

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011222\
 Data File : VW024342.D
 Acq On : 12 Jan 2022 19:57
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050382

Quant Time: Jan 13 02:35:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	269428	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	251191	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	139354	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	90982	46.921	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.840%
7) Chloroethane-d5	1.571	69	70510	47.868	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.740%
11) 1,1-Dichloroethene-d2	2.111	63	176503	48.704	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.400%
21) 2-Butanone-d5	3.886	46	113177	104.762	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.760%
24) Chloroform-d	4.346	84	179894	50.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.520%
26) 1,2-Dichloroethane-d4	5.031	65	117693	49.602	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.200%
32) Benzene-d6	5.050	84	342701	52.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.560%
36) 1,2-Dichloropropane-d6	6.069	67	97155	52.886	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.780%
41) Toluene-d8	7.313	98	331818	52.282	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.560%
43) trans-1,3-Dichloroprop...	7.619	79	54811	51.814	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.620%
47) 2-Hexanone-d5	8.085	63	86056	107.822	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.820%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	132007	50.282	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.560%
66) 1,2-Dichlorobenzene-d4	11.622	152	142381	51.259	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	92979	42.776	ug/L	100
3) Chloromethane	1.243	50	84253	46.136	ug/L	96
5) Vinyl chloride	1.314	62	90228	46.695	ug/L	95
6) Bromomethane	1.523	94	60878	55.289	ug/L	97
8) Chloroethane	1.587	64	56461	47.340	ug/L	99
9) Trichlorofluoromethane	1.754	101	159044	45.791	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	83623	49.264	ug/L	99
12) 1,1-Dichloroethene	2.121	96	78518	47.844	ug/L	91
13) Acetone	2.179	43	93058	87.245	ug/L	100
14) Carbon disulfide	2.298	76	193173	40.539	ug/L	100
15) Methyl Acetate	2.433	43	80564	51.931	ug/L	99
16) Methylene chloride	2.507	84	88468	49.501	ug/L	96
17) trans-1,2-Dichloroethene	2.761	96	81911	48.436	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	280306	53.781	ug/L	99
19) 1,1-Dichloroethane	3.191	63	147381	52.543	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	91663	50.752	ug/L	99
22) 2-Butanone	3.970	43	111254	98.191	ug/L	96
23) Bromochloromethane	4.249	128	51884	49.856	ug/L	97
25) Chloroform	4.375	83	164173	50.060	ug/L	100

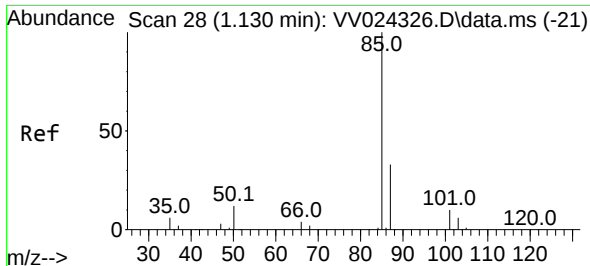
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011222\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	128247	48.079	ug/L	98
29) Cyclohexane	4.677	56	116283	51.787	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	155633	50.356	ug/L	99
31) Carbon tetrachloride	4.828	117	141489	49.345	ug/L	100
33) Benzene	5.098	78	330741	51.782	ug/L	100
34) Trichloroethene	5.915	95	91119	51.733	ug/L	99
35) Methylcyclohexane	6.130	83	131258	50.249	ug/L	99
37) 1,2-Dichloropropane	6.172	63	81916	54.527	ug/L	99
38) Bromodichloromethane	6.510	83	123684	52.465	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	136354	53.994	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	219987	112.296	ug/L	99
42) Toluene	7.387	91	370256	51.642	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	138952	54.241	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	87772	52.116	ug/L	96
46) Tetrachloroethene	7.976	164	78334	48.863	ug/L	98
48) 2-Hexanone	8.137	43	171941	109.276	ug/L	98
49) Dibromochloromethane	8.246	129	107321	50.837	ug/L	98
50) 1,2-Dibromoethane	8.352	107	95876	53.001	ug/L	100
51) Chlorobenzene	8.879	112	249738	51.715	ug/L	99
52) Ethylbenzene	9.011	91	404507	52.811	ug/L	99
53) m,p-Xylene	9.137	106	161127	52.481	ug/L	100
54) o-Xylene	9.542	106	156810	53.504	ug/L	99
55) Styrene	9.561	104	271462	53.337	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	125184	50.904	ug/L	99
59) Bromoform	9.731	173	76276	48.002	ug/L	99
60) Isopropylbenzene	9.931	105	424349	55.030	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	105863	51.735	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	364353	54.930	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	370030	55.878	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	212719	53.501	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	214580	52.332	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	213577	52.121	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	28611	48.547	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	163106	53.333	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	145175	55.505	ug/L	99
71) Naphthalene	13.500	128	428393	56.612	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	144580	53.485	ug/L	99

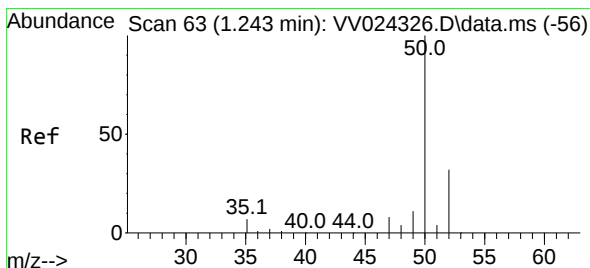
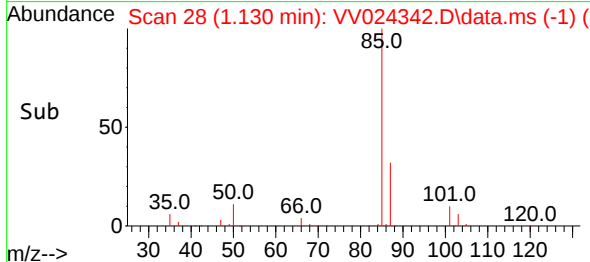
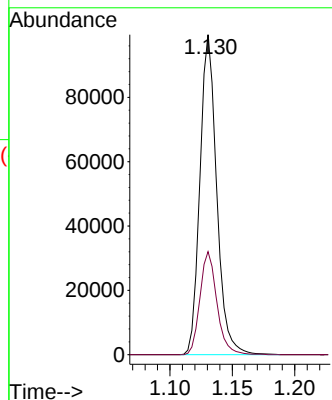
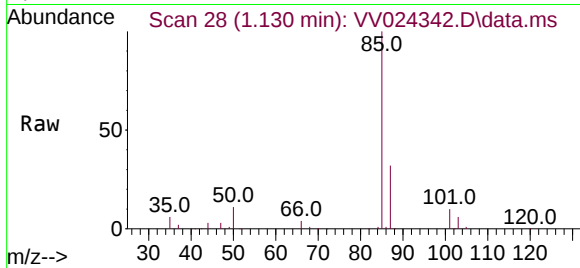
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#2
 Dichlorodifluoromethane
 Concen: 42.776 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024342.D
 Acq: 12 Jan 2022 19:57

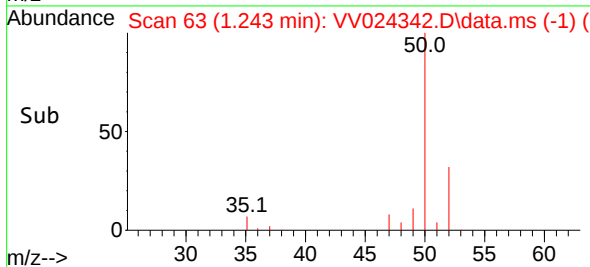
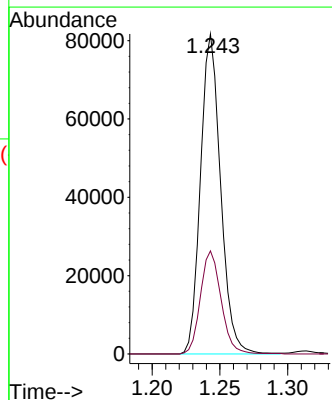
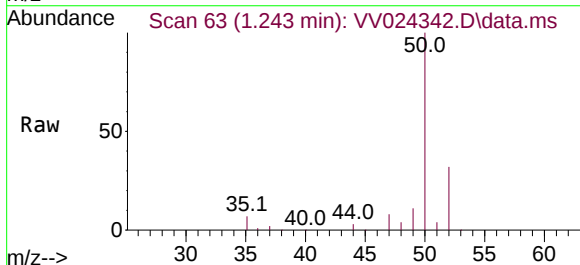
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050382

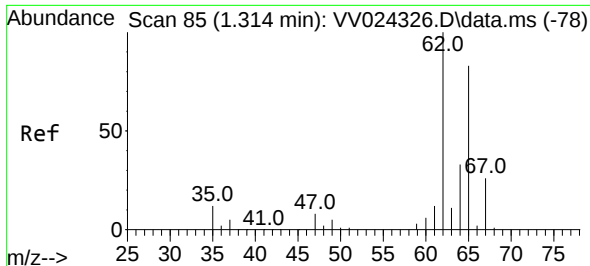
Tgt Ion: 85 Resp: 92979
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.8



#3
 Chloromethane
 Concen: 46.136 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024342.D
 Acq: 12 Jan 2022 19:57

Tgt Ion: 50 Resp: 84253
 Ion Ratio Lower Upper
 50 100
 52 32.2 24.1 44.7

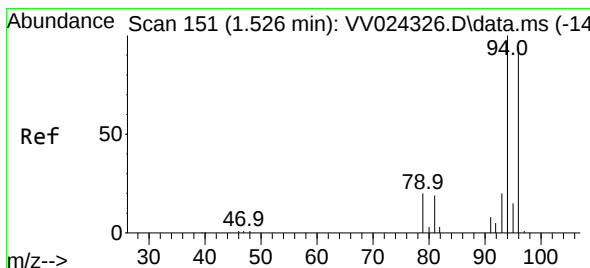
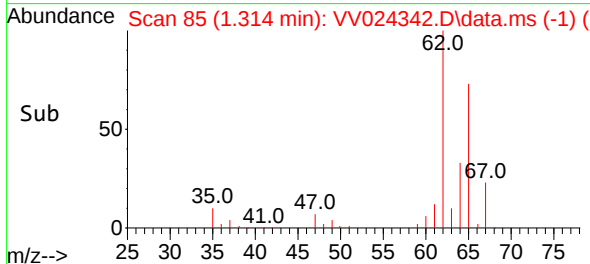
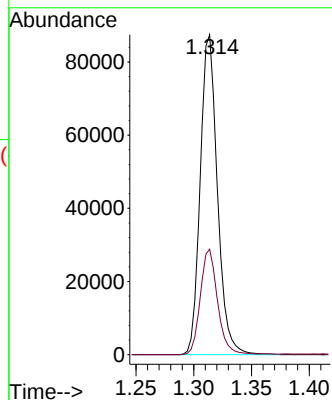
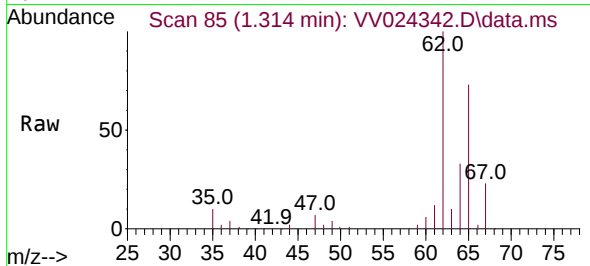




#5
 Vinyl chloride
 Concen: 46.695 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV024342.D
 Acq: 12 Jan 2022 19:57

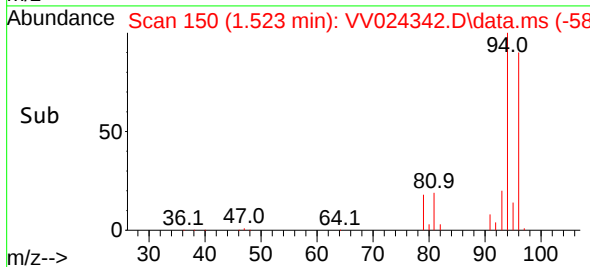
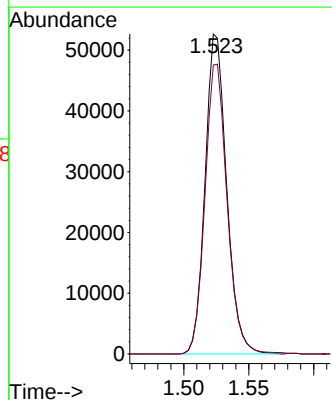
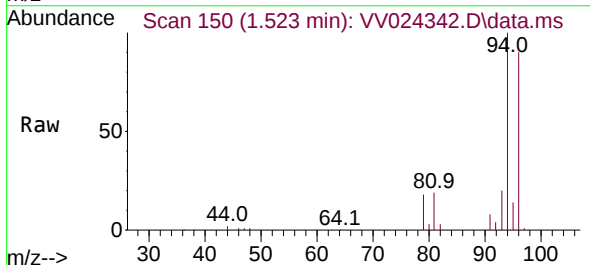
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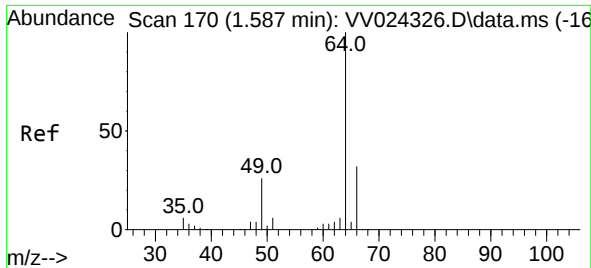
Tgt Ion: 62 Resp: 90228
 Ion Ratio Lower Upper
 62 100
 64 33.0 25.0 46.4



#6
 Bromomethane
 Concen: 55.289 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV024342.D
 Acq: 12 Jan 2022 19:57

Tgt Ion: 94 Resp: 60878
 Ion Ratio Lower Upper
 94 100
 96 90.3 65.0 120.6

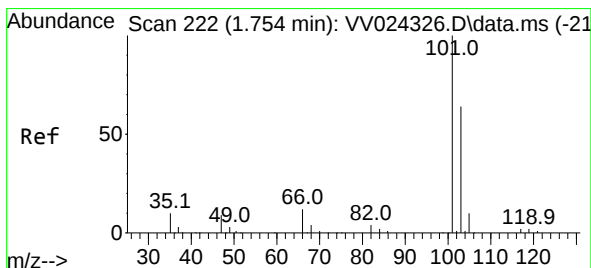
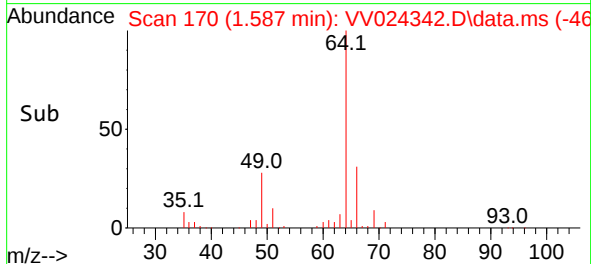
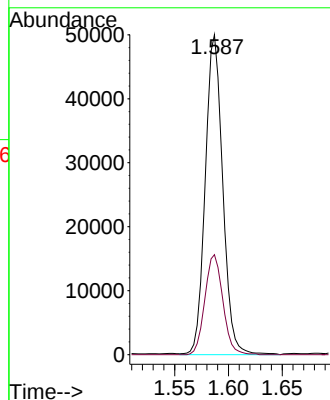
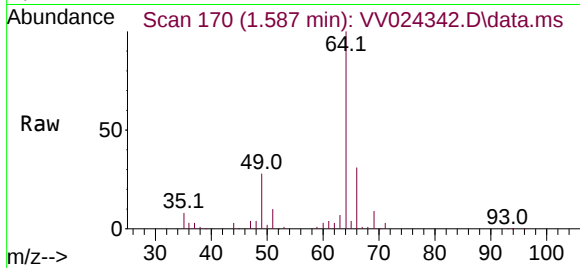




#8
Chloroethane
Concen: 47.340 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

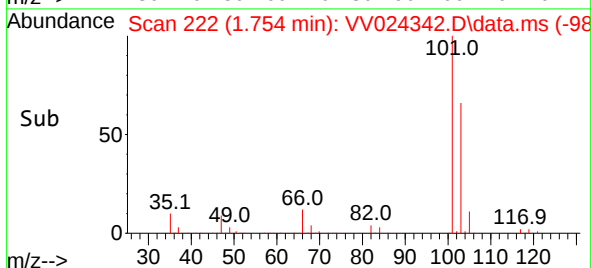
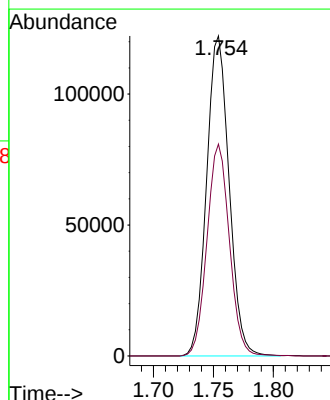
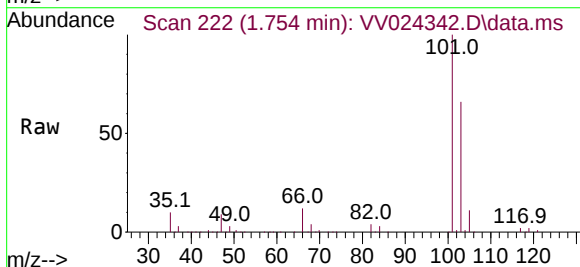
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ClientSampleId :
VSTD050382

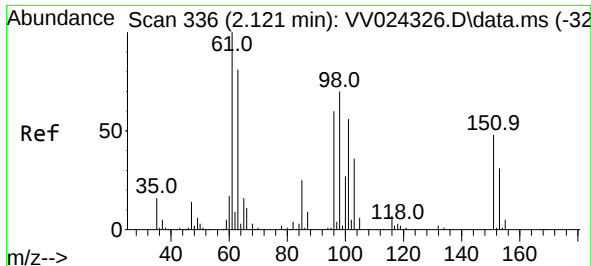
Tgt Ion: 64 Resp: 56461
Ion Ratio Lower Upper
64 100
66 31.2 21.4 39.8



#9
Trichlorofluoromethane
Concen: 45.791 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

Tgt Ion:101 Resp: 159044
Ion Ratio Lower Upper
101 100
103 66.1 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 49.264 ug/L

RT: 2.118 min Scan# 335

Delta R.T. -0.003 min

Lab File: VV024342.D

Acq: 12 Jan 2022 19:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD050382

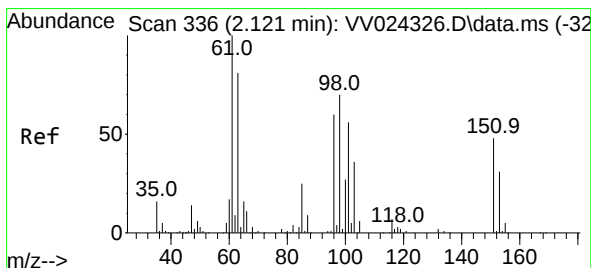
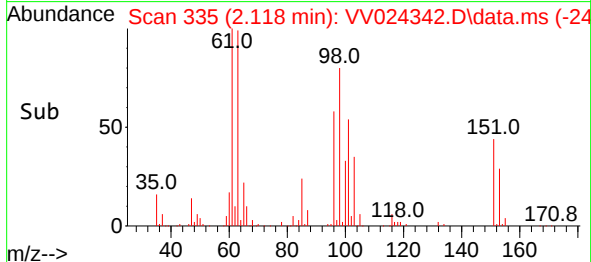
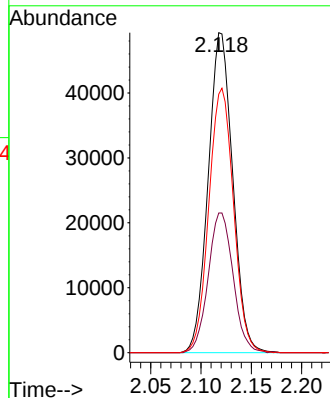
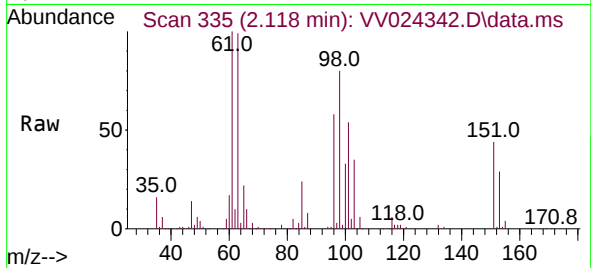
Tgt Ion:101 Resp: 83623

Ion Ratio Lower Upper

101 100

85 44.2 35.3 52.9

151 83.2 67.1 100.7



#12

1,1-Dichloroethene

Concen: 47.844 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.000 min

Lab File: VV024342.D

Acq: 12 Jan 2022 19:57

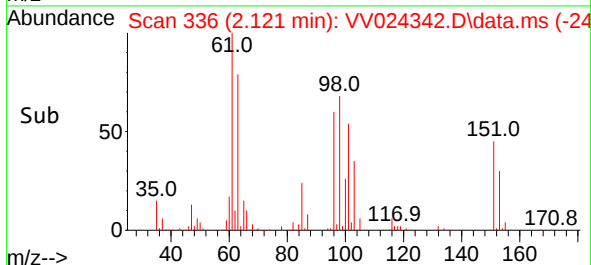
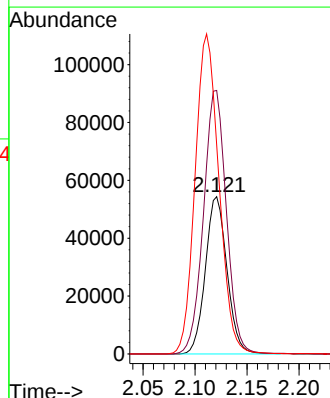
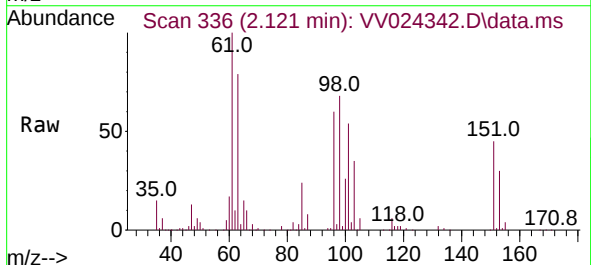
Tgt Ion: 96 Resp: 78518

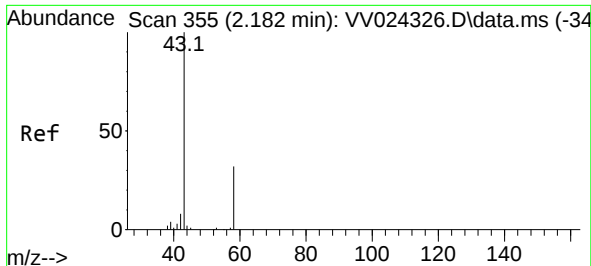
Ion Ratio Lower Upper

96 100

61 167.6 111.9 207.9

63 133.0 82.7 153.5





#13

Acetone

Concen: 87.245 ug/L

RT: 2.179 min Scan# 354

Delta R.T. -0.003 min

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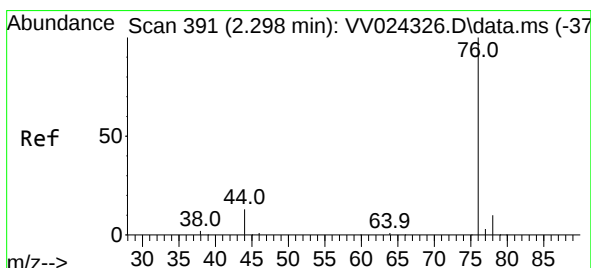
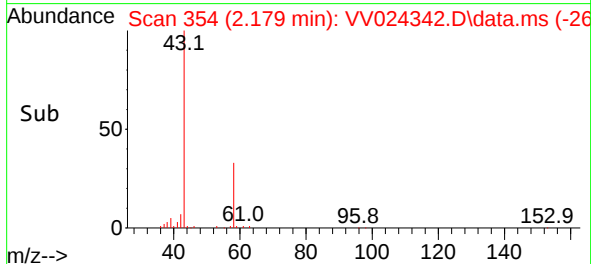
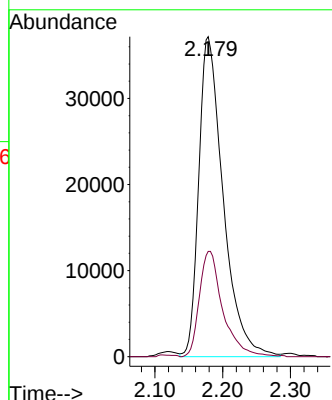
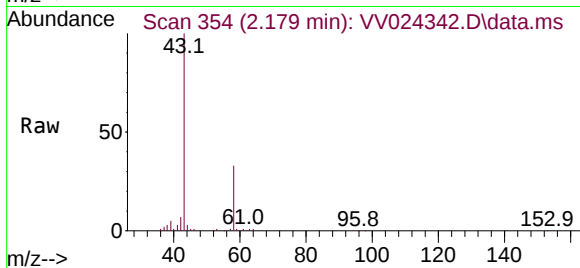
VSTD050382

Tgt Ion: 43 Resp: 93058

Ion Ratio Lower Upper

43 100

58 31.5 0.0 63.0



#14

Carbon disulfide

Concen: 40.539 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV024342.D

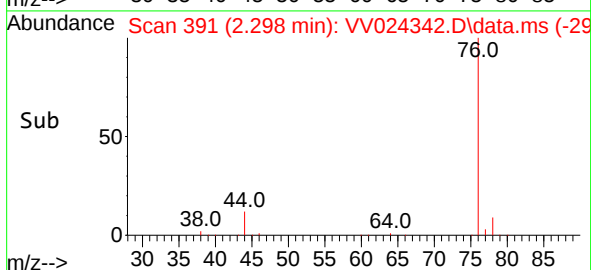
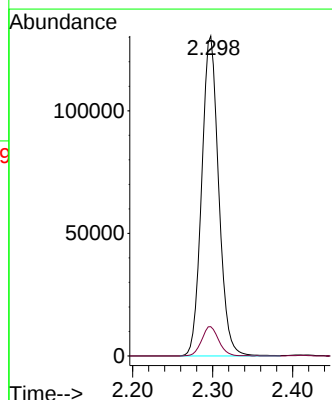
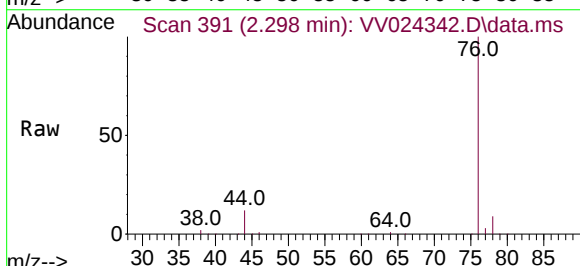
Acq: 12 Jan 2022 19:57

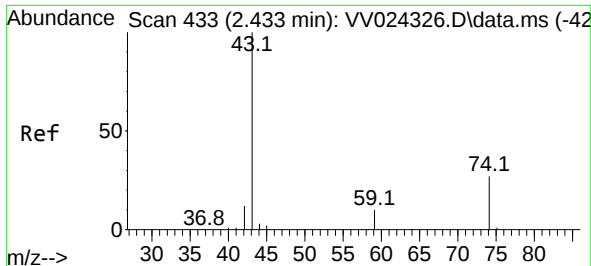
Tgt Ion: 76 Resp: 193173

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

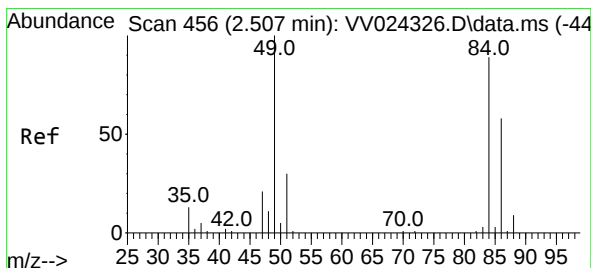
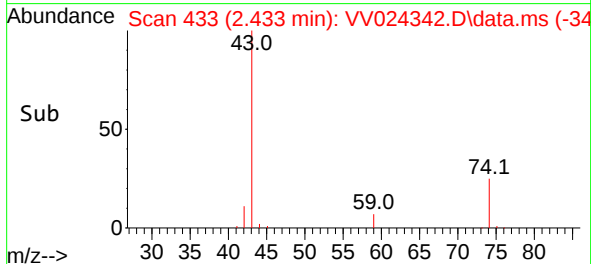
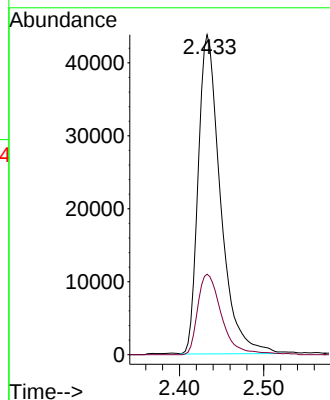
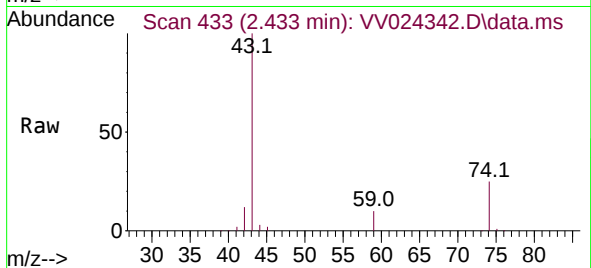




#15
Methyl Acetate
Concen: 51.931 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

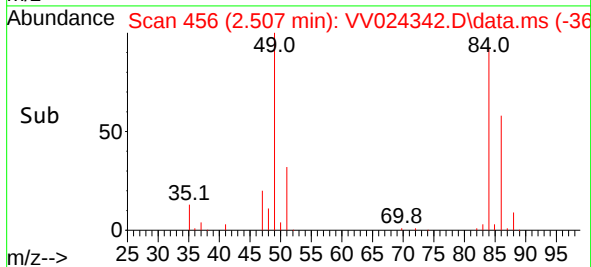
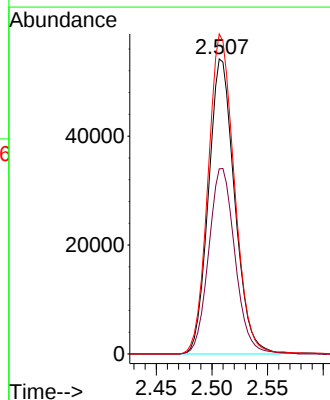
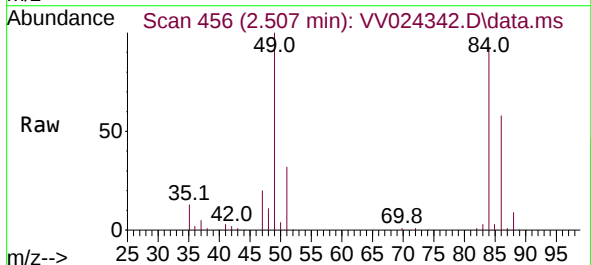
Instrument :
MSVOA_V
ClientSampleId :
VSTD050382

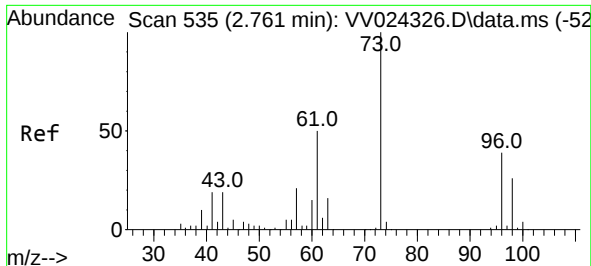
Tgt Ion: 43 Resp: 80564
Ion Ratio Lower Upper
43 100
74 26.6 21.8 32.8



#16
Methylene chloride
Concen: 49.501 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

Tgt Ion: 84 Resp: 88468
Ion Ratio Lower Upper
84 100
86 62.8 46.8 86.8
49 108.5 78.3 145.3

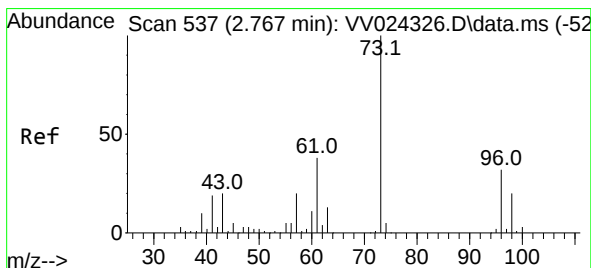
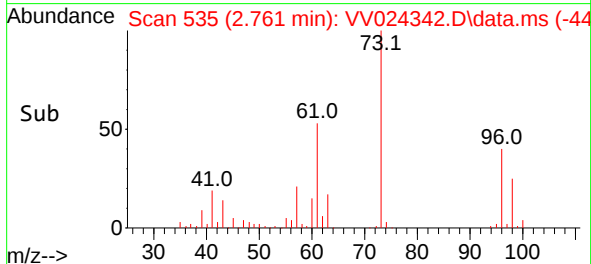
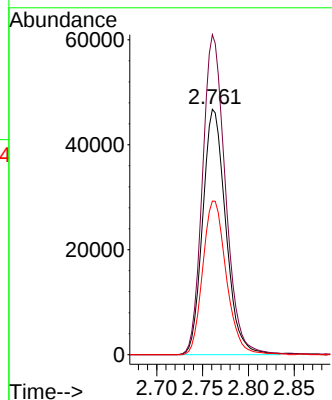
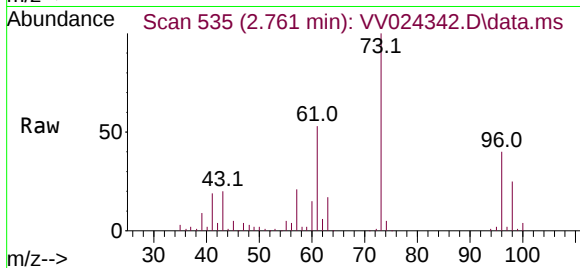




#17
trans-1,2-Dichloroethene
Concen: 48.436 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

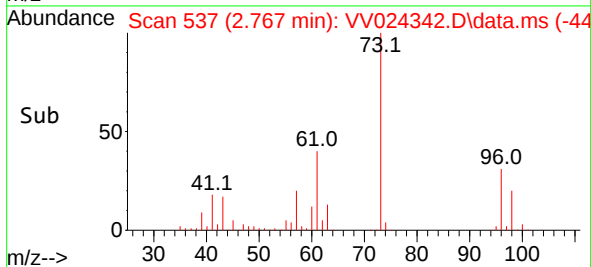
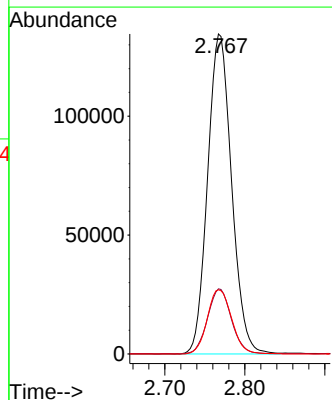
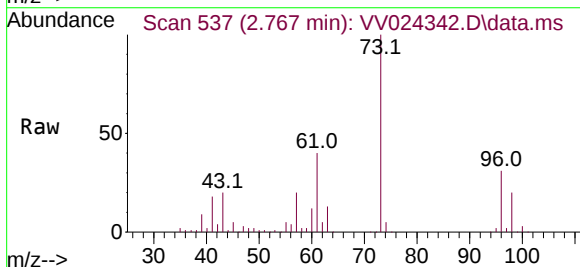
Instrument :
MSVOA_V
ClientSampleId :
VSTD050382

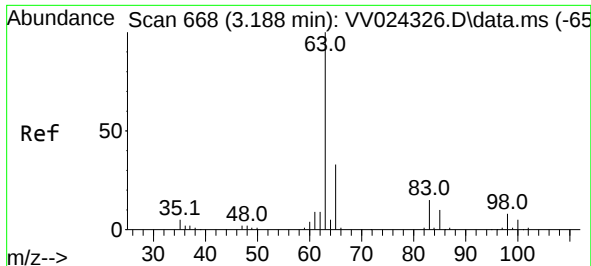
Tgt Ion: 96 Resp: 81911
Ion Ratio Lower Upper
96 100
61 130.4 88.1 163.7
98 62.6 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 53.781 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

Tgt Ion: 73 Resp: 280306
Ion Ratio Lower Upper
73 100
43 20.3 16.2 24.2
57 20.3 15.9 23.9





#19

1,1-Dichloroethane

Concen: 52.543 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024342.D

Acq: 12 Jan 2022 19:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD050382

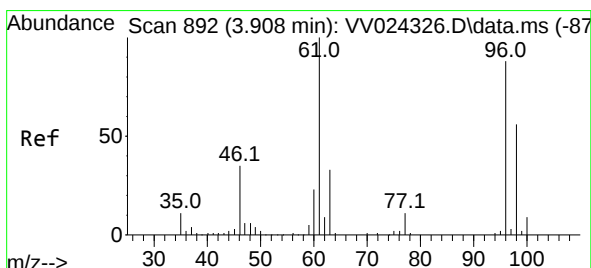
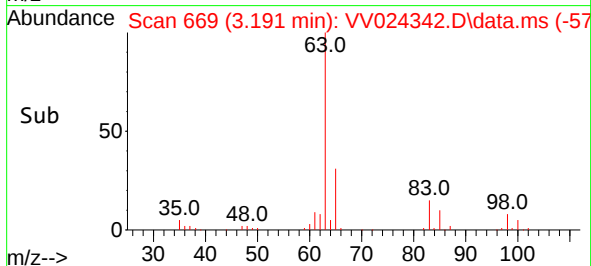
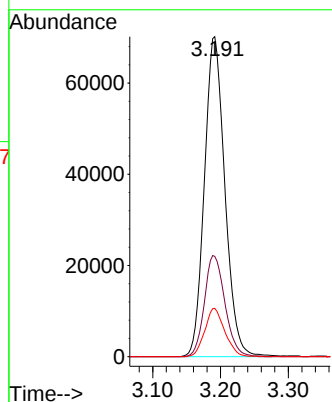
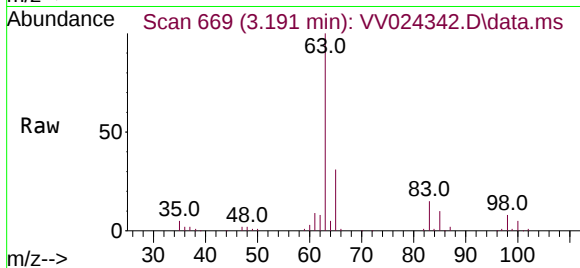
Tgt Ion: 63 Resp: 147381

Ion Ratio Lower Upper

63 100

65 31.4 22.4 41.6

83 15.1 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 50.752 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV024342.D

Acq: 12 Jan 2022 19:57

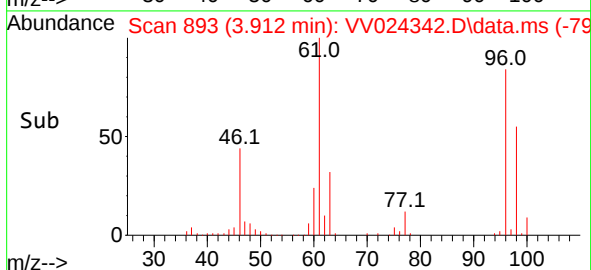
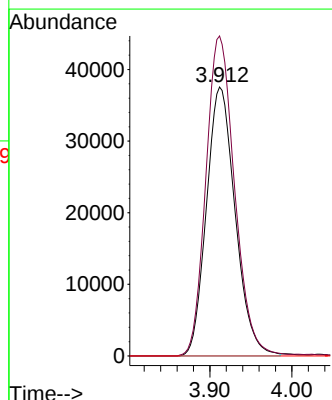
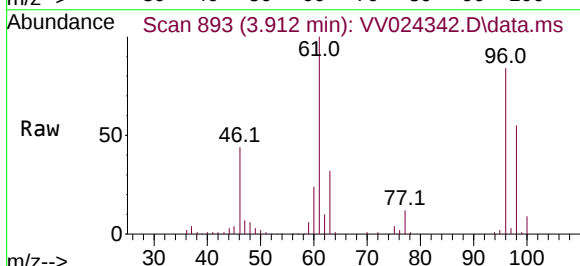
Tgt Ion: 96 Resp: 91663

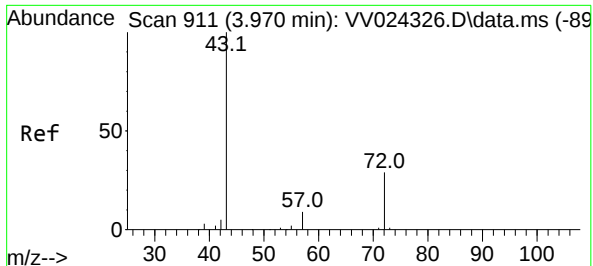
Ion Ratio Lower Upper

96 100

61 119.0 82.9 153.9

68 0.0 0.0 0.0

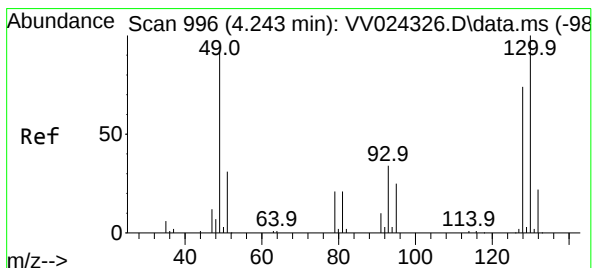
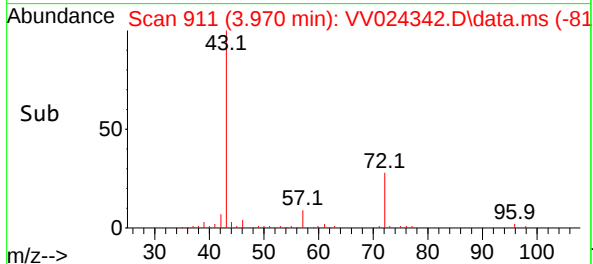
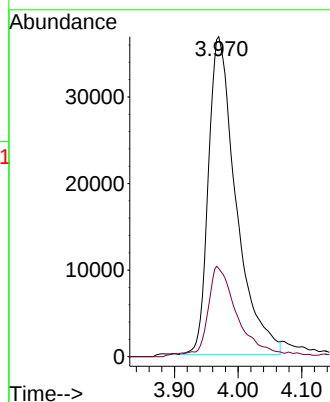
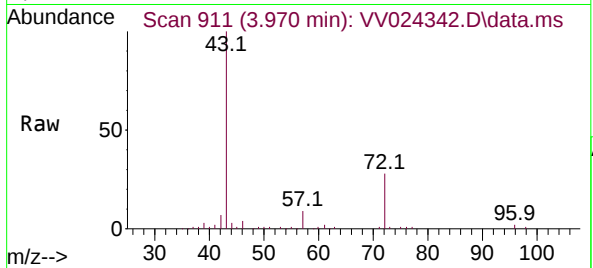




#22
2-Butanone
Concen: 98.191 ug/L
RT: 3.970 min Scan# 911
Delta R.T. 0.000 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

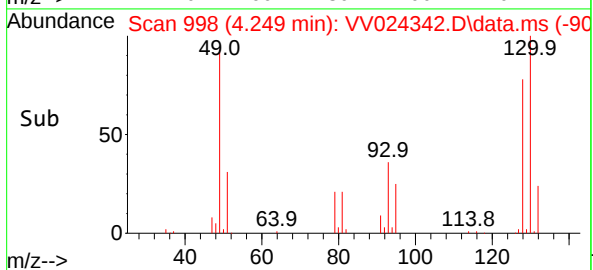
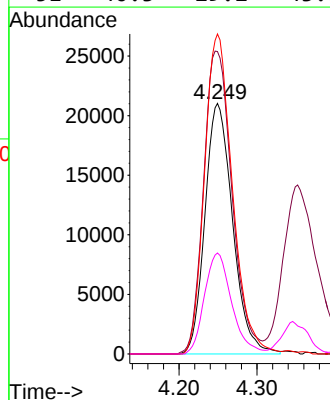
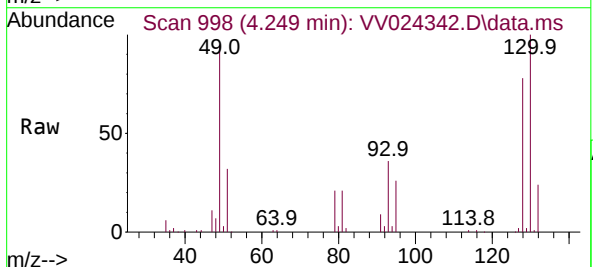
Instrument :
MSVOA_V
ClientSampleId :
VSTD050382

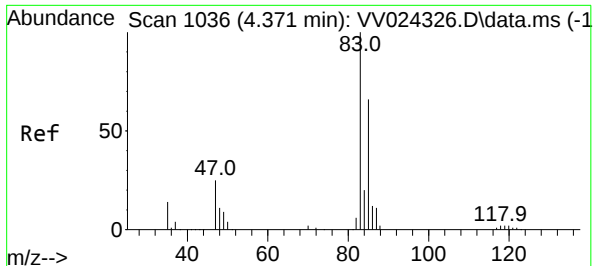
Tgt Ion: 43 Resp: 111254
Ion Ratio Lower Upper
43 100
72 27.5 14.9 44.9



#23
Bromochloromethane
Concen: 49.856 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.006 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

Tgt Ion: 128 Resp: 51884
Ion Ratio Lower Upper
128 100
49 120.7 83.1 154.3
130 127.7 87.0 161.6
51 40.3 29.2 43.8





#25

Chloroform

Concen: 50.060 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV024342.D

Acq: 12 Jan 2022 19:57

Instrument :

MSVOA_V

ClientSampleId :

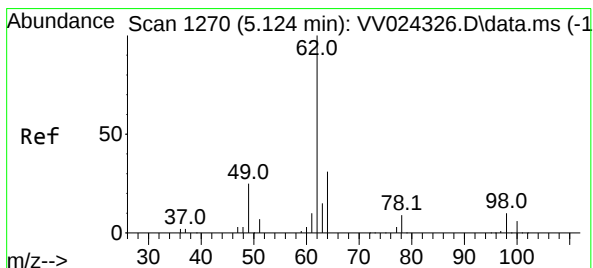
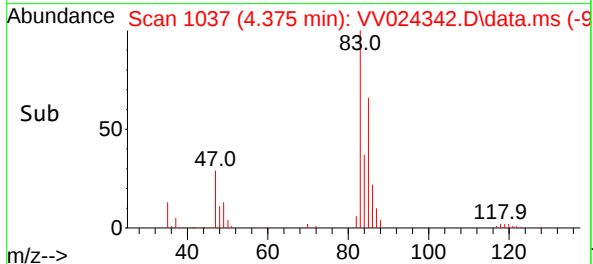
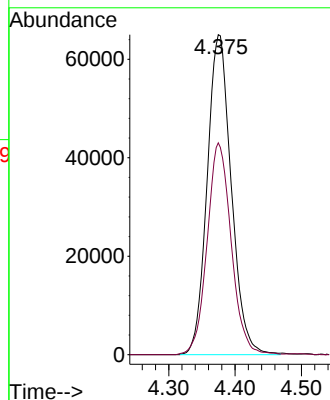
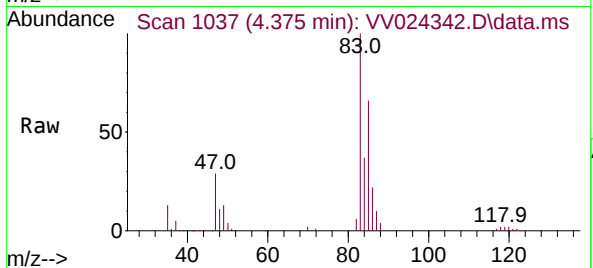
VSTD050382

Tgt Ion: 83 Resp: 164173

Ion Ratio Lower Upper

83 100

85 66.2 46.3 85.9



#27

1,2-Dichloroethane

Concen: 48.079 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV024342.D

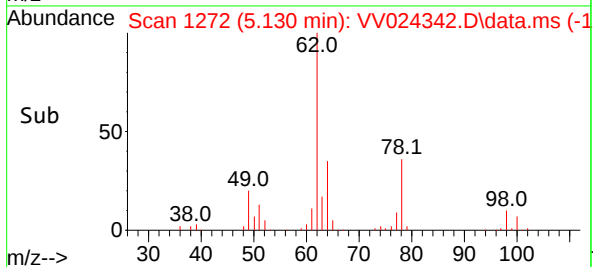
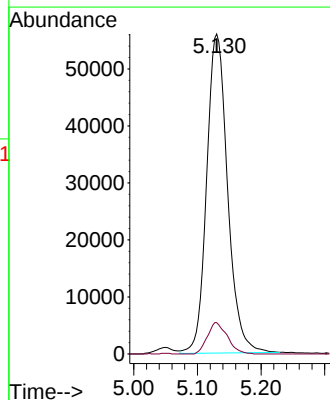
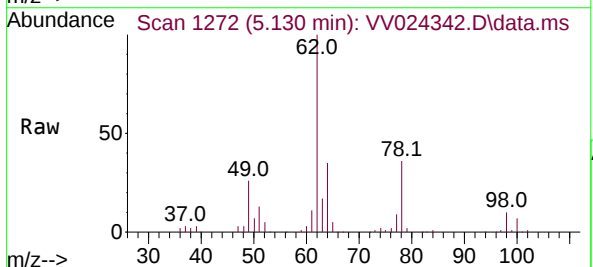
Acq: 12 Jan 2022 19:57

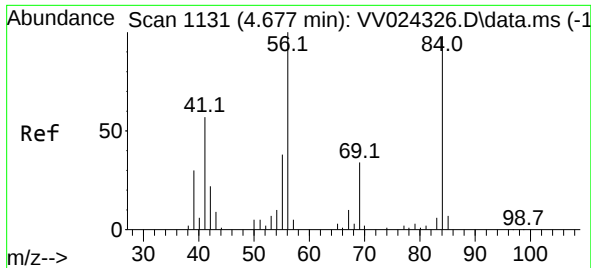
Tgt Ion: 62 Resp: 128247

Ion Ratio Lower Upper

62 100

98 9.8 7.1 10.7

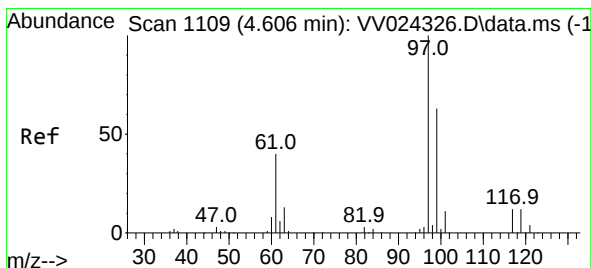
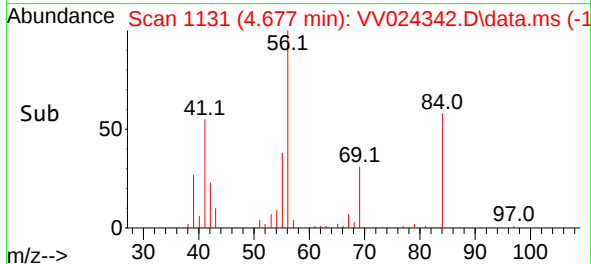
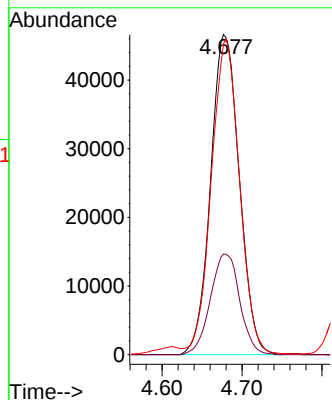
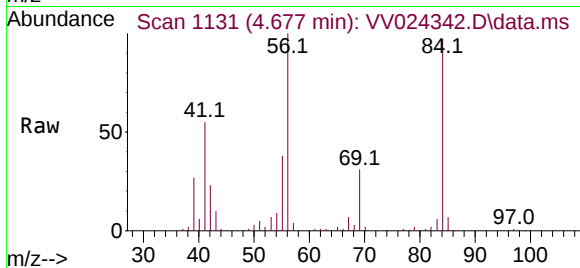




#29
Cyclohexane
Concen: 51.787 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

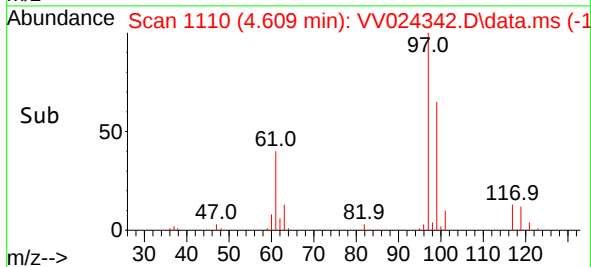
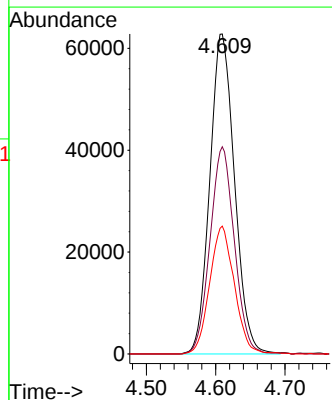
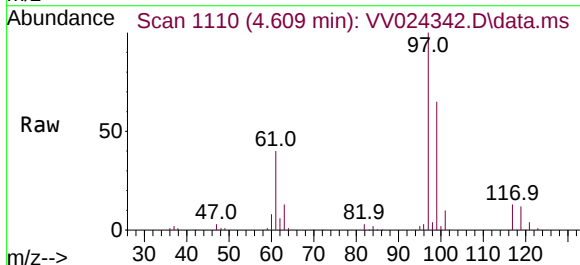
Instrument :
MSVOA_V
ClientSampleId :
VSTD050382

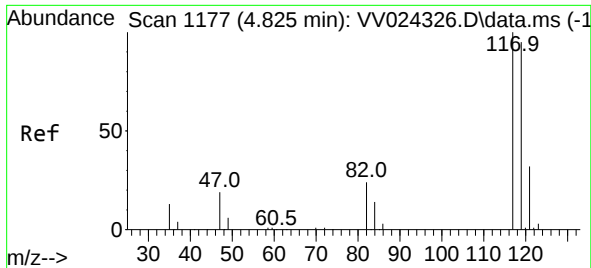
Tgt Ion:	56	Resp:	116283
Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.8	38.6
84	96.0	79.1	118.7



#30
1,1,1-Trichloroethane
Concen: 50.356 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

Tgt Ion:	97	Resp:	155633
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.2	76.8
61	39.9	33.2	49.8

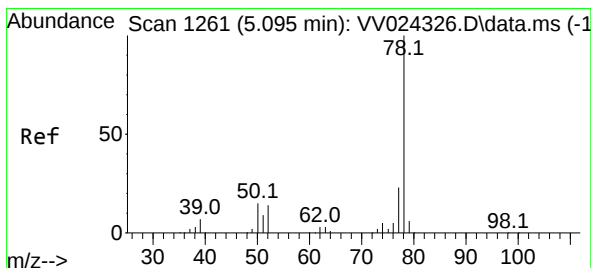
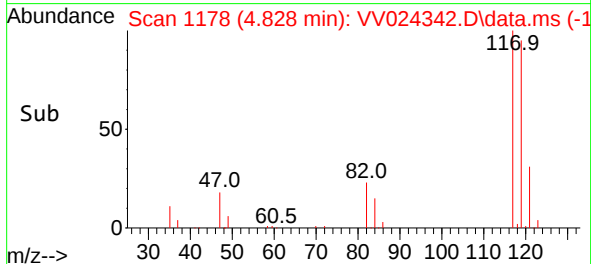
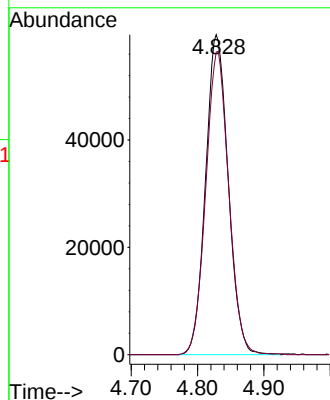
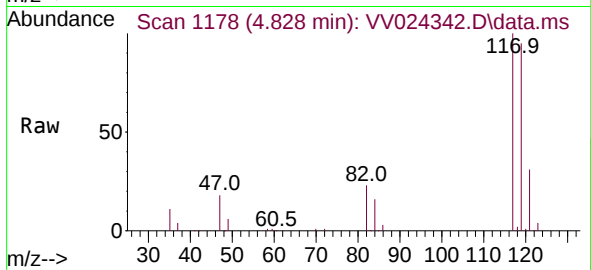




#31
Carbon tetrachloride
Concen: 49.345 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

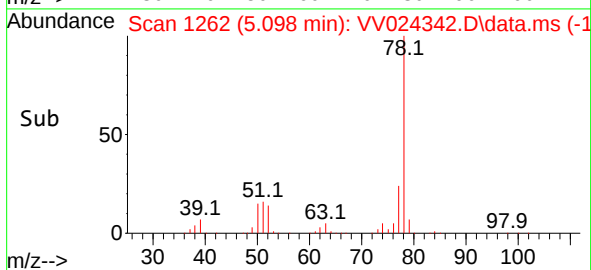
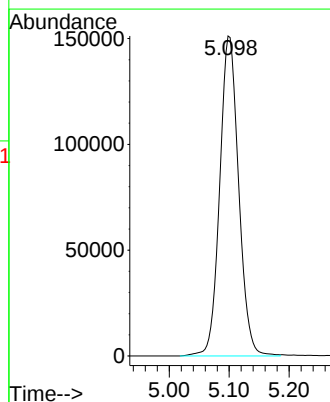
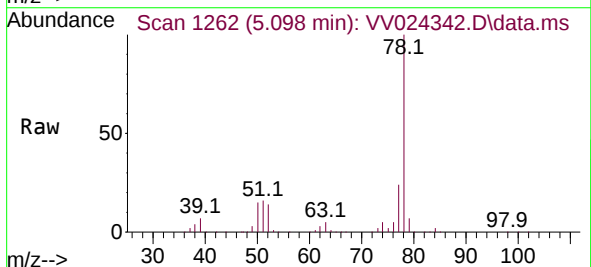
Instrument :
MSVOA_V
ClientSampleId :
VSTD050382

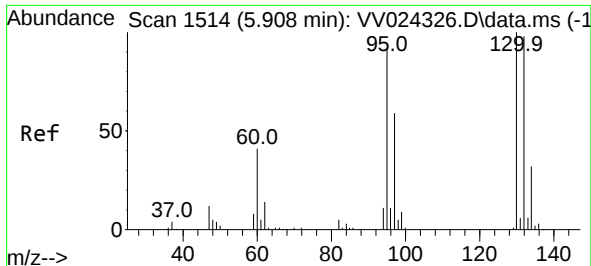
Tgt Ion:117 Resp: 141489
Ion Ratio Lower Upper
117 100
119 96.2 76.9 115.3



#33
Benzene
Concen: 51.782 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

Tgt Ion: 78 Resp: 330741



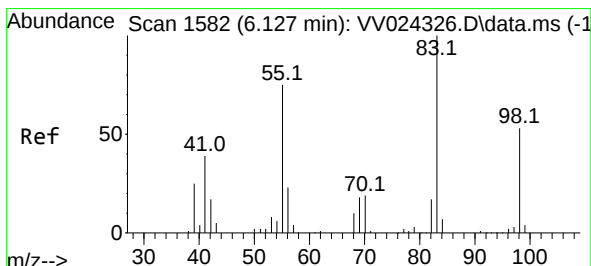
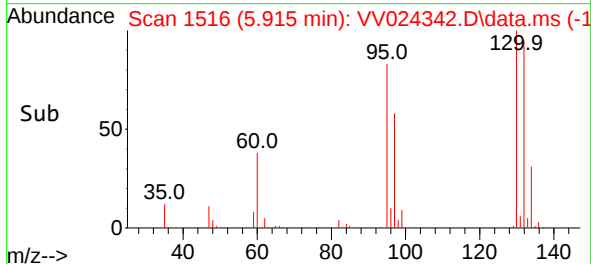
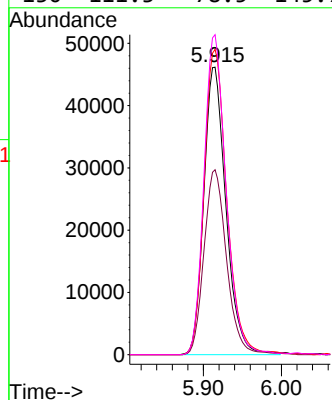
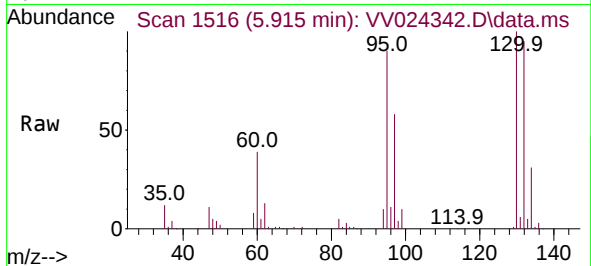


#34
Trichloroethene
Concen: 51.733 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD050382

Tgt Ion: 95 Resp: 91119

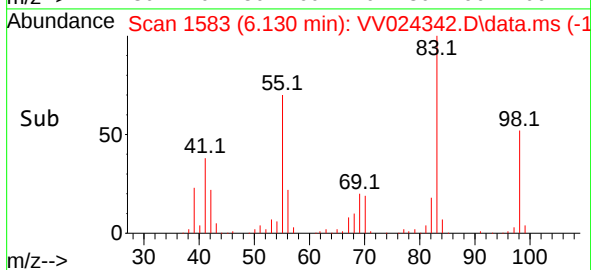
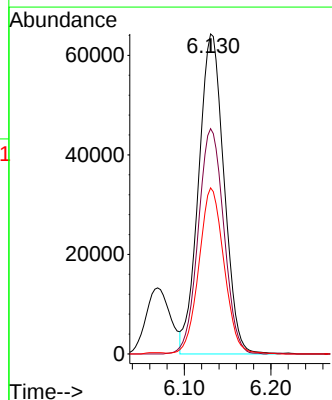
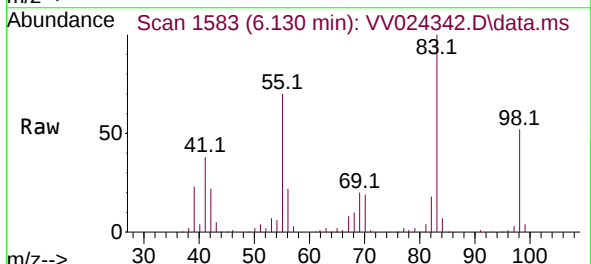
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.1	81.9
132	106.2	75.1	139.5
130	111.3	78.5	145.7

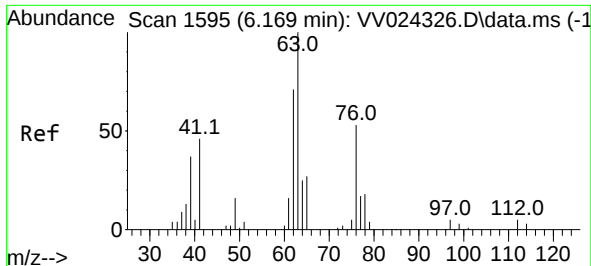


#35
Methylcyclohexane
Concen: 50.249 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

Tgt Ion: 83 Resp: 131258

Ion	Ratio	Lower	Upper
83	100		
55	70.8	55.6	83.4
98	51.3	41.3	61.9





#37

1,2-Dichloropropane

Concen: 54.527 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024342.D

Acq: 12 Jan 2022 19:57

Instrument :

MSVOA_V

ClientSampleId :

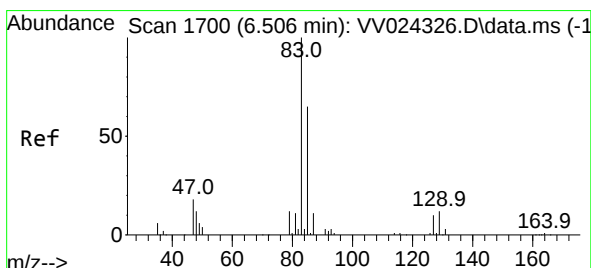
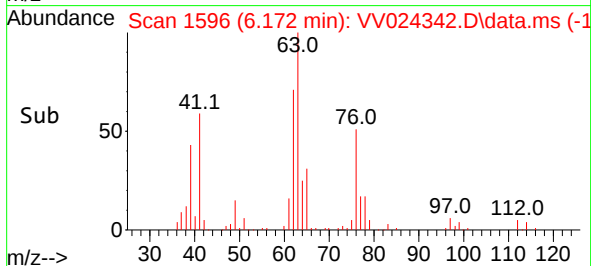
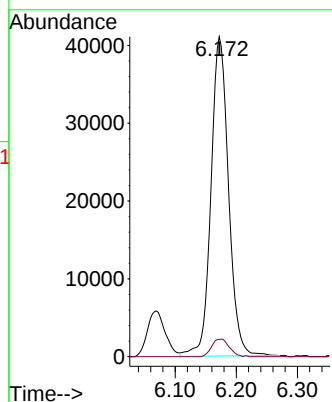
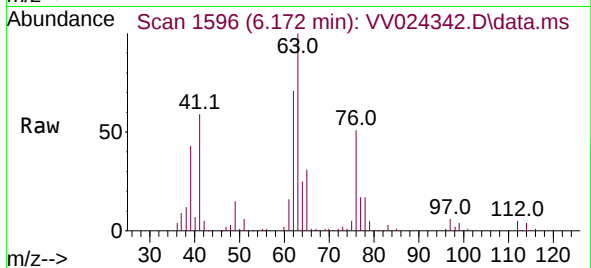
VSTD050382

Tgt Ion: 63 Resp: 81916

Ion Ratio Lower Upper

63 100

112 5.5 4.7 7.1



#38

Bromodichloromethane

Concen: 52.465 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV024342.D

Acq: 12 Jan 2022 19:57

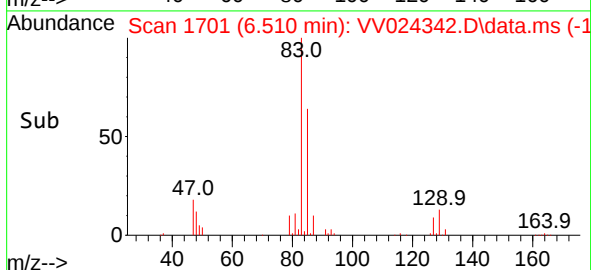
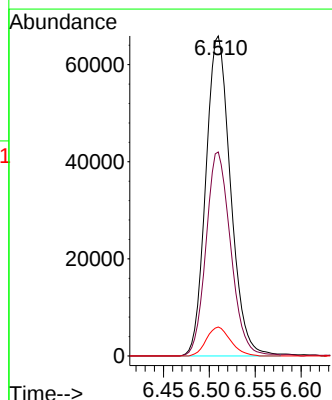
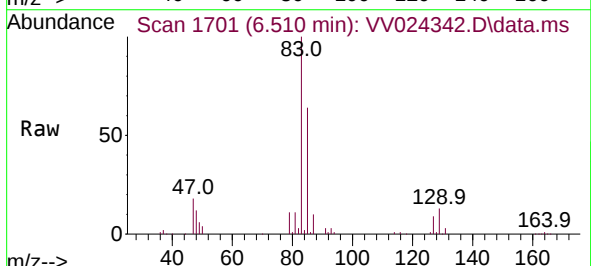
Tgt Ion: 83 Resp: 123684

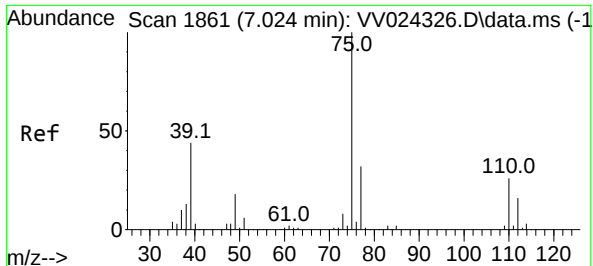
Ion Ratio Lower Upper

83 100

85 63.7 45.2 84.0

127 9.1 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 53.994 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV024342.D

Acq: 12 Jan 2022 19:57

Instrument :

MSVOA_V

ClientSampleId :

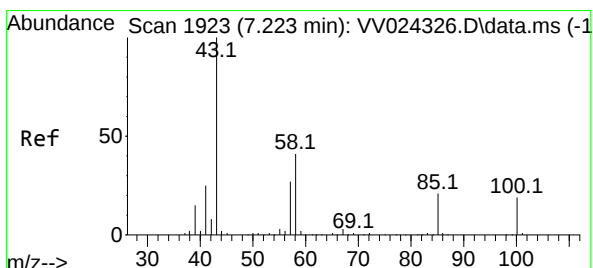
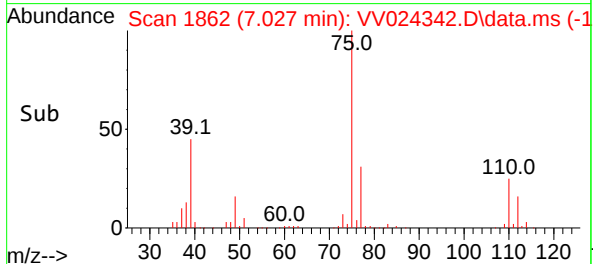
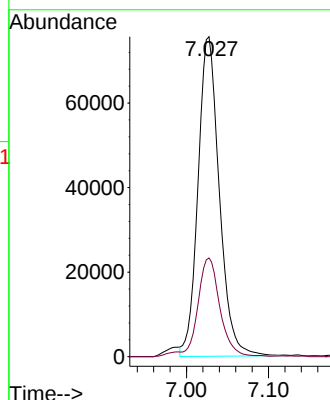
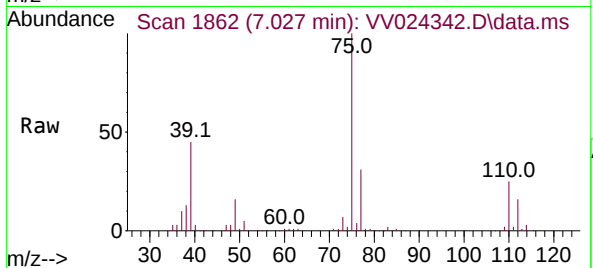
VSTD050382

Tgt Ion: 75 Resp: 136354

Ion Ratio Lower Upper

75 100

77 30.8 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 112.296 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV024342.D

Acq: 12 Jan 2022 19:57

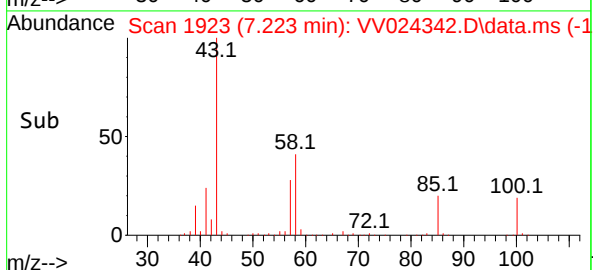
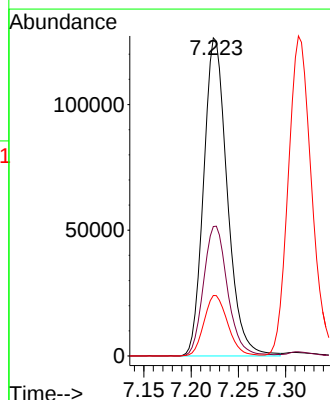
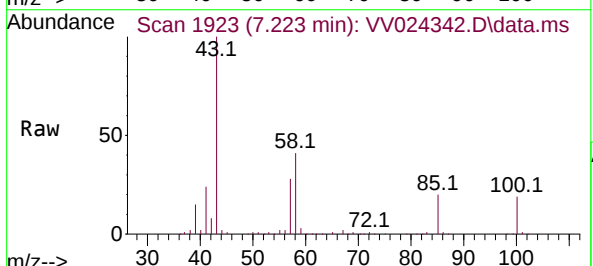
Tgt Ion: 43 Resp: 219987

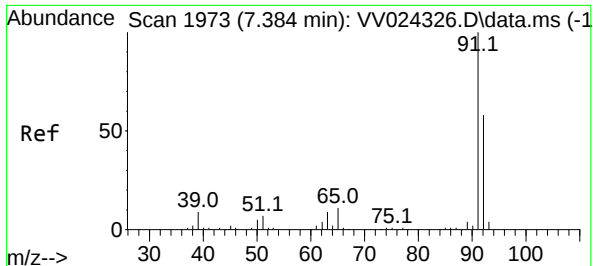
Ion Ratio Lower Upper

43 100

58 41.7 33.0 49.4

100 19.1 16.0 24.0





#42

Toluene

Concen: 51.642 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024342.D

Acq: 12 Jan 2022 19:57

Instrument :

MSVOA_V

ClientSampleId :

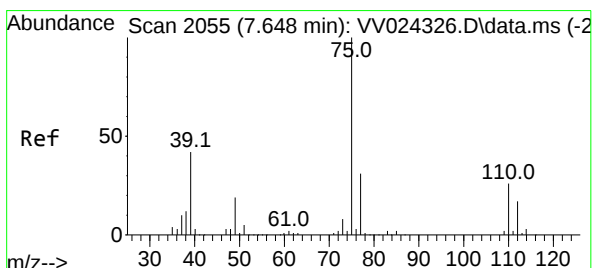
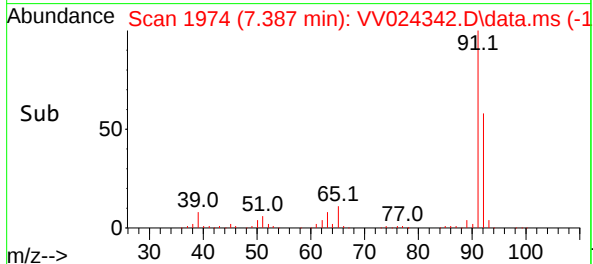
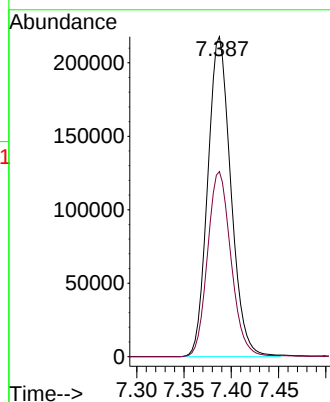
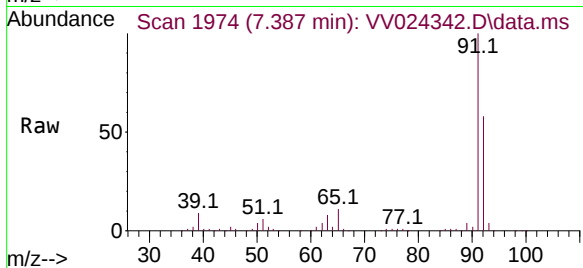
VSTD050382

Tgt Ion: 91 Resp: 370256

Ion Ratio Lower Upper

91 100

92 57.9 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 54.241 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV024342.D

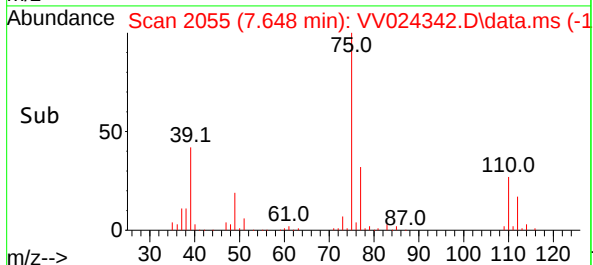
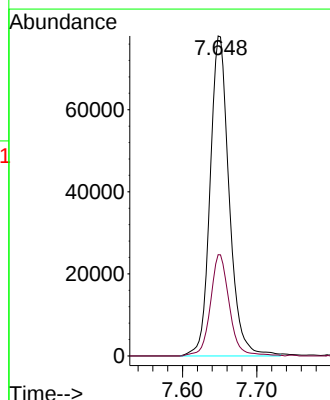
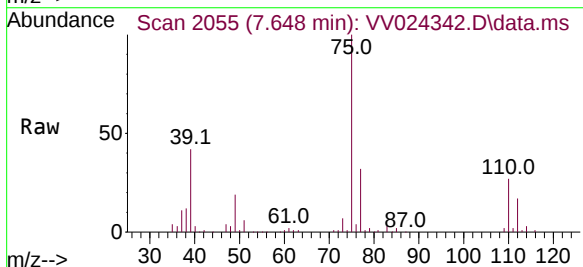
Acq: 12 Jan 2022 19:57

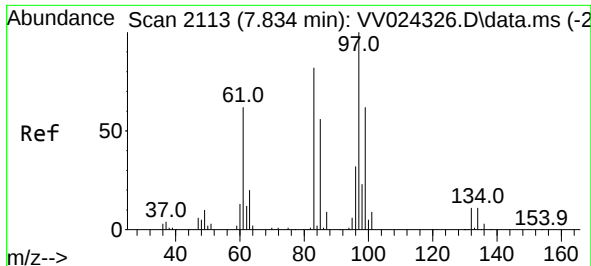
Tgt Ion: 75 Resp: 138952

Ion Ratio Lower Upper

75 100

77 31.7 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 52.116 ug/L

RT: 7.838 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV024342.D

Acq: 12 Jan 2022 19:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD050382

Tgt Ion: 97 Resp: 87772

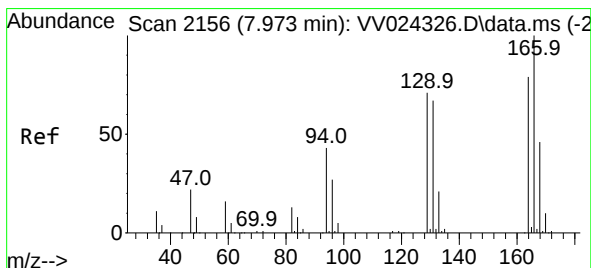
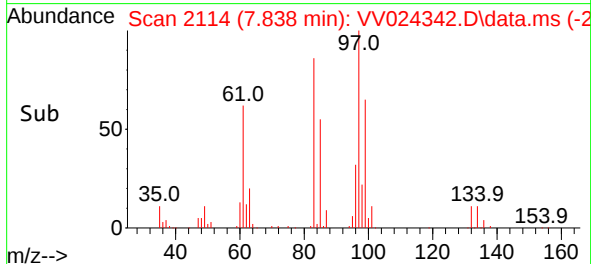
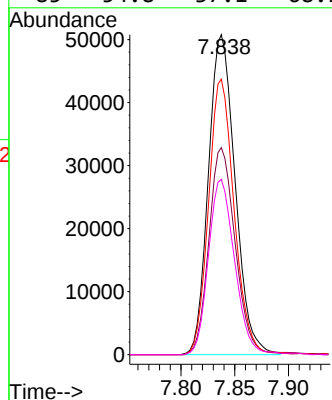
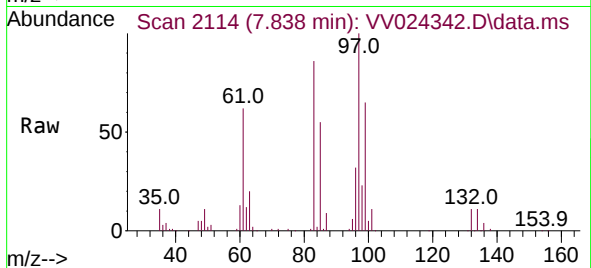
Ion Ratio Lower Upper

97 100

99 64.7 42.4 78.8

83 86.1 57.9 107.5

85 54.8 37.1 68.9



#46

Tetrachloroethene

Concen: 48.863 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024342.D

Acq: 12 Jan 2022 19:57

Tgt Ion: 164 Resp: 78334

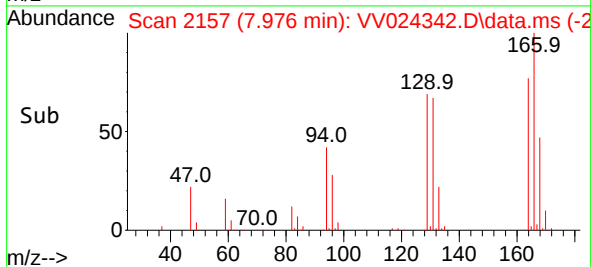
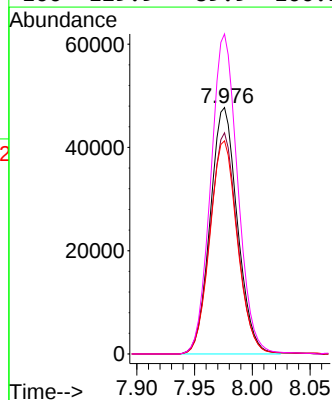
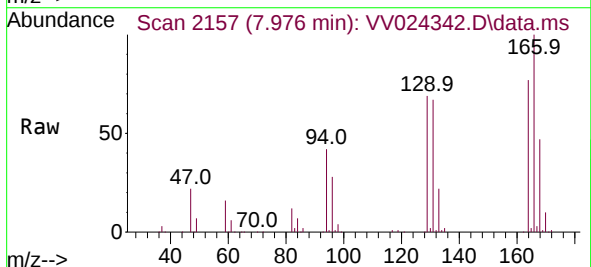
Ion Ratio Lower Upper

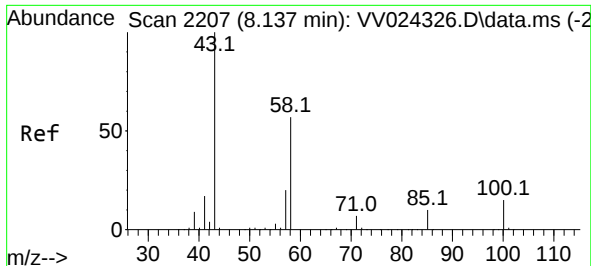
164 100

129 89.7 61.5 114.1

131 86.5 62.2 115.4

166 129.9 89.9 166.9

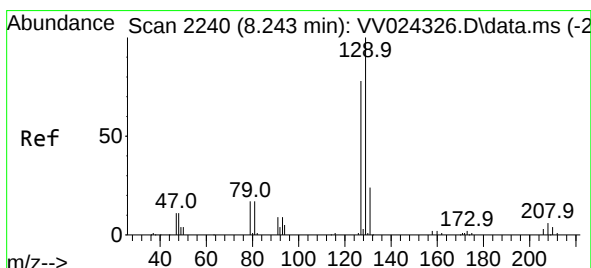
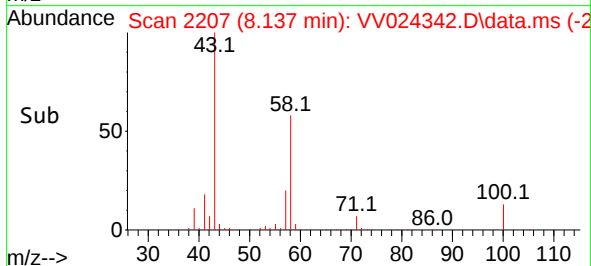
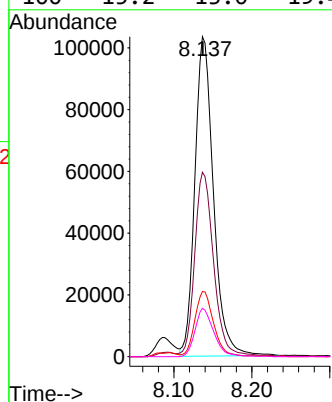
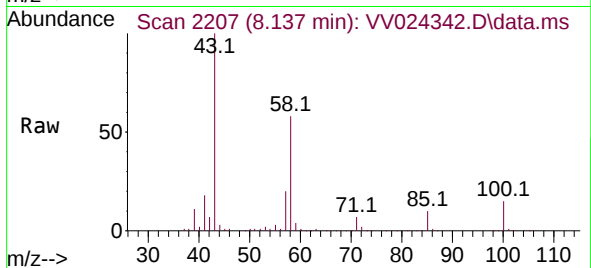




#48
2-Hexanone
Concen: 109.276 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

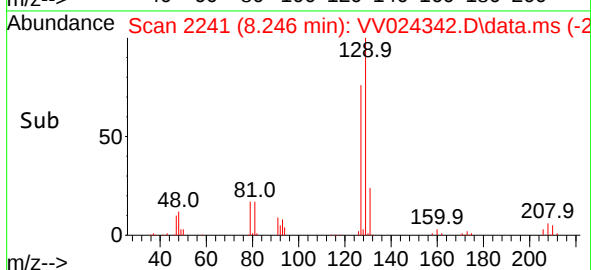
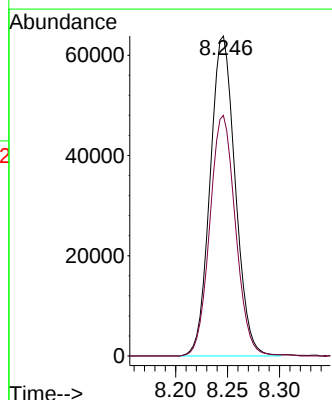
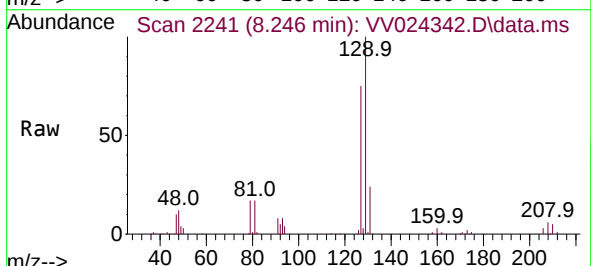
Instrument :
MSVOA_V
ClientSampleId :
VSTD050382

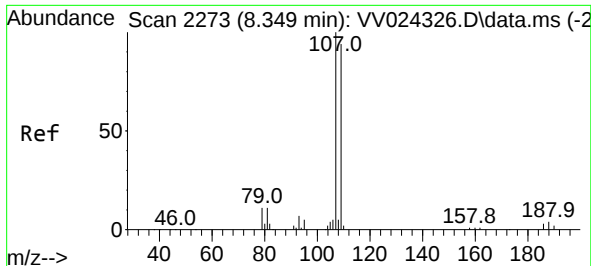
Tgt Ion: 43	Resp: 171941
Ion Ratio	Lower Upper
43 100	
58 57.8	45.0 67.4
57 19.8	16.9 25.3
100 15.2	13.0 19.4



#49
Dibromochloromethane
Concen: 50.837 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

Tgt Ion:129	Resp: 107321		
Ion Ratio	Lower	Upper	
129 100			
127 75.2	53.7	99.7	





#50

1,2-Dibromoethane

Concen: 53.001 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024342.D

Acq: 12 Jan 2022 19:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD050382

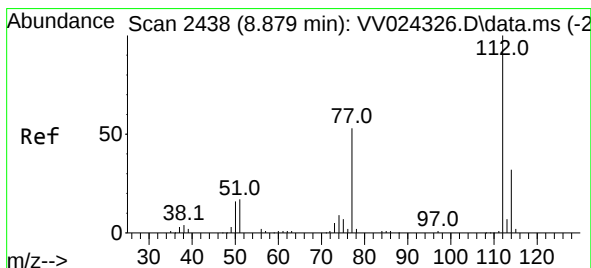
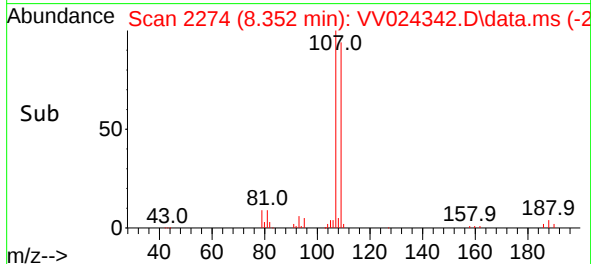
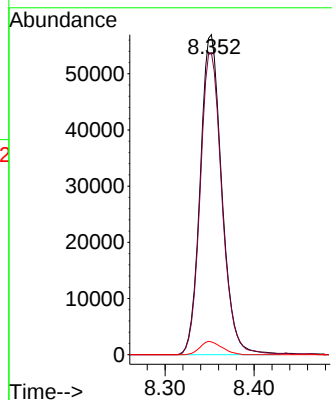
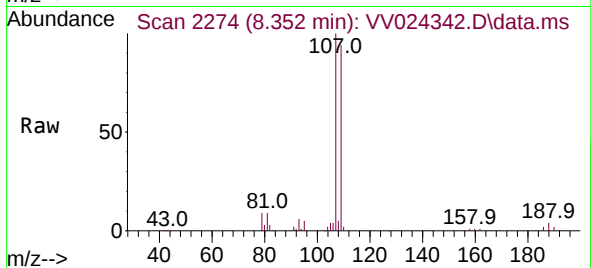
Tgt Ion:107 Resp: 95876

Ion Ratio Lower Upper

107 100

109 94.3 65.8 122.2

188 4.0 3.8 5.6



#51

Chlorobenzene

Concen: 51.715 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV024342.D

Acq: 12 Jan 2022 19:57

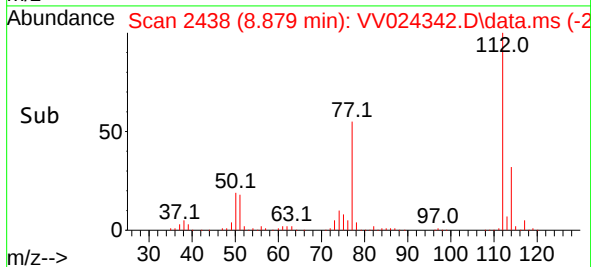
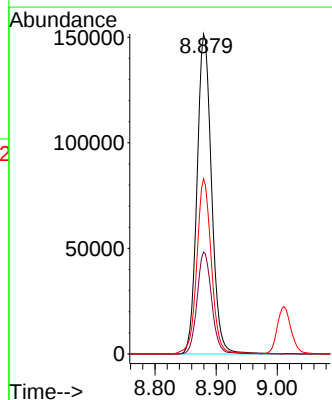
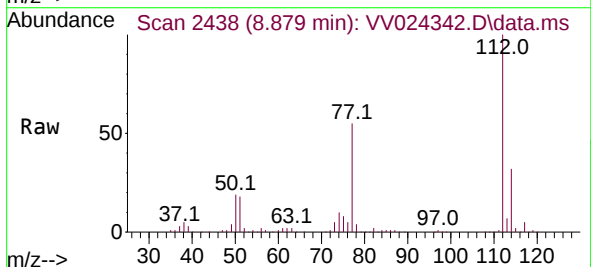
Tgt Ion:112 Resp: 249738

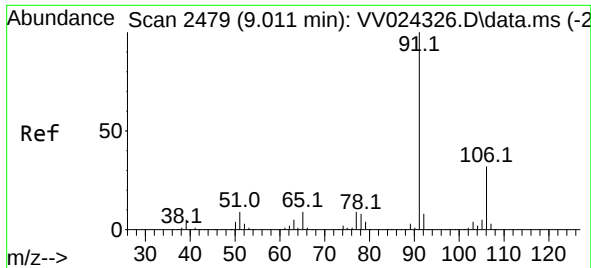
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 54.8 42.8 64.2

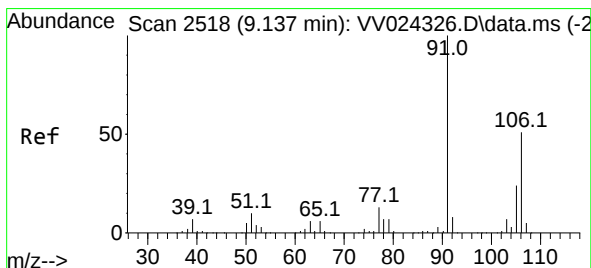
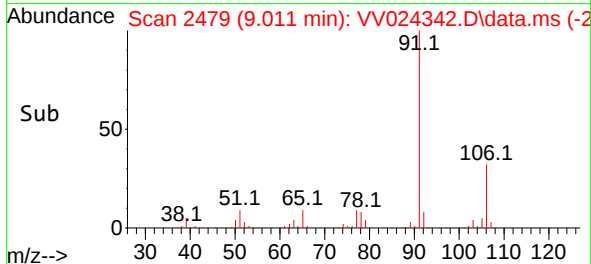
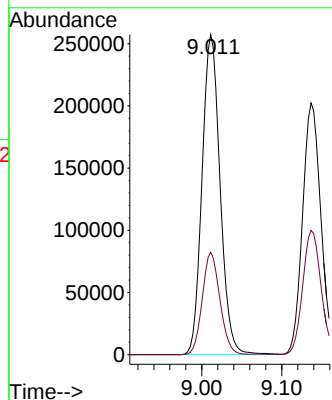
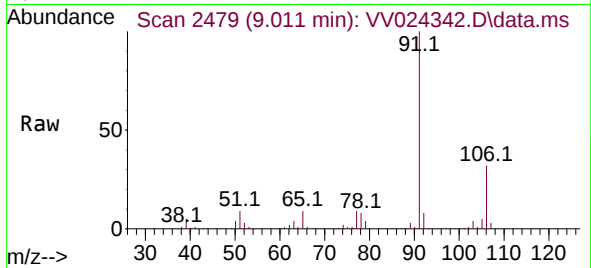




#52
Ethylbenzene
Concen: 52.811 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

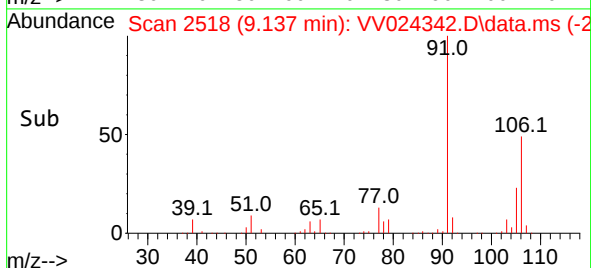
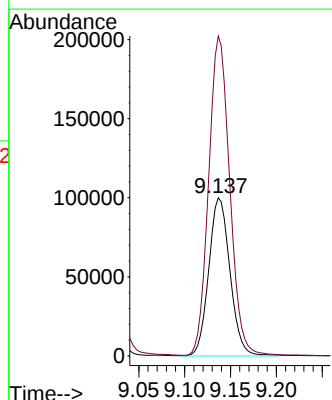
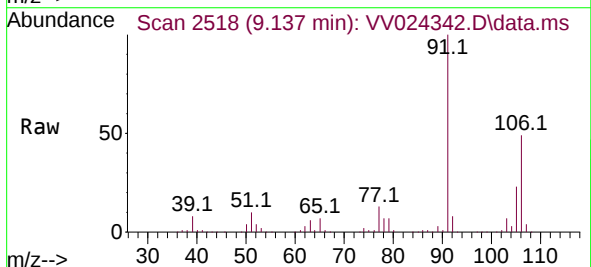
Instrument :
MSVOA_V
ClientSampleId :
VSTD050382

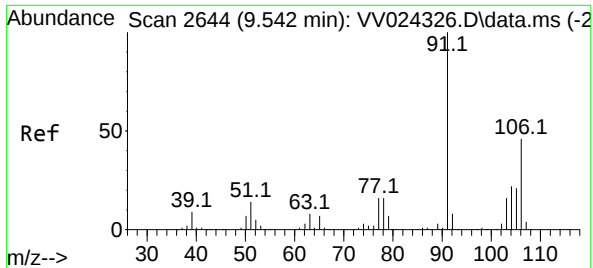
Tgt Ion: 91 Resp: 404507
Ion Ratio Lower Upper
91 100
106 32.0 22.0 41.0



#53
m,p-Xylene
Concen: 52.481 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

Tgt Ion: 106 Resp: 161127
Ion Ratio Lower Upper
106 100
91 202.3 141.8 263.4

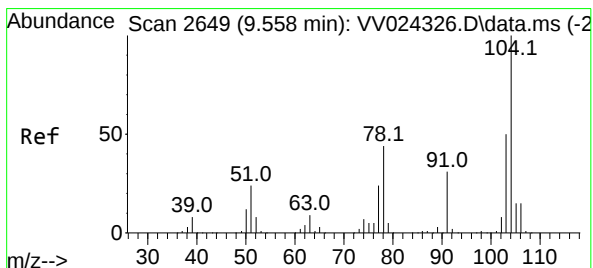
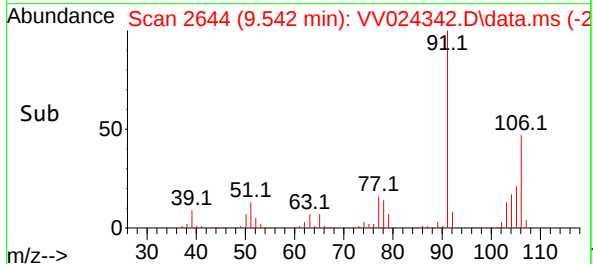
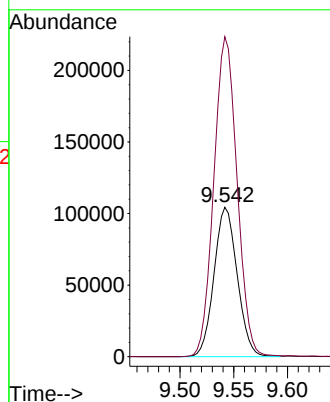
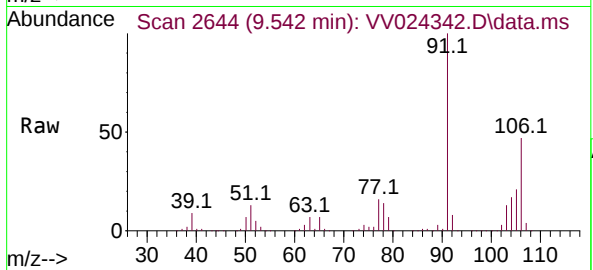




#54
o-Xylene
Concen: 53.504 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

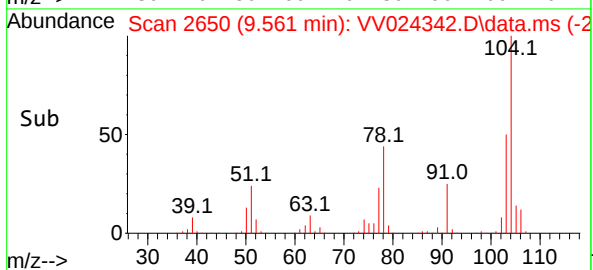
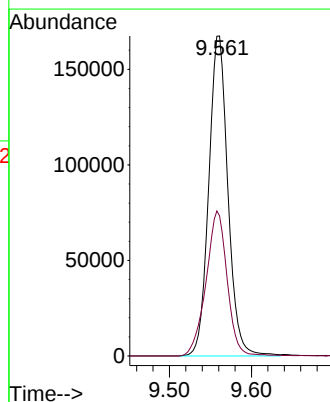
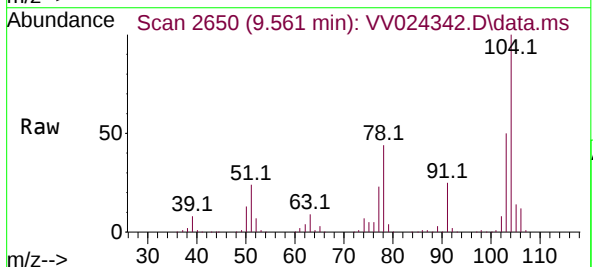
Instrument :
MSVOA_V
ClientSampleId :
VSTD050382

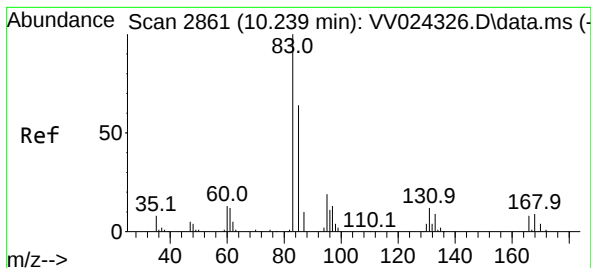
Tgt Ion:106 Resp: 156810
Ion Ratio Lower Upper
106 100
91 214.1 150.9 280.3



#55
Styrene
Concen: 53.337 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

Tgt Ion:104 Resp: 271462
Ion Ratio Lower Upper
104 100
78 43.8 31.5 58.5

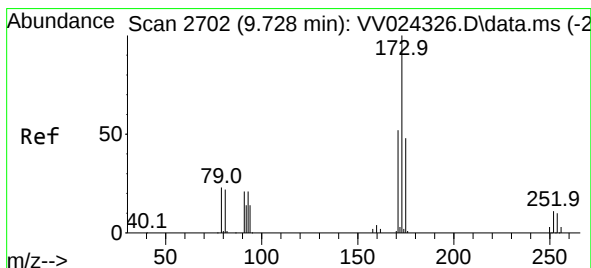
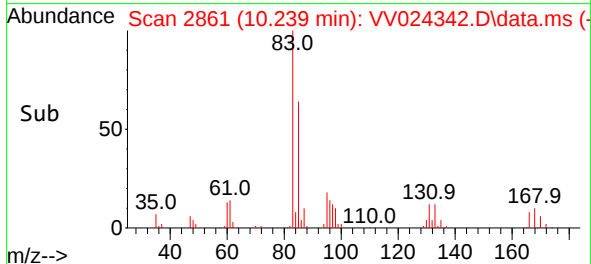
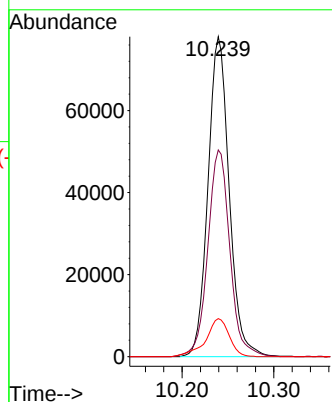
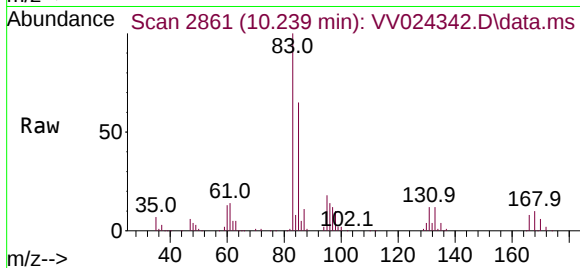




#57
 1,1,2,2-Tetrachloroethane
 Concen: 50.904 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV024342.D
 Acq: 12 Jan 2022 19:57

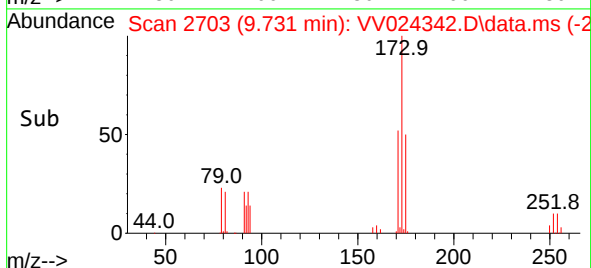
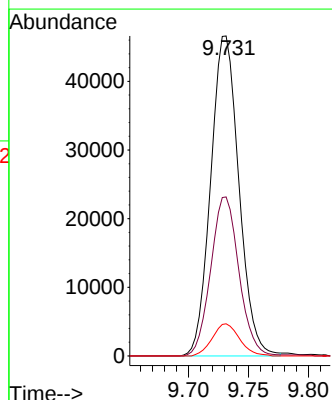
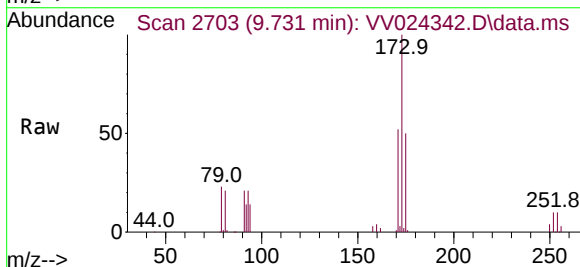
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050382

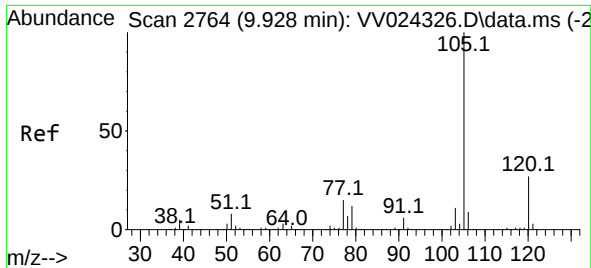
Tgt Ion: 83 Resp: 125184
 Ion Ratio Lower Upper
 83 100
 85 64.6 44.5 82.7
 131 11.9 9.2 13.8



#59
 Bromoform
 Concen: 48.002 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV024342.D
 Acq: 12 Jan 2022 19:57

Tgt Ion: 173 Resp: 76276
 Ion Ratio Lower Upper
 173 100
 175 49.7 39.4 59.2
 254 9.7 7.8 11.6

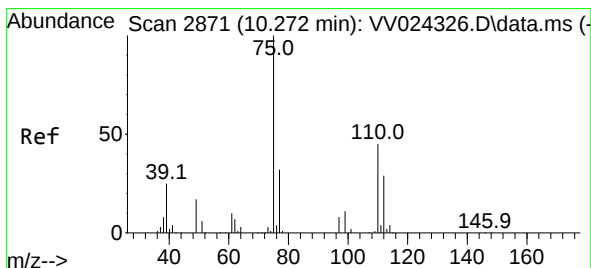
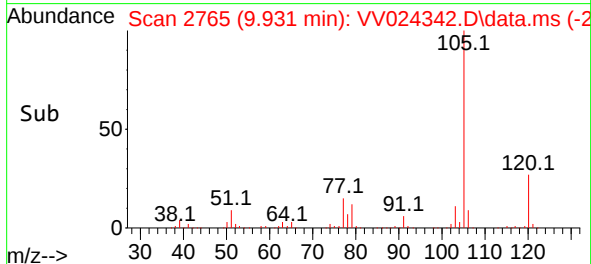
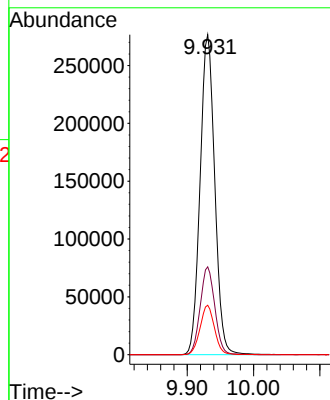
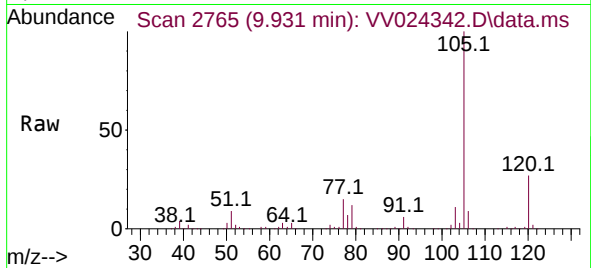




#60
Isopropylbenzene
Concen: 55.030 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

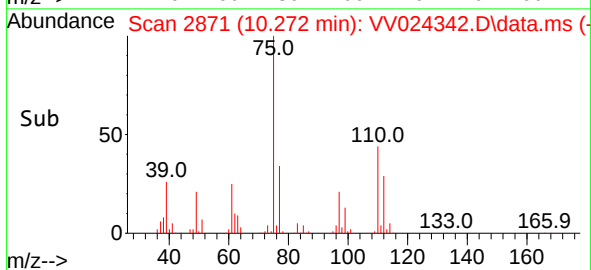
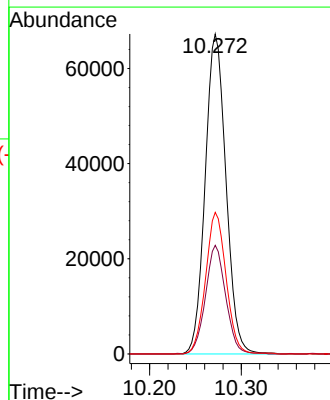
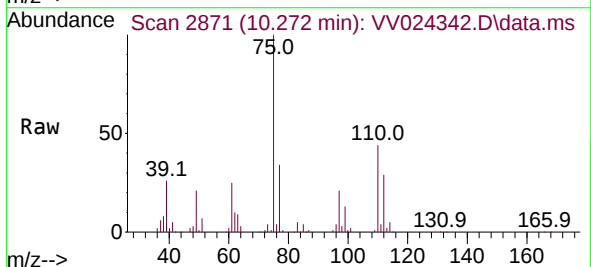
Instrument :
MSVOA_V
ClientSampleId :
VSTD050382

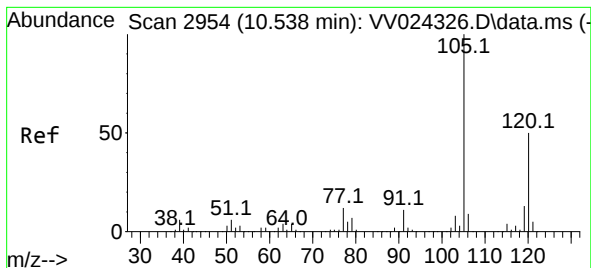
Tgt Ion:105 Resp: 424349
Ion Ratio Lower Upper
105 100
120 27.4 21.9 32.9
77 15.2 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 51.735 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

Tgt Ion: 75 Resp: 105863
Ion Ratio Lower Upper
75 100
77 32.9 26.9 40.3
110 43.6 37.1 55.7





#62

1,3,5-Trimethylbenzene

Concen: 54.930 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024342.D

Acq: 12 Jan 2022 19:57

Instrument :

MSVOA_V

ClientSampleId :

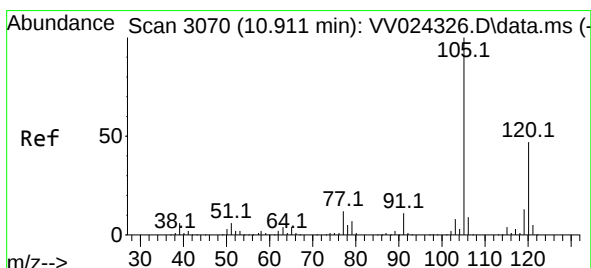
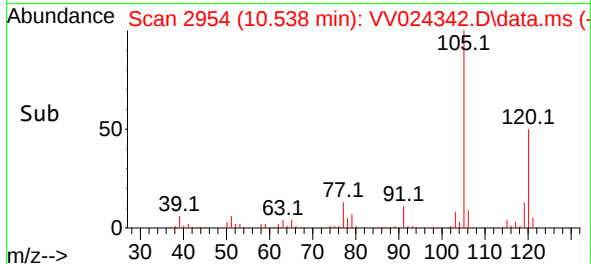
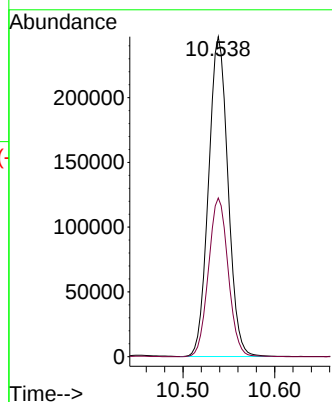
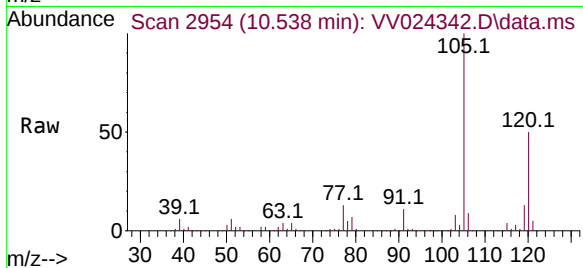
VSTD050382

Tgt Ion:105 Resp: 364353

Ion Ratio Lower Upper

105 100

120 50.2 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 55.878 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV024342.D

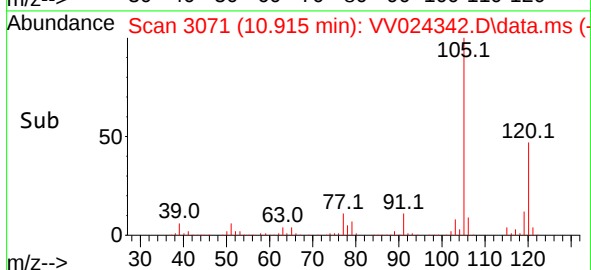
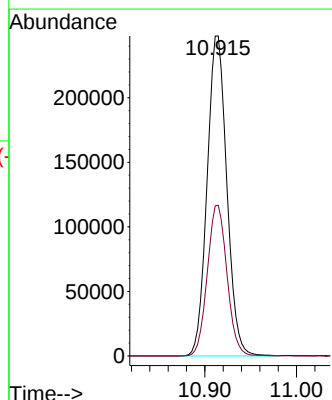
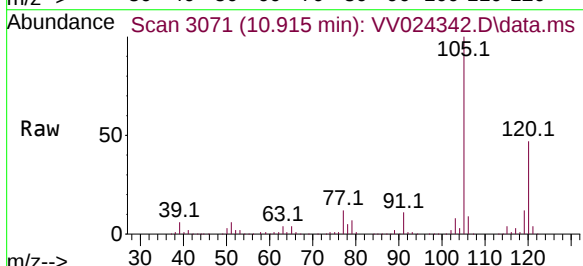
Acq: 12 Jan 2022 19:57

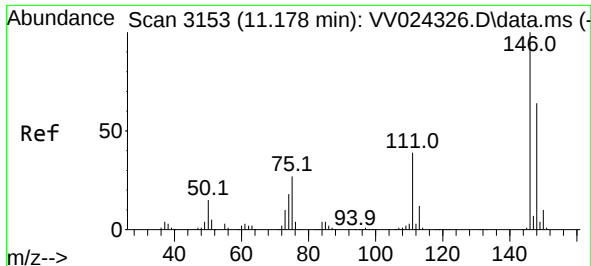
Tgt Ion:105 Resp: 370030

Ion Ratio Lower Upper

105 100

120 47.0 36.6 55.0

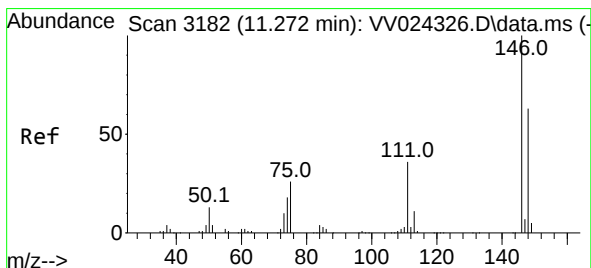
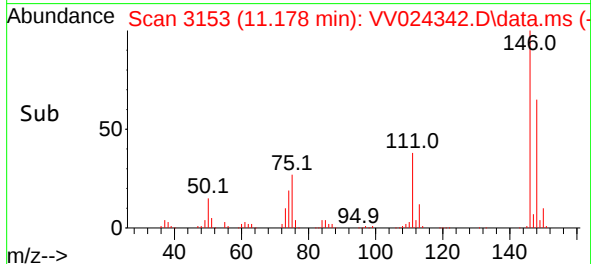
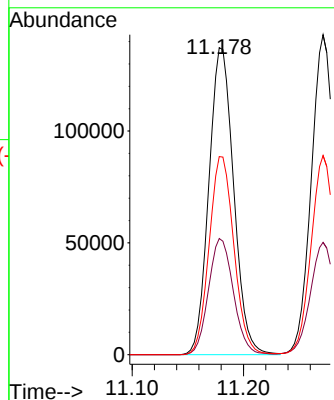
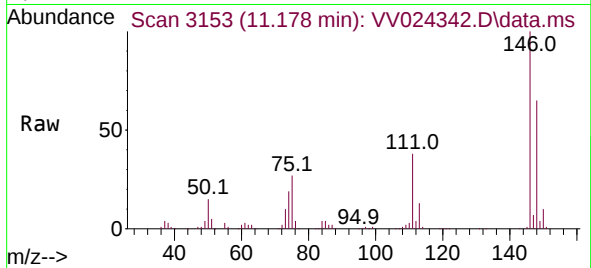




#64
1,3-Dichlorobenzene
Concen: 53.501 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

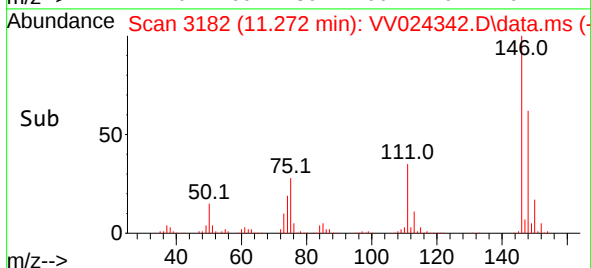
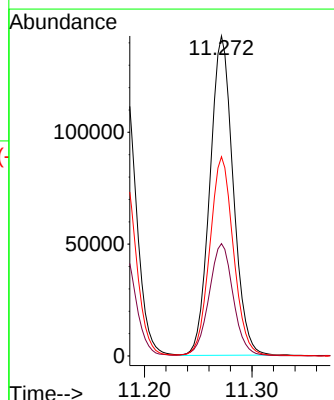
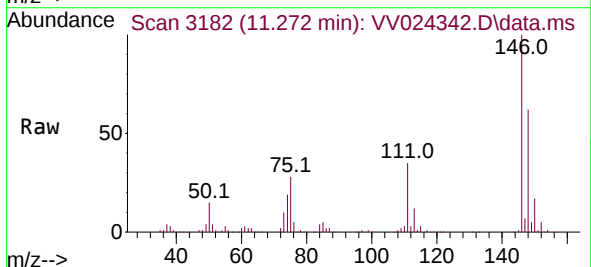
Instrument :
MSVOA_V
ClientSampleId :
VSTD050382

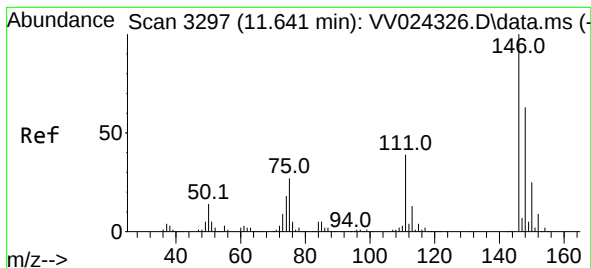
Tgt Ion:146 Resp: 212719
Ion Ratio Lower Upper
146 100
111 37.8 26.5 49.3
148 64.5 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 52.332 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024342.D
Acq: 12 Jan 2022 19:57

Tgt Ion:146 Resp: 214580
Ion Ratio Lower Upper
146 100
111 35.1 26.5 49.3
148 62.2 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 52.121 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV024342.D

Acq: 12 Jan 2022 19:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD050382

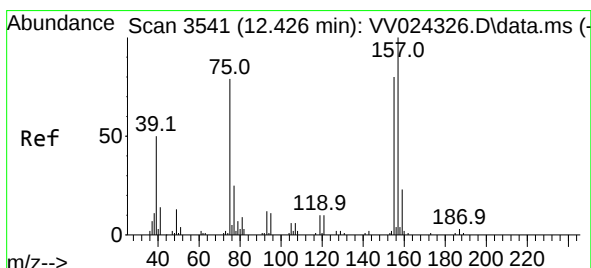
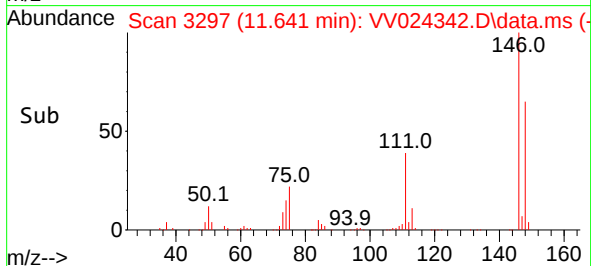
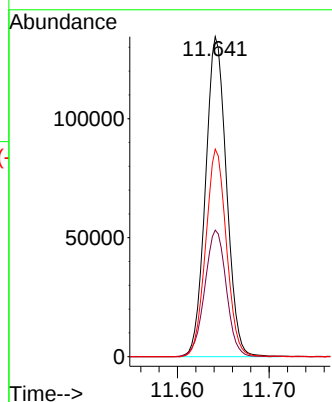
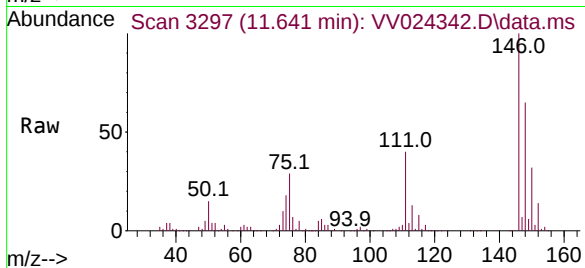
Tgt Ion:146 Resp: 213577

Ion Ratio Lower Upper

146 100

111 39.5 32.0 48.0

148 64.9 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 48.547 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV024342.D

Acq: 12 Jan 2022 19:57

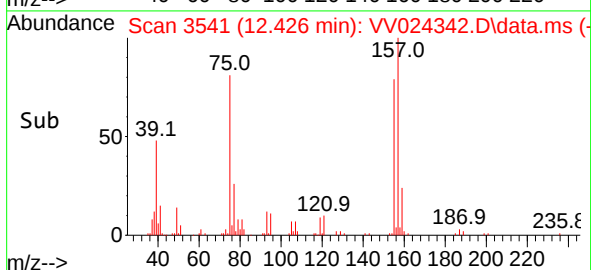
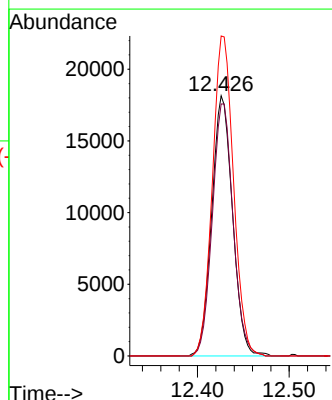
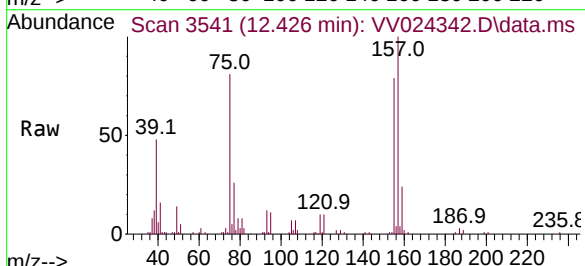
Tgt Ion: 75 Resp: 28611

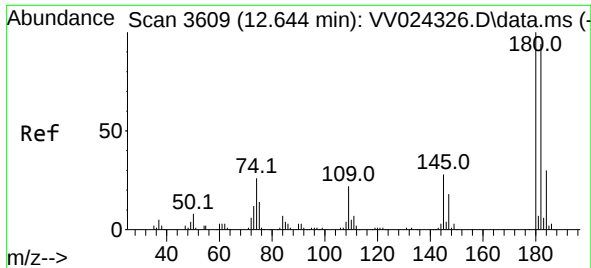
Ion Ratio Lower Upper

75 100

155 96.8 73.2 109.8

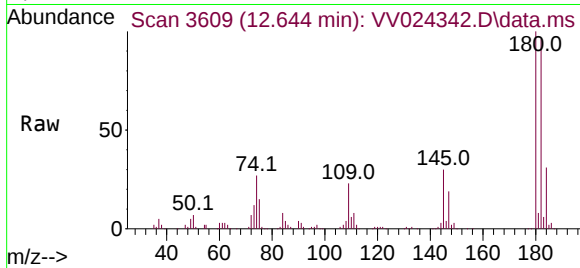
157 123.0 98.5 147.7



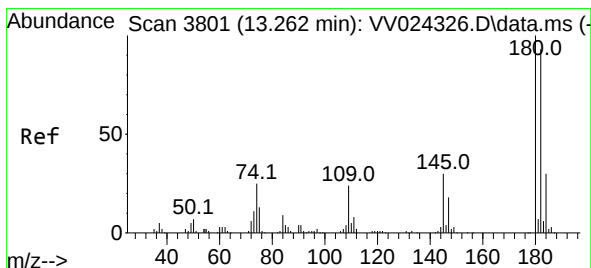
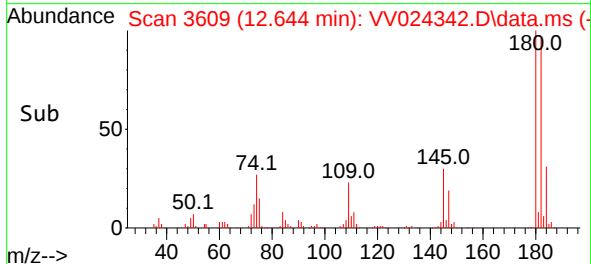
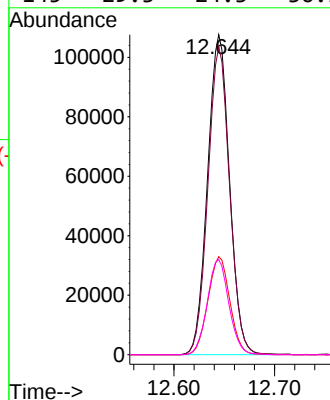


#69
 1,3,5-Trichlorobenzene
 Concen: 53.333 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV024342.D
 Acq: 12 Jan 2022 19:57

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050382

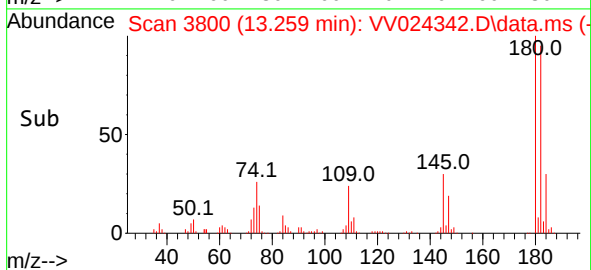
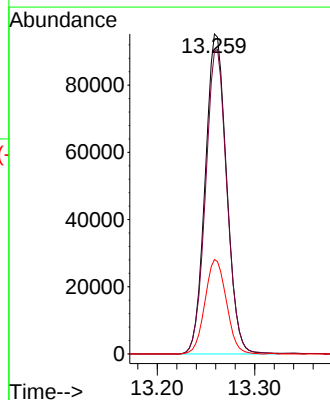
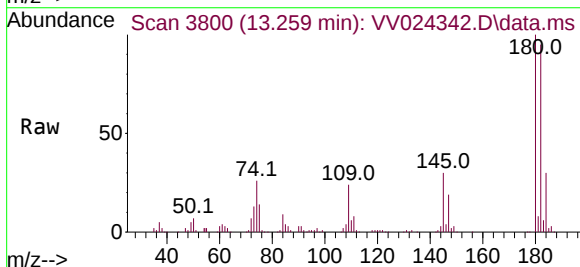


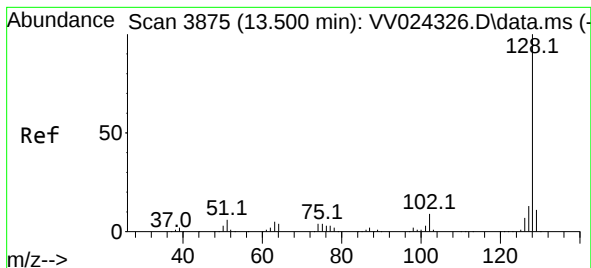
Tgt Ion:180 Resp: 163106
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.4 113.2
 184 30.6 24.7 37.1
 145 29.3 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 55.505 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.003 min
 Lab File: VV024342.D
 Acq: 12 Jan 2022 19:57

Tgt Ion:180 Resp: 145175
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.6 113.4
 145 29.6 23.9 35.9





#71

Naphthalene

Concen: 56.612 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV024342.D

Acq: 12 Jan 2022 19:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD050382

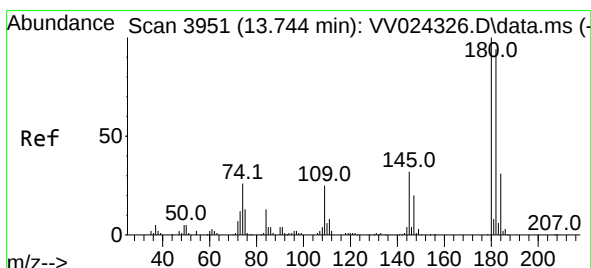
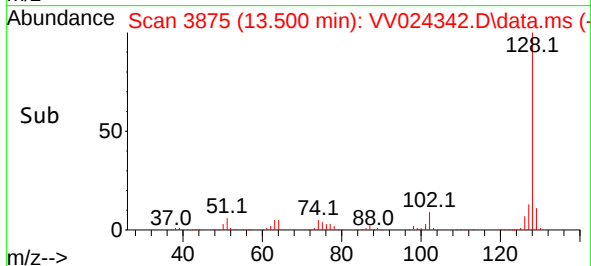
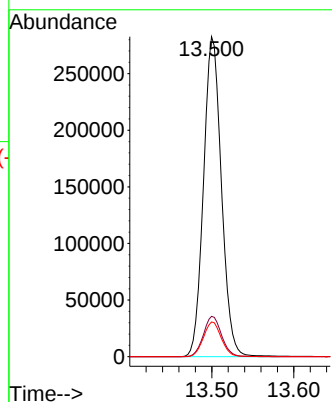
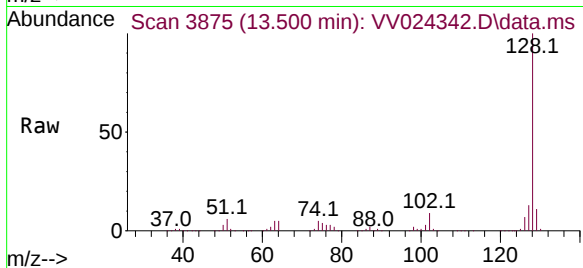
Tgt Ion:128 Resp: 428393

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 53.485 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV024342.D

Acq: 12 Jan 2022 19:57

Tgt Ion:180 Resp: 144580

Ion Ratio Lower Upper

180 100

182 95.6 76.1 114.1

145 31.4 25.0 37.4

