

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021422\
 Data File : VW024664.D
 Acq On : 14 Feb 2022 20:19
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 15 06:31:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 15 06:26:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124255	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	128949	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66173	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	51994	4.992	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.800%	
7) Chloroethane-d5	1.571	69	48090	5.461	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	109.200%	
11) 1,1-Dichloroethene-d2	2.114	63	124286	5.455	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	109.200%	
20) 2-Butanone-d5	3.905	46	101743	58.843	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.680%	
24) Chloroform-d	4.352	84	102484	5.591	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.800%	
26) 1,2-Dichloroethane-d4	5.037	65	46972	5.647	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.000%	
32) Benzene-d6	5.053	84	205153	5.607	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	112.200%	
36) 1,2-Dichloropropane-d6	6.069	67	60954	5.357	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.200%	
41) Toluene-d8	7.317	98	191369	5.608	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.200%	
43) trans-1,3-Dichloroprop...	7.622	79	22793	4.960	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.200%	
46) 2-Hexanone-d5	8.088	63	87398	53.982	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.960%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36111	5.330	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	59151	5.545	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	87542	5.362	ug/L	98
3) Chloromethane	1.243	50	88774	5.526	ug/L	98
5) Vinyl chloride	1.314	62	96076	5.553	ug/L	100
6) Bromomethane	1.526	94	57108	5.362	ug/L	99
8) Chloroethane	1.587	64	60014	5.663	ug/L	97
9) Trichlorofluoromethane	1.757	101	131187	5.611	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	71886	5.515	ug/L #	86
12) 1,1-Dichloroethene	2.124	96	71174	5.532	ug/L	92
13) Acetone	2.198	43	81690	59.868	ug/L	75
14) Carbon disulfide	2.298	76	209604	5.126	ug/L	99
15) Methyl Acetate	2.445	43	21703	5.562	ug/L	97
16) Methylene chloride	2.510	84	67480	5.294	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	147010	5.545	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	69484	5.497	ug/L	93
19) 1,1-Dichloroethane	3.191	63	127704	5.850	ug/L	98
21) 2-Butanone	3.982	43	139269	61.585	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	74248	5.827	ug/L	91
23) Bromochloromethane	4.252	128	28707	5.932	ug/L	86
25) Chloroform	4.378	83	132635	5.805	ug/L	99

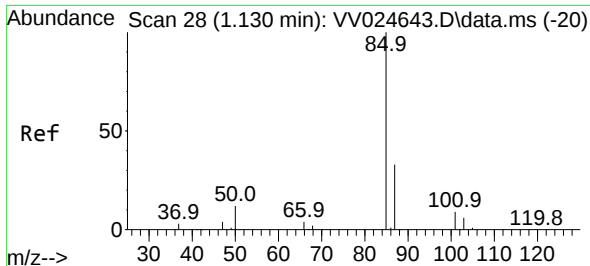
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021422\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 15 06:26:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	74545	5.951	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	118162	5.586	ug/L	97
30) Cyclohexane	4.680	56	119770	5.496	ug/L	95
31) Carbon tetrachloride	4.831	117	98594	5.503	ug/L	99
33) Benzene	5.101	78	293255	5.827	ug/L	100
34) Trichloroethene	5.915	95	78268	5.648	ug/L	88
35) Methylcyclohexane	6.133	83	121647	5.306	ug/L	98
37) 1,2-Dichloropropane	6.172	63	71462	5.858	ug/L #	96
38) Bromodichloromethane	6.510	83	89267	5.506	ug/L #	96
39) cis-1,3-Dichloropropene	7.027	75	102545	5.517	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	359642	57.132	ug/L	98
42) Toluene	7.387	91	318418	5.808	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	85072	5.540	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	46399	5.870	ug/L	98
47) Tetrachloroethene	7.976	164	48590	5.285	ug/L	89
48) 2-Hexanone	8.140	43	257034	59.650	ug/L	98
49) Dibromochloromethane	8.246	129	52646	5.515	ug/L	97
50) 1,2-Dibromoethane	8.352	107	42773	5.765	ug/L #	91
51) Chlorobenzene	8.879	112	195128	5.808	ug/L	94
52) Ethylbenzene	9.011	91	344727	5.651	ug/L	97
53) m,p-xylene	9.137	106	131086	5.673	ug/L	95
54) o-xylene	9.542	106	128021	5.746	ug/L	96
55) Styrene	9.558	104	211430	5.781	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	45970	5.741	ug/L #	99
59) Bromoform	9.731	173	22915	5.420	ug/L	98
60) Isopropylbenzene	9.931	105	341645	5.692	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	37293	5.717	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	288356	5.611	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	287858	5.634	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	136105	5.571	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	135848	5.599	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	124098	5.722	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	7045	5.560	ug/L #	72
69) 1,3,5-Trichlorobenzene	12.641	180	93436	5.376	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	75171	5.356	ug/L	96
71) Naphthalene	13.500	128	137588	5.412	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	64273	5.445	ug/L	98

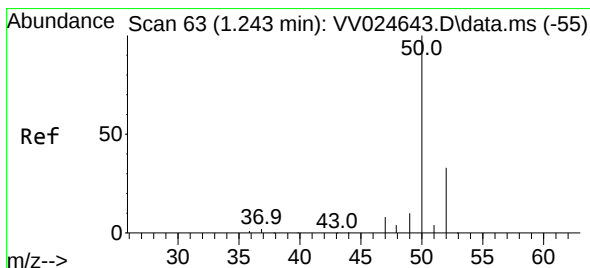
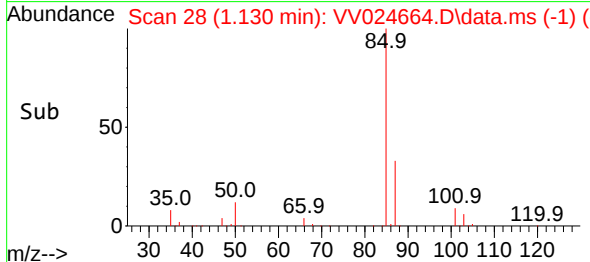
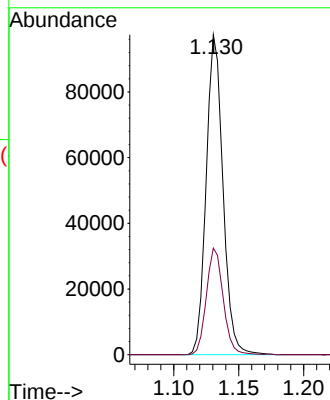
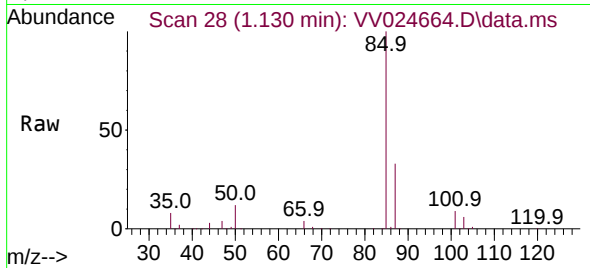
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.362 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024664.D
 Acq: 14 Feb 2022 20:19

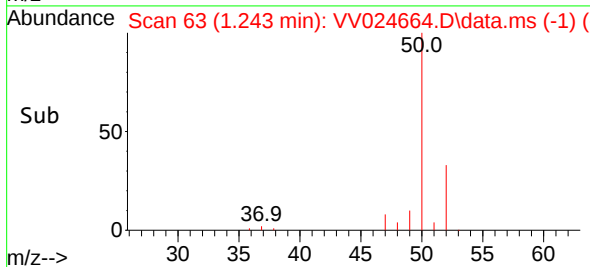
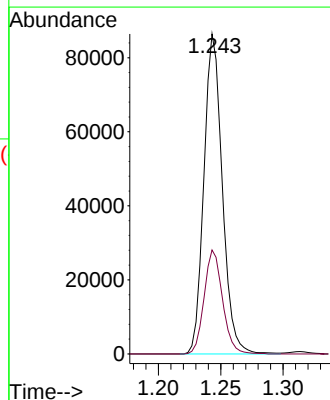
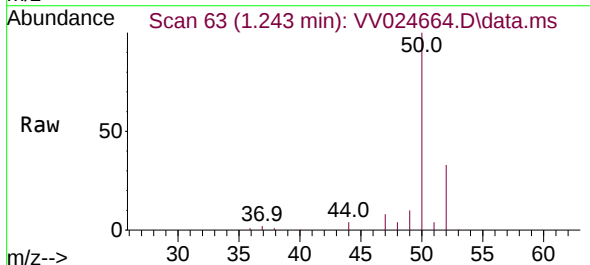
Instrument :
 MSVOA_V
 ClientSampleId :

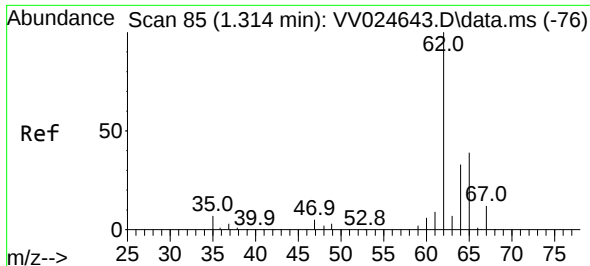
Tgt Ion: 85 Resp: 87542
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.0 39.0



#3
 Chloromethane
 Concen: 5.526 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024664.D
 Acq: 14 Feb 2022 20:19

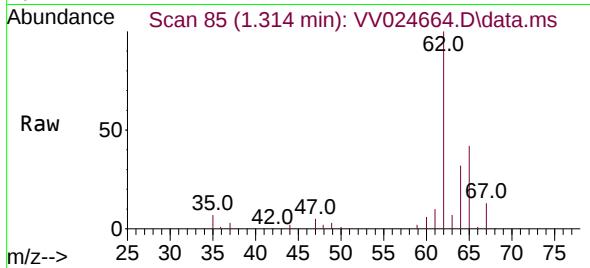
Tgt Ion: 50 Resp: 88774
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.0 41.0



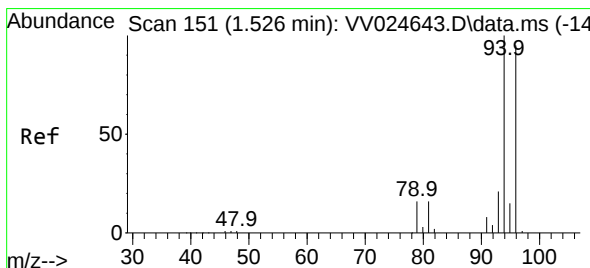
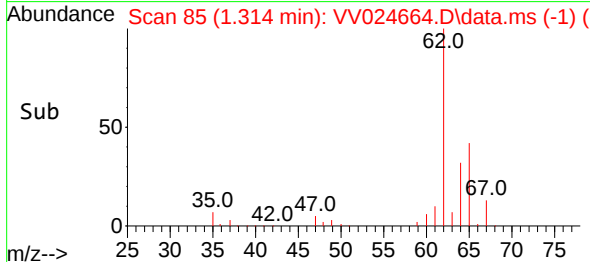
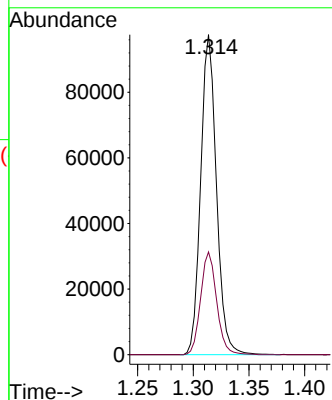


#5
 Vinyl chloride
 Concen: 5.553 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV024664.D
 Acq: 14 Feb 2022 20:19

Instrument :
 MSVOA_V
 ClientSampleId :

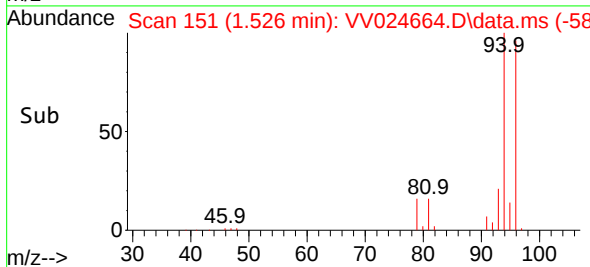
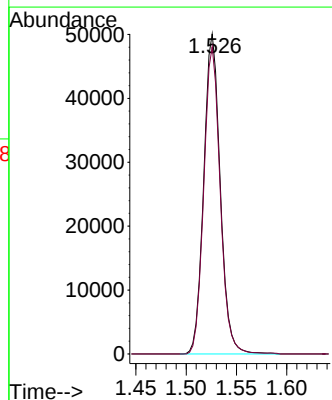
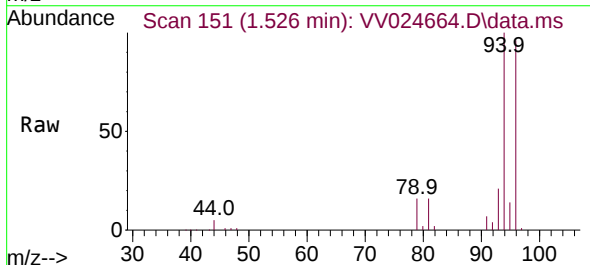


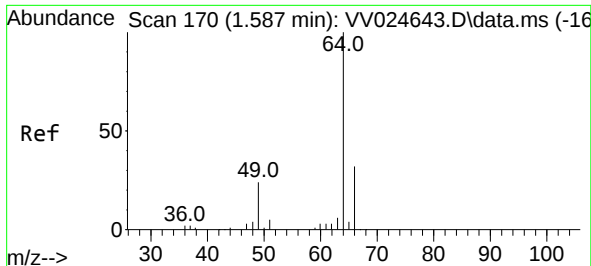
Tgt Ion: 62 Resp: 96076
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.4 41.6



#6
 Bromomethane
 Concen: 5.362 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV024664.D
 Acq: 14 Feb 2022 20:19

Tgt Ion: 94 Resp: 57108
 Ion Ratio Lower Upper
 94 100
 96 96.0 66.2 123.0

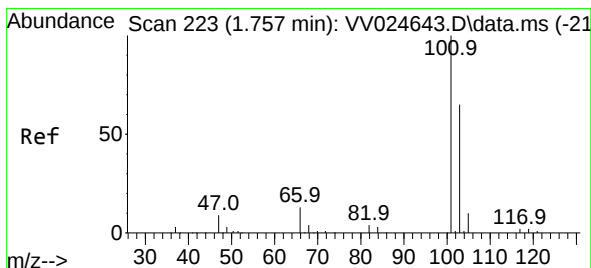
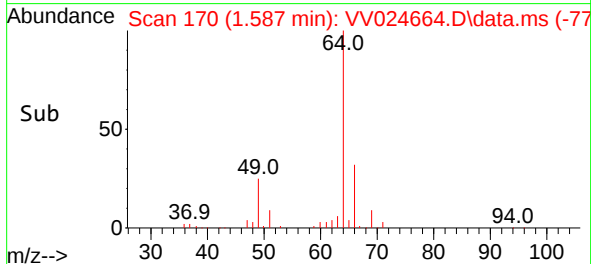
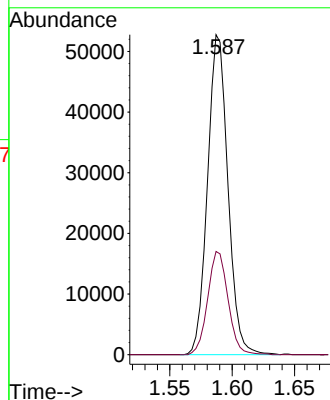
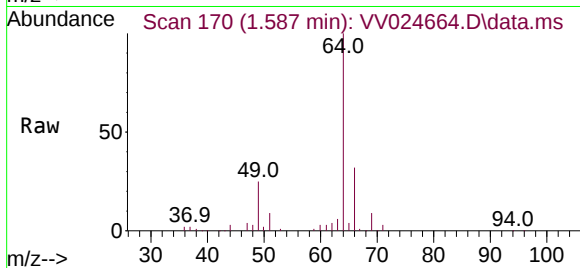




#8
Chloroethane
Concen: 5.663 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19

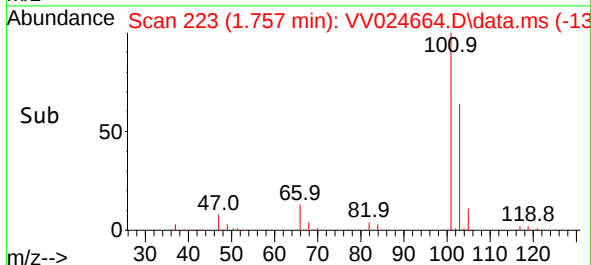
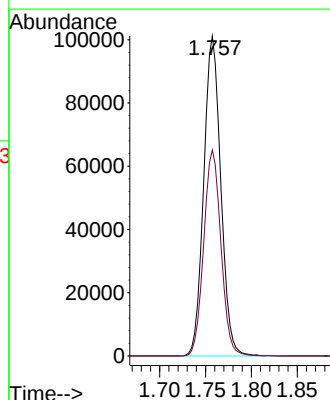
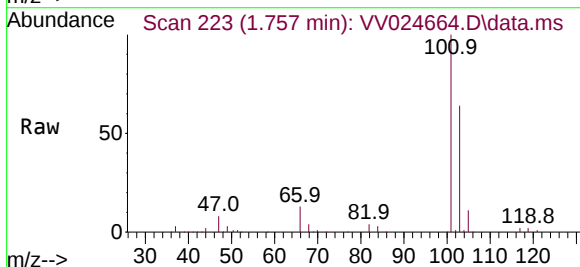
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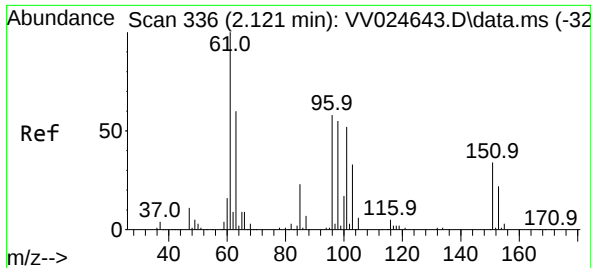
Tgt Ion: 64 Resp: 60014
Ion Ratio Lower Upper
64 100
66 32.3 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.611 ug/L
RT: 1.757 min Scan# 223
Delta R.T. -0.000 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19

Tgt Ion:101 Resp: 131187
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4

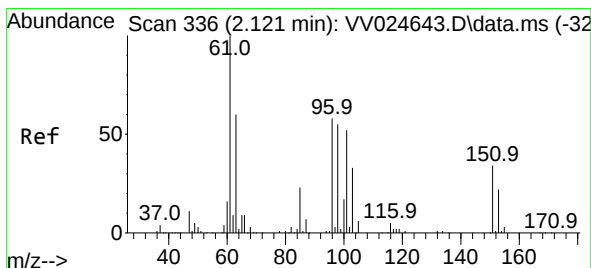
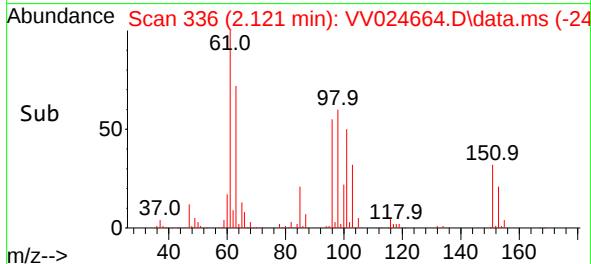
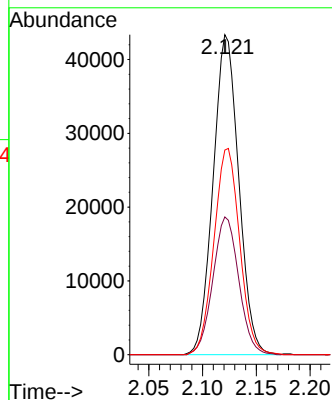
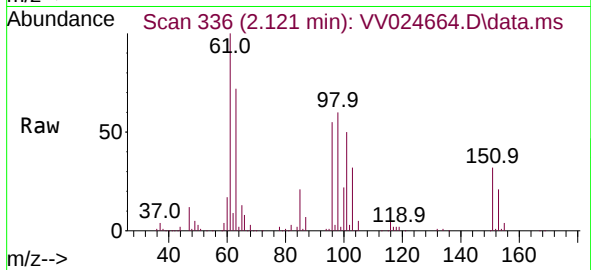




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.515 ug/L
 RT: 2.121 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV024664.D
 Acq: 14 Feb 2022 20:19

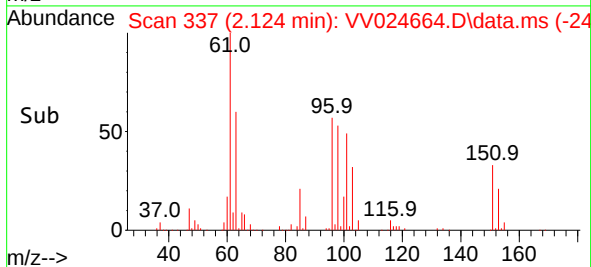
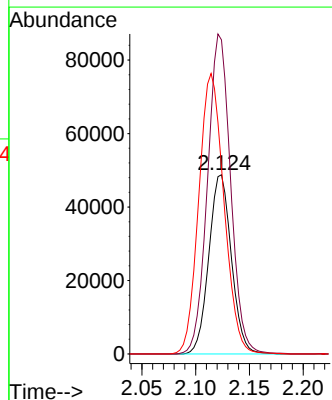
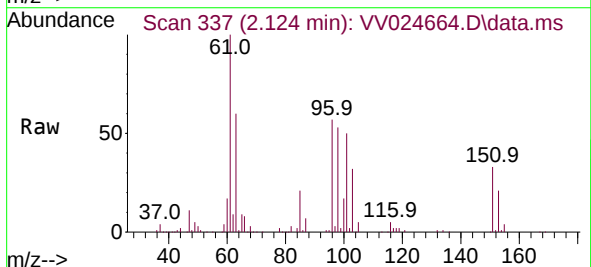
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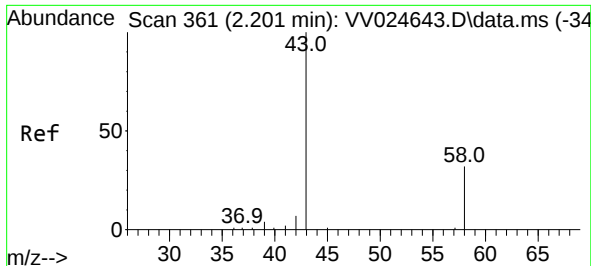
Tgt Ion:101 Resp: 71886
 Ion Ratio Lower Upper
 101 100
 85 43.5 36.0 54.0
 151 64.8 66.4 99.6#



#12
 1,1-Dichloroethene
 Concen: 5.532 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VV024664.D
 Acq: 14 Feb 2022 20:19

Tgt Ion: 96 Resp: 71174
 Ion Ratio Lower Upper
 96 100
 61 175.2 116.1 215.5
 63 104.4 79.4 147.4





#13

Acetone

Concen: 59.868 ug/L

RT: 2.198 min Scan# 30

Delta R.T. -0.003 min

Lab File: VV024664.D

Acq: 14 Feb 2022 20:19

Instrument :

MSVOA_V

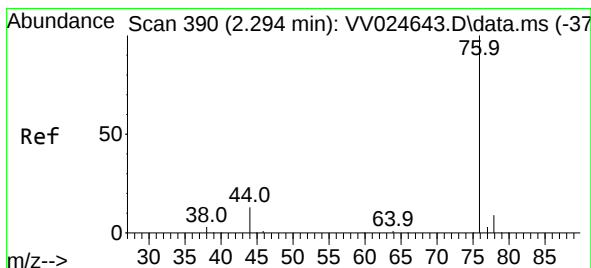
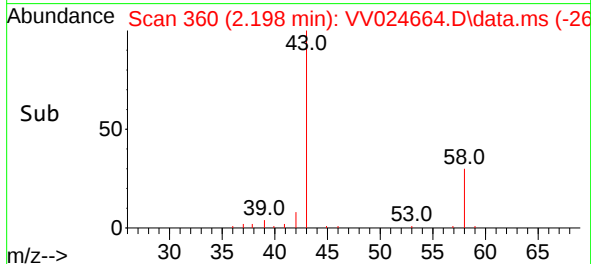
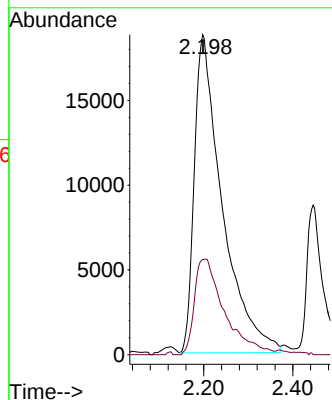
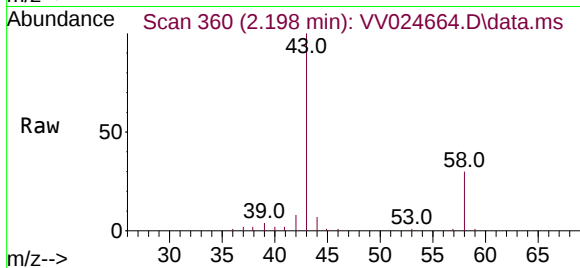
ClientSampleId :

Tgt Ion: 43 Resp: 81690

Ion Ratio Lower Upper

43 100

58 32.2 0.0 41.4



#14

Carbon disulfide

Concen: 5.126 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV024664.D

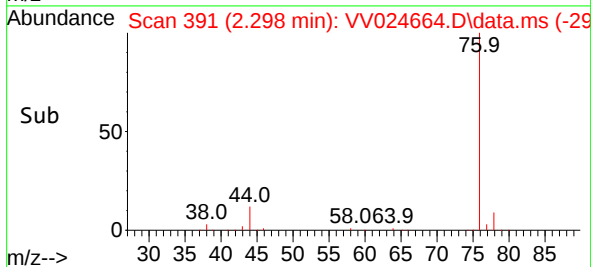
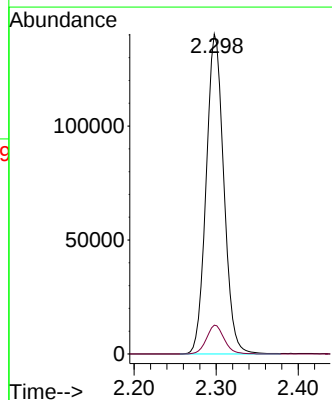
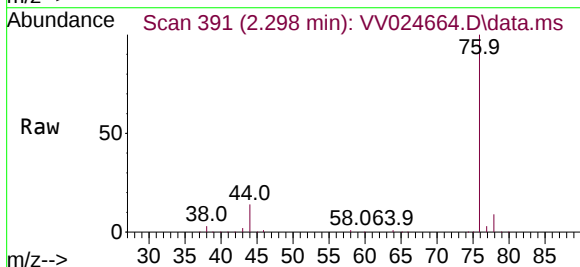
Acq: 14 Feb 2022 20:19

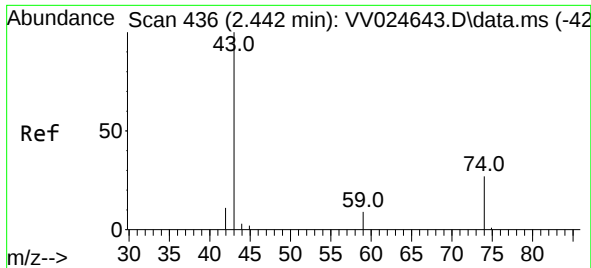
Tgt Ion: 76 Resp: 209604

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





#15

Methyl Acetate

Concen: 5.562 ug/L

RT: 2.445 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV024664.D

Acq: 14 Feb 2022 20:19

Instrument :

MSVOA_V

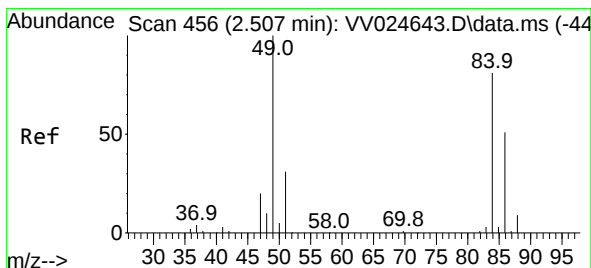
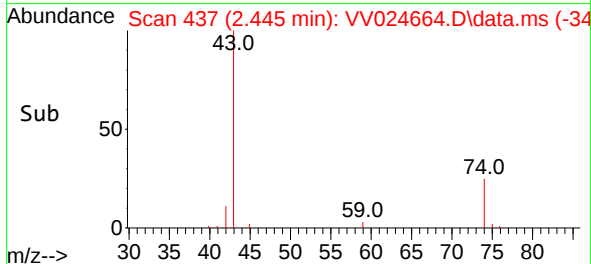
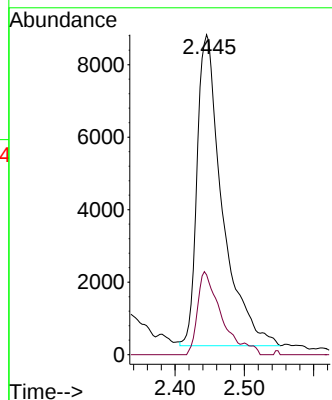
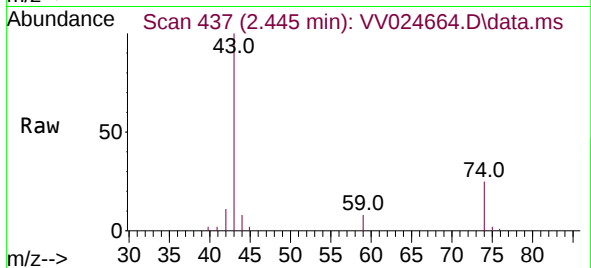
ClientSampleId :

Tgt Ion: 43 Resp: 21703

Ion Ratio Lower Upper

43 100

74 23.5 20.2 30.2



#16

Methylene chloride

Concen: 5.294 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV024664.D

Acq: 14 Feb 2022 20:19

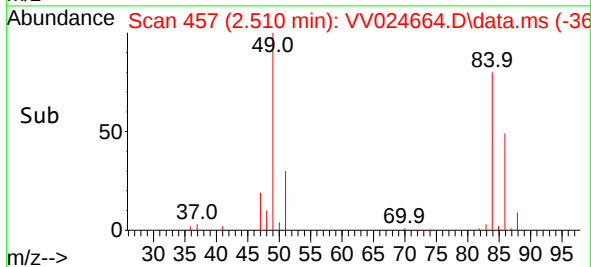
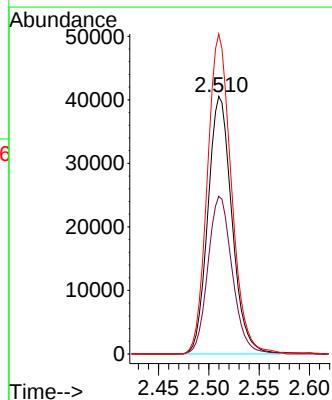
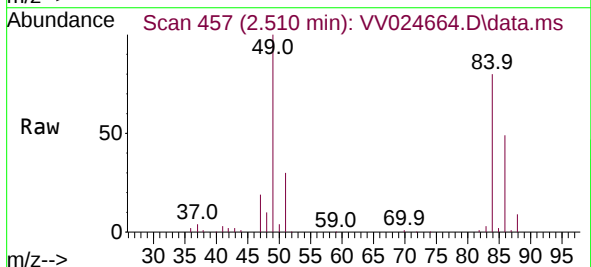
Tgt Ion: 84 Resp: 67480

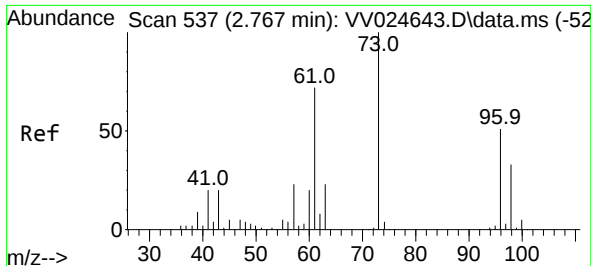
Ion Ratio Lower Upper

84 100

86 61.2 42.6 79.0

49 124.3 79.7 147.9

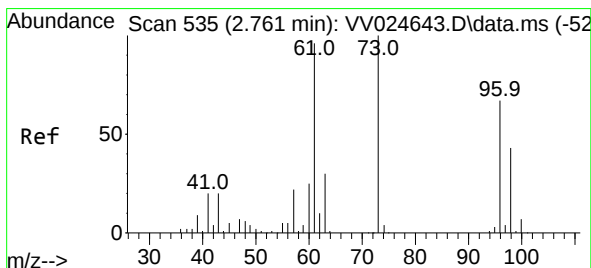
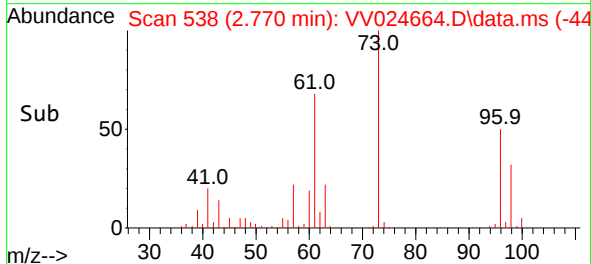
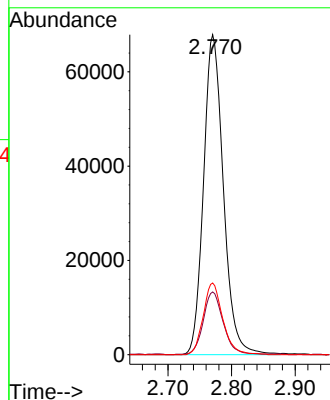
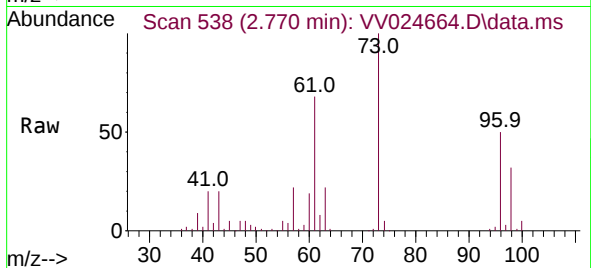




#17
Methyl tert-butyl Ether
Concen: 5.545 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19

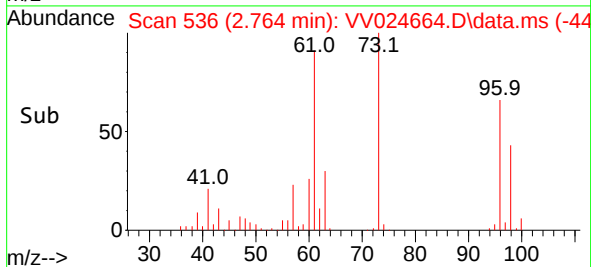
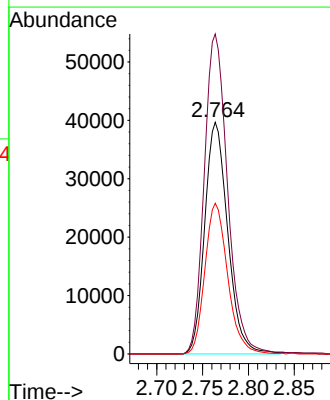
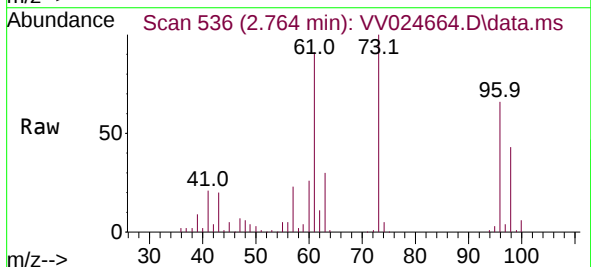
Instrument :
MSVOA_V
ClientSampleId :

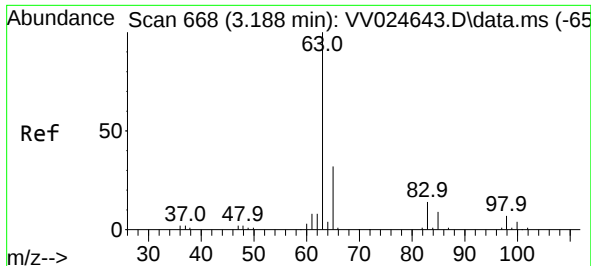
Tgt Ion: 73 Resp: 147010
Ion Ratio Lower Upper
73 100
43 19.9 15.5 23.3
57 22.1 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.497 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19

Tgt Ion: 96 Resp: 69484
Ion Ratio Lower Upper
96 100
61 138.2 88.2 163.8
98 65.1 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.850 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024664.D

Acq: 14 Feb 2022 20:19

Instrument :

MSVOA_V

ClientSampleId :

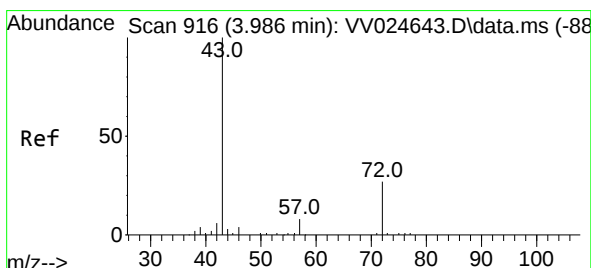
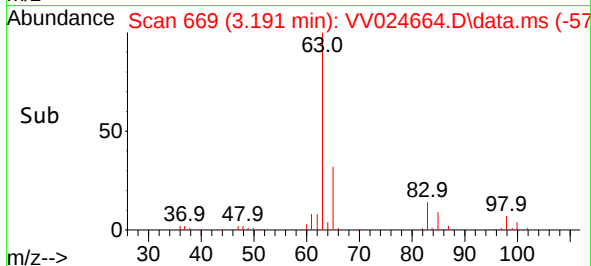
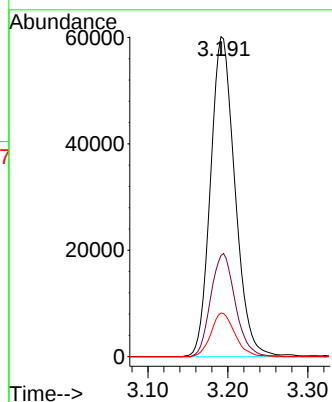
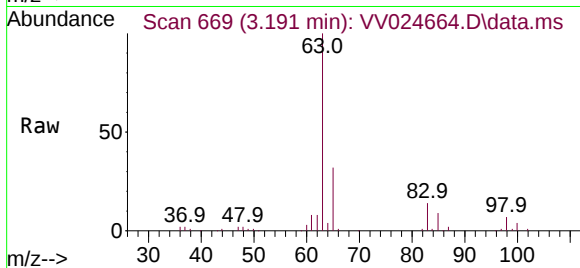
Tgt Ion: 63 Resp: 127704

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.3

83 13.7 10.7 19.9



#21

2-Butanone

Concen: 61.585 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.003 min

Lab File: VV024664.D

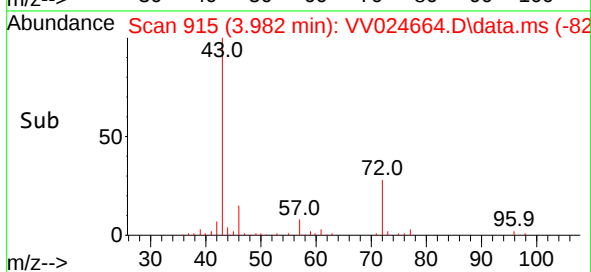
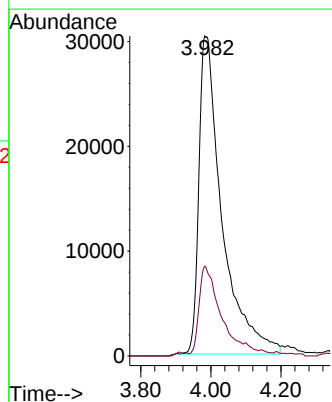
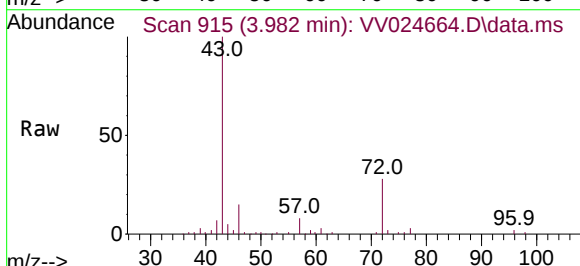
Acq: 14 Feb 2022 20:19

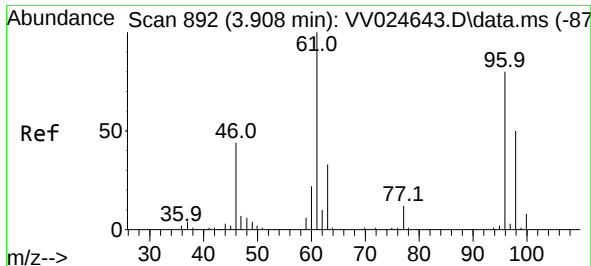
Tgt Ion: 43 Resp: 139269

Ion Ratio Lower Upper

43 100

72 24.2 11.1 33.1

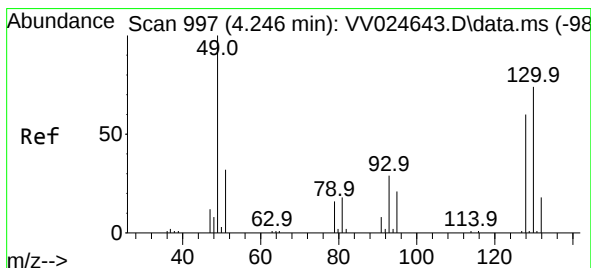
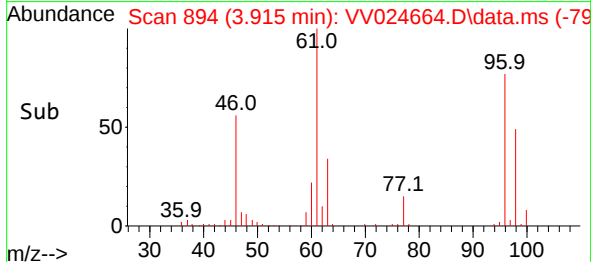
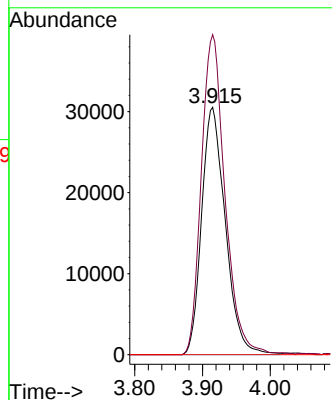
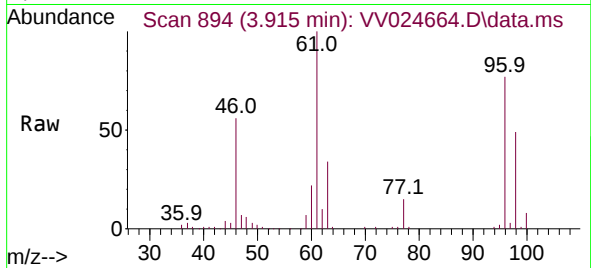




#22
 cis-1,2-Dichloroethene
 Concen: 5.827 ug/L
 RT: 3.915 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV024664.D
 Acq: 14 Feb 2022 20:19

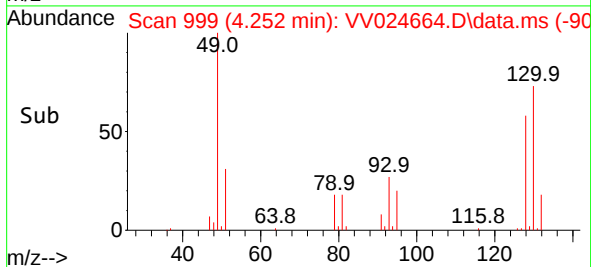
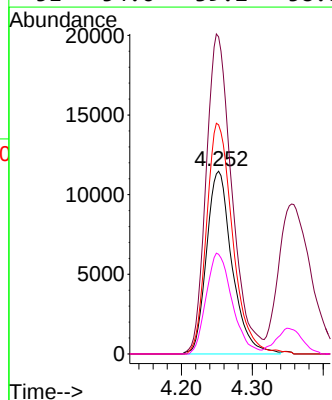
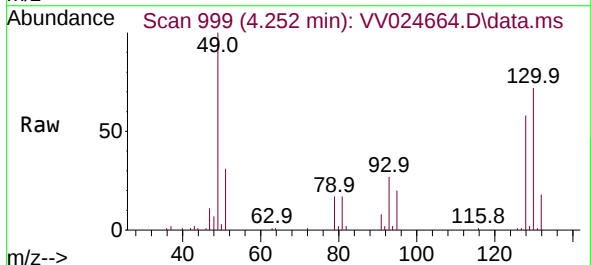
Instrument :
 MSVOA_V
 ClientSampleId :

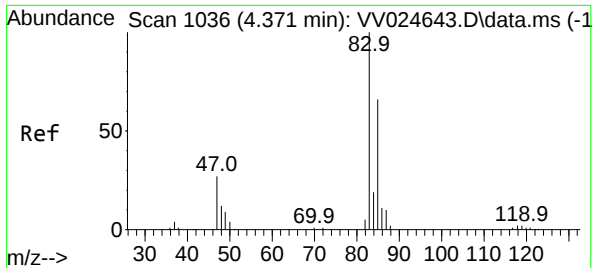
Tgt Ion: 96 Resp: 74248
 Ion Ratio Lower Upper
 96 100
 61 129.4 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.932 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.006 min
 Lab File: VV024664.D
 Acq: 14 Feb 2022 20:19

Tgt Ion: 128 Resp: 28707
 Ion Ratio Lower Upper
 128 100
 49 173.6 100.2 186.2
 130 125.4 92.5 171.7
 51 54.6 39.2 58.8

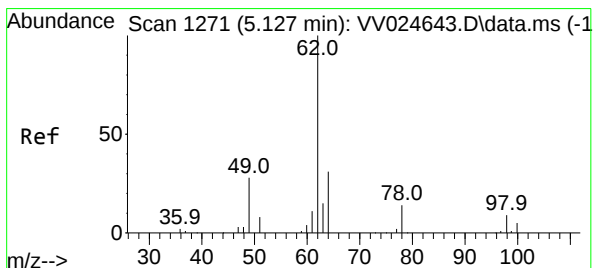
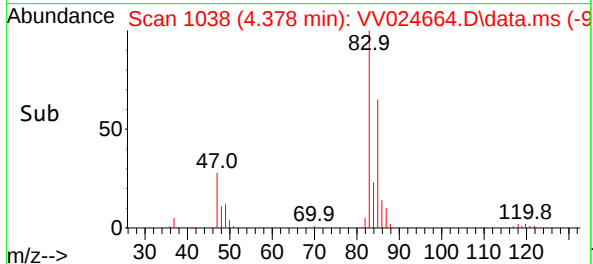
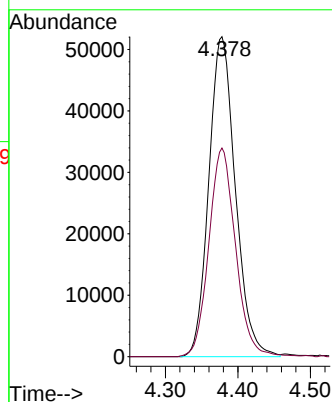
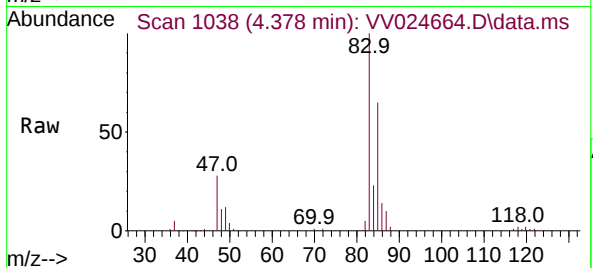




#25
Chloroform
Concen: 5.805 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19

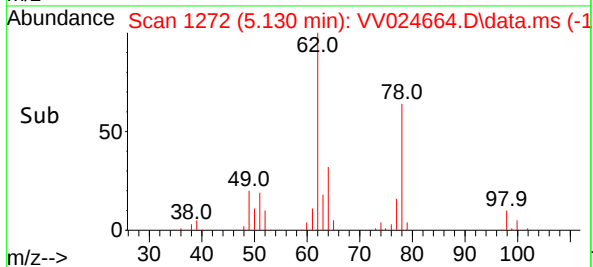
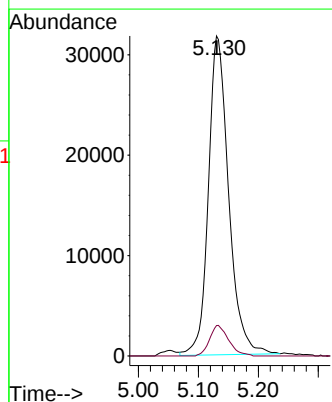
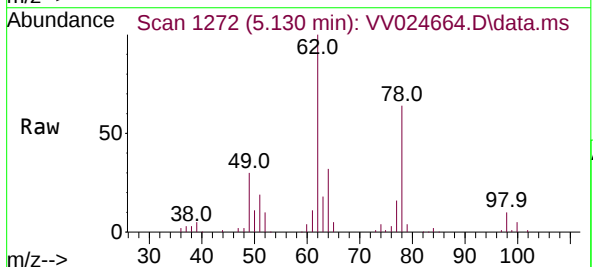
Instrument :
MSVOA_V
ClientSampleId :

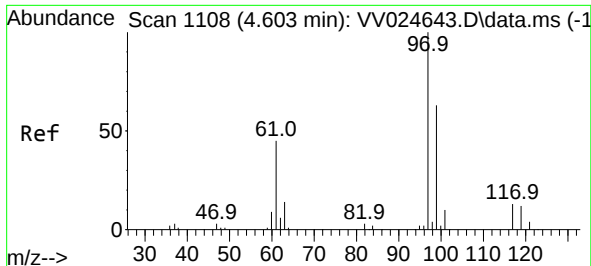
Tgt Ion: 83 Resp: 132635
Ion Ratio Lower Upper
83 100
85 65.2 45.2 84.0



#27
1,2-Dichloroethane
Concen: 5.951 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19

Tgt Ion: 62 Resp: 74545
Ion Ratio Lower Upper
62 100
98 9.5 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.586 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV024664.D

Acq: 14 Feb 2022 20:19

Instrument :

MSVOA_V

ClientSampleId :

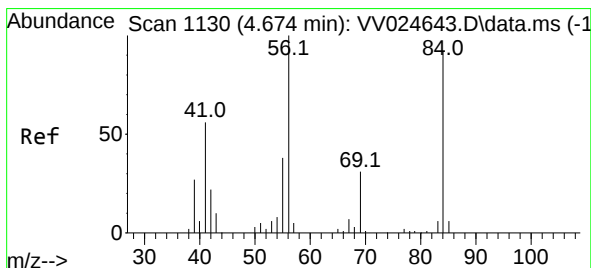
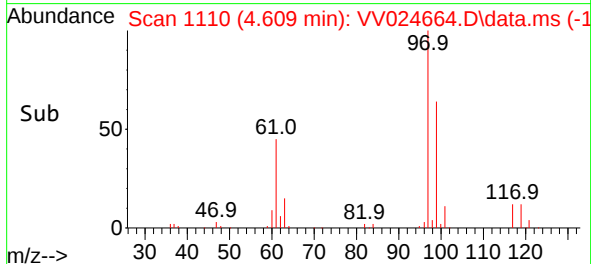
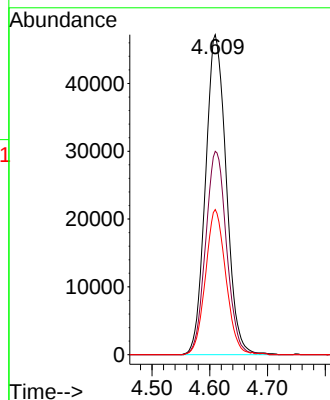
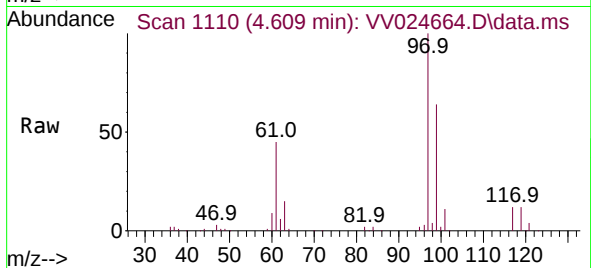
Tgt Ion: 97 Resp: 118162

Ion Ratio Lower Upper

97 100

99 64.0 51.9 77.9

61 44.5 33.2 49.8



#30

Cyclohexane

Concen: 5.496 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VV024664.D

Acq: 14 Feb 2022 20:19

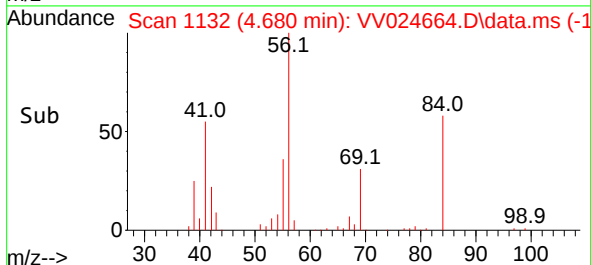
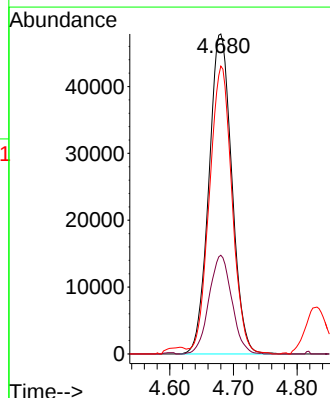
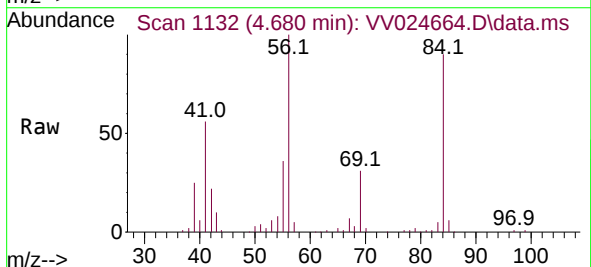
Tgt Ion: 56 Resp: 119770

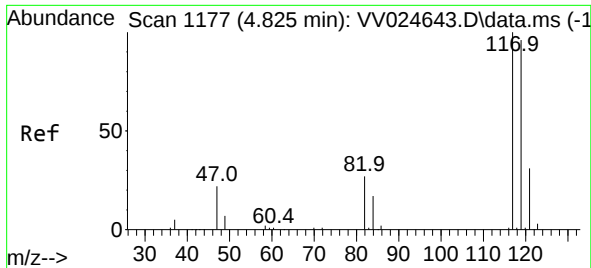
Ion Ratio Lower Upper

56 100

69 30.7 24.8 37.2

84 88.9 75.9 113.9

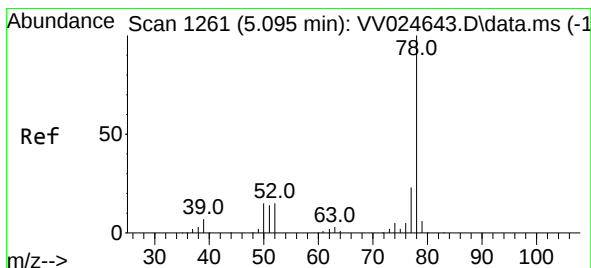
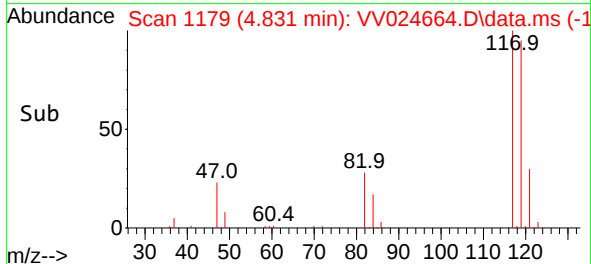
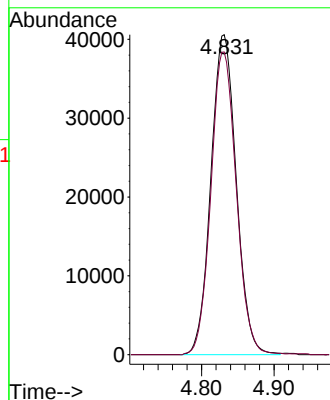
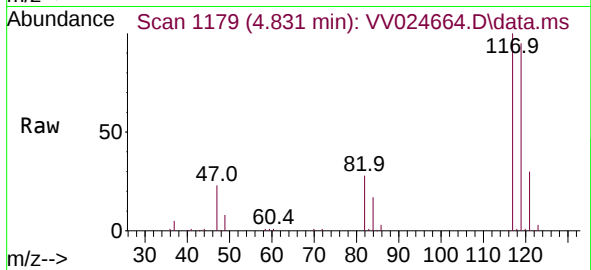




#31
Carbon tetrachloride
Concen: 5.503 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19

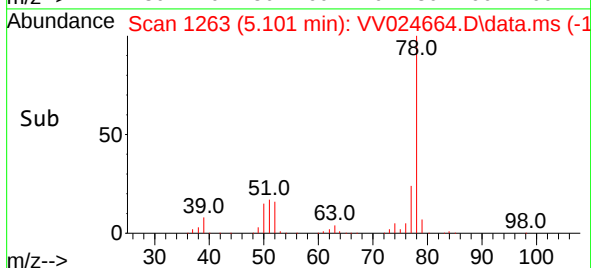
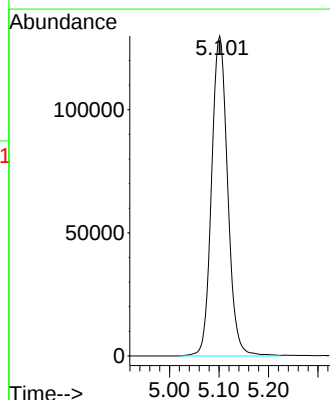
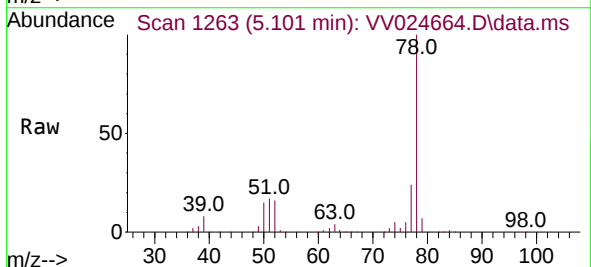
Instrument :
MSVOA_V
ClientSampleId :

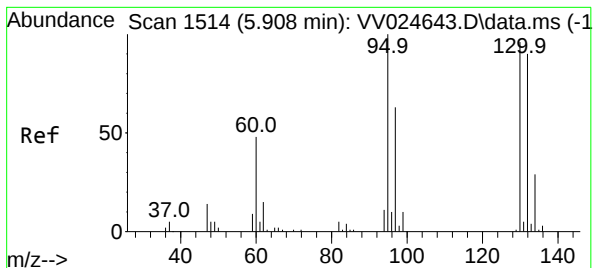
Tgt Ion:117 Resp: 98594
Ion Ratio Lower Upper
117 100
119 94.8 76.6 114.8



#33
Benzene
Concen: 5.827 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19

Tgt Ion: 78 Resp: 293255





#34

Trichloroethene

Concen: 5.648 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV024664.D

Acq: 14 Feb 2022 20:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 78268

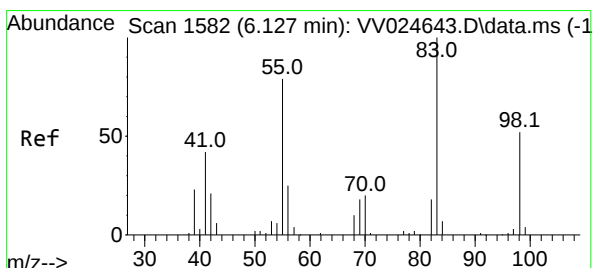
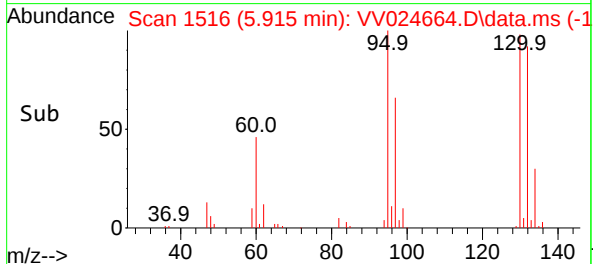
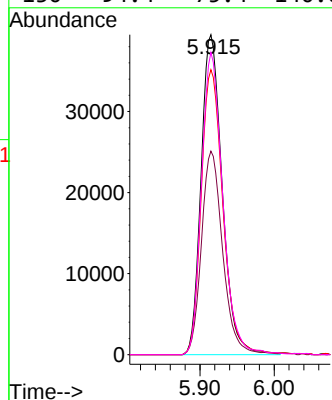
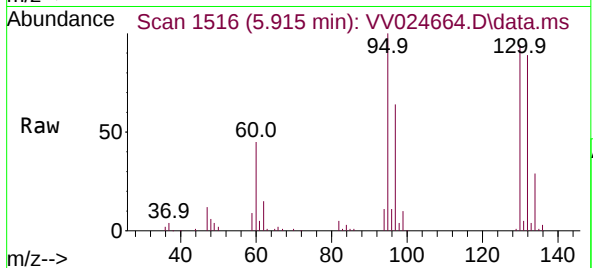
Ion Ratio Lower Upper

95 100

97 63.6 45.2 84.0

132 89.0 76.1 141.3

130 94.4 75.4 140.0



#35

Methylcyclohexane

Concen: 5.306 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.006 min

Lab File: VV024664.D

Acq: 14 Feb 2022 20:19

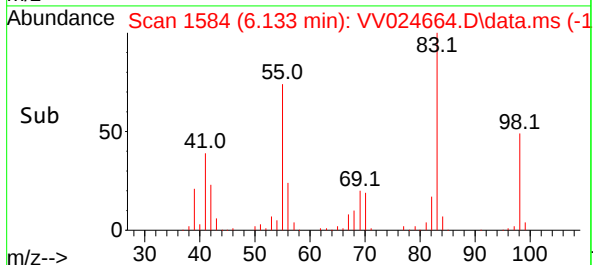
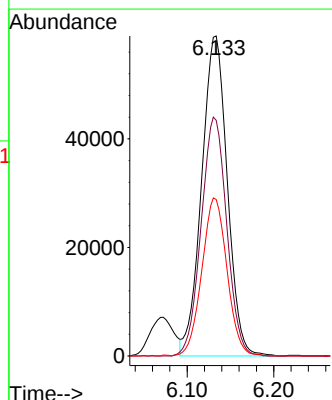
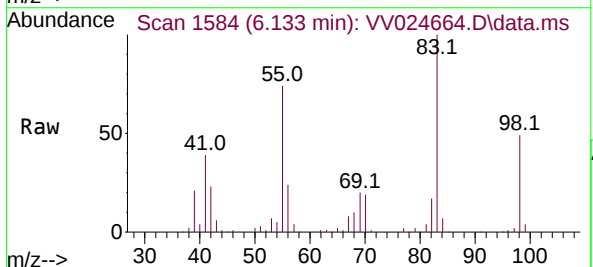
Tgt Ion: 83 Resp: 121647

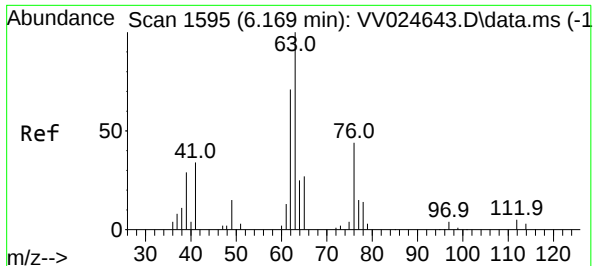
Ion Ratio Lower Upper

83 100

55 74.2 60.2 90.2

98 48.3 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.858 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024664.D

Acq: 14 Feb 2022 20:19

Instrument :

MSVOA_V

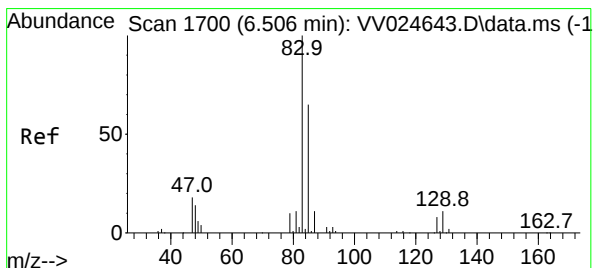
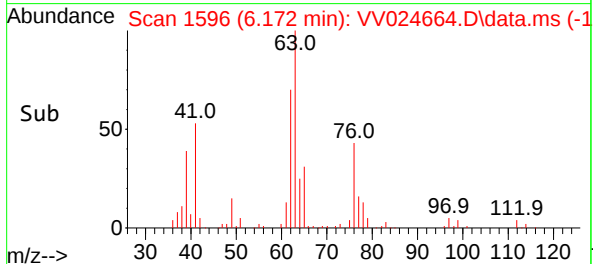
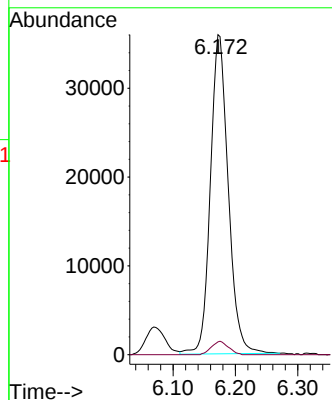
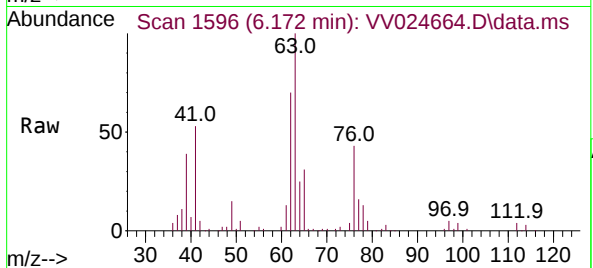
ClientSampleId :

Tgt Ion: 63 Resp: 71462

Ion Ratio Lower Upper

63 100

112 4.0 4.3 6.5#



#38

Bromodichloromethane

Concen: 5.506 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV024664.D

Acq: 14 Feb 2022 20:19

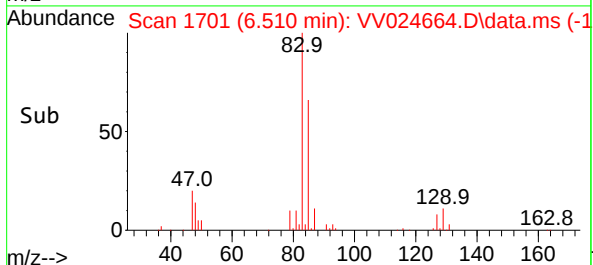
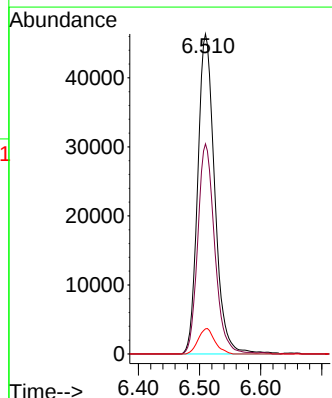
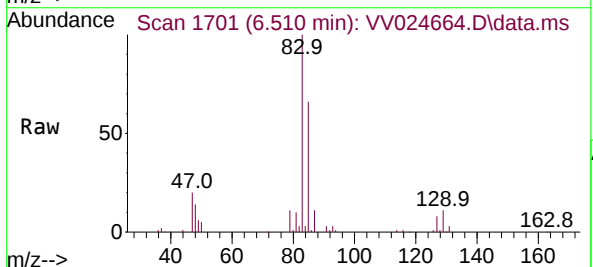
Tgt Ion: 83 Resp: 89267

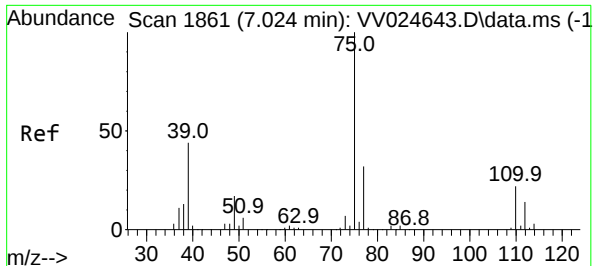
Ion Ratio Lower Upper

83 100

85 65.6 44.0 81.8

127 7.8 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 5.517 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV024664.D

Acq: 14 Feb 2022 20:19

Instrument :

MSVOA_V

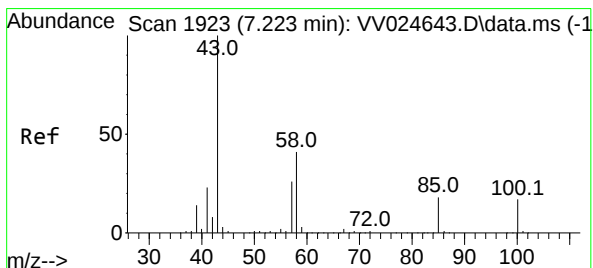
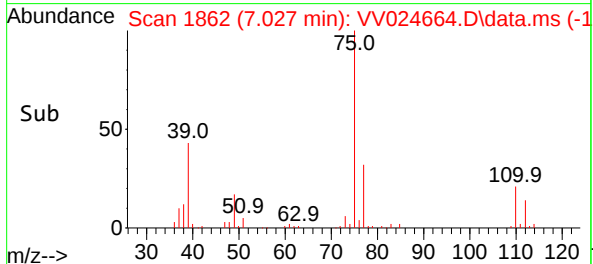
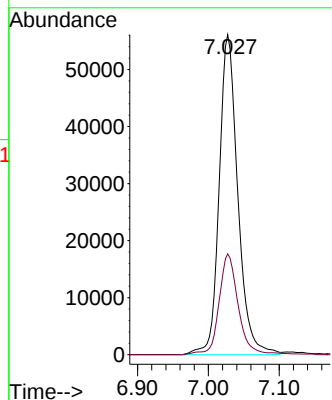
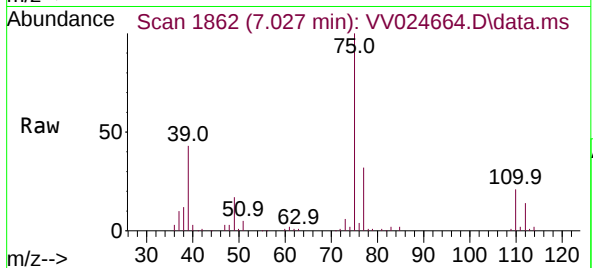
ClientSampleId :

Tgt Ion: 75 Resp: 102545

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 57.132 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV024664.D

Acq: 14 Feb 2022 20:19

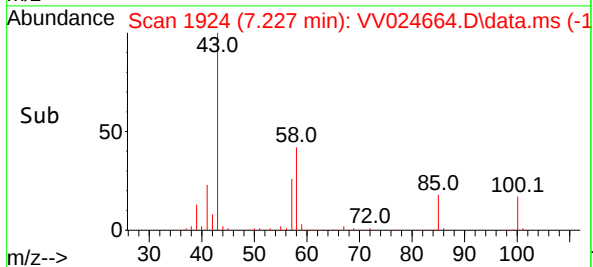
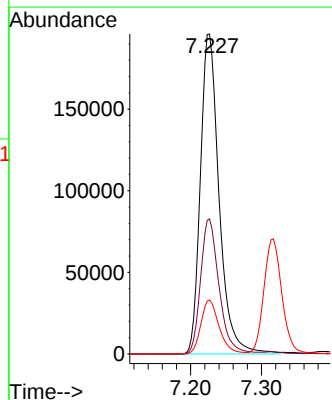
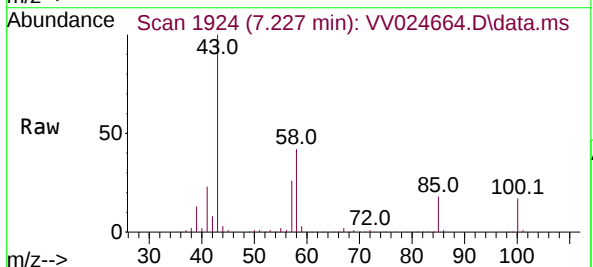
Tgt Ion: 43 Resp: 359642

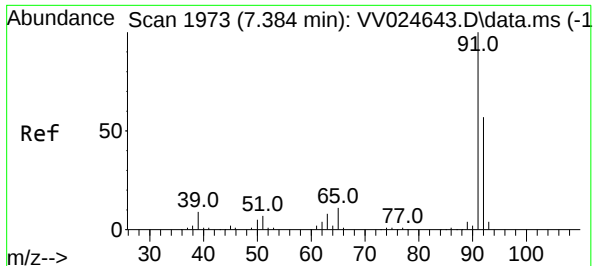
Ion Ratio Lower Upper

43 100

58 41.6 32.3 48.5

100 16.5 13.0 19.6





#42

Toluene

Concen: 5.808 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024664.D

Acq: 14 Feb 2022 20:19

Instrument :

MSVOA_V

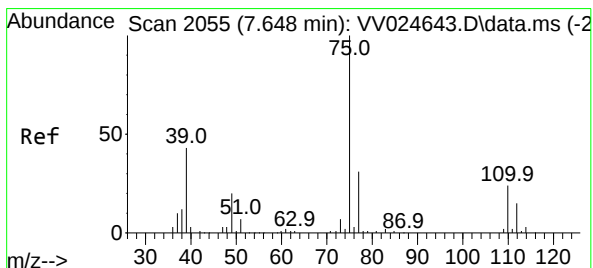
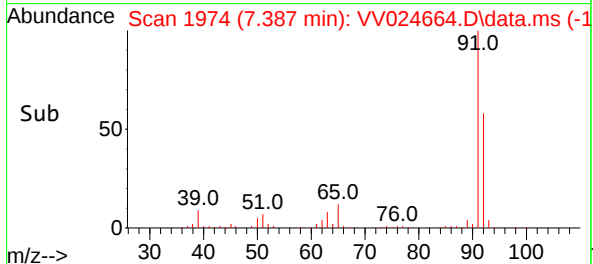
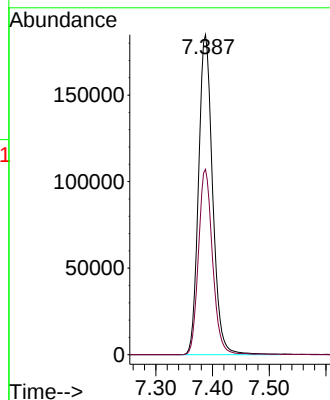
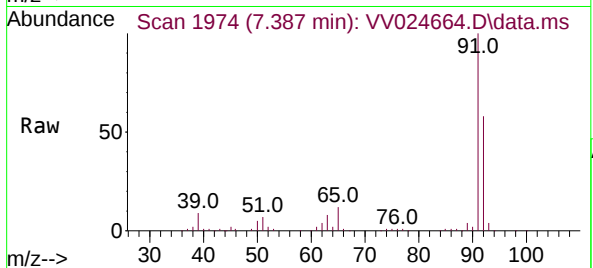
ClientSampleId :

Tgt Ion: 91 Resp: 318418

Ion Ratio Lower Upper

91 100

92 58.0 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.540 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV024664.D

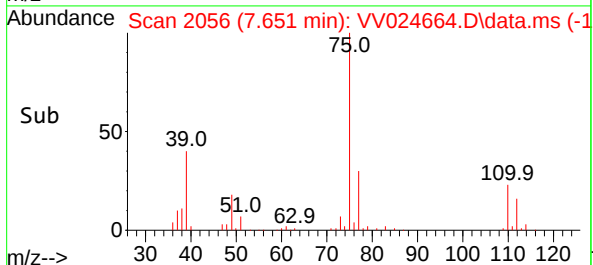
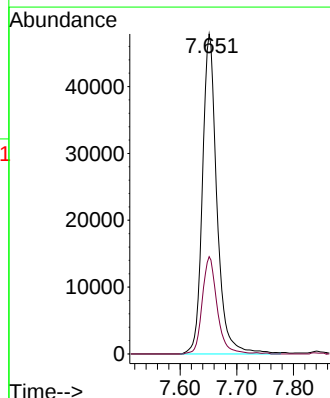
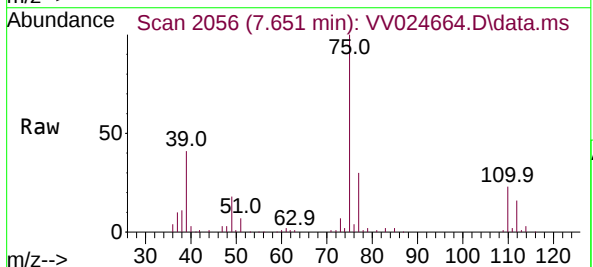
Acq: 14 Feb 2022 20:19

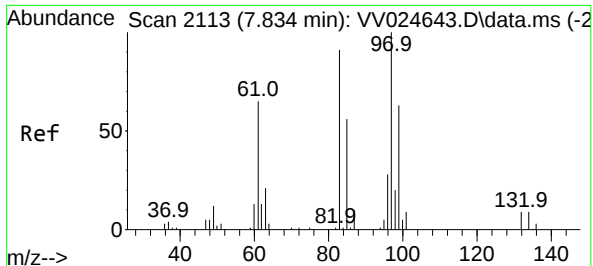
Tgt Ion: 75 Resp: 85072

Ion Ratio Lower Upper

75 100

77 30.4 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.870 ug/L

RT: 7.838 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV024664.D

Acq: 14 Feb 2022 20:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 46399

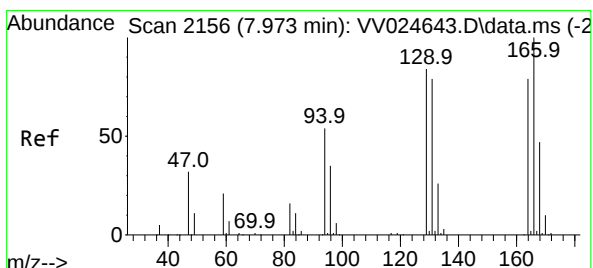
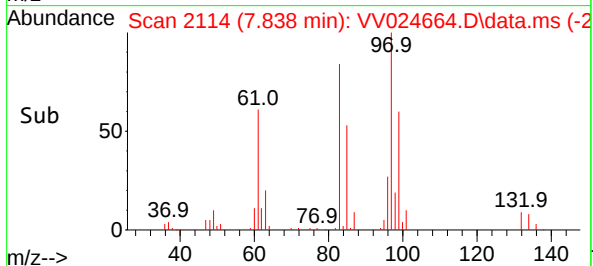
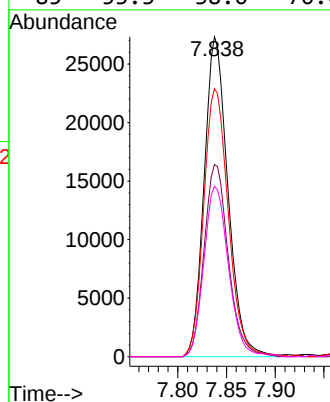
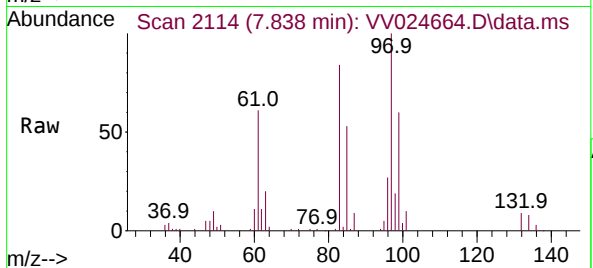
Ion Ratio Lower Upper

97 100

99 60.1 43.1 80.1

83 83.8 57.9 107.5

85 53.3 38.0 70.6



#47

Tetrachloroethene

Concen: 5.285 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024664.D

Acq: 14 Feb 2022 20:19

Tgt Ion:164 Resp: 48590

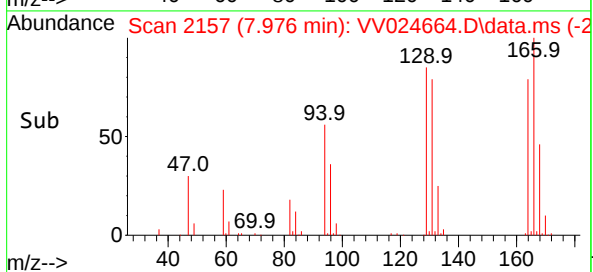
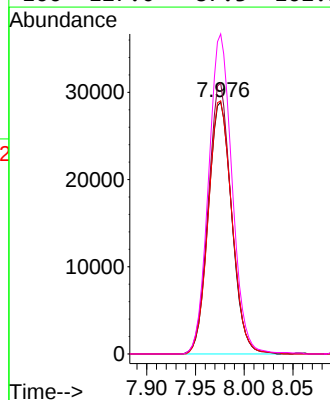
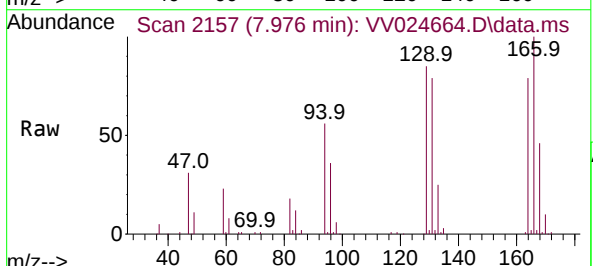
Ion Ratio Lower Upper

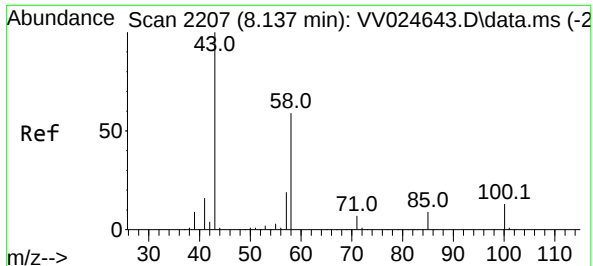
164 100

129 107.5 62.6 116.2

131 100.4 61.0 113.4

166 127.0 87.3 162.1

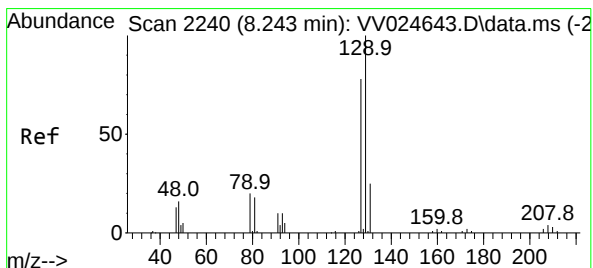
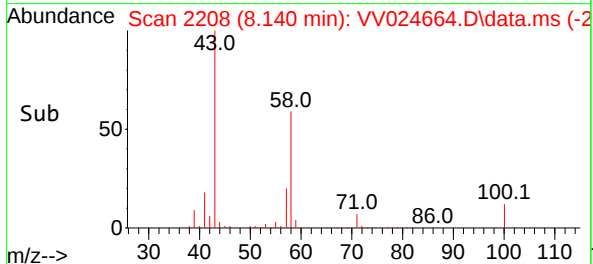
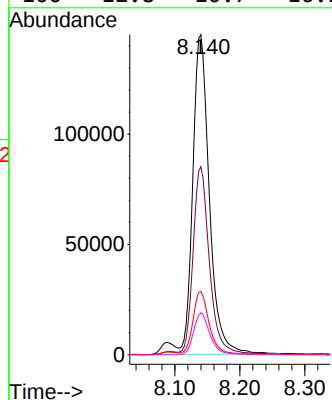
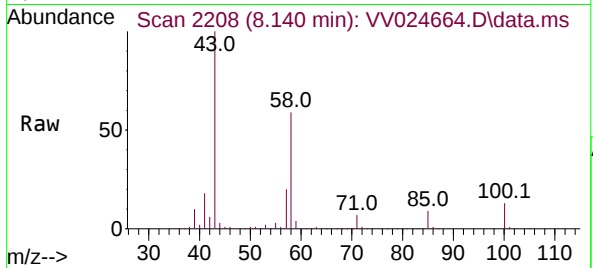




#48
2-Hexanone
Concen: 59.650 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19

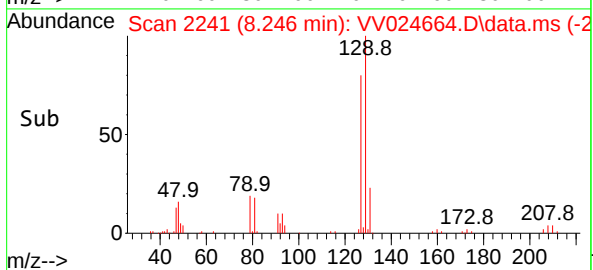
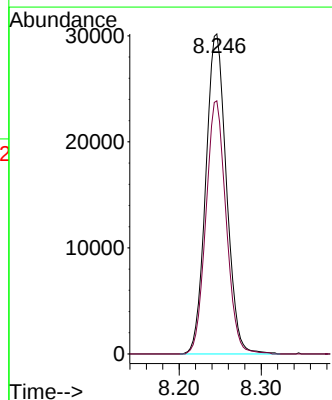
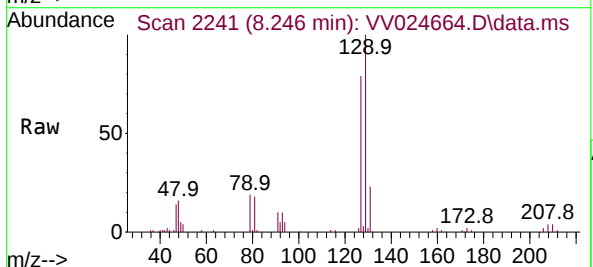
Instrument :
MSVOA_V
ClientSampleId :

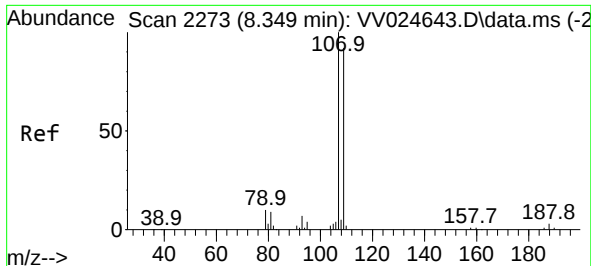
Tgt Ion: 43 Resp: 257034
Ion Ratio Lower Upper
43 100
58 57.5 44.5 66.7
57 19.3 15.1 22.7
100 12.8 10.7 16.1



#49
Dibromochloromethane
Concen: 5.515 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19

Tgt Ion:129 Resp: 52646
Ion Ratio Lower Upper
129 100
127 79.1 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.765 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

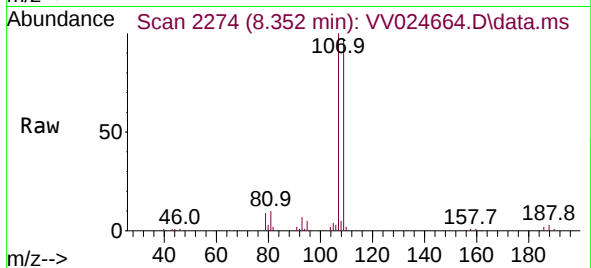
Lab File: VV024664.D

Acq: 14 Feb 2022 20:19

Instrument :

MSVOA_V

ClientSampleId :



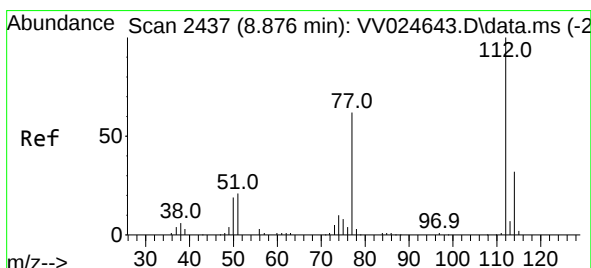
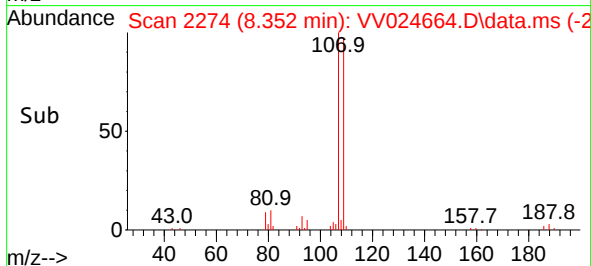
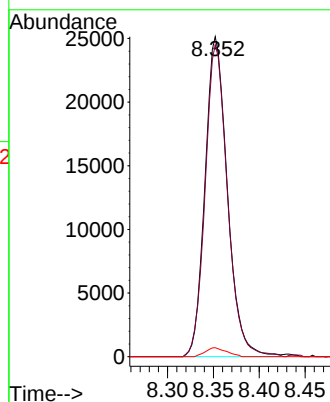
Tgt Ion:107 Resp: 42773

Ion Ratio Lower Upper

107 100

109 97.5 62.5 116.1

188 2.8 3.4 5.2#



#51

Chlorobenzene

Concen: 5.808 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV024664.D

Acq: 14 Feb 2022 20:19

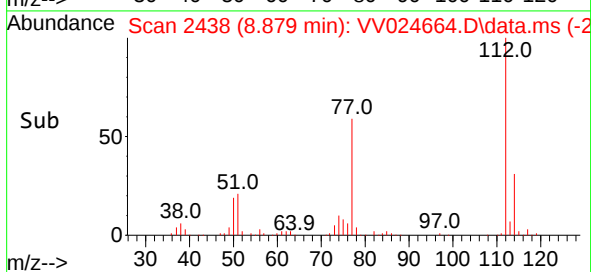
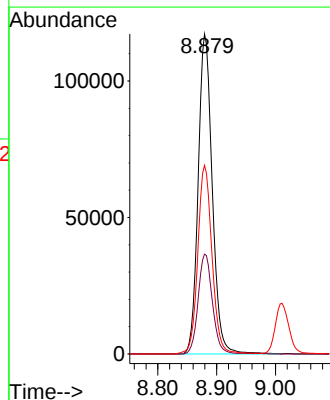
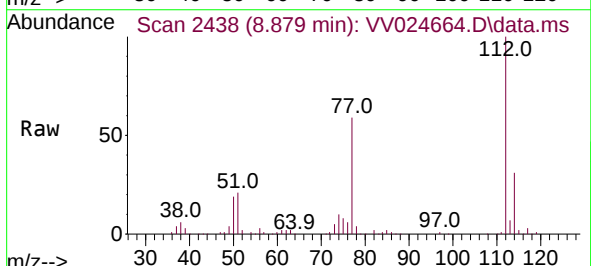
Tgt Ion:112 Resp: 195128

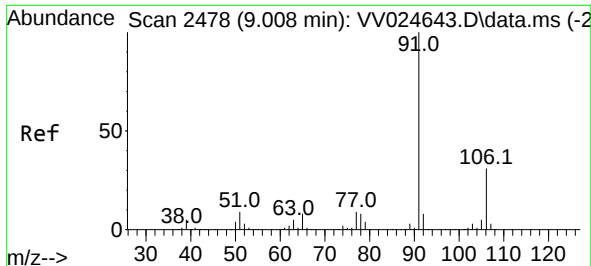
Ion Ratio Lower Upper

112 100

114 31.2 23.3 43.3

77 59.0 43.3 64.9





#52

Ethylbenzene

Concen: 5.651 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV024664.D

Acq: 14 Feb 2022 20:19

Instrument :

MSVOA_V

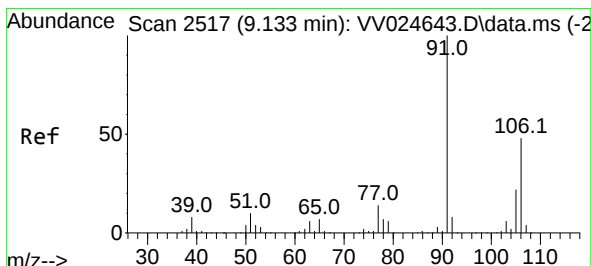
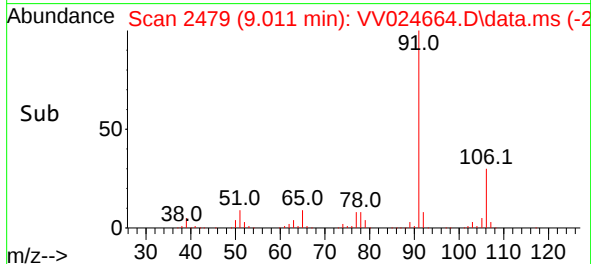
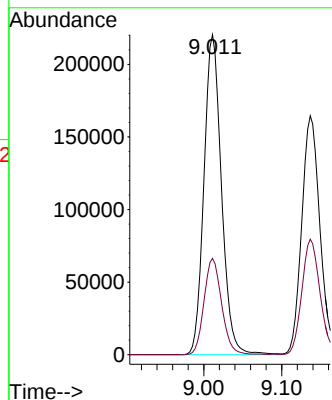
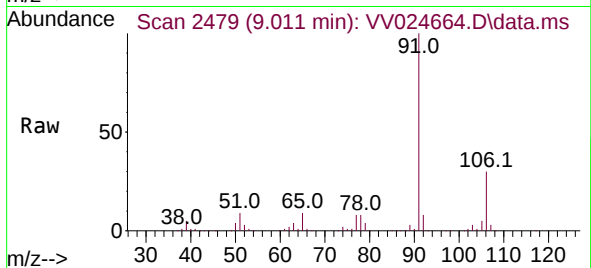
ClientSampleId :

Tgt Ion: 91 Resp: 344727

Ion Ratio Lower Upper

91 100

106 30.1 22.0 41.0



#53

m,p-xylene

Concen: 5.673 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV024664.D

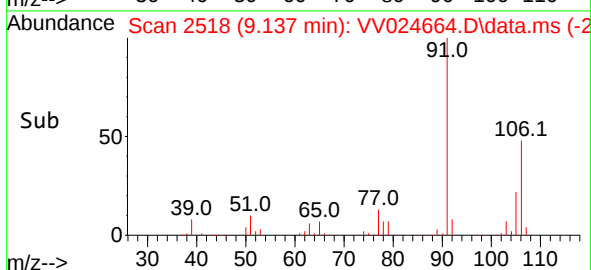
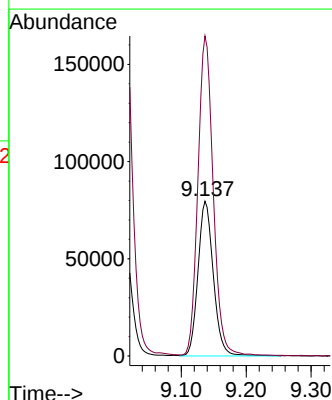
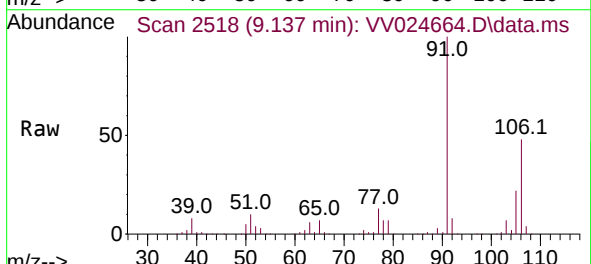
Acq: 14 Feb 2022 20:19

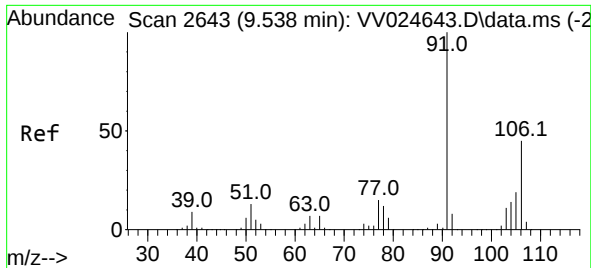
Tgt Ion:106 Resp: 131086

Ion Ratio Lower Upper

106 100

91 206.8 139.5 259.1

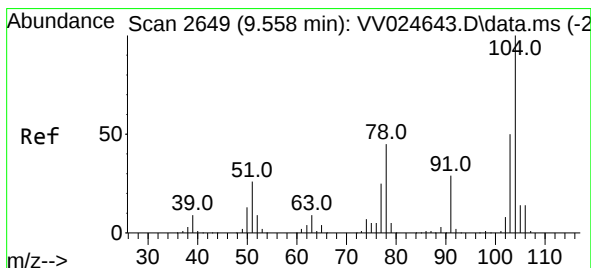
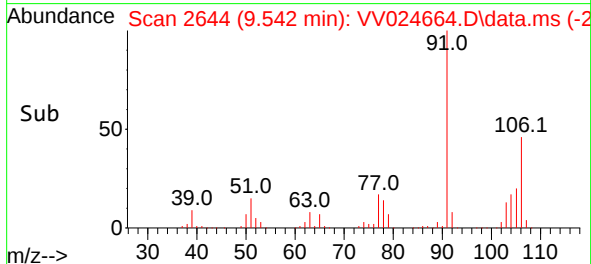
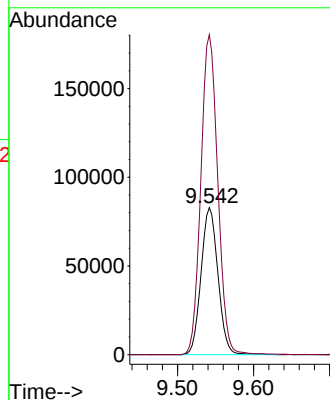
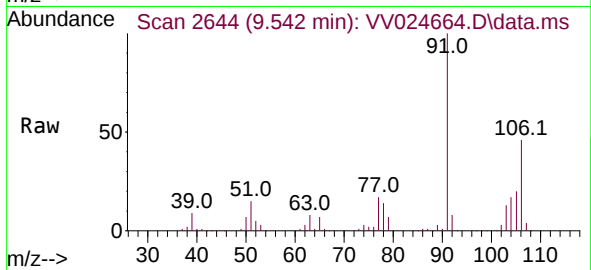




#54
o-xylene
Concen: 5.746 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19

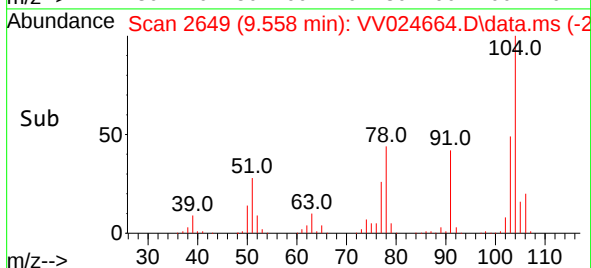
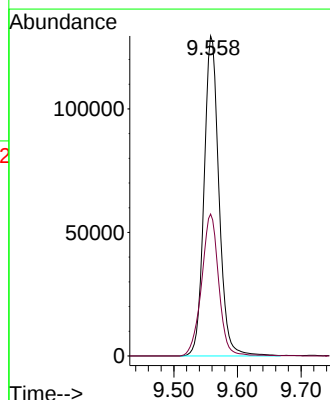
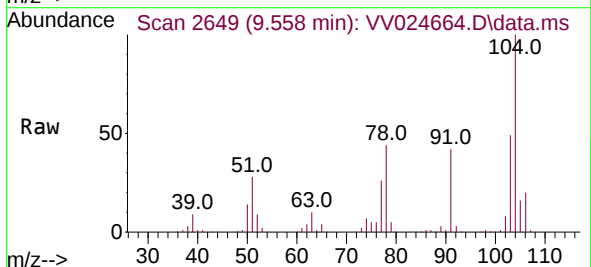
Instrument :
MSVOA_V
ClientSampleId :

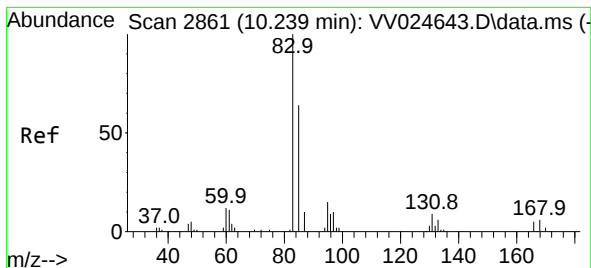
Tgt Ion:106 Resp: 128021
Ion Ratio Lower Upper
106 100
91 217.7 147.9 274.7



#55
Styrene
Concen: 5.781 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19

Tgt Ion:104 Resp: 211430
Ion Ratio Lower Upper
104 100
78 44.4 31.0 57.6

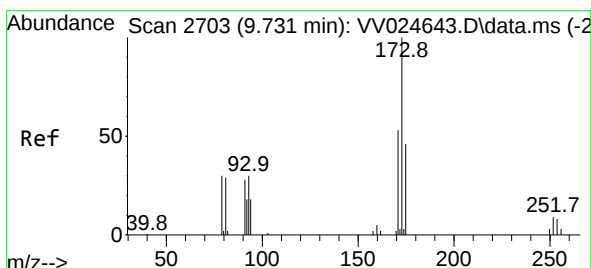
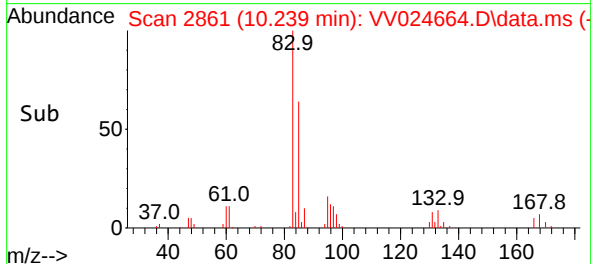
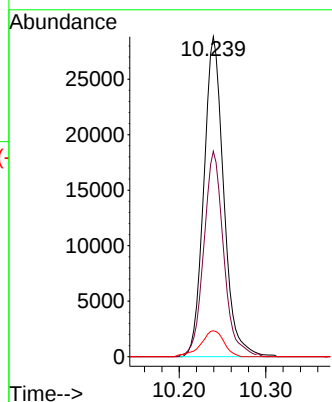
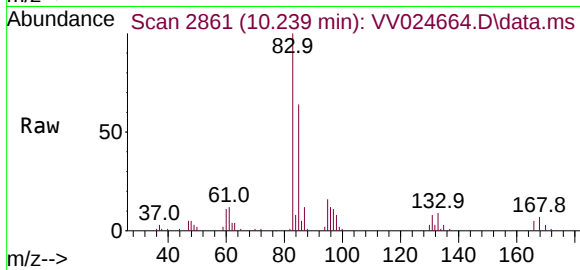




#57
1,1,2,2-Tetrachloroethane
Concen: 5.741 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19

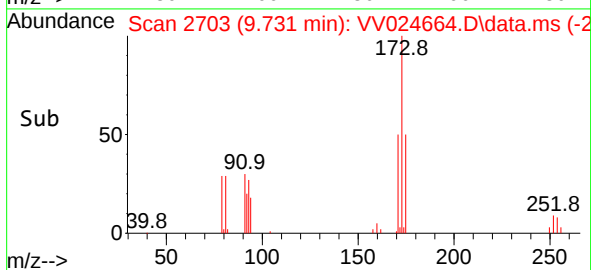
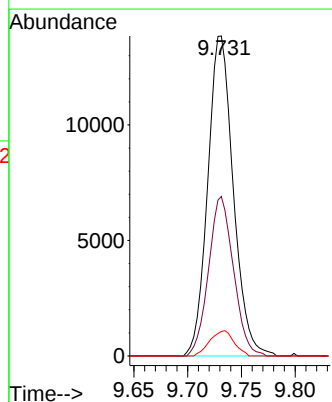
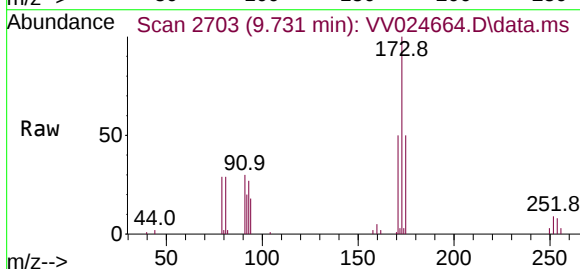
Instrument : MSVOA_V
ClientSampleId :

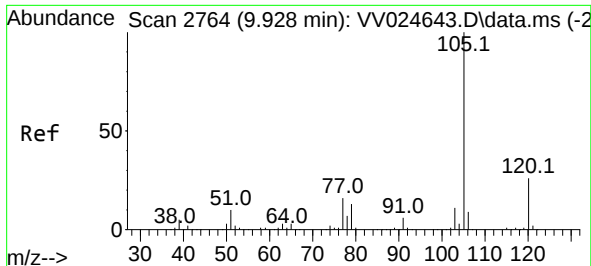
Tgt Ion: 83 Resp: 45970
Ion Ratio Lower Upper
83 100
85 64.2 44.6 82.8
131 8.1 8.3 12.5#



#59
Bromoform
Concen: 5.420 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19

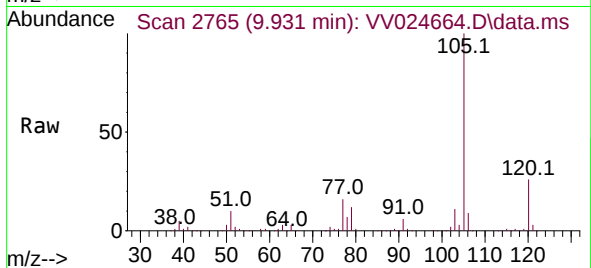
Tgt Ion: 173 Resp: 22915
Ion Ratio Lower Upper
173 100
175 48.5 39.4 59.2
254 7.5 7.4 11.0



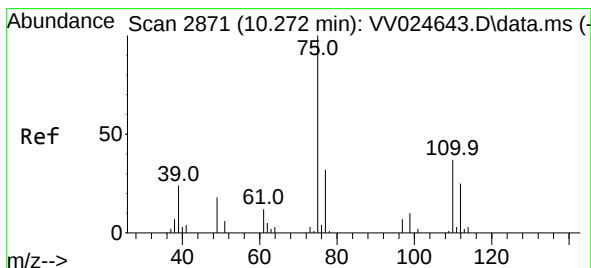
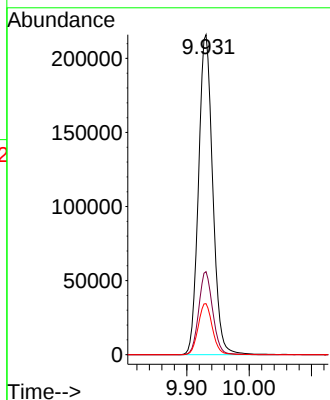
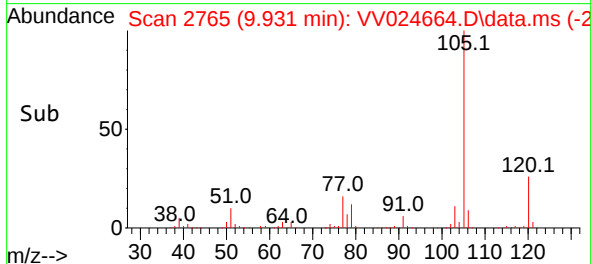


#60
Isopropylbenzene
Concen: 5.692 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19

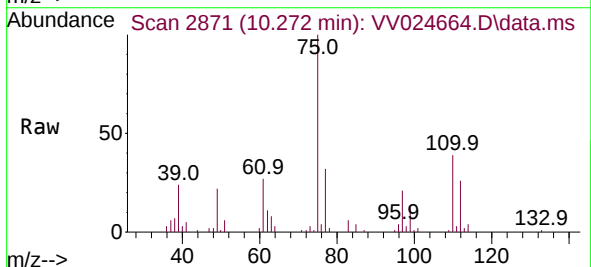
Instrument :
MSVOA_V
ClientSampleId :



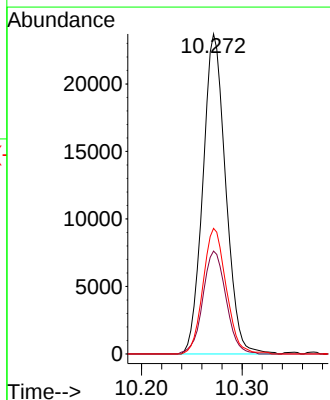
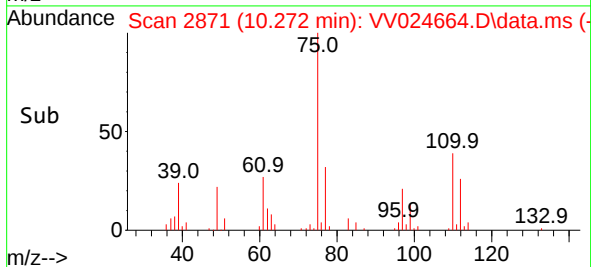
Tgt Ion:105 Resp: 341645
Ion Ratio Lower Upper
105 100
120 25.5 21.4 32.0
77 15.9 12.2 18.4

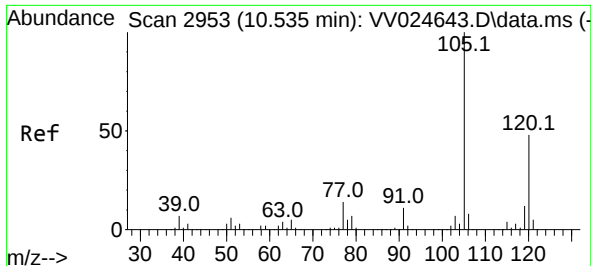


#61
1,2,3-Trichloropropane
Concen: 5.717 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19



Tgt Ion: 75 Resp: 37293
Ion Ratio Lower Upper
75 100
77 32.6 26.4 39.6
110 40.0 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.611 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024664.D

Acq: 14 Feb 2022 20:19

Instrument :

MSVOA_V

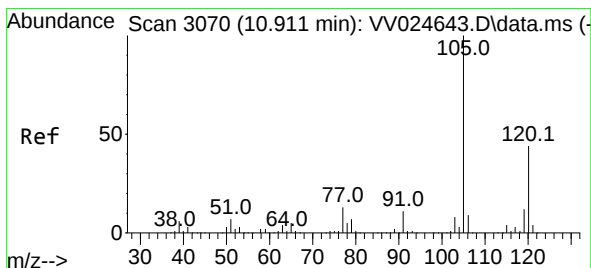
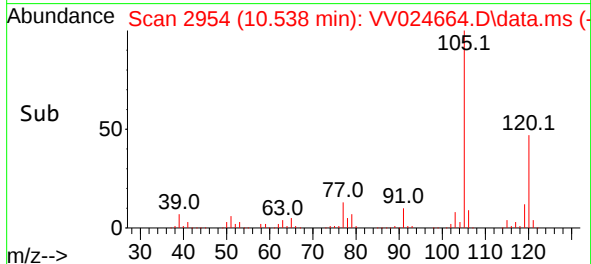
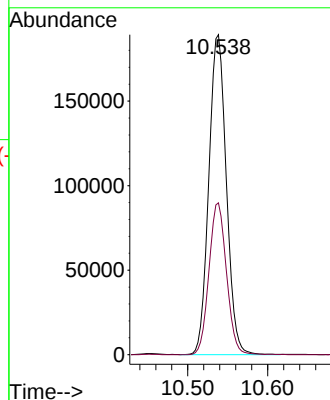
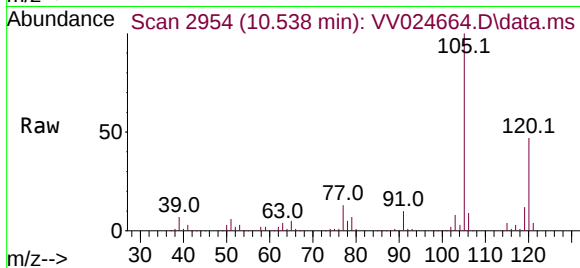
ClientSampleId :

Tgt Ion:105 Resp: 288356

Ion Ratio Lower Upper

105 100

120 47.3 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.634 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024664.D

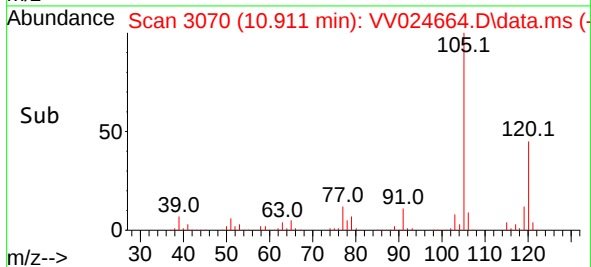
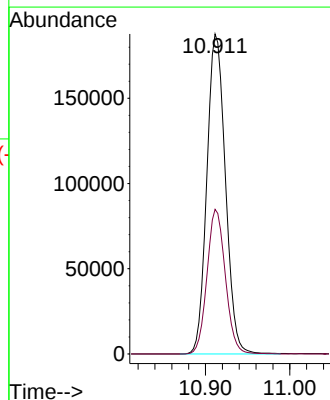
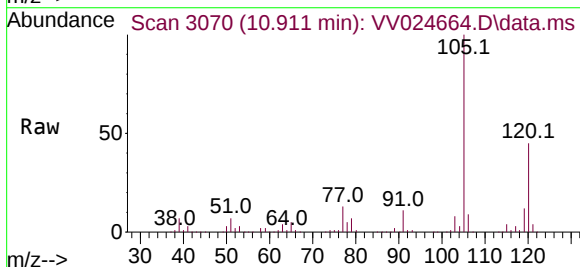
Acq: 14 Feb 2022 20:19

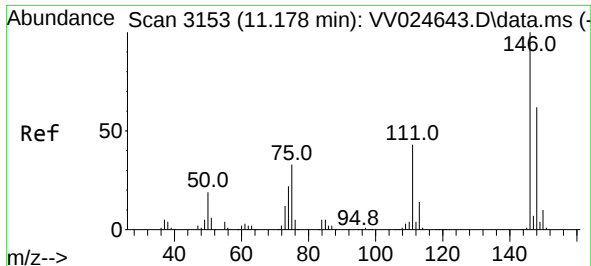
Tgt Ion:105 Resp: 287858

Ion Ratio Lower Upper

105 100

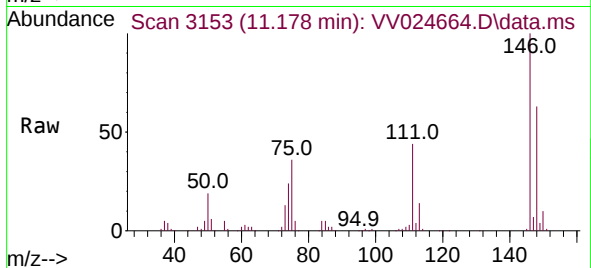
120 44.7 36.7 55.1



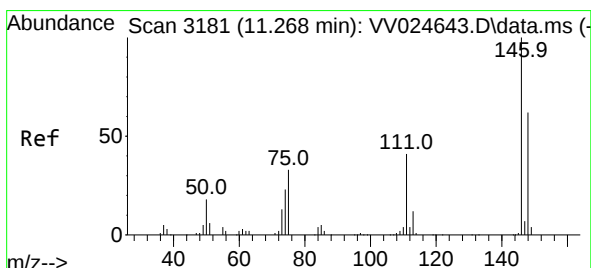
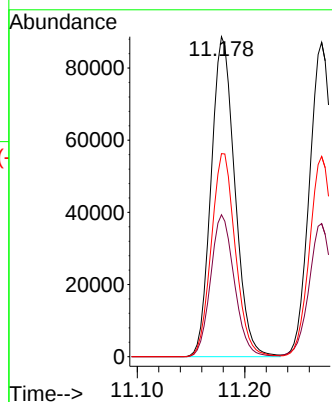
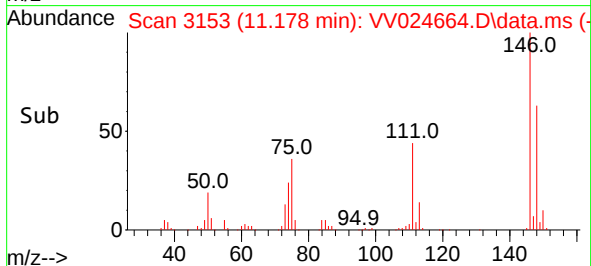


#64
1,3-Dichlorobenzene
Concen: 5.571 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19

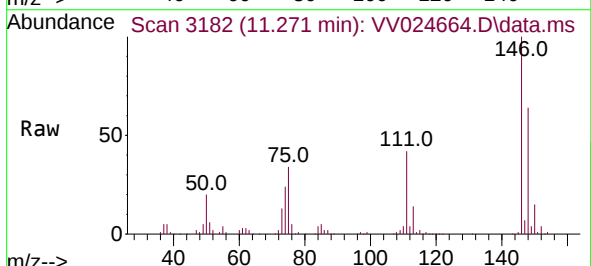
Instrument :
MSVOA_V
ClientSampleId :



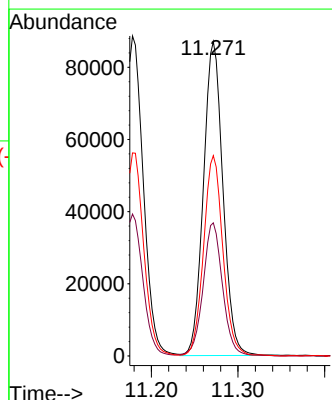
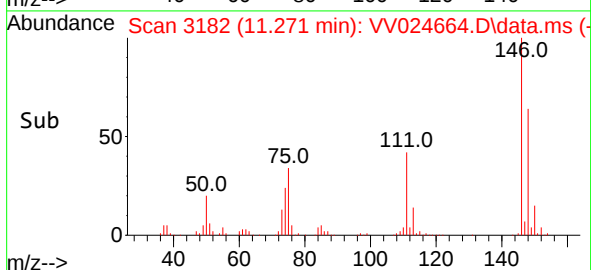
Tgt Ion:146 Resp: 136105
Ion Ratio Lower Upper
146 100
111 44.4 26.3 48.9
148 63.5 44.4 82.5

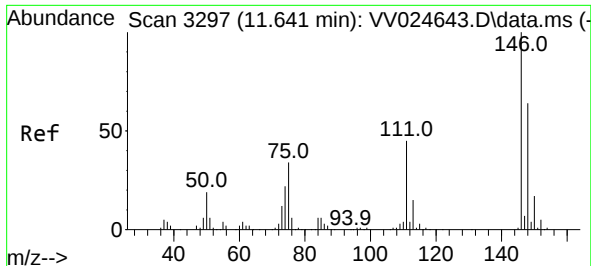


#65
1,4-Dichlorobenzene
Concen: 5.599 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19



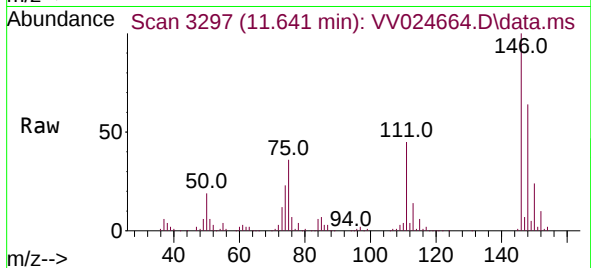
Tgt Ion:146 Resp: 135848
Ion Ratio Lower Upper
146 100
111 42.4 25.6 47.6
148 63.7 44.8 83.2



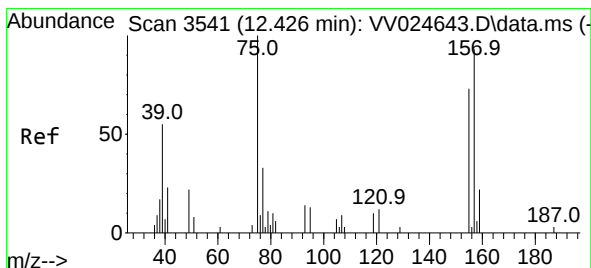
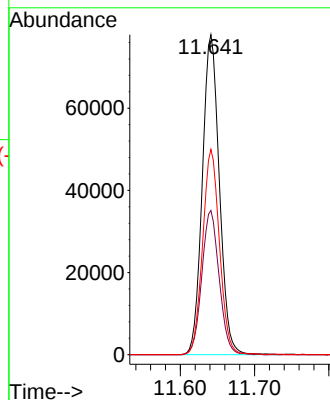
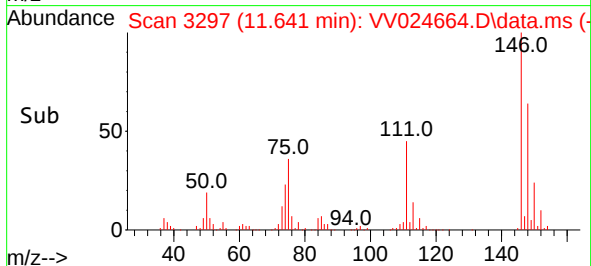


#67
1,2-Dichlorobenzene
Concen: 5.722 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19

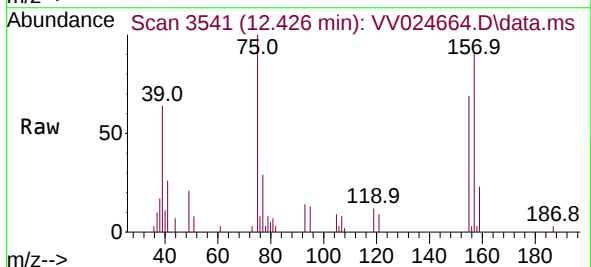
Instrument :
MSVOA_V
ClientSampleId :



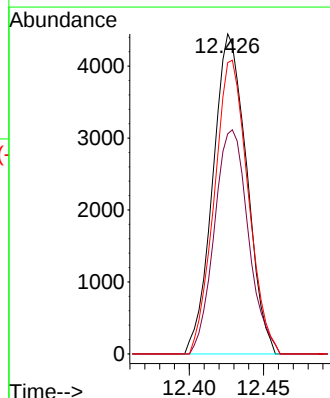
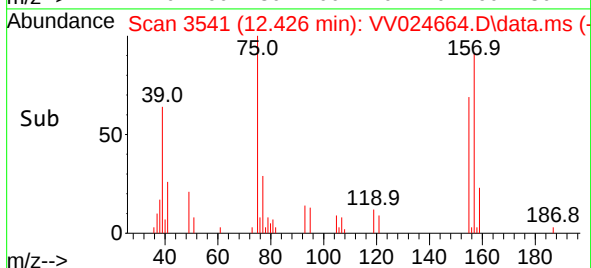
Tgt Ion:146 Resp: 124098
Ion Ratio Lower Upper
146 100
111 45.1 31.9 47.9
148 64.2 50.5 75.7

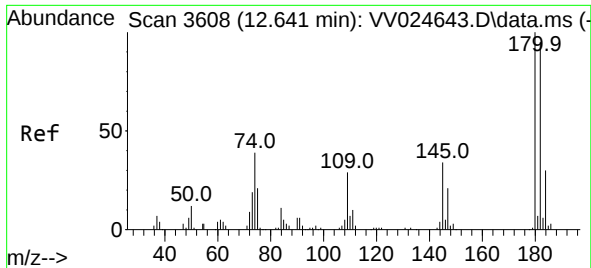


#68
1,2-Dibromo-3-chloropropane
Concen: 5.560 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19



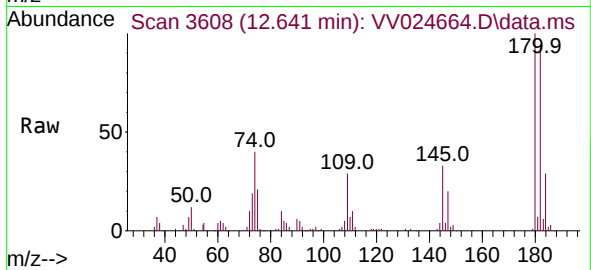
Tgt Ion: 75 Resp: 7045
Ion Ratio Lower Upper
75 100
155 68.8 71.7 107.5#
157 91.0 103.3 154.9#



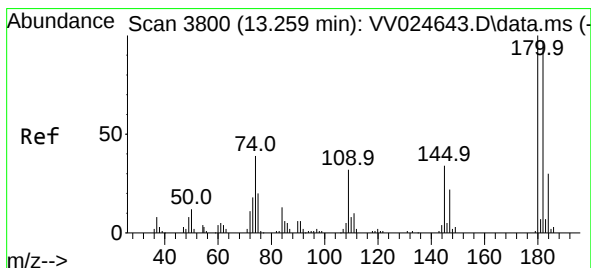
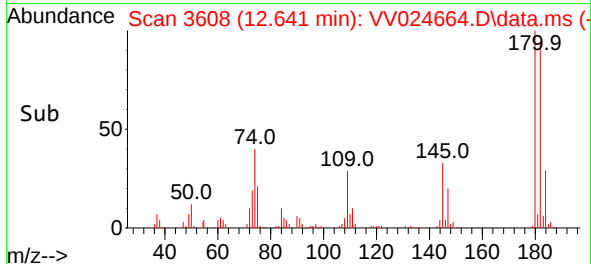
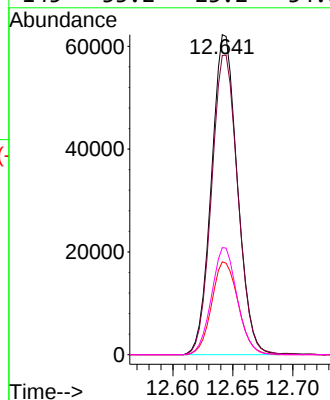


#69
 1,3,5-Trichlorobenzene
 Concen: 5.376 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV024664.D
 Acq: 14 Feb 2022 20:19

Instrument :
 MSVOA_V
 ClientSampleId :

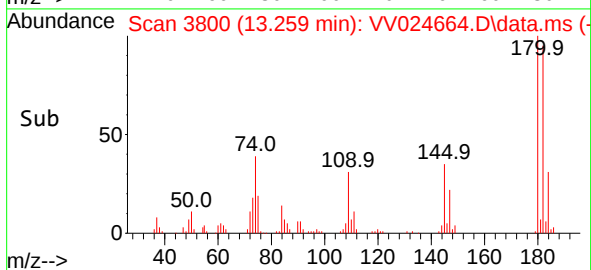
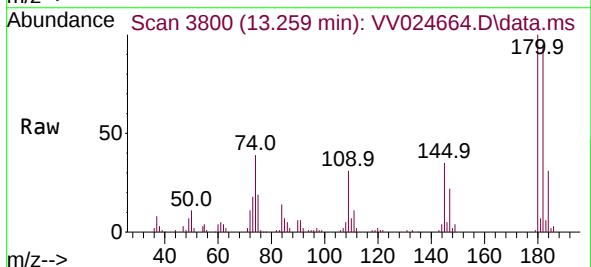
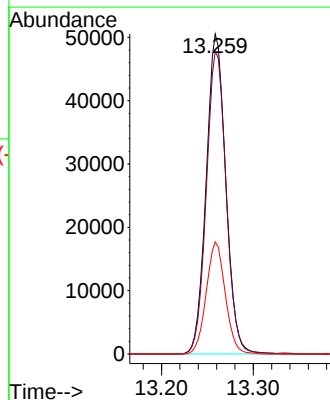


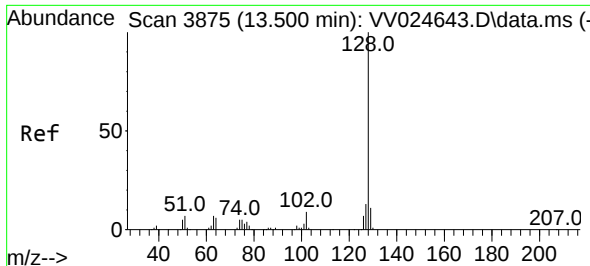
Tgt Ion:180 Resp: 93436
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.4 114.6
 184 29.7 24.2 36.4
 145 33.2 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.356 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024664.D
 Acq: 14 Feb 2022 20:19

Tgt Ion:180 Resp: 75171
 Ion Ratio Lower Upper
 180 100
 182 95.2 74.4 111.6
 145 34.0 23.3 34.9

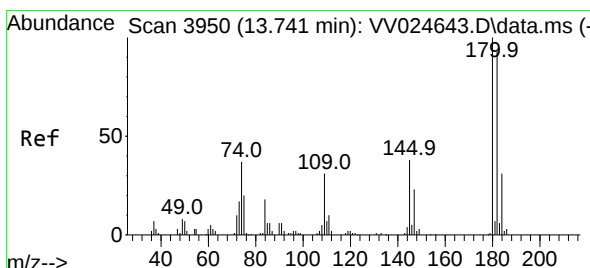
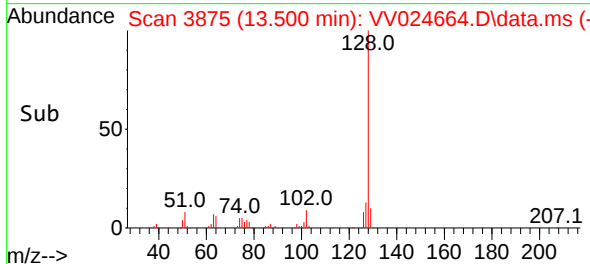
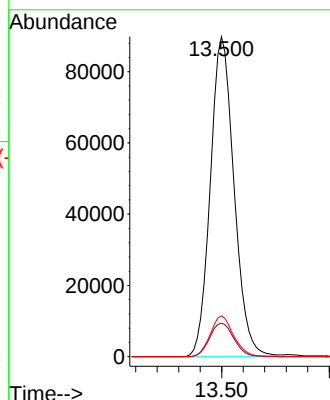
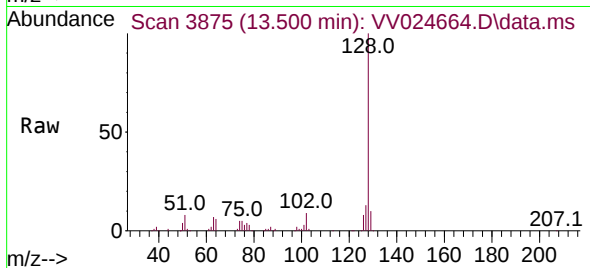




#71
Naphthalene
Concen: 5.412 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128	Resp:	137588
Ion Ratio	Lower	Upper
128	100	
129	10.7	9.0 13.4
127	12.6	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.445 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV024664.D
Acq: 14 Feb 2022 20:19

Tgt Ion:180	Resp:	64273
Ion Ratio	Lower	Upper
180	100	
182	95.3	76.8 115.2
145	36.2	25.8 38.6

