

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021522\
 Data File : VW024690.D
 Acq On : 15 Feb 2022 23:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 16 03:43:23 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	5.619	114	116401	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	122456	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	65188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	40168	4.117	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.400%	
7) Chloroethane-d5	1.571	69	40684	4.932	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.600%	
11) 1,1-Dichloroethene-d2	2.114	63	99786	4.675	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.600%	
20) 2-Butanone-d5	3.895	46	97153	59.980	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.960%	
24) Chloroform-d	4.352	84	94063	5.478	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.600%	
26) 1,2-Dichloroethane-d4	5.037	65	43156	5.538	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.800%	
32) Benzene-d6	5.053	84	180040	5.182	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
36) 1,2-Dichloropropane-d6	6.072	67	54650	5.057	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.200%	
41) Toluene-d8	7.316	98	161494	4.984	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.600%	
43) trans-1,3-Dichloroprop...	7.622	79	21048	4.823	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.400%	
46) 2-Hexanone-d5	8.088	63	82012	53.341	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.680%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	36121	5.614	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	112.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	55463	5.278	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	90822	5.938	ug/L	99
3) Chloromethane	1.243	50	81656	5.426	ug/L	98
5) Vinyl chloride	1.314	62	89477	5.521	ug/L	99
6) Bromomethane	1.526	94	49439	4.955	ug/L	98
8) Chloroethane	1.590	64	58269	5.869	ug/L	99
9) Trichlorofluoromethane	1.757	101	129595	5.917	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	70653	5.786	ug/L	88
12) 1,1-Dichloroethene	2.124	96	68410	5.676	ug/L	93
13) Acetone	2.185	43	75620	59.159	ug/L	73
14) Carbon disulfide	2.301	76	198346	5.178	ug/L	100
15) Methyl Acetate	2.442	43	19796	5.415	ug/L	96
16) Methylene chloride	2.510	84	67065	5.617	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	136271	5.487	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	69098	5.836	ug/L	94
19) 1,1-Dichloroethane	3.194	63	123039	6.017	ug/L	99
21) 2-Butanone	3.976	43	126698	59.807	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	72343	6.061	ug/L	96
23) Bromochloromethane	4.252	128	28299	6.242	ug/L	91
25) Chloroform	4.378	83	127720	5.967	ug/L	98

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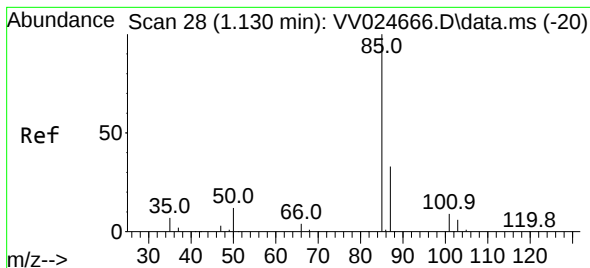
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	69525	5.925	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	114748	5.712	ug/L	97
30) Cyclohexane	4.680	56	114075	5.512	ug/L	97
31) Carbon tetrachloride	4.831	117	97829	5.750	ug/L	99
33) Benzene	5.101	78	281397	5.888	ug/L	100
34) Trichloroethene	5.915	95	74569	5.666	ug/L	90
35) Methylcyclohexane	6.133	83	120934	5.555	ug/L	97
37) 1,2-Dichloropropane	6.175	63	68281	5.894	ug/L	97
38) Bromodichloromethane	6.509	83	86467	5.616	ug/L #	98
39) cis-1,3-Dichloropropene	7.027	75	95242	5.395	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	327754	54.827	ug/L	98
42) Toluene	7.387	91	305260	5.863	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	76509	5.247	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	44374	5.911	ug/L	97
47) Tetrachloroethene	7.976	164	52223	5.981	ug/L	93
48) 2-Hexanone	8.136	43	228406	55.817	ug/L	96
49) Dibromochloromethane	8.246	129	51811	5.715	ug/L	100
50) 1,2-Dibromoethane	8.352	107	41508	5.891	ug/L #	96
51) Chlorobenzene	8.879	112	189126	5.927	ug/L	94
52) Ethylbenzene	9.011	91	335539	5.792	ug/L	99
53) m,p-xylene	9.136	106	128448	5.854	ug/L	96
54) o-xylene	9.541	106	125251	5.920	ug/L	99
55) Styrene	9.561	104	209523	6.032	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	47091	6.193	ug/L	99
59) Bromoform	9.731	173	23263	5.585	ug/L	99
60) Isopropylbenzene	9.931	105	338973	5.733	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	35418	5.511	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	285042	5.630	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	288430	5.731	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	142288	5.912	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	142332	5.954	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	127243	5.955	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6145	4.923	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.641	180	102249	5.972	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	80504	5.822	ug/L	96
71) Naphthalene	13.500	128	134078	5.354	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	67020	5.763	ug/L	97

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

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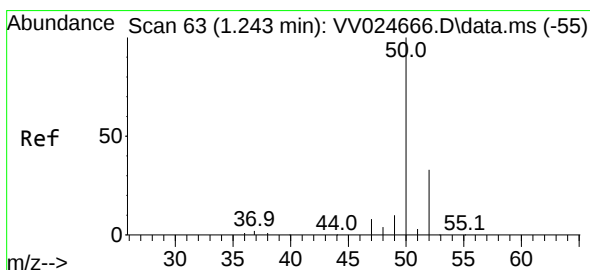
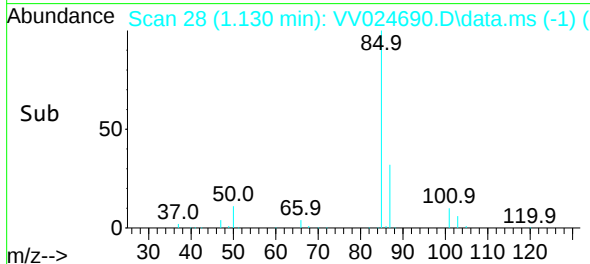
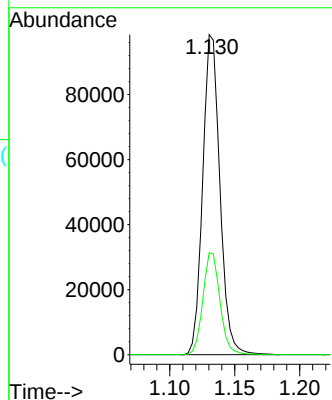
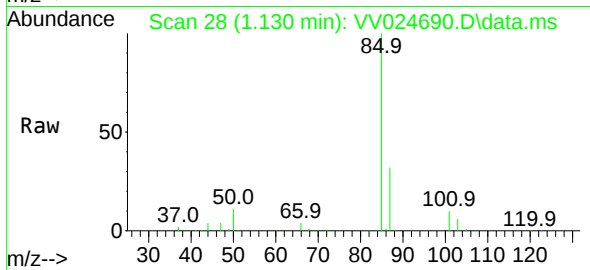




#2
 Dichlorodifluoromethane
 Concen: 5.938 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024690.D
 Acq: 15 Feb 2022 23:30

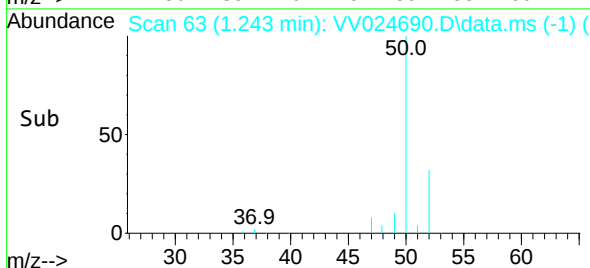
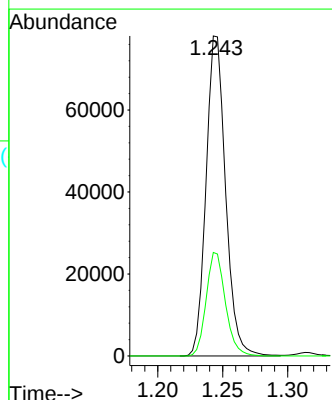
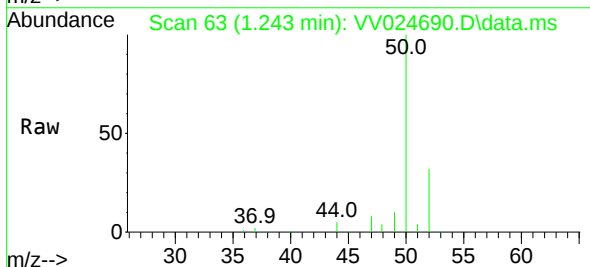
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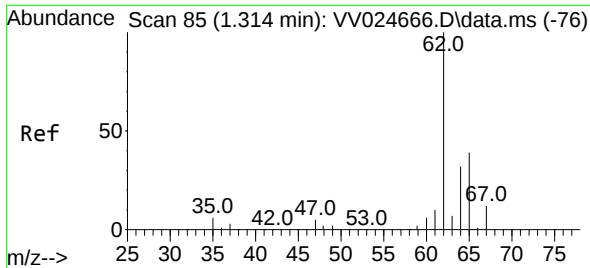
Tgt Ion: 85 Resp: 90822
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.0 39.0



#3
 Chloromethane
 Concen: 5.426 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024690.D
 Acq: 15 Feb 2022 23:30

Tgt Ion: 50 Resp: 81656
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.0 41.0

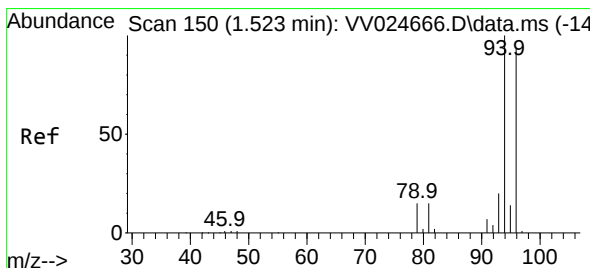
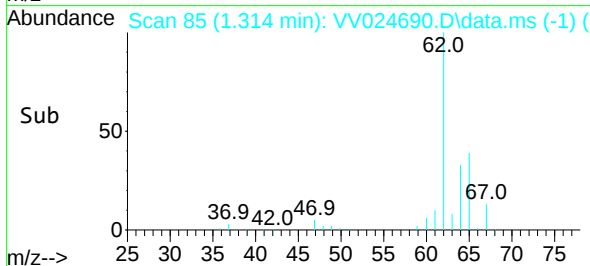
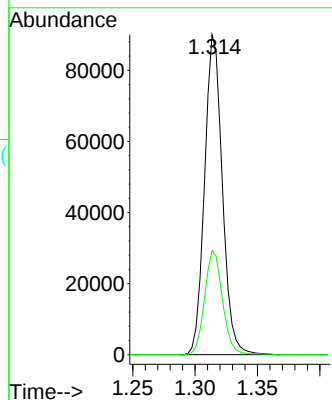
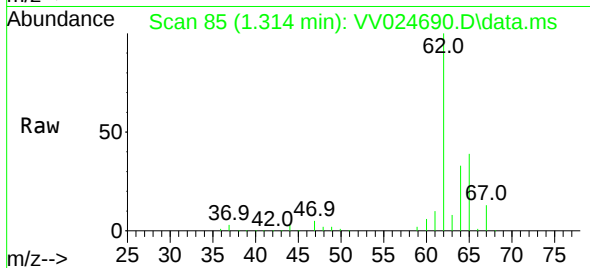




#5
 Vinyl chloride
 Concen: 5.521 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV024690.D
 Acq: 15 Feb 2022 23:30

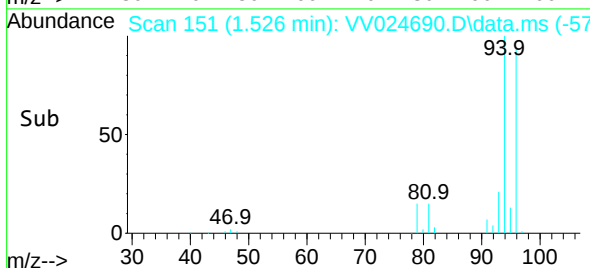
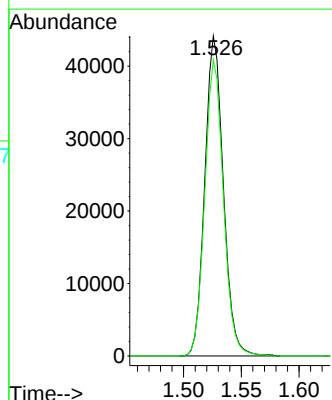
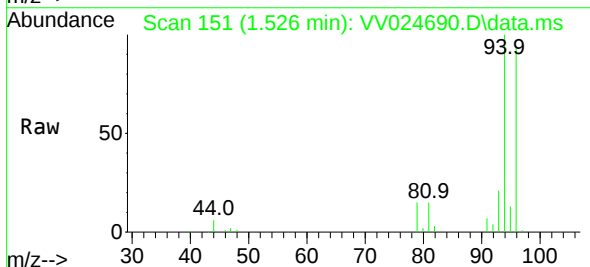
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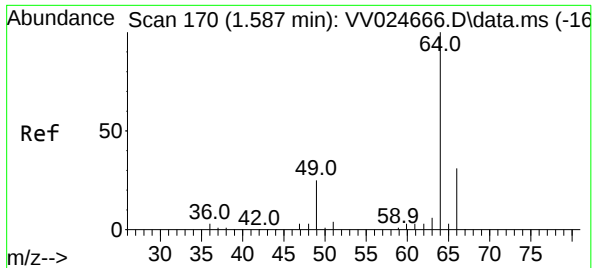
Tgt Ion: 62 Resp: 89477
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.4 41.6



#6
 Bromomethane
 Concen: 4.955 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV024690.D
 Acq: 15 Feb 2022 23:30

Tgt Ion: 94 Resp: 49439
 Ion Ratio Lower Upper
 94 100
 96 92.5 66.2 123.0

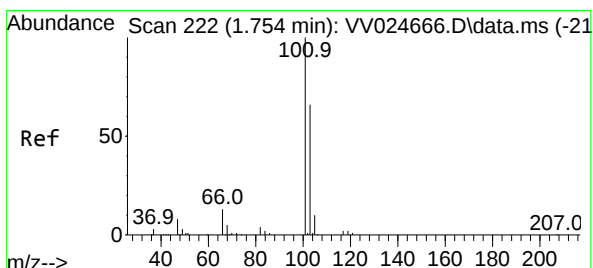
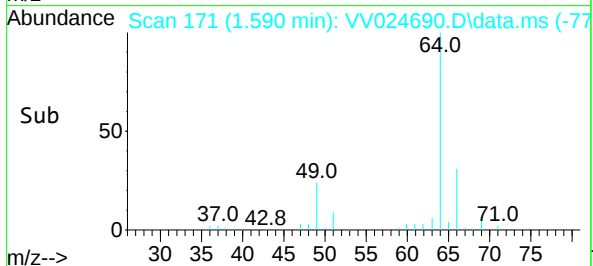
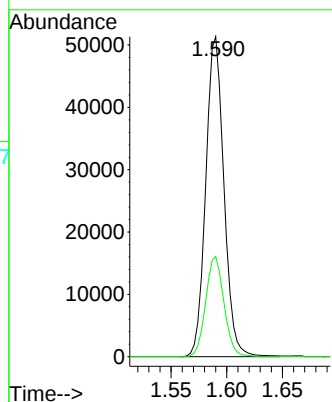
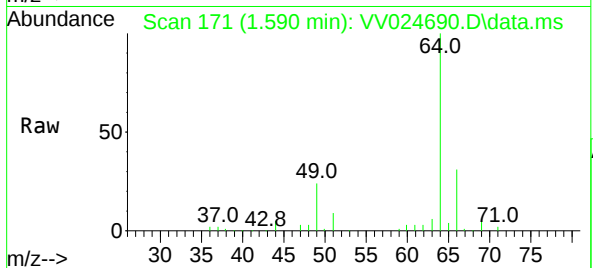




#8
Chloroethane
Concen: 5.869 ug/L
RT: 1.590 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

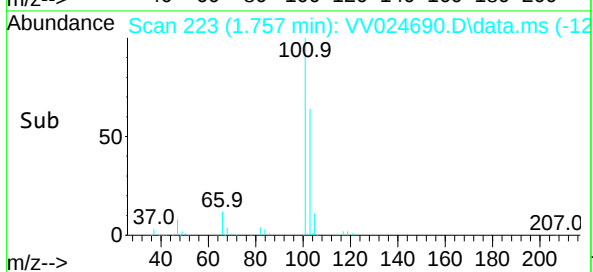
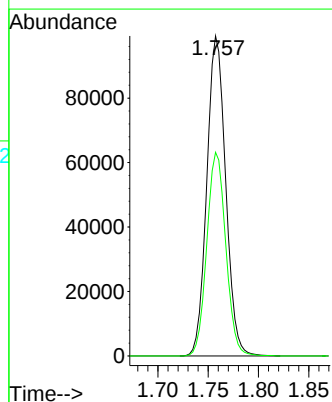
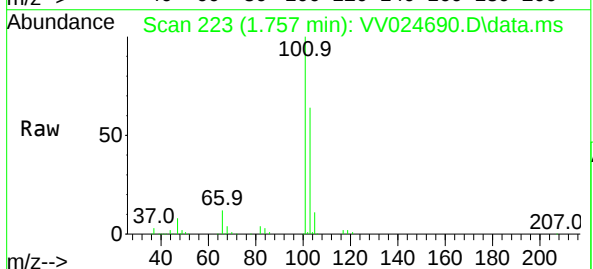
Instrument :
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ClientSampleId :

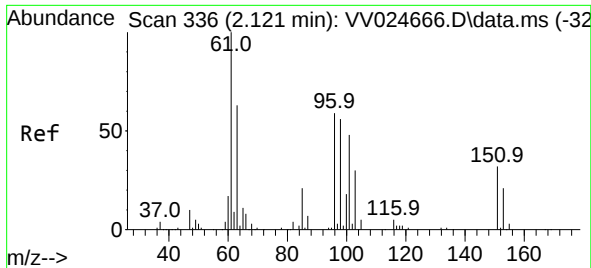
Tgt Ion: 64 Resp: 58269
Ion Ratio Lower Upper
64 100
66 31.3 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.917 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

Tgt Ion:101 Resp: 129595
Ion Ratio Lower Upper
101 100
103 64.0 51.6 77.4

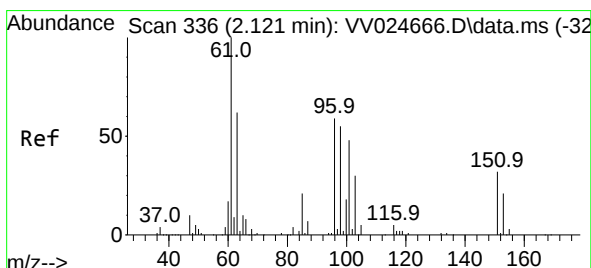
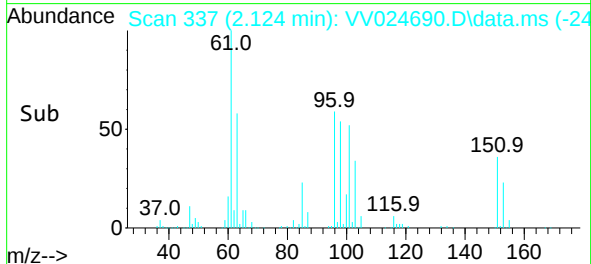
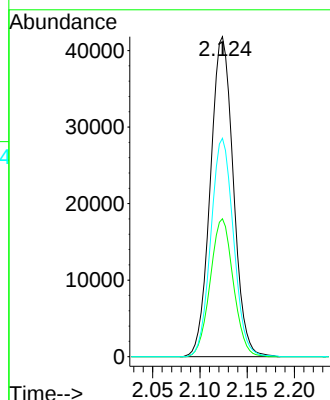
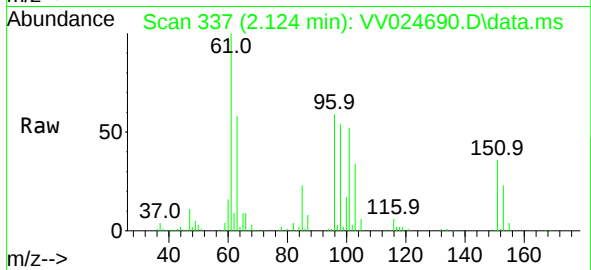




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.786 ug/L
 RT: 2.124 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV024690.D
 Acq: 15 Feb 2022 23:30

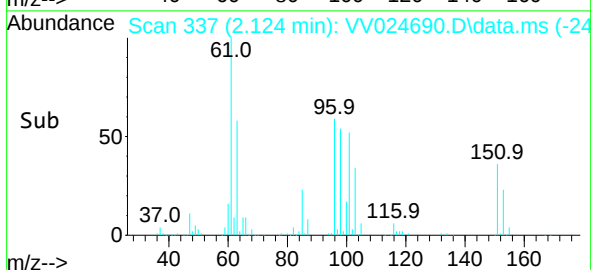
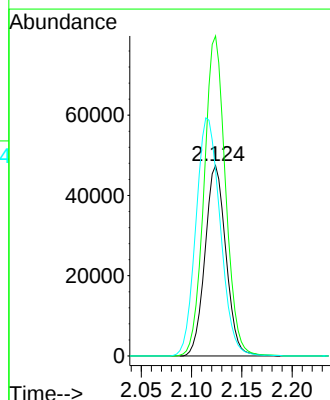
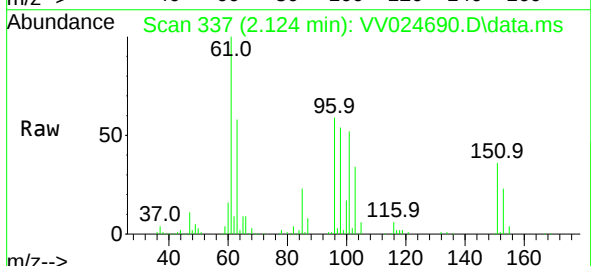
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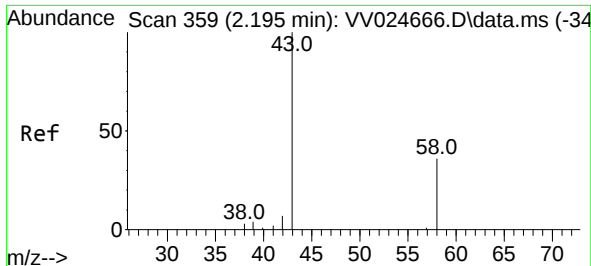
Tgt Ion:101 Resp: 70653
 Ion Ratio Lower Upper
 101 100
 85 43.4 36.0 54.0
 151 67.5 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.676 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VV024690.D
 Acq: 15 Feb 2022 23:30

Tgt Ion: 96 Resp: 68410
 Ion Ratio Lower Upper
 96 100
 61 168.1 116.1 215.5
 63 97.6 79.4 147.4





#13

Acetone

Concen: 59.159 ug/L

RT: 2.185 min Scan# 3

Delta R.T. -0.010 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

Instrument :

MSVOA_V

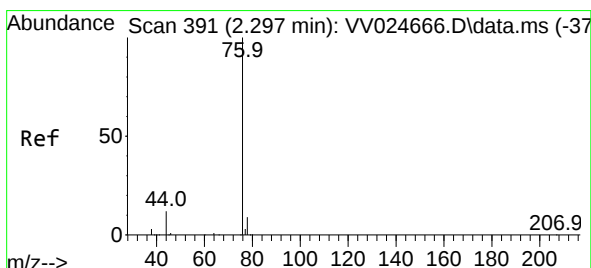
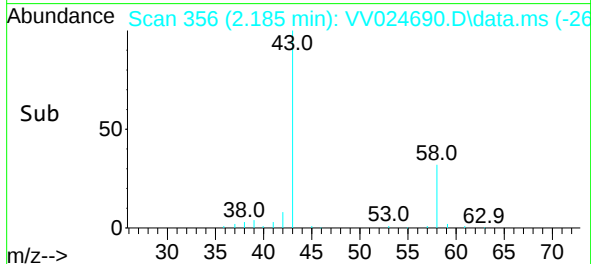
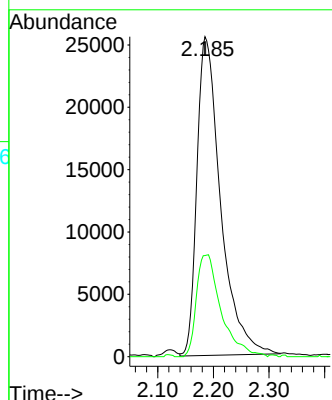
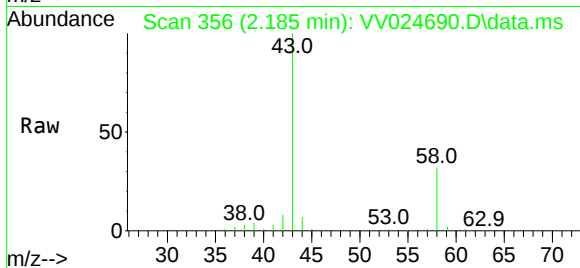
ClientSampleId :

Tgt Ion: 43 Resp: 75620

Ion Ratio Lower Upper

43 100

58 33.1 0.0 41.4



#14

Carbon disulfide

Concen: 5.178 ug/L

RT: 2.301 min Scan# 392

Delta R.T. 0.003 min

Lab File: VV024690.D

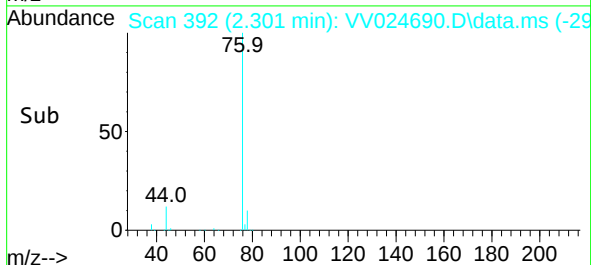
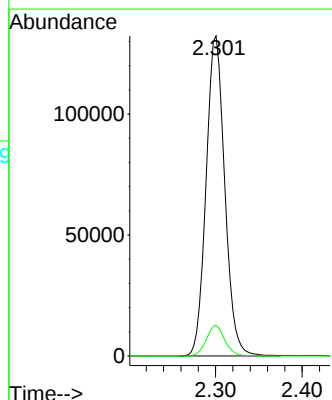
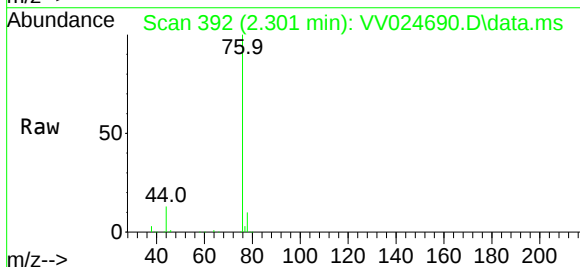
Acq: 15 Feb 2022 23:30

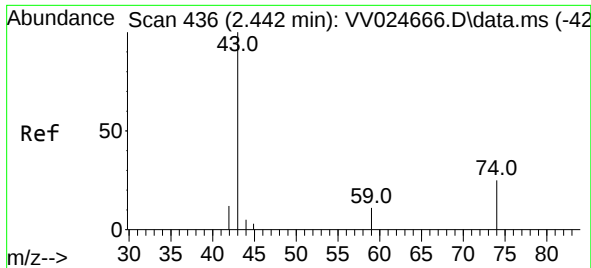
Tgt Ion: 76 Resp: 198346

Ion Ratio Lower Upper

76 100

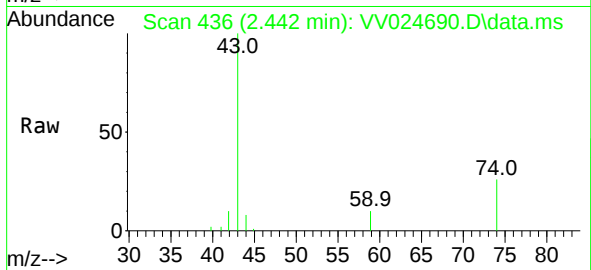
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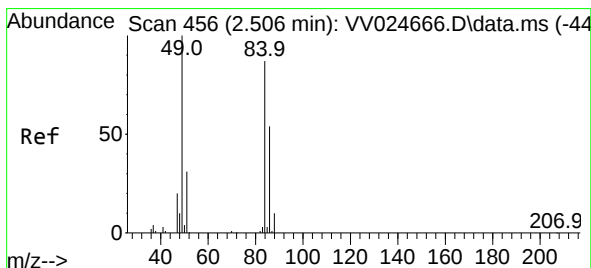
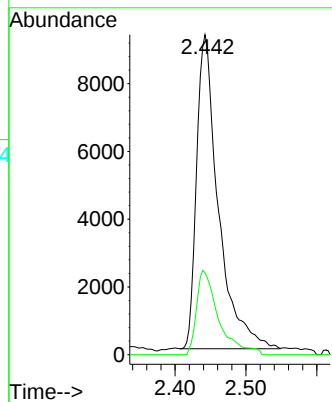
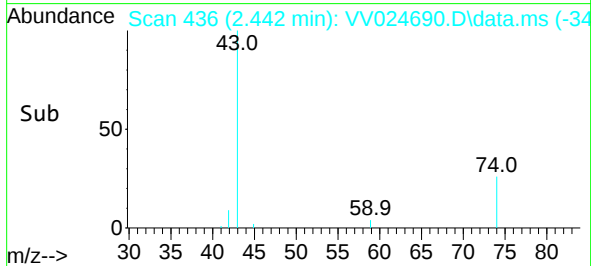


#15
Methyl Acetate
Concen: 5.415 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

Instrument :
MSVOA_V
ClientSampleId :

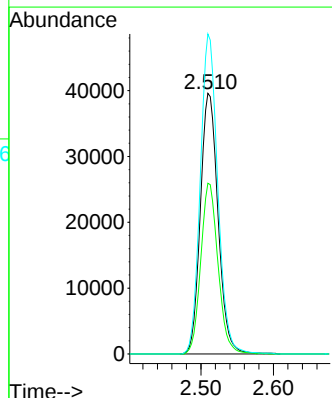
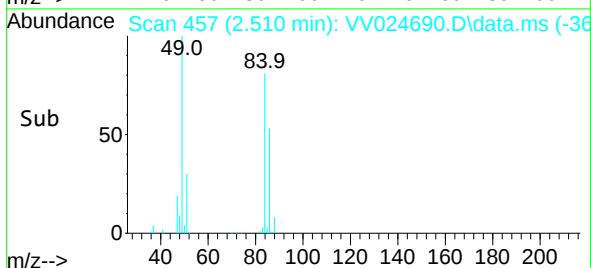
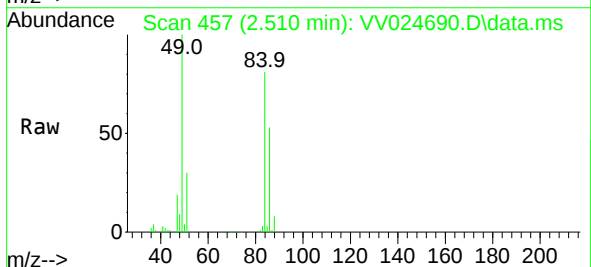


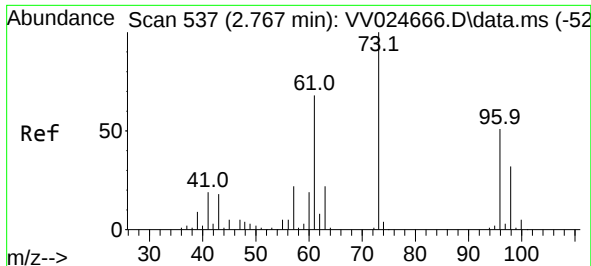
Tgt Ion: 43 Resp: 19796
Ion Ratio Lower Upper
43 100
74 27.1 20.2 30.2



#16
Methylene chloride
Concen: 5.617 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

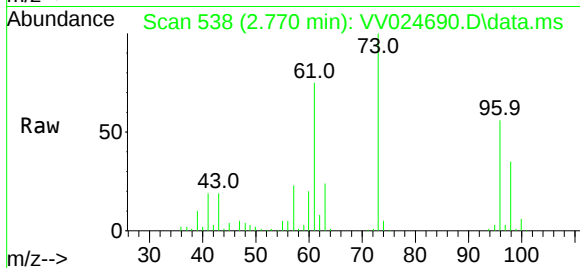
Tgt Ion: 84 Resp: 67065
Ion Ratio Lower Upper
84 100
86 65.5 42.6 79.0
49 122.8 79.7 147.9



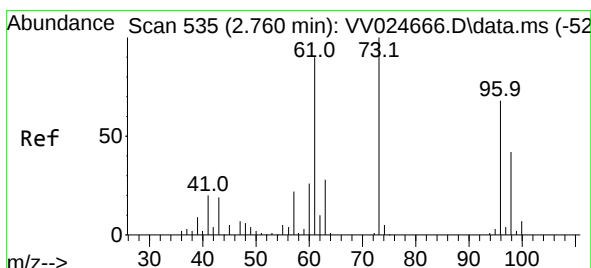
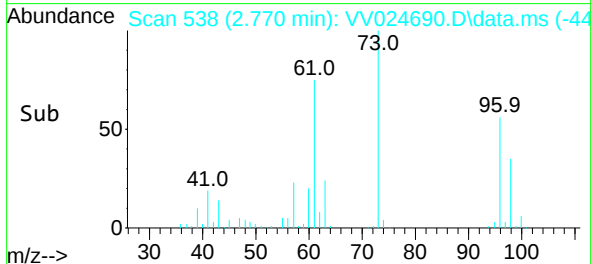
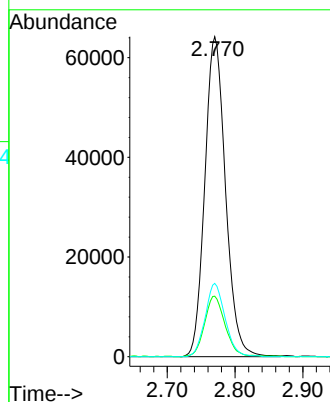


#17
Methyl tert-butyl Ether
Concen: 5.487 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

Instrument :
MSVOA_V
ClientSampleId :

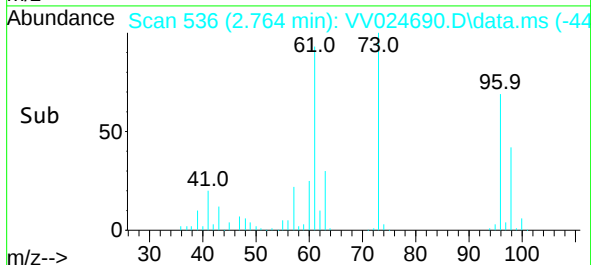
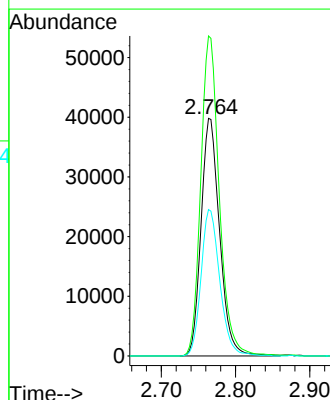
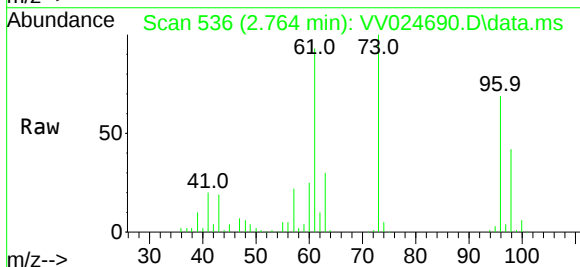


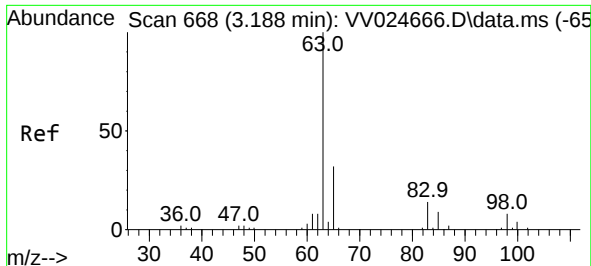
Tgt Ion: 73 Resp: 136271
Ion Ratio Lower Upper
73 100
43 18.9 15.5 23.3
57 22.1 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.836 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

Tgt Ion: 96 Resp: 69098
Ion Ratio Lower Upper
96 100
61 134.7 88.2 163.8
98 61.6 44.9 83.5





#19

1,1-Dichloroethane

Concen: 6.017 ug/L

RT: 3.194 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

Instrument :

MSVOA_V

ClientSampleId :

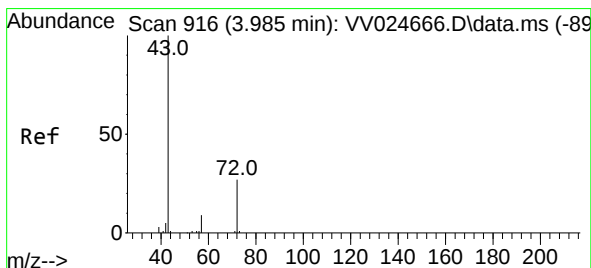
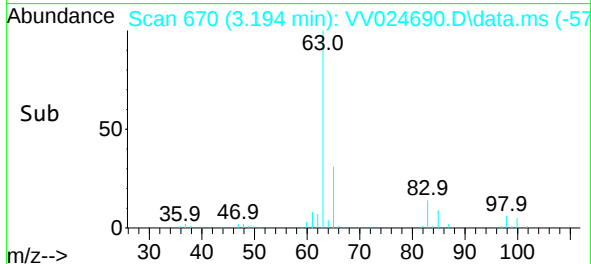
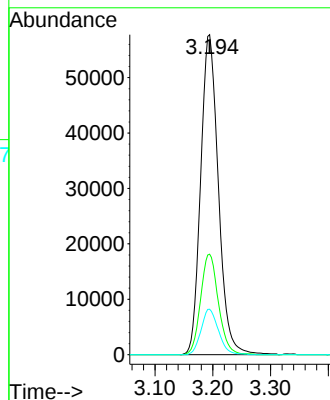
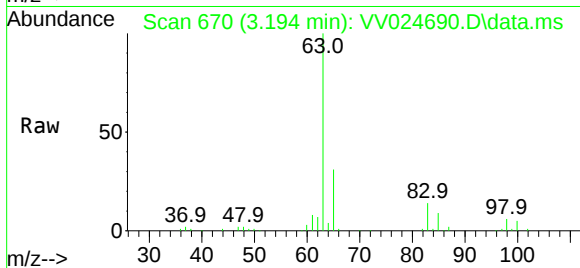
Tgt Ion: 63 Resp: 123039

Ion Ratio Lower Upper

63 100

65 31.4 22.3 41.3

83 14.2 10.7 19.9



#21

2-Butanone

Concen: 59.807 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.010 min

Lab File: VV024690.D

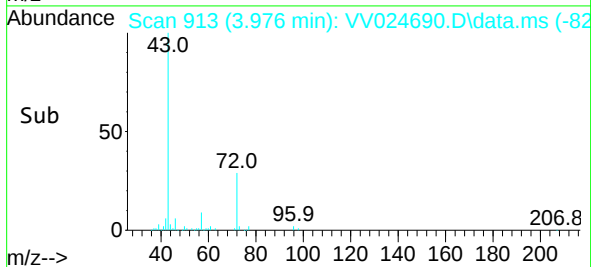
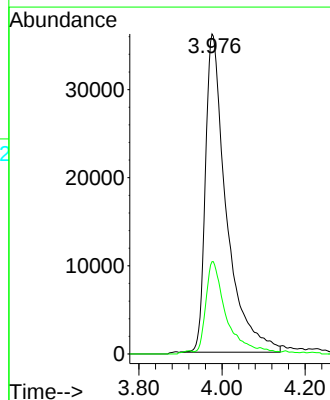
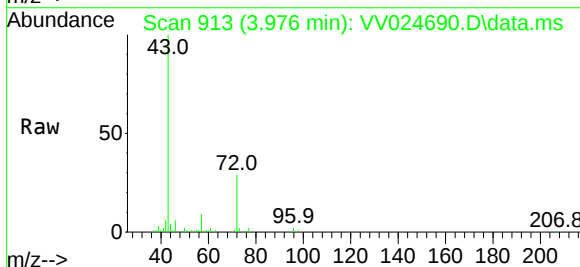
Acq: 15 Feb 2022 23:30

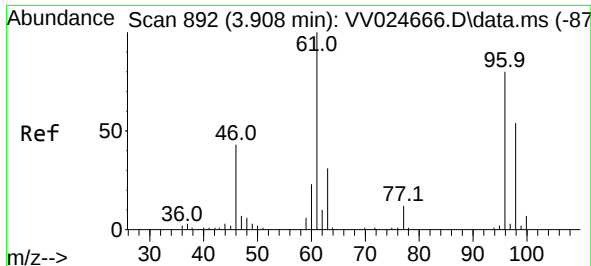
Tgt Ion: 43 Resp: 126698

Ion Ratio Lower Upper

43 100

72 26.0 11.1 33.1





#22

cis-1,2-Dichloroethene

Concen: 6.061 ug/L

RT: 3.915 min Scan# 892

Delta R.T. 0.006 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

Instrument :

MSVOA_V

ClientSampleId :

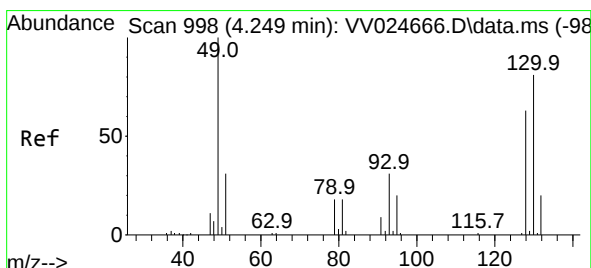
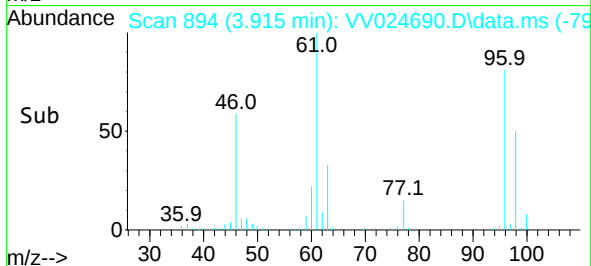
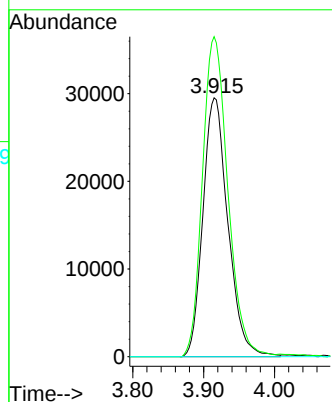
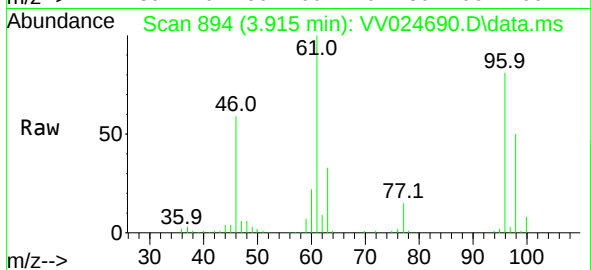
Tgt Ion: 96 Resp: 72343

Ion Ratio Lower Upper

96 100

61 123.6 83.4 154.8

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 6.242 ug/L

RT: 4.252 min Scan# 999

Delta R.T. 0.003 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

Tgt Ion: 128 Resp: 28299

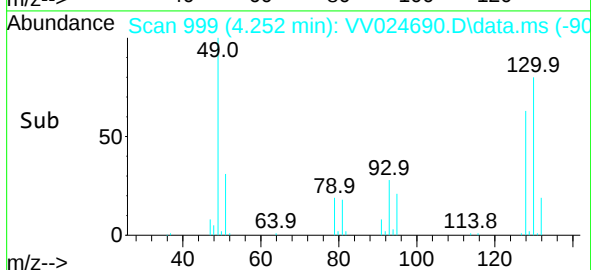
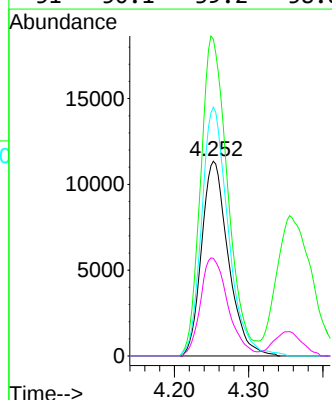
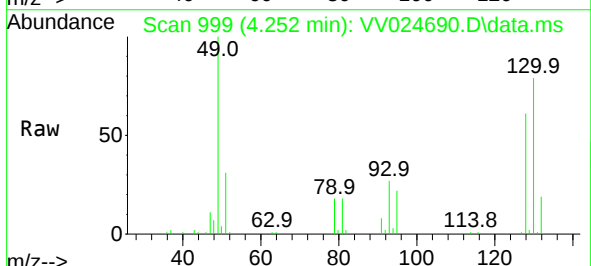
Ion Ratio Lower Upper

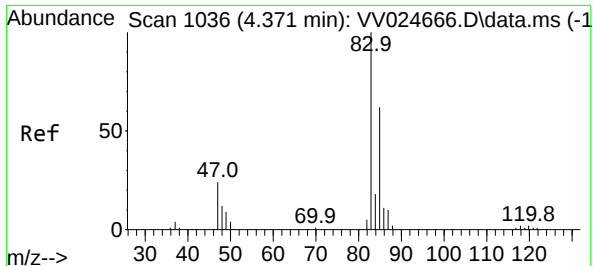
128 100

49 162.6 100.2 186.2

130 127.7 92.5 171.7

51 50.1 39.2 58.8

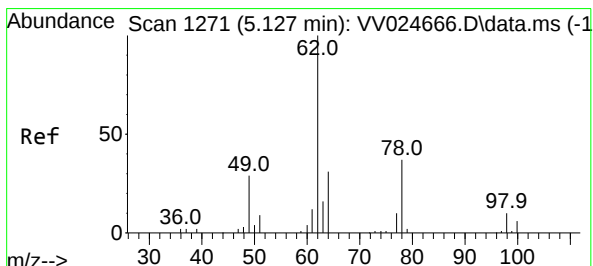
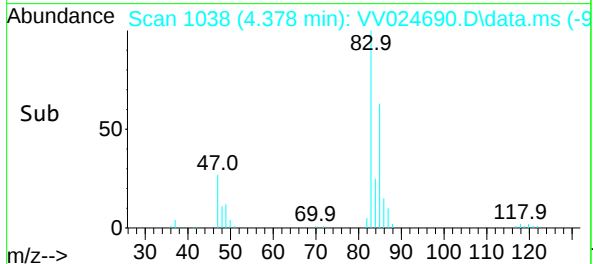
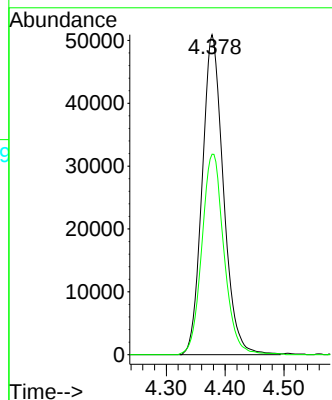
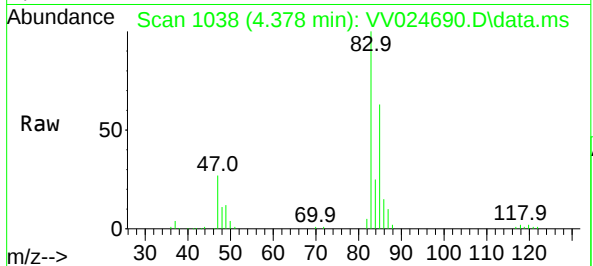




#25
Chloroform
Concen: 5.967 ug/L
RT: 4.378 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

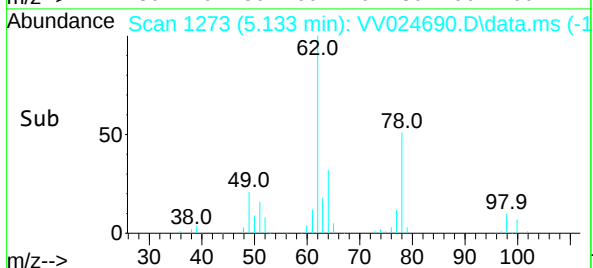
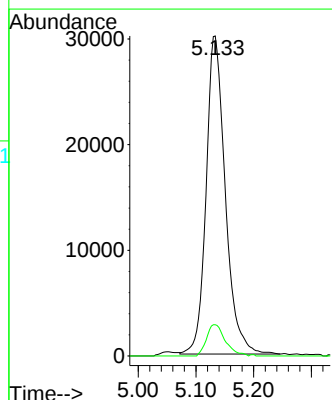
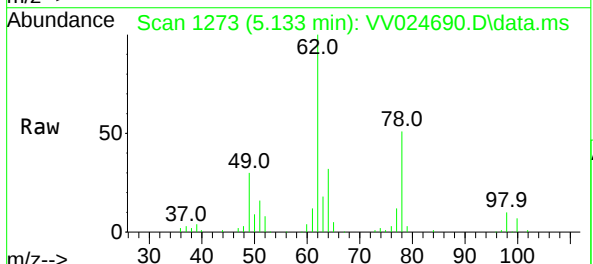
Instrument :
MSVOA_V
ClientSampleId :

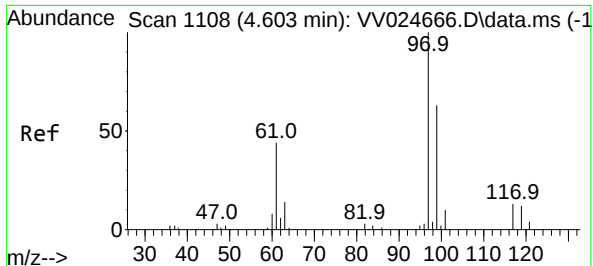
Tgt Ion: 83 Resp: 127720
Ion Ratio Lower Upper
83 100
85 62.7 45.2 84.0



#27
1,2-Dichloroethane
Concen: 5.925 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.006 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

Tgt Ion: 62 Resp: 69525
Ion Ratio Lower Upper
62 100
98 9.8 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.712 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

Instrument :

MSVOA_V

ClientSampleId :

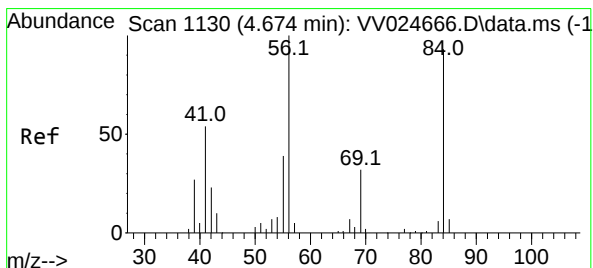
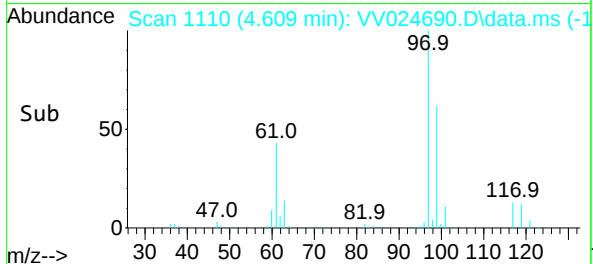
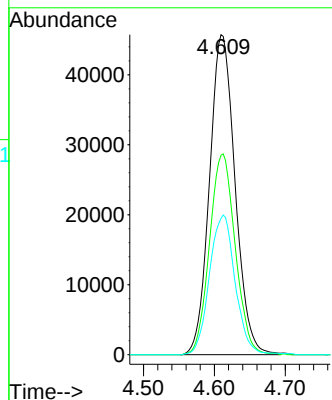
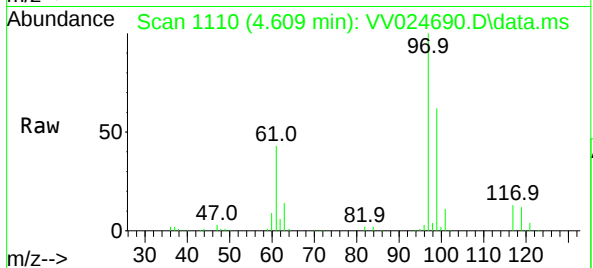
Tgt Ion: 97 Resp: 114748

Ion Ratio Lower Upper

97 100

99 63.1 51.9 77.9

61 44.1 33.2 49.8



#30

Cyclohexane

Concen: 5.512 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

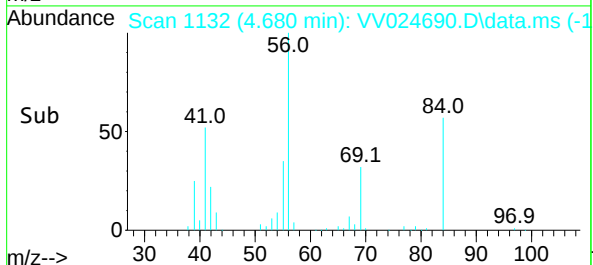
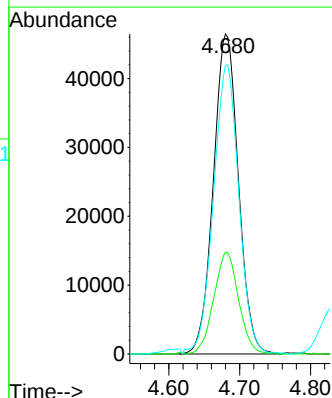
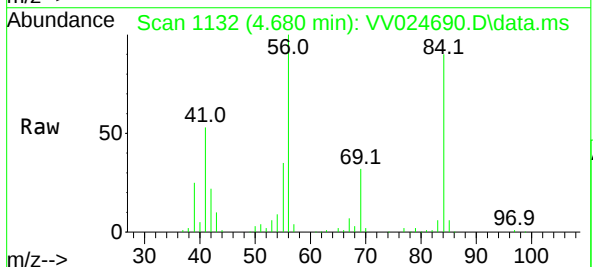
Tgt Ion: 56 Resp: 114075

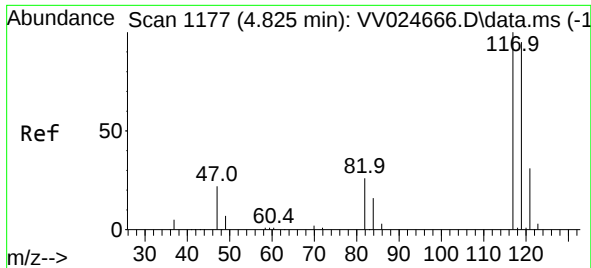
Ion Ratio Lower Upper

56 100

69 31.6 24.8 37.2

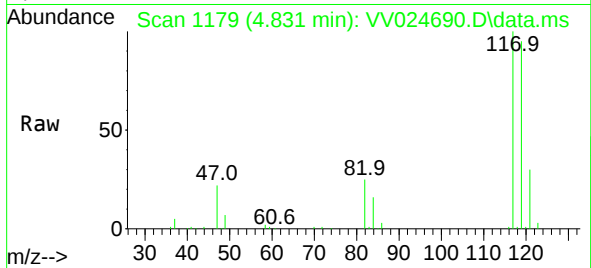
84 92.0 75.9 113.9



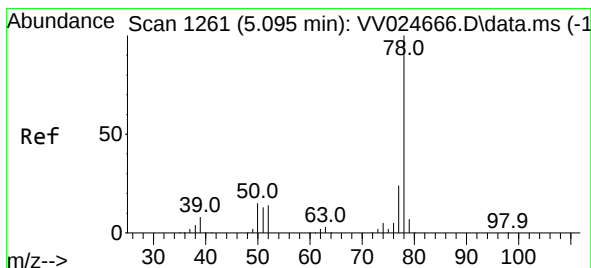
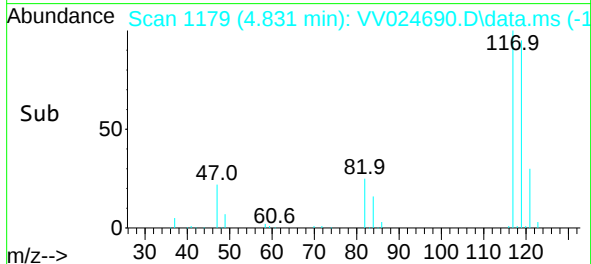
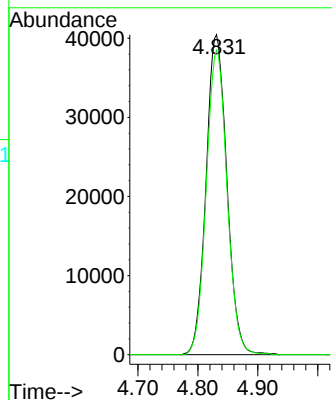


#31
Carbon tetrachloride
Concen: 5.750 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

Instrument :
MSVOA_V
ClientSampleId :

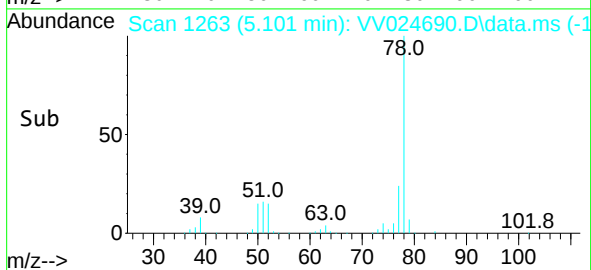
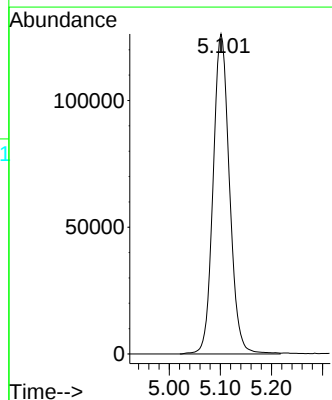
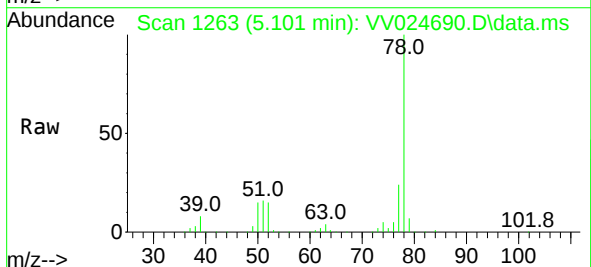


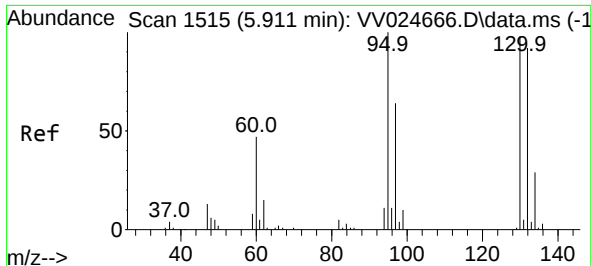
Tgt Ion:117 Resp: 97829
Ion Ratio Lower Upper
117 100
119 94.5 76.6 114.8



#33
Benzene
Concen: 5.888 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

Tgt Ion: 78 Resp: 281397

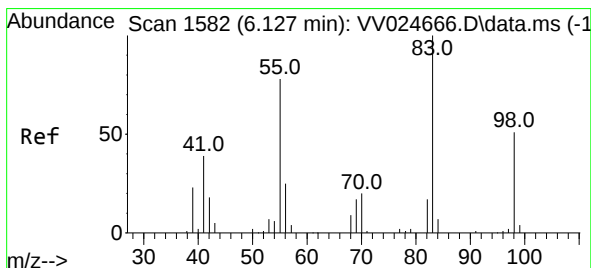
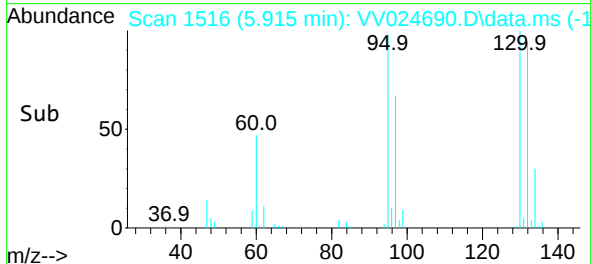
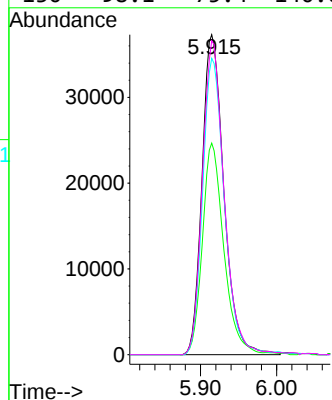
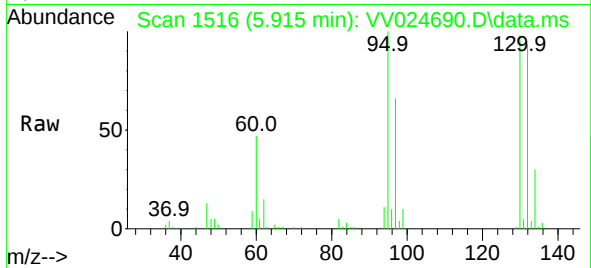




#34
Trichloroethene
Concen: 5.666 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

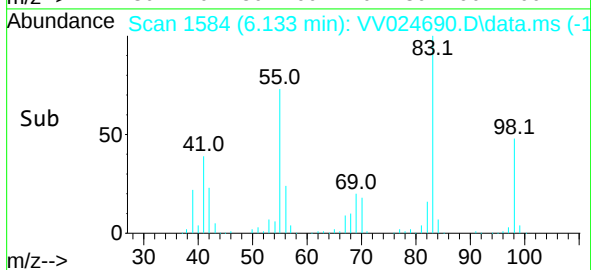
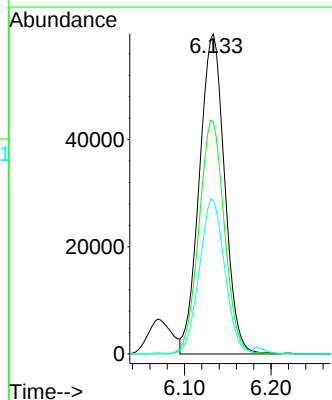
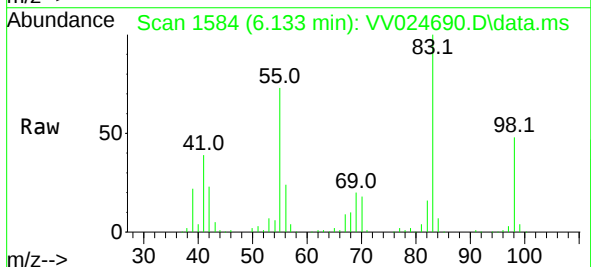
Instrument :
MSVOA_V
ClientSampleId :

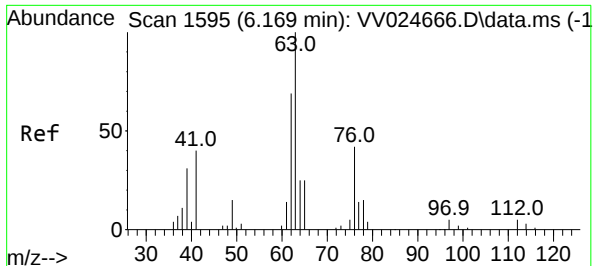
Tgt Ion: 95 Resp: 74569
Ion Ratio Lower Upper
95 100
97 66.1 45.2 84.0
132 92.6 76.1 141.3
130 98.1 75.4 140.0



#35
Methylcyclohexane
Concen: 5.555 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

Tgt Ion: 83 Resp: 120934
Ion Ratio Lower Upper
83 100
55 73.5 60.2 90.2
98 48.3 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.894 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

Instrument :

MSVOA_V

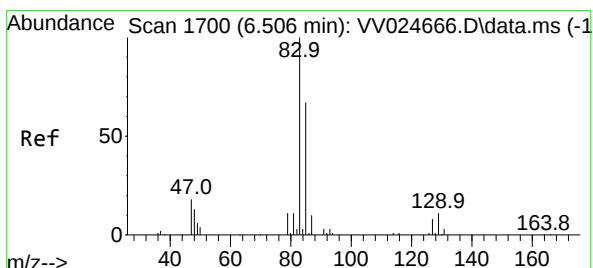
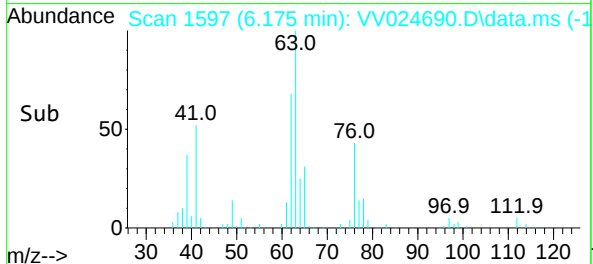
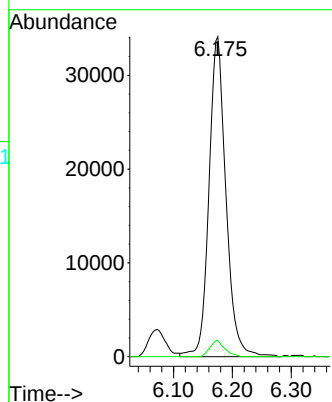
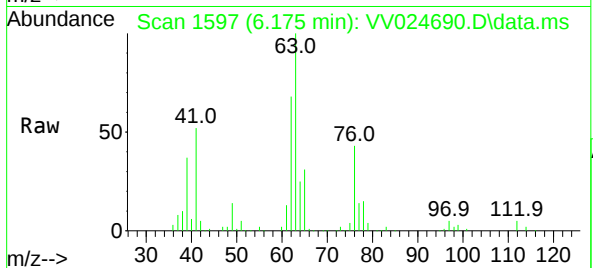
ClientSampleId :

Tgt Ion: 63 Resp: 68281

Ion Ratio Lower Upper

63 100

112 4.4 4.3 6.5



#38

Bromodichloromethane

Concen: 5.616 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

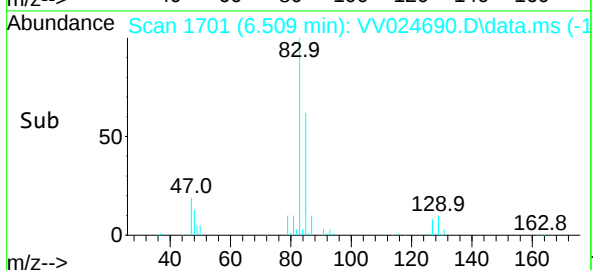
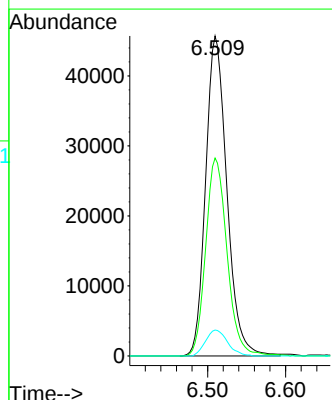
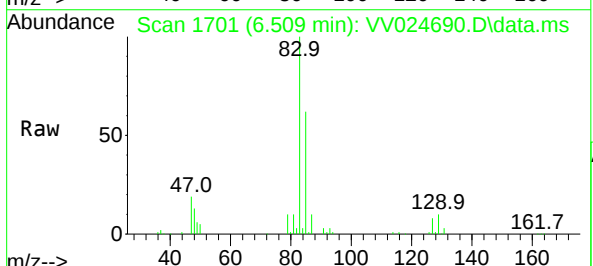
Tgt Ion: 83 Resp: 86467

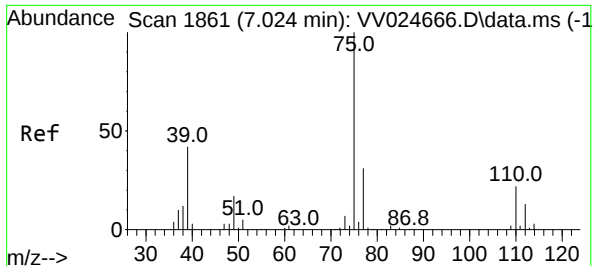
Ion Ratio Lower Upper

83 100

85 61.9 44.0 81.8

127 8.1 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 5.395 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

Instrument :

MSVOA_V

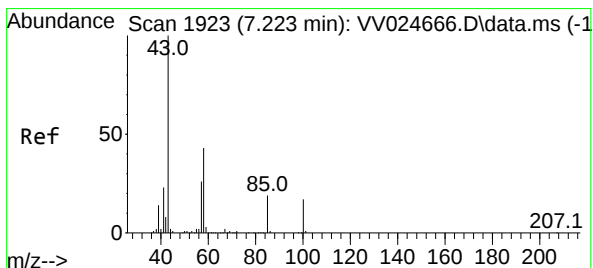
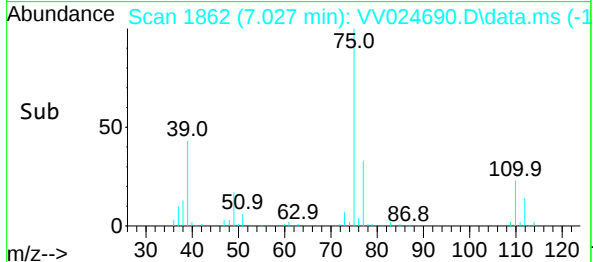
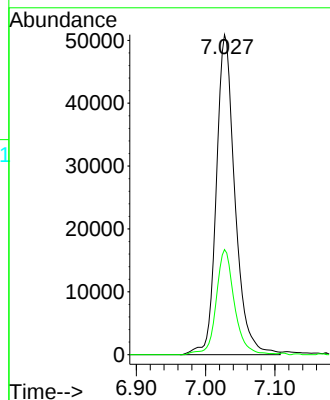
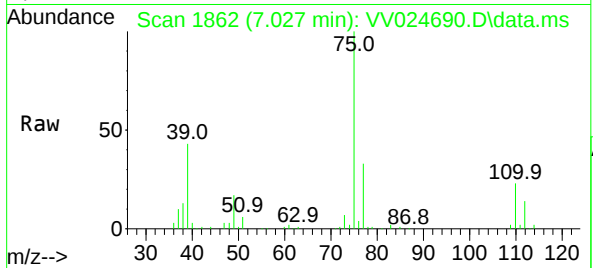
ClientSampleId :

Tgt Ion: 75 Resp: 95242

Ion Ratio Lower Upper

75 100

77 32.8 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 54.827 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

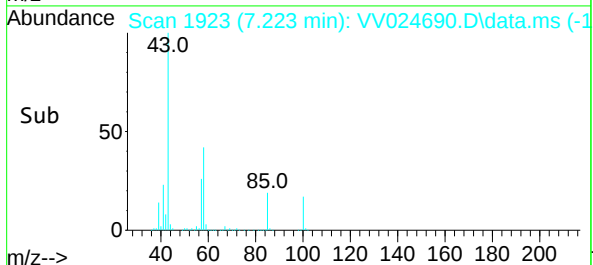
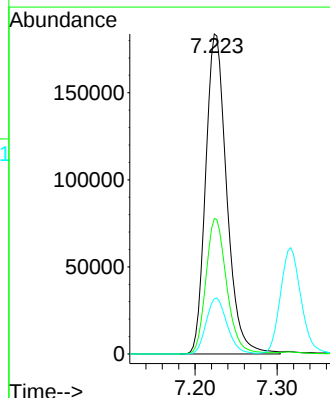
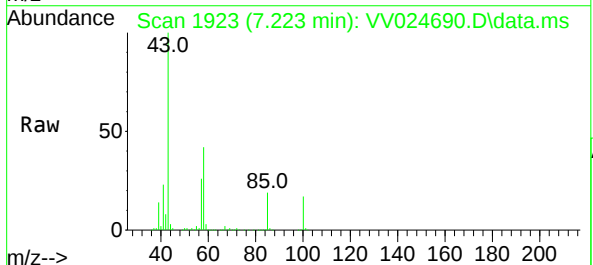
Tgt Ion: 43 Resp: 327754

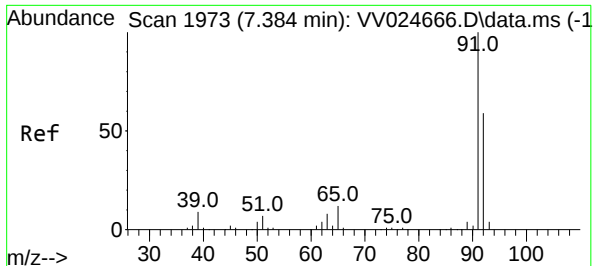
Ion Ratio Lower Upper

43 100

58 41.8 32.3 48.5

100 17.3 13.0 19.6





#42

Toluene

Concen: 5.863 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

Instrument :

MSVOA_V

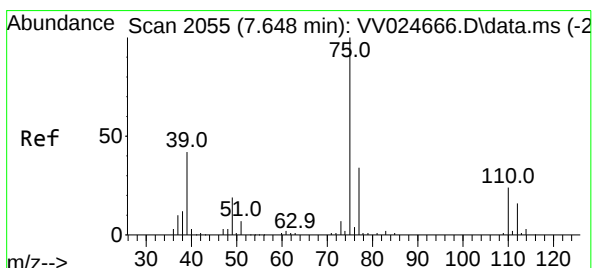
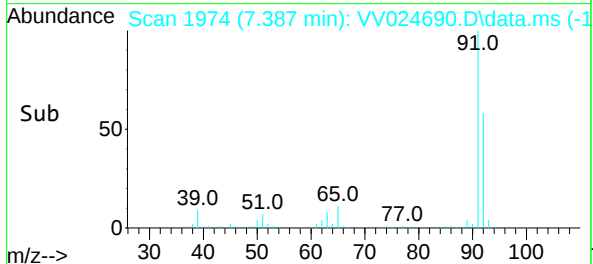
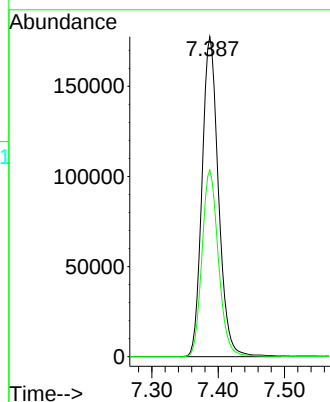
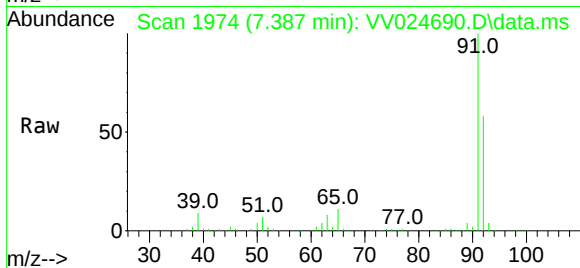
ClientSampleId :

Tgt Ion: 91 Resp: 305260

Ion Ratio Lower Upper

91 100

92 58.3 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.247 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV024690.D

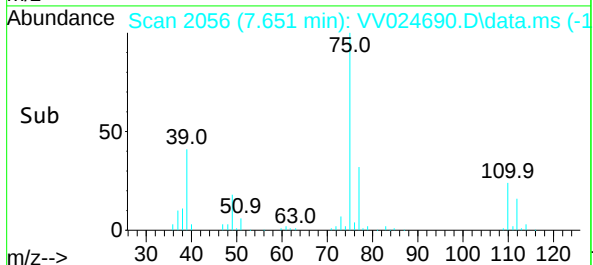
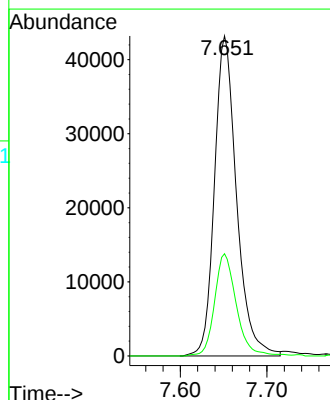
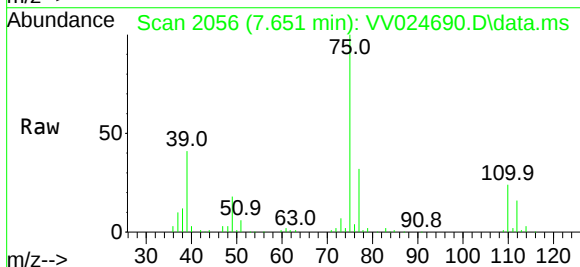
Acq: 15 Feb 2022 23:30

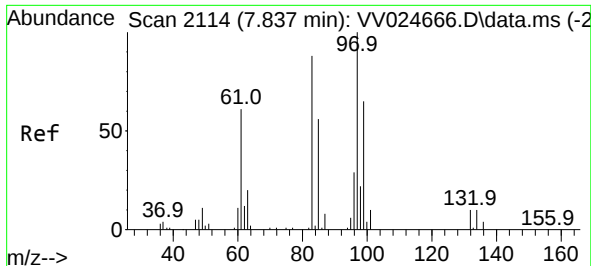
Tgt Ion: 75 Resp: 76509

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.911 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 44374

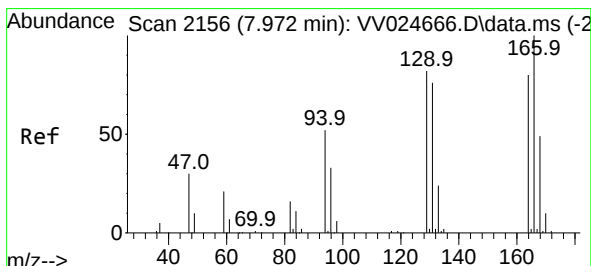
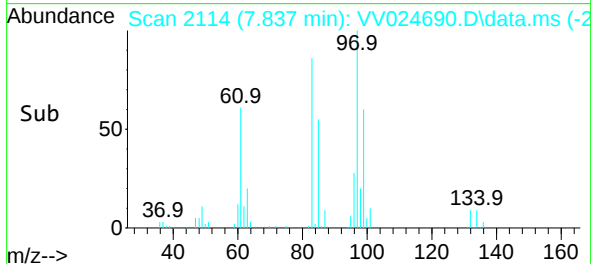
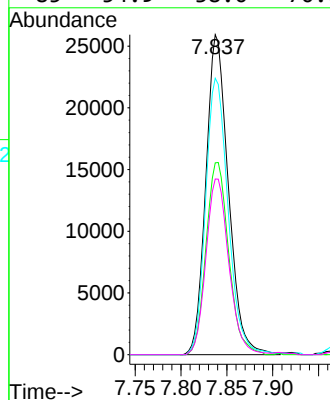
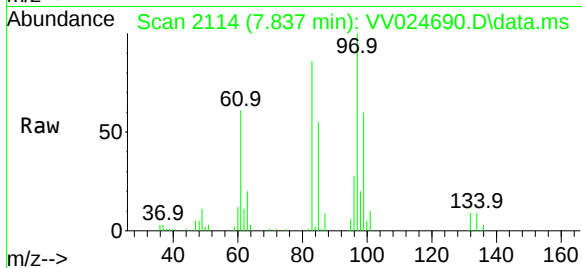
Ion Ratio Lower Upper

97 100

99 60.0 43.1 80.1

83 86.4 57.9 107.5

85 54.9 38.0 70.6



#47

Tetrachloroethene

Concen: 5.981 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

Tgt Ion:164 Resp: 52223

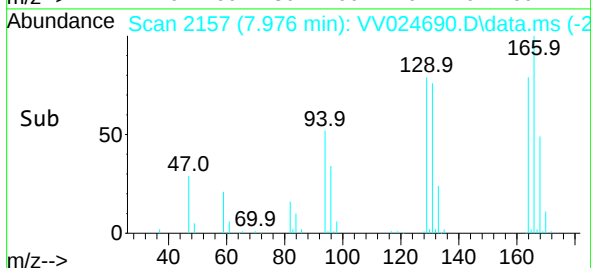
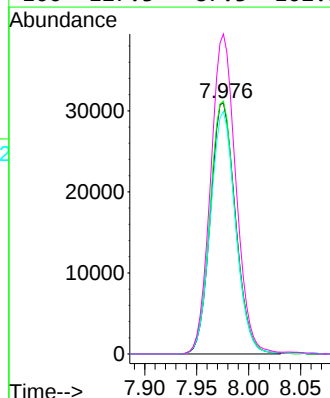
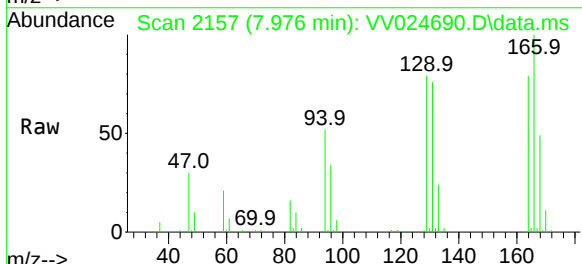
Ion Ratio Lower Upper

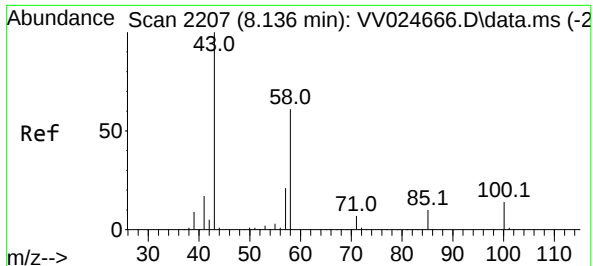
164 100

129 100.6 62.6 116.2

131 96.5 61.0 113.4

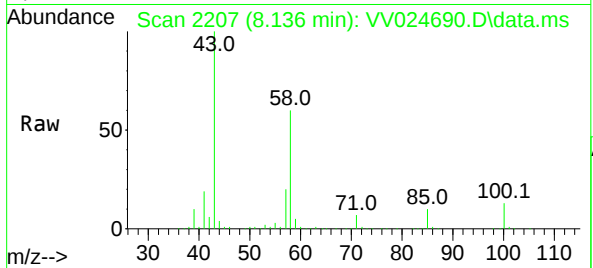
166 127.3 87.3 162.1



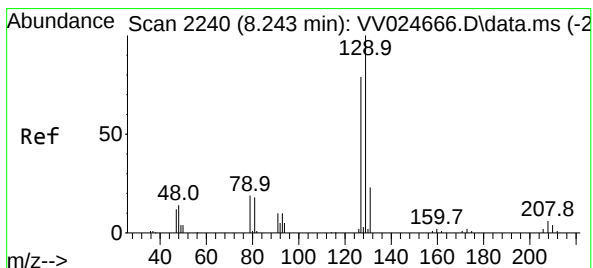
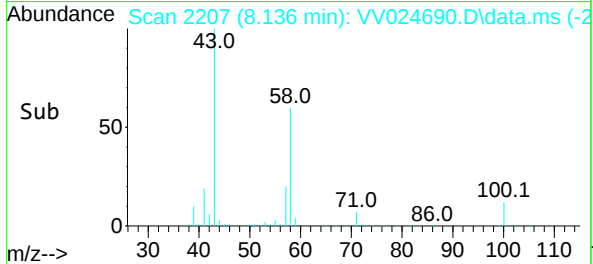
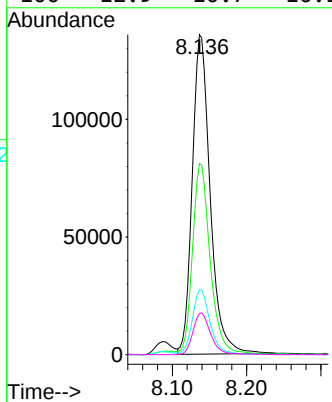


#48
2-Hexanone
Concen: 55.817 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

Instrument :
MSVOA_V
ClientSampleId :

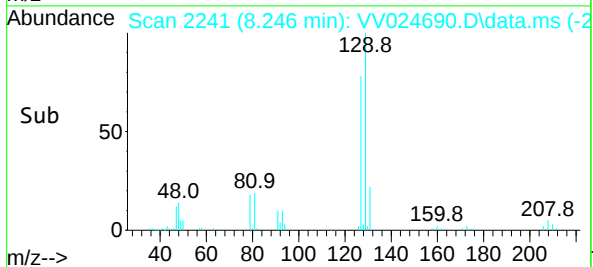
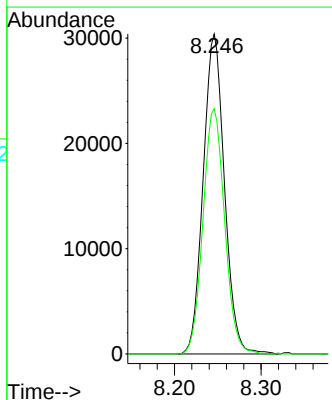
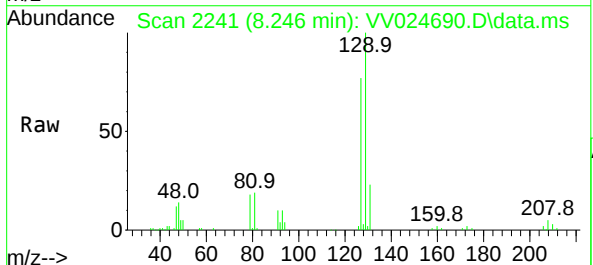


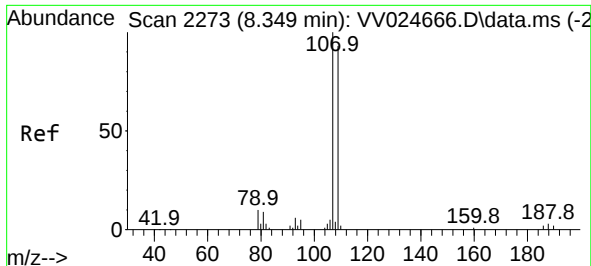
Tgt Ion: 43 Resp: 228406
Ion Ratio Lower Upper
43 100
58 58.9 44.5 66.7
57 19.9 15.1 22.7
100 12.9 10.7 16.1



#49
Dibromochloromethane
Concen: 5.715 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

Tgt Ion: 129 Resp: 51811
Ion Ratio Lower Upper
129 100
127 76.6 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.891 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

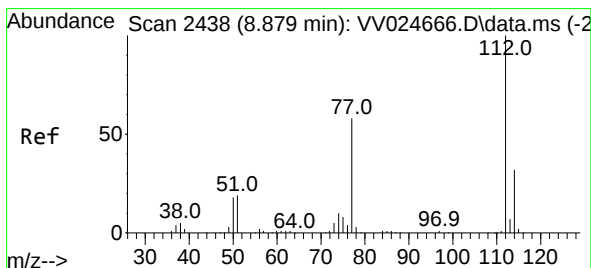
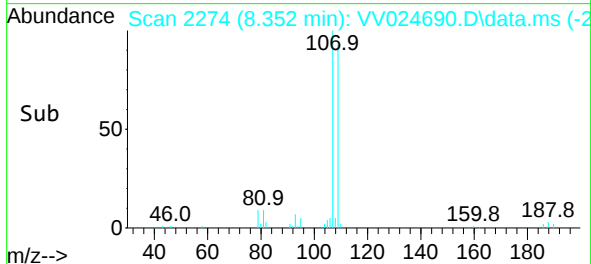
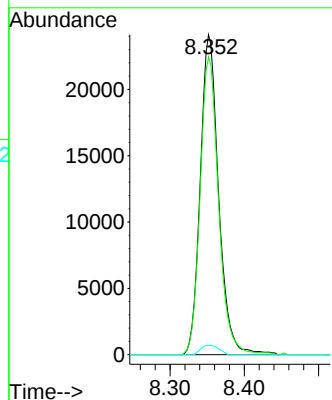
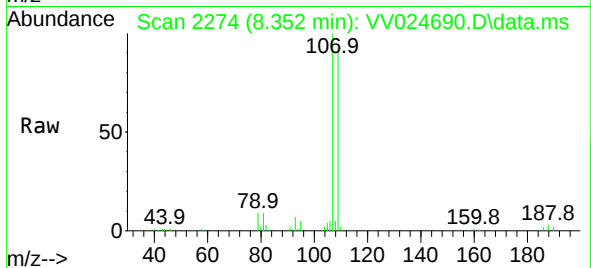
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107 Resp: 41508

Ion	Ratio	Lower	Upper
107	100		
109	93.0	62.5	116.1
188	2.9	3.4	5.2#



#51

Chlorobenzene

Concen: 5.927 ug/L

RT: 8.879 min Scan# 2438

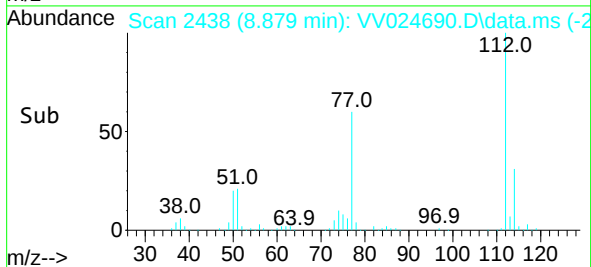
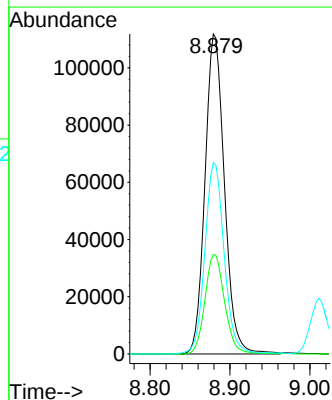
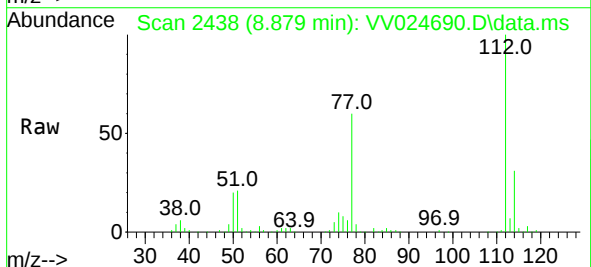
Delta R.T. -0.000 min

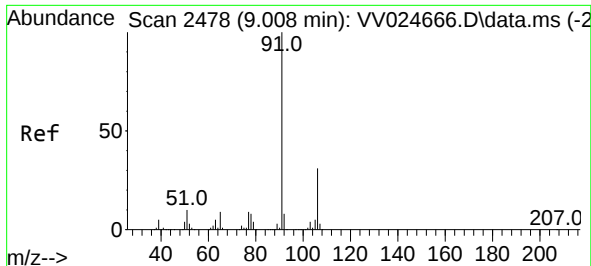
Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

Tgt Ion:112 Resp: 189126

Ion	Ratio	Lower	Upper
112	100		
114	31.1	23.3	43.3
77	59.8	43.3	64.9





#52

Ethylbenzene

Concen: 5.792 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

Instrument :

MSVOA_V

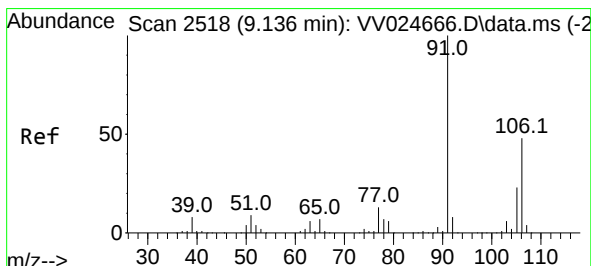
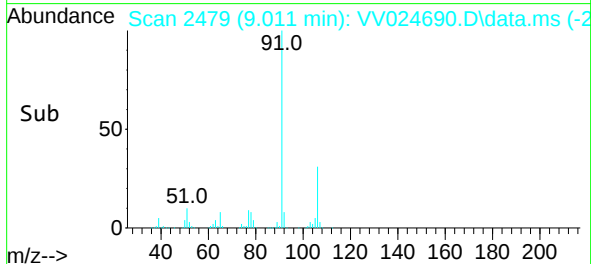
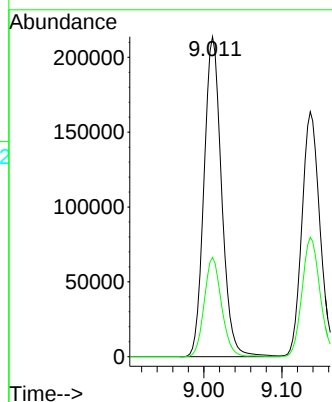
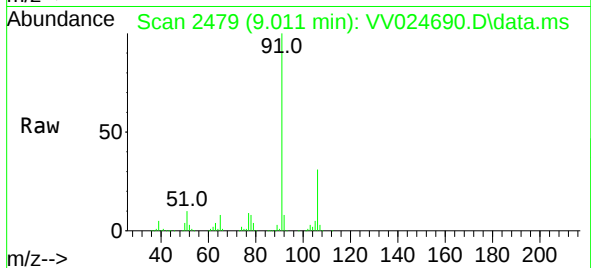
ClientSampleId :

Tgt Ion: 91 Resp: 335539

Ion Ratio Lower Upper

91 100

106 31.0 22.0 41.0



#53

m,p-xylene

Concen: 5.854 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV024690.D

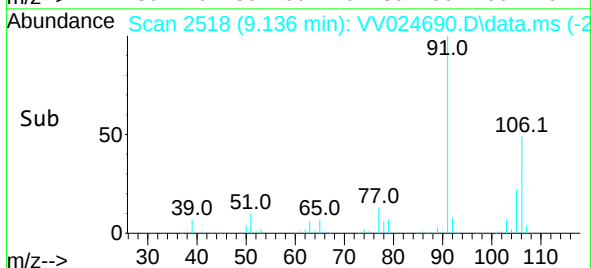
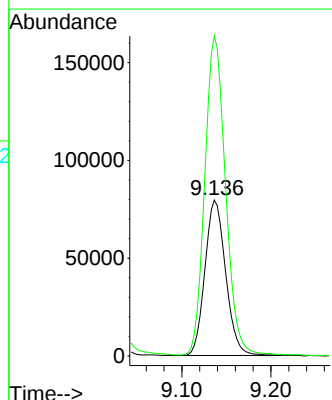
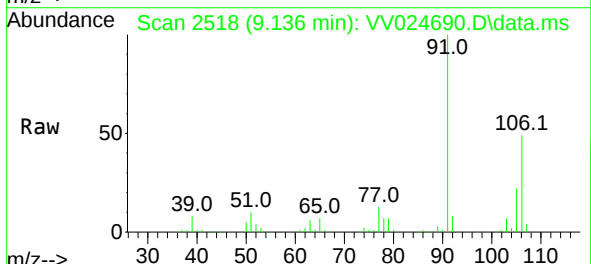
Acq: 15 Feb 2022 23:30

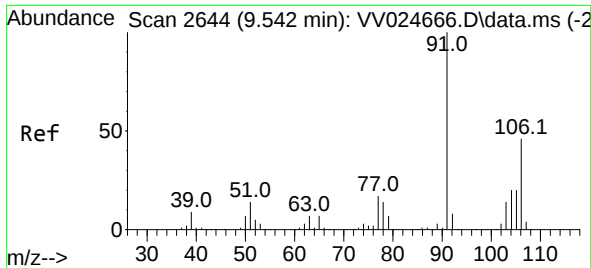
Tgt Ion: 106 Resp: 128448

Ion Ratio Lower Upper

106 100

91 205.3 139.5 259.1

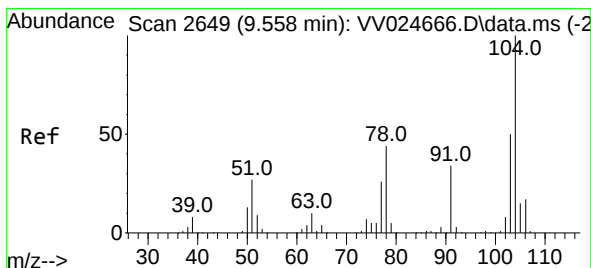
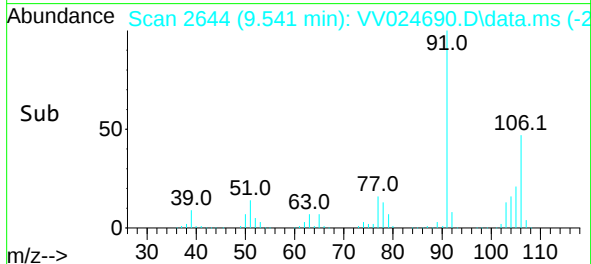
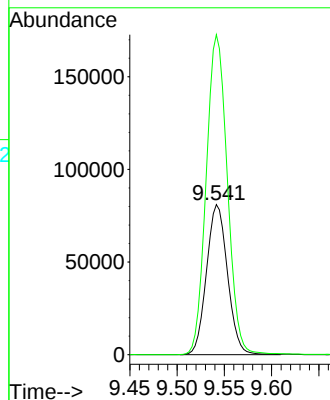
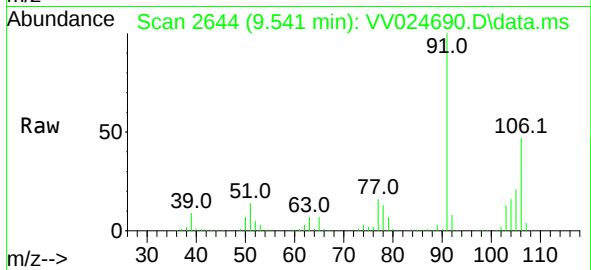




#54
o-xylene
Concen: 5.920 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

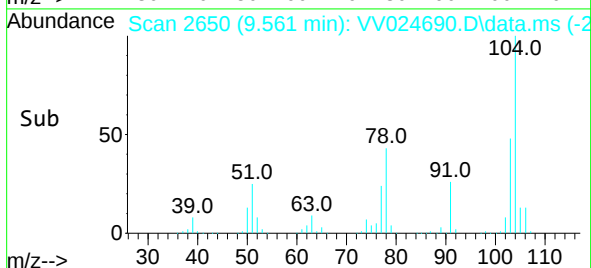
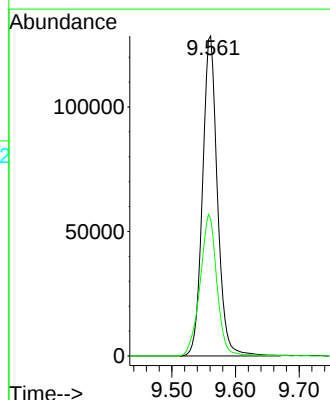
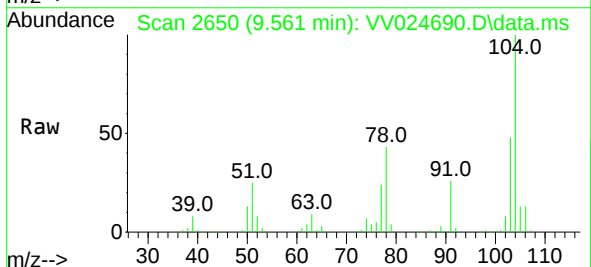
Instrument :
MSVOA_V
ClientSampleId :

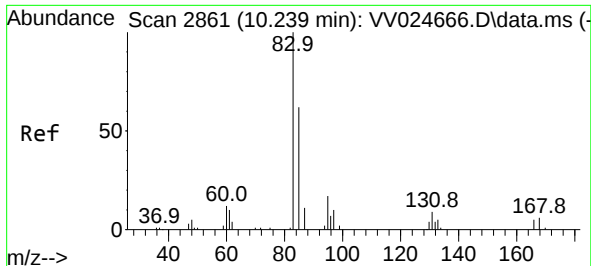
Tgt Ion:106 Resp: 125251
Ion Ratio Lower Upper
106 100
91 213.1 147.9 274.7



#55
Styrene
Concen: 6.032 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

Tgt Ion:104 Resp: 209523
Ion Ratio Lower Upper
104 100
78 43.0 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 6.193 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

Instrument :

MSVOA_V

ClientSampleId :

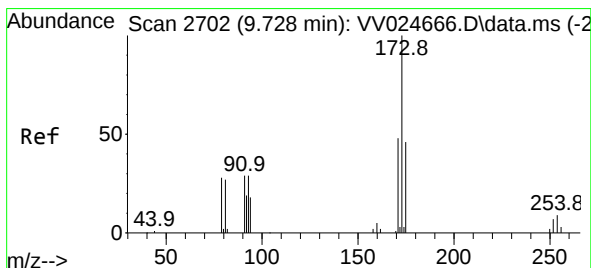
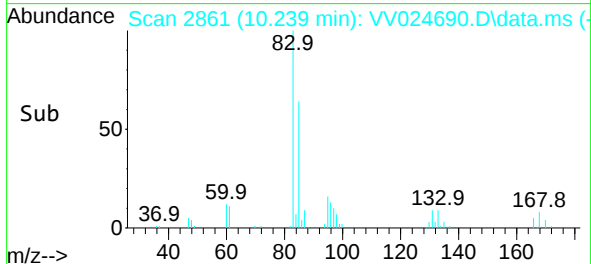
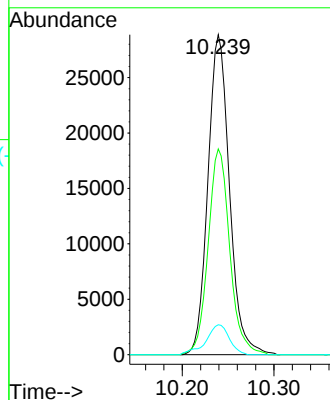
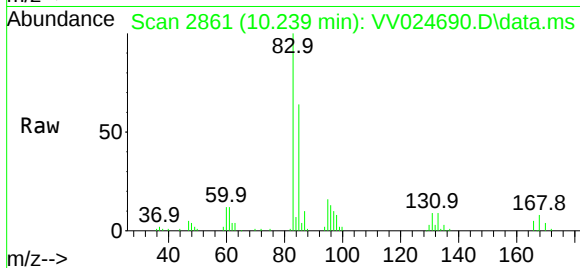
Tgt Ion: 83 Resp: 47091

Ion Ratio Lower Upper

83 100

85 64.3 44.6 82.8

131 9.4 8.3 12.5



#59

Bromoform

Concen: 5.585 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

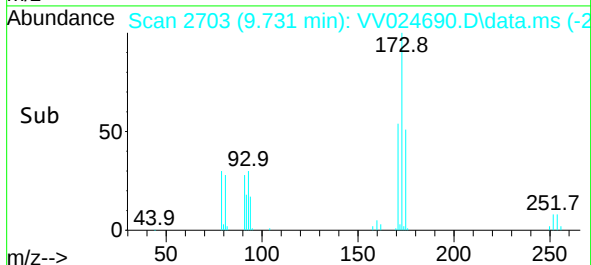
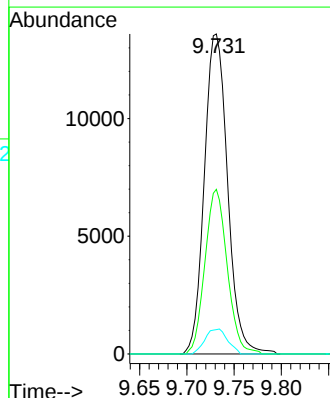
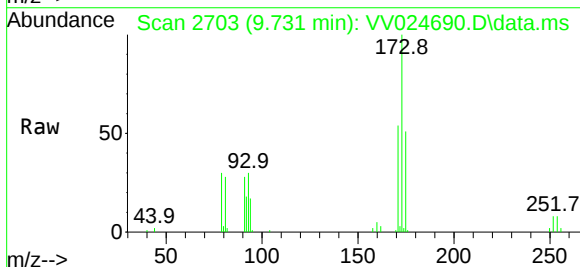
Tgt Ion: 173 Resp: 23263

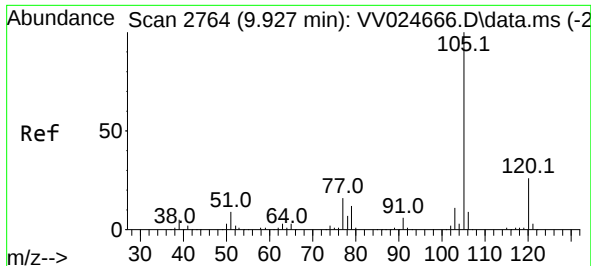
Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.2

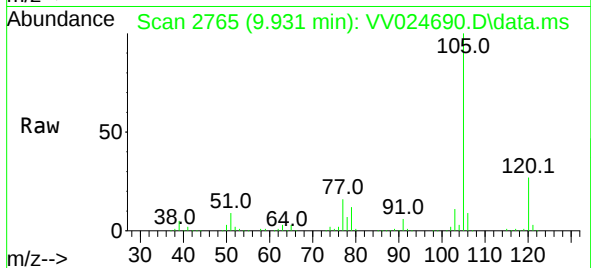
254 7.5 7.4 11.0



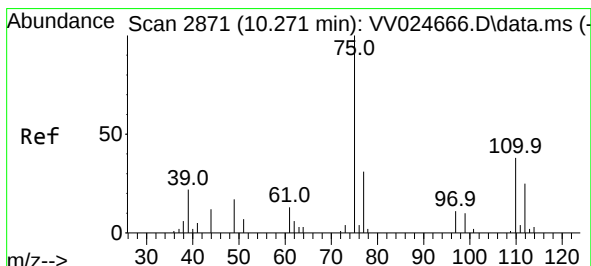
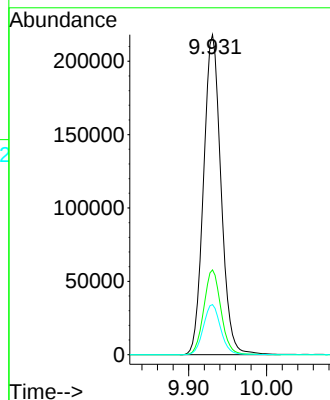
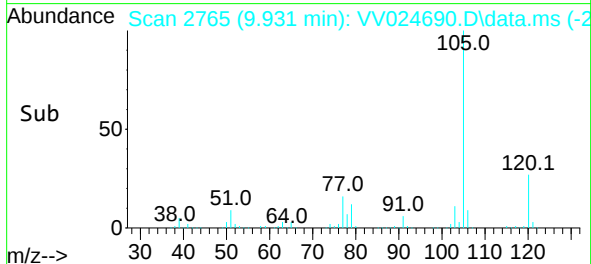


#60
Isopropylbenzene
Concen: 5.733 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

Instrument :
MSVOA_V
ClientSampleId :

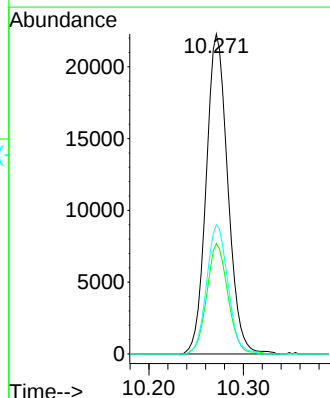
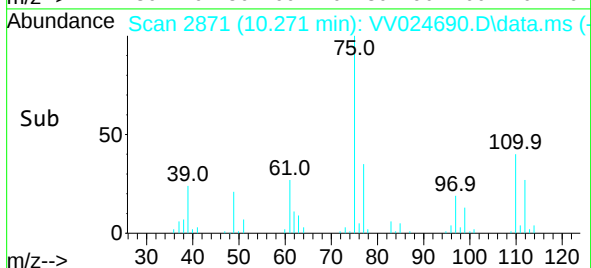
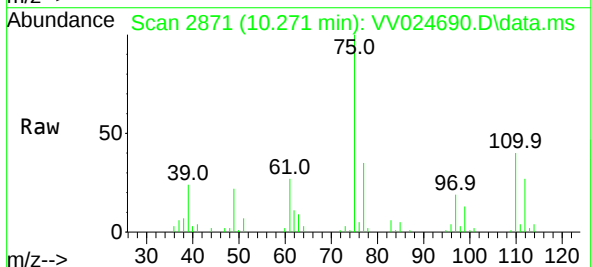


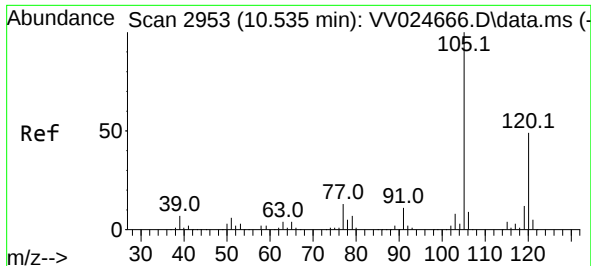
Tgt Ion:105 Resp: 338973
Ion Ratio Lower Upper
105 100
120 26.2 21.4 32.0
77 15.5 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.511 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

Tgt Ion: 75 Resp: 35418
Ion Ratio Lower Upper
75 100
77 33.7 26.4 39.6
110 39.7 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.630 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

Instrument :

MSVOA_V

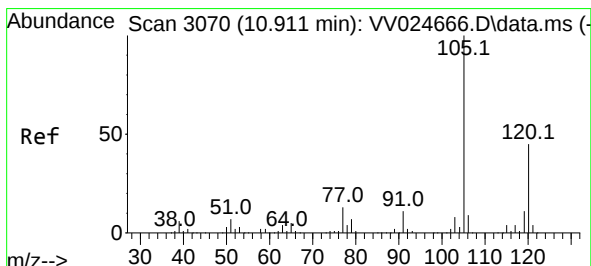
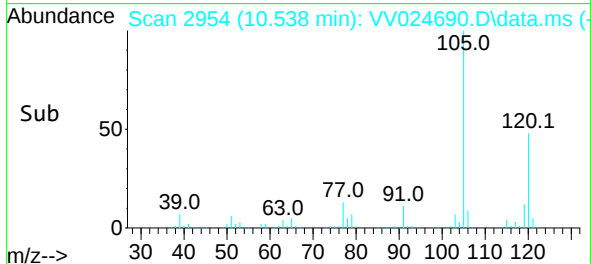
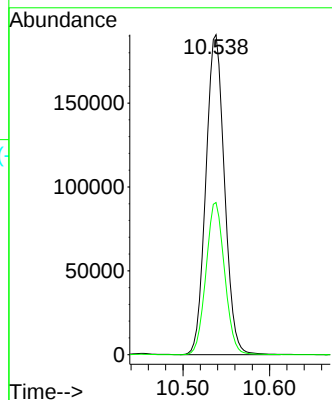
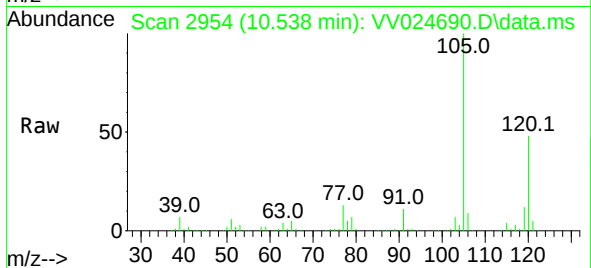
ClientSampleId :

Tgt Ion:105 Resp: 285042

Ion Ratio Lower Upper

105 100

120 47.6 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.731 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024690.D

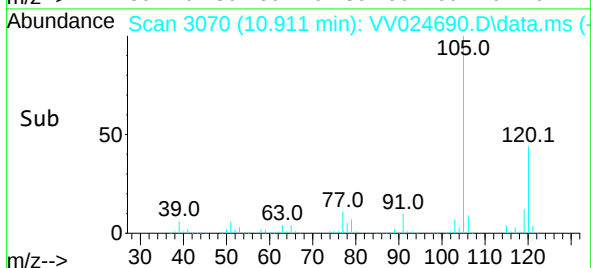
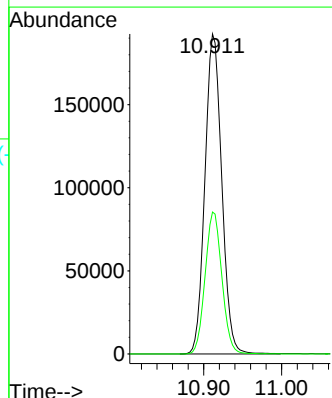
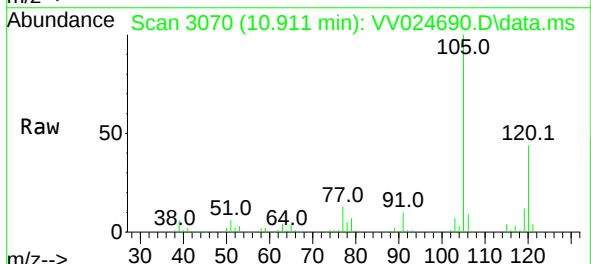
Acq: 15 Feb 2022 23:30

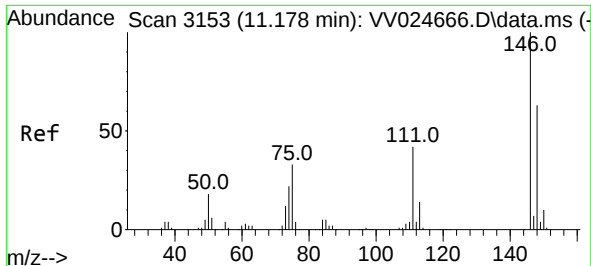
Tgt Ion:105 Resp: 288430

Ion Ratio Lower Upper

105 100

120 44.2 36.7 55.1

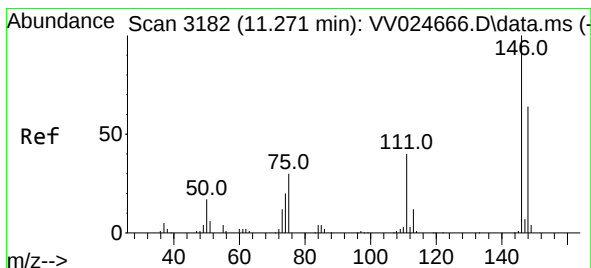
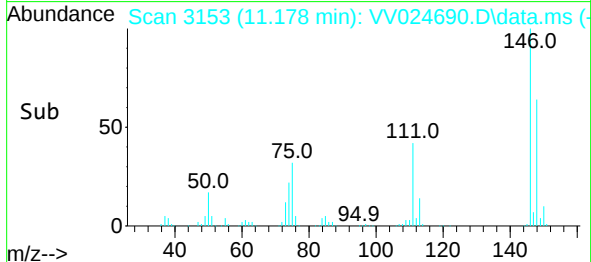
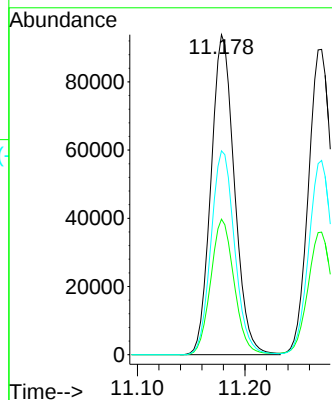
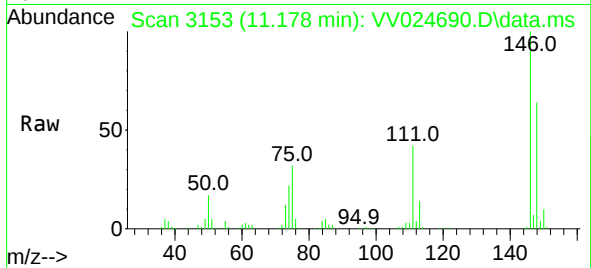




#64
1,3-Dichlorobenzene
Concen: 5.912 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

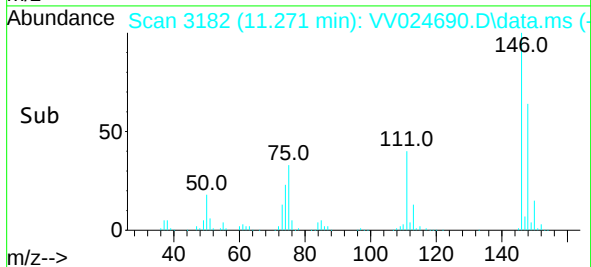
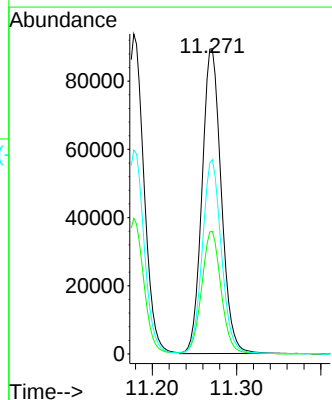
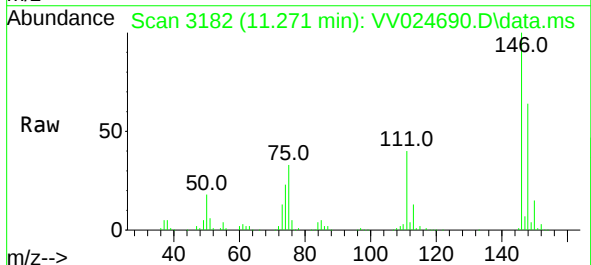
Instrument :
MSVOA_V
ClientSampleId :

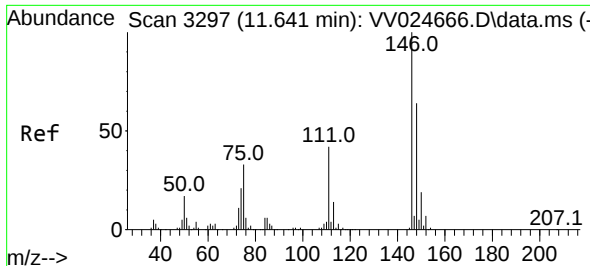
Tgt Ion:146 Resp: 142288
Ion Ratio Lower Upper
146 100
111 42.3 26.3 48.9
148 63.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.954 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

Tgt Ion:146 Resp: 142332
Ion Ratio Lower Upper
146 100
111 40.2 25.6 47.6
148 63.6 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.955 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

Instrument :

MSVOA_V

ClientSampleId :

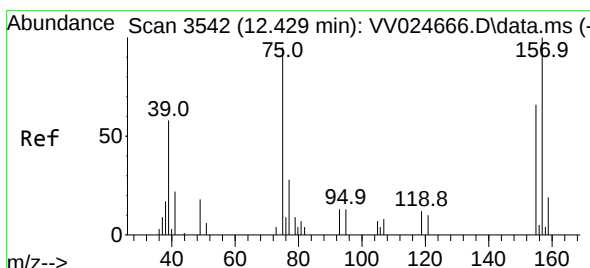
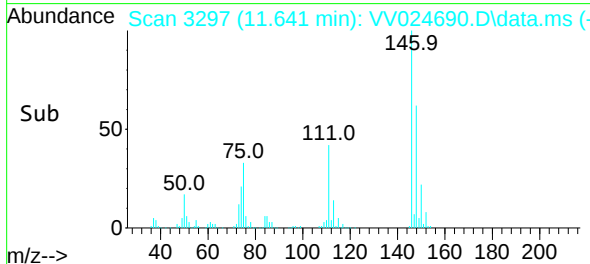
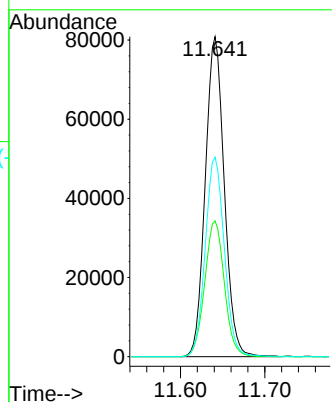
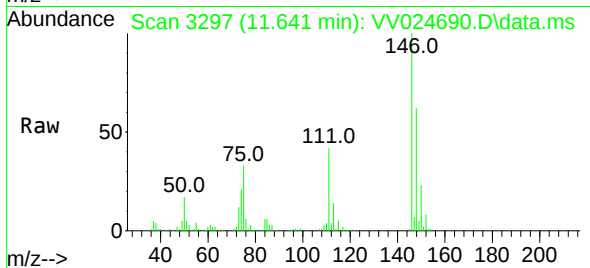
Tgt Ion:146 Resp: 127243

Ion Ratio Lower Upper

146 100

111 42.5 31.9 47.9

148 62.4 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.923 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VV024690.D

Acq: 15 Feb 2022 23:30

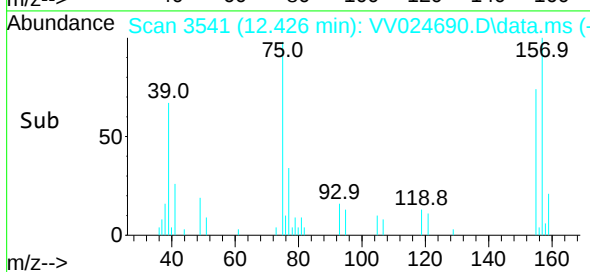
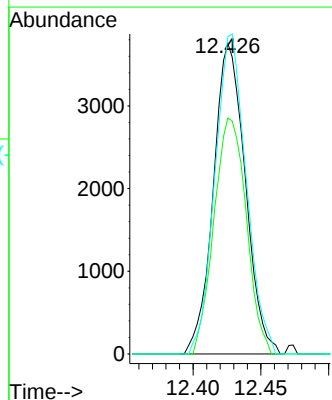
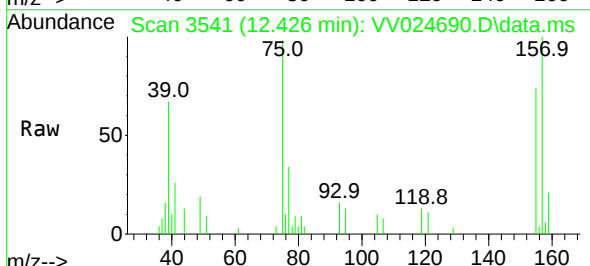
Tgt Ion: 75 Resp: 6145

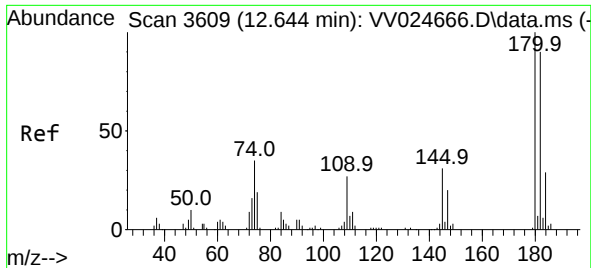
Ion Ratio Lower Upper

75 100

155 76.1 71.7 107.5

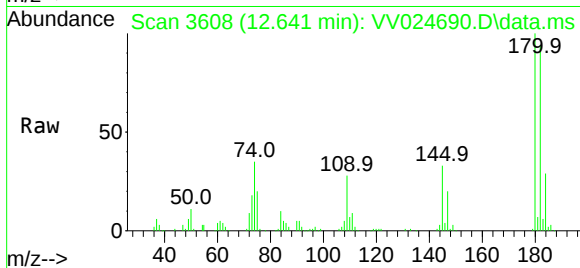
157 102.2 103.3 154.9#



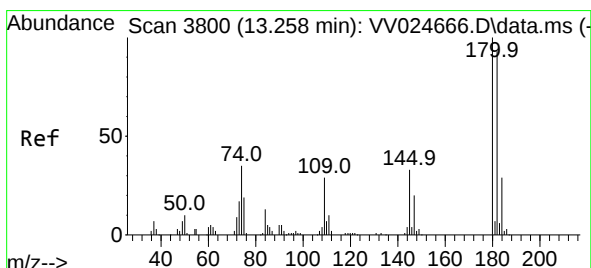
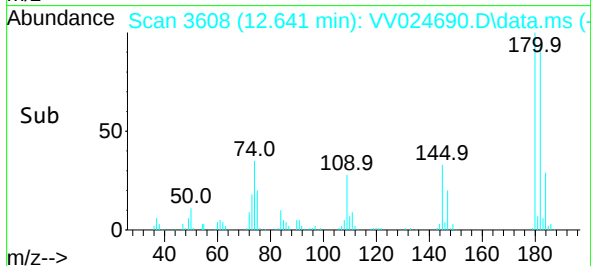
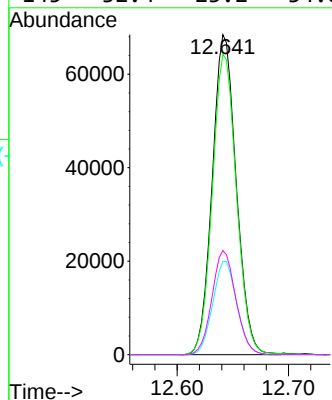


#69
 1,3,5-Trichlorobenzene
 Concen: 5.972 ug/L
 RT: 12.641 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV024690.D
 Acq: 15 Feb 2022 23:30

Instrument :
 MSVOA_V
 ClientSampleId :

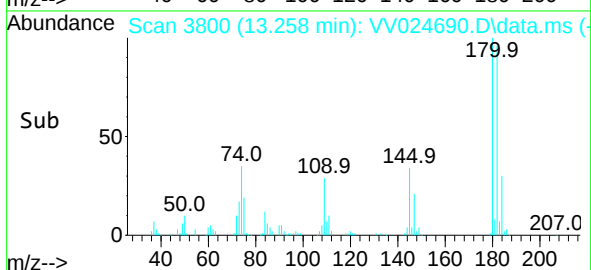
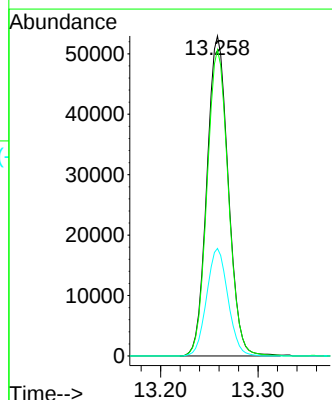
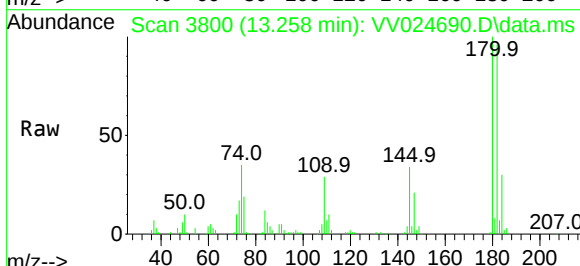


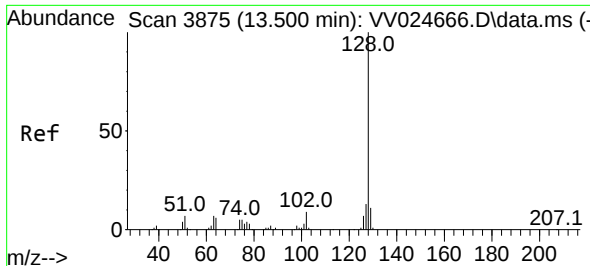
Tgt Ion:180 Resp: 102249
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.4 114.6
 184 29.4 24.2 36.4
 145 32.4 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.822 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024690.D
 Acq: 15 Feb 2022 23:30

Tgt Ion:180 Resp: 80504
 Ion Ratio Lower Upper
 180 100
 182 95.7 74.4 111.6
 145 33.5 23.3 34.9

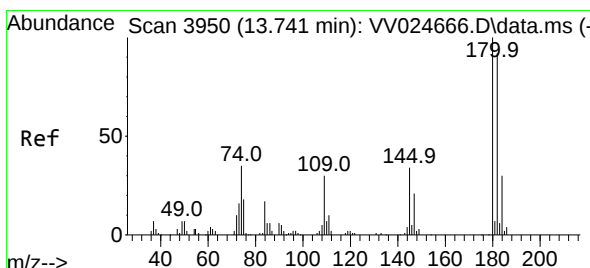
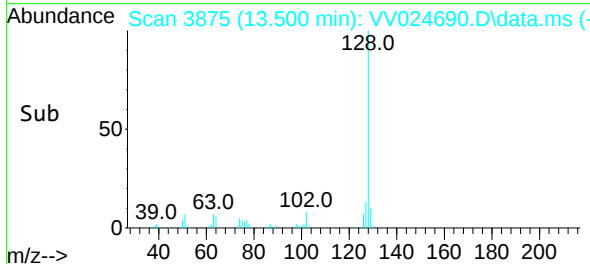
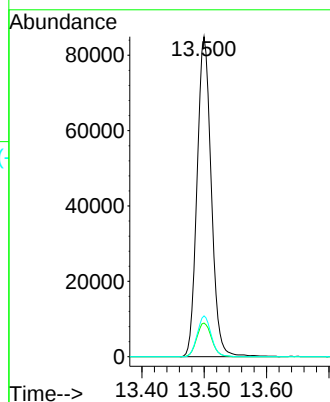
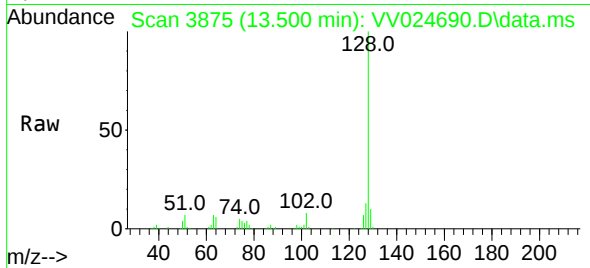




#71
Naphthalene
Concen: 5.354 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 134078
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.763 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV024690.D
Acq: 15 Feb 2022 23:30

Tgt Ion:180 Resp: 67020
Ion Ratio Lower Upper
180 100
182 93.7 76.8 115.2
145 34.8 25.8 38.6

