

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022122\
 Data File : VW024788.D
 Acq On : 21 Feb 2022 20:12
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 22 03:32:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 22 03:27:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	165267	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	151791	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72143	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	52636	3.755	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.568	69	47309	4.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.111	63	104308	4.061	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	3.886	46	107172	53.525	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.060%
24) Chloroform-d	4.352	84	101207	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.034	65	45214	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.050	84	201152	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.069	67	60549	4.699	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.314	98	175698	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.622	79	19871	4.629	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.088	63	84900	50.259	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.520%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36687	4.724	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	55745	4.466	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	77542	4.812	ug/L	100
3) Chloromethane	1.243	50	82819	5.145	ug/L	99
5) Vinyl chloride	1.314	62	87531	4.953	ug/L	98
6) Bromomethane	1.523	94	51757	4.903	ug/L	99
8) Chloroethane	1.587	64	52252	4.800	ug/L	99
9) Trichlorofluoromethane	1.754	101	110680	4.771	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	60943	4.524	ug/L	99
12) 1,1-Dichloroethene	2.121	96	63268	4.916	ug/L	95
13) Acetone	2.179	43	71808	50.855	ug/L	94
14) Carbon disulfide	2.298	76	176934	4.898	ug/L	99
15) Methyl Acetate	2.436	43	20429	5.526	ug/L	97
16) Methylene chloride	2.510	84	65564	5.174	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	132504	5.237	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	65535	5.214	ug/L	97
19) 1,1-Dichloroethane	3.191	63	121549	5.281	ug/L	99
21) 2-Butanone	3.970	43	121922	55.876	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	70542	5.309	ug/L	96
23) Bromochloromethane	4.249	128	27025	5.262	ug/L	93
25) Chloroform	4.375	83	127306	5.295	ug/L	98

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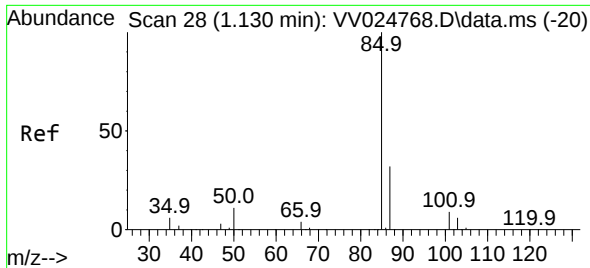
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	66566	5.187	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	105614	5.184	ug/L	99
30) Cyclohexane	4.680	56	99788	4.829	ug/L	98
31) Carbon tetrachloride	4.828	117	87332	5.099	ug/L	99
33) Benzene	5.098	78	274155	5.335	ug/L	100
34) Trichloroethene	5.915	95	70929	5.210	ug/L	98
35) Methylcyclohexane	6.130	83	104216	4.738	ug/L	99
37) 1,2-Dichloropropane	6.172	63	66086	5.443	ug/L	100
38) Bromodichloromethane	6.510	83	81504	5.333	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	87995	5.225	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	311239	53.887	ug/L	99
42) Toluene	7.387	91	285292	5.214	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	68922	5.122	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	42568	5.389	ug/L	99
47) Tetrachloroethene	7.976	164	46259	4.990	ug/L	98
48) 2-Hexanone	8.137	43	219098	53.953	ug/L	99
49) Dibromochloromethane	8.246	129	46133	5.263	ug/L	99
50) 1,2-Dibromoethane	8.352	107	38280	5.311	ug/L	100
51) Chlorobenzene	8.879	112	176770	5.164	ug/L	98
52) Ethylbenzene	9.011	91	308889	5.173	ug/L	100
53) m,p-xylene	9.137	106	118348	5.243	ug/L	98
54) o-xylene	9.542	106	113569	5.148	ug/L	100
55) Styrene	9.558	104	189835	5.291	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	41340	4.948	ug/L	97
59) Bromoform	9.731	173	18213	4.987	ug/L #	98
60) Isopropylbenzene	9.931	105	302350	5.067	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	34014	5.203	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	253787	5.102	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	251523	5.094	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	128067	5.089	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	126787	5.044	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	114949	5.178	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5599	5.009	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	89418	5.011	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	71098	5.057	ug/L	99
71) Naphthalene	13.500	128	120652	5.046	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	59915	5.092	ug/L	99

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

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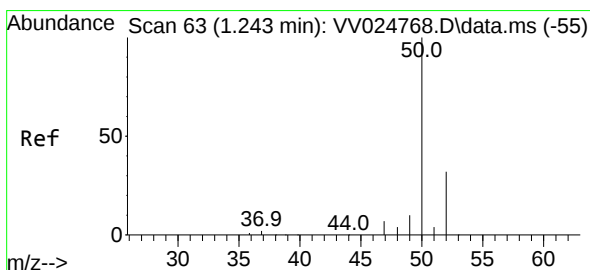
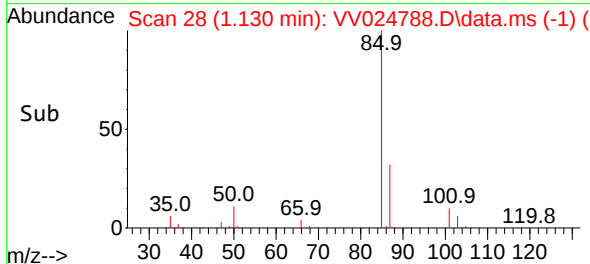
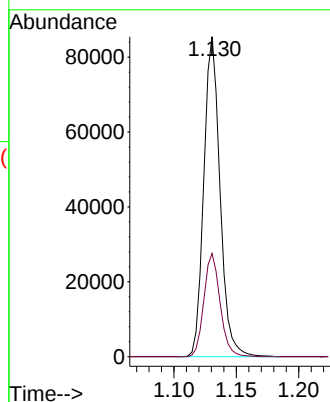
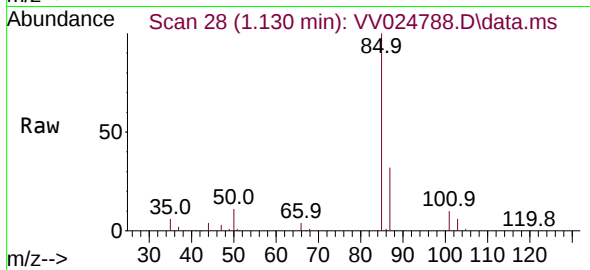




#2
 Dichlorodifluoromethane
 Concen: 4.812 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024788.D
 Acq: 21 Feb 2022 20:12

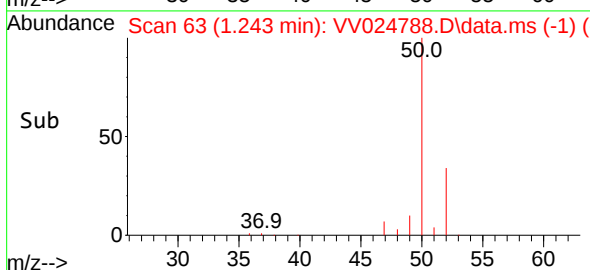
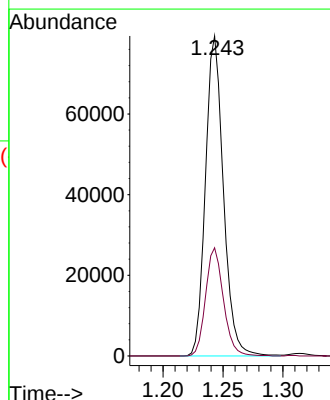
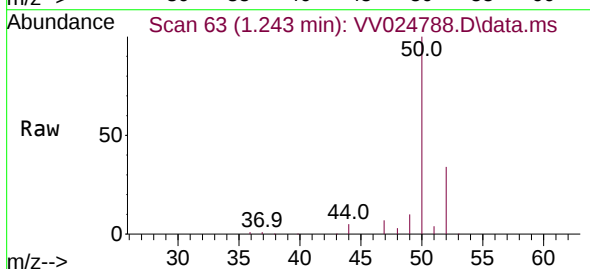
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 MSVOA_V
 ClientSampleId :

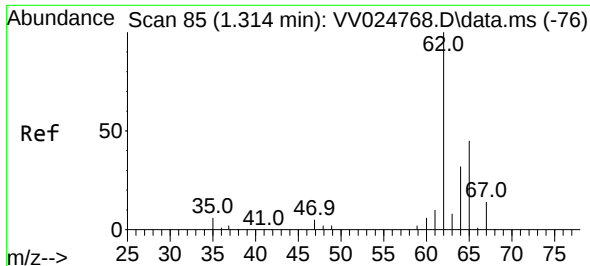
Tgt Ion: 85 Resp: 77542
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.9 38.9



#3
 Chloromethane
 Concen: 5.145 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024788.D
 Acq: 21 Feb 2022 20:12

Tgt Ion: 50 Resp: 82819
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.3 43.3

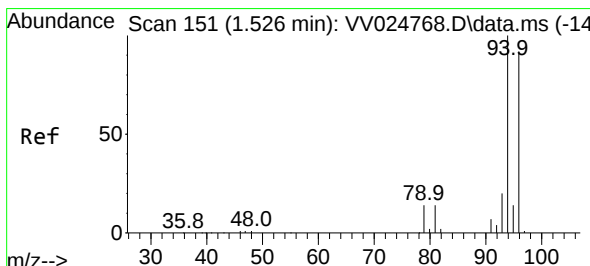
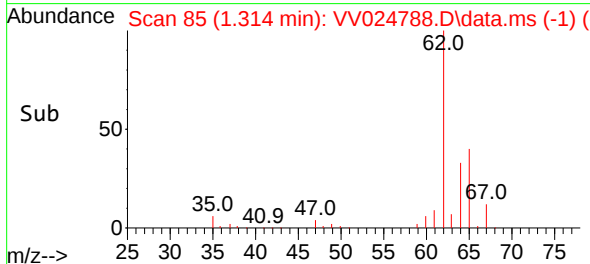
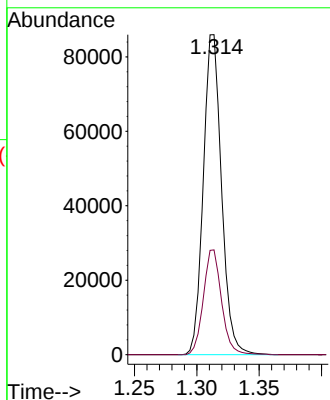
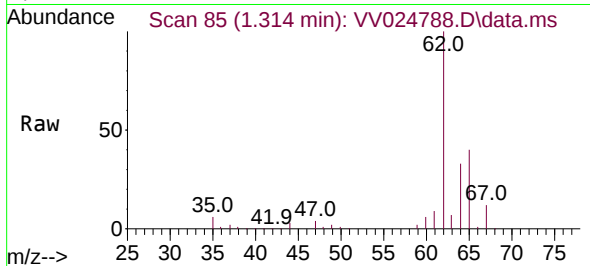




#5
 Vinyl chloride
 Concen: 4.953 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV024788.D
 Acq: 21 Feb 2022 20:12

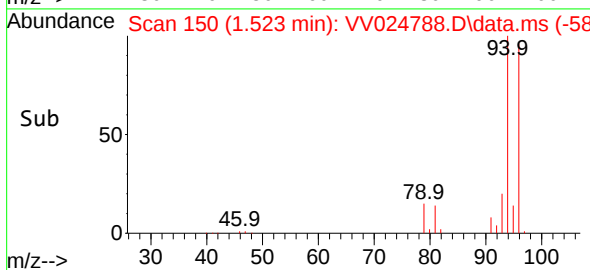
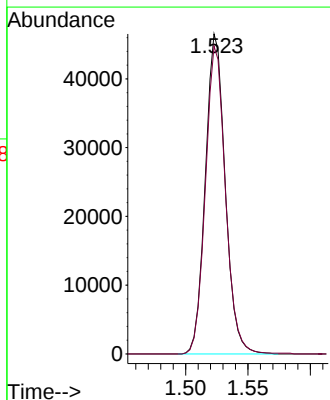
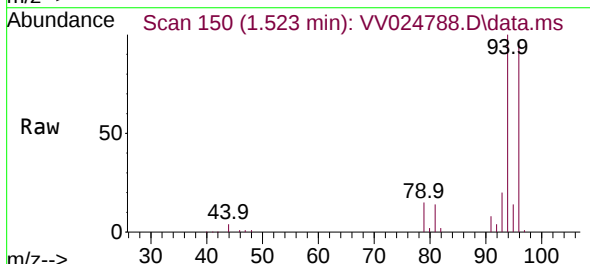
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 ClientSampleId :

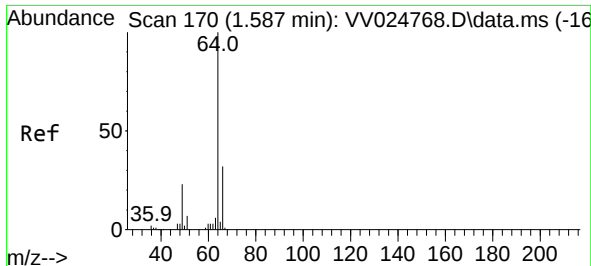
Tgt Ion: 62 Resp: 87531
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.2 41.2



#6
 Bromomethane
 Concen: 4.903 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV024788.D
 Acq: 21 Feb 2022 20:12

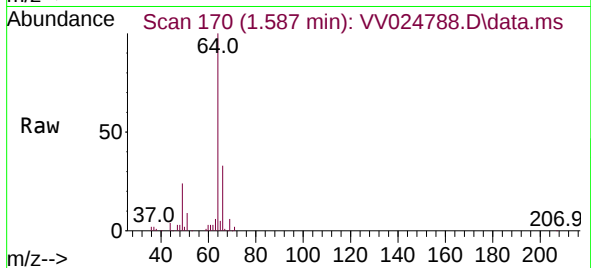
Tgt Ion: 94 Resp: 51757
 Ion Ratio Lower Upper
 94 100
 96 96.2 66.5 123.5



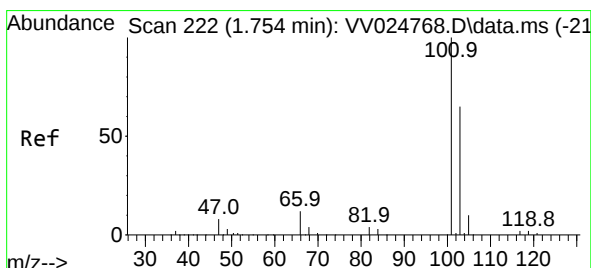
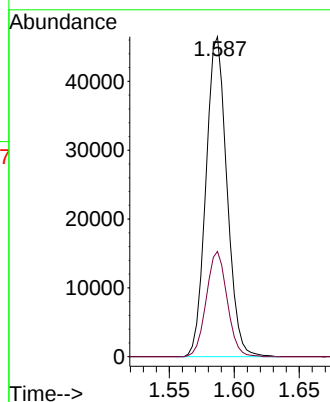
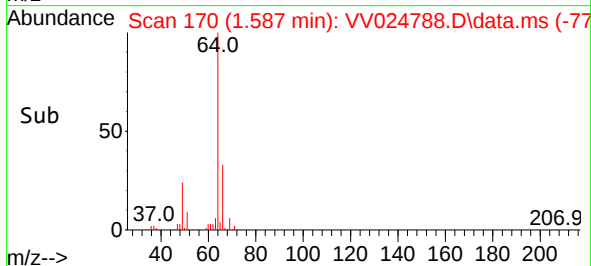


#8
Chloroethane
Concen: 4.800 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

Instrument :
MSVOA_V
ClientSampleId :

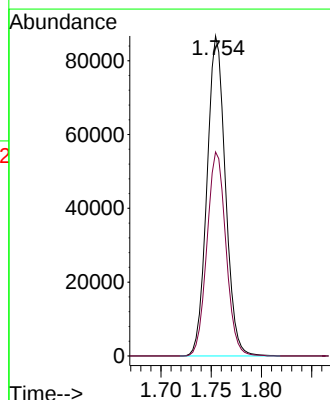
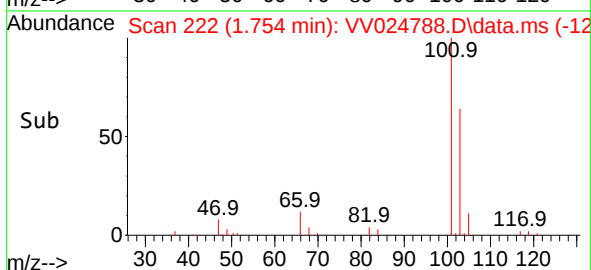
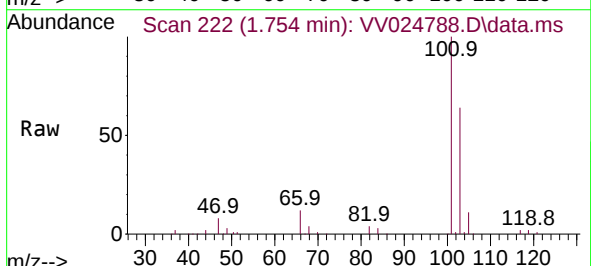


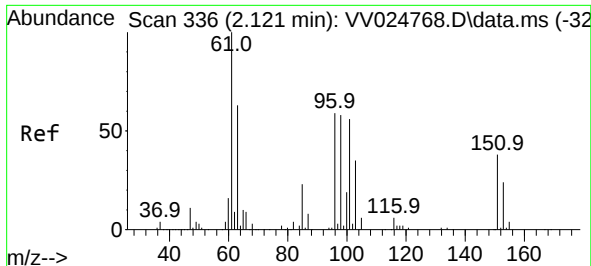
Tgt Ion: 64 Resp: 52252
Ion Ratio Lower Upper
64 100
66 32.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.771 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

Tgt Ion:101 Resp: 110680
Ion Ratio Lower Upper
101 100
103 65.5 50.7 76.1

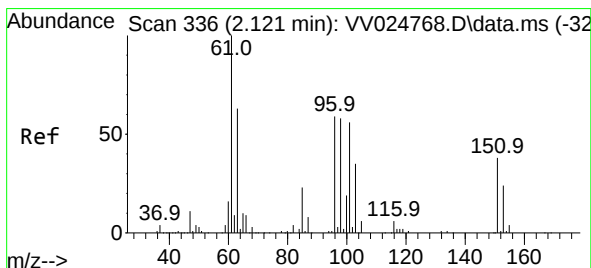
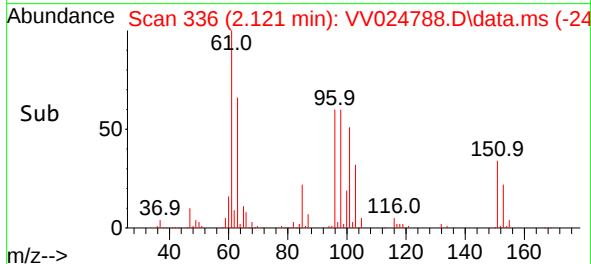
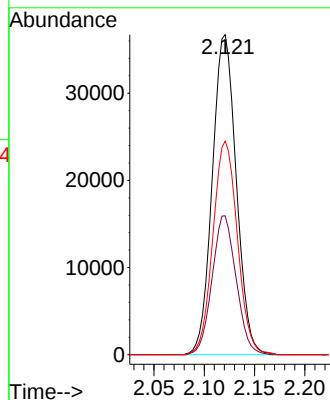
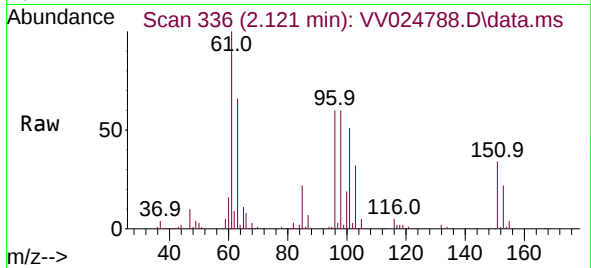




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.524 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV024788.D
 Acq: 21 Feb 2022 20:12

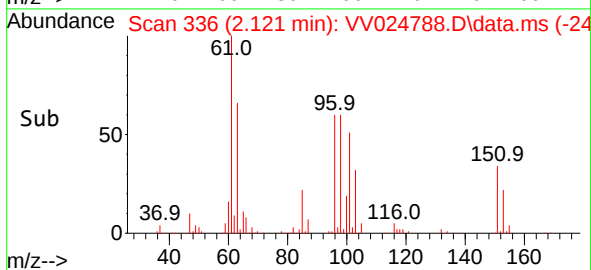
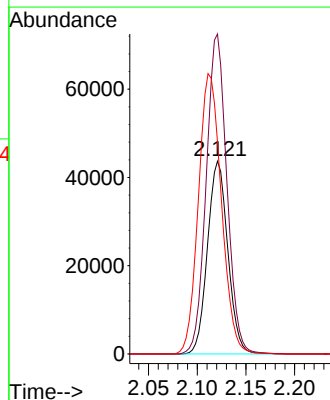
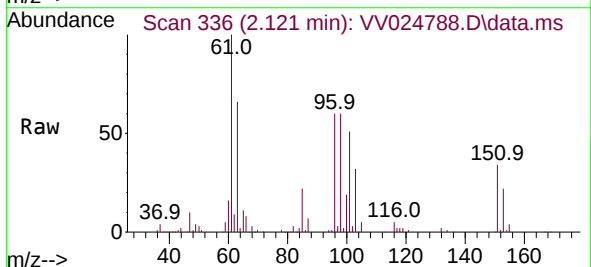
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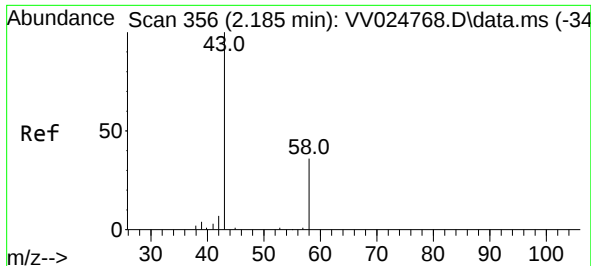
Tgt Ion:101 Resp: 60943
 Ion Ratio Lower Upper
 101 100
 85 43.5 34.7 52.1
 151 68.2 53.5 80.3



#12
 1,1-Dichloroethene
 Concen: 4.916 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV024788.D
 Acq: 21 Feb 2022 20:12

Tgt Ion: 96 Resp: 63268
 Ion Ratio Lower Upper
 96 100
 61 166.0 116.3 216.1
 63 110.1 86.0 159.6





#13

Acetone

Concen: 50.855 ug/L

RT: 2.179 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV024788.D

Acq: 21 Feb 2022 20:12

Instrument :

MSVOA_V

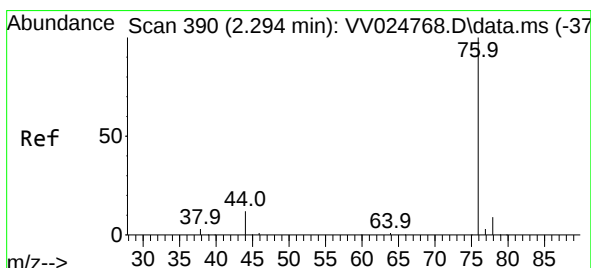
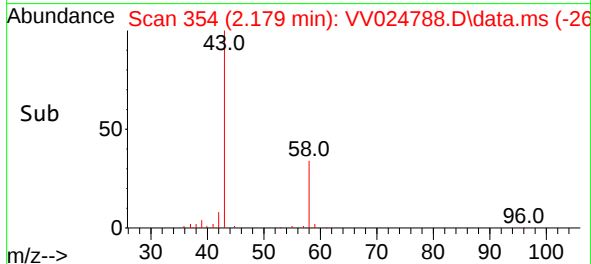
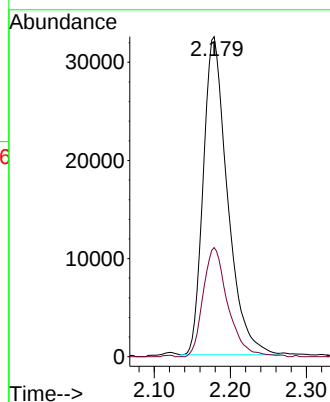
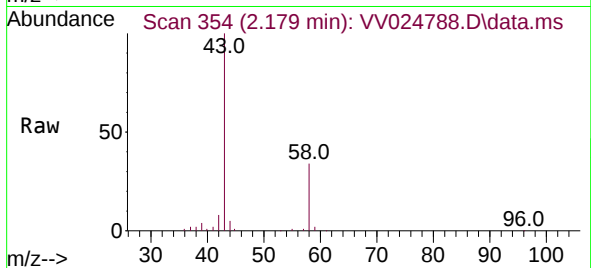
ClientSampleId :

Tgt Ion: 43 Resp: 71808

Ion Ratio Lower Upper

43 100

58 34.9 0.0 63.6



#14

Carbon disulfide

Concen: 4.898 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV024788.D

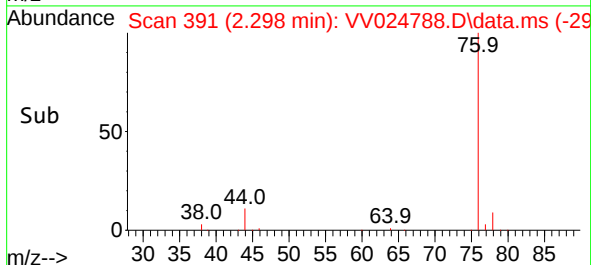
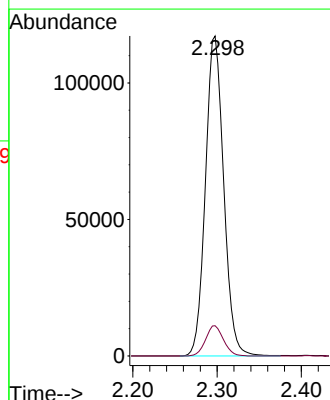
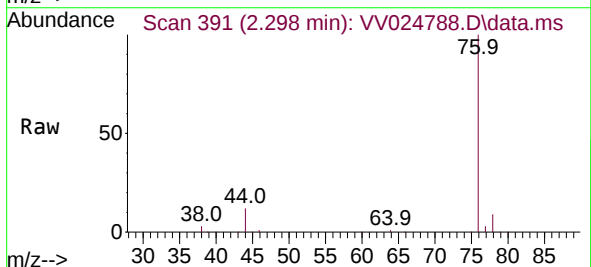
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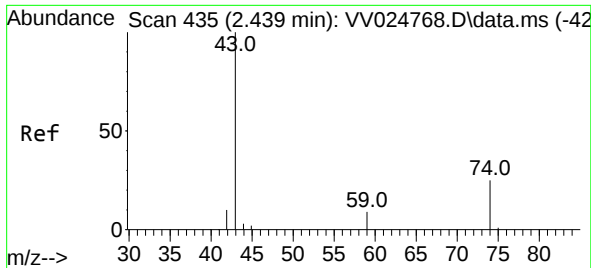
Tgt Ion: 76 Resp: 176934

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9

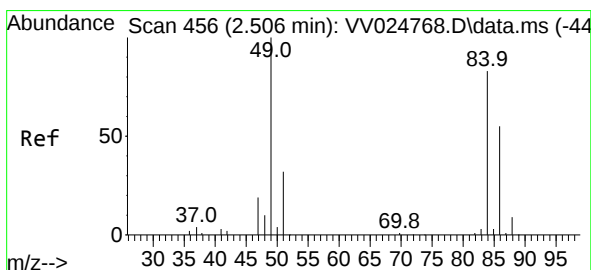
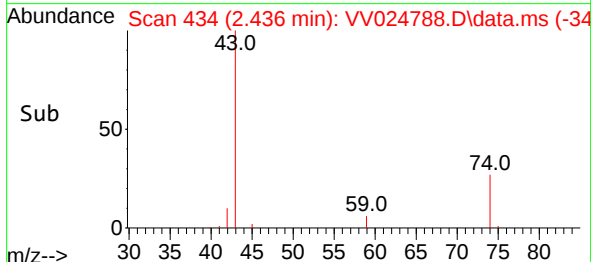
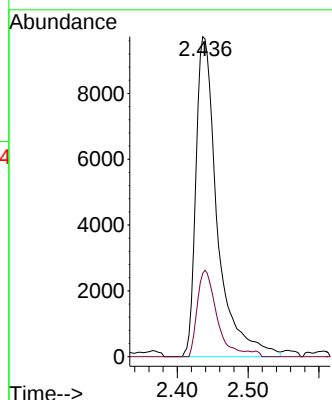
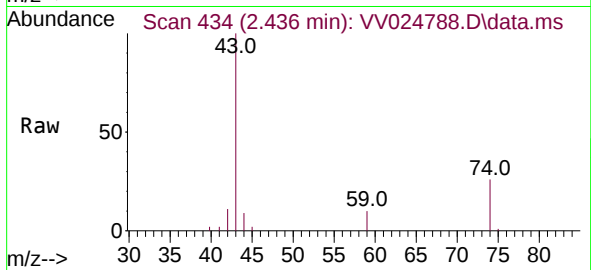




#15
Methyl Acetate
Concen: 5.526 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

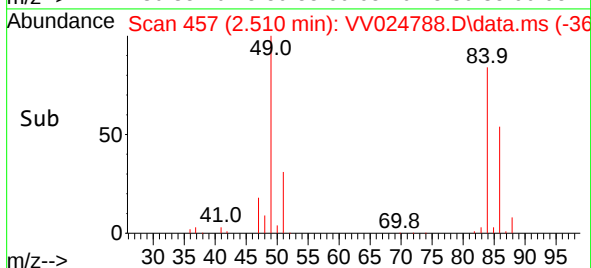
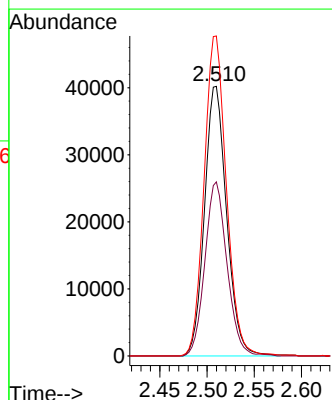
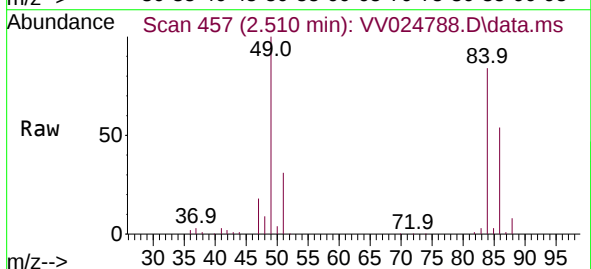
Instrument :
MSVOA_V
ClientSampleId :

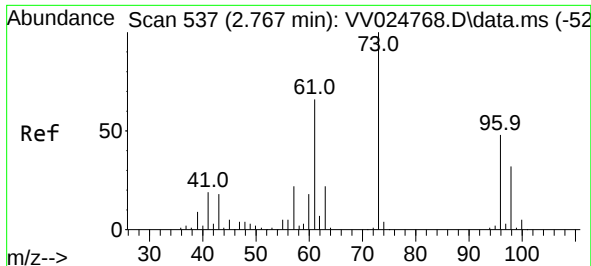
Tgt Ion: 43 Resp: 20429
Ion Ratio Lower Upper
43 100
74 24.2 20.8 31.2



#16
Methylene chloride
Concen: 5.174 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

Tgt Ion: 84 Resp: 65564
Ion Ratio Lower Upper
84 100
86 64.6 45.1 83.7
49 118.7 83.5 155.1

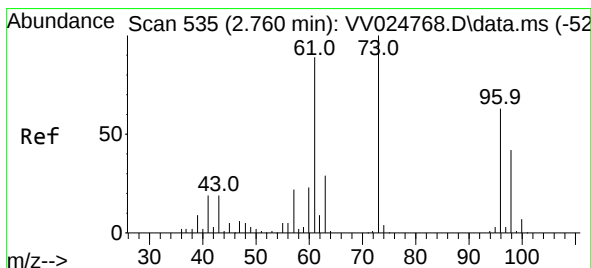
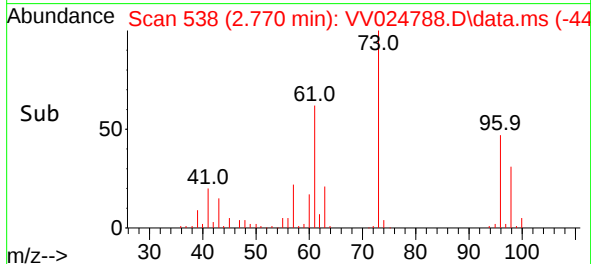
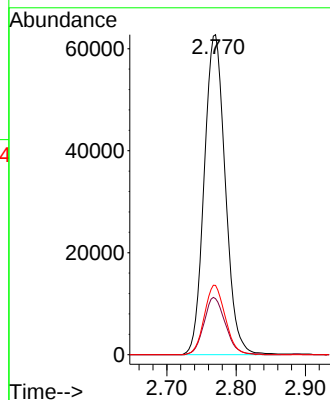
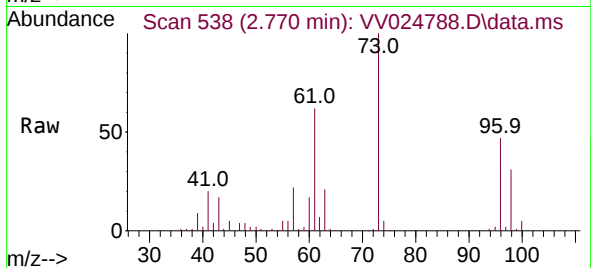




#17
Methyl tert-butyl Ether
Concen: 5.237 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

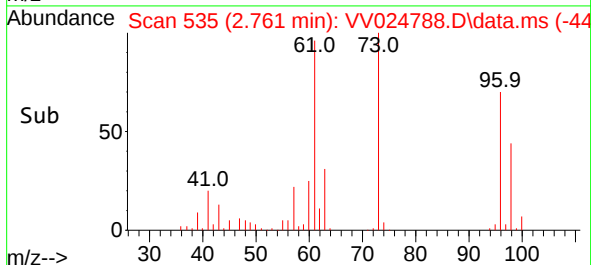
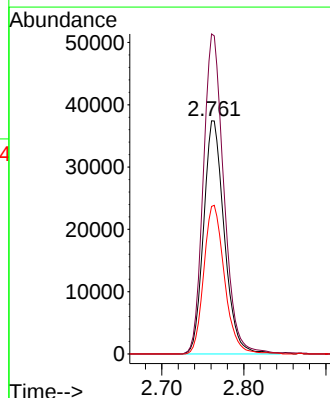
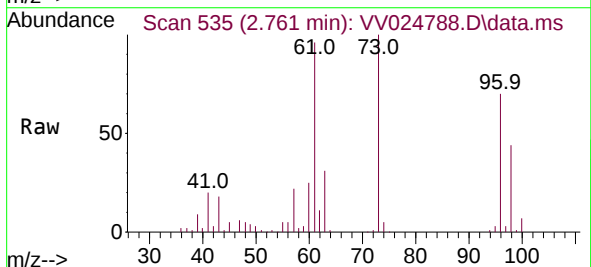
Instrument :
MSVOA_V
ClientSampleId :

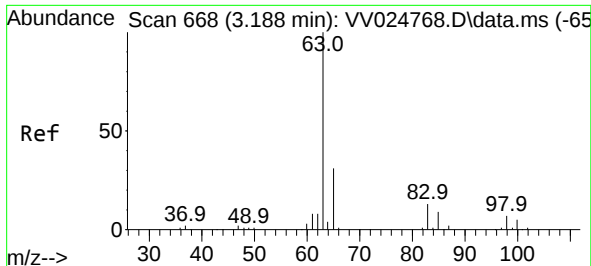
Tgt Ion: 73 Resp: 132504
Ion Ratio Lower Upper
73 100
43 18.2 15.1 22.7
57 21.5 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 5.214 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

Tgt Ion: 96 Resp: 65535
Ion Ratio Lower Upper
96 100
61 137.3 92.9 172.5
98 63.3 44.5 82.7





#19

1,1-Dichloroethane

Concen: 5.281 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024788.D

Acq: 21 Feb 2022 20:12

Instrument :

MSVOA_V

ClientSampleId :

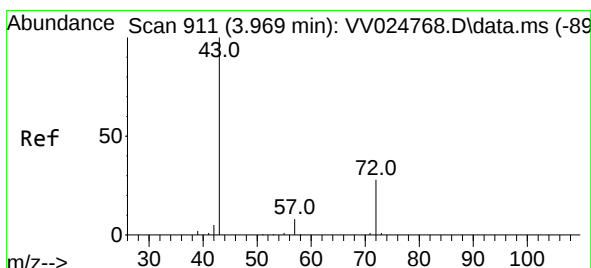
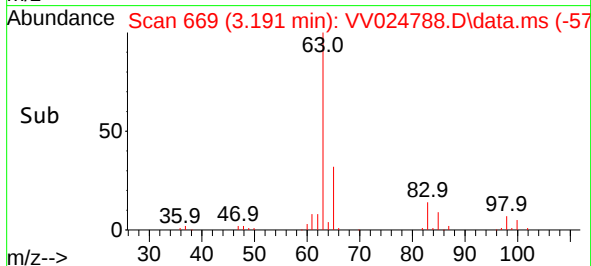
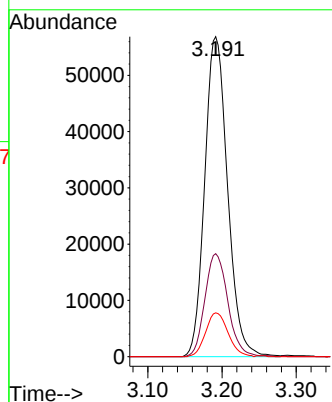
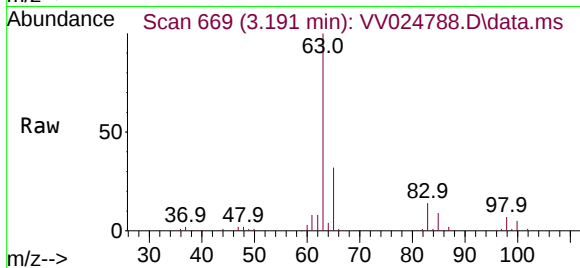
Tgt Ion: 63 Resp: 121549

Ion Ratio Lower Upper

63 100

65 32.2 22.0 40.8

83 13.7 9.5 17.7



#21

2-Butanone

Concen: 55.876 ug/L

RT: 3.970 min Scan# 911

Delta R.T. 0.000 min

Lab File: VV024788.D

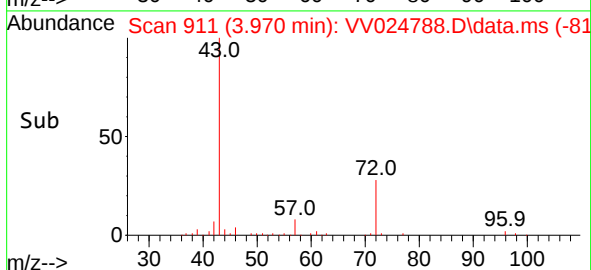
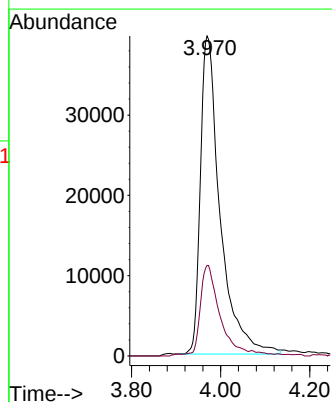
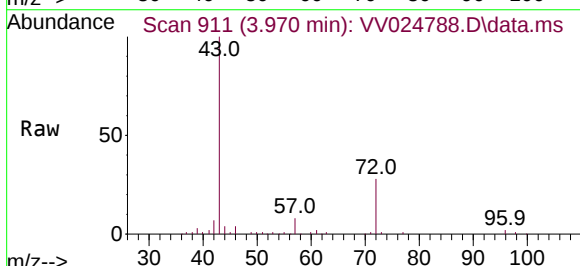
Acq: 21 Feb 2022 20:12

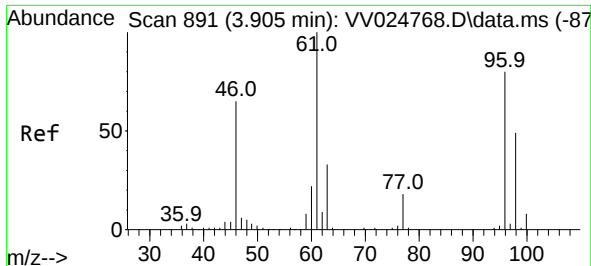
Tgt Ion: 43 Resp: 121922

Ion Ratio Lower Upper

43 100

72 26.1 13.2 39.6





#22

cis-1,2-Dichloroethene

Concen: 5.309 ug/L

RT: 3.912 min Scan# 891

Delta R.T. 0.007 min

Lab File: VV024788.D

Acq: 21 Feb 2022 20:12

Instrument :

MSVOA_V

ClientSampleId :

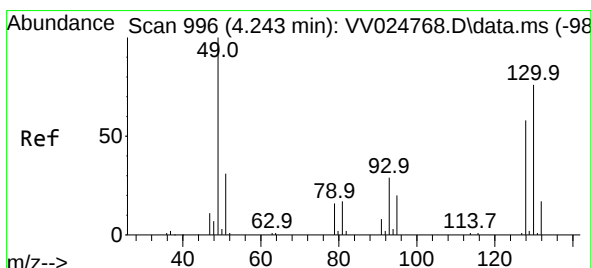
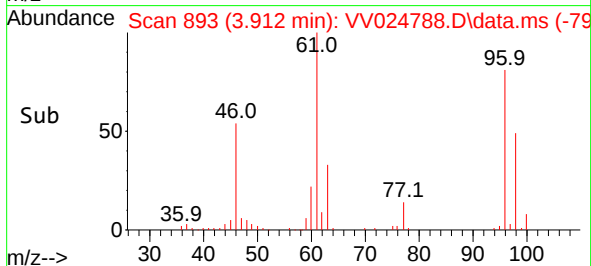
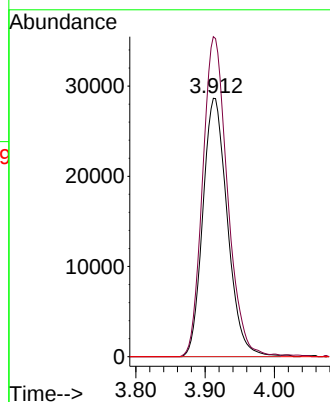
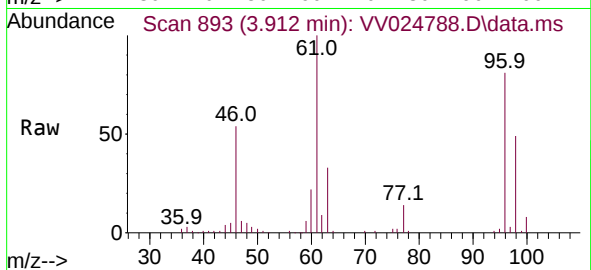
Tgt Ion: 96 Resp: 70542

Ion Ratio Lower Upper

96 100

61 123.8 89.7 166.5

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.262 ug/L

RT: 4.249 min Scan# 998

Delta R.T. 0.007 min

Lab File: VV024788.D

Acq: 21 Feb 2022 20:12

Tgt Ion: 128 Resp: 27025

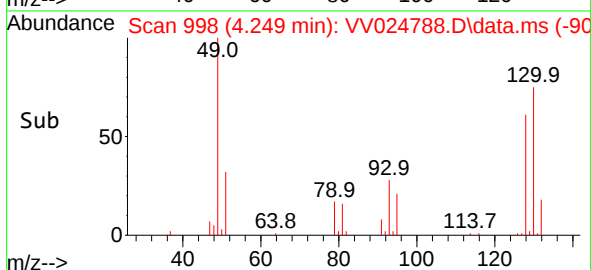
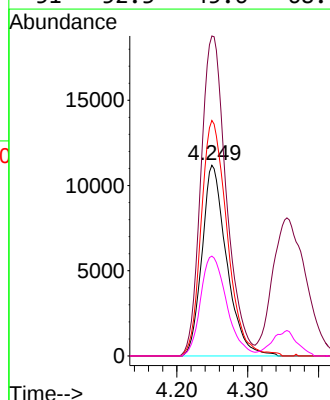
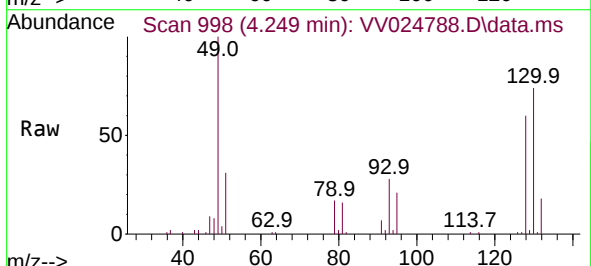
Ion Ratio Lower Upper

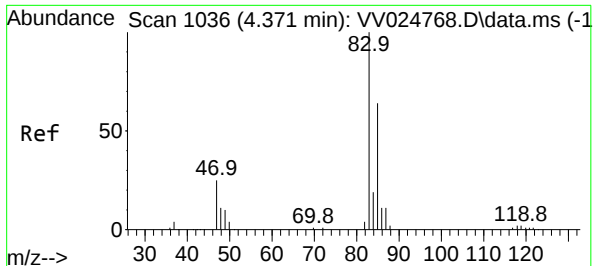
128 100

49 167.7 124.2 230.6

130 123.4 92.1 171.1

51 52.3 45.6 68.4





#25

Chloroform

Concen: 5.295 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV024788.D

Acq: 21 Feb 2022 20:12

Instrument :

MSVOA_V

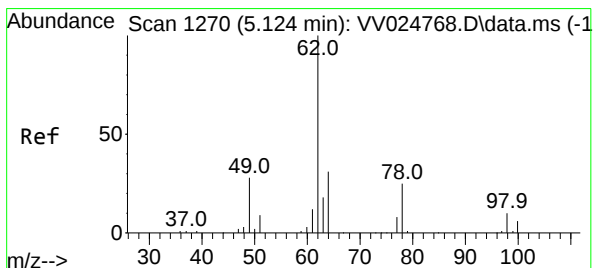
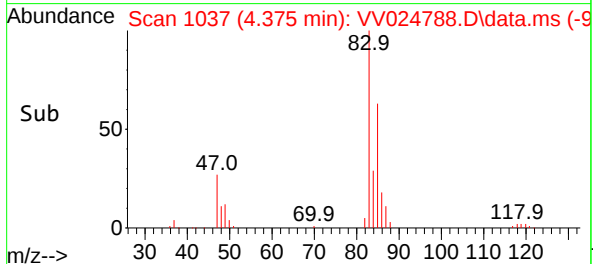
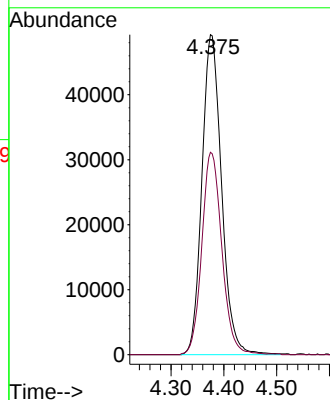
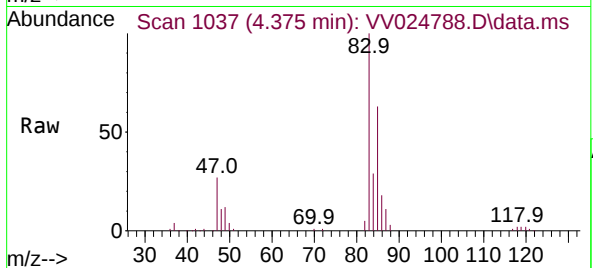
ClientSampleId :

Tgt Ion: 83 Resp: 127306

Ion Ratio Lower Upper

83 100

85 63.2 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.187 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.007 min

Lab File: VV024788.D

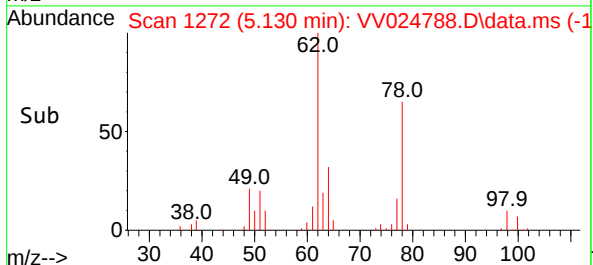
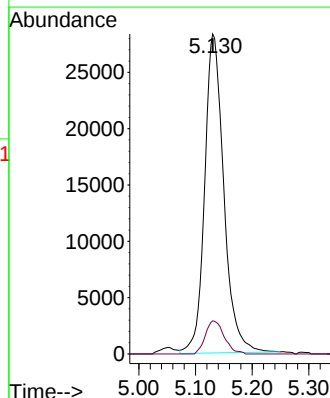
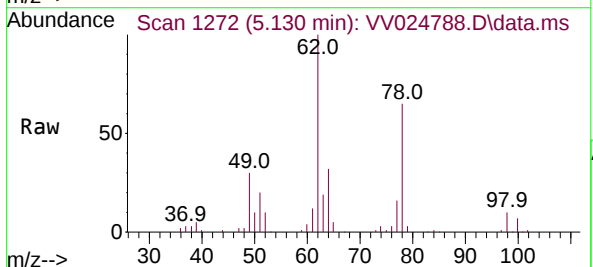
Acq: 21 Feb 2022 20:12

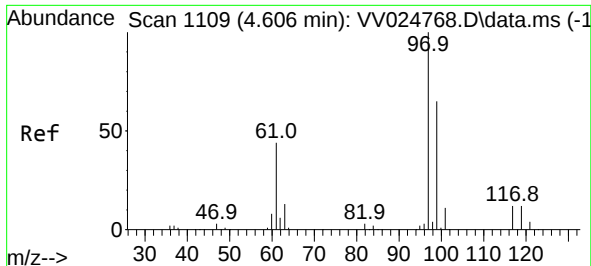
Tgt Ion: 62 Resp: 66566

Ion Ratio Lower Upper

62 100

98 10.4 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 5.184 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV024788.D

Acq: 21 Feb 2022 20:12

Instrument :

MSVOA_V

ClientSampleId :

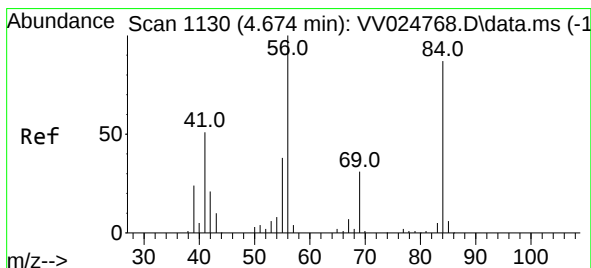
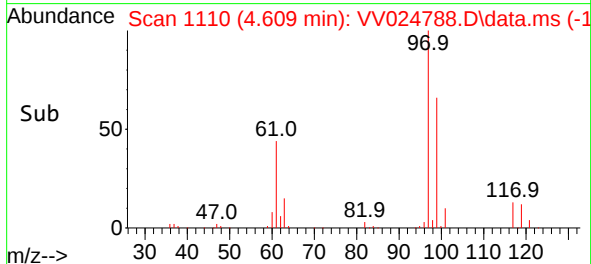
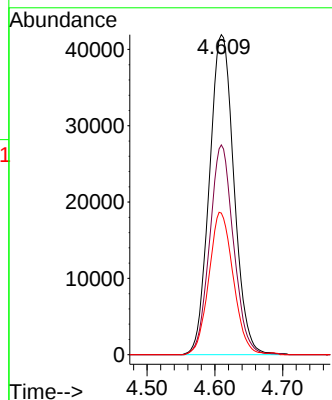
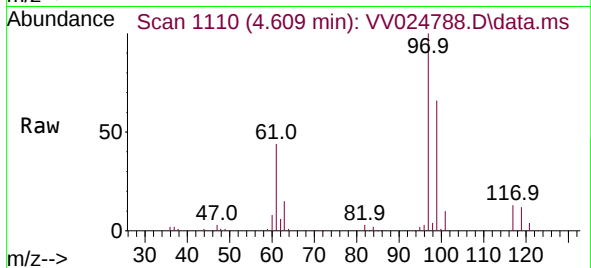
Tgt Ion: 97 Resp: 105614

Ion Ratio Lower Upper

97 100

99 63.8 50.5 75.7

61 44.2 35.8 53.6



#30

Cyclohexane

Concen: 4.829 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.007 min

Lab File: VV024788.D

Acq: 21 Feb 2022 20:12

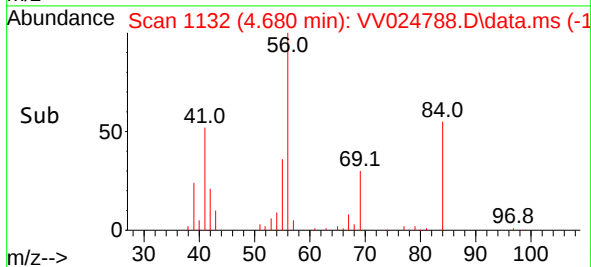
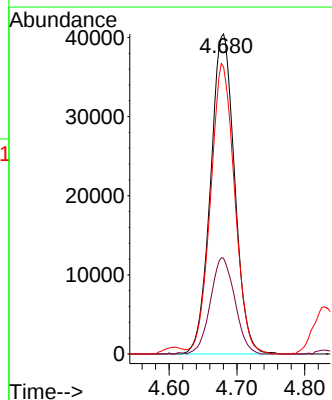
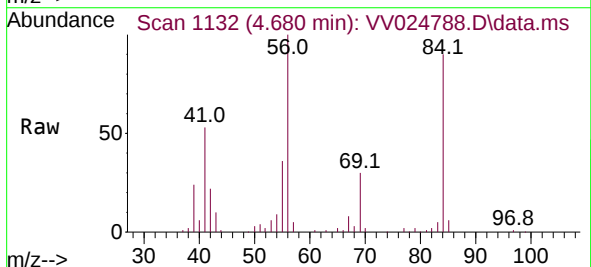
Tgt Ion: 56 Resp: 99788

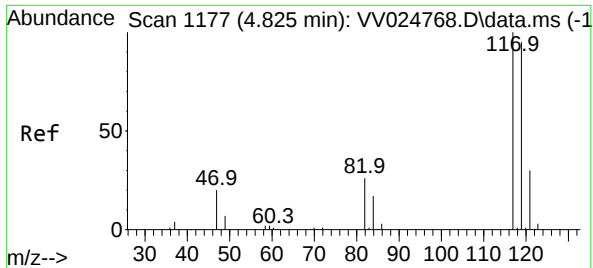
Ion Ratio Lower Upper

56 100

69 30.4 24.6 37.0

84 90.9 71.4 107.0

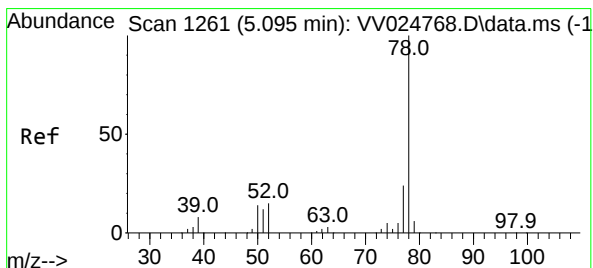
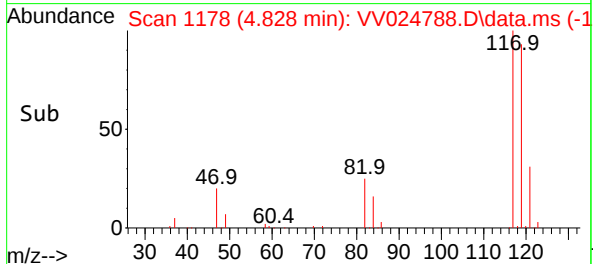
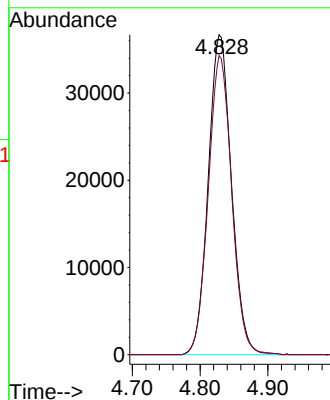
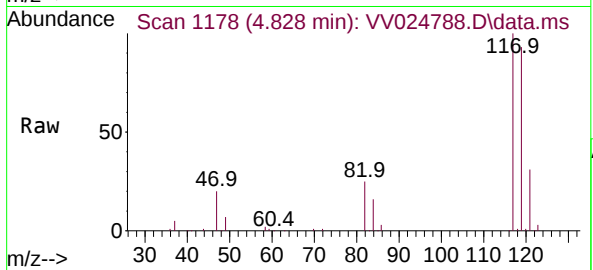




#31
Carbon tetrachloride
Concen: 5.099 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

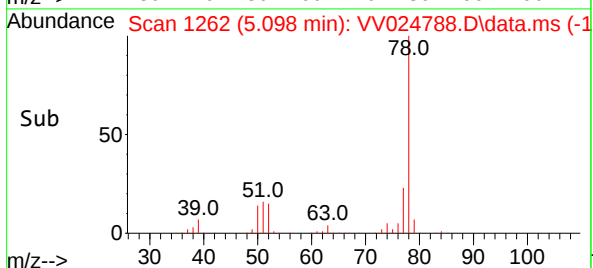
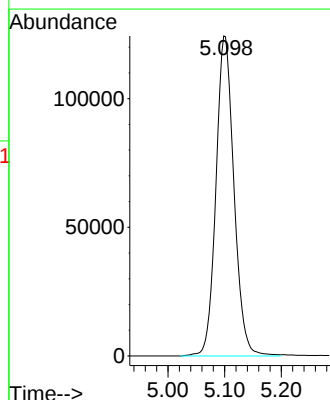
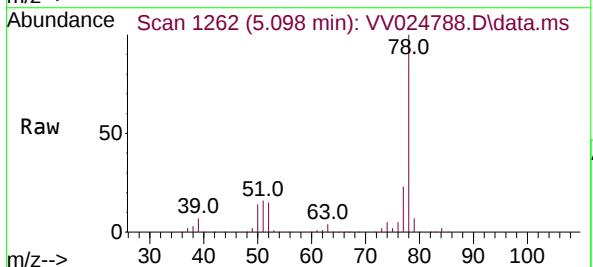
Instrument :
MSVOA_V
ClientSampleId :

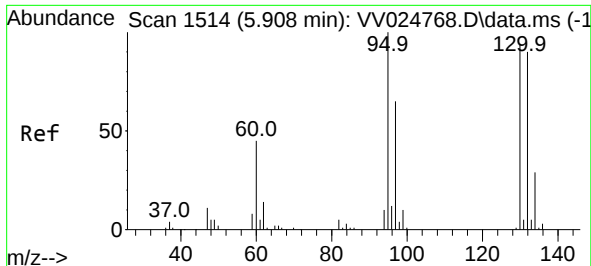
Tgt Ion:117 Resp: 87332
Ion Ratio Lower Upper
117 100
119 94.4 76.6 115.0



#33
Benzene
Concen: 5.335 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

Tgt Ion: 78 Resp: 274155

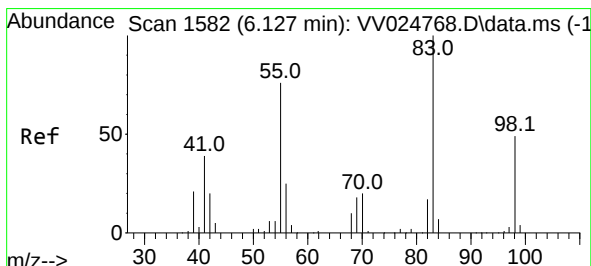
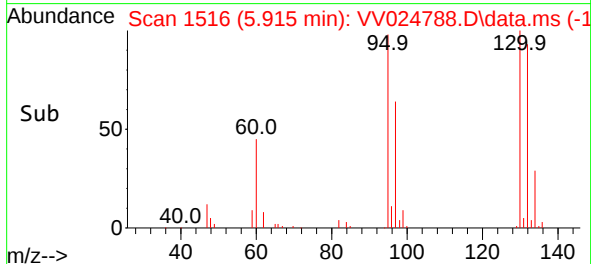
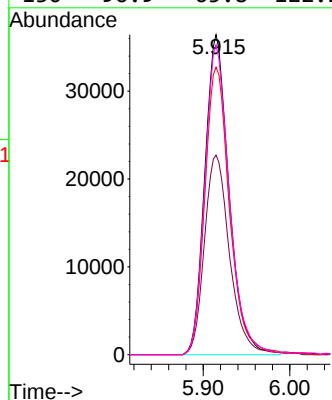
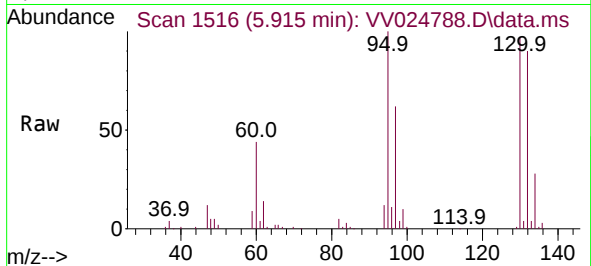




#34
Trichloroethene
Concen: 5.210 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

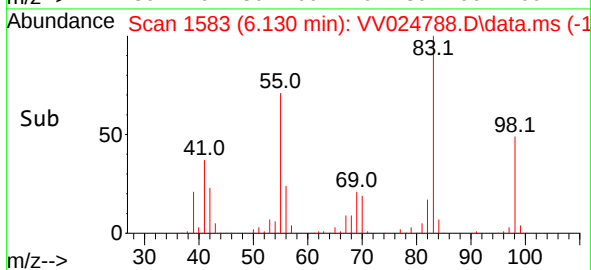
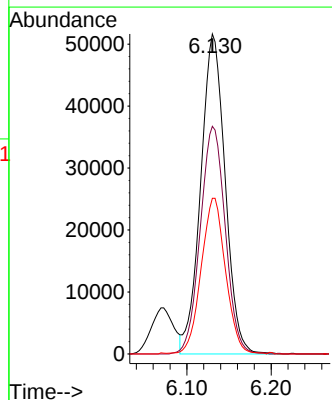
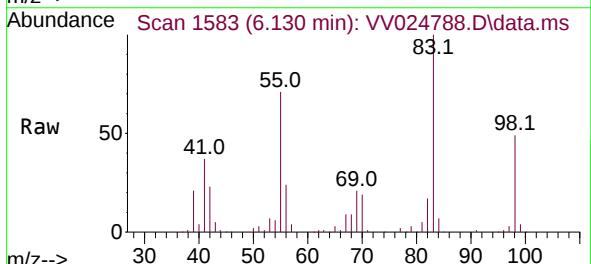
Instrument :
MSVOA_V
ClientSampleId :

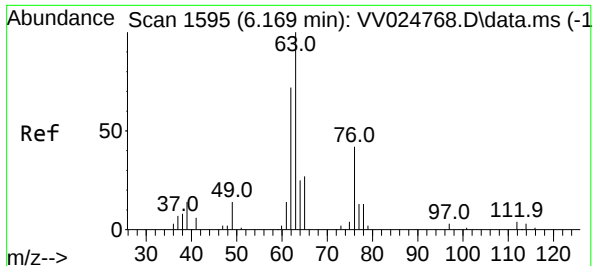
Tgt Ion: 95 Resp: 70929
Ion Ratio Lower Upper
95 100
97 62.4 44.2 82.0
132 89.8 62.1 115.3
130 96.9 65.8 122.2



#35
Methylcyclohexane
Concen: 4.738 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

Tgt Ion: 83 Resp: 104216
Ion Ratio Lower Upper
83 100
55 72.7 58.8 88.2
98 48.6 38.6 58.0





#37

1,2-Dichloropropane

Concen: 5.443 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024788.D

Acq: 21 Feb 2022 20:12

Instrument :

MSVOA_V

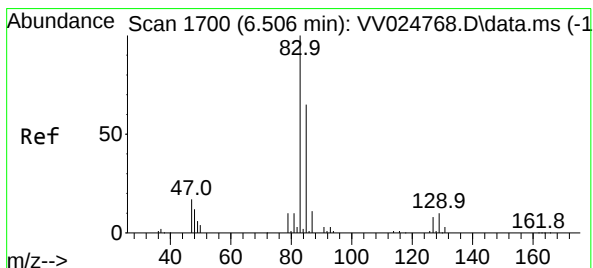
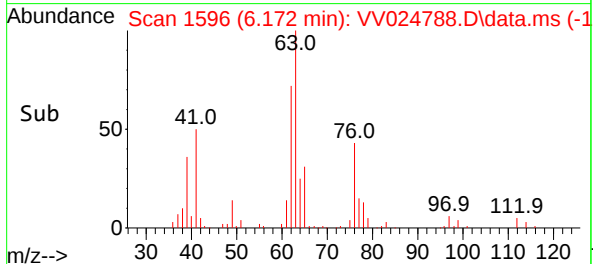
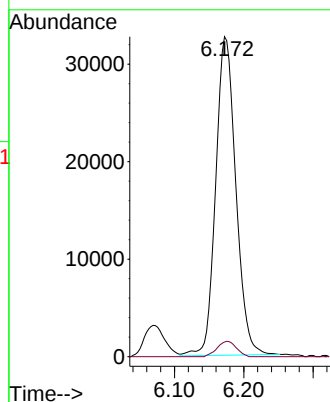
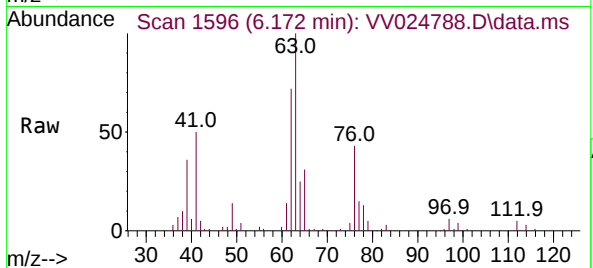
ClientSampleId :

Tgt Ion: 63 Resp: 66086

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 5.333 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV024788.D

Acq: 21 Feb 2022 20:12

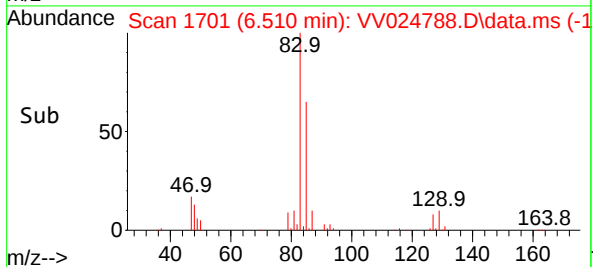
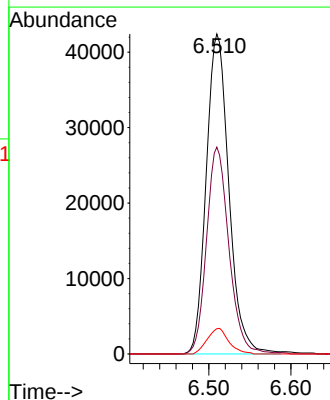
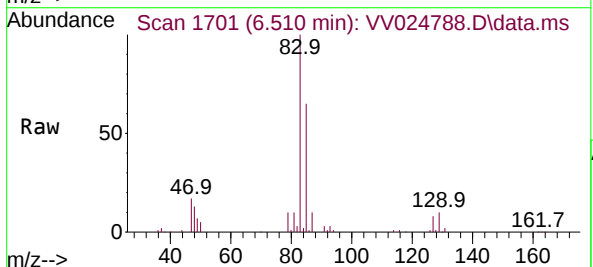
Tgt Ion: 83 Resp: 81504

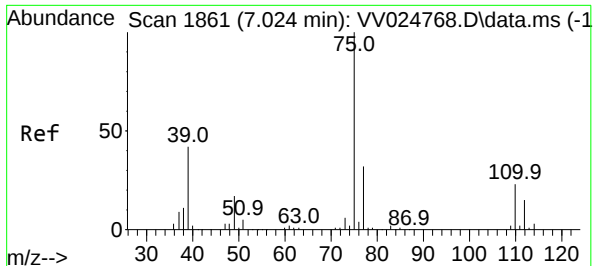
Ion Ratio Lower Upper

83 100

85 64.6 43.5 80.9

127 7.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.225 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV024788.D

Acq: 21 Feb 2022 20:12

Instrument :

MSVOA_V

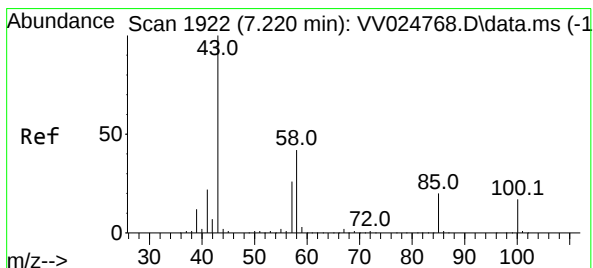
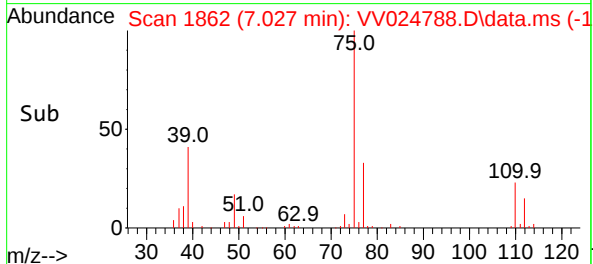
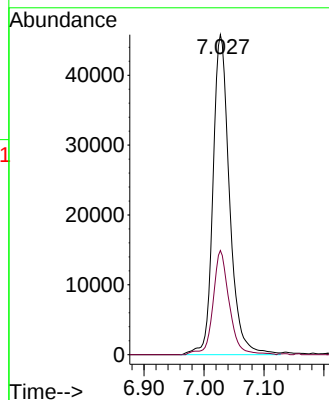
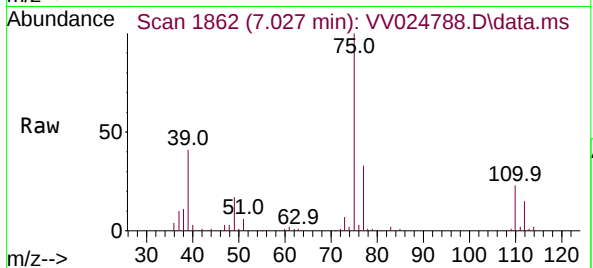
ClientSampleId :

Tgt Ion: 75 Resp: 87995

Ion Ratio Lower Upper

75 100

77 32.6 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 53.887 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV024788.D

Acq: 21 Feb 2022 20:12

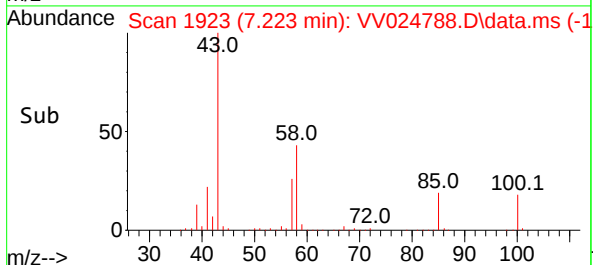
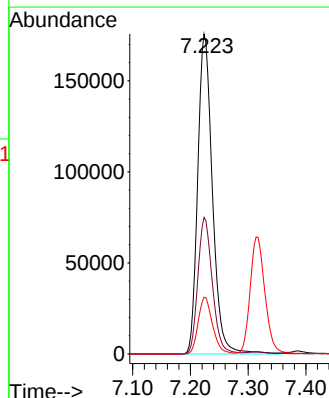
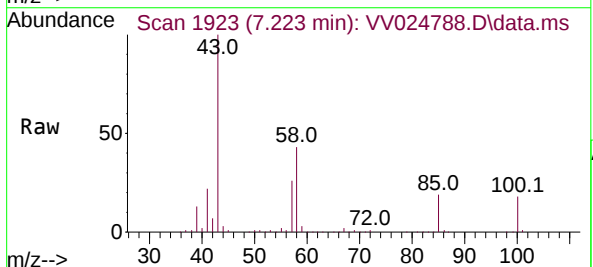
Tgt Ion: 43 Resp: 311239

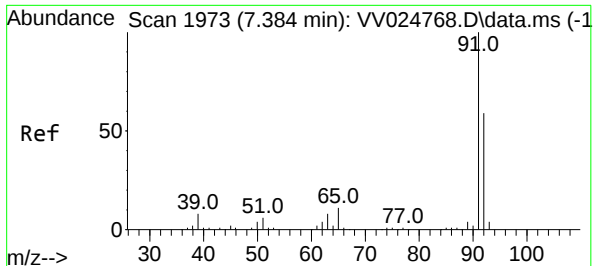
Ion Ratio Lower Upper

43 100

58 41.9 33.0 49.6

100 17.2 13.3 19.9





#42

Toluene

Concen: 5.214 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024788.D

Acq: 21 Feb 2022 20:12

Instrument :

MSVOA_V

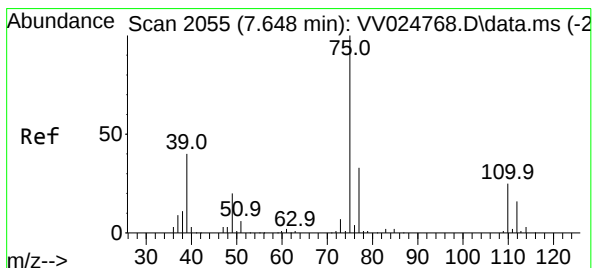
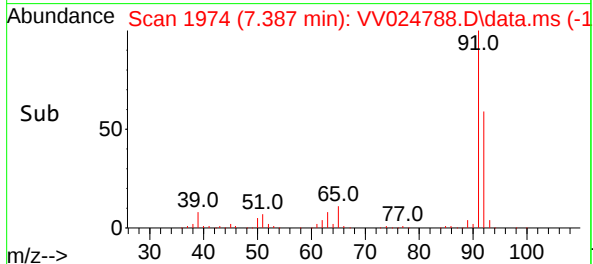
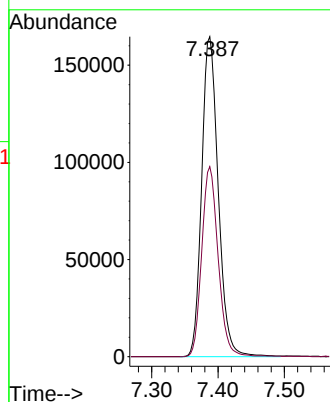
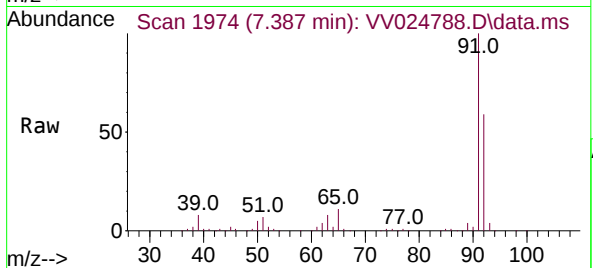
ClientSampleId :

Tgt Ion: 91 Resp: 285292

Ion Ratio Lower Upper

91 100

92 59.4 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.122 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV024788.D

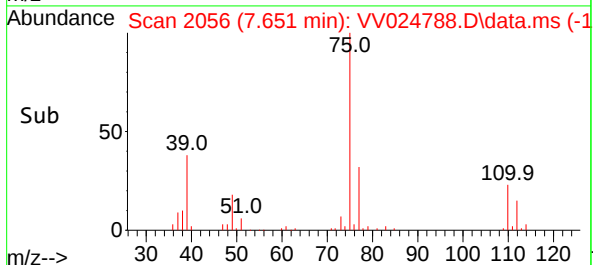
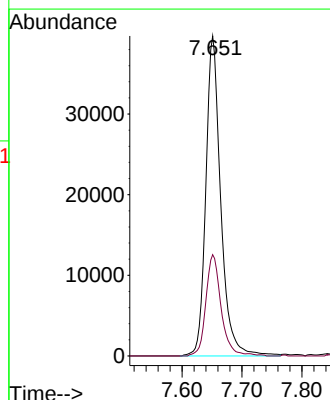
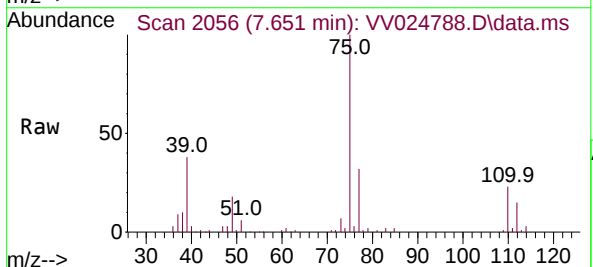
Acq: 21 Feb 2022 20:12

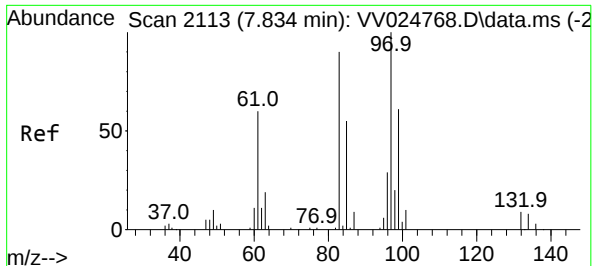
Tgt Ion: 75 Resp: 68922

Ion Ratio Lower Upper

75 100

77 31.7 23.5 43.7





#45

1,1,2-Trichloroethane

Concen: 5.389 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV024788.D

Acq: 21 Feb 2022 20:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 42568

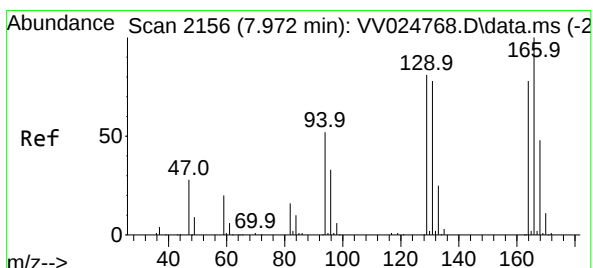
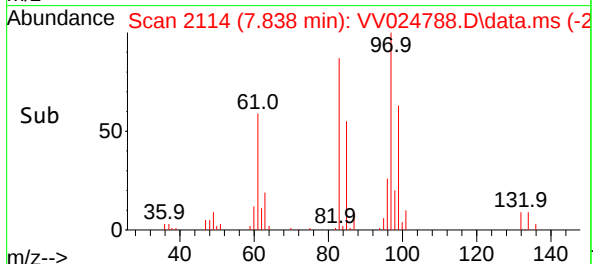
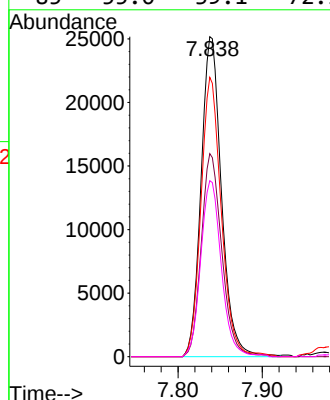
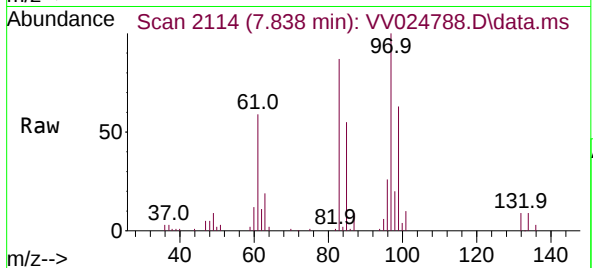
Ion Ratio Lower Upper

97 100

99 63.5 43.8 81.3

83 87.3 61.3 113.9

85 55.0 39.1 72.5



#47

Tetrachloroethene

Concen: 4.990 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024788.D

Acq: 21 Feb 2022 20:12

Tgt Ion:164 Resp: 46259

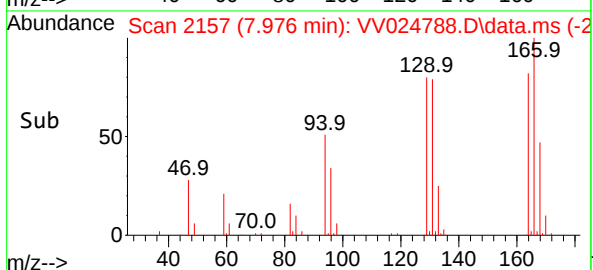
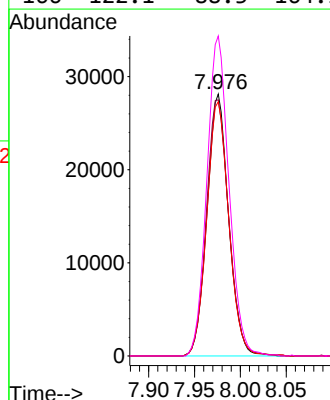
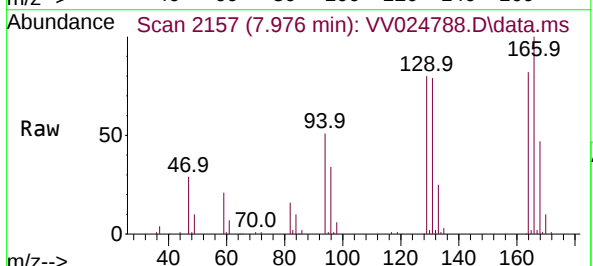
Ion Ratio Lower Upper

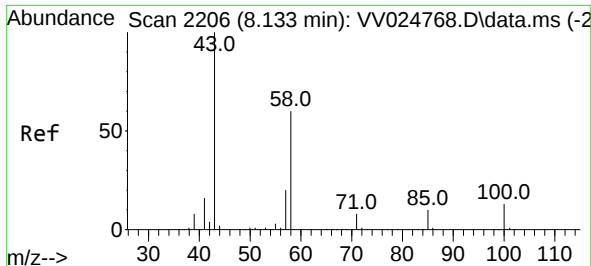
164 100

129 97.8 70.3 130.7

131 97.1 67.7 125.7

166 122.1 88.3 164.1

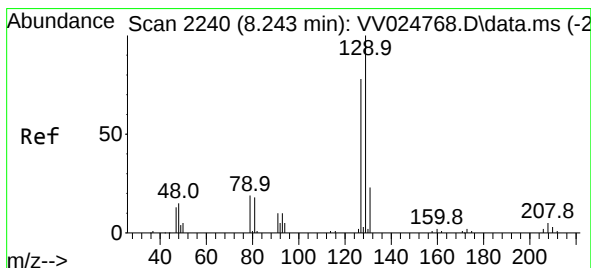
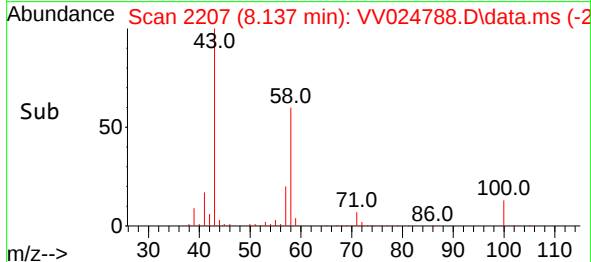
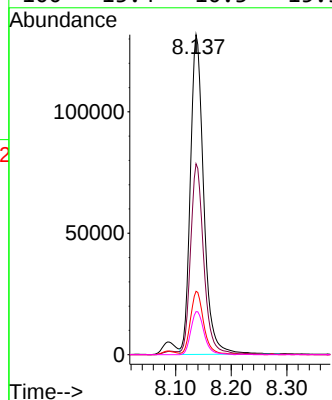
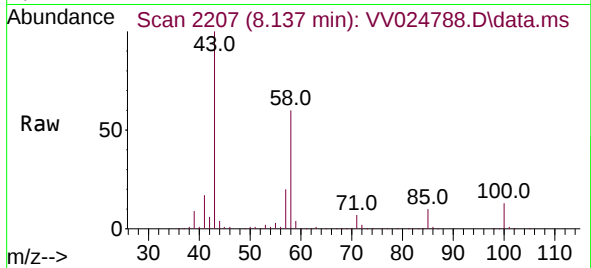




#48
2-Hexanone
Concen: 53.953 ug/L
RT: 8.137 min Scan# 219098
Delta R.T. 0.003 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

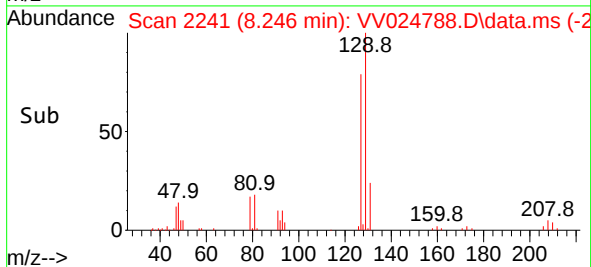
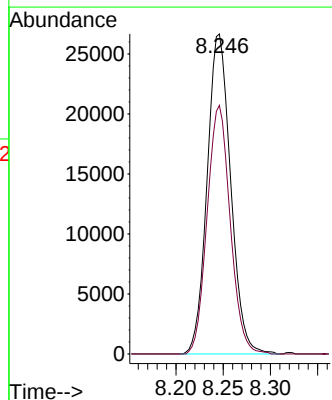
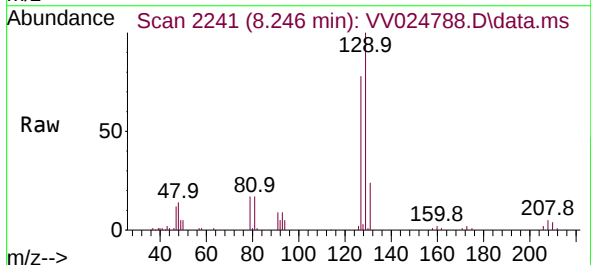
Instrument :
MSVOA_V
ClientSampleId :

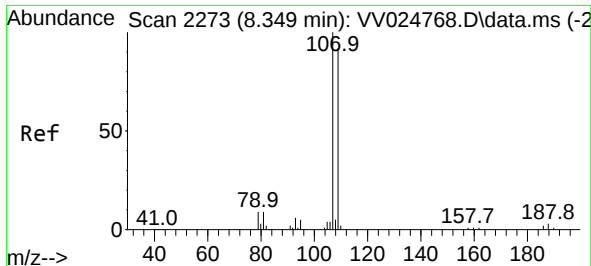
Tgt Ion:	43	Resp:	219098
Ion	Ratio	Lower	Upper
43	100		
58	58.1	46.0	69.0
57	19.4	15.7	23.5
100	13.4	10.3	15.5



#49
Dibromochloromethane
Concen: 5.263 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

Tgt Ion:	129	Resp:	46133
Ion	Ratio	Lower	Upper
129	100		
127	77.7	53.6	99.6





#50

1,2-Dibromoethane

Concen: 5.311 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024788.D

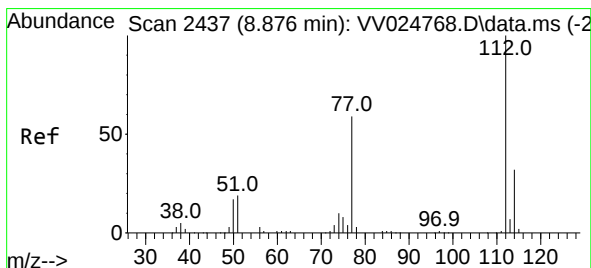
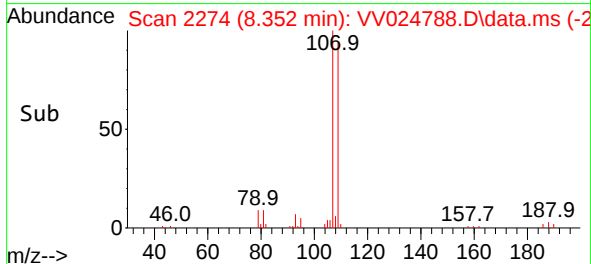
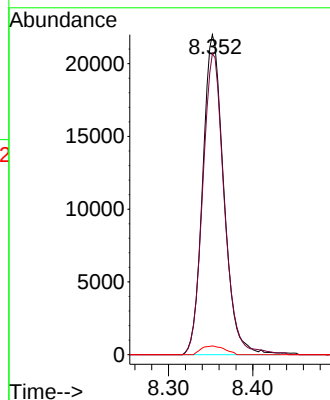
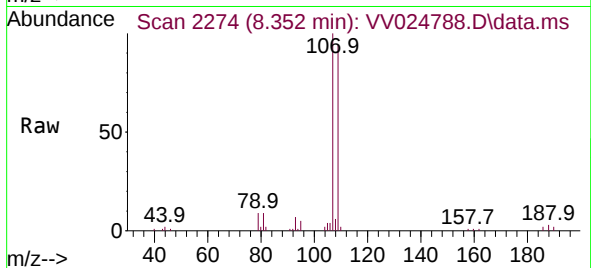
Acq: 21 Feb 2022 20:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	38280
Ion	Ratio	Lower Upper
107	100	
109	94.1	65.6 121.8
188	2.7	2.6 3.8



#51

Chlorobenzene

Concen: 5.164 ug/L

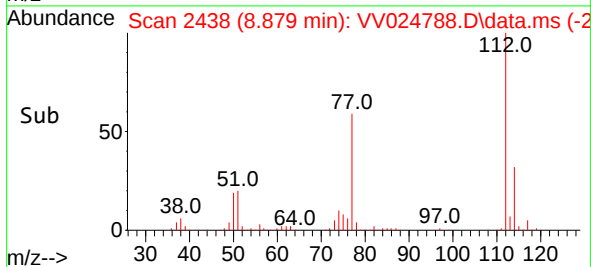
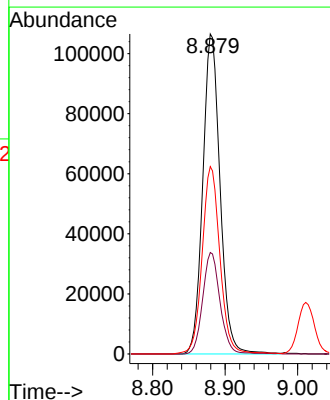
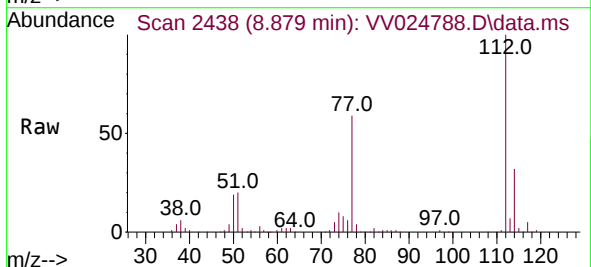
RT: 8.879 min Scan# 2438

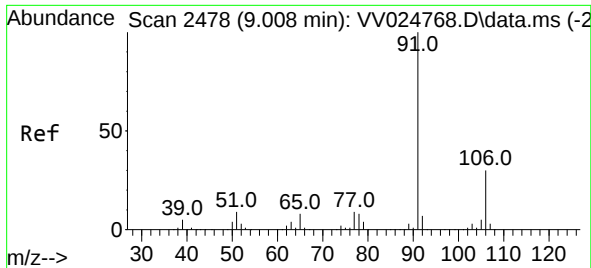
Delta R.T. 0.003 min

Lab File: VV024788.D

Acq: 21 Feb 2022 20:12

Tgt Ion:112	Resp:	176770
Ion	Ratio	Lower Upper
112	100	
114	31.7	22.3 41.5
77	58.5	48.4 72.6

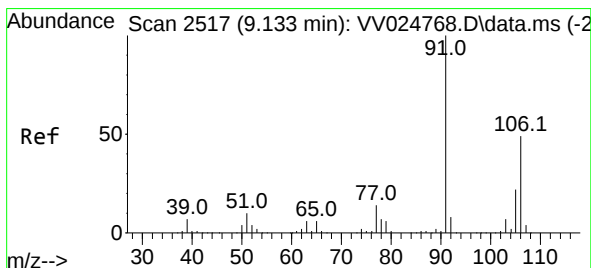
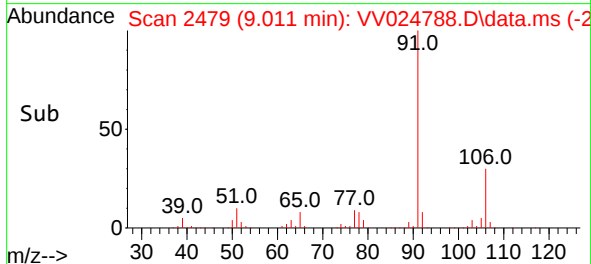
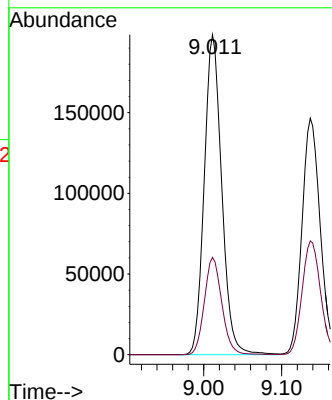
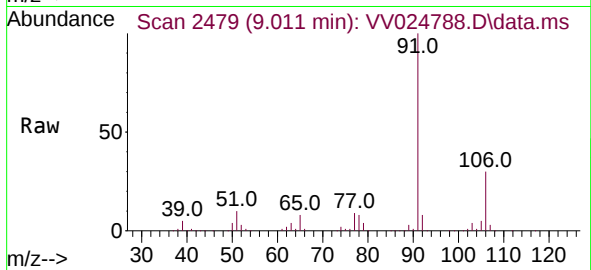




#52
Ethylbenzene
Concen: 5.173 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

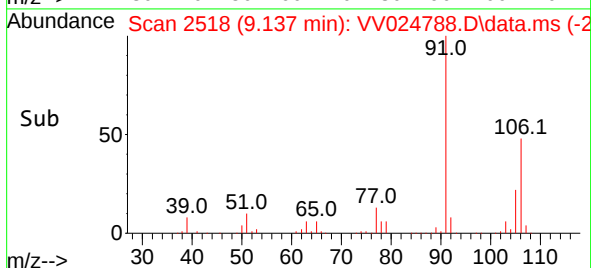
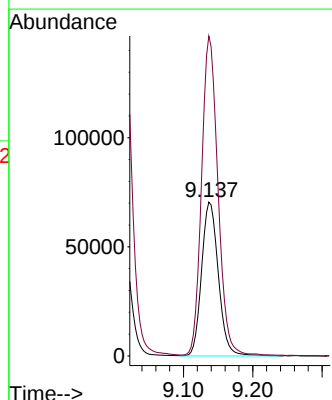
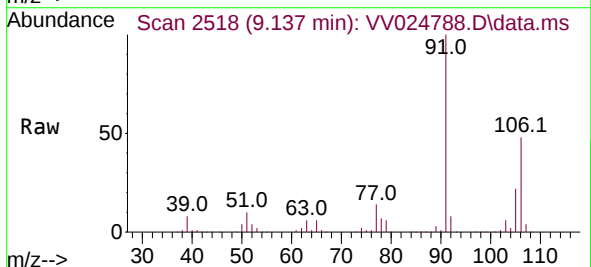
Instrument :
MSVOA_V
ClientSampleId :

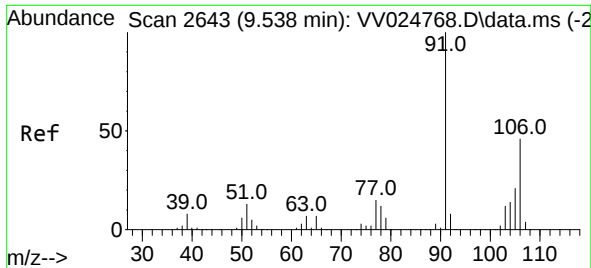
Tgt Ion: 91 Resp: 308889
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-xylene
Concen: 5.243 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

Tgt Ion:106 Resp: 118348
Ion Ratio Lower Upper
106 100
91 208.0 143.6 266.6

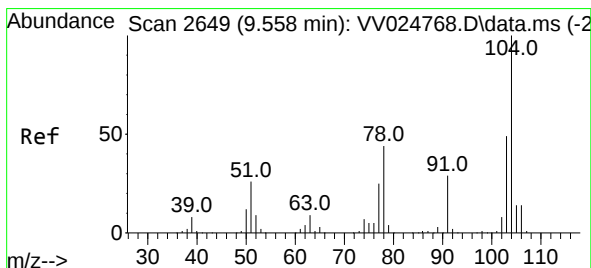
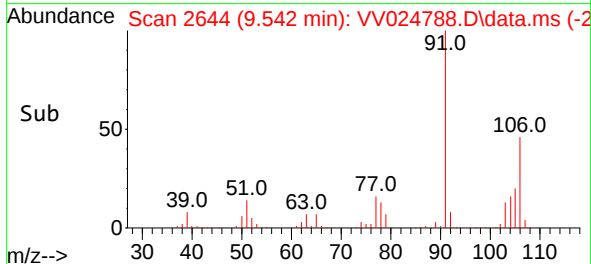
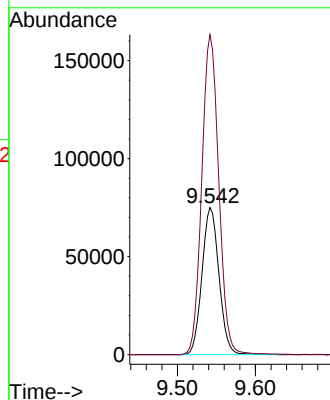
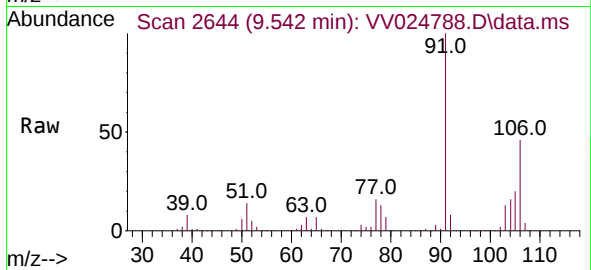




#54
o-xylene
Concen: 5.148 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

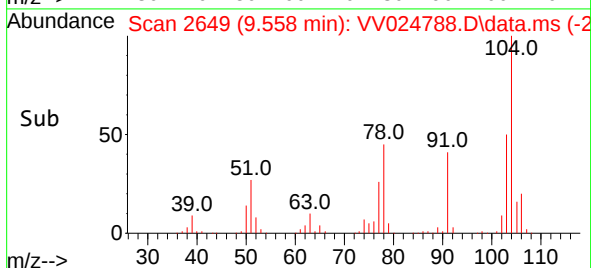
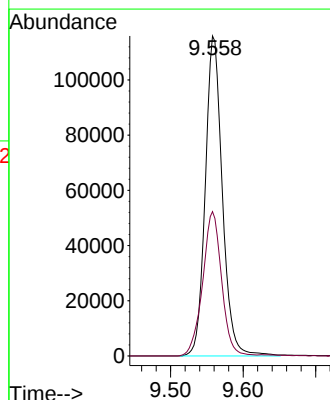
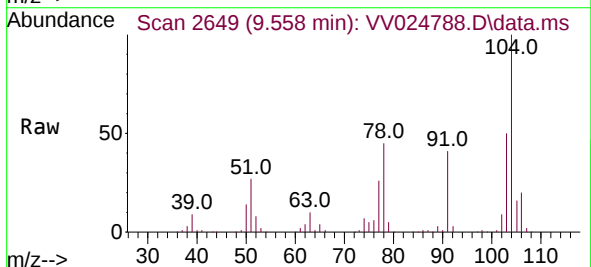
Instrument :
MSVOA_V
ClientSampleId :

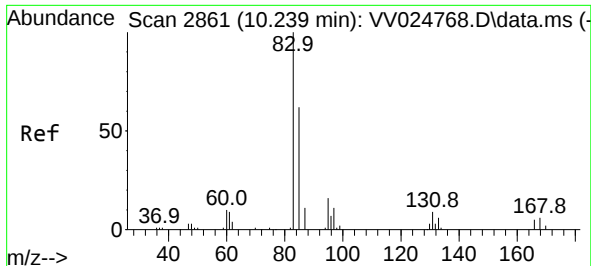
Tgt Ion:106 Resp: 113569
Ion Ratio Lower Upper
106 100
91 217.3 152.2 282.7



#55
Styrene
Concen: 5.291 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

Tgt Ion:104 Resp: 189835
Ion Ratio Lower Upper
104 100
78 45.1 32.0 59.4

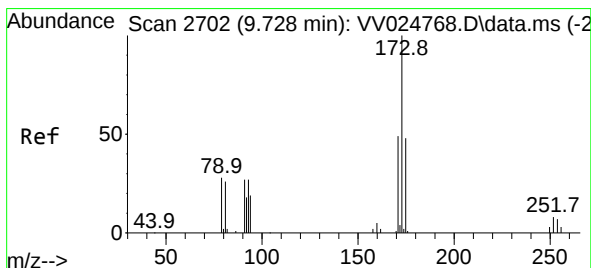
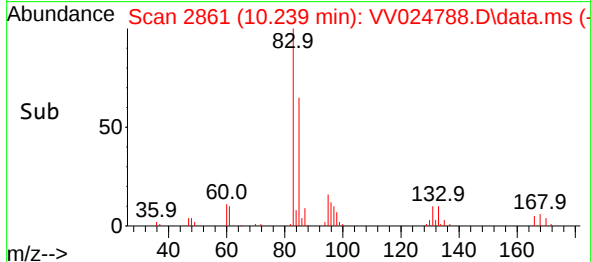
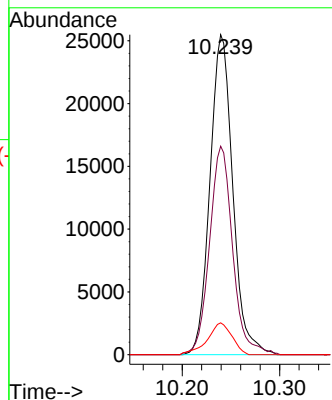
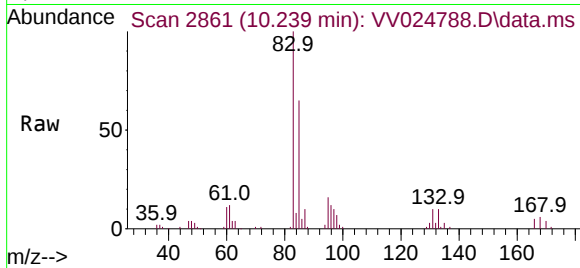




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.948 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024788.D
 Acq: 21 Feb 2022 20:12

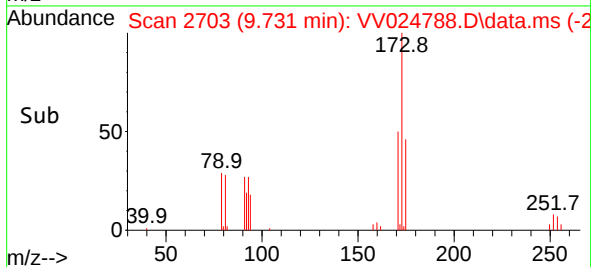
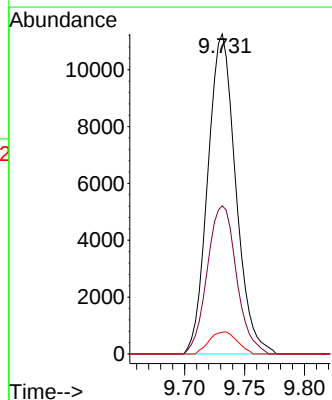
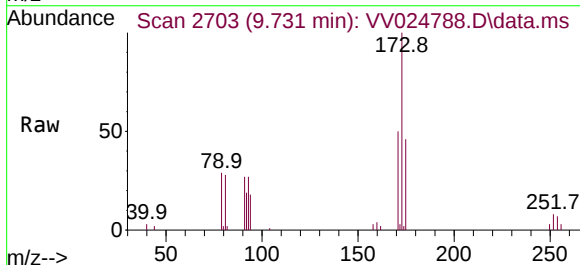
Instrument :
 MSVOA_V
 ClientSampleId :

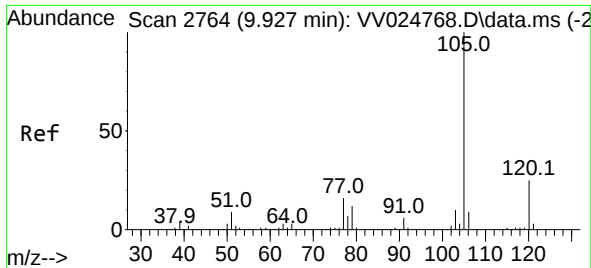
Tgt Ion: 83 Resp: 41340
 Ion Ratio Lower Upper
 83 100
 85 65.2 43.9 81.5
 131 9.9 7.0 10.4



#59
 Bromoform
 Concen: 4.987 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV024788.D
 Acq: 21 Feb 2022 20:12

Tgt Ion: 173 Resp: 18213
 Ion Ratio Lower Upper
 173 100
 175 48.6 39.4 59.0
 254 6.9 7.0 10.4#

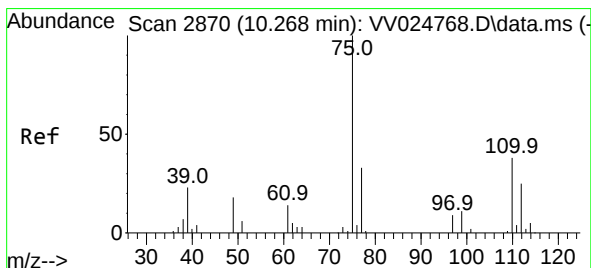
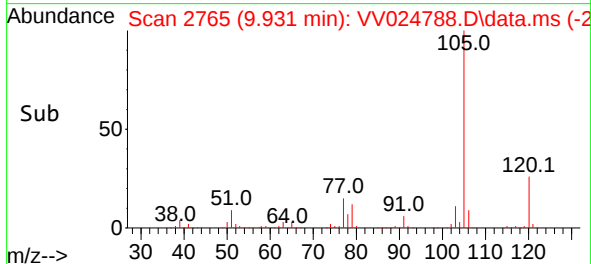
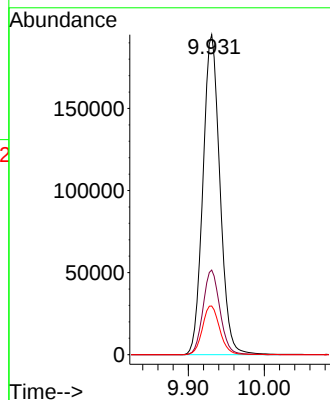
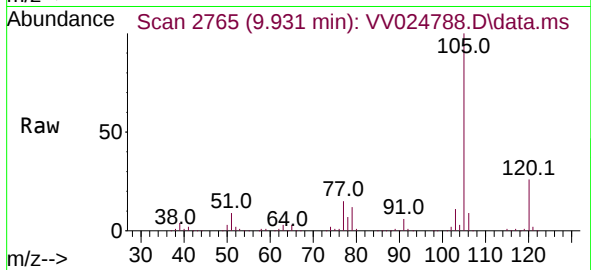




#60
Isopropylbenzene
Concen: 5.067 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

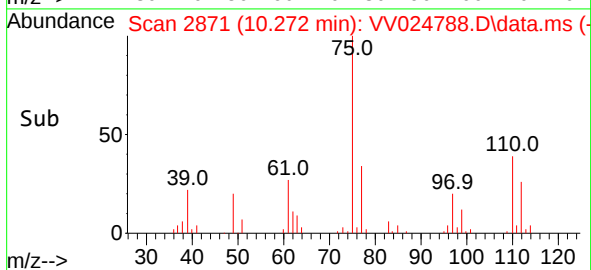
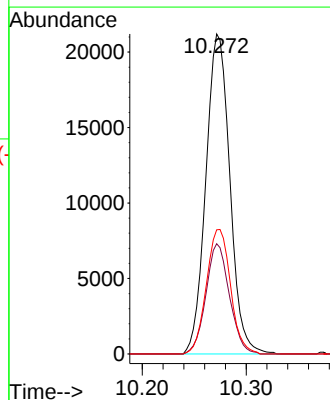
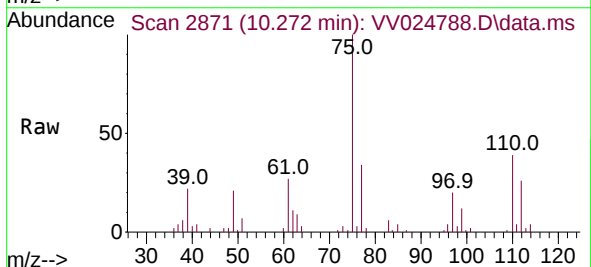
Instrument :
MSVOA_V
ClientSampleId :

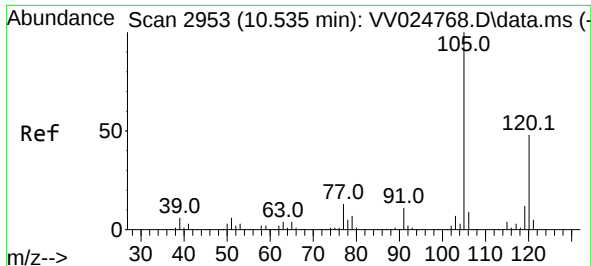
Tgt Ion:105 Resp: 302350
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 15.5 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 5.203 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

Tgt Ion: 75 Resp: 34014
Ion Ratio Lower Upper
75 100
77 33.6 26.3 39.5
110 39.1 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 5.102 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024788.D

Acq: 21 Feb 2022 20:12

Instrument :

MSVOA_V

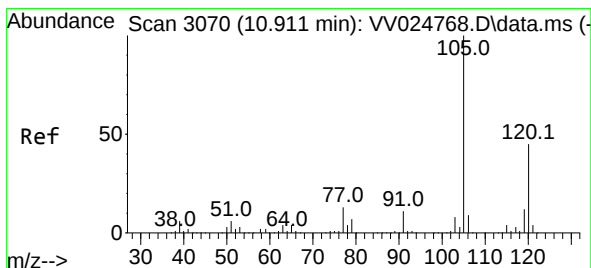
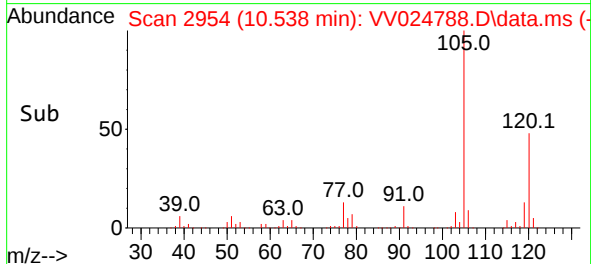
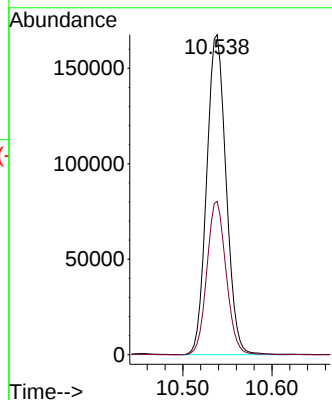
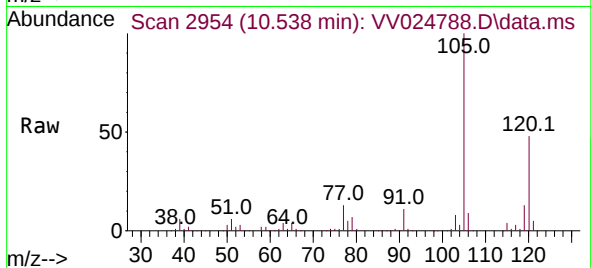
ClientSampleId :

Tgt Ion:105 Resp: 253787

Ion Ratio Lower Upper

105 100

120 47.4 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 5.094 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024788.D

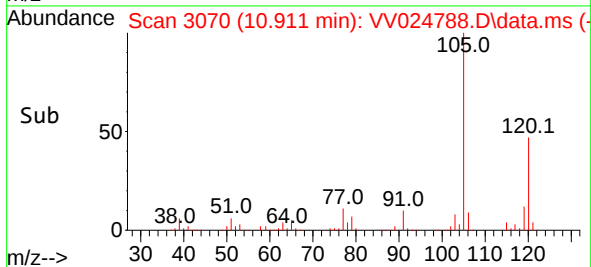
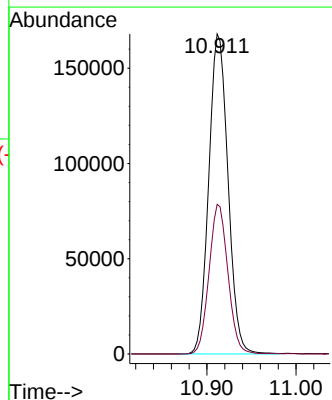
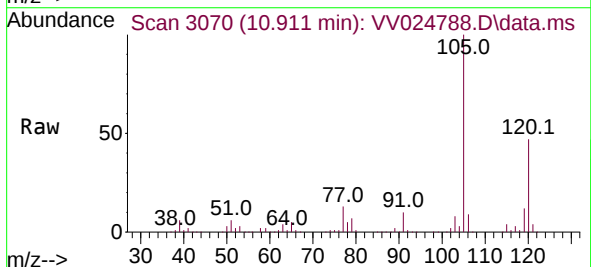
Acq: 21 Feb 2022 20:12

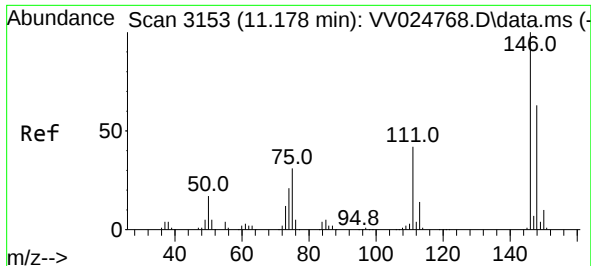
Tgt Ion:105 Resp: 251523

Ion Ratio Lower Upper

105 100

120 46.0 35.9 53.9

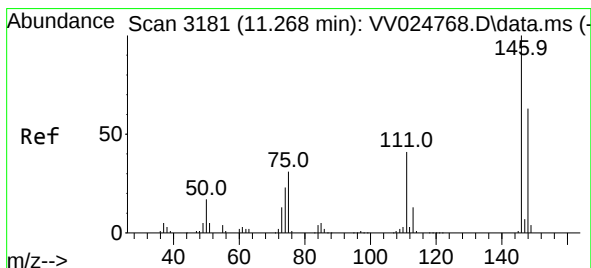
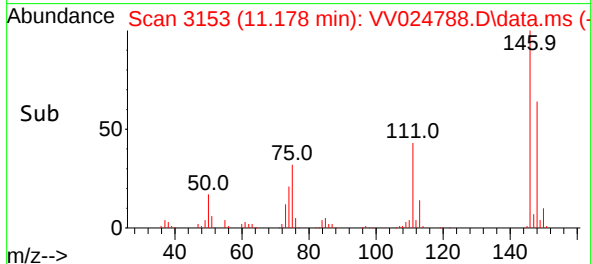
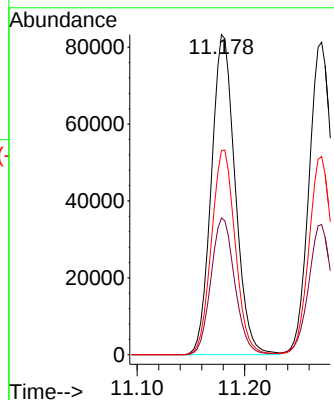
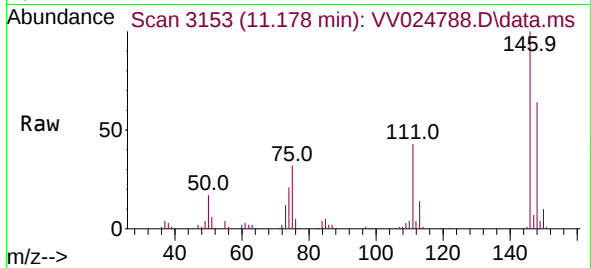




#64
1,3-Dichlorobenzene
Concen: 5.089 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

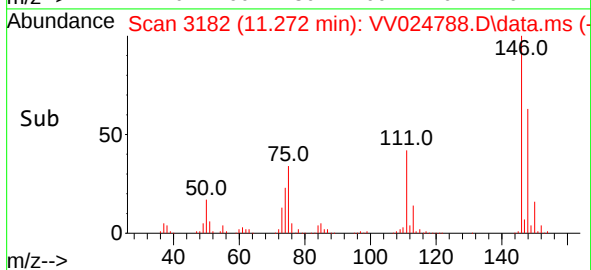
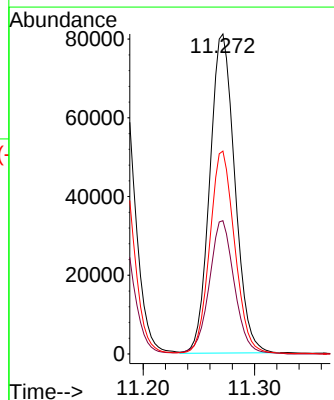
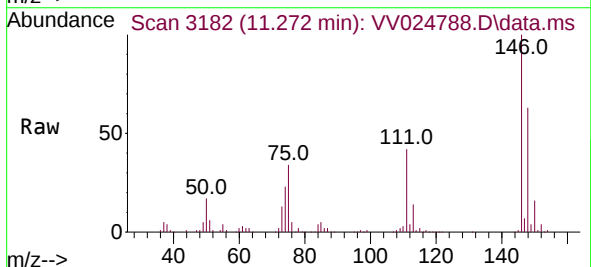
Instrument :
MSVOA_V
ClientSampleId :

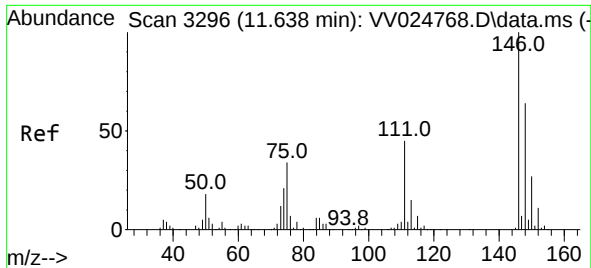
Tgt Ion:146 Resp: 128067
Ion Ratio Lower Upper
146 100
111 42.7 31.0 57.6
148 63.8 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 5.044 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

Tgt Ion:146 Resp: 126787
Ion Ratio Lower Upper
146 100
111 41.6 28.3 52.7
148 63.4 44.0 81.8

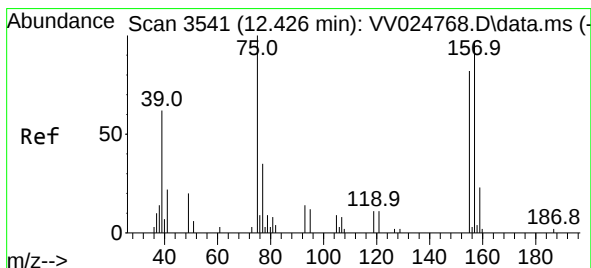
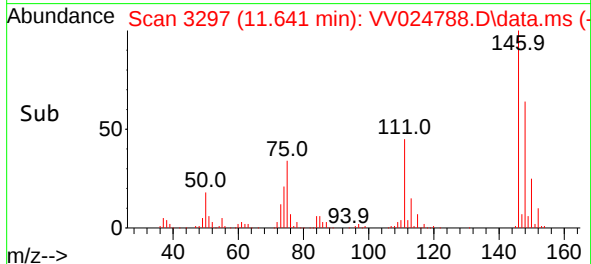
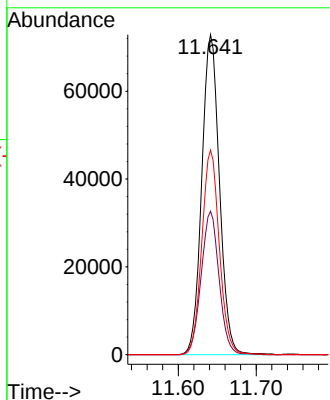
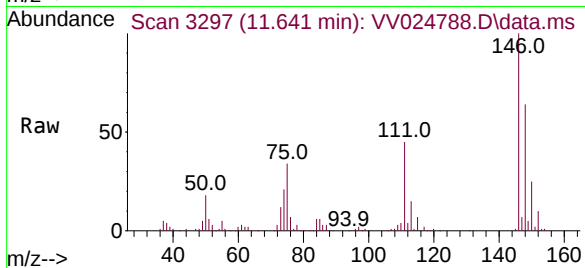




#67
1,2-Dichlorobenzene
Concen: 5.178 ug/L
RT: 11.641 min Scan# 3296
Delta R.T. 0.003 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

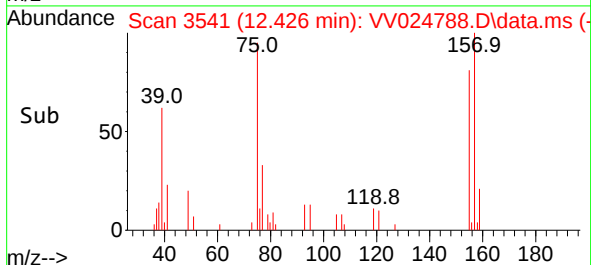
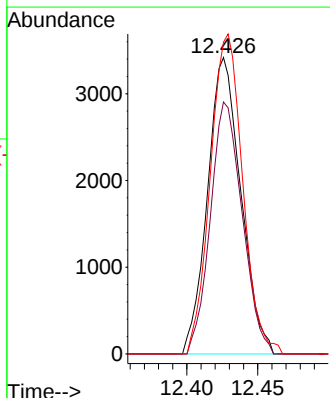
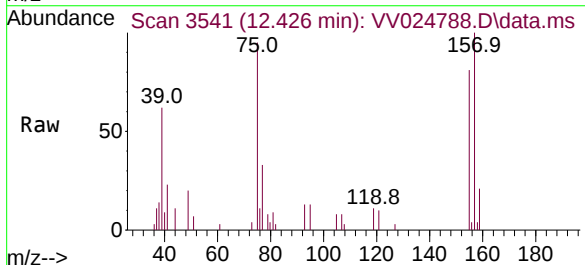
Instrument :
MSVOA_V
ClientSampleId :

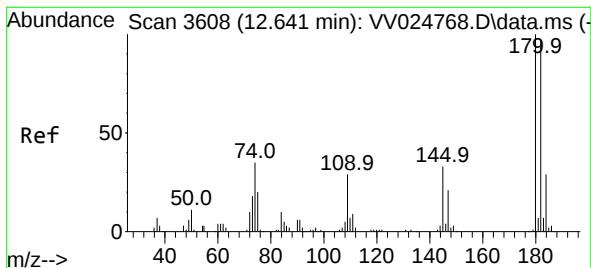
Tgt Ion:146 Resp: 114949
Ion Ratio Lower Upper
146 100
111 44.9 36.0 54.0
148 63.9 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.009 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

Tgt Ion: 75 Resp: 5599
Ion Ratio Lower Upper
75 100
155 85.0 61.7 92.5
157 105.2 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 5.011 ug/L

RT: 12.644 min Scan# 3608

Delta R.T. 0.003 min

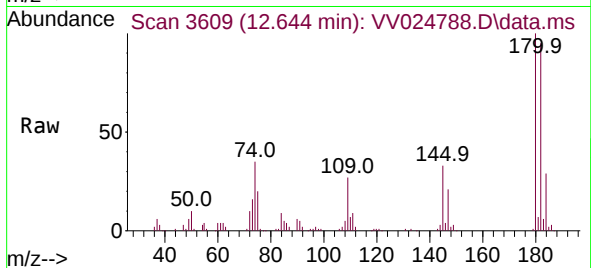
Lab File: VV024788.D

Acq: 21 Feb 2022 20:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 89418

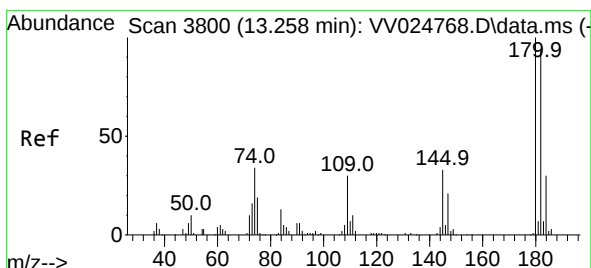
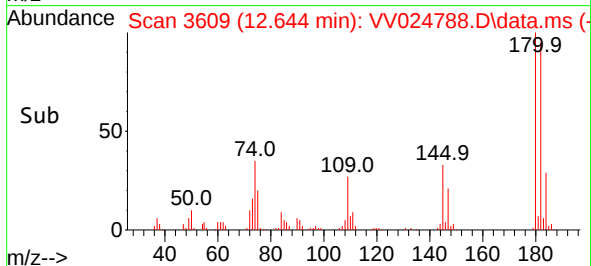
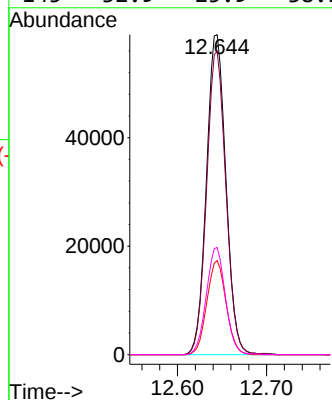
Ion Ratio Lower Upper

180 100

182 94.0 74.6 111.8

184 29.1 23.8 35.8

145 32.9 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 5.057 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV024788.D

Acq: 21 Feb 2022 20:12

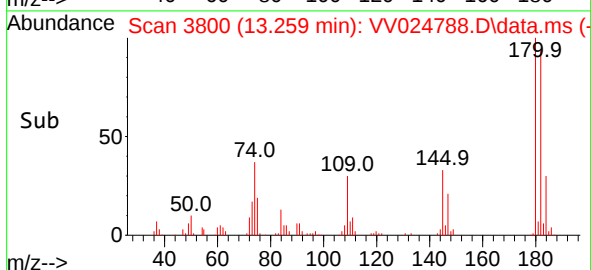
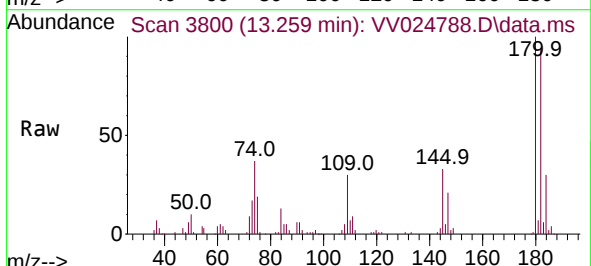
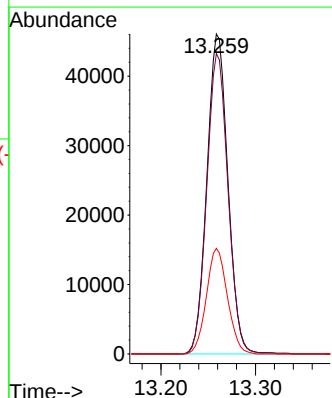
Tgt Ion:180 Resp: 71098

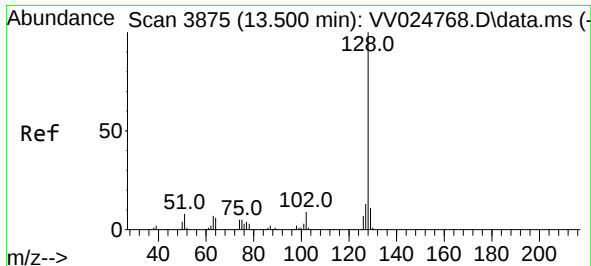
Ion Ratio Lower Upper

180 100

182 94.9 75.0 112.6

145 33.1 26.9 40.3

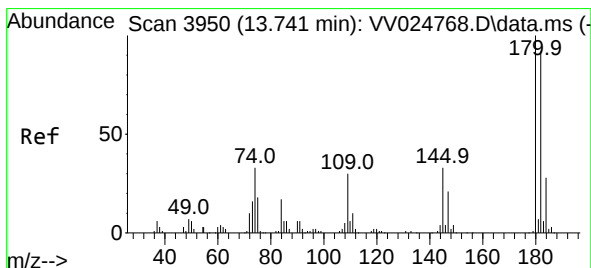
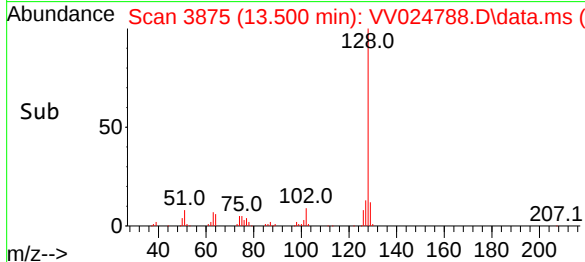
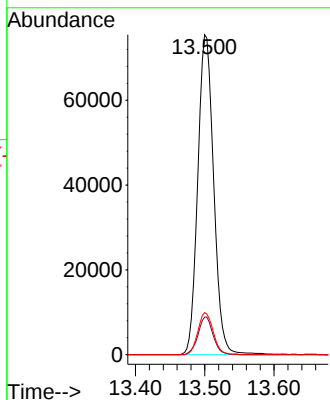
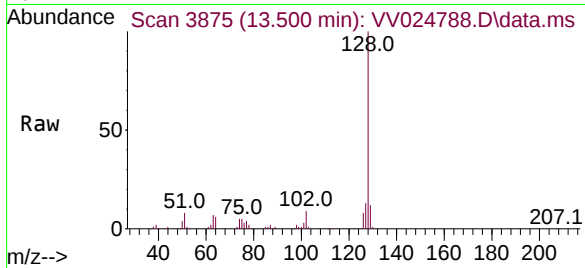




#71
Naphthalene
Concen: 5.046 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 120652
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 12.6 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.092 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024788.D
Acq: 21 Feb 2022 20:12

Tgt Ion:180 Resp: 59915
Ion Ratio Lower Upper
180 100
182 96.2 75.6 113.4
145 35.9 28.5 42.7

