

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070522\
 Data File : VW026656.D
 Acq On : 05 Jul 2022 20:21
 Operator : SY/MD
 Sample : N3577-05MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB324MSD

Quant Time: Jul 06 00:31:34 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	204540	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	188461	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	97960	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	74344	4.520	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.577	69	58721	4.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.121	63	132423	4.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	3.925	46	71193	43.533	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.060%
24) Chloroform-d	4.365	84	117976	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.047	65	41341	3.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
32) Benzene-d6	5.060	84	236667	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.079	67	63045	4.235	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.320	98	220283	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	7.629	79	16285	4.232	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.095	63	51528	35.159	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38680	3.972	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	63609	3.924	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	72913	4.681	ug/L	98
3) Chloromethane	1.253	50	77616	4.557	ug/L	99
5) Vinyl chloride	1.320	62	83007	4.577	ug/L	98
6) Bromomethane	1.532	94	45661	4.651	ug/L	96
8) Chloroethane	1.597	64	63264	5.129	ug/L	97
9) Trichlorofluoromethane	1.764	101	122585	4.847	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	73051	4.875	ug/L	99
12) 1,1-Dichloroethene	2.127	96	67292	4.871	ug/L	94
13) Acetone	2.211	43	53587	51.650	ug/L	97
14) Carbon disulfide	2.304	76	161772	4.439	ug/L	99
15) Methyl Acetate	2.462	43	12072	4.035	ug/L	99
16) Methylene chloride	2.519	84	63741	4.346	ug/L	96
17) Methyl tert-butyl Ether	2.790	73	98988	4.396	ug/L	94
18) trans-1,2-Dichloroethene	2.773	96	66699	4.732	ug/L	98
19) 1,1-Dichloroethane	3.204	63	123506	4.880	ug/L	99
21) 2-Butanone	4.005	43	80727	51.722	ug/L	93
22) cis-1,2-Dichloroethene	3.928	96	81465	5.821	ug/L	96
23) Bromochloromethane	4.265	128	27651	4.797	ug/L	95
25) Chloroform	4.388	83	138633	5.120	ug/L	99

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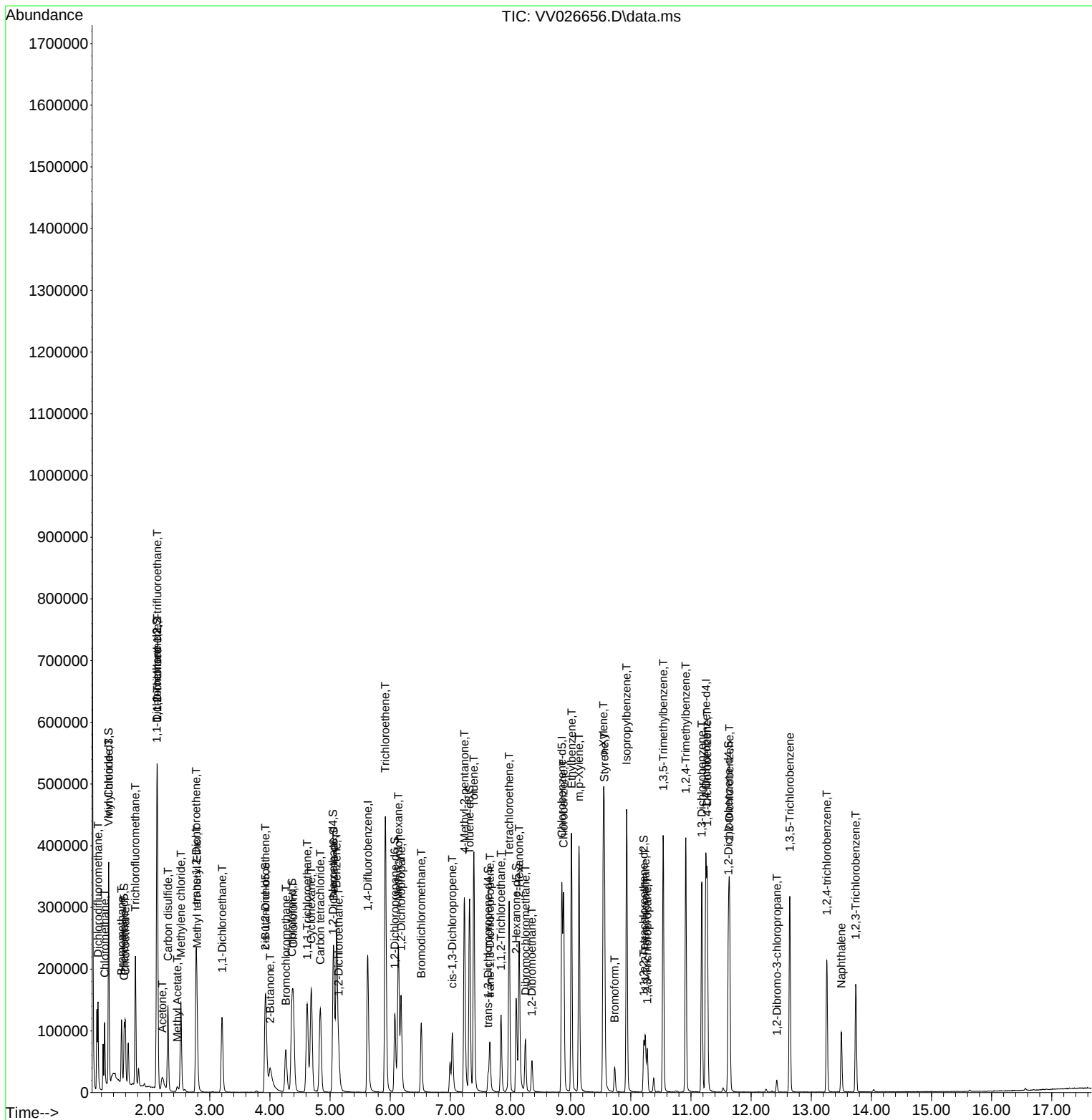
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 ClientSampleId :
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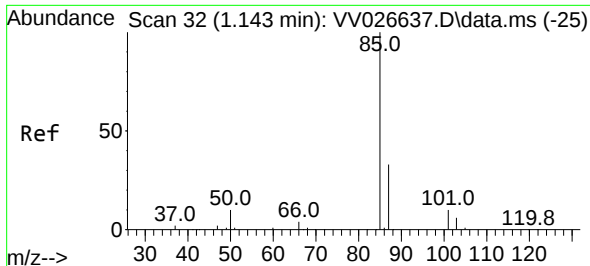
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 06 00:22:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	54912	4.557	ug/L	100
29) 1,1,1-Trichloroethane	4.619	97	119480	5.152	ug/L	99
30) Cyclohexane	4.687	56	81046	4.414	ug/L	100
31) Carbon tetrachloride	4.838	117	106019	5.450	ug/L	100
33) Benzene	5.108	78	274880	4.995	ug/L	100
34) Trichloroethene	5.918	95	161732	11.180	ug/L	99
35) Methylcyclohexane	6.137	83	96494	4.509	ug/L	99
37) 1,2-Dichloropropane	6.182	63	65182	4.915	ug/L	99
38) Bromodichloromethane	6.516	83	77053	4.921	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	63683	4.777	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	207051	46.218	ug/L	98
42) Toluene	7.391	91	296249	5.215	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	49847	5.027	ug/L	97
45) 1,1,2-Trichloroethane	7.844	97	40885	4.889	ug/L	99
47) Tetrachloroethene	7.979	164	71574	6.214	ug/L	98
48) 2-Hexanone	8.143	43	146843	47.089	ug/L	97
49) Dibromochloromethane	8.249	129	43973	5.192	ug/L	100
50) 1,2-Dibromoethane	8.355	107	34062	4.580	ug/L #	98
51) Chlorobenzene	8.883	112	183183	4.923	ug/L	98
52) Ethylbenzene	9.014	91	286055	4.869	ug/L	100
53) m,p-Xylene	9.140	106	115698	5.048	ug/L	99
54) o-Xylene	9.545	106	107962	5.019	ug/L	96
55) Styrene	9.561	104	179733	5.044	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	43716	4.681	ug/L	100
59) Bromoform	9.731	173	18317	5.074	ug/L	95
60) Isopropylbenzene	9.931	105	294803	4.880	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	28564	4.503	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	223521	4.680	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	219495	4.661	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	142616	4.853	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	139484	4.780	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	120786	4.831	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	4828	4.244	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	99847	4.725	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	67848	4.547	ug/L	99
71) Naphthalene	13.503	128	79216	4.070	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	53221	4.358	ug/L	100

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

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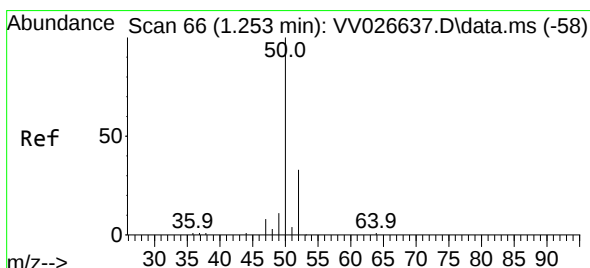
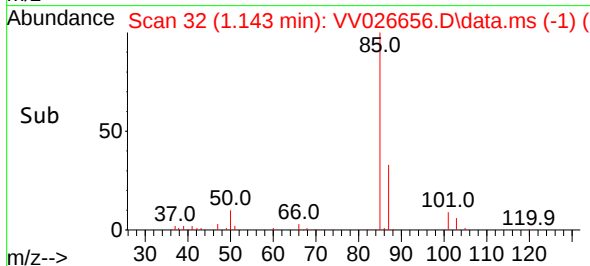
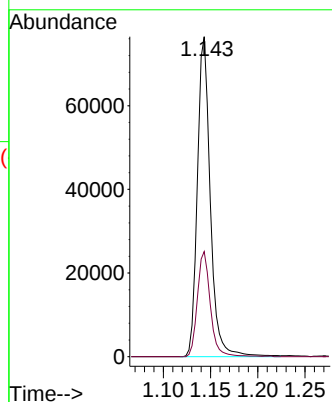
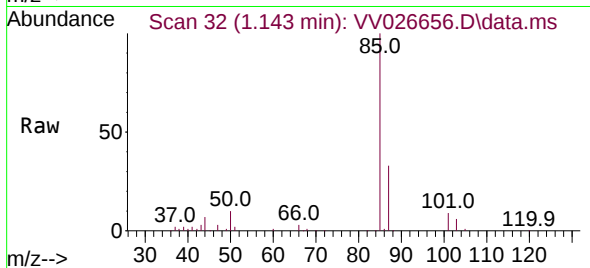




#2
 Dichlorodifluoromethane
 Concen: 4.681 ug/L
 RT: 1.143 min Scan# 32
 Delta R.T. 0.000 min
 Lab File: VV026656.D
 Acq: 05 Jul 2022 20:21

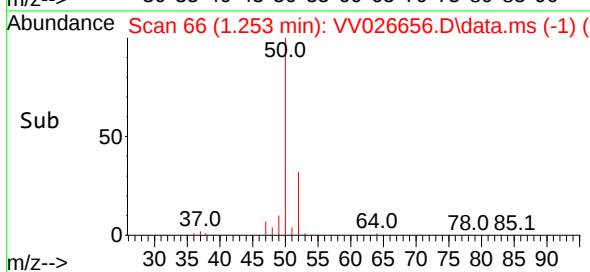
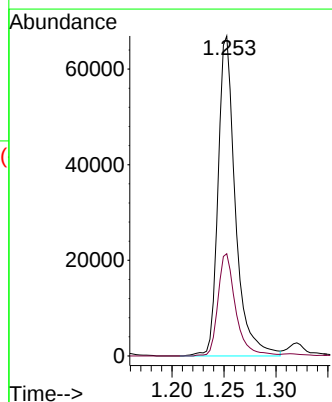
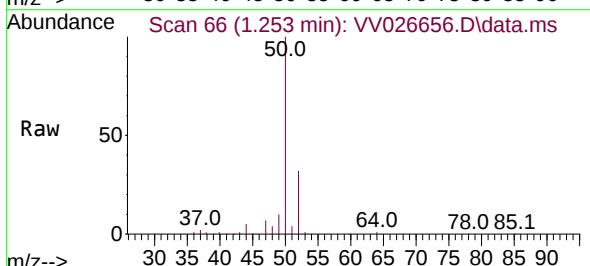
Instrument :
 MSVOA_V
 ClientSampleId :
 YB324MSD

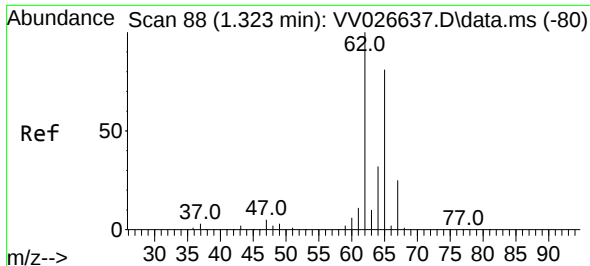
Tgt Ion: 85 Resp: 72913
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.6 38.4



#3
 Chloromethane
 Concen: 4.557 ug/L
 RT: 1.253 min Scan# 66
 Delta R.T. 0.000 min
 Lab File: VV026656.D
 Acq: 05 Jul 2022 20:21

Tgt Ion: 50 Resp: 77616
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.0 42.6

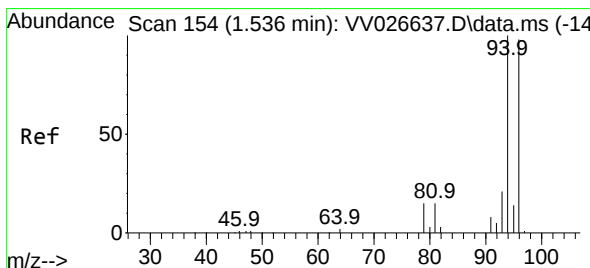
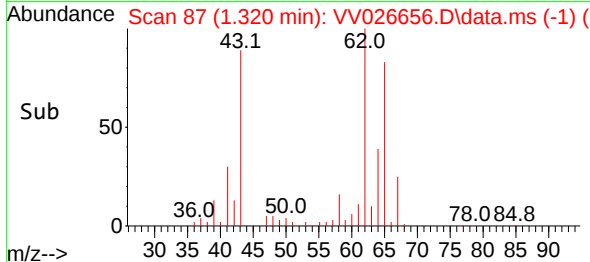
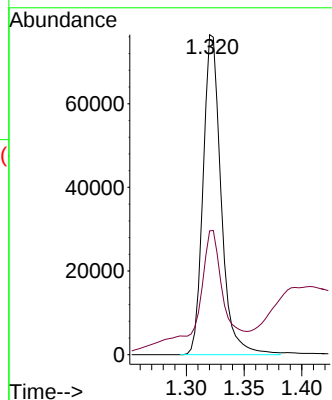
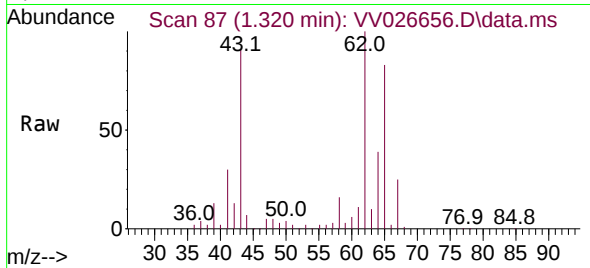




#5
 Vinyl chloride
 Concen: 4.577 ug/L
 RT: 1.320 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV026656.D
 Acq: 05 Jul 2022 20:21

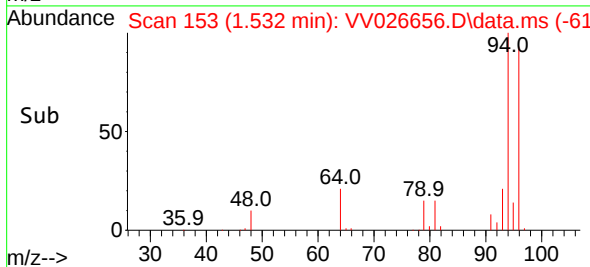
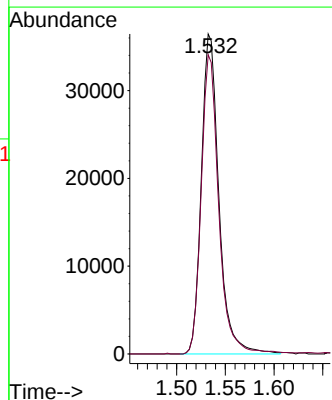
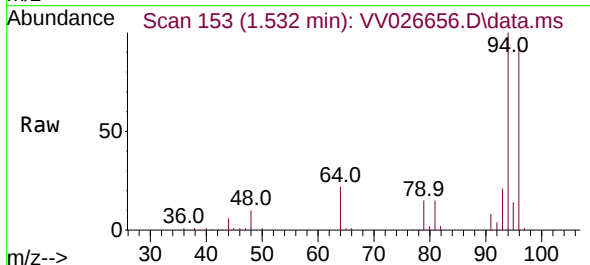
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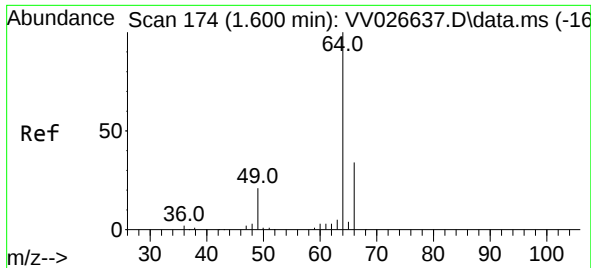
Tgt Ion: 62 Resp: 83007
 Ion Ratio Lower Upper
 62 100
 64 38.7 26.2 48.6



#6
 Bromomethane
 Concen: 4.651 ug/L
 RT: 1.532 min Scan# 153
 Delta R.T. -0.003 min
 Lab File: VV026656.D
 Acq: 05 Jul 2022 20:21

Tgt Ion: 94 Resp: 45661
 Ion Ratio Lower Upper
 94 100
 96 93.5 68.0 126.2

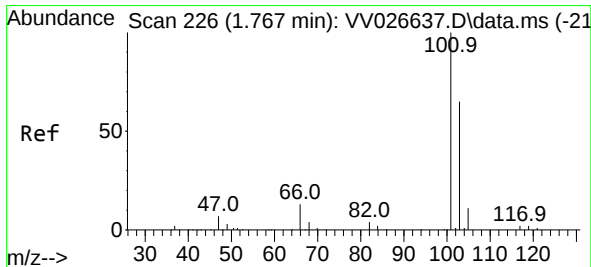
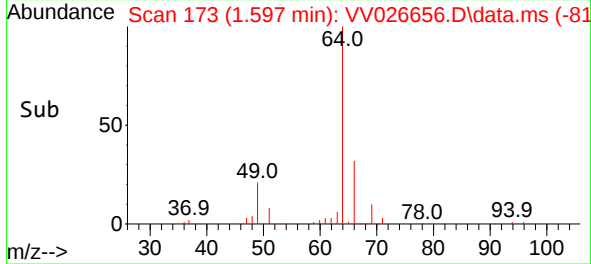
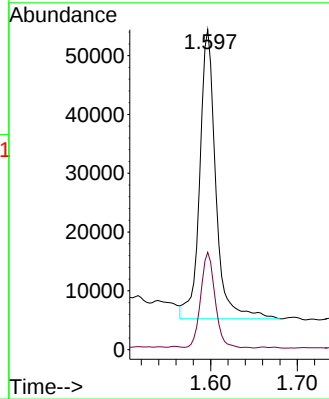
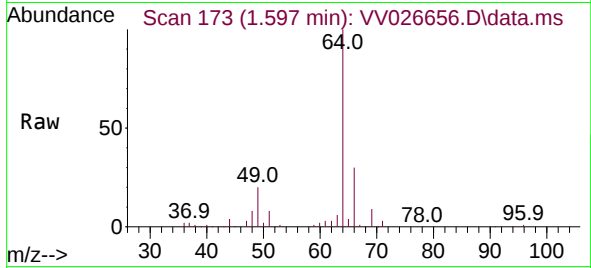




#8
Chloroethane
Concen: 5.129 ug/L
RT: 1.597 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

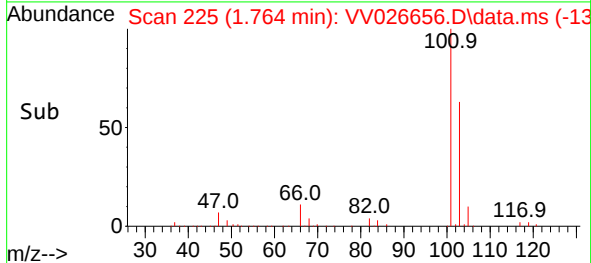
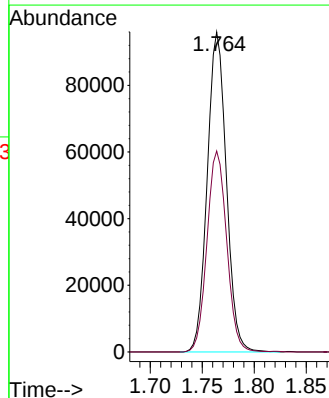
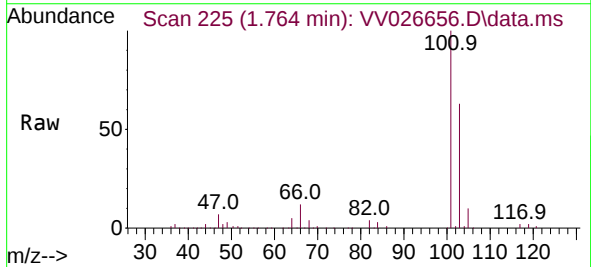
Instrument :
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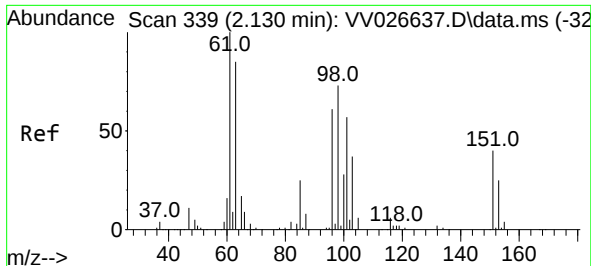
Tgt Ion: 64 Resp: 63264
Ion Ratio Lower Upper
64 100
66 30.5 20.0 37.2



#9
Trichlorofluoromethane
Concen: 4.847 ug/L
RT: 1.764 min Scan# 225
Delta R.T. -0.003 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

Tgt Ion:101 Resp: 122585
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.4

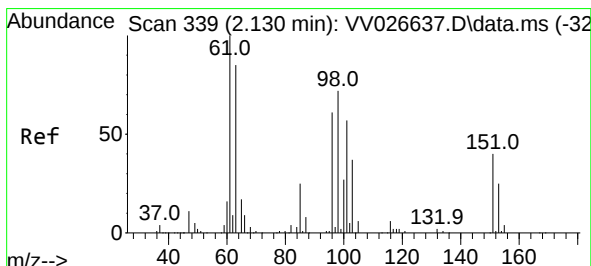
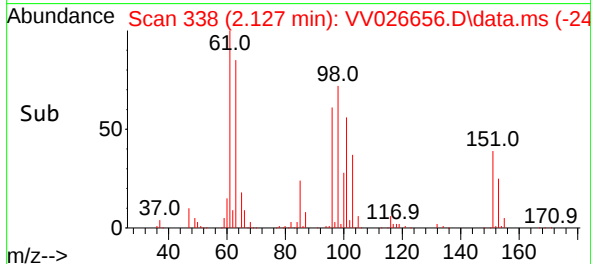
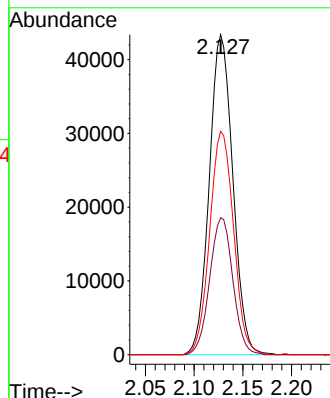
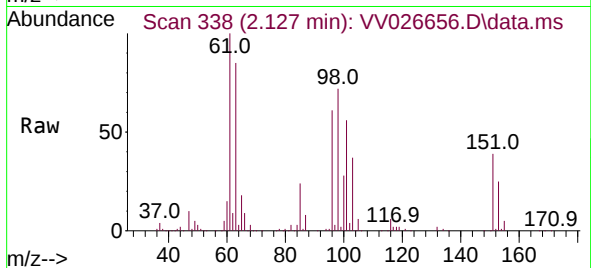




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.875 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.003 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

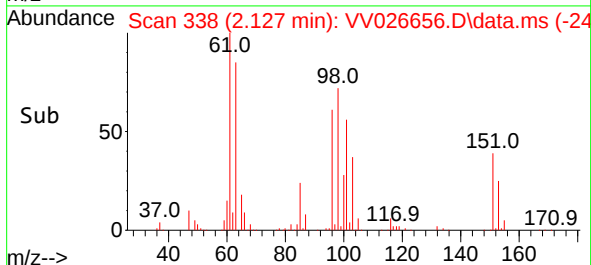
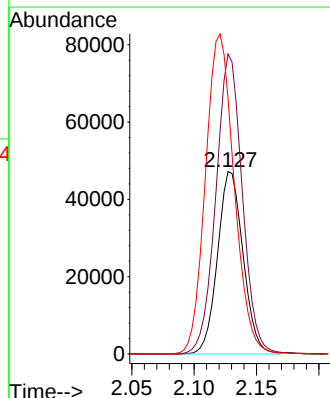
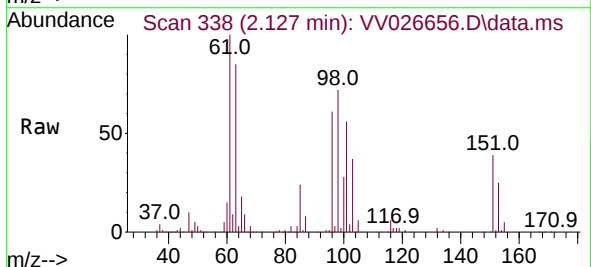
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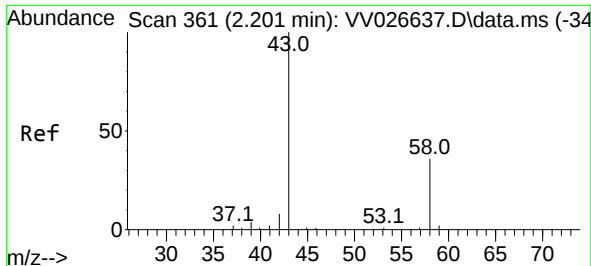
Tgt Ion:101 Resp: 73051
Ion Ratio Lower Upper
101 100
85 42.0 34.2 51.4
151 70.8 56.8 85.2



#12
1,1-Dichloroethene
Concen: 4.871 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.003 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

Tgt Ion: 96 Resp: 67292
Ion Ratio Lower Upper
96 100
61 164.4 115.4 214.4
63 140.1 87.4 162.2





#13

Acetone

Concen: 51.650 ug/L

RT: 2.211 min Scan# 30

Delta R.T. 0.010 min

Lab File: VV026656.D

Acq: 05 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

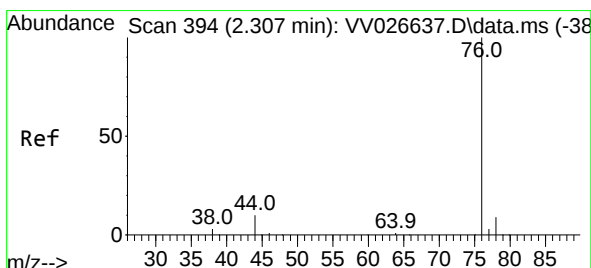
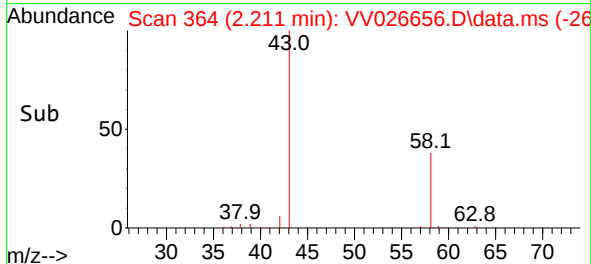
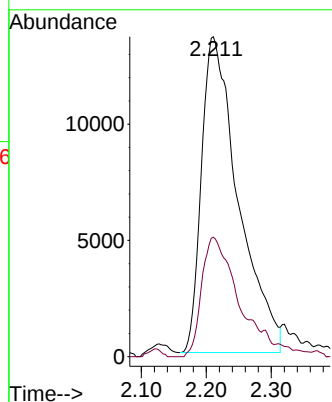
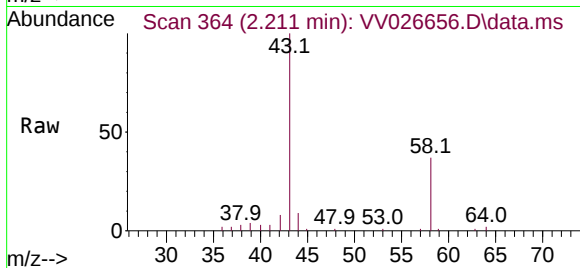
YB324MSD

Tgt Ion: 43 Resp: 53587

Ion Ratio Lower Upper

43 100

58 35.6 0.0 75.0



#14

Carbon disulfide

Concen: 4.439 ug/L

RT: 2.304 min Scan# 393

Delta R.T. -0.003 min

Lab File: VV026656.D

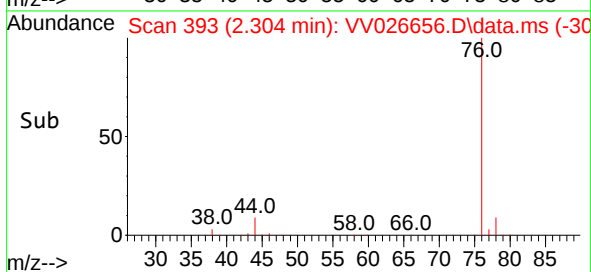
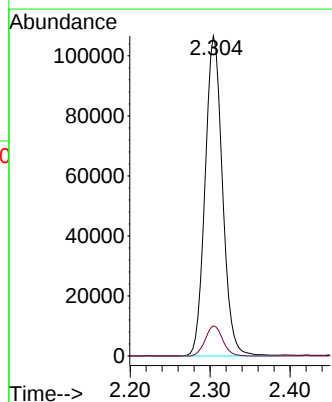
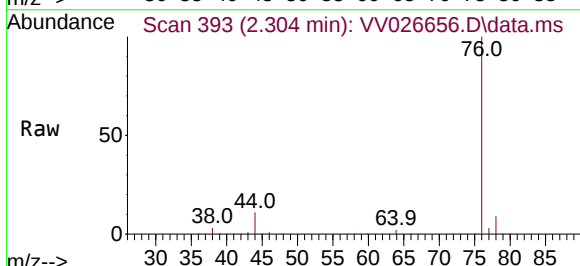
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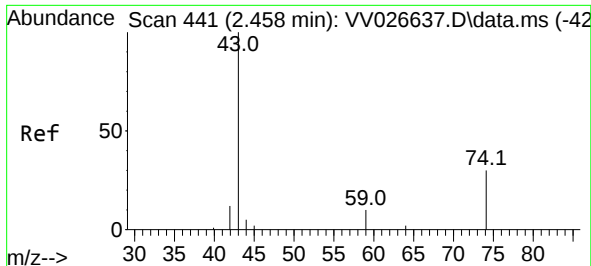
Tgt Ion: 76 Resp: 161772

Ion Ratio Lower Upper

76 100

78 9.4 7.8 11.6

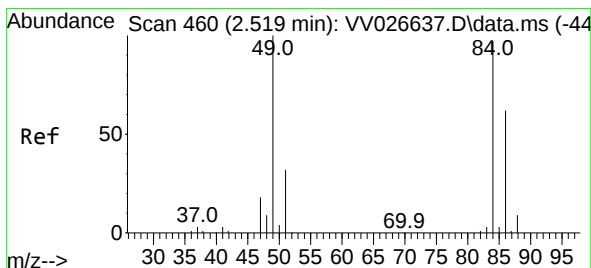
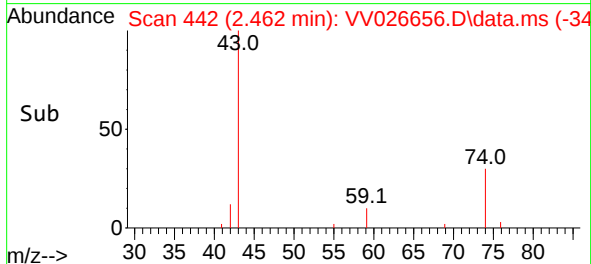
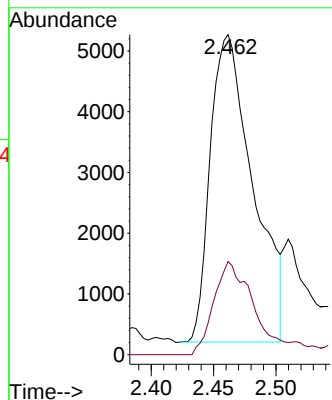
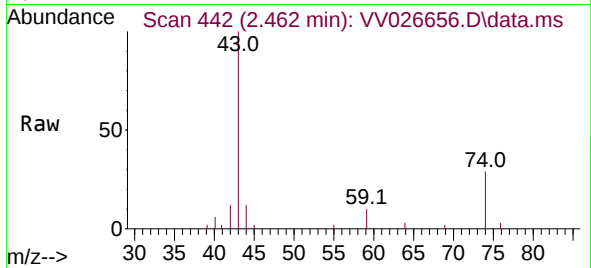




#15
Methyl Acetate
Concen: 4.035 ug/L
RT: 2.462 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

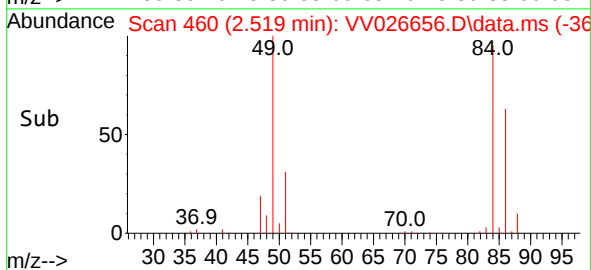
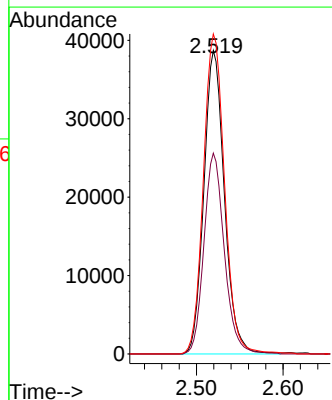
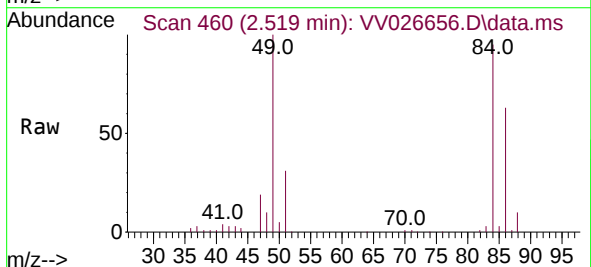
Instrument :
MSVOA_V
ClientSampleId :
YB324MSD

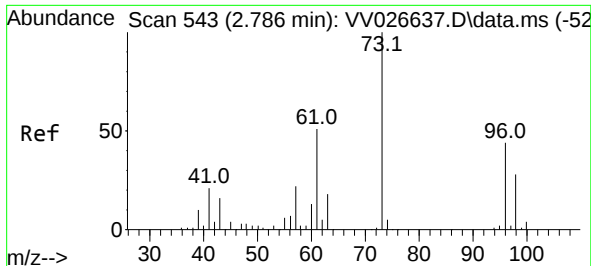
Tgt Ion: 43 Resp: 12072
Ion Ratio Lower Upper
43 100
74 27.9 22.1 33.1



#16
Methylene chloride
Concen: 4.346 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.000 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

Tgt Ion: 84 Resp: 63741
Ion Ratio Lower Upper
84 100
86 66.2 46.0 85.4
49 105.5 77.7 144.3

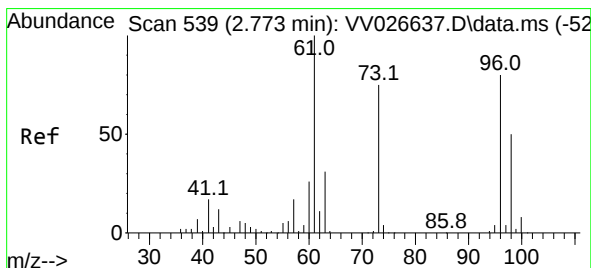
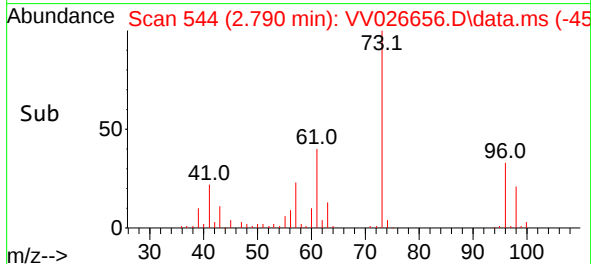
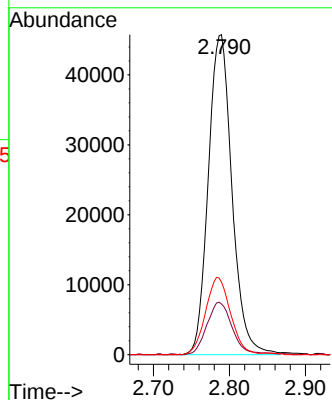
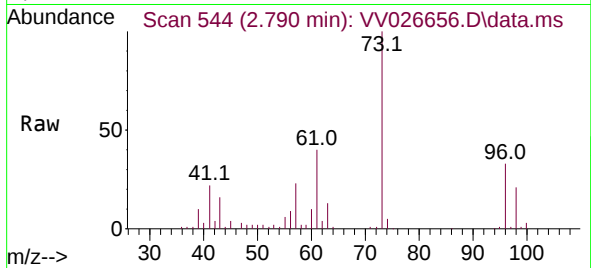




#17
Methyl tert-butyl Ether
Concen: 4.396 ug/L
RT: 2.790 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

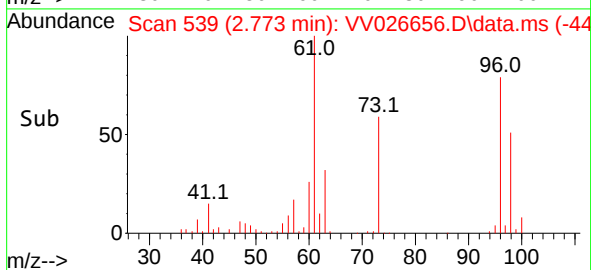
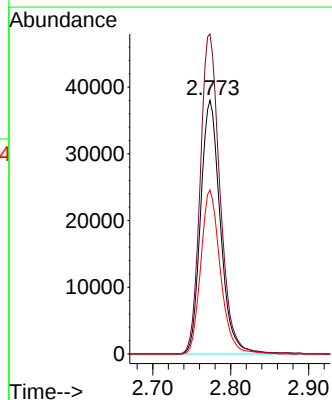
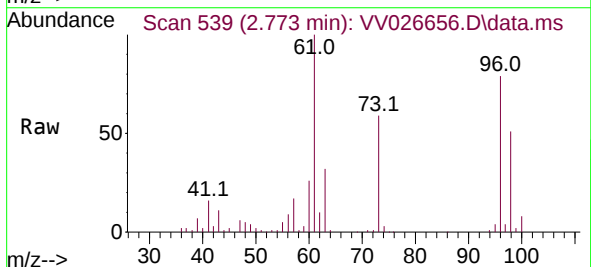
Instrument :
MSVOA_V
ClientSampleId :
YB324MSD

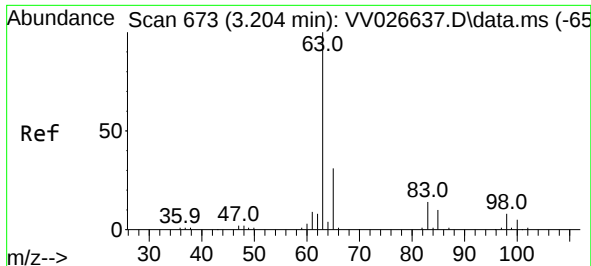
Tgt Ion: 73 Resp: 98988
Ion Ratio Lower Upper
73 100
43 17.6 13.3 19.9
57 25.4 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.732 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.000 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

Tgt Ion: 96 Resp: 66699
Ion Ratio Lower Upper
96 100
61 126.2 90.4 167.8
98 64.6 45.6 84.8





#19

1,1-Dichloroethane

Concen: 4.880 ug/L

RT: 3.204 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV026656.D

Acq: 05 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

YB324MSD

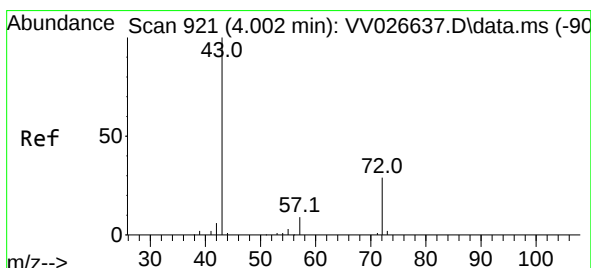
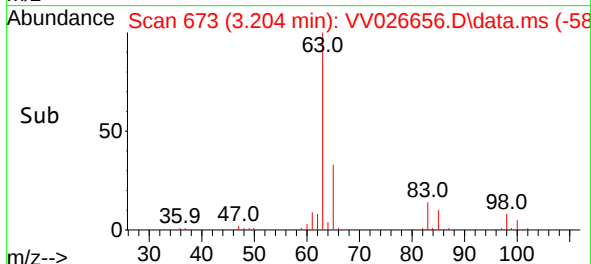
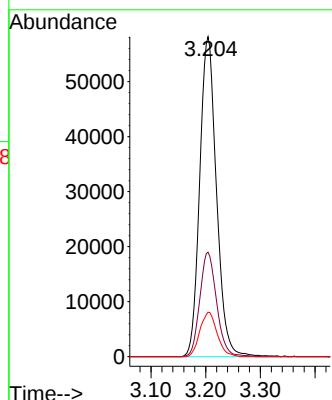
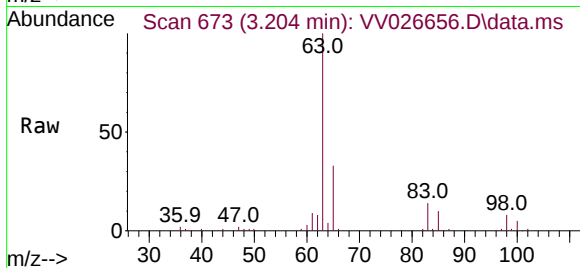
Tgt Ion: 63 Resp: 123506

Ion Ratio Lower Upper

63 100

65 32.6 23.0 42.6

83 13.9 10.2 19.0



#21

2-Butanone

Concen: 51.722 ug/L

RT: 4.005 min Scan# 922

Delta R.T. 0.003 min

Lab File: VV026656.D

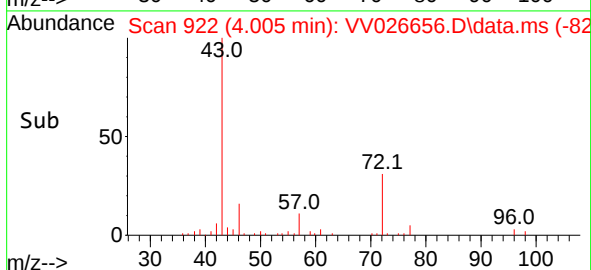
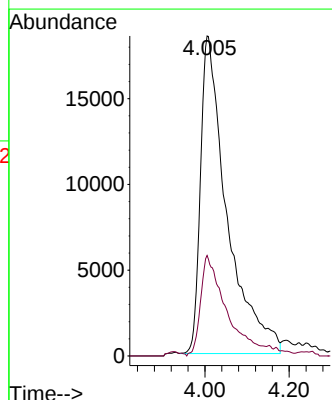
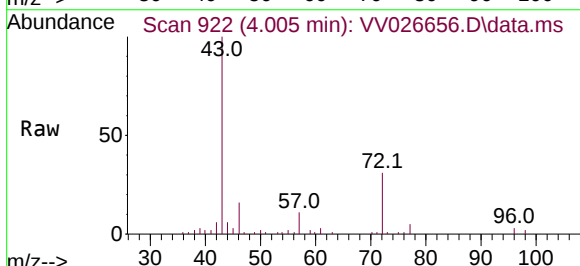
Acq: 05 Jul 2022 20:21

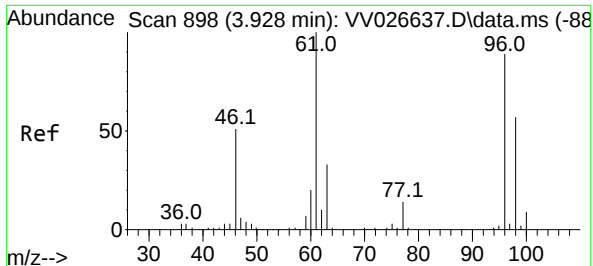
Tgt Ion: 43 Resp: 80727

Ion Ratio Lower Upper

43 100

72 30.8 13.5 40.5

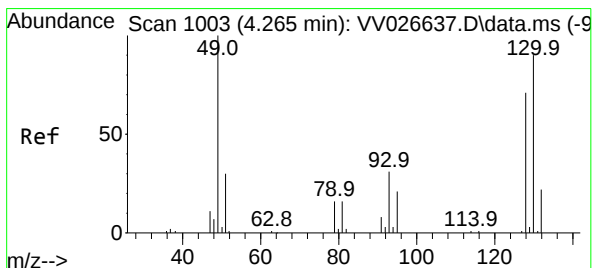
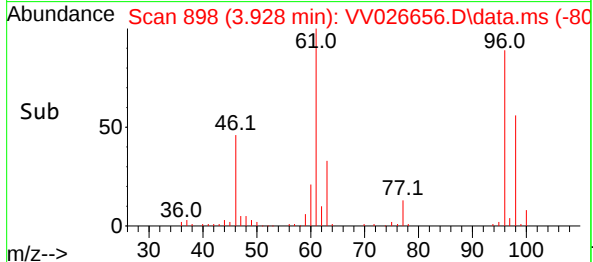
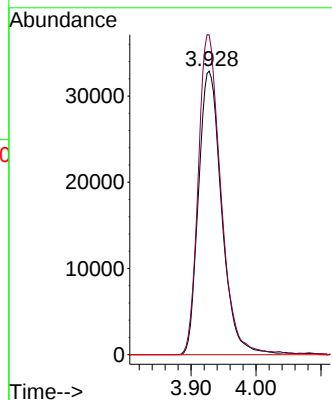
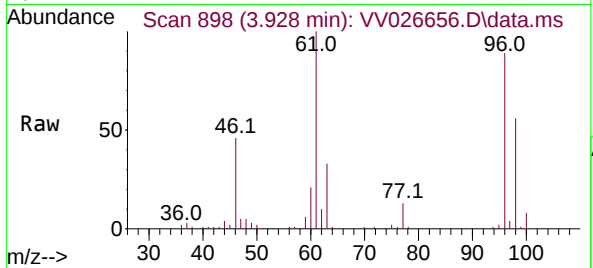




#22
cis-1,2-Dichloroethene
Concen: 5.821 ug/L
RT: 3.928 min Scan# 898
Delta R.T. 0.000 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

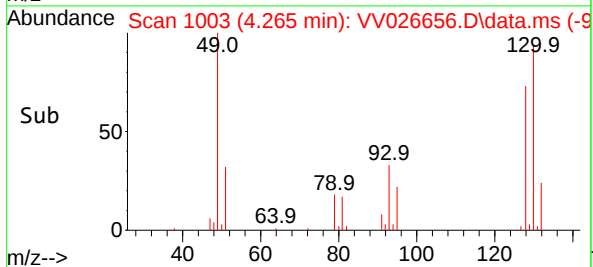
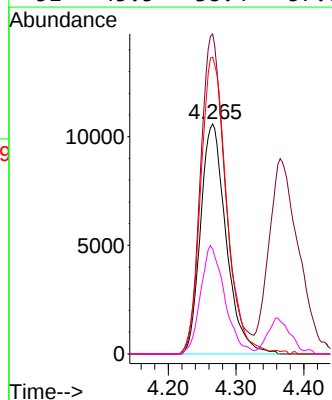
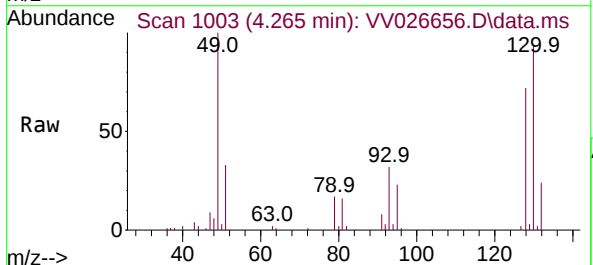
Instrument :
MSVOA_V
ClientSampleId :
YB324MSD

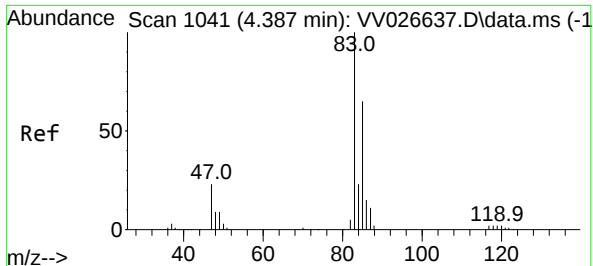
Tgt Ion: 96 Resp: 81465
Ion Ratio Lower Upper
96 100
61 112.8 82.0 152.2
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 4.797 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

Tgt Ion: 128 Resp: 27651
Ion Ratio Lower Upper
128 100
49 139.1 104.0 193.1
130 129.0 93.4 173.6
51 45.5 38.4 57.6





#25

Chloroform

Concen: 5.120 ug/L

RT: 4.388 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VV026656.D

Acq: 05 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

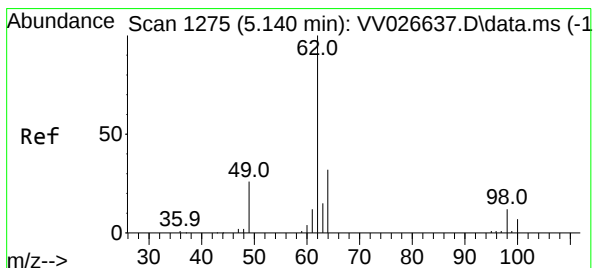
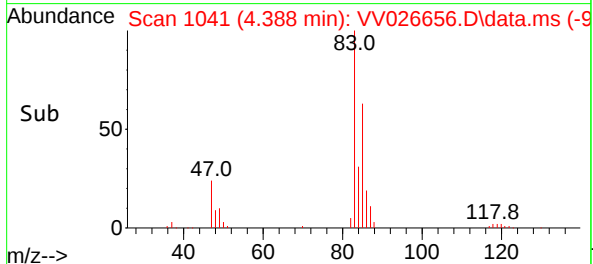
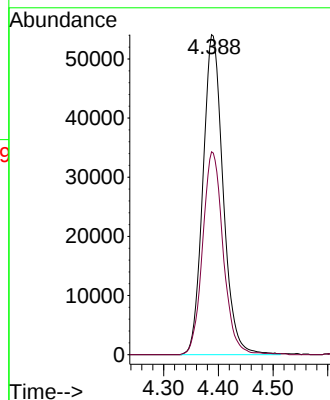
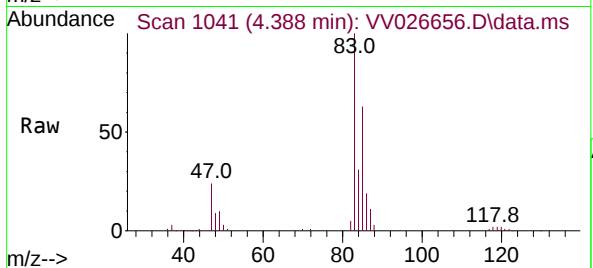
YB324MSD

Tgt Ion: 83 Resp: 138633

Ion Ratio Lower Upper

83 100

85 63.4 44.0 81.8



#27

1,2-Dichloroethane

Concen: 4.557 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.003 min

Lab File: VV026656.D

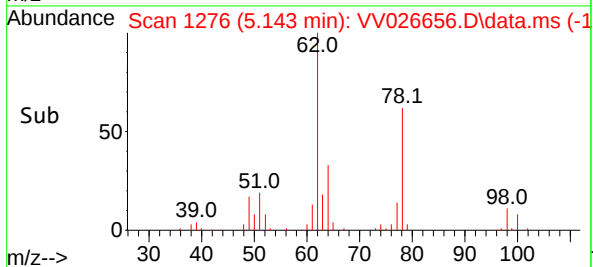
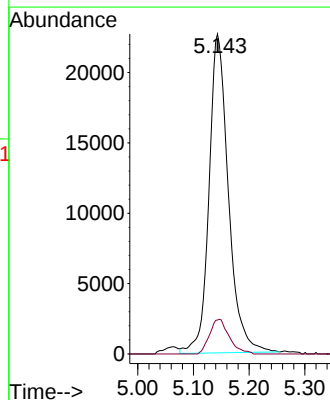
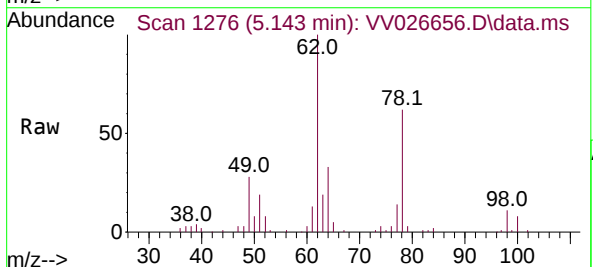
Acq: 05 Jul 2022 20:21

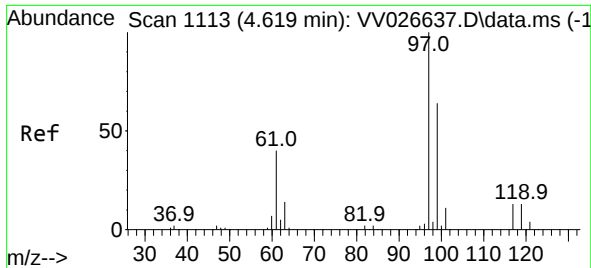
Tgt Ion: 62 Resp: 54912

Ion Ratio Lower Upper

62 100

98 10.6 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 5.152 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.000 min

Lab File: VV026656.D

Acq: 05 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

YB324MSD

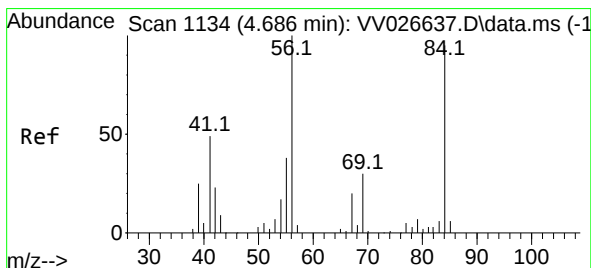
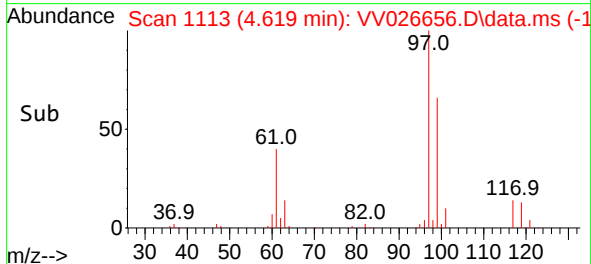
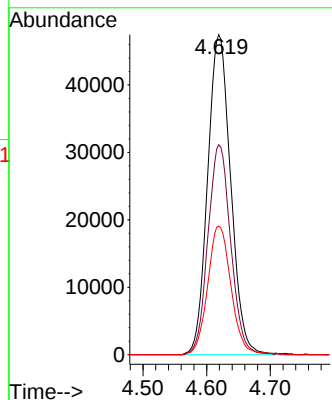
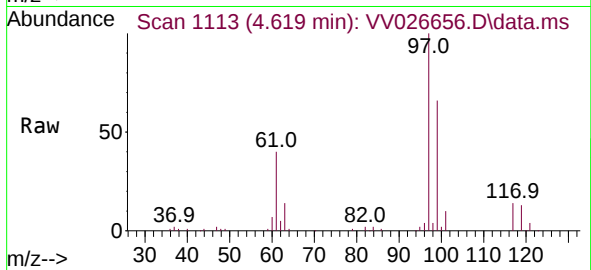
Tgt Ion: 97 Resp: 119480

Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.4

61 40.6 33.0 49.4



#30

Cyclohexane

Concen: 4.414 ug/L

RT: 4.687 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VV026656.D

Acq: 05 Jul 2022 20:21

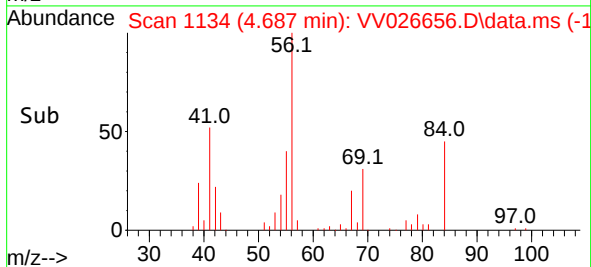
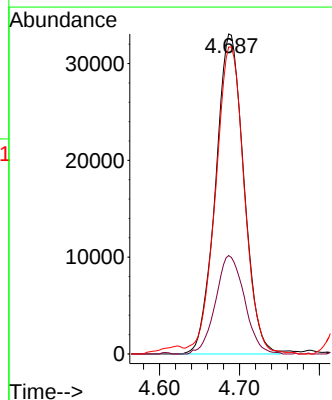
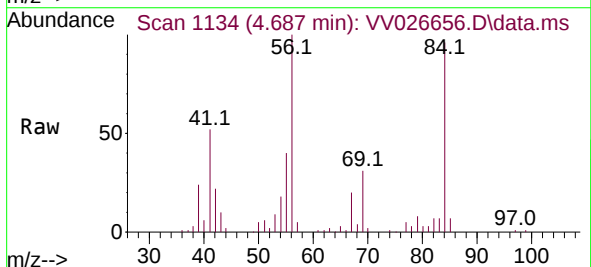
Tgt Ion: 56 Resp: 81046

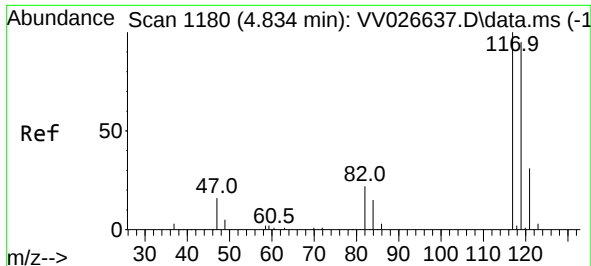
Ion Ratio Lower Upper

56 100

69 31.5 25.4 38.2

84 97.6 77.8 116.6

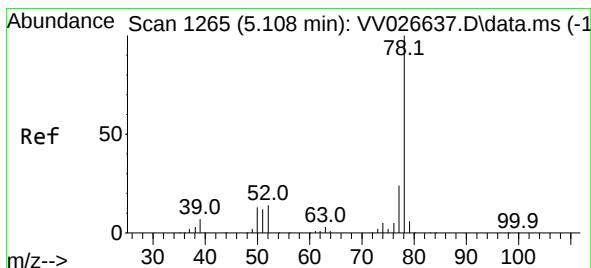
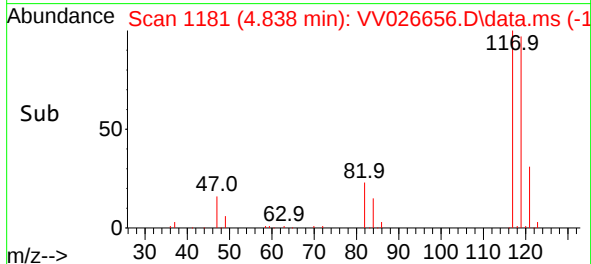
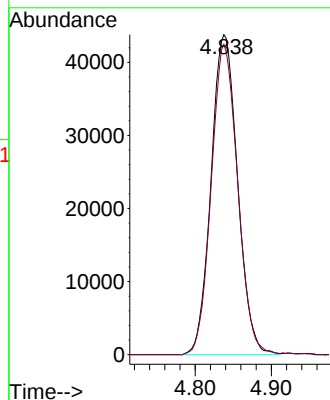
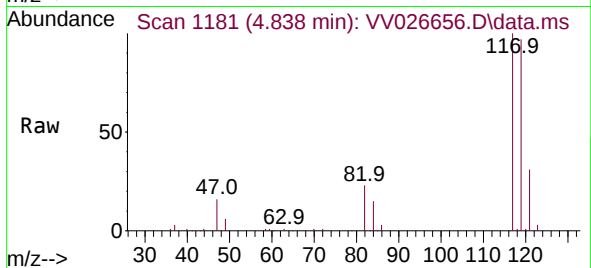




#31
Carbon tetrachloride
Concen: 5.450 ug/L
RT: 4.838 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

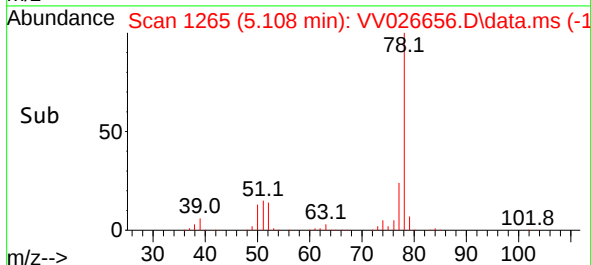
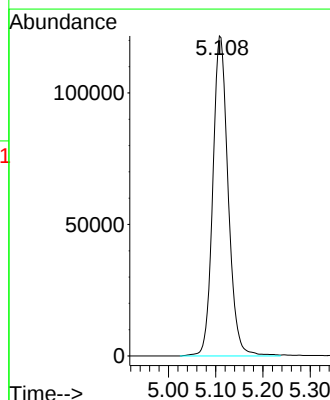
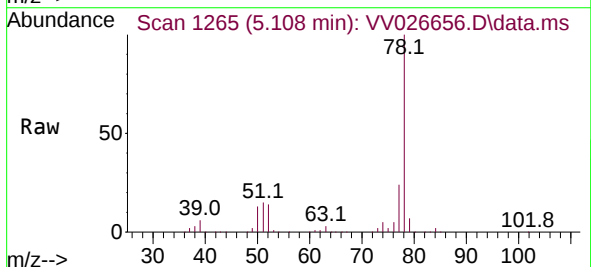
Instrument :
MSVOA_V
ClientSampleId :
YB324MSD

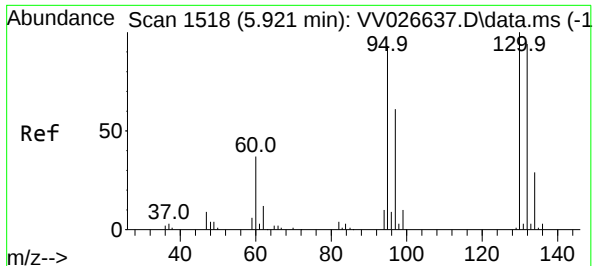
Tgt Ion:117 Resp: 106019
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3



#33
Benzene
Concen: 4.995 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

Tgt Ion: 78 Resp: 274880





#34

Trichloroethene

Concen: 11.180 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. -0.003 min

Lab File: VV026656.D

Acq: 05 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

YB324MSD

Tgt Ion: 95 Resp: 161732

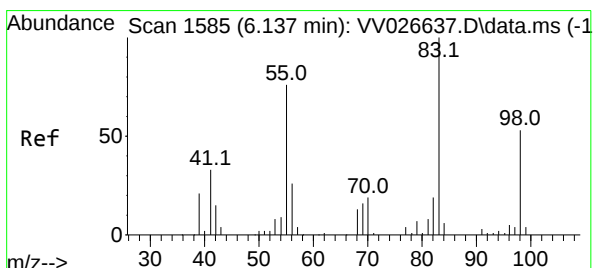
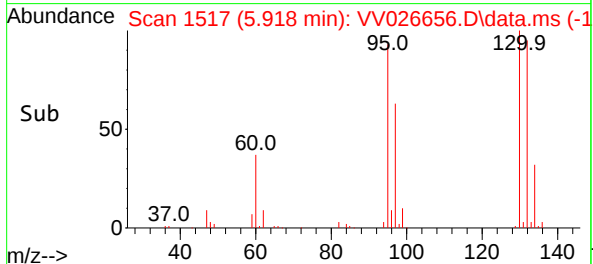
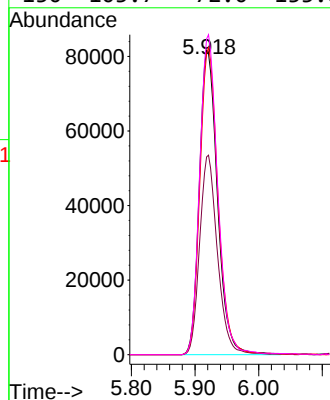
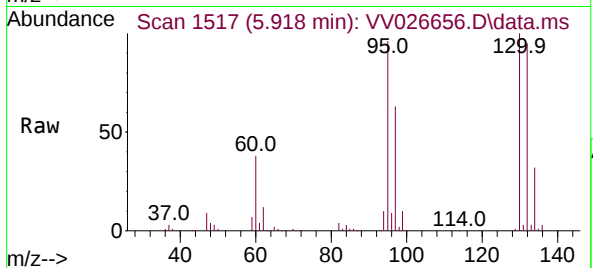
Ion Ratio Lower Upper

95 100

97 64.9 46.8 87.0

132 98.8 69.9 129.7

130 103.7 72.0 133.8



#35

Methylcyclohexane

Concen: 4.509 ug/L

RT: 6.137 min Scan# 1585

Delta R.T. 0.000 min

Lab File: VV026656.D

Acq: 05 Jul 2022 20:21

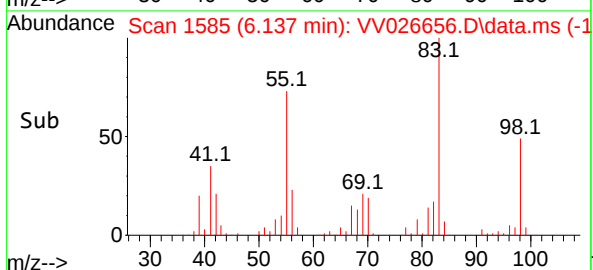
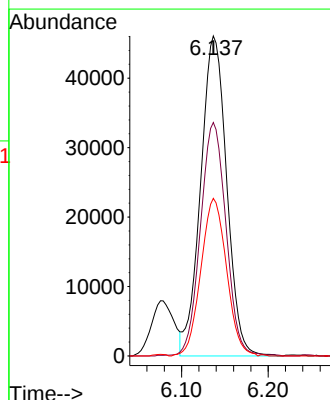
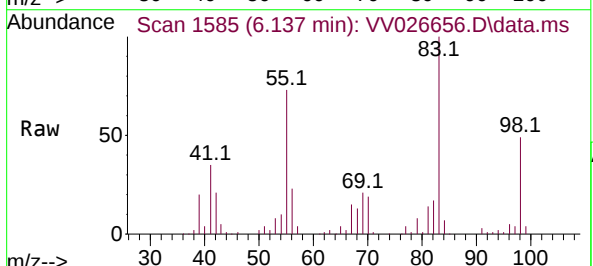
Tgt Ion: 83 Resp: 96494

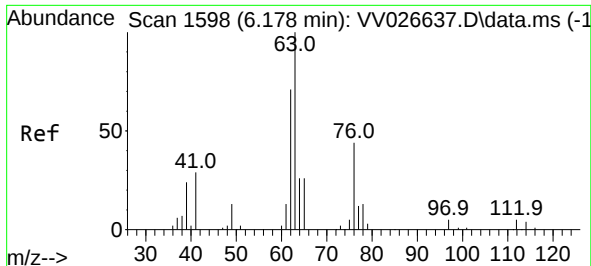
Ion Ratio Lower Upper

83 100

55 71.6 57.0 85.4

98 48.4 39.8 59.8





#37

1,2-Dichloropropane

Concen: 4.915 ug/L

RT: 6.182 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026656.D

Acq: 05 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

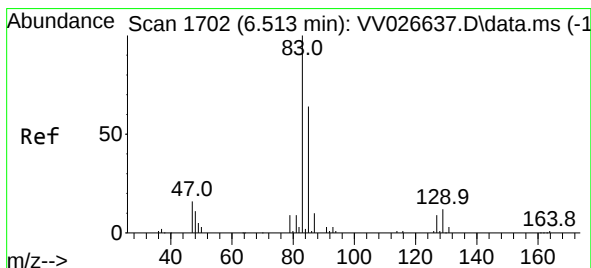
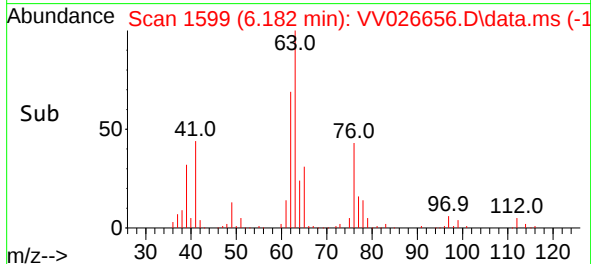
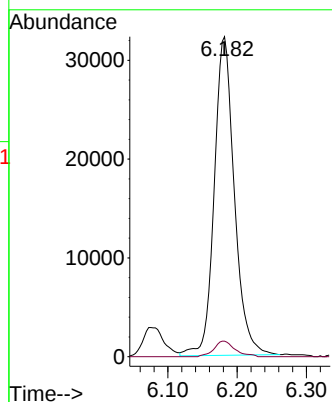
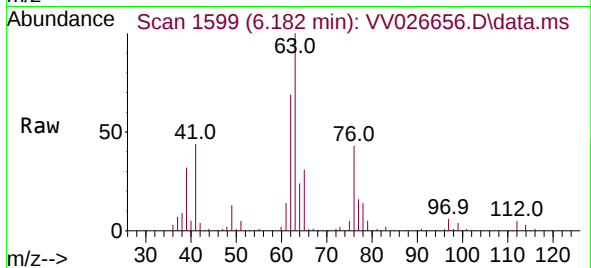
YB324MSD

Tgt Ion: 63 Resp: 65182

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.4



#38

Bromodichloromethane

Concen: 4.921 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VV026656.D

Acq: 05 Jul 2022 20:21

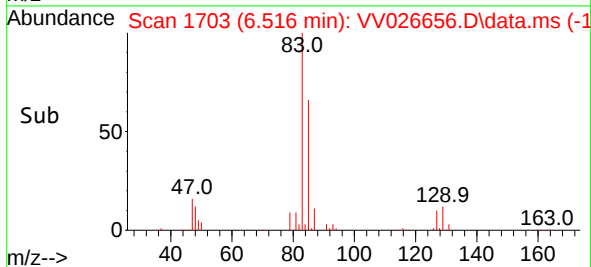
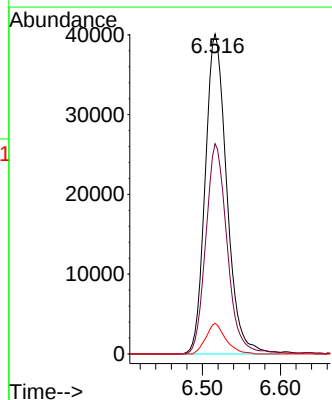
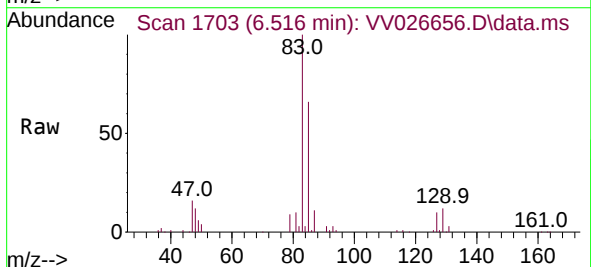
Tgt Ion: 83 Resp: 77053

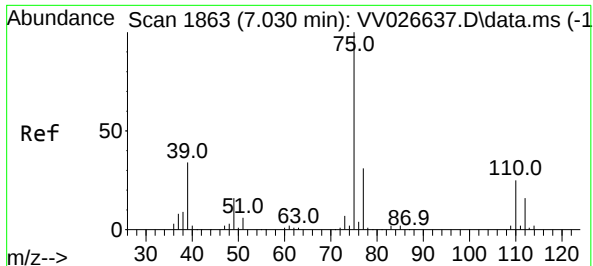
Ion Ratio Lower Upper

83 100

85 65.7 44.0 81.8

127 9.6 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.777 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026656.D

Acq: 05 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

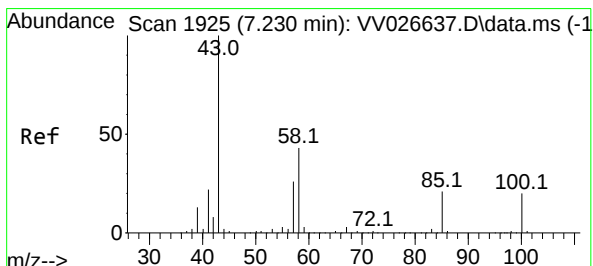
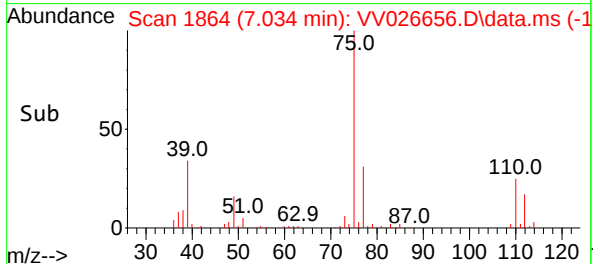
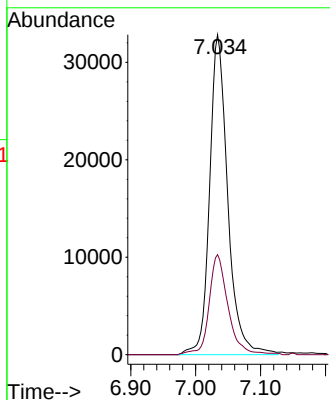
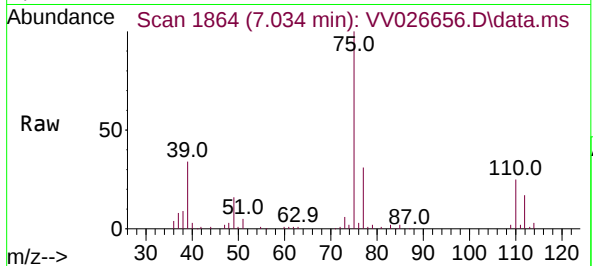
YB324MSD

Tgt Ion: 75 Resp: 63683

Ion Ratio Lower Upper

75 100

77 31.3 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 46.218 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV026656.D

Acq: 05 Jul 2022 20:21

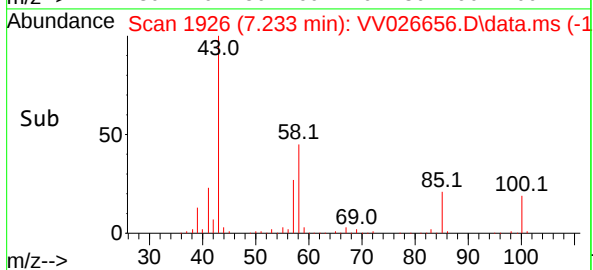
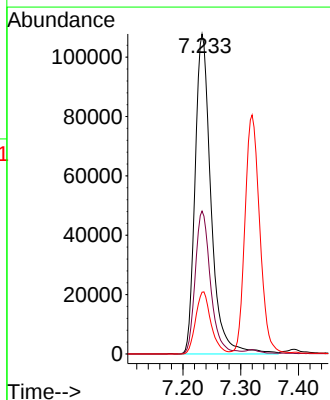
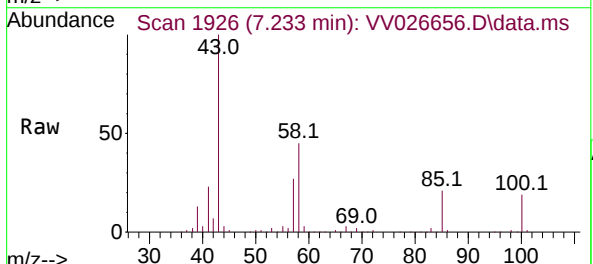
Tgt Ion: 43 Resp: 207051

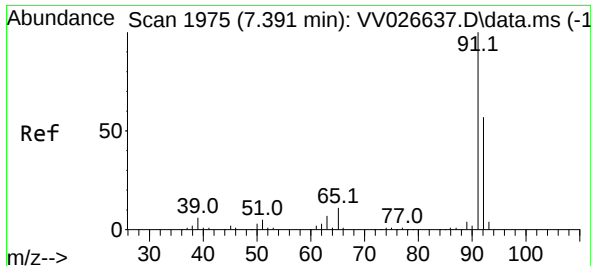
Ion Ratio Lower Upper

43 100

58 43.2 33.3 49.9

100 18.7 14.3 21.5





#42

Toluene

Concen: 5.215 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV026656.D

Acq: 05 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

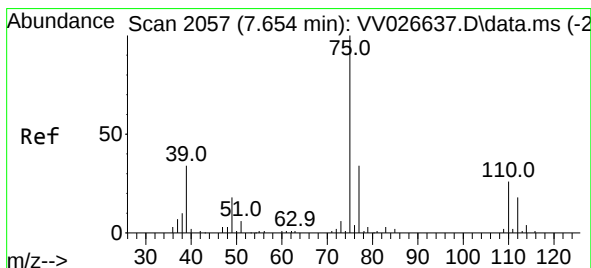
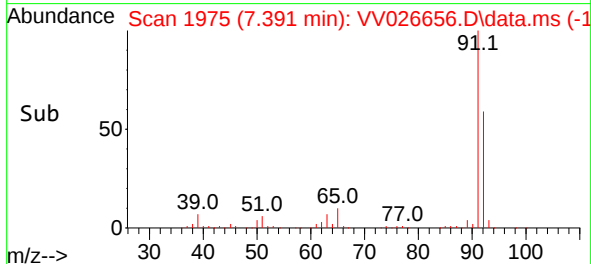
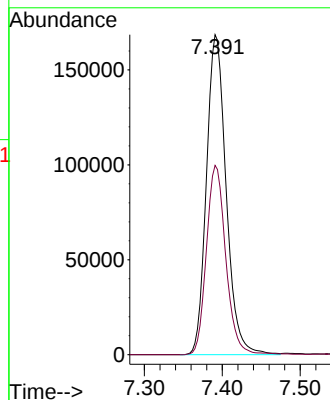
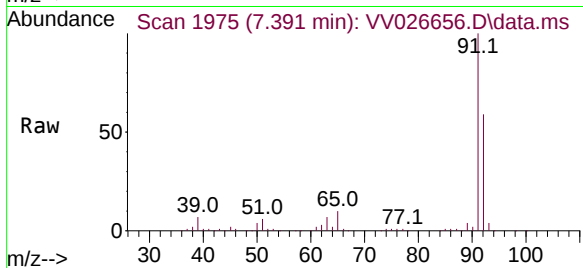
YB324MSD

Tgt Ion: 91 Resp: 296249

Ion Ratio Lower Upper

91 100

92 59.2 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.027 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.003 min

Lab File: VV026656.D

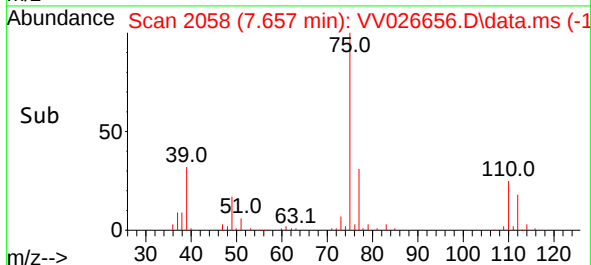
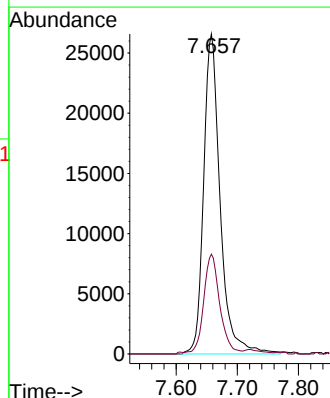
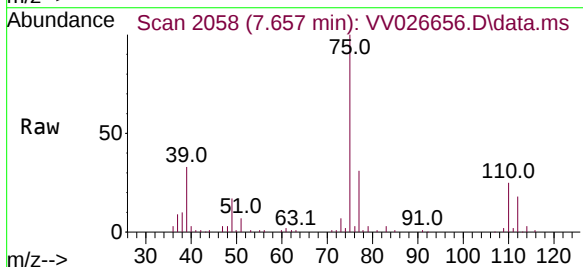
Acq: 05 Jul 2022 20:21

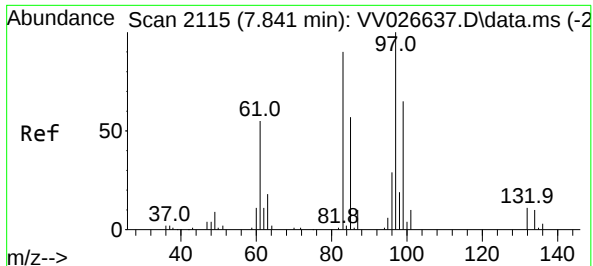
Tgt Ion: 75 Resp: 49847

Ion Ratio Lower Upper

75 100

77 31.2 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 4.889 ug/L

RT: 7.844 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV026656.D

Acq: 05 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

YB324MSD

Tgt Ion: 97 Resp: 40885

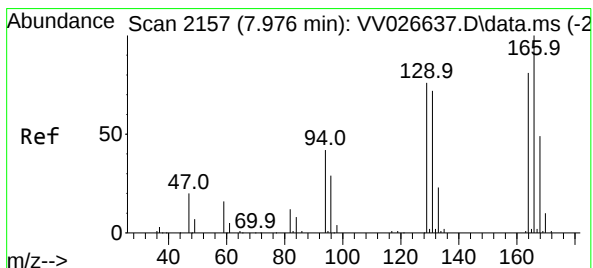
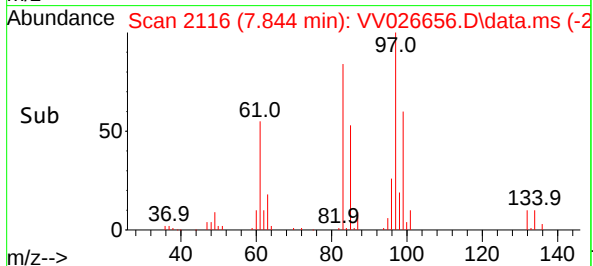
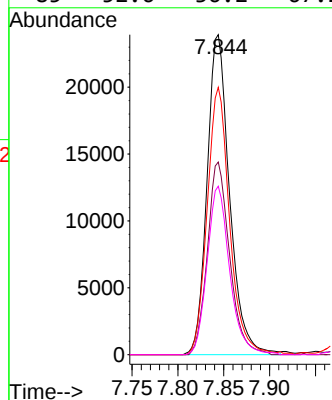
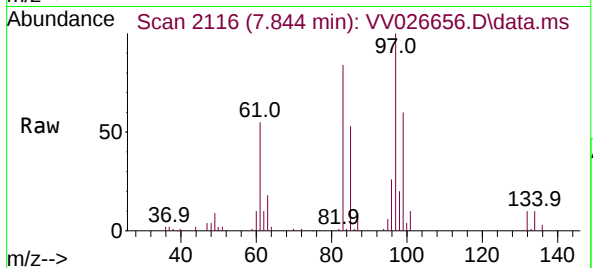
Ion Ratio Lower Upper

97 100

99 60.2 43.4 80.6

83 83.6 58.0 107.8

85 52.6 36.2 67.2



#47

Tetrachloroethene

Concen: 6.214 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026656.D

Acq: 05 Jul 2022 20:21

Tgt Ion:164 Resp: 71574

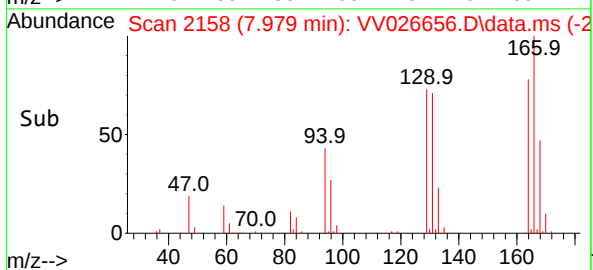
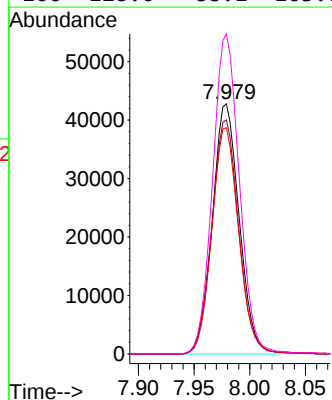
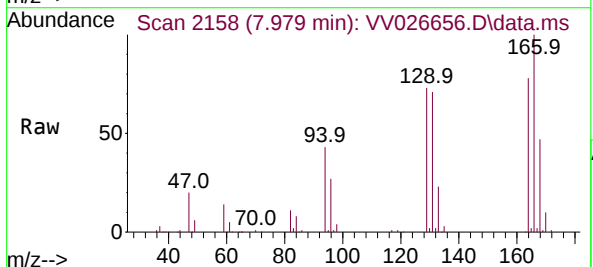
Ion Ratio Lower Upper

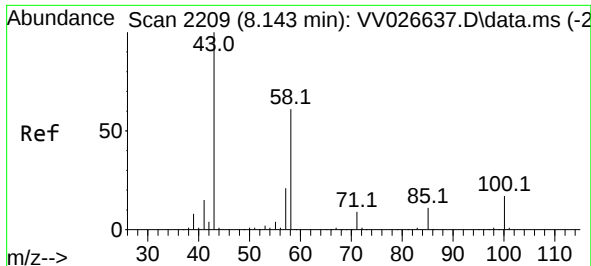
164 100

129 93.6 66.4 123.2

131 90.5 64.4 119.6

166 128.0 88.1 163.7

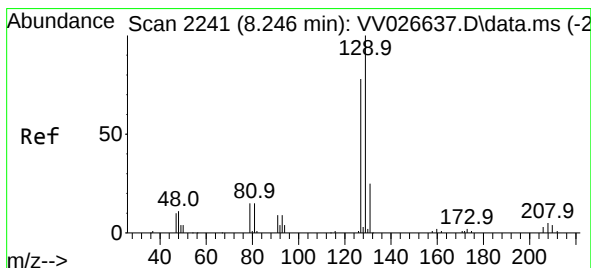
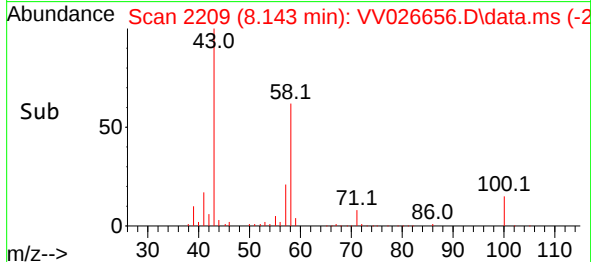
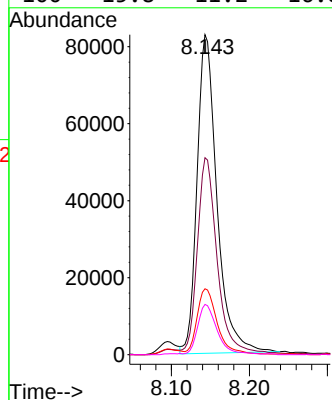
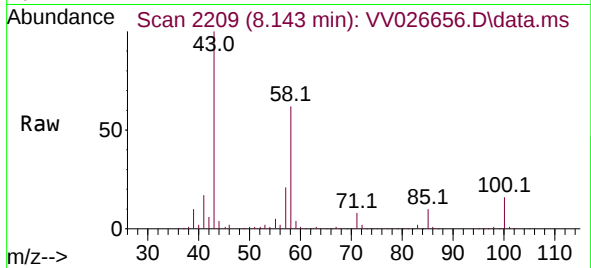




#48
2-Hexanone
Concen: 47.089 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

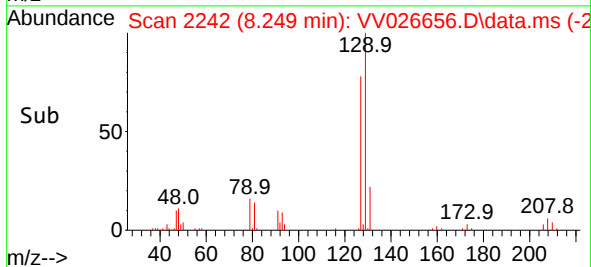
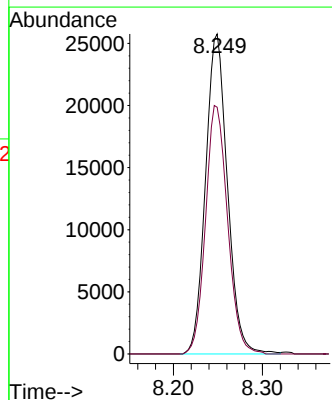
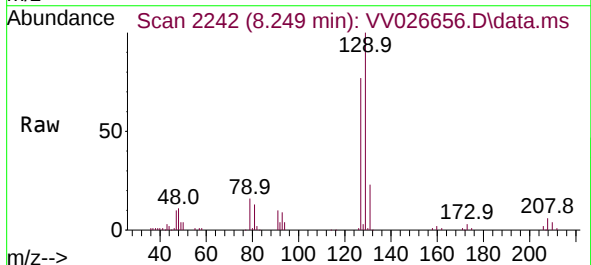
Instrument :
MSVOA_V
ClientSampleId :
YB324MSD

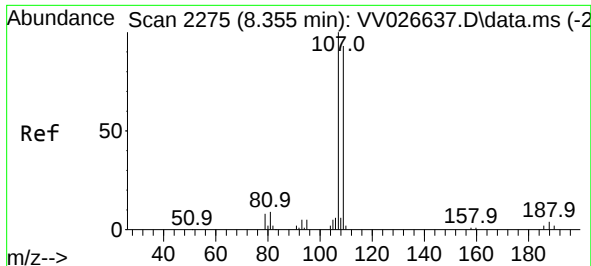
Tgt Ion: 43 Resp: 146843
Ion Ratio Lower Upper
43 100
58 61.6 47.8 71.6
57 20.8 15.0 22.6
100 15.8 11.2 16.8



#49
Dibromochloromethane
Concen: 5.192 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

Tgt Ion: 129 Resp: 43973
Ion Ratio Lower Upper
129 100
127 77.1 54.2 100.6

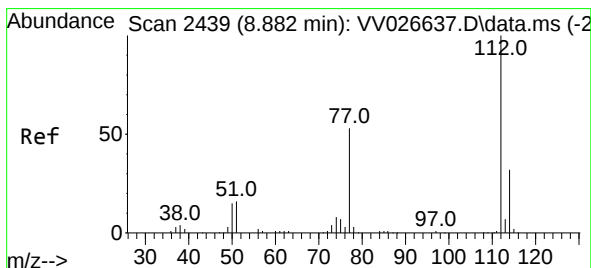
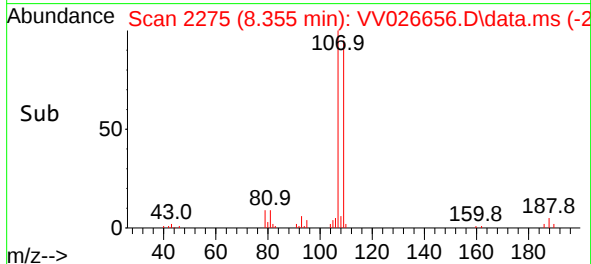
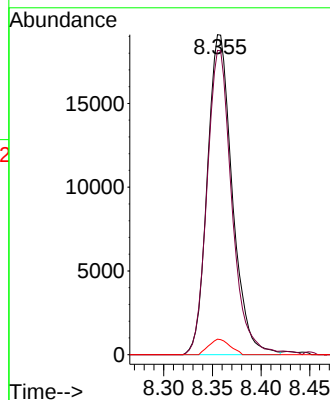
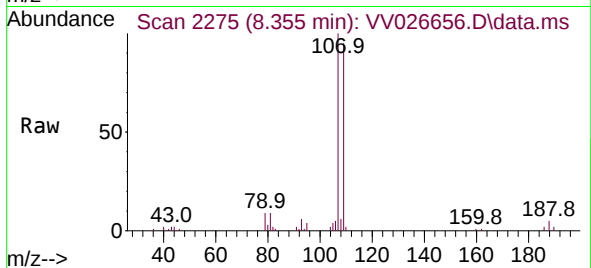




#50
1,2-Dibromoethane
Concen: 4.580 ug/L
RT: 8.355 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

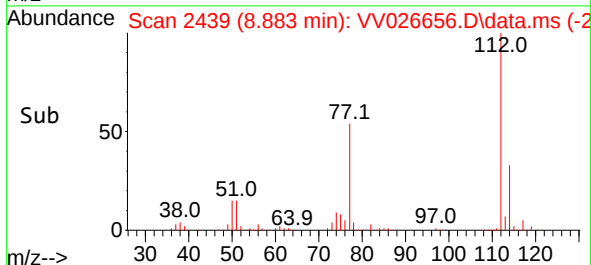
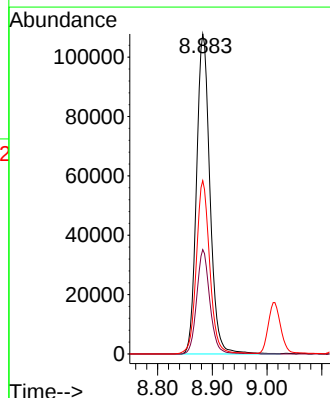
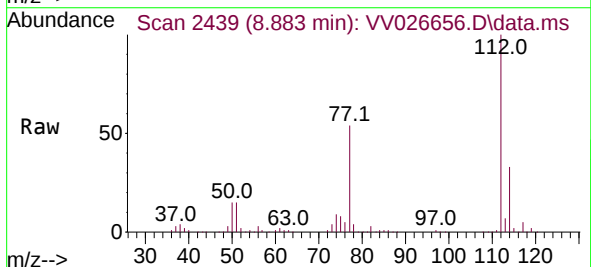
Instrument :
MSVOA_V
ClientSampleId :
YB324MSD

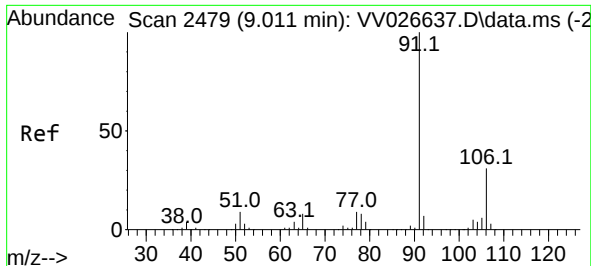
Tgt Ion:107 Resp: 34062
Ion Ratio Lower Upper
107 100
109 95.1 67.8 125.8
188 4.9 3.2 4.8#



#51
Chlorobenzene
Concen: 4.923 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

Tgt Ion:112 Resp: 183183
Ion Ratio Lower Upper
112 100
114 32.6 22.3 41.5
77 54.2 44.4 66.6

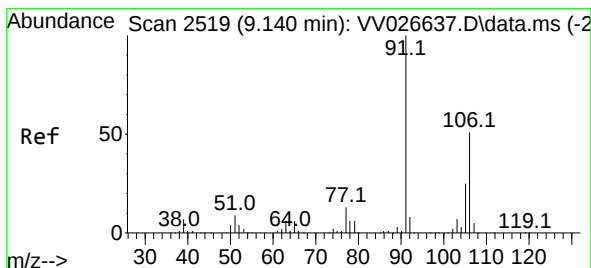
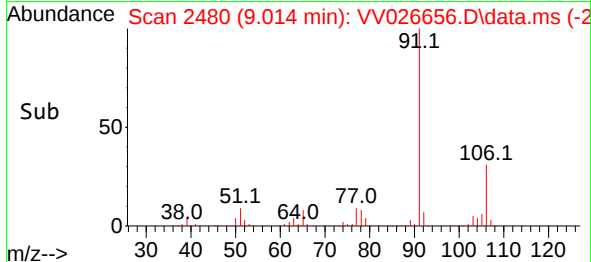
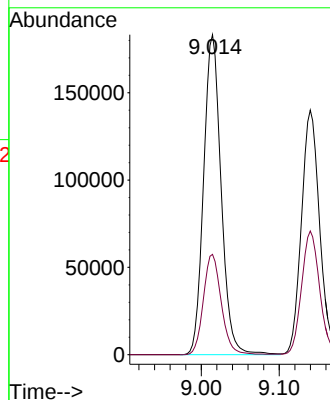
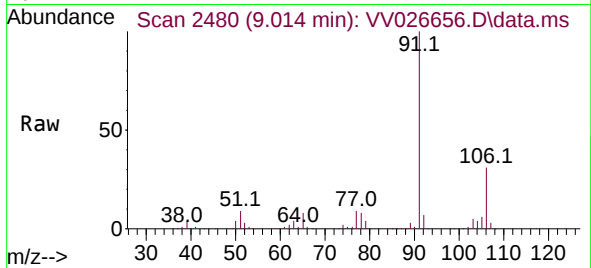




#52
Ethylbenzene
Concen: 4.869 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

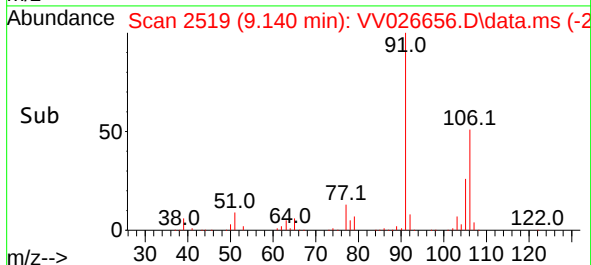
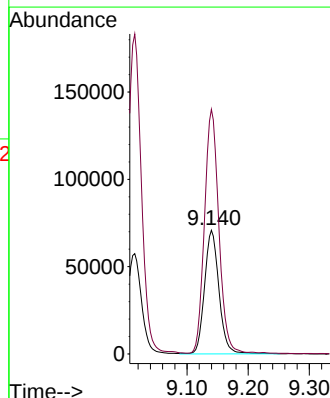
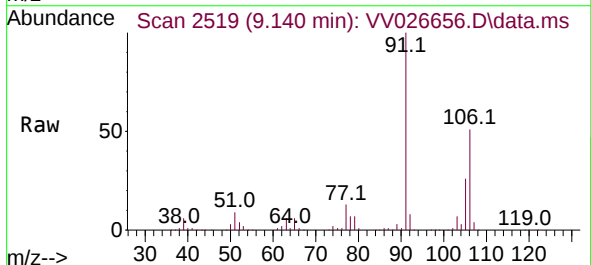
Instrument :
MSVOA_V
ClientSampleId :
YB324MSD

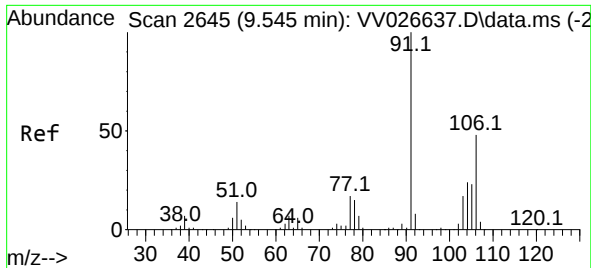
Tgt Ion: 91 Resp: 286055
Ion Ratio Lower Upper
91 100
106 31.3 22.1 41.1



#53
m,p-Xylene
Concen: 5.048 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

Tgt Ion: 106 Resp: 115698
Ion Ratio Lower Upper
106 100
91 197.7 139.9 259.9

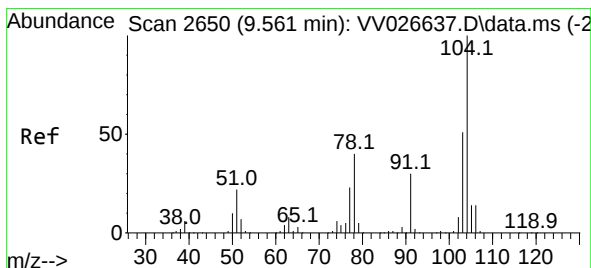
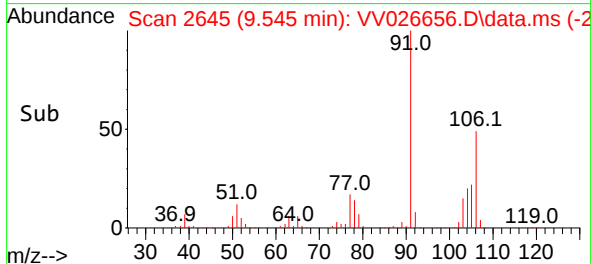
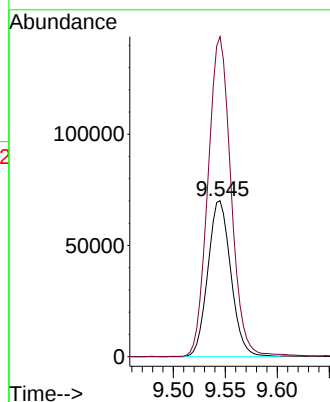
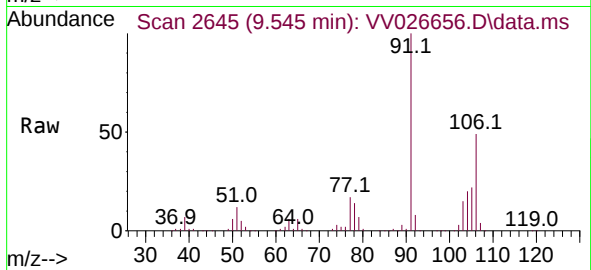




#54
o-Xylene
Concen: 5.019 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

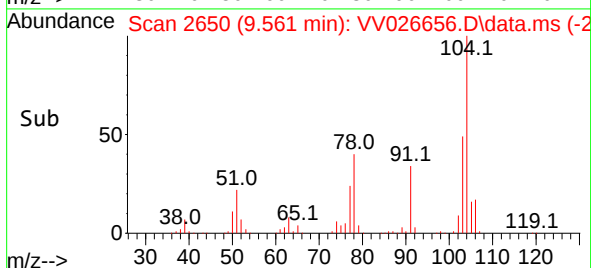
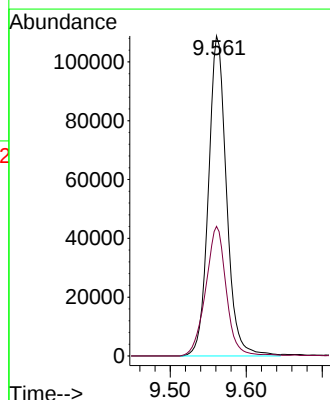
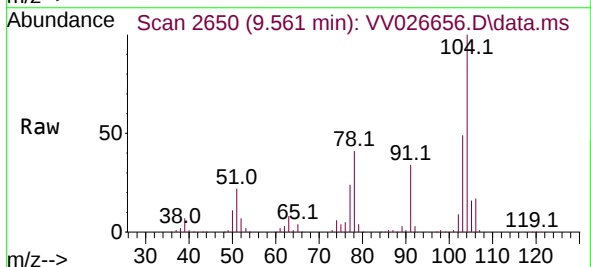
Instrument :
MSVOA_V
ClientSampleId :
YB324MSD

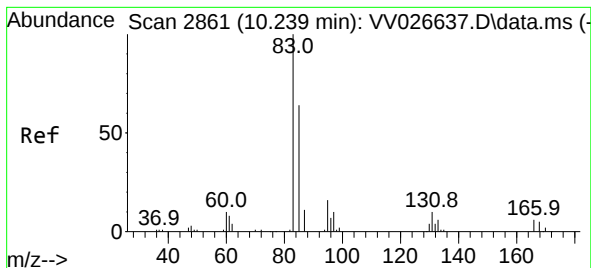
Tgt Ion:106 Resp: 107962
Ion Ratio Lower Upper
106 100
91 205.1 147.5 273.9



#55
Styrene
Concen: 5.044 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

Tgt Ion:104 Resp: 179733
Ion Ratio Lower Upper
104 100
78 40.5 28.4 52.8

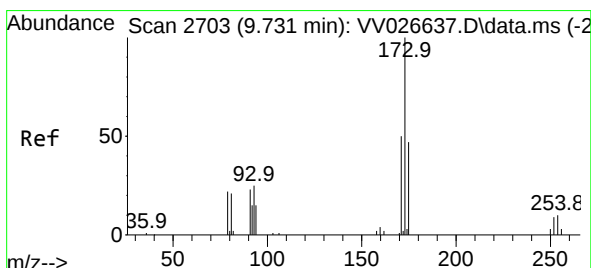
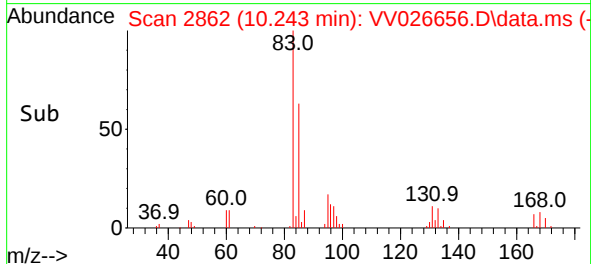
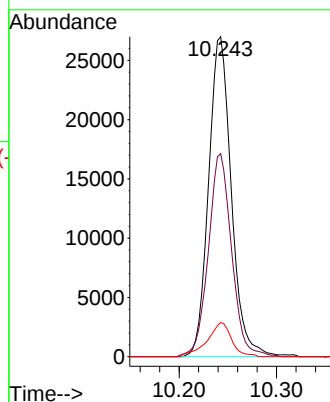
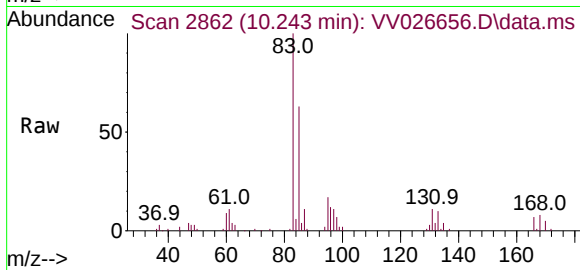




#57
1,1,2,2-Tetrachloroethane
Concen: 4.681 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

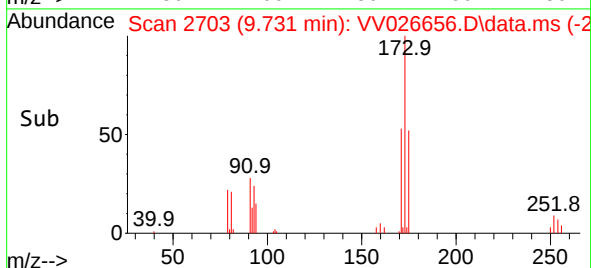
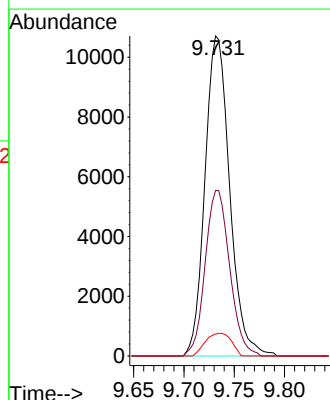
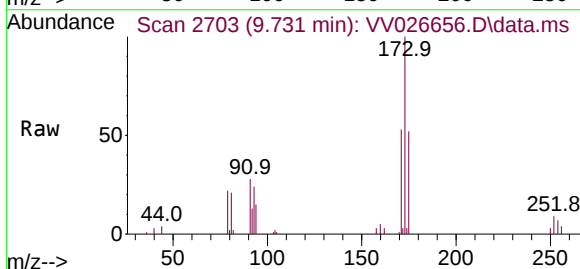
Instrument :
MSVOA_V
ClientSampleId :
YB324MSD

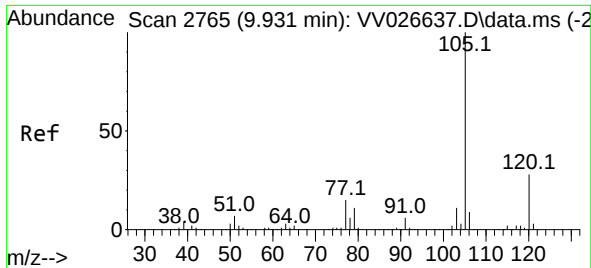
Tgt Ion:	83	Resp:	43716
Ion	Ratio	Lower	Upper
83	100		
85	63.4	44.3	82.3
131	10.6	8.0	12.0



#59
Bromoform
Concen: 5.074 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

Tgt Ion:	173	Resp:	18317
Ion	Ratio	Lower	Upper
173	100		
175	51.3	37.9	56.9
254	7.4	6.3	9.5

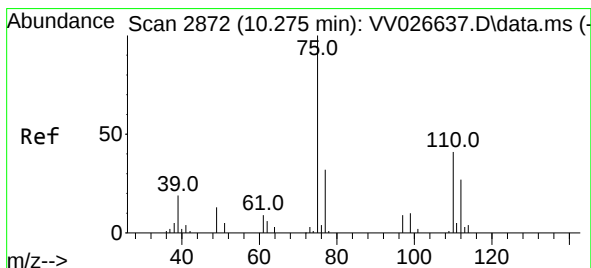
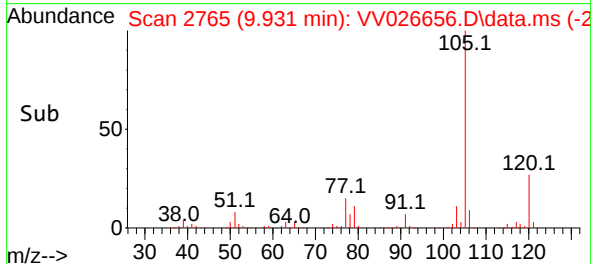
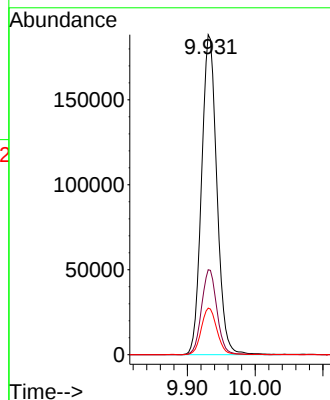
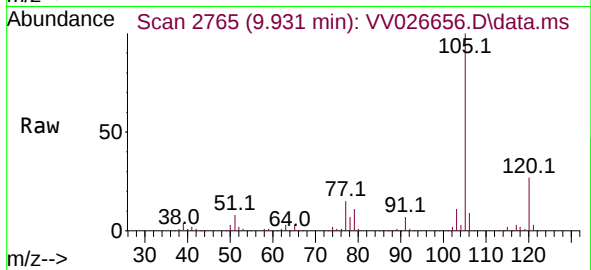




#60
Isopropylbenzene
Concen: 4.880 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

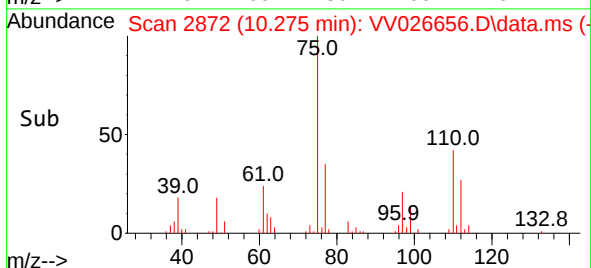
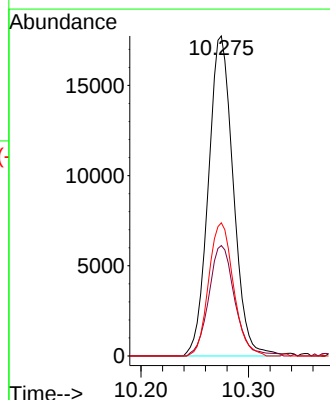
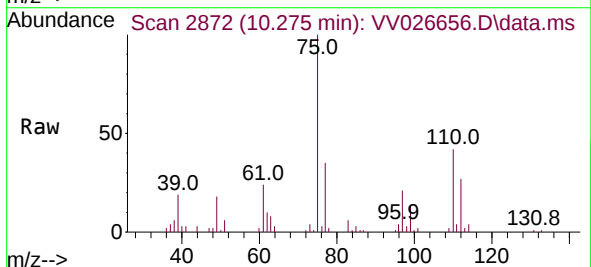
Instrument :
MSVOA_V
ClientSampleId :
YB324MSD

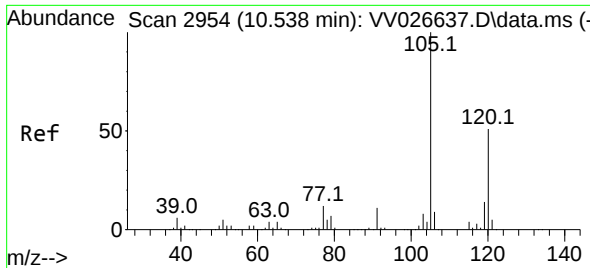
Tgt Ion:105 Resp: 294803
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 14.9 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 4.503 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

Tgt Ion: 75 Resp: 28564
Ion Ratio Lower Upper
75 100
77 36.0 25.8 38.6
110 41.4 32.5 48.7

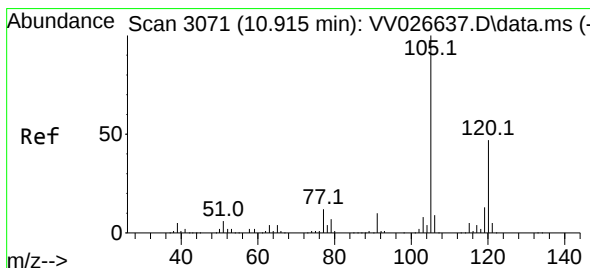
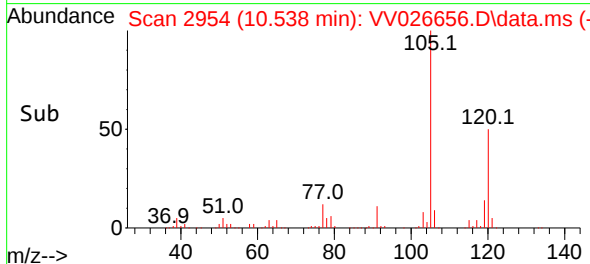
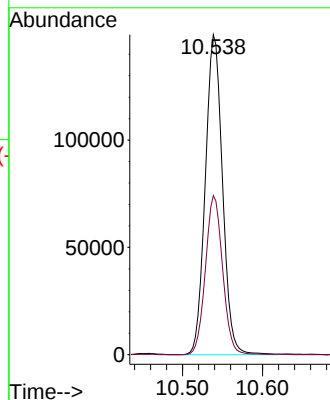
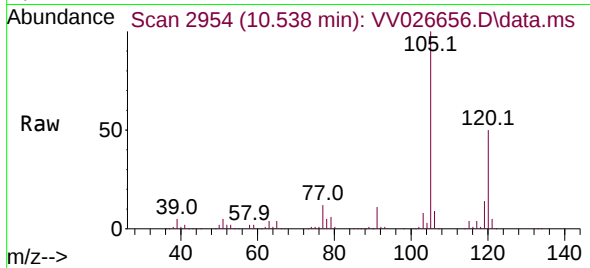




#62
 1,3,5-Trimethylbenzene
 Concen: 4.680 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026656.D
 Acq: 05 Jul 2022 20:21

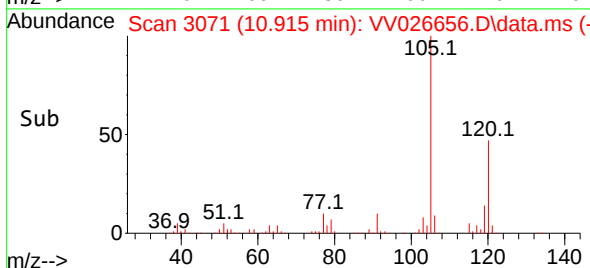
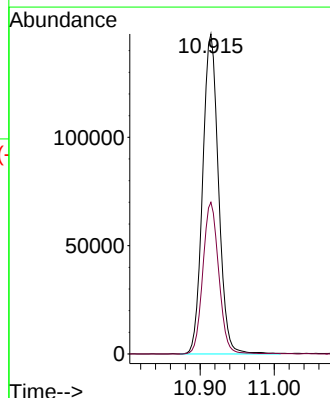
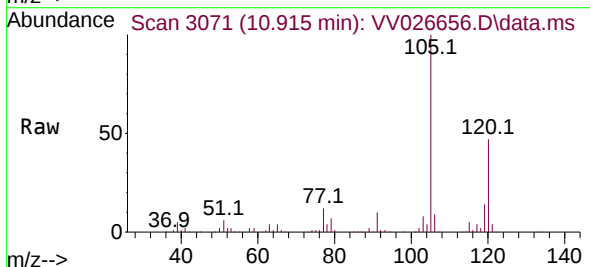
Instrument :
 MSVOA_V
 ClientSampleId :
 YB324MSD

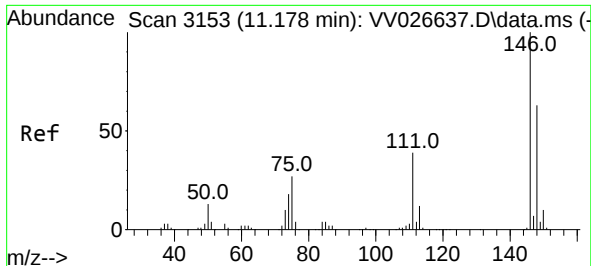
Tgt Ion:105 Resp: 223521
 Ion Ratio Lower Upper
 105 100
 120 49.7 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.661 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV026656.D
 Acq: 05 Jul 2022 20:21

Tgt Ion:105 Resp: 219495
 Ion Ratio Lower Upper
 105 100
 120 47.3 37.4 56.2

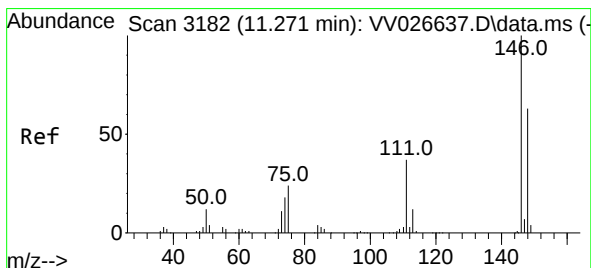
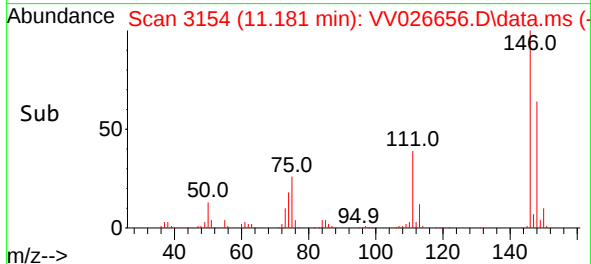
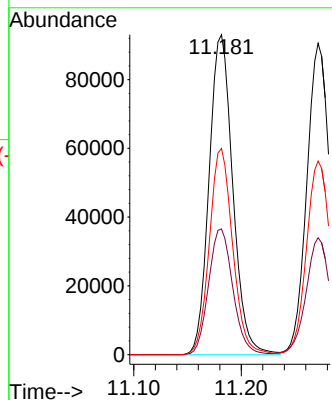
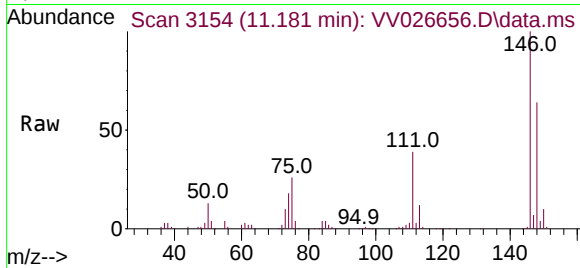




#64
1,3-Dichlorobenzene
Concen: 4.853 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

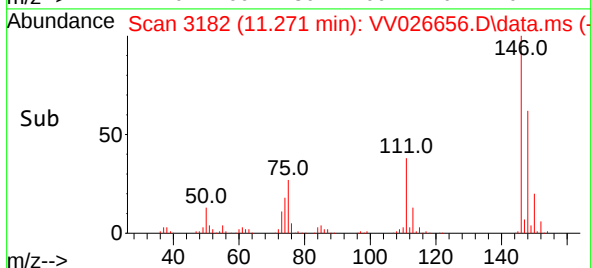
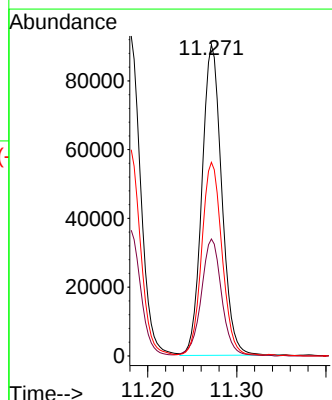
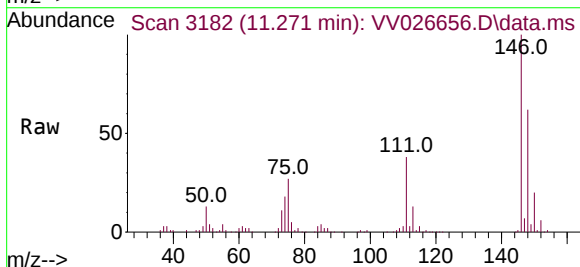
Instrument :
MSVOA_V
ClientSampleId :
YB324MSD

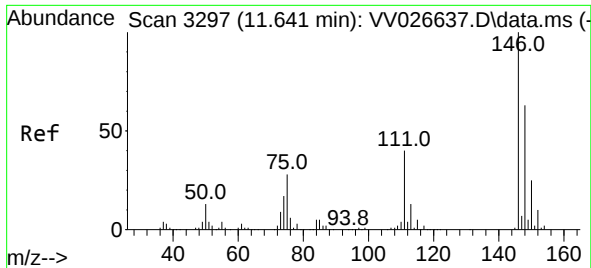
Tgt Ion:146 Resp: 142616
Ion Ratio Lower Upper
146 100
111 39.3 27.9 51.7
148 64.5 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.780 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

Tgt Ion:146 Resp: 139484
Ion Ratio Lower Upper
146 100
111 37.6 26.5 49.3
148 62.2 43.7 81.1

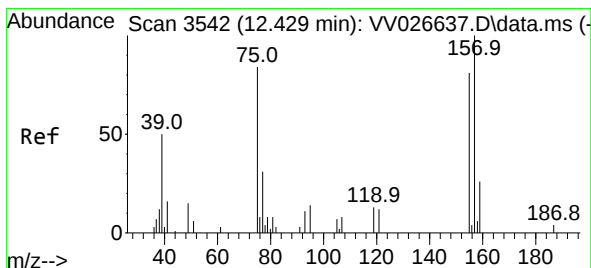
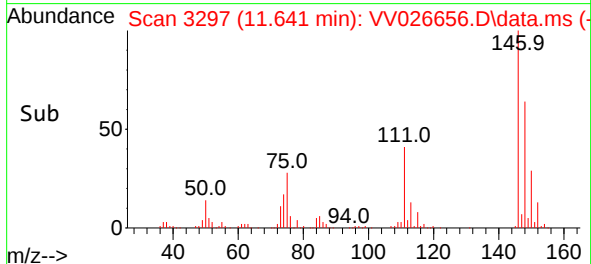
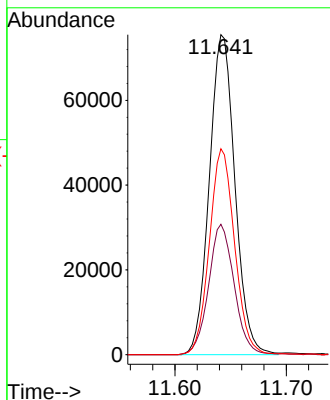
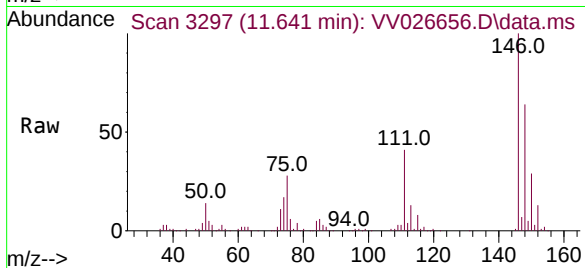




#67
1,2-Dichlorobenzene
Concen: 4.831 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

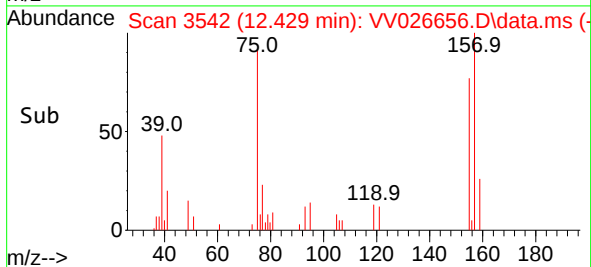
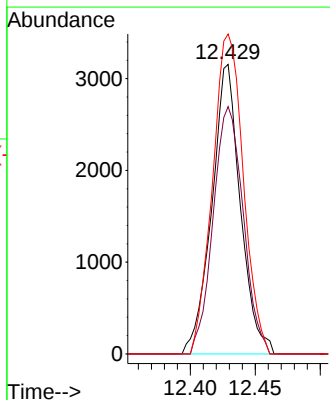
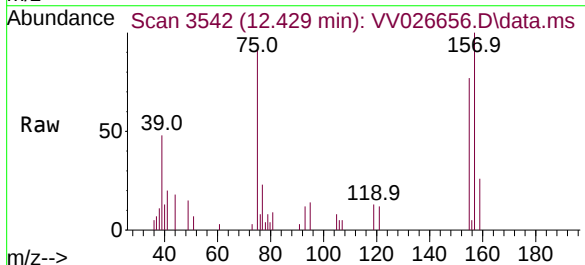
Instrument :
MSVOA_V
ClientSampleId :
YB324MSD

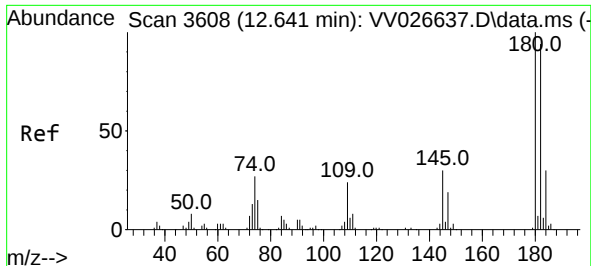
Tgt Ion:146 Resp: 120786
Ion Ratio Lower Upper
146 100
111 40.8 32.8 49.2
148 64.4 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.244 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

Tgt Ion: 75 Resp: 4828
Ion Ratio Lower Upper
75 100
155 85.4 74.7 112.1
157 110.5 96.9 145.3





#69

1,3,5-Trichlorobenzene

Concen: 4.725 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.003 min

Lab File: VV026656.D

Acq: 05 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

YB324MSD

Tgt Ion:180 Resp: 99847

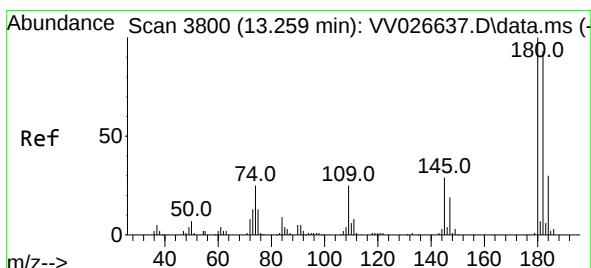
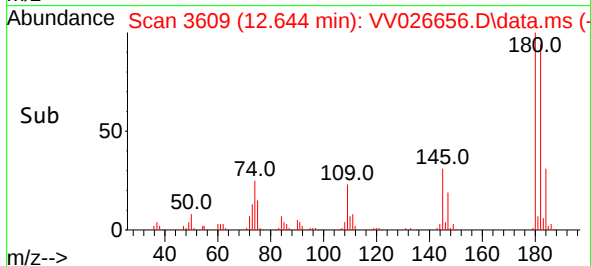
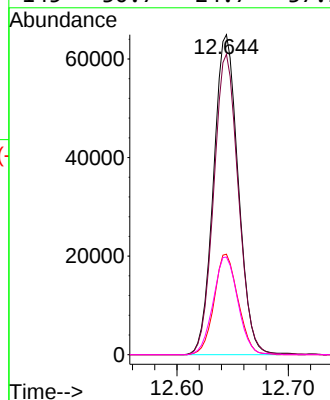
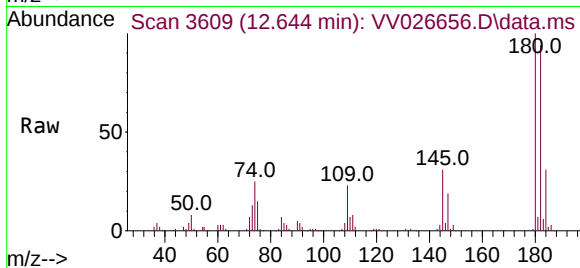
Ion Ratio Lower Upper

180 100

182 93.6 76.6 115.0

184 30.5 24.1 36.1

145 30.7 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 4.547 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026656.D

Acq: 05 Jul 2022 20:21

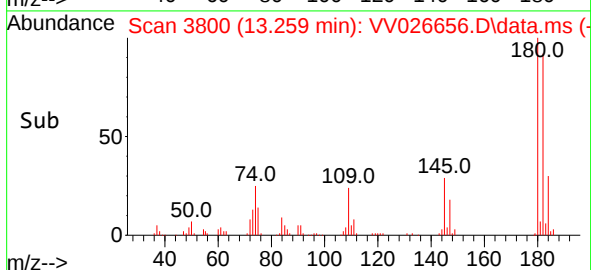
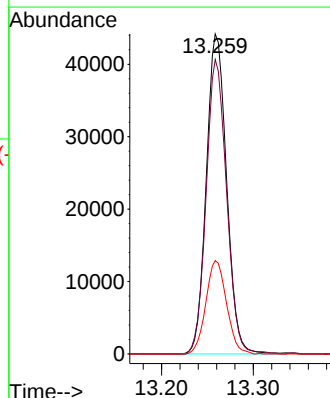
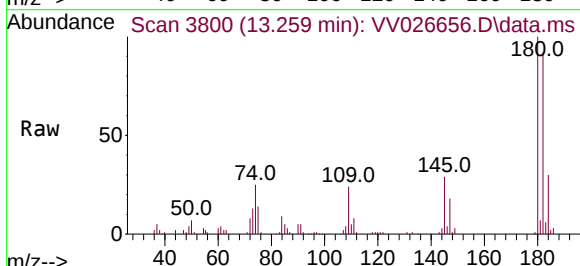
Tgt Ion:180 Resp: 67848

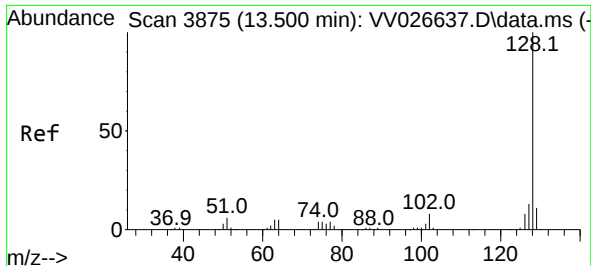
Ion Ratio Lower Upper

180 100

182 92.8 75.2 112.8

145 29.8 24.4 36.6

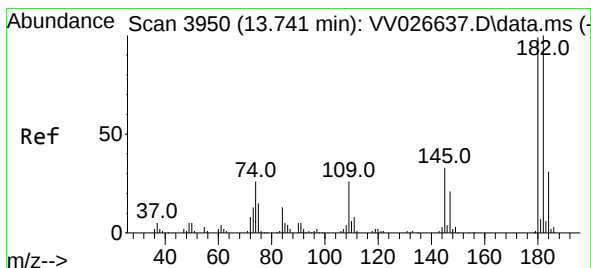
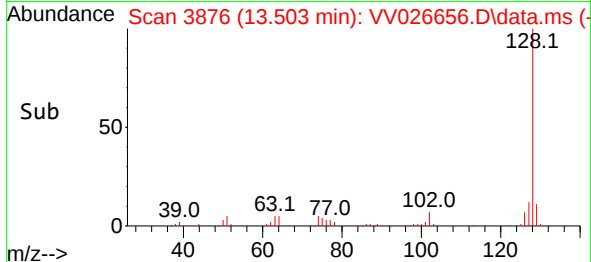
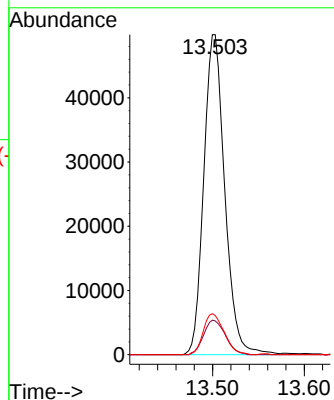
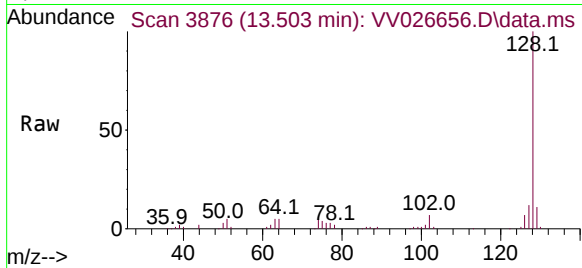




#71
Naphthalene
Concen: 4.070 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

Instrument :
MSVOA_V
ClientSampleId :
YB324MSD

Tgt Ion:128 Resp: 79216
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.358 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026656.D
Acq: 05 Jul 2022 20:21

Tgt Ion:180 Resp: 53221
Ion Ratio Lower Upper
180 100
182 96.2 76.8 115.2
145 32.5 25.8 38.6

