

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070522\
 Data File : VW026655.D
 Acq On : 05 Jul 2022 19:59
 Operator : SY/MD
 Sample : N3577-03MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB324MS

Quant Time: Jul 06 00:31:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 06 00:22:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	192452	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	187685	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	100039	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	74305	4.801	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.581	69	61061	4.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.121	63	135926	4.942	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	3.921	46	86636	56.303	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.600%
24) Chloroform-d	4.362	84	124405	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.043	65	48366	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.059	84	247655	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.075	67	70598	4.762	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.317	98	233392	4.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	7.628	79	19639	5.125	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.600%
46) 2-Hexanone-d5	8.091	63	67197	46.040	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48557	5.007	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	74848	4.521	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	71737	4.895	ug/L	100
3) Chloromethane	1.253	50	78118	4.874	ug/L	99
5) Vinyl chloride	1.323	62	83119	4.871	ug/L	97
6) Bromomethane	1.536	94	42743	4.627	ug/L	97
8) Chloroethane	1.597	64	61060	5.261	ug/L	100
9) Trichlorofluoromethane	1.764	101	121757	5.116	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	72830	5.165	ug/L	99
12) 1,1-Dichloroethene	2.130	96	67224	5.172	ug/L	98
13) Acetone	2.211	43	68960	70.643	ug/L	93
14) Carbon disulfide	2.304	76	163853	4.778	ug/L	99
15) Methyl Acetate	2.458	43	17229	6.121	ug/L	92
16) Methylene chloride	2.519	84	68787	4.985	ug/L	97
17) Methyl tert-butyl Ether	2.786	73	114609	5.410	ug/L	97
18) trans-1,2-Dichloroethene	2.773	96	67559	5.094	ug/L	95
19) 1,1-Dichloroethane	3.201	63	125674	5.277	ug/L	100
21) 2-Butanone	4.002	43	97289	66.249	ug/L	96
22) cis-1,2-Dichloroethene	3.924	96	80437	6.108	ug/L	98
23) Bromochloromethane	4.262	128	32011	5.902	ug/L	96
25) Chloroform	4.387	83	143949	5.651	ug/L	97

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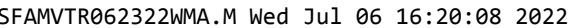
Instrument :
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 ClientSampleId :
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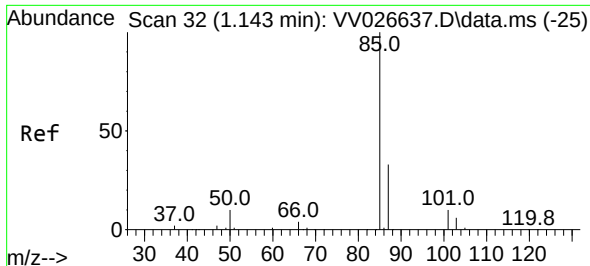
Quant Time: Jul 06 00:31:04 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	63435	5.595	ug/L	97
29) 1,1,1-Trichloroethane	4.619	97	118120	5.115	ug/L	99
30) Cyclohexane	4.686	56	77043	4.213	ug/L	99
31) Carbon tetrachloride	4.838	117	106841	5.515	ug/L	99
33) Benzene	5.108	78	280183	5.113	ug/L	100
34) Trichloroethene	5.918	95	159503	11.071	ug/L	97
35) Methylcyclohexane	6.137	83	93302	4.378	ug/L	98
37) 1,2-Dichloropropane	6.178	63	68571	5.191	ug/L	99
38) Bromodichloromethane	6.516	83	85496	5.483	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	70024	5.275	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	255249	57.213	ug/L	98
42) Toluene	7.391	91	298729	5.280	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	55919	5.663	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	47373	5.688	ug/L	99
47) Tetrachloroethene	7.976	164	69784	6.084	ug/L	99
48) 2-Hexanone	8.143	43	184303	59.345	ug/L	96
49) Dibromochloromethane	8.246	129	51068	6.055	ug/L	98
50) 1,2-Dibromoethane	8.355	107	41541	5.609	ug/L	99
51) Chlorobenzene	8.882	112	189303	5.108	ug/L	99
52) Ethylbenzene	9.011	91	283331	4.843	ug/L	99
53) m,p-Xylene	9.140	106	114300	5.008	ug/L	97
54) o-Xylene	9.545	106	108253	5.053	ug/L	98
55) Styrene	9.561	104	189960	5.353	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	54725	5.884	ug/L	99
59) Bromoform	9.731	173	22036	5.978	ug/L	98
60) Isopropylbenzene	9.931	105	285994	4.635	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	35848	5.534	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	213025	4.368	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	219606	4.567	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	148145	4.937	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	148299	4.977	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	132842	5.202	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6376	5.488	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	101696	4.713	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	72382	4.750	ug/L	97
71) Naphthalene	13.500	128	94436	4.751	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	63127	5.062	ug/L	100

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

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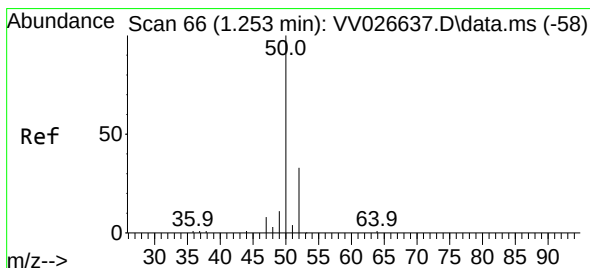
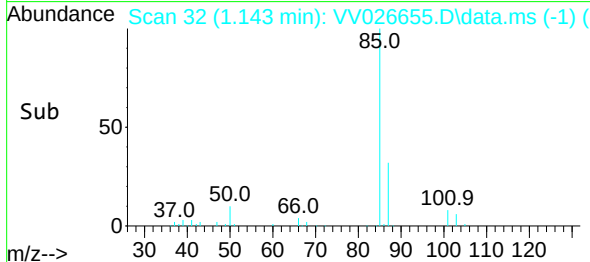
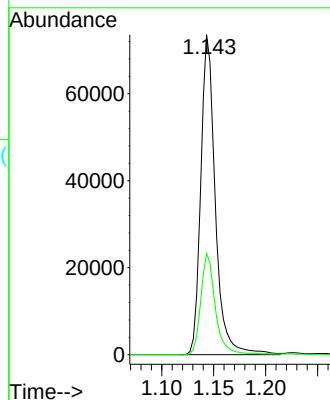
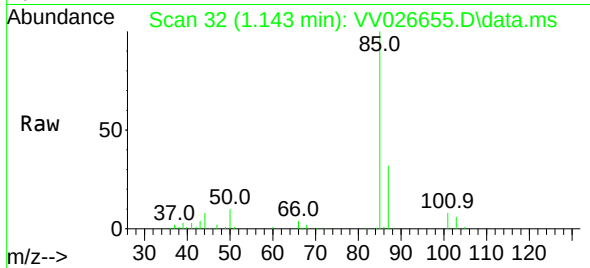




#2
 Dichlorodifluoromethane
 Concen: 4.895 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026655.D
 Acq: 05 Jul 2022 19:59

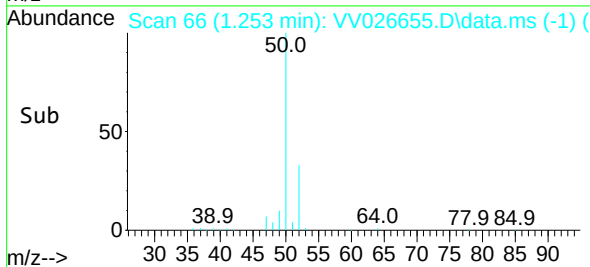
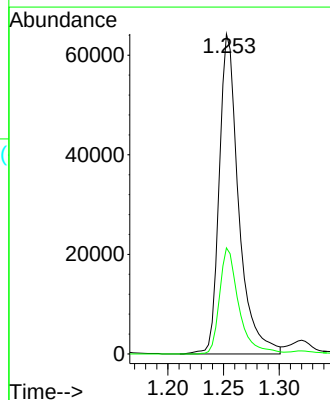
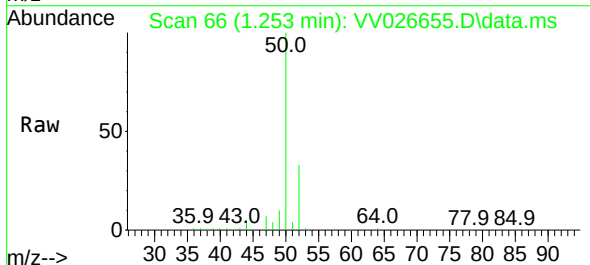
Instrument :
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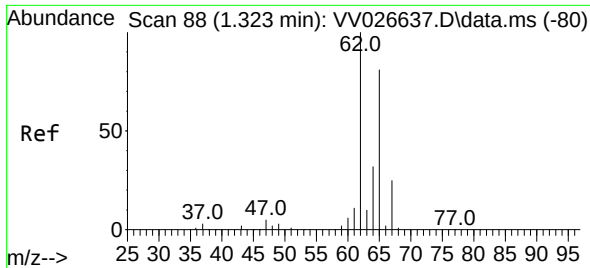
Tgt Ion: 85 Resp: 71737
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.6 38.4



#3
 Chloromethane
 Concen: 4.874 ug/L
 RT: 1.253 min Scan# 66
 Delta R.T. 0.000 min
 Lab File: VV026655.D
 Acq: 05 Jul 2022 19:59

Tgt Ion: 50 Resp: 78118
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.0 42.6

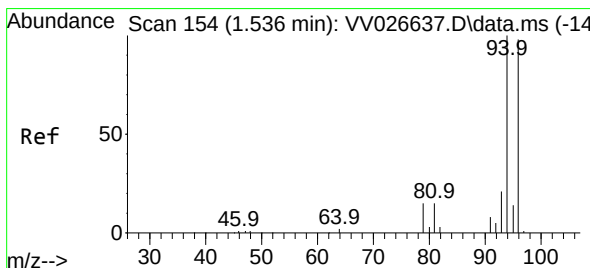
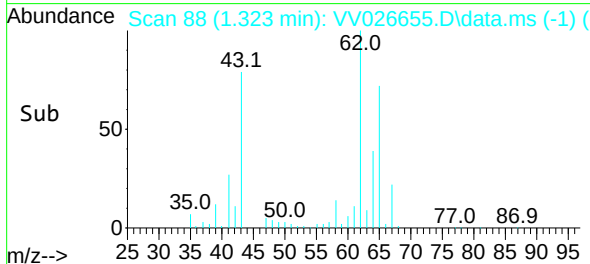
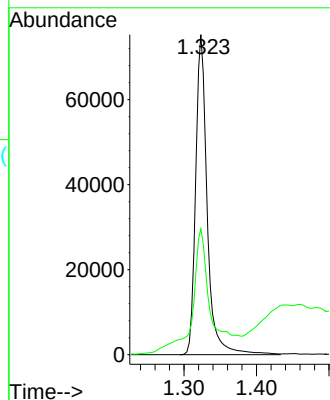
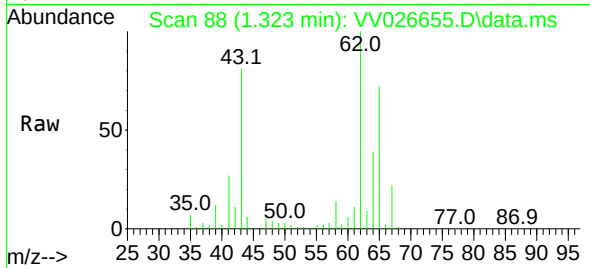




#5
 Vinyl chloride
 Concen: 4.871 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. 0.000 min
 Lab File: VV026655.D
 Acq: 05 Jul 2022 19:59

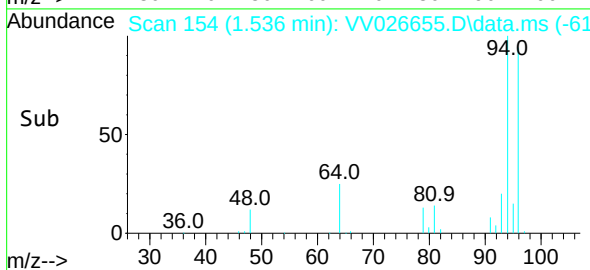
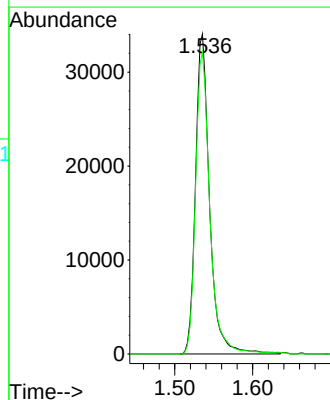
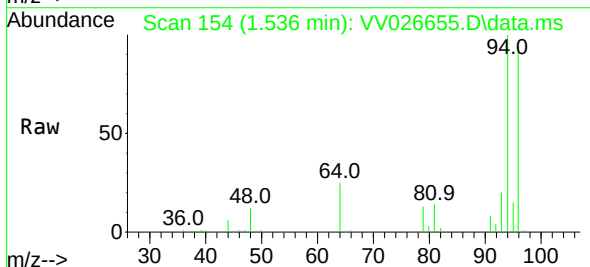
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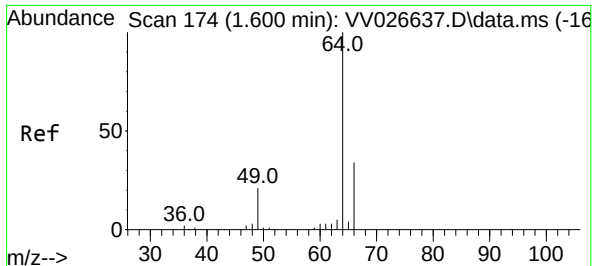
Tgt Ion: 62 Resp: 83119
 Ion Ratio Lower Upper
 62 100
 64 39.4 26.2 48.6



#6
 Bromomethane
 Concen: 4.627 ug/L
 RT: 1.536 min Scan# 154
 Delta R.T. 0.000 min
 Lab File: VV026655.D
 Acq: 05 Jul 2022 19:59

Tgt Ion: 94 Resp: 42743
 Ion Ratio Lower Upper
 94 100
 96 94.4 68.0 126.2

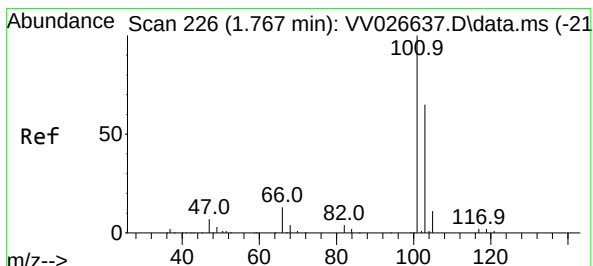
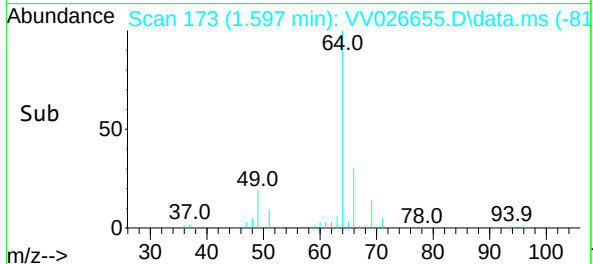
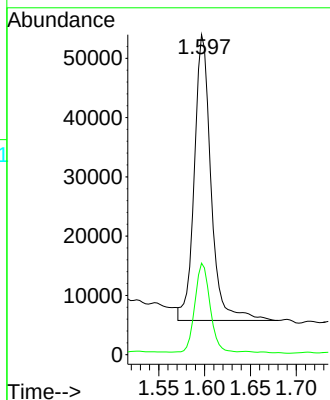
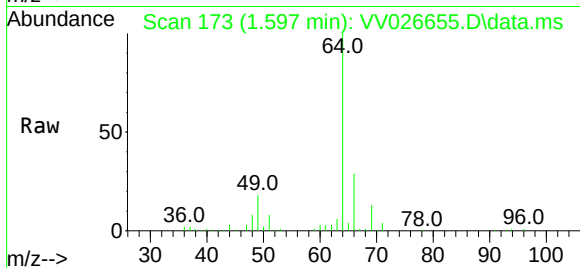




#8
Chloroethane
Concen: 5.261 ug/L
RT: 1.597 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

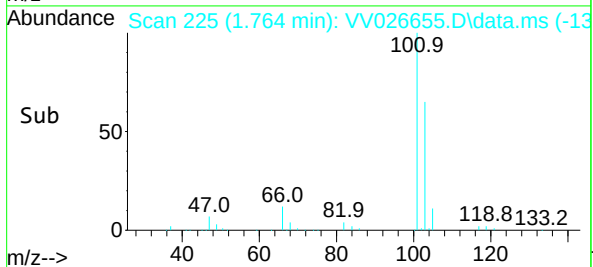
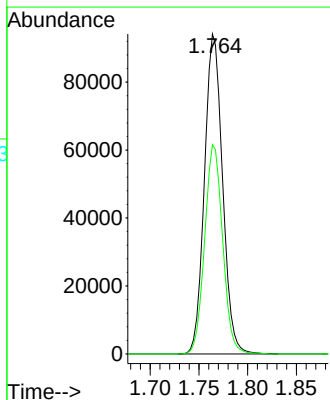
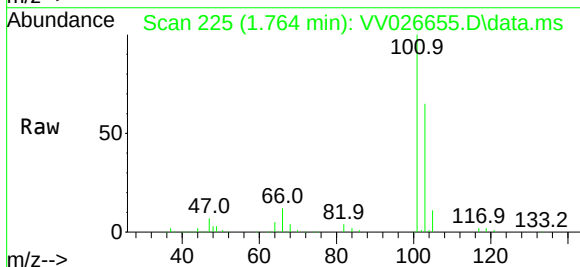
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ClientSampleId :
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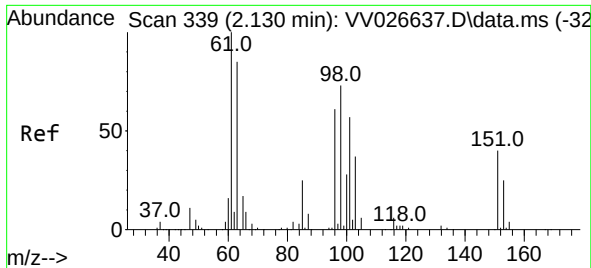
Tgt Ion: 64 Resp: 61060
Ion Ratio Lower Upper
64 100
66 28.6 20.0 37.2



#9
Trichlorofluoromethane
Concen: 5.116 ug/L
RT: 1.764 min Scan# 225
Delta R.T. -0.003 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

Tgt Ion: 101 Resp: 121757
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4

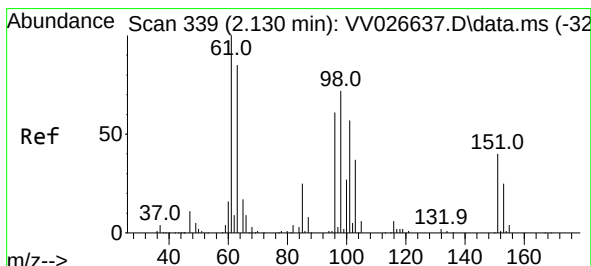
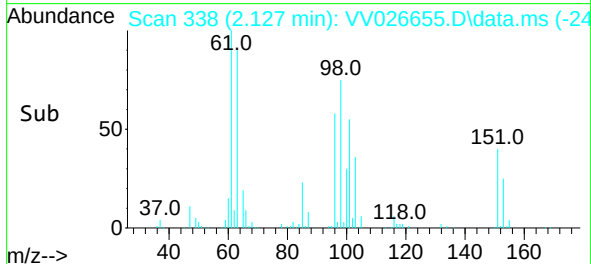
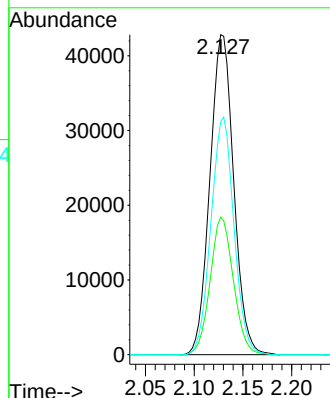
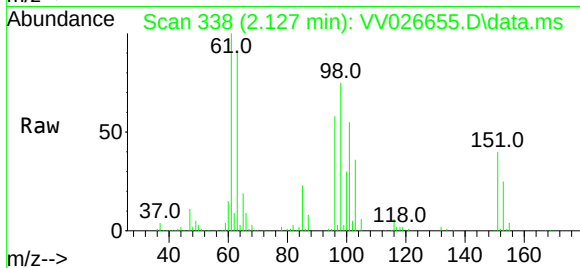




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.165 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. -0.003 min
 Lab File: VV026655.D
 Acq: 05 Jul 2022 19:59

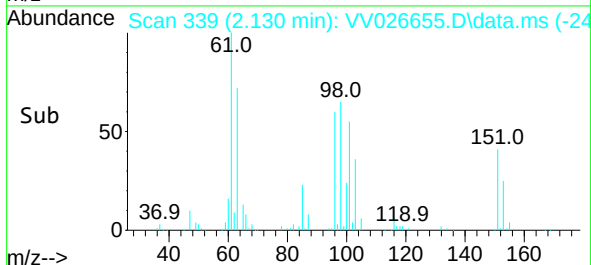
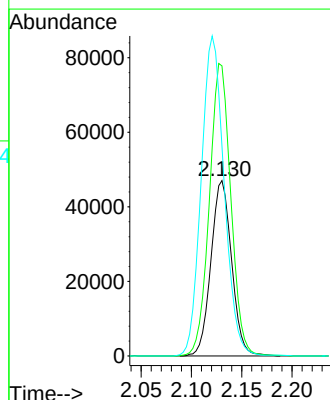
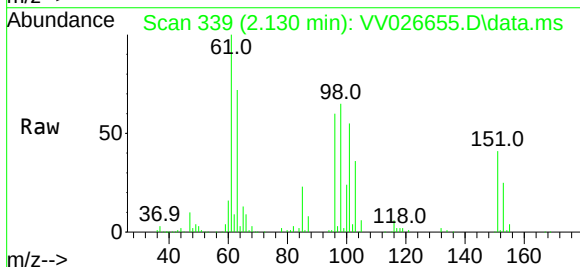
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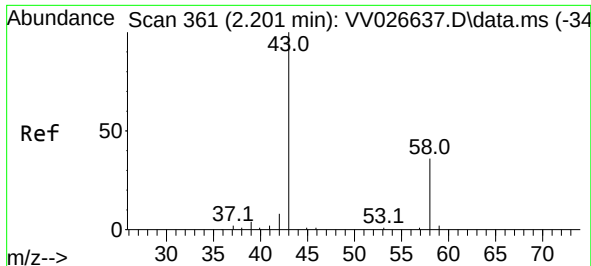
Tgt Ion:101 Resp: 72830
 Ion Ratio Lower Upper
 101 100
 85 41.9 34.2 51.4
 151 71.9 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 5.172 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. -0.000 min
 Lab File: VV026655.D
 Acq: 05 Jul 2022 19:59

Tgt Ion: 96 Resp: 67224
 Ion Ratio Lower Upper
 96 100
 61 165.4 115.4 214.4
 63 119.7 87.4 162.2





#13

Acetone

Concen: 70.643 ug/L

RT: 2.211 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV026655.D

Acq: 05 Jul 2022 19:59

Instrument :

MSVOA_V

ClientSampleId :

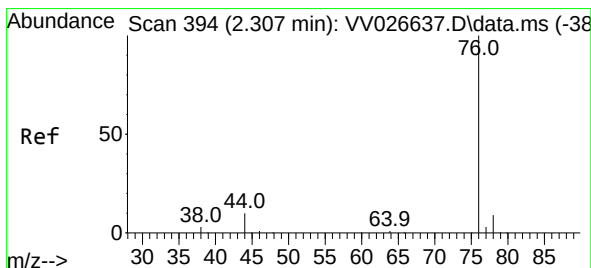
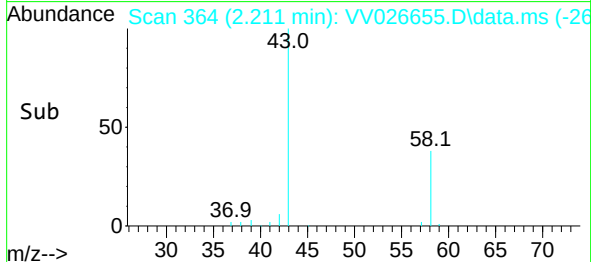
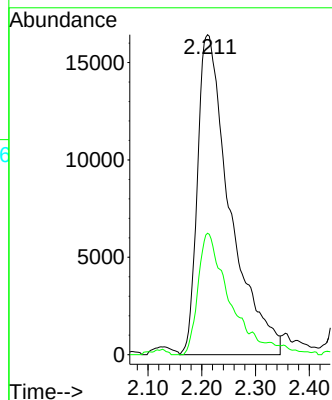
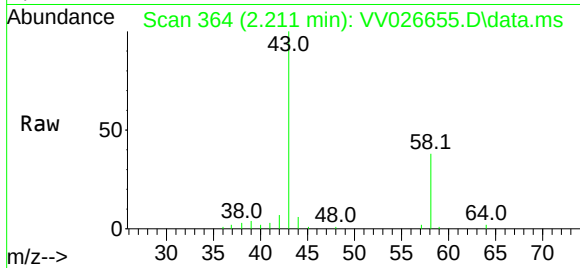
YB324MS

Tgt Ion: 43 Resp: 68960

Ion Ratio Lower Upper

43 100

58 33.4 0.0 75.0



#14

Carbon disulfide

Concen: 4.778 ug/L

RT: 2.304 min Scan# 393

Delta R.T. -0.003 min

Lab File: VV026655.D

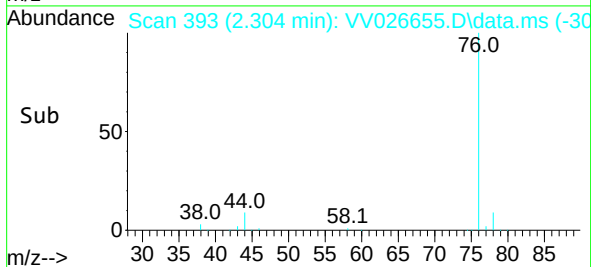
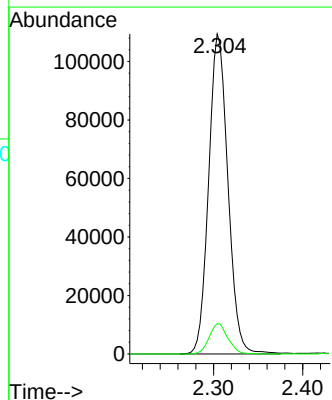
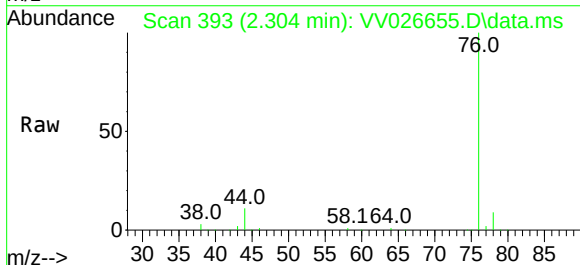
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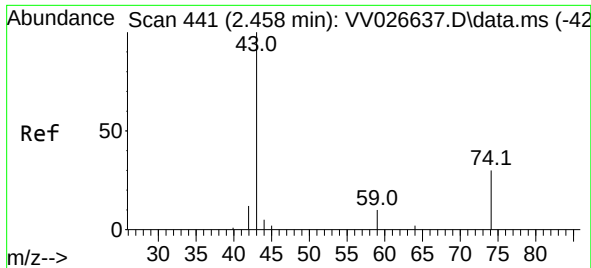
Tgt Ion: 76 Resp: 163853

Ion Ratio Lower Upper

76 100

78 9.5 7.8 11.6

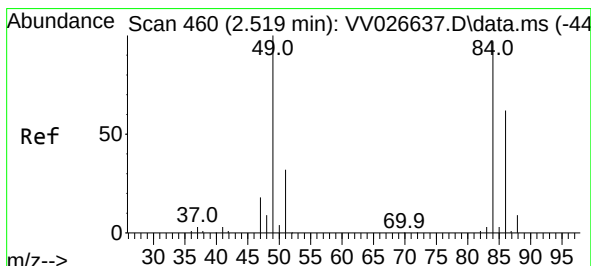
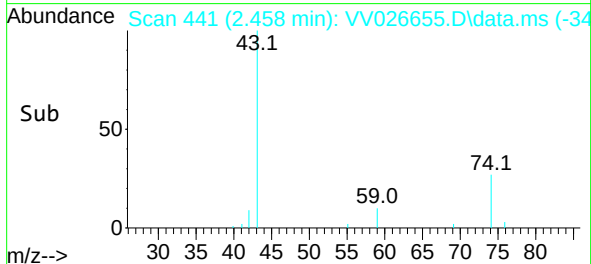
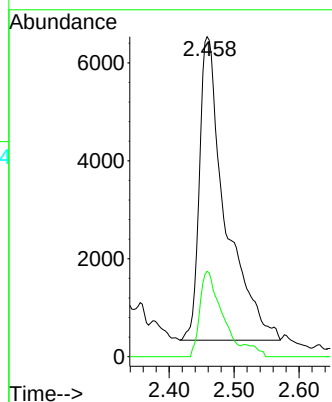
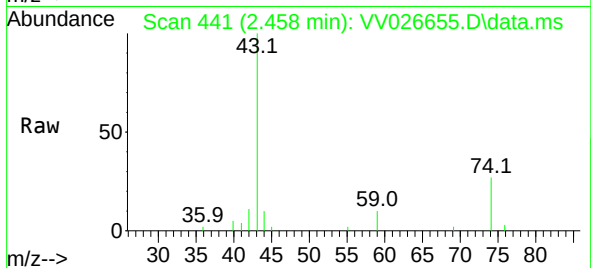




#15
Methyl Acetate
Concen: 6.121 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

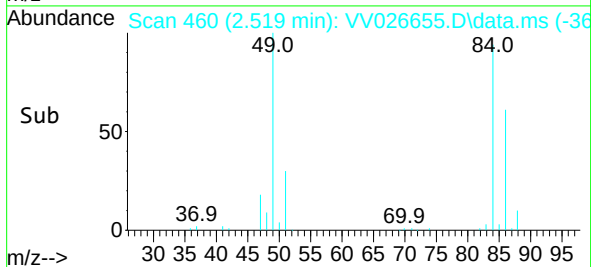
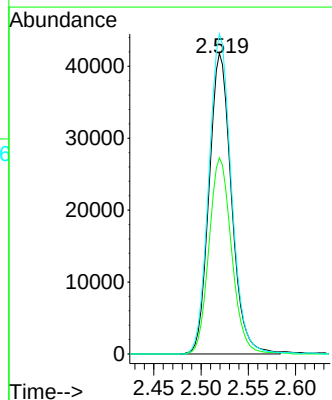
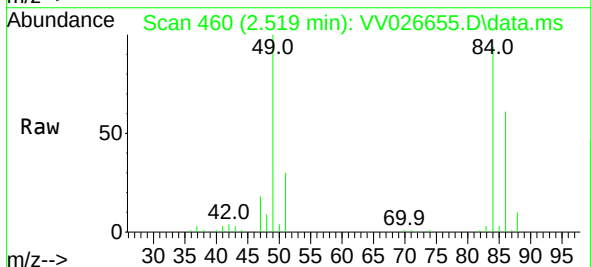
Instrument :
MSVOA_V
ClientSampleId :
YB324MS

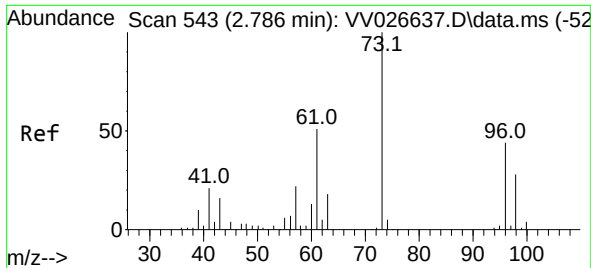
Tgt Ion: 43 Resp: 17229
Ion Ratio Lower Upper
43 100
74 23.4 22.1 33.1



#16
Methylene chloride
Concen: 4.985 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

Tgt Ion: 84 Resp: 68787
Ion Ratio Lower Upper
84 100
86 65.2 46.0 85.4
49 106.4 77.7 144.3

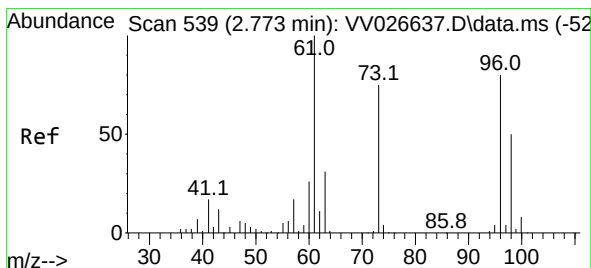
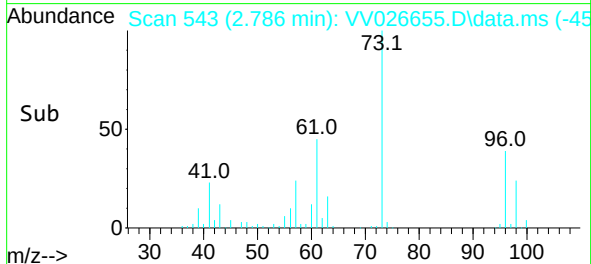
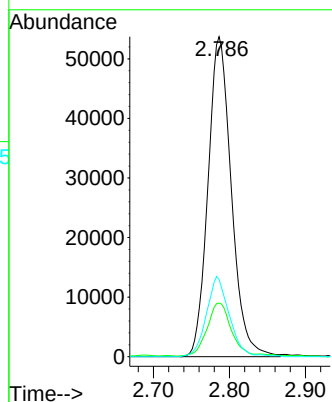
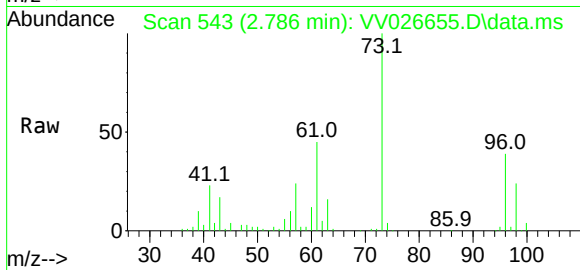




#17
Methyl tert-butyl Ether
Concen: 5.410 ug/L
RT: 2.786 min Scan# 543
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

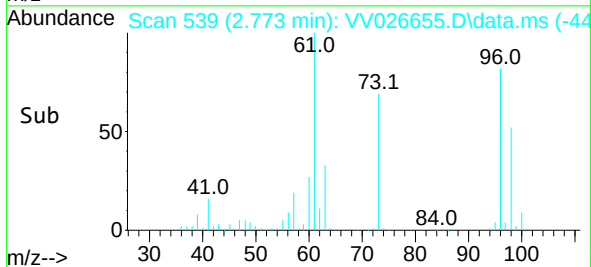
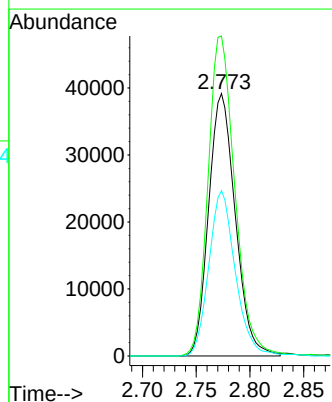
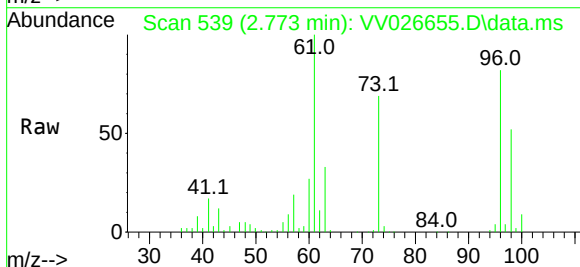
Instrument :
MSVOA_V
ClientSampleId :
YB324MS

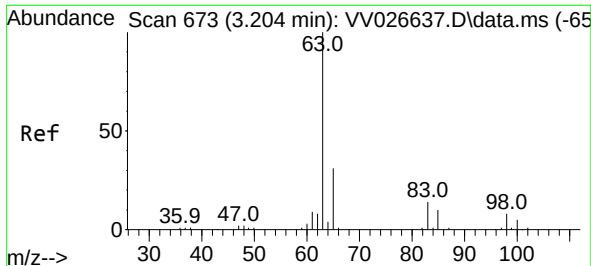
Tgt Ion: 73 Resp: 114609
Ion Ratio Lower Upper
73 100
43 16.9 13.3 19.9
57 24.2 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 5.094 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

Tgt Ion: 96 Resp: 67559
Ion Ratio Lower Upper
96 100
61 121.9 90.4 167.8
98 63.0 45.6 84.8





#19

1,1-Dichloroethane

Concen: 5.277 ug/L

RT: 3.201 min Scan# 61

Delta R.T. -0.003 min

Lab File: VV026655.D

Acq: 05 Jul 2022 19:59

Instrument :

MSVOA_V

ClientSampleId :

YB324MS

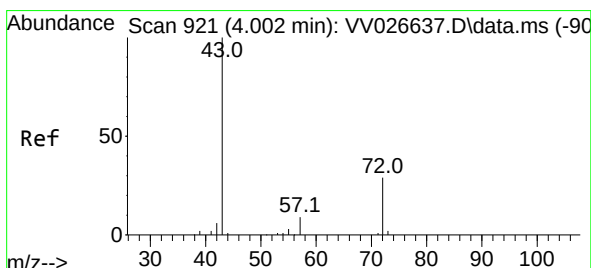
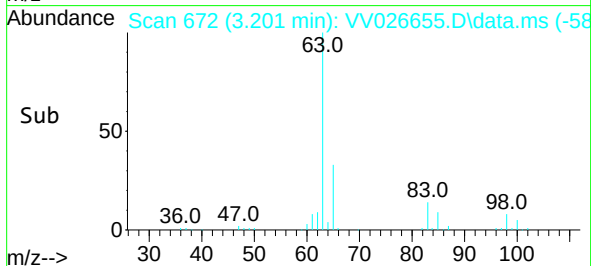
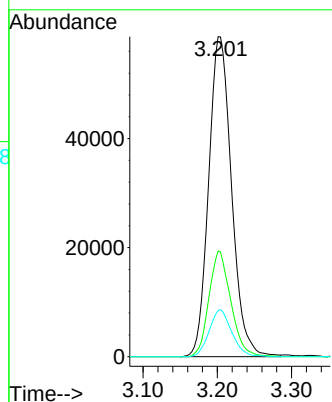
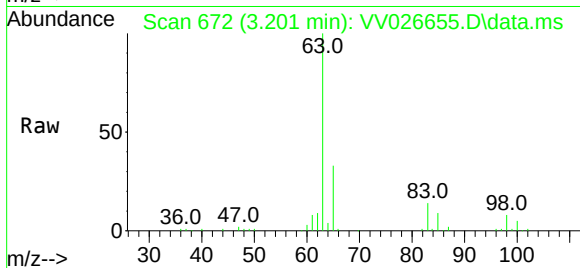
Tgt Ion: 63 Resp: 125674

Ion Ratio Lower Upper

63 100

65 33.0 23.0 42.6

83 14.5 10.2 19.0



#21

2-Butanone

Concen: 66.249 ug/L

RT: 4.002 min Scan# 921

Delta R.T. 0.000 min

Lab File: VV026655.D

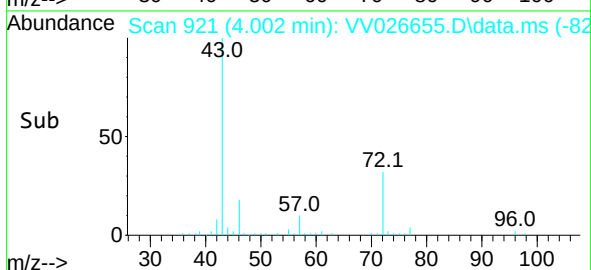
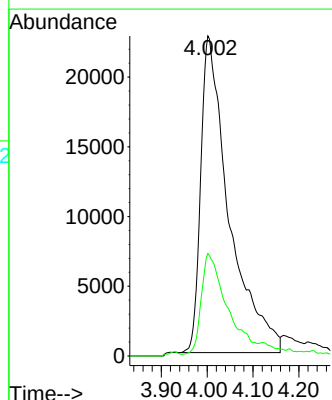
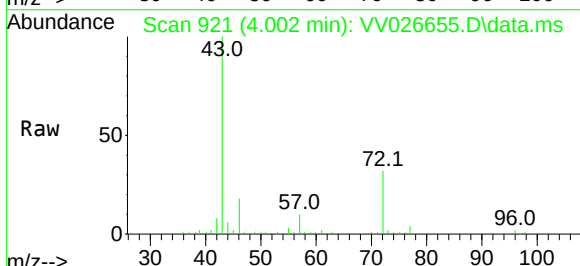
Acq: 05 Jul 2022 19:59

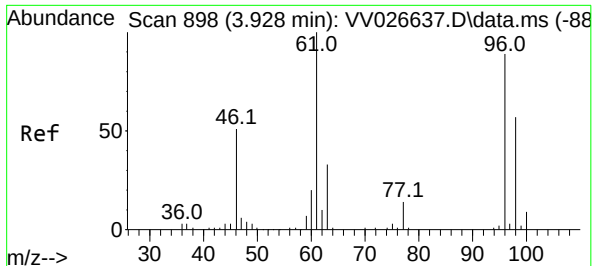
Tgt Ion: 43 Resp: 97289

Ion Ratio Lower Upper

43 100

72 28.8 13.5 40.5





#22

cis-1,2-Dichloroethene

Concen: 6.108 ug/L

RT: 3.924 min Scan# 89

Delta R.T. -0.003 min

Lab File: VV026655.D

Acq: 05 Jul 2022 19:59

Instrument :

MSVOA_V

ClientSampleId :

YB324MS

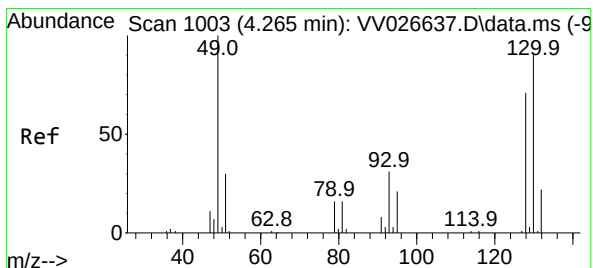
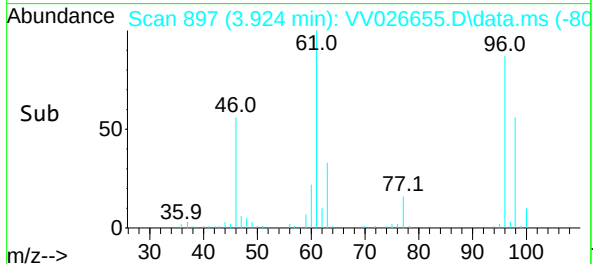
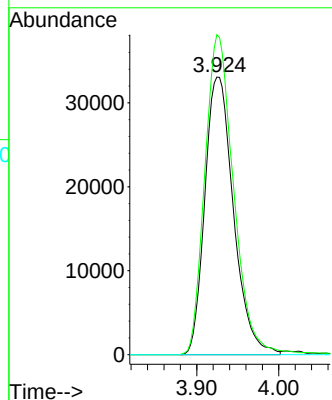
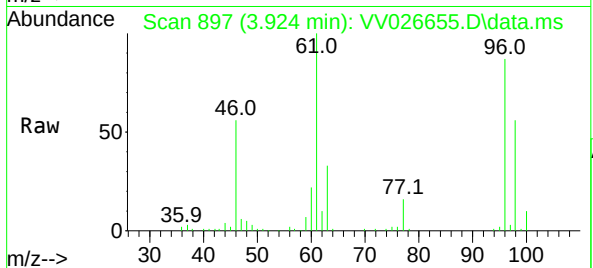
Tgt Ion: 96 Resp: 80437

Ion Ratio Lower Upper

96 100

61 115.3 82.0 152.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.902 ug/L

RT: 4.262 min Scan# 1002

Delta R.T. -0.003 min

Lab File: VV026655.D

Acq: 05 Jul 2022 19:59

Tgt Ion: 128 Resp: 32011

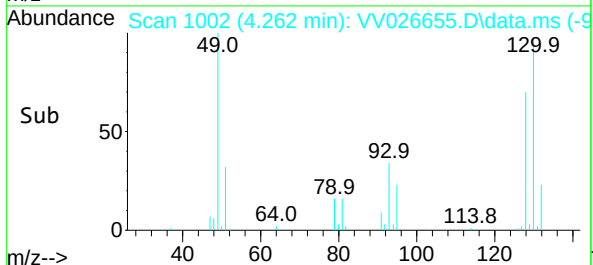
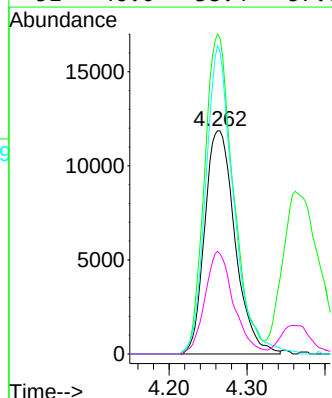
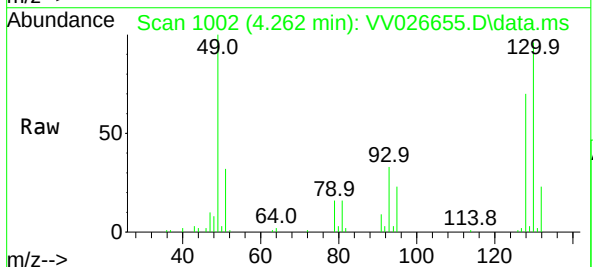
Ion Ratio Lower Upper

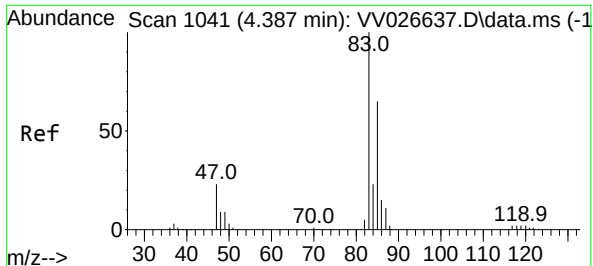
128 100

49 143.4 104.0 193.1

130 138.0 93.4 173.6

51 46.0 38.4 57.6

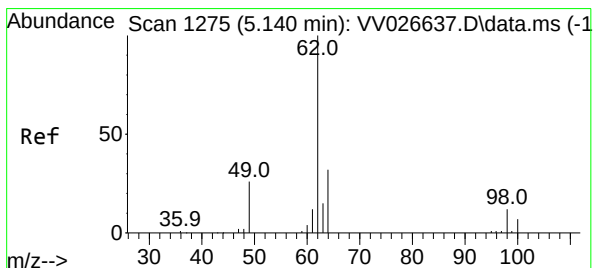
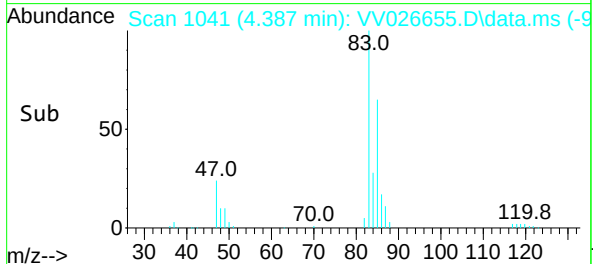
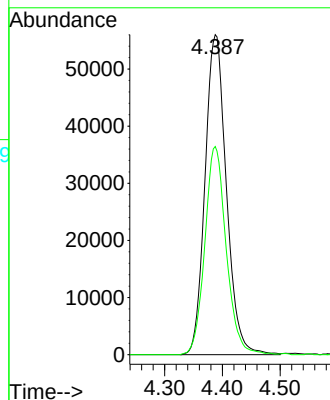
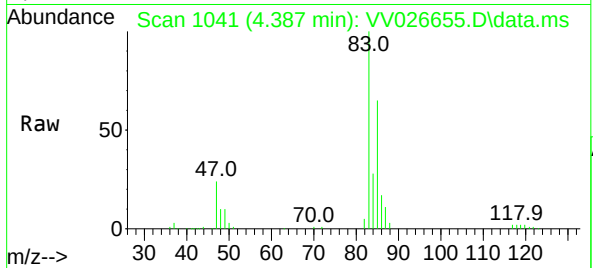




#25
Chloroform
Concen: 5.651 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

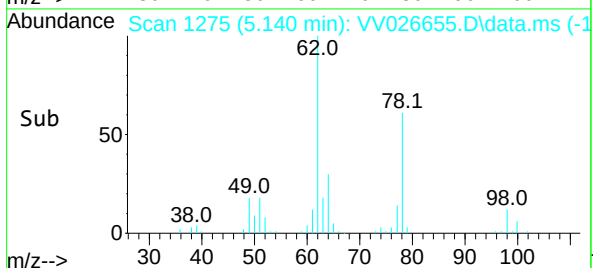
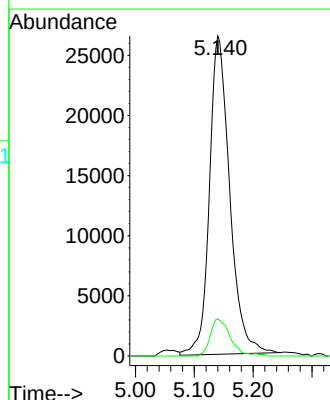
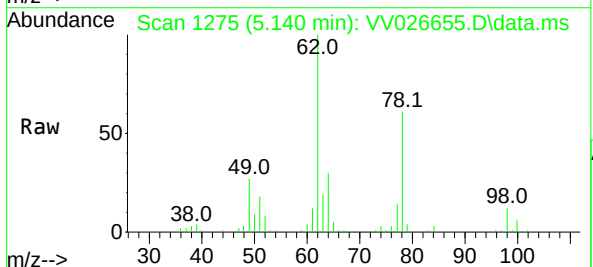
Instrument :
MSVOA_V
ClientSampleId :
YB324MS

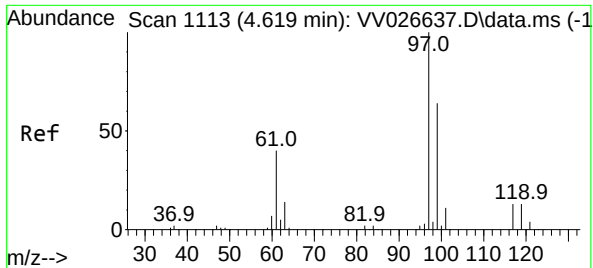
Tgt Ion: 83 Resp: 143949
Ion Ratio Lower Upper
83 100
85 65.0 44.0 81.8



#27
1,2-Dichloroethane
Concen: 5.595 ug/L
RT: 5.140 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

Tgt Ion: 62 Resp: 63435
Ion Ratio Lower Upper
62 100
98 11.6 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 5.115 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.000 min

Lab File: VV026655.D

Acq: 05 Jul 2022 19:59

Instrument :

MSVOA_V

ClientSampleId :

YB324MS

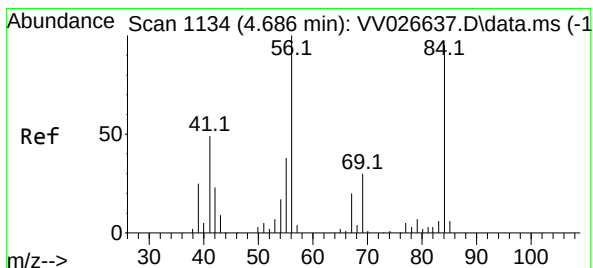
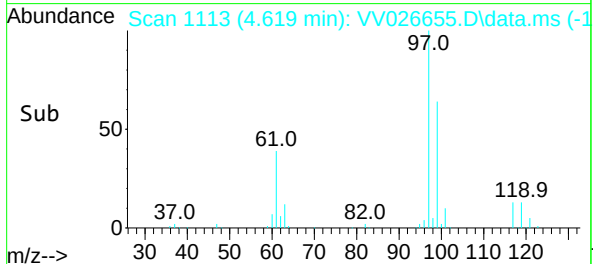
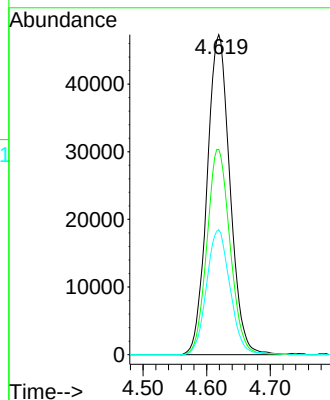
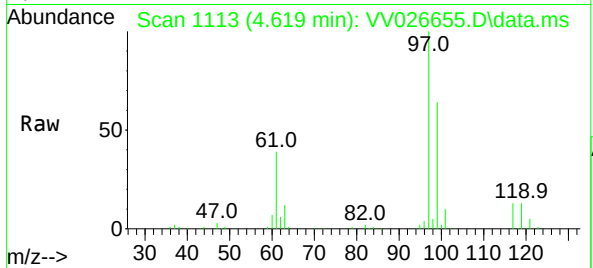
Tgt Ion: 97 Resp: 118120

Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

61 40.1 33.0 49.4



#30

Cyclohexane

Concen: 4.213 ug/L

RT: 4.686 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VV026655.D

Acq: 05 Jul 2022 19:59

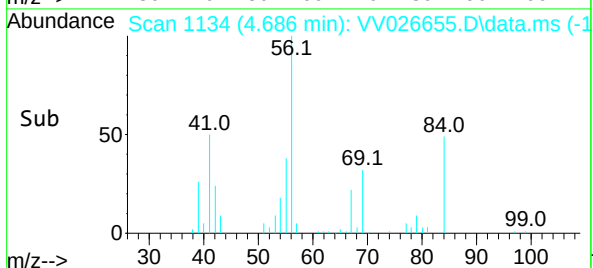
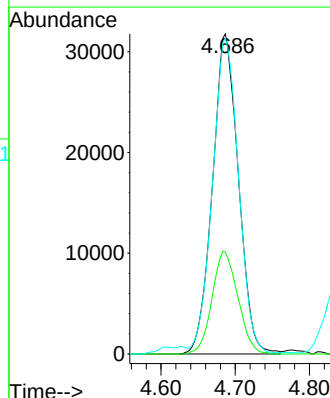
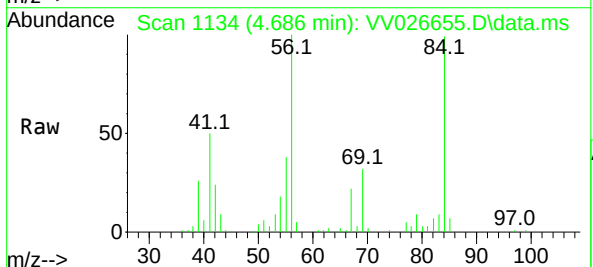
Tgt Ion: 56 Resp: 77043

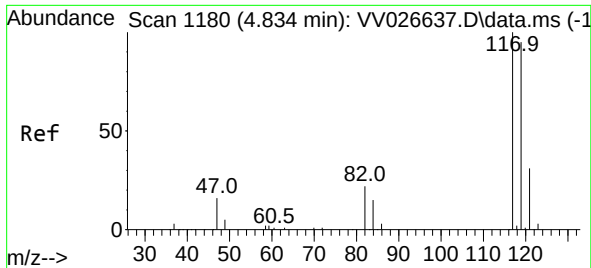
Ion Ratio Lower Upper

56 100

69 31.9 25.4 38.2

84 98.3 77.8 116.6

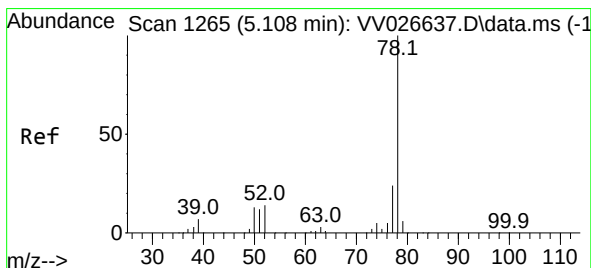
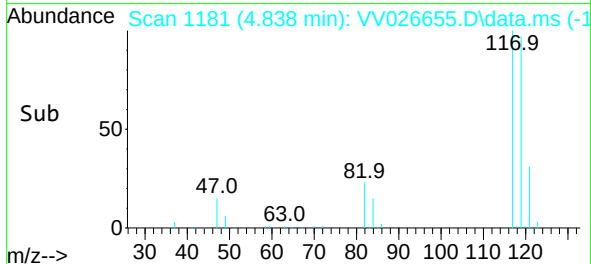
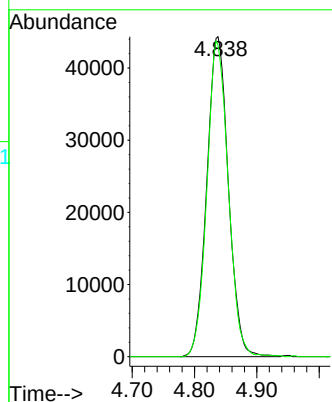
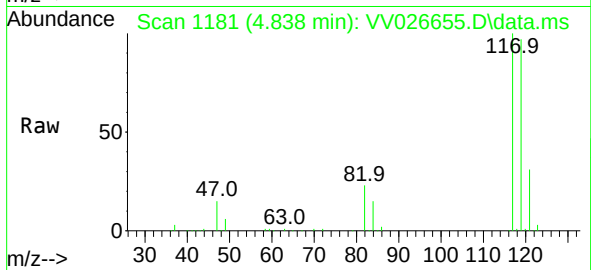




#31
Carbon tetrachloride
Concen: 5.515 ug/L
RT: 4.838 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

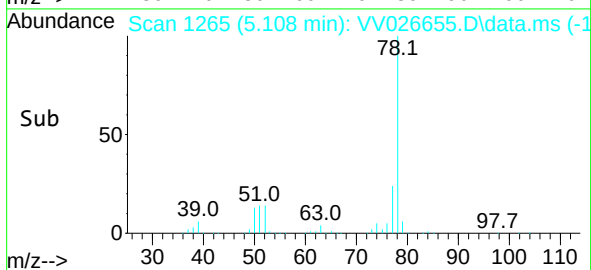
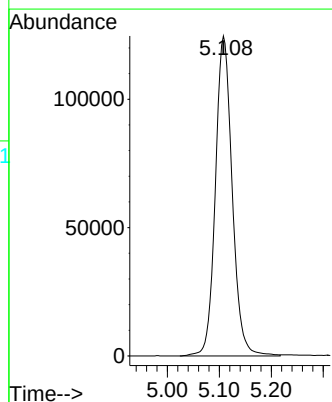
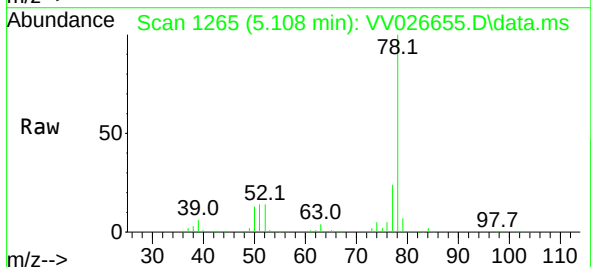
Instrument :
MSVOA_V
ClientSampleId :
YB324MS

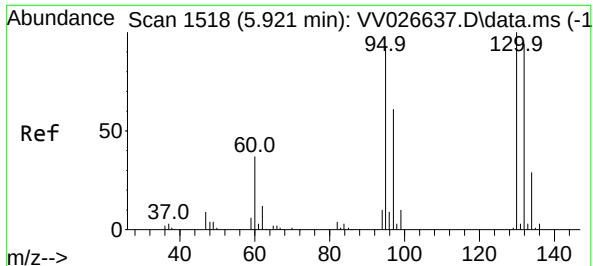
Tgt Ion:117 Resp: 106841
Ion Ratio Lower Upper
117 100
119 97.2 76.9 115.3



#33
Benzene
Concen: 5.113 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

Tgt Ion: 78 Resp: 280183

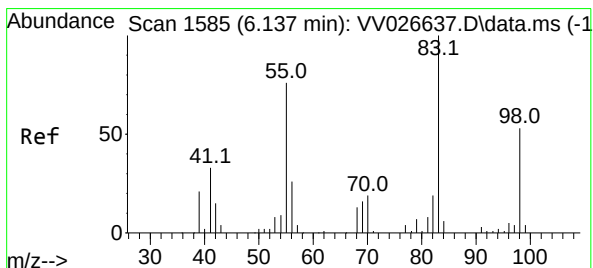
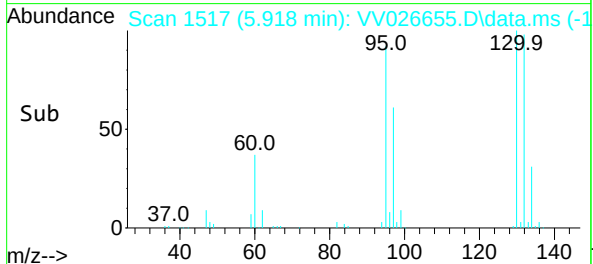
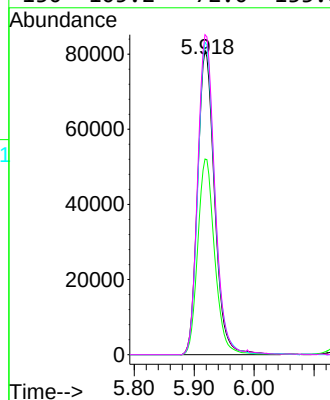
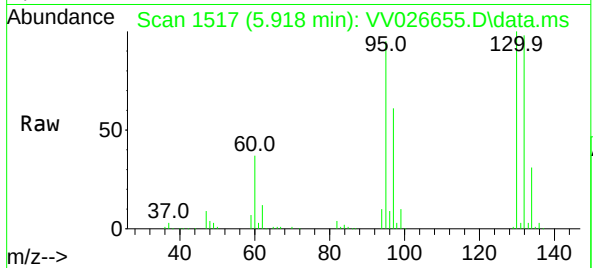




#34
Trichloroethene
Concen: 11.071 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.003 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

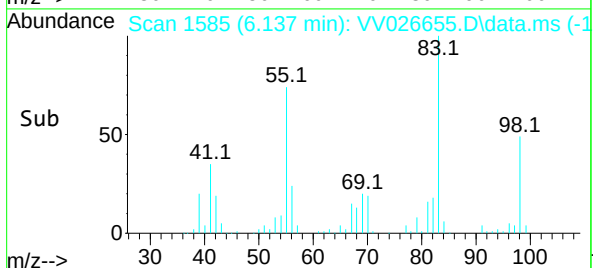
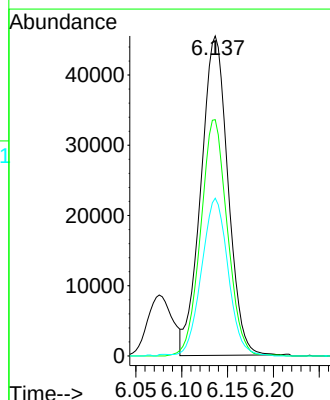
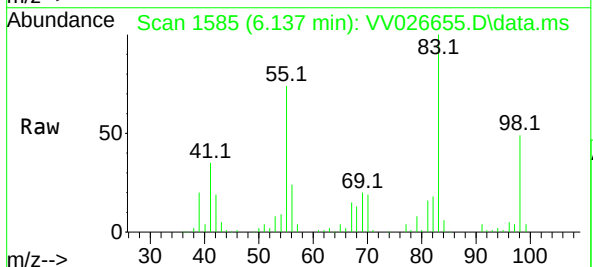
Instrument :
MSVOA_V
ClientSampleId :
YB324MS

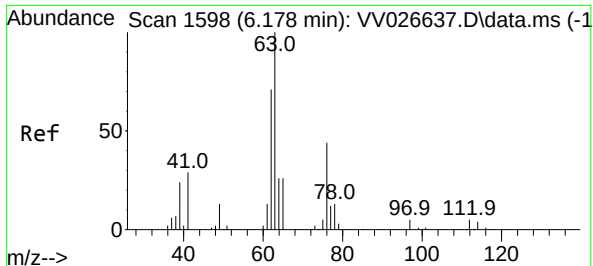
Tgt Ion: 95 Resp: 159503
Ion Ratio Lower Upper
95 100
97 64.4 46.8 87.0
132 102.7 69.9 129.7
130 105.2 72.0 133.8



#35
Methylcyclohexane
Concen: 4.378 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

Tgt Ion: 83 Resp: 93302
Ion Ratio Lower Upper
83 100
55 72.9 57.0 85.4
98 48.6 39.8 59.8





#37

1,2-Dichloropropane

Concen: 5.191 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026655.D

Acq: 05 Jul 2022 19:59

Instrument :

MSVOA_V

ClientSampleId :

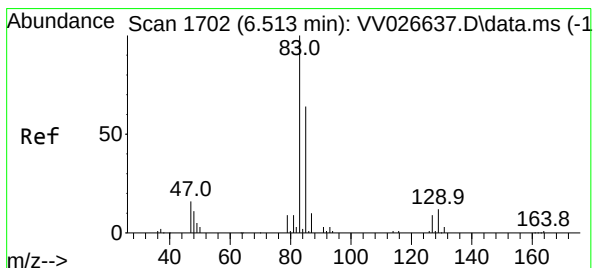
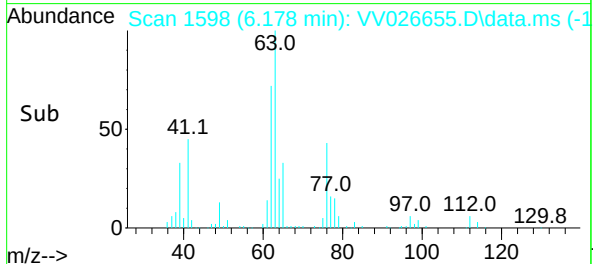
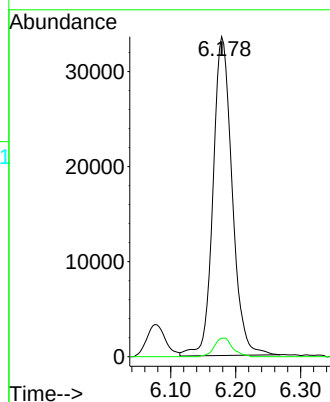
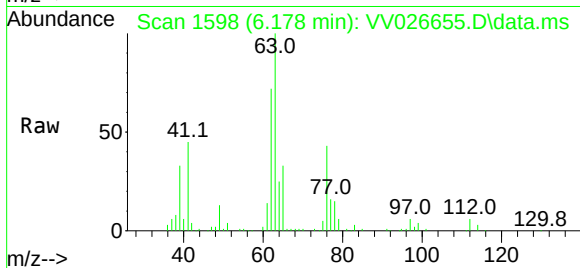
YB324MS

Tgt Ion: 63 Resp: 68571

Ion Ratio Lower Upper

63 100

112 5.6 4.2 6.4



#38

Bromodichloromethane

Concen: 5.483 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VV026655.D

Acq: 05 Jul 2022 19:59

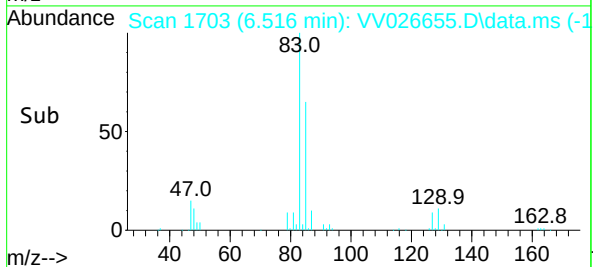
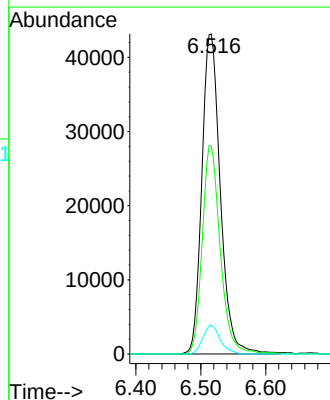
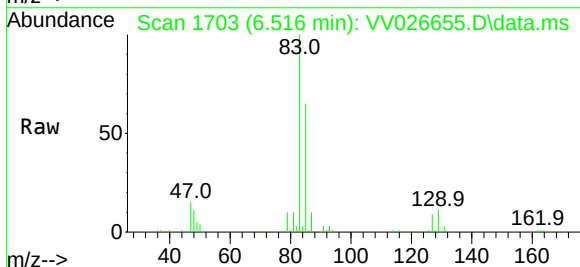
Tgt Ion: 83 Resp: 85496

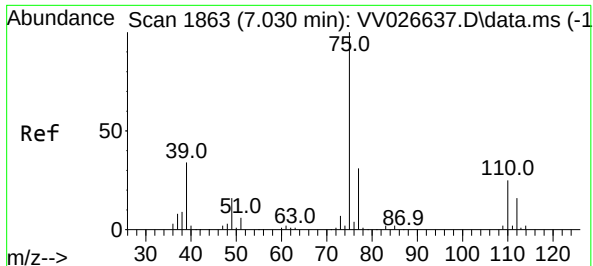
Ion Ratio Lower Upper

83 100

85 64.9 44.0 81.8

127 8.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.275 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV026655.D

Acq: 05 Jul 2022 19:59

Instrument :

MSVOA_V

ClientSampleId :

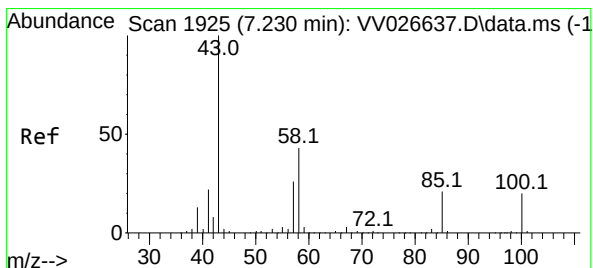
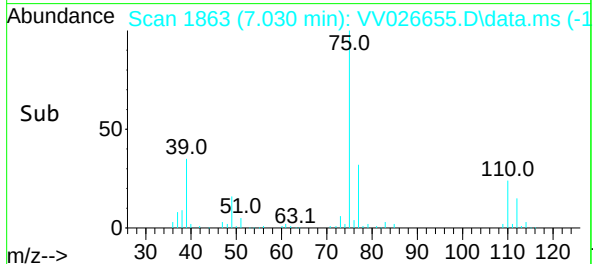
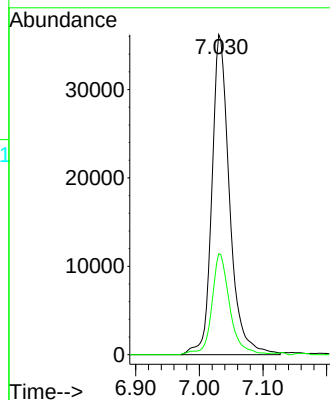
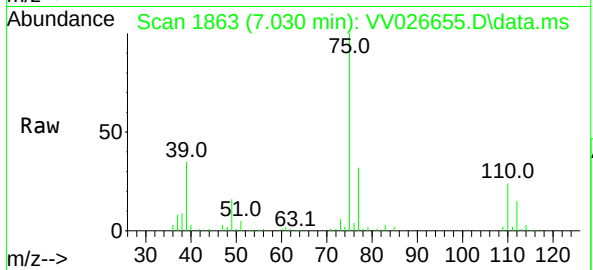
YB324MS

Tgt Ion: 75 Resp: 70024

Ion Ratio Lower Upper

75 100

77 31.5 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 57.213 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV026655.D

Acq: 05 Jul 2022 19:59

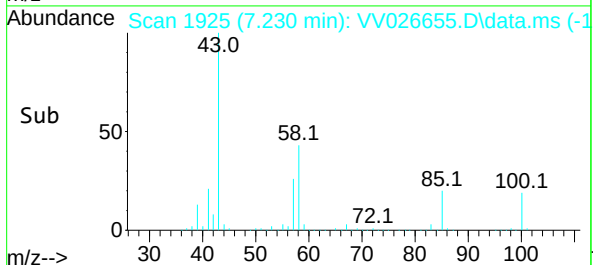
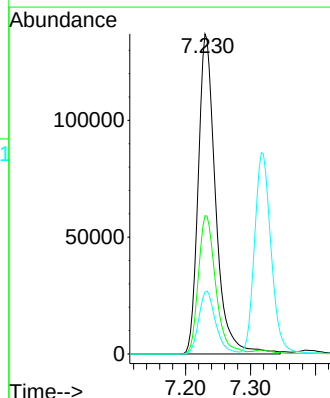
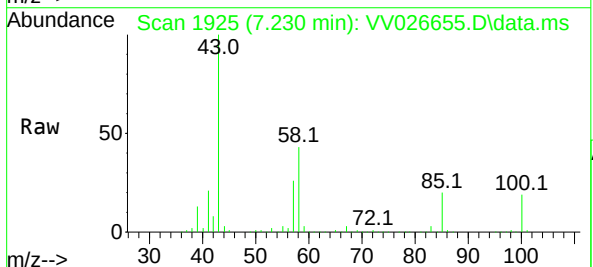
Tgt Ion: 43 Resp: 255249

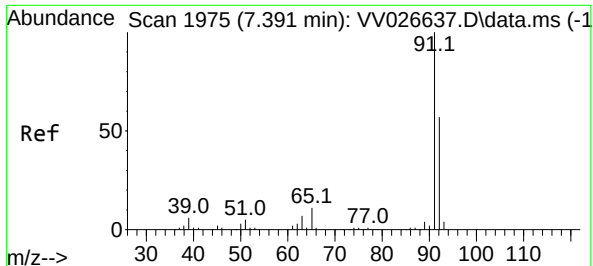
Ion Ratio Lower Upper

43 100

58 43.0 33.3 49.9

100 19.0 14.3 21.5





#42

Toluene

Concen: 5.280 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV026655.D

Acq: 05 Jul 2022 19:59

Instrument :

MSVOA_V

ClientSampleId :

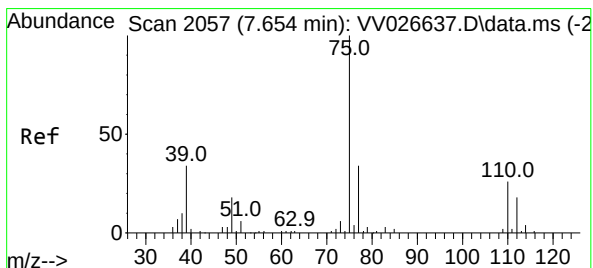
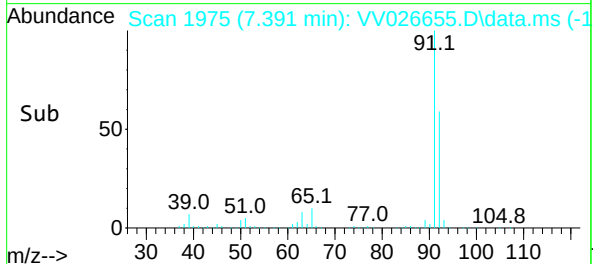
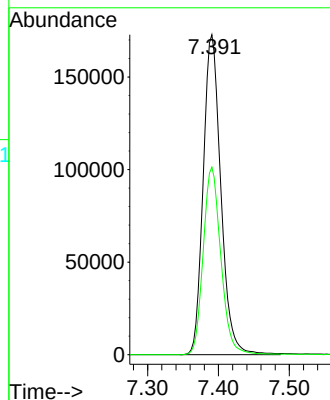
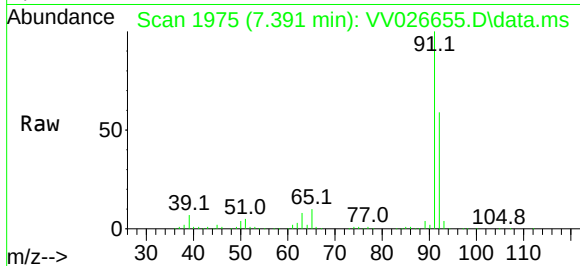
YB324MS

Tgt Ion: 91 Resp: 298729

Ion Ratio Lower Upper

91 100

92 58.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.663 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VV026655.D

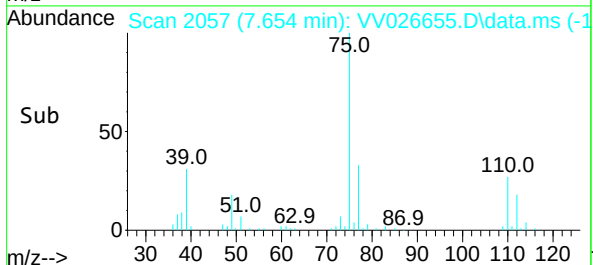
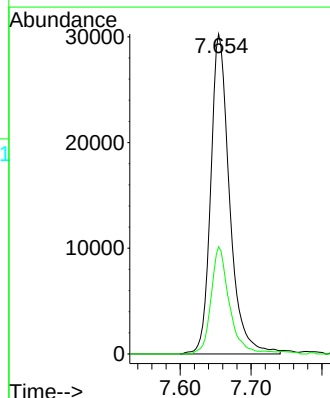
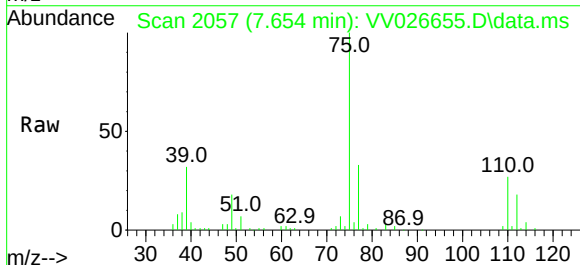
Acq: 05 Jul 2022 19:59

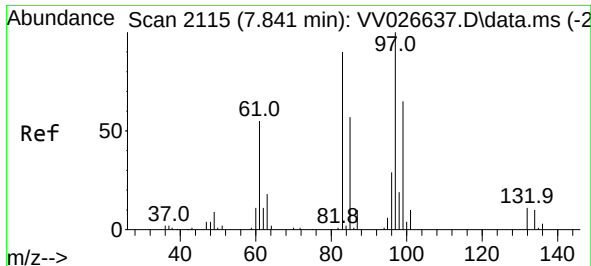
Tgt Ion: 75 Resp: 55919

Ion Ratio Lower Upper

75 100

77 33.5 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 5.688 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.000 min

Lab File: VV026655.D

Acq: 05 Jul 2022 19:59

Instrument :

MSVOA_V

ClientSampleId :

YB324MS

Tgt Ion: 97 Resp: 47373

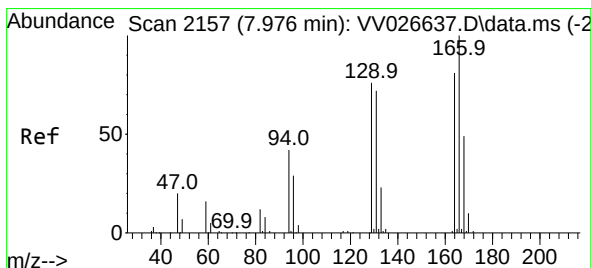
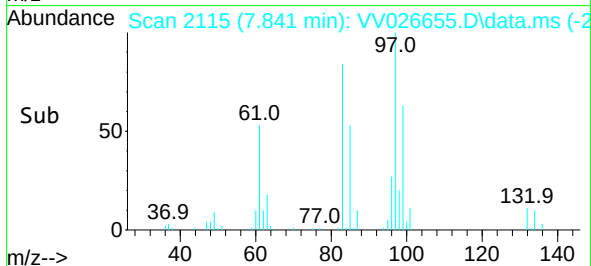
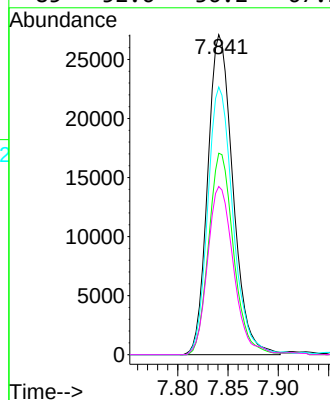
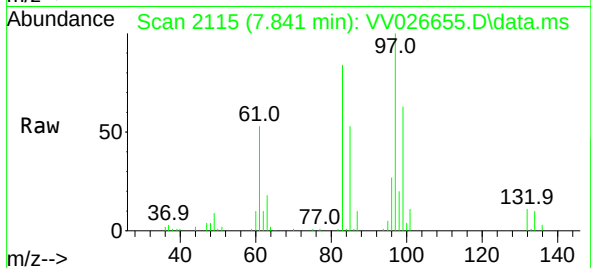
Ion Ratio Lower Upper

97 100

99 62.9 43.4 80.6

83 83.6 58.0 107.8

85 52.6 36.2 67.2



#47

Tetrachloroethene

Concen: 6.084 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV026655.D

Acq: 05 Jul 2022 19:59

Tgt Ion: 164 Resp: 69784

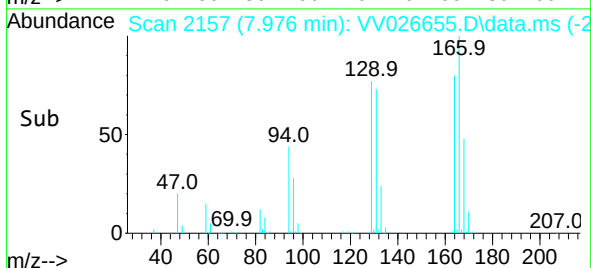
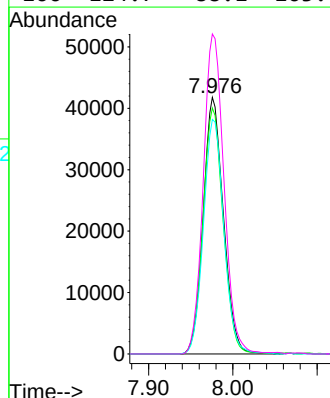
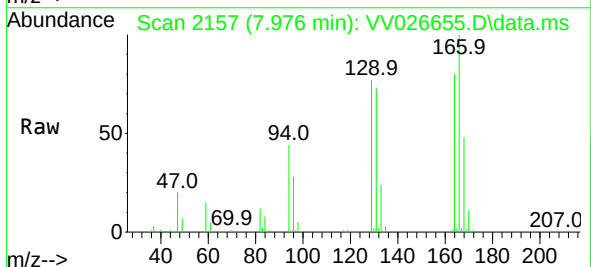
Ion Ratio Lower Upper

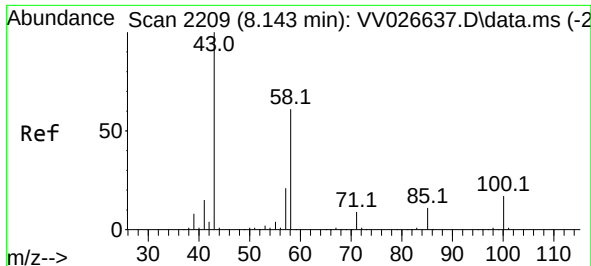
164 100

129 95.8 66.4 123.2

131 91.4 64.4 119.6

166 124.7 88.1 163.7



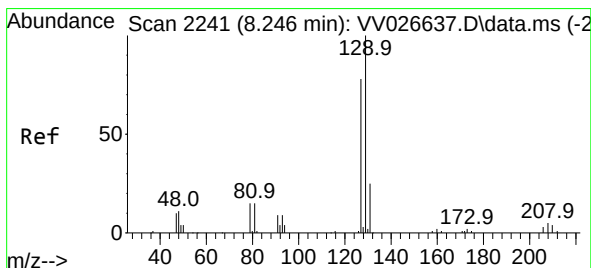
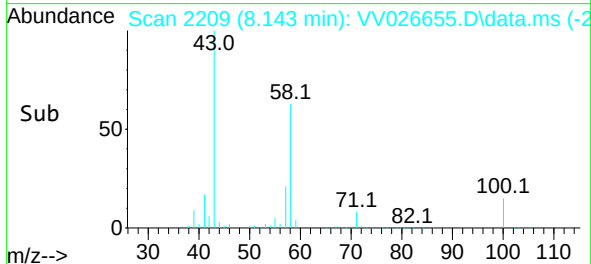
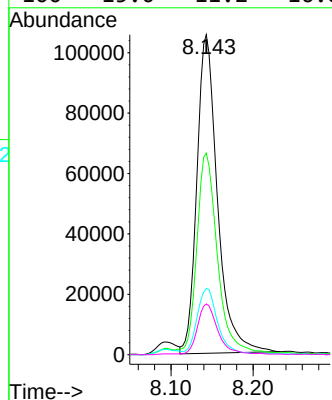
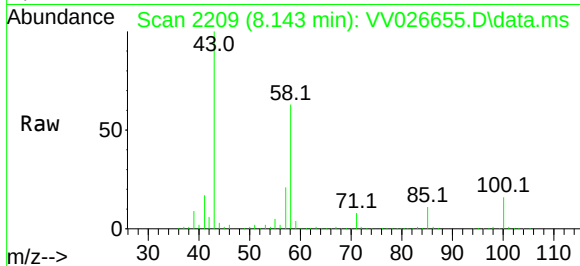


#48
2-Hexanone
Concen: 59.345 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

Instrument :
MSVOA_V
ClientSampleId :
YB324MS

Tgt Ion: 43 Resp: 184303

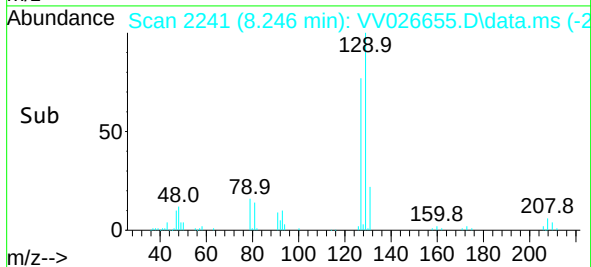
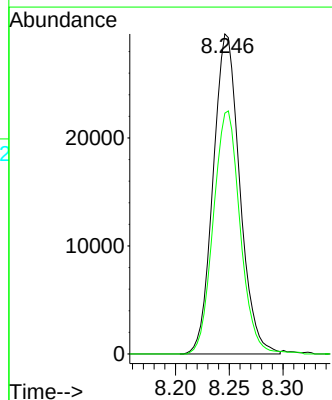
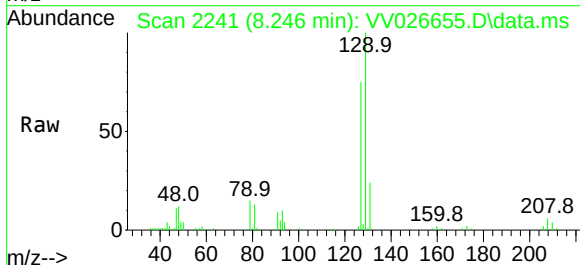
Ion	Ratio	Lower	Upper
43	100		
58	62.6	47.8	71.6
57	20.9	15.0	22.6
100	15.0	11.2	16.8

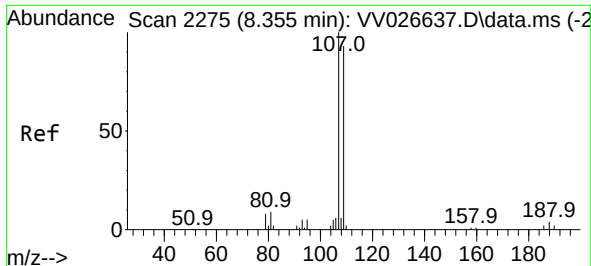


#49
Dibromochloromethane
Concen: 6.055 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

Tgt Ion: 129 Resp: 51068

Ion	Ratio	Lower	Upper
129	100		
127	75.2	54.2	100.6





#50

1,2-Dibromoethane

Concen: 5.609 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV026655.D

Acq: 05 Jul 2022 19:59

Instrument :

MSVOA_V

ClientSampleId :

YB324MS

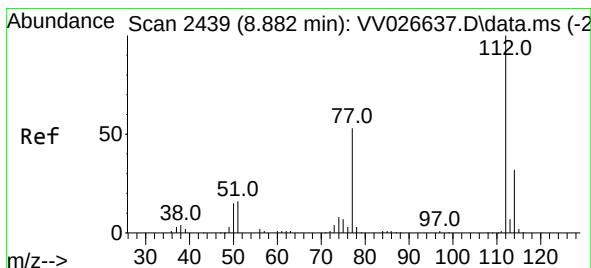
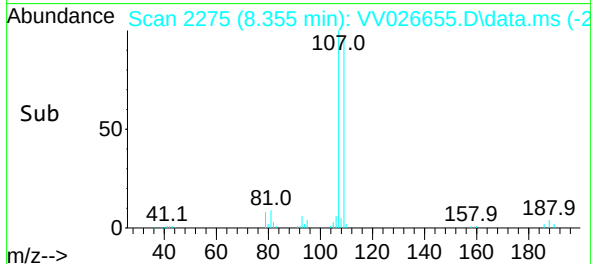
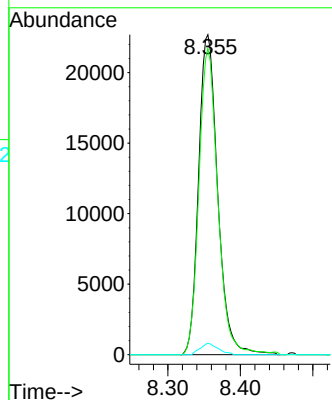
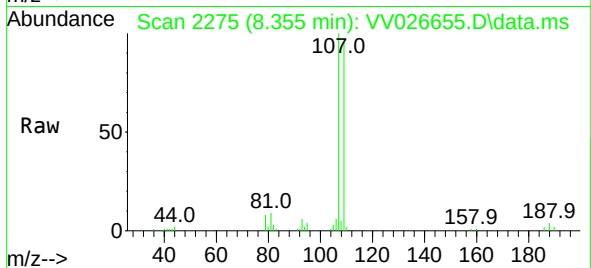
Tgt Ion:107 Resp: 41541

Ion Ratio Lower Upper

107 100

109 95.7 67.8 125.8

188 3.6 3.2 4.8



#51

Chlorobenzene

Concen: 5.108 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV026655.D

Acq: 05 Jul 2022 19:59

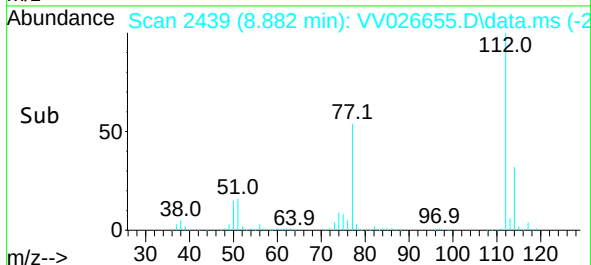
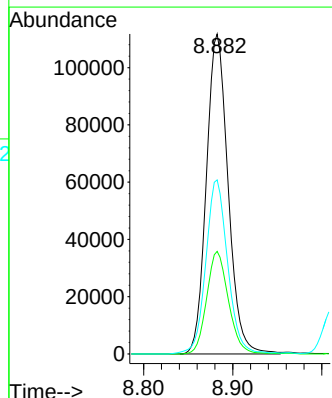
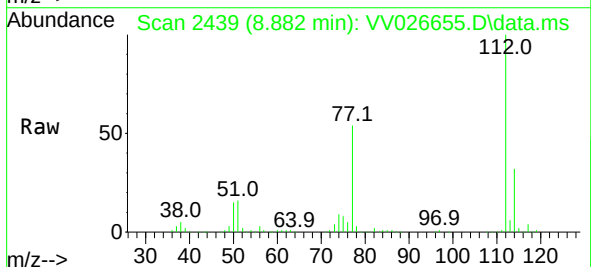
Tgt Ion:112 Resp: 189303

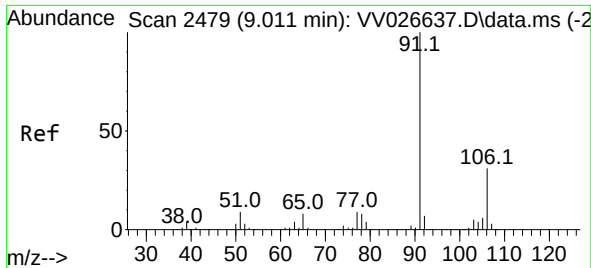
Ion Ratio Lower Upper

112 100

114 32.1 22.3 41.5

77 54.4 44.4 66.6

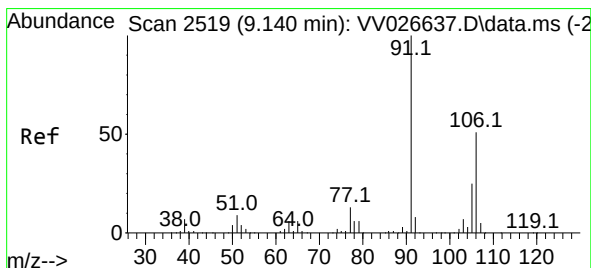
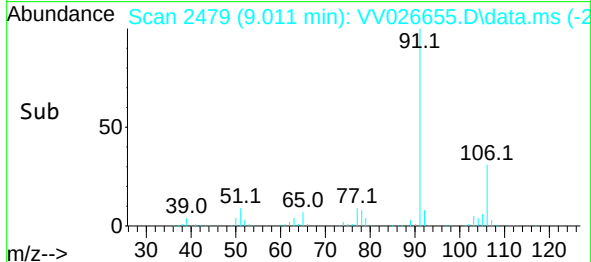
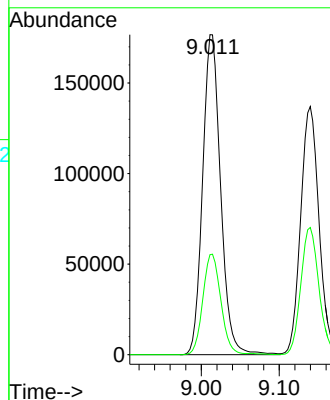
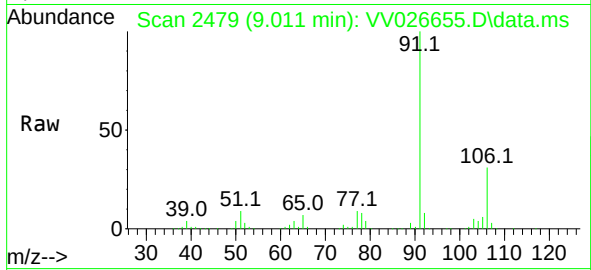




#52
Ethylbenzene
Concen: 4.843 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

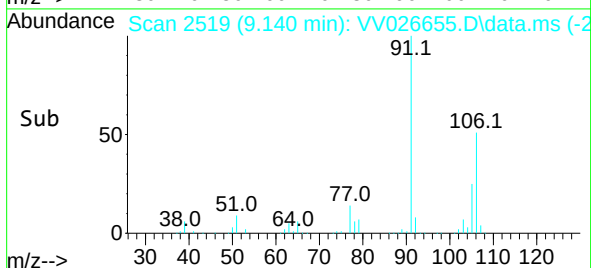
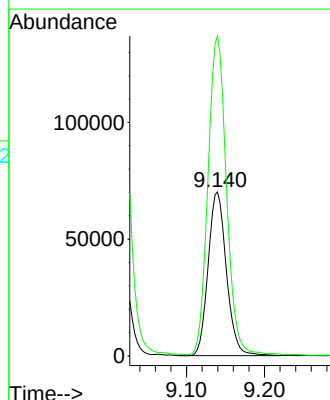
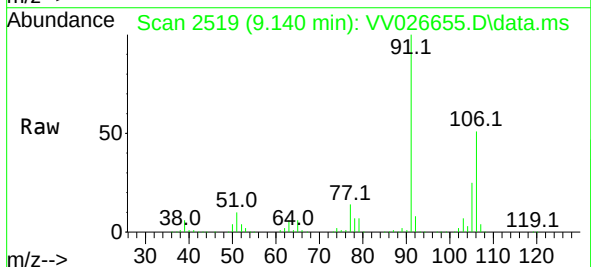
Instrument :
MSVOA_V
ClientSampleId :
YB324MS

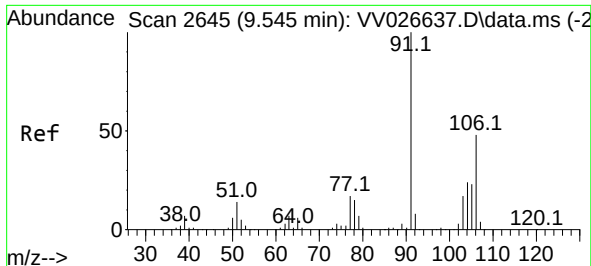
Tgt Ion: 91 Resp: 283331
Ion Ratio Lower Upper
91 100
106 31.2 22.1 41.1



#53
m,p-Xylene
Concen: 5.008 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

Tgt Ion: 106 Resp: 114300
Ion Ratio Lower Upper
106 100
91 195.1 139.9 259.9

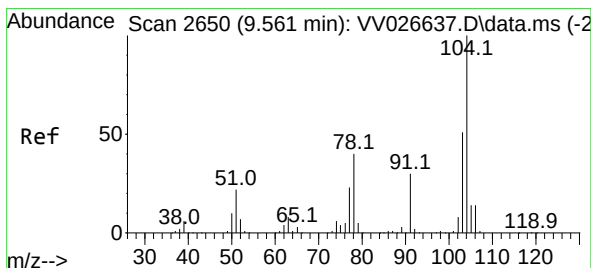
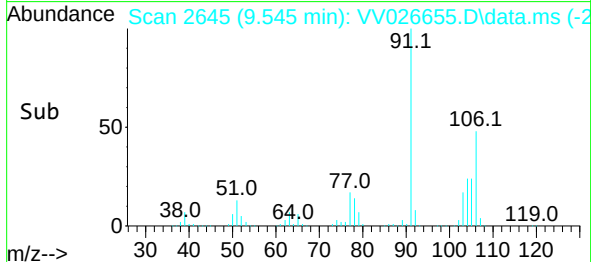
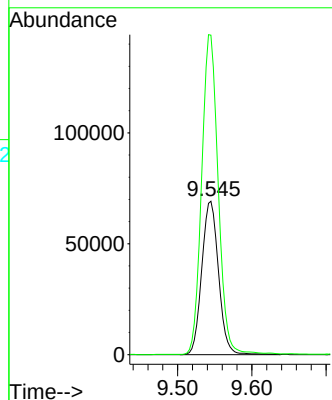
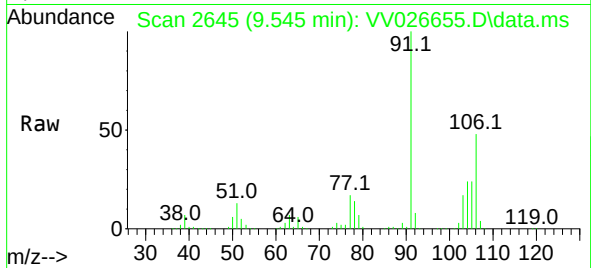




#54
o-Xylene
Concen: 5.053 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

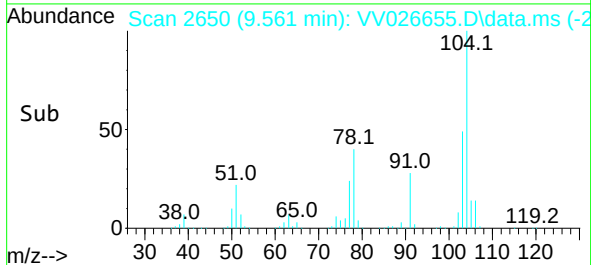
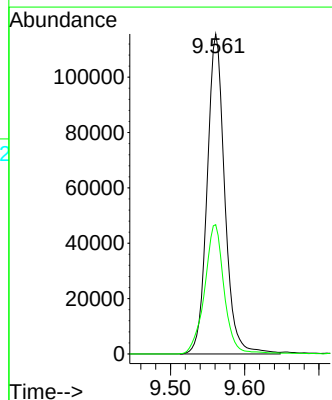
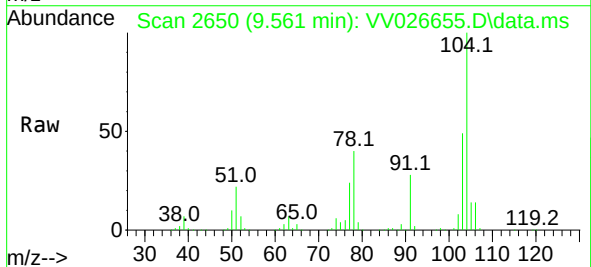
Instrument :
MSVOA_V
ClientSampleId :
YB324MS

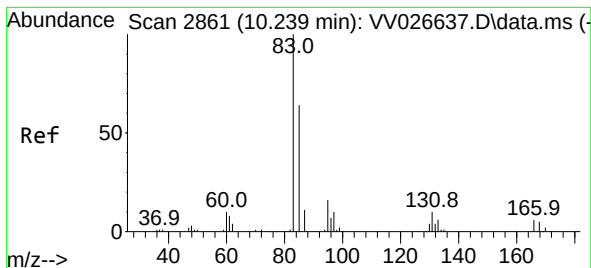
Tgt Ion:106 Resp: 108253
Ion Ratio Lower Upper
106 100
91 208.2 147.5 273.9



#55
Styrene
Concen: 5.353 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

Tgt Ion:104 Resp: 189960
Ion Ratio Lower Upper
104 100
78 40.4 28.4 52.8

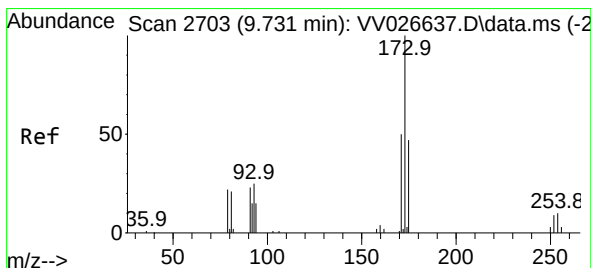
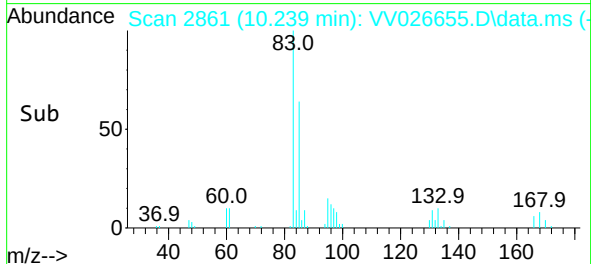
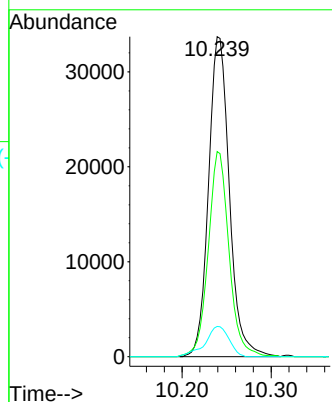
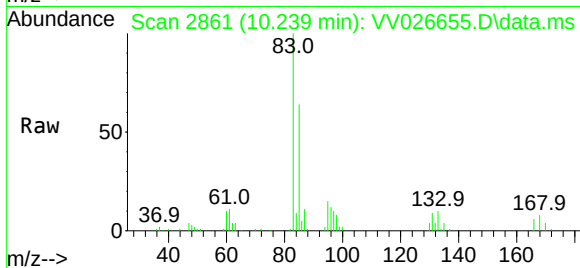




#57
1,1,2,2-Tetrachloroethane
Concen: 5.884 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

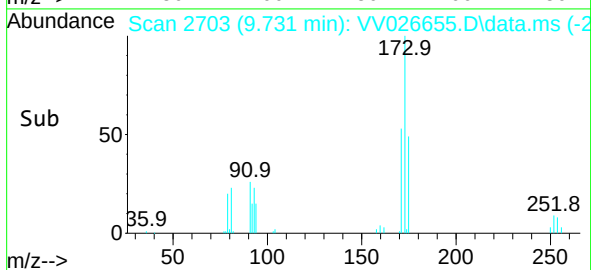
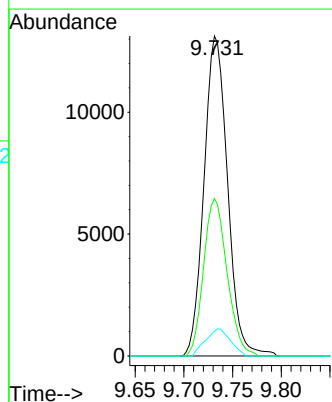
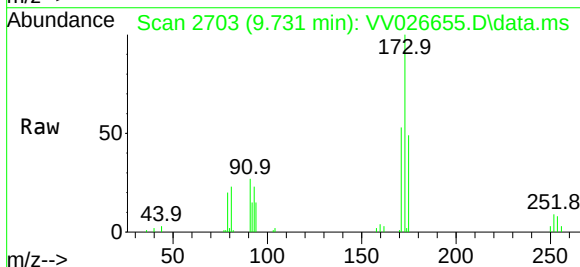
Instrument :
MSVOA_V
ClientSampleId :
YB324MS

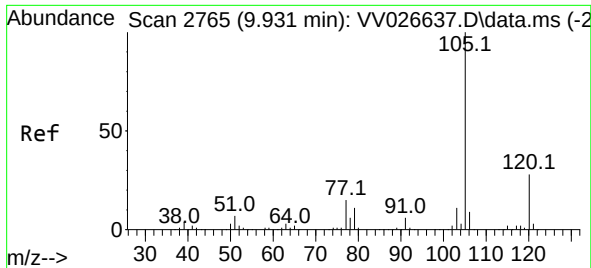
Tgt Ion: 83 Resp: 54725
Ion Ratio Lower Upper
83 100
85 64.1 44.3 82.3
131 9.5 8.0 12.0



#59
Bromoform
Concen: 5.978 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

Tgt Ion: 173 Resp: 22036
Ion Ratio Lower Upper
173 100
175 49.0 37.9 56.9
254 8.9 6.3 9.5

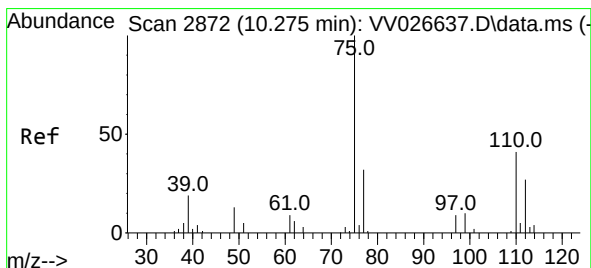
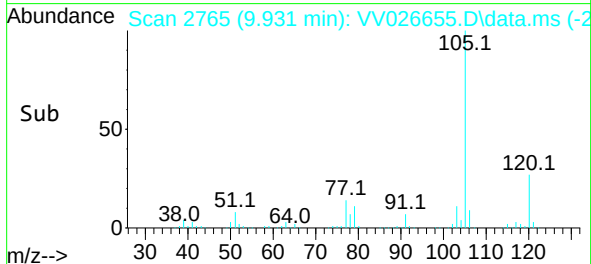
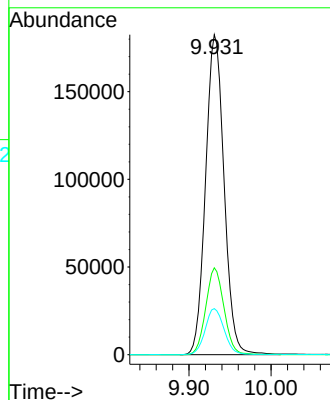
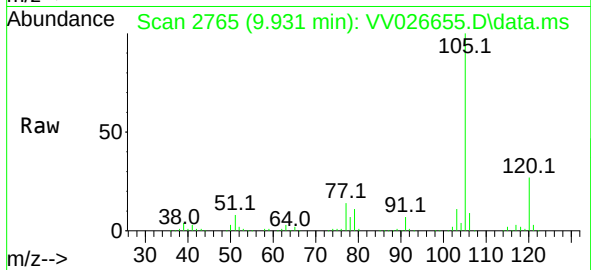




#60
Isopropylbenzene
Concen: 4.635 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

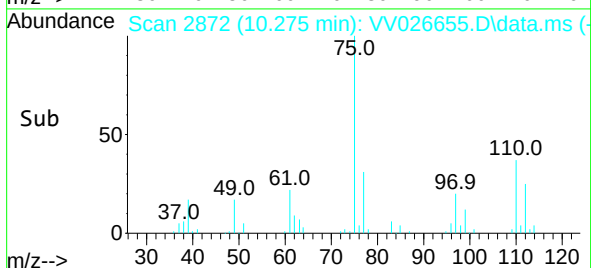
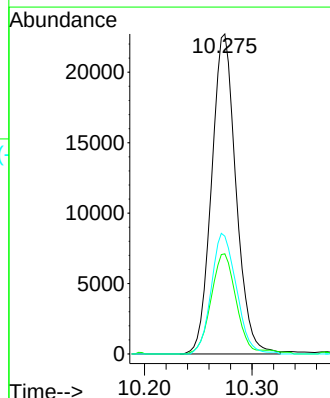
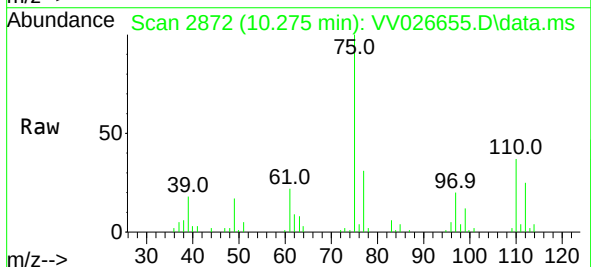
Instrument :
MSVOA_V
ClientSampleId :
YB324MS

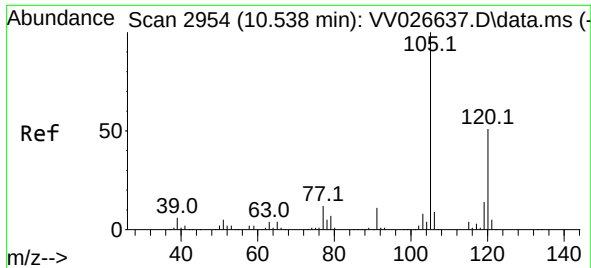
Tgt Ion:105 Resp: 285994
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.2
77 14.8 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 5.534 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

Tgt Ion: 75 Resp: 35848
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.6
110 38.7 32.5 48.7

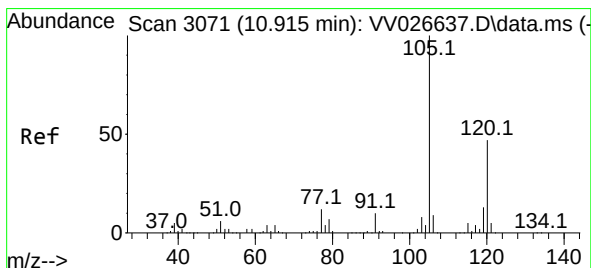
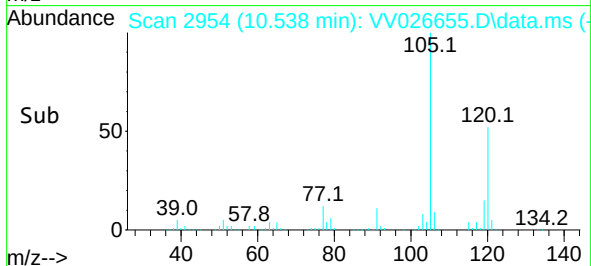
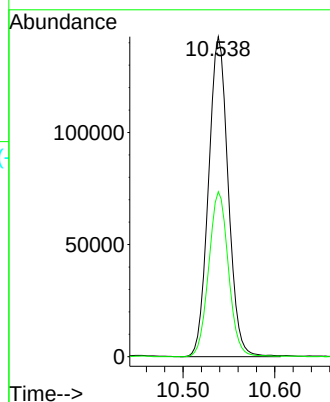
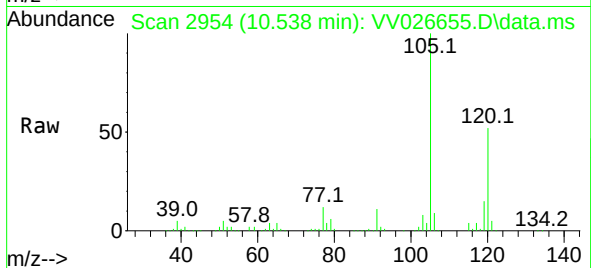




#62
1,3,5-Trimethylbenzene
Concen: 4.368 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

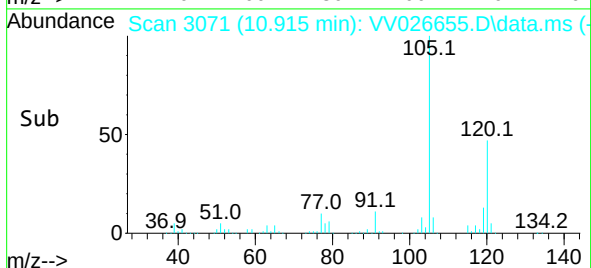
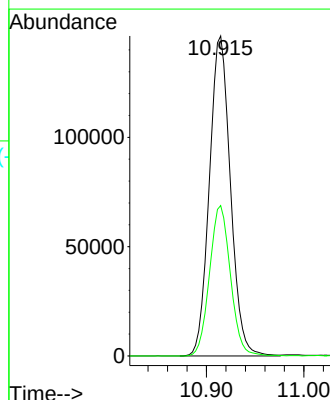
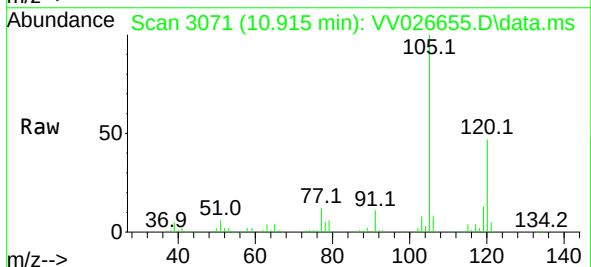
Instrument :
MSVOA_V
ClientSampleId :
YB324MS

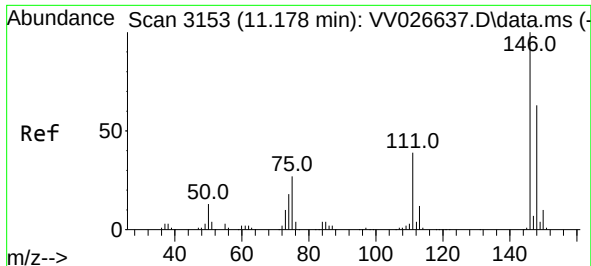
Tgt Ion:105 Resp: 213025
Ion Ratio Lower Upper
105 100
120 51.5 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 4.567 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

Tgt Ion:105 Resp: 219606
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.2

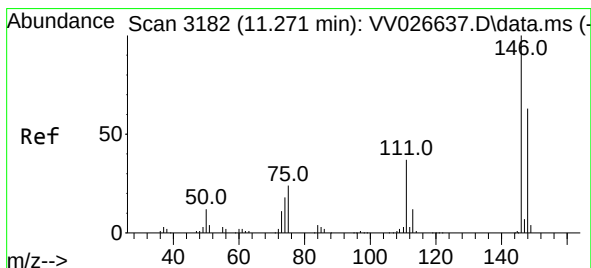
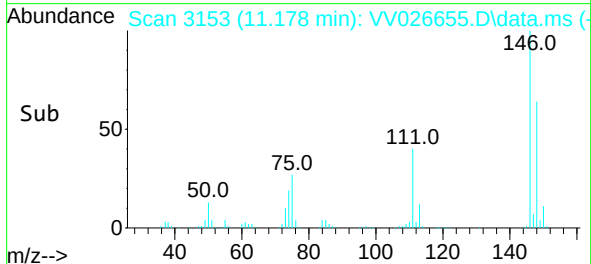
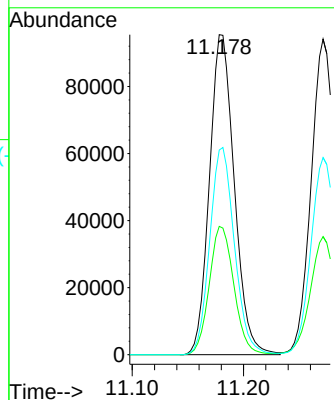
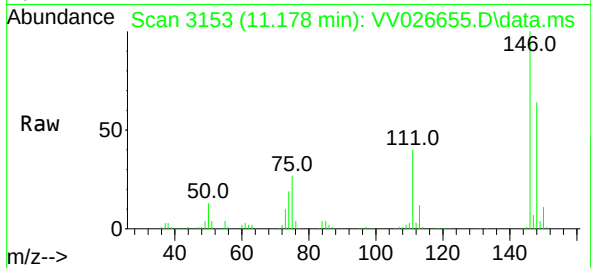




#64
1,3-Dichlorobenzene
Concen: 4.937 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

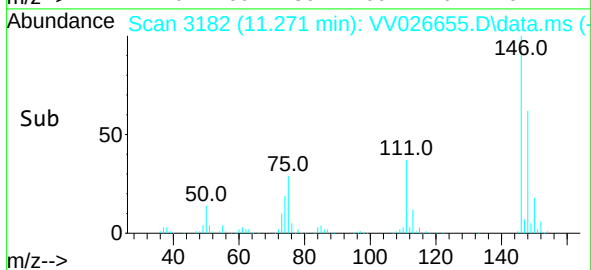
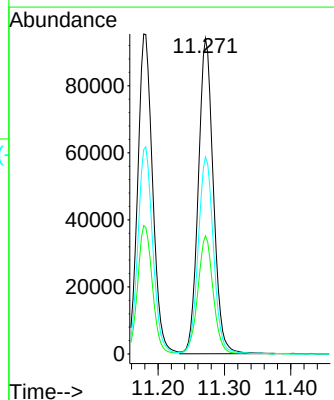
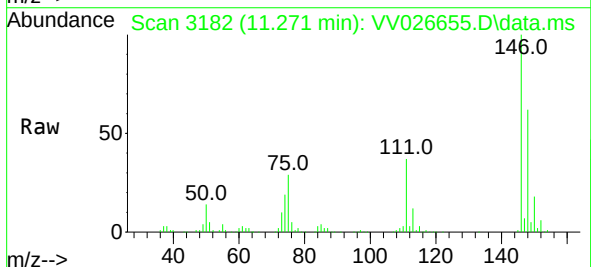
Instrument :
MSVOA_V
ClientSampleId :
YB324MS

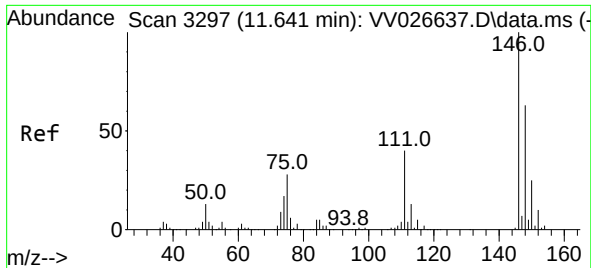
Tgt Ion:146 Resp: 148145
Ion Ratio Lower Upper
146 100
111 40.1 27.9 51.7
148 64.0 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.977 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

Tgt Ion:146 Resp: 148299
Ion Ratio Lower Upper
146 100
111 37.4 26.5 49.3
148 62.5 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 5.202 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026655.D

Acq: 05 Jul 2022 19:59

Instrument :

MSVOA_V

ClientSampleId :

YB324MS

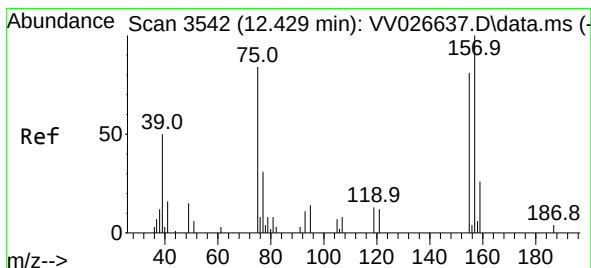
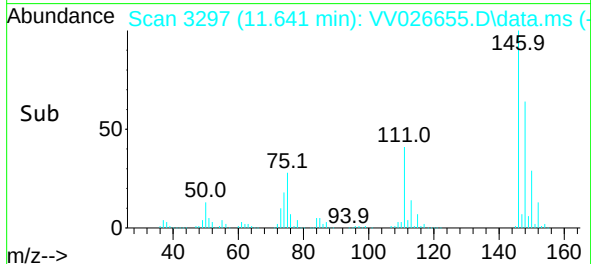
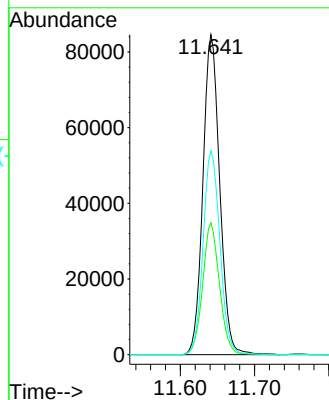
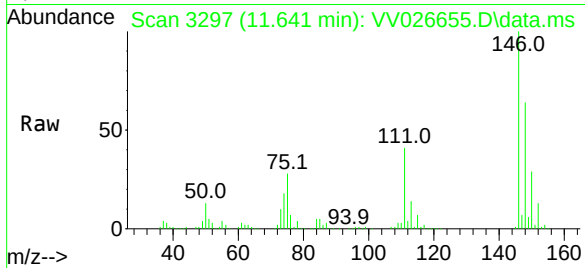
Tgt Ion:146 Resp: 132842

Ion Ratio Lower Upper

146 100

111 41.2 32.8 49.2

148 63.7 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.488 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VV026655.D

Acq: 05 Jul 2022 19:59

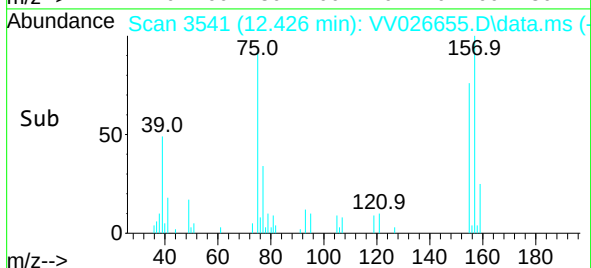
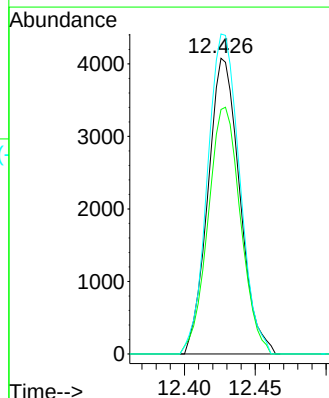
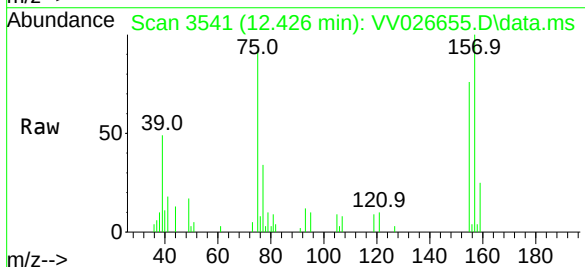
Tgt Ion: 75 Resp: 6376

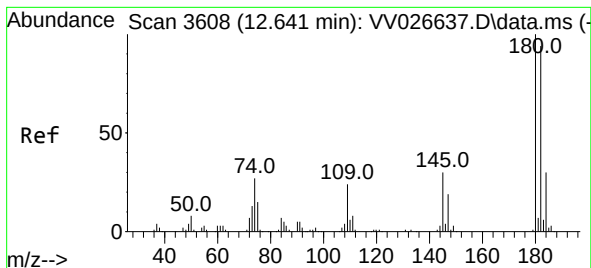
Ion Ratio Lower Upper

75 100

155 82.7 74.7 112.1

157 108.2 96.9 145.3





#69

1,3,5-Trichlorobenzene

Concen: 4.713 ug/L

RT: 12.644 min Scan# 3608

Delta R.T. 0.003 min

Lab File: VV026655.D

Acq: 05 Jul 2022 19:59

Instrument :

MSVOA_V

ClientSampleId :

YB324MS

Tgt Ion:180 Resp: 101696

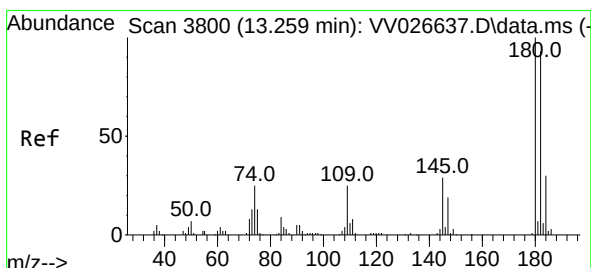
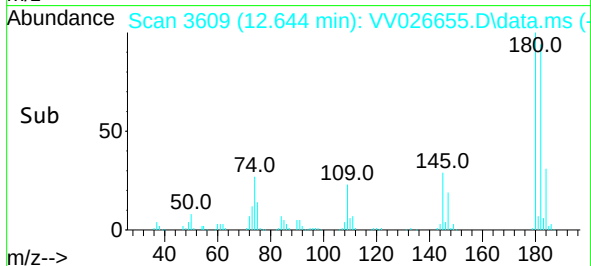
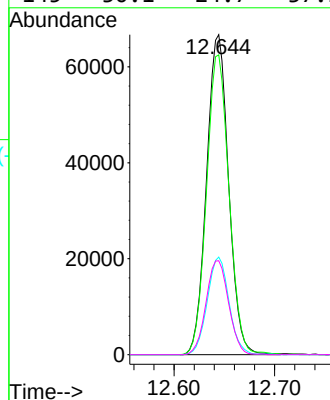
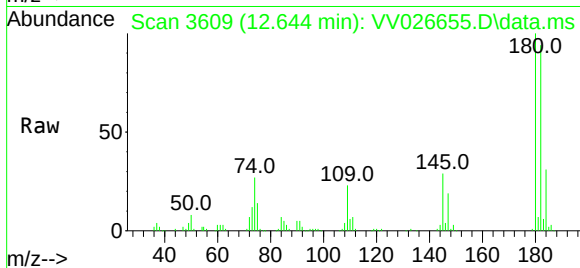
Ion Ratio Lower Upper

180 100

182 95.5 76.6 115.0

184 30.1 24.1 36.1

145 30.1 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 4.750 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026655.D

Acq: 05 Jul 2022 19:59

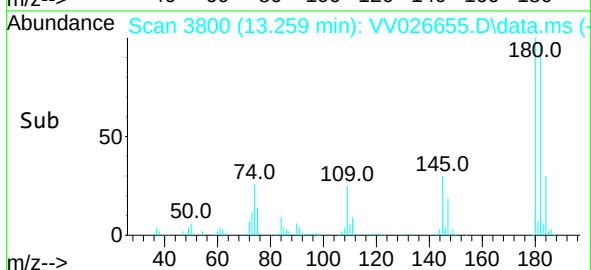
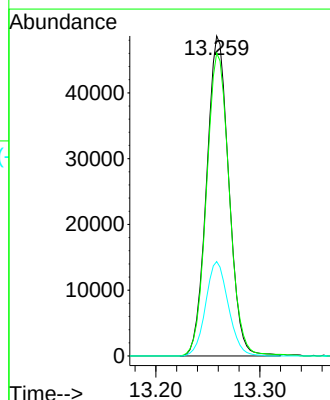
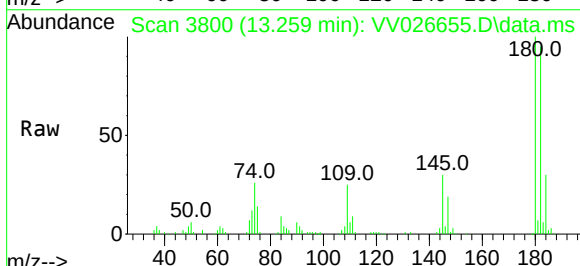
Tgt Ion:180 Resp: 72382

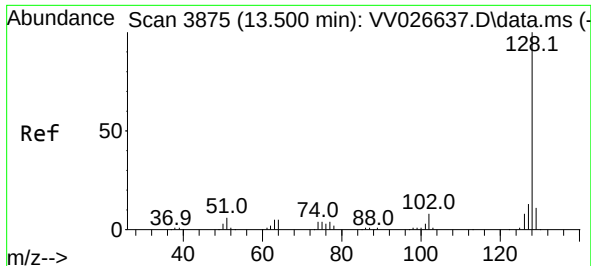
Ion Ratio Lower Upper

180 100

182 97.1 75.2 112.8

145 30.0 24.4 36.6

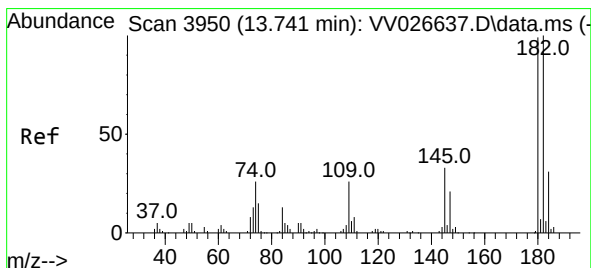
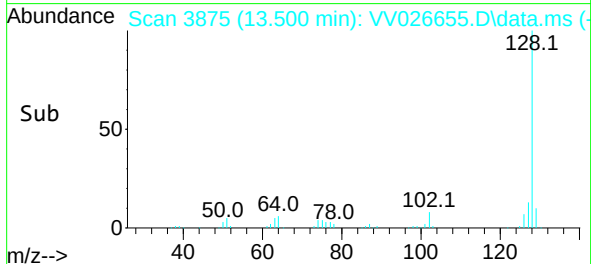
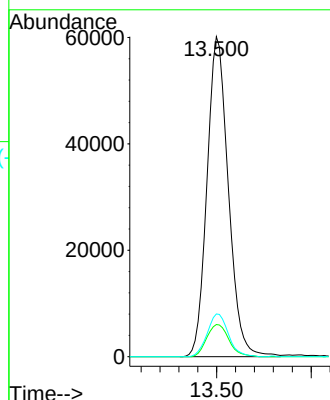
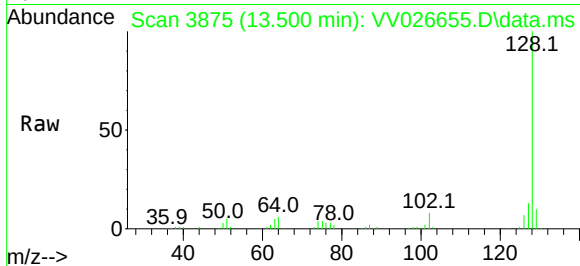




#71
Naphthalene
Concen: 4.751 ug/L
RT: 13.500 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

Instrument :
MSVOA_V
ClientSampleId :
YB324MS

Tgt Ion:128 Resp: 94436
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.062 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026655.D
Acq: 05 Jul 2022 19:59

Tgt Ion:180 Resp: 63127
Ion Ratio Lower Upper
180 100
182 95.5 76.8 115.2
145 32.1 25.8 38.6

