

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041922\
 Data File : VW025635.D
 Acq On : 19 Apr 2022 17:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005385

Quant Time: Apr 20 02:53:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 20 02:46:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	108568	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	108293	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56727	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44588	4.417	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.400%	
7) Chloroethane-d5	1.568	69	43341	4.036	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.800%	
11) 1,1-Dichloroethene-d2	2.111	63	89594	4.431	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.600%	
20) 2-Butanone-d5	3.905	46	71531	58.260	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.520%	
24) Chloroform-d	4.349	84	78286	5.133	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
26) 1,2-Dichloroethane-d4	5.037	65	37927	5.771	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.400%	
32) Benzene-d6	5.053	84	146337	4.670	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
36) 1,2-Dichloropropane-d6	6.072	67	44667	5.112	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.200%	
41) Toluene-d8	7.317	98	132081	4.542	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
43) trans-1,3-Dichloroprop...	7.625	79	14127	4.810	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.200%	
46) 2-Hexanone-d5	8.088	63	52943	51.359	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.720%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	28462	5.155	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	42484	4.467	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	33839	3.450	ug/L	97
3) Chloromethane	1.243	50	60343	5.662	ug/L	96
5) Vinyl chloride	1.310	62	55122	4.577	ug/L	100
6) Bromomethane	1.523	94	37509	4.320	ug/L	99
8) Chloroethane	1.587	64	41307	4.444	ug/L	99
9) Trichlorofluoromethane	1.754	101	69808	4.127	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	37024	3.896	ug/L	97
12) 1,1-Dichloroethene	2.121	96	39701	4.216	ug/L	88
13) Acetone	2.188	43	56979	68.373	ug/L	94
14) Carbon disulfide	2.294	76	80683	3.579	ug/L	98
15) Methyl Acetate	2.442	43	13492	7.285	ug/L #	88
16) Methylene chloride	2.510	84	44854	4.913	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	84413	5.793	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	33037	4.187	ug/L	99
19) 1,1-Dichloroethane	3.191	63	73783	5.521	ug/L	96
21) 2-Butanone	3.985	43	78878	68.499	ug/L	96
22) cis-1,2-Dichloroethene	3.918	96	40097	4.827	ug/L	100
23) Bromochloromethane	4.256	128	18100	5.248	ug/L	96
25) Chloroform	4.378	83	78716	5.580	ug/L	98

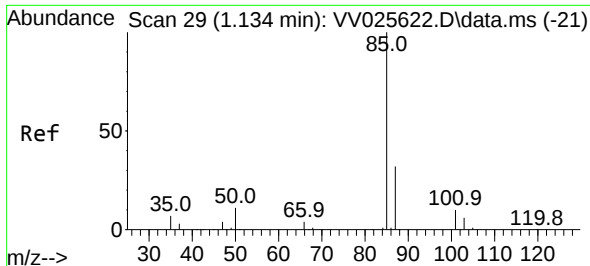
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041922\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	43082	5.788	ug/L	95
29) 1,1,1-Trichloroethane	4.609	97	57032	4.465	ug/L	97
30) Cyclohexane	4.680	56	37681	3.245	ug/L	97
31) Carbon tetrachloride	4.828	117	43806	4.055	ug/L	99
33) Benzene	5.101	78	148463	4.641	ug/L	100
34) Trichloroethene	5.915	95	34743	4.090	ug/L	99
35) Methylcyclohexane	6.130	83	42238	3.117	ug/L	95
37) 1,2-Dichloropropane	6.175	63	39145	5.289	ug/L	99
38) Bromodichloromethane	6.510	83	49935	5.435	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	44567	4.595	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	202866	68.462	ug/L	95
42) Toluene	7.387	91	145835	4.191	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	39173	5.199	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	28527	5.756	ug/L	98
47) Tetrachloroethene	7.976	164	23950	3.602	ug/L	96
48) 2-Hexanone	8.140	43	145108	70.269	ug/L	95
49) Dibromochloromethane	8.246	129	30135	5.539	ug/L	97
50) 1,2-Dibromoethane	8.352	107	25032	5.377	ug/L	100
51) Chlorobenzene	8.882	112	91082	4.099	ug/L	96
52) Ethylbenzene	9.011	91	137035	3.692	ug/L	99
53) m,p-Xylene	9.140	106	53216	3.771	ug/L	98
54) o-Xylene	9.542	106	52081	3.800	ug/L	97
55) Styrene	9.561	104	90766	4.073	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	27939	5.642	ug/L	99
59) Bromoform	9.731	173	13229	5.650	ug/L	95
60) Isopropylbenzene	9.931	105	130929	3.729	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	23157	6.198	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	55283	3.531	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	100861	3.575	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	65946	4.023	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	65645	3.945	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	61668	4.248	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	3808	5.895	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	46520	3.730	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	34885	3.629	ug/L	99
71) Naphthalene	13.500	128	56535	4.009	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	30472	3.828	ug/L	98

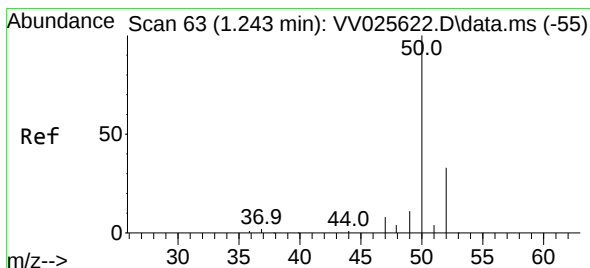
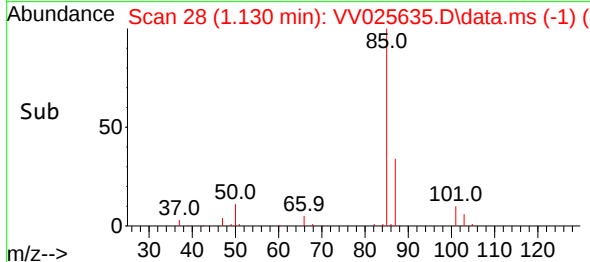
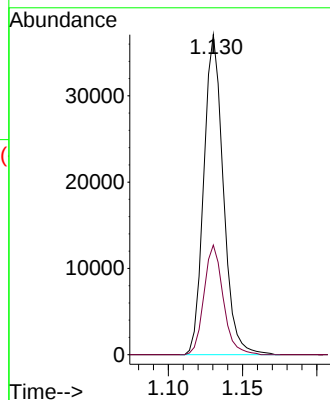
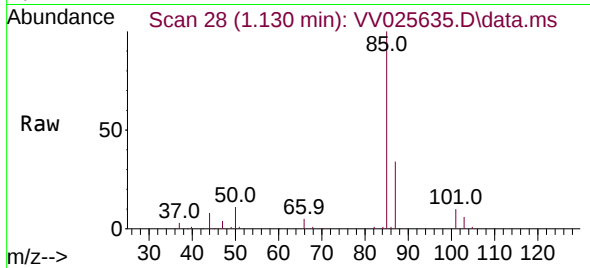
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#2
 Dichlorodifluoromethane
 Concen: 3.450 ug/L
 RT: 1.130 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VV025635.D
 Acq: 19 Apr 2022 17:34

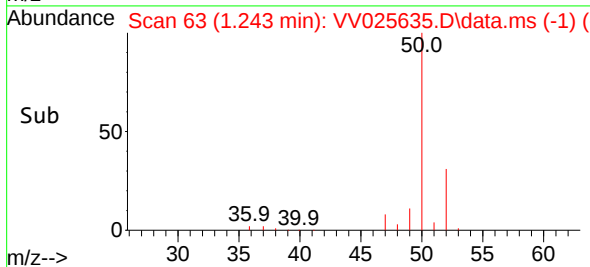
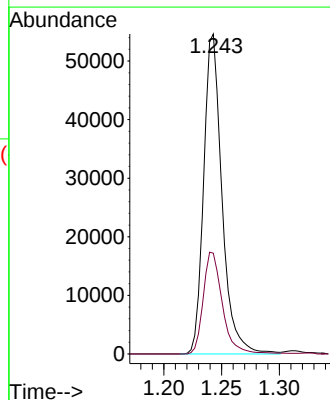
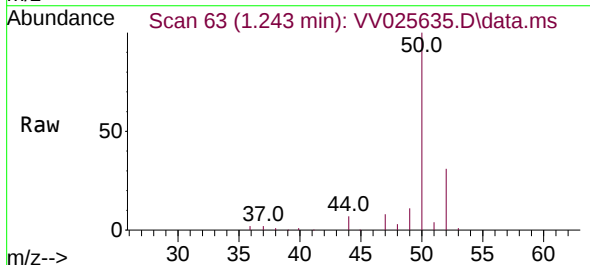
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005385

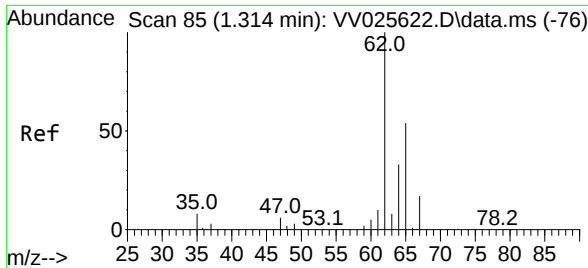
Tgt Ion: 85 Resp: 33839
 Ion Ratio Lower Upper
 85 100
 87 33.7 25.6 38.4



#3
 Chloromethane
 Concen: 5.662 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025635.D
 Acq: 19 Apr 2022 17:34

Tgt Ion: 50 Resp: 60343
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.7 43.9

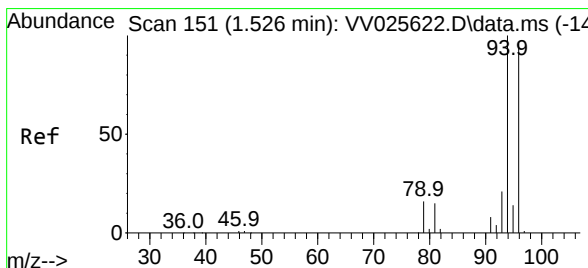
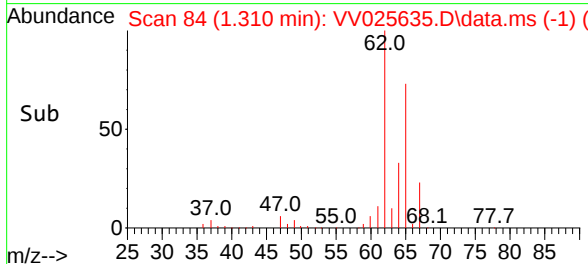
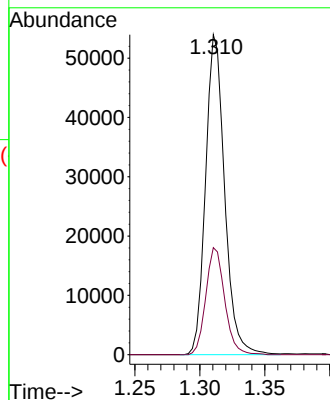
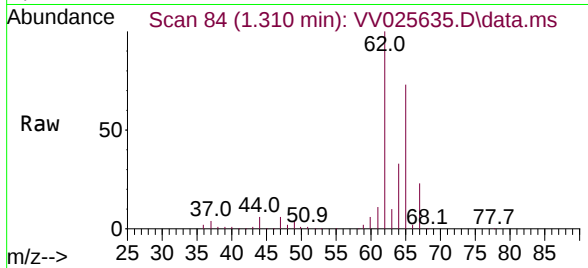




#5
 Vinyl chloride
 Concen: 4.577 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV025635.D
 Acq: 19 Apr 2022 17:34

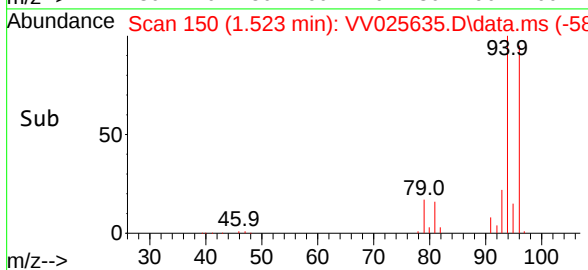
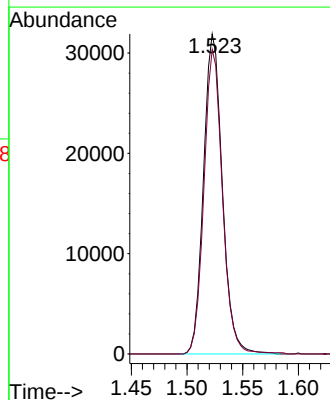
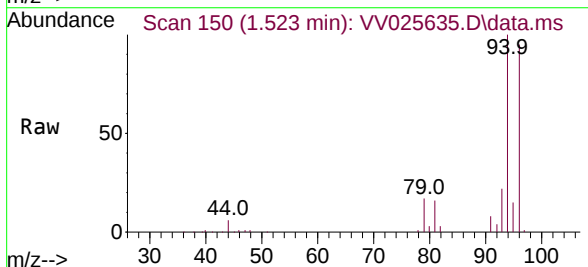
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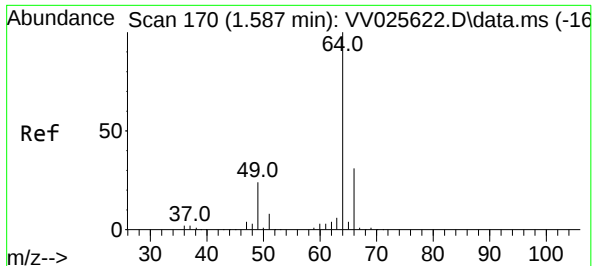
Tgt Ion: 62 Resp: 55122
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.2 43.2



#6
 Bromomethane
 Concen: 4.320 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV025635.D
 Acq: 19 Apr 2022 17:34

Tgt Ion: 94 Resp: 37509
 Ion Ratio Lower Upper
 94 100
 96 95.1 66.1 122.7

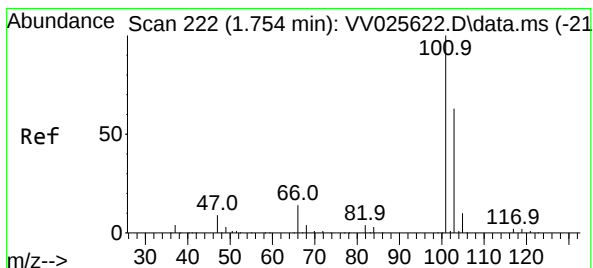
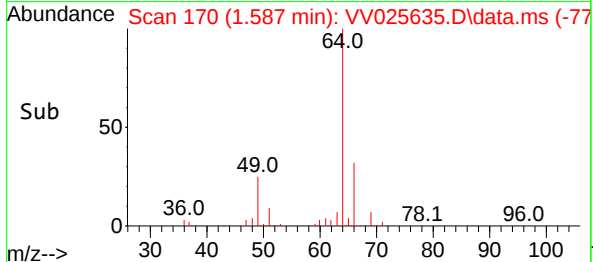
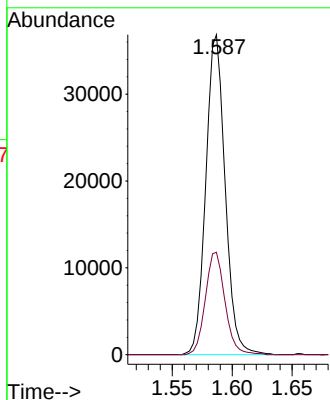
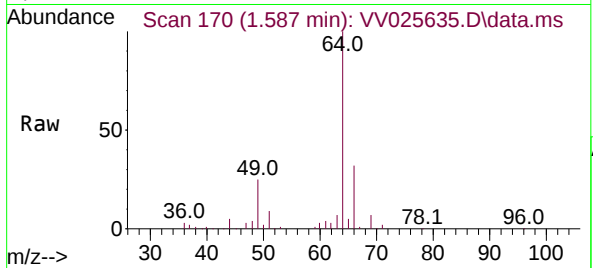




#8
Chloroethane
Concen: 4.444 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

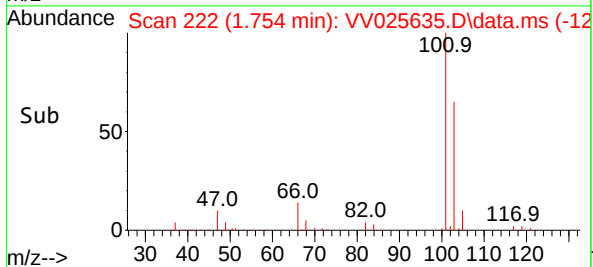
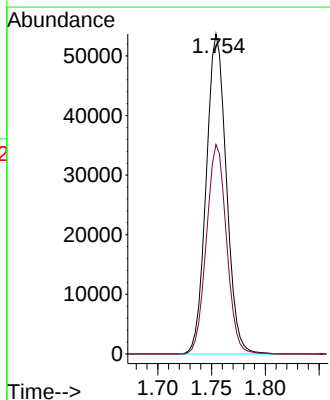
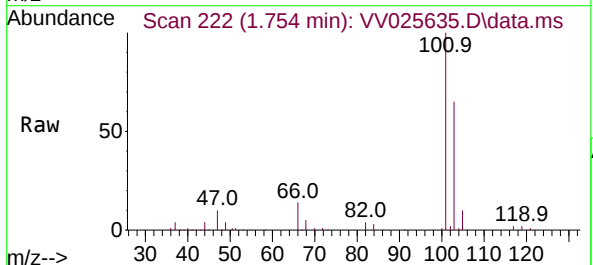
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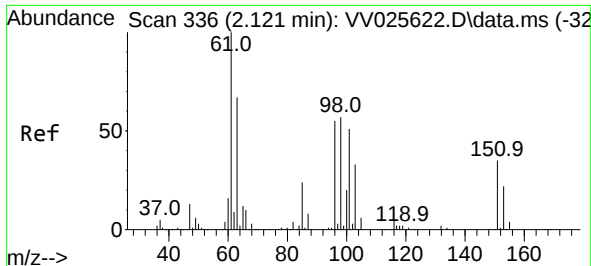
Tgt Ion: 64 Resp: 41307
Ion Ratio Lower Upper
64 100
66 32.0 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.127 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

Tgt Ion:101 Resp: 69808
Ion Ratio Lower Upper
101 100
103 65.4 51.9 77.9

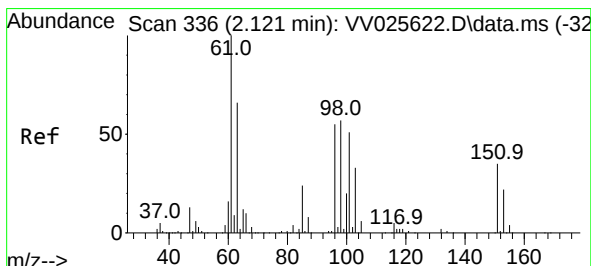
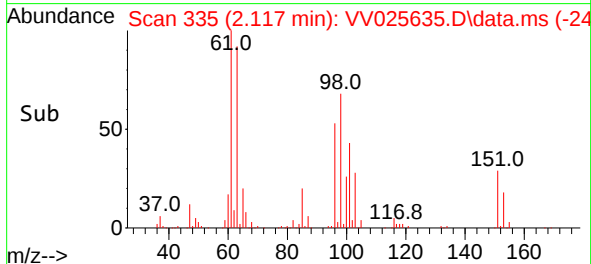
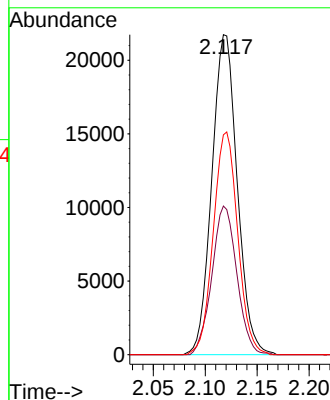
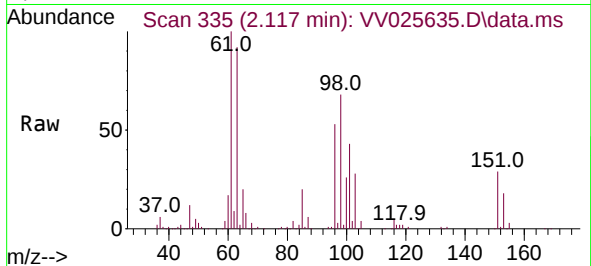




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.896 ug/L
 RT: 2.117 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV025635.D
 Acq: 19 Apr 2022 17:34

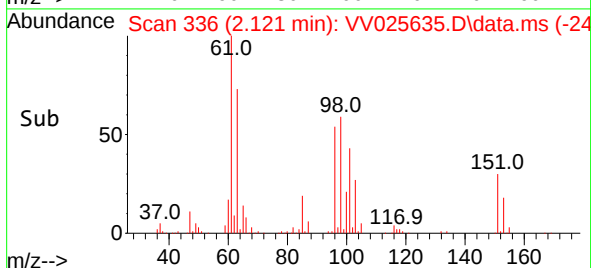
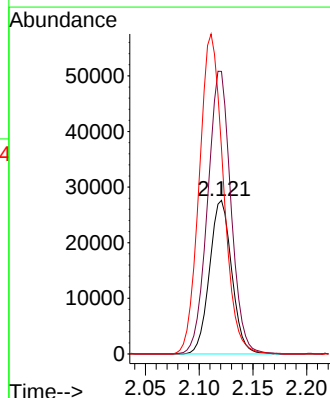
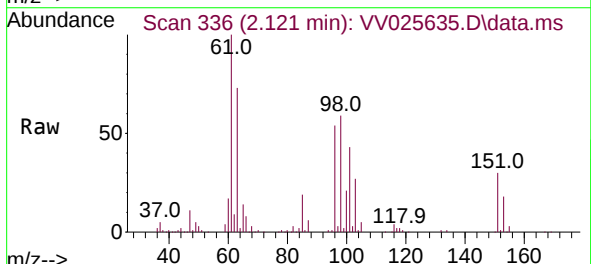
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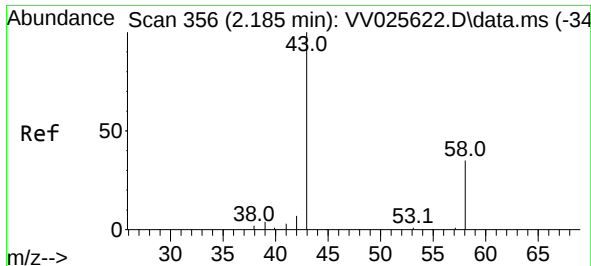
Tgt Ion:101 Resp: 37024
 Ion Ratio Lower Upper
 101 100
 85 45.5 35.9 53.9
 151 67.0 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.216 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025635.D
 Acq: 19 Apr 2022 17:34

Tgt Ion: 96 Resp: 39701
 Ion Ratio Lower Upper
 96 100
 61 184.0 125.2 232.4
 63 134.0 114.4 212.4





#13

Acetone

Concen: 68.373 ug/L

RT: 2.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

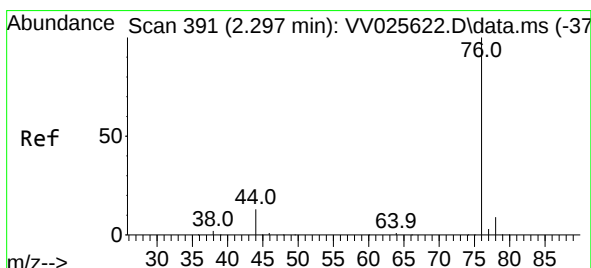
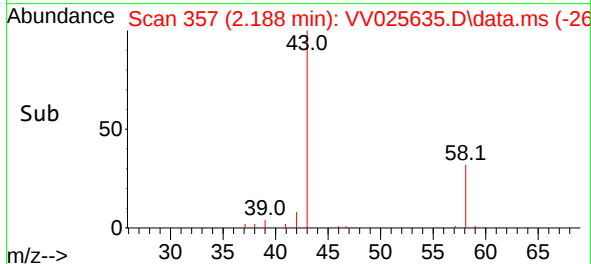
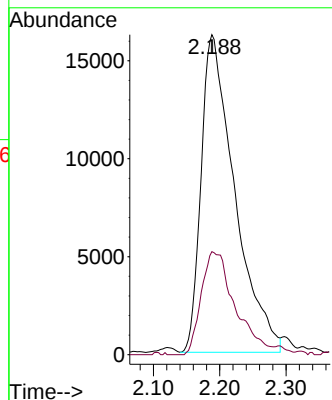
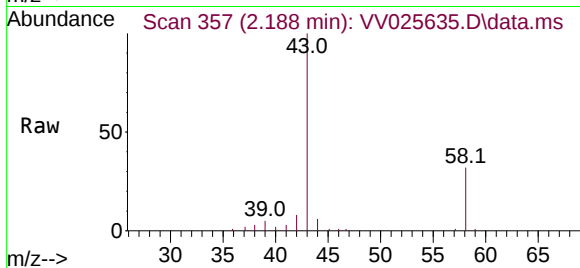
VSTD005385

Tgt Ion: 43 Resp: 56979

Ion Ratio Lower Upper

43 100

58 32.7 0.0 72.2



#14

Carbon disulfide

Concen: 3.579 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV025635.D

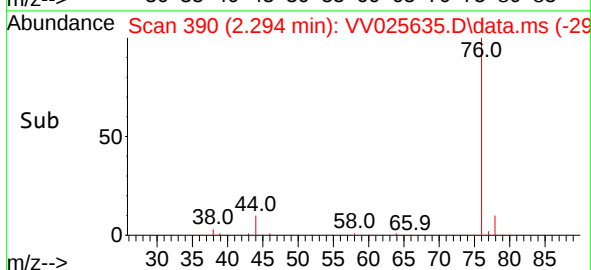
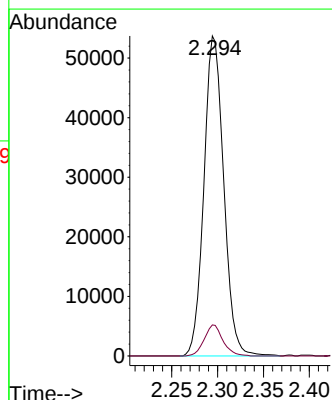
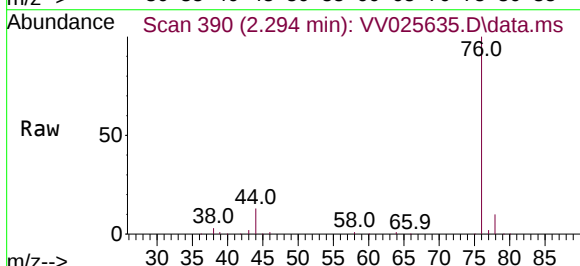
Acq: 19 Apr 2022 17:34

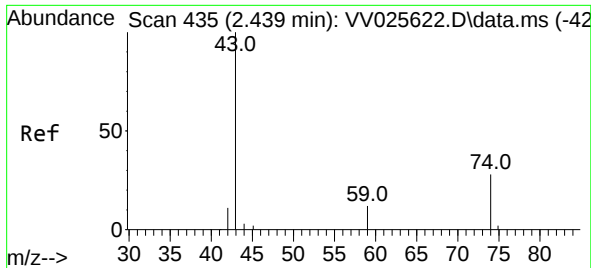
Tgt Ion: 76 Resp: 80683

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9





#15

Methyl Acetate

Concen: 7.285 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

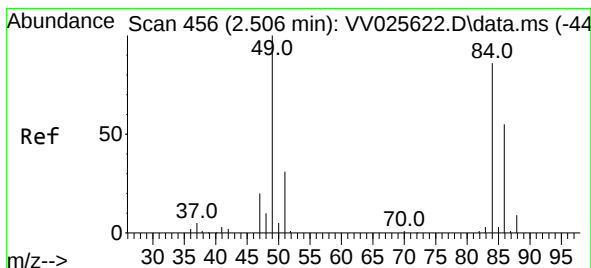
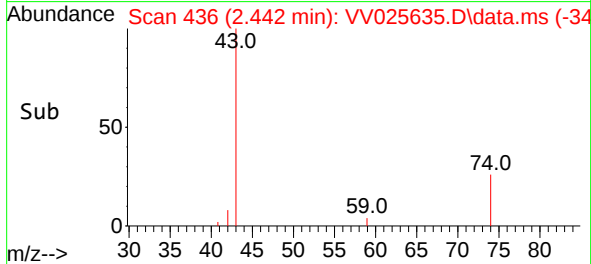
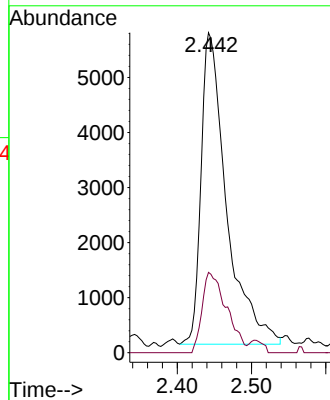
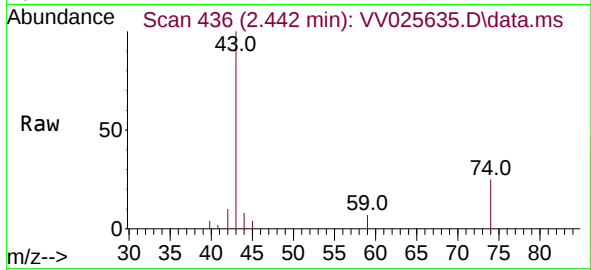
VSTD005385

Tgt Ion: 43 Resp: 13492

Ion Ratio Lower Upper

43 100

74 24.7 25.2 37.8#



#16

Methylene chloride

Concen: 4.913 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

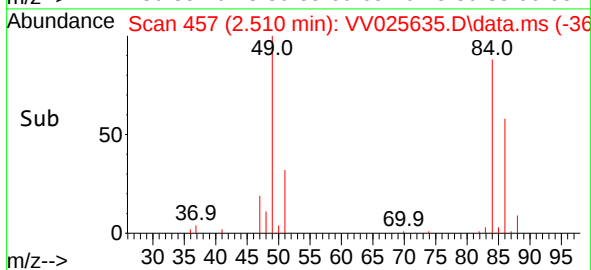
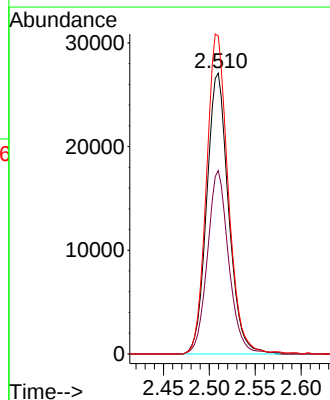
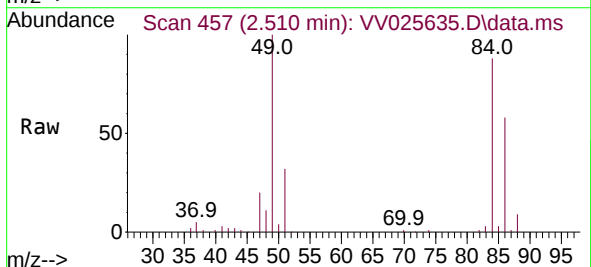
Tgt Ion: 84 Resp: 44854

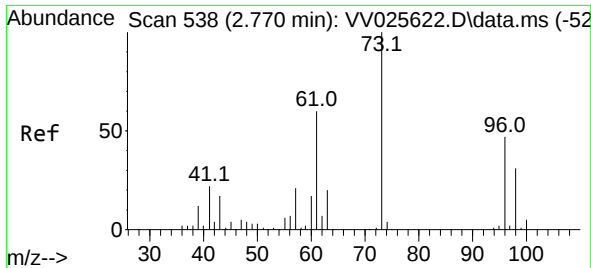
Ion Ratio Lower Upper

84 100

86 65.3 45.9 85.3

49 113.2 76.6 142.3

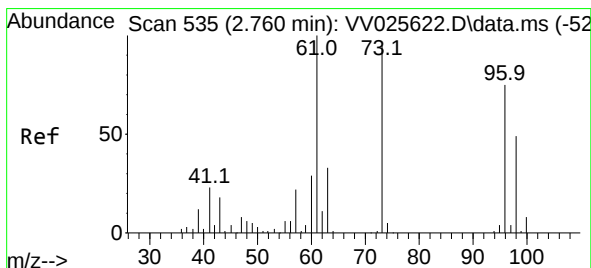
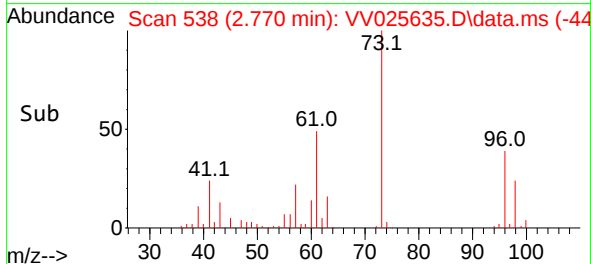
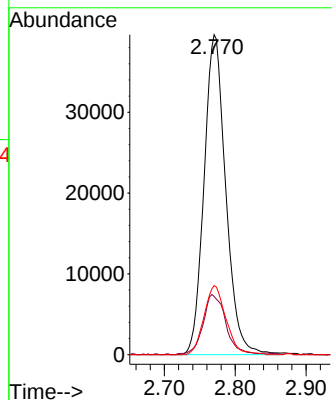
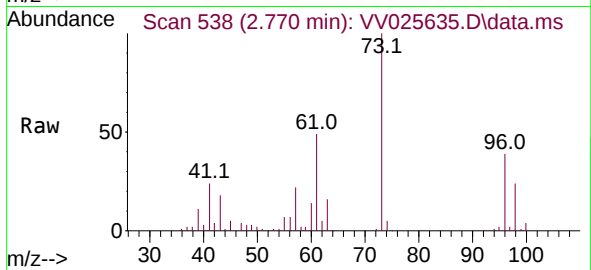




#17
Methyl tert-butyl Ether
Concen: 5.793 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

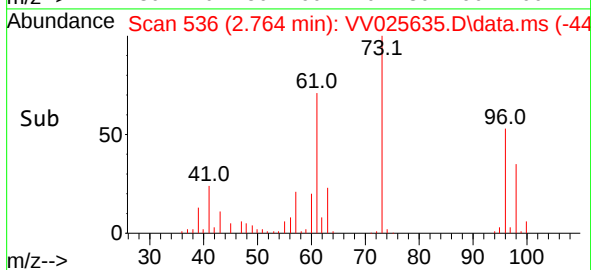
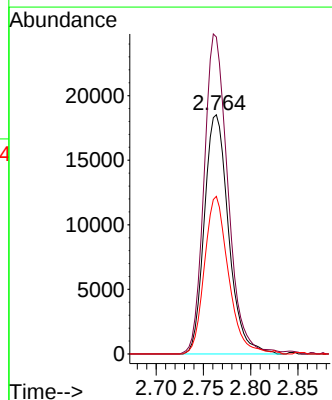
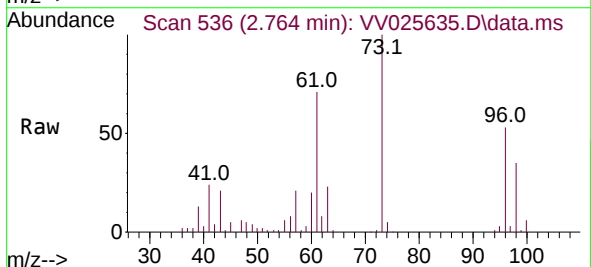
Instrument :
MSVOA_V
ClientSampleId :
VSTD005385

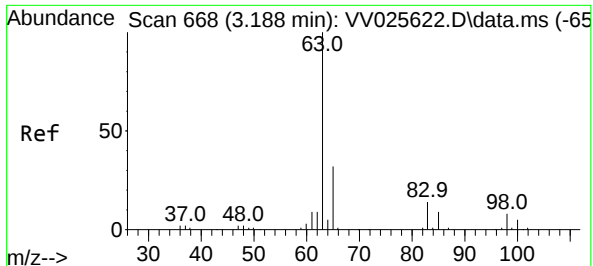
Tgt Ion: 73 Resp: 84413
Ion Ratio Lower Upper
73 100
43 19.6 14.2 21.4
57 21.9 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 4.187 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

Tgt Ion: 96 Resp: 33037
Ion Ratio Lower Upper
96 100
61 132.5 92.1 171.1
98 65.9 47.5 88.1





#19

1,1-Dichloroethane

Concen: 5.521 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005385

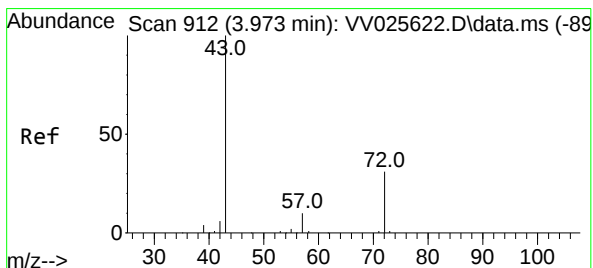
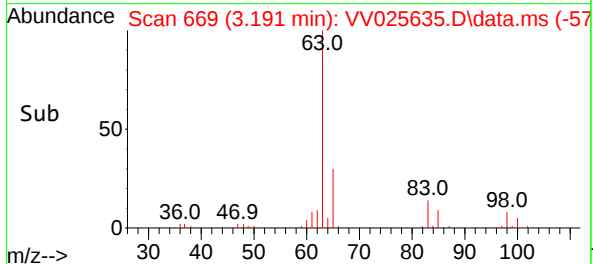
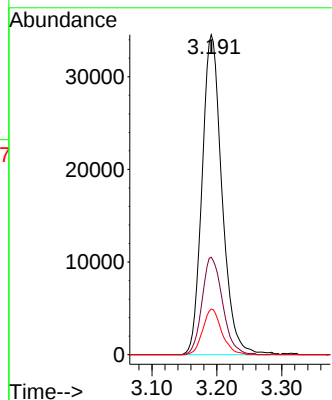
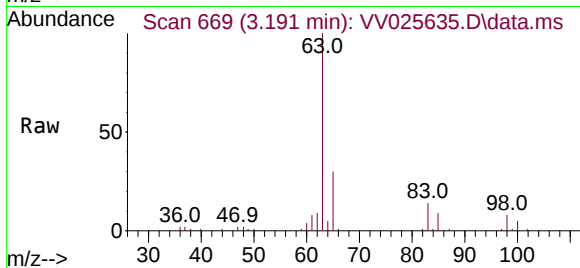
Tgt Ion: 63 Resp: 73783

Ion Ratio Lower Upper

63 100

65 30.4 23.2 43.0

83 14.3 9.0 16.8



#21

2-Butanone

Concen: 68.499 ug/L

RT: 3.985 min Scan# 916

Delta R.T. 0.013 min

Lab File: VV025635.D

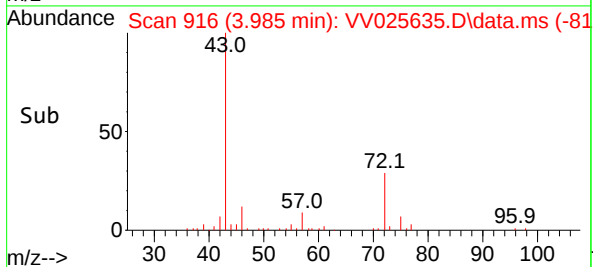
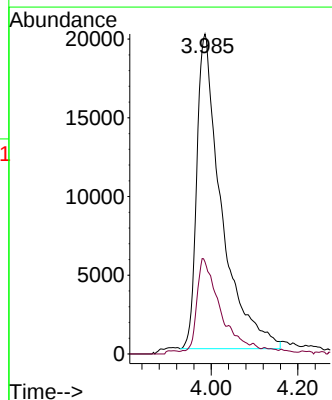
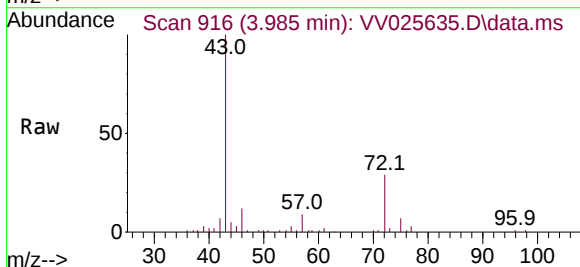
Acq: 19 Apr 2022 17:34

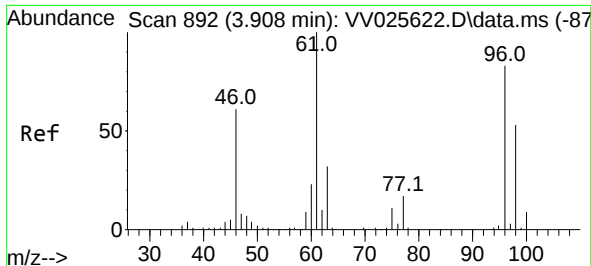
Tgt Ion: 43 Resp: 78878

Ion Ratio Lower Upper

43 100

72 28.2 15.2 45.6





#22

cis-1,2-Dichloroethene

Concen: 4.827 ug/L

RT: 3.918 min Scan# 89

Delta R.T. 0.010 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005385

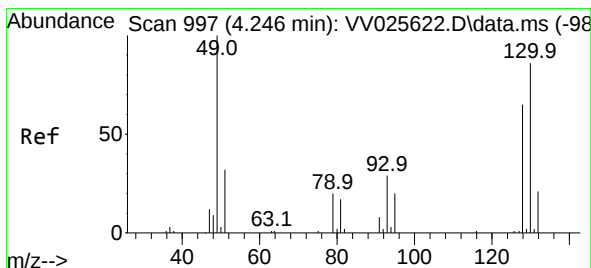
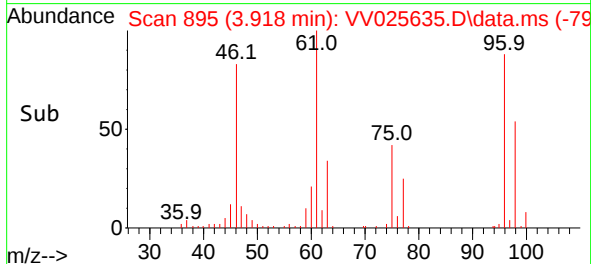
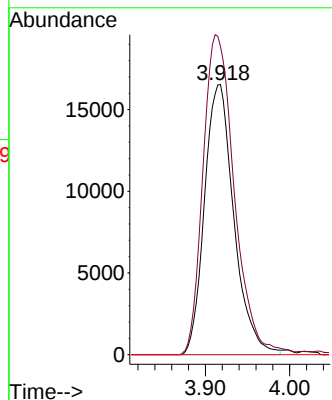
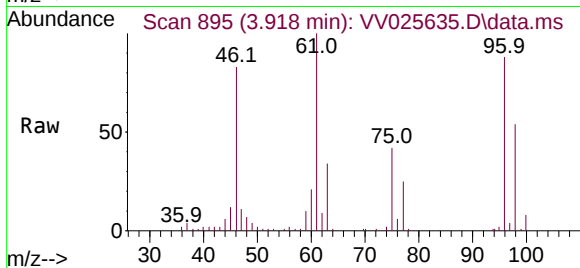
Tgt Ion: 96 Resp: 40097

Ion Ratio Lower Upper

96 100

61 114.1 80.0 148.6

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.248 ug/L

RT: 4.256 min Scan# 1000

Delta R.T. 0.010 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

Tgt Ion: 128 Resp: 18100

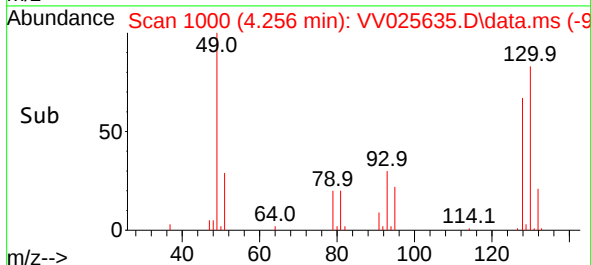
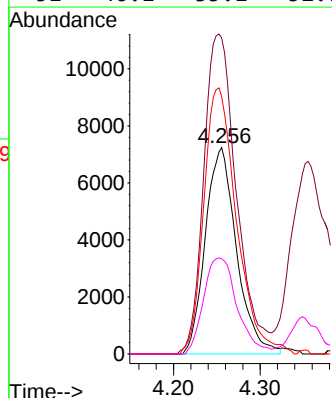
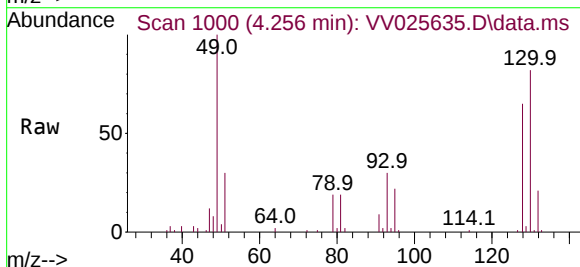
Ion Ratio Lower Upper

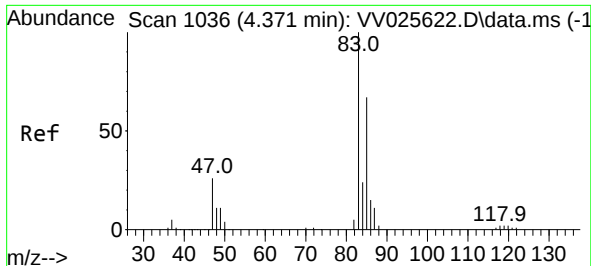
128 100

49 153.1 100.5 186.7

130 124.9 87.8 163.0

51 46.1 35.1 52.7

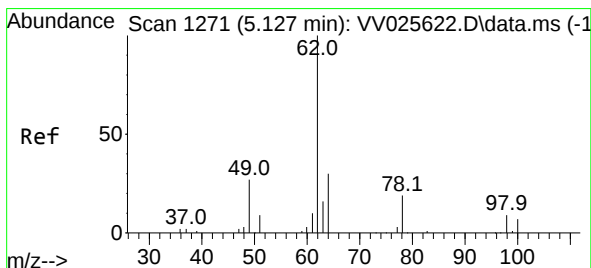
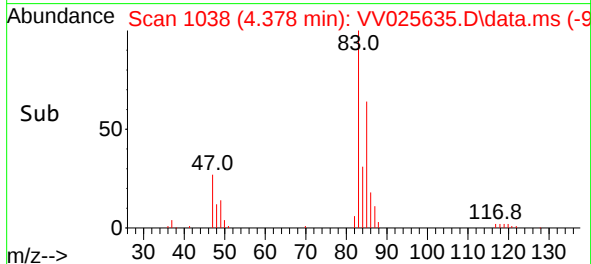
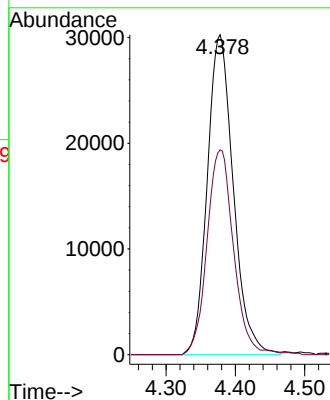
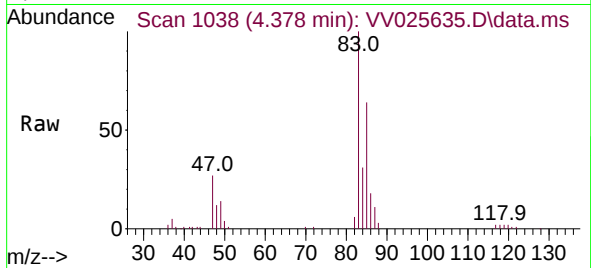




#25
Chloroform
Concen: 5.580 ug/L
RT: 4.378 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

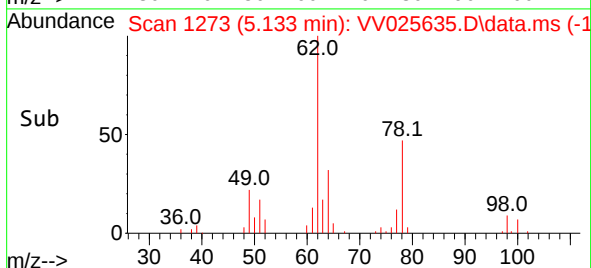
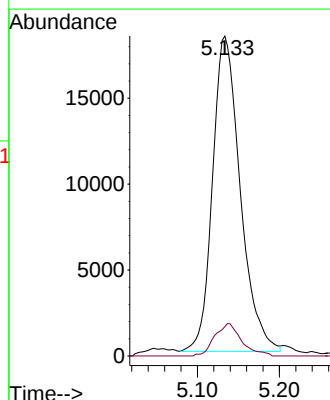
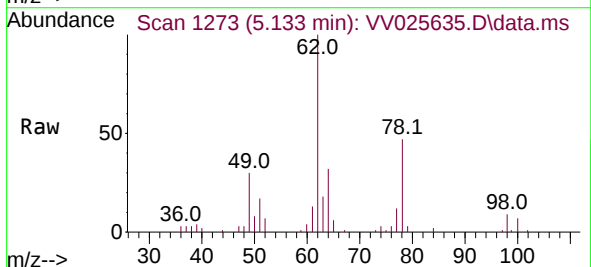
Instrument :
MSVOA_V
ClientSampleId :
VSTD005385

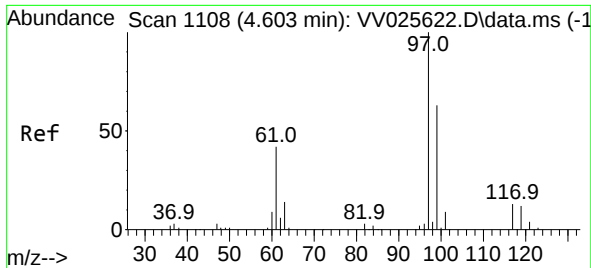
Tgt Ion: 83 Resp: 78716
Ion Ratio Lower Upper
83 100
85 64.0 43.5 80.7



#27
1,2-Dichloroethane
Concen: 5.788 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.006 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

Tgt Ion: 62 Resp: 43082
Ion Ratio Lower Upper
62 100
98 9.1 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 4.465 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005385

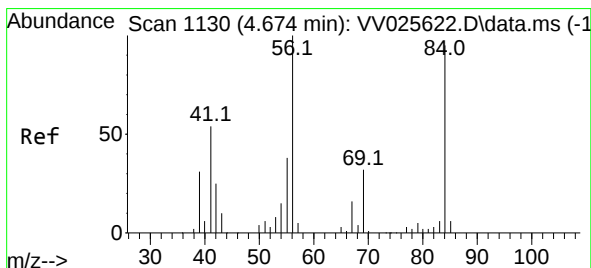
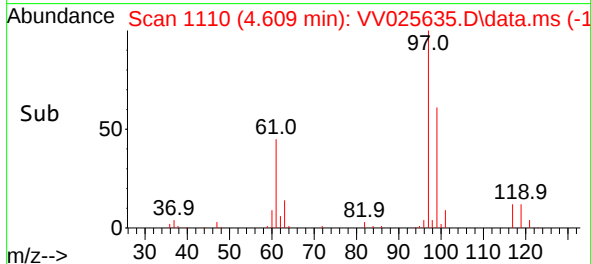
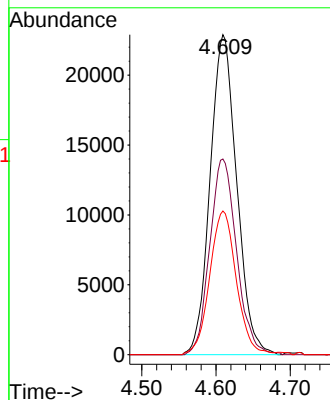
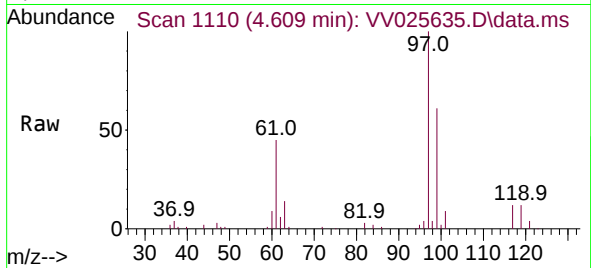
Tgt Ion: 97 Resp: 57032

Ion Ratio Lower Upper

97 100

99 61.7 51.5 77.3

61 44.9 34.3 51.5



#30

Cyclohexane

Concen: 3.245 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

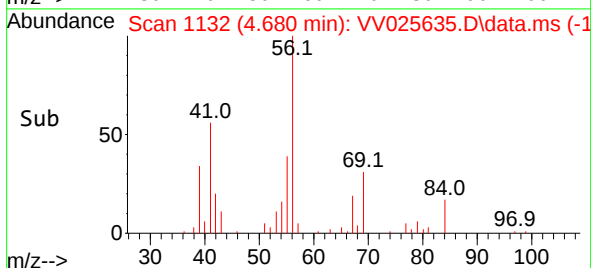
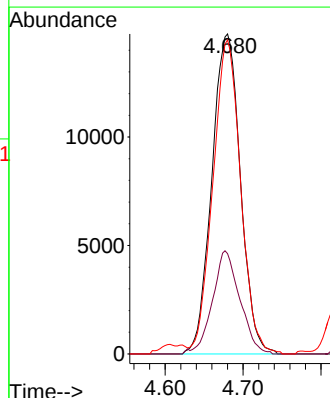
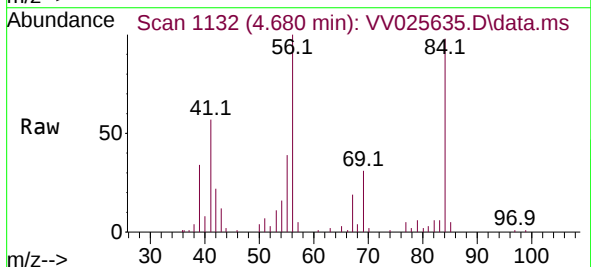
Tgt Ion: 56 Resp: 37681

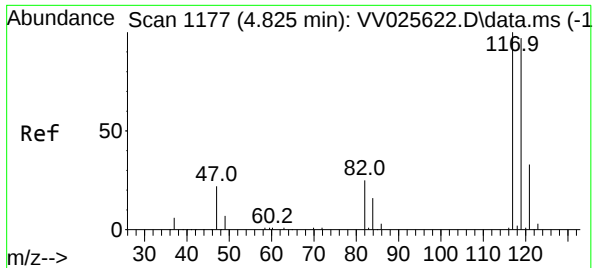
Ion Ratio Lower Upper

56 100

69 30.8 26.1 39.1

84 95.2 78.6 118.0

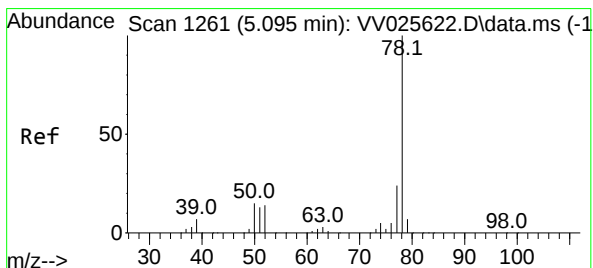
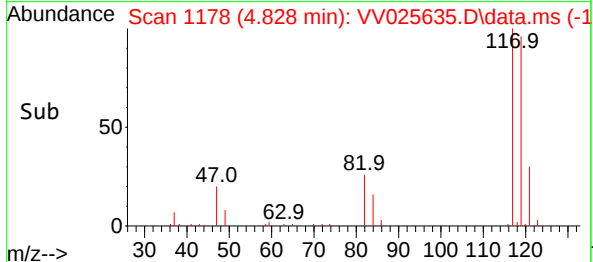
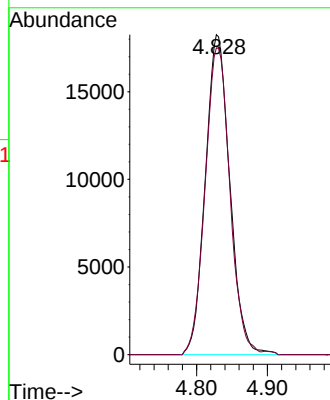
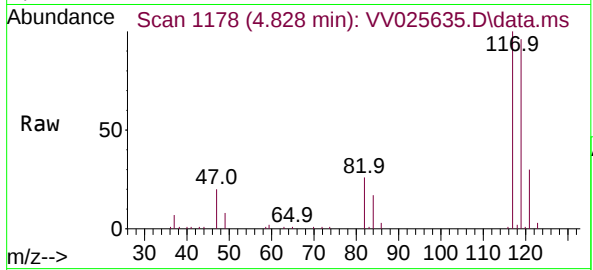




#31
Carbon tetrachloride
Concen: 4.055 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

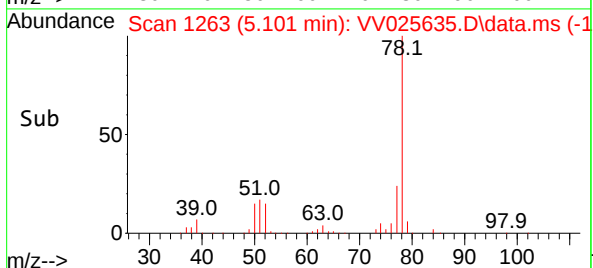
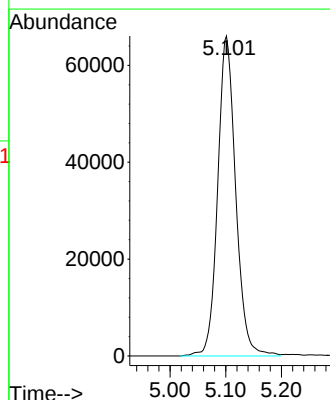
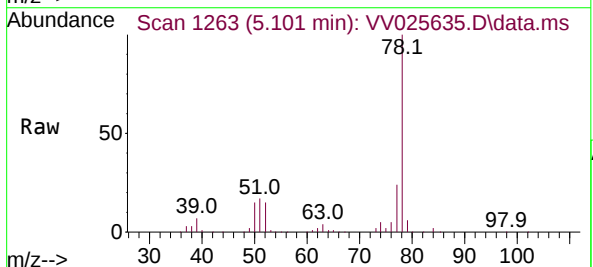
Instrument :
MSVOA_V
ClientSampleId :
VSTD005385

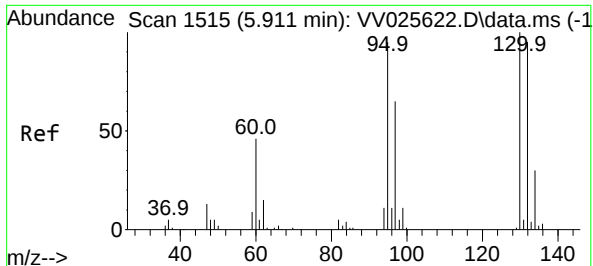
Tgt Ion:117 Resp: 43806
Ion Ratio Lower Upper
117 100
119 97.0 76.6 114.8



#33
Benzene
Concen: 4.641 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

Tgt Ion: 78 Resp: 148463



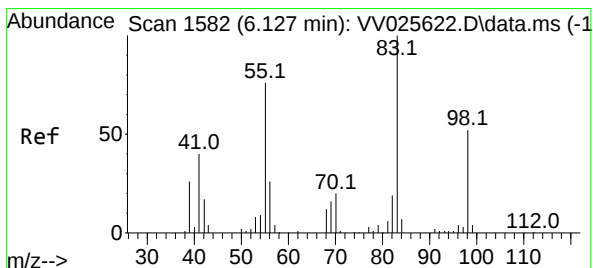
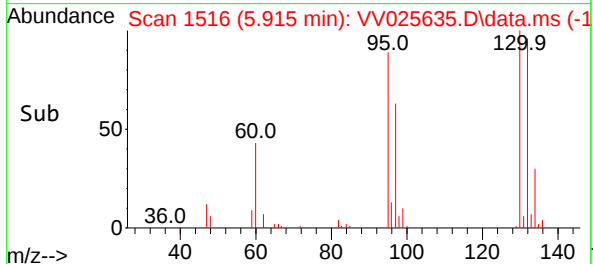
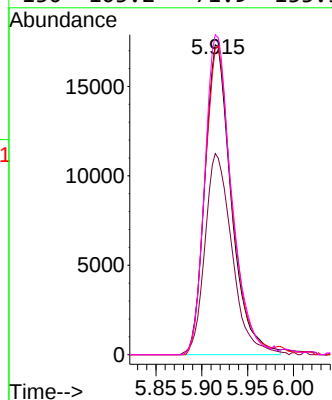
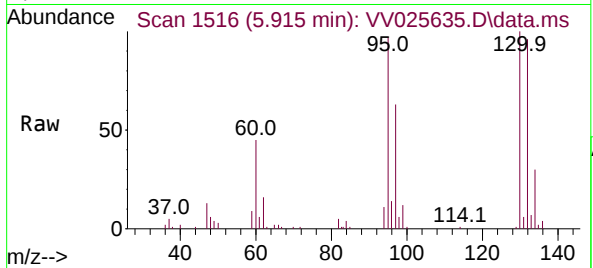


#34
Trichloroethene
Concen: 4.090 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD005385

Tgt Ion: 95 Resp: 34743

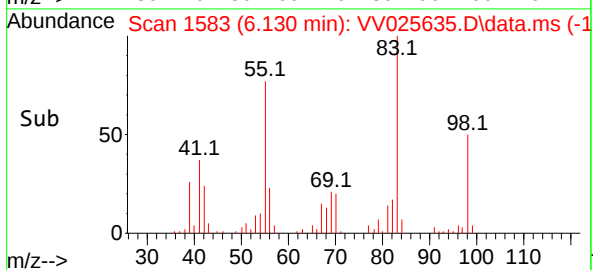
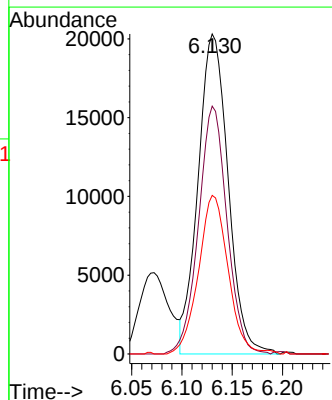
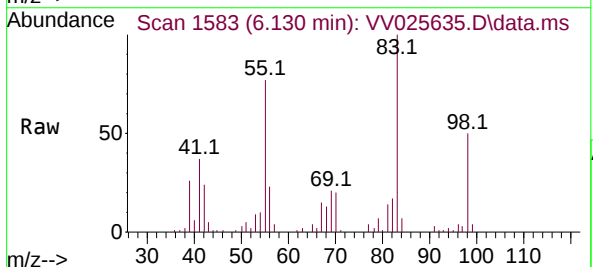
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.8	85.2
132	98.9	68.0	126.4
130	103.2	71.9	133.5

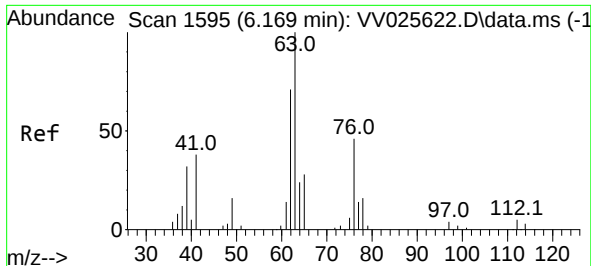


#35
Methylcyclohexane
Concen: 3.117 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

Tgt Ion: 83 Resp: 42238

Ion	Ratio	Lower	Upper
83	100		
55	73.4	53.7	80.5
98	49.0	39.6	59.4





#37

1,2-Dichloropropane

Concen: 5.289 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

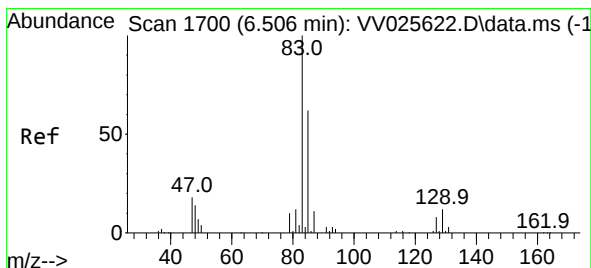
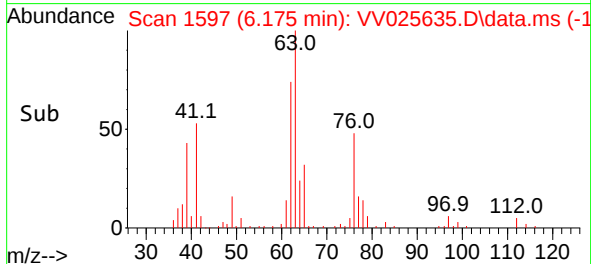
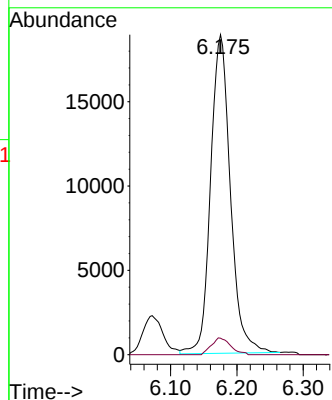
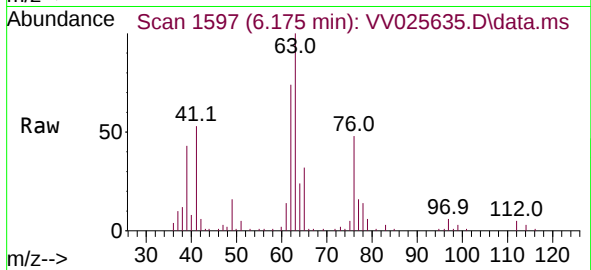
VSTD005385

Tgt Ion: 63 Resp: 39145

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.8



#38

Bromodichloromethane

Concen: 5.435 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

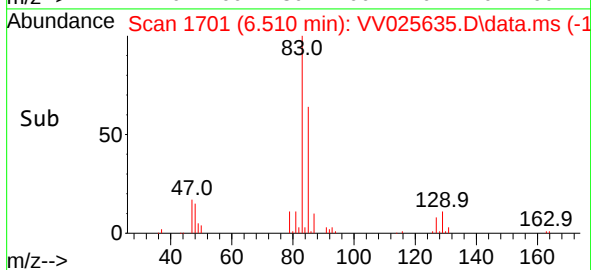
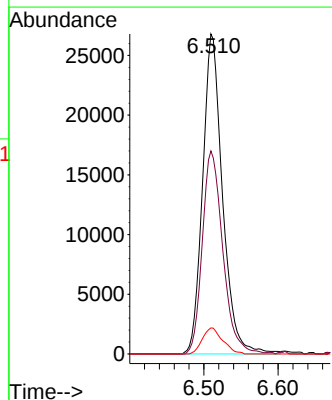
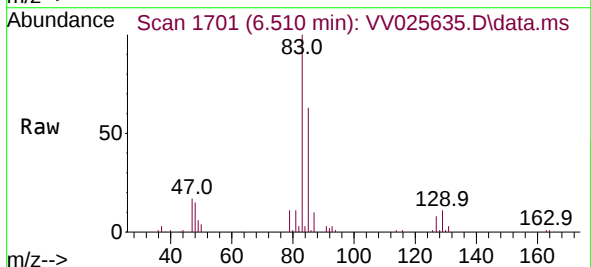
Tgt Ion: 83 Resp: 49935

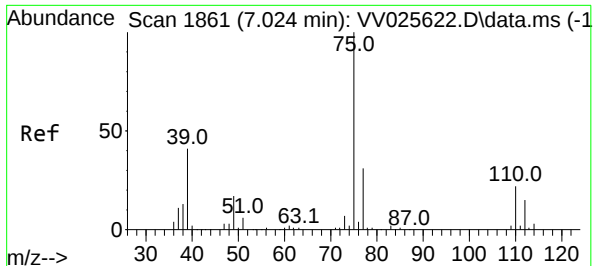
Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.4

127 8.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.595 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

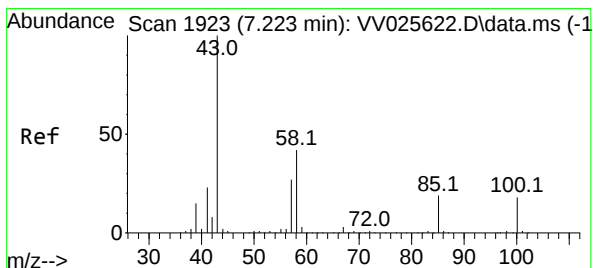
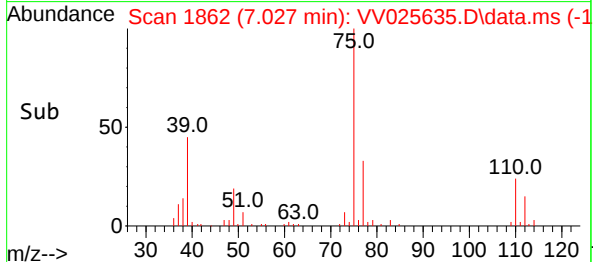
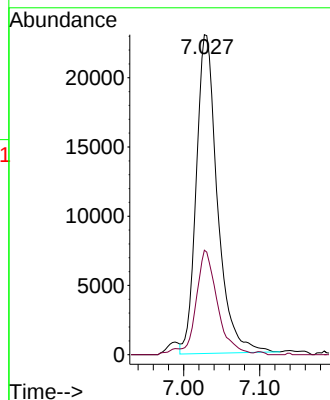
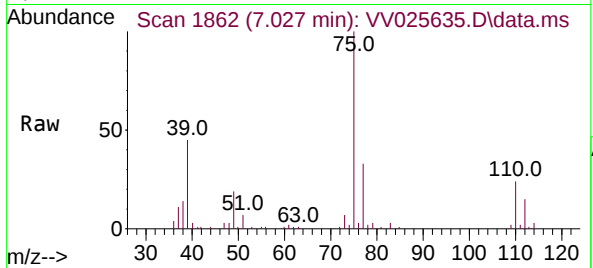
VSTD005385

Tgt Ion: 75 Resp: 44567

Ion Ratio Lower Upper

75 100

77 32.7 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 68.462 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

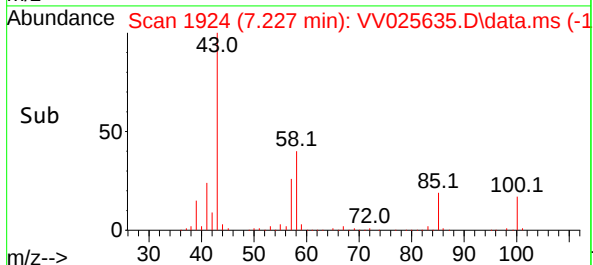
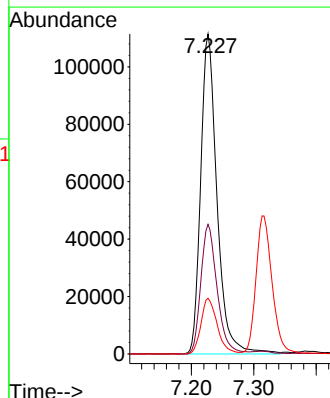
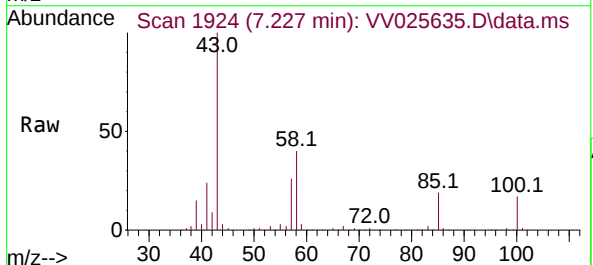
Tgt Ion: 43 Resp: 202866

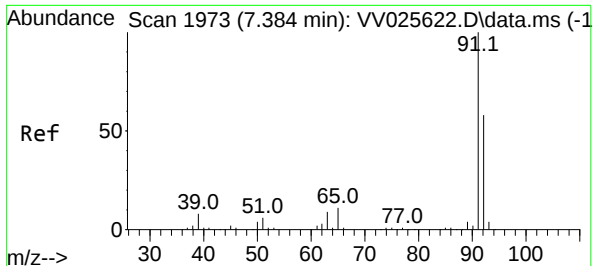
Ion Ratio Lower Upper

43 100

58 40.3 35.1 52.7

100 17.3 15.3 22.9





#42

Toluene

Concen: 4.191 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

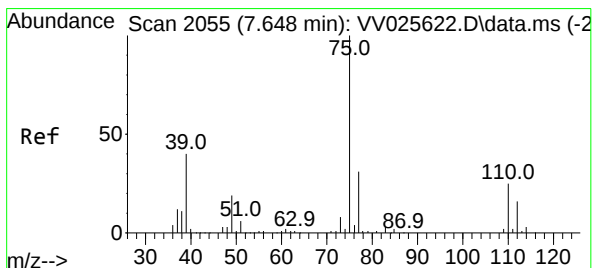
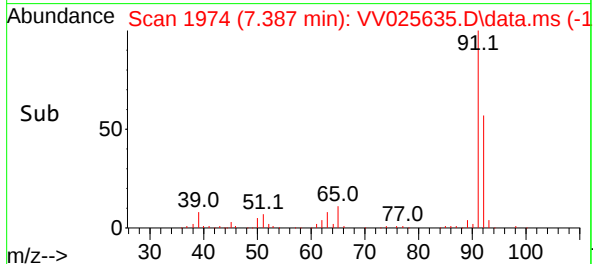
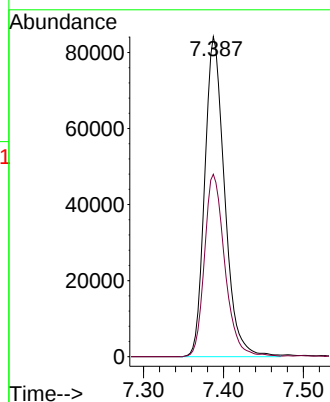
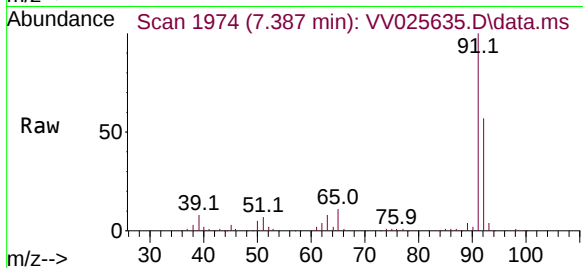
VSTD005385

Tgt Ion: 91 Resp: 145835

Ion Ratio Lower Upper

91 100

92 57.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.199 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025635.D

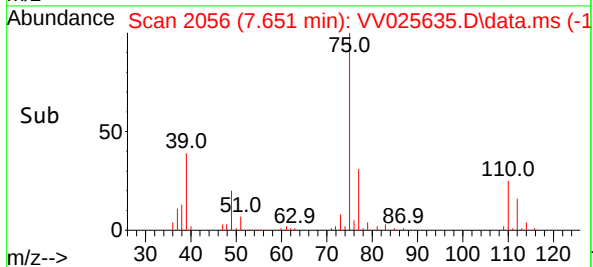
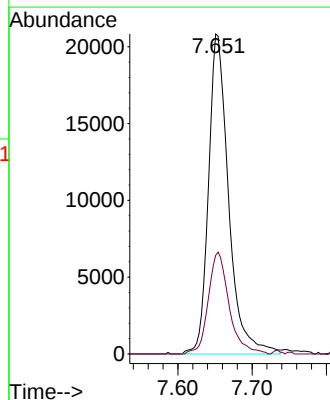
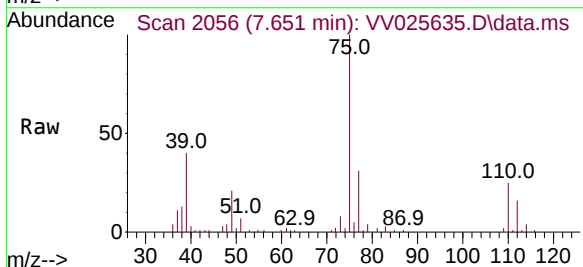
Acq: 19 Apr 2022 17:34

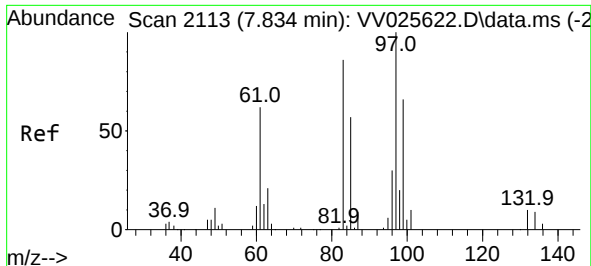
Tgt Ion: 75 Resp: 39173

Ion Ratio Lower Upper

75 100

77 30.8 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 5.756 ug/L

RT: 7.841 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005385

Tgt Ion: 97 Resp: 28527

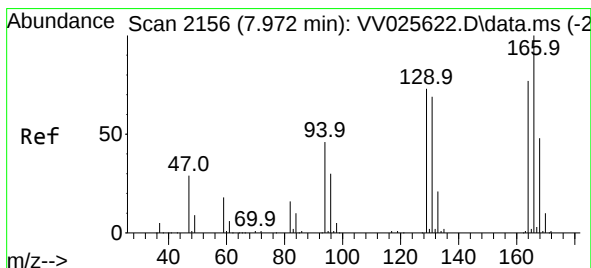
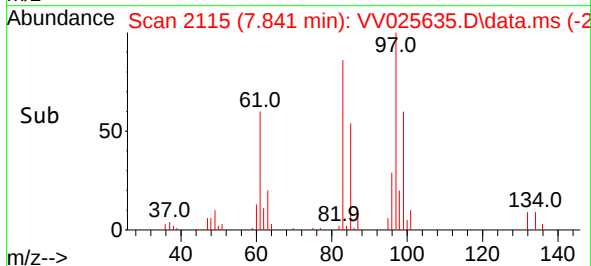
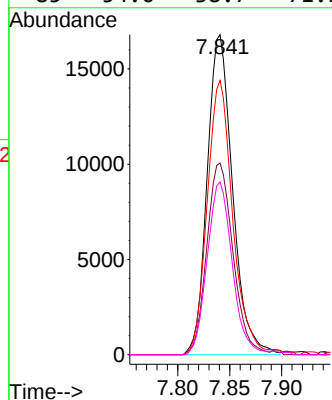
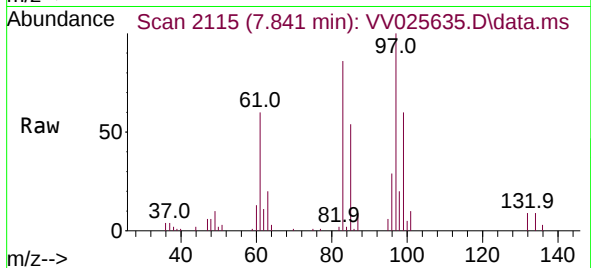
Ion Ratio Lower Upper

97 100

99 59.9 43.8 81.4

83 85.7 60.3 112.1

85 54.0 38.7 71.9



#47

Tetrachloroethene

Concen: 3.602 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

Tgt Ion:164 Resp: 23950

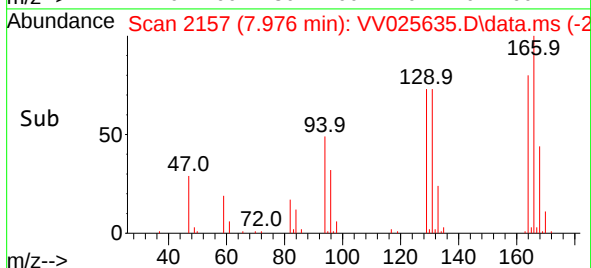
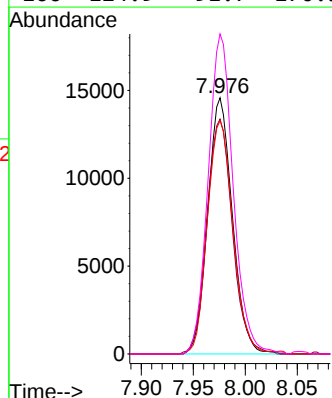
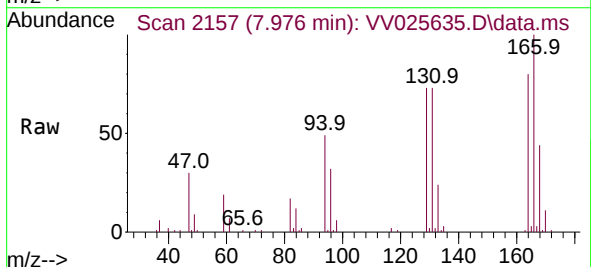
Ion Ratio Lower Upper

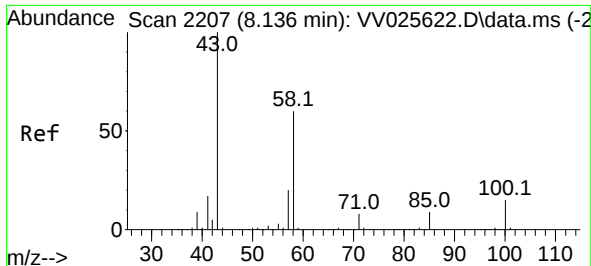
164 100

129 91.7 66.8 124.2

131 91.1 66.4 123.4

166 124.9 91.7 170.3



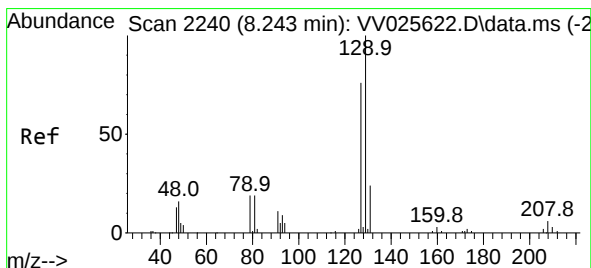
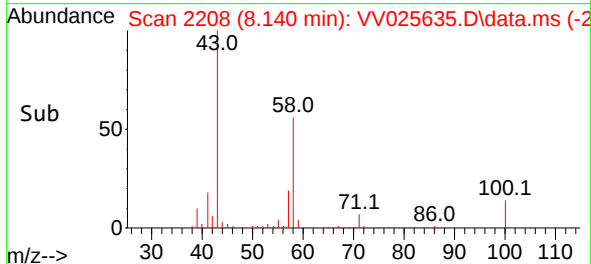
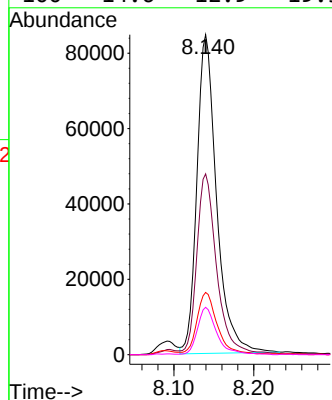
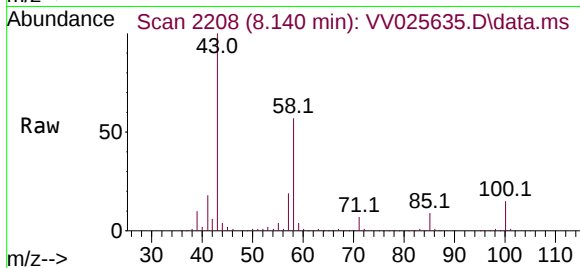


#48
2-Hexanone
Concen: 70.269 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD005385

Tgt Ion: 43 Resp: 145108

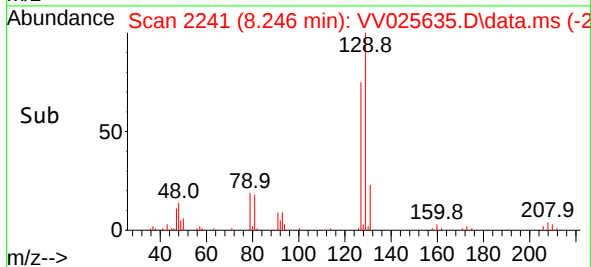
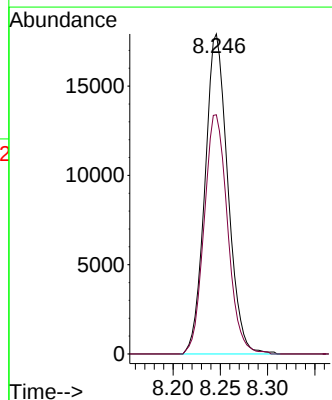
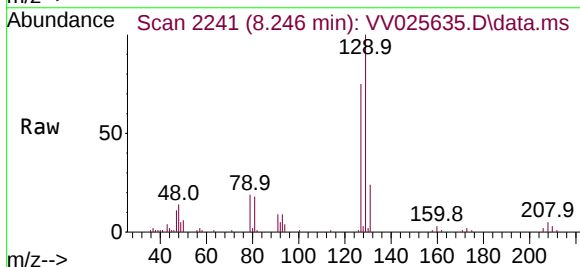
Ion	Ratio	Lower	Upper
43	100		
58	57.2	49.7	74.5
57	19.6	16.4	24.6
100	14.6	12.9	19.3

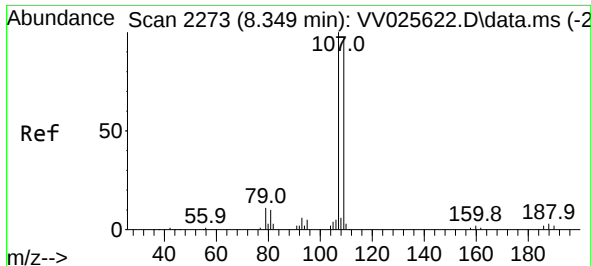


#49
Dibromochloromethane
Concen: 5.539 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

Tgt Ion: 129 Resp: 30135

Ion	Ratio	Lower	Upper
129	100		
127	74.7	53.8	100.0

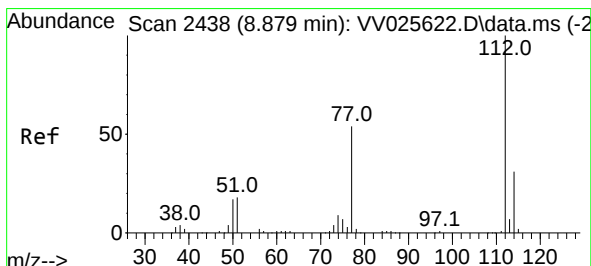
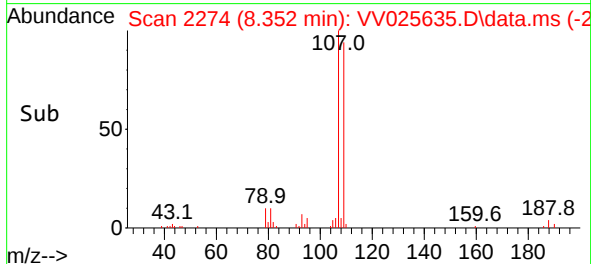
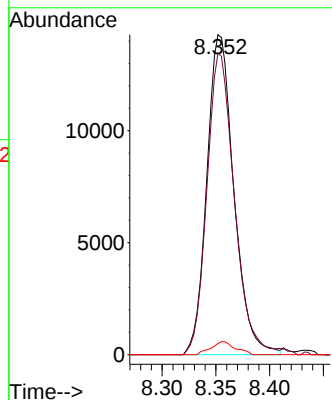
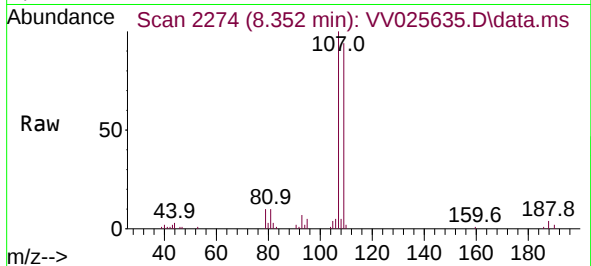




#50
1,2-Dibromoethane
Concen: 5.377 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

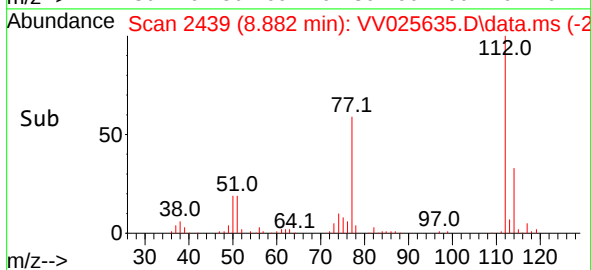
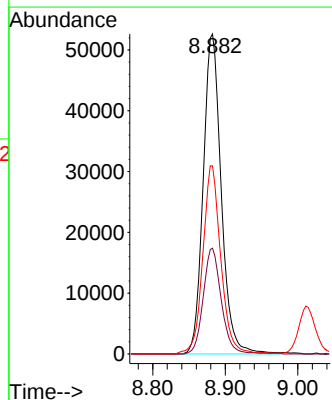
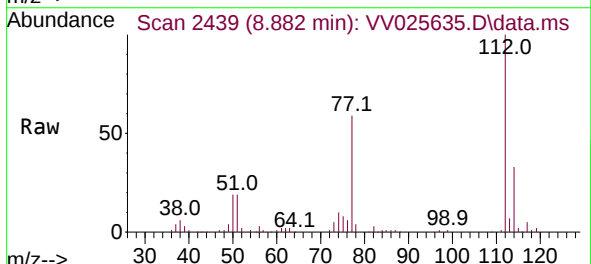
Instrument :
MSVOA_V
ClientSampleId :
VSTD005385

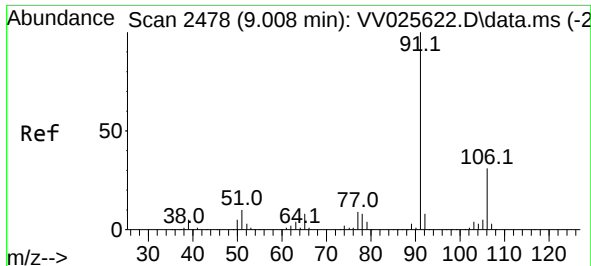
Tgt Ion:107 Resp: 25032
Ion Ratio Lower Upper
107 100
109 94.3 65.9 122.3
188 3.5 2.7 4.1



#51
Chlorobenzene
Concen: 4.099 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

Tgt Ion:112 Resp: 91082
Ion Ratio Lower Upper
112 100
114 33.0 22.4 41.6
77 58.8 43.7 65.5

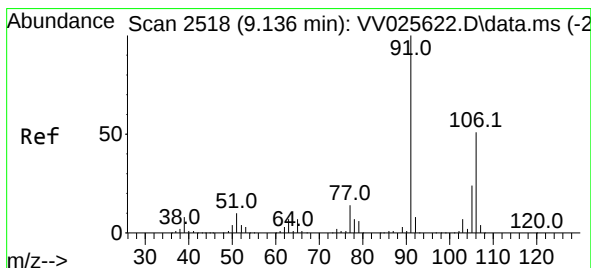
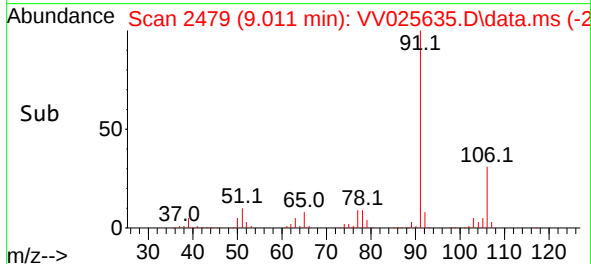
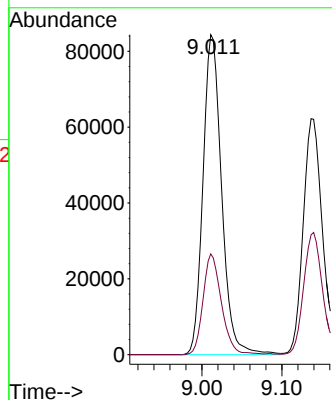
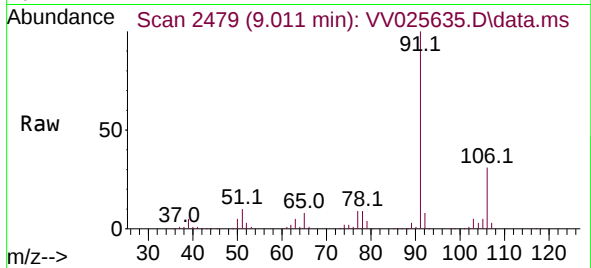




#52
Ethylbenzene
Concen: 3.692 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

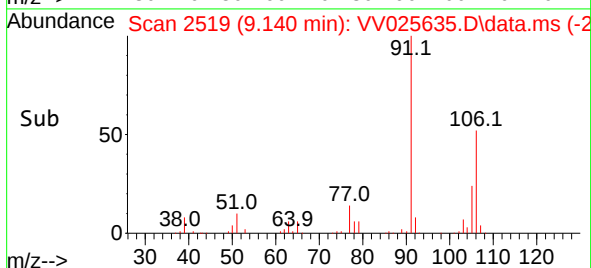
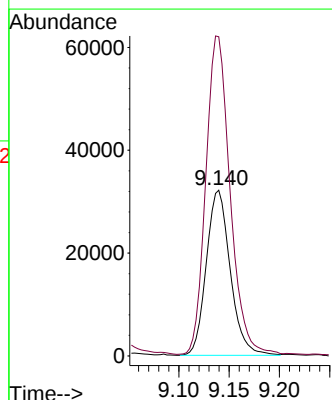
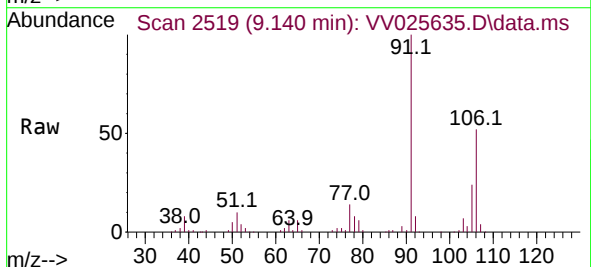
Instrument :
MSVOA_V
ClientSampleId :
VSTD005385

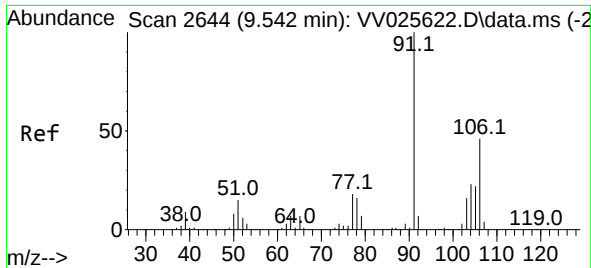
Tgt Ion: 91 Resp: 137035
Ion Ratio Lower Upper
91 100
106 31.5 22.3 41.3



#53
m,p-Xylene
Concen: 3.771 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

Tgt Ion: 106 Resp: 53216
Ion Ratio Lower Upper
106 100
91 192.5 136.4 253.4

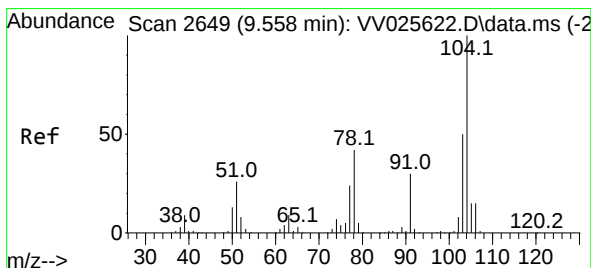
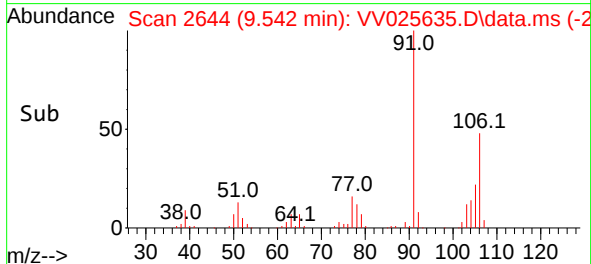
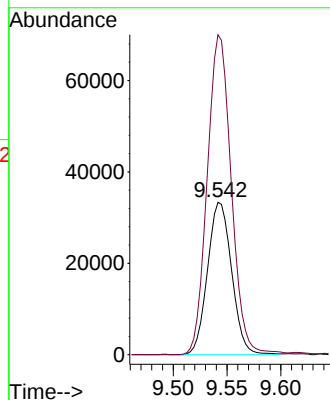
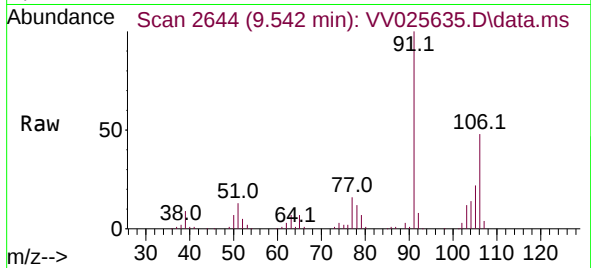




#54
o-Xylene
Concen: 3.800 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

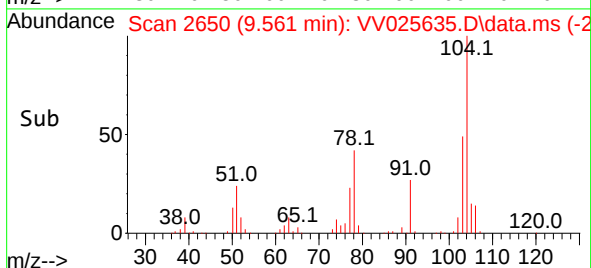
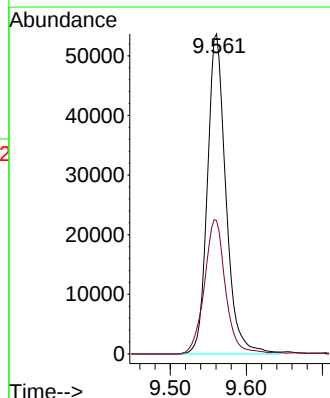
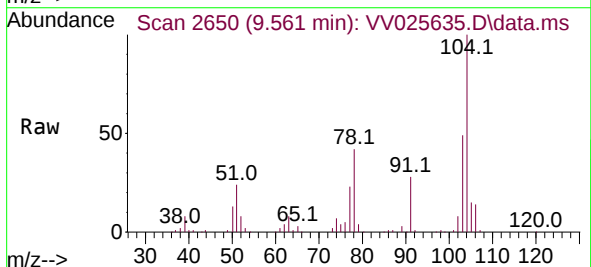
Instrument :
MSVOA_V
ClientSampleId :
VSTD005385

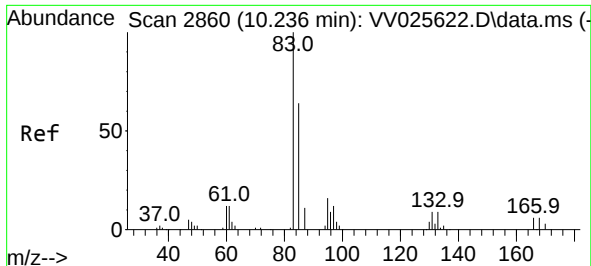
Tgt Ion:106 Resp: 52081
Ion Ratio Lower Upper
106 100
91 210.0 150.4 279.2



#55
Styrene
Concen: 4.073 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

Tgt Ion:104 Resp: 90766
Ion Ratio Lower Upper
104 100
78 41.7 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.642 ug/L

RT: 10.239 min Scan# 2860

Delta R.T. 0.003 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005385

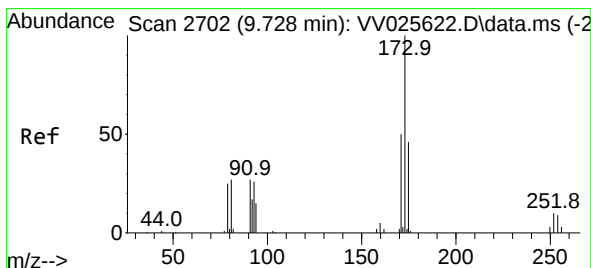
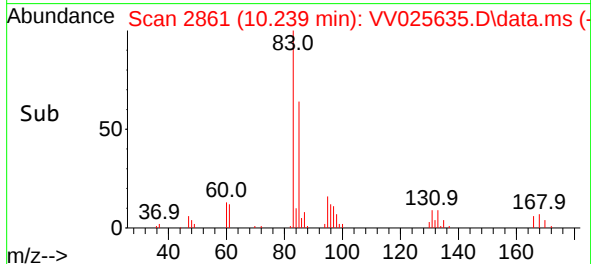
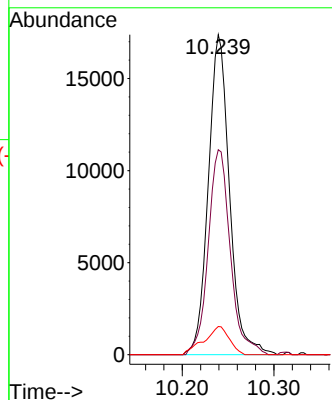
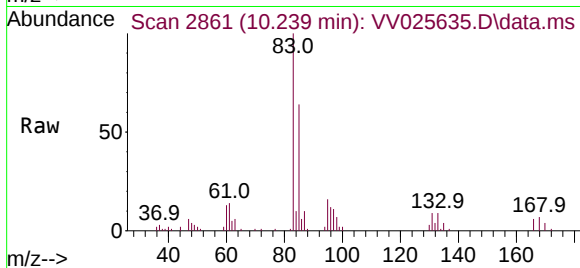
Tgt Ion: 83 Resp: 27939

Ion Ratio Lower Upper

83 100

85 64.1 45.1 83.9

131 8.8 7.9 11.9



#59

Bromoform

Concen: 5.650 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

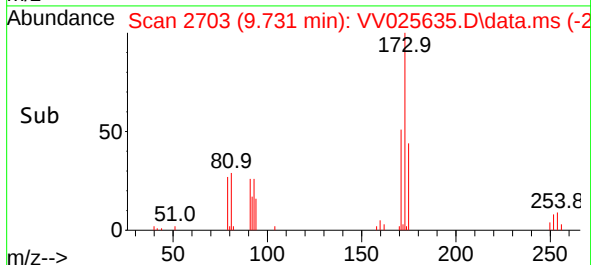
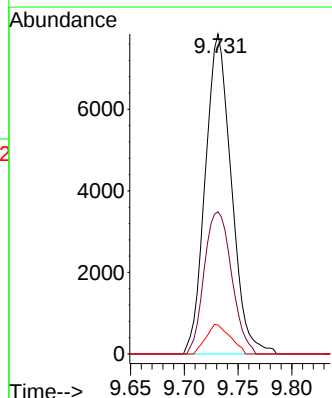
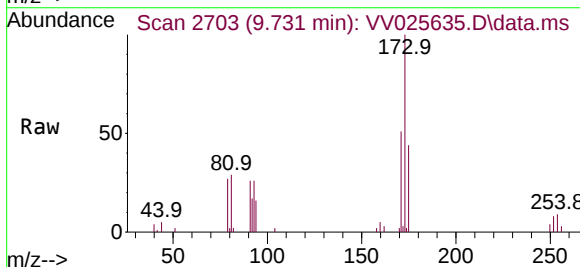
Tgt Ion: 173 Resp: 13229

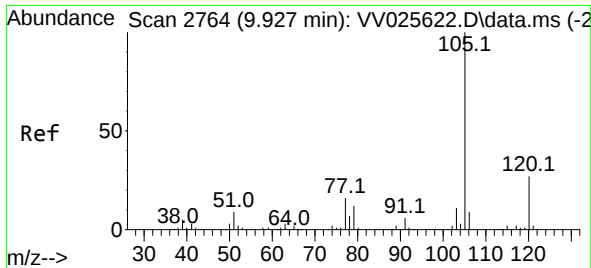
Ion Ratio Lower Upper

173 100

175 46.7 40.8 61.2

254 8.5 7.0 10.6

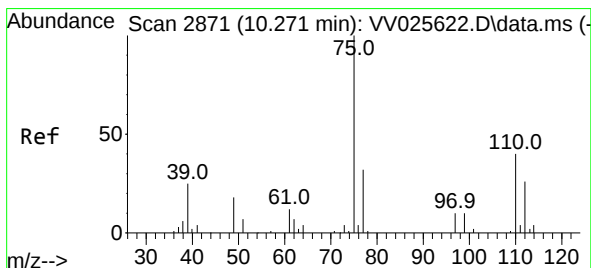
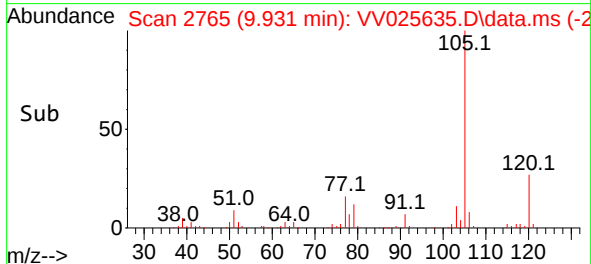
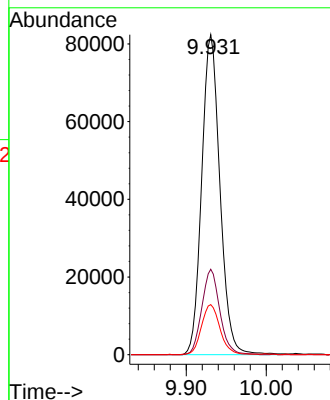
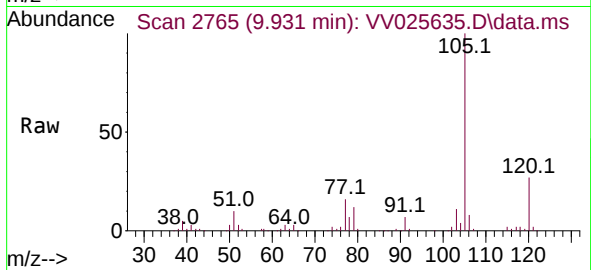




#60
Isopropylbenzene
Concen: 3.729 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

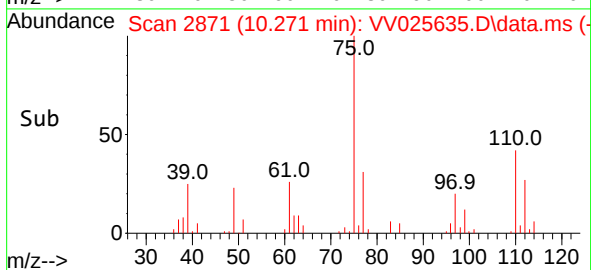
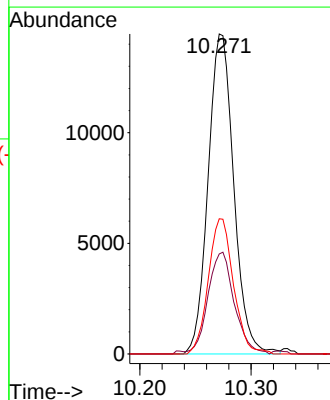
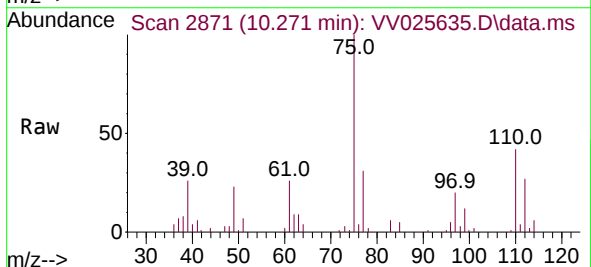
Instrument :
MSVOA_V
ClientSampleId :
VSTD005385

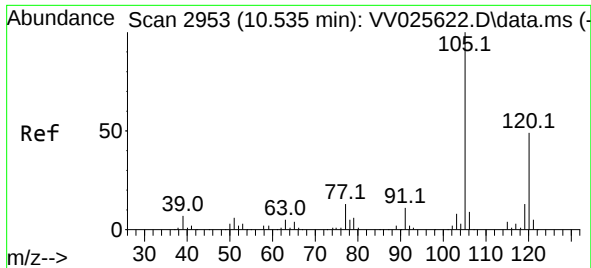
Tgt Ion:105 Resp: 130929
Ion Ratio Lower Upper
105 100
120 26.3 21.2 31.8
77 16.0 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 6.198 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

Tgt Ion: 75 Resp: 23157
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4
110 41.4 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 3.531 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

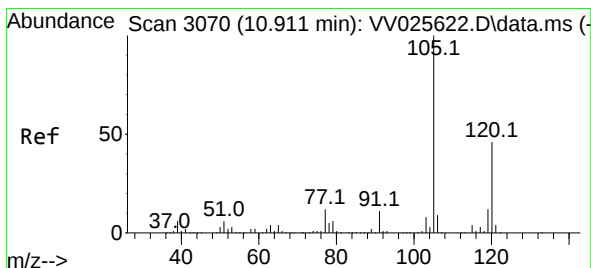
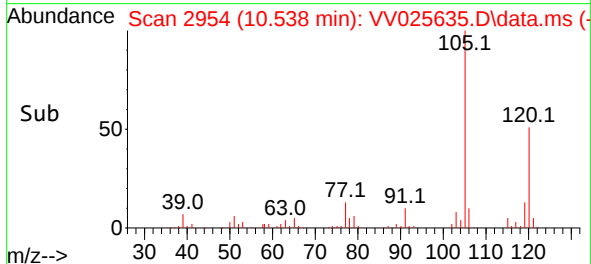
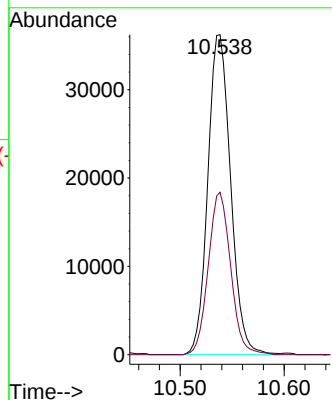
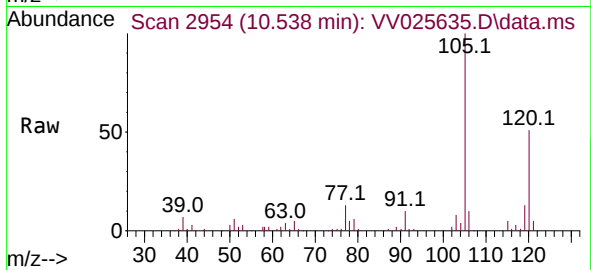
VSTD005385

Tgt Ion:105 Resp: 55283

Ion Ratio Lower Upper

105 100

120 49.8 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 3.575 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025635.D

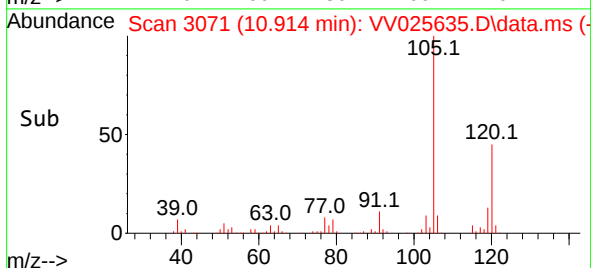
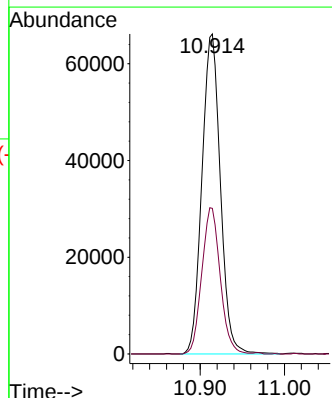
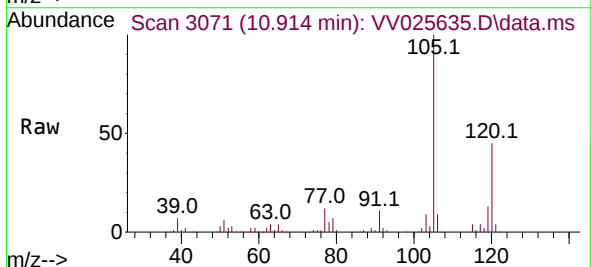
Acq: 19 Apr 2022 17:34

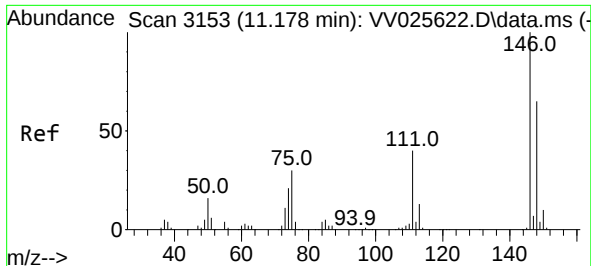
Tgt Ion:105 Resp: 100861

Ion Ratio Lower Upper

105 100

120 45.6 36.6 55.0

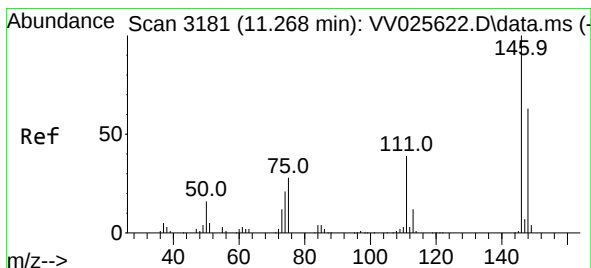
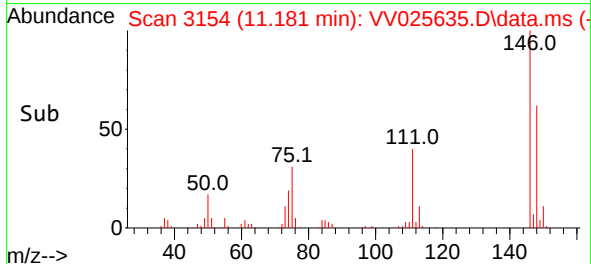
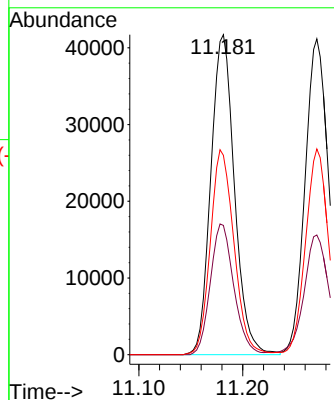
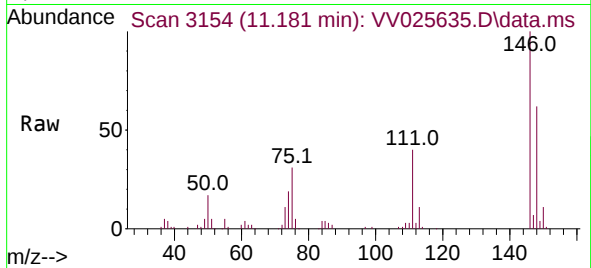




#64
1,3-Dichlorobenzene
Concen: 4.023 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

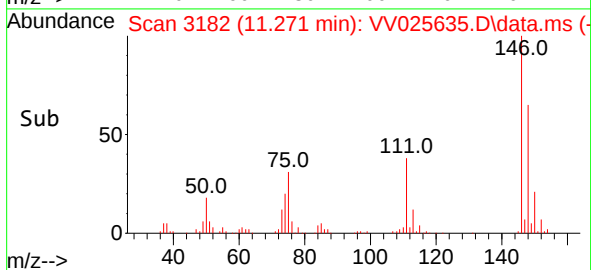
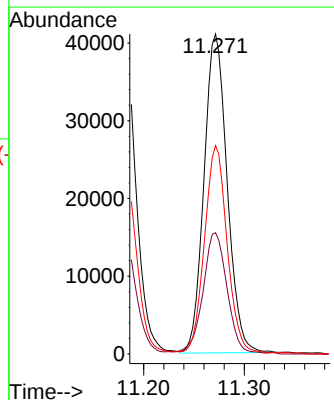
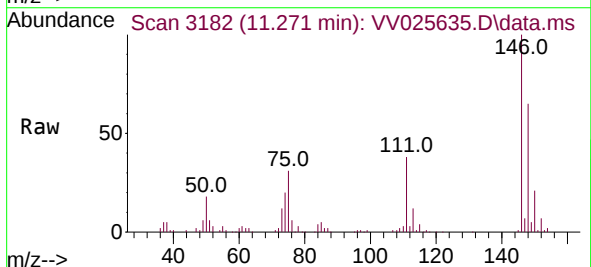
Instrument :
MSVOA_V
ClientSampleId :
VSTD005385

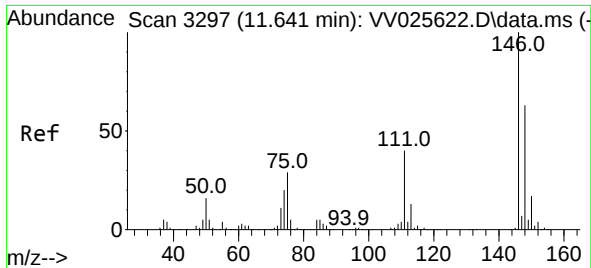
Tgt Ion:146 Resp: 65946
Ion Ratio Lower Upper
146 100
111 40.4 27.4 50.8
148 62.3 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 3.945 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

Tgt Ion:146 Resp: 65645
Ion Ratio Lower Upper
146 100
111 37.9 26.7 49.7
148 65.2 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 4.248 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005385

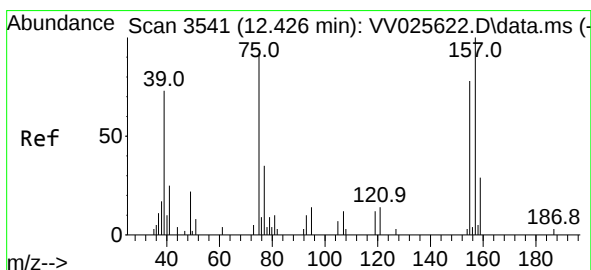
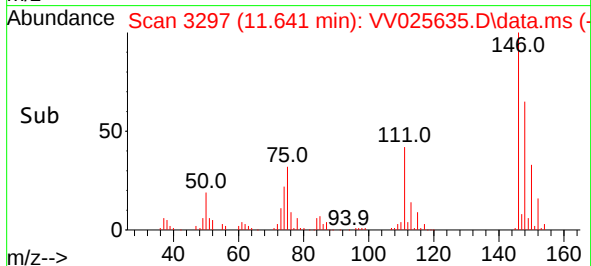
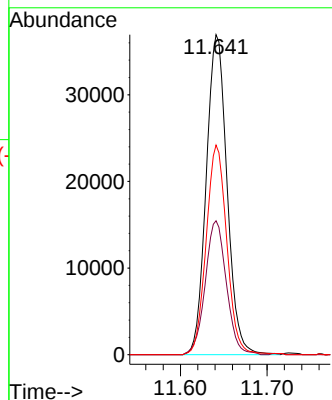
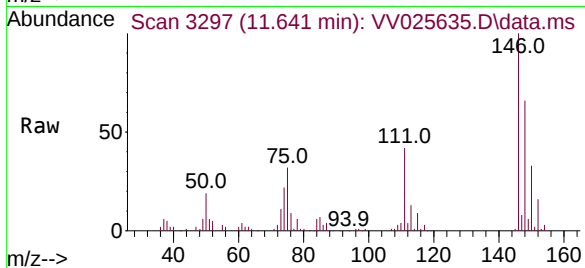
Tgt Ion:146 Resp: 61668

Ion Ratio Lower Upper

146 100

111 41.9 33.6 50.4

148 65.5 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.895 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

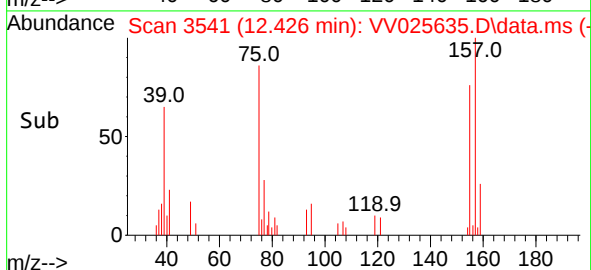
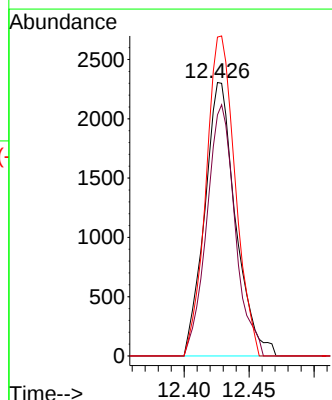
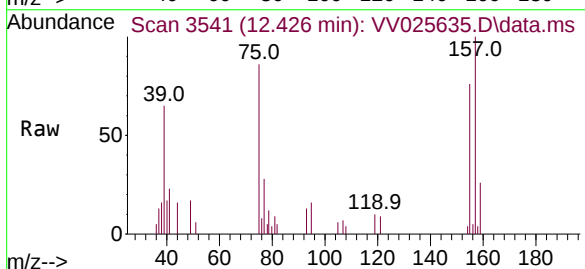
Tgt Ion: 75 Resp: 3808

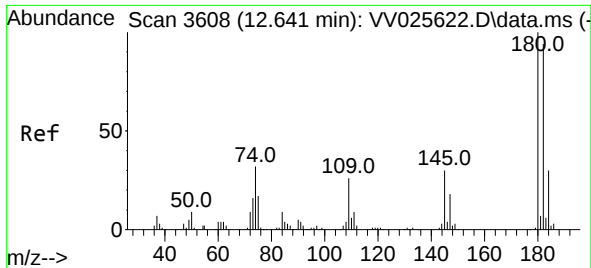
Ion Ratio Lower Upper

75 100

155 88.2 65.8 98.8

157 116.6 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 3.730 ug/L

RT: 12.644 min Scan# 3608

Delta R.T. 0.003 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005385

Tgt Ion:180 Resp: 46520

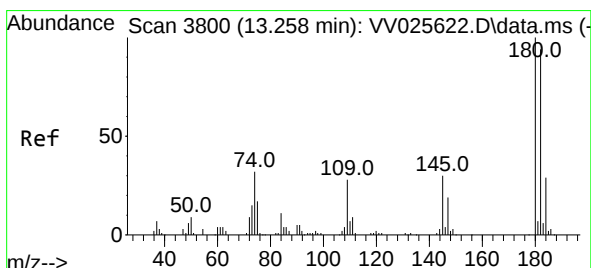
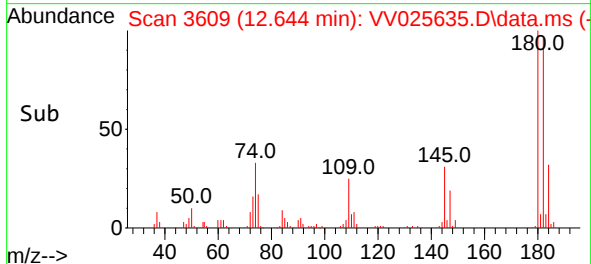
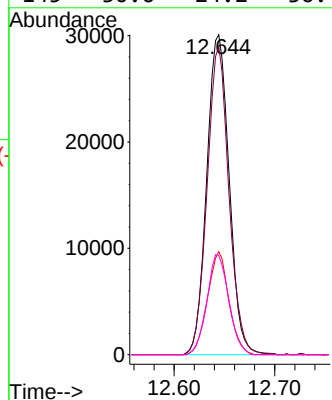
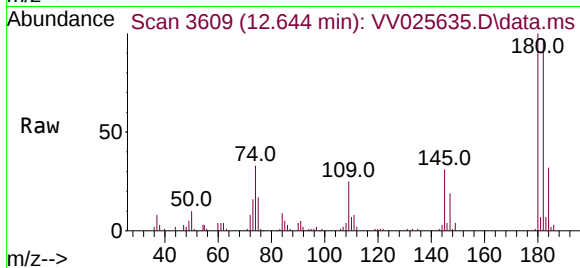
Ion Ratio Lower Upper

180 100

182 93.8 75.3 112.9

184 30.7 23.4 35.2

145 30.6 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 3.629 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV025635.D

Acq: 19 Apr 2022 17:34

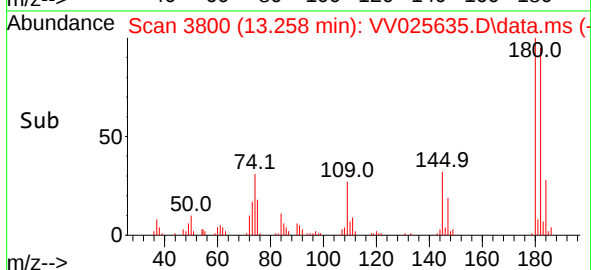
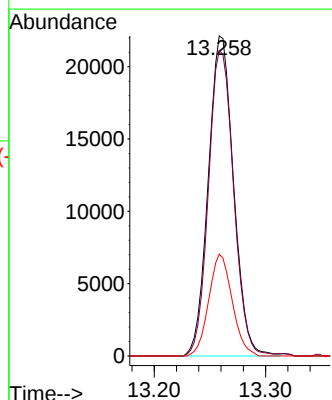
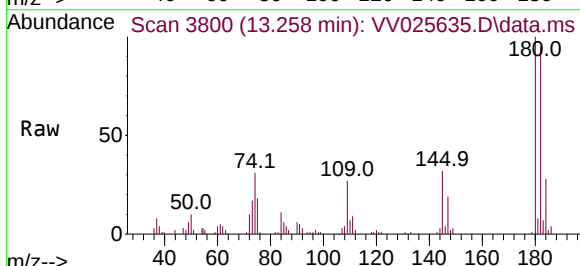
Tgt Ion:180 Resp: 34885

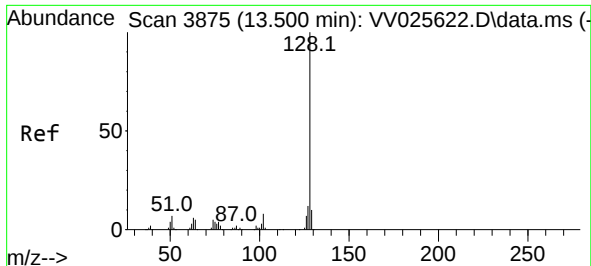
Ion Ratio Lower Upper

180 100

182 94.7 76.6 114.8

145 29.4 24.6 36.8

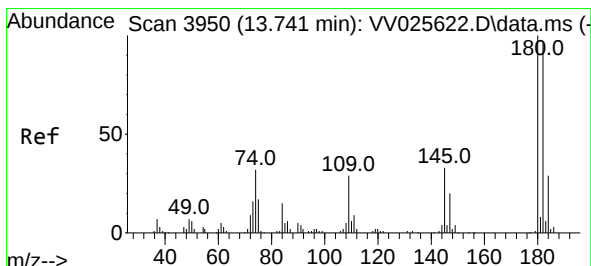
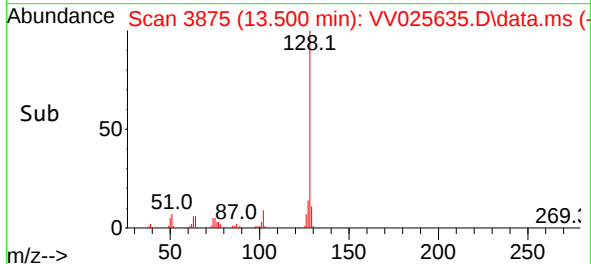
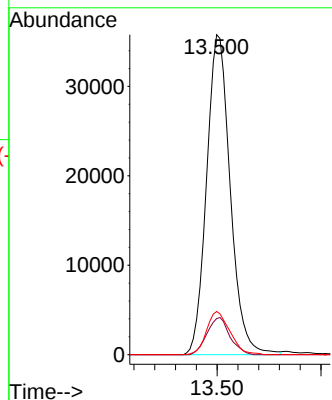
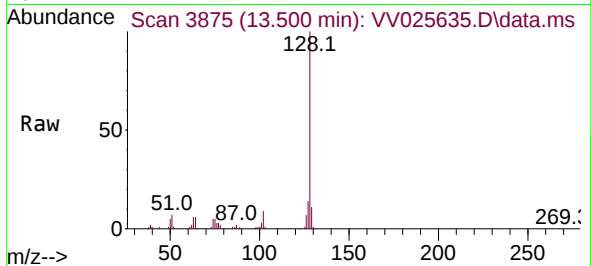




#71
Naphthalene
Concen: 4.009 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD005385

Tgt Ion:	128	Resp:	56535
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.3	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 3.828 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025635.D
Acq: 19 Apr 2022 17:34

Tgt Ion:	180	Resp:	30472
Ion Ratio	Lower	Upper	
180	100		
182	95.0	77.7	116.5
145	34.3	27.4	41.2

