

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021622\
 Data File : VW024712.D
 Acq On : 16 Feb 2022 21:20
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 16 23:40:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 23:36:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	107033	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	109478	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	55640	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39362	4.387	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.800%	
7) Chloroethane-d5	1.571	69	42069	5.546	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	111.000%	
11) 1,1-Dichloroethene-d2	2.114	63	97561	4.971	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.400%	
20) 2-Butanone-d5	3.892	46	94166	63.224	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	126.440%	
24) Chloroform-d	4.352	84	90829	5.752	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	115.000%	
26) 1,2-Dichloroethane-d4	5.037	65	40258	5.619	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.400%	
32) Benzene-d6	5.053	84	173457	5.584	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.600%	
36) 1,2-Dichloropropane-d6	6.069	67	53174	5.504	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	110.000%	
41) Toluene-d8	7.317	98	155699	5.374	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.400%	
43) trans-1,3-Dichloroprop...	7.622	79	18398	4.716	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.400%	
46) 2-Hexanone-d5	8.088	63	78059	56.789	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	113.580%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34805	6.051	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	121.000%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	50917	5.677	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	77619	5.519	ug/L	98
3) Chloromethane	1.243	50	83100	6.005	ug/L	98
5) Vinyl chloride	1.314	62	88925	5.967	ug/L	98
6) Bromomethane	1.526	94	48517	5.288	ug/L	98
8) Chloroethane	1.587	64	58780	6.439	ug/L	97
9) Trichlorofluoromethane	1.757	101	120069	5.961	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	61563	5.483	ug/L	88
12) 1,1-Dichloroethene	2.121	96	66550	6.005	ug/L	95
13) Acetone	2.182	43	75130	63.920	ug/L	72
14) Carbon disulfide	2.297	76	184008	5.224	ug/L	100
15) Methyl Acetate	2.439	43	19667	5.851	ug/L	98
16) Methylene chloride	2.510	84	63527	5.786	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	134684	5.898	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	64298	5.906	ug/L	92
19) 1,1-Dichloroethane	3.191	63	120169	6.391	ug/L	97
21) 2-Butanone	3.973	43	128063	65.742	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	69110	6.297	ug/L	92
23) Bromochloromethane	4.249	128	27611	6.624	ug/L	84
25) Chloroform	4.378	83	125746	6.389	ug/L	99

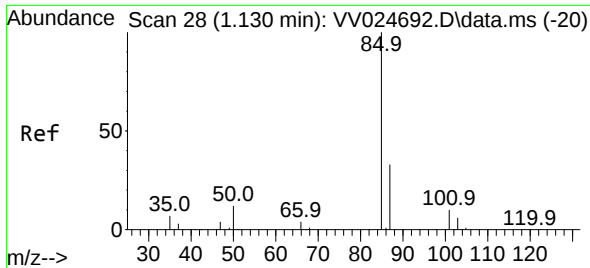
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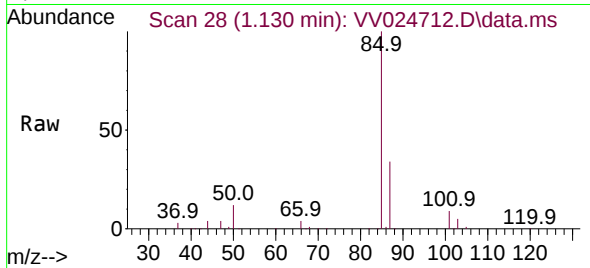
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	68157	6.316	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	108803	6.058	ug/L	98
30) Cyclohexane	4.680	56	102674	5.549	ug/L	96
31) Carbon tetrachloride	4.831	117	89585	5.890	ug/L	100
33) Benzene	5.101	78	271240	6.348	ug/L	100
34) Trichloroethene	5.915	95	70071	5.956	ug/L	88
35) Methylcyclohexane	6.130	83	101100	5.194	ug/L	97
37) 1,2-Dichloropropane	6.172	63	66000	6.373	ug/L	97
38) Bromodichloromethane	6.510	83	83705	6.081	ug/L #	98
39) cis-1,3-Dichloropropene	7.027	75	90638	5.743	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	328218	61.414	ug/L	99
42) Toluene	7.387	91	290113	6.233	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	73032	5.602	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	42886	6.390	ug/L	96
47) Tetrachloroethene	7.976	164	44034	5.641	ug/L	93
48) 2-Hexanone	8.136	43	232841	63.646	ug/L	99
49) Dibromochloromethane	8.246	129	48064	5.931	ug/L	99
50) 1,2-Dibromoethane	8.352	107	39654	6.295	ug/L #	94
51) Chlorobenzene	8.879	112	176192	6.177	ug/L	94
52) Ethylbenzene	9.011	91	308294	5.953	ug/L	98
53) m,p-xylene	9.136	106	115090	5.867	ug/L	98
54) o-xylene	9.542	106	116295	6.148	ug/L	96
55) Styrene	9.558	104	193617	6.235	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	46690	6.868	ug/L	99
59) Bromoform	9.731	173	20545	5.779	ug/L	98
60) Isopropylbenzene	9.931	105	306680	6.077	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	34876	6.358	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	253842	5.874	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	252374	5.875	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	126274	6.147	ug/L	96
65) 1,4-Dichlorobenzene	11.268	146	124846	6.119	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	113369	6.217	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.426	75	6482	6.084	ug/L #	75
69) 1,3,5-Trichlorobenzene	12.641	180	81270	5.561	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	66081	5.599	ug/L	96
71) Naphthalene	13.500	128	123190	5.763	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	58185	5.862	ug/L	98

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

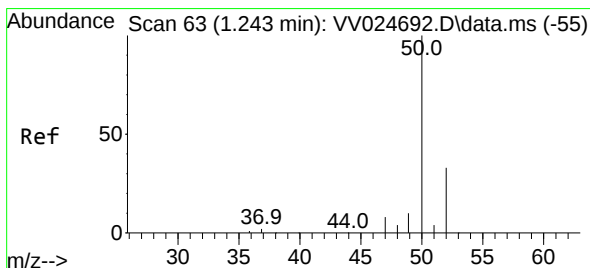
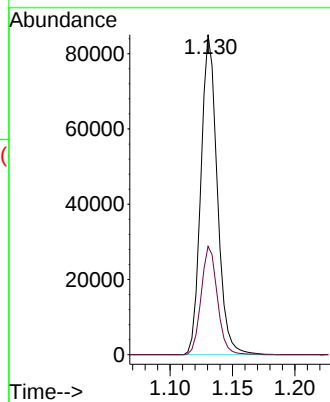
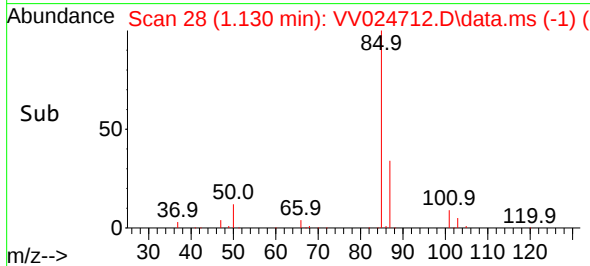


#2
 Dichlorodifluoromethane
 Concen: 5.519 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024712.D
 Acq: 16 Feb 2022 21:20

Instrument :
 MSVOA_V
 ClientSampleId :

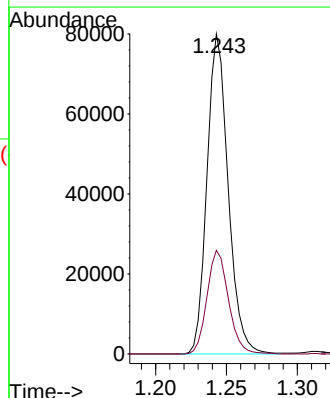
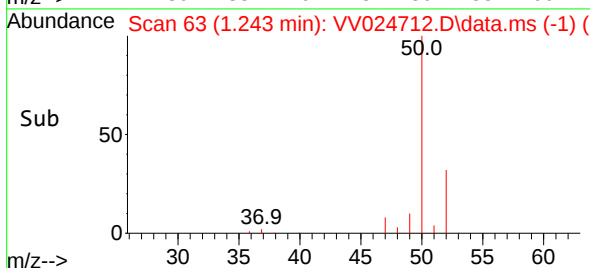
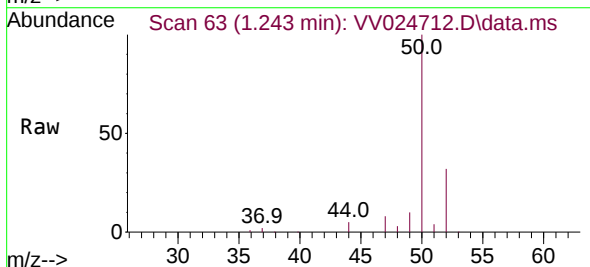


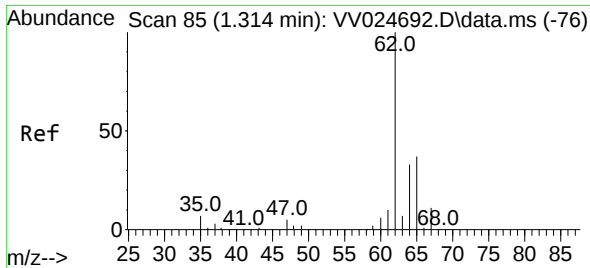
Tgt Ion: 85 Resp: 77619
 Ion Ratio Lower Upper
 85 100
 87 33.6 26.0 39.0



#3
 Chloromethane
 Concen: 6.005 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024712.D
 Acq: 16 Feb 2022 21:20

Tgt Ion: 50 Resp: 83100
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.0 41.0

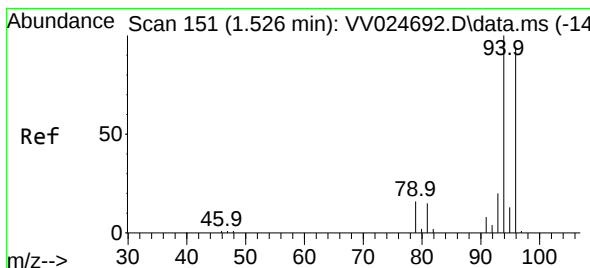
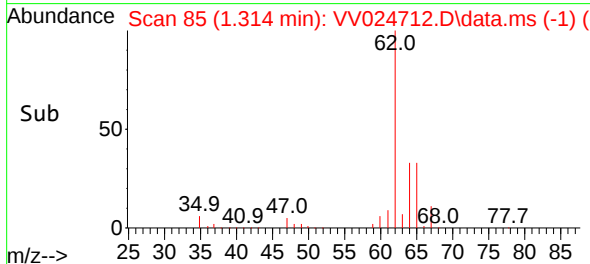
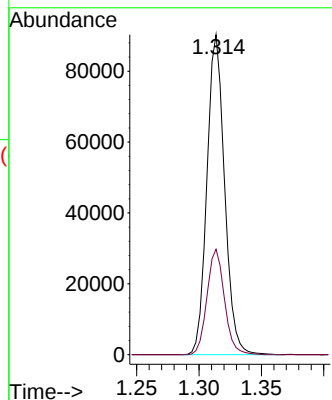
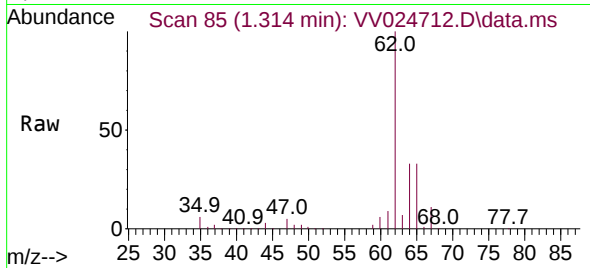




#5
 Vinyl chloride
 Concen: 5.967 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV024712.D
 Acq: 16 Feb 2022 21:20

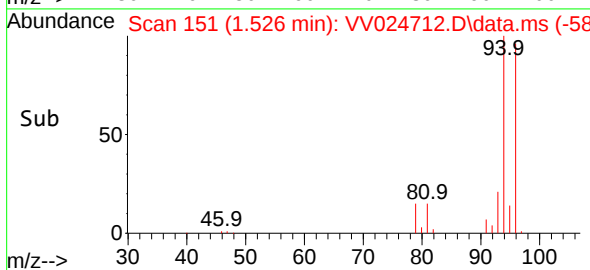
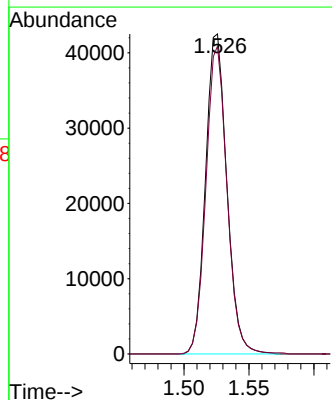
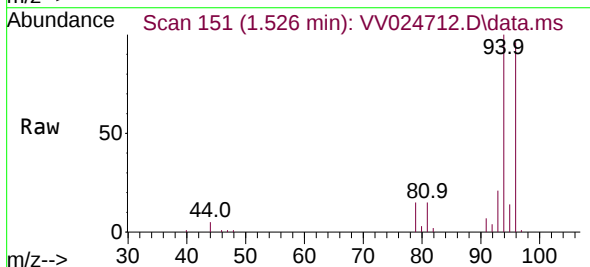
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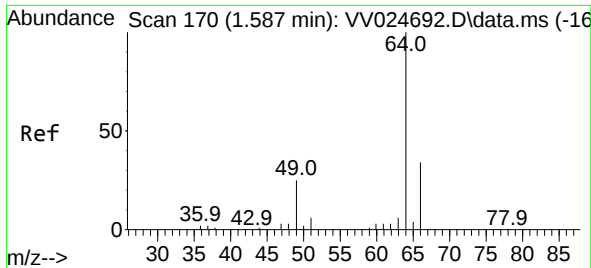
Tgt Ion: 62 Resp: 88925
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.4 41.6



#6
 Bromomethane
 Concen: 5.288 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV024712.D
 Acq: 16 Feb 2022 21:20

Tgt Ion: 94 Resp: 48517
 Ion Ratio Lower Upper
 94 100
 96 96.2 66.2 123.0

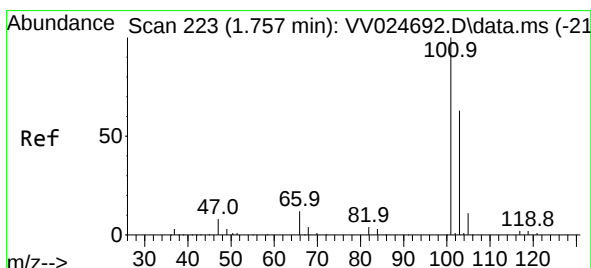
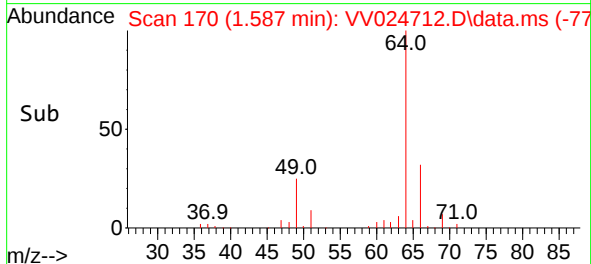
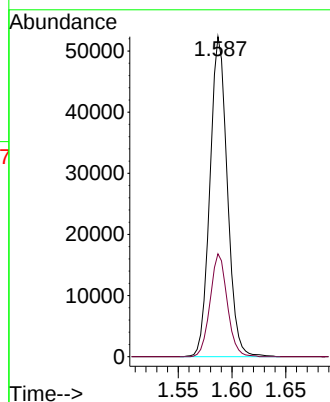
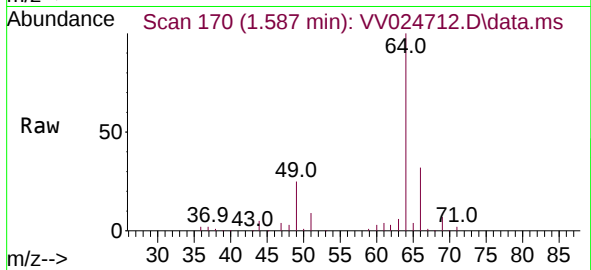




#8
Chloroethane
Concen: 6.439 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

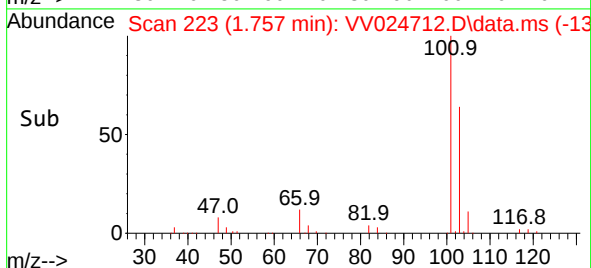
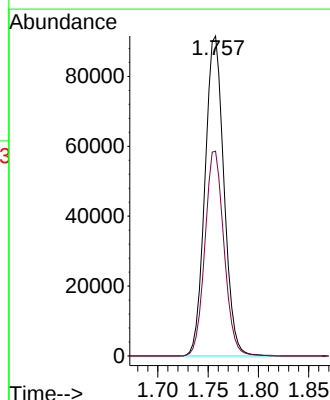
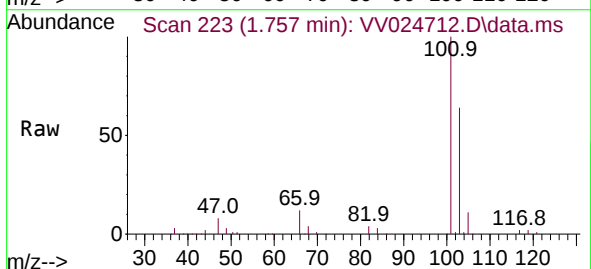
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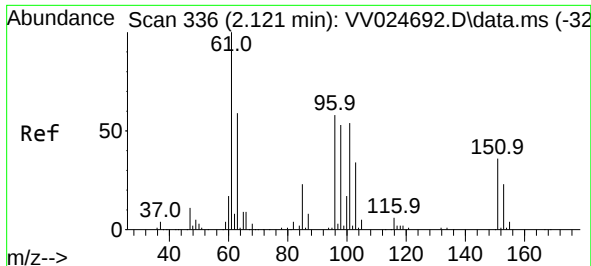
Tgt Ion: 64 Resp: 58780
Ion Ratio Lower Upper
64 100
66 32.2 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.961 ug/L
RT: 1.757 min Scan# 223
Delta R.T. -0.000 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

Tgt Ion:101 Resp: 120069
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4

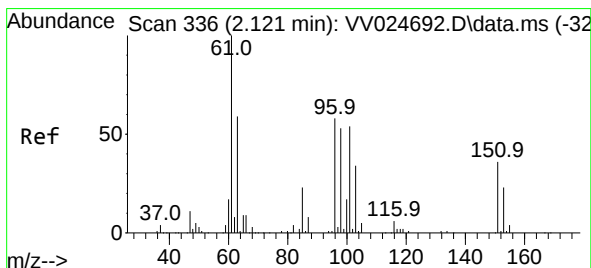
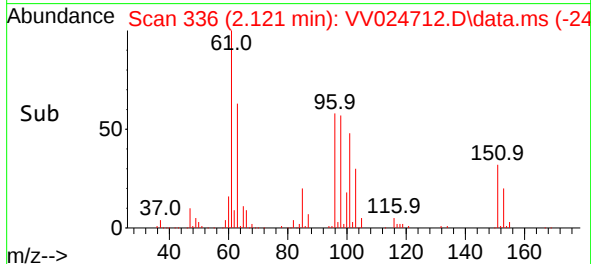
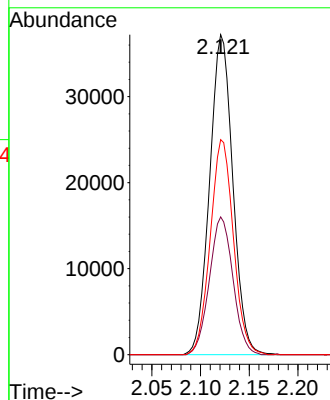
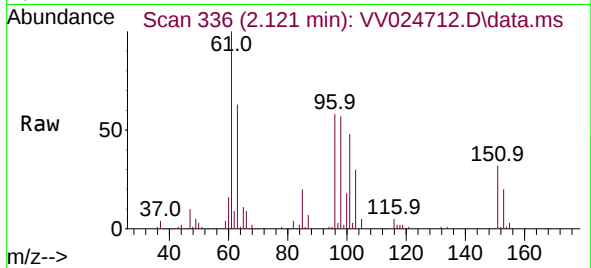




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.483 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV024712.D
 Acq: 16 Feb 2022 21:20

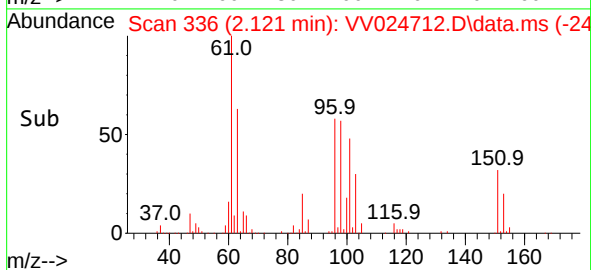
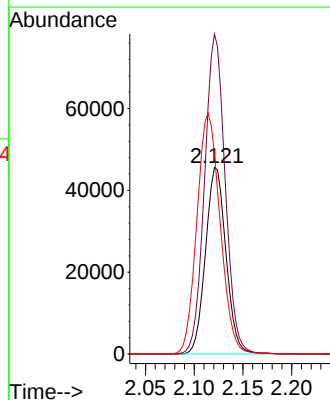
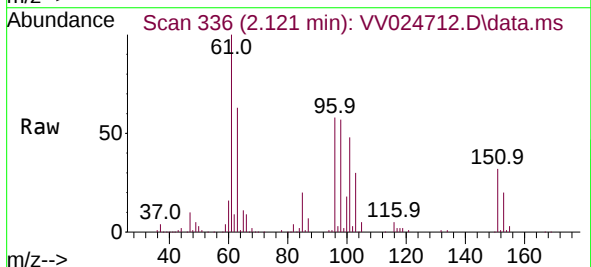
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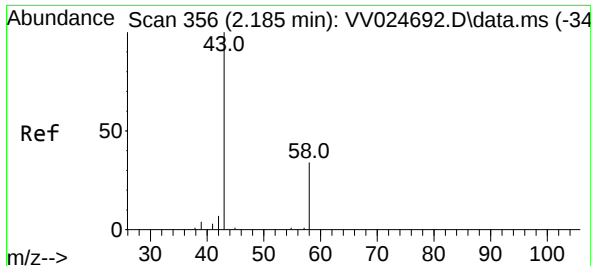
Tgt Ion: 101 Resp: 61563
 Ion Ratio Lower Upper
 101 100
 85 43.8 36.0 54.0
 151 67.2 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 6.005 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV024712.D
 Acq: 16 Feb 2022 21:20

Tgt Ion: 96 Resp: 66550
 Ion Ratio Lower Upper
 96 100
 61 171.7 116.1 215.5
 63 107.4 79.4 147.4





#13

Acetone

Concen: 63.920 ug/L

RT: 2.182 min Scan# 356

Delta R.T. -0.003 min

Lab File: VV024712.D

Acq: 16 Feb 2022 21:20

Instrument :

MSVOA_V

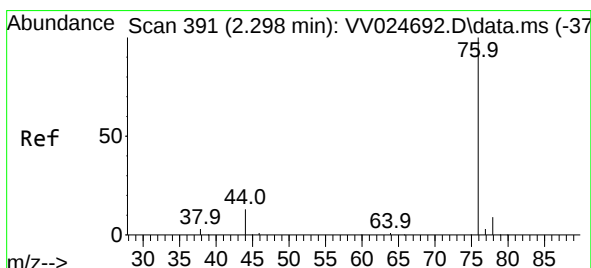
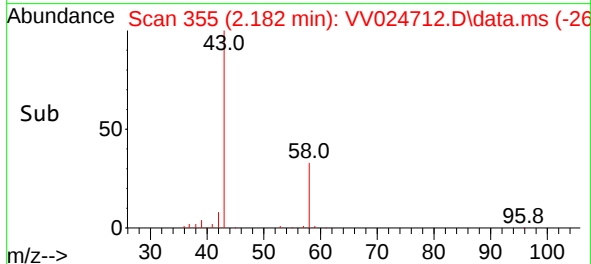
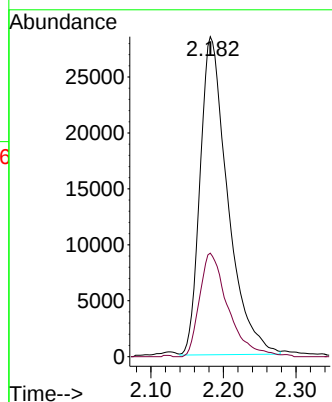
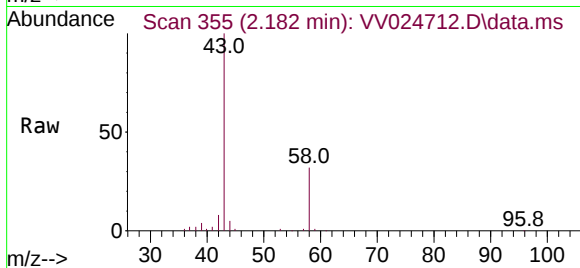
ClientSampleId :

Tgt Ion: 43 Resp: 75130

Ion Ratio Lower Upper

43 100

58 33.8 0.0 41.4



#14

Carbon disulfide

Concen: 5.224 ug/L

RT: 2.297 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV024712.D

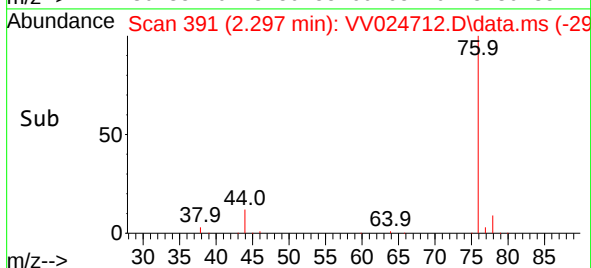
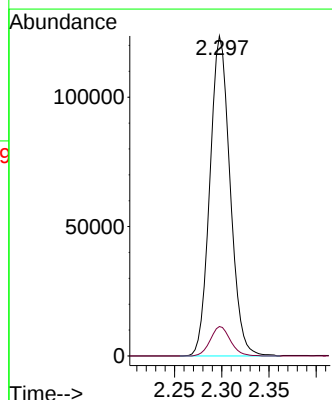
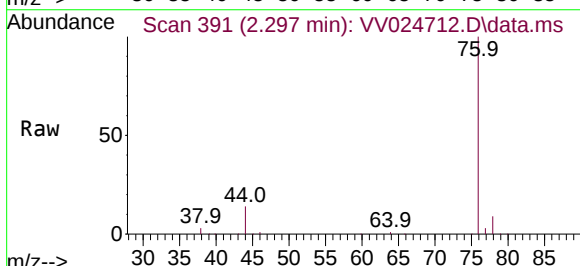
Acq: 16 Feb 2022 21:20

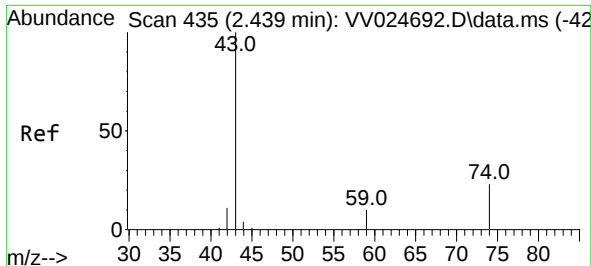
Tgt Ion: 76 Resp: 184008

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

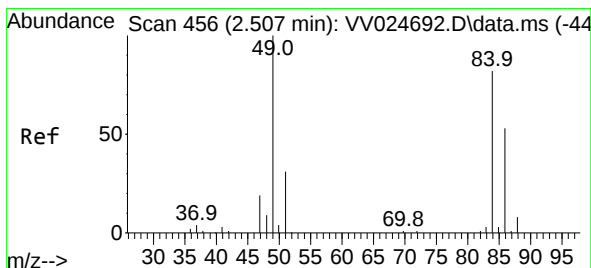
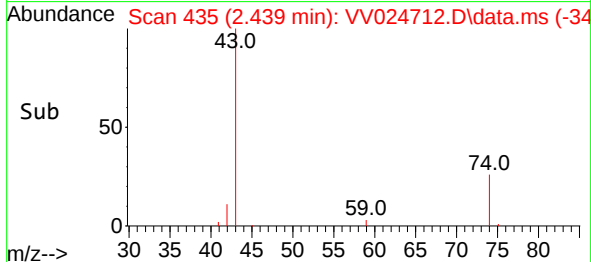
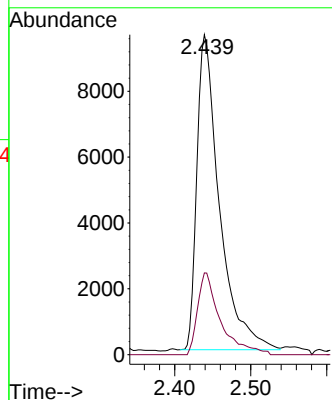
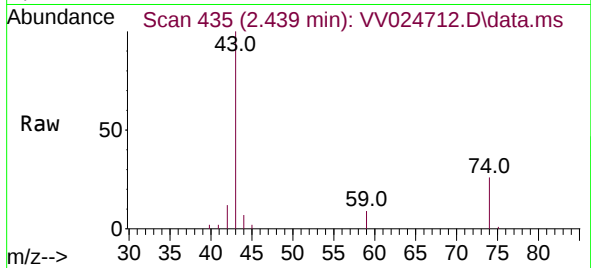




#15
Methyl Acetate
Concen: 5.851 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

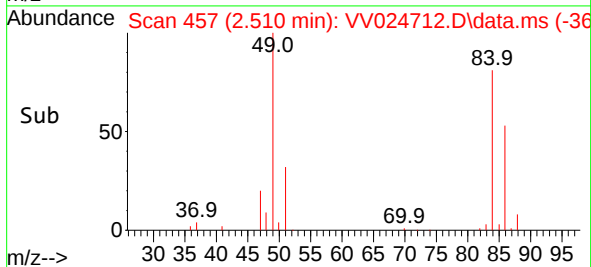
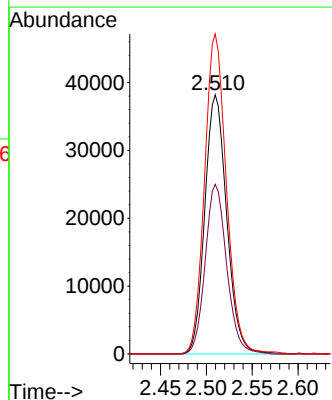
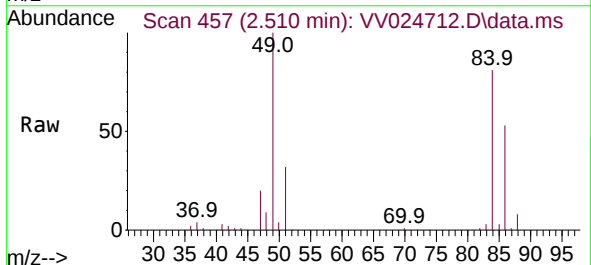
Instrument :
MSVOA_V
ClientSampleId :

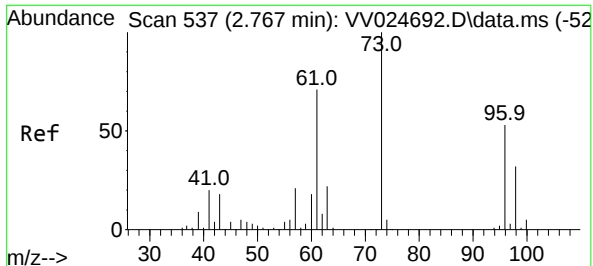
Tgt Ion: 43 Resp: 19667
Ion Ratio Lower Upper
43 100
74 26.3 20.2 30.2



#16
Methylene chloride
Concen: 5.786 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

Tgt Ion: 84 Resp: 63527
Ion Ratio Lower Upper
84 100
86 65.4 42.6 79.0
49 123.5 79.7 147.9





#17

Methyl tert-butyl Ether

Concen: 5.898 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV024712.D

Acq: 16 Feb 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

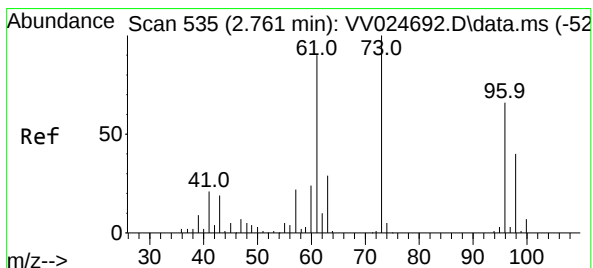
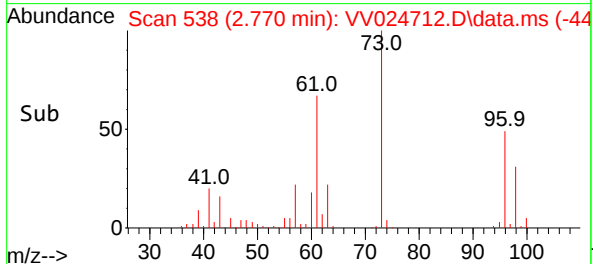
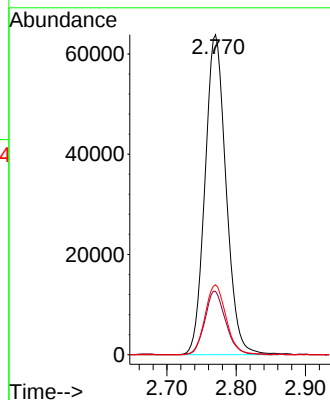
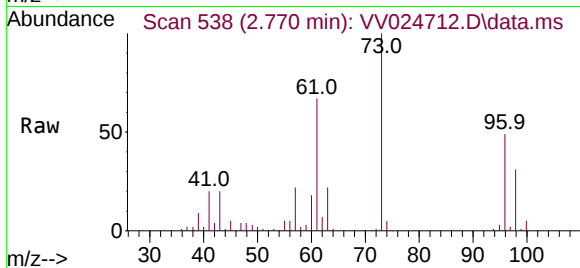
Tgt Ion: 73 Resp: 134684

Ion Ratio Lower Upper

73 100

43 19.6 15.5 23.3

57 21.9 17.1 25.7



#18

trans-1,2-Dichloroethene

Concen: 5.906 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.003 min

Lab File: VV024712.D

Acq: 16 Feb 2022 21:20

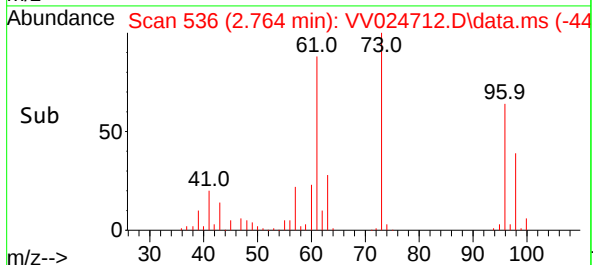
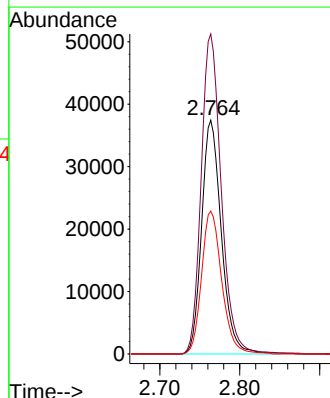
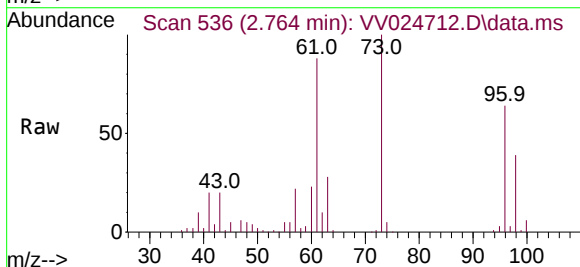
Tgt Ion: 96 Resp: 64298

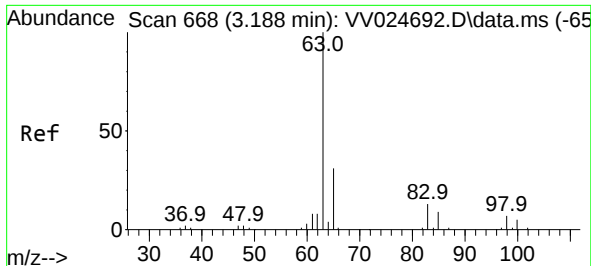
Ion Ratio Lower Upper

96 100

61 136.9 88.2 163.8

98 61.1 44.9 83.5





#19

1,1-Dichloroethane

Concen: 6.391 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV024712.D

Acq: 16 Feb 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

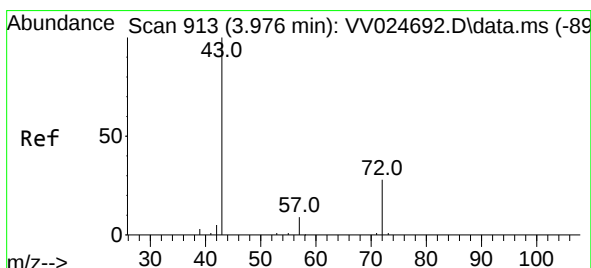
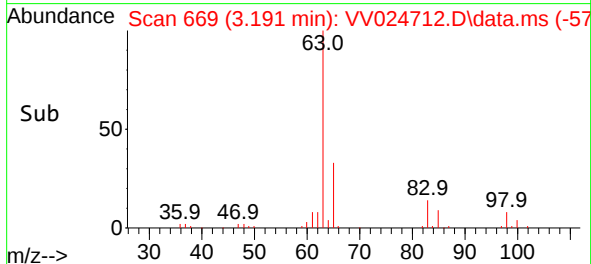
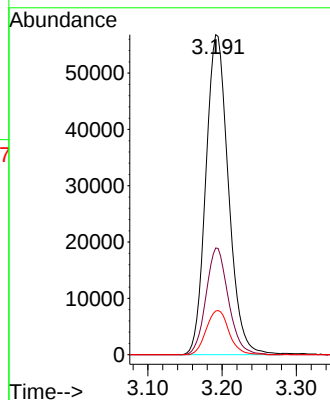
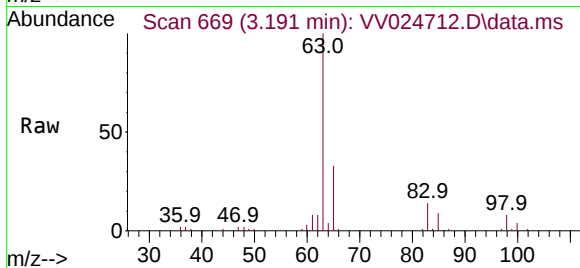
Tgt Ion: 63 Resp: 120169

Ion Ratio Lower Upper

63 100

65 33.3 22.3 41.3

83 13.7 10.7 19.9



#21

2-Butanone

Concen: 65.742 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.003 min

Lab File: VV024712.D

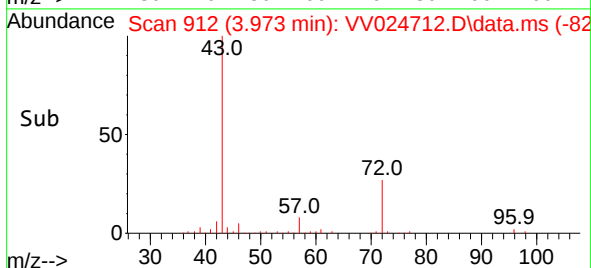
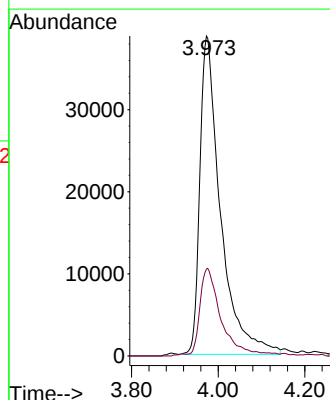
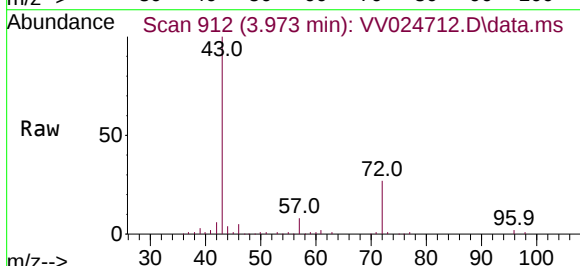
Acq: 16 Feb 2022 21:20

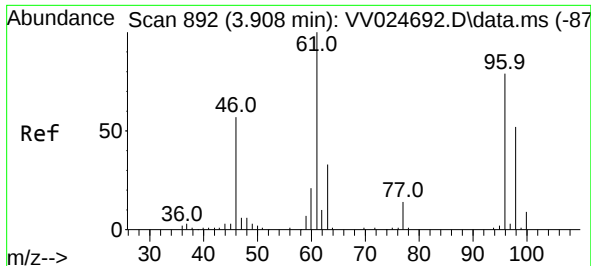
Tgt Ion: 43 Resp: 128063

Ion Ratio Lower Upper

43 100

72 26.1 11.1 33.1





#22

cis-1,2-Dichloroethene

Concen: 6.297 ug/L

RT: 3.915 min Scan# 892

Delta R.T. 0.006 min

Lab File: VV024712.D

Acq: 16 Feb 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

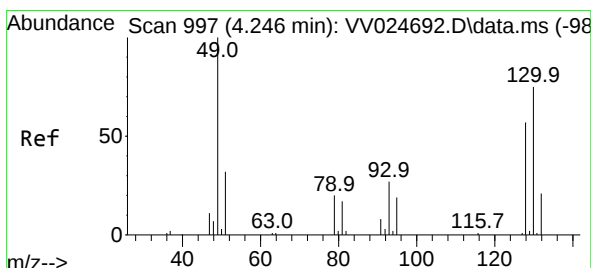
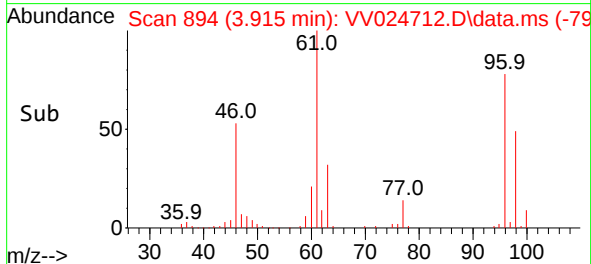
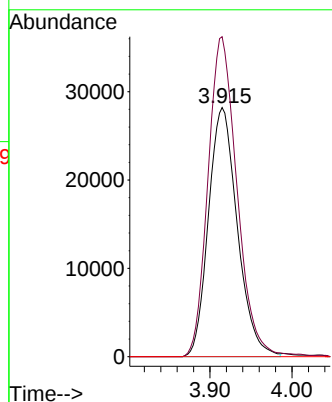
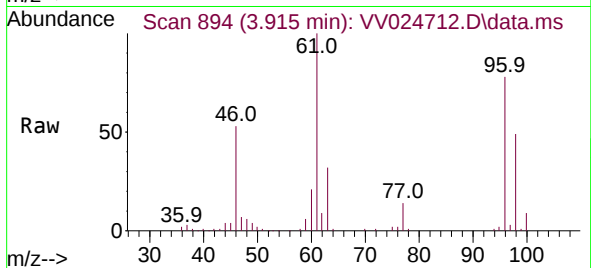
Tgt Ion: 96 Resp: 69110

Ion Ratio Lower Upper

96 100

61 128.4 83.4 154.8

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 6.624 ug/L

RT: 4.249 min Scan# 998

Delta R.T. 0.003 min

Lab File: VV024712.D

Acq: 16 Feb 2022 21:20

Tgt Ion: 128 Resp: 27611

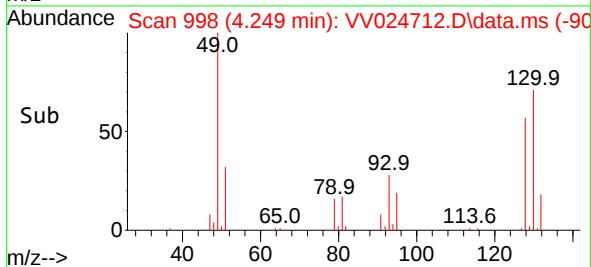
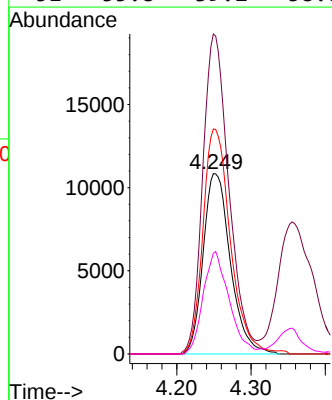
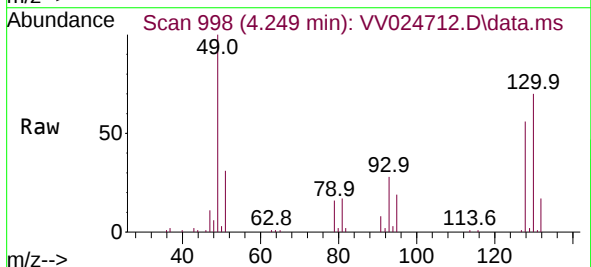
Ion Ratio Lower Upper

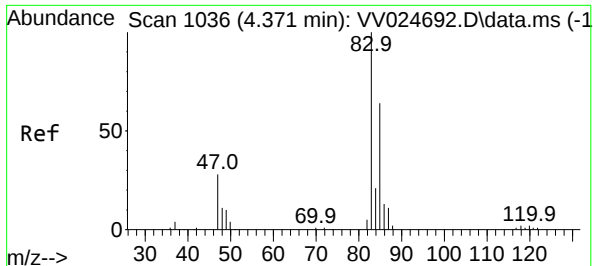
128 100

49 177.5 100.2 186.2

130 124.7 92.5 171.7

51 55.8 39.2 58.8





#25

Chloroform

Concen: 6.389 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV024712.D

Acq: 16 Feb 2022 21:20

Instrument :

MSVOA_V

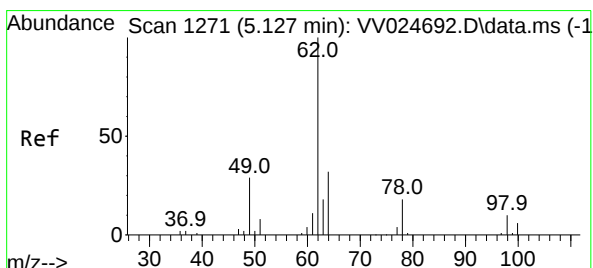
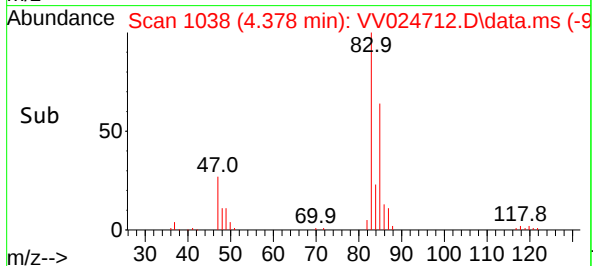
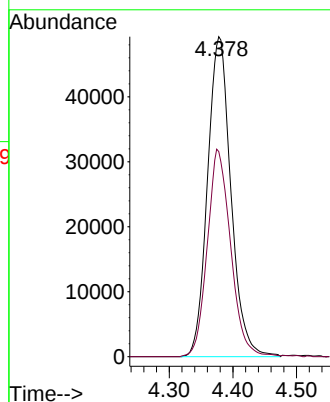
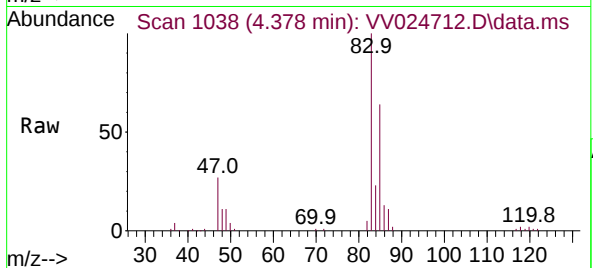
ClientSampleId :

Tgt Ion: 83 Resp: 125746

Ion Ratio Lower Upper

83 100

85 64.1 45.2 84.0



#27

1,2-Dichloroethane

Concen: 6.316 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV024712.D

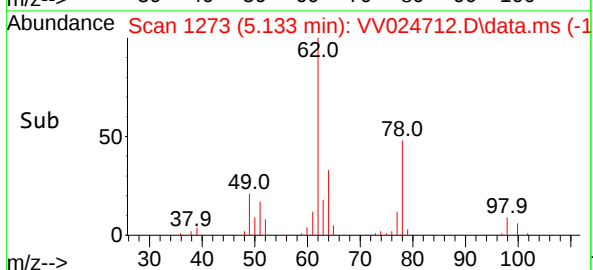
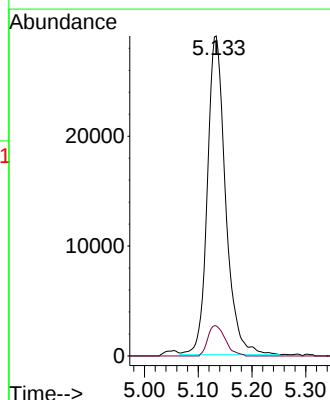
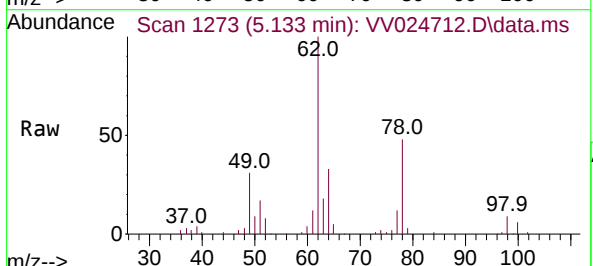
Acq: 16 Feb 2022 21:20

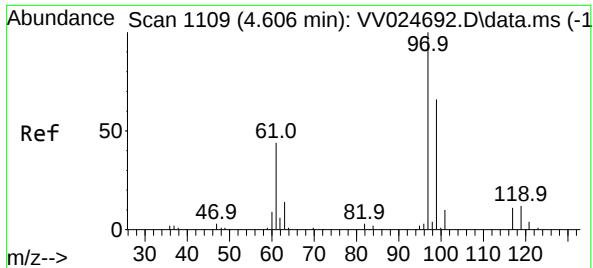
Tgt Ion: 62 Resp: 68157

Ion Ratio Lower Upper

62 100

98 9.4 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 6.058 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV024712.D

Acq: 16 Feb 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

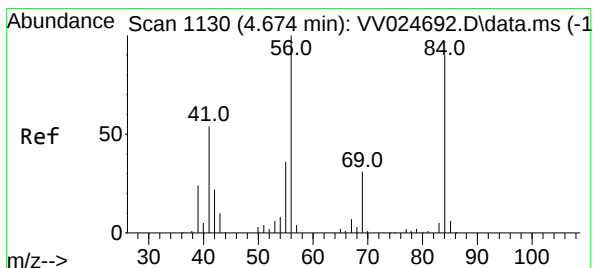
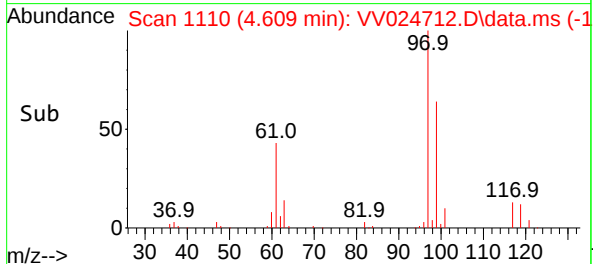
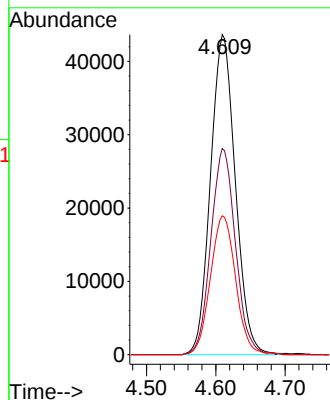
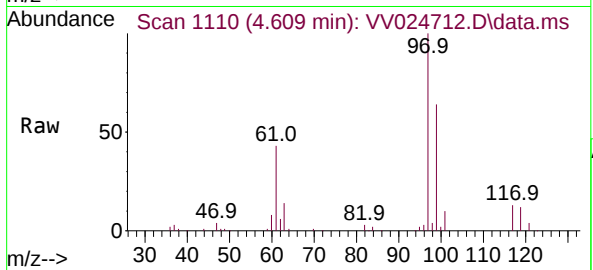
Tgt Ion: 97 Resp: 108803

Ion Ratio Lower Upper

97 100

99 63.8 51.9 77.9

61 44.0 33.2 49.8



#30

Cyclohexane

Concen: 5.549 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VV024712.D

Acq: 16 Feb 2022 21:20

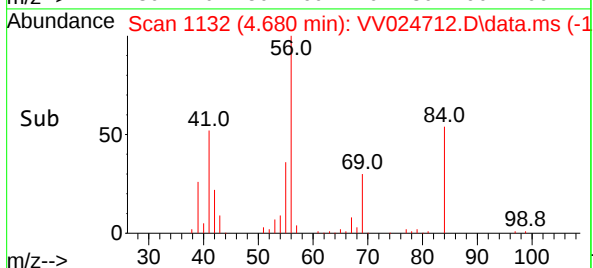
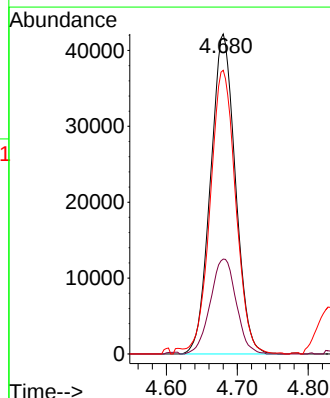
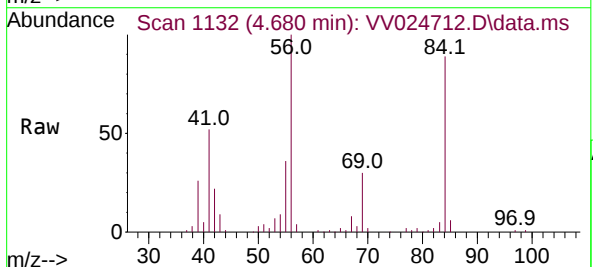
Tgt Ion: 56 Resp: 102674

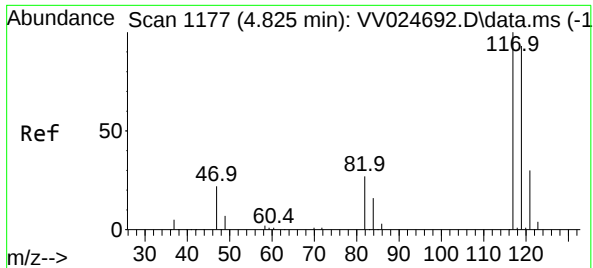
Ion Ratio Lower Upper

56 100

69 30.9 24.8 37.2

84 90.1 75.9 113.9

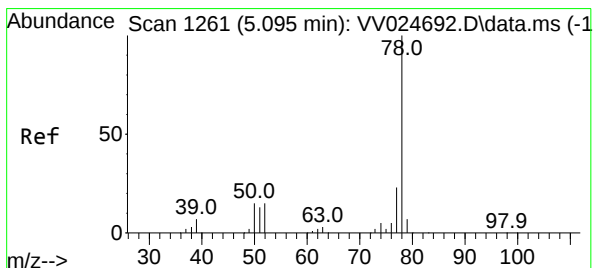
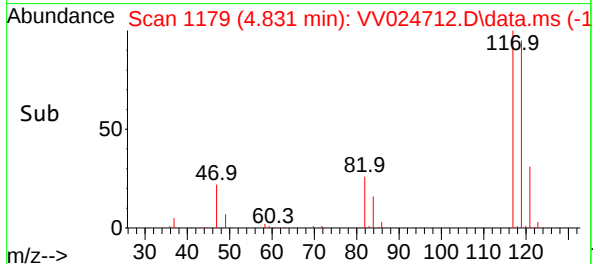
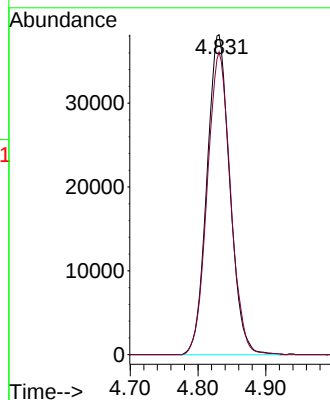
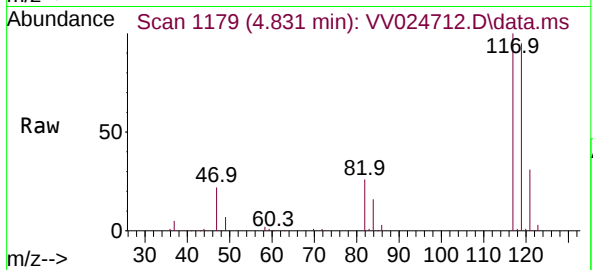




#31
Carbon tetrachloride
Concen: 5.890 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

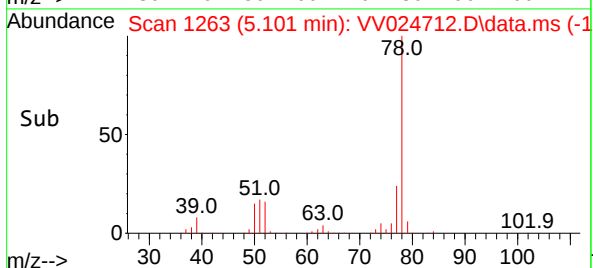
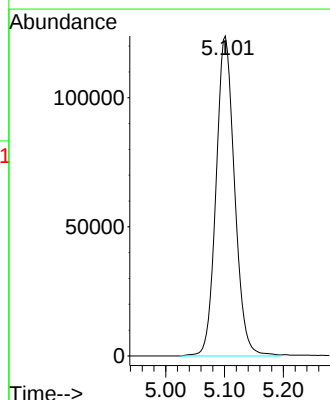
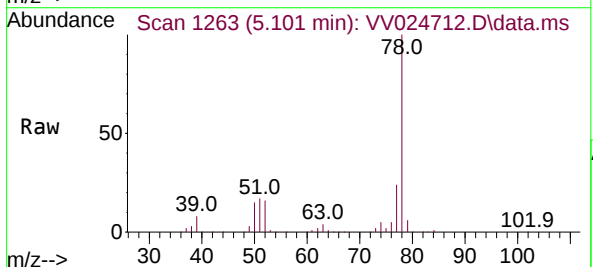
Instrument :
MSVOA_V
ClientSampleId :

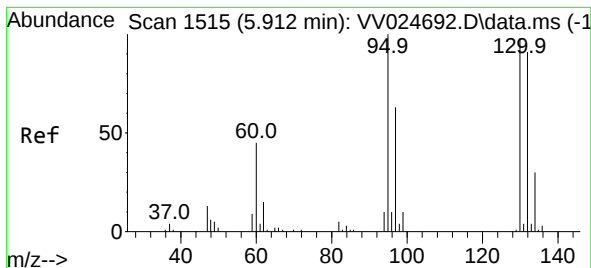
Tgt Ion:117 Resp: 89585
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8



#33
Benzene
Concen: 6.348 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

Tgt Ion: 78 Resp: 271240





#34

Trichloroethene

Concen: 5.956 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024712.D

Acq: 16 Feb 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 70071

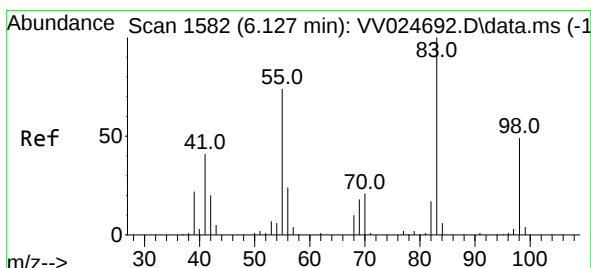
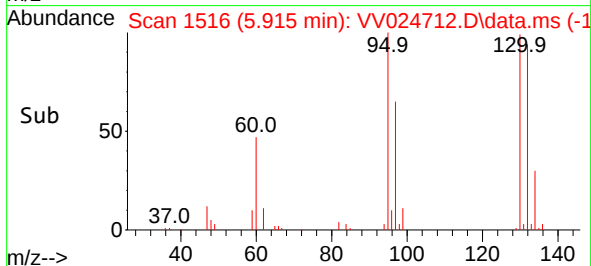
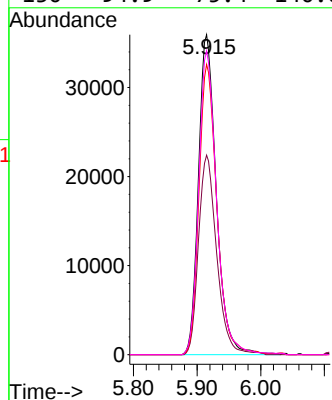
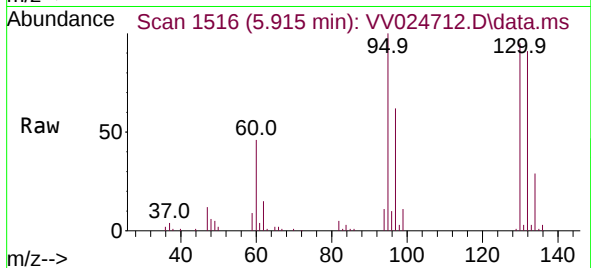
Ion Ratio Lower Upper

95 100

97 62.3 45.2 84.0

132 90.7 76.1 141.3

130 94.9 75.4 140.0



#35

Methylcyclohexane

Concen: 5.194 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV024712.D

Acq: 16 Feb 2022 21:20

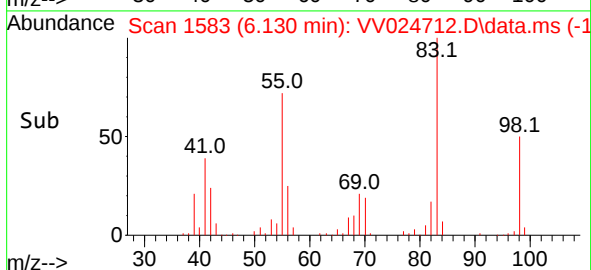
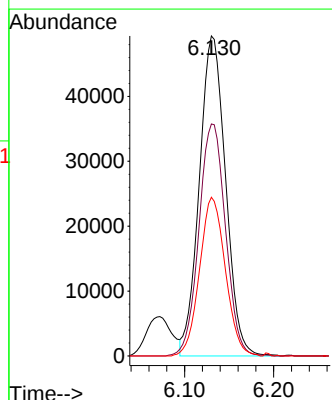
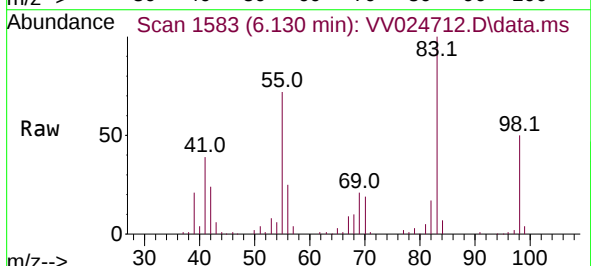
Tgt Ion: 83 Resp: 101100

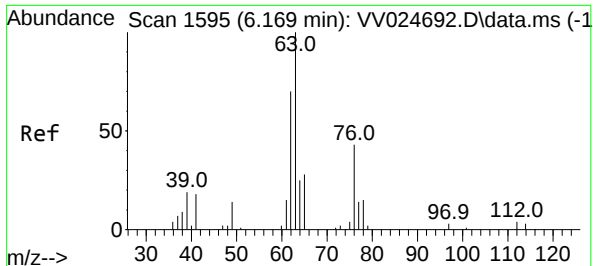
Ion Ratio Lower Upper

83 100

55 73.3 60.2 90.2

98 48.7 41.0 61.4





#37

1,2-Dichloropropane

Concen: 6.373 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV024712.D

Acq: 16 Feb 2022 21:20

Instrument :

MSVOA_V

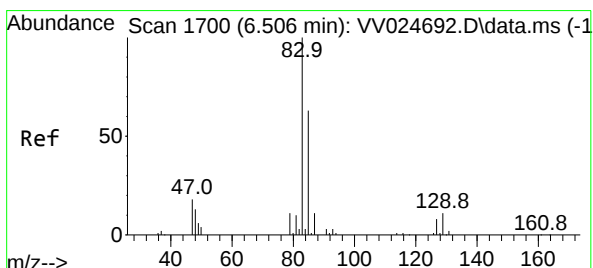
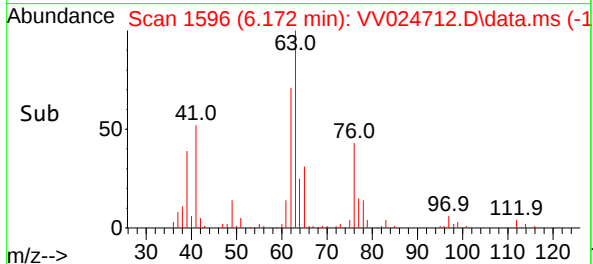
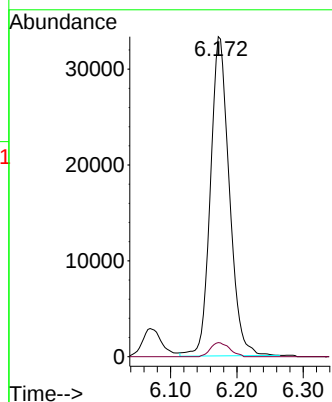
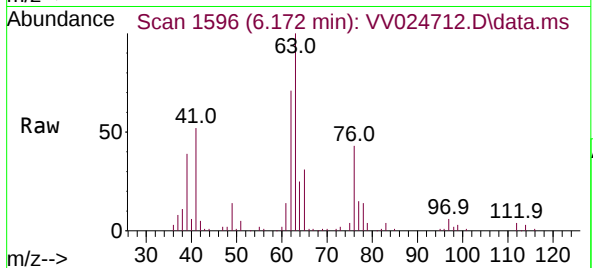
ClientSampleId :

Tgt Ion: 63 Resp: 66000

Ion Ratio Lower Upper

63 100

112 4.5 4.3 6.5



#38

Bromodichloromethane

Concen: 6.081 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV024712.D

Acq: 16 Feb 2022 21:20

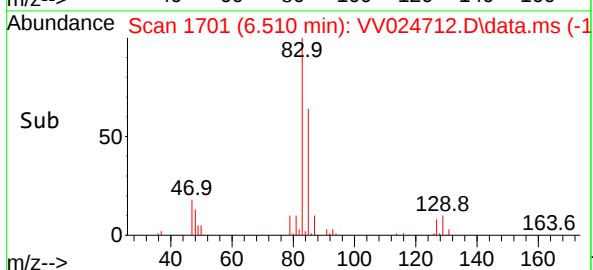
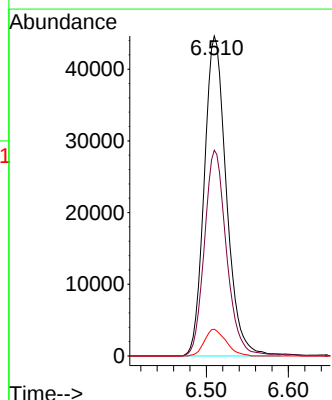
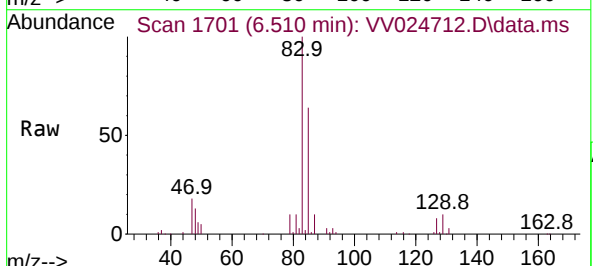
Tgt Ion: 83 Resp: 83705

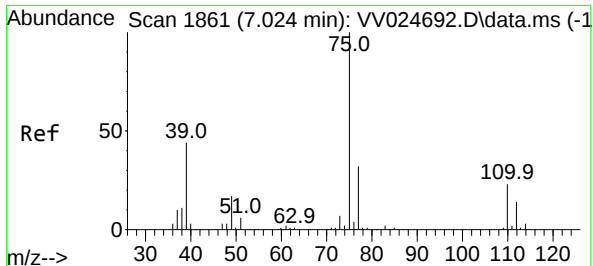
Ion Ratio Lower Upper

83 100

85 64.3 44.0 81.8

127 8.3 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 5.743 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV024712.D

Acq: 16 Feb 2022 21:20

Instrument :

MSVOA_V

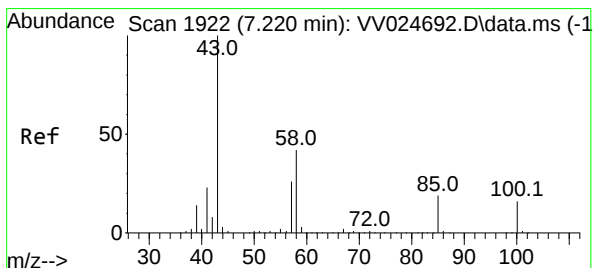
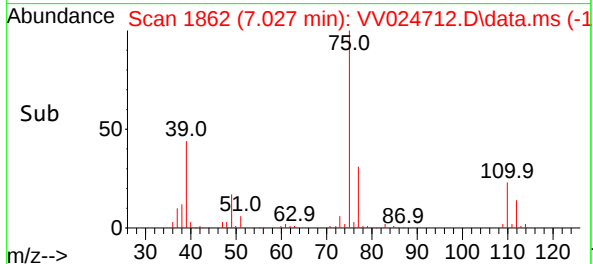
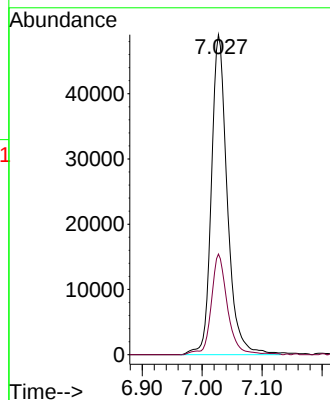
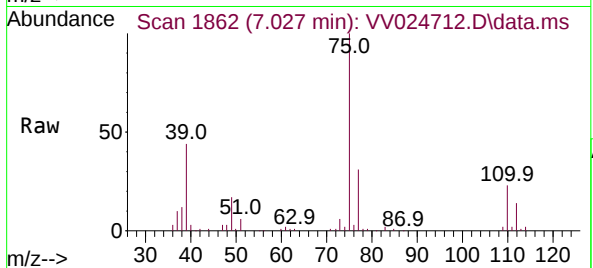
ClientSampleId :

Tgt Ion: 75 Resp: 90638

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 61.414 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV024712.D

Acq: 16 Feb 2022 21:20

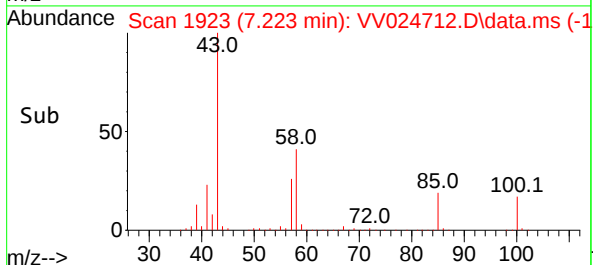
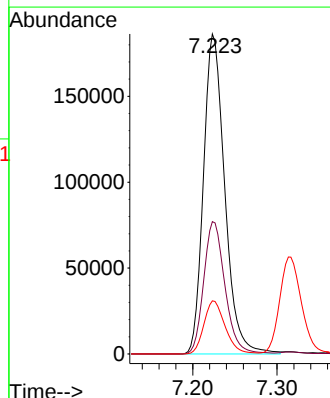
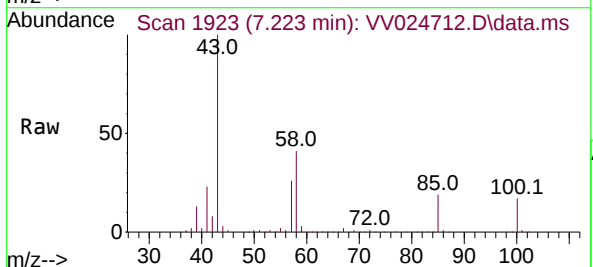
Tgt Ion: 43 Resp: 328218

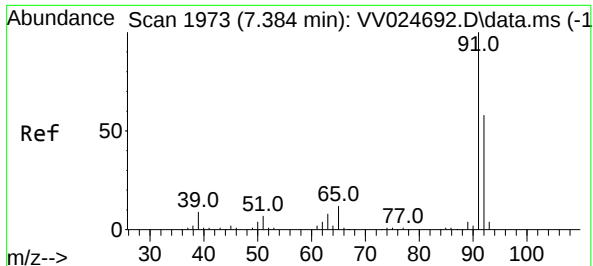
Ion Ratio Lower Upper

43 100

58 41.3 32.3 48.5

100 16.5 13.0 19.6





#42

Toluene

Concen: 6.233 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024712.D

Acq: 16 Feb 2022 21:20

Instrument :

MSVOA_V

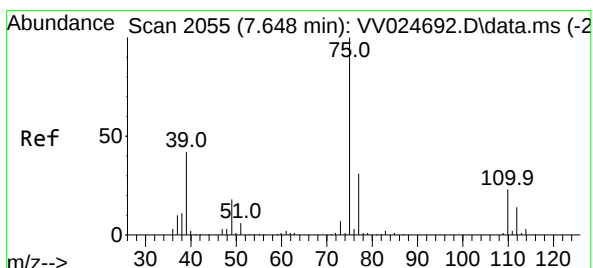
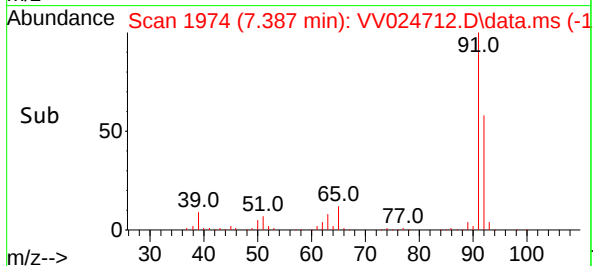
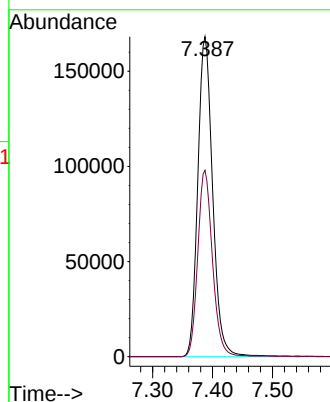
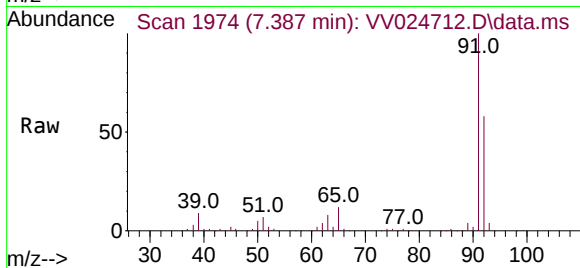
ClientSampleId :

Tgt Ion: 91 Resp: 290113

Ion Ratio Lower Upper

91 100

92 58.3 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.602 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV024712.D

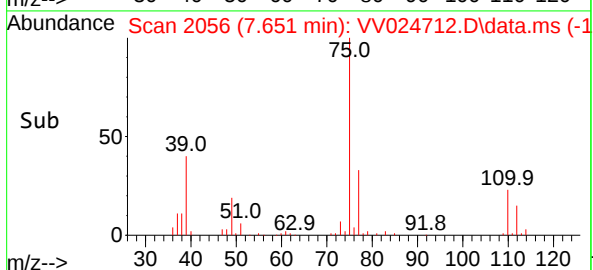
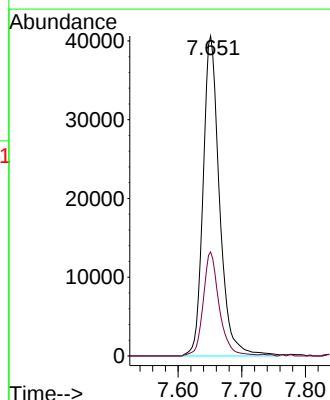
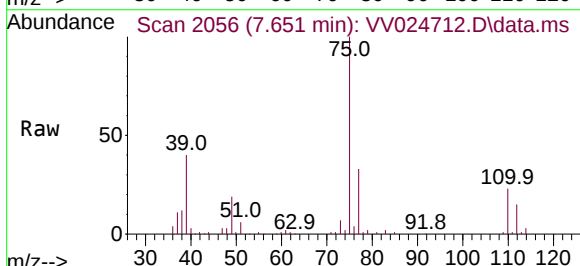
Acq: 16 Feb 2022 21:20

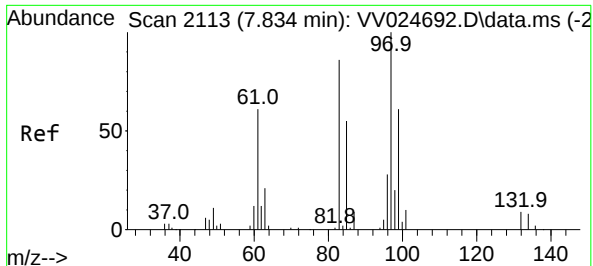
Tgt Ion: 75 Resp: 73032

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.4

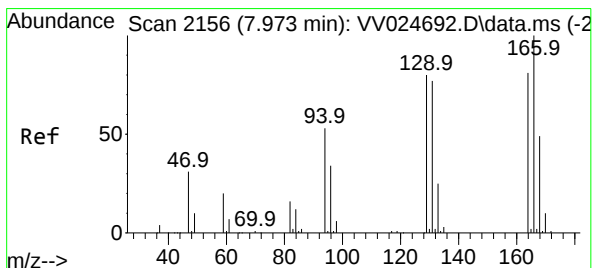
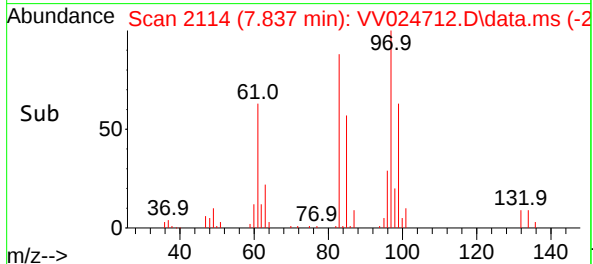
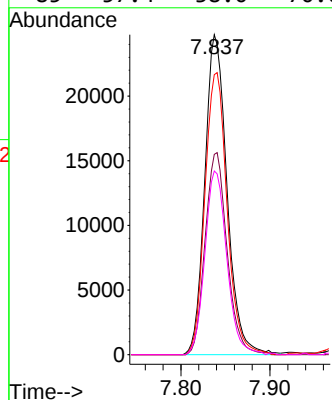
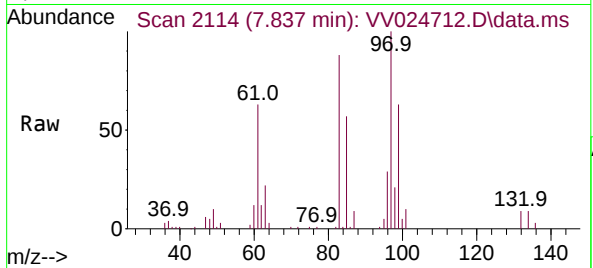




#45
1,1,2-Trichloroethane
Concen: 6.390 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

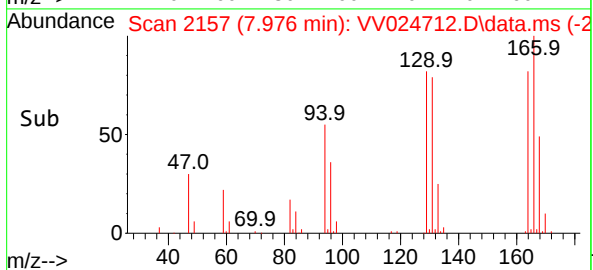
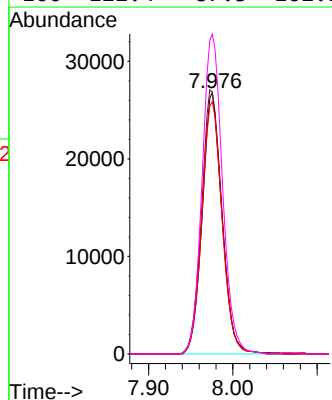
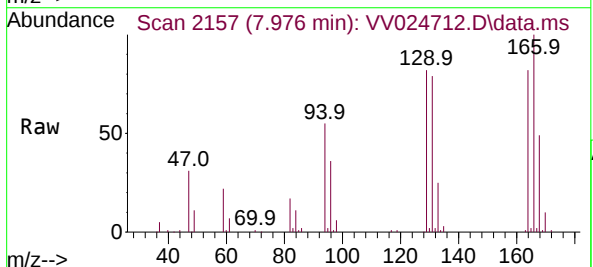
Instrument :
MSVOA_V
ClientSampleId :

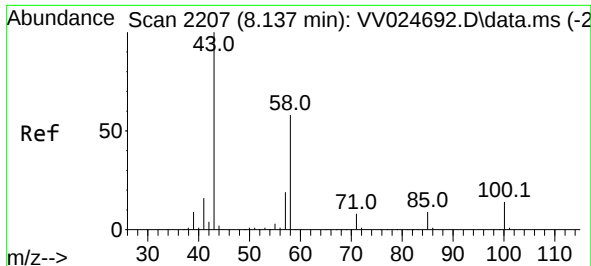
Tgt Ion:	97	Resp:	42886
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.1	80.1
83	87.5	57.9	107.5
85	57.4	38.0	70.6



#47
Tetrachloroethene
Concen: 5.641 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

Tgt Ion:	164	Resp:	44034
Ion	Ratio	Lower	Upper
164	100		
129	100.1	62.6	116.2
131	96.5	61.0	113.4
166	122.4	87.3	162.1



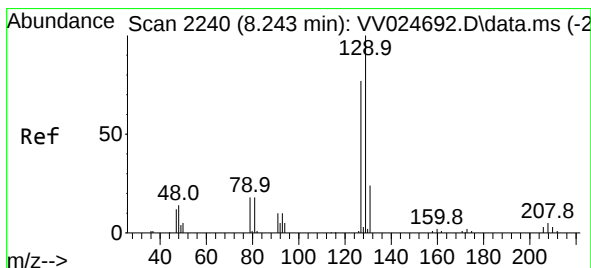
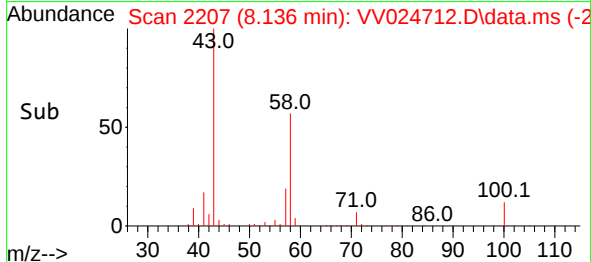
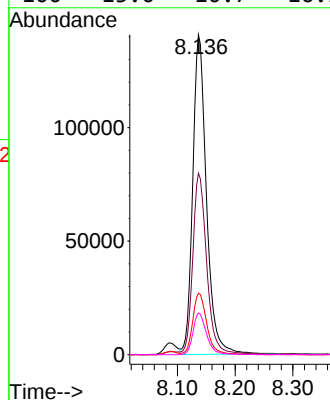
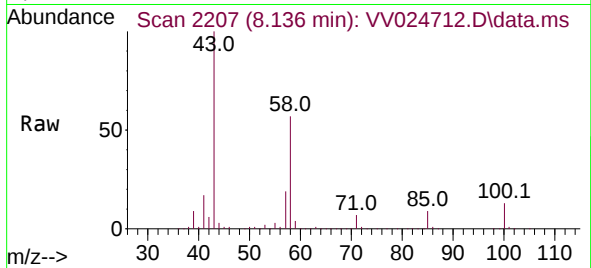


#48
2-Hexanone
Concen: 63.646 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 232841

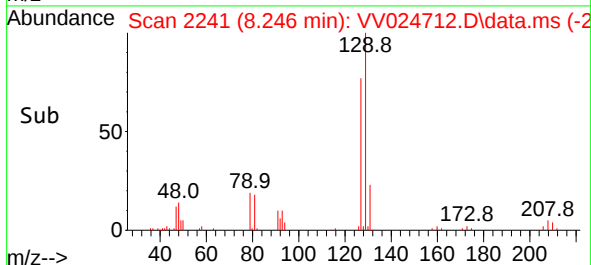
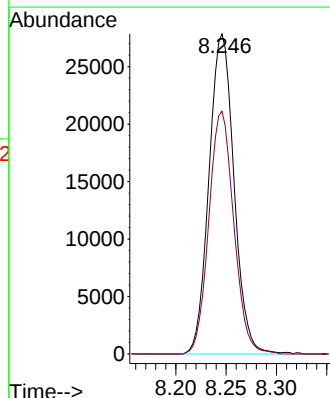
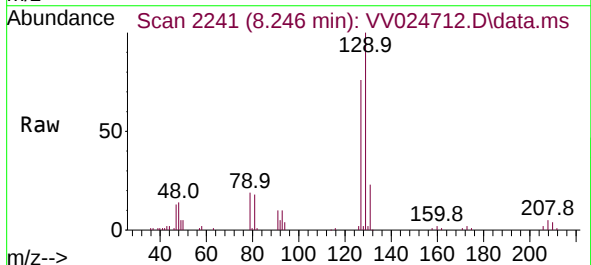
Ion	Ratio	Lower	Upper
43	100		
58	56.6	44.5	66.7
57	19.6	15.1	22.7
100	13.0	10.7	16.1

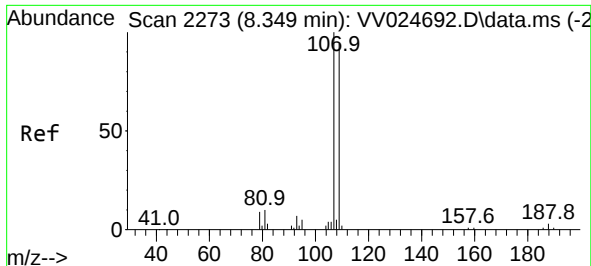


#49
Dibromochloromethane
Concen: 5.931 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

Tgt Ion: 129 Resp: 48064

Ion	Ratio	Lower	Upper
129	100		
127	75.8	53.5	99.3





#50

1,2-Dibromoethane

Concen: 6.295 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024712.D

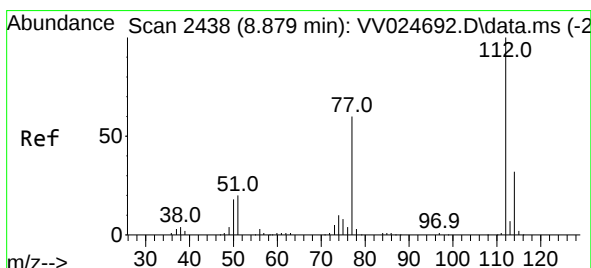
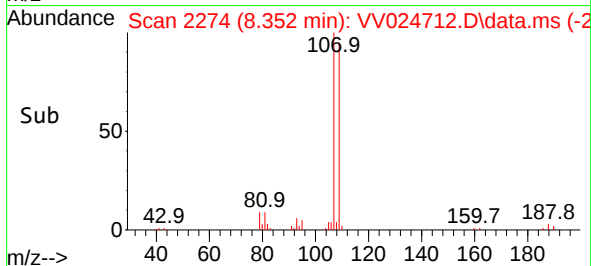
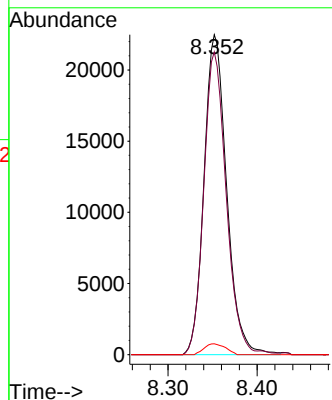
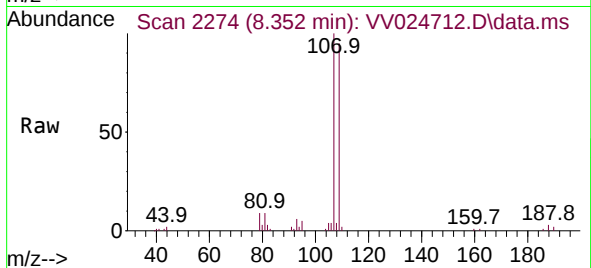
Acq: 16 Feb 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	39654
Ion	Ratio	Lower	Upper
107	100		
109	94.6	62.5	116.1
188	3.4	3.4	5.2#



#51

Chlorobenzene

Concen: 6.177 ug/L

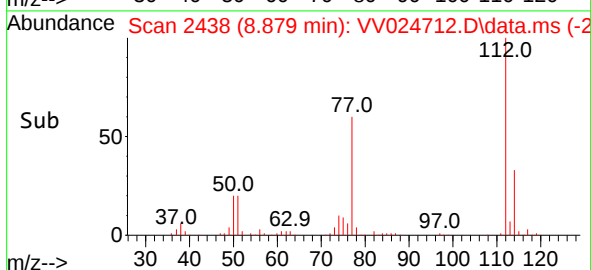
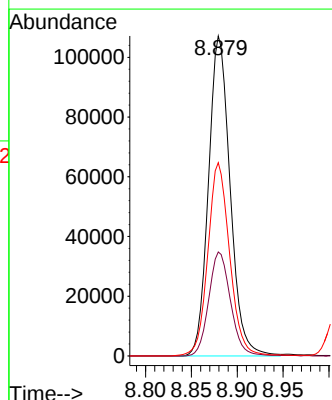
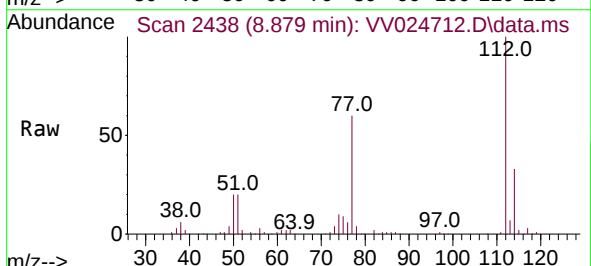
RT: 8.879 min Scan# 2438

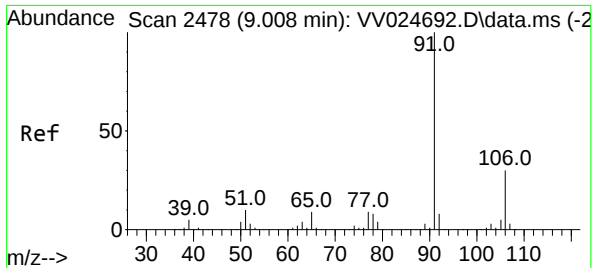
Delta R.T. -0.000 min

Lab File: VV024712.D

Acq: 16 Feb 2022 21:20

Tgt Ion:	112	Resp:	176192
Ion	Ratio	Lower	Upper
112	100		
114	32.5	23.3	43.3
77	60.4	43.3	64.9

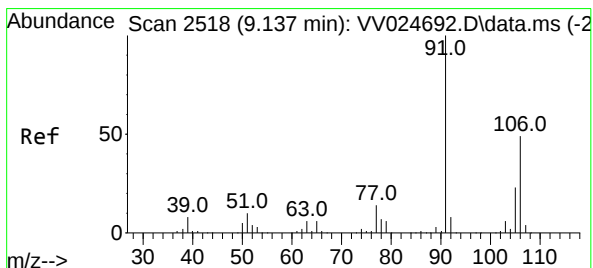
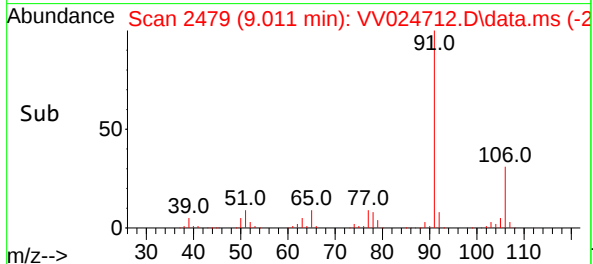
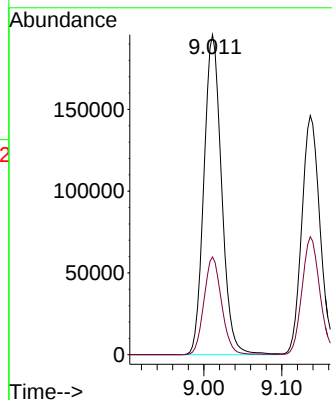
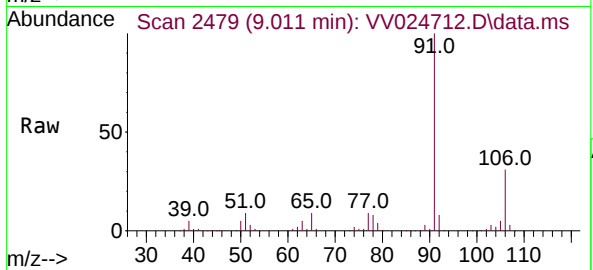




#52
Ethylbenzene
Concen: 5.953 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

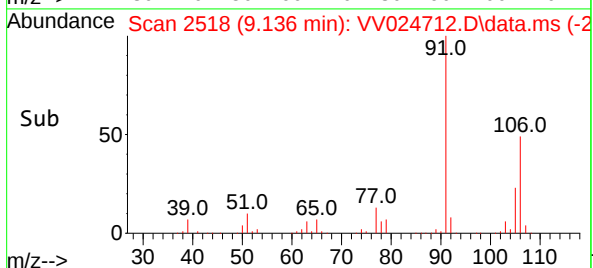
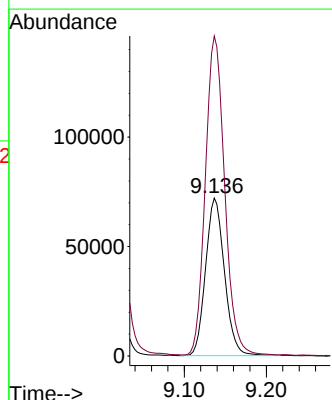
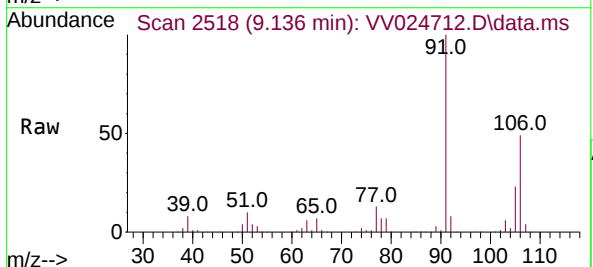
Instrument :
MSVOA_V
ClientSampleId :

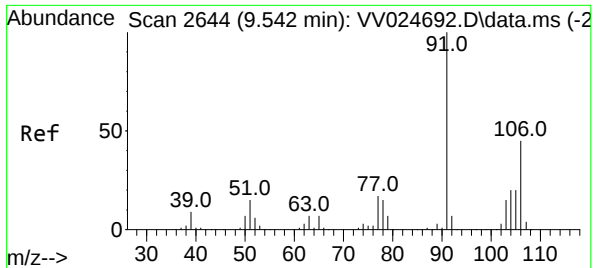
Tgt Ion: 91 Resp: 308294
Ion Ratio Lower Upper
91 100
106 30.6 22.0 41.0



#53
m,p-xylene
Concen: 5.867 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

Tgt Ion: 106 Resp: 115090
Ion Ratio Lower Upper
106 100
91 202.7 139.5 259.1

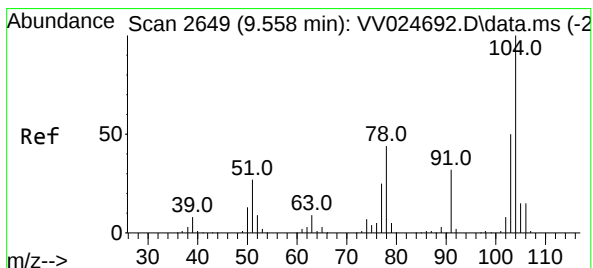
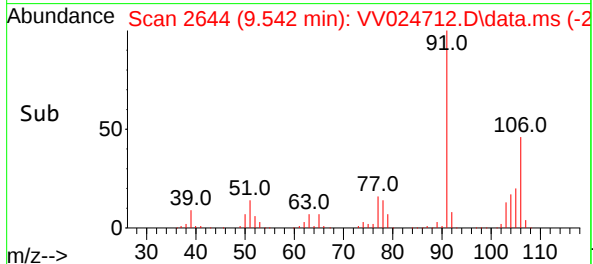
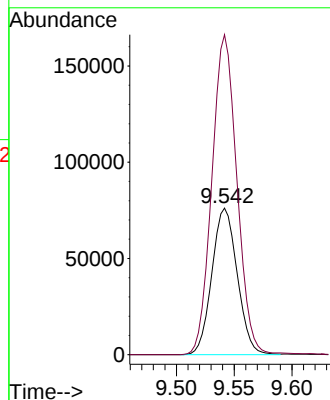
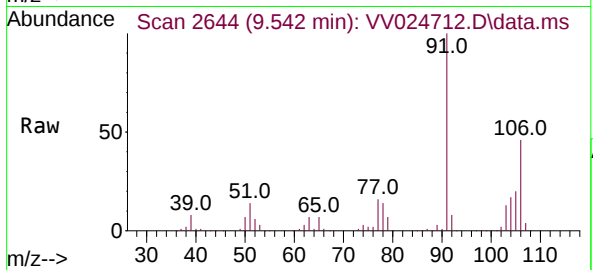




#54
o-xylene
Concen: 6.148 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

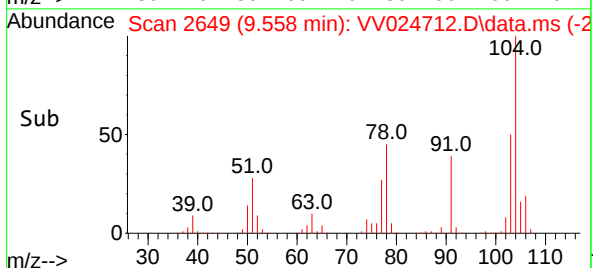
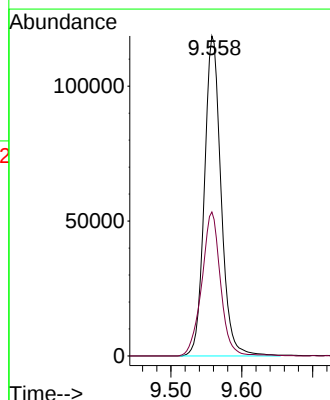
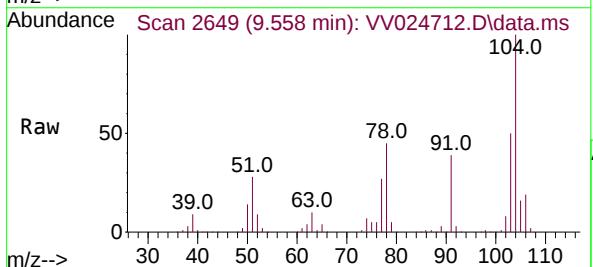
Instrument :
MSVOA_V
ClientSampleId :

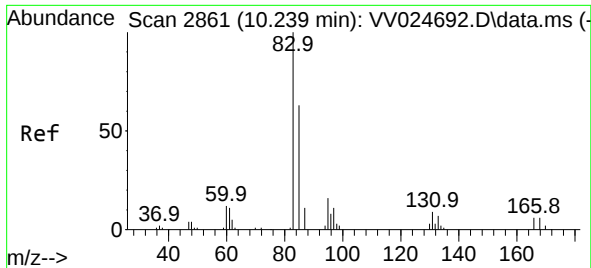
Tgt Ion:106 Resp: 116295
Ion Ratio Lower Upper
106 100
91 218.3 147.9 274.7



#55
Styrene
Concen: 6.235 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

Tgt Ion:104 Resp: 193617
Ion Ratio Lower Upper
104 100
78 45.0 31.0 57.6

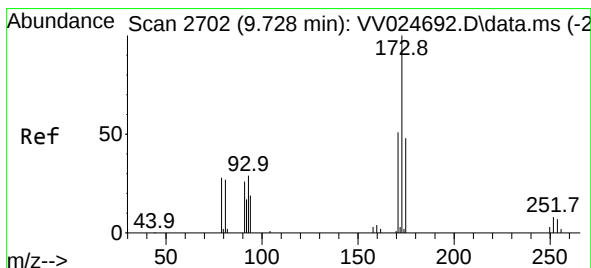
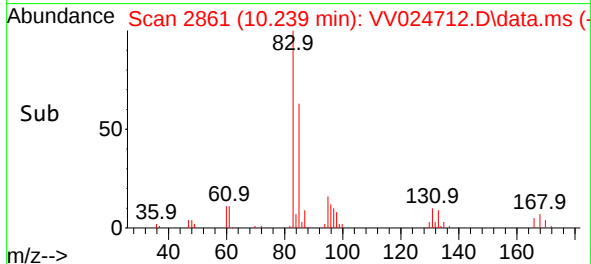
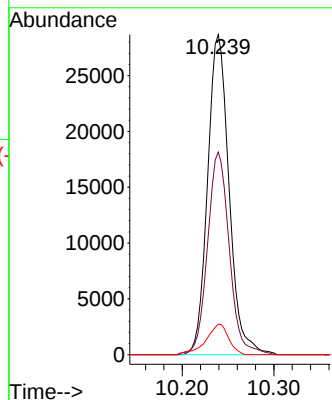
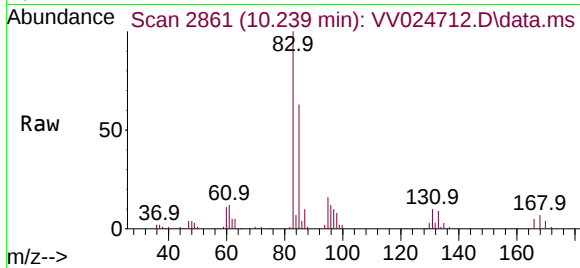




#57
 1,1,2,2-Tetrachloroethane
 Concen: 6.868 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024712.D
 Acq: 16 Feb 2022 21:20

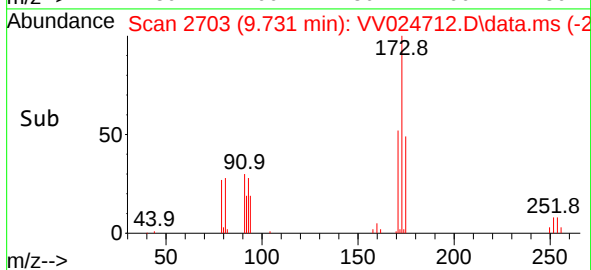
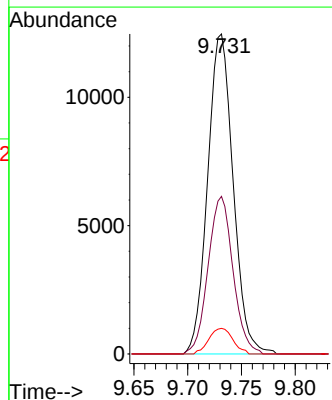
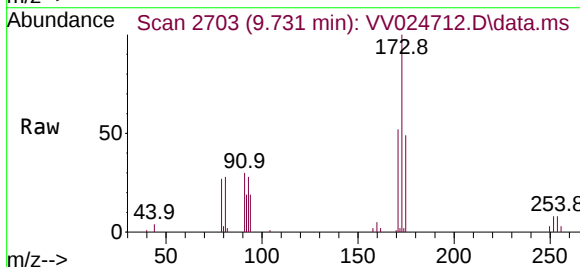
Instrument :
 MSVOA_V
 ClientSampleId :

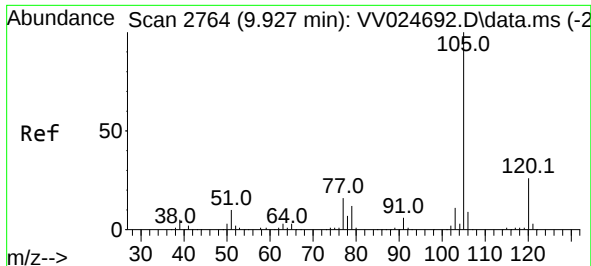
Tgt Ion: 83 Resp: 46690
 Ion Ratio Lower Upper
 83 100
 85 63.3 44.6 82.8
 131 9.5 8.3 12.5



#59
 Bromoform
 Concen: 5.779 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV024712.D
 Acq: 16 Feb 2022 21:20

Tgt Ion: 173 Resp: 20545
 Ion Ratio Lower Upper
 173 100
 175 48.1 39.4 59.2
 254 7.5 7.4 11.0

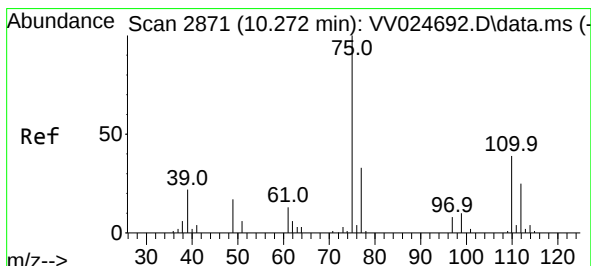
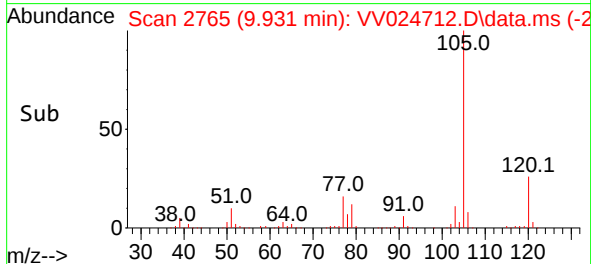
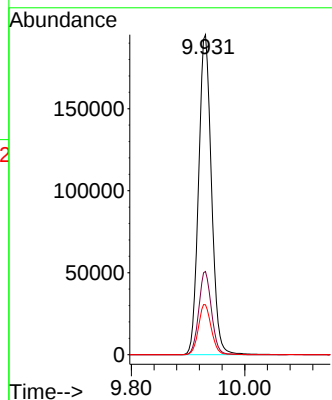
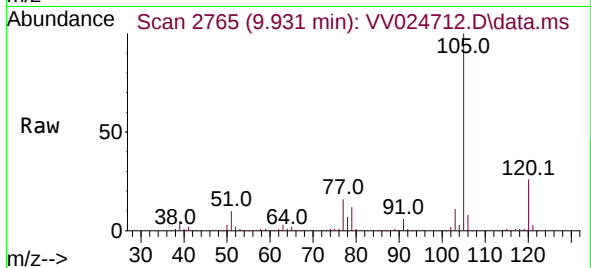




#60
Isopropylbenzene
Concen: 6.077 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

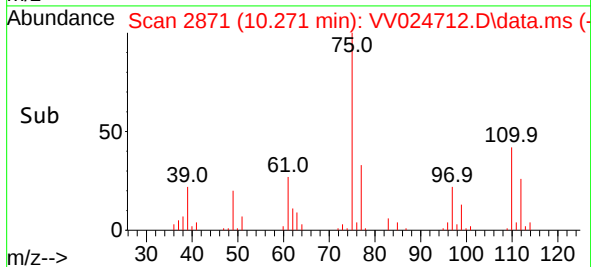
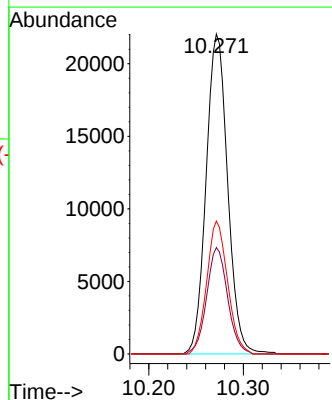
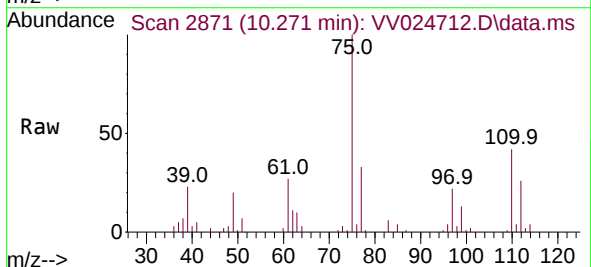
Instrument :
MSVOA_V
ClientSampleId :

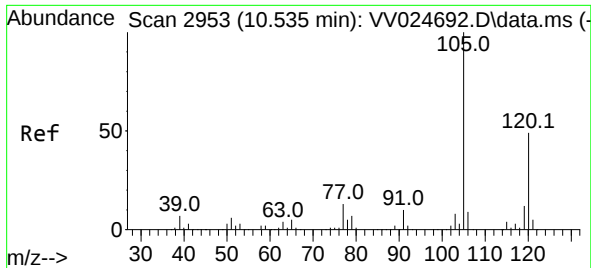
Tgt Ion:105 Resp: 306680
Ion Ratio Lower Upper
105 100
120 25.7 21.4 32.0
77 15.7 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 6.358 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

Tgt Ion: 75 Resp: 34876
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6
110 40.4 34.2 51.2

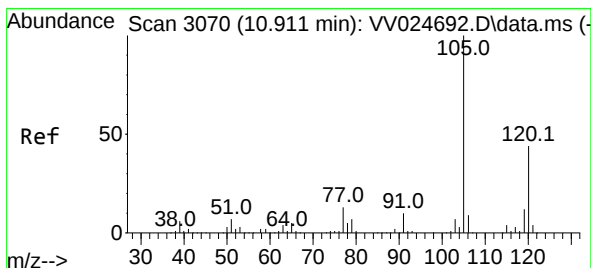
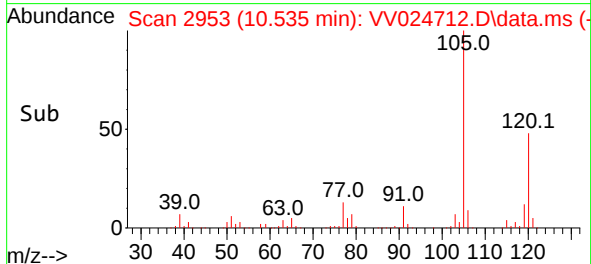
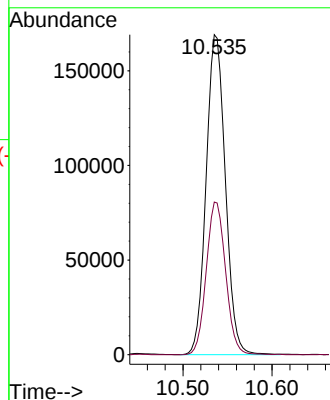
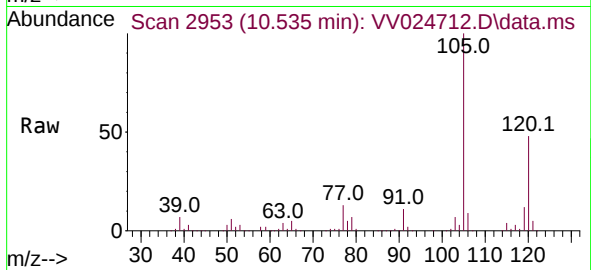




#62
 1,3,5-Trimethylbenzene
 Concen: 5.874 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. -0.000 min
 Lab File: VV024712.D
 Acq: 16 Feb 2022 21:20

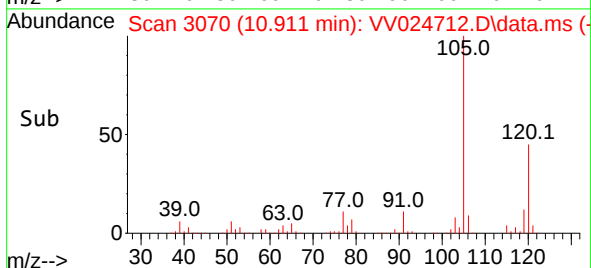
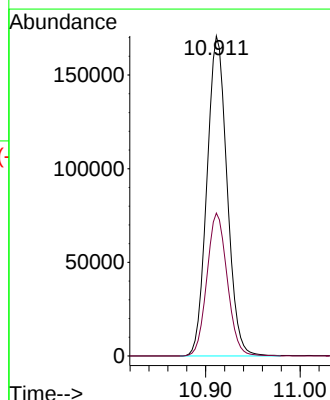
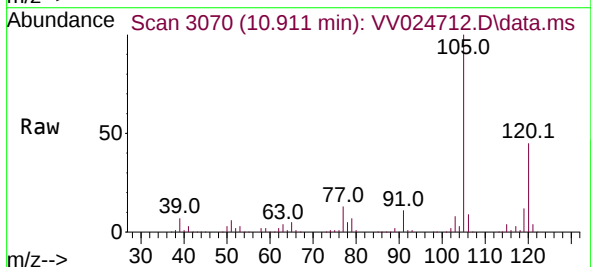
Instrument :
 MSVOA_V
 ClientSampleId :

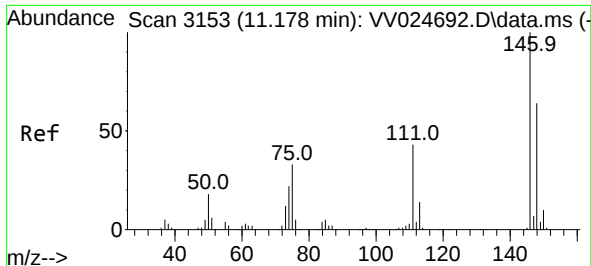
Tgt Ion:105 Resp: 253842
 Ion Ratio Lower Upper
 105 100
 120 47.9 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.875 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV024712.D
 Acq: 16 Feb 2022 21:20

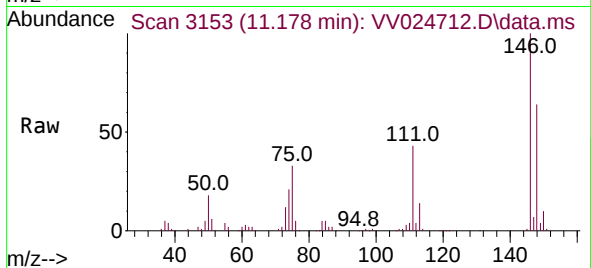
Tgt Ion:105 Resp: 252374
 Ion Ratio Lower Upper
 105 100
 120 45.1 36.7 55.1



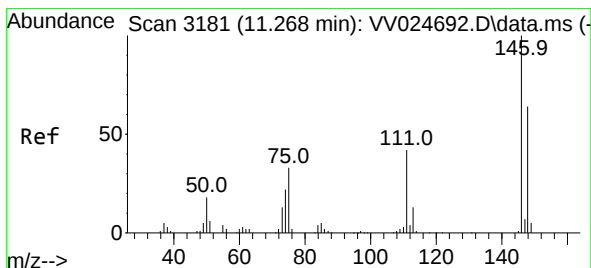
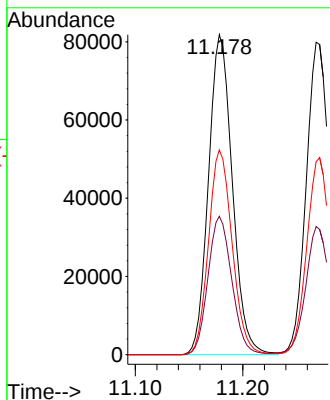
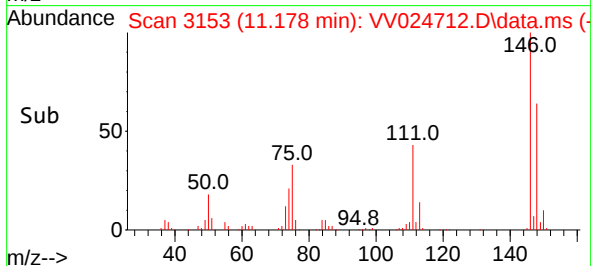


#64
1,3-Dichlorobenzene
Concen: 6.147 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

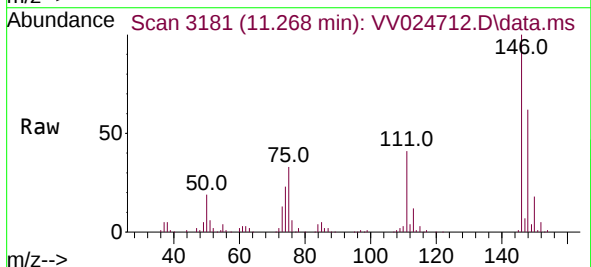
Instrument :
MSVOA_V
ClientSampleId :



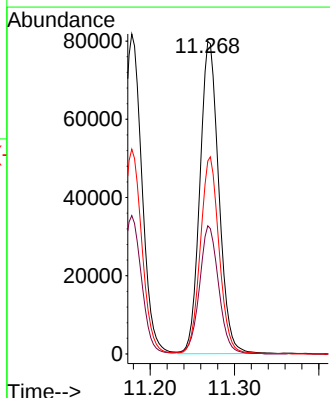
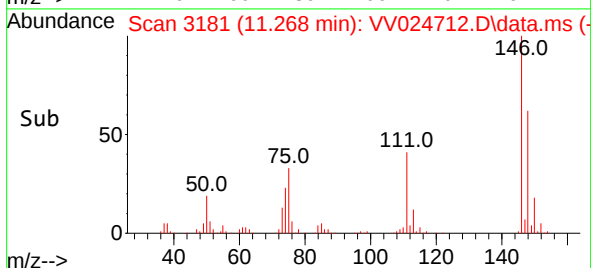
Tgt Ion:146 Resp: 126274
Ion Ratio Lower Upper
146 100
111 43.3 26.3 48.9
148 64.0 44.4 82.5

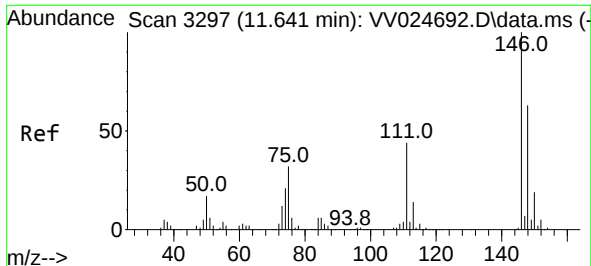


#65
1,4-Dichlorobenzene
Concen: 6.119 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20



Tgt Ion:146 Resp: 124846
Ion Ratio Lower Upper
146 100
111 41.0 25.6 47.6
148 61.7 44.8 83.2

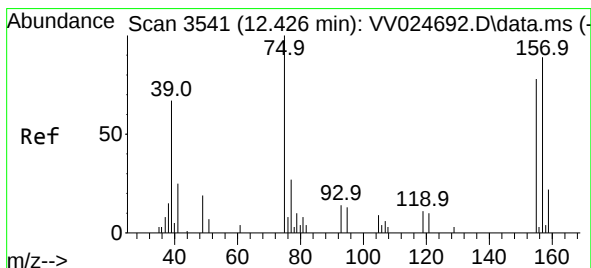
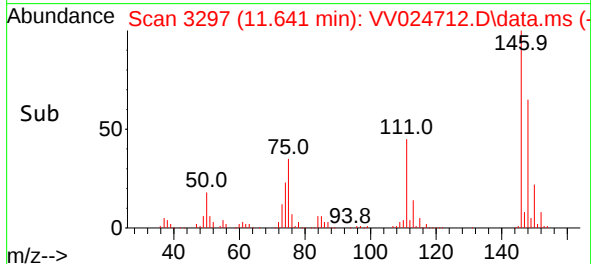
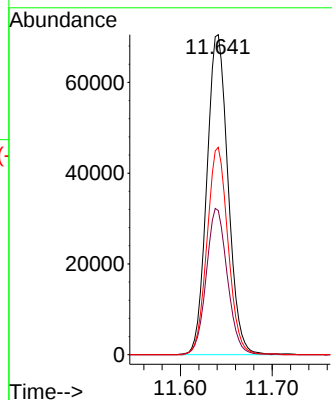
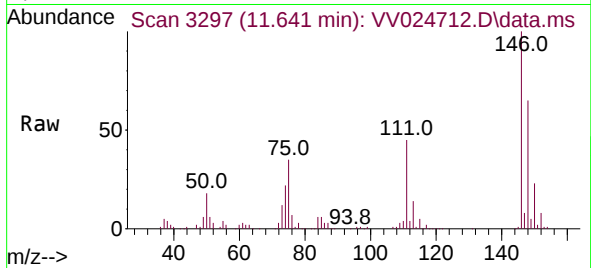




#67
1,2-Dichlorobenzene
Concen: 6.217 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

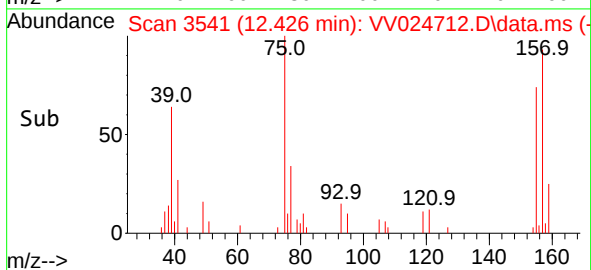
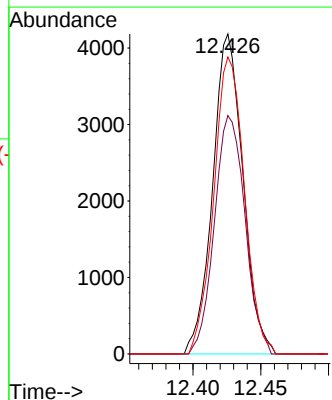
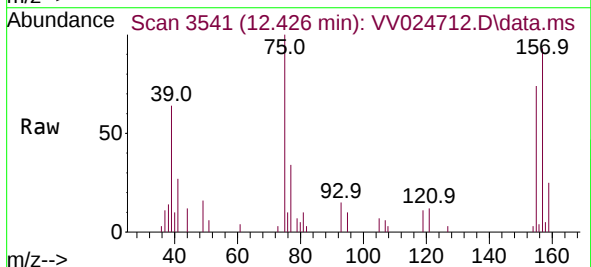
Instrument :
MSVOA_V
ClientSampleId :

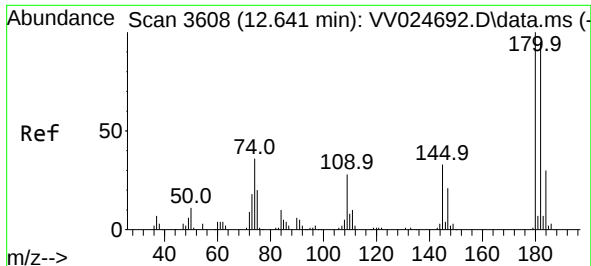
Tgt Ion:146 Resp: 113369
Ion Ratio Lower Upper
146 100
111 45.0 31.9 47.9
148 64.8 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 6.084 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

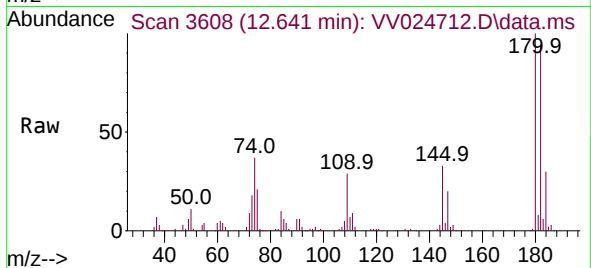
Tgt Ion: 75 Resp: 6482
Ion Ratio Lower Upper
75 100
155 74.5 71.7 107.5
157 92.8 103.3 154.9#



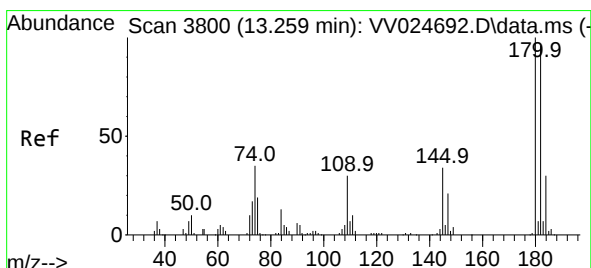
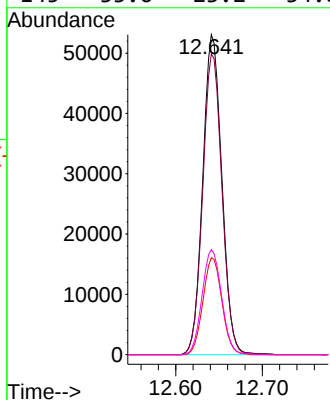
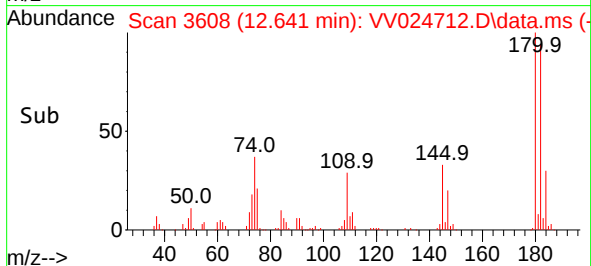


#69
 1,3,5-Trichlorobenzene
 Concen: 5.561 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV024712.D
 Acq: 16 Feb 2022 21:20

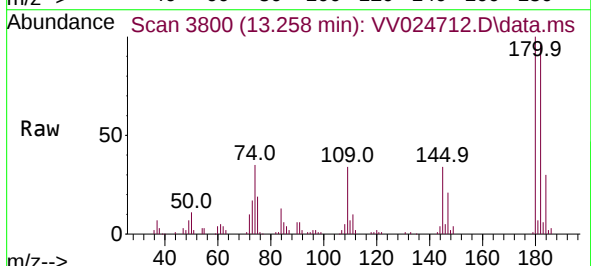
Instrument :
 MSVOA_V
 ClientSampleId :



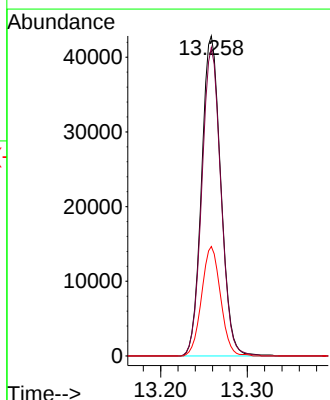
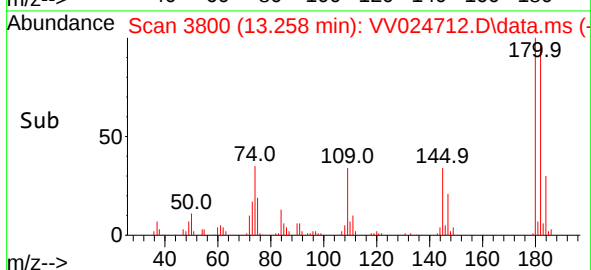
Tgt Ion:180 Resp: 81270
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.4 114.6
 184 30.1 24.2 36.4
 145 33.6 23.2 34.8

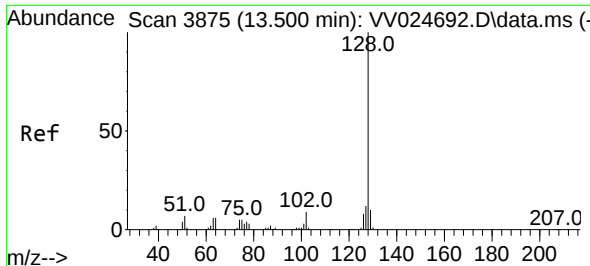


#70
 1,2,4-trichlorobenzene
 Concen: 5.599 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024712.D
 Acq: 16 Feb 2022 21:20



Tgt Ion:180 Resp: 66081
 Ion Ratio Lower Upper
 180 100
 182 95.6 74.4 111.6
 145 33.7 23.3 34.9

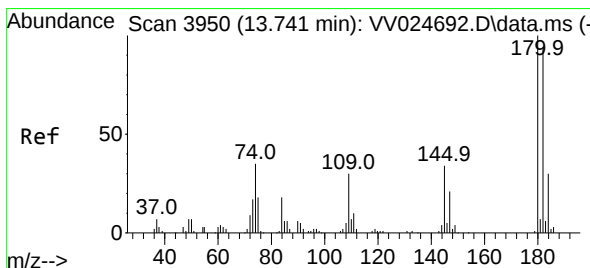
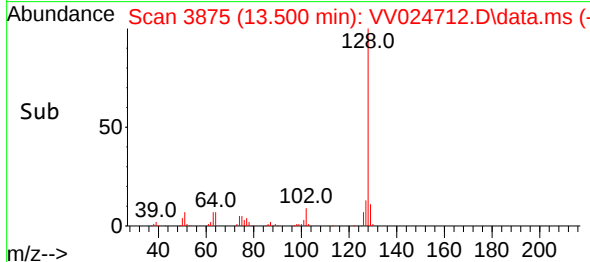
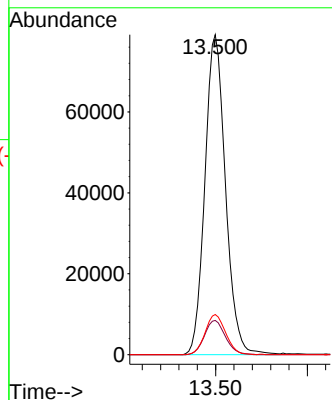
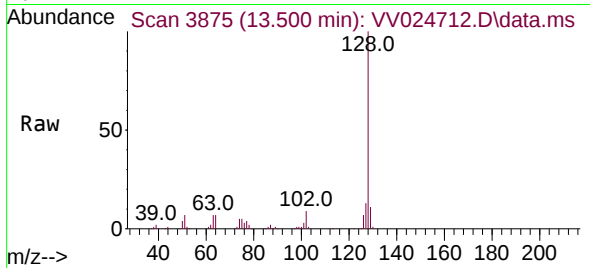




#71
Naphthalene
Concen: 5.763 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 123190
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: 5.862 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV024712.D
Acq: 16 Feb 2022 21:20

Tgt Ion:180 Resp: 58185
Ion Ratio Lower Upper
180 100
182 95.9 76.8 115.2
145 35.5 25.8 38.6

