

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042522\
 Data File : VW025703.D
 Acq On : 25 Apr 2022 09:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 26 06:22:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 23 01:57:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	177196	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	178394	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	96912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	91236	5.538	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.800%
7) Chloroethane-d5	1.571	69	87225	4.977	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.111	63	175509	5.318	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.400%
20) 2-Butanone-d5	3.886	46	111724	55.753	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.500%
24) Chloroform-d	4.346	84	142958	5.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.800%
26) 1,2-Dichloroethane-d4	5.031	65	62898	5.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
32) Benzene-d6	5.047	84	284828	5.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.400%
36) 1,2-Dichloropropane-d6	6.066	67	80458	5.589	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.800%
41) Toluene-d8	7.310	98	265966	5.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
43) trans-1,3-Dichloroprop...	7.619	79	26134	5.401	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.000%
46) 2-Hexanone-d5	8.085	63	86847	51.143	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.280%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44062	4.845	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	80685	4.966	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	67648	4.226	ug/L	99
3) Chloromethane	1.246	50	86551	4.976	ug/L	99
5) Vinyl chloride	1.314	62	93724	4.769	ug/L	99
6) Bromomethane	1.526	94	58067	4.097	ug/L	99
8) Chloroethane	1.587	64	69902	4.608	ug/L	98
9) Trichlorofluoromethane	1.758	101	134781	4.882	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	76913	4.959	ug/L	98
12) 1,1-Dichloroethene	2.121	96	72875	4.742	ug/L	97
13) Acetone	2.182	43	81412	59.856	ug/L	95
14) Carbon disulfide	2.298	76	152801	4.153	ug/L	99
15) Methyl Acetate	2.439	43	18290	6.050	ug/L	91
16) Methylene chloride	2.510	84	64975	4.360	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	119093	5.008	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	61891	4.806	ug/L	98
19) 1,1-Dichloroethane	3.192	63	122056	5.595	ug/L	98
21) 2-Butanone	3.973	43	110005	58.531	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	68922	5.083	ug/L	91
23) Bromochloromethane	4.246	128	29094	5.168	ug/L	92
25) Chloroform	4.372	83	131330	5.704	ug/L	96

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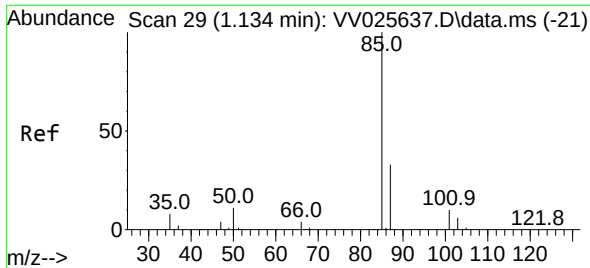
Quant Time: Apr 26 06:22:35 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	66863	5.504	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	110809	5.267	ug/L	98
30) Cyclohexane	4.677	56	82394	4.307	ug/L	97
31) Carbon tetrachloride	4.825	117	96018	5.396	ug/L	98
33) Benzene	5.095	78	272417	5.170	ug/L	100
34) Trichloroethene	5.908	95	70467	5.036	ug/L	96
35) Methylcyclohexane	6.127	83	94732	4.243	ug/L	96
37) 1,2-Dichloropropane	6.172	63	66169	5.428	ug/L	99
38) Bromodichloromethane	6.507	83	87671	5.793	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	84413	5.283	ug/L	100
40) 4-Methyl-2-pentanone	7.224	43	285519	58.492	ug/L	96
42) Toluene	7.384	91	292614	5.105	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	68233	5.497	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	44050	5.396	ug/L	99
47) Tetrachloroethene	7.973	164	50827	4.640	ug/L	98
48) 2-Hexanone	8.137	43	204605	60.146	ug/L	95
49) Dibromochloromethane	8.243	129	50532	5.638	ug/L	98
50) 1,2-Dibromoethane	8.349	107	38241	4.987	ug/L	98
51) Chlorobenzene	8.876	112	181029	4.946	ug/L	97
52) Ethylbenzene	9.008	91	296422	4.849	ug/L	100
53) m,p-Xylene	9.137	106	117322	5.047	ug/L	100
54) o-Xylene	9.542	106	109668	4.857	ug/L	98
55) Styrene	9.558	104	196388	5.349	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	41006	5.027	ug/L	98
59) Bromoform	9.728	173	23668	5.916	ug/L	96
60) Isopropylbenzene	9.928	105	298616	4.978	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	34457	5.398	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	123420	4.614	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	236029	4.897	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	139138	4.969	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	140308	4.936	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	124704	5.029	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	6327	5.733	ug/L	90
69) 1,3,5-Trichlorobenzene	12.641	180	99615	4.676	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	71376	4.346	ug/L	100
71) Naphthalene	13.500	128	100213	4.159	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	61295	4.507	ug/L	97

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

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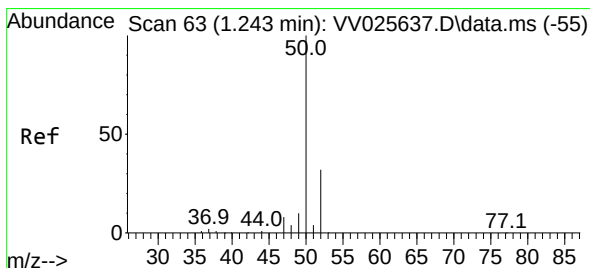
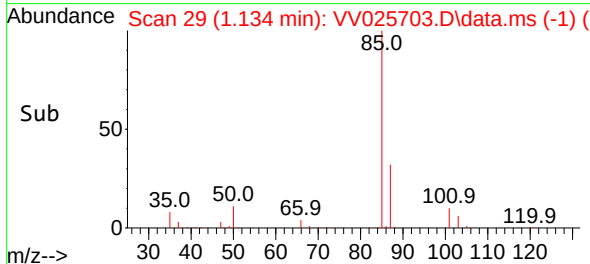
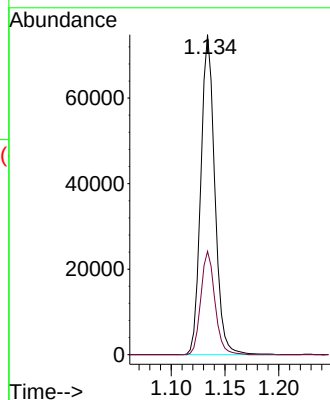
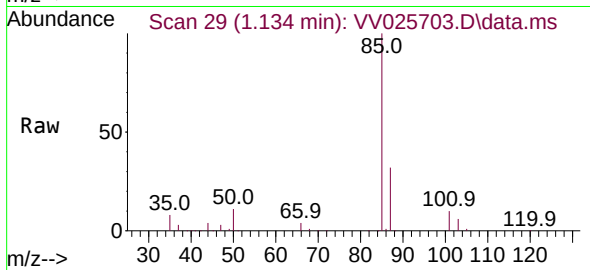




#2
 Dichlorodifluoromethane
 Concen: 4.226 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VV025703.D
 Acq: 25 Apr 2022 09:27

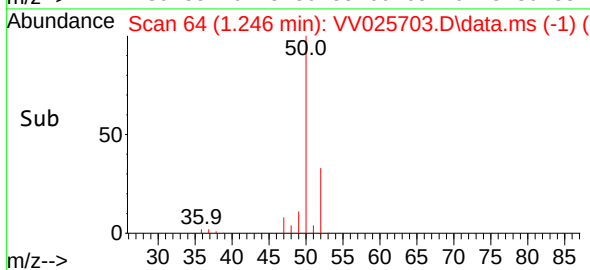
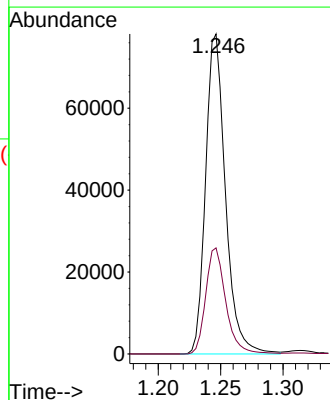
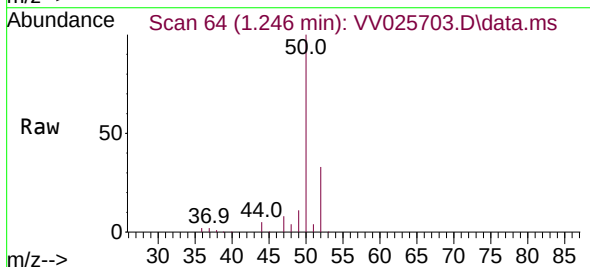
Instrument :
 MSVOA_V
 ClientSampleId :

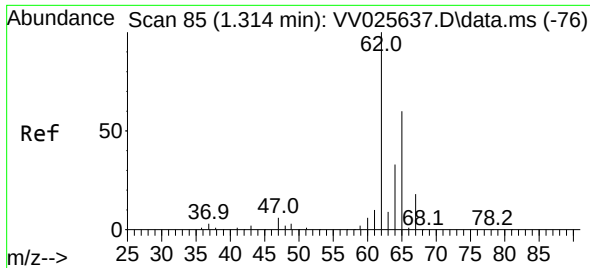
Tgt Ion: 85 Resp: 67648
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.6 38.4



#3
 Chloromethane
 Concen: 4.976 ug/L
 RT: 1.246 min Scan# 64
 Delta R.T. 0.003 min
 Lab File: VV025703.D
 Acq: 25 Apr 2022 09:27

Tgt Ion: 50 Resp: 86551
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.7 43.9

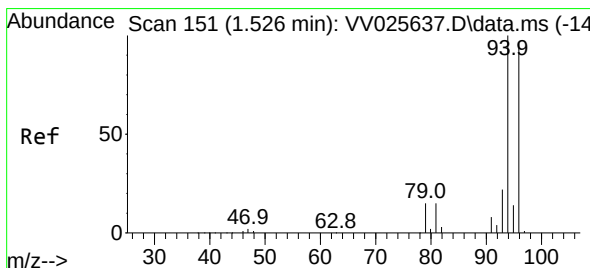
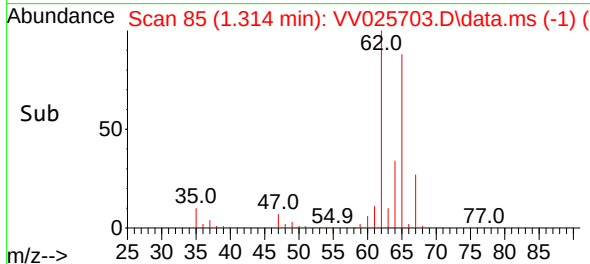
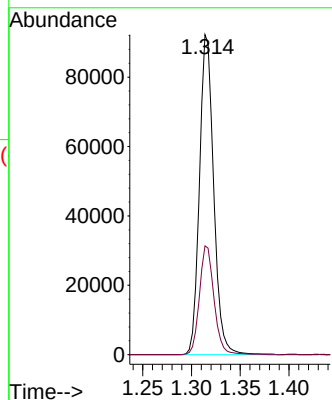
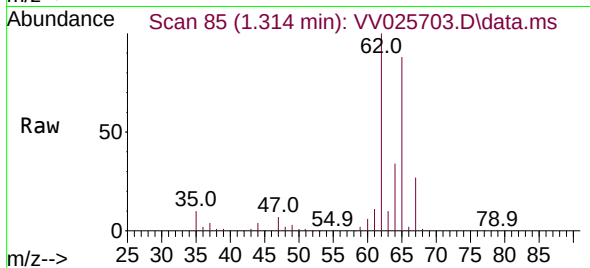




#5
 Vinyl chloride
 Concen: 4.769 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025703.D
 Acq: 25 Apr 2022 09:27

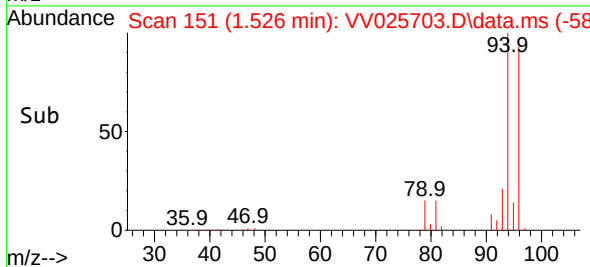
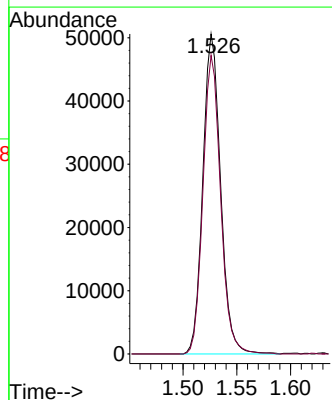
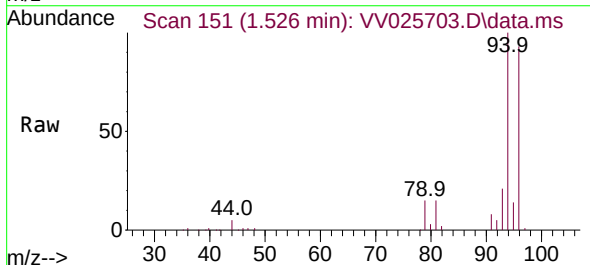
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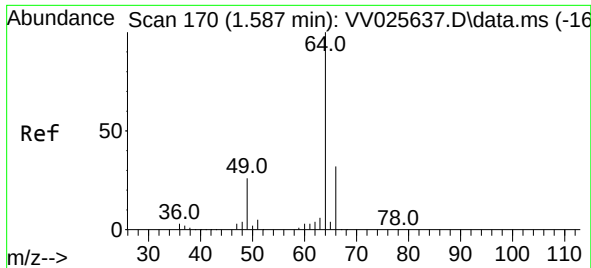
Tgt Ion: 62 Resp: 93724
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.2 43.2



#6
 Bromomethane
 Concen: 4.097 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV025703.D
 Acq: 25 Apr 2022 09:27

Tgt Ion: 94 Resp: 58067
 Ion Ratio Lower Upper
 94 100
 96 93.3 66.1 122.7

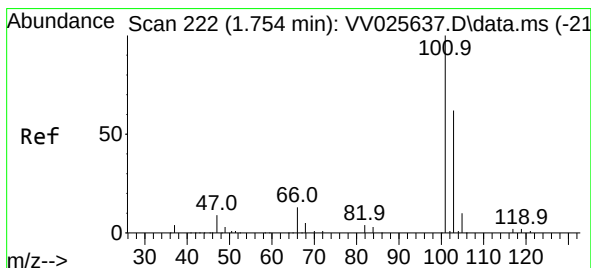
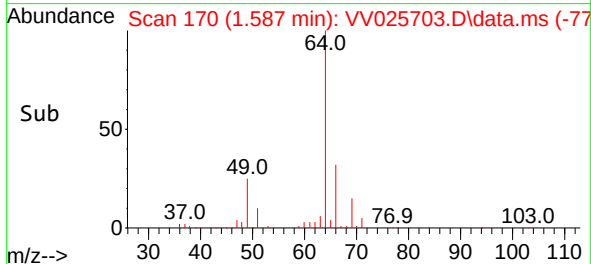
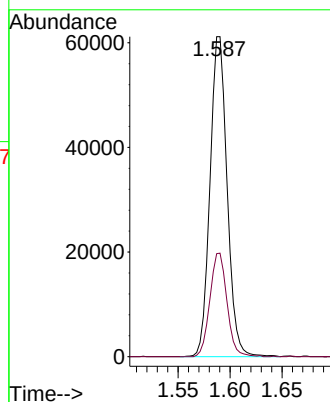
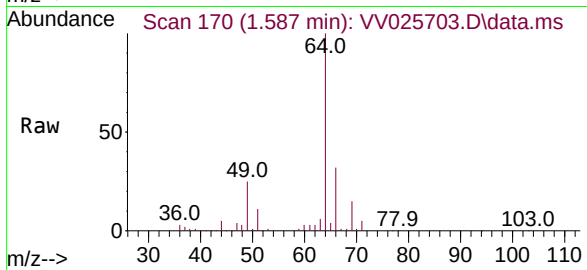




#8
Chloroethane
Concen: 4.608 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025703.D
Acq: 25 Apr 2022 09:27

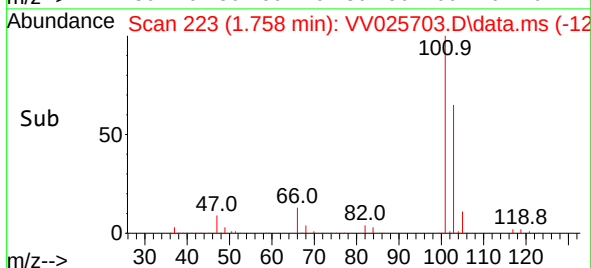
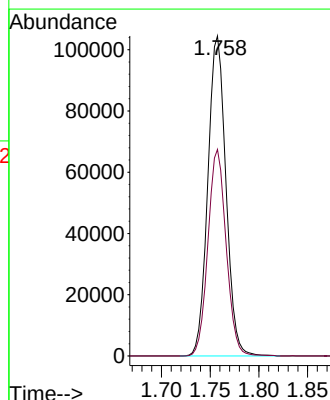
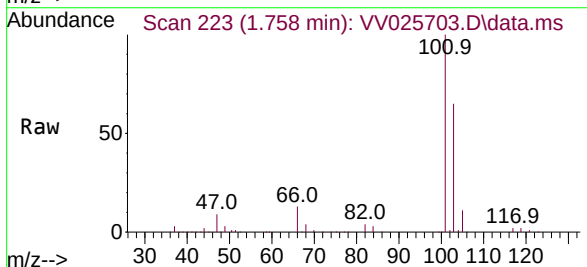
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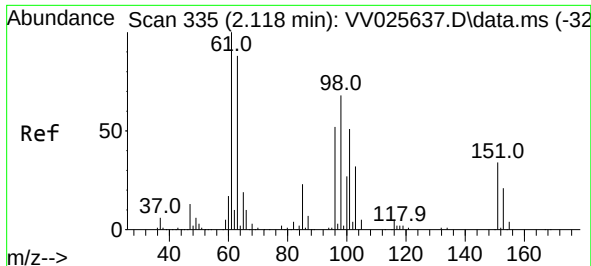
Tgt Ion: 64 Resp: 69902
Ion Ratio Lower Upper
64 100
66 32.2 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.882 ug/L
RT: 1.758 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV025703.D
Acq: 25 Apr 2022 09:27

Tgt Ion:101 Resp: 134781
Ion Ratio Lower Upper
101 100
103 65.0 51.9 77.9

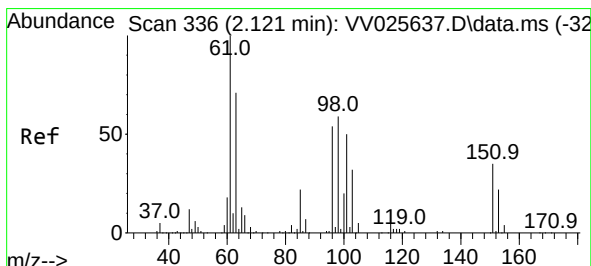
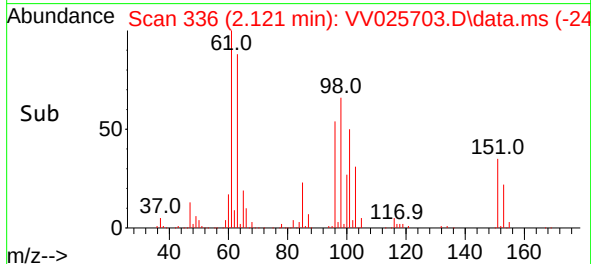
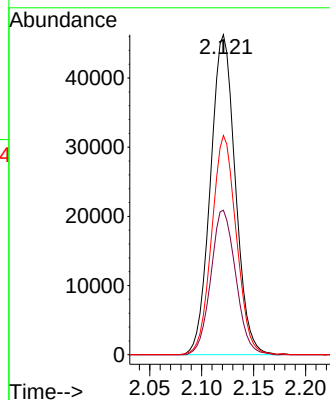
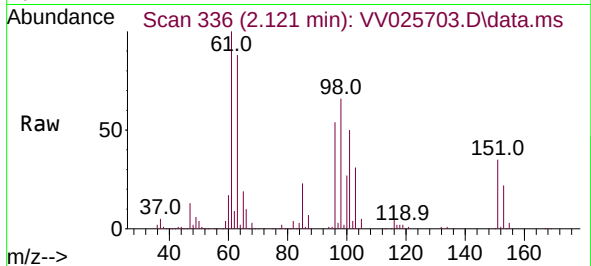




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.959 ug/L
 RT: 2.121 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV025703.D
 Acq: 25 Apr 2022 09:27

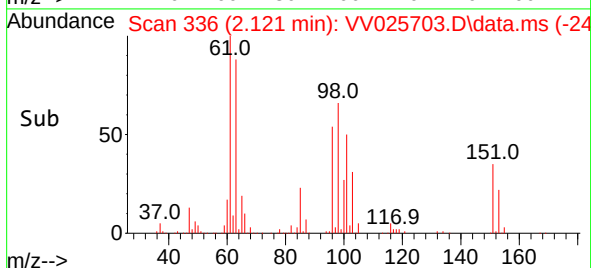
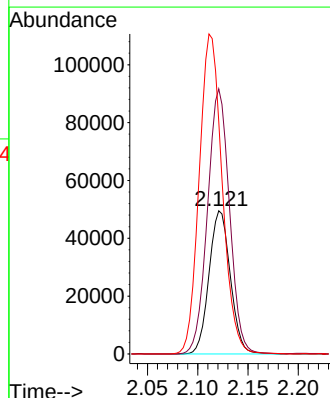
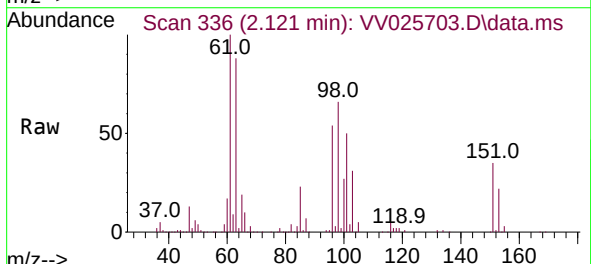
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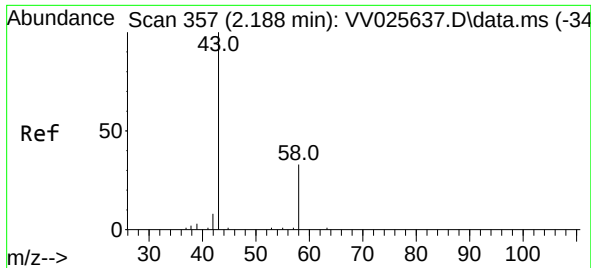
Tgt Ion:101 Resp: 76913
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.9 53.9
 151 68.0 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.742 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025703.D
 Acq: 25 Apr 2022 09:27

Tgt Ion: 96 Resp: 72875
 Ion Ratio Lower Upper
 96 100
 61 185.0 125.2 232.4
 63 162.3 114.4 212.4





#13

Acetone

Concen: 59.856 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

Instrument :

MSVOA_V

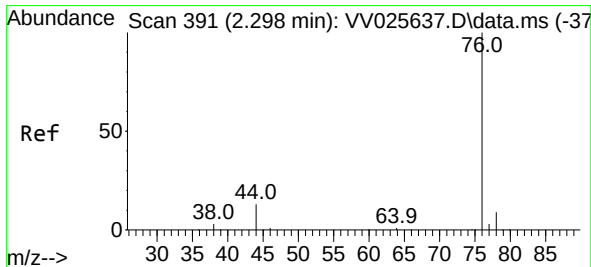
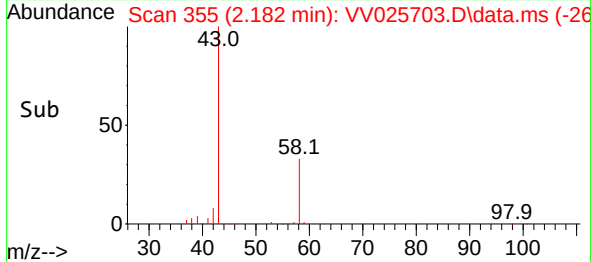
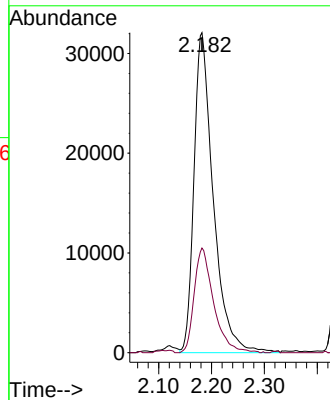
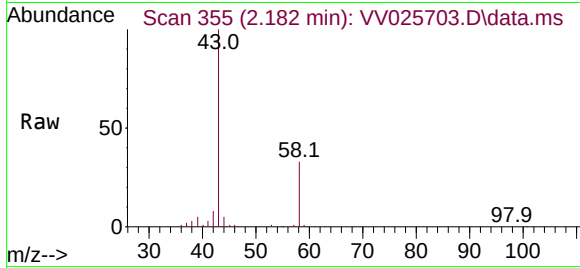
ClientSampleId :

Tgt Ion: 43 Resp: 81412

Ion Ratio Lower Upper

43 100

58 32.9 0.0 72.2



#14

Carbon disulfide

Concen: 4.153 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV025703.D

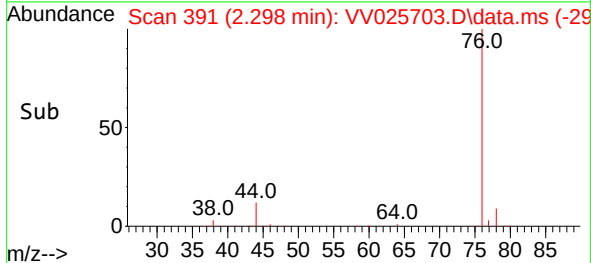
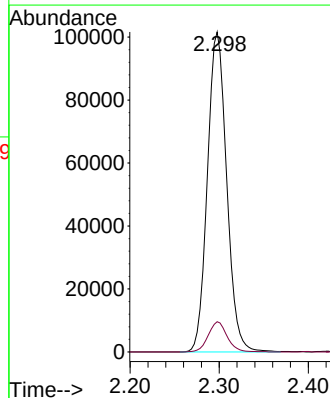
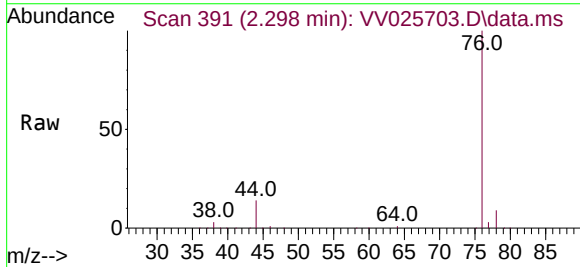
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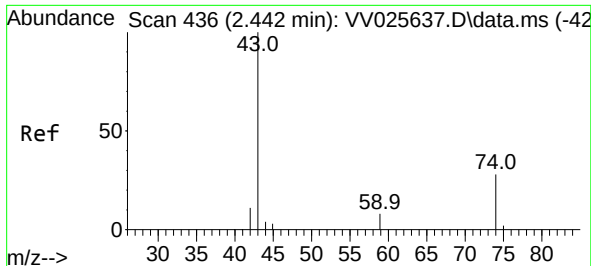
Tgt Ion: 76 Resp: 152801

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9





#15

Methyl Acetate

Concen: 6.050 ug/L

RT: 2.439 min Scan# 41

Delta R.T. 0.000 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

Instrument :

MSVOA_V

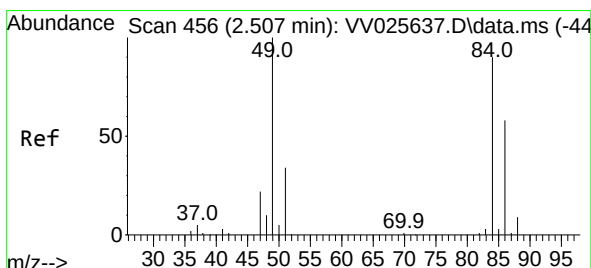
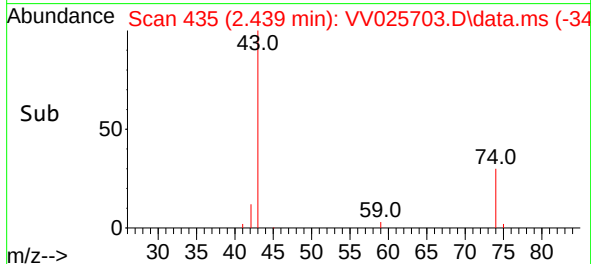
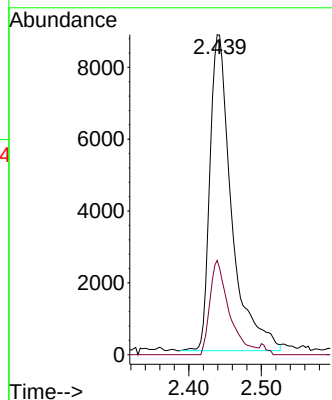
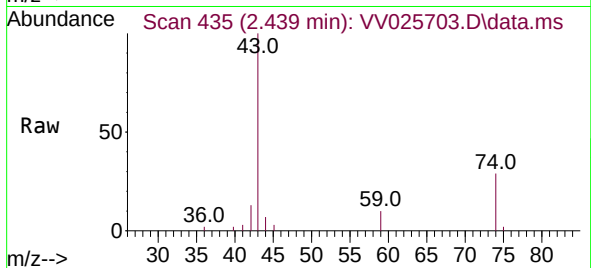
ClientSampleId :

Tgt Ion: 43 Resp: 18290

Ion Ratio Lower Upper

43 100

74 26.5 25.2 37.8



#16

Methylene chloride

Concen: 4.360 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

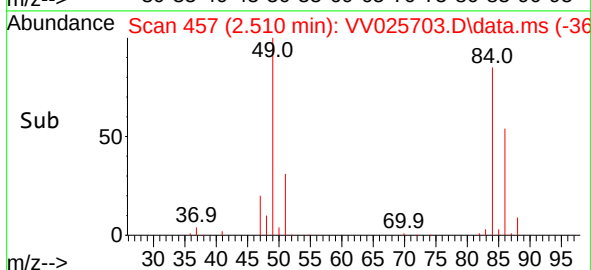
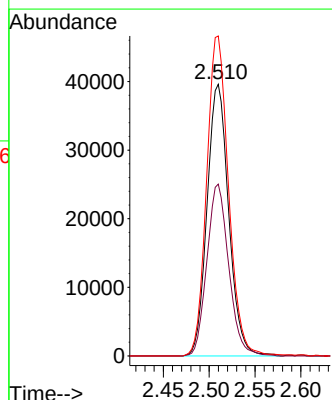
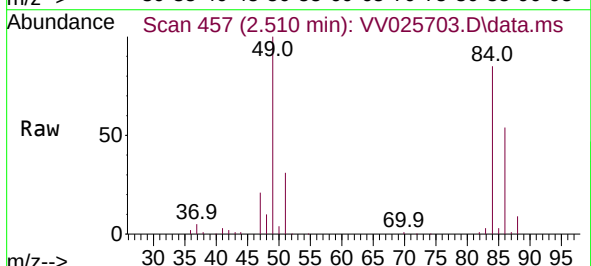
Tgt Ion: 84 Resp: 64975

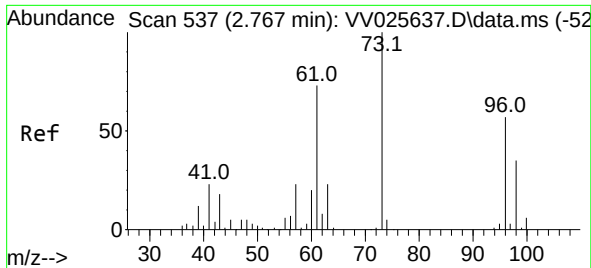
Ion Ratio Lower Upper

84 100

86 63.2 45.9 85.3

49 117.8 76.6 142.3

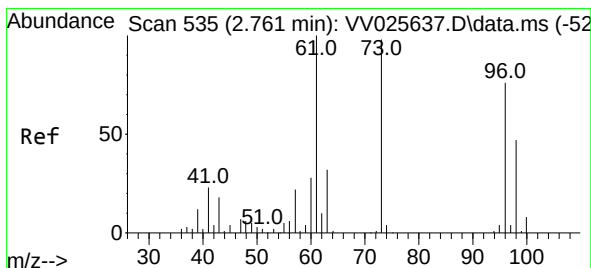
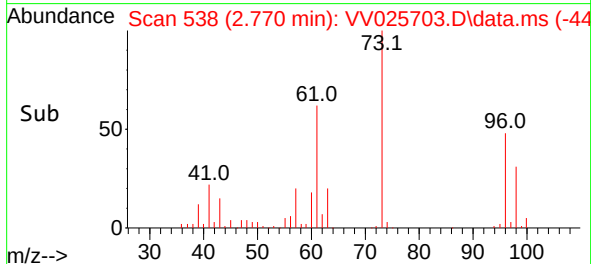
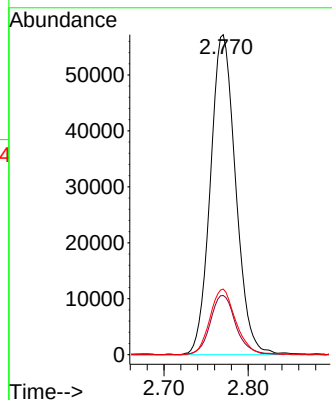
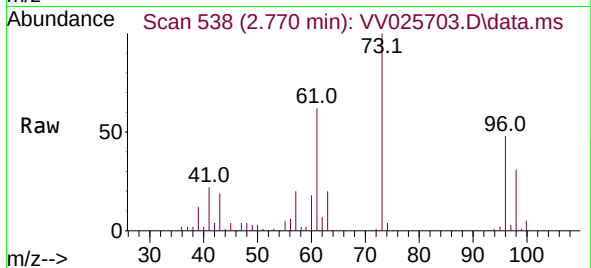




#17
Methyl tert-butyl Ether
Concen: 5.008 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025703.D
Acq: 25 Apr 2022 09:27

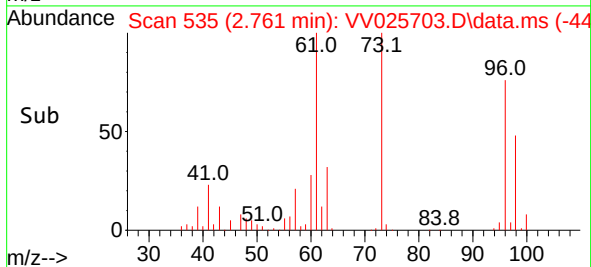
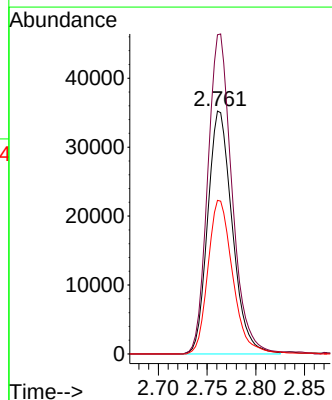
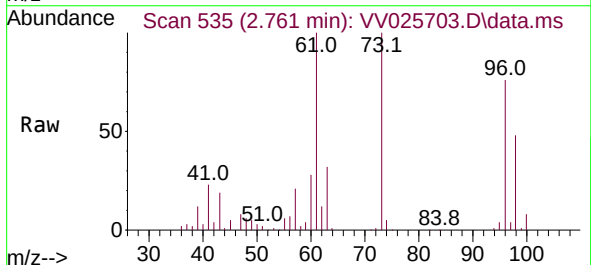
Instrument :
MSVOA_V
ClientSampleId :

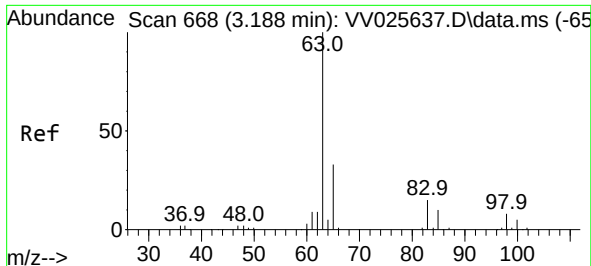
Tgt Ion: 73 Resp: 119093
Ion Ratio Lower Upper
73 100
43 18.9 14.2 21.4
57 20.8 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 4.806 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV025703.D
Acq: 25 Apr 2022 09:27

Tgt Ion: 96 Resp: 61891
Ion Ratio Lower Upper
96 100
61 131.4 92.1 171.1
98 63.3 47.5 88.1





#19

1,1-Dichloroethane

Concen: 5.595 ug/L

RT: 3.192 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

Instrument :

MSVOA_V

ClientSampleId :

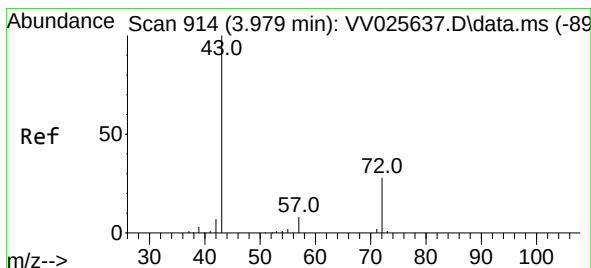
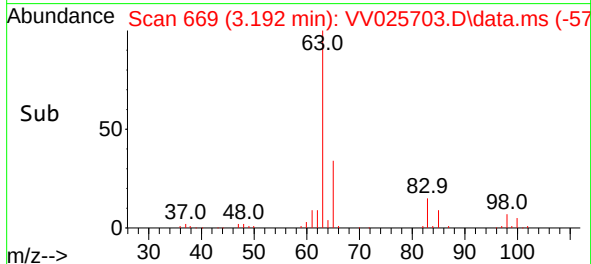
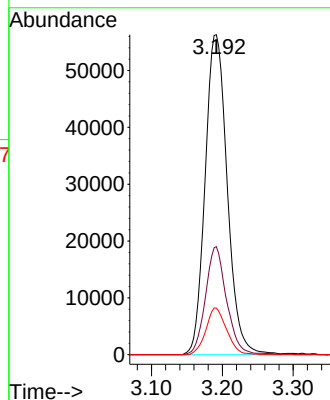
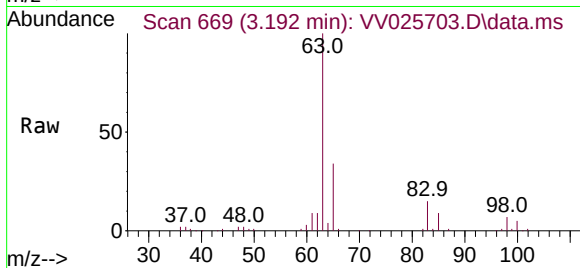
Tgt Ion: 63 Resp: 122056

Ion Ratio Lower Upper

63 100

65 33.8 23.2 43.0

83 14.6 9.0 16.8



#21

2-Butanone

Concen: 58.531 ug/L

RT: 3.973 min Scan# 912

Delta R.T. 0.003 min

Lab File: VV025703.D

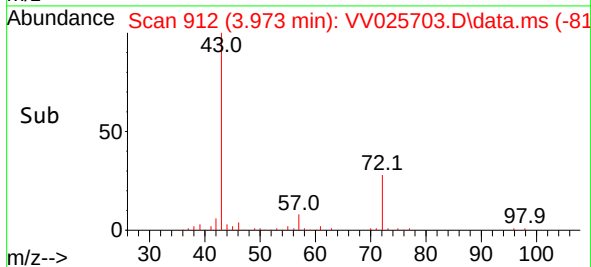
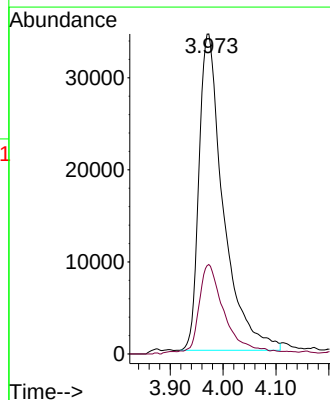
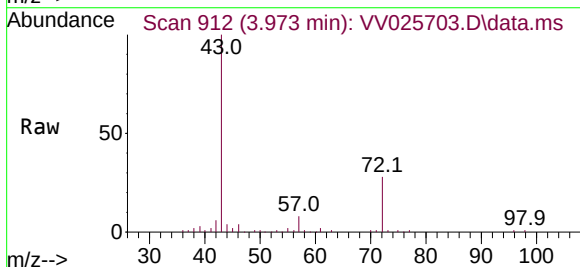
Acq: 25 Apr 2022 09:27

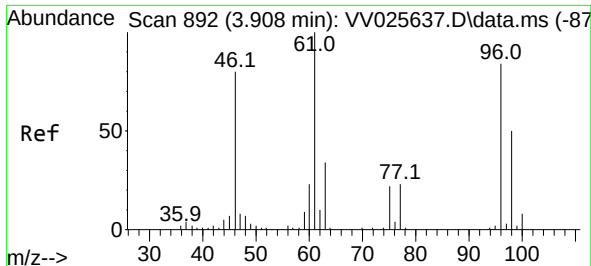
Tgt Ion: 43 Resp: 110005

Ion Ratio Lower Upper

43 100

72 28.1 15.2 45.6





#22

cis-1,2-Dichloroethene

Concen: 5.083 ug/L

RT: 3.912 min Scan# 892

Delta R.T. 0.000 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

Instrument :

MSVOA_V

ClientSampleId :

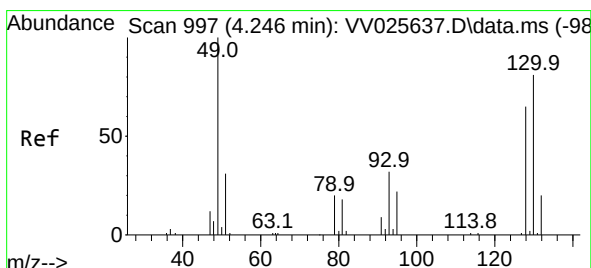
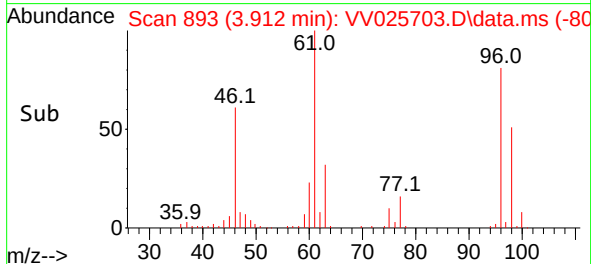
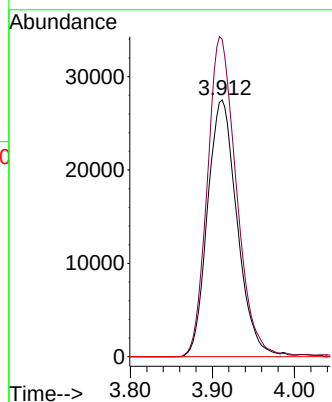
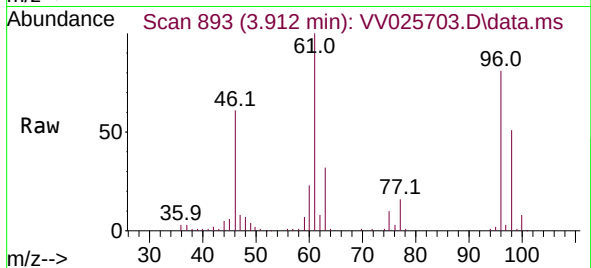
Tgt Ion: 96 Resp: 68922

Ion Ratio Lower Upper

96 100

61 123.7 80.0 148.6

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.168 ug/L

RT: 4.246 min Scan# 997

Delta R.T. 0.000 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

Tgt Ion: 128 Resp: 29094

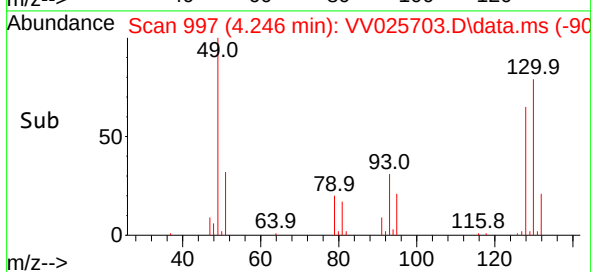
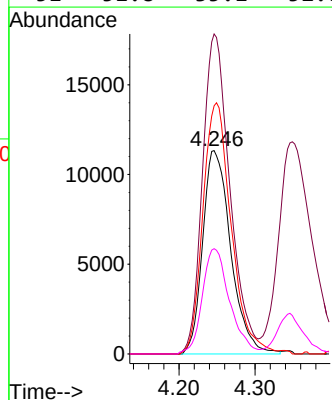
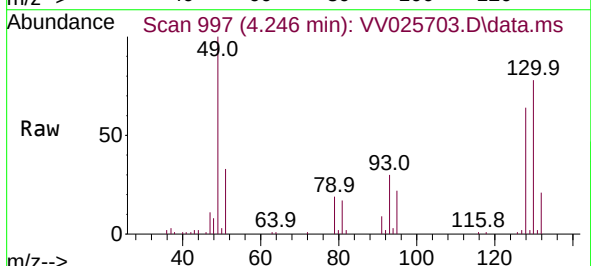
Ion Ratio Lower Upper

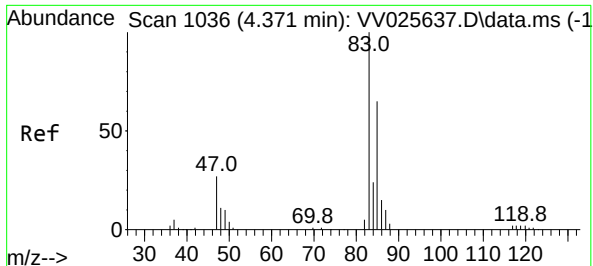
128 100

49 157.4 100.5 186.7

130 122.1 87.8 163.0

51 51.8 35.1 52.7

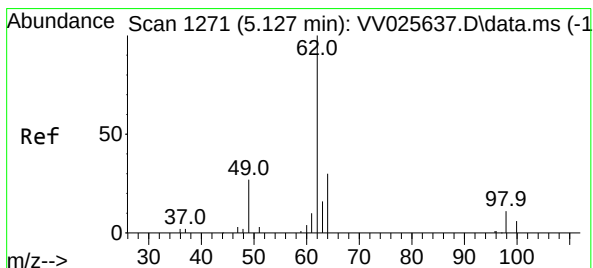
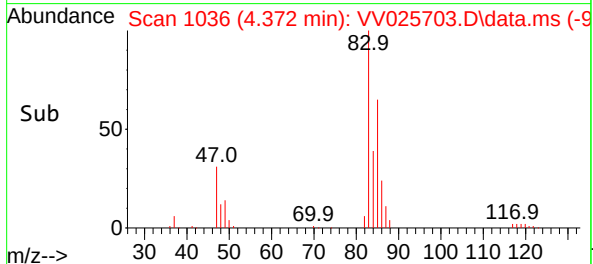
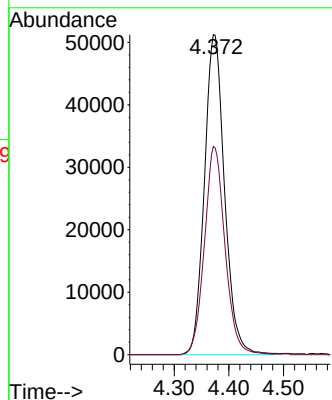
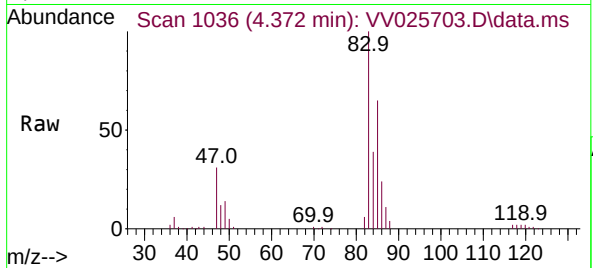




#25
Chloroform
Concen: 5.704 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV025703.D
Acq: 25 Apr 2022 09:27

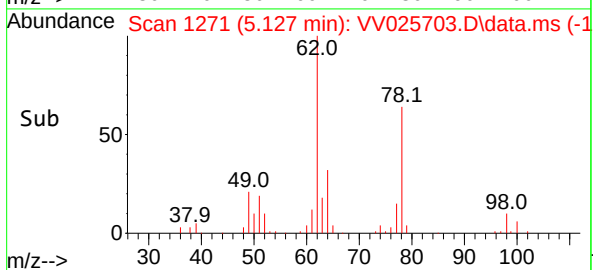
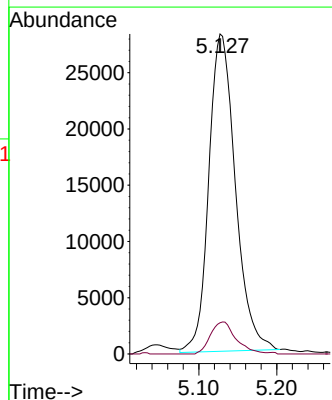
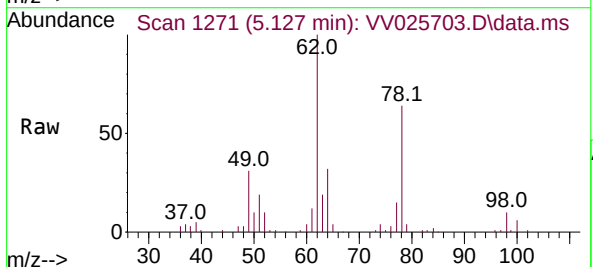
Instrument :
MSVOA_V
ClientSampleId :

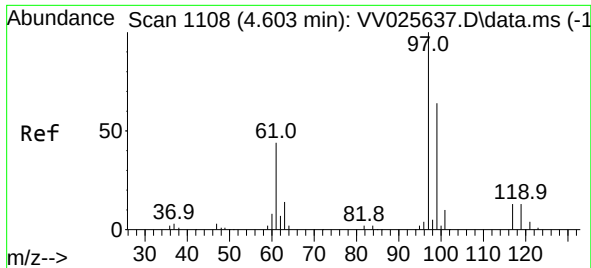
Tgt Ion: 83 Resp: 131330
Ion Ratio Lower Upper
83 100
85 65.0 43.5 80.7



#27
1,2-Dichloroethane
Concen: 5.504 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV025703.D
Acq: 25 Apr 2022 09:27

Tgt Ion: 62 Resp: 66863
Ion Ratio Lower Upper
62 100
98 9.7 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 5.267 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

Instrument :

MSVOA_V

ClientSampleId :

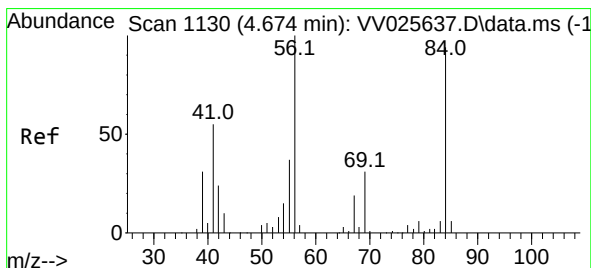
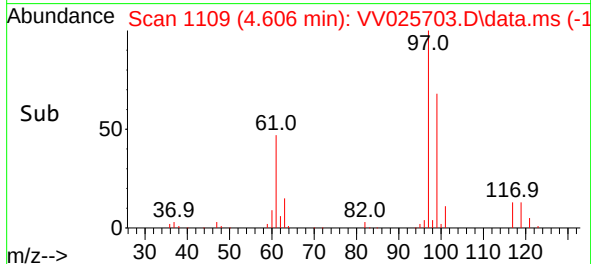
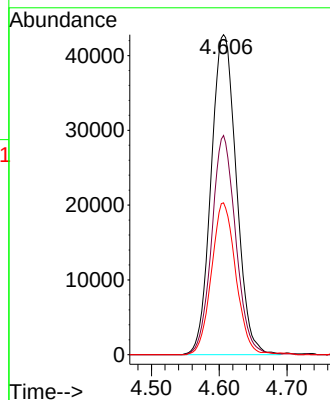
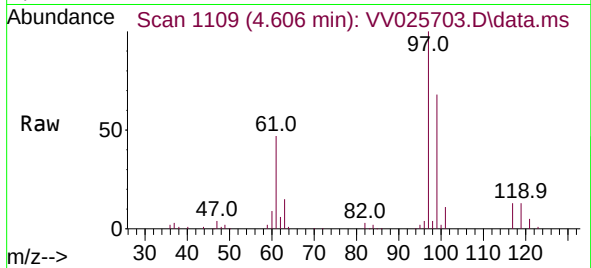
Tgt Ion: 97 Resp: 110809

Ion Ratio Lower Upper

97 100

99 65.3 51.5 77.3

61 45.4 34.3 51.5



#30

Cyclohexane

Concen: 4.307 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

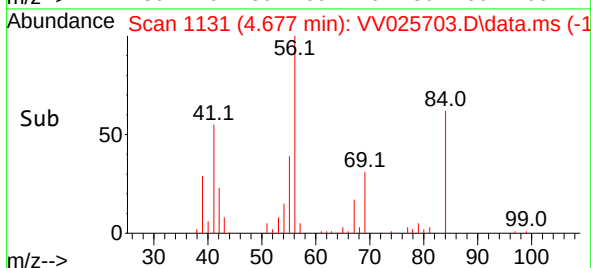
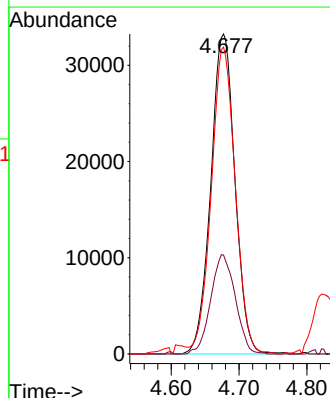
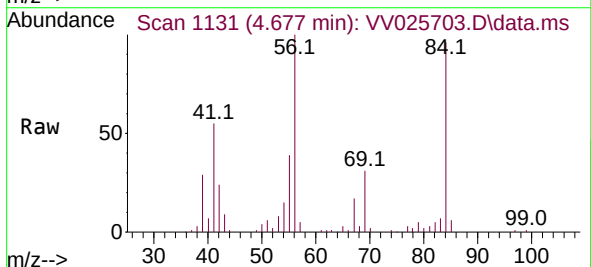
Tgt Ion: 56 Resp: 82394

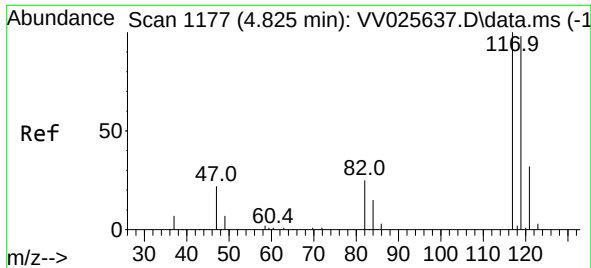
Ion Ratio Lower Upper

56 100

69 31.5 26.1 39.1

84 95.2 78.6 118.0

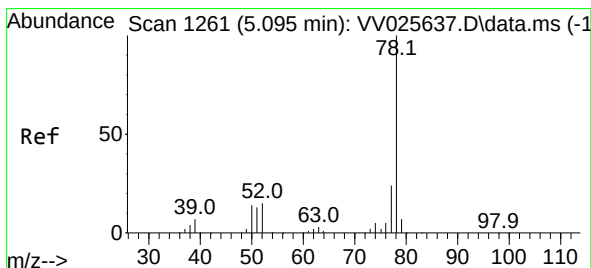
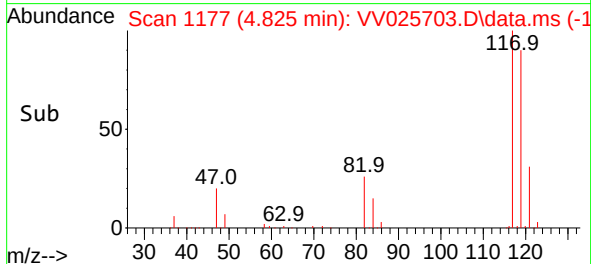
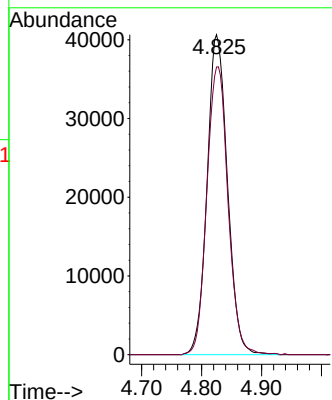
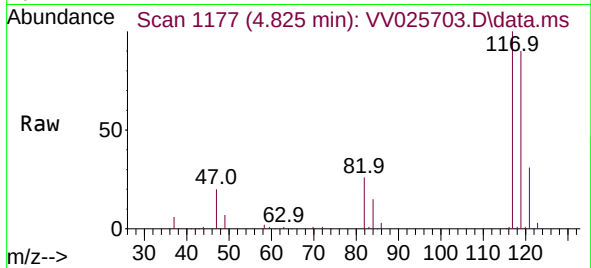




#31
Carbon tetrachloride
Concen: 5.396 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV025703.D
Acq: 25 Apr 2022 09:27

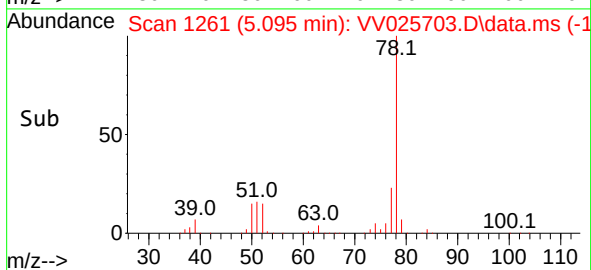
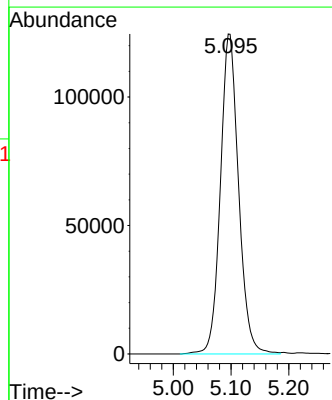
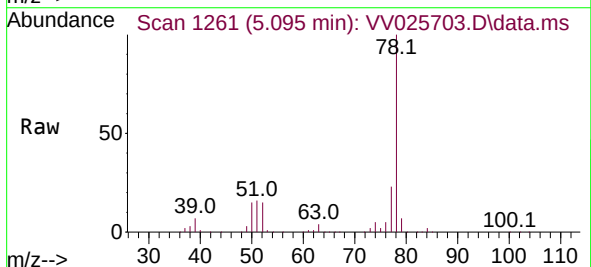
Instrument :
MSVOA_V
ClientSampleId :

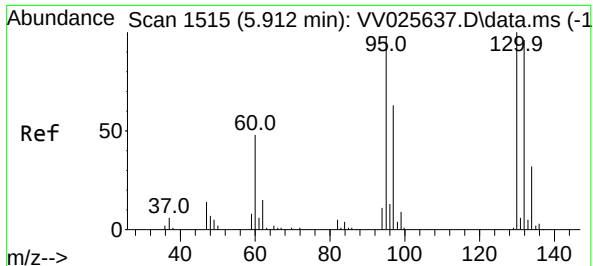
Tgt Ion:117 Resp: 96018
Ion Ratio Lower Upper
117 100
119 93.6 76.6 114.8



#33
Benzene
Concen: 5.170 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV025703.D
Acq: 25 Apr 2022 09:27

Tgt Ion: 78 Resp: 272417





#34

Trichloroethene

Concen: 5.036 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.003 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 70467

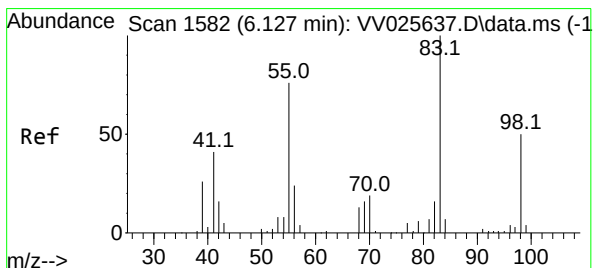
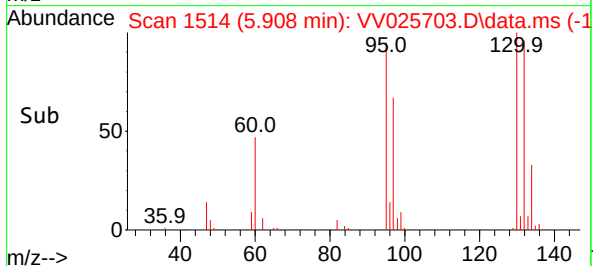
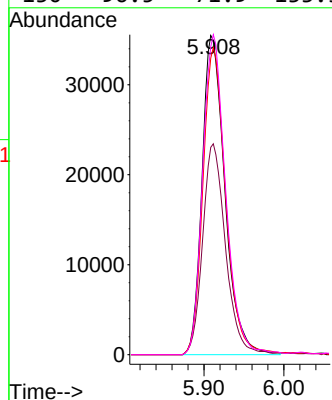
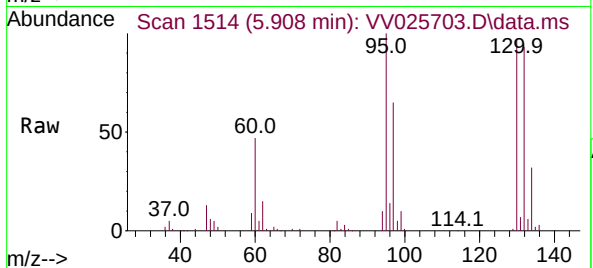
Ion Ratio Lower Upper

95 100

97 65.0 45.8 85.2

132 92.9 68.0 126.4

130 96.5 71.9 133.5



#35

Methylcyclohexane

Concen: 4.243 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

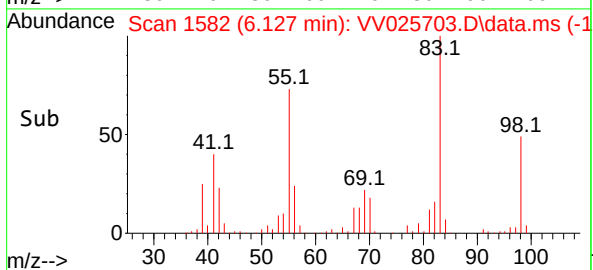
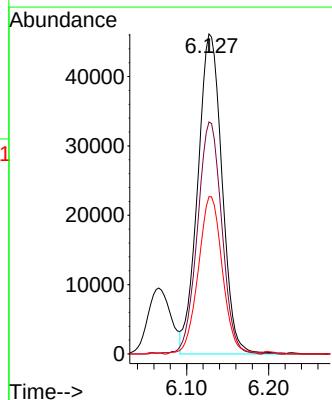
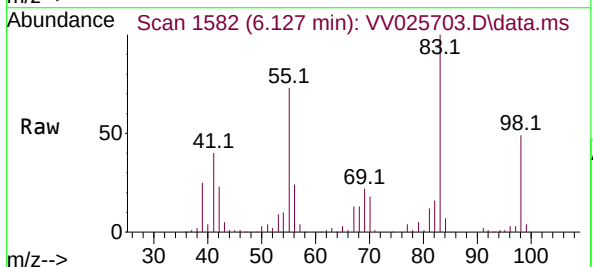
Tgt Ion: 83 Resp: 94732

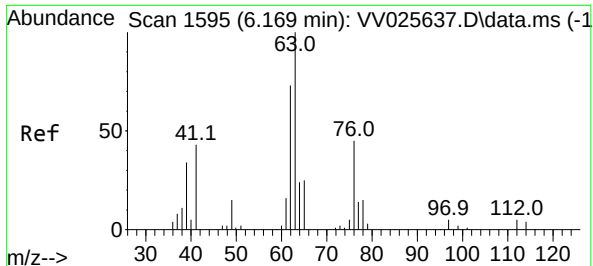
Ion Ratio Lower Upper

83 100

55 72.8 53.7 80.5

98 49.0 39.6 59.4





#37

1,2-Dichloropropane

Concen: 5.428 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

Instrument :

MSVOA_V

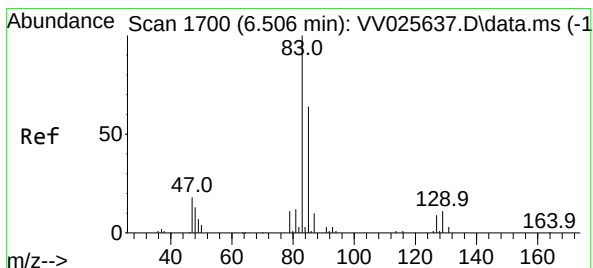
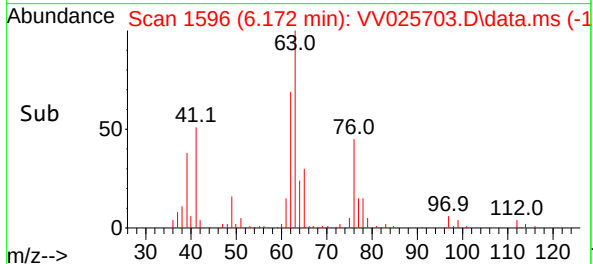
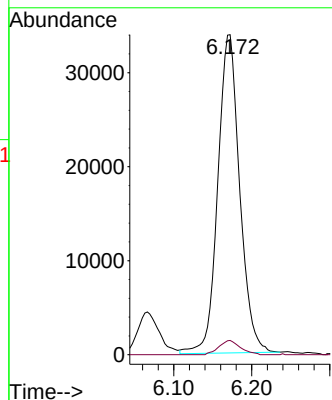
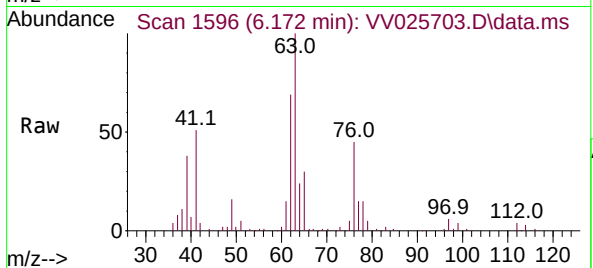
ClientSampleId :

Tgt Ion: 63 Resp: 66169

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.8



#38

Bromodichloromethane

Concen: 5.793 ug/L

RT: 6.507 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

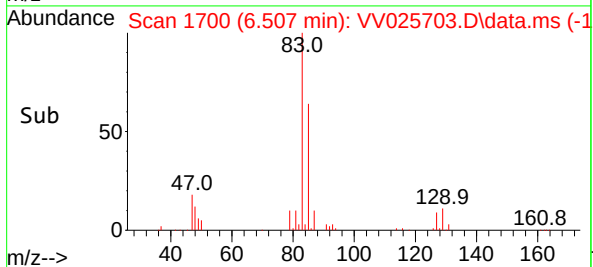
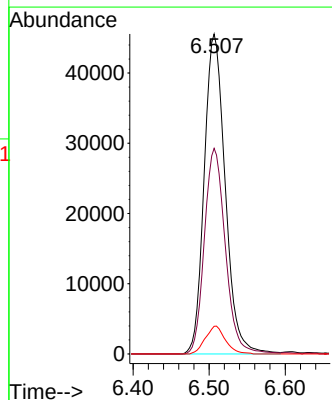
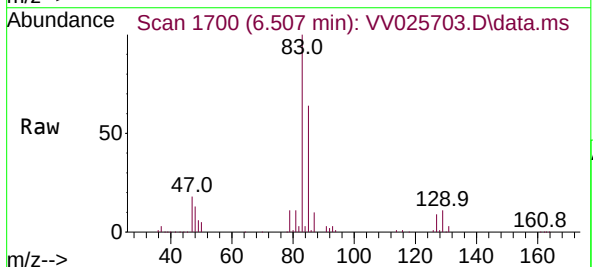
Tgt Ion: 83 Resp: 87671

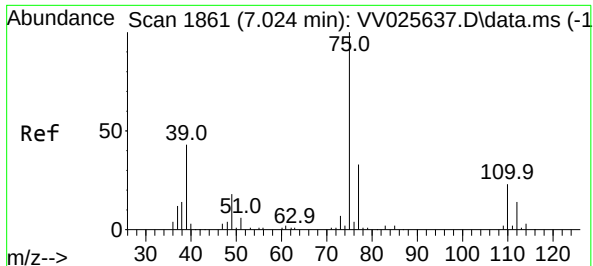
Ion Ratio Lower Upper

83 100

85 64.2 44.4 82.4

127 8.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.283 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

Instrument :

MSVOA_V

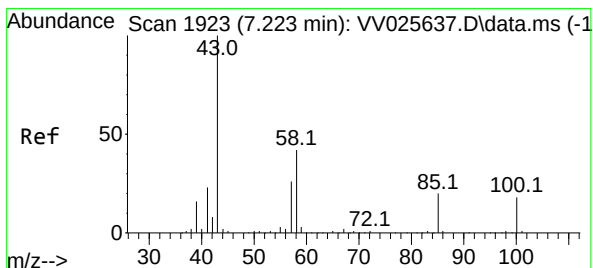
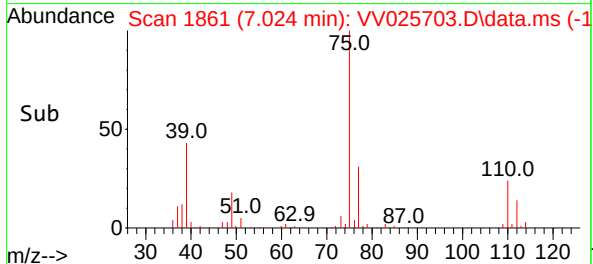
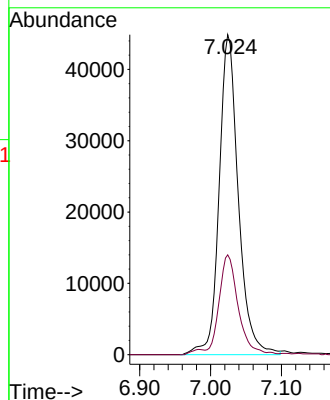
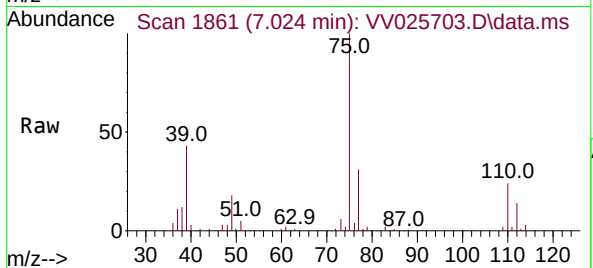
ClientSampleId :

Tgt Ion: 75 Resp: 84413

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 58.492 ug/L

RT: 7.224 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

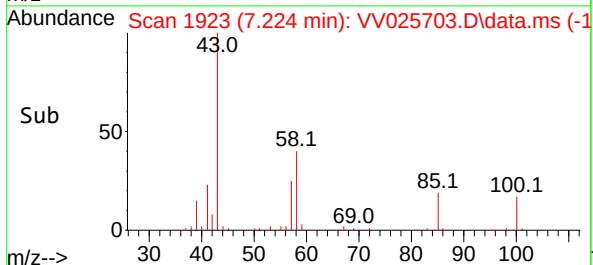
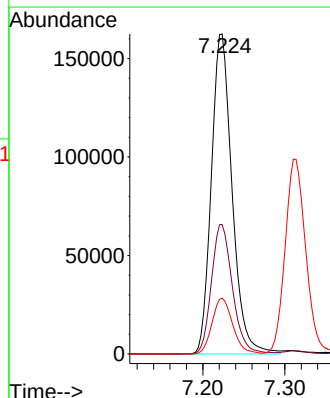
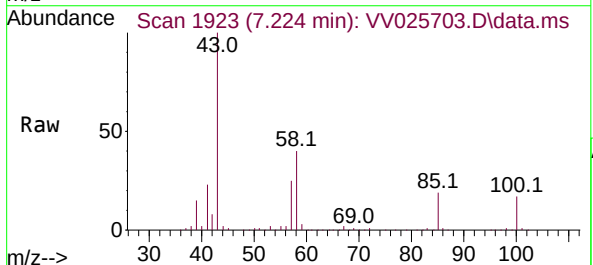
Tgt Ion: 43 Resp: 285519

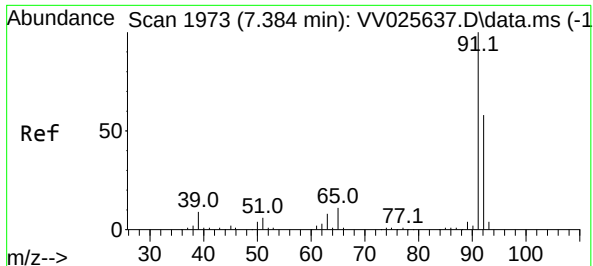
Ion Ratio Lower Upper

43 100

58 41.0 35.1 52.7

100 17.3 15.3 22.9





#42

Toluene

Concen: 5.105 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

Instrument :

MSVOA_V

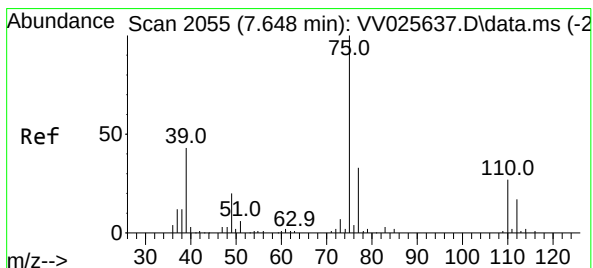
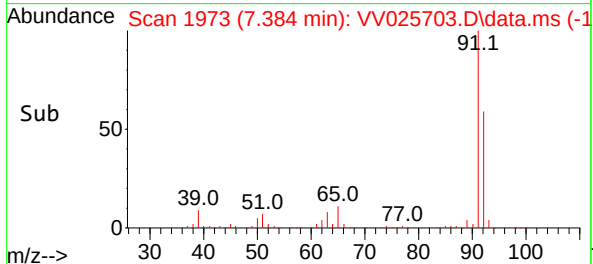
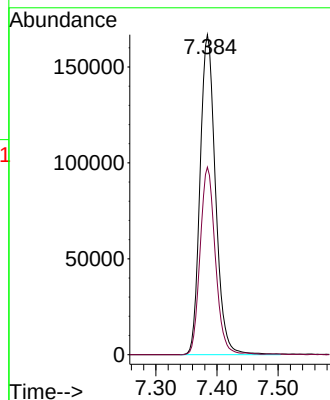
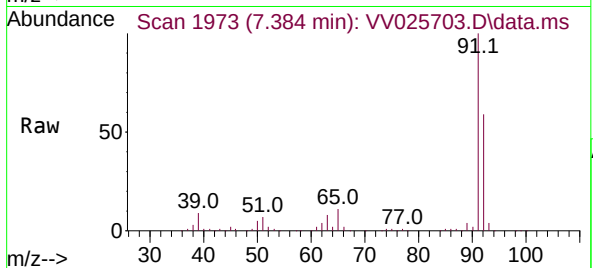
ClientSampleId :

Tgt Ion: 91 Resp: 292614

Ion Ratio Lower Upper

91 100

92 58.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.497 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV025703.D

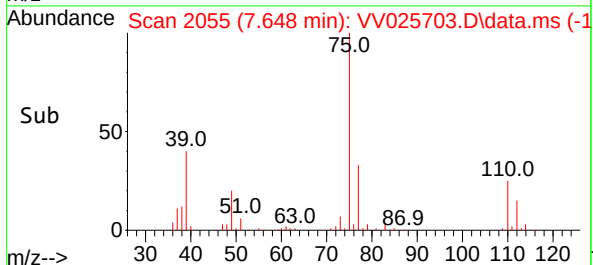
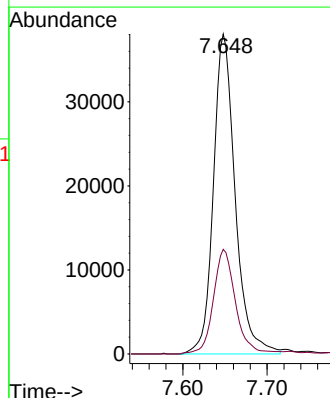
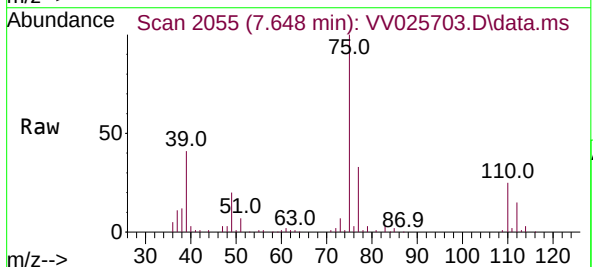
Acq: 25 Apr 2022 09:27

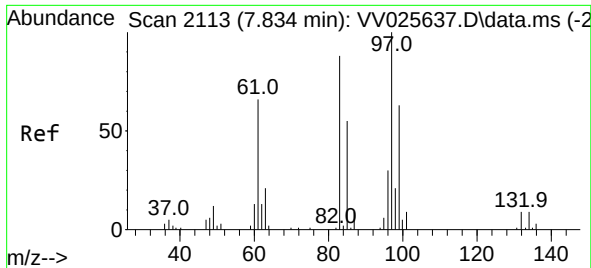
Tgt Ion: 75 Resp: 68233

Ion Ratio Lower Upper

75 100

77 32.7 21.7 40.3

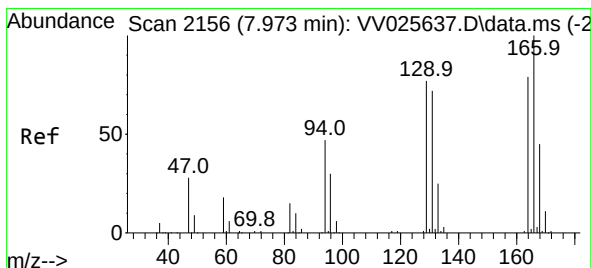
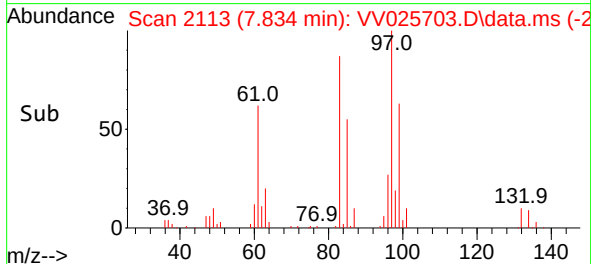
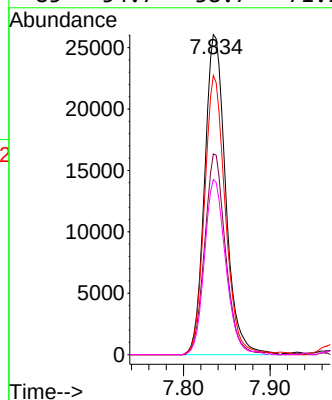
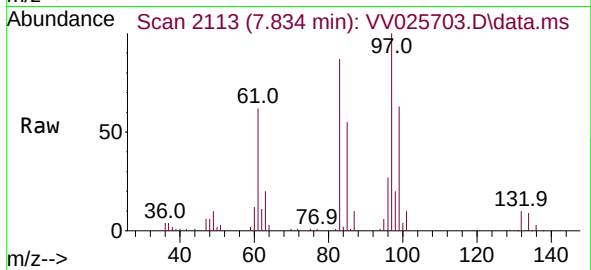




#45
 1,1,2-Trichloroethane
 Concen: 5.396 ug/L
 RT: 7.834 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VV025703.D
 Acq: 25 Apr 2022 09:27

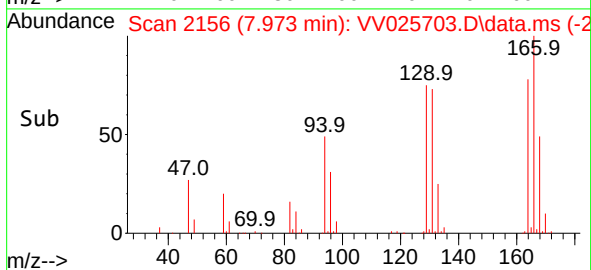
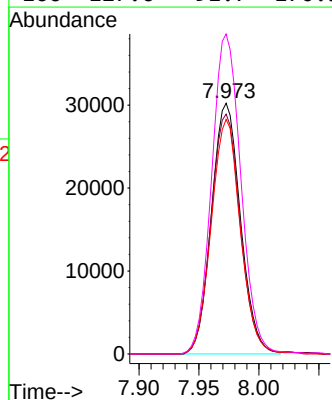
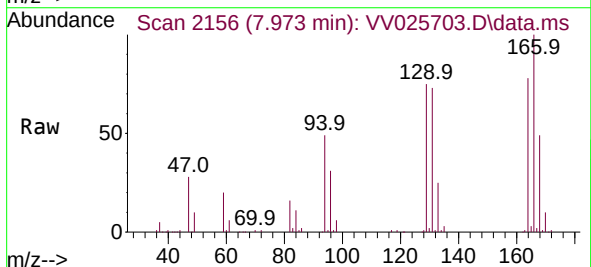
Instrument :
 MSVOA_V
 ClientSampleId :

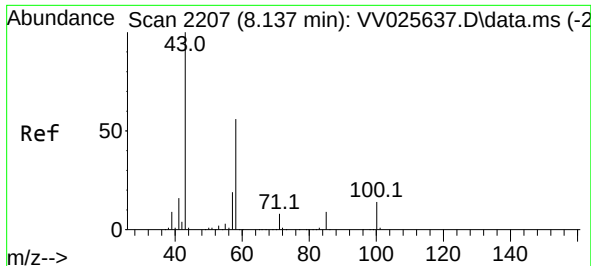
Tgt Ion:	97	Resp:	44050
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.8	81.4
83	87.2	60.3	112.1
85	54.7	38.7	71.9



#47
 Tetrachloroethene
 Concen: 4.640 ug/L
 RT: 7.973 min Scan# 2156
 Delta R.T. 0.000 min
 Lab File: VV025703.D
 Acq: 25 Apr 2022 09:27

Tgt Ion:	164	Resp:	50827
Ion	Ratio	Lower	Upper
164	100		
129	95.6	66.8	124.2
131	93.5	66.4	123.4
166	127.6	91.7	170.3





#48

2-Hexanone

Concen: 60.146 ug/L

RT: 8.137 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 204605

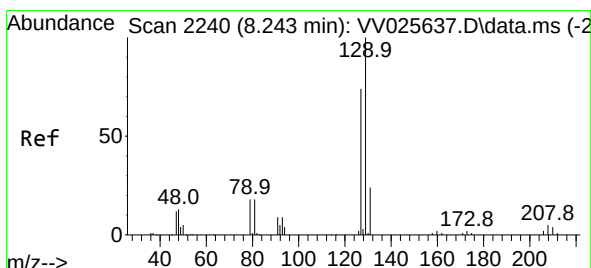
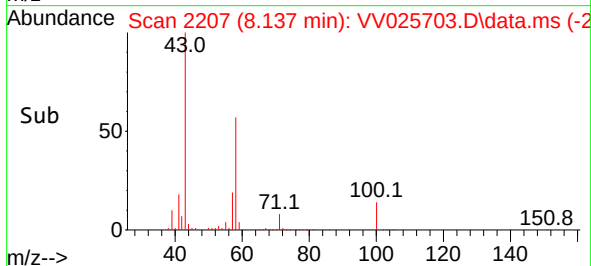
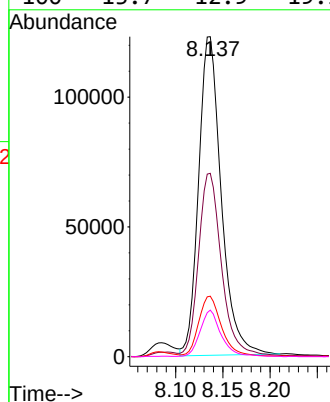
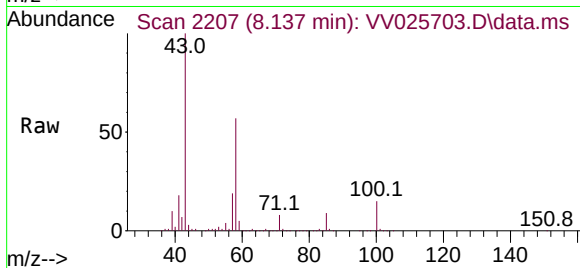
Ion Ratio Lower Upper

43 100

58 58.1 49.7 74.5

57 19.0 16.4 24.6

100 13.7 12.9 19.3



#49

Dibromochloromethane

Concen: 5.638 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VV025703.D

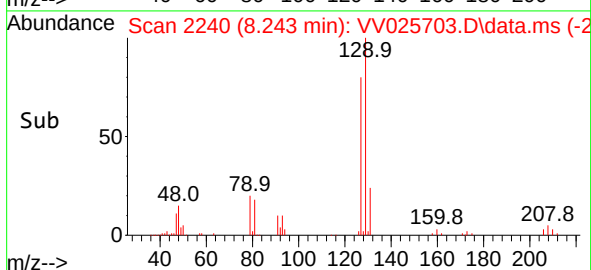
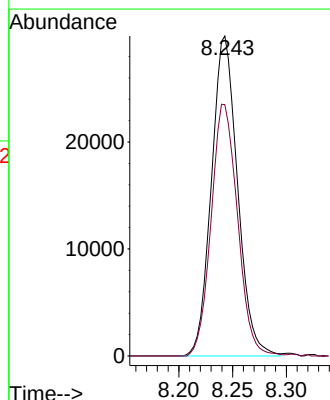
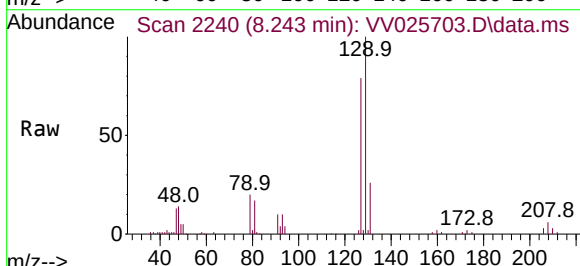
Acq: 25 Apr 2022 09:27

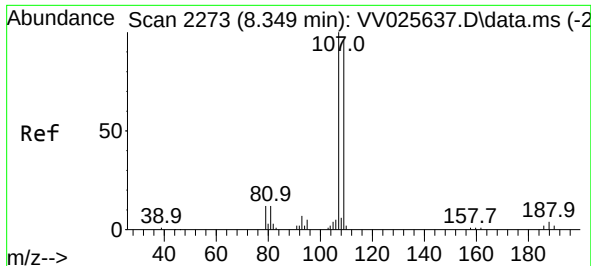
Tgt Ion: 129 Resp: 50532

Ion Ratio Lower Upper

129 100

127 78.6 53.8 100.0

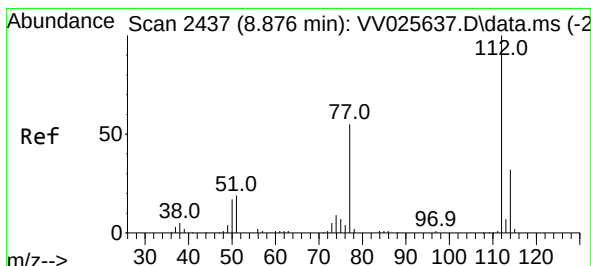
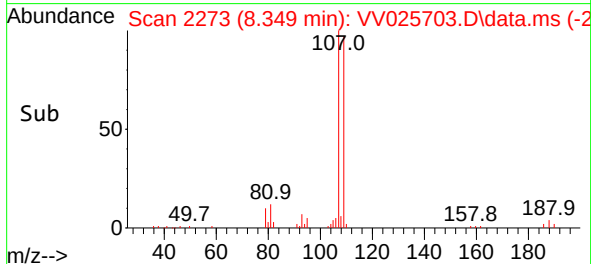
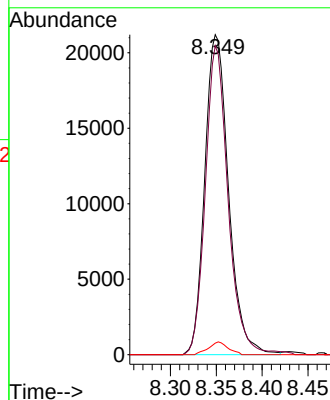
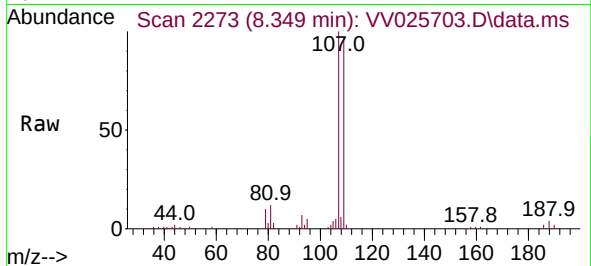




#50
 1,2-Dibromoethane
 Concen: 4.987 ug/L
 RT: 8.349 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV025703.D
 Acq: 25 Apr 2022 09:27

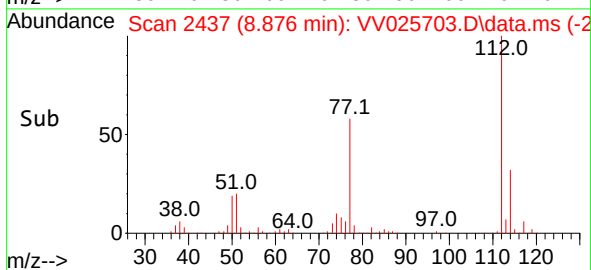
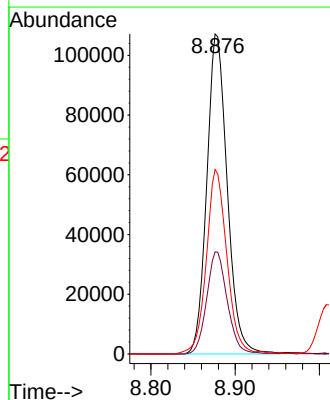
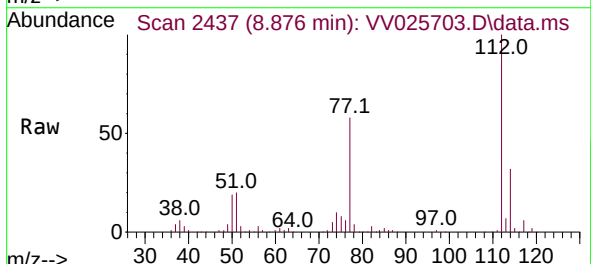
Instrument :
 MSVOA_V
 ClientSampleId :

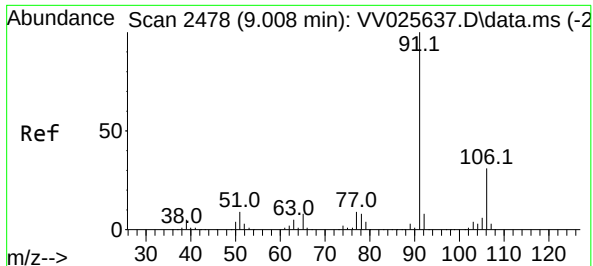
Tgt Ion:	107	Resp:	38241
Ion	Ratio	Lower	Upper
107	100		
109	96.6	65.9	122.3
188	3.6	2.7	4.1



#51
 Chlorobenzene
 Concen: 4.946 ug/L
 RT: 8.876 min Scan# 2437
 Delta R.T. -0.003 min
 Lab File: VV025703.D
 Acq: 25 Apr 2022 09:27

Tgt Ion:	112	Resp:	181029
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.4	41.6
77	57.7	43.7	65.5





#52

Ethylbenzene

Concen: 4.849 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. 0.000 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

Instrument :

MSVOA_V

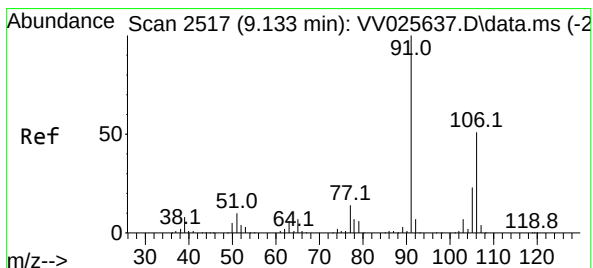
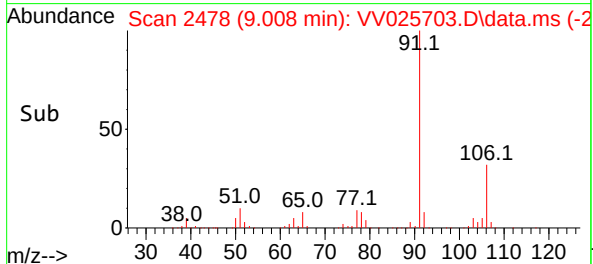
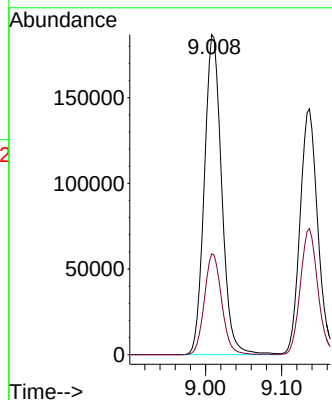
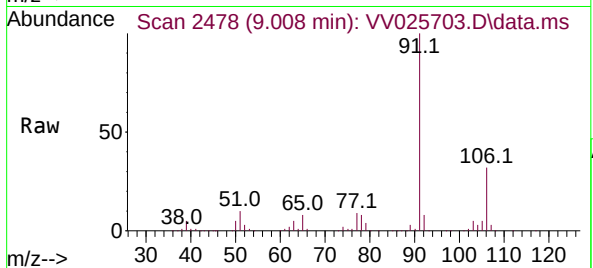
ClientSampleId :

Tgt Ion: 91 Resp: 296422

Ion Ratio Lower Upper

91 100

106 31.5 22.3 41.3



#53

m,p-Xylene

Concen: 5.047 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV025703.D

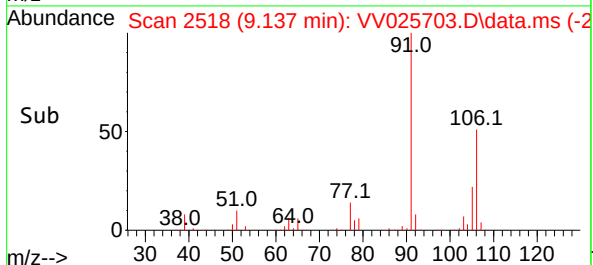
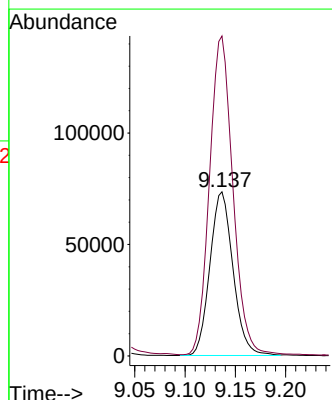
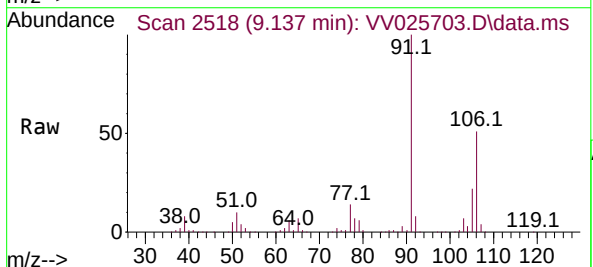
Acq: 25 Apr 2022 09:27

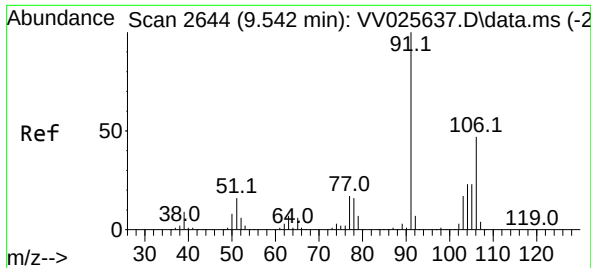
Tgt Ion: 106 Resp: 117322

Ion Ratio Lower Upper

106 100

91 195.0 136.4 253.4

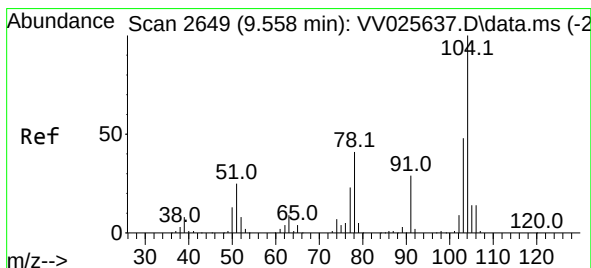
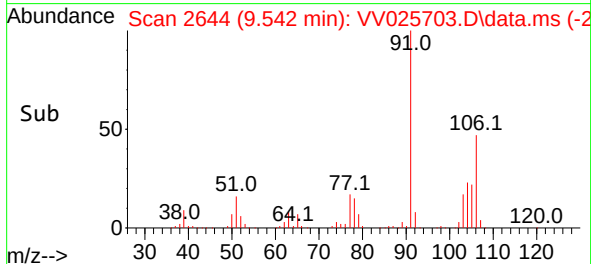
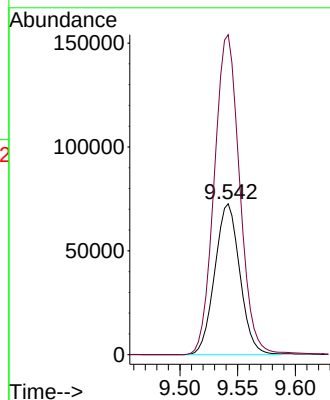
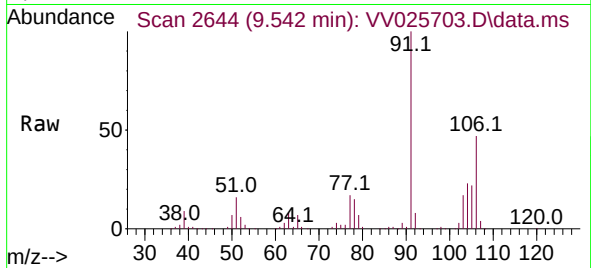




#54
o-Xylene
Concen: 4.857 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025703.D
Acq: 25 Apr 2022 09:27

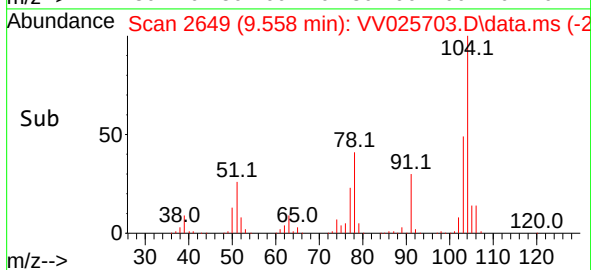
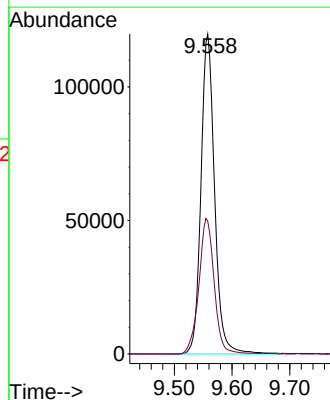
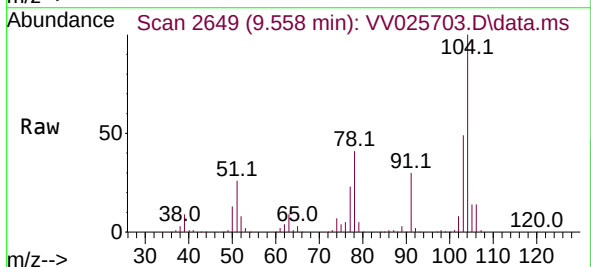
Instrument :
MSVOA_V
ClientSampleId :

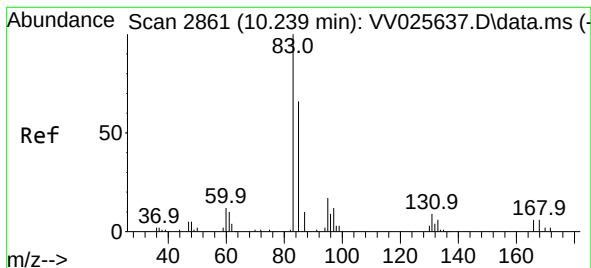
Tgt Ion:106 Resp: 109668
Ion Ratio Lower Upper
106 100
91 212.1 150.4 279.2



#55
Styrene
Concen: 5.349 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025703.D
Acq: 25 Apr 2022 09:27

Tgt Ion:104 Resp: 196388
Ion Ratio Lower Upper
104 100
78 41.5 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.027 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

Instrument :

MSVOA_V

ClientSampleId :

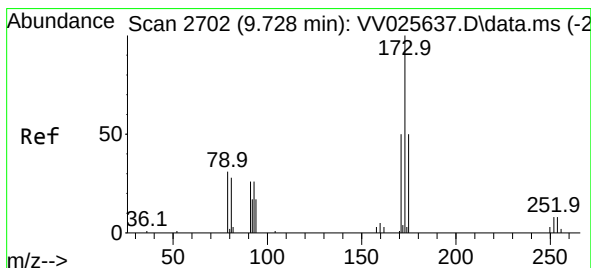
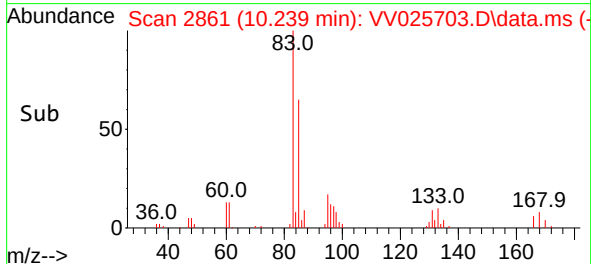
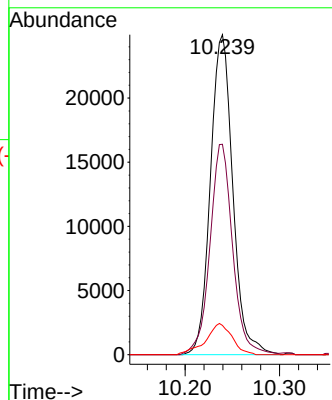
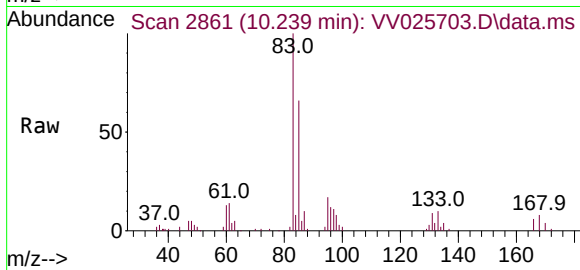
Tgt Ion: 83 Resp: 41006

Ion Ratio Lower Upper

83 100

85 65.7 45.1 83.9

131 9.1 7.9 11.9



#59

Bromoform

Concen: 5.916 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.000 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

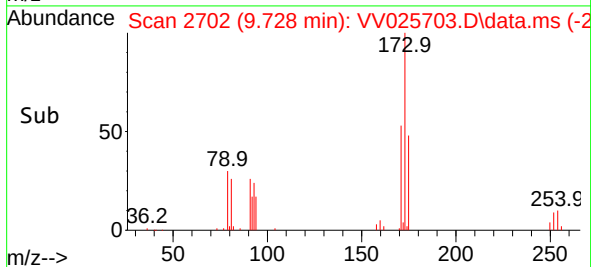
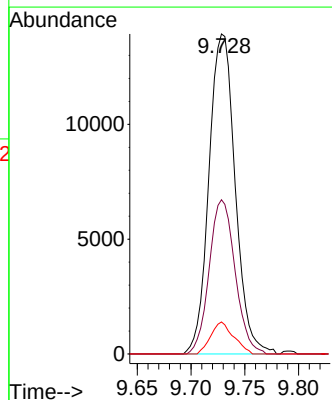
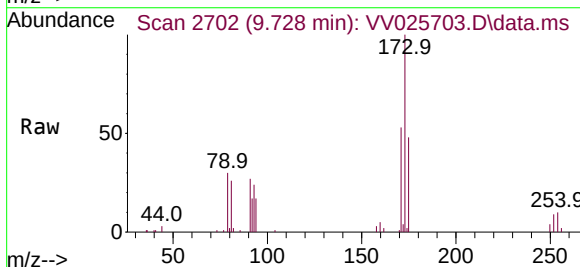
Tgt Ion: 173 Resp: 23668

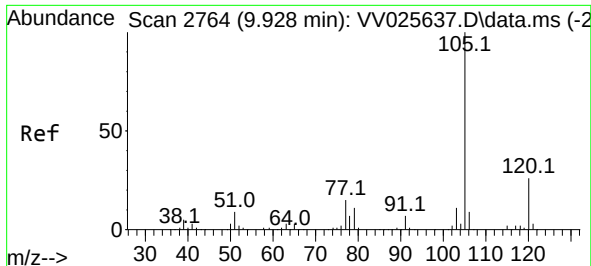
Ion Ratio Lower Upper

173 100

175 47.5 40.8 61.2

254 8.7 7.0 10.6

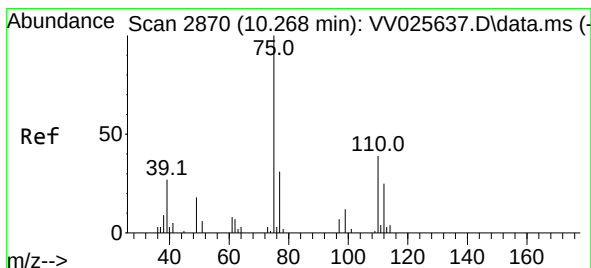
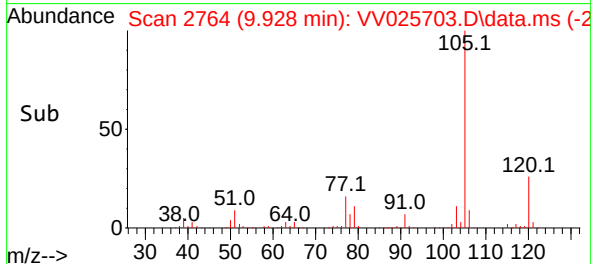
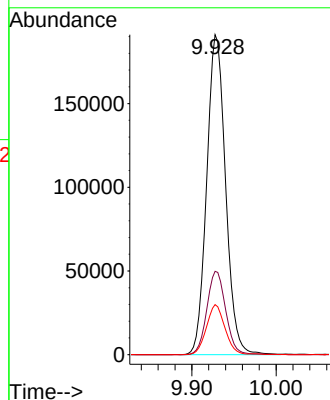
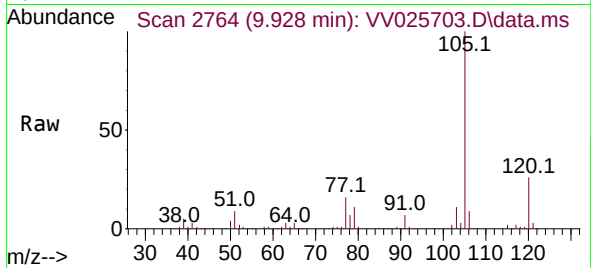




#60
Isopropylbenzene
Concen: 4.978 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025703.D
Acq: 25 Apr 2022 09:27

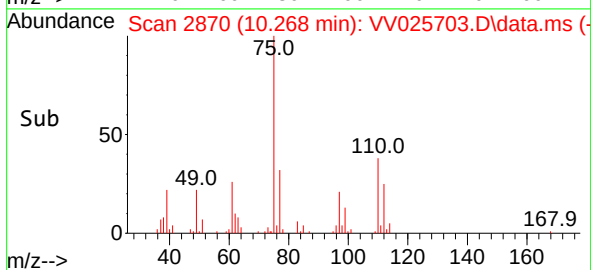
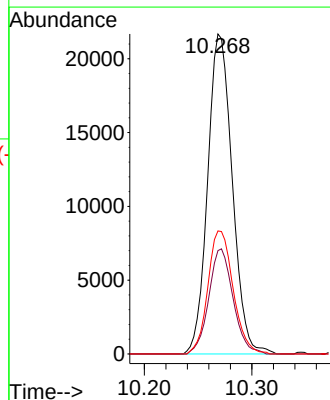
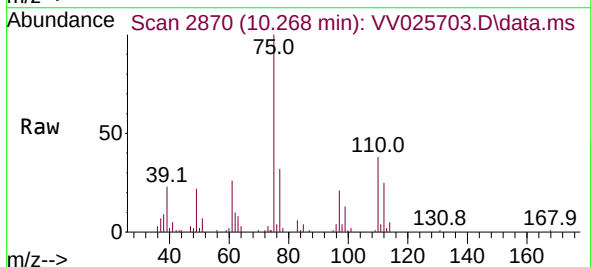
Instrument :
MSVOA_V
ClientSampleId :

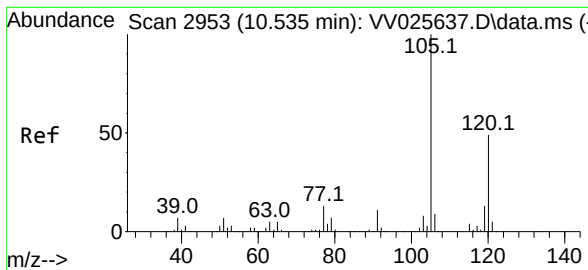
Tgt Ion:105 Resp: 298616
Ion Ratio Lower Upper
105 100
120 26.1 21.2 31.8
77 15.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.398 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV025703.D
Acq: 25 Apr 2022 09:27

Tgt Ion: 75 Resp: 34457
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4
110 39.5 34.7 52.1

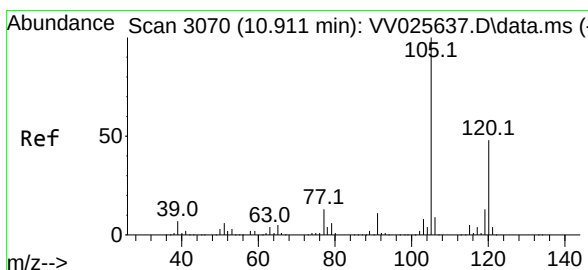
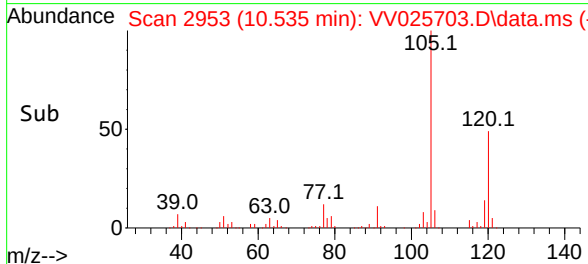
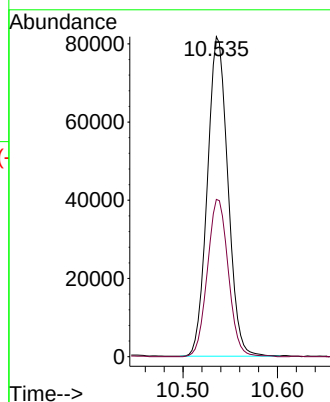
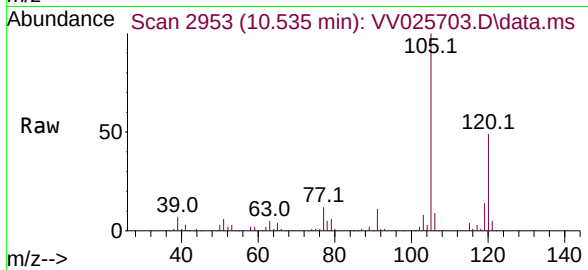




#62
 1,3,5-Trimethylbenzene
 Concen: 4.614 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. 0.000 min
 Lab File: VV025703.D
 Acq: 25 Apr 2022 09:27

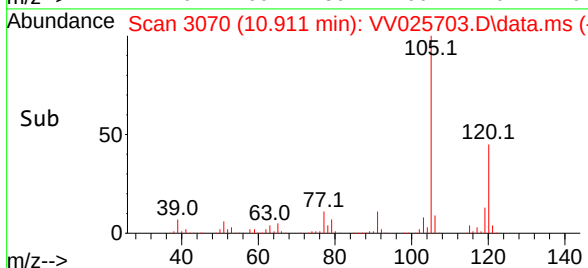
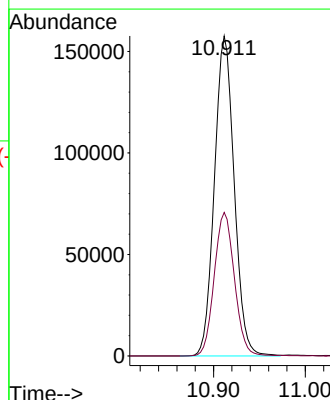
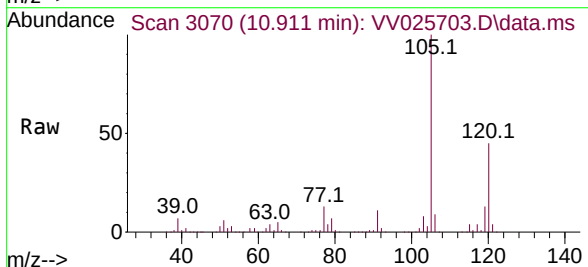
Instrument :
 MSVOA_V
 ClientSampleId :

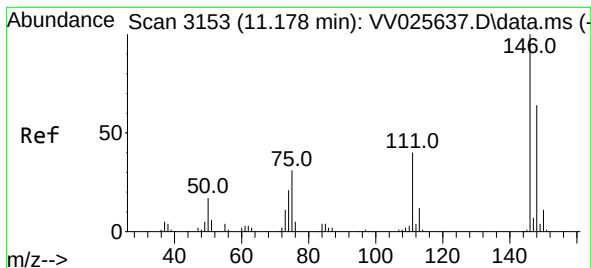
Tgt Ion:105 Resp: 123420
 Ion Ratio Lower Upper
 105 100
 120 50.2 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.897 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV025703.D
 Acq: 25 Apr 2022 09:27

Tgt Ion:105 Resp: 236029
 Ion Ratio Lower Upper
 105 100
 120 45.9 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 4.969 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.000 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

Instrument :

MSVOA_V

ClientSampleId :

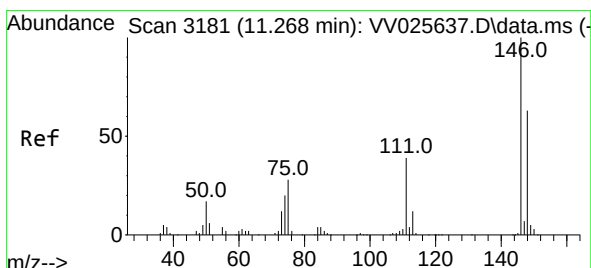
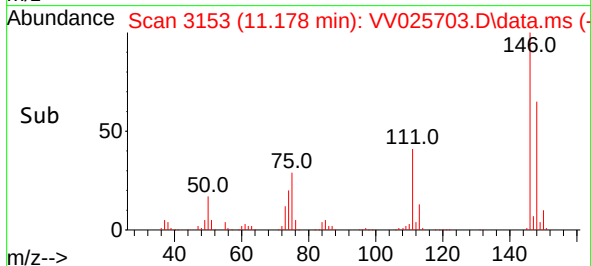
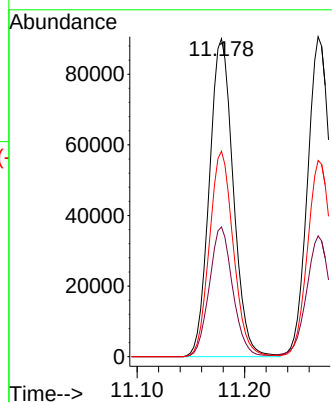
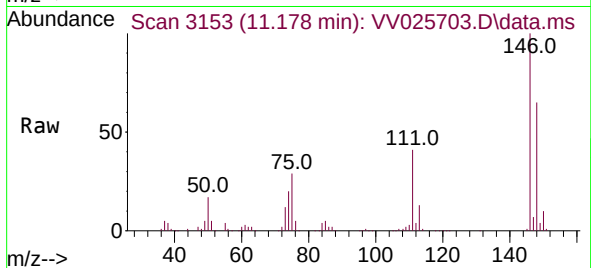
Tgt Ion:146 Resp: 139138

Ion Ratio Lower Upper

146 100

111 40.8 27.4 50.8

148 64.6 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 4.936 ug/L

RT: 11.268 min Scan# 3181

Delta R.T. -0.003 min

Lab File: VV025703.D

Acq: 25 Apr 2022 09:27

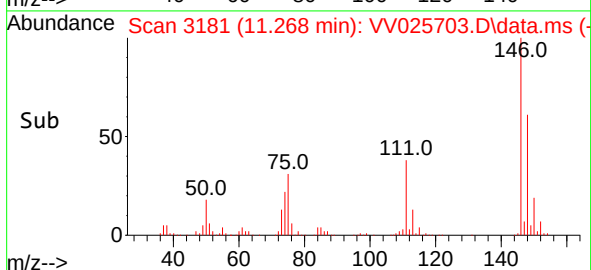
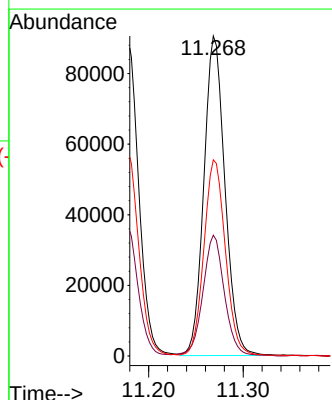
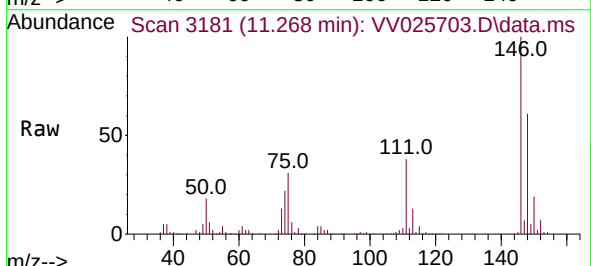
Tgt Ion:146 Resp: 140308

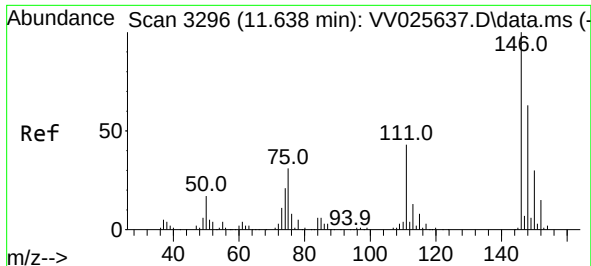
Ion Ratio Lower Upper

146 100

111 37.8 26.7 49.7

148 61.3 42.8 79.6

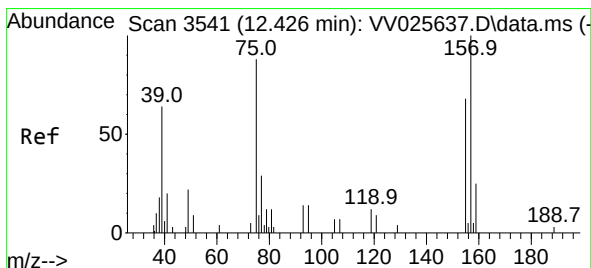
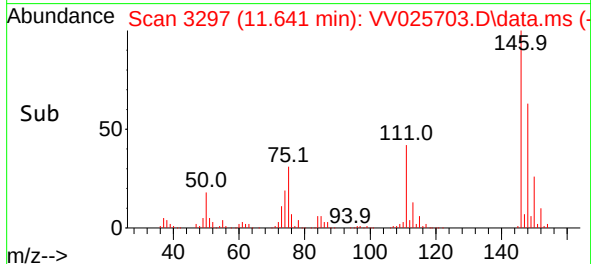
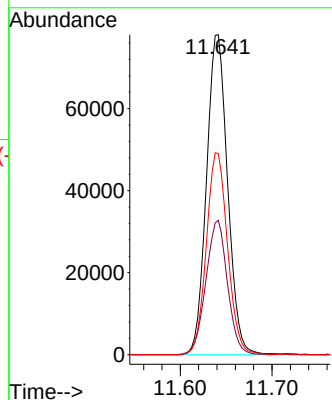
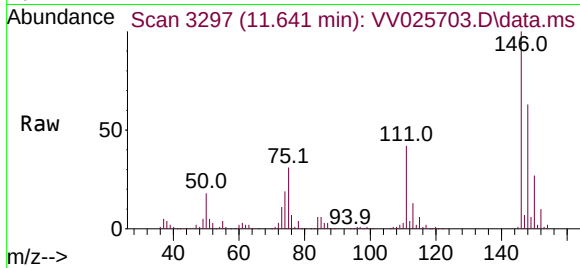




#67
1,2-Dichlorobenzene
Concen: 5.029 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV025703.D
Acq: 25 Apr 2022 09:27

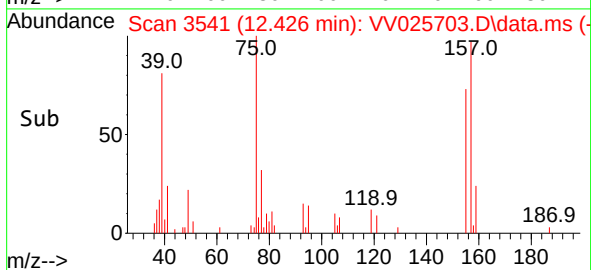
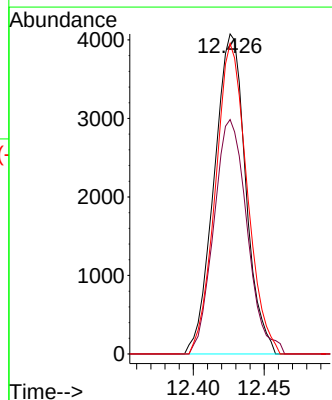
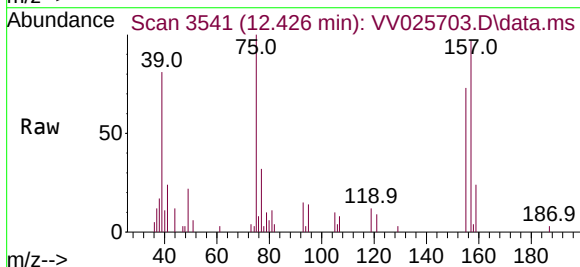
Instrument :
MSVOA_V
ClientSampleId :

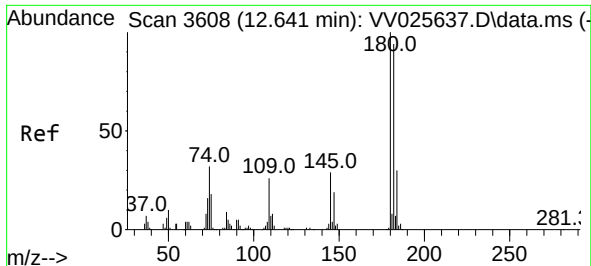
Tgt Ion:146 Resp: 124704
Ion Ratio Lower Upper
146 100
111 42.0 33.6 50.4
148 62.9 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.733 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV025703.D
Acq: 25 Apr 2022 09:27

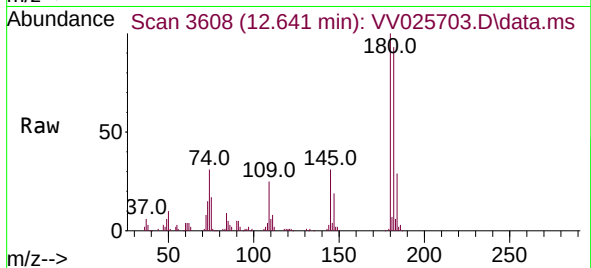
Tgt Ion: 75 Resp: 6327
Ion Ratio Lower Upper
75 100
155 73.3 65.8 98.8
157 97.0 86.6 130.0



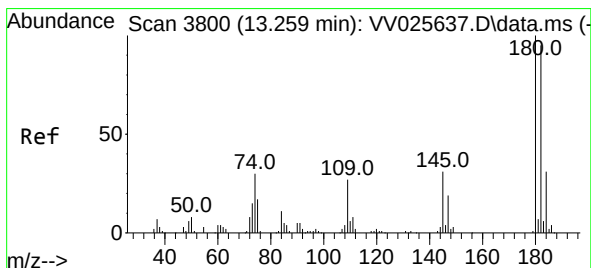
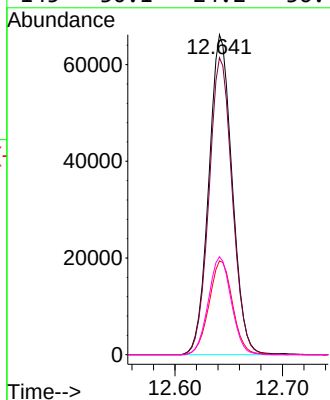
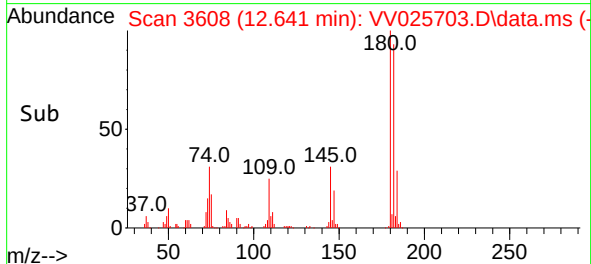


#69
 1,3,5-Trichlorobenzene
 Concen: 4.676 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV025703.D
 Acq: 25 Apr 2022 09:27

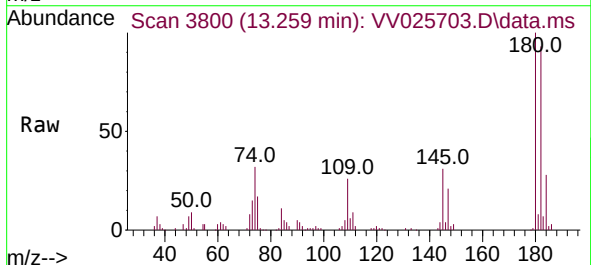
Instrument :
 MSVOA_V
 ClientSampleId :



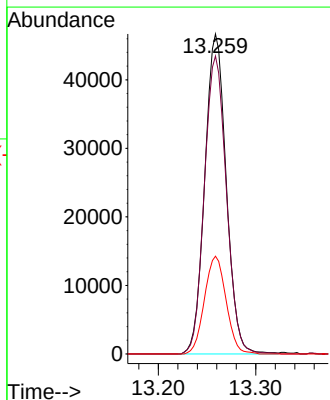
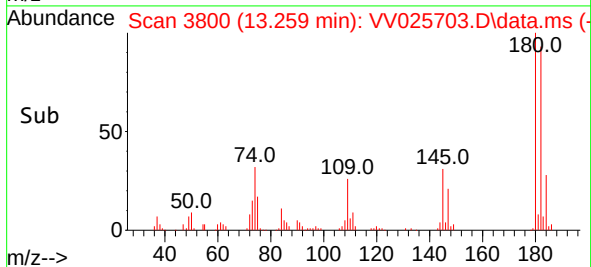
Tgt Ion:180 Resp: 99615
 Ion Ratio Lower Upper
 180 100
 182 93.0 75.3 112.9
 184 29.6 23.4 35.2
 145 30.1 24.2 36.4

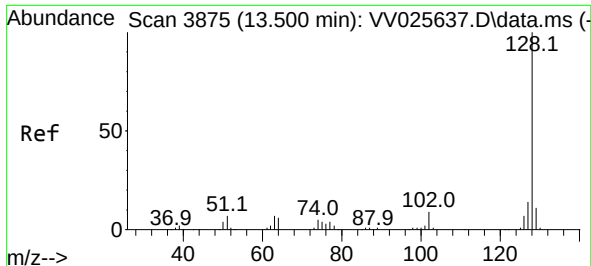


#70
 1,2,4-trichlorobenzene
 Concen: 4.346 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025703.D
 Acq: 25 Apr 2022 09:27



Tgt Ion:180 Resp: 71376
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.6 114.8
 145 30.8 24.6 36.8



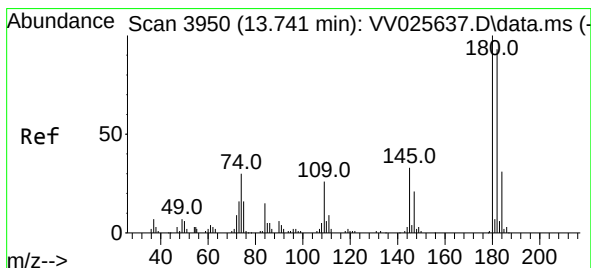
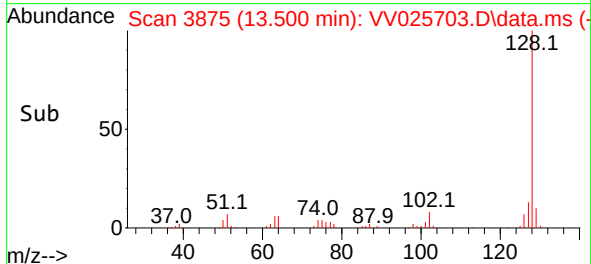
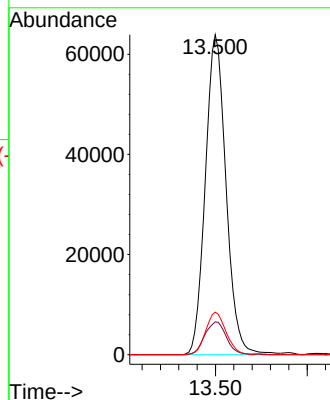
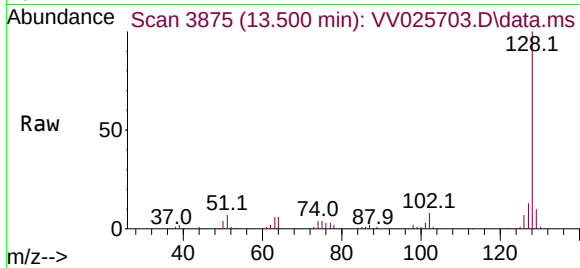


#71
Naphthalene

Concen: 4.159 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025703.D
Acq: 25 Apr 2022 09:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 100213
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.507 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025703.D
Acq: 25 Apr 2022 09:27

Tgt Ion:180 Resp: 61295
Ion Ratio Lower Upper
180 100
182 94.1 77.7 116.5
145 32.6 27.4 41.2

