

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024715.D
 Acq On : 17 Feb 2022 11:56
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5214

Quant Time: Feb 18 07:06:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	201738	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	186936	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84166	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	8656	0.507	ug/L	0.00
7) Chloroethane-d5	1.571	69	7420	0.519	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	16348	0.455	ug/L	0.00
20) 2-Butanone-d5	3.934	46	10960	3.955	ug/L	0.04
24) Chloroform-d	4.359	84	13498	0.466	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.044	65	6077	0.463	ug/L	0.00
32) Benzene-d6	5.056	84	27042	0.512	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	8258	0.505	ug/L	0.00
41) Toluene-d8	7.320	98	23007	0.467	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	2345	0.367	ug/L	0.00
46) 2-Hexanone-d5	8.098	63	8655	3.785	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	4602	0.475	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	7468	0.548	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.131	85	9980	0.400	ug/L	100
3) Chloromethane	1.243	50	10284	0.416	ug/L	98
5) Vinyl chloride	1.314	62	11032	0.411	ug/L	95
6) Bromomethane	1.523	94	6884	0.423	ug/L	92
8) Chloroethane	1.587	64	7263	0.442	ug/L	97
9) Trichlorofluoromethane	1.754	101	15072	0.421	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	8615	0.429	ug/L	97
12) 1,1-Dichloroethene	2.121	96	8267	0.417	ug/L	97
13) Acetone	2.192	43	9502	4.340	ug/L	99
14) Carbon disulfide	2.298	76	22252	0.357	ug/L	99
15) Methyl Acetate	2.455	43	2093	0.335	ug/L	94
16) Methylene chloride	2.510	84	9039	0.459	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	16021	0.396	ug/L	99
18) trans-1,2-Dichloroethene	2.767	96	7873	0.405	ug/L	92
19) 1,1-Dichloroethane	3.195	63	14279	0.424	ug/L	97
21) 2-Butanone	4.008	43	12328	3.510	ug/L	90
22) cis-1,2-Dichloroethene	3.921	96	7950	0.406	ug/L	99
23) Bromochloromethane	4.256	128	3241	0.434	ug/L	86
25) Chloroform	4.384	83	15675	0.445	ug/L	98
27) 1,2-Dichloroethane	5.143	62	8171	0.424	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	12765	0.438	ug/L	97
30) Cyclohexane	4.677	56	12618	0.420	ug/L	97
31) Carbon tetrachloride	4.831	117	10713	0.434	ug/L	96
33) Benzene	5.105	78	32042	0.457	ug/L	100
34) Trichloroethene	5.921	95	8686	0.453	ug/L	94
35) Methylcyclohexane	6.130	83	13372	0.425	ug/L	98
37) 1,2-Dichloropropane	6.182	63	7796	0.459	ug/L	97
38) Bromodichloromethane	6.516	83	9429	0.422	ug/L	97
39) cis-1,3-Dichloropropene	7.037	75	9445	0.372	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	33774	3.904	ug/L	99
42) Toluene	7.391	91	32954	0.432	ug/L	99
44) trans-1,3-Dichloropropene	7.658	75	7630	0.366	ug/L	97

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 VSTD0.5214

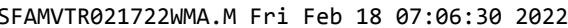
Quant Time: Feb 18 07:06:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:05:38 2022
 Response via : Initial Calibration

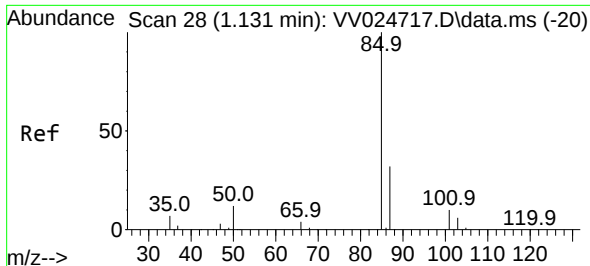
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.844	97	4987	0.454	ug/L	94
47) Tetrachloroethene	7.979	164	5671	0.443	ug/L	94
49) Dibromochloromethane	8.246	129	5155	0.394	ug/L	94
50) 1,2-Dibromoethane	8.359	107	4132	0.403	ug/L #	89
51) Chlorobenzene	8.883	112	21567	0.461	ug/L	98
52) Ethylbenzene	9.014	91	35088	0.415	ug/L	97
53) m,p-xylene	9.140	106	13053	0.409	ug/L	98
54) o-xylene	9.545	106	12887	0.416	ug/L	98
55) Styrene	9.564	104	19678	0.386	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	5160	0.461	ug/L	96
59) Bromoform	9.731	173	1974	0.386	ug/L #	91
60) Isopropylbenzene	9.931	105	33900	0.456	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	3961	0.492	ug/L	96
62) 1,3,5-Trimethylbenzene	10.539	105	27866	0.439	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	27102	0.429	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	15088	0.497	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	15423	0.512	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	13350	0.496	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	589	0.378	ug/L #	75
69) 1,3,5-Trichlorobenzene	12.645	180	10487	0.486	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	8157	0.473	ug/L	93
71) Naphthalene	13.503	128	13539	0.438	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	6777	0.467	ug/L	97

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

Quant Time: Feb 18 07:06:22 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 18 07:05:38 2022
Response via : Initial Calibration

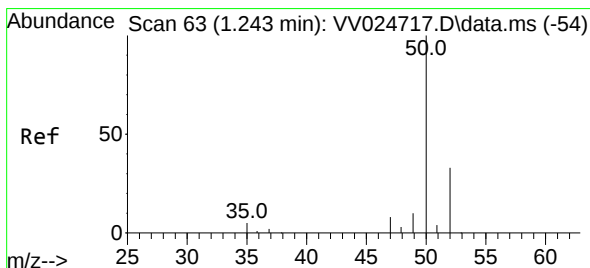
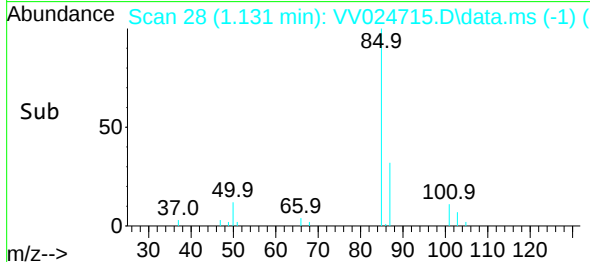
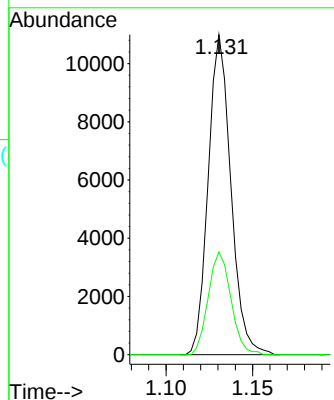
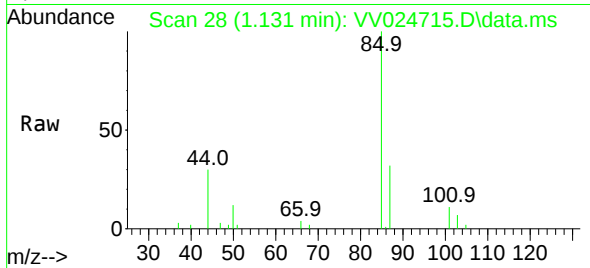




#2
Dichlorodifluoromethane
Concen: 0.400 ug/L
RT: 1.131 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

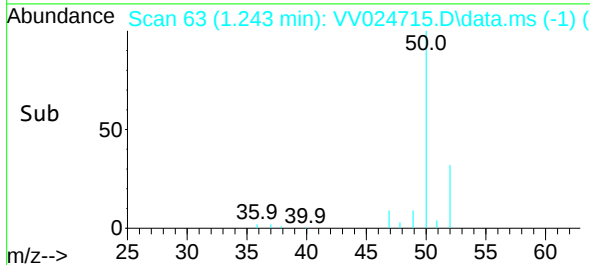
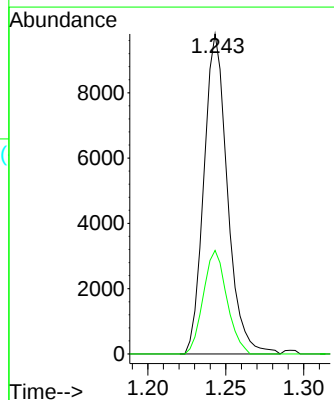
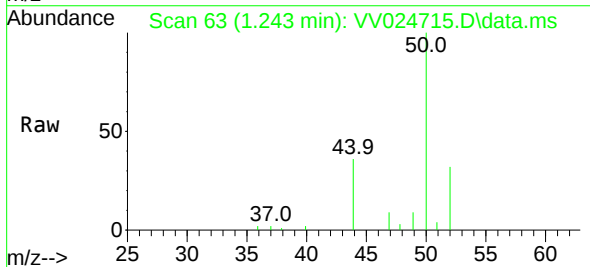
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5214

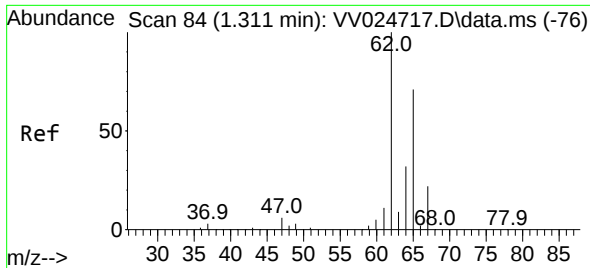
Tgt Ion: 85 Resp: 9980
Ion Ratio Lower Upper
85 100
87 32.1 25.9 38.9



#3
Chloromethane
Concen: 0.416 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

Tgt Ion: 50 Resp: 10284
Ion Ratio Lower Upper
50 100
52 32.4 23.3 43.3

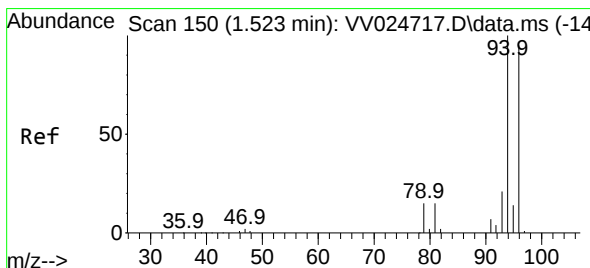
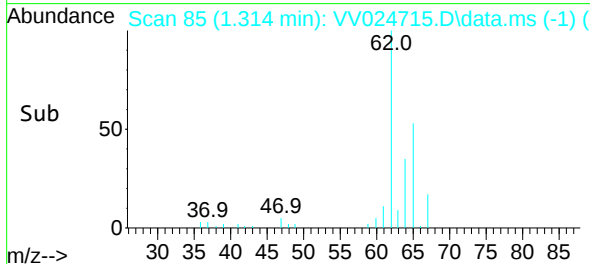
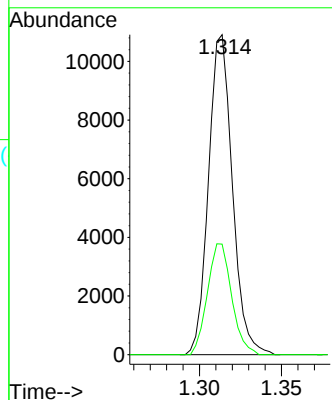
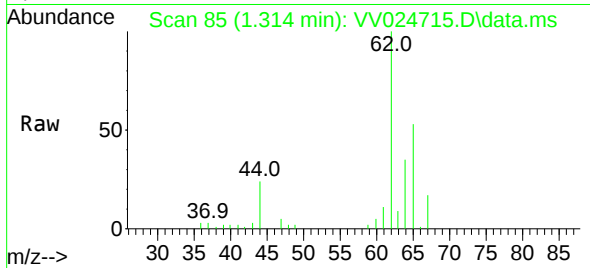




#5
 Vinyl chloride
 Concen: 0.411 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV024715.D
 Acq: 17 Feb 2022 11:56

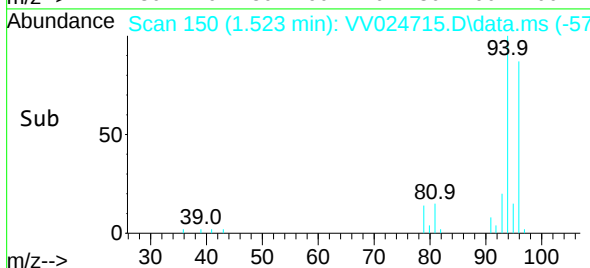
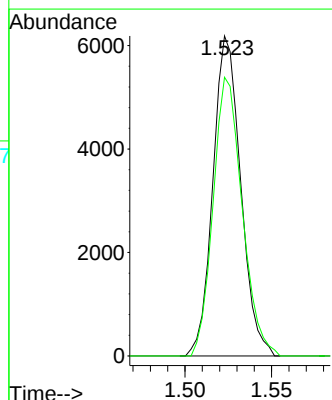
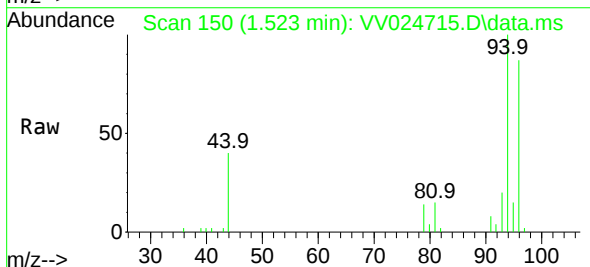
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 ClientSampleId :
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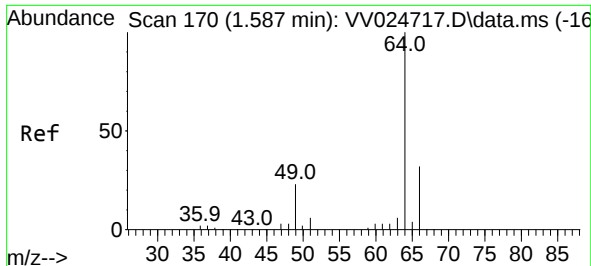
Tgt Ion: 62 Resp: 11032
 Ion Ratio Lower Upper
 62 100
 64 34.5 22.2 41.2



#6
 Bromomethane
 Concen: 0.423 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024715.D
 Acq: 17 Feb 2022 11:56

Tgt Ion: 94 Resp: 6884
 Ion Ratio Lower Upper
 94 100
 96 87.1 66.5 123.5

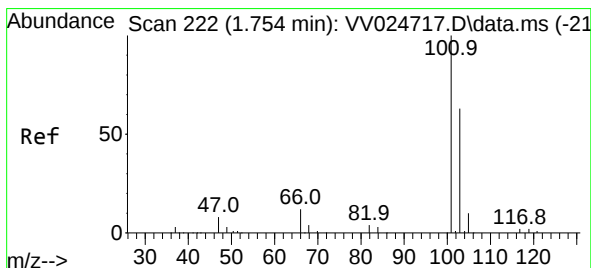
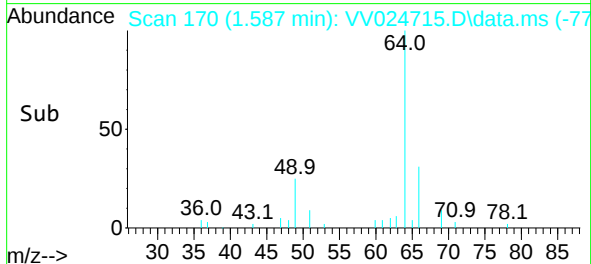
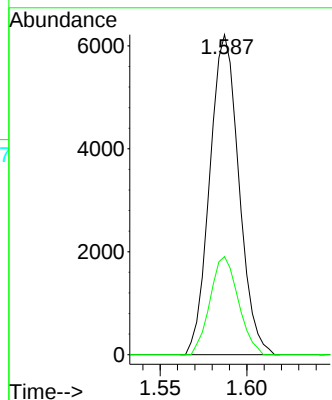
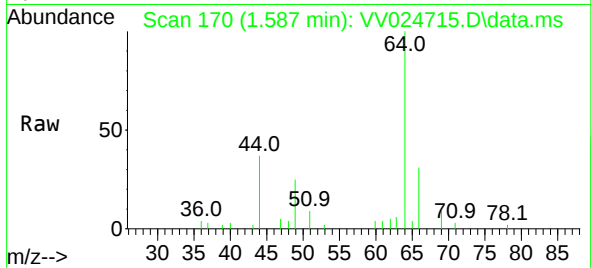




#8
Chloroethane
Concen: 0.442 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

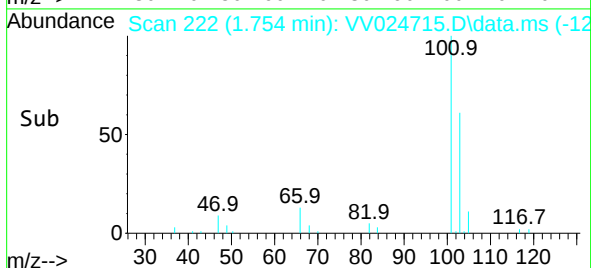
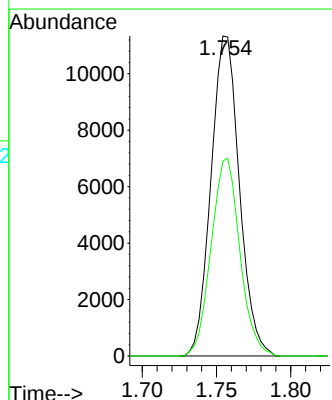
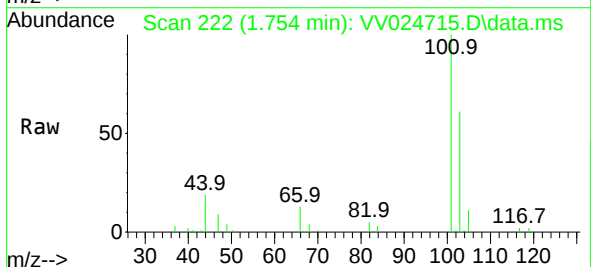
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ClientSampleId :
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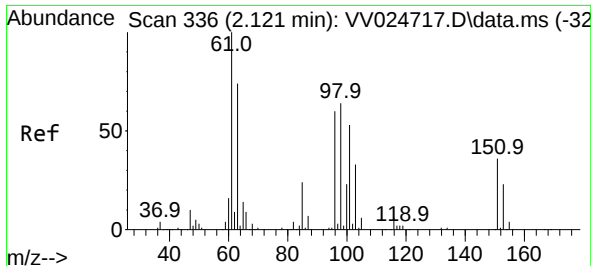
Tgt Ion: 64 Resp: 7263
Ion Ratio Lower Upper
64 100
66 30.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 0.421 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

Tgt Ion: 101 Resp: 15072
Ion Ratio Lower Upper
101 100
103 62.3 50.7 76.1

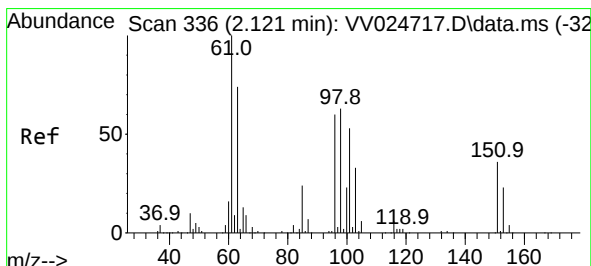
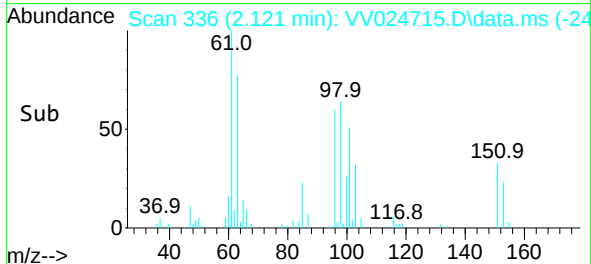
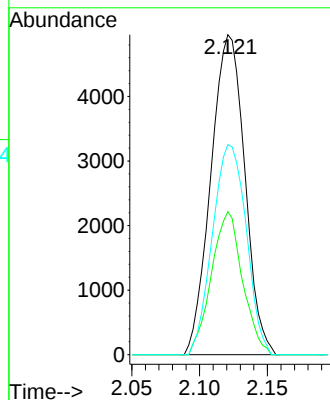
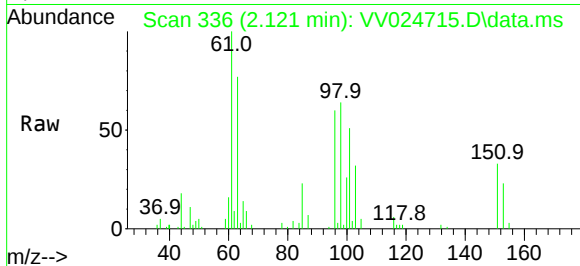




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.429 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV024715.D
 Acq: 17 Feb 2022 11:56

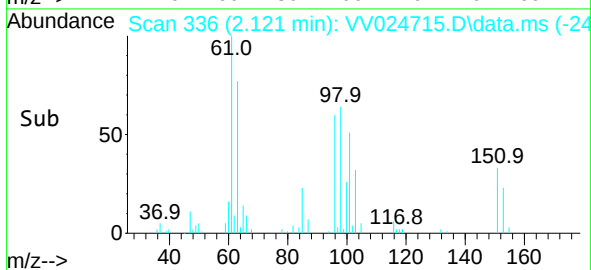
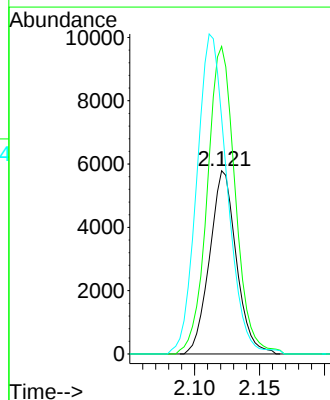
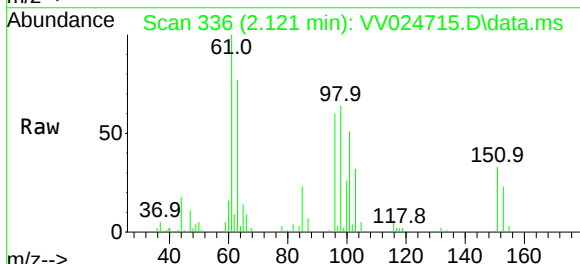
Instrument :
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 ClientSampleId :
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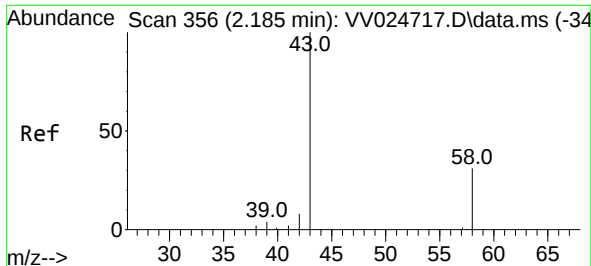
Tgt Ion:	101	Resp:	8615
Ion	Ratio	Lower	Upper
101	100		
85	41.0	34.7	52.1
151	65.5	53.5	80.3



#12
 1,1-Dichloroethene
 Concen: 0.417 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV024715.D
 Acq: 17 Feb 2022 11:56

Tgt Ion:	96	Resp:	8267
Ion	Ratio	Lower	Upper
96	100		
61	167.9	116.3	216.1
63	128.6	86.0	159.6





#13

Acetone

Concen: 4.340 ug/L

RT: 2.192 min Scan# 358

Delta R.T. 0.006 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

Instrument :

MSVOA_V

ClientSampleId :

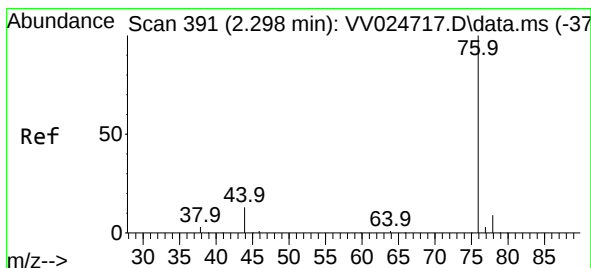
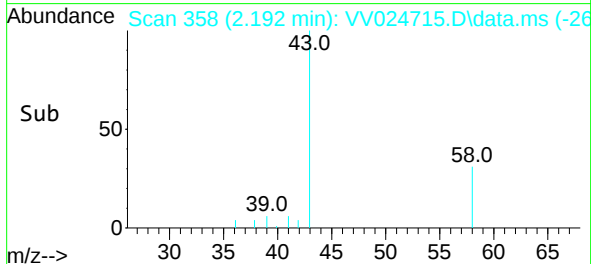
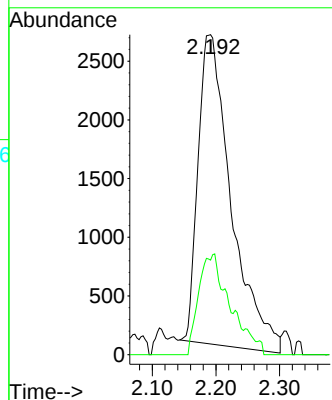
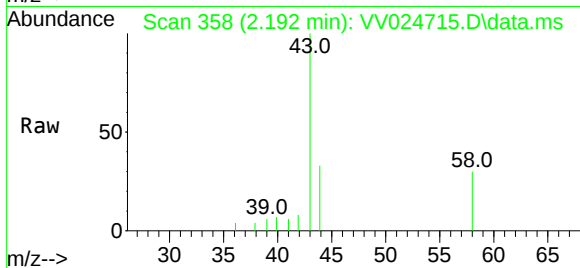
VSTD0.5214

Tgt Ion: 43 Resp: 9502

Ion Ratio Lower Upper

43 100

58 31.2 0.0 63.6



#14

Carbon disulfide

Concen: 0.357 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV024715.D

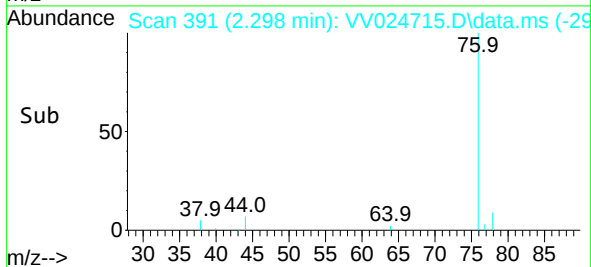
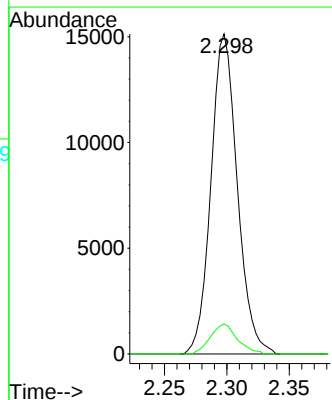
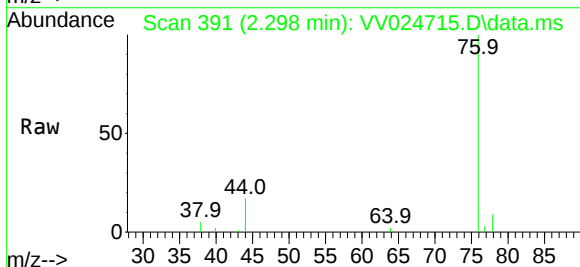
Acq: 17 Feb 2022 11:56

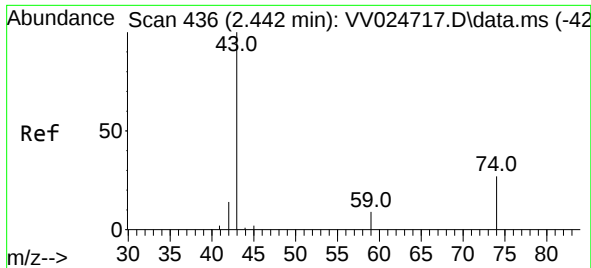
Tgt Ion: 76 Resp: 22252

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9





#15

Methyl Acetate

Concen: 0.335 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.013 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

Instrument :

MSVOA_V

ClientSampleId :

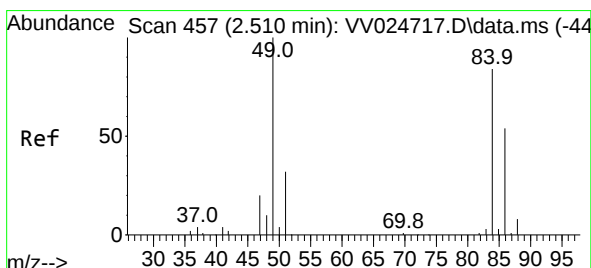
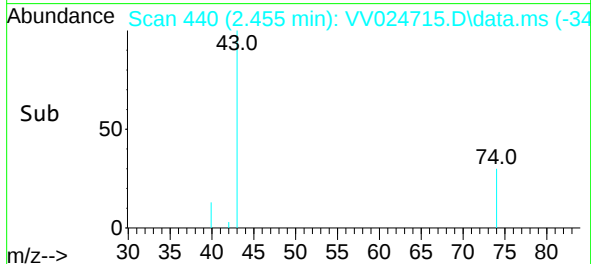
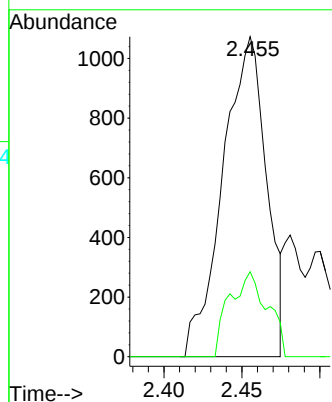
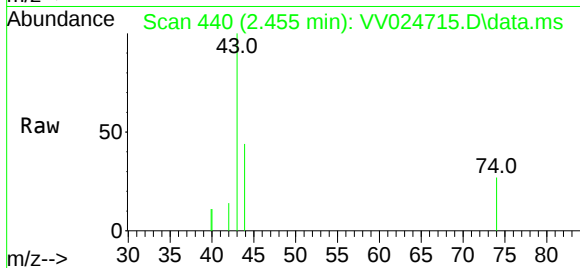
VSTD0.5214

Tgt Ion: 43 Resp: 2093

Ion Ratio Lower Upper

43 100

74 22.9 20.8 31.2



#16

Methylene chloride

Concen: 0.459 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.000 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

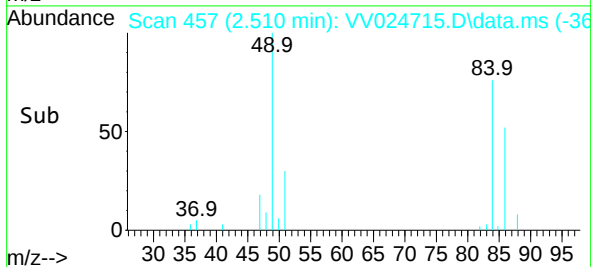
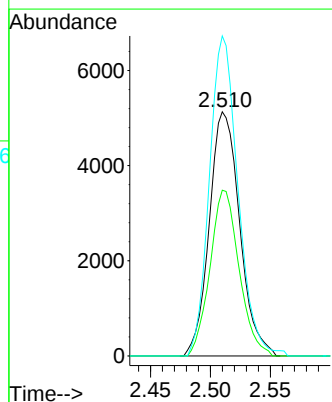
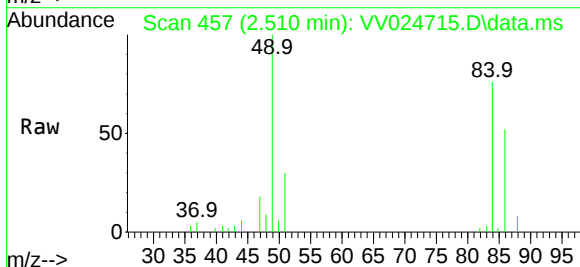
Tgt Ion: 84 Resp: 9039

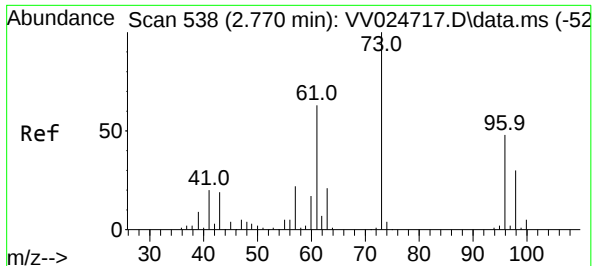
Ion Ratio Lower Upper

84 100

86 67.9 45.1 83.7

49 131.1 83.5 155.1





#17

Methyl tert-butyl Ether

Concen: 0.396 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5214

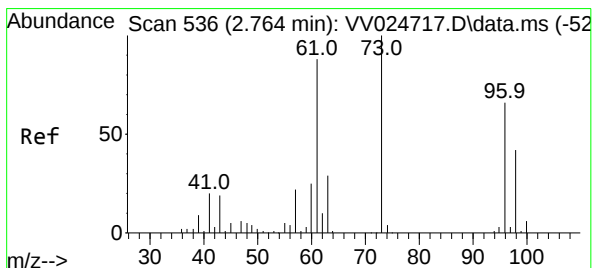
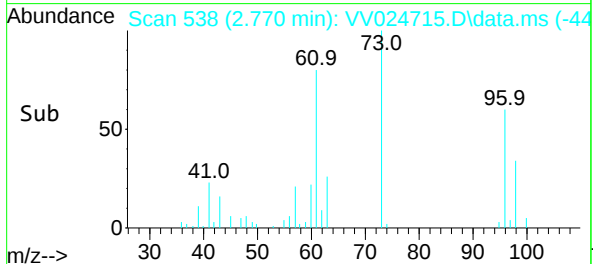
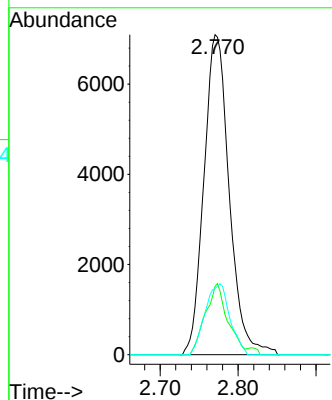
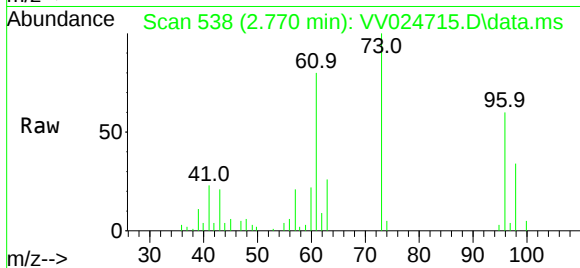
Tgt Ion: 73 Resp: 16021

Ion Ratio Lower Upper

73 100

43 19.5 15.1 22.7

57 21.7 17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 0.405 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.003 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

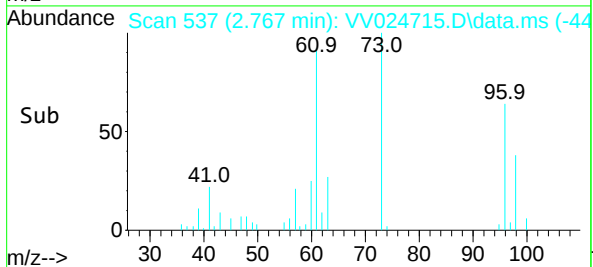
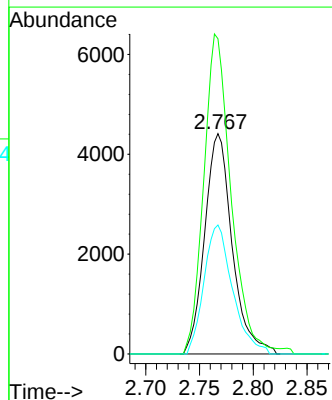
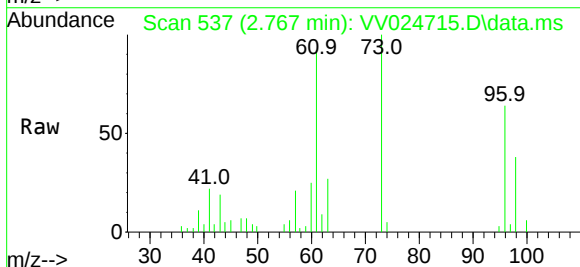
Tgt Ion: 96 Resp: 7873

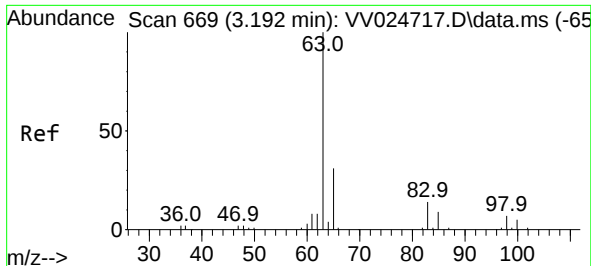
Ion Ratio Lower Upper

96 100

61 143.1 92.9 172.5

98 58.5 44.5 82.7





#19

1,1-Dichloroethane

Concen: 0.424 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5214

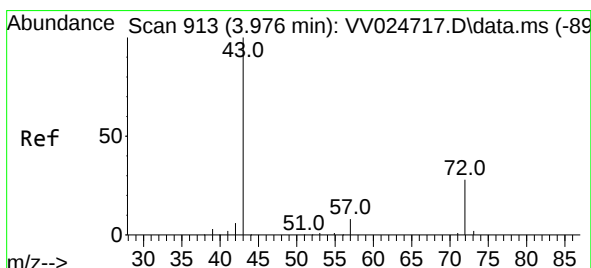
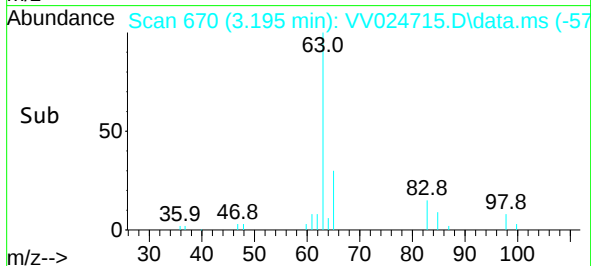
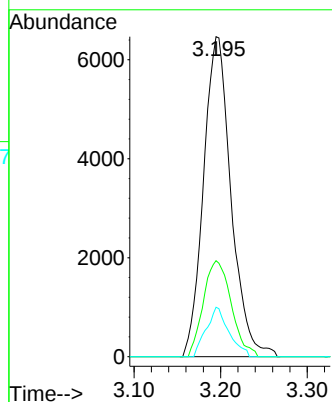
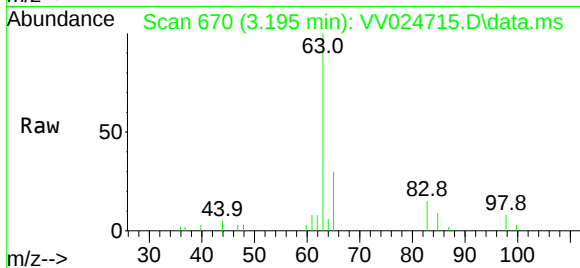
Tgt Ion: 63 Resp: 14279

Ion Ratio Lower Upper

63 100

65 30.0 22.0 40.8

83 15.5 9.5 17.7



#21

2-Butanone

Concen: 3.510 ug/L

RT: 4.008 min Scan# 923

Delta R.T. 0.032 min

Lab File: VV024715.D

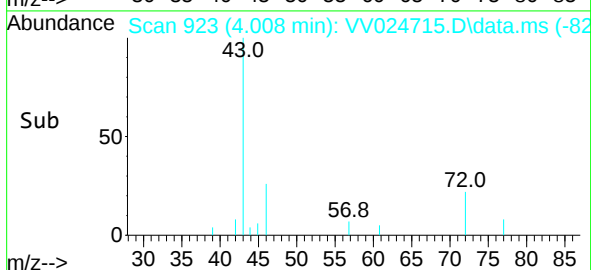
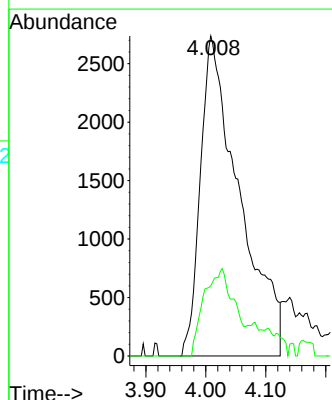
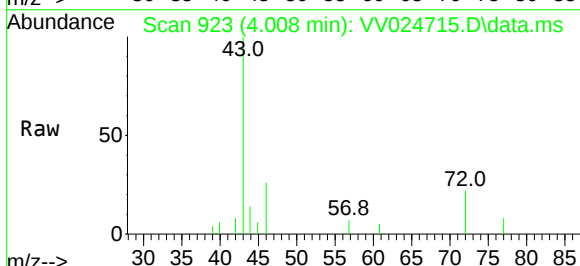
Acq: 17 Feb 2022 11:56

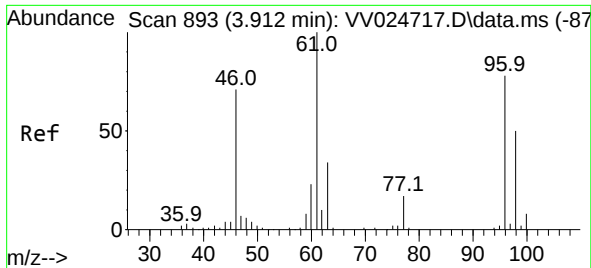
Tgt Ion: 43 Resp: 12328

Ion Ratio Lower Upper

43 100

72 21.3 13.2 39.6

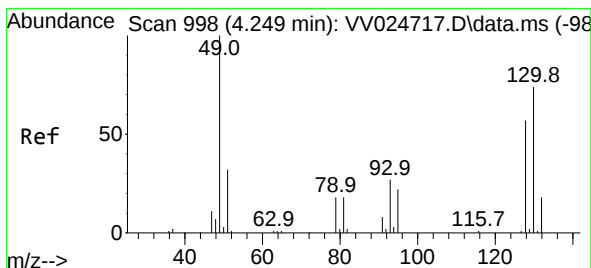
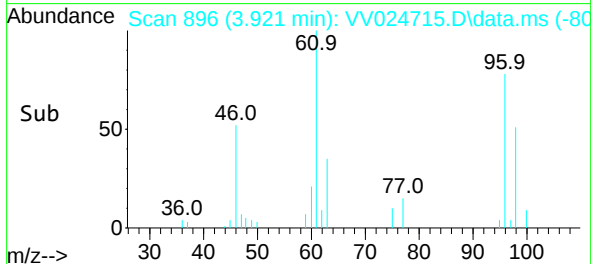
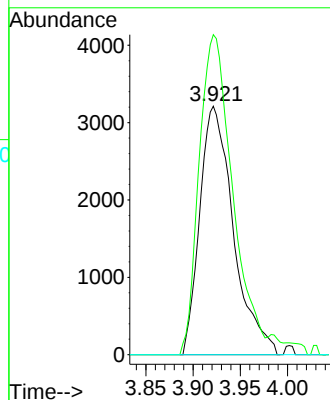
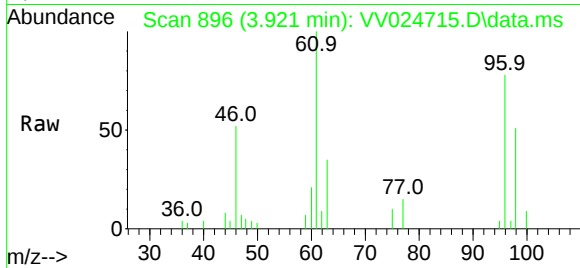




#22
 cis-1,2-Dichloroethene
 Concen: 0.406 ug/L
 RT: 3.921 min Scan# 89
 Delta R.T. 0.010 min
 Lab File: VV024715.D
 Acq: 17 Feb 2022 11:56

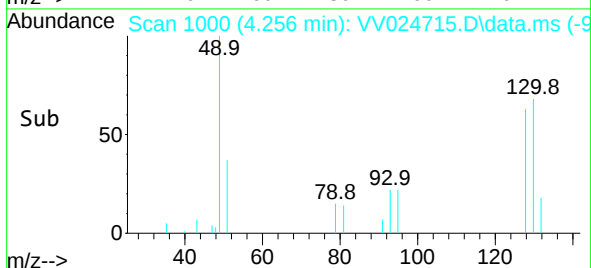
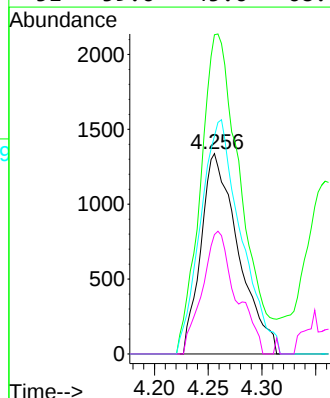
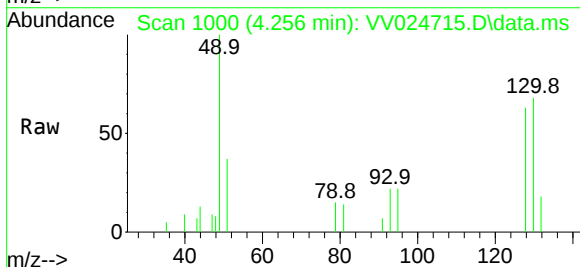
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5214

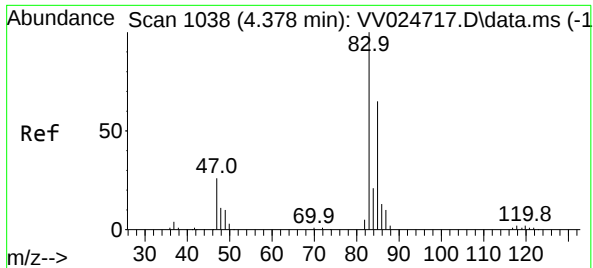
Tgt Ion: 96 Resp: 7950
 Ion Ratio Lower Upper
 96 100
 61 128.8 89.7 166.5
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.434 ug/L
 RT: 4.256 min Scan# 1000
 Delta R.T. 0.006 min
 Lab File: VV024715.D
 Acq: 17 Feb 2022 11:56

Tgt Ion: 128 Resp: 3241
 Ion Ratio Lower Upper
 128 100
 49 159.3 124.2 230.6
 130 108.7 92.1 171.1
 51 59.6 45.6 68.4

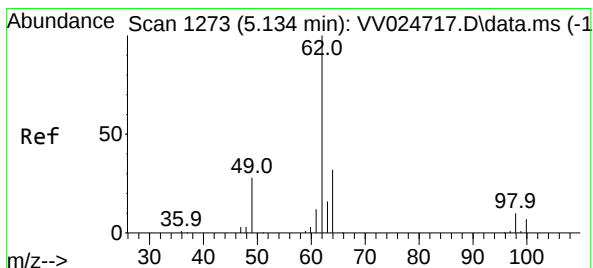
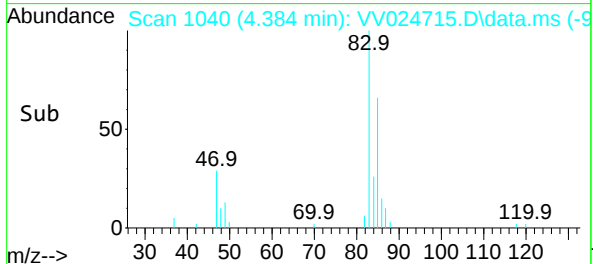
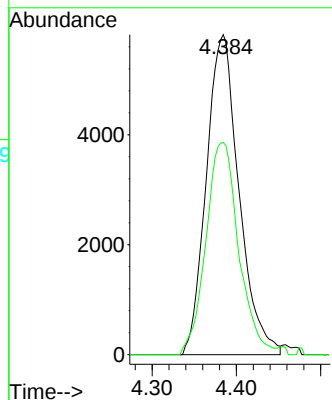
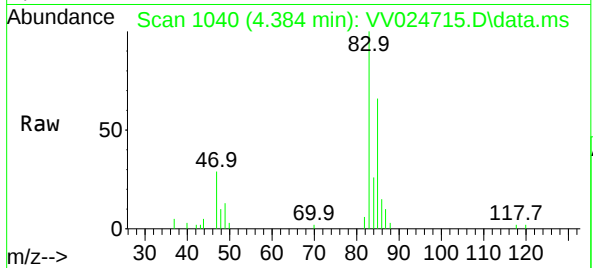




#25
Chloroform
Concen: 0.445 ug/L
RT: 4.384 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

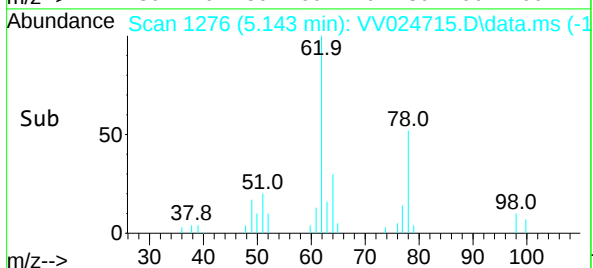
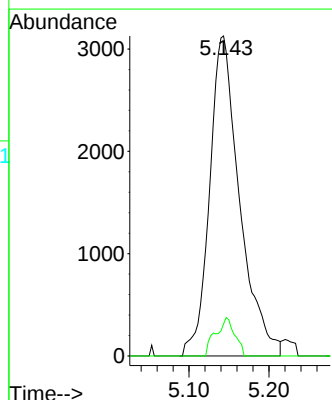
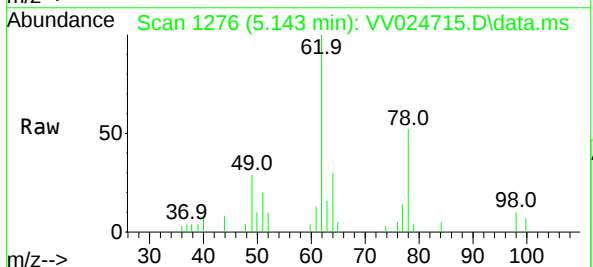
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5214

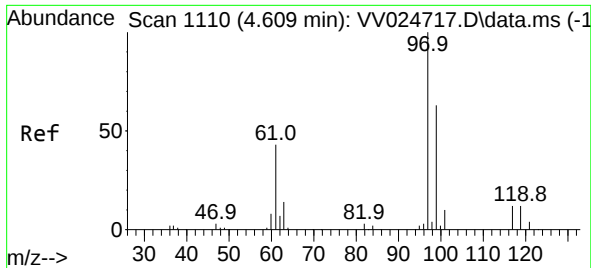
Tgt Ion: 83 Resp: 15675
Ion Ratio Lower Upper
83 100
85 66.4 45.5 84.5



#27
1,2-Dichloroethane
Concen: 0.424 ug/L
RT: 5.143 min Scan# 1276
Delta R.T. 0.010 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

Tgt Ion: 62 Resp: 8171
Ion Ratio Lower Upper
62 100
98 10.0 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 0.438 ug/L

RT: 4.613 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5214

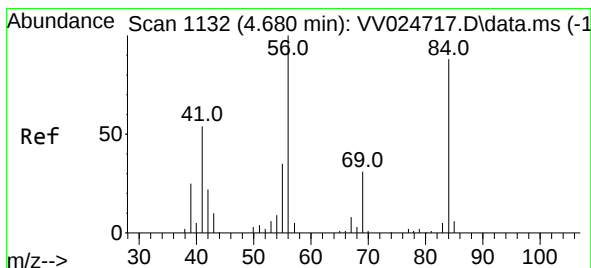
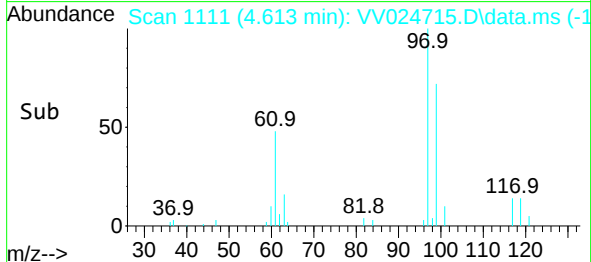
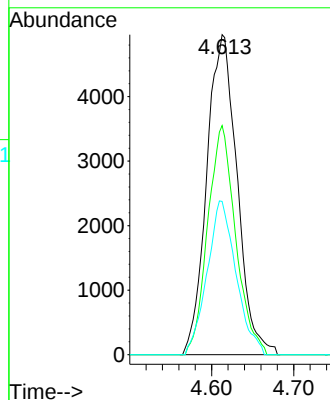
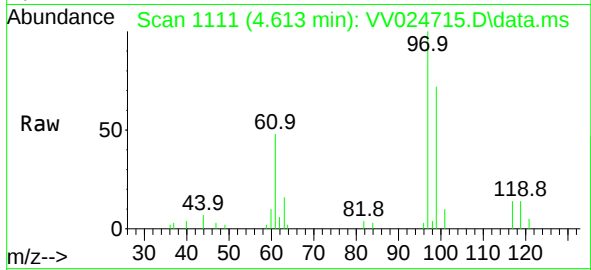
Tgt Ion: 97 Resp: 12765

Ion Ratio Lower Upper

97 100

99 65.9 50.5 75.7

61 45.8 35.8 53.6



#30

Cyclohexane

Concen: 0.420 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

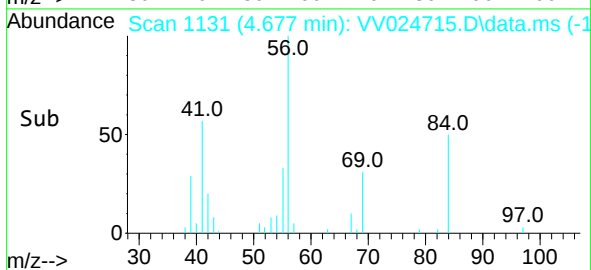
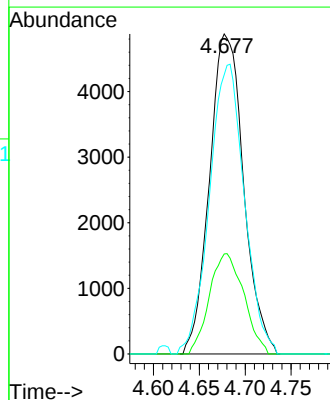
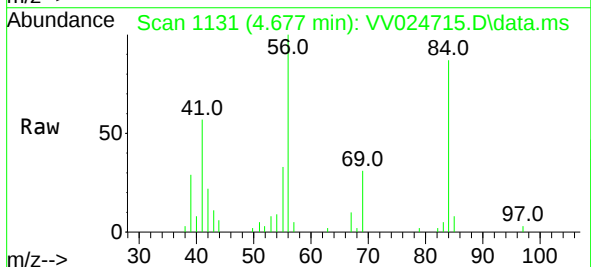
Tgt Ion: 56 Resp: 12618

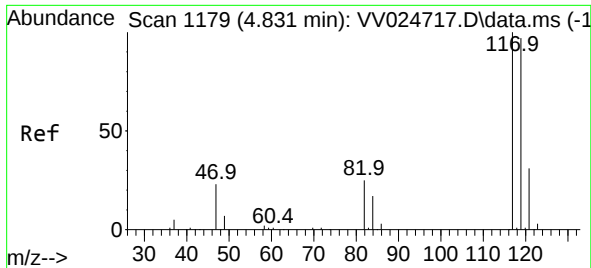
Ion Ratio Lower Upper

56 100

69 31.5 24.6 37.0

84 92.6 71.4 107.0

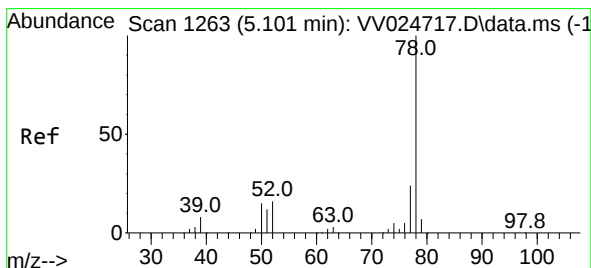
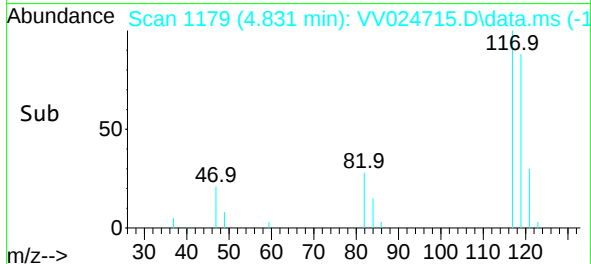
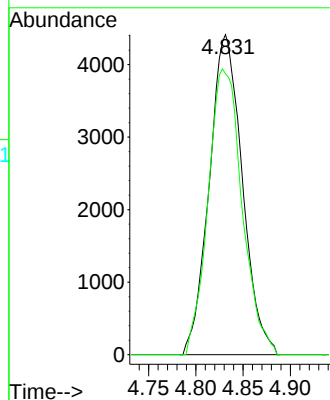
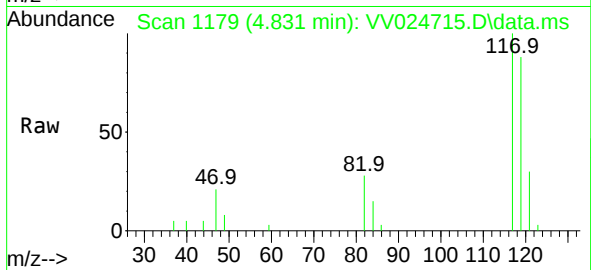




#31
Carbon tetrachloride
Concen: 0.434 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

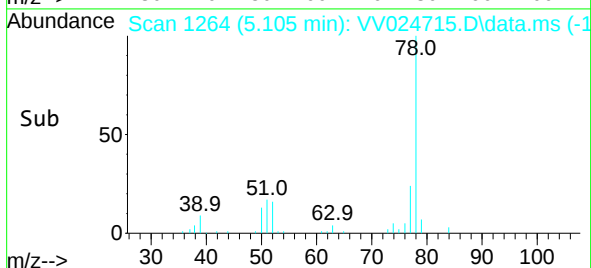
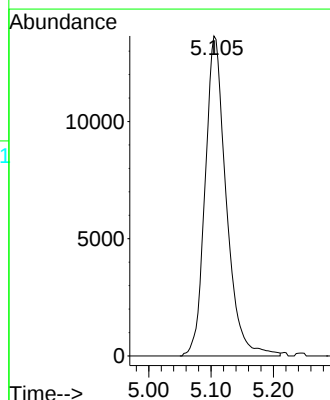
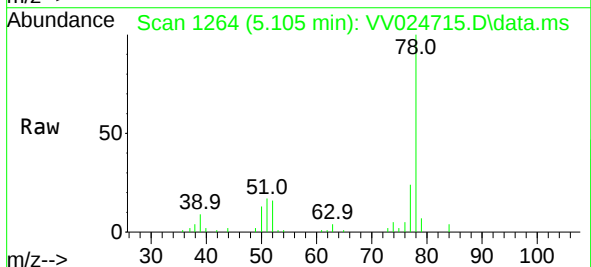
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5214

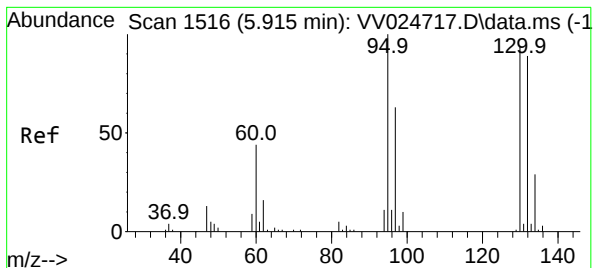
Tgt Ion:117 Resp: 10713
Ion Ratio Lower Upper
117 100
119 91.9 76.6 115.0



#33
Benzene
Concen: 0.457 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

Tgt Ion: 78 Resp: 32042





#34

Trichloroethene

Concen: 0.453 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5214

Tgt Ion: 95 Resp: 8686

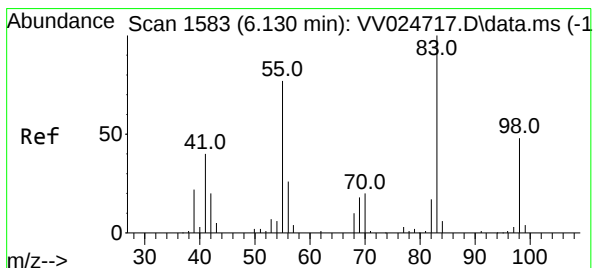
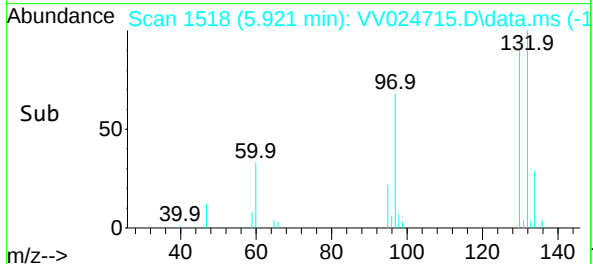
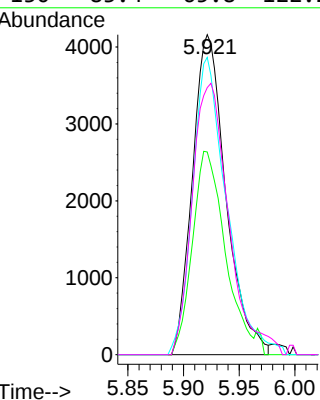
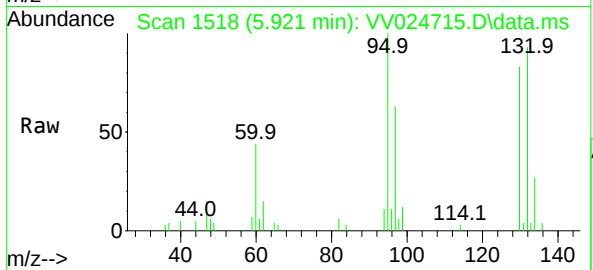
Ion Ratio Lower Upper

95 100

97 63.4 44.2 82.0

132 92.9 62.1 115.3

130 83.4 65.8 122.2



#35

Methylcyclohexane

Concen: 0.425 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

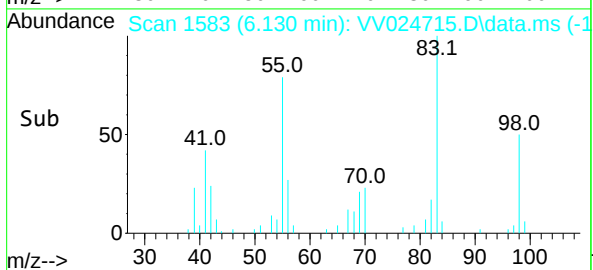
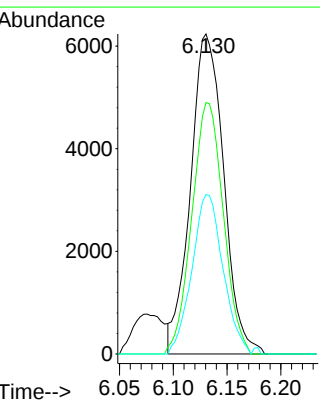
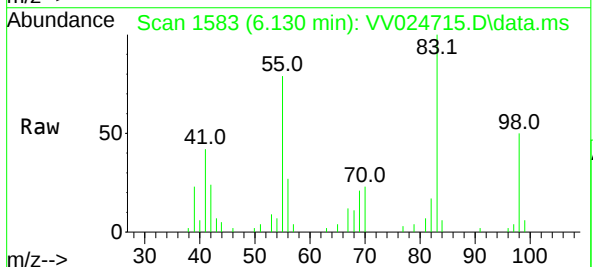
Tgt Ion: 83 Resp: 13372

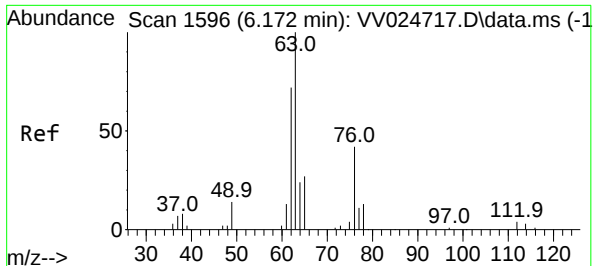
Ion Ratio Lower Upper

83 100

55 74.6 58.8 88.2

98 46.6 38.6 58.0





#37

1,2-Dichloropropane

Concen: 0.459 ug/L

RT: 6.182 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

Instrument :

MSVOA_V

ClientSampleId :

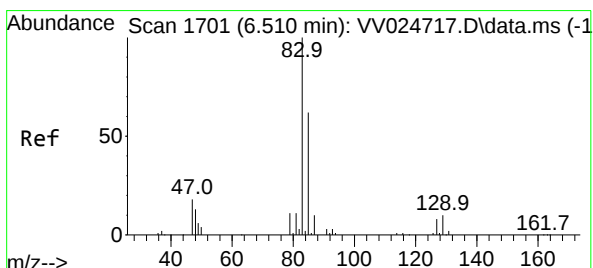
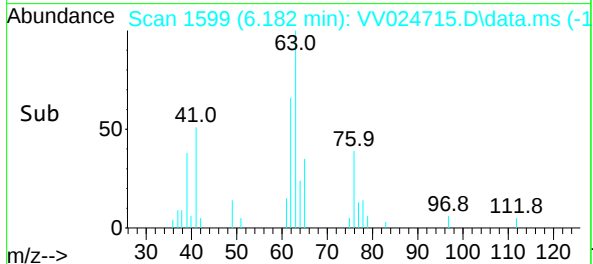
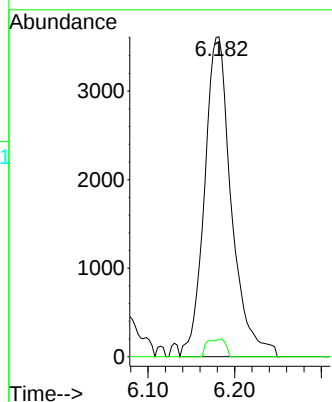
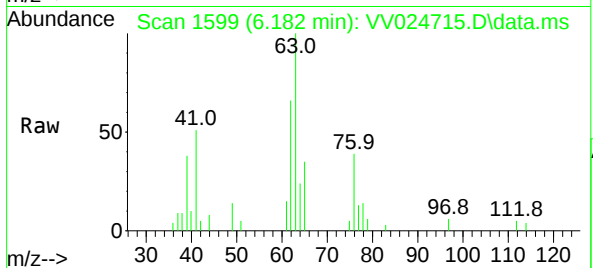
VSTD0.5214

Tgt Ion: 63 Resp: 7796

Ion Ratio Lower Upper

63 100

112 3.8 3.8 5.6



#38

Bromodichloromethane

Concen: 0.422 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

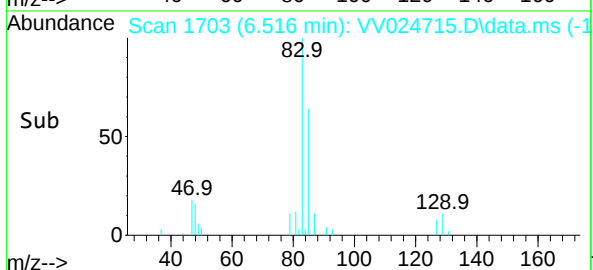
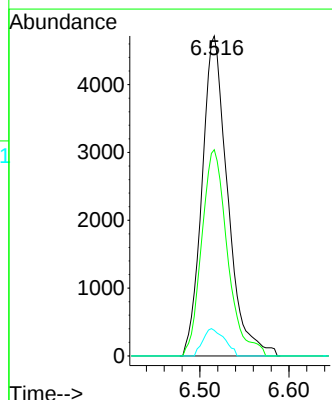
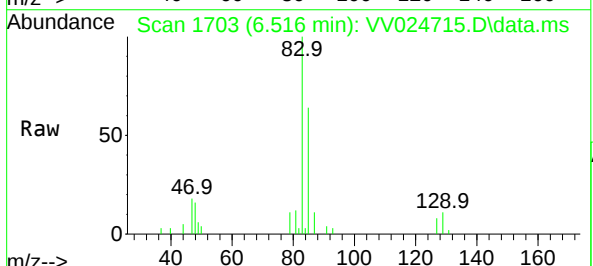
Tgt Ion: 83 Resp: 9429

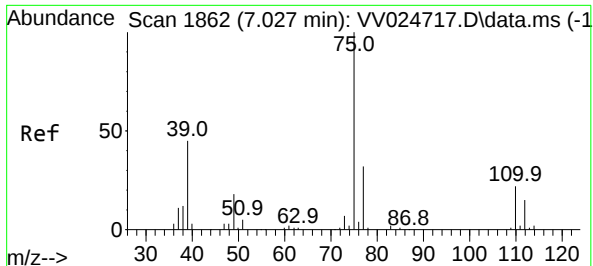
Ion Ratio Lower Upper

83 100

85 64.5 43.5 80.9

127 8.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 0.372 ug/L

RT: 7.037 min Scan# 1865

Delta R.T. 0.010 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

Instrument :

MSVOA_V

ClientSampleId :

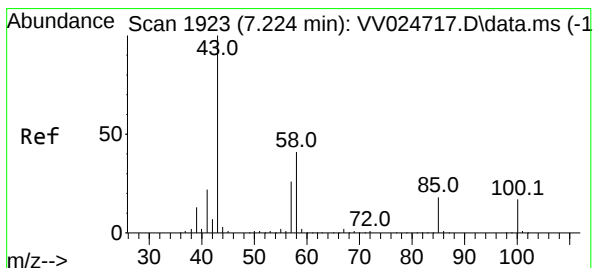
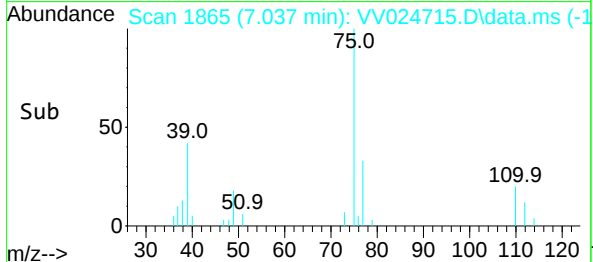
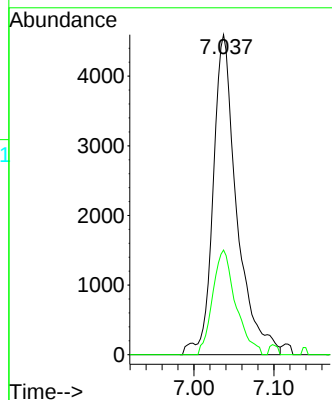
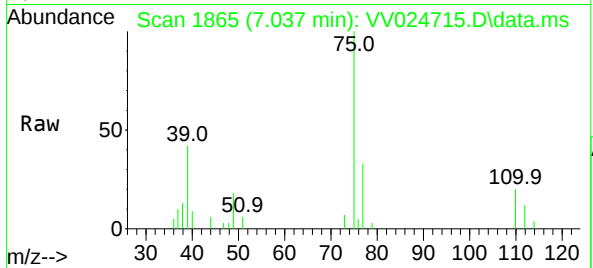
VSTD0.5214

Tgt Ion: 75 Resp: 9445

Ion Ratio Lower Upper

75 100

77 32.7 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 3.904 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

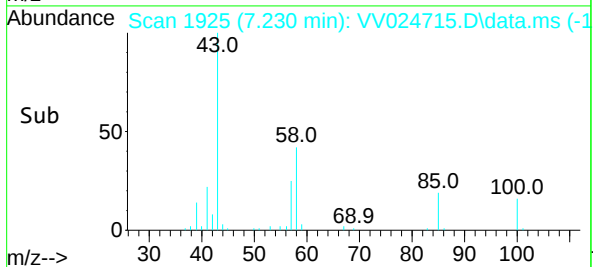
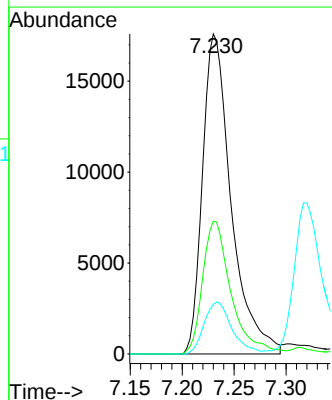
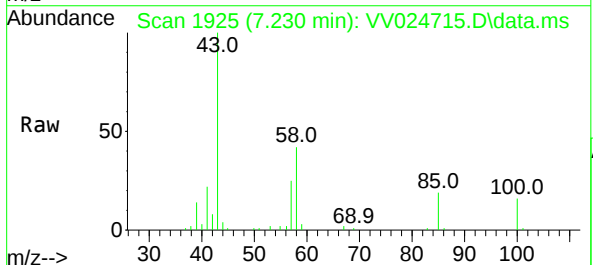
Tgt Ion: 43 Resp: 33774

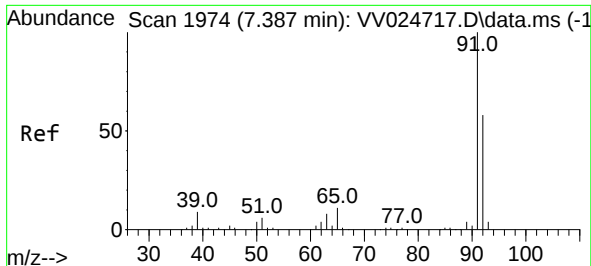
Ion Ratio Lower Upper

43 100

58 41.2 33.0 49.6

100 15.8 13.3 19.9





#42

Toluene

Concen: 0.432 ug/L

RT: 7.391 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

Instrument :

MSVOA_V

ClientSampleId :

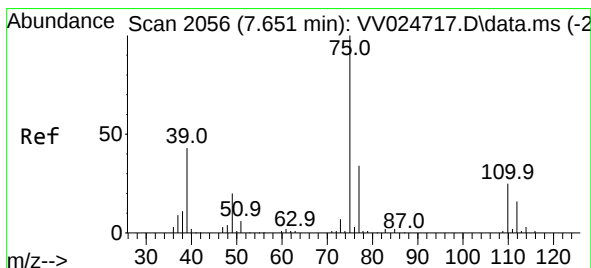
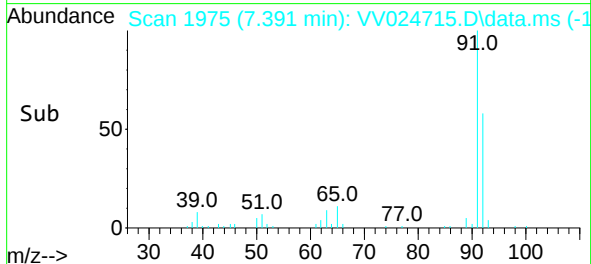
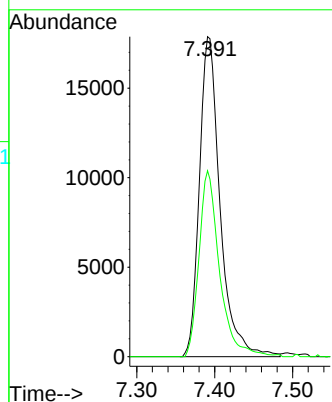
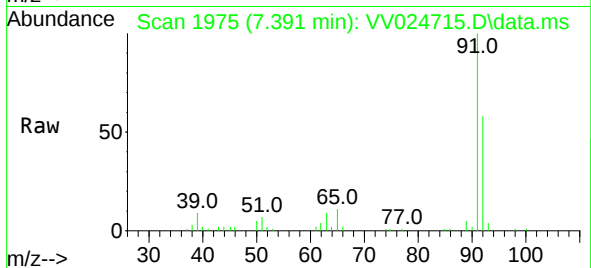
VSTD0.5214

Tgt Ion: 91 Resp: 32954

Ion Ratio Lower Upper

91 100

92 58.1 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 0.366 ug/L

RT: 7.658 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VV024715.D

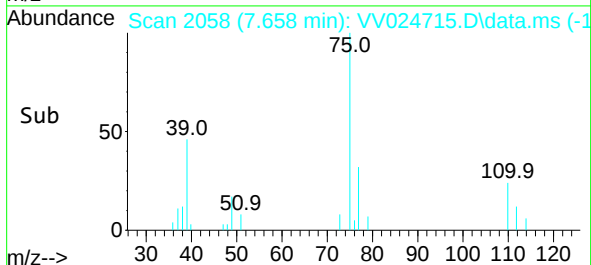
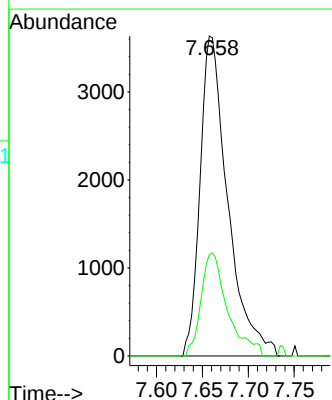
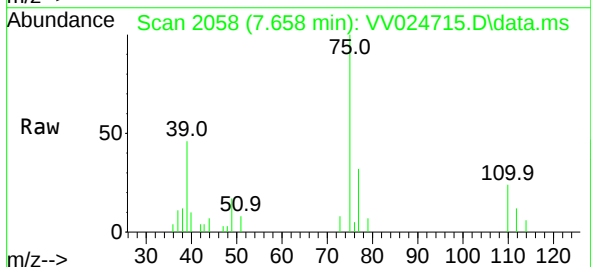
Acq: 17 Feb 2022 11:56

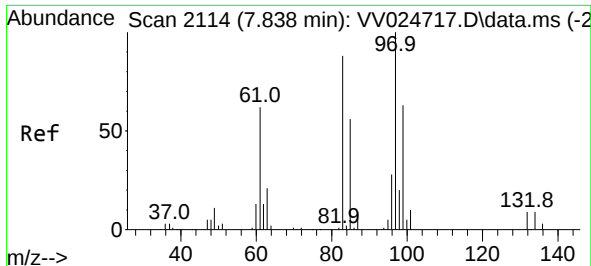
Tgt Ion: 75 Resp: 7630

Ion Ratio Lower Upper

75 100

77 31.7 23.5 43.7





#45

1,1,2-Trichloroethane

Concen: 0.454 ug/L

RT: 7.844 min Scan# 2114

Delta R.T. 0.006 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5214

Tgt Ion: 97 Resp: 4987

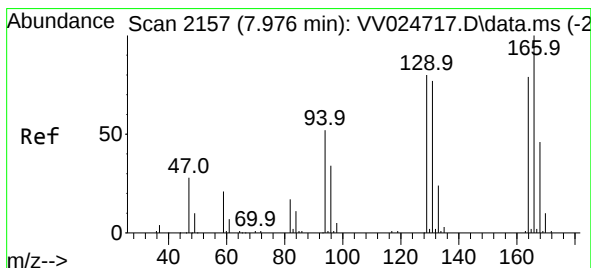
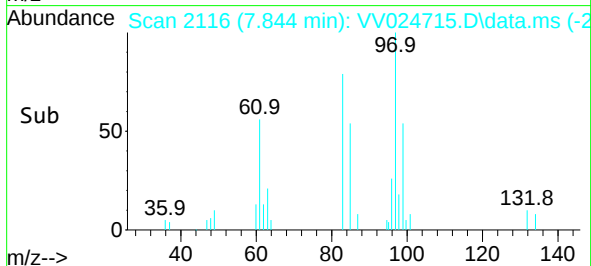
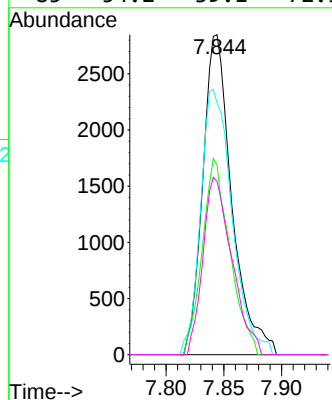
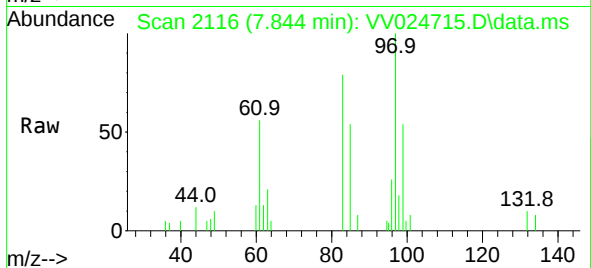
Ion Ratio Lower Upper

97 100

99 59.4 43.8 81.3

83 78.7 61.3 113.9

85 54.2 39.1 72.5



#47

Tetrachloroethene

Concen: 0.443 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

Tgt Ion: 164 Resp: 5671

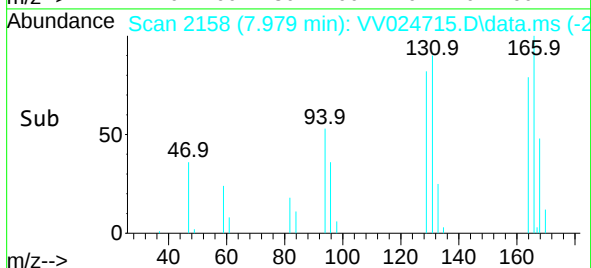
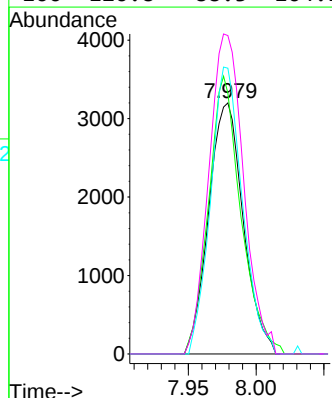
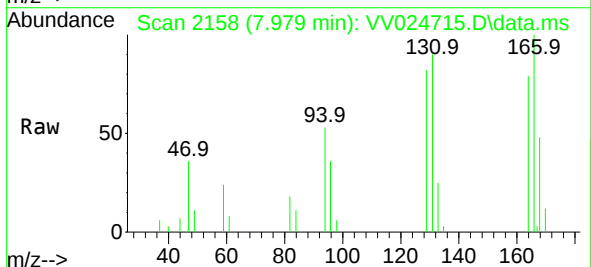
Ion Ratio Lower Upper

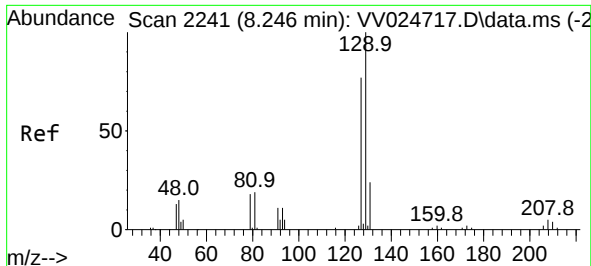
164 100

129 103.9 70.3 130.7

131 113.8 67.7 125.7

166 126.8 88.3 164.1





#49

Dibromochloromethane

Concen: 0.394 ug/L

RT: 8.246 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

Instrument :

MSVOA_V

ClientSampleId :

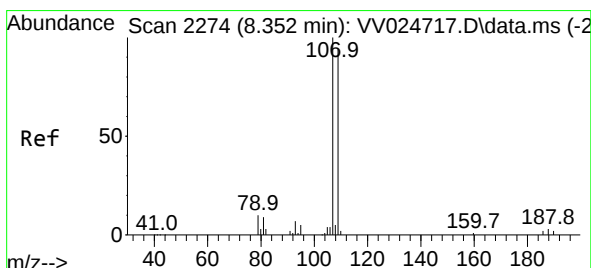
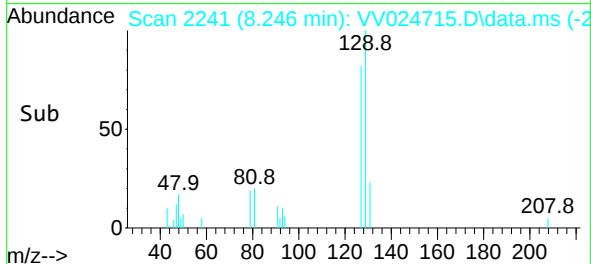
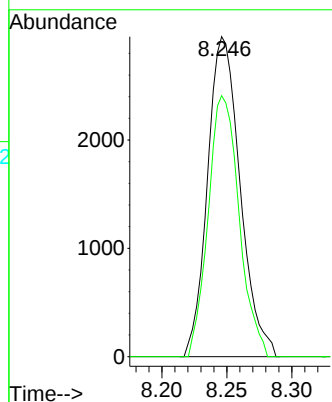
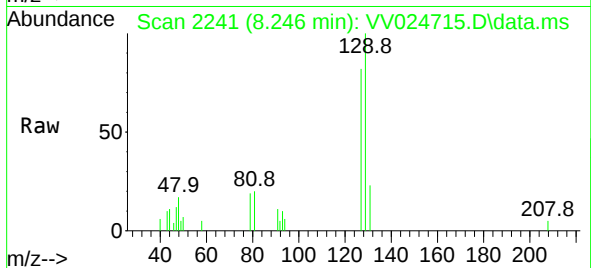
VSTD0.5214

Tgt Ion:129 Resp: 5155

Ion Ratio Lower Upper

129 100

127 81.6 53.6 99.6



#50

1,2-Dibromoethane

Concen: 0.403 ug/L

RT: 8.359 min Scan# 2276

Delta R.T. 0.006 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

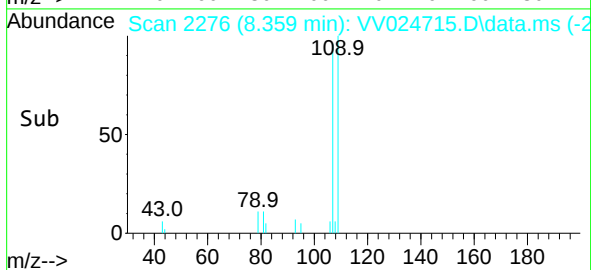
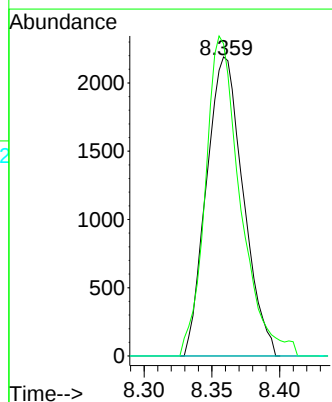
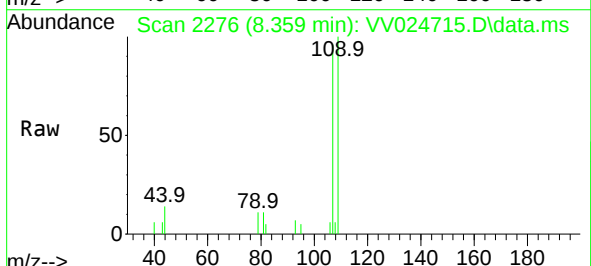
Tgt Ion:107 Resp: 4132

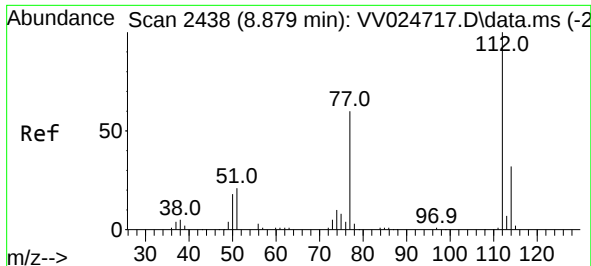
Ion Ratio Lower Upper

107 100

109 104.4 65.6 121.8

188 0.0 2.6 3.8#

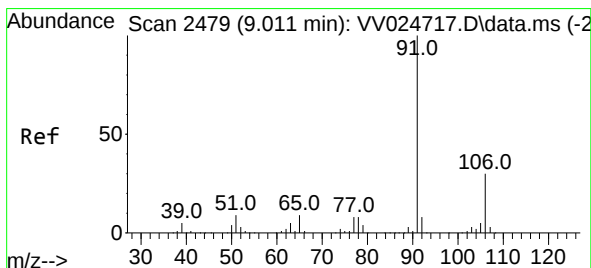
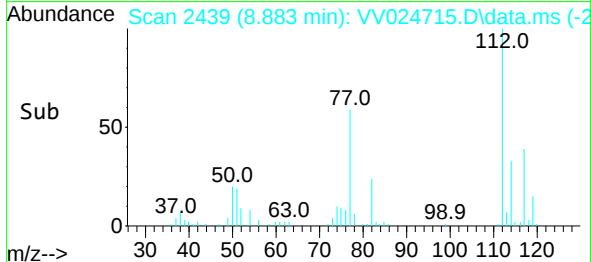
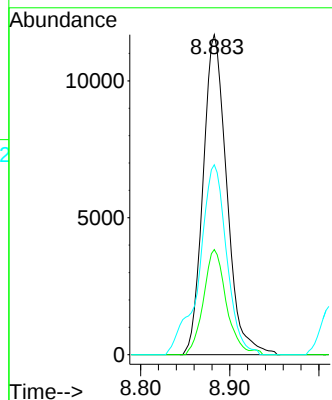
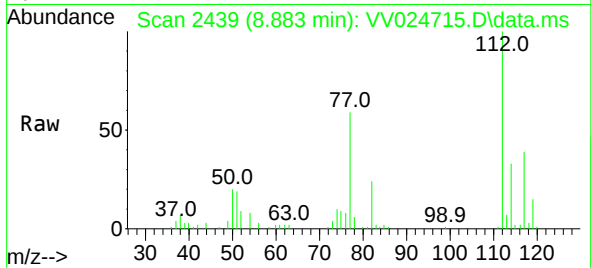




#51
Chlorobenzene
Concen: 0.461 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

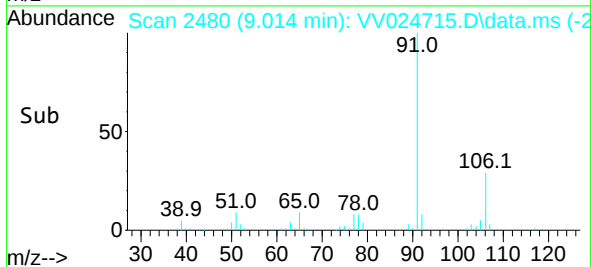
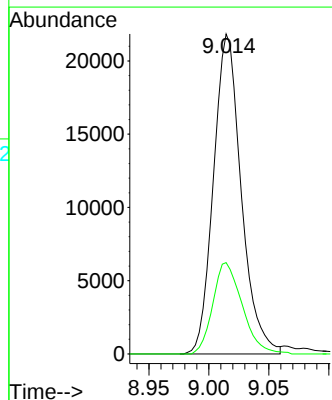
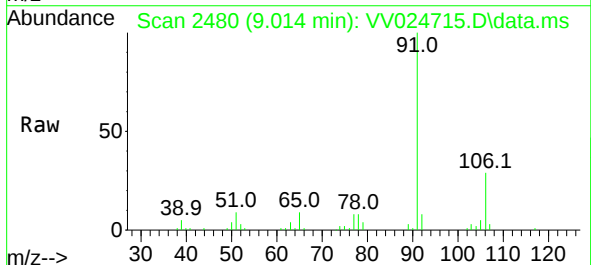
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5214

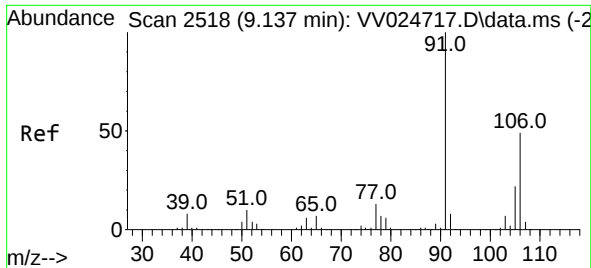
Tgt Ion:112 Resp: 21567
Ion Ratio Lower Upper
112 100
114 32.8 22.3 41.5
77 59.3 48.4 72.6



#52
Ethylbenzene
Concen: 0.415 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

Tgt Ion: 91 Resp: 35088
Ion Ratio Lower Upper
91 100
106 28.6 21.3 39.5

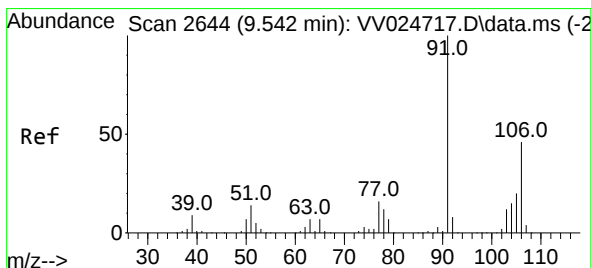
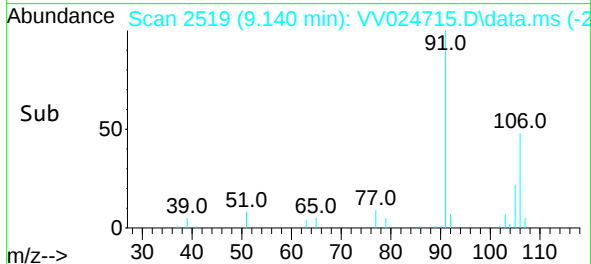
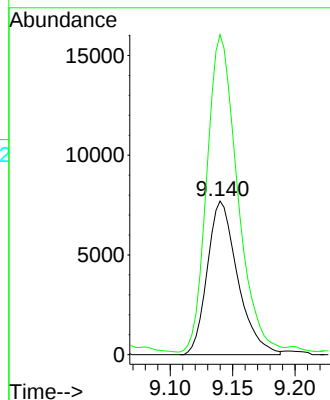
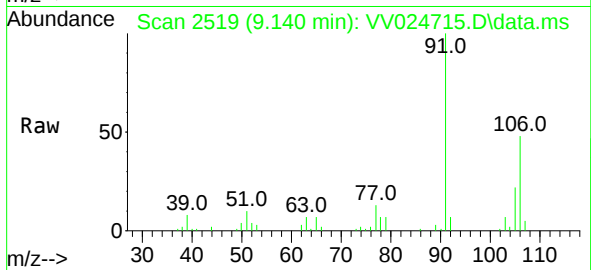




#53
m,p-xylene
Concen: 0.409 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

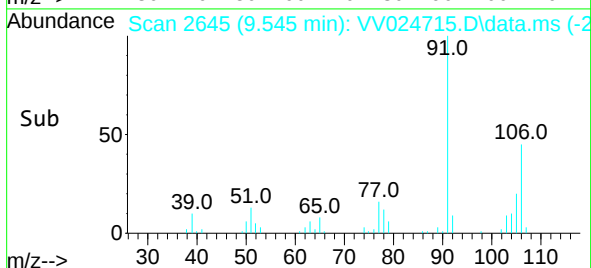
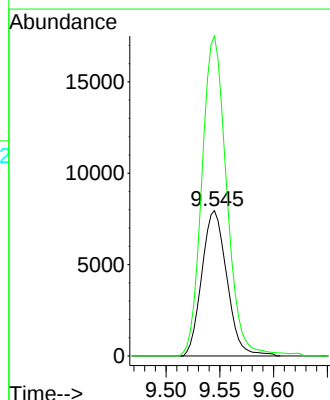
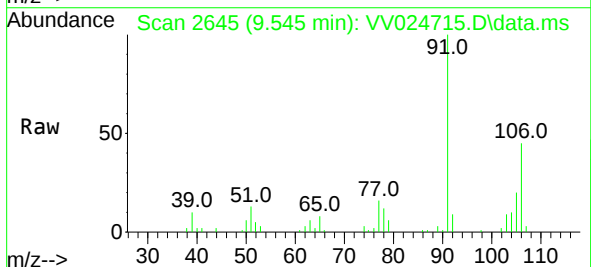
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5214

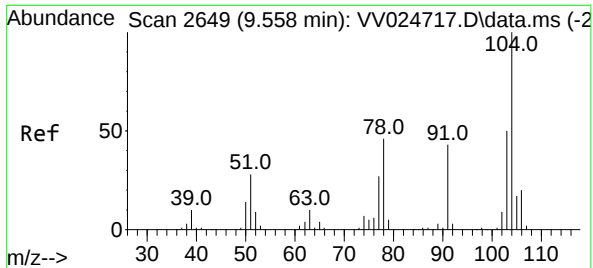
Tgt Ion:106 Resp: 13053
Ion Ratio Lower Upper
106 100
91 208.4 143.6 266.6



#54
o-xylene
Concen: 0.416 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

Tgt Ion:106 Resp: 12887
Ion Ratio Lower Upper
106 100
91 220.4 152.2 282.7

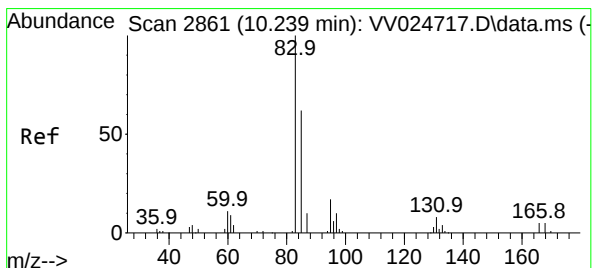
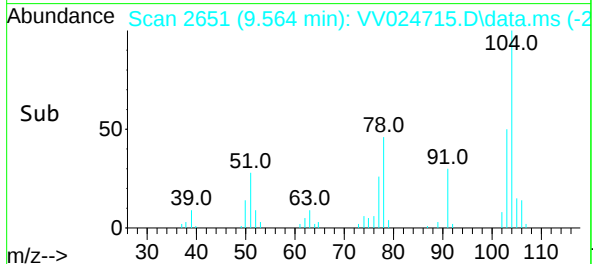
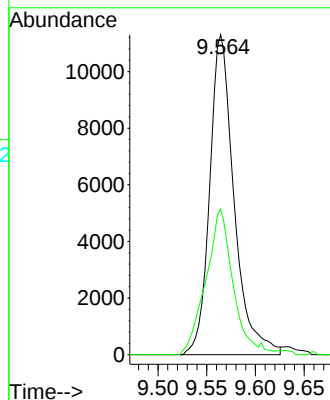
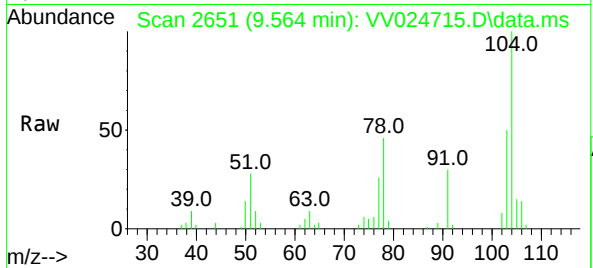




#55
Styrene
Concen: 0.386 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.006 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

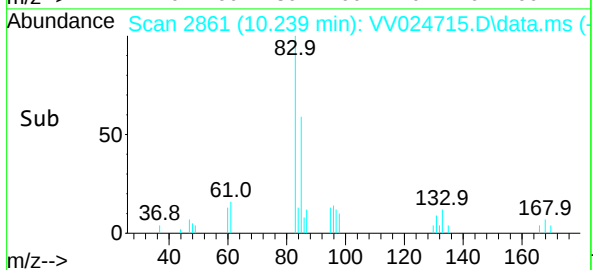
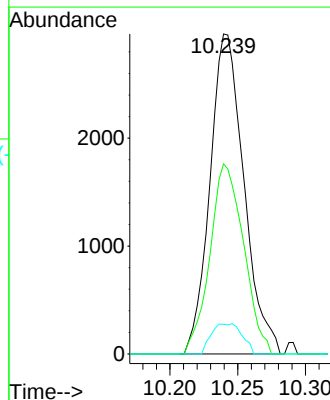
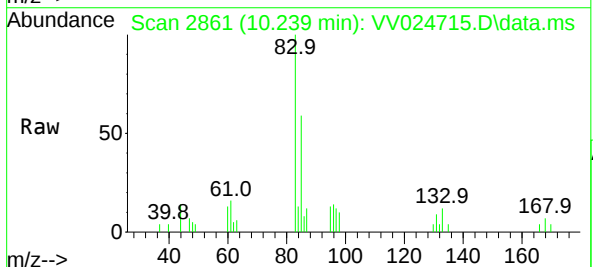
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5214

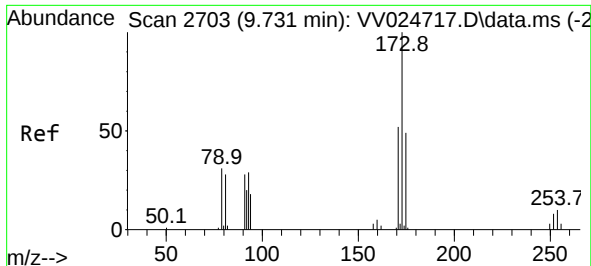
Tgt Ion:104 Resp: 19678
Ion Ratio Lower Upper
104 100
78 45.6 32.0 59.4



#57
1,1,2,2-Tetrachloroethane
Concen: 0.461 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

Tgt Ion: 83 Resp: 5160
Ion Ratio Lower Upper
83 100
85 59.4 43.9 81.5
131 9.2 7.0 10.4

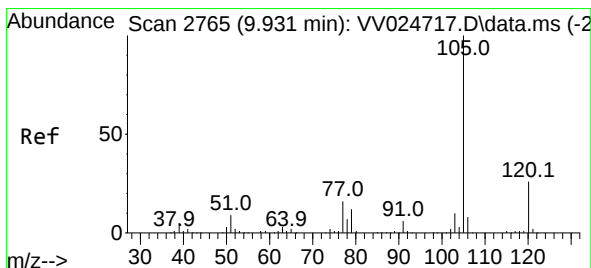
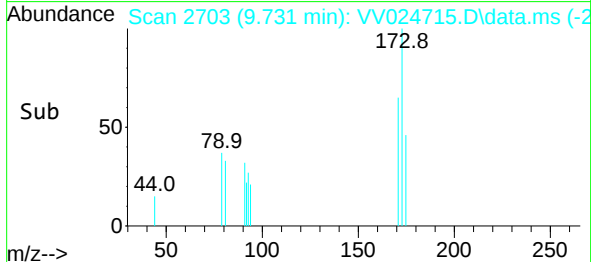
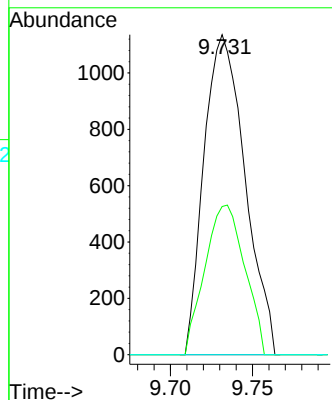
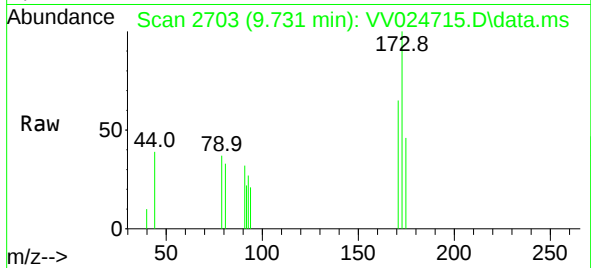




#59
Bromoform
Concen: 0.386 ug/L
RT: 9.731 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

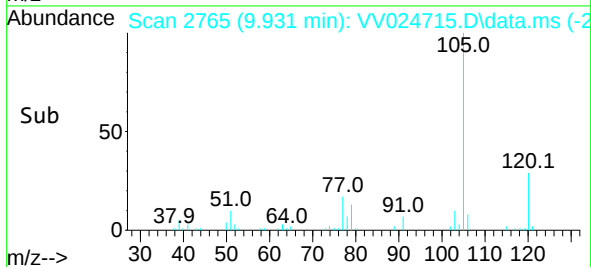
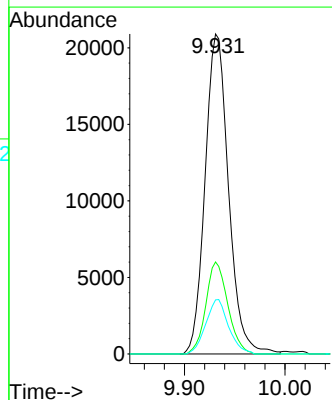
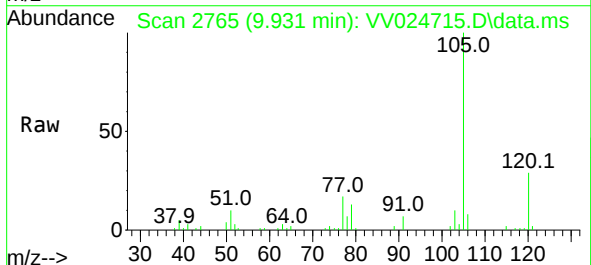
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5214

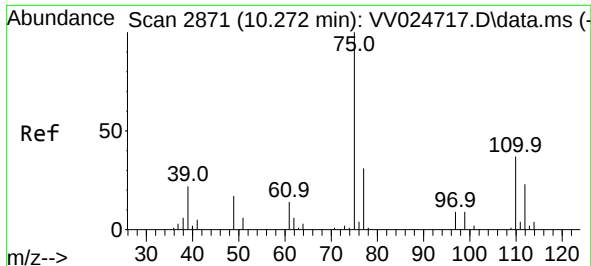
Tgt Ion:173 Resp: 1974
Ion Ratio Lower Upper
173 100
175 45.3 39.4 59.0
254 0.0 7.0 10.4#



#60
Isopropylbenzene
Concen: 0.456 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

Tgt Ion:105 Resp: 33900
Ion Ratio Lower Upper
105 100
120 26.9 20.7 31.1
77 16.5 12.7 19.1





#61

1,2,3-Trichloropropane

Concen: 0.492 ug/L

RT: 10.275 min Scan# 2871

Delta R.T. 0.003 min

Lab File: VV024715.D

Acq: 17 Feb 2022 11:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5214

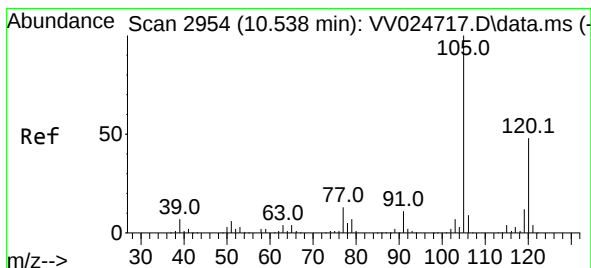
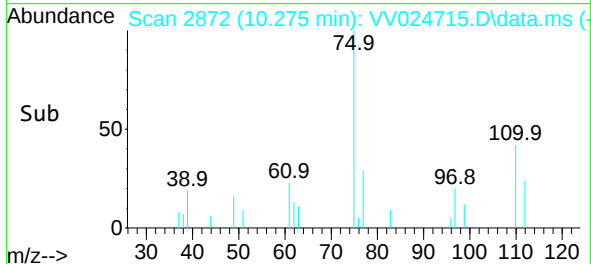
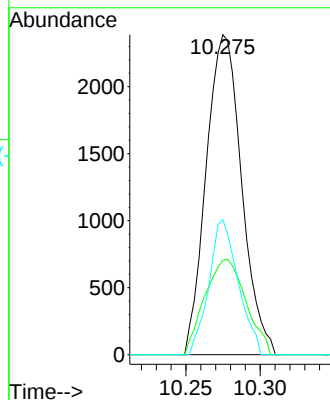
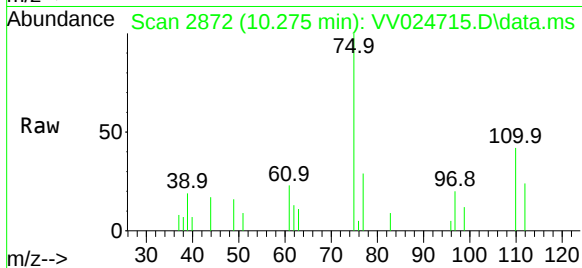
Tgt Ion: 75 Resp: 3961

Ion Ratio Lower Upper

75 100

77 34.5 26.3 39.5

110 34.8 30.3 45.5



#62

1,3,5-Trimethylbenzene

Concen: 0.439 ug/L

RT: 10.539 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024715.D

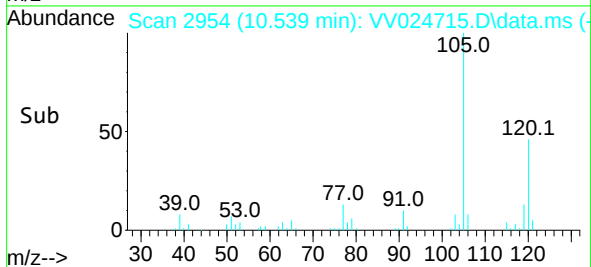
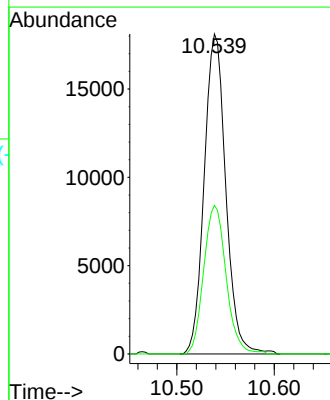
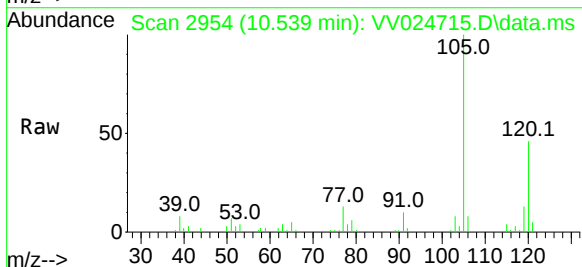
Acq: 17 Feb 2022 11:56

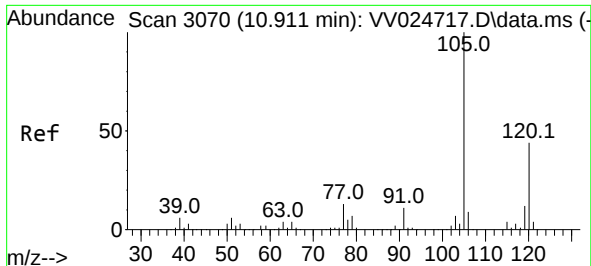
Tgt Ion: 105 Resp: 27866

Ion Ratio Lower Upper

105 100

120 48.2 38.6 57.8

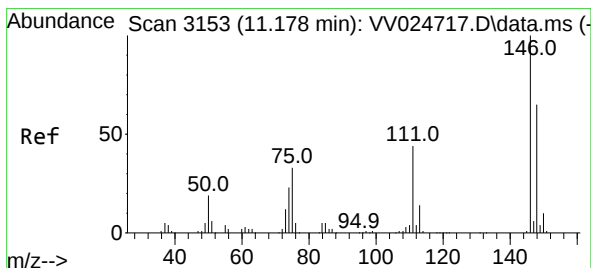
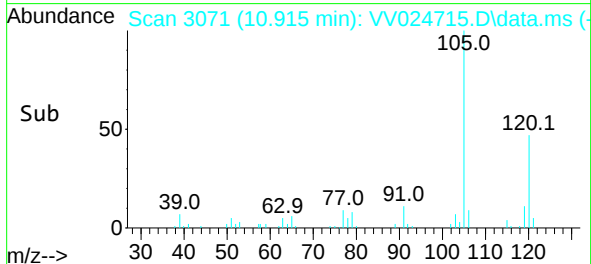
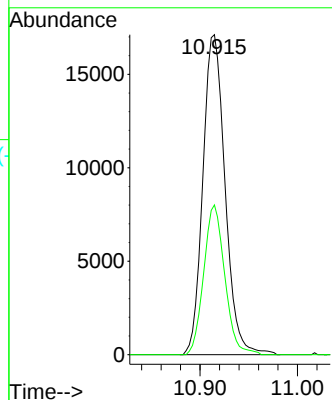
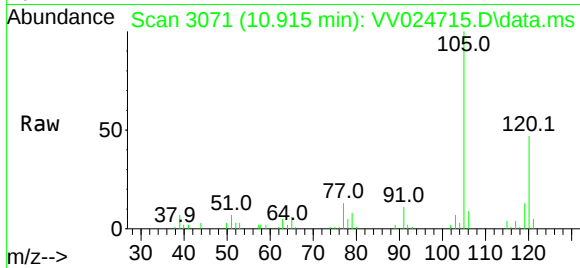




#63
 1,2,4-Trimethylbenzene
 Concen: 0.429 ug/L
 RT: 10.915 min Scan# 3070
 Delta R.T. 0.003 min
 Lab File: VV024715.D
 Acq: 17 Feb 2022 11:56

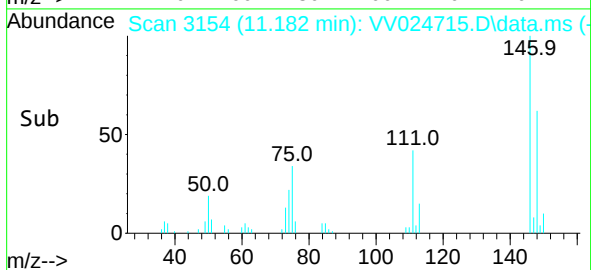
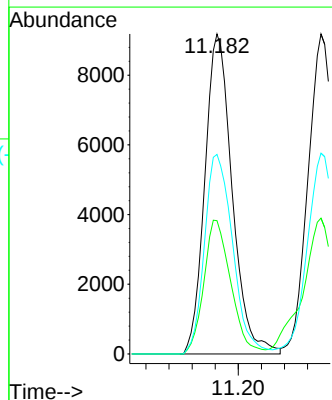
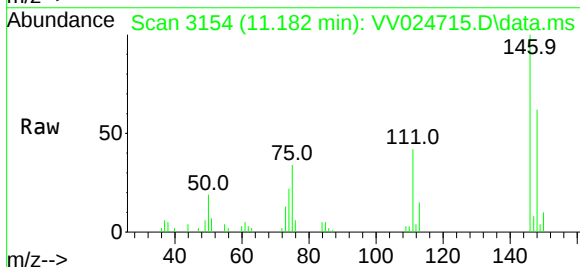
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5214

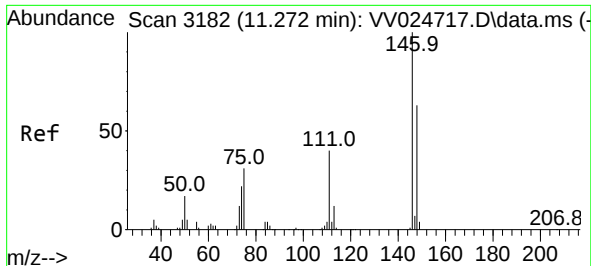
Tgt Ion:105 Resp: 27102
 Ion Ratio Lower Upper
 105 100
 120 44.3 35.9 53.9



#64
 1,3-Dichlorobenzene
 Concen: 0.497 ug/L
 RT: 11.182 min Scan# 3154
 Delta R.T. 0.003 min
 Lab File: VV024715.D
 Acq: 17 Feb 2022 11:56

Tgt Ion:146 Resp: 15088
 Ion Ratio Lower Upper
 146 100
 111 41.6 31.0 57.6
 148 62.3 45.4 84.4

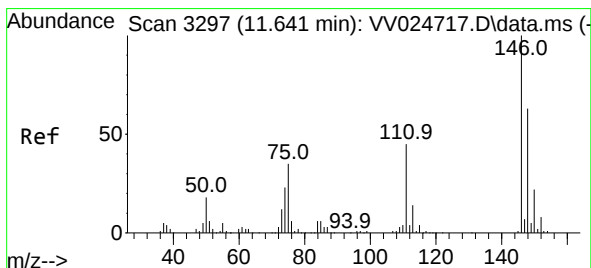
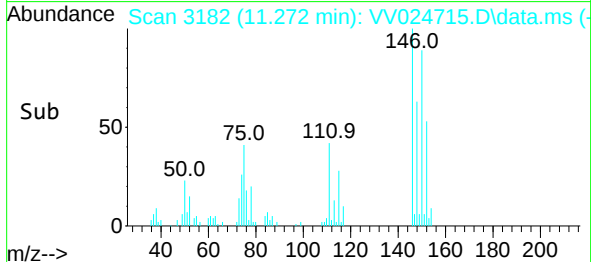
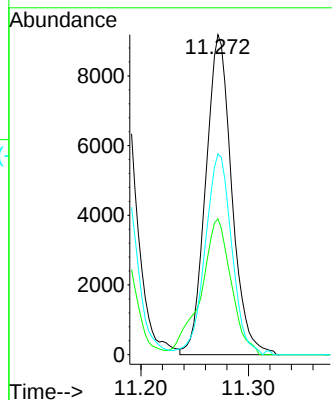
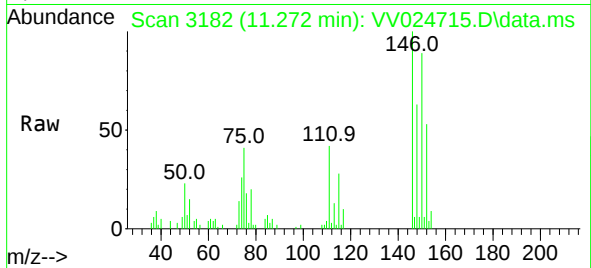




#65
1,4-Dichlorobenzene
Concen: 0.512 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

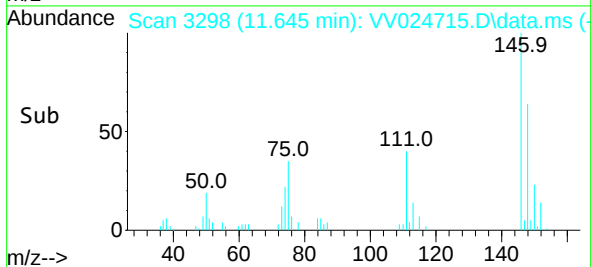
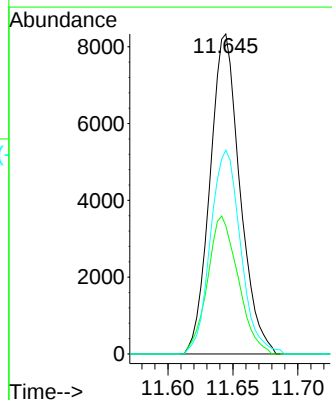
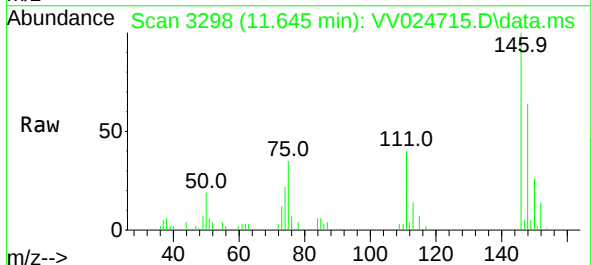
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5214

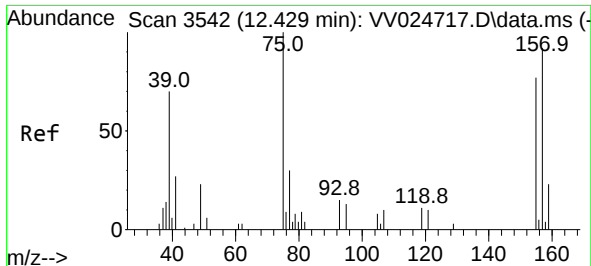
Tgt Ion:146 Resp: 15423
Ion Ratio Lower Upper
146 100
111 42.5 28.3 52.7
148 62.7 44.0 81.8



#67
1,2-Dichlorobenzene
Concen: 0.496 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

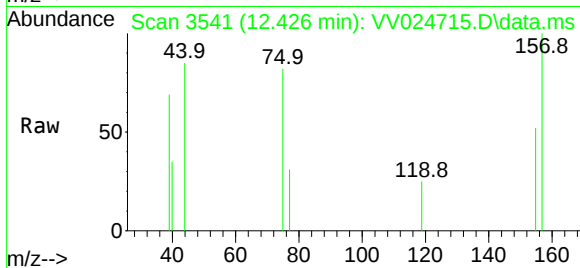
Tgt Ion:146 Resp: 13350
Ion Ratio Lower Upper
146 100
111 40.1 36.0 54.0
148 63.7 50.4 75.6



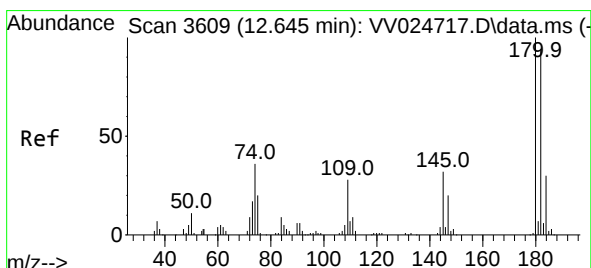
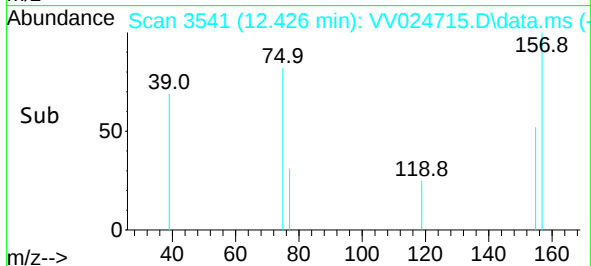
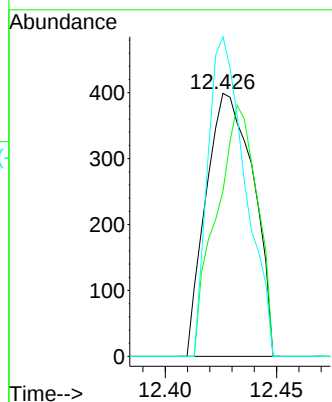


#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.378 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.003 min
 Lab File: VV024715.D
 Acq: 17 Feb 2022 11:56

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5214

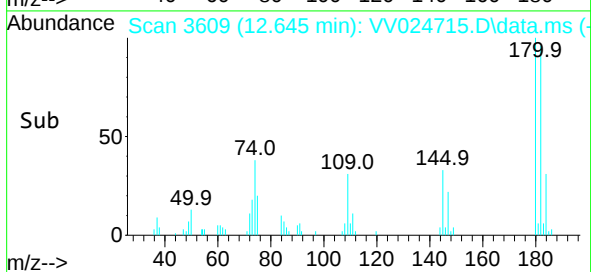
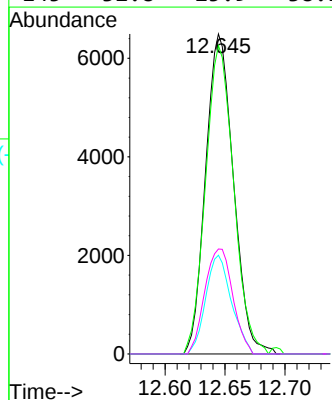
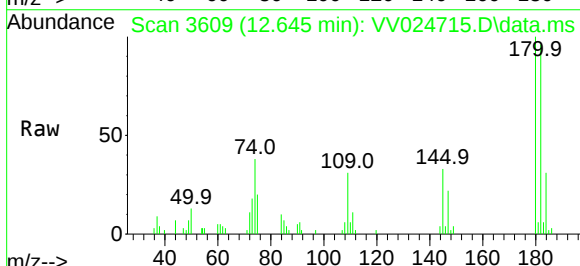


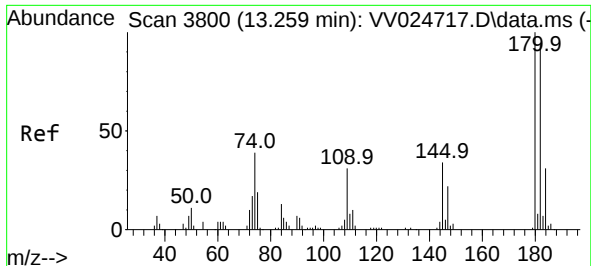
Tgt Ion: 75 Resp: 589
 Ion Ratio Lower Upper
 75 100
 155 62.7 61.7 92.5
 157 121.6 73.5 110.3#



#69
 1,3,5-Trichlorobenzene
 Concen: 0.486 ug/L
 RT: 12.645 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV024715.D
 Acq: 17 Feb 2022 11:56

Tgt Ion: 180 Resp: 10487
 Ion Ratio Lower Upper
 180 100
 182 97.1 74.6 111.8
 184 28.5 23.8 35.8
 145 32.8 25.9 38.9

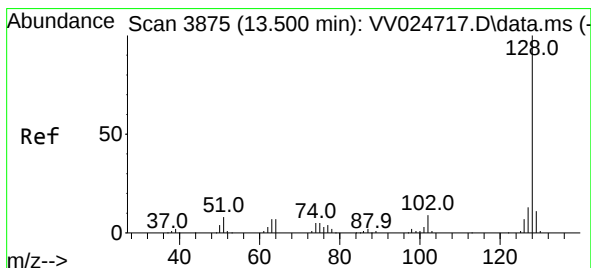
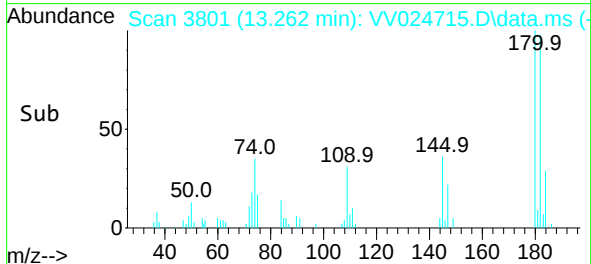
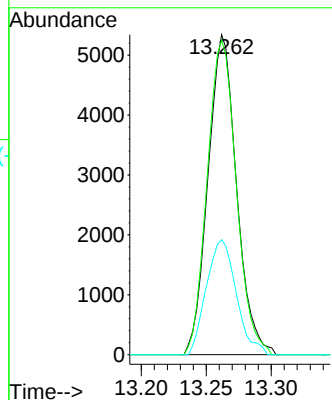
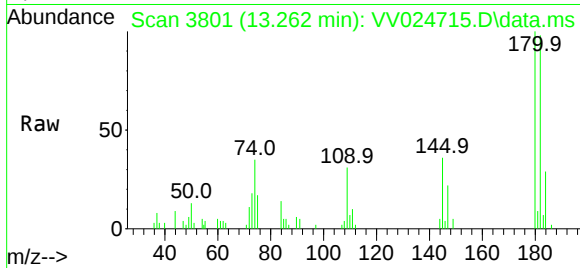




#70
1,2,4-trichlorobenzene
Concen: 0.473 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

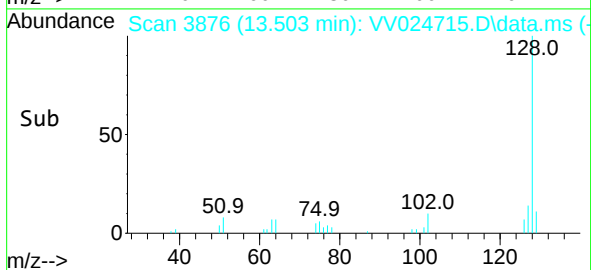
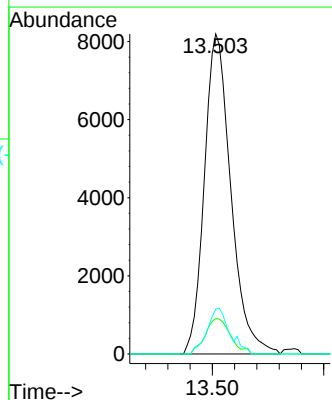
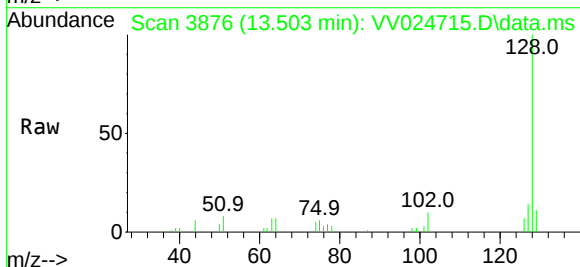
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5214

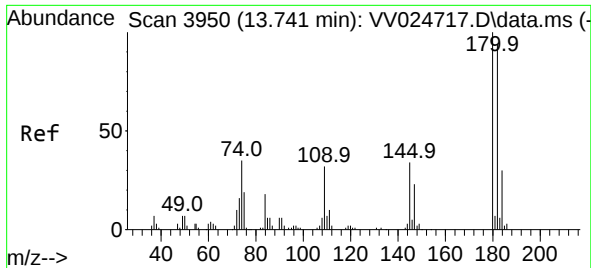
Tgt Ion:180 Resp: 8157
Ion Ratio Lower Upper
180 100
182 100.1 75.0 112.6
145 37.7 26.9 40.3



#71
Naphthalene
Concen: 0.438 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV024715.D
Acq: 17 Feb 2022 11:56

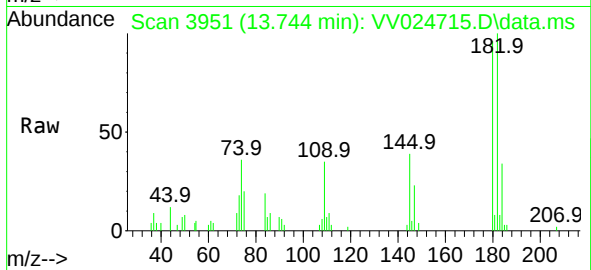
Tgt Ion:128 Resp: 13539
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 12.1 10.2 15.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.467 ug/L
 RT: 13.744 min Scan# 3950
 Delta R.T. 0.003 min
 Lab File: VV024715.D
 Acq: 17 Feb 2022 11:56

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5214



Tgt Ion:	180	Resp:	6777
Ion	Ratio	Lower	Upper
180	100		
182	97.6	75.6	113.4
145	36.5	28.5	42.7

