

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025406.D
 Acq On : 08 Apr 2022 12:57
 Operator : SY/MD
 Sample : VSTD02035
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020235

Quant Time: Apr 09 04:23:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:20:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	203330	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	200659	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	112328	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	374633	19.703	ug/L	0.00
7) Chloroethane-d5	1.564	69	471455	28.368	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	788433	19.447	ug/L	0.00
20) 2-Butanone-d5	3.876	46	508565	254.768	ug/L	0.00
24) Chloroform-d	4.349	84	572619	22.414	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	249599	22.260	ug/L	0.00
32) Benzene-d6	5.050	84	1169291	22.518	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	326636	22.398	ug/L	0.00
41) Toluene-d8	7.313	98	1109377	23.332	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	124596	26.228	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	448489	263.942	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	206823	21.626	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	369177	20.254	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	416113	21.851	ug/L	99
3) Chloromethane	1.243	50	448598	19.977	ug/L	100
5) Vinyl chloride	1.310	62	509458	20.302	ug/L	100
6) Bromomethane	1.523	94	426898	27.954	ug/L	100
8) Chloroethane	1.584	64	483583	30.073	ug/L	97
9) Trichlorofluoromethane	1.751	101	720513	21.290	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	409479	20.310	ug/L	100
12) 1,1-Dichloroethene	2.117	96	408050	21.291	ug/L	86
13) Acetone	2.169	43	351957	246.283	ug/L	97
14) Carbon disulfide	2.294	76	990064	24.527	ug/L	99
15) Methyl Acetate	2.433	43	84234	26.158	ug/L	95
16) Methylene chloride	2.506	84	324661	20.935	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	654409	26.317	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	347186	24.811	ug/L	95
19) 1,1-Dichloroethane	3.188	63	571241	24.372	ug/L	98
21) 2-Butanone	3.960	43	537820	278.965	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	367860	25.423	ug/L	98
23) Bromochloromethane	4.246	128	148365	25.018	ug/L	97
25) Chloroform	4.375	83	616030	23.780	ug/L	96
27) 1,2-Dichloroethane	5.127	62	327156	24.378	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	549526	24.056	ug/L	99
30) Cyclohexane	4.677	56	522900	25.443	ug/L	100
31) Carbon tetrachloride	4.828	117	475914	24.148	ug/L	100
33) Benzene	5.098	78	1368726	24.482	ug/L	100
34) Trichloroethene	5.911	95	371384	24.120	ug/L	98
35) Methylcyclohexane	6.130	83	613228	25.566	ug/L	100
37) 1,2-Dichloropropane	6.172	63	316709	24.396	ug/L	100
38) Bromodichloromethane	6.506	83	409754	24.978	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	475058	28.330	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	1402474	269.489	ug/L	99
42) Toluene	7.387	91	1535705	25.814	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	377907	28.580	ug/L	100

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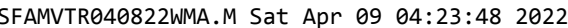
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020235

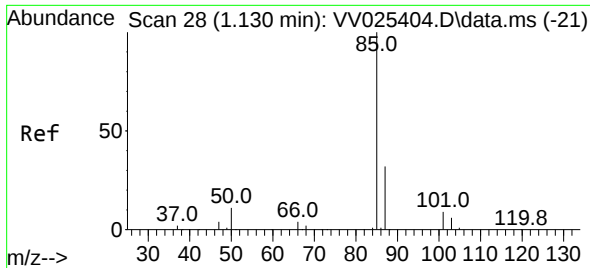
Quant Time: Apr 09 04:23:40 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	215069	24.340	ug/L	99
47) Tetrachloroethene	7.976	164	285945	25.318	ug/L	98
48) 2-Hexanone	8.136	43	985428	266.601	ug/L	99
49) Dibromochloromethane	8.246	129	256035	26.776	ug/L	99
50) 1,2-Dibromoethane	8.349	107	202975	24.492	ug/L	97
51) Chlorobenzene	8.879	112	961629	24.943	ug/L	99
52) Ethylbenzene	9.011	91	1688086	26.737	ug/L	99
53) m,p-Xylene	9.136	106	662780	26.956	ug/L	96
54) o-Xylene	9.542	106	642405	27.435	ug/L	97
55) Styrene	9.558	104	1077715	28.036	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	217415	23.761	ug/L	99
59) Bromoform	9.731	173	119291	27.476	ug/L	97
60) Isopropylbenzene	9.931	105	1705761	24.527	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	169839	21.515	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	807712	25.750	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	1454458	26.165	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	759405	23.264	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	747939	22.725	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	657342	22.913	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	32309	22.769	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	579654	24.416	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	461720	25.703	ug/L	99
71) Naphthalene	13.500	128	722297	25.977	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	376419	24.426	ug/L	97

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

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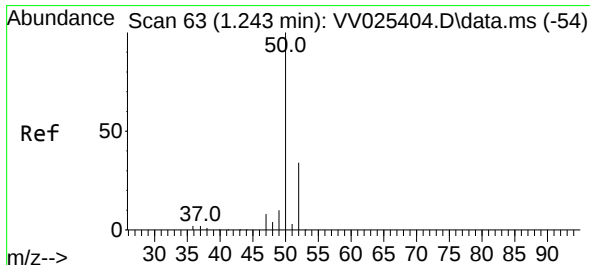
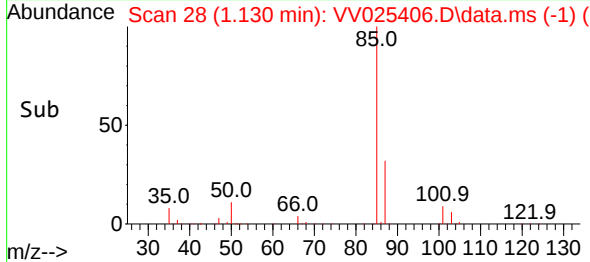
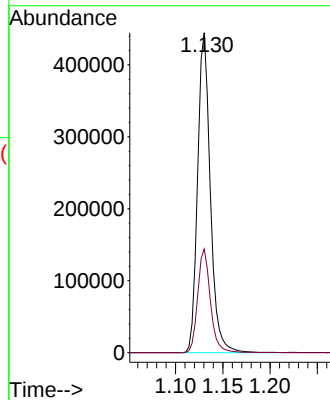
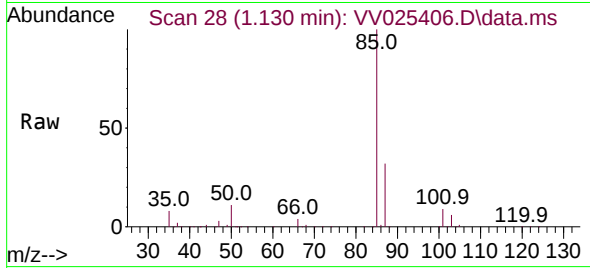




#2
 Dichlorodifluoromethane
 Concen: 21.851 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV025406.D
 Acq: 08 Apr 2022 12:57

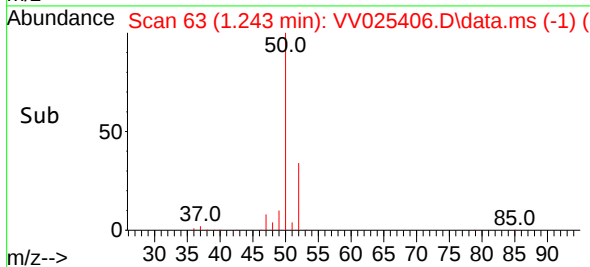
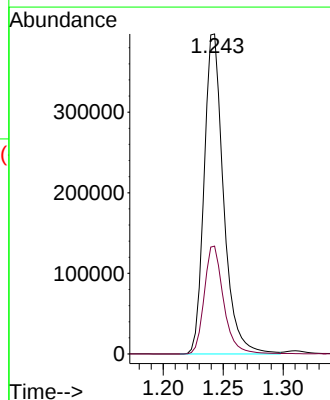
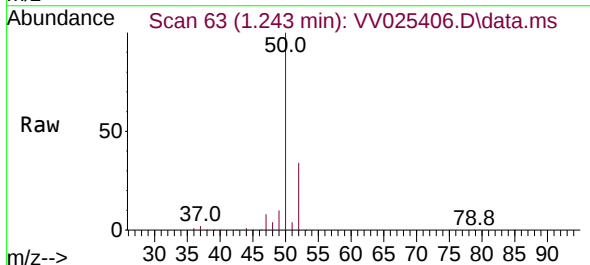
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 VSTD020235

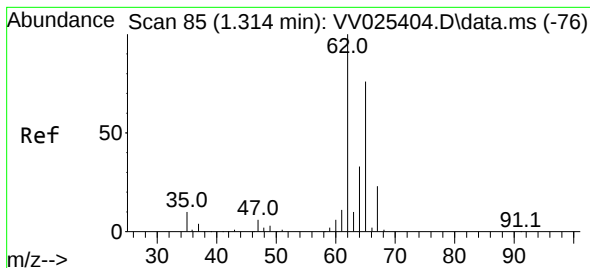
Tgt Ion: 85 Resp: 416113
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.6 38.4



#3
 Chloromethane
 Concen: 19.977 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025406.D
 Acq: 08 Apr 2022 12:57

Tgt Ion: 50 Resp: 448598
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.7 43.9





#5

Vinyl chloride

Concen: 20.302 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.003 min

Lab File: VV025406.D

Acq: 08 Apr 2022 12:57

Instrument :

MSVOA_V

ClientSampleId :

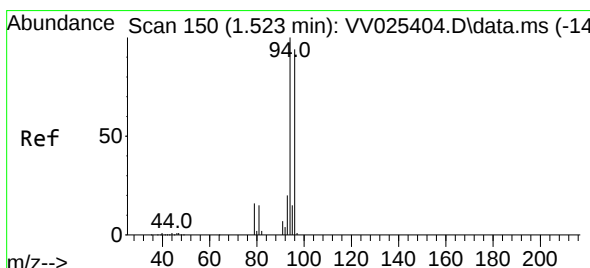
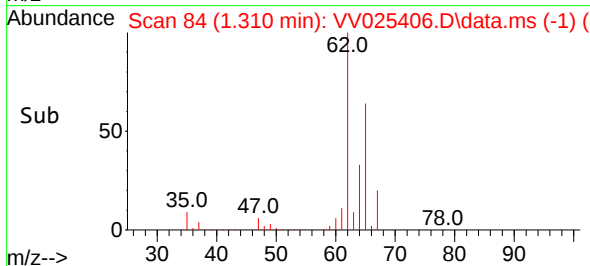
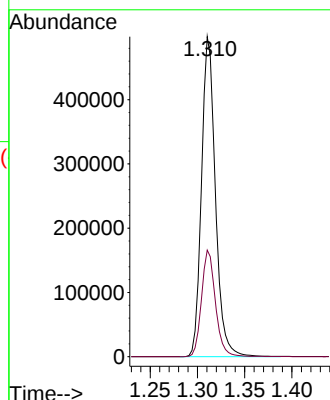
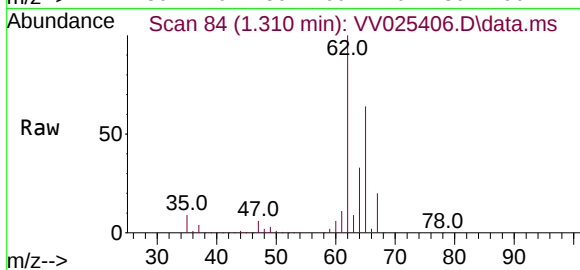
VSTD020235

Tgt Ion: 62 Resp: 509458

Ion Ratio Lower Upper

62 100

64 33.3 23.2 43.2



#6

Bromomethane

Concen: 27.954 ug/L

RT: 1.523 min Scan# 150

Delta R.T. -0.000 min

Lab File: VV025406.D

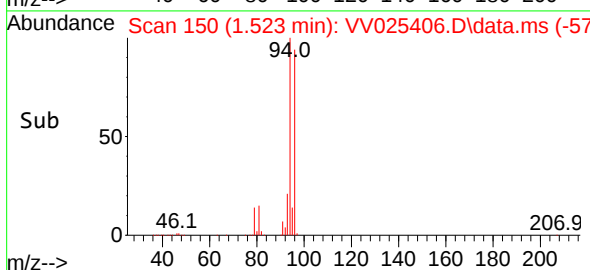
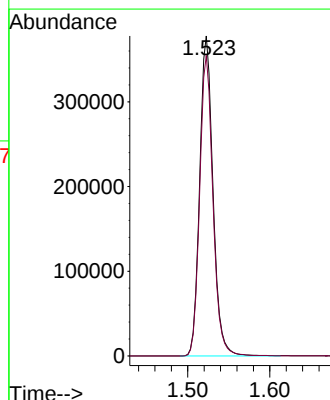
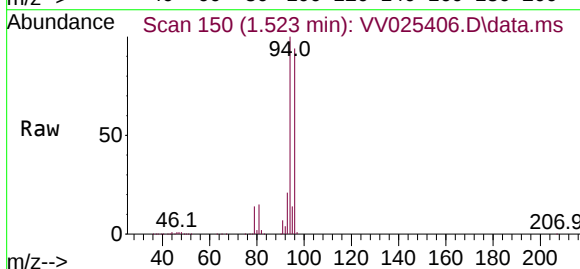
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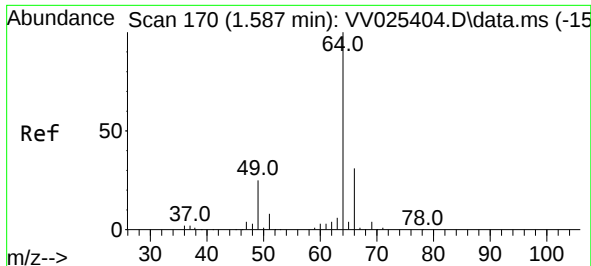
Tgt Ion: 94 Resp: 426898

Ion Ratio Lower Upper

94 100

96 93.9 66.1 122.7

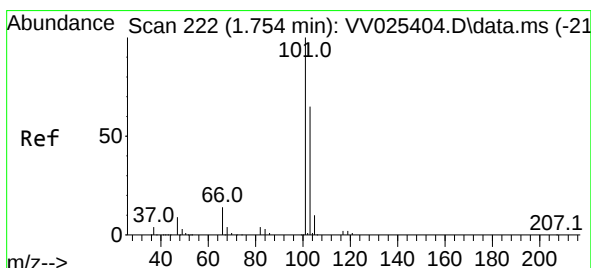
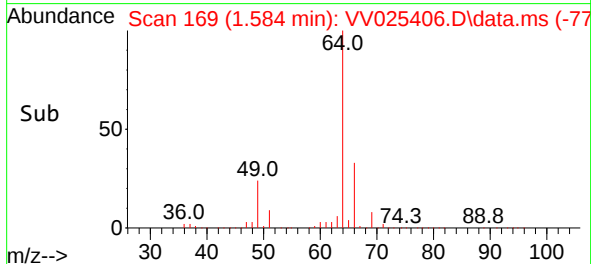
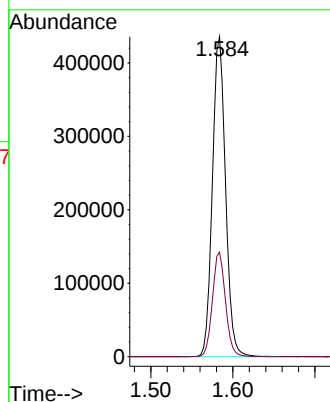
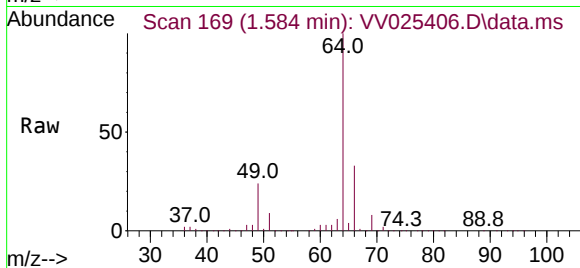




#8
Chloroethane
Concen: 30.073 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

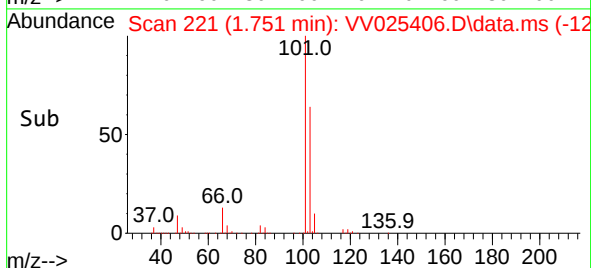
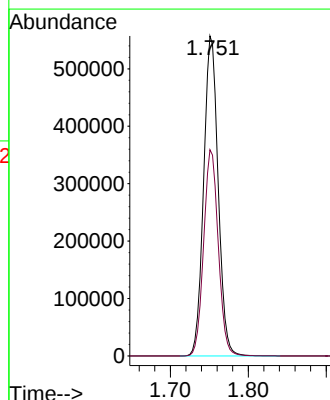
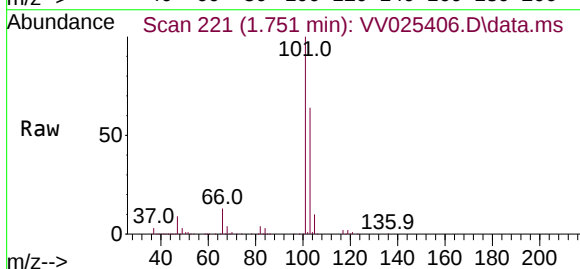
Instrument :
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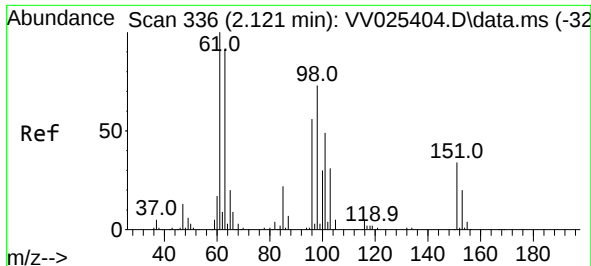
Tgt Ion: 64 Resp: 483583
Ion Ratio Lower Upper
64 100
66 32.7 21.8 40.6



#9
Trichlorofluoromethane
Concen: 21.290 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

Tgt Ion:101 Resp: 720513
Ion Ratio Lower Upper
101 100
103 64.8 51.9 77.9

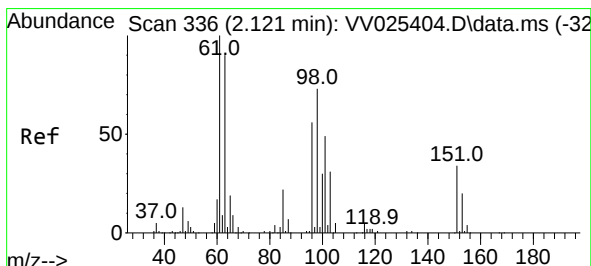
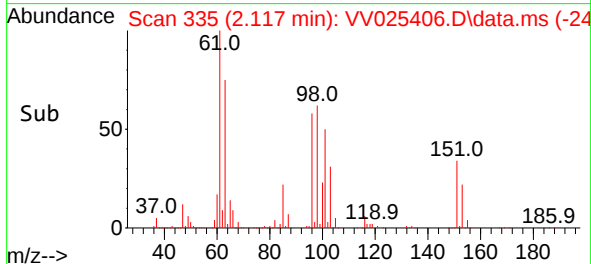
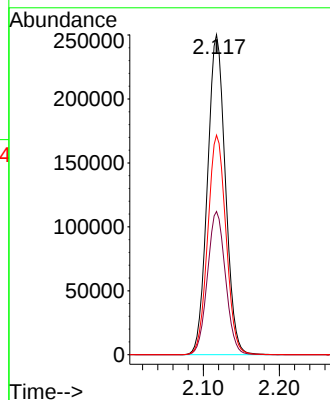
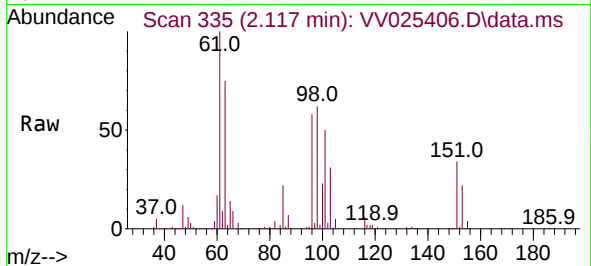




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.310 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV025406.D
 Acq: 08 Apr 2022 12:57

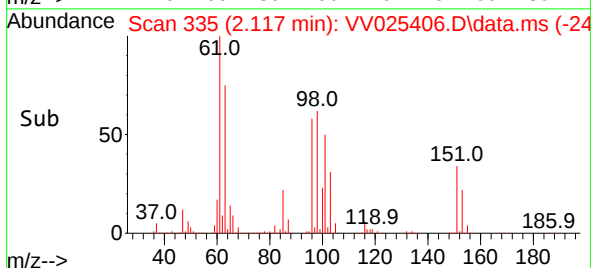
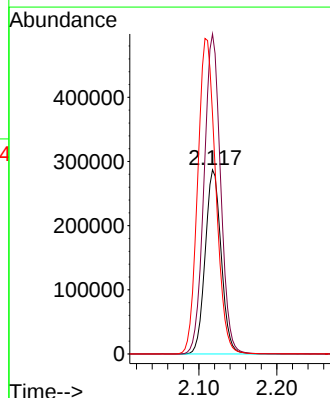
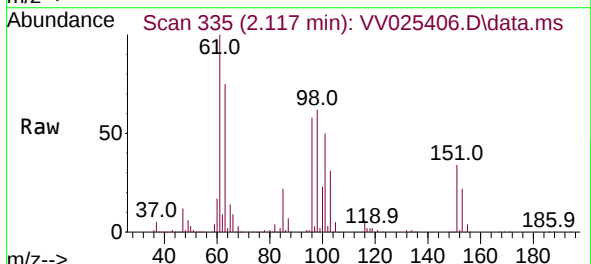
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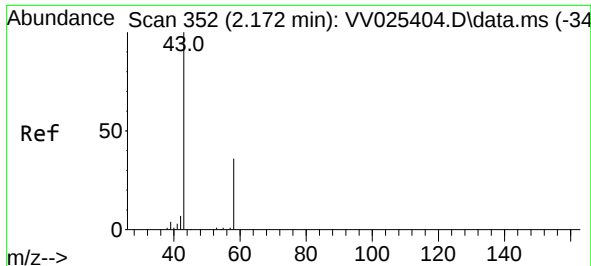
Tgt Ion:101 Resp: 409479
 Ion Ratio Lower Upper
 101 100
 85 45.2 35.9 53.9
 151 69.8 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 21.291 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV025406.D
 Acq: 08 Apr 2022 12:57

Tgt Ion: 96 Resp: 408050
 Ion Ratio Lower Upper
 96 100
 61 173.7 125.2 232.4
 63 130.1 114.4 212.4





#13

Acetone

Concen: 246.283 ug/L

RT: 2.169 min Scan# 351

Delta R.T. -0.003 min

Lab File: VV025406.D

Acq: 08 Apr 2022 12:57

Instrument :

MSVOA_V

ClientSampleId :

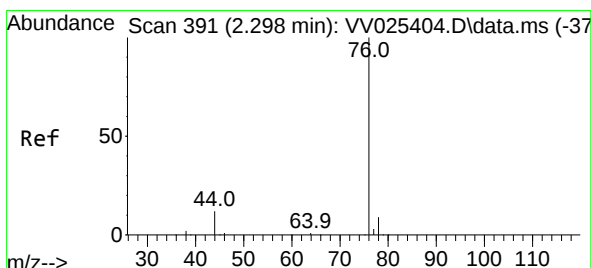
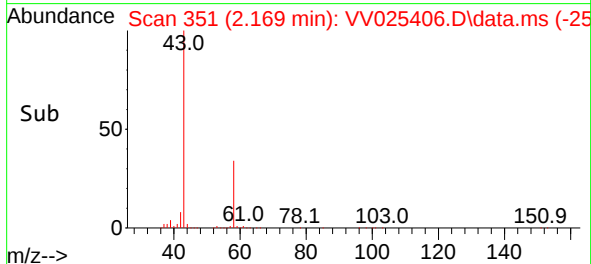
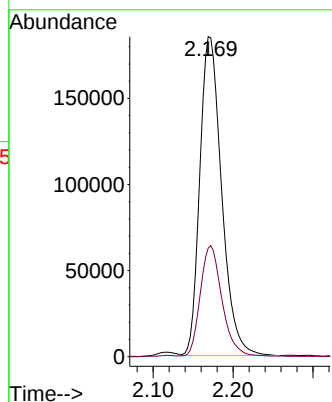
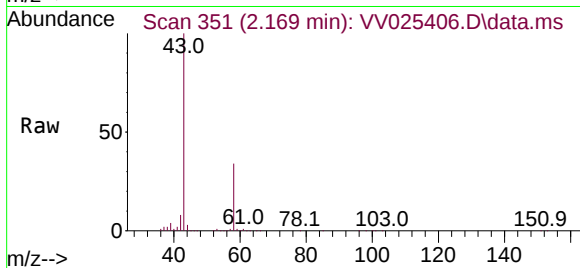
VSTD020235

Tgt Ion: 43 Resp: 351957

Ion Ratio Lower Upper

43 100

58 34.2 0.0 72.2



#14

Carbon disulfide

Concen: 24.527 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV025406.D

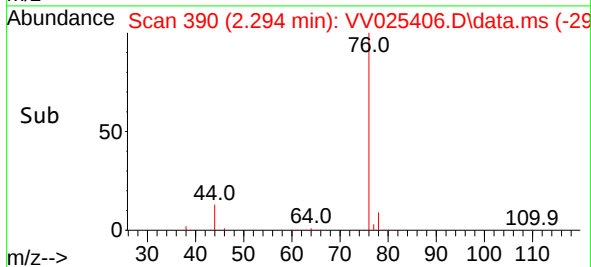
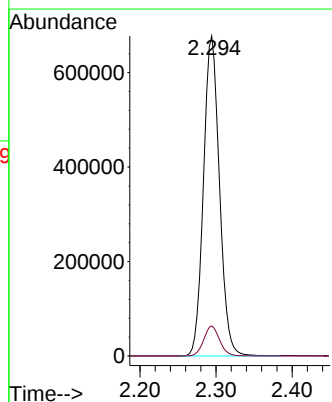
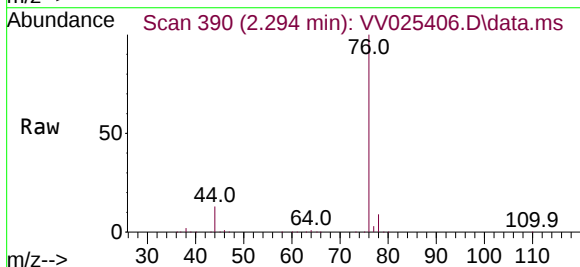
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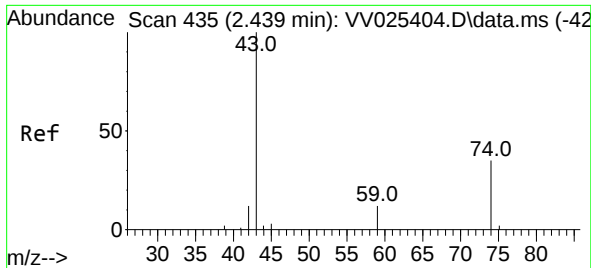
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Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

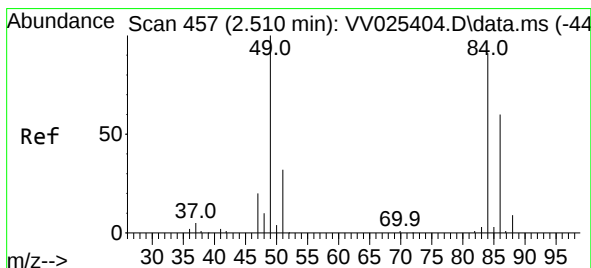
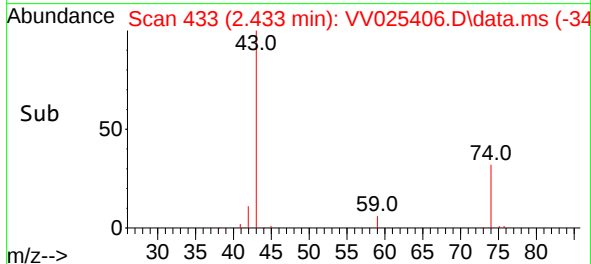
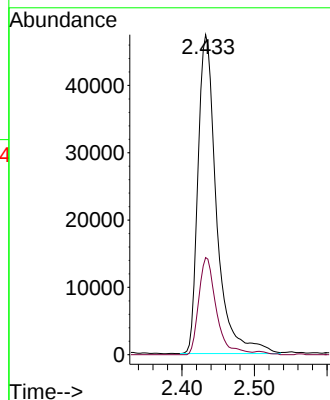
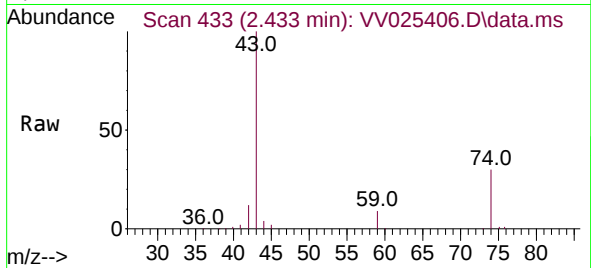




#15
Methyl Acetate
Concen: 26.158 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

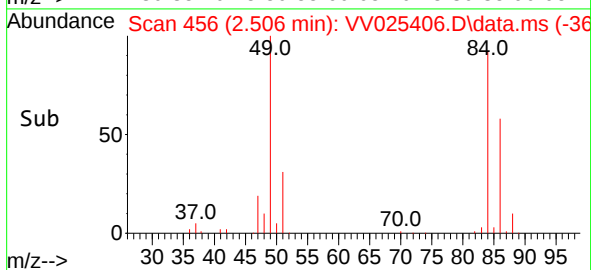
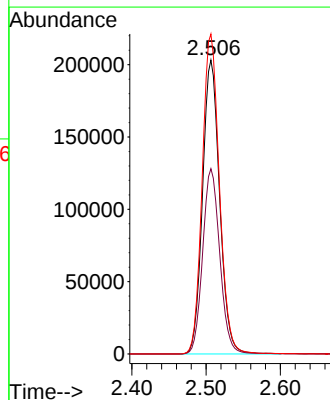
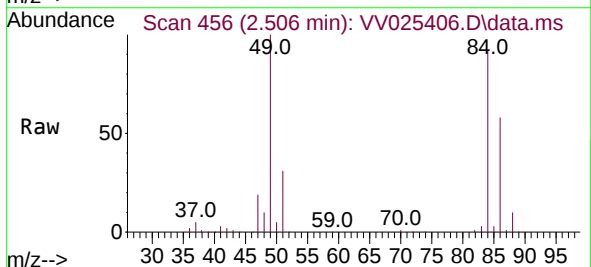
Instrument :
MSVOA_V
ClientSampleId :
VSTD020235

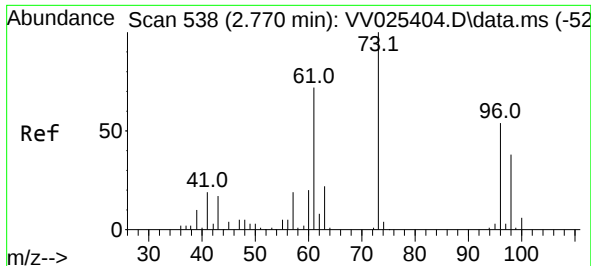
Tgt Ion: 43 Resp: 84234
Ion Ratio Lower Upper
43 100
74 28.8 25.2 37.8



#16
Methylene chloride
Concen: 20.935 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

Tgt Ion: 84 Resp: 324661
Ion Ratio Lower Upper
84 100
86 63.0 45.9 85.3
49 108.9 76.6 142.3

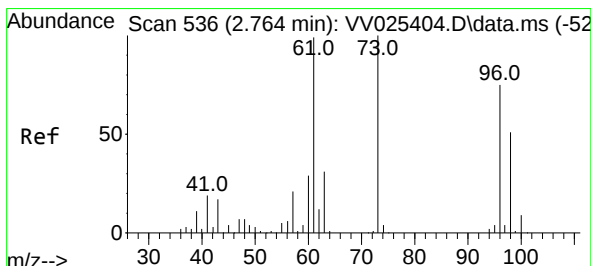
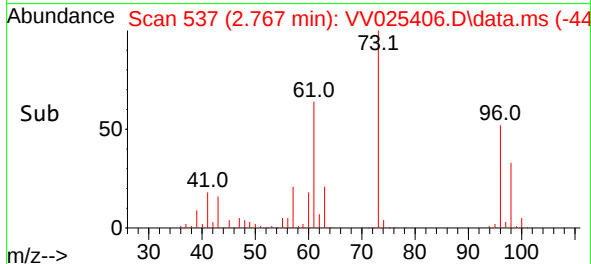
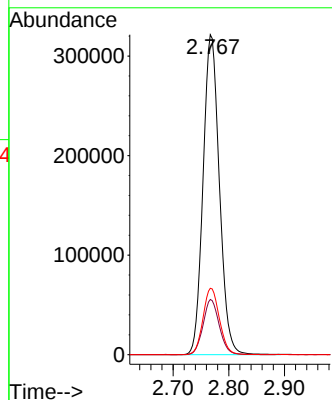
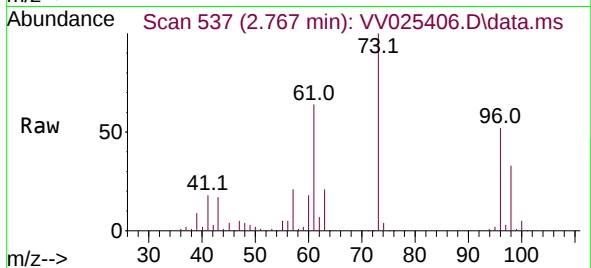




#17
Methyl tert-butyl Ether
Concen: 26.317 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

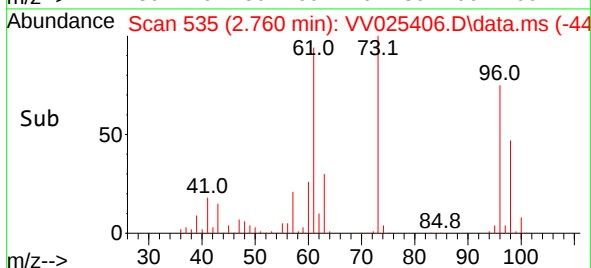
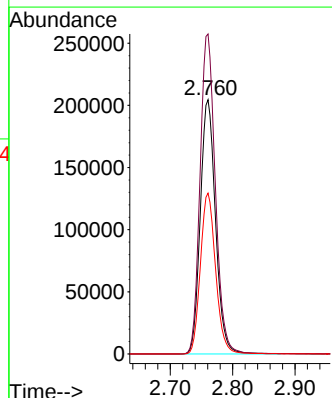
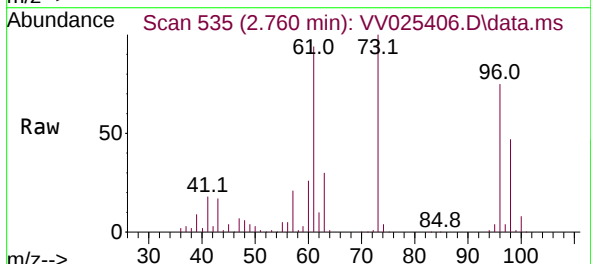
Instrument :
MSVOA_V
ClientSampleId :
VSTD020235

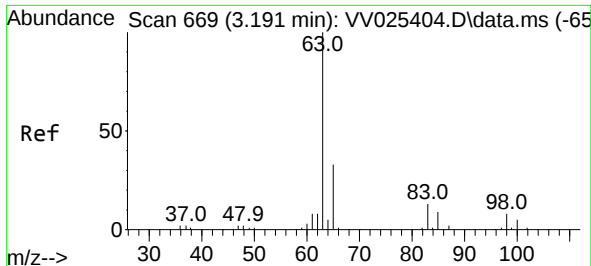
Tgt Ion: 73 Resp: 654409
Ion Ratio Lower Upper
73 100
43 17.1 14.2 21.4
57 20.9 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 24.811 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

Tgt Ion: 96 Resp: 347186
Ion Ratio Lower Upper
96 100
61 125.9 92.1 171.1
98 63.3 47.5 88.1





#19

1,1-Dichloroethane

Concen: 24.372 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV025406.D

Acq: 08 Apr 2022 12:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD020235

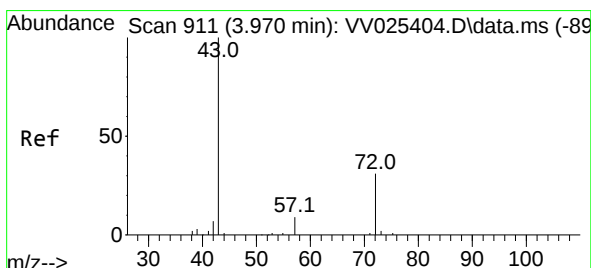
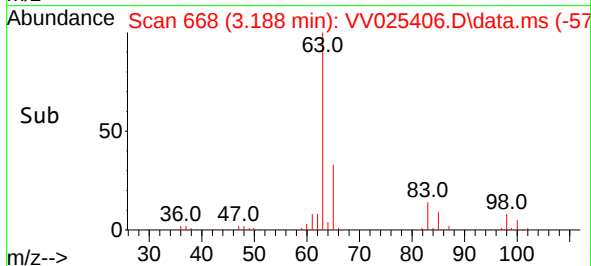
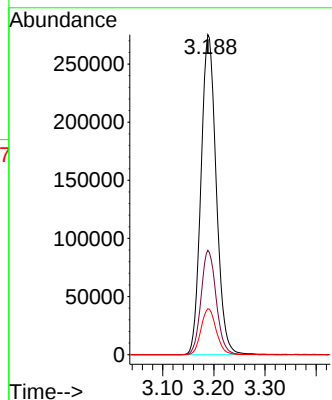
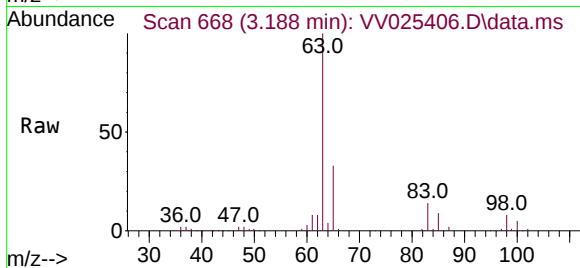
Tgt Ion: 63 Resp: 571241

Ion Ratio Lower Upper

63 100

65 32.6 23.2 43.0

83 14.3 9.0 16.8



#21

2-Butanone

Concen: 278.965 ug/L

RT: 3.960 min Scan# 908

Delta R.T. -0.010 min

Lab File: VV025406.D

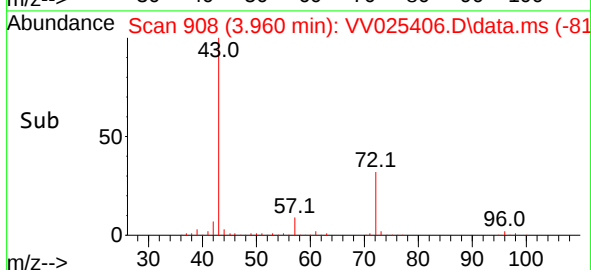
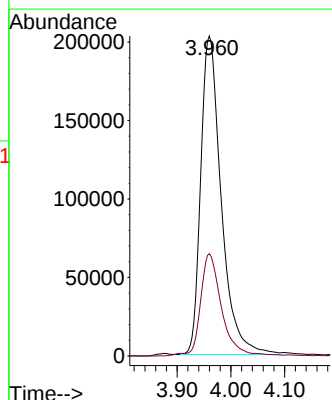
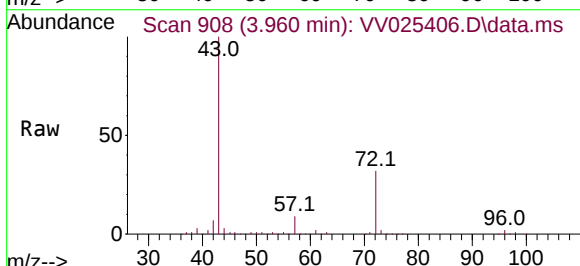
Acq: 08 Apr 2022 12:57

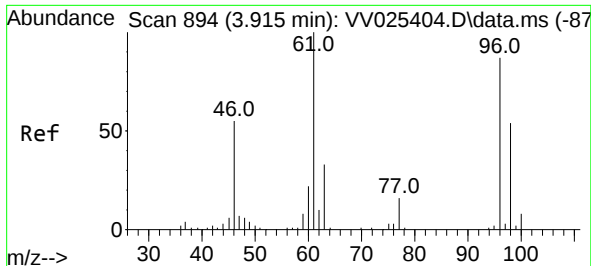
Tgt Ion: 43 Resp: 537820

Ion Ratio Lower Upper

43 100

72 31.8 15.2 45.6

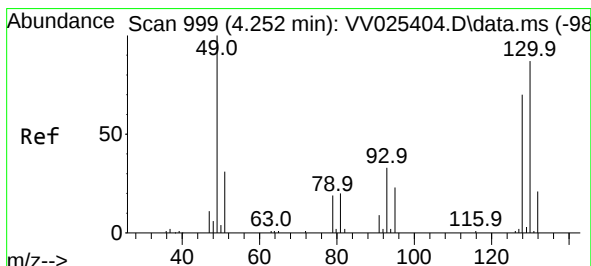
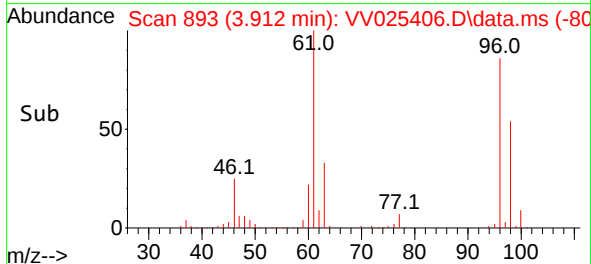
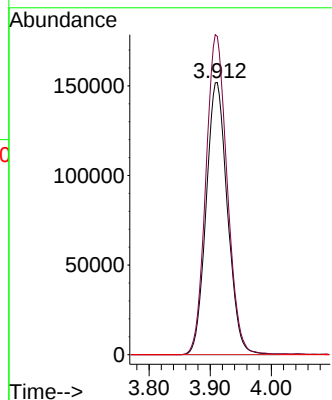
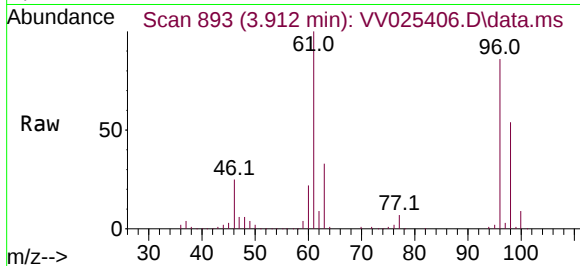




#22
 cis-1,2-Dichloroethene
 Concen: 25.423 ug/L
 RT: 3.912 min Scan# 894
 Delta R.T. -0.003 min
 Lab File: VV025406.D
 Acq: 08 Apr 2022 12:57

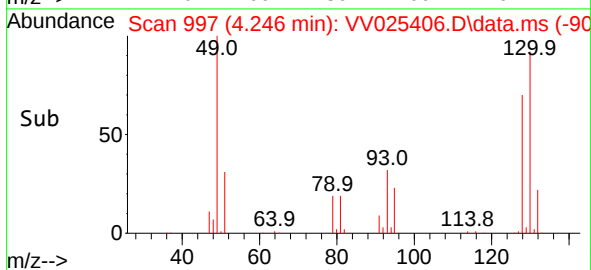
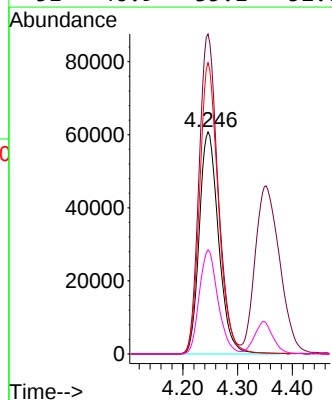
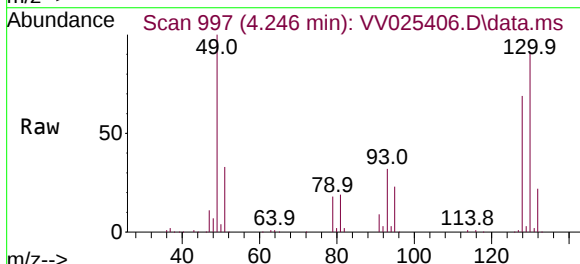
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020235

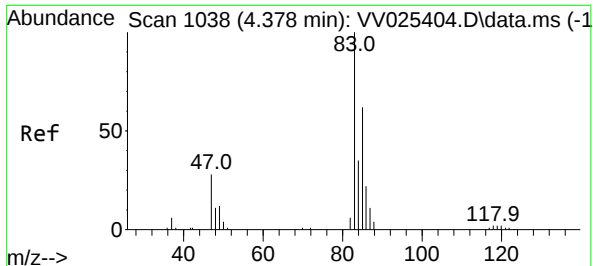
Tgt Ion: 96 Resp: 367860
 Ion Ratio Lower Upper
 96 100
 61 116.9 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 25.018 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.007 min
 Lab File: VV025406.D
 Acq: 08 Apr 2022 12:57

Tgt Ion: 128 Resp: 148365
 Ion Ratio Lower Upper
 128 100
 49 144.1 100.5 186.7
 130 131.1 87.8 163.0
 51 46.9 35.1 52.7





#25

Chloroform

Concen: 23.780 ug/L

RT: 4.375 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025406.D

Acq: 08 Apr 2022 12:57

Instrument :

MSVOA_V

ClientSampleId :

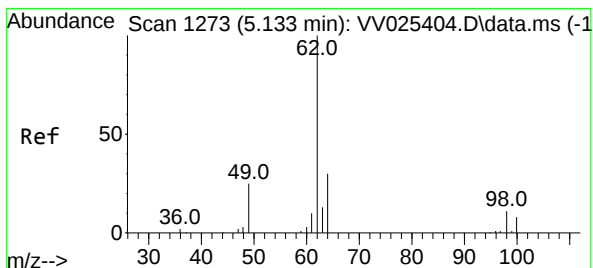
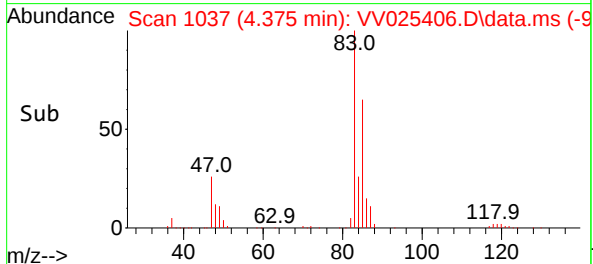
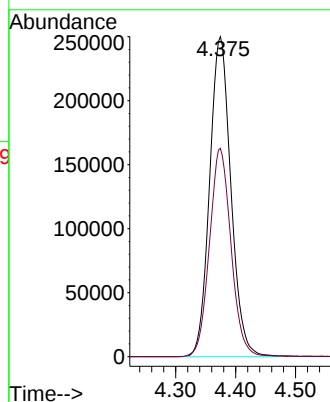
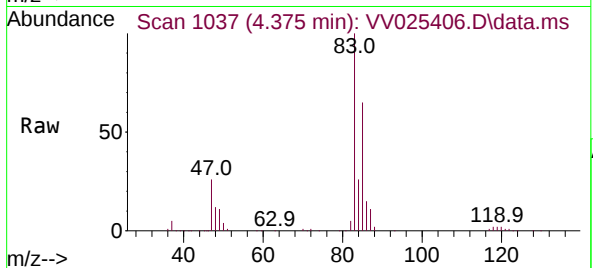
VSTD020235

Tgt Ion: 83 Resp: 616030

Ion Ratio Lower Upper

83 100

85 65.1 43.5 80.7



#27

1,2-Dichloroethane

Concen: 24.378 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.007 min

Lab File: VV025406.D

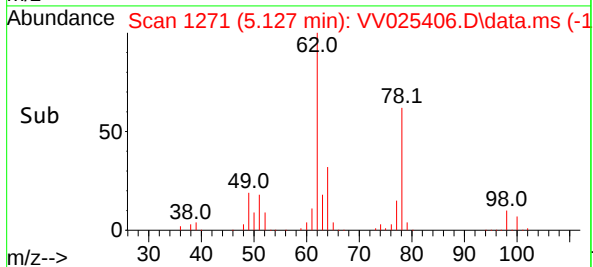
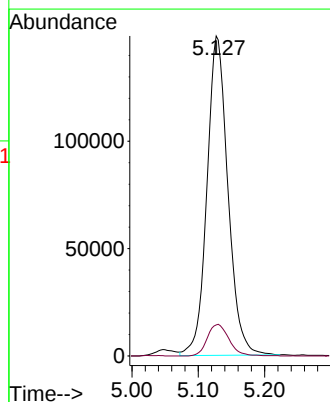
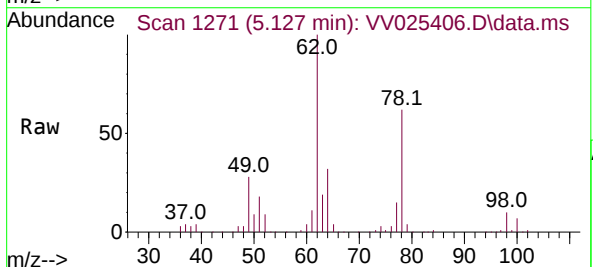
Acq: 08 Apr 2022 12:57

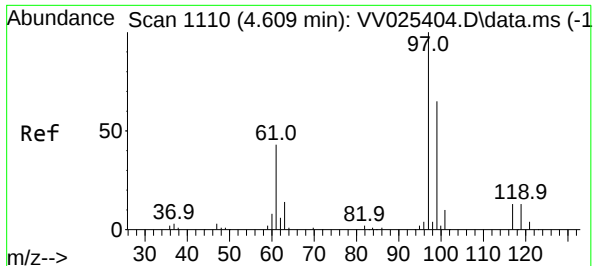
Tgt Ion: 62 Resp: 327156

Ion Ratio Lower Upper

62 100

98 9.7 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 24.056 ug/L

RT: 4.606 min Scan# 1110

Delta R.T. -0.003 min

Lab File: VV025406.D

Acq: 08 Apr 2022 12:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD020235

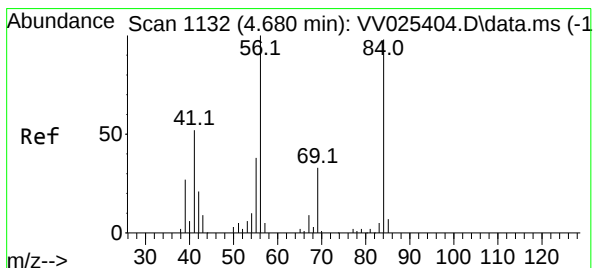
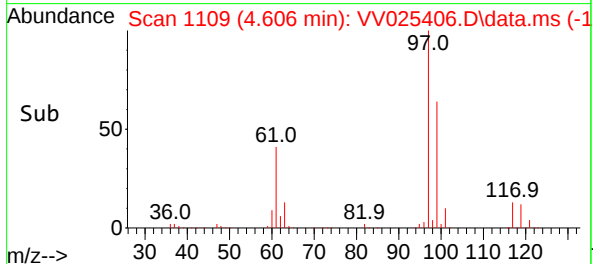
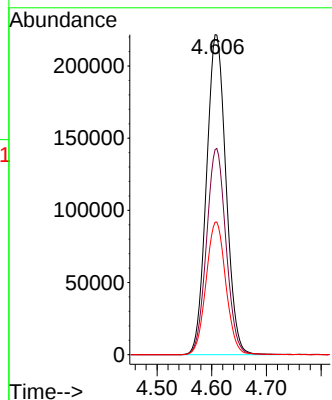
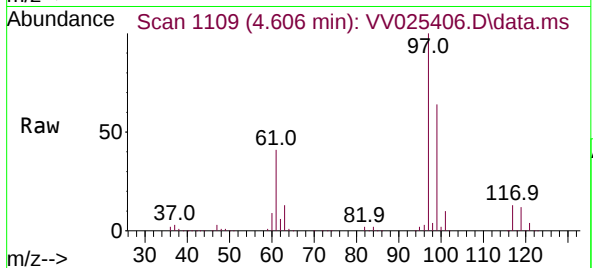
Tgt Ion: 97 Resp: 549526

Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

61 42.0 34.3 51.5



#30

Cyclohexane

Concen: 25.443 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV025406.D

Acq: 08 Apr 2022 12:57

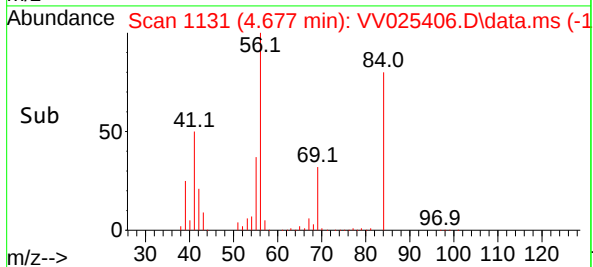
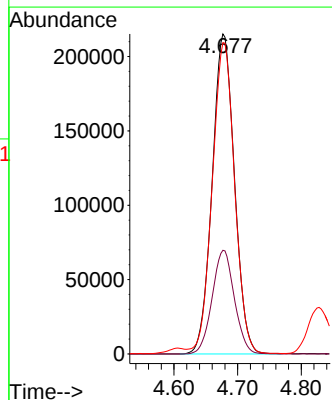
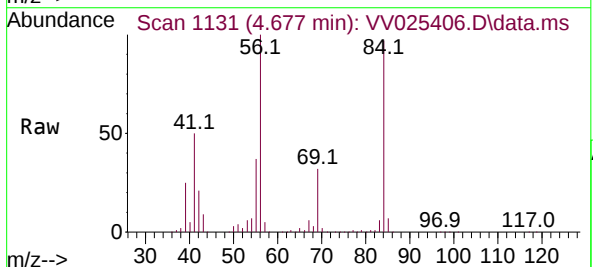
Tgt Ion: 56 Resp: 522900

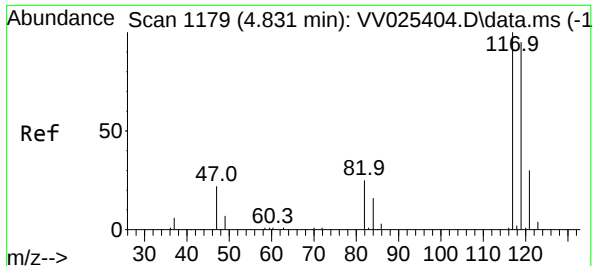
Ion Ratio Lower Upper

56 100

69 32.3 26.1 39.1

84 97.8 78.6 118.0

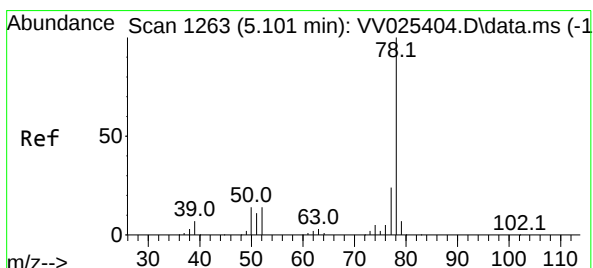
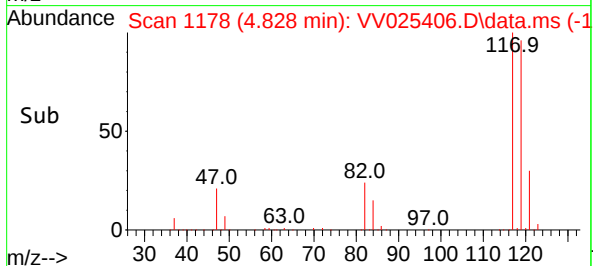
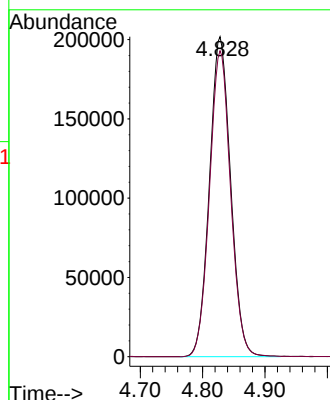
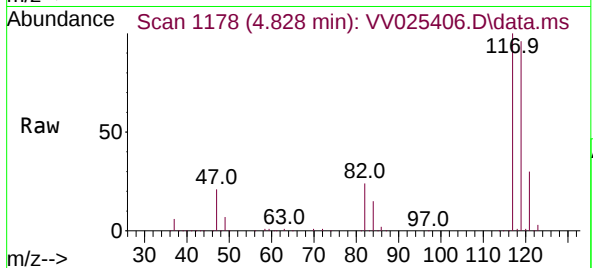




#31
Carbon tetrachloride
Concen: 24.148 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

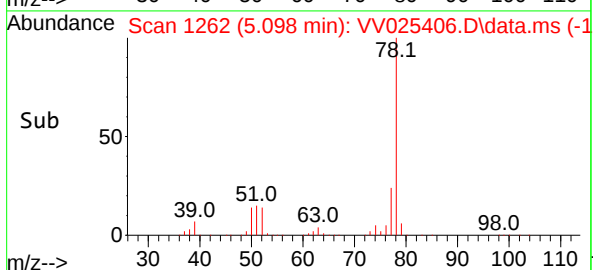
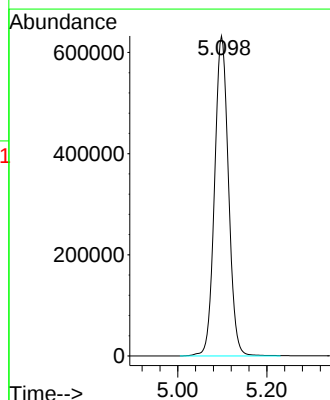
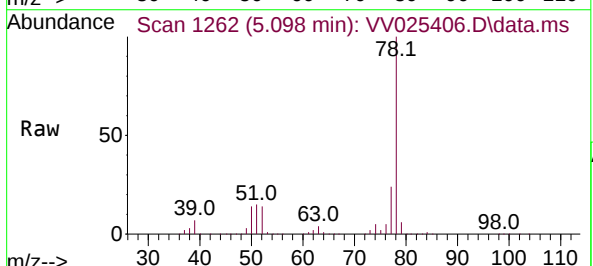
Instrument :
MSVOA_V
ClientSampleId :
VSTD020235

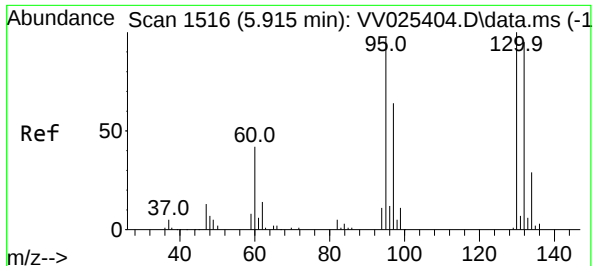
Tgt Ion:117 Resp: 475914
Ion Ratio Lower Upper
117 100
119 95.2 76.6 114.8



#33
Benzene
Concen: 24.482 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

Tgt Ion: 78 Resp: 1368726





#34

Trichloroethene

Concen: 24.120 ug/L

RT: 5.911 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025406.D

Acq: 08 Apr 2022 12:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD020235

Tgt Ion: 95 Resp: 371384

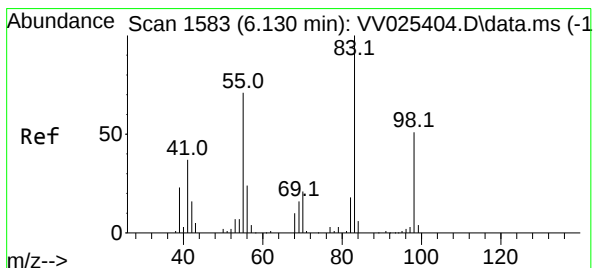
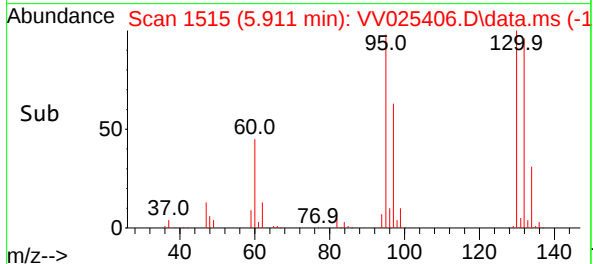
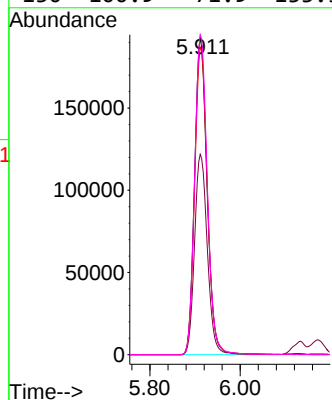
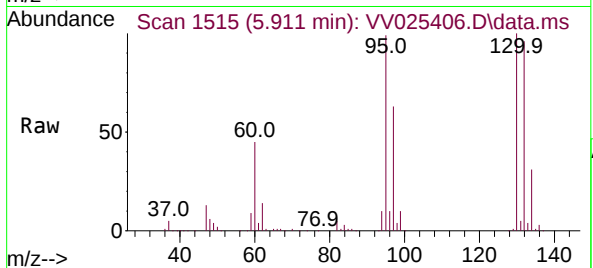
Ion Ratio Lower Upper

95 100

97 63.2 45.8 85.2

132 96.9 68.0 126.4

130 100.9 71.9 133.5



#35

Methylcyclohexane

Concen: 25.566 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.000 min

Lab File: VV025406.D

Acq: 08 Apr 2022 12:57

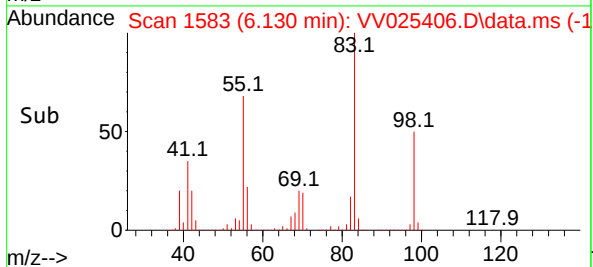
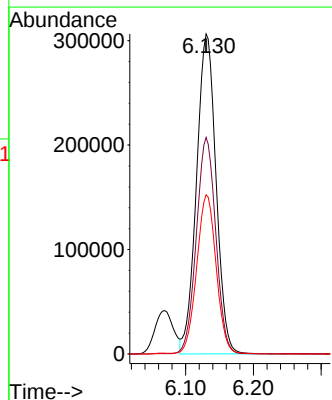
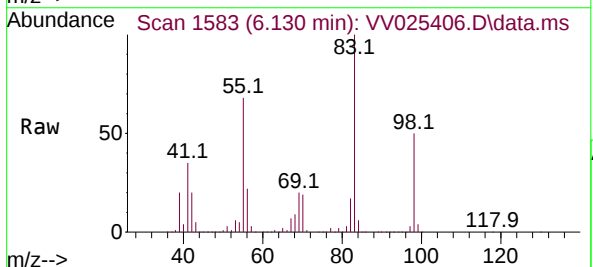
Tgt Ion: 83 Resp: 613228

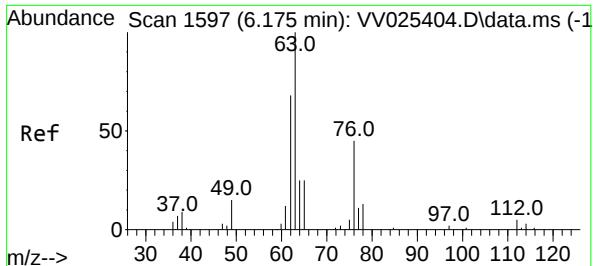
Ion Ratio Lower Upper

83 100

55 67.2 53.7 80.5

98 49.8 39.6 59.4





#37

1,2-Dichloropropane

Concen: 24.396 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025406.D

Acq: 08 Apr 2022 12:57

Instrument :

MSVOA_V

ClientSampleId :

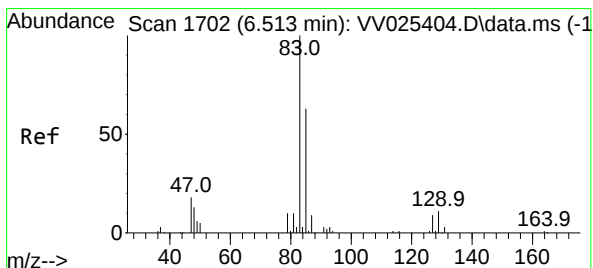
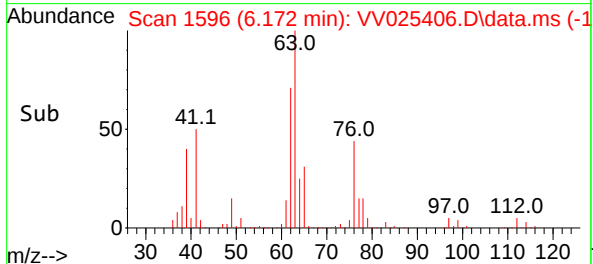
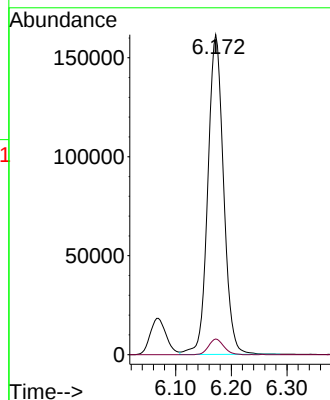
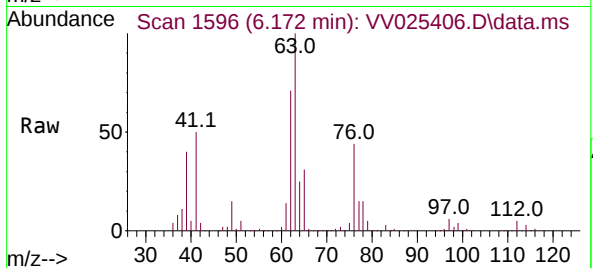
VSTD020235

Tgt Ion: 63 Resp: 316709

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 24.978 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.007 min

Lab File: VV025406.D

Acq: 08 Apr 2022 12:57

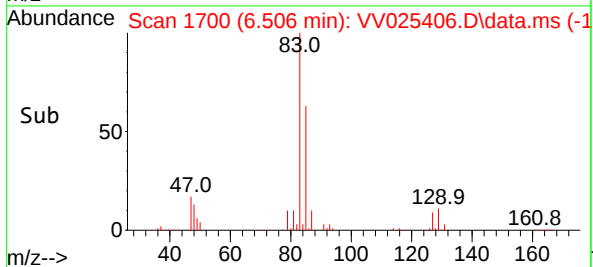
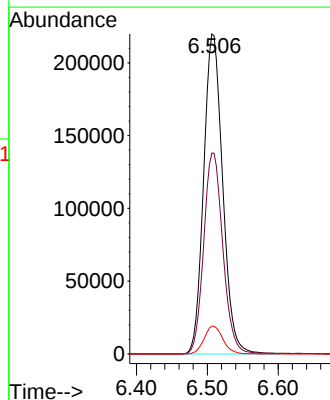
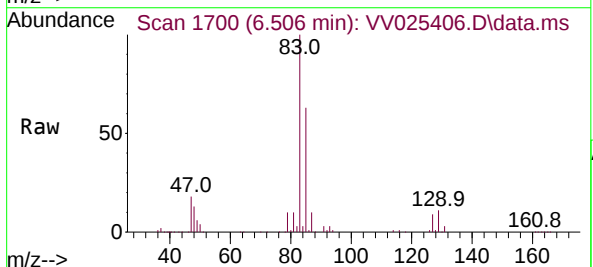
Tgt Ion: 83 Resp: 409754

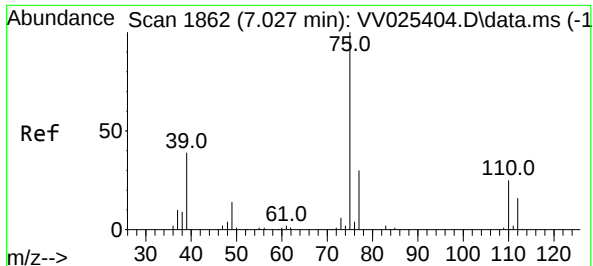
Ion Ratio Lower Upper

83 100

85 62.8 44.4 82.4

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 28.330 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV025406.D

Acq: 08 Apr 2022 12:57

Instrument :

MSVOA_V

ClientSampleId :

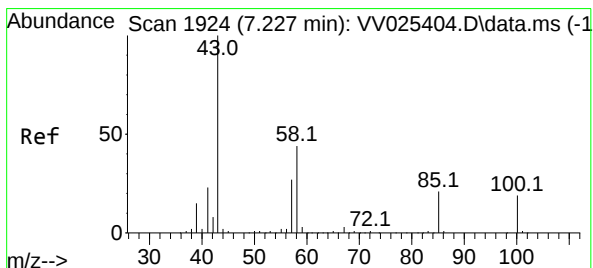
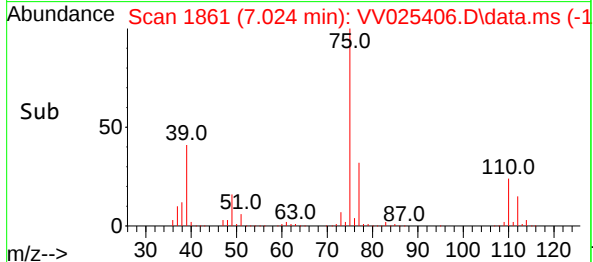
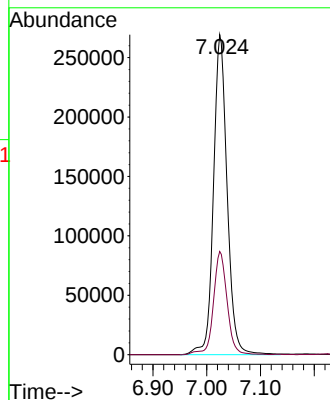
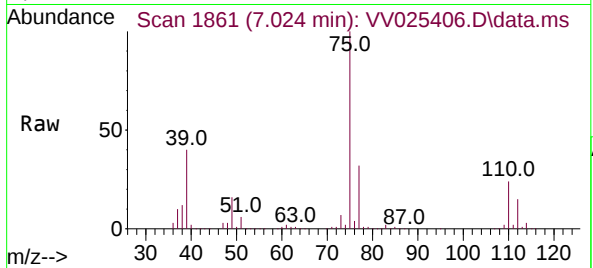
VSTD020235

Tgt Ion: 75 Resp: 475058

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 269.489 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV025406.D

Acq: 08 Apr 2022 12:57

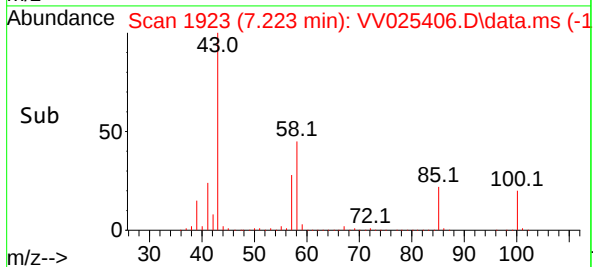
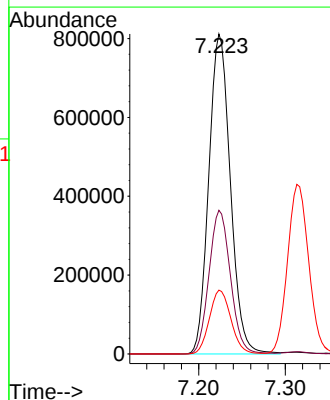
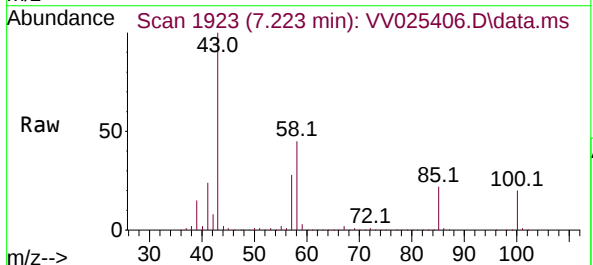
Tgt Ion: 43 Resp: 1402474

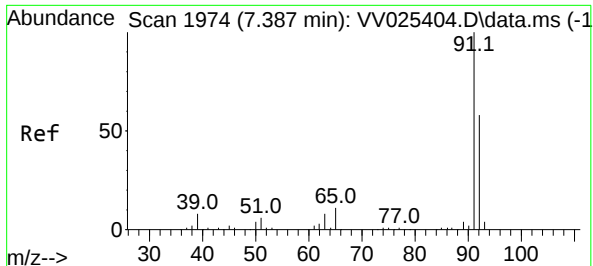
Ion Ratio Lower Upper

43 100

58 44.8 35.1 52.7

100 19.9 15.3 22.9

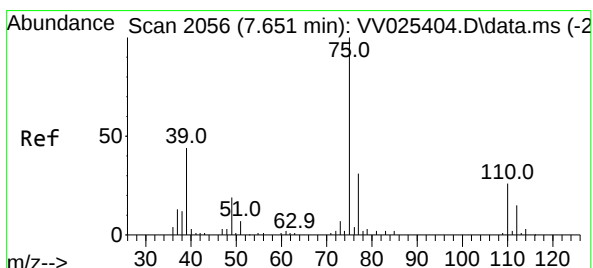
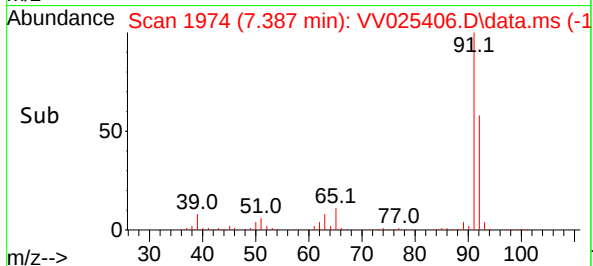
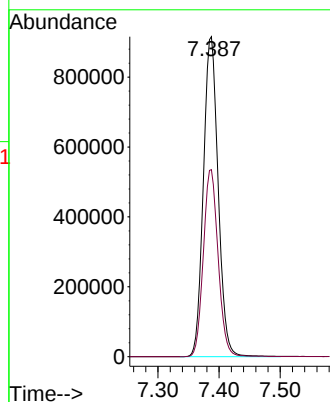
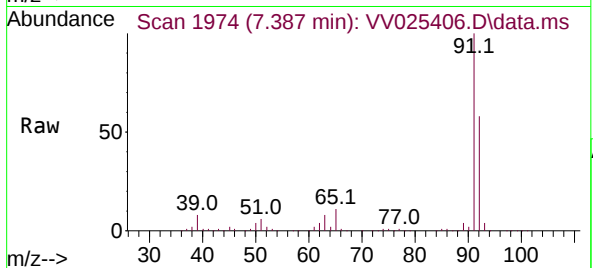




#42
Toluene
Concen: 25.814 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

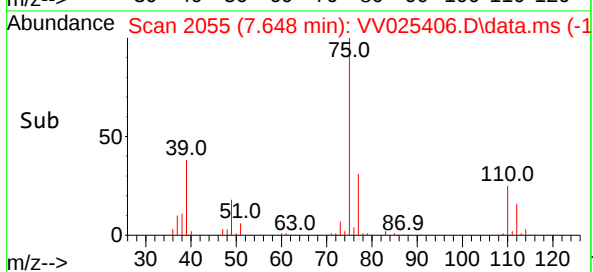
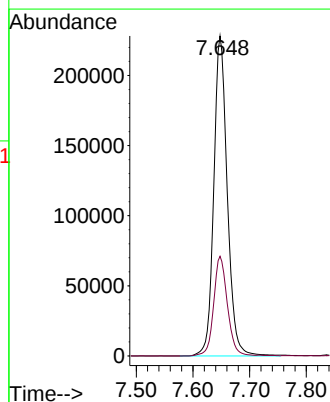
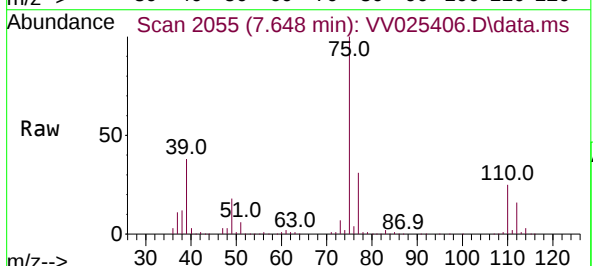
Instrument :
MSVOA_V
ClientSampleId :
VSTD020235

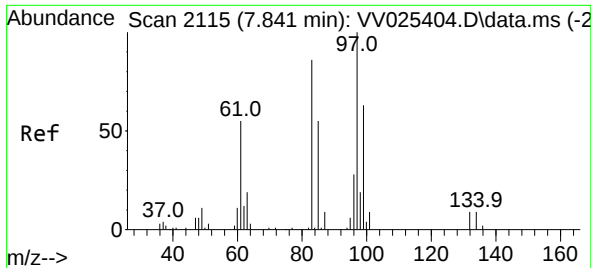
Tgt Ion: 91 Resp: 1535705
Ion Ratio Lower Upper
91 100
92 58.4 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 28.580 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

Tgt Ion: 75 Resp: 377907
Ion Ratio Lower Upper
75 100
77 31.1 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 24.340 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV025406.D

Acq: 08 Apr 2022 12:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD020235

Tgt Ion: 97 Resp: 215069

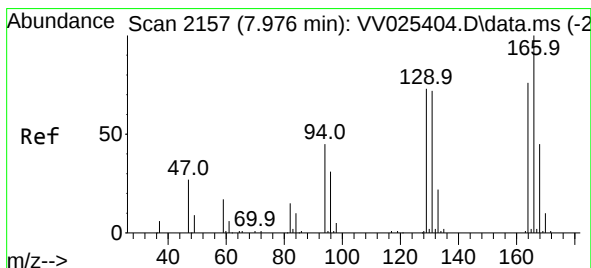
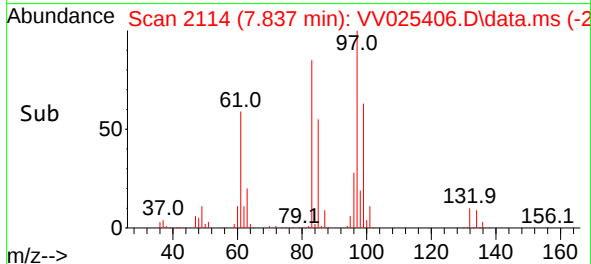
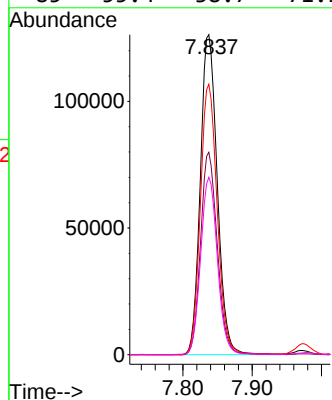
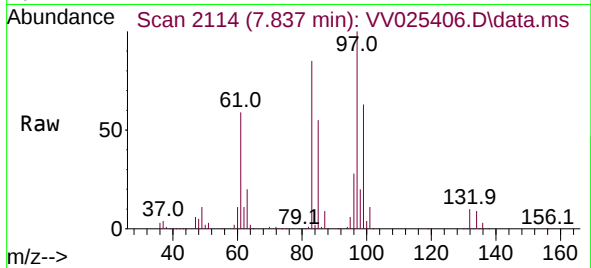
Ion Ratio Lower Upper

97 100

99 63.3 43.8 81.4

83 84.5 60.3 112.1

85 55.4 38.7 71.9



#47

Tetrachloroethene

Concen: 25.318 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV025406.D

Acq: 08 Apr 2022 12:57

Tgt Ion:164 Resp: 285945

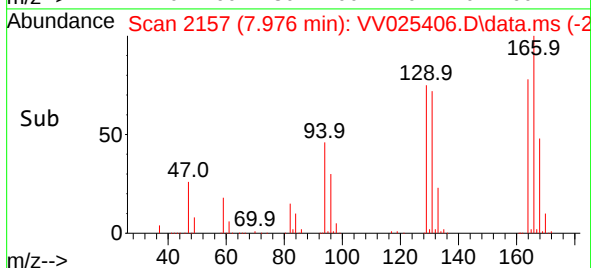
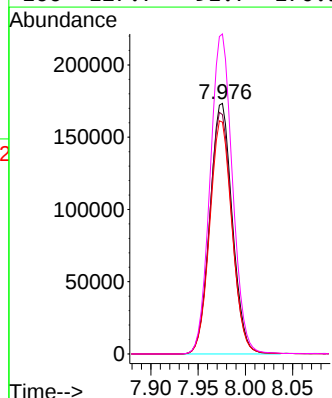
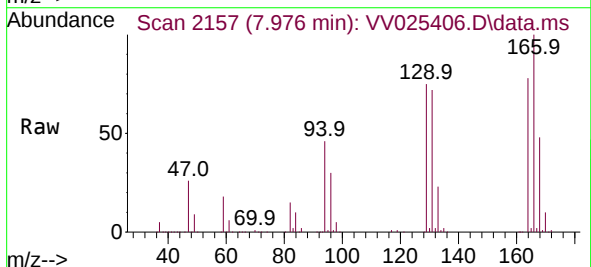
Ion Ratio Lower Upper

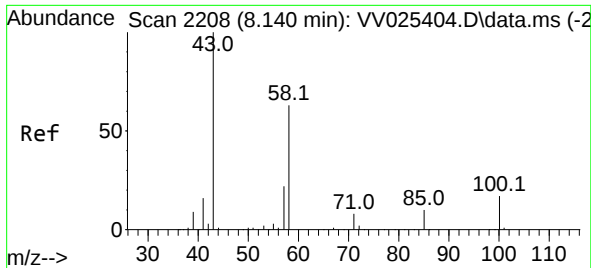
164 100

129 95.6 66.8 124.2

131 92.5 66.4 123.4

166 127.7 91.7 170.3



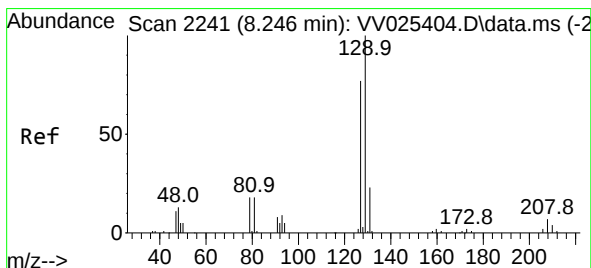
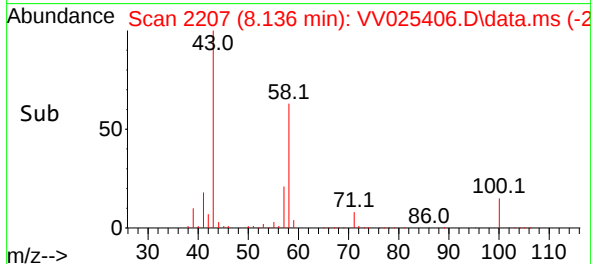
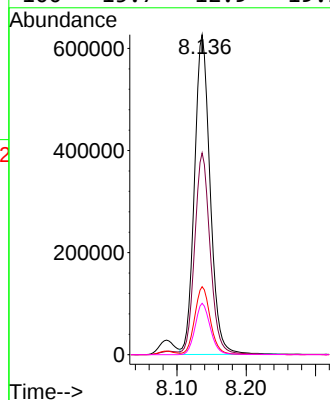
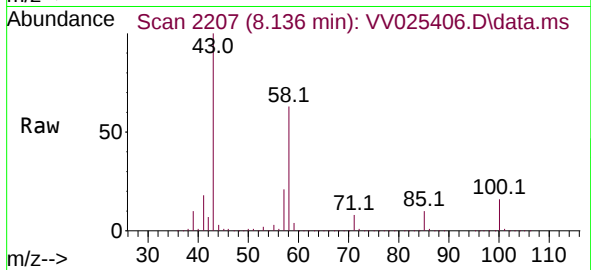


#48
2-Hexanone
Concen: 266.601 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD020235

Tgt Ion: 43 Resp: 985428

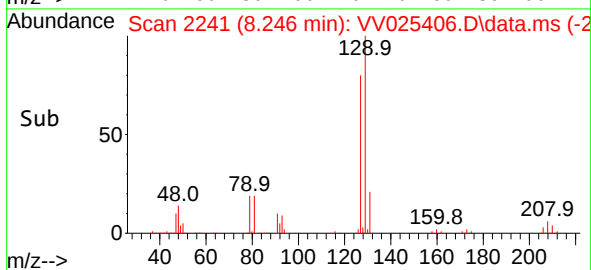
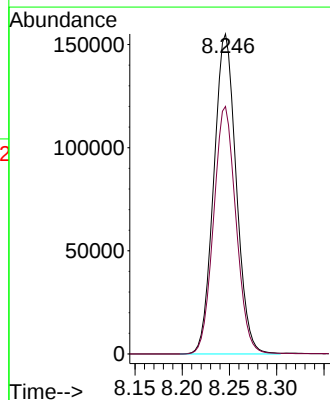
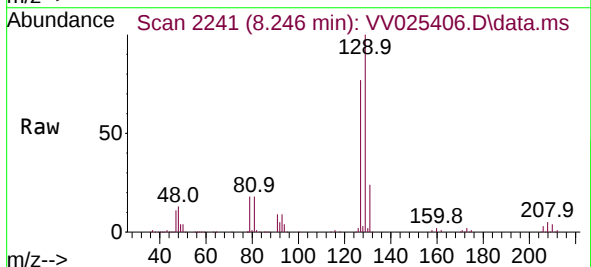
Ion	Ratio	Lower	Upper
43	100		
58	62.6	49.7	74.5
57	21.2	16.4	24.6
100	15.7	12.9	19.3

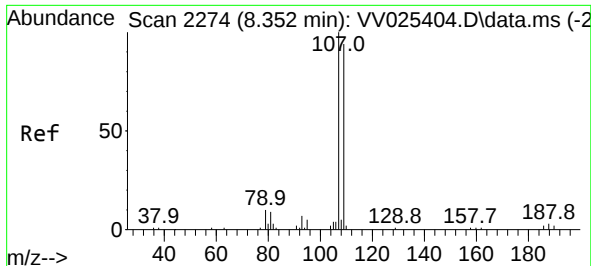


#49
Dibromochloromethane
Concen: 26.776 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

Tgt Ion: 129 Resp: 256035

Ion	Ratio	Lower	Upper
129	100		
127	77.3	53.8	100.0





#50

1,2-Dibromoethane

Concen: 24.492 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV025406.D

Acq: 08 Apr 2022 12:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD020235

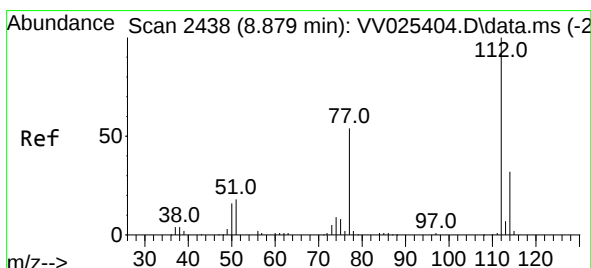
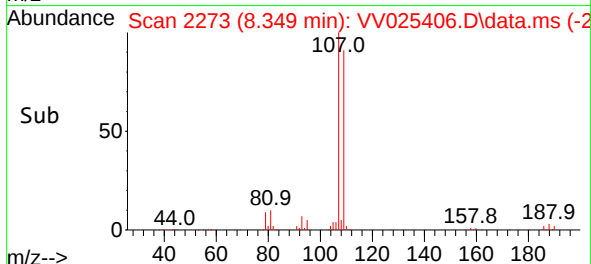
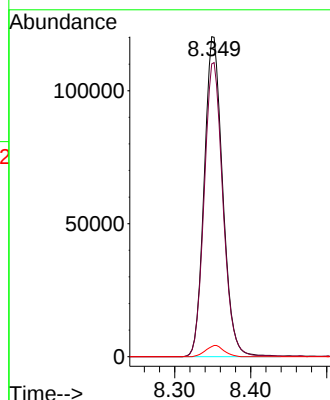
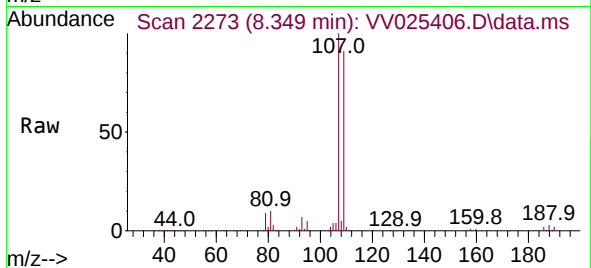
Tgt Ion:107 Resp: 202975

Ion Ratio Lower Upper

107 100

109 91.5 65.9 122.3

188 3.1 2.7 4.1



#51

Chlorobenzene

Concen: 24.943 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV025406.D

Acq: 08 Apr 2022 12:57

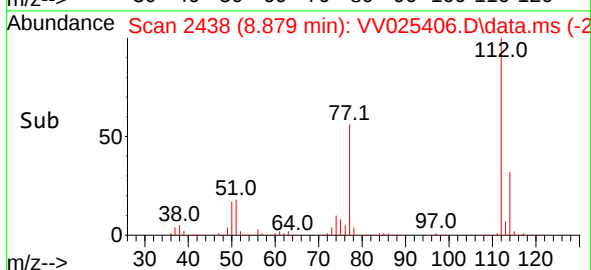
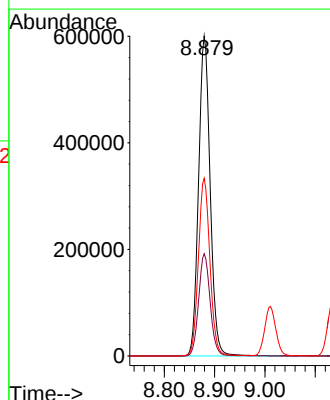
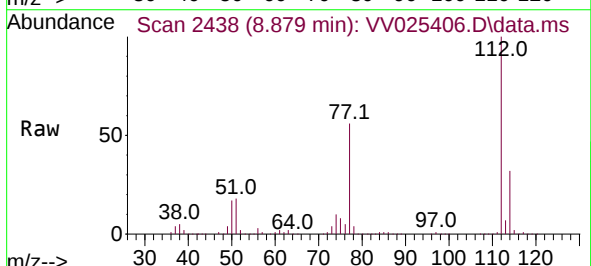
Tgt Ion:112 Resp: 961629

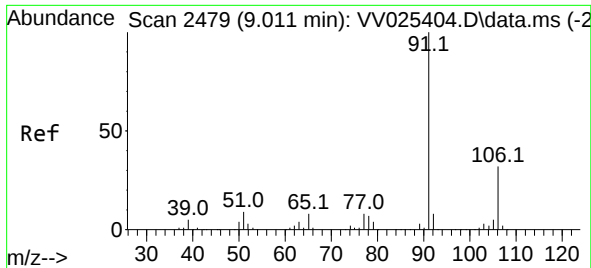
Ion Ratio Lower Upper

112 100

114 31.9 22.4 41.6

77 55.5 43.7 65.5

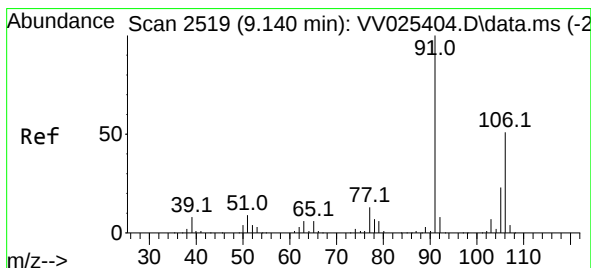
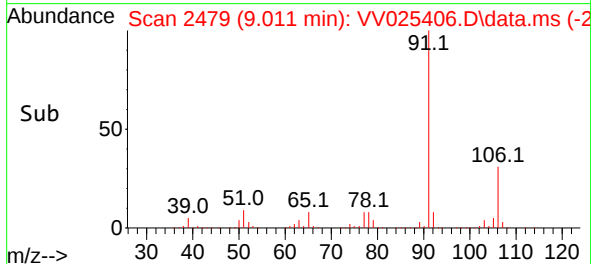
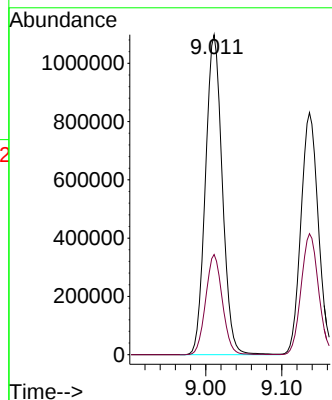
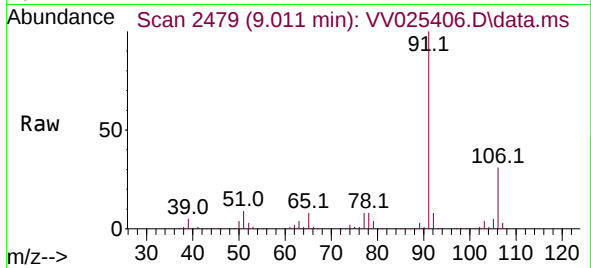




#52
Ethylbenzene
Concen: 26.737 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

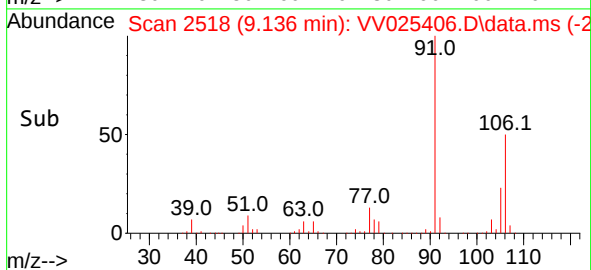
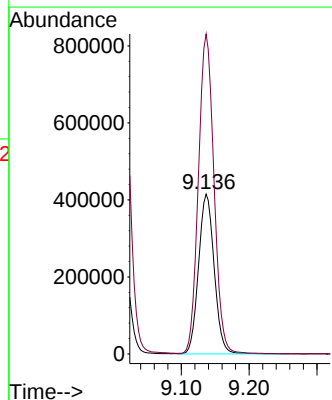
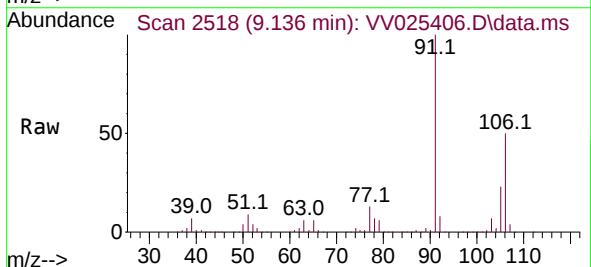
Instrument :
MSVOA_V
ClientSampleId :
VSTD020235

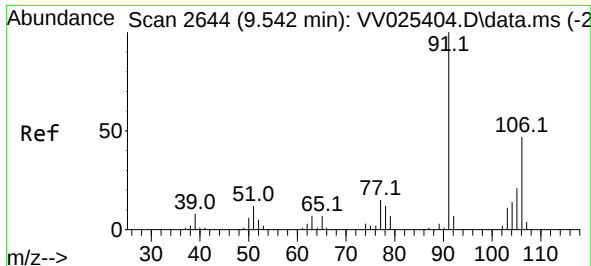
Tgt Ion: 91 Resp: 1688086
Ion Ratio Lower Upper
91 100
106 31.3 22.3 41.3



#53
m,p-Xylene
Concen: 26.956 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

Tgt Ion: 106 Resp: 662780
Ion Ratio Lower Upper
106 100
91 200.2 136.4 253.4

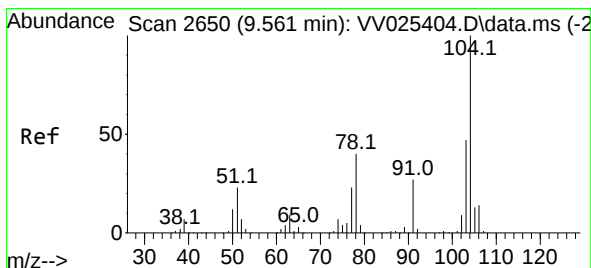
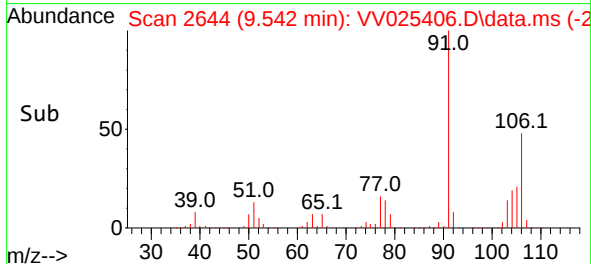
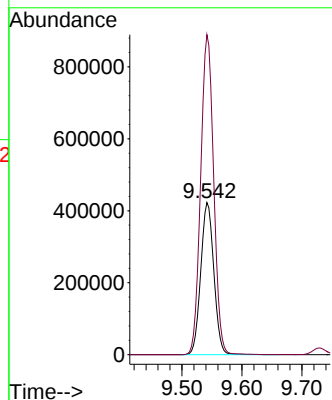
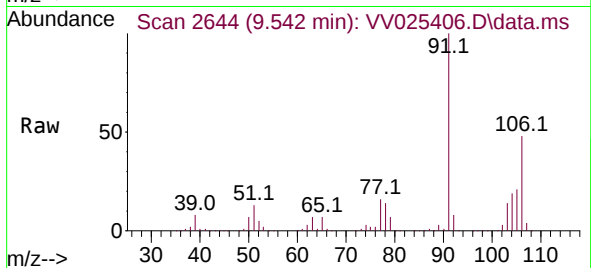




#54
o-Xylene
Concen: 27.435 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

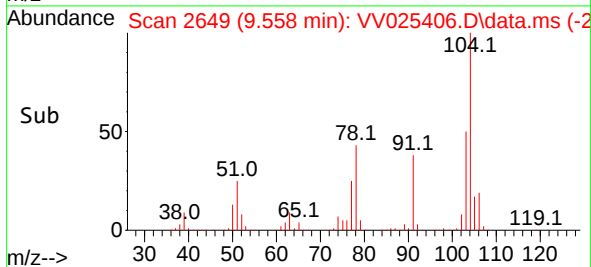
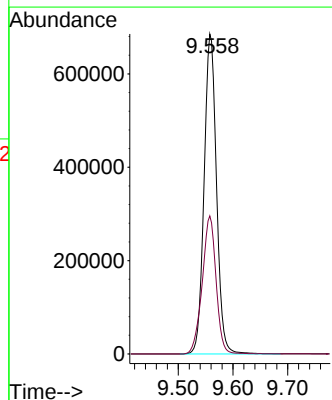
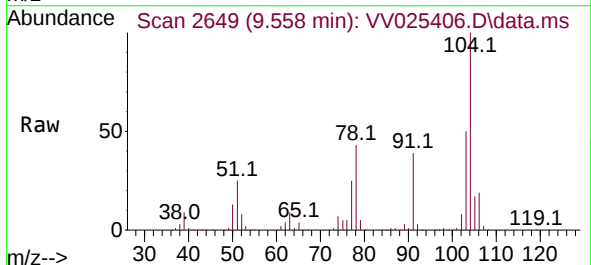
Instrument :
MSVOA_V
ClientSampleId :
VSTD020235

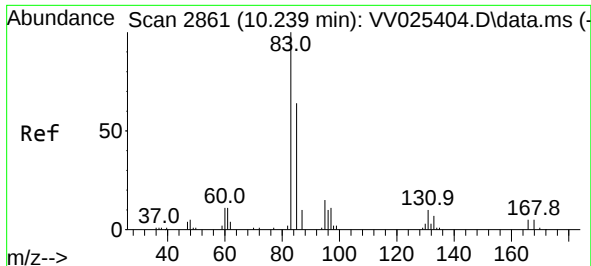
Tgt Ion:106 Resp: 642405
Ion Ratio Lower Upper
106 100
91 210.4 150.4 279.2



#55
Styrene
Concen: 28.036 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

Tgt Ion:104 Resp: 1077715
Ion Ratio Lower Upper
104 100
78 43.2 28.3 52.7

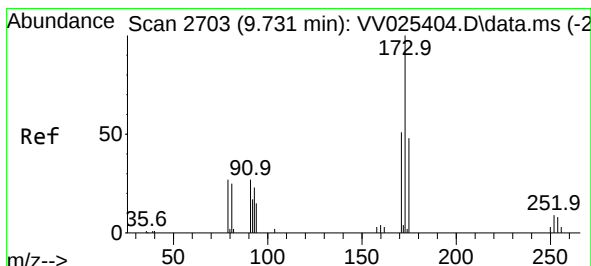
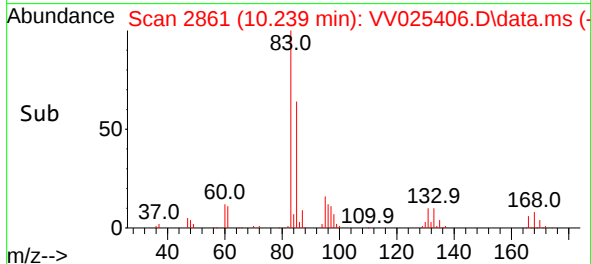
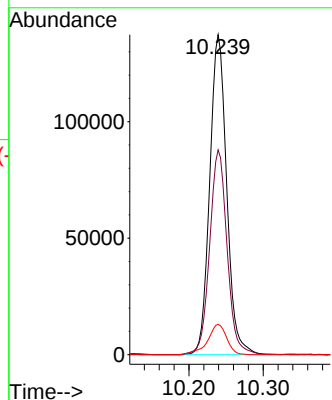
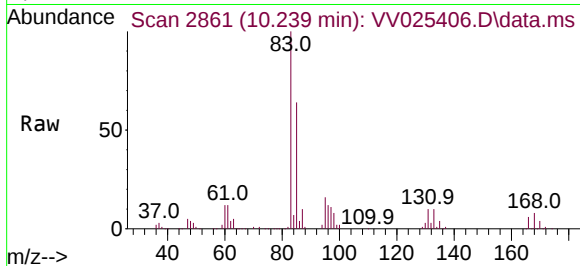




#57
1,1,2,2-Tetrachloroethane
Concen: 23.761 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

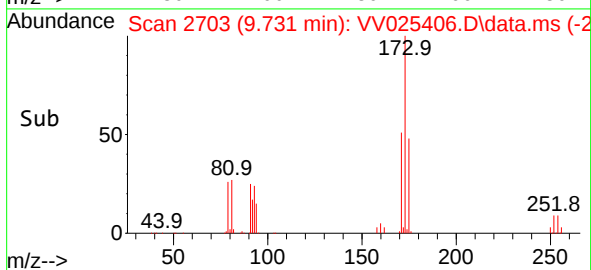
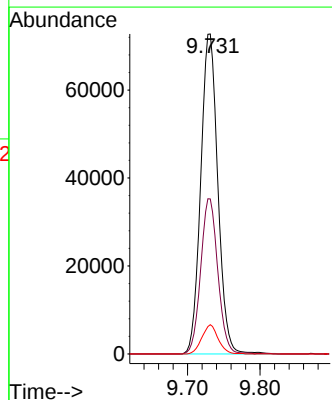
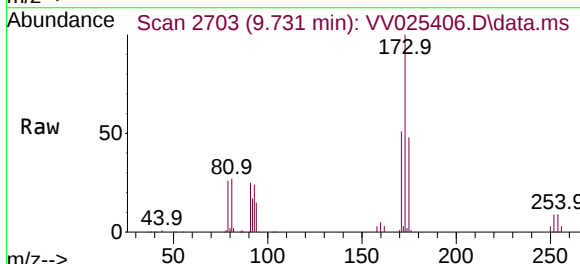
Instrument : MSVOA_V
ClientSampleId : VSTD020235

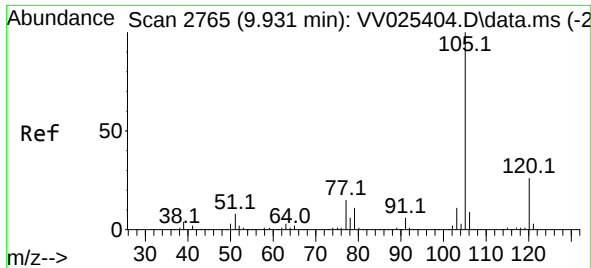
Tgt Ion: 83 Resp: 217415
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.9
131 9.5 7.9 11.9



#59
Bromoform
Concen: 27.476 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

Tgt Ion: 173 Resp: 119291
Ion Ratio Lower Upper
173 100
175 48.5 40.8 61.2
254 8.7 7.0 10.6

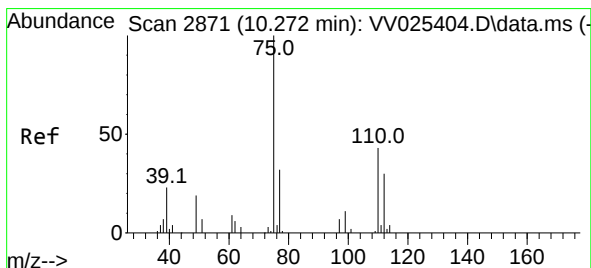
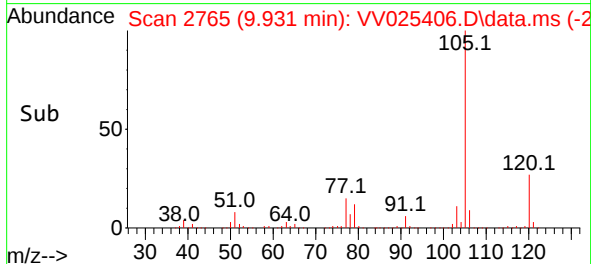
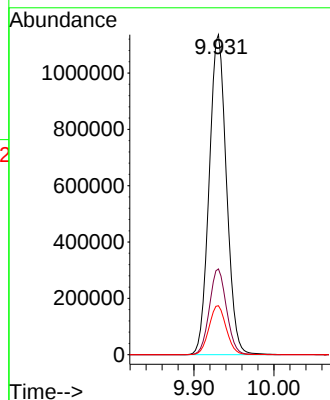
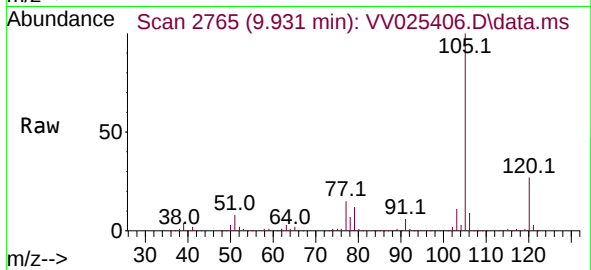




#60
Isopropylbenzene
Concen: 24.527 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

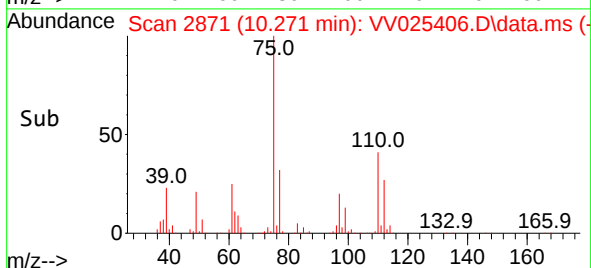
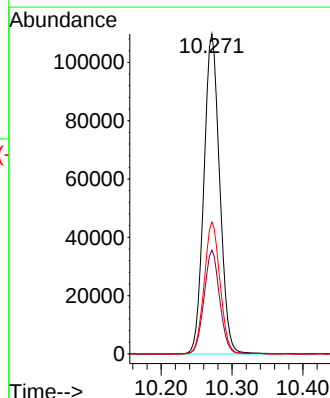
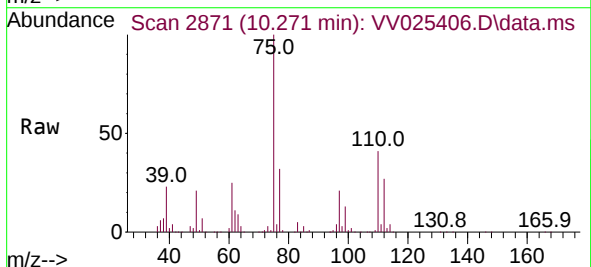
Instrument :
MSVOA_V
ClientSampleId :
VSTD020235

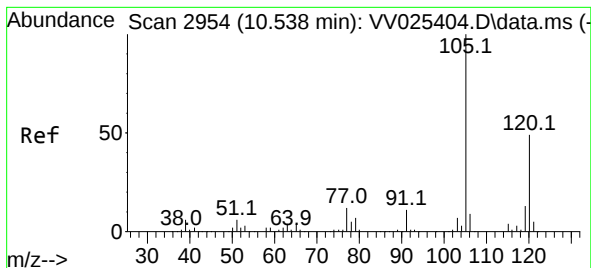
Tgt Ion:105 Resp: 1705761
Ion Ratio Lower Upper
105 100
120 26.6 21.2 31.8
77 15.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 21.515 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

Tgt Ion: 75 Resp: 169839
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
110 41.3 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 25.750 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV025406.D

Acq: 08 Apr 2022 12:57

Instrument :

MSVOA_V

ClientSampleId :

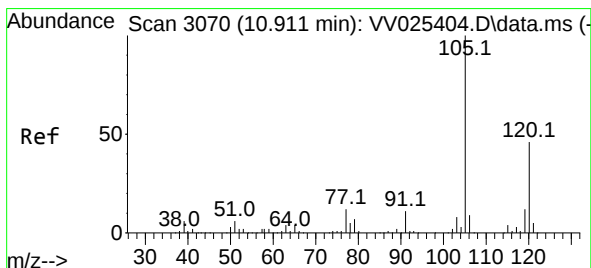
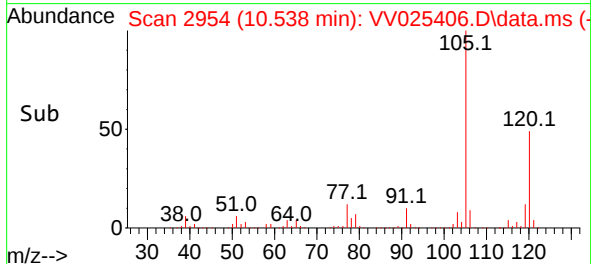
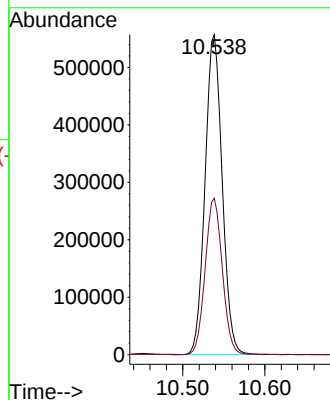
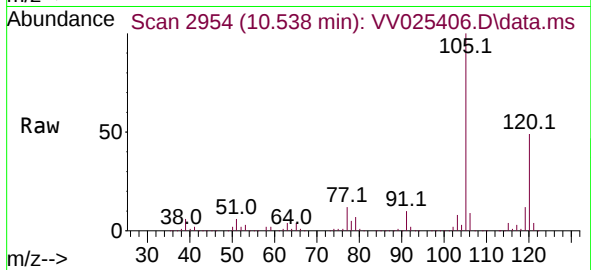
VSTD020235

Tgt Ion:105 Resp: 807712

Ion Ratio Lower Upper

105 100

120 49.2 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 26.165 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV025406.D

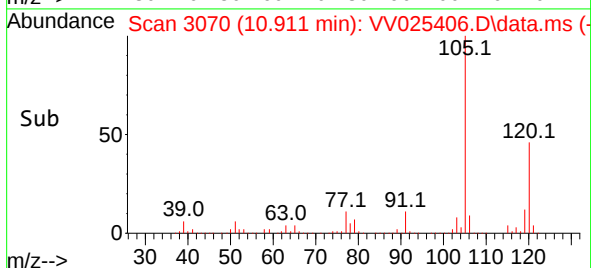
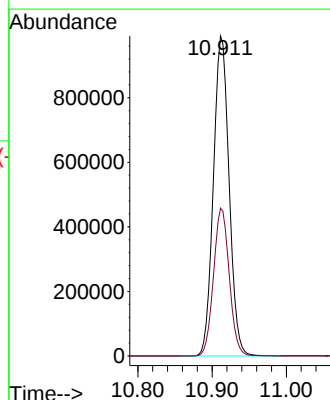
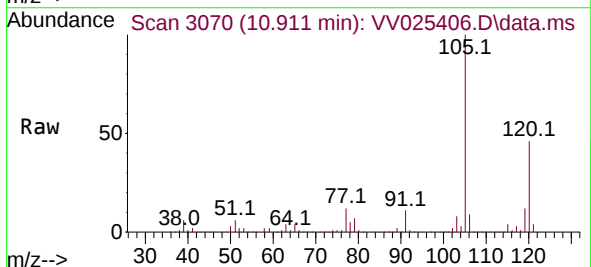
Acq: 08 Apr 2022 12:57

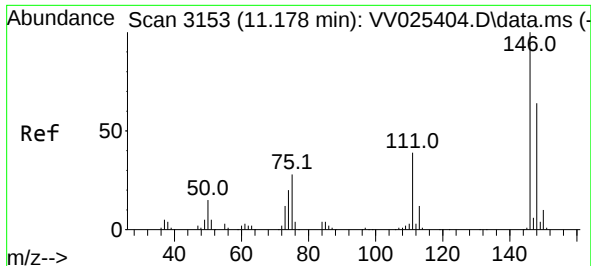
Tgt Ion:105 Resp: 1454458

Ion Ratio Lower Upper

105 100

120 46.3 36.6 55.0

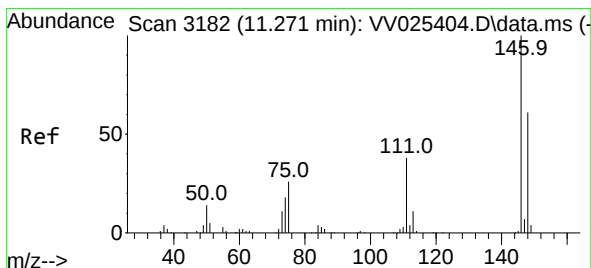
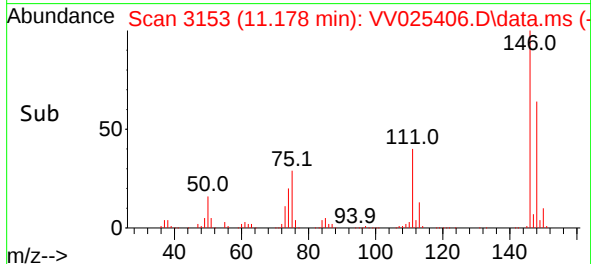
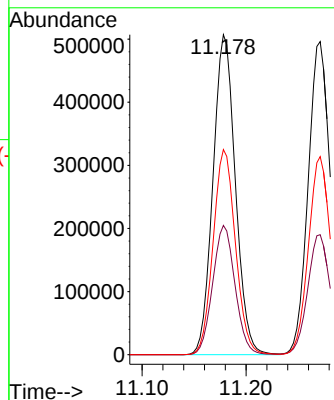
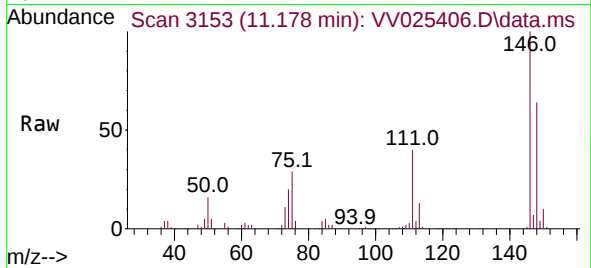




#64
1,3-Dichlorobenzene
Concen: 23.264 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

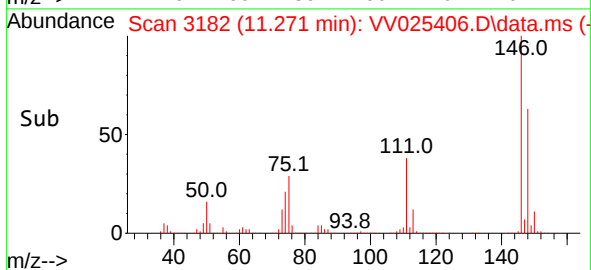
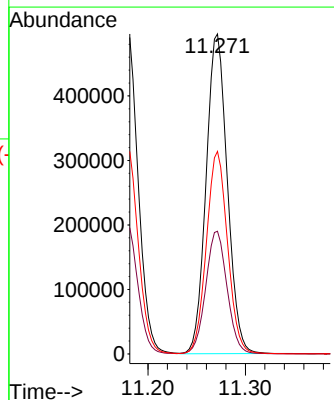
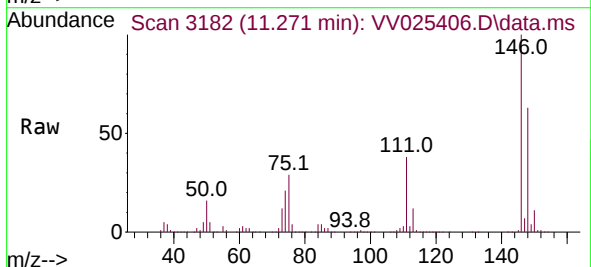
Instrument :
MSVOA_V
ClientSampleId :
VSTD020235

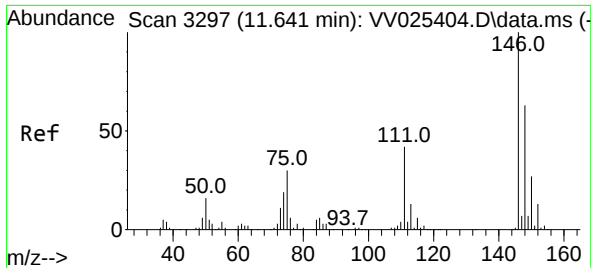
Tgt Ion:146 Resp: 759405
Ion Ratio Lower Upper
146 100
111 40.4 27.4 50.8
148 64.1 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 22.725 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

Tgt Ion:146 Resp: 747939
Ion Ratio Lower Upper
146 100
111 38.3 26.7 49.7
148 63.3 42.8 79.6

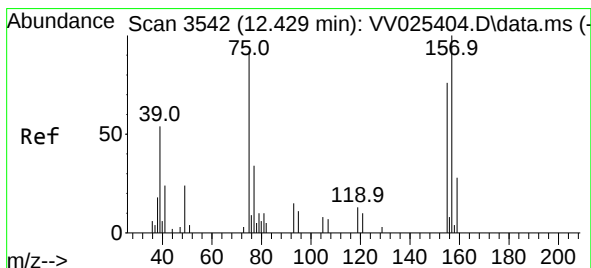
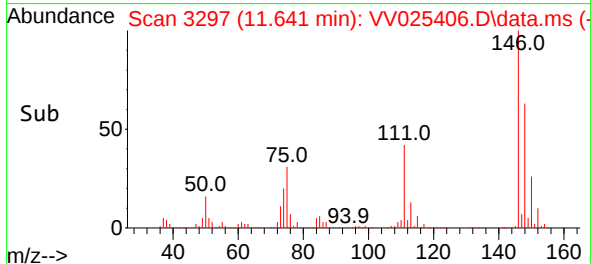
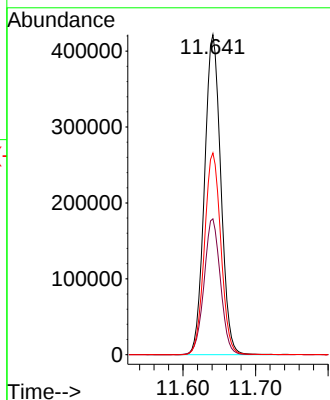
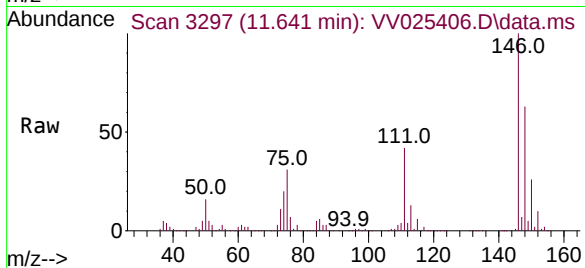




#67
1,2-Dichlorobenzene
Concen: 22.913 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

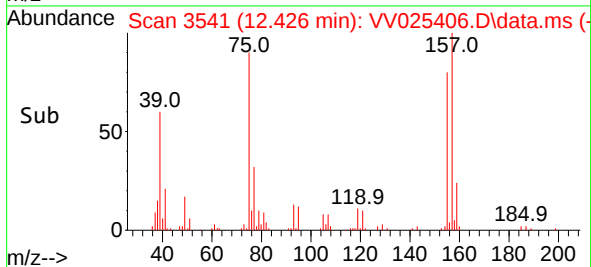
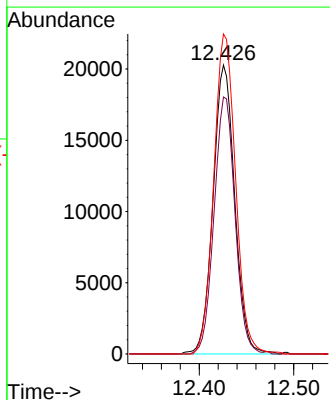
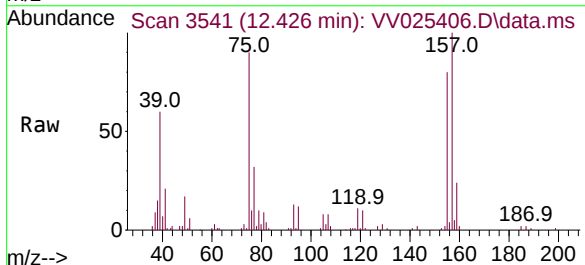
Instrument :
MSVOA_V
ClientSampleId :
VSTD020235

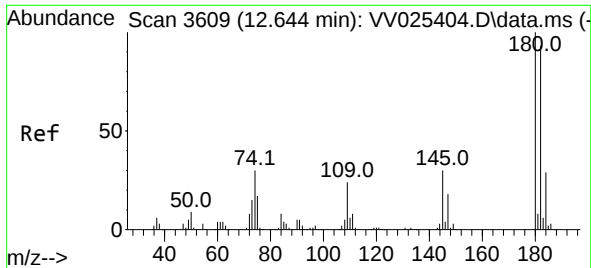
Tgt Ion:146 Resp: 657342
Ion Ratio Lower Upper
146 100
111 42.5 33.6 50.4
148 63.0 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 22.769 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

Tgt Ion: 75 Resp: 32309
Ion Ratio Lower Upper
75 100
155 88.9 65.8 98.8
157 110.7 86.6 130.0

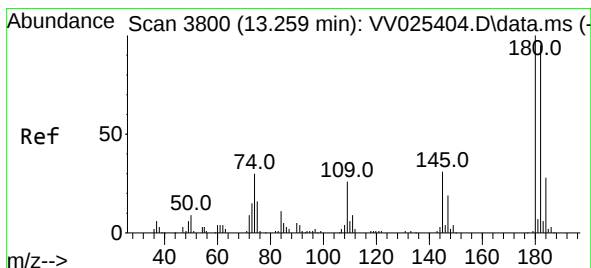
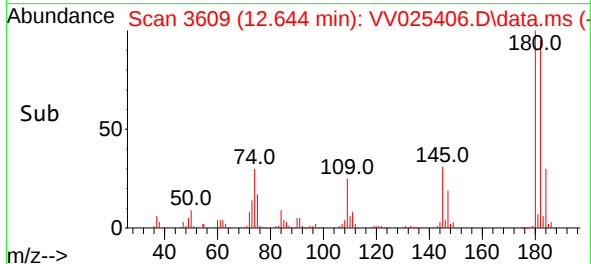
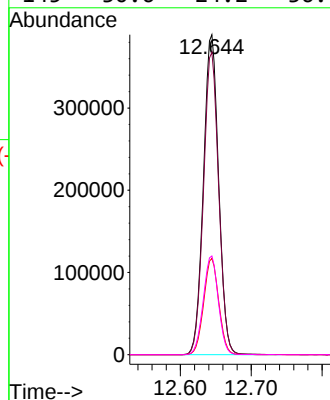
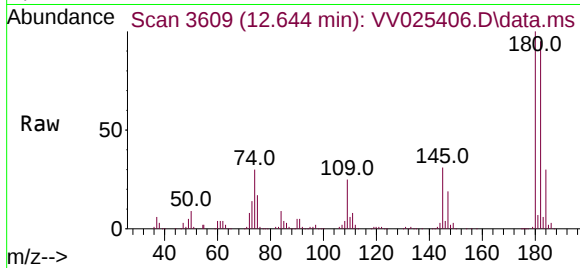




#69
 1,3,5-Trichlorobenzene
 Concen: 24.416 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV025406.D
 Acq: 08 Apr 2022 12:57

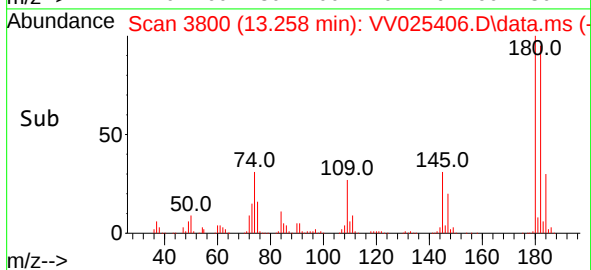
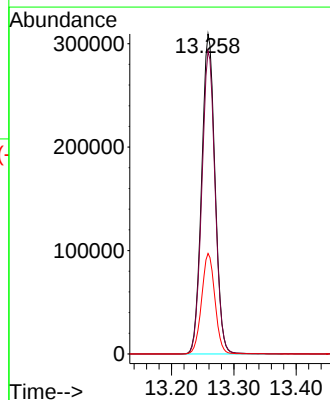
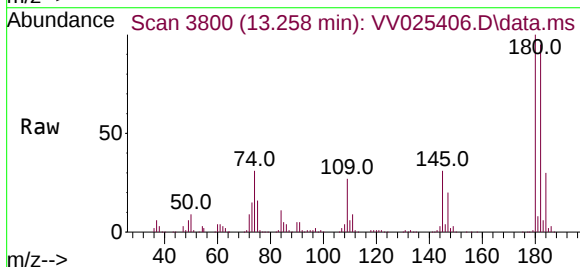
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020235

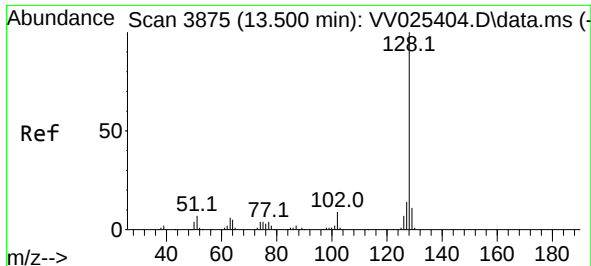
Tgt Ion:180 Resp: 579654
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.3 112.9
 184 29.8 23.4 35.2
 145 30.6 24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 25.703 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025406.D
 Acq: 08 Apr 2022 12:57

Tgt Ion:180 Resp: 461720
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.6 114.8
 145 31.2 24.6 36.8

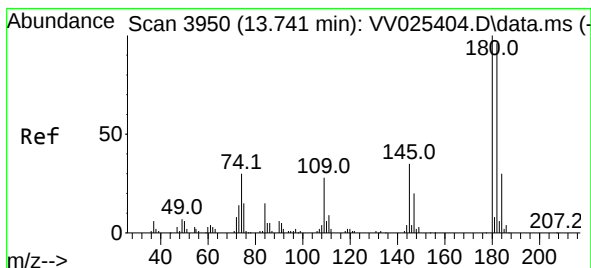
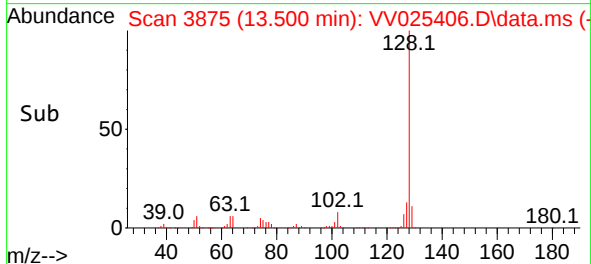
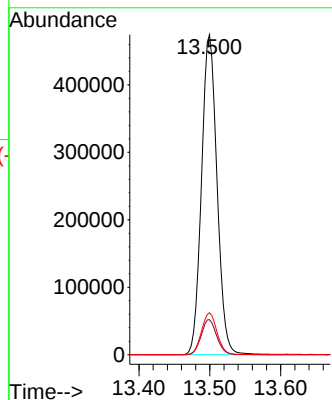
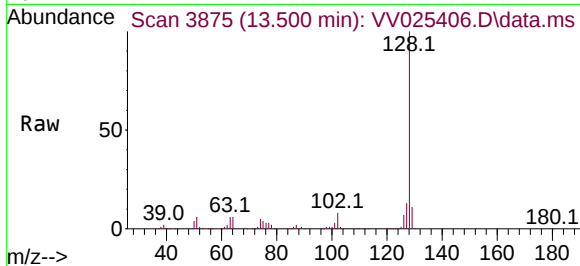




#71
Naphthalene
Concen: 25.977 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD020235

Tgt Ion:128 Resp: 722297
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 24.426 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025406.D
Acq: 08 Apr 2022 12:57

Tgt Ion:180 Resp: 376419
Ion Ratio Lower Upper
180 100
182 94.4 77.7 116.5
145 32.9 27.4 41.2

