

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021622\
 Data File : VW024692.D
 Acq On : 16 Feb 2022 10:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 16 23:32:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 03:37:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	132459	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	138450	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	72729	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	43758	3.941	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.571	69	42432	4.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.114	63	105245	4.333	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	3.892	46	100754	54.662	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.320%
24) Chloroform-d	4.346	84	101238	5.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.027	65	44575	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.047	84	188771	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.066	67	57627	4.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.313	98	169725	4.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.619	79	22064	4.472	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.085	63	84440	48.576	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.160%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37711	5.184	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	54844	4.678	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	92917	5.338	ug/L	99
3) Chloromethane	1.243	50	86874	5.072	ug/L	97
5) Vinyl chloride	1.314	62	91852	4.980	ug/L	99
6) Bromomethane	1.526	94	57041	5.024	ug/L	99
8) Chloroethane	1.587	64	58961	5.219	ug/L	94
9) Trichlorofluoromethane	1.757	101	132323	5.309	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	74603	5.369	ug/L	88
12) 1,1-Dichloroethene	2.121	96	70202	5.119	ug/L	93
13) Acetone	2.185	43	76210	52.393	ug/L	71
14) Carbon disulfide	2.298	76	207743	4.766	ug/L	99
15) Methyl Acetate	2.439	43	19595	4.711	ug/L	99
16) Methylene chloride	2.507	84	67148	4.942	ug/L	93
17) Methyl tert-butyl Ether	2.767	73	141631	5.011	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	70681	5.246	ug/L	92
19) 1,1-Dichloroethane	3.188	63	127819	5.493	ug/L	97
21) 2-Butanone	3.976	43	130154	53.990	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	73969	5.446	ug/L	93
23) Bromochloromethane	4.246	128	28691	5.562	ug/L	87
25) Chloroform	4.371	83	131216	5.388	ug/L	100

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Feb 16 23:32:33 2022
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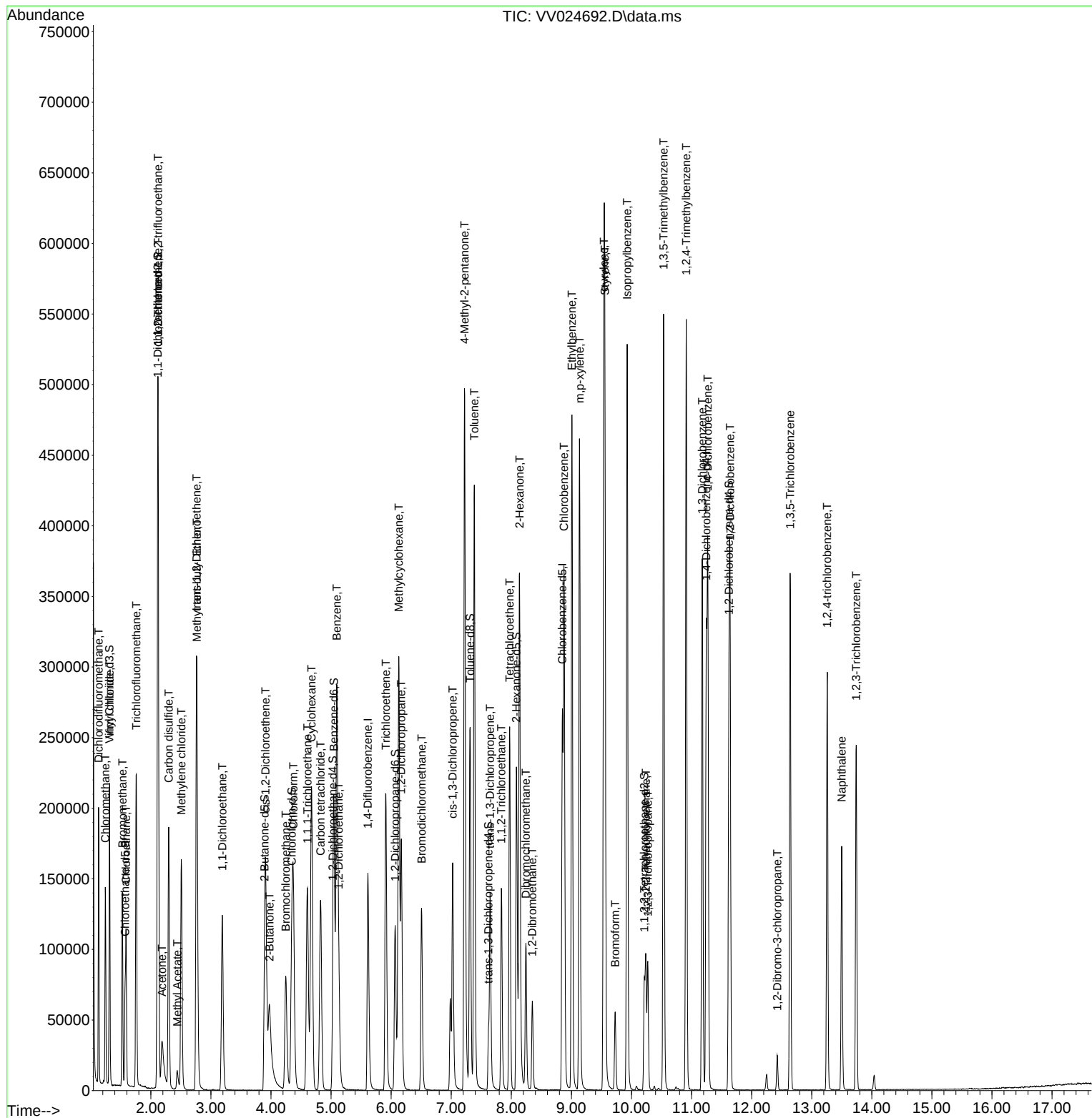
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	70926	5.311	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	117767	5.185	ug/L	97
30) Cyclohexane	4.674	56	120991	5.171	ug/L	97
31) Carbon tetrachloride	4.825	117	101588	5.281	ug/L	98
33) Benzene	5.095	78	287852	5.327	ug/L	100
34) Trichloroethene	5.912	95	77789	5.228	ug/L	90
35) Methylcyclohexane	6.127	83	131326	5.335	ug/L	98
37) 1,2-Dichloropropane	6.169	63	69408	5.300	ug/L #	97
38) Bromodichloromethane	6.506	83	88865	5.105	ug/L #	98
39) cis-1,3-Dichloropropene	7.024	75	99096	4.965	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	335965	49.708	ug/L	99
42) Toluene	7.384	91	313794	5.331	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	80806	4.902	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	44862	5.286	ug/L	98
47) Tetrachloroethene	7.973	164	53612	5.431	ug/L	94
48) 2-Hexanone	8.137	43	237317	51.295	ug/L	98
49) Dibromochloromethane	8.243	129	52032	5.077	ug/L	99
50) 1,2-Dibromoethane	8.349	107	41372	5.194	ug/L #	95
51) Chlorobenzene	8.879	112	194144	5.382	ug/L	94
52) Ethylbenzene	9.008	91	341287	5.211	ug/L	98
53) m,p-xylene	9.137	106	130484	5.260	ug/L	96
54) o-xylene	9.542	106	126259	5.278	ug/L	92
55) Styrene	9.558	104	209345	5.331	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	46221	5.376	ug/L	99
59) Bromoform	9.728	173	23105	4.972	ug/L #	97
60) Isopropylbenzene	9.927	105	340791	5.166	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	36604	5.105	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	293038	5.188	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	291947	5.199	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	143080	5.329	ug/L	96
65) 1,4-Dichlorobenzene	11.268	146	142187	5.332	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	127009	5.328	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6651	4.776	ug/L #	75
69) 1,3,5-Trichlorobenzene	12.641	180	102851	5.384	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	79738	5.169	ug/L	96
71) Naphthalene	13.500	128	130335	4.665	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	66968	5.162	ug/L	98

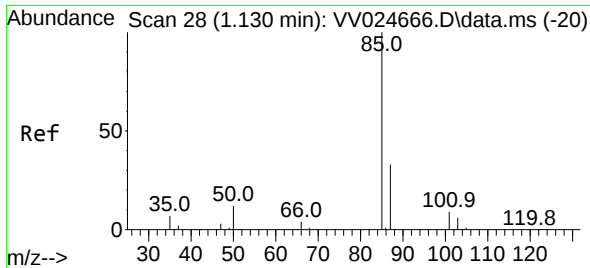
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Instrument :
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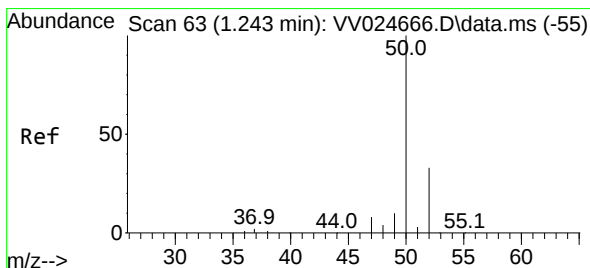
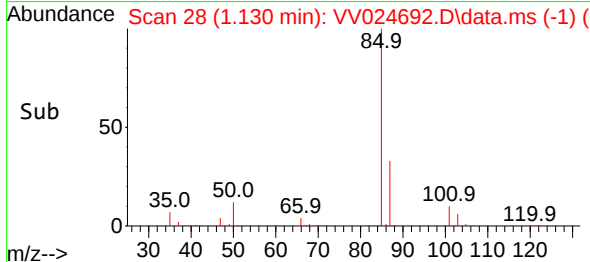
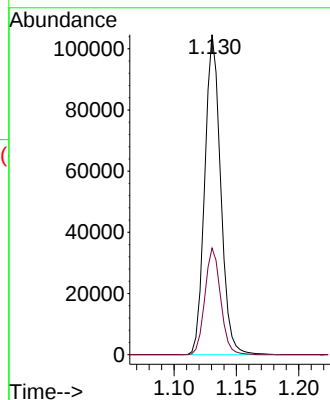
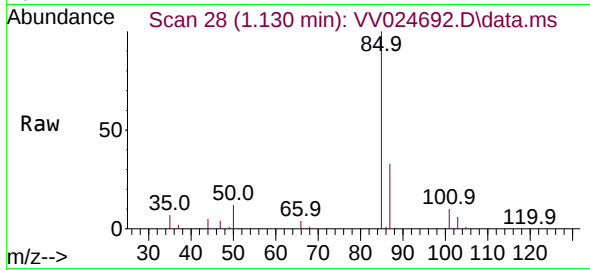




#2
 Dichlorodifluoromethane
 Concen: 5.338 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024692.D
 Acq: 16 Feb 2022 10:53

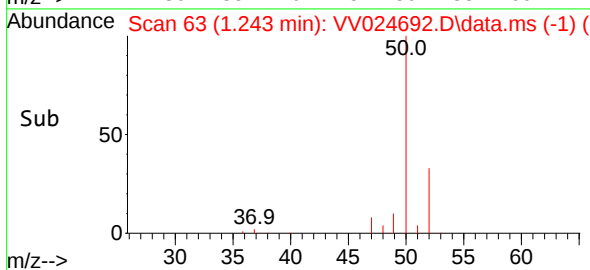
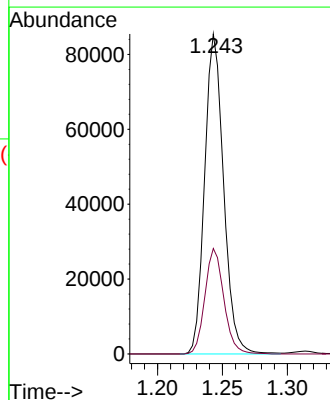
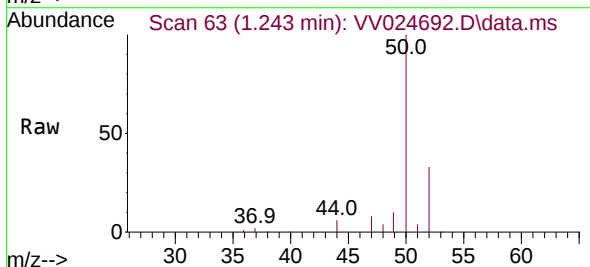
Instrument :
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 ClientSampleId :

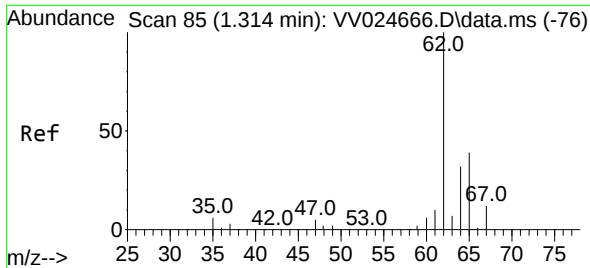
Tgt Ion: 85 Resp: 92917
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.0 39.0



#3
 Chloromethane
 Concen: 5.072 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024692.D
 Acq: 16 Feb 2022 10:53

Tgt Ion: 50 Resp: 86874
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.0 41.0

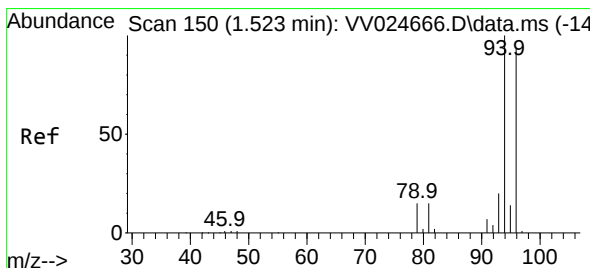
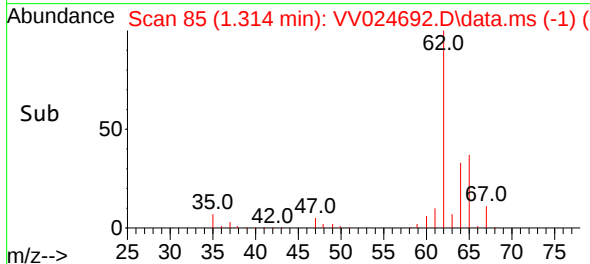
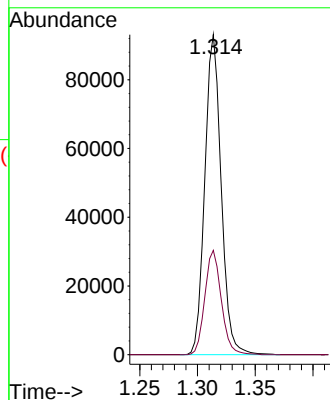
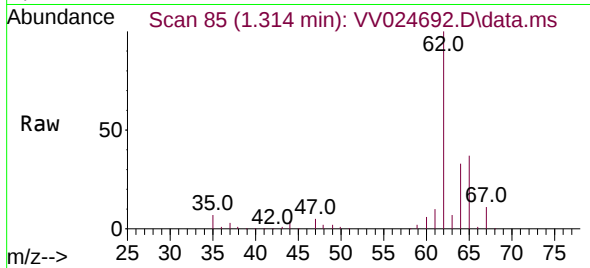




#5
 Vinyl chloride
 Concen: 4.980 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV024692.D
 Acq: 16 Feb 2022 10:53

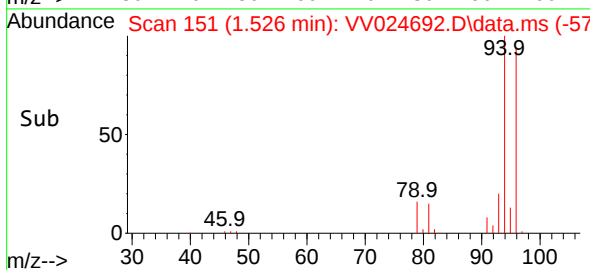
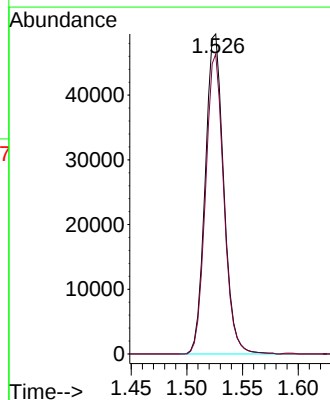
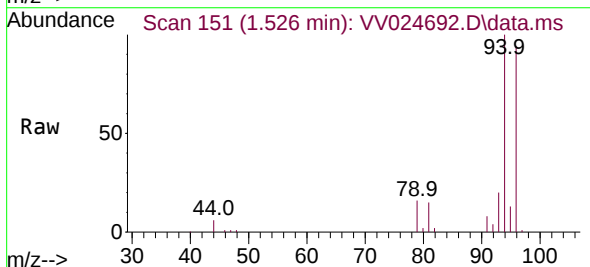
Instrument :
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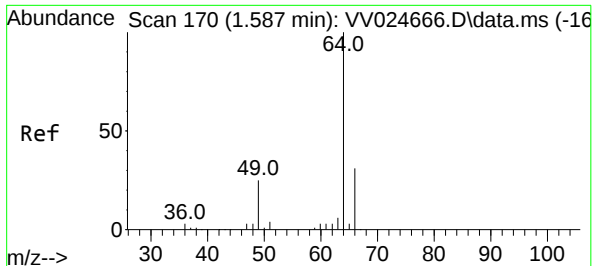
Tgt Ion: 62 Resp: 91852
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.4 41.6



#6
 Bromomethane
 Concen: 5.024 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV024692.D
 Acq: 16 Feb 2022 10:53

Tgt Ion: 94 Resp: 57041
 Ion Ratio Lower Upper
 94 100
 96 93.7 66.2 123.0

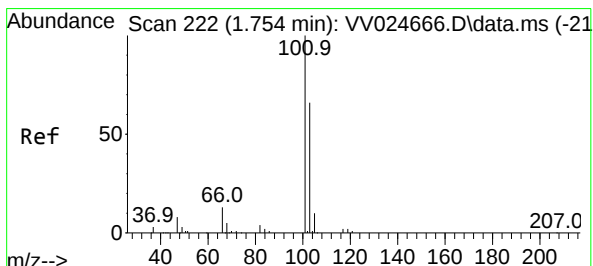
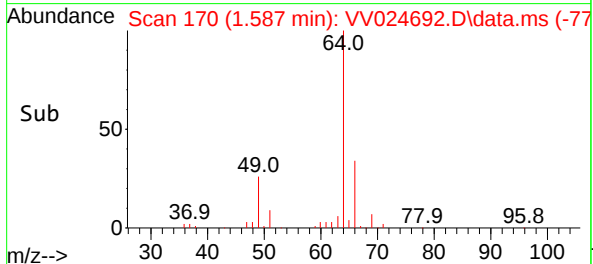
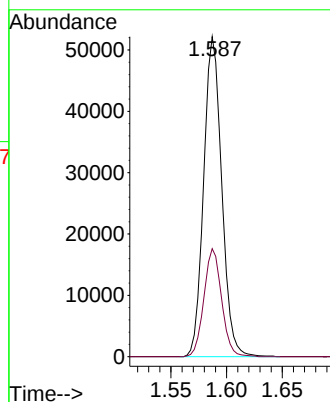
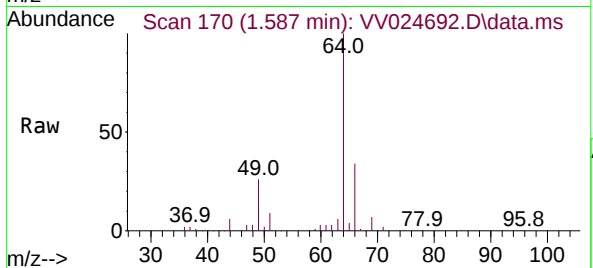




#8
Chloroethane
Concen: 5.219 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

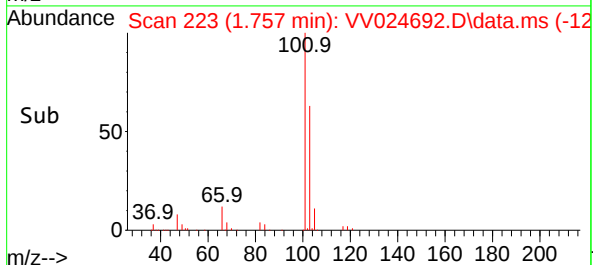
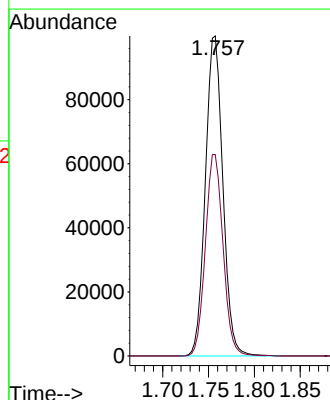
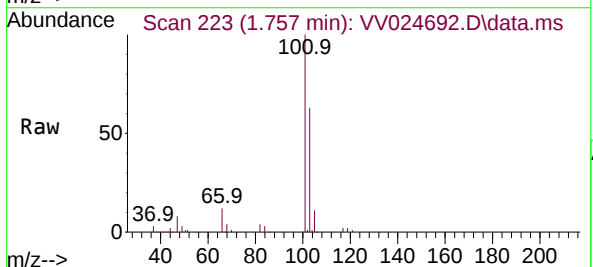
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MSVOA_V
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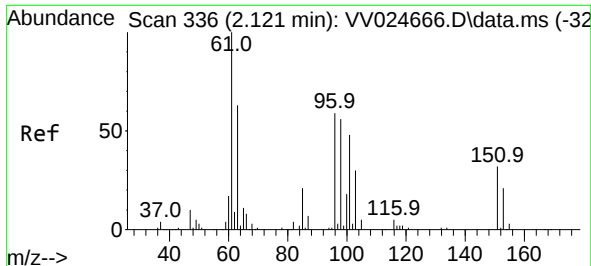
Tgt Ion: 64 Resp: 58961
Ion Ratio Lower Upper
64 100
66 33.7 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.309 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

Tgt Ion:101 Resp: 132323
Ion Ratio Lower Upper
101 100
103 63.7 51.6 77.4

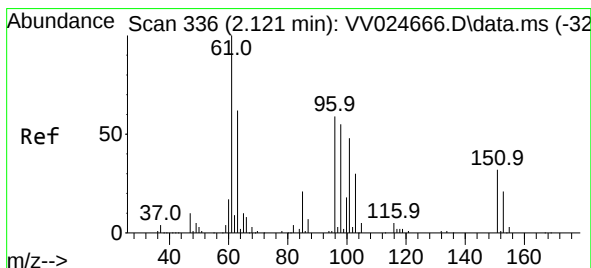
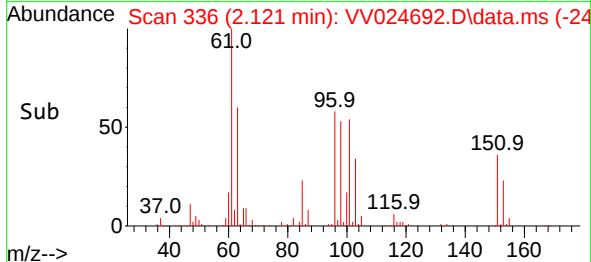
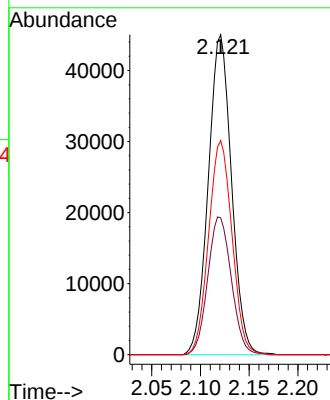
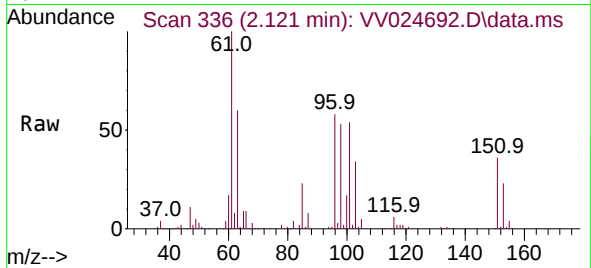




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.369 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

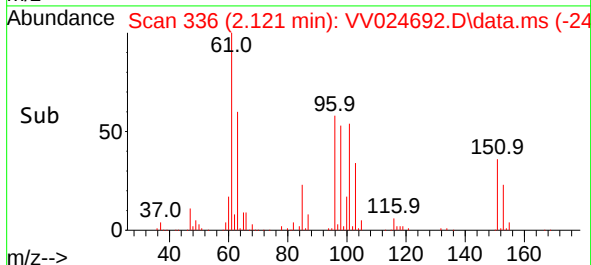
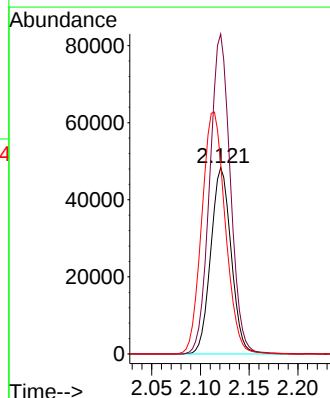
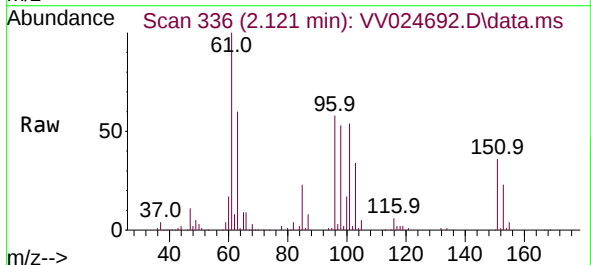
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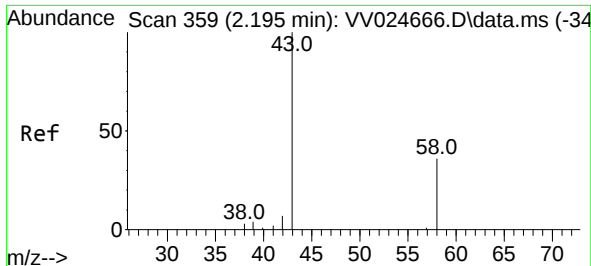
Tgt Ion:101 Resp: 74603
Ion Ratio Lower Upper
101 100
85 43.7 36.0 54.0
151 67.5 66.4 99.6



#12
1,1-Dichloroethene
Concen: 5.119 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

Tgt Ion: 96 Resp: 70202
Ion Ratio Lower Upper
96 100
61 171.8 116.1 215.5
63 102.6 79.4 147.4





#13

Acetone

Concen: 52.393 ug/L

RT: 2.185 min Scan# 3

Delta R.T. -0.010 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

Instrument :

MSVOA_V

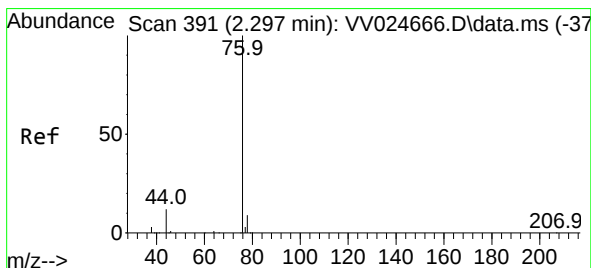
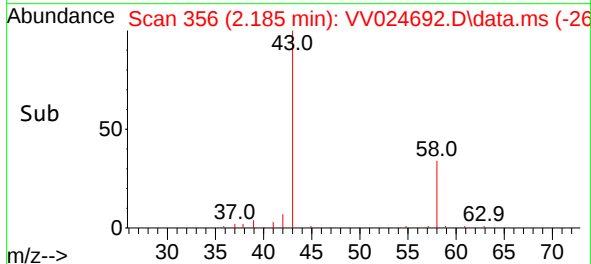
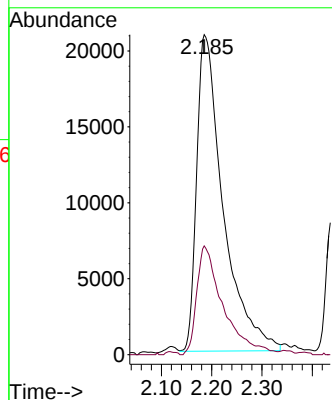
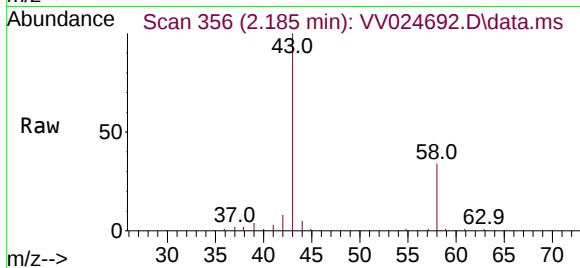
ClientSampleId :

Tgt Ion: 43 Resp: 76210

Ion Ratio Lower Upper

43 100

58 34.3 0.0 41.4



#14

Carbon disulfide

Concen: 4.766 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV024692.D

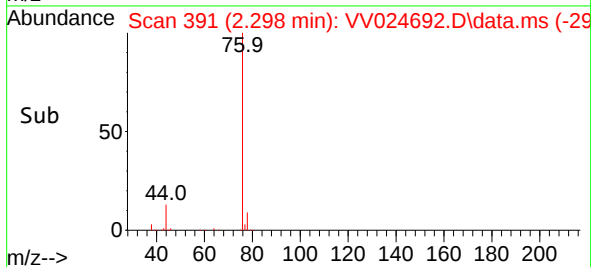
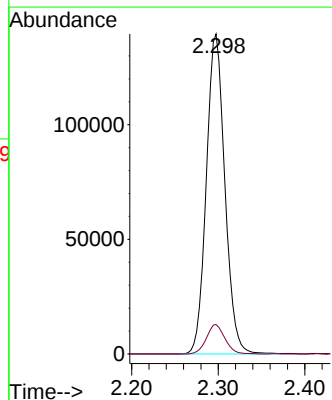
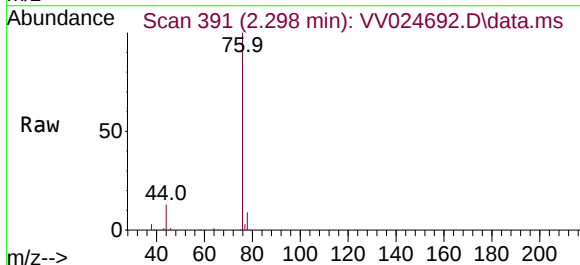
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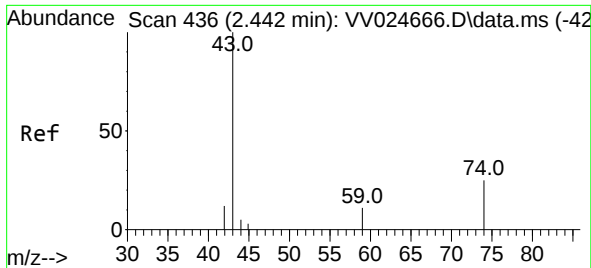
Tgt Ion: 76 Resp: 207743

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

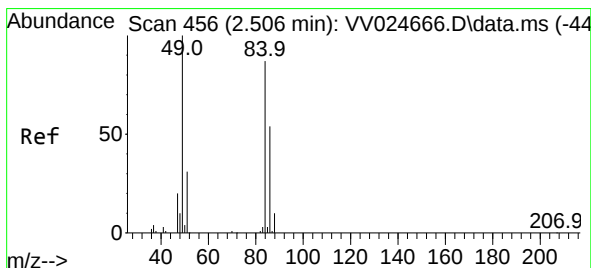
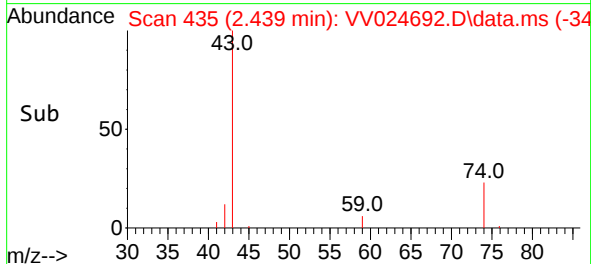
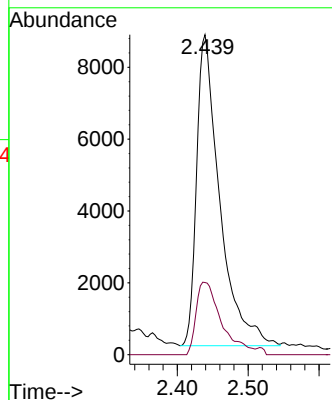
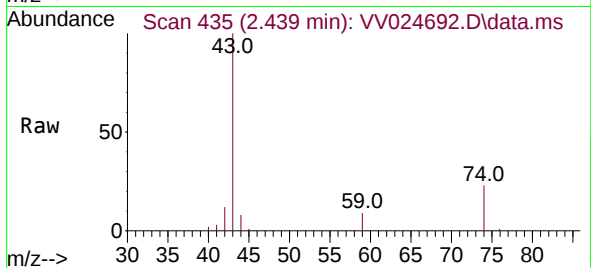




#15
Methyl Acetate
Concen: 4.711 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

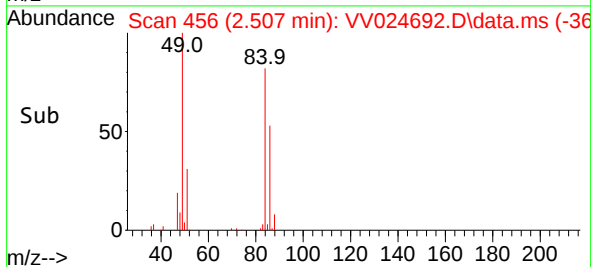
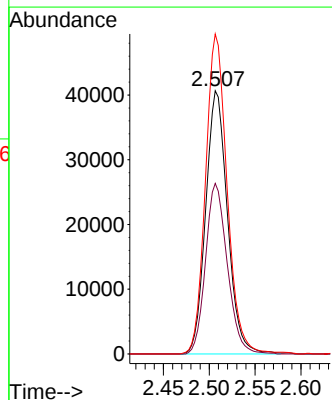
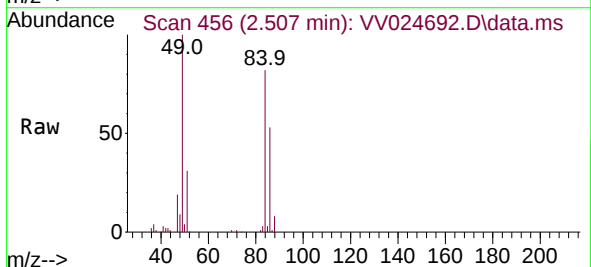
Instrument :
MSVOA_V
ClientSampleId :

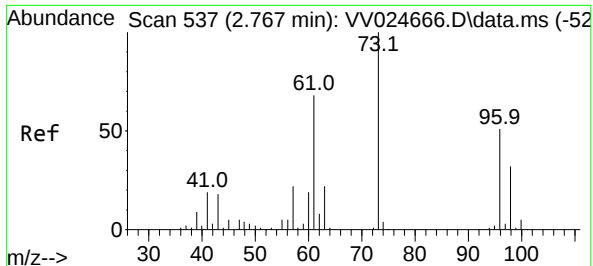
Tgt Ion: 43 Resp: 19595
Ion Ratio Lower Upper
43 100
74 25.5 20.2 30.2



#16
Methylene chloride
Concen: 4.942 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

Tgt Ion: 84 Resp: 67148
Ion Ratio Lower Upper
84 100
86 64.8 42.6 79.0
49 121.6 79.7 147.9





#17

Methyl tert-butyl Ether

Concen: 5.011 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

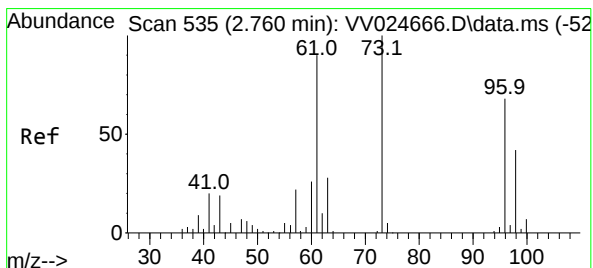
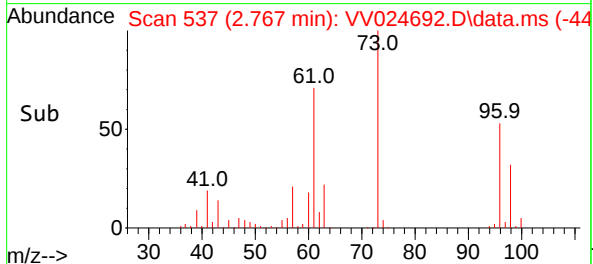
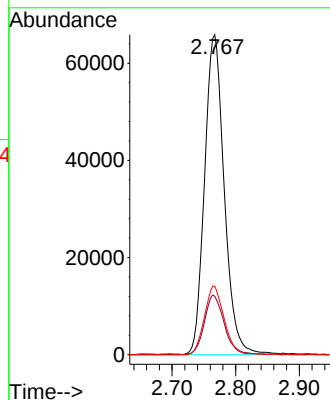
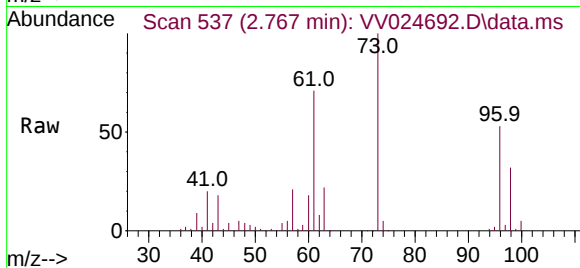
Tgt Ion: 73 Resp: 141631

Ion Ratio Lower Upper

73 100

43 18.9 15.5 23.3

57 21.3 17.1 25.7



#18

trans-1,2-Dichloroethene

Concen: 5.246 ug/L

RT: 2.761 min Scan# 535

Delta R.T. 0.000 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

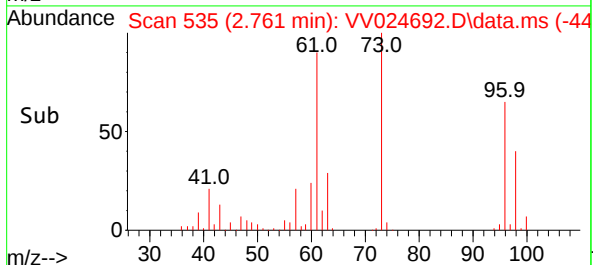
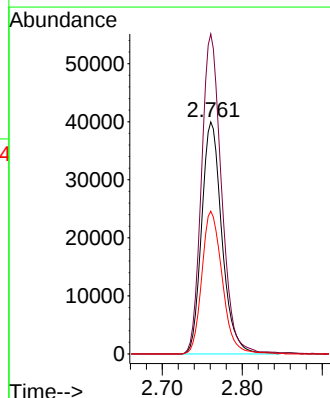
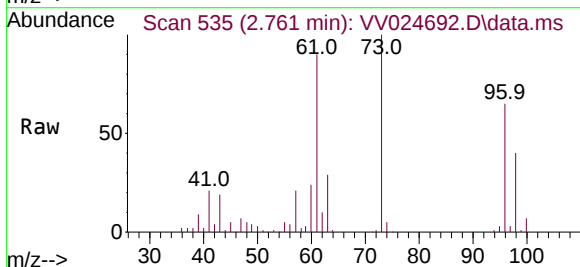
Tgt Ion: 96 Resp: 70681

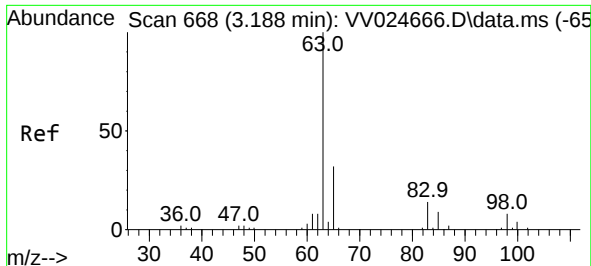
Ion Ratio Lower Upper

96 100

61 137.9 88.2 163.8

98 61.5 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.493 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

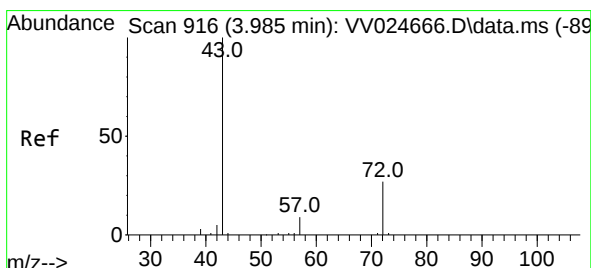
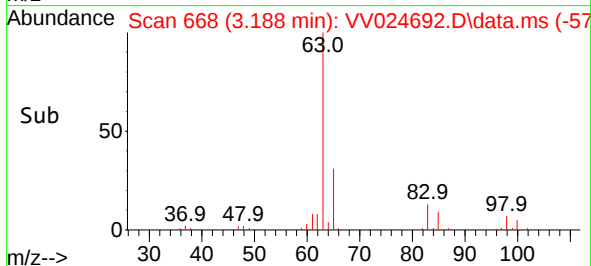
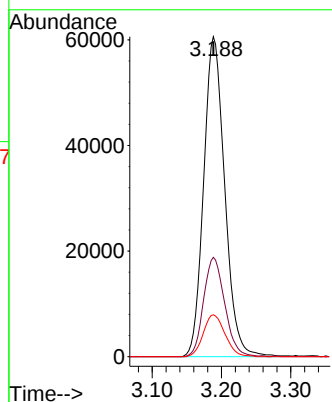
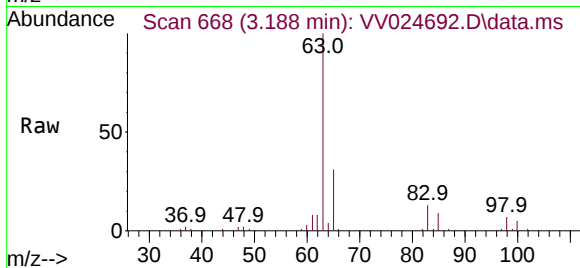
Tgt Ion: 63 Resp: 127819

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.3

83 13.1 10.7 19.9



#21

2-Butanone

Concen: 53.990 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.010 min

Lab File: VV024692.D

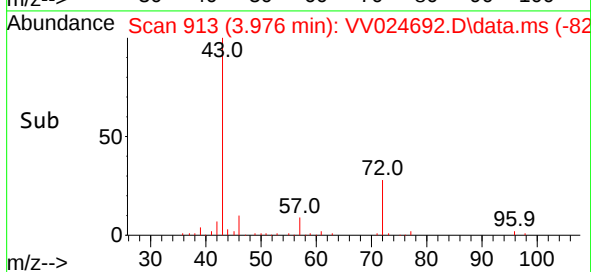
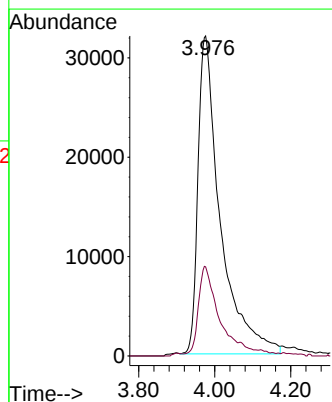
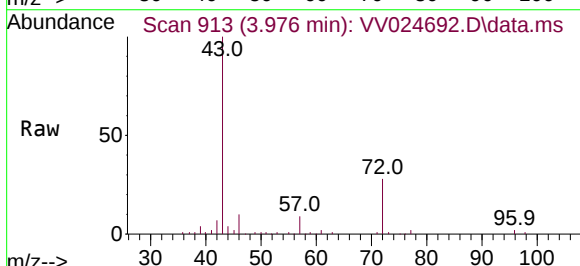
Acq: 16 Feb 2022 10:53

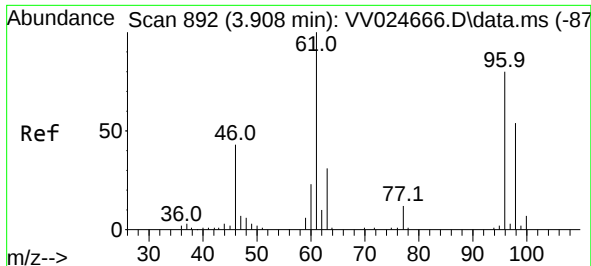
Tgt Ion: 43 Resp: 130154

Ion Ratio Lower Upper

43 100

72 23.4 11.1 33.1





#22

cis-1,2-Dichloroethene

Concen: 5.446 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.000 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

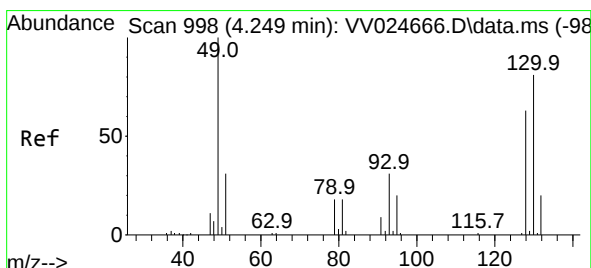
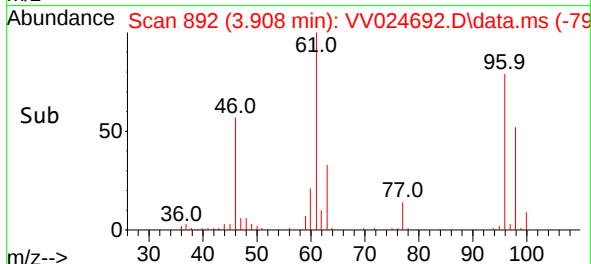
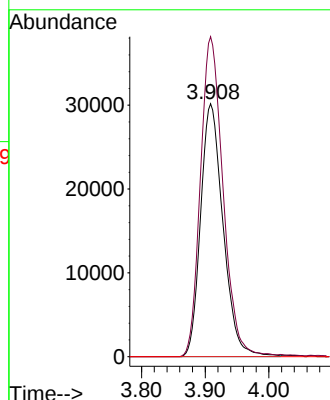
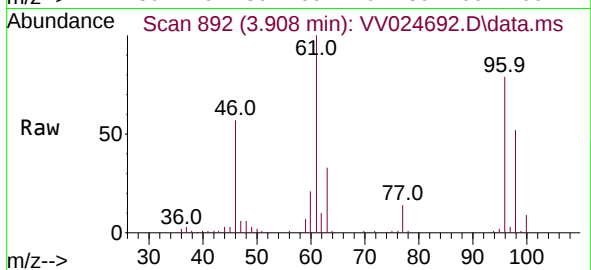
Tgt Ion: 96 Resp: 73969

Ion Ratio Lower Upper

96 100

61 126.5 83.4 154.8

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.562 ug/L

RT: 4.246 min Scan# 997

Delta R.T. -0.003 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

Tgt Ion: 128 Resp: 28691

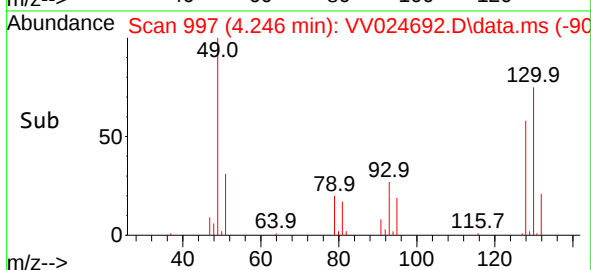
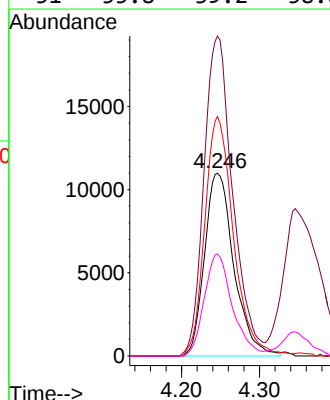
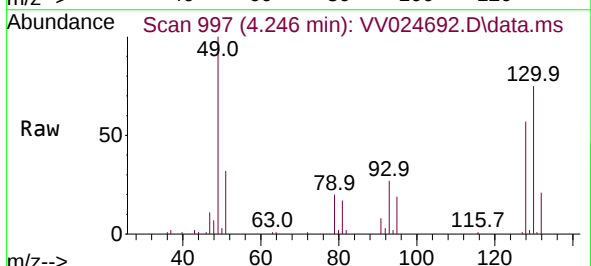
Ion Ratio Lower Upper

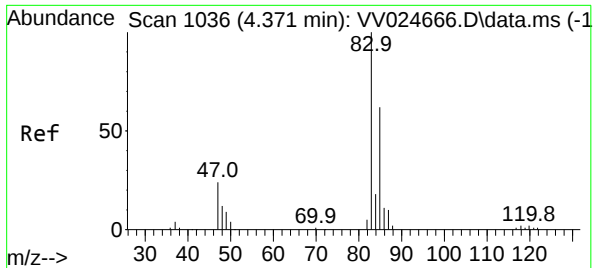
128 100

49 175.1 100.2 186.2

130 131.1 92.5 171.7

51 55.8 39.2 58.8

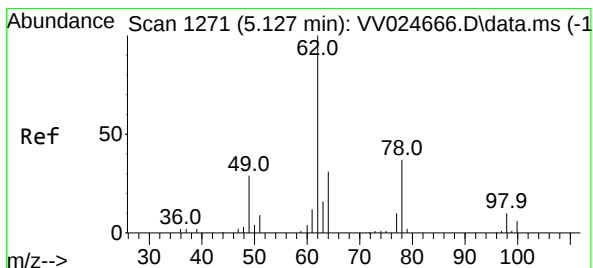
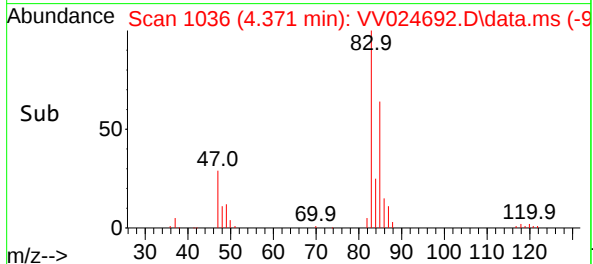
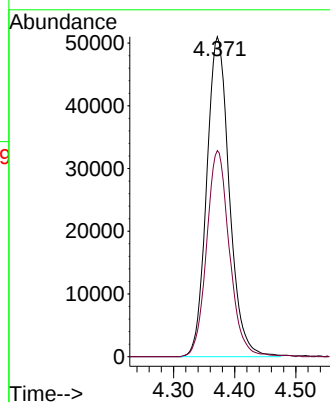
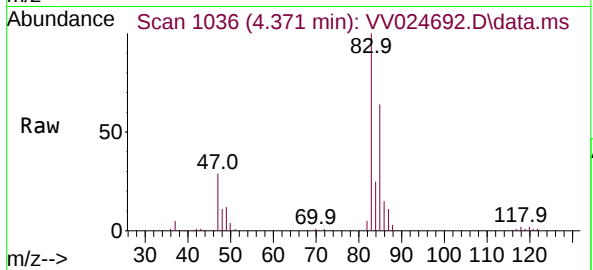




#25
Chloroform
Concen: 5.388 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

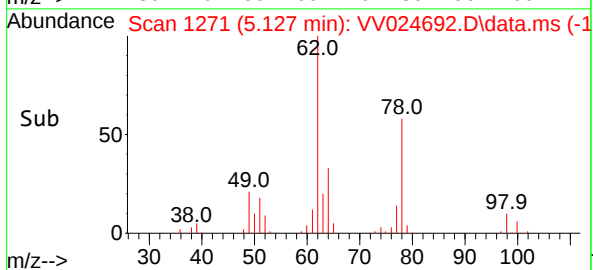
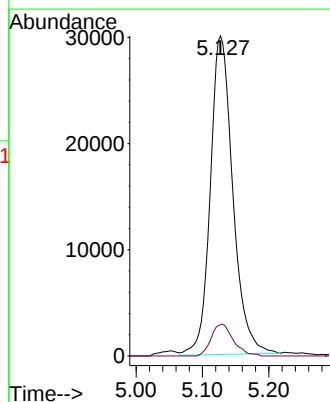
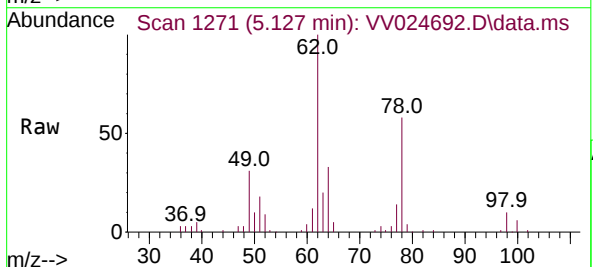
Instrument :
MSVOA_V
ClientSampleId :

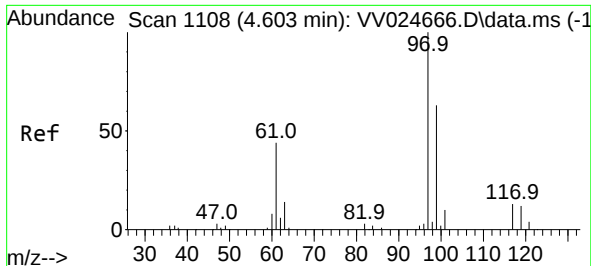
Tgt Ion: 83 Resp: 131216
Ion Ratio Lower Upper
83 100
85 64.4 45.2 84.0



#27
1,2-Dichloroethane
Concen: 5.311 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

Tgt Ion: 62 Resp: 70926
Ion Ratio Lower Upper
62 100
98 9.8 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.185 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

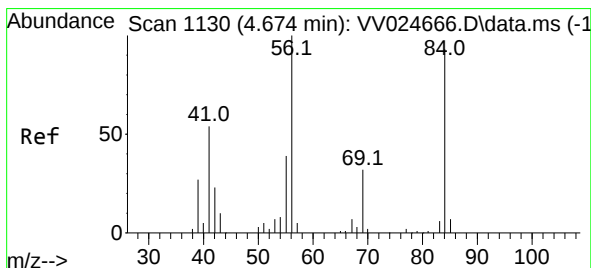
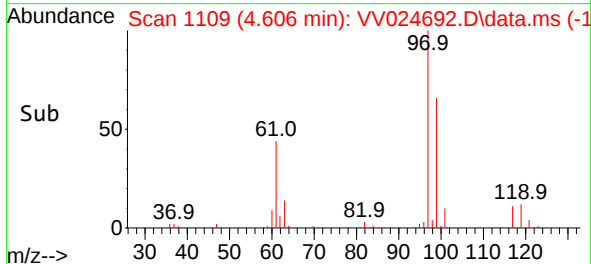
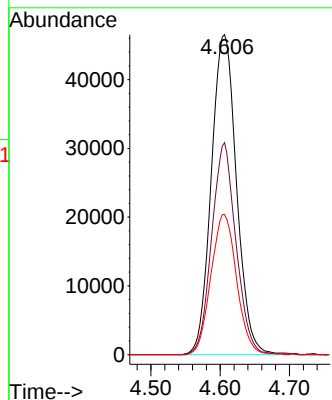
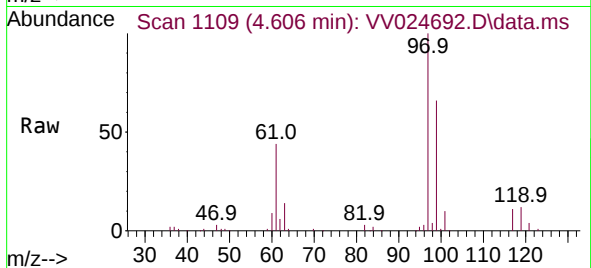
Tgt Ion: 97 Resp: 117767

Ion Ratio Lower Upper

97 100

99 63.7 51.9 77.9

61 44.6 33.2 49.8



#30

Cyclohexane

Concen: 5.171 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

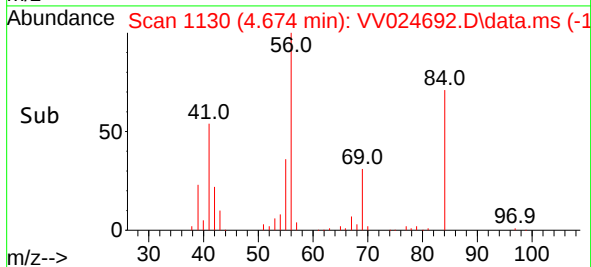
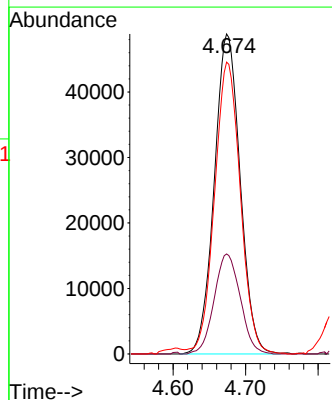
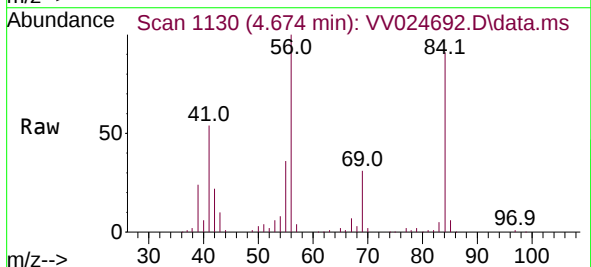
Tgt Ion: 56 Resp: 120991

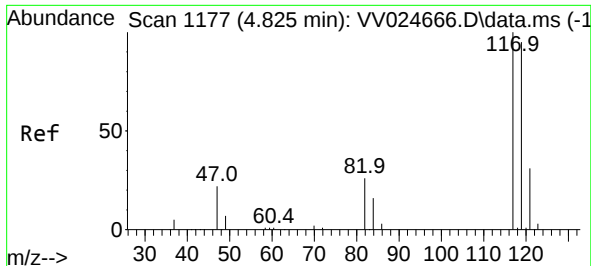
Ion Ratio Lower Upper

56 100

69 31.5 24.8 37.2

84 91.3 75.9 113.9

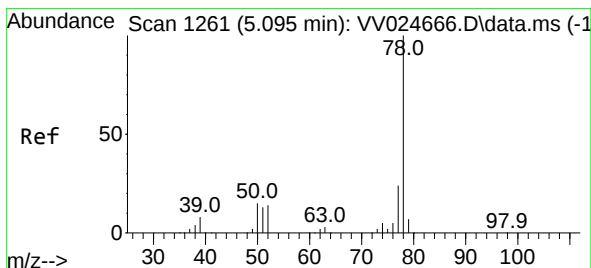
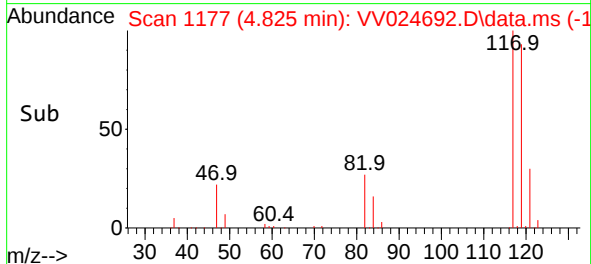
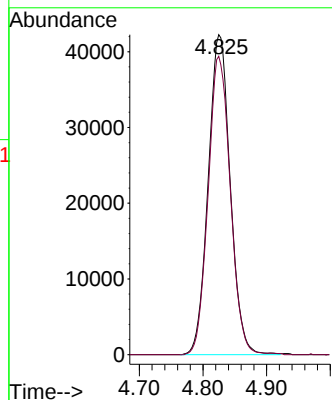
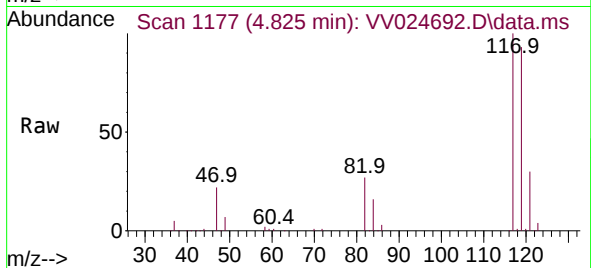




#31
Carbon tetrachloride
Concen: 5.281 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

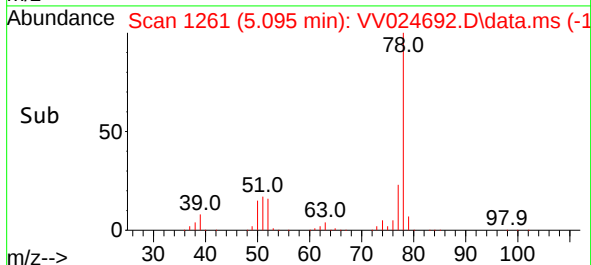
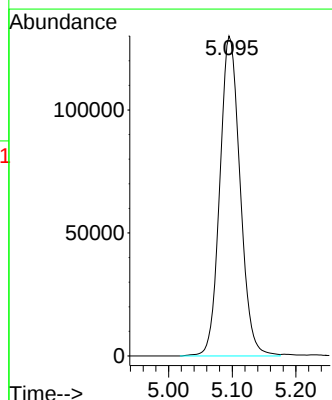
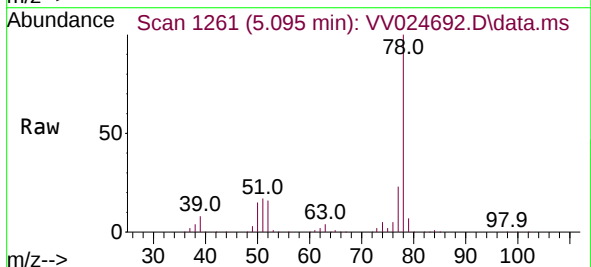
Instrument :
MSVOA_V
ClientSampleId :

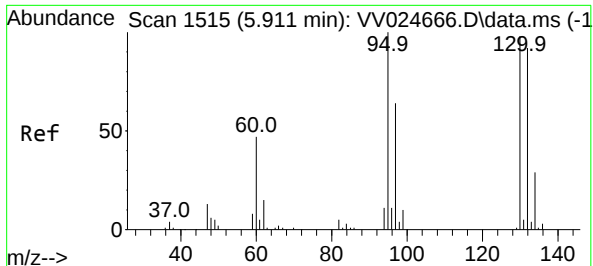
Tgt Ion:117 Resp: 101588
Ion Ratio Lower Upper
117 100
119 93.8 76.6 114.8



#33
Benzene
Concen: 5.327 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

Tgt Ion: 78 Resp: 287852

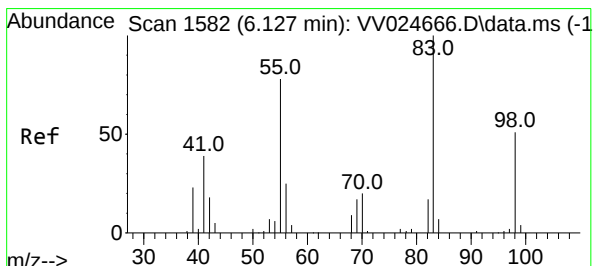
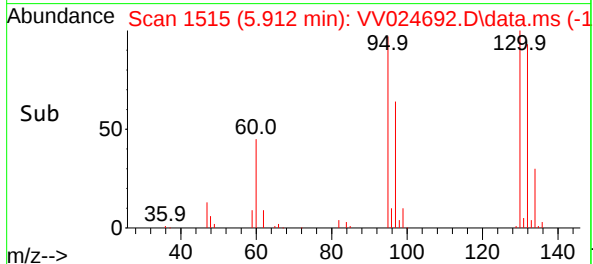
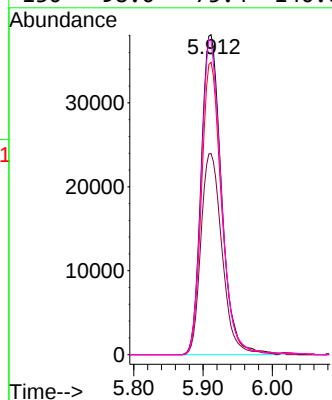
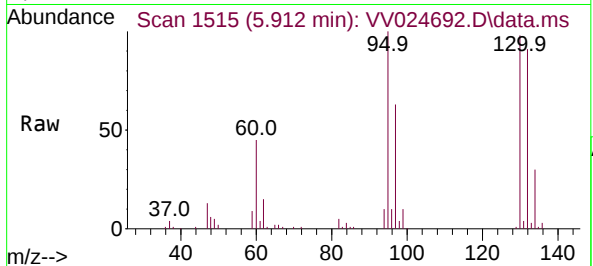




#34
Trichloroethene
Concen: 5.228 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

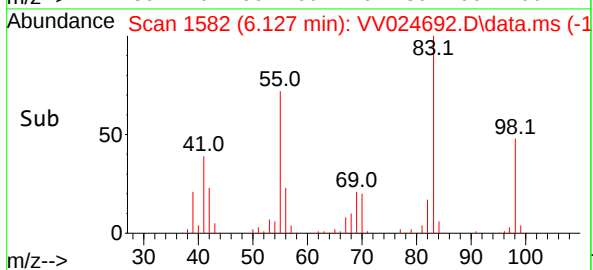
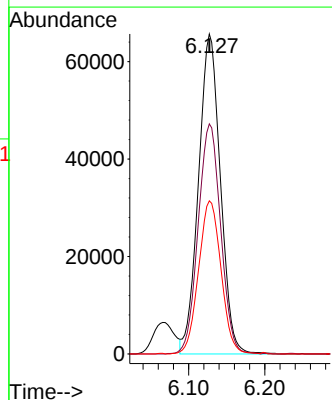
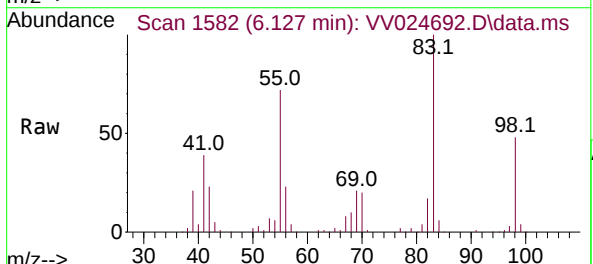
Instrument :
MSVOA_V
ClientSampleId :

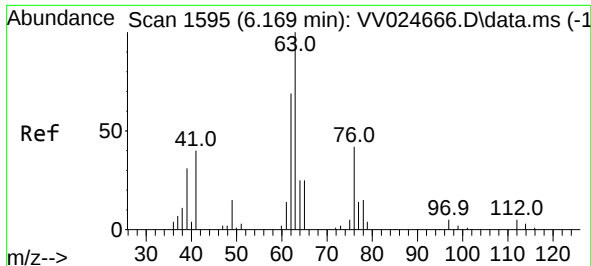
Tgt Ion: 95 Resp: 77789
Ion Ratio Lower Upper
95 100
97 62.9 45.2 84.0
132 91.4 76.1 141.3
130 98.0 75.4 140.0



#35
Methylcyclohexane
Concen: 5.335 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

Tgt Ion: 83 Resp: 131326
Ion Ratio Lower Upper
83 100
55 73.9 60.2 90.2
98 49.0 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.300 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

Instrument :

MSVOA_V

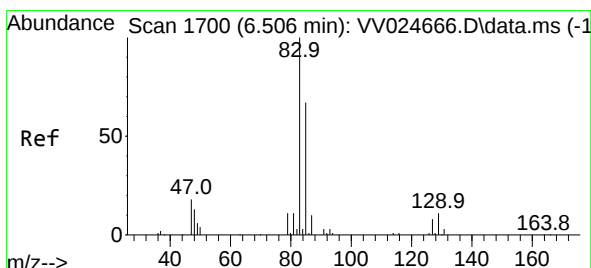
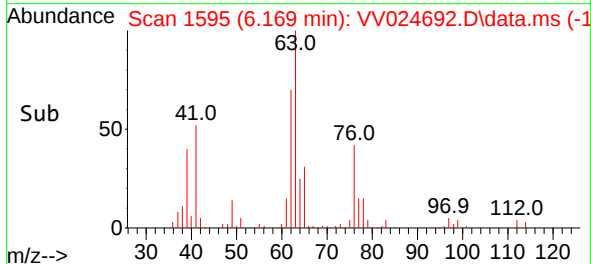
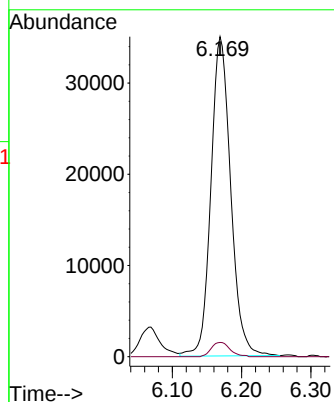
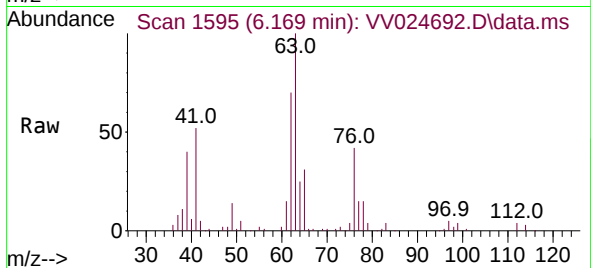
ClientSampleId :

Tgt Ion: 63 Resp: 69408

Ion Ratio Lower Upper

63 100

112 4.3 4.3 6.5#



#38

Bromodichloromethane

Concen: 5.105 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

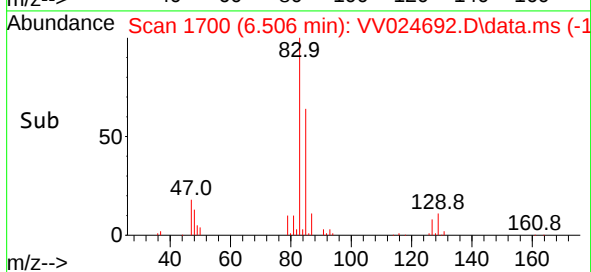
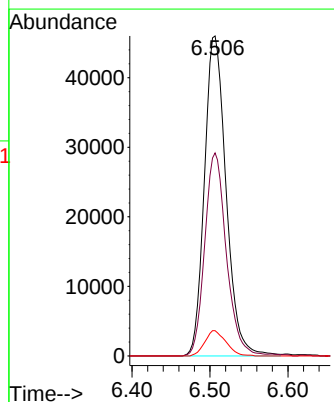
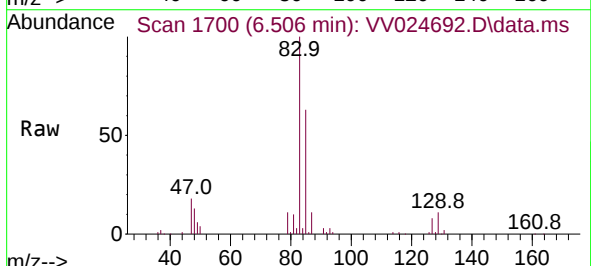
Tgt Ion: 83 Resp: 88865

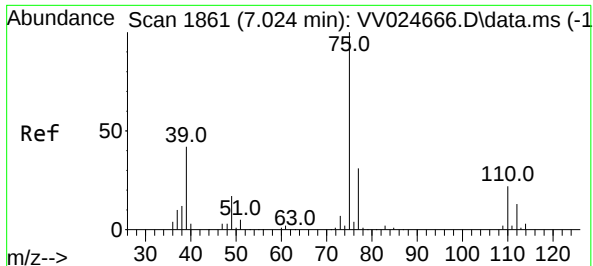
Ion Ratio Lower Upper

83 100

85 63.4 44.0 81.8

127 7.9 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 4.965 ug/L

RT: 7.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

Instrument :

MSVOA_V

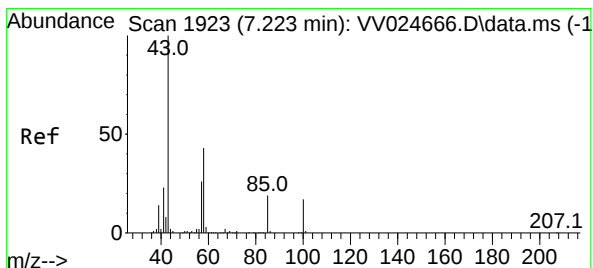
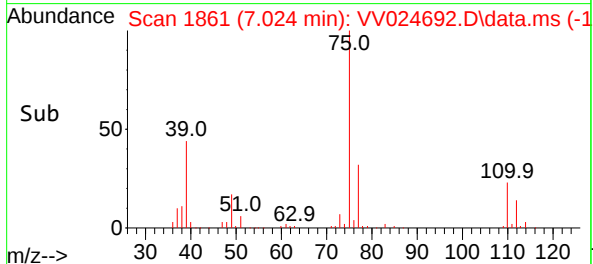
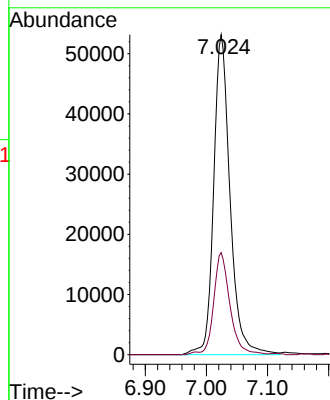
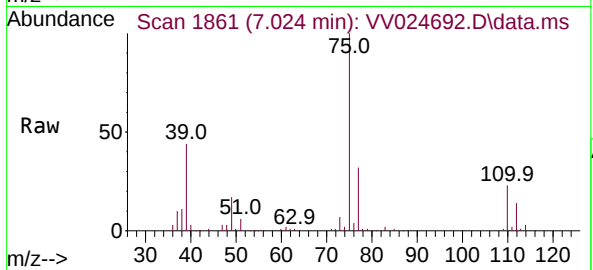
ClientSampleId :

Tgt Ion: 75 Resp: 99096

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 49.708 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

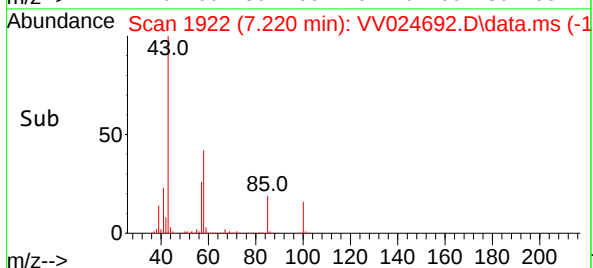
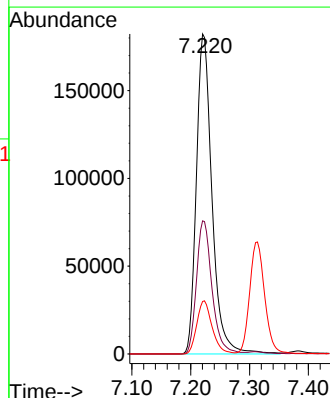
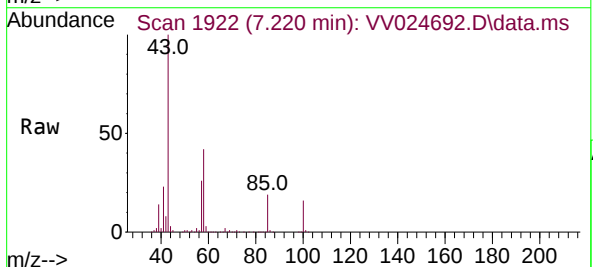
Tgt Ion: 43 Resp: 335965

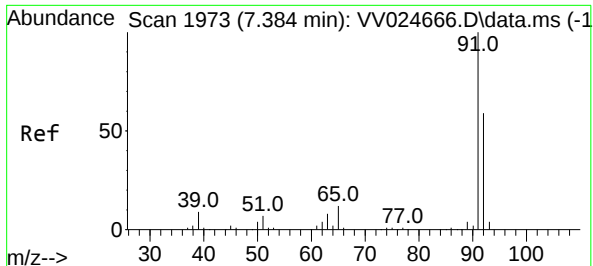
Ion Ratio Lower Upper

43 100

58 41.4 32.3 48.5

100 16.3 13.0 19.6





#42

Toluene

Concen: 5.331 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

Instrument :

MSVOA_V

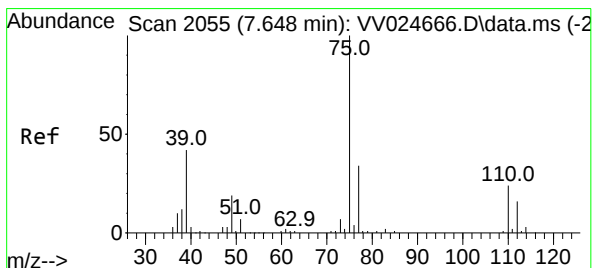
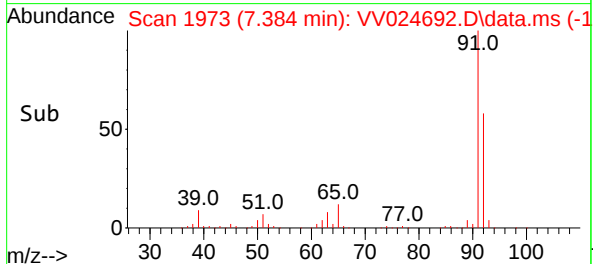
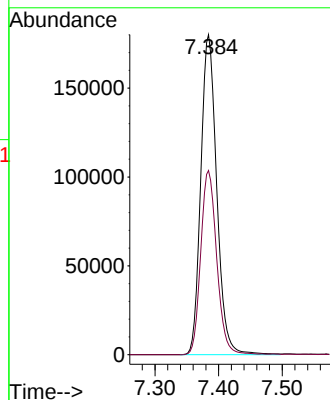
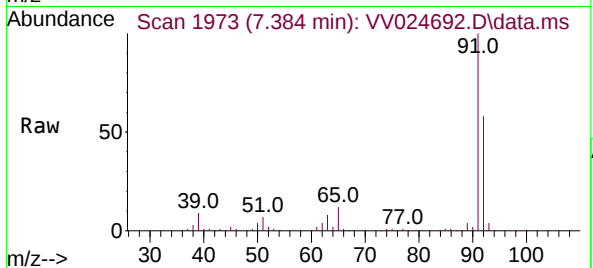
ClientSampleId :

Tgt Ion: 91 Resp: 313794

Ion Ratio Lower Upper

91 100

92 57.5 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 4.902 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV024692.D

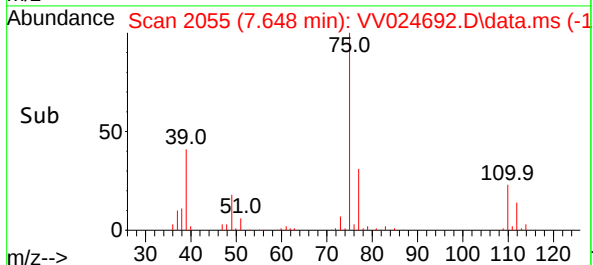
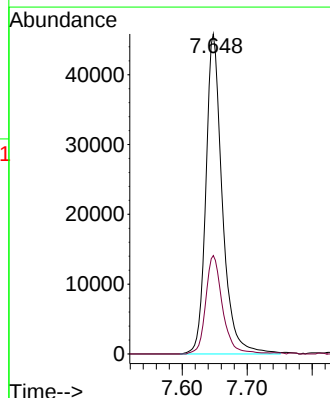
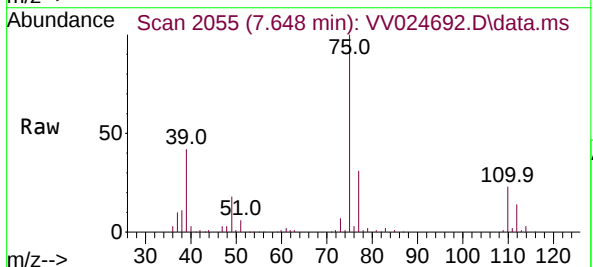
Acq: 16 Feb 2022 10:53

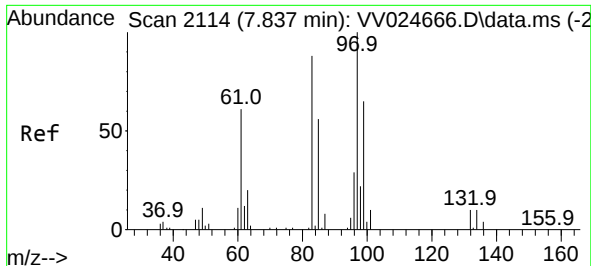
Tgt Ion: 75 Resp: 80806

Ion Ratio Lower Upper

75 100

77 30.8 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.286 ug/L

RT: 7.834 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 44862

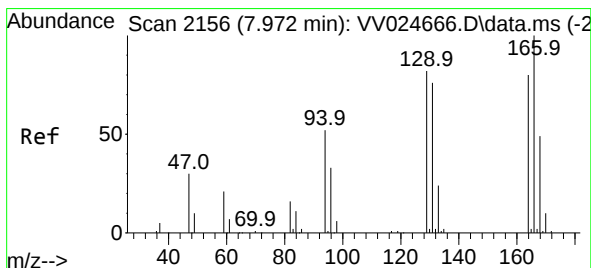
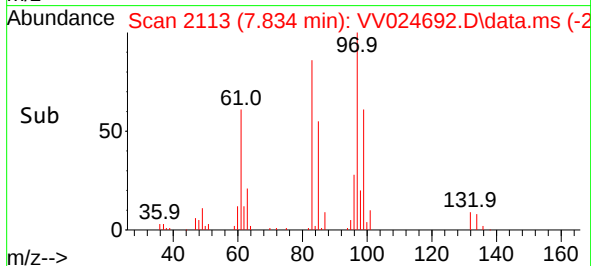
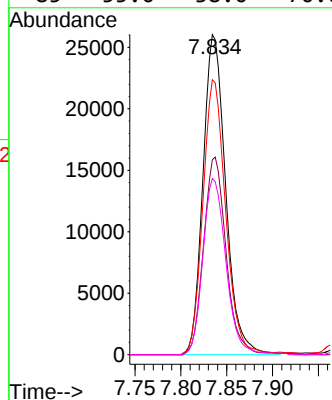
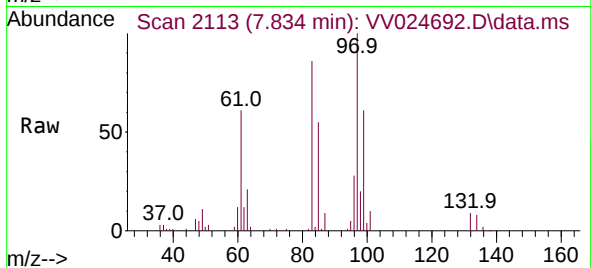
Ion Ratio Lower Upper

97 100

99 61.0 43.1 80.1

83 85.9 57.9 107.5

85 55.0 38.0 70.6



#47

Tetrachloroethene

Concen: 5.431 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

Tgt Ion:164 Resp: 53612

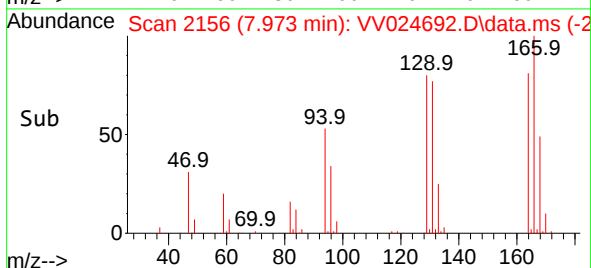
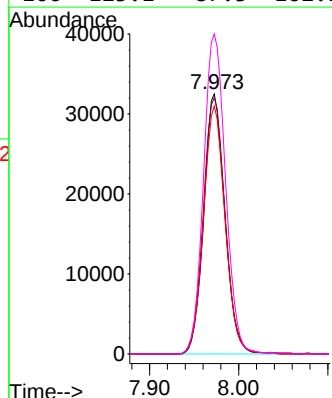
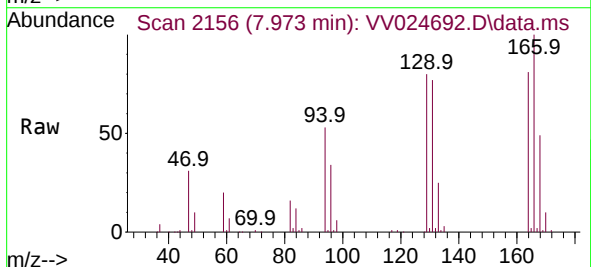
Ion Ratio Lower Upper

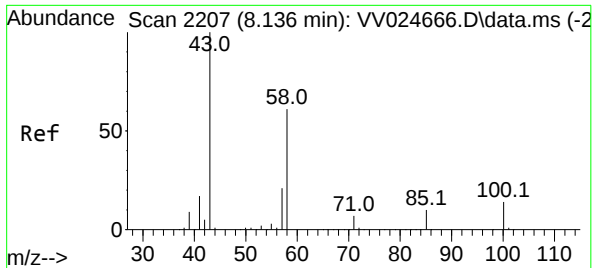
164 100

129 98.6 62.6 116.2

131 95.3 61.0 113.4

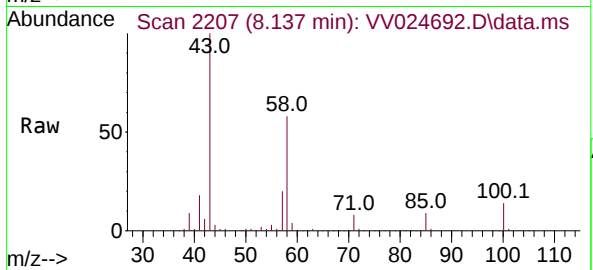
166 123.1 87.3 162.1



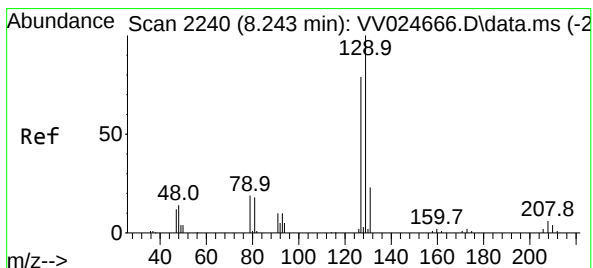
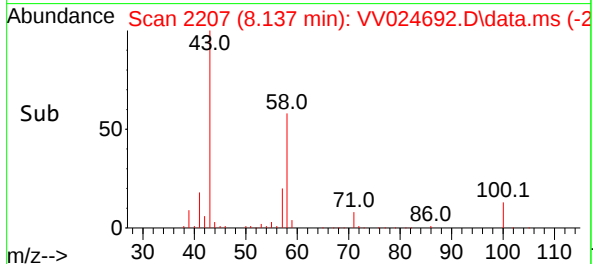
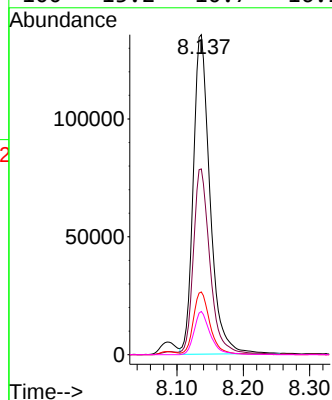


#48
2-Hexanone
Concen: 51.295 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

Instrument :
MSVOA_V
ClientSampleId :

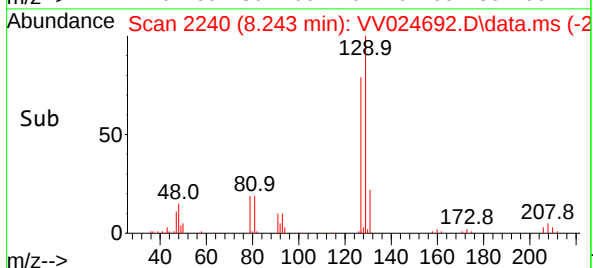
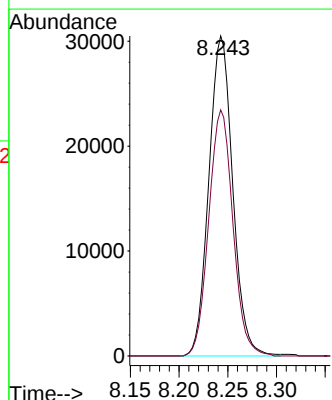
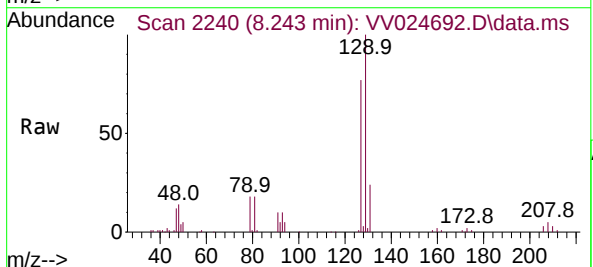


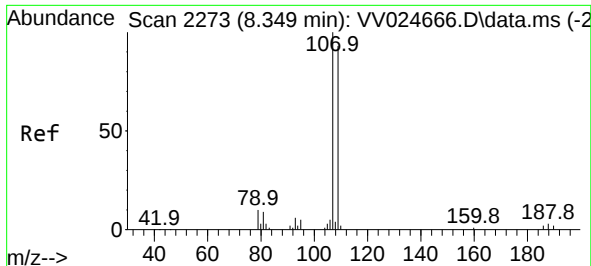
Tgt Ion:	43	Resp:	237317
Ion	Ratio	Lower	Upper
43	100		
58	57.5	44.5	66.7
57	19.8	15.1	22.7
100	13.2	10.7	16.1



#49
Dibromochloromethane
Concen: 5.077 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

Tgt Ion:	129	Resp:	52032
Ion	Ratio	Lower	Upper
129	100		
127	76.9	53.5	99.3

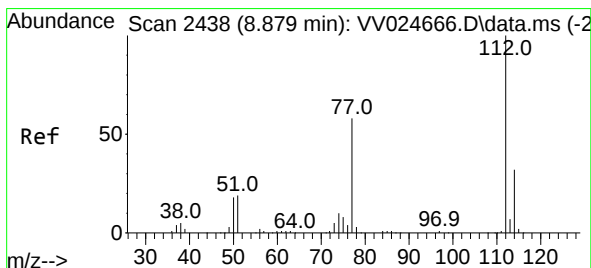
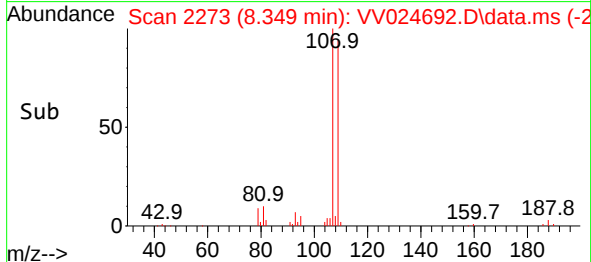
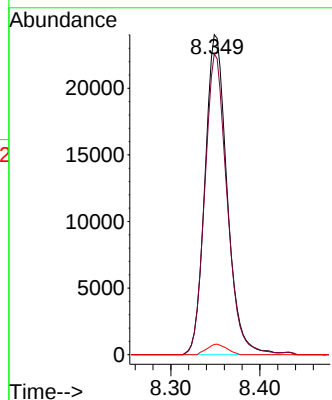
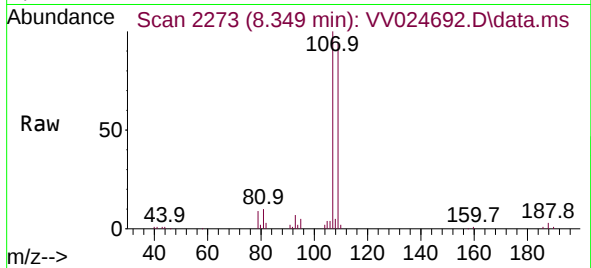




#50
1,2-Dibromoethane
Concen: 5.194 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

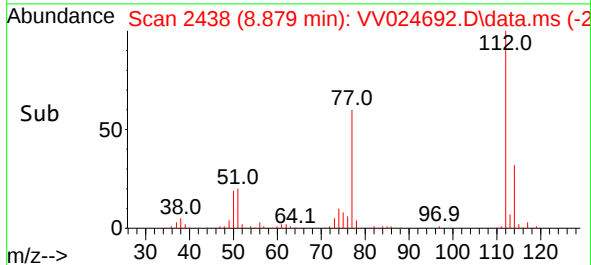
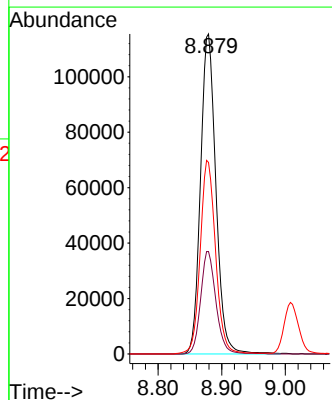
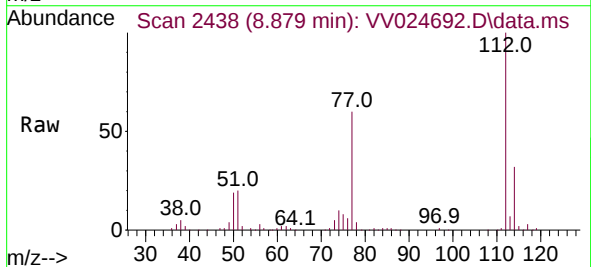
Instrument :
MSVOA_V
ClientSampleId :

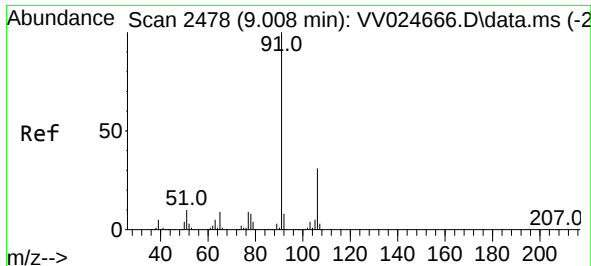
Tgt Ion:107 Resp: 41372
Ion Ratio Lower Upper
107 100
109 94.0 62.5 116.1
188 3.2 3.4 5.2#



#51
Chlorobenzene
Concen: 5.382 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

Tgt Ion:112 Resp: 194144
Ion Ratio Lower Upper
112 100
114 32.0 23.3 43.3
77 59.9 43.3 64.9

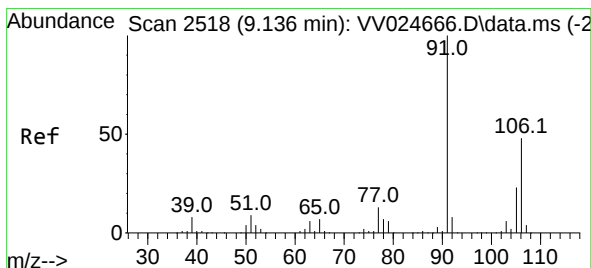
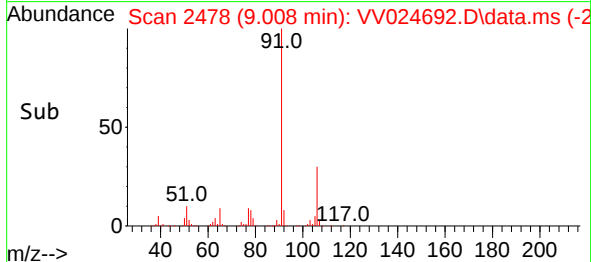
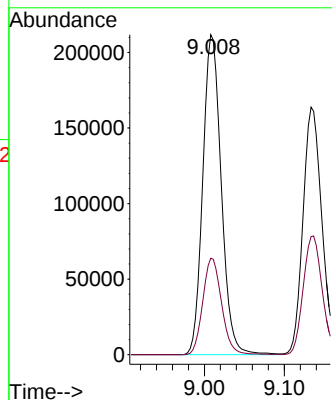
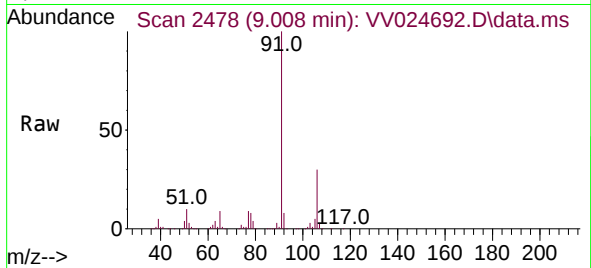




#52
Ethylbenzene
Concen: 5.211 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

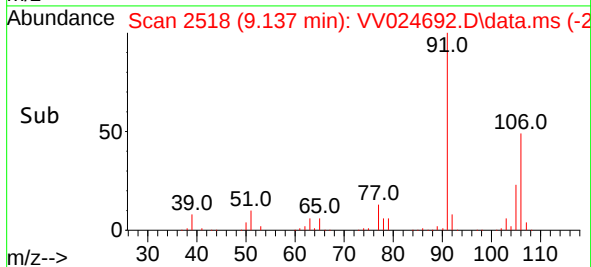
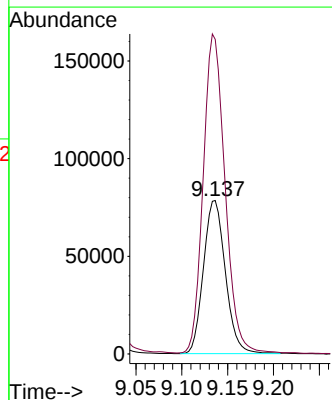
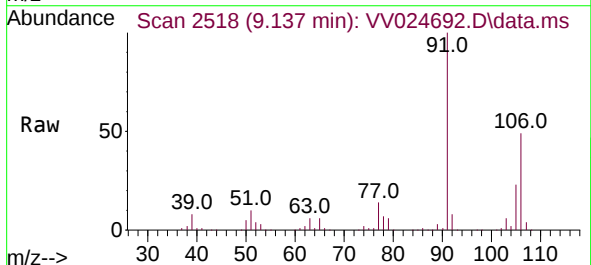
Instrument :
MSVOA_V
ClientSampleId :

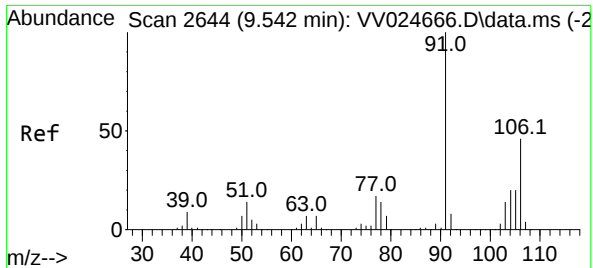
Tgt Ion: 91 Resp: 341287
Ion Ratio Lower Upper
91 100
106 30.2 22.0 41.0



#53
m,p-xylene
Concen: 5.260 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

Tgt Ion:106 Resp: 130484
Ion Ratio Lower Upper
106 100
91 204.9 139.5 259.1

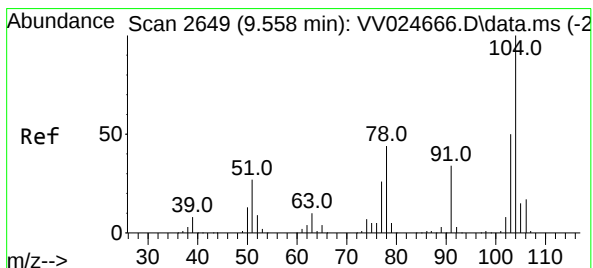
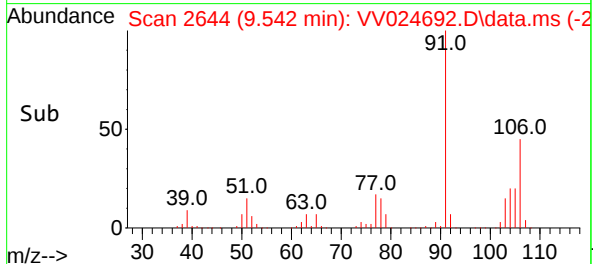
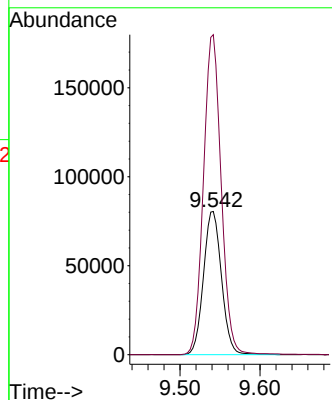
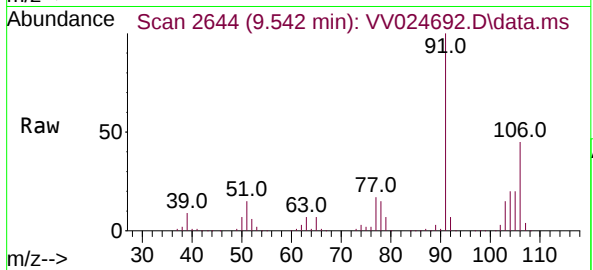




#54
o-xylene
Concen: 5.278 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

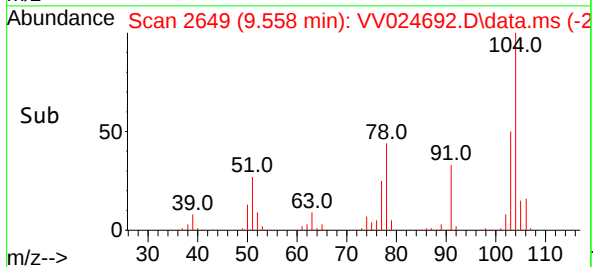
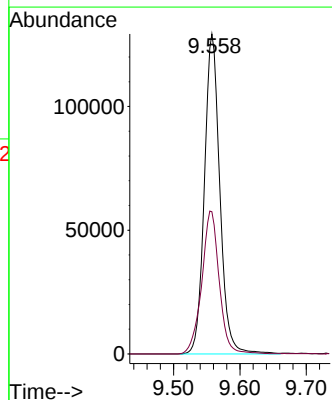
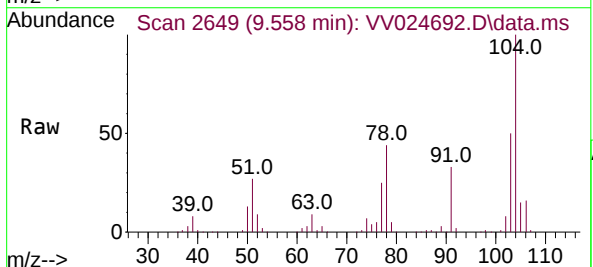
Instrument :
MSVOA_V
ClientSampleId :

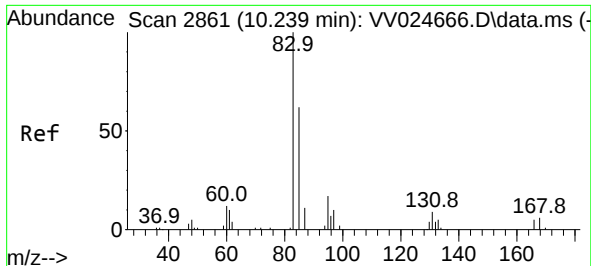
Tgt Ion:106 Resp: 126259
Ion Ratio Lower Upper
106 100
91 223.3 147.9 274.7



#55
Styrene
Concen: 5.331 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

Tgt Ion:104 Resp: 209345
Ion Ratio Lower Upper
104 100
78 44.4 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.376 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

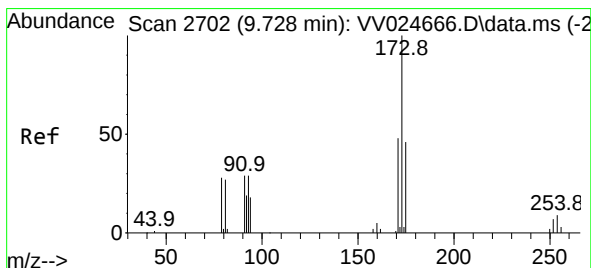
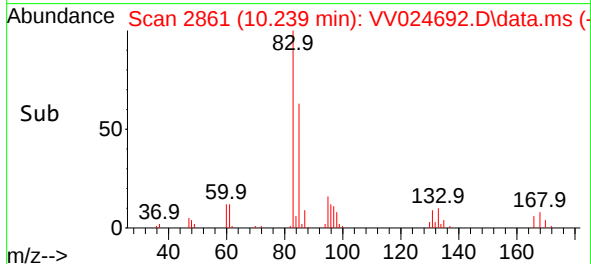
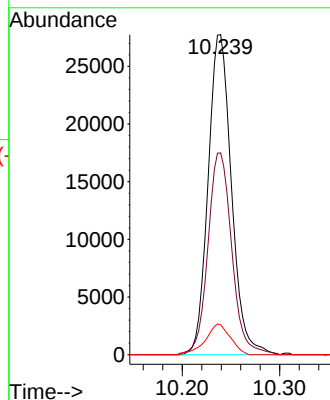
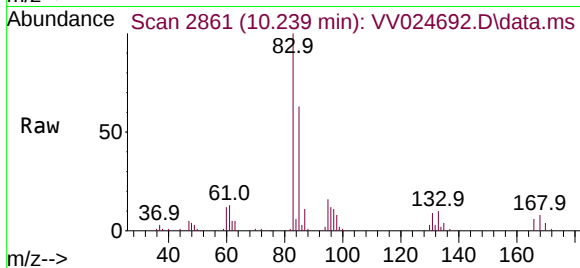
Tgt Ion: 83 Resp: 46221

Ion Ratio Lower Upper

83 100

85 63.0 44.6 82.8

131 9.3 8.3 12.5



#59

Bromoform

Concen: 4.972 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.000 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

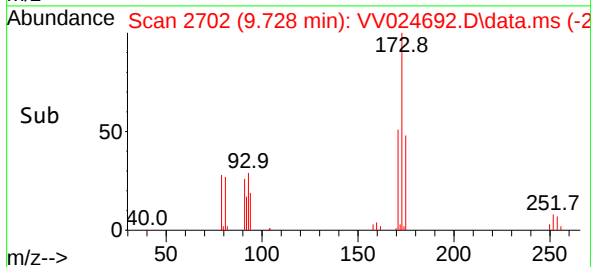
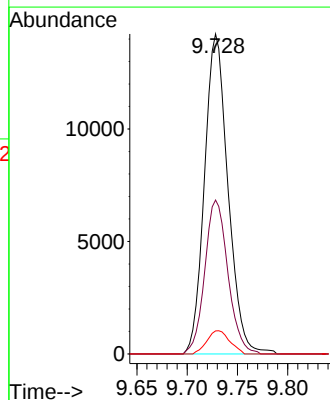
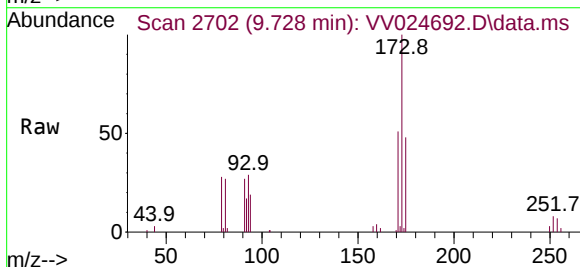
Tgt Ion: 173 Resp: 23105

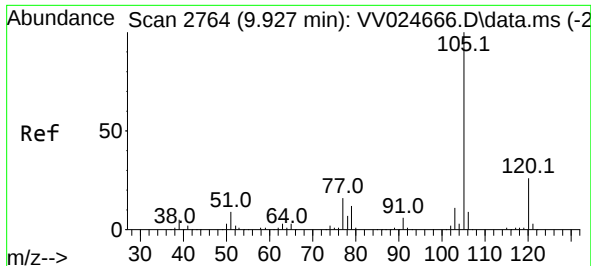
Ion Ratio Lower Upper

173 100

175 47.5 39.4 59.2

254 7.1 7.4 11.0#

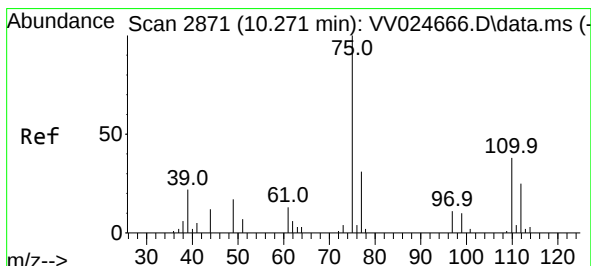
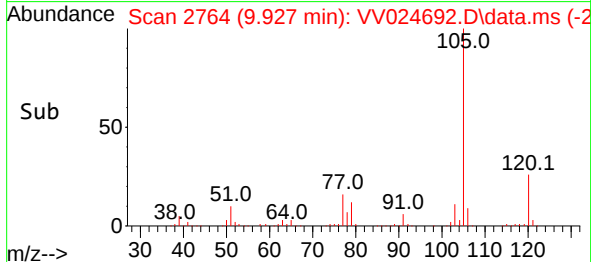
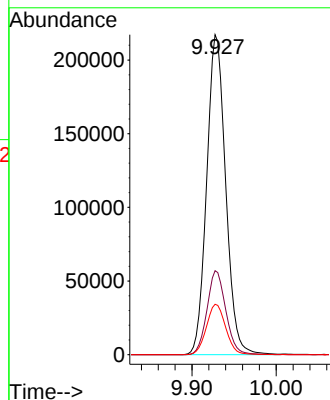
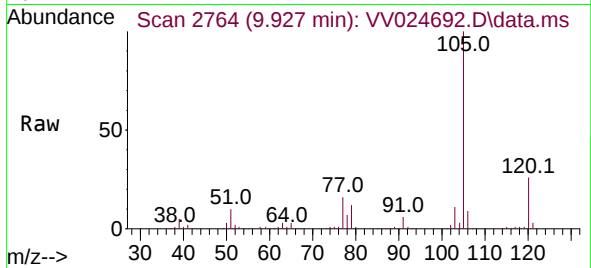




#60
Isopropylbenzene
Concen: 5.166 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

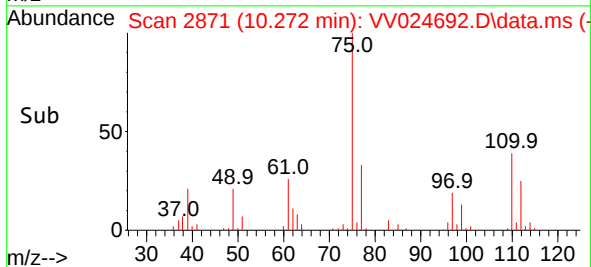
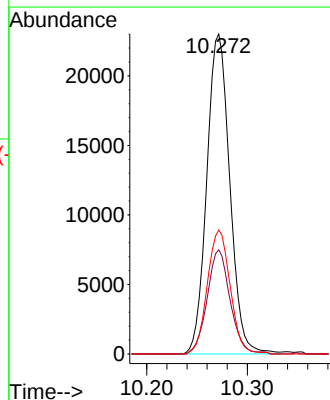
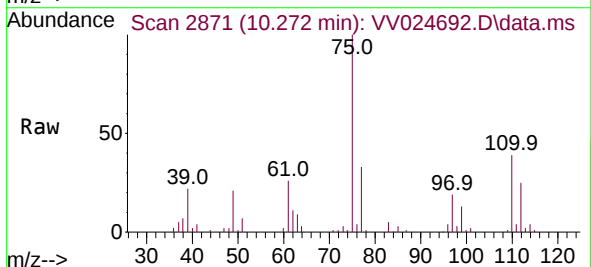
Instrument :
MSVOA_V
ClientSampleId :

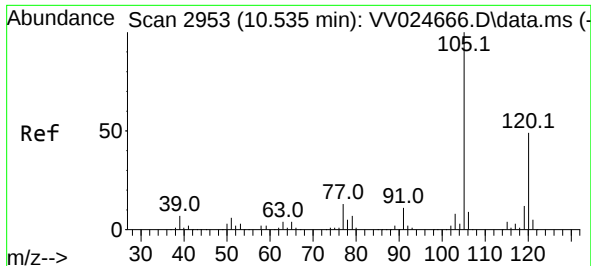
Tgt Ion:105 Resp: 340791
Ion Ratio Lower Upper
105 100
120 26.0 21.4 32.0
77 16.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.105 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

Tgt Ion: 75 Resp: 36604
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6
110 38.4 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.188 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

Instrument :

MSVOA_V

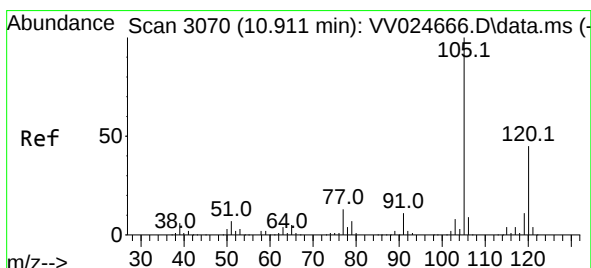
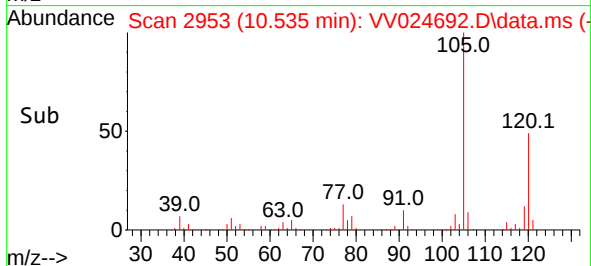
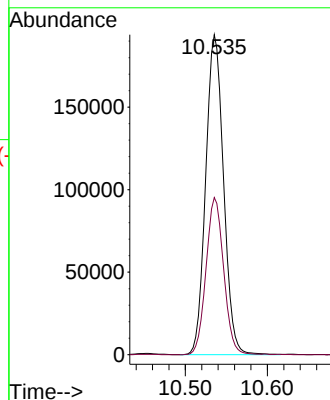
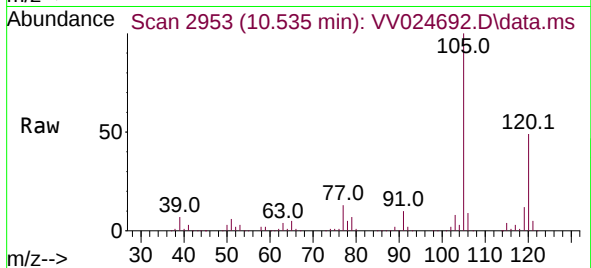
ClientSampleId :

Tgt Ion:105 Resp: 293038

Ion Ratio Lower Upper

105 100

120 48.5 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.199 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024692.D

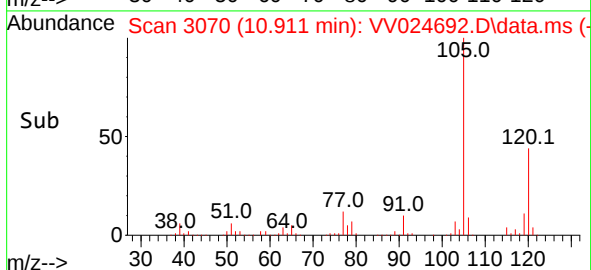
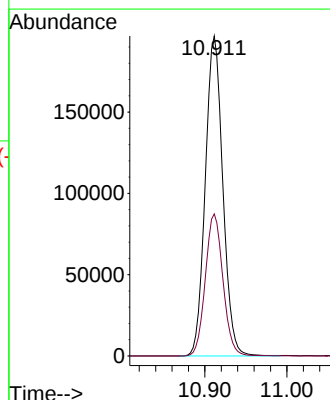
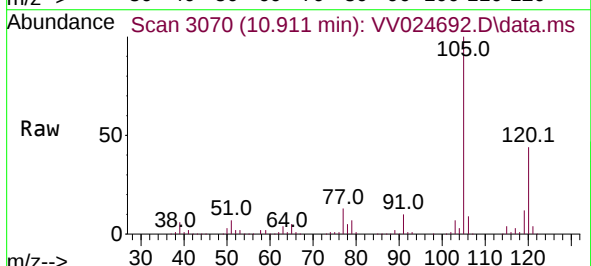
Acq: 16 Feb 2022 10:53

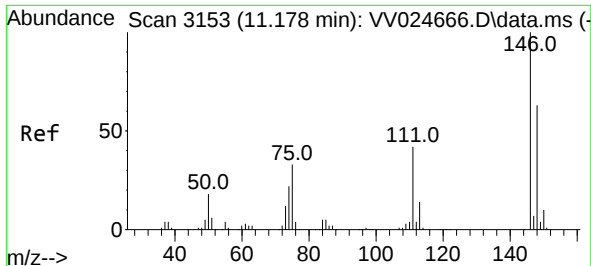
Tgt Ion:105 Resp: 291947

Ion Ratio Lower Upper

105 100

120 44.6 36.7 55.1

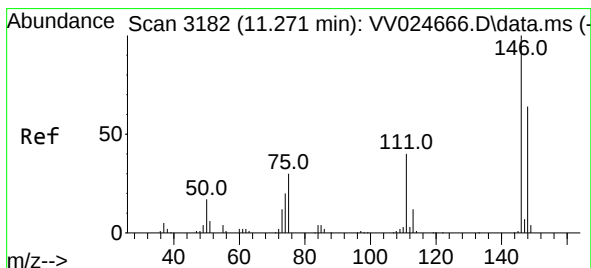
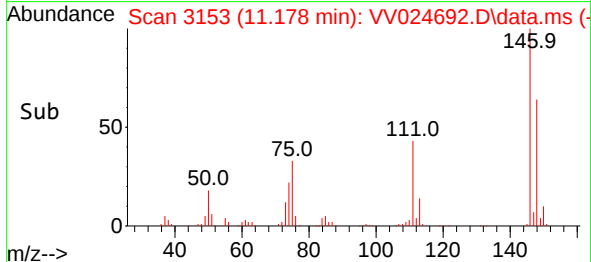
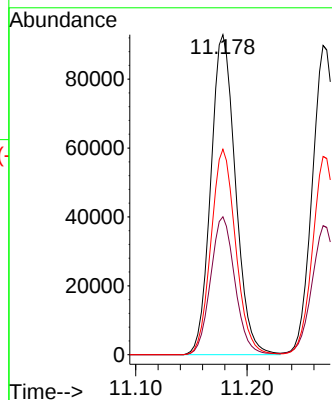
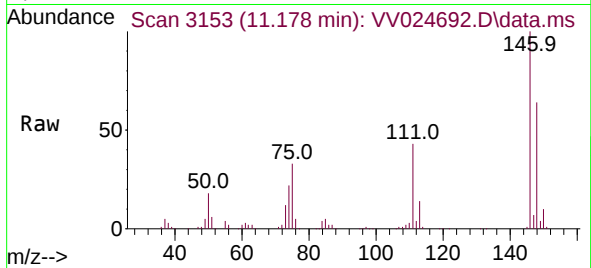




#64
1,3-Dichlorobenzene
Concen: 5.329 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

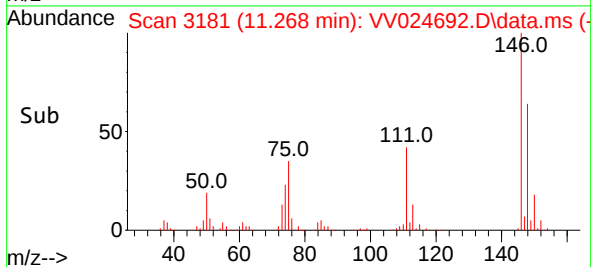
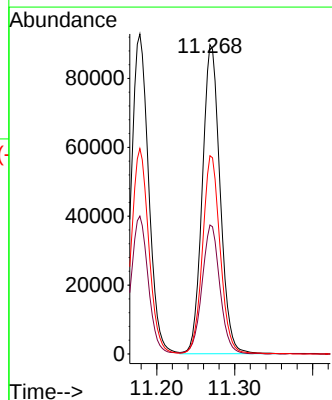
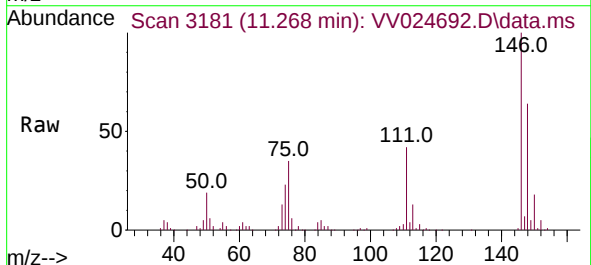
Instrument :
MSVOA_V
ClientSampleId :

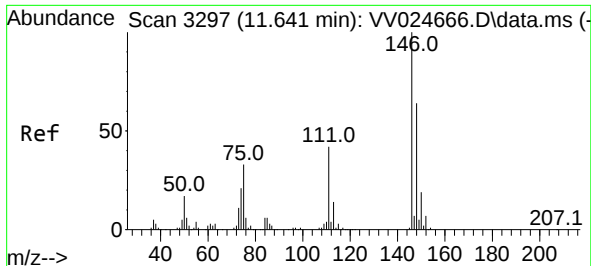
Tgt Ion:146 Resp: 143080
Ion Ratio Lower Upper
146 100
111 43.1 26.3 48.9
148 64.2 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.332 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

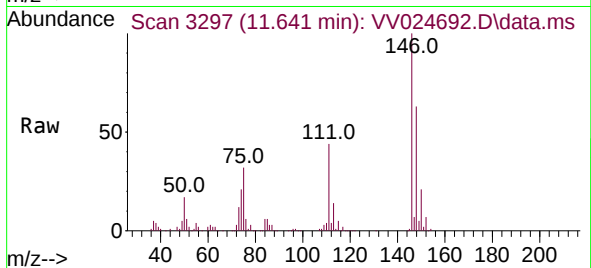
Tgt Ion:146 Resp: 142187
Ion Ratio Lower Upper
146 100
111 41.7 25.6 47.6
148 64.1 44.8 83.2



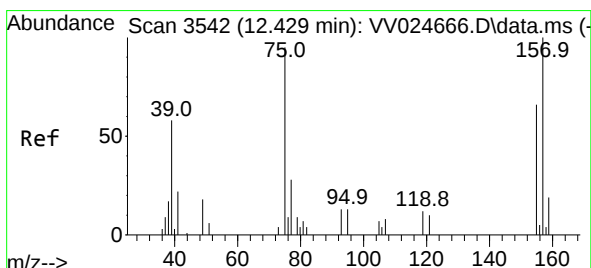
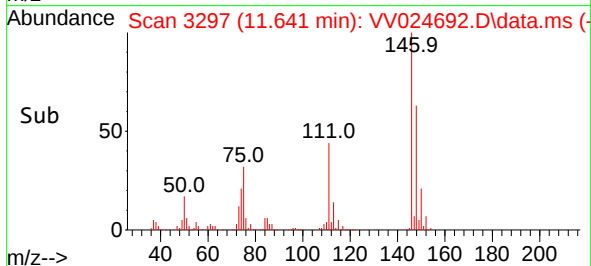
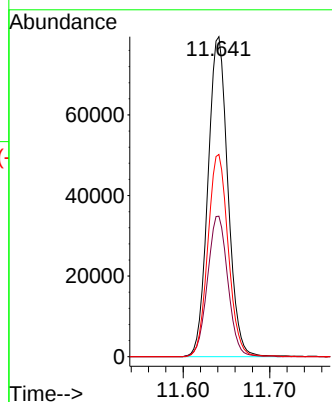


#67
1,2-Dichlorobenzene
Concen: 5.328 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

Instrument :
MSVOA_V
ClientSampleId :

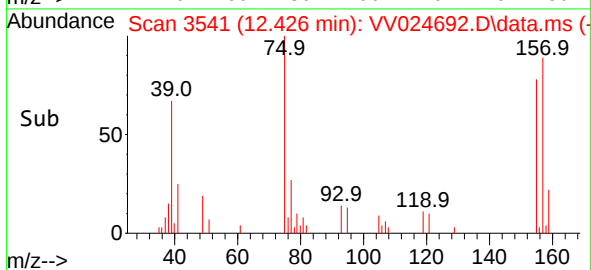
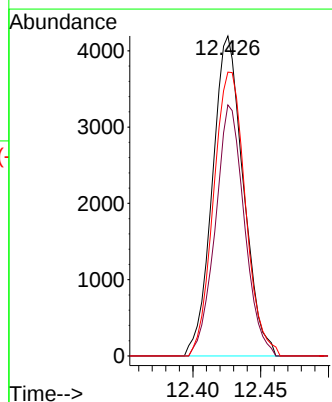
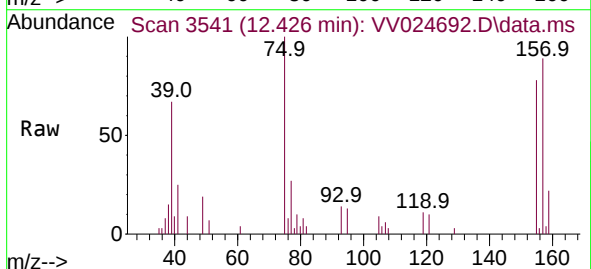


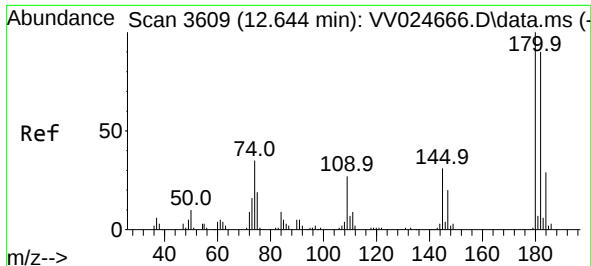
Tgt Ion:146 Resp: 127009
Ion Ratio Lower Upper
146 100
111 43.9 31.9 47.9
148 63.2 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.776 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV024692.D
Acq: 16 Feb 2022 10:53

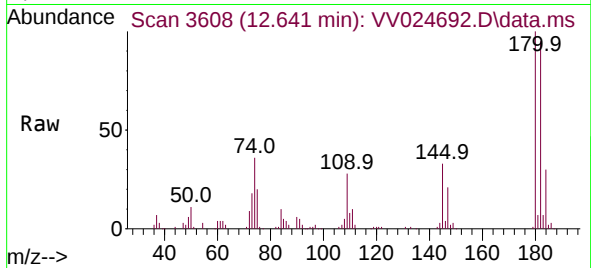
Tgt Ion: 75 Resp: 6651
Ion Ratio Lower Upper
75 100
155 78.5 71.7 107.5
157 88.7 103.3 154.9#



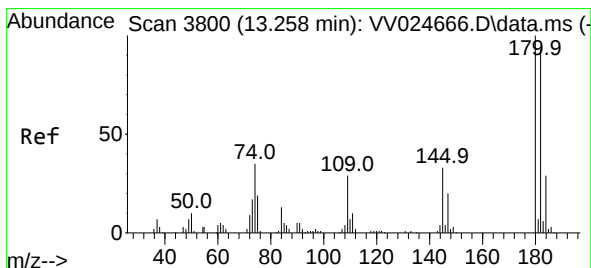
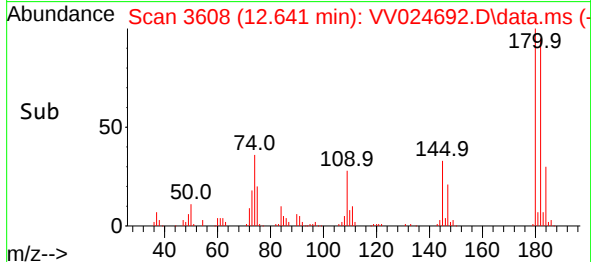
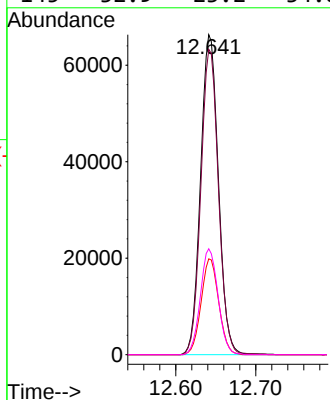


#69
 1,3,5-Trichlorobenzene
 Concen: 5.384 ug/L
 RT: 12.641 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV024692.D
 Acq: 16 Feb 2022 10:53

Instrument :
 MSVOA_V
 ClientSampleId :

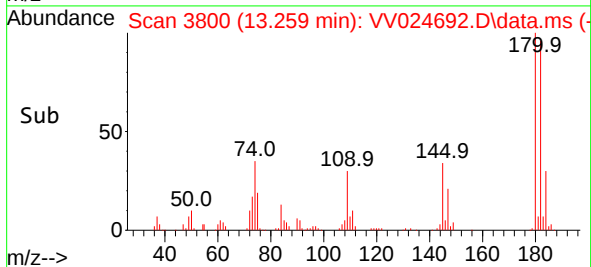
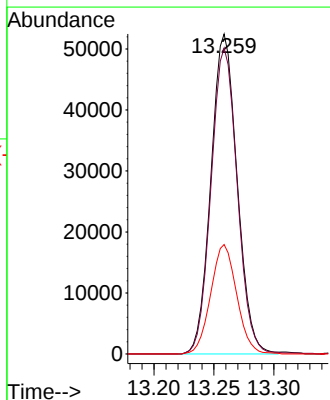
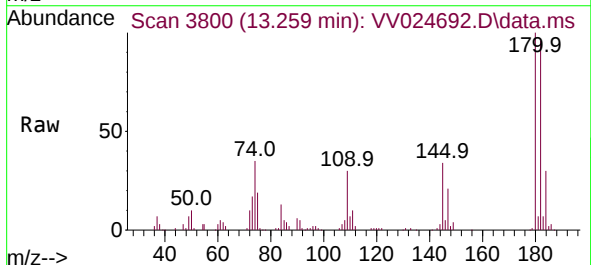


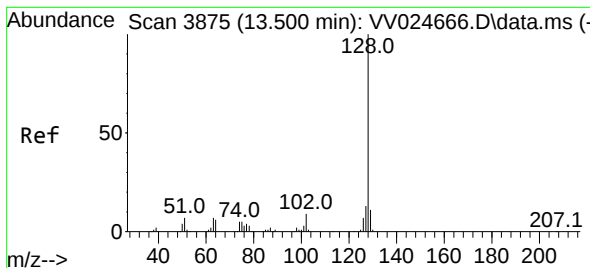
Tgt Ion:180 Resp: 102851
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.4 114.6
 184 29.7 24.2 36.4
 145 32.9 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.169 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV024692.D
 Acq: 16 Feb 2022 10:53

Tgt Ion:180 Resp: 79738
 Ion Ratio Lower Upper
 180 100
 182 95.5 74.4 111.6
 145 33.9 23.3 34.9





#71

Naphthalene

Concen: 4.665 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

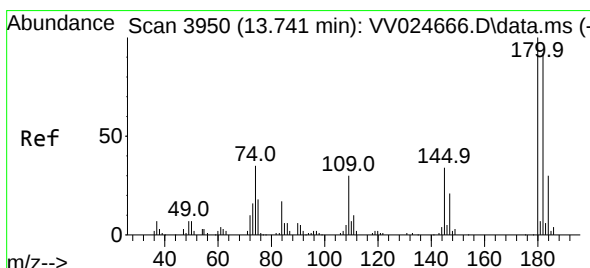
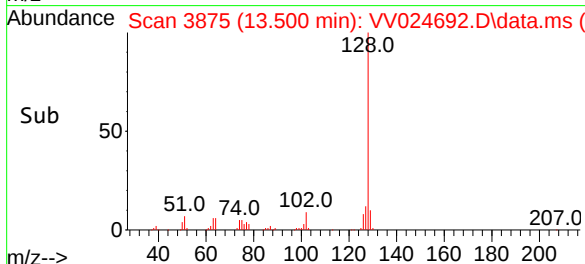
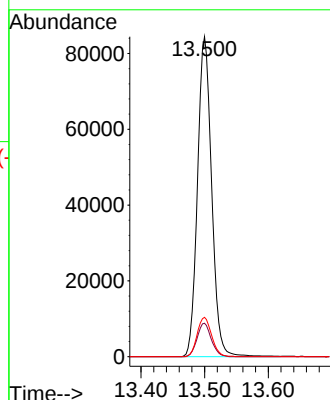
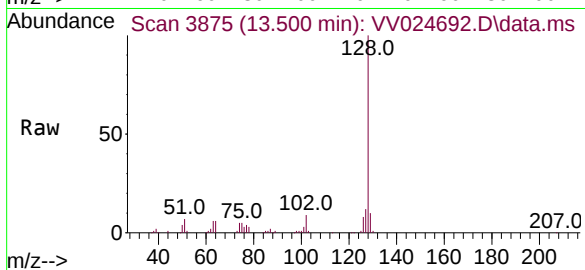
Tgt Ion:128 Resp: 130335

Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.4

127 12.6 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.162 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV024692.D

Acq: 16 Feb 2022 10:53

Tgt Ion:180 Resp: 66968

Ion Ratio Lower Upper

180 100

182 94.0 76.8 115.2

145 33.7 25.8 38.6

