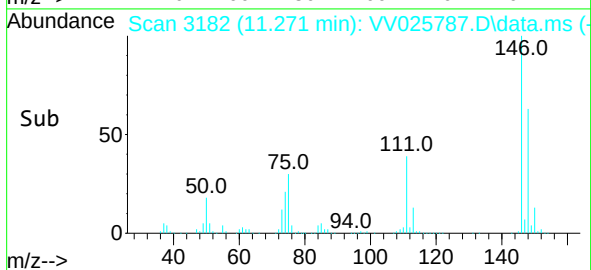
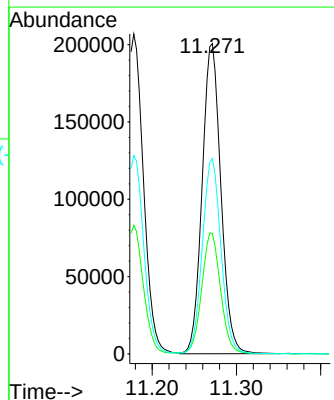
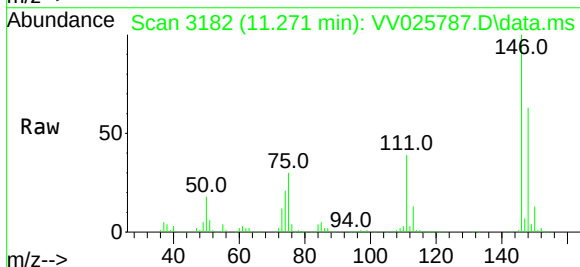
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

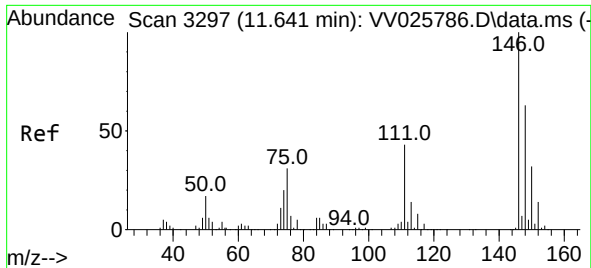
Tgt Ion:146 Resp: 313781
Ion Ratio Lower Upper
146 100
111 40.2 27.4 50.8
148 62.0 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 10.165 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

Tgt Ion:146 Resp: 310593
Ion Ratio Lower Upper
146 100
111 38.8 26.7 49.7
148 62.9 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 10.225 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV025787.D

Acq: 03 May 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD010240

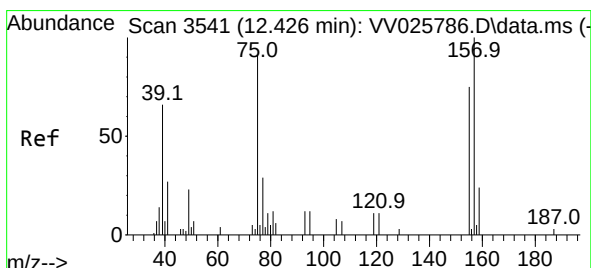
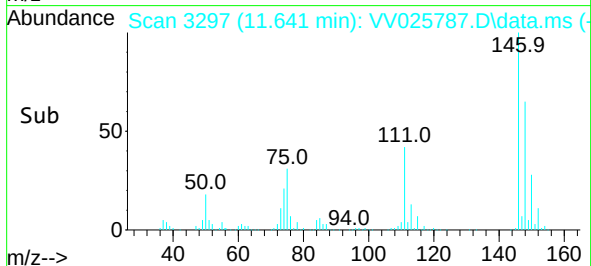
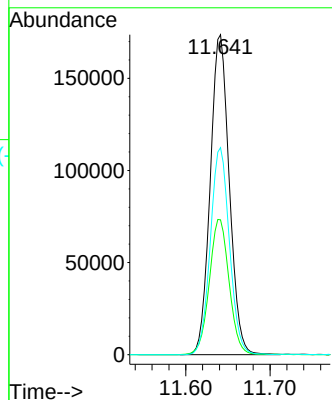
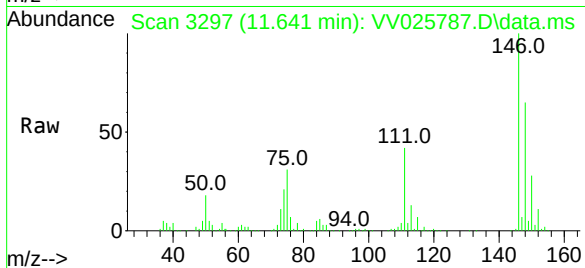
Tgt Ion:146 Resp: 273164

Ion Ratio Lower Upper

146 100

111 42.2 33.6 50.4

148 64.7 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 11.209 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV025787.D

Acq: 03 May 2022 12:09

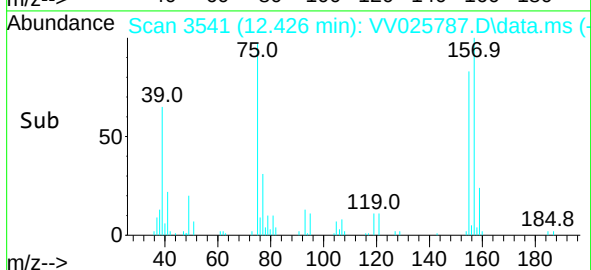
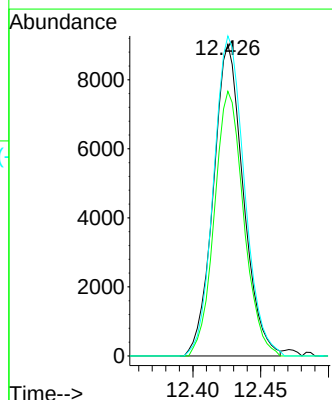
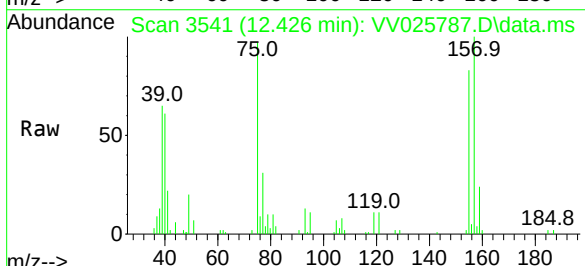
Tgt Ion: 75 Resp: 13908

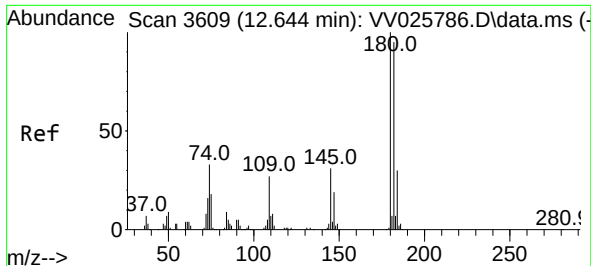
Ion Ratio Lower Upper

75 100

155 84.9 65.8 98.8

157 102.7 86.6 130.0

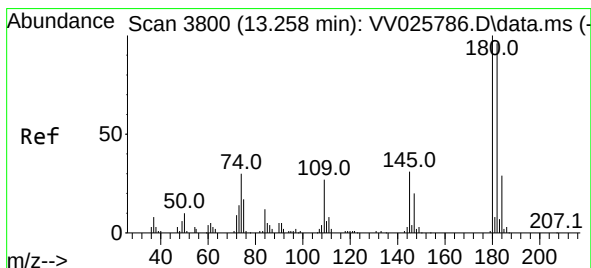
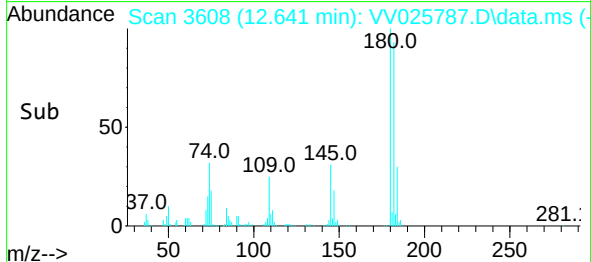
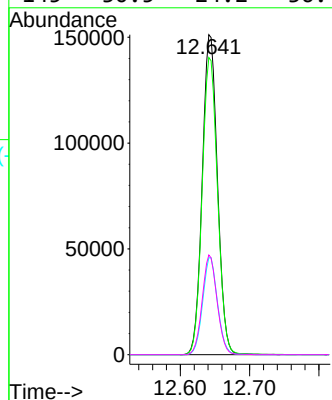
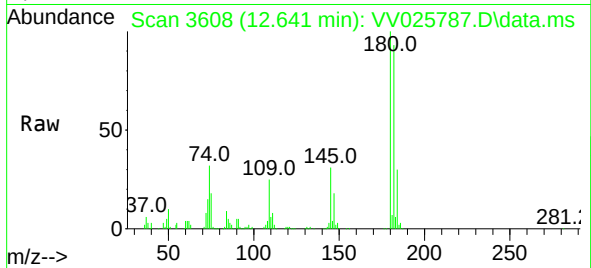




#69
1,3,5-Trichlorobenzene
Concen: 10.094 ug/L
RT: 12.641 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

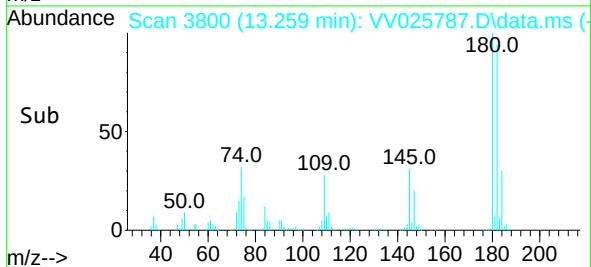
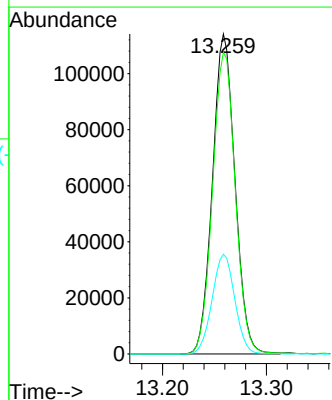
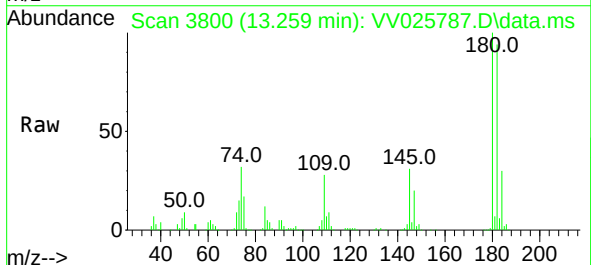
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

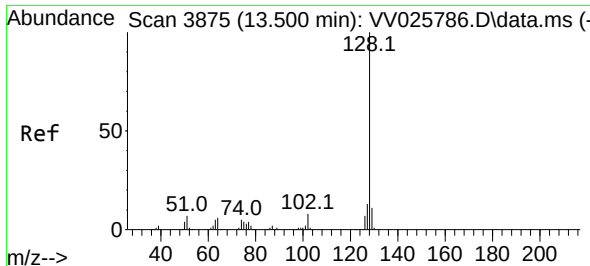
Tgt Ion:180	Resp:	229908
Ion Ratio	Lower	Upper
180	100	
182	93.9	75.3 112.9
184	29.7	23.4 35.2
145	30.5	24.2 36.4



#70
1,2,4-trichlorobenzene
Concen: 9.807 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

Tgt Ion:180	Resp:	171336
Ion Ratio	Lower	Upper
180	100	
182	95.5	76.6 114.8
145	31.4	24.6 36.8

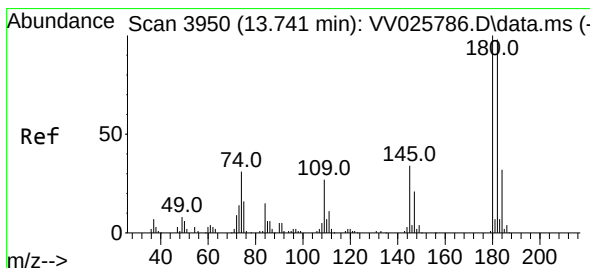
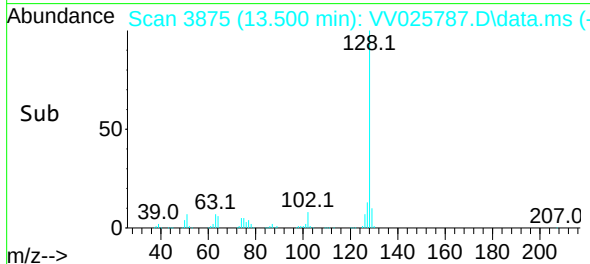
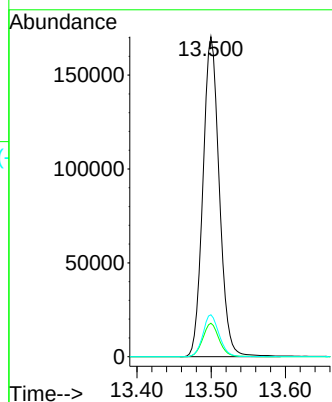
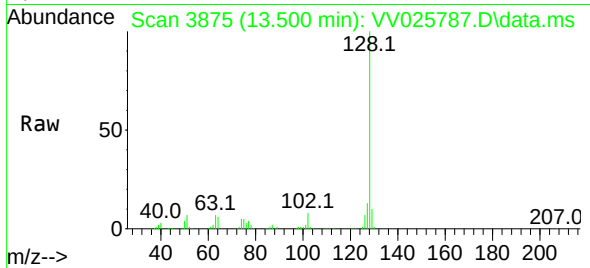




#71
Naphthalene
Concen: 10.262 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

Tgt Ion:128 Resp: 261511
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 12.9 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 9.910 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025787.D
Acq: 03 May 2022 12:09

Tgt Ion:180 Resp: 143738
Ion Ratio Lower Upper
180 100
182 95.5 77.7 116.5
145 33.3 27.4 41.2

