

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051022\
 Data File : VV025860.D
 Acq On : 10 May 2022 12:37
 Operator : SY/MD
 Sample : VSTD20017
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200217

Quant Time: May 11 03:19:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 03:13:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	318340	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	333063	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	199379	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	831597	202.410	ug/L	0.00
7) Chloroethane-d5	1.571	69	742807	205.878	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	1436927	199.974	ug/L	0.00
21) 2-Butanone-d5	3.883	46	800934	451.525	ug/L	0.00
24) Chloroform-d	4.346	84	1179599	205.560	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	719684	207.513	ug/L	0.00
32) Benzene-d6	5.050	84	2431597	209.420	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	745417	209.022	ug/L	0.00
41) Toluene-d8	7.313	98	2336272	218.382	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	379990	238.697	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	655589	493.635	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	1022424	214.986	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	944526	215.965	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.134	85	613991	186.547	ug/L	100
3) Chloromethane	1.243	50	714829	179.579	ug/L	99
5) Vinyl chloride	1.314	62	763809	188.739	ug/L	100
6) Bromomethane	1.526	94	458588	186.486	ug/L	100
8) Chloroethane	1.587	64	575072	190.277	ug/L	99
9) Trichlorofluoromethane	1.751	101	1123847	195.414	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	566050	185.251	ug/L	98
12) 1,1-Dichloroethene	2.117	96	567951	188.984	ug/L	89
13) Acetone	2.182	43	422303	351.414	ug/L	99
14) Carbon disulfide	2.294	76	1441024	193.855	ug/L	100
15) Methyl Acetate	2.433	43	483982	187.992	ug/L	100
16) Methylene chloride	2.507	84	537246	184.559	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	508856	197.078	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	1555173	207.097	ug/L	99
19) 1,1-Dichloroethane	3.188	63	918191	190.391	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	570543	204.714	ug/L	100
22) 2-Butanone	3.966	43	658876	418.016	ug/L	96
23) Bromochloromethane	4.246	128	283369	192.493	ug/L	96
25) Chloroform	4.375	83	958904	187.636	ug/L	99
27) 1,2-Dichloroethane	5.127	62	732411	189.561	ug/L	99
29) Cyclohexane	4.677	56	855627	212.196	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	837261	185.098	ug/L	99
31) Carbon tetrachloride	4.828	117	717025	188.812	ug/L	100
33) Benzene	5.098	78	2166028	193.142	ug/L	100
34) Trichloroethene	5.912	95	576353	196.489	ug/L	98
35) Methylcyclohexane	6.130	83	946044	215.346	ug/L	99
37) 1,2-Dichloropropane	6.172	63	559451	198.586	ug/L	99
38) Bromodichloromethane	6.506	83	740616	194.406	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	895827	222.987	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	1393932	423.298	ug/L	99
42) Toluene	7.384	91	2431271	202.089	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	874082	226.154	ug/L	98

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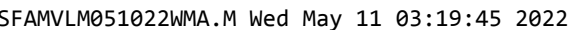
Instrument :
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 ClientSampleId :
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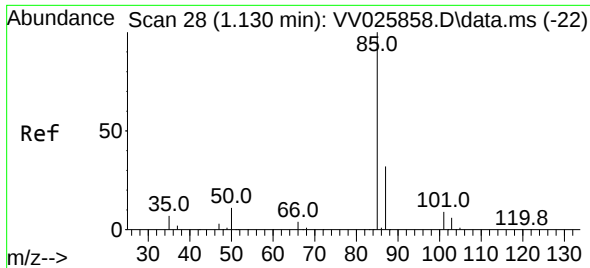
Quant Time: May 11 03:19:35 2022
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 Quant Title : VOC Analysis
 QLast Update : Wed May 11 03:13:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	546092	190.776	ug/L	98
46) Tetrachloroethene	7.973	164	419175	193.729	ug/L	97
48) 2-Hexanone	8.136	43	1105779	431.573	ug/L	98
49) Dibromochloromethane	8.246	129	596331	211.204	ug/L	98
50) 1,2-Dibromoethane	8.349	107	573386	196.979	ug/L	97
51) Chlorobenzene	8.879	112	1537292	199.549	ug/L	99
52) Ethylbenzene	9.011	91	2679791	215.903	ug/L	100
53) m,p-Xylene	9.136	106	1051983	218.512	ug/L	99
54) o-Xylene	9.542	106	1051649	222.374	ug/L	98
55) Styrene	9.558	104	1870659	227.012	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	840294	196.749	ug/L	99
59) Bromoform	9.728	173	398536	207.214	ug/L	99
60) Isopropylbenzene	9.931	105	2774045	207.715	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	700471	177.497	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	1526107	221.694	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	2403607	225.045	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	1261297	199.522	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	1281133	193.382	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	1284153	196.393	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	187448	205.613	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	915025	209.634	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	808300	217.469	ug/L	99
71) Naphthalene	13.500	128	2555455	232.154	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	790390	208.676	ug/L	100

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

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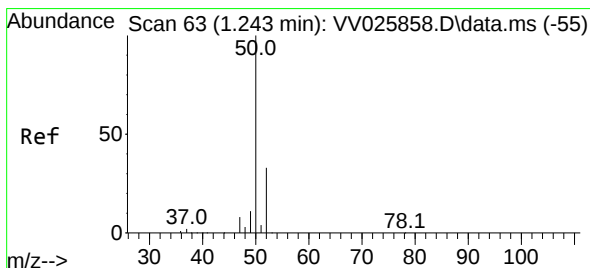
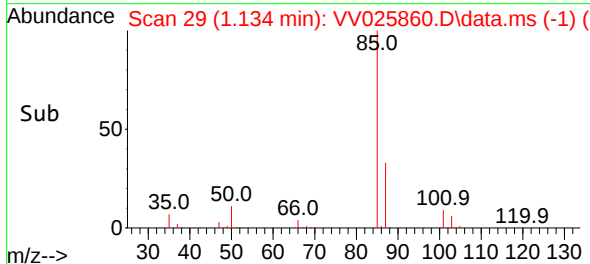
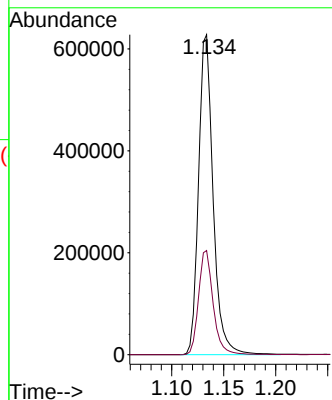
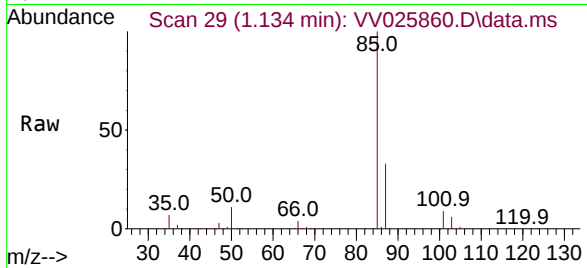




#2
 Dichlorodifluoromethane
 Concen: 186.547 ug/L
 RT: 1.134 min Scan# 28
 Delta R.T. 0.003 min
 Lab File: VV025860.D
 Acq: 10 May 2022 12:37

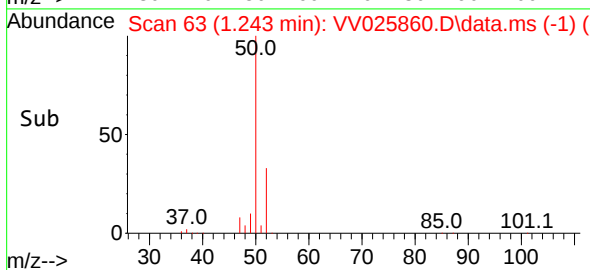
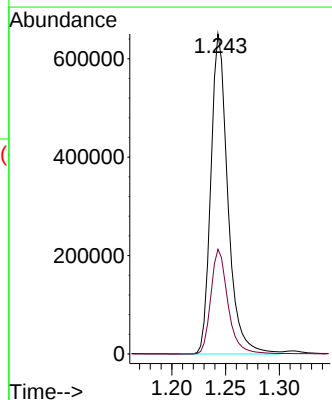
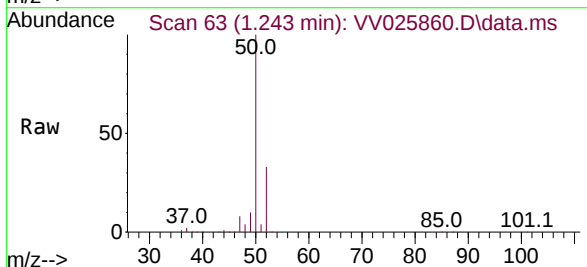
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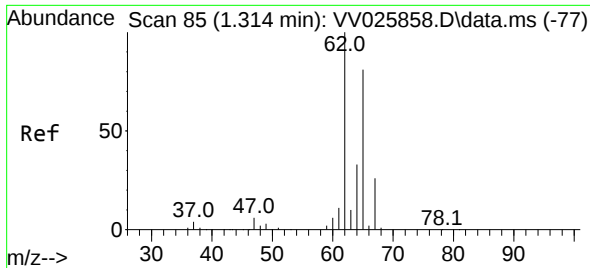
Tgt Ion: 85 Resp: 613991
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.0 39.0



#3
 Chloromethane
 Concen: 179.579 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025860.D
 Acq: 10 May 2022 12:37

Tgt Ion: 50 Resp: 714829
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.2 43.2

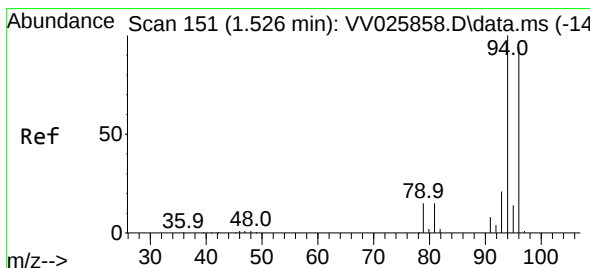
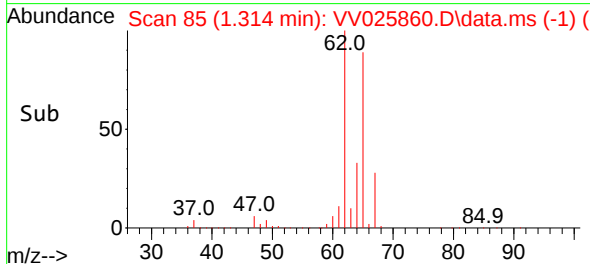
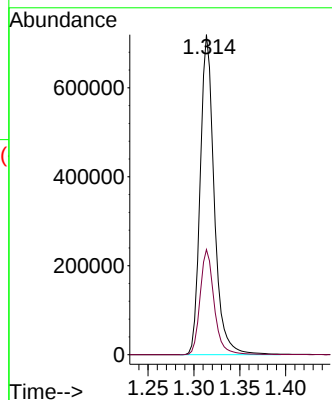
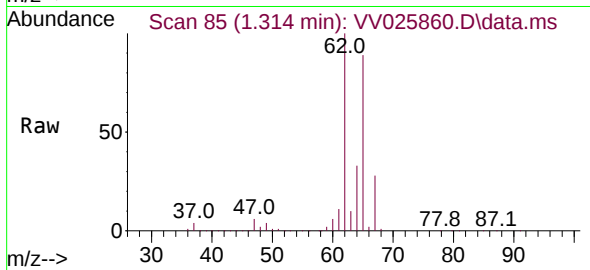




#5
 Vinyl chloride
 Concen: 188.739 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025860.D
 Acq: 10 May 2022 12:37

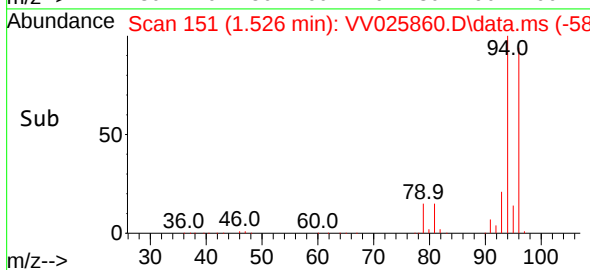
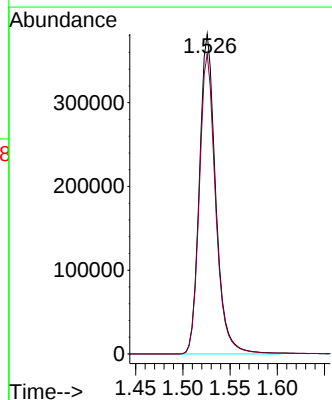
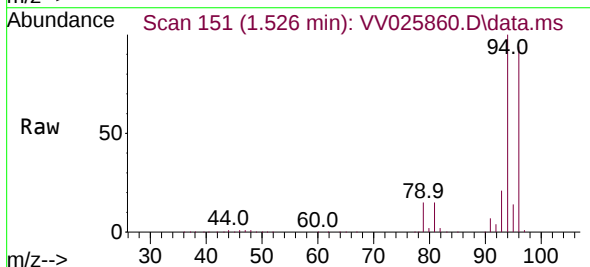
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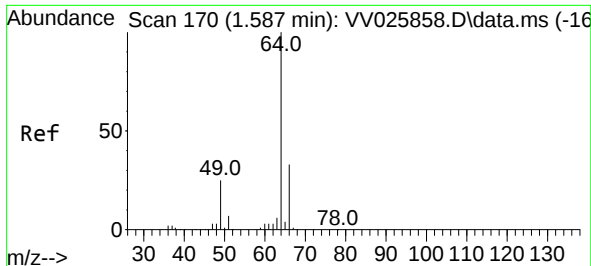
Tgt Ion: 62 Resp: 763809
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.2 43.0



#6
 Bromomethane
 Concen: 186.486 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV025860.D
 Acq: 10 May 2022 12:37

Tgt Ion: 94 Resp: 458588
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.9 122.3

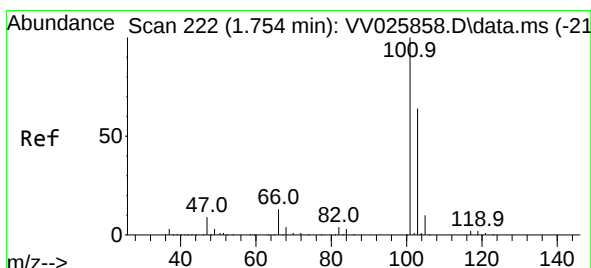
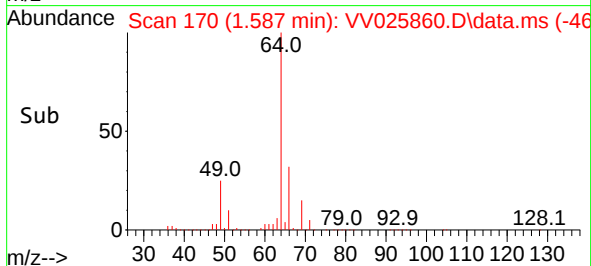
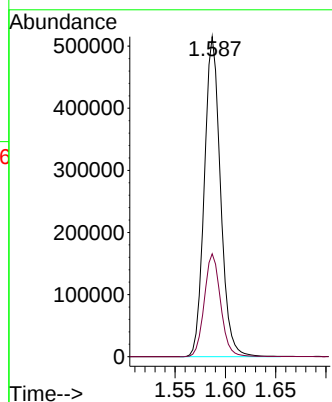
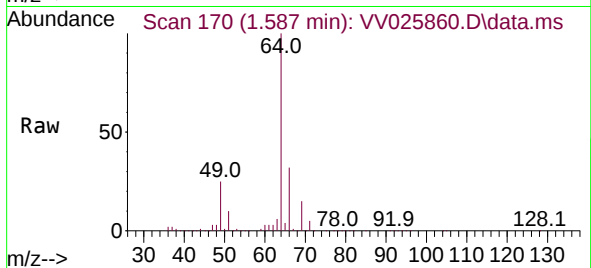




#8
Chloroethane
Concen: 190.277 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

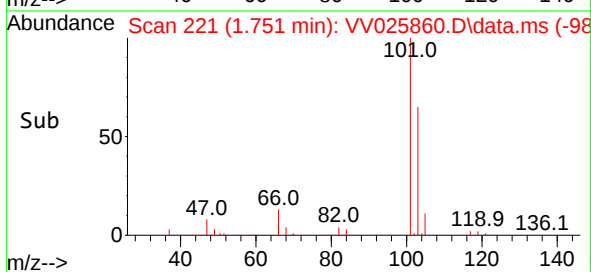
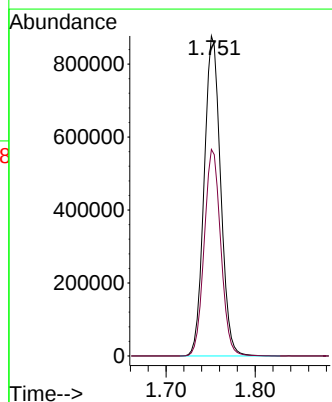
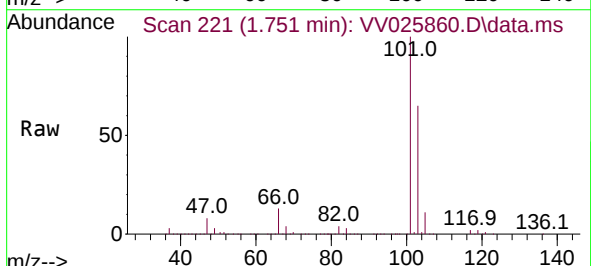
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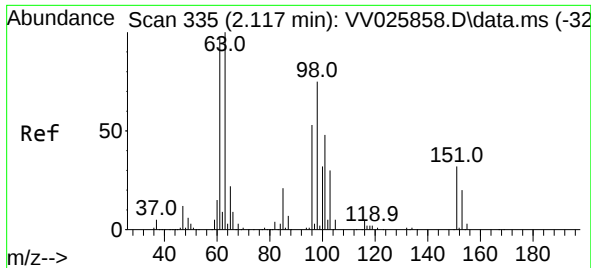
Tgt Ion: 64 Resp: 575072
Ion Ratio Lower Upper
64 100
66 32.2 22.9 42.5



#9
Trichlorofluoromethane
Concen: 195.414 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

Tgt Ion:101 Resp: 1123847
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

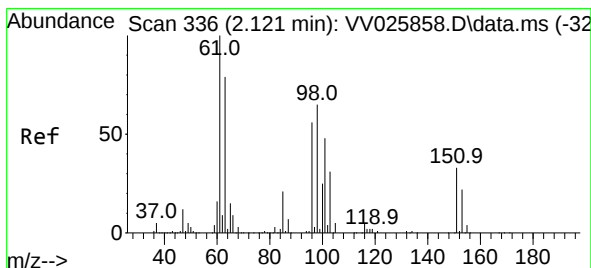
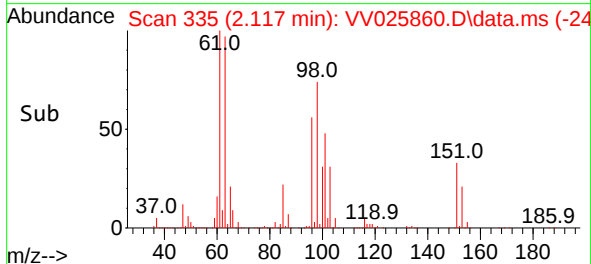
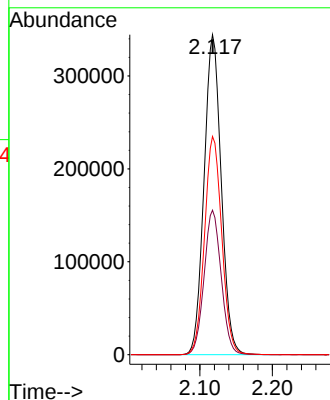
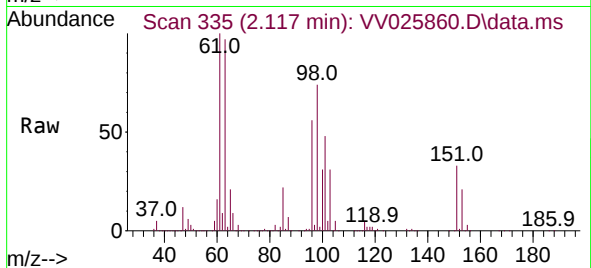




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 185.251 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV025860.D
 Acq: 10 May 2022 12:37

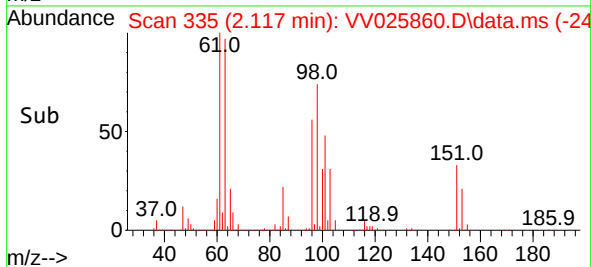
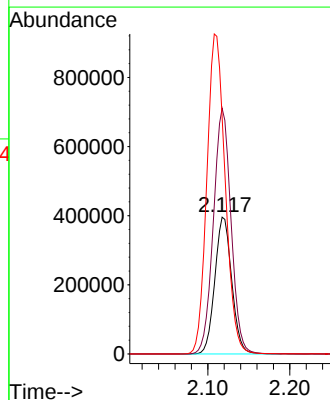
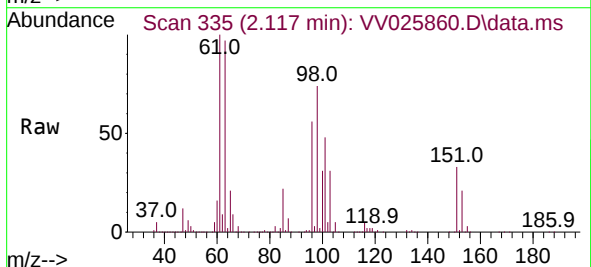
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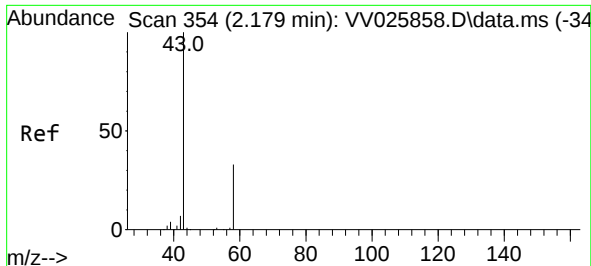
Tgt Ion:101 Resp: 566050
 Ion Ratio Lower Upper
 101 100
 85 44.9 34.6 51.8
 151 68.6 54.3 81.5



#12
 1,1-Dichloroethene
 Concen: 188.984 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV025860.D
 Acq: 10 May 2022 12:37

Tgt Ion: 96 Resp: 567951
 Ion Ratio Lower Upper
 96 100
 61 179.5 124.6 231.4
 63 173.2 101.6 188.6





#13

Acetone

Concen: 351.414 ug/L

RT: 2.182 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV025860.D

Acq: 10 May 2022 12:37

Instrument :

MSVOA_V

ClientSampleId :

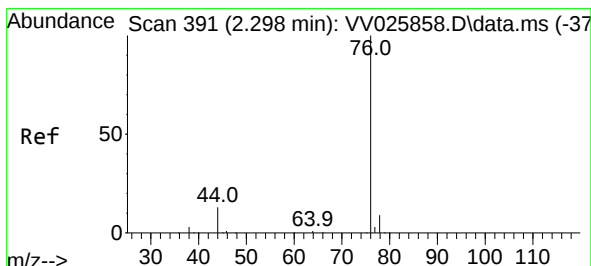
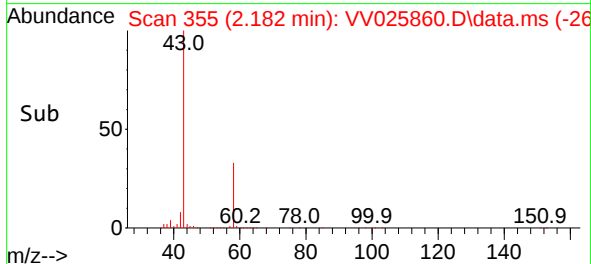
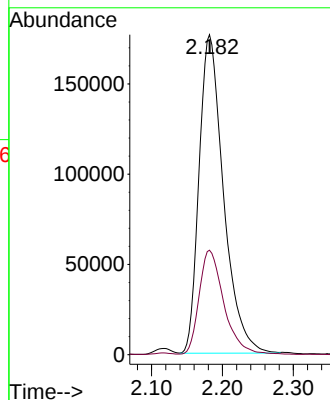
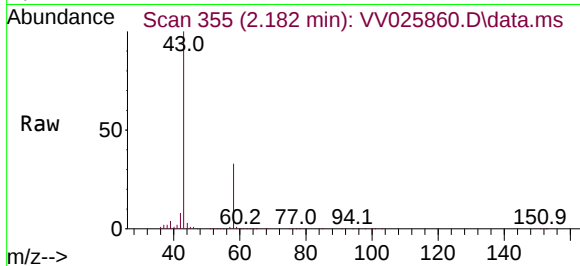
VSTD200217

Tgt Ion: 43 Resp: 422303

Ion Ratio Lower Upper

43 100

58 33.3 0.0 65.0



#14

Carbon disulfide

Concen: 193.855 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV025860.D

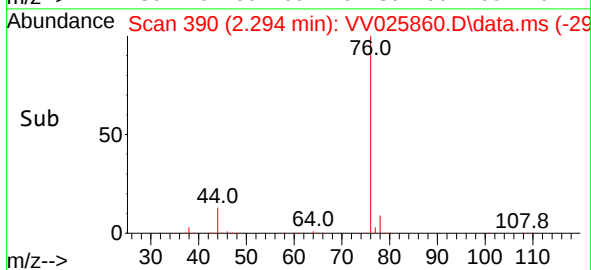
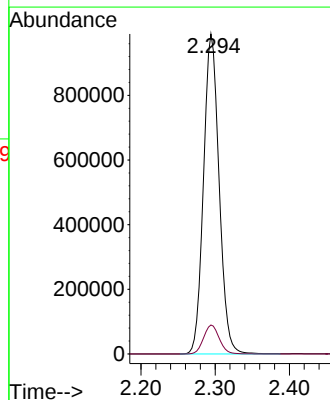
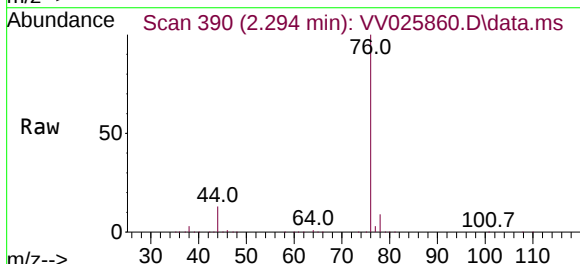
Acq: 10 May 2022 12:37

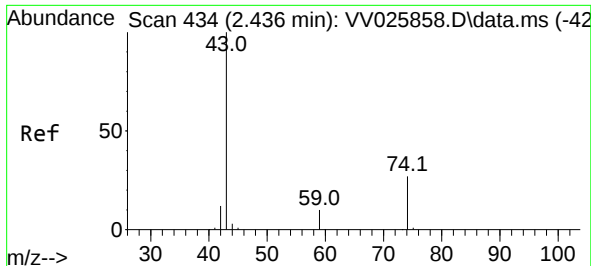
Tgt Ion: 76 Resp: 1441024

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

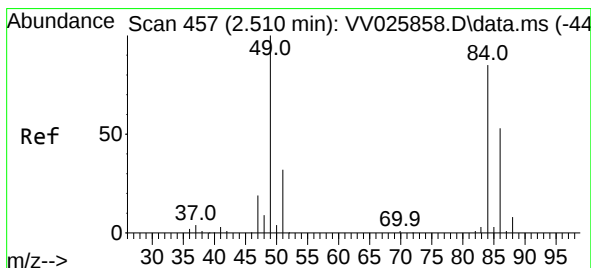
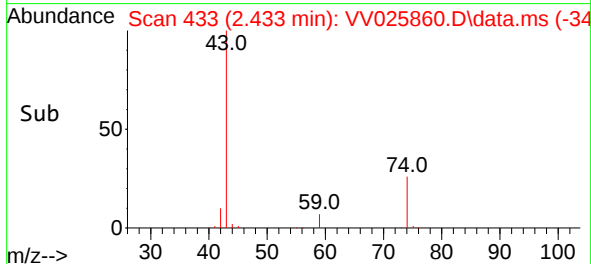
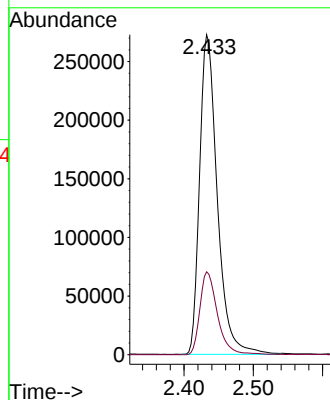
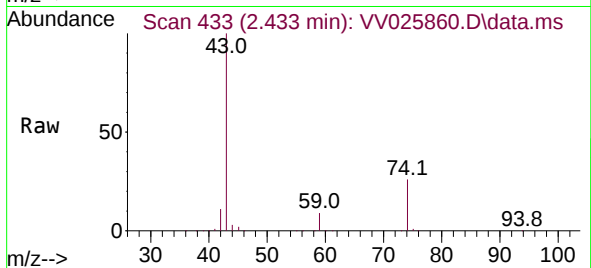




#15
Methyl Acetate
Concen: 187.992 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

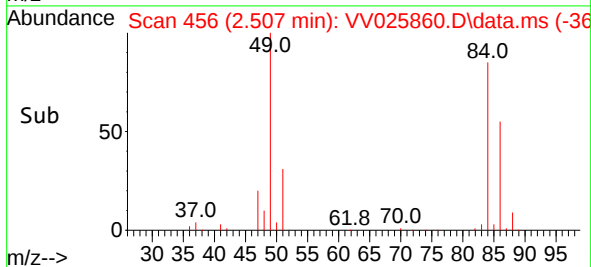
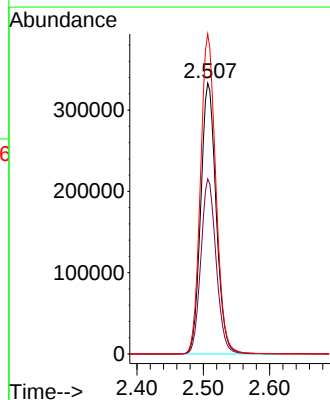
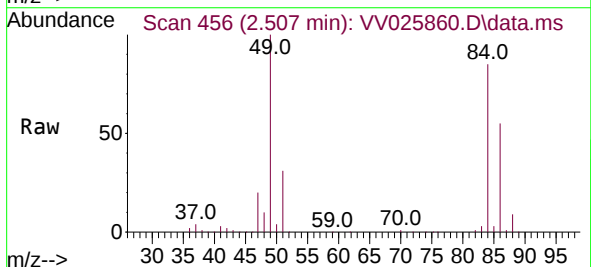
Instrument :
MSVOA_V
ClientSampleId :
VSTD200217

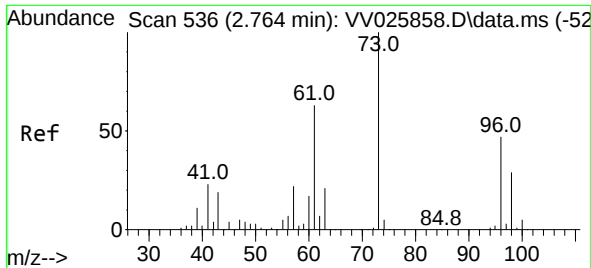
Tgt Ion: 43 Resp: 483982
Ion Ratio Lower Upper
43 100
74 25.8 20.7 31.1



#16
Methylene chloride
Concen: 184.559 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

Tgt Ion: 84 Resp: 537246
Ion Ratio Lower Upper
84 100
86 64.6 44.2 82.0
49 118.1 82.7 153.5

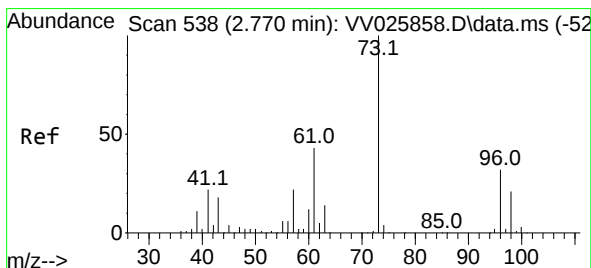
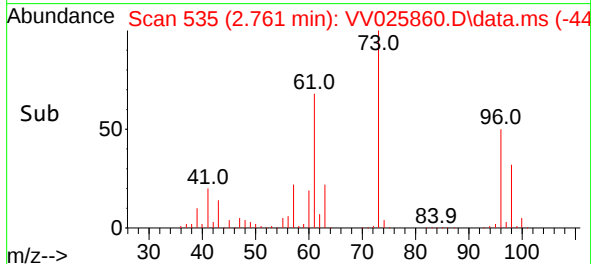
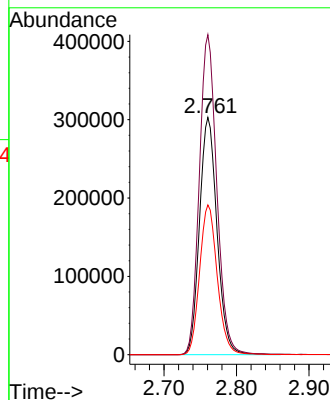
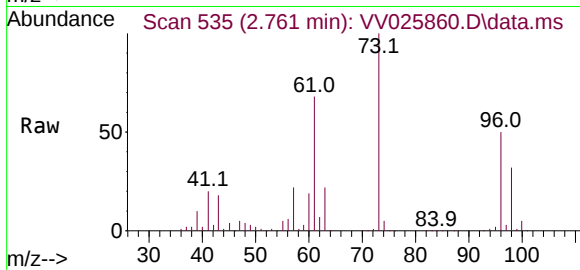




#17
trans-1,2-Dichloroethene
Concen: 197.078 ug/L
RT: 2.761 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

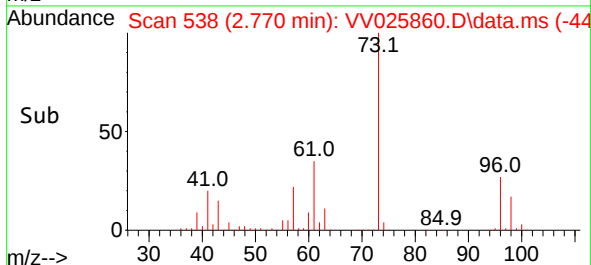
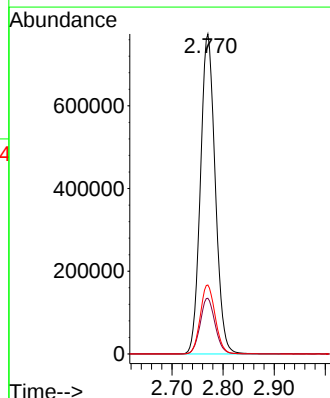
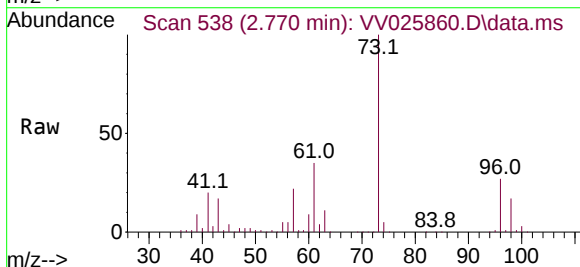
Instrument :
MSVOA_V
ClientSampleId :
VSTD200217

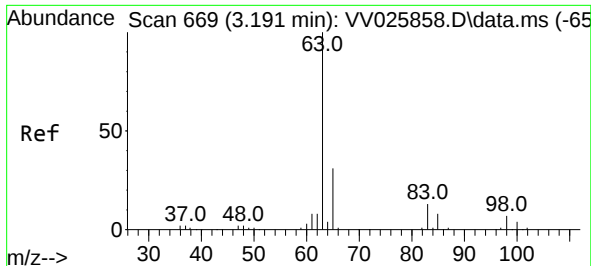
Tgt Ion: 96 Resp: 508856
Ion Ratio Lower Upper
96 100
61 134.9 92.7 172.1
98 63.2 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 207.097 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

Tgt Ion: 73 Resp: 1555173
Ion Ratio Lower Upper
73 100
43 17.5 14.6 22.0
57 21.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 190.391 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV025860.D

Acq: 10 May 2022 12:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD200217

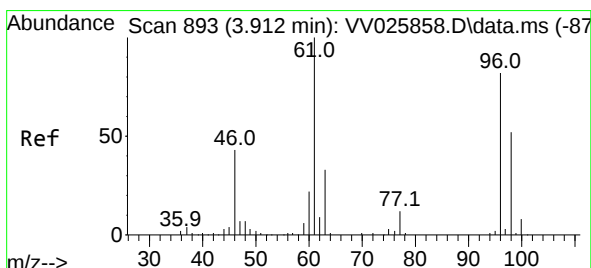
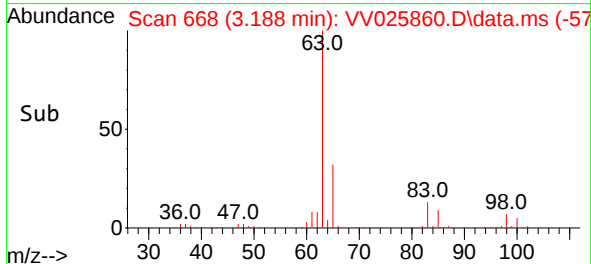
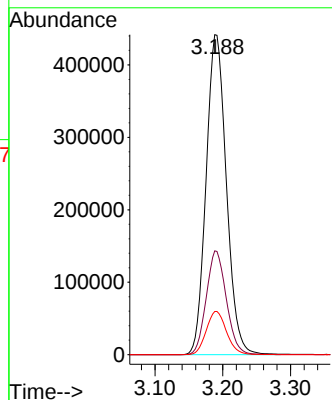
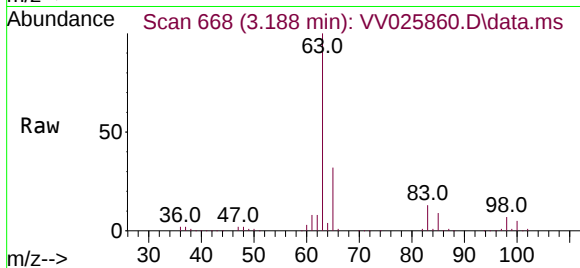
Tgt Ion: 63 Resp: 918191

Ion Ratio Lower Upper

63 100

65 32.5 22.0 40.8

83 13.5 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 204.714 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.003 min

Lab File: VV025860.D

Acq: 10 May 2022 12:37

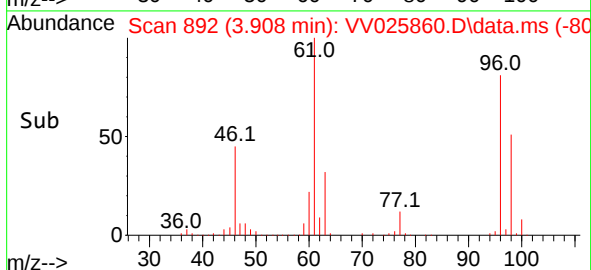
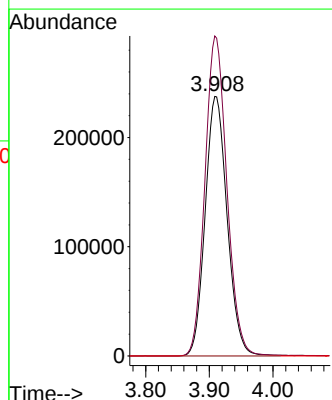
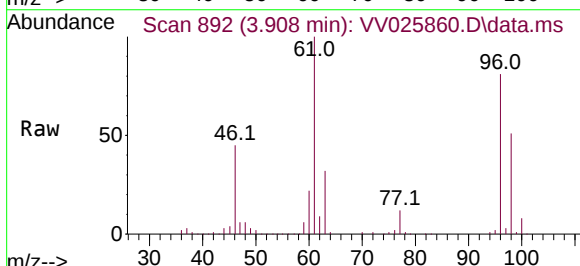
Tgt Ion: 96 Resp: 570543

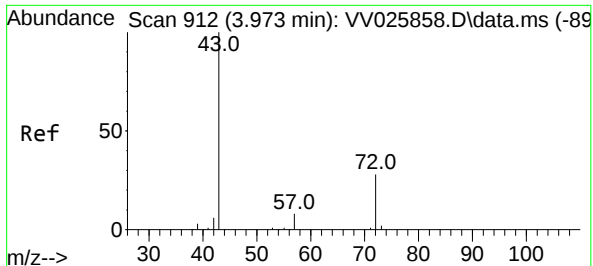
Ion Ratio Lower Upper

96 100

61 123.3 86.0 159.6

68 0.0 0.0 0.0

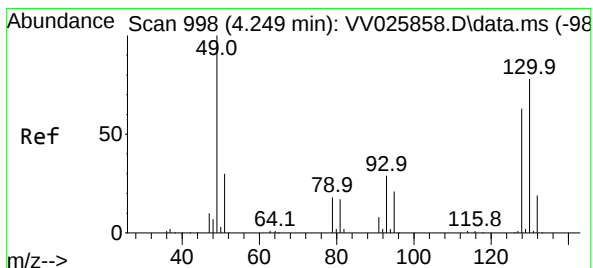
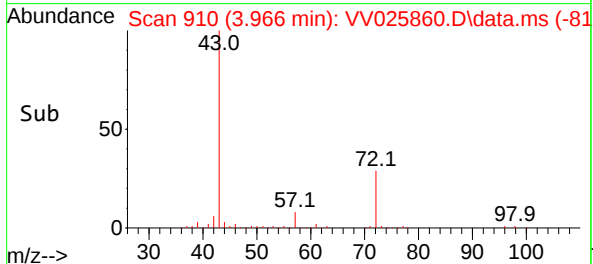
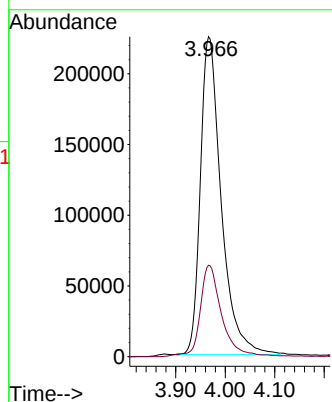
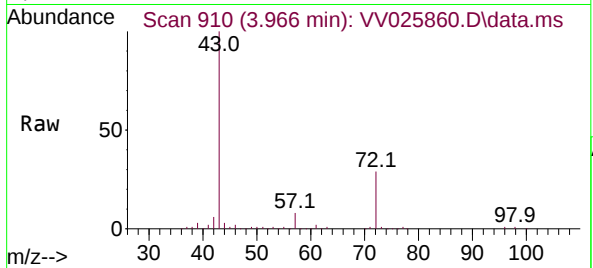




#22
2-Butanone
Concen: 418.016 ug/L
RT: 3.966 min Scan# 910
Delta R.T. -0.006 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

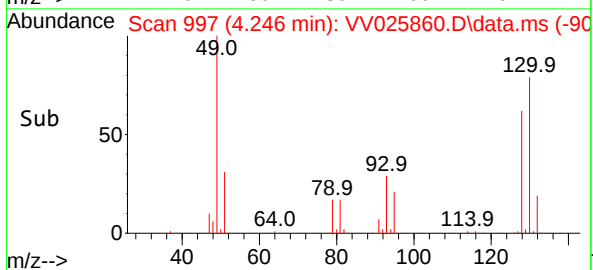
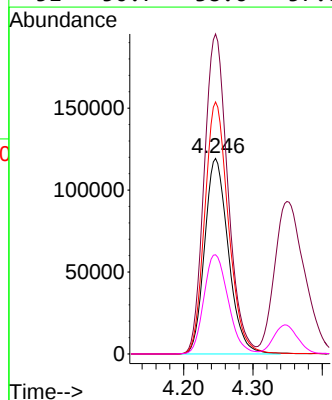
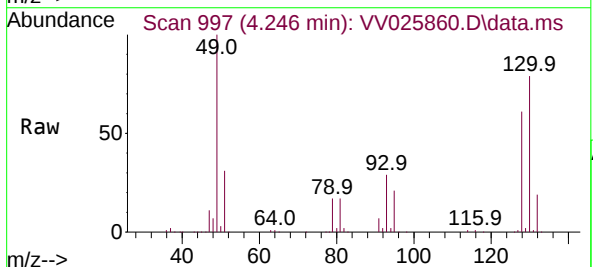
Instrument :
MSVOA_V
ClientSampleId :
VSTD200217

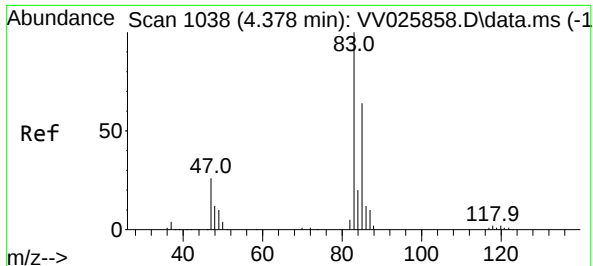
Tgt Ion: 43 Resp: 658876
Ion Ratio Lower Upper
43 100
72 29.6 13.8 41.4



#23
Bromochloromethane
Concen: 192.493 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

Tgt Ion: 128 Resp: 283369
Ion Ratio Lower Upper
128 100
49 163.6 111.0 206.2
130 128.8 87.1 161.7
51 50.7 38.6 57.8

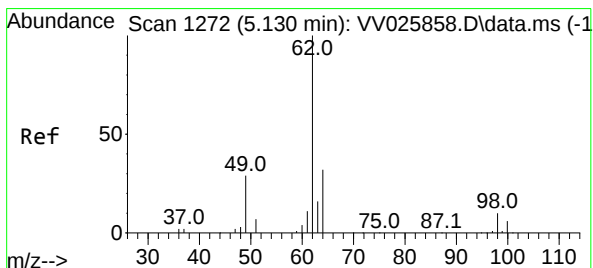
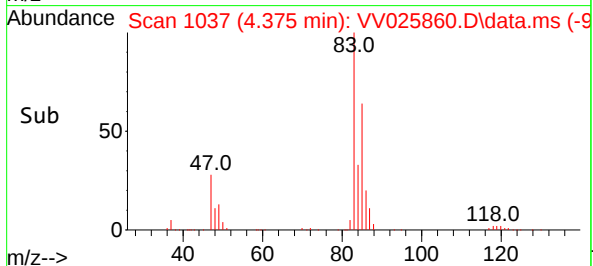
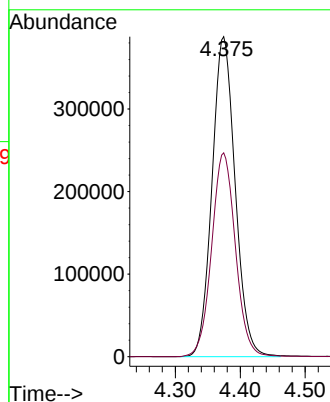
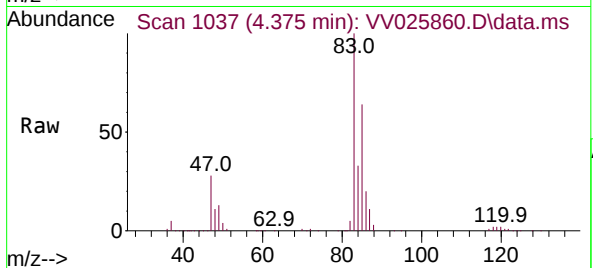




#25
Chloroform
Concen: 187.636 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

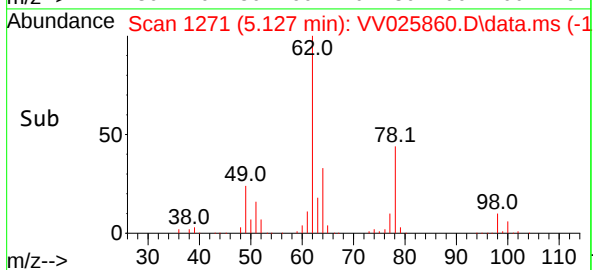
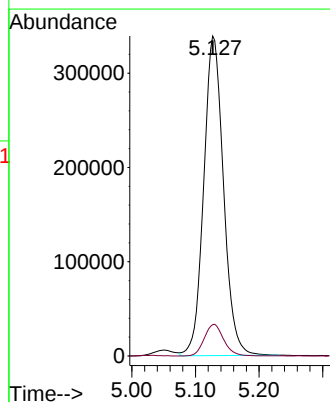
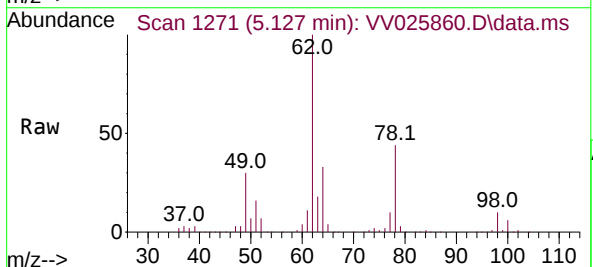
Instrument :
MSVOA_V
ClientSampleId :
VSTD200217

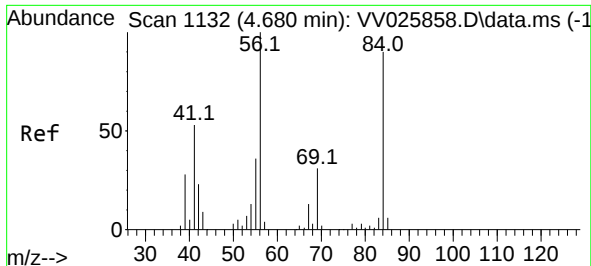
Tgt Ion: 83 Resp: 958904
Ion Ratio Lower Upper
83 100
85 63.7 44.9 83.3



#27
1,2-Dichloroethane
Concen: 189.561 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

Tgt Ion: 62 Resp: 732411
Ion Ratio Lower Upper
62 100
98 9.8 7.7 11.5





#29

Cyclohexane

Concen: 212.196 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV025860.D

Acq: 10 May 2022 12:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD200217

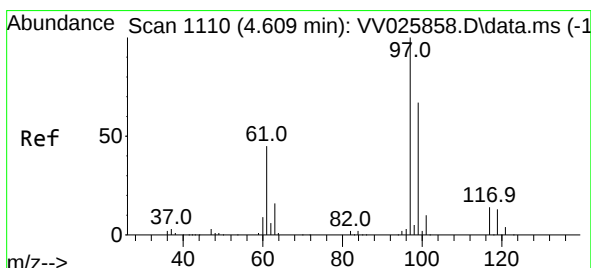
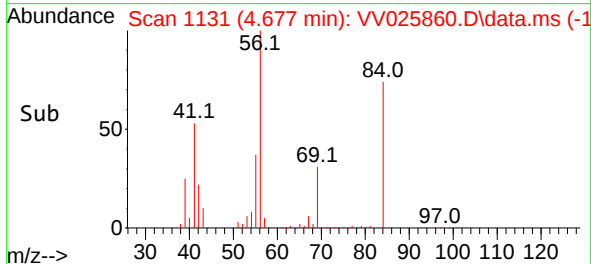
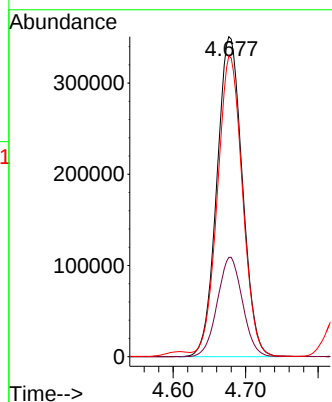
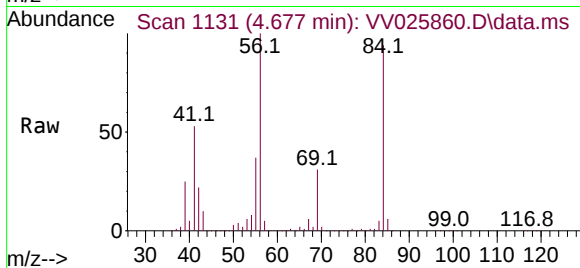
Tgt Ion: 56 Resp: 855627

Ion Ratio Lower Upper

56 100

69 30.8 24.8 37.2

84 92.6 73.8 110.8



#30

1,1,1-Trichloroethane

Concen: 185.098 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV025860.D

Acq: 10 May 2022 12:37

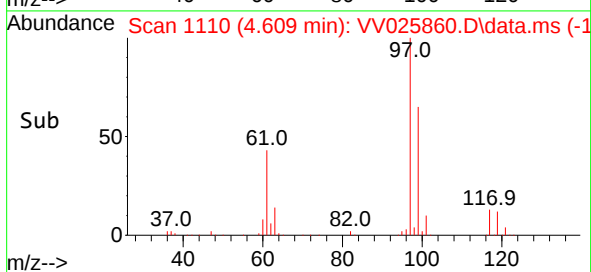
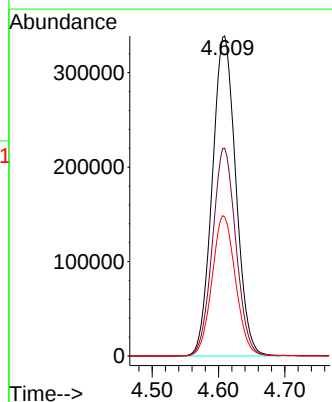
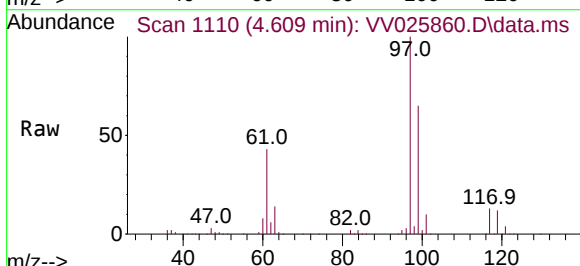
Tgt Ion: 97 Resp: 837261

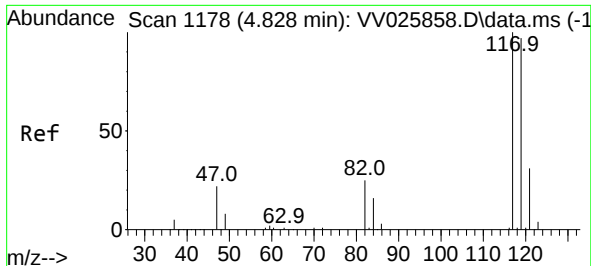
Ion Ratio Lower Upper

97 100

99 64.6 52.6 78.8

61 43.8 35.6 53.4

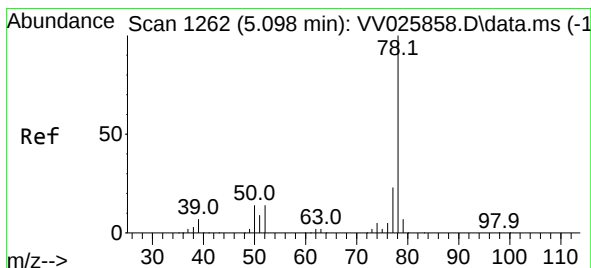
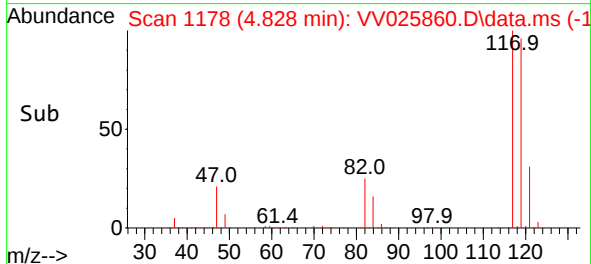
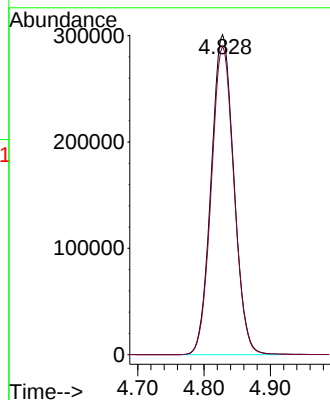
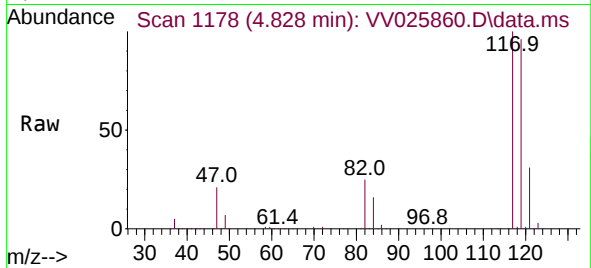




#31
Carbon tetrachloride
Concen: 188.812 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

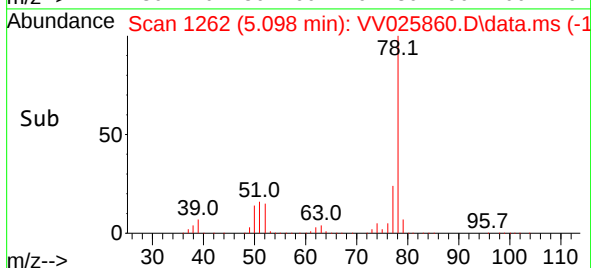
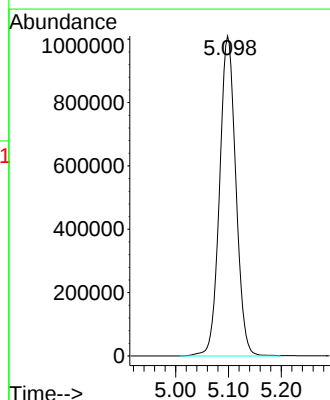
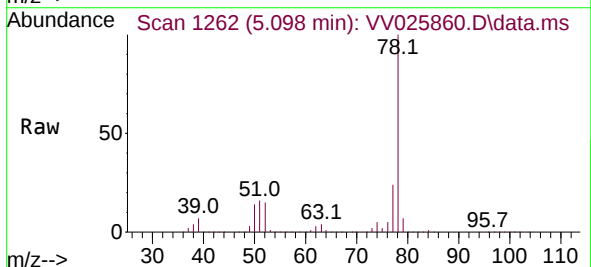
Instrument :
MSVOA_V
ClientSampleId :
VSTD200217

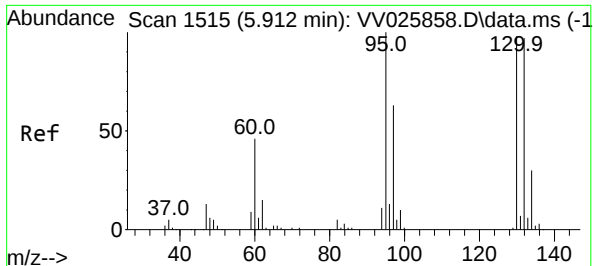
Tgt Ion:117 Resp: 717025
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 193.142 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

Tgt Ion: 78 Resp: 2166028



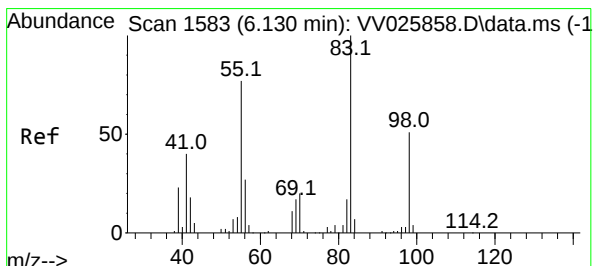
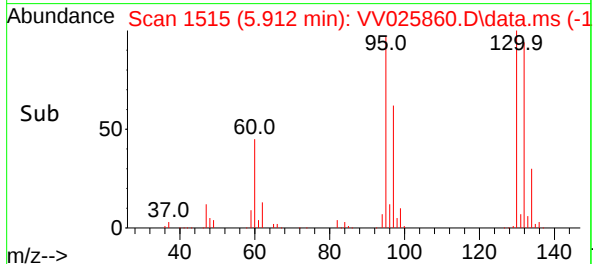
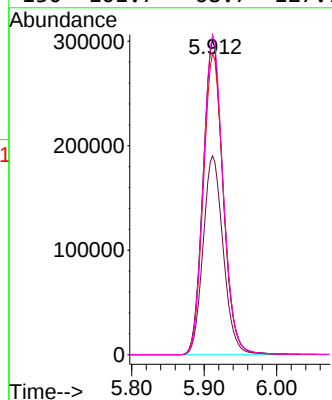
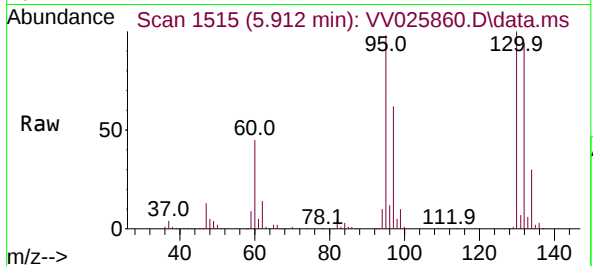


#34
Trichloroethene
Concen: 196.489 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD200217

Tgt Ion: 95 Resp: 576353

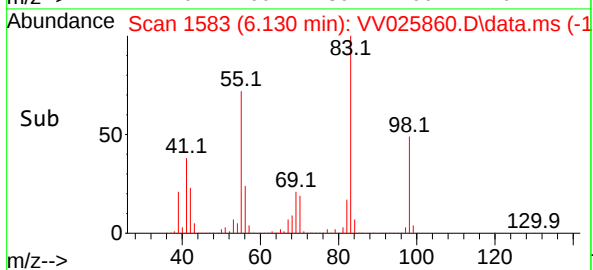
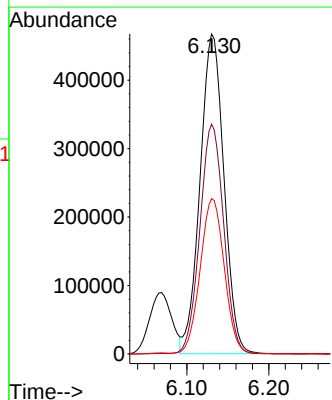
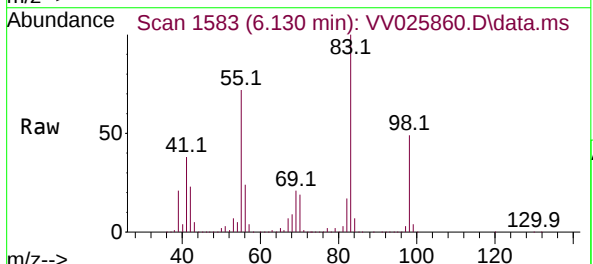
Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.2	82.0
132	95.7	67.7	125.7
130	101.7	68.7	127.7

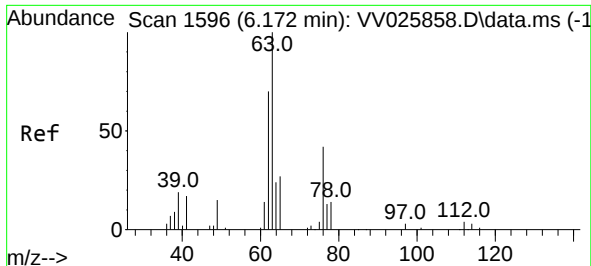


#35
Methylcyclohexane
Concen: 215.346 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

Tgt Ion: 83 Resp: 946044

Ion	Ratio	Lower	Upper
83	100		
55	71.4	58.6	87.8
98	49.1	39.1	58.7





#37

1,2-Dichloropropane

Concen: 198.586 ug/L

RT: 6.172 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV025860.D

Acq: 10 May 2022 12:37

Instrument :

MSVOA_V

ClientSampleId :

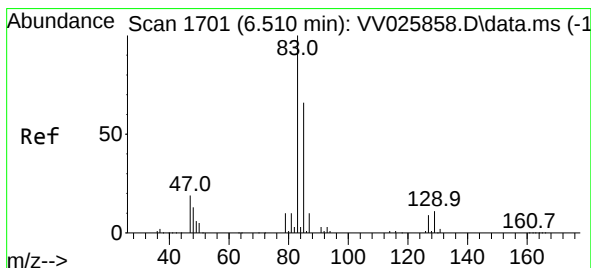
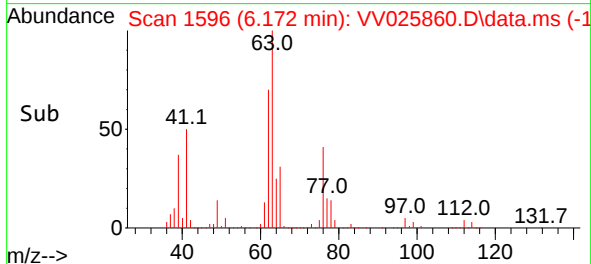
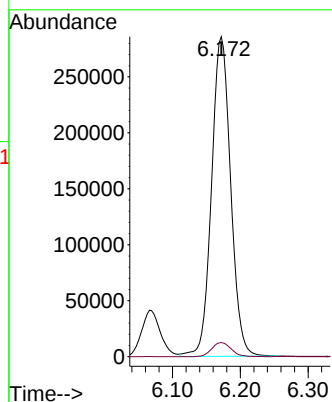
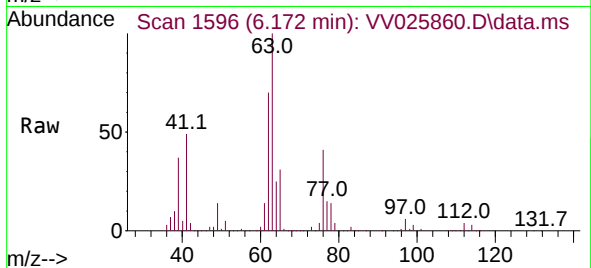
VSTD200217

Tgt Ion: 63 Resp: 559451

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.6



#38

Bromodichloromethane

Concen: 194.406 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV025860.D

Acq: 10 May 2022 12:37

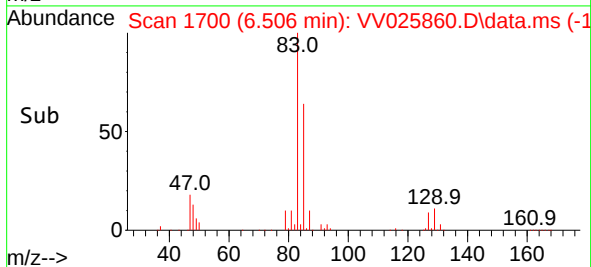
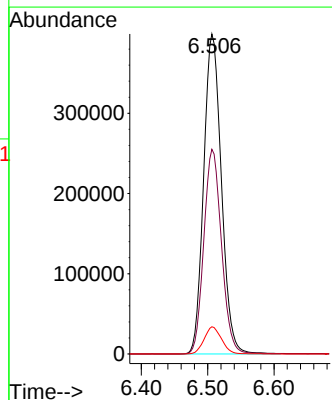
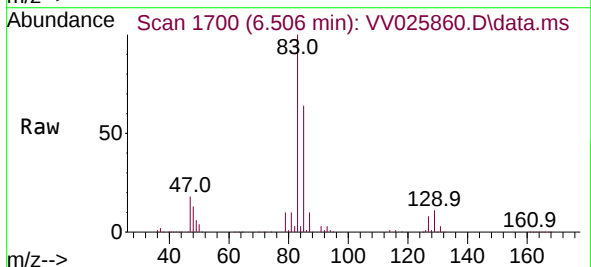
Tgt Ion: 83 Resp: 740616

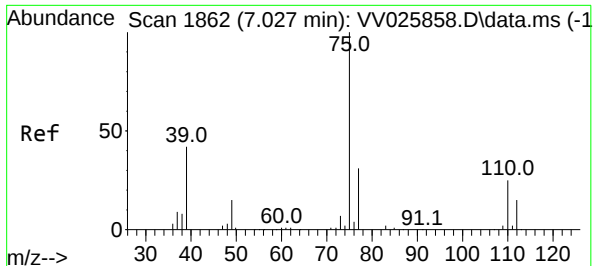
Ion Ratio Lower Upper

83 100

85 63.9 46.0 85.4

127 8.5 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 222.987 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV025860.D

Acq: 10 May 2022 12:37

Instrument :

MSVOA_V

ClientSampleId :

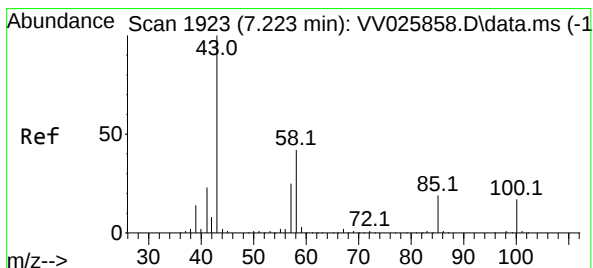
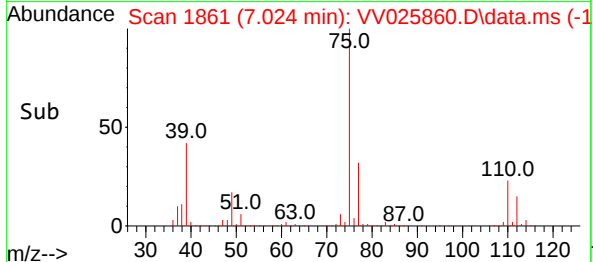
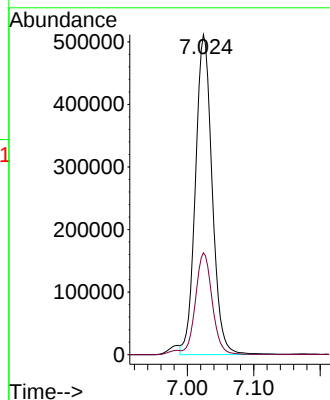
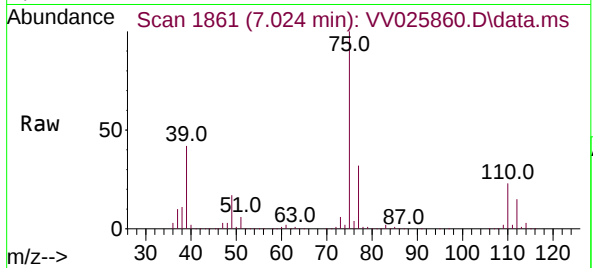
VSTD200217

Tgt Ion: 75 Resp: 895827

Ion Ratio Lower Upper

75 100

77 31.8 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 423.298 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025860.D

Acq: 10 May 2022 12:37

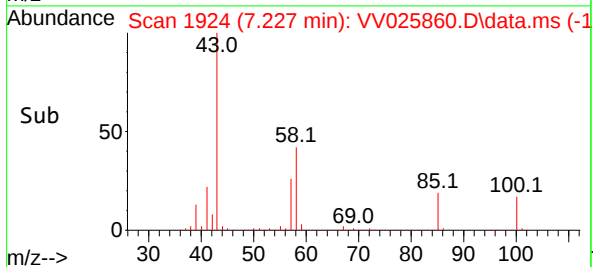
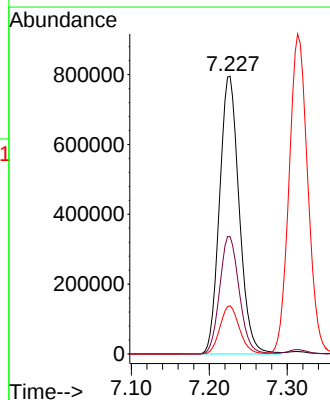
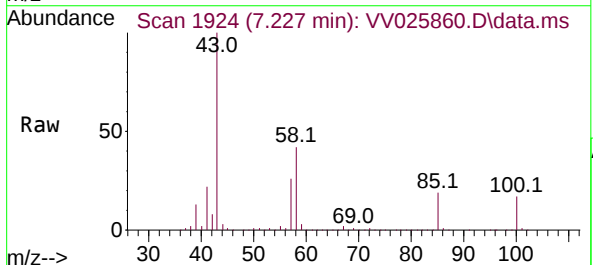
Tgt Ion: 43 Resp: 1393932

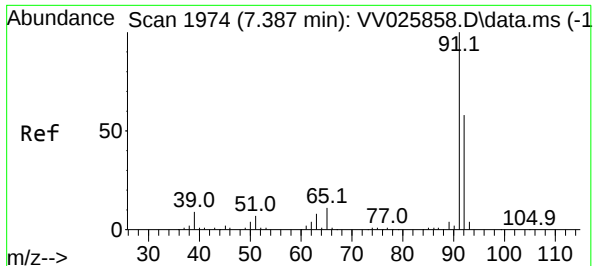
Ion Ratio Lower Upper

43 100

58 42.3 32.9 49.3

100 17.2 13.7 20.5

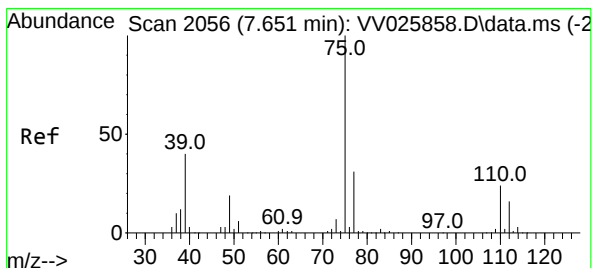
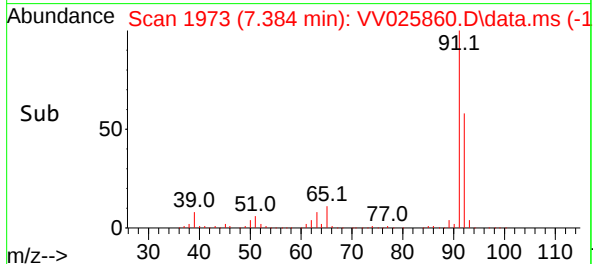
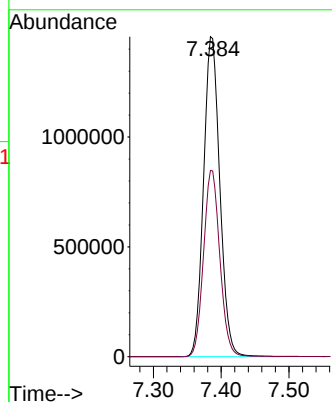
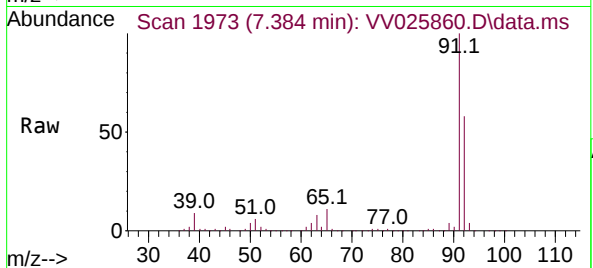




#42
Toluene
Concen: 202.089 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.003 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

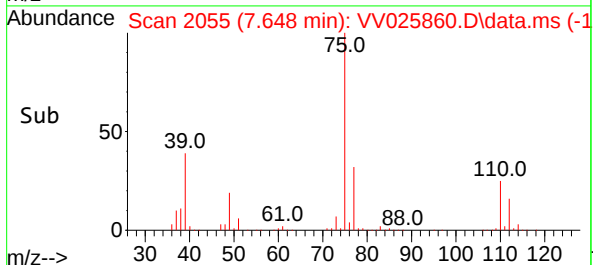
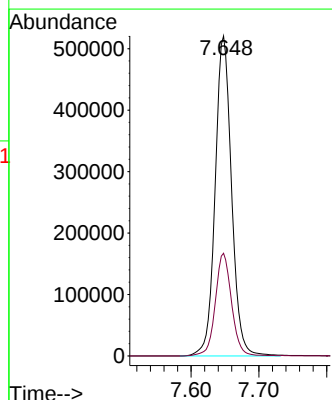
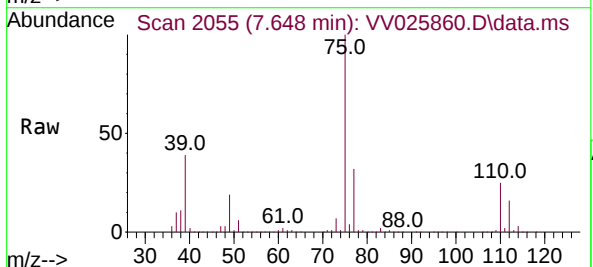
Instrument :
MSVOA_V
ClientSampleId :
VSTD200217

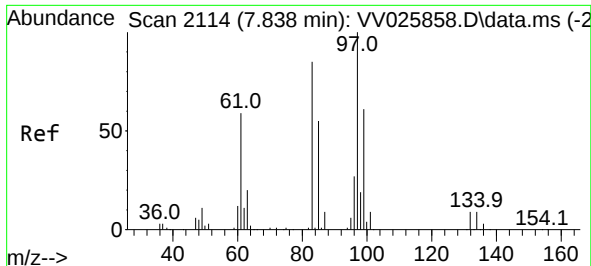
Tgt Ion: 91 Resp: 2431271
Ion Ratio Lower Upper
91 100
92 58.2 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 226.154 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

Tgt Ion: 75 Resp: 874082
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 190.776 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VV025860.D

Acq: 10 May 2022 12:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD200217

Tgt Ion: 97 Resp: 546092

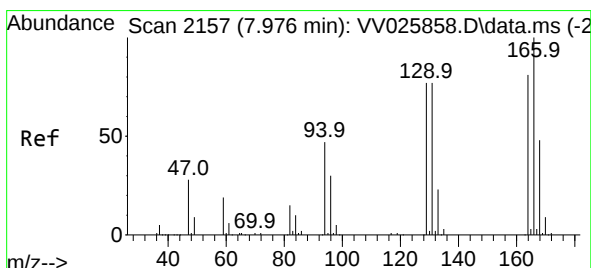
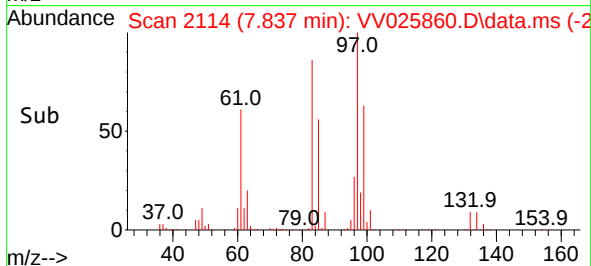
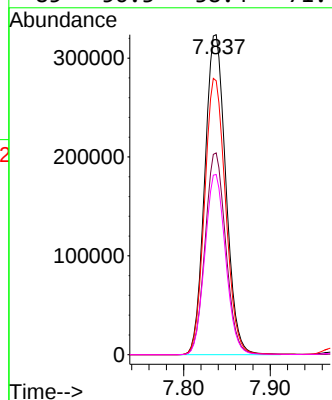
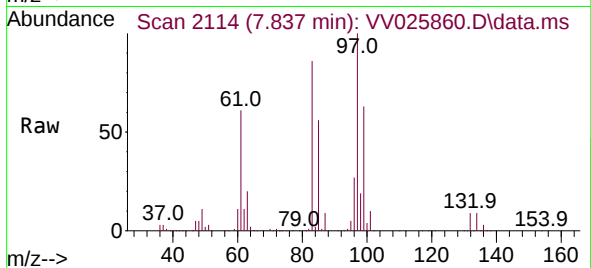
Ion Ratio Lower Upper

97 100

99 63.0 42.6 79.0

83 85.6 59.7 110.9

85 56.3 38.4 71.4



#46

Tetrachloroethene

Concen: 193.729 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV025860.D

Acq: 10 May 2022 12:37

Tgt Ion:164 Resp: 419175

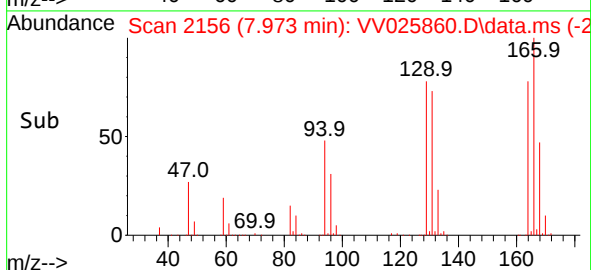
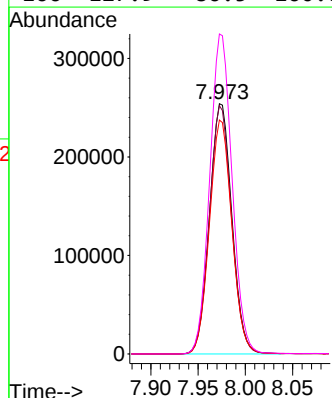
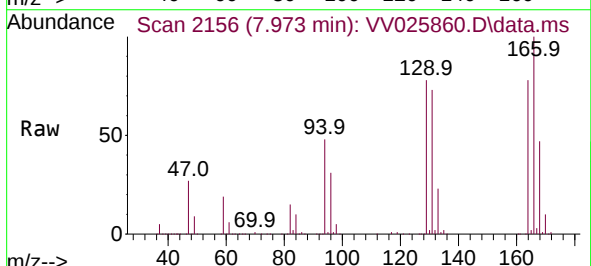
Ion Ratio Lower Upper

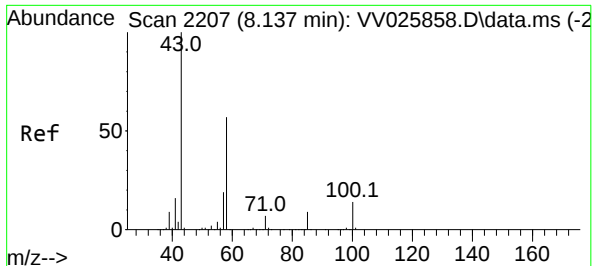
164 100

129 99.2 66.8 124.2

131 93.5 66.7 123.9

166 127.9 86.5 160.7





#48

2-Hexanone

Concen: 431.573 ug/L

RT: 8.136 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VV025860.D

Acq: 10 May 2022 12:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD200217

Tgt Ion: 43 Resp: 1105779

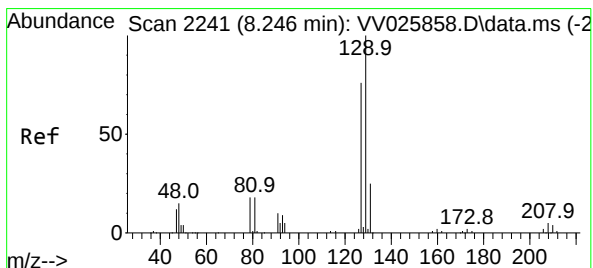
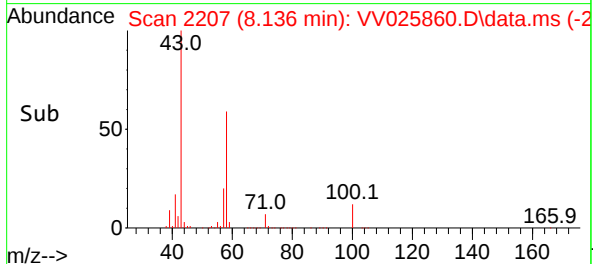
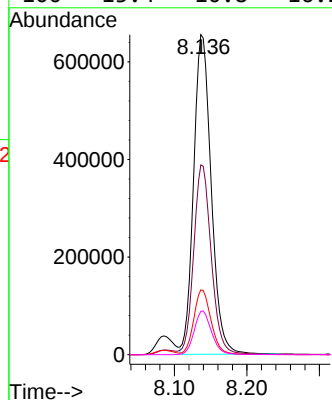
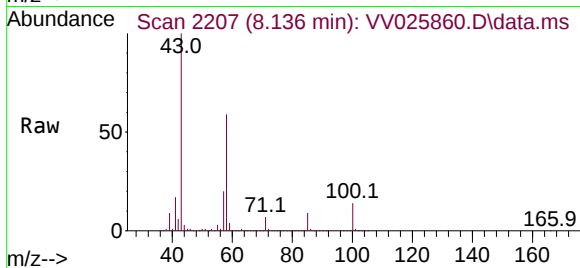
Ion Ratio Lower Upper

43 100

58 59.0 45.9 68.9

57 19.7 15.4 23.2

100 13.4 10.8 16.2



#49

Dibromochloromethane

Concen: 211.204 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VV025860.D

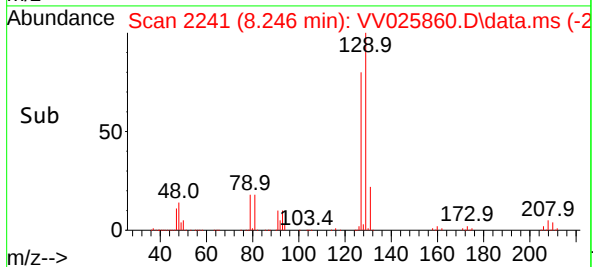
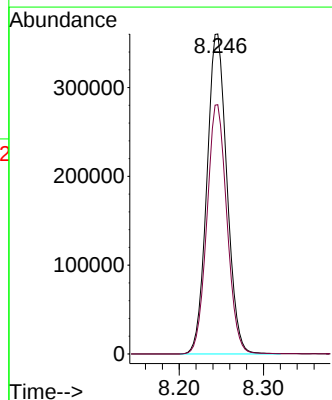
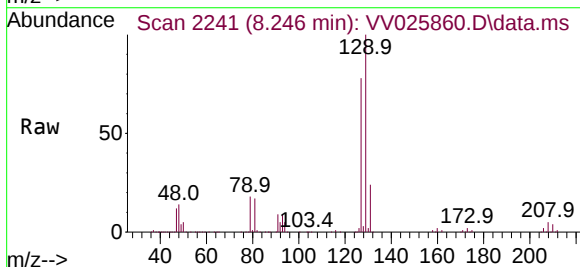
Acq: 10 May 2022 12:37

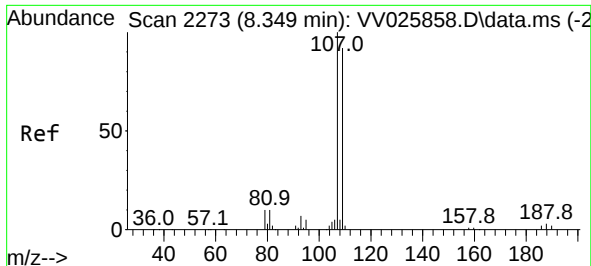
Tgt Ion:129 Resp: 596331

Ion Ratio Lower Upper

129 100

127 77.9 53.5 99.5





#50

1,2-Dibromoethane

Concen: 196.979 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025860.D

Acq: 10 May 2022 12:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD200217

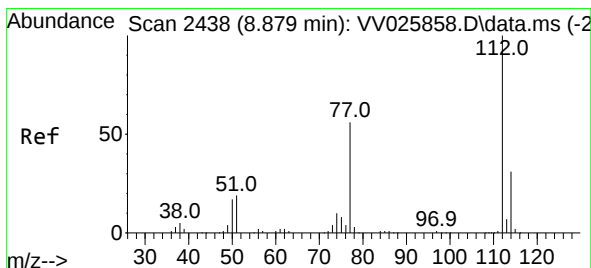
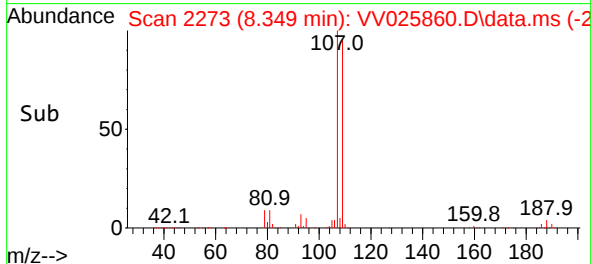
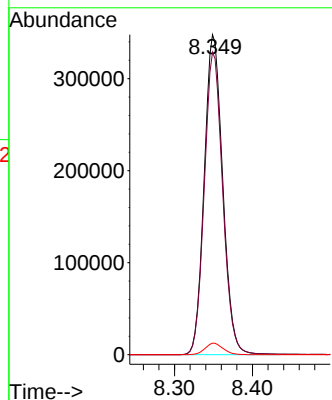
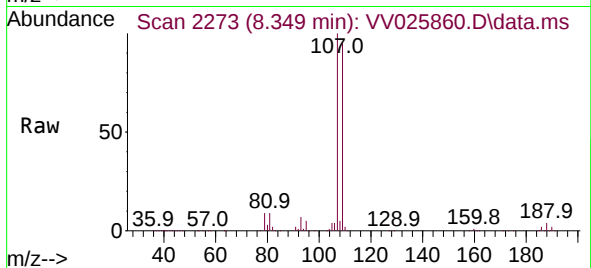
Tgt Ion:107 Resp: 573386

Ion Ratio Lower Upper

107 100

109 94.5 64.1 119.1

188 3.6 2.6 3.8



#51

Chlorobenzene

Concen: 199.549 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV025860.D

Acq: 10 May 2022 12:37

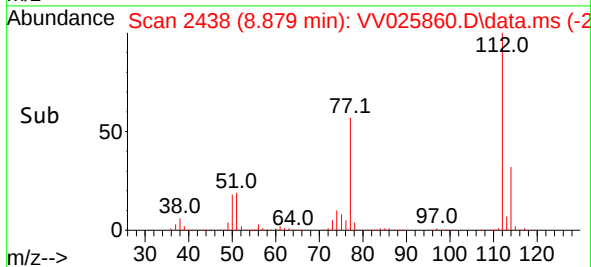
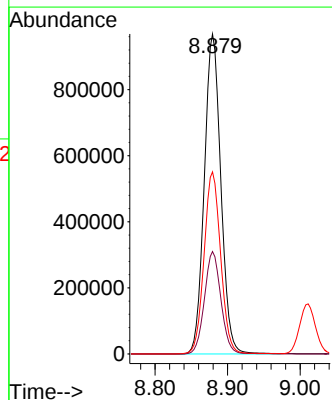
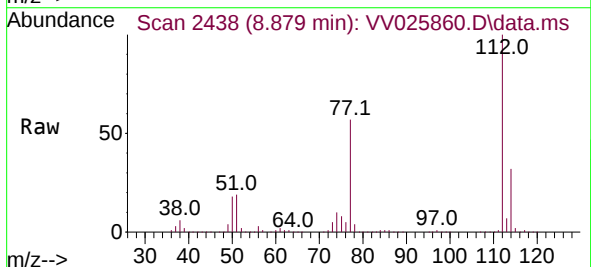
Tgt Ion:112 Resp: 1537292

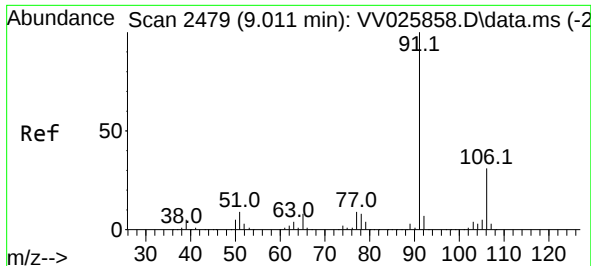
Ion Ratio Lower Upper

112 100

114 32.0 22.0 40.8

77 56.9 45.3 67.9

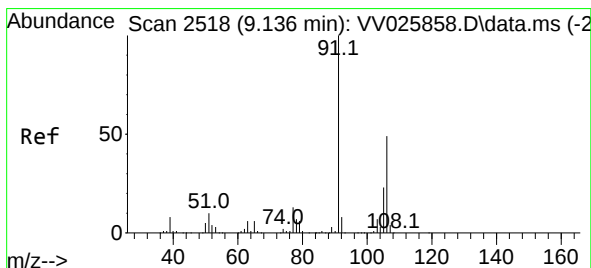
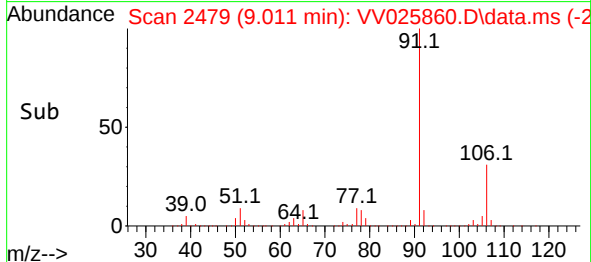
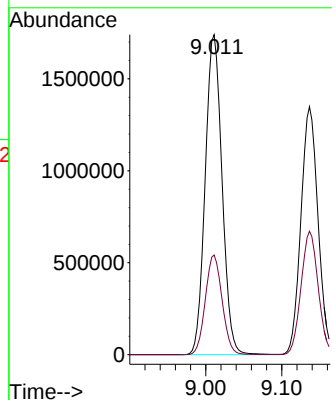
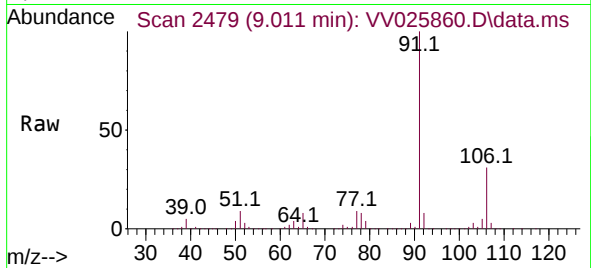




#52
Ethylbenzene
Concen: 215.903 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

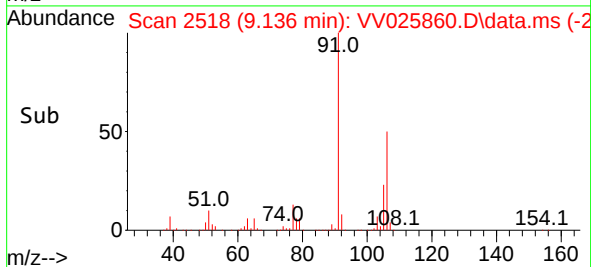
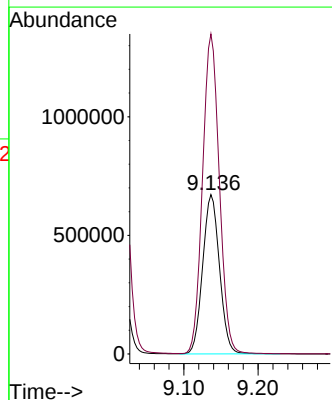
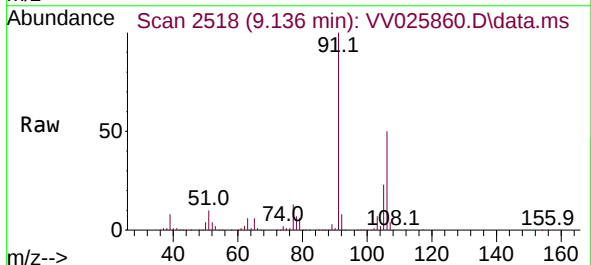
Instrument :
MSVOA_V
ClientSampleId :
VSTD200217

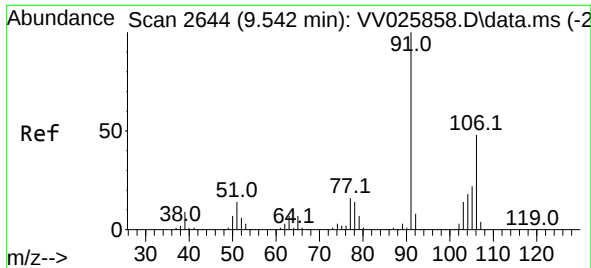
Tgt Ion: 91 Resp: 2679791
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.6



#53
m,p-Xylene
Concen: 218.512 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

Tgt Ion: 106 Resp: 1051983
Ion Ratio Lower Upper
106 100
91 200.8 142.0 263.6

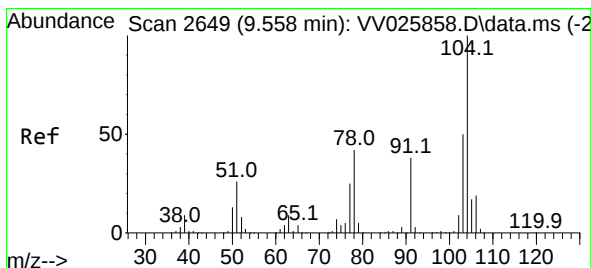
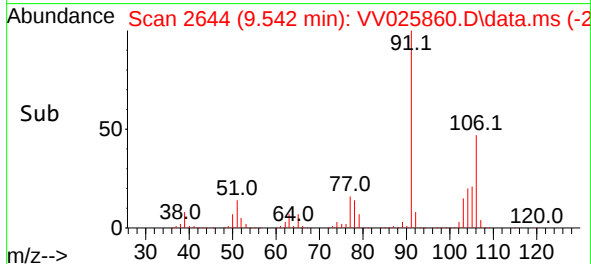
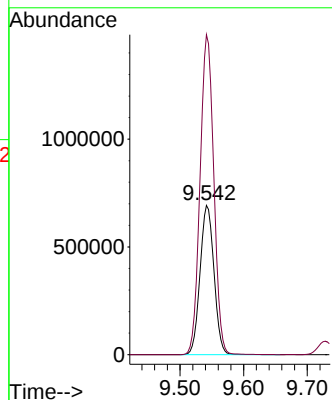
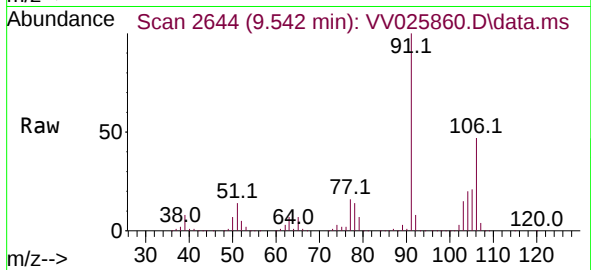




#54
o-Xylene
Concen: 222.374 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

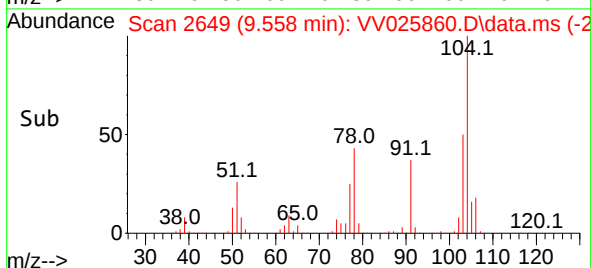
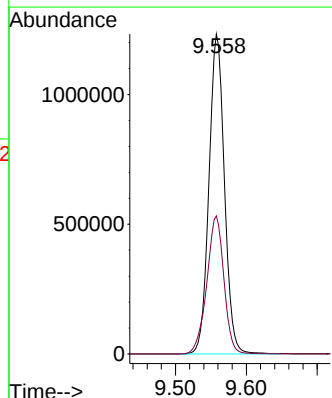
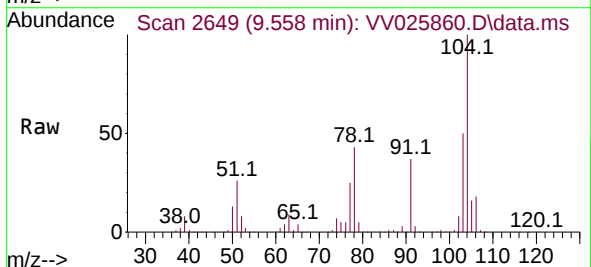
Instrument :
MSVOA_V
ClientSampleId :
VSTD200217

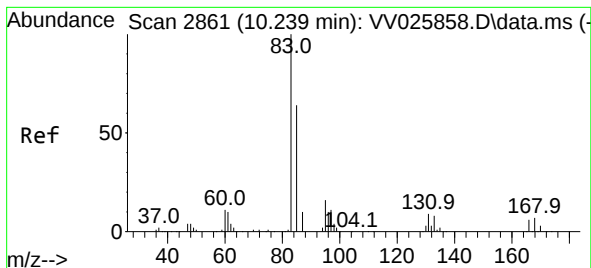
Tgt Ion:106 Resp: 1051649
Ion Ratio Lower Upper
106 100
91 214.3 147.4 273.8



#55
Styrene
Concen: 227.012 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

Tgt Ion:104 Resp: 1870659
Ion Ratio Lower Upper
104 100
78 43.1 29.8 55.3





#57

1,1,2,2-Tetrachloroethane

Concen: 196.749 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV025860.D

Acq: 10 May 2022 12:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD200217

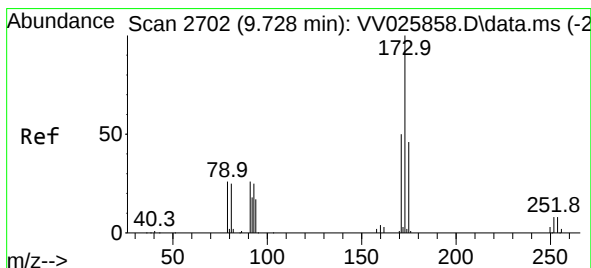
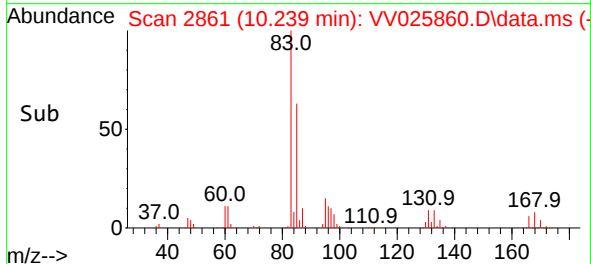
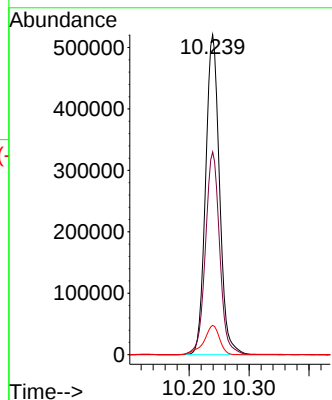
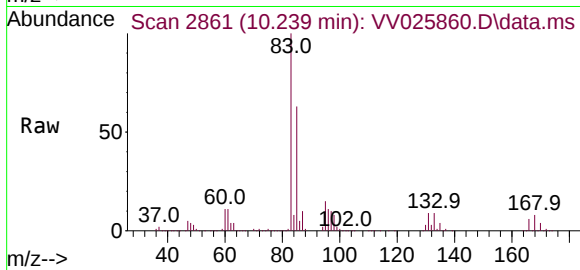
Tgt Ion: 83 Resp: 840294

Ion Ratio Lower Upper

83 100

85 63.3 44.7 82.9

131 9.2 7.5 11.3



#59

Bromoform

Concen: 207.214 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV025860.D

Acq: 10 May 2022 12:37

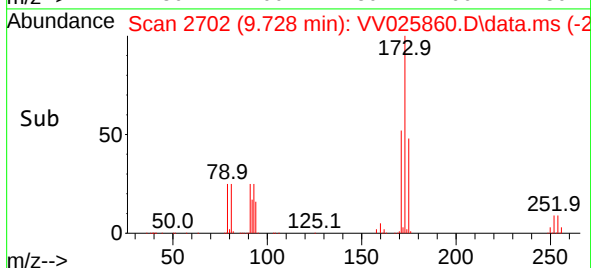
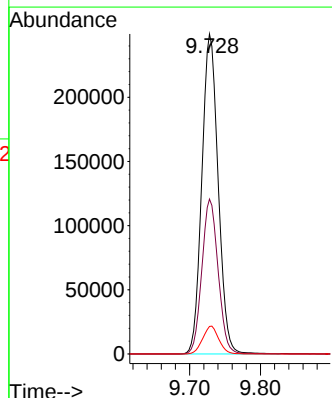
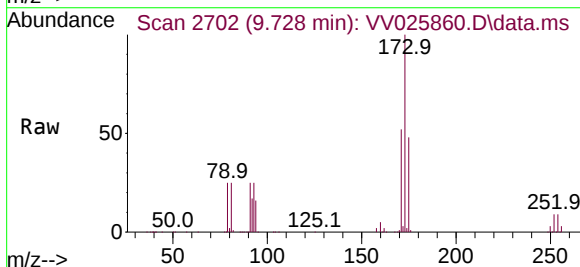
Tgt Ion: 173 Resp: 398536

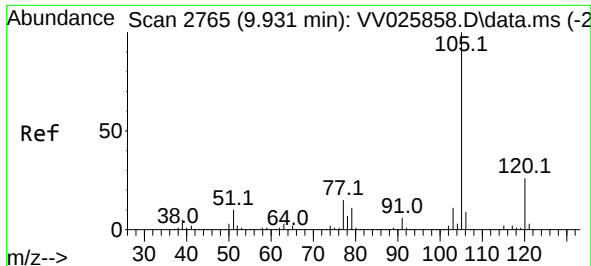
Ion Ratio Lower Upper

173 100

175 48.0 38.1 57.1

254 8.6 7.0 10.6

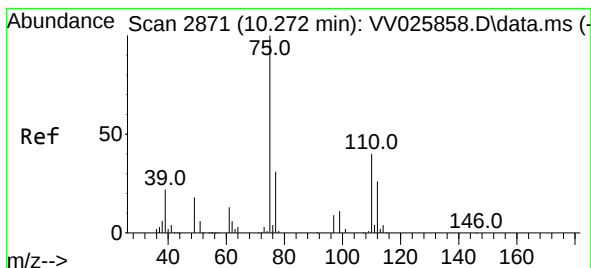
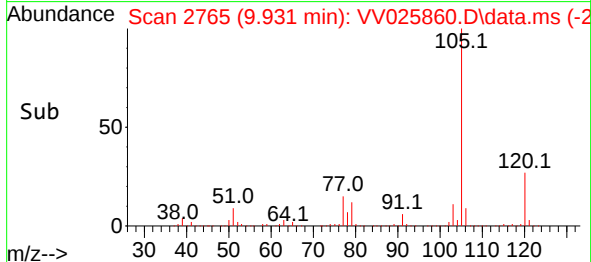
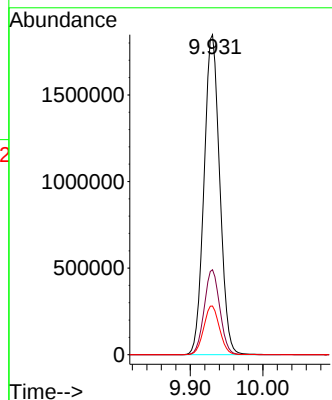
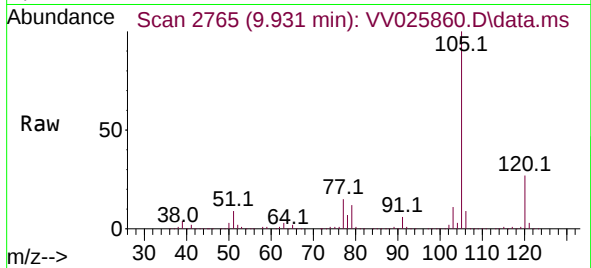




#60
Isopropylbenzene
Concen: 207.715 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

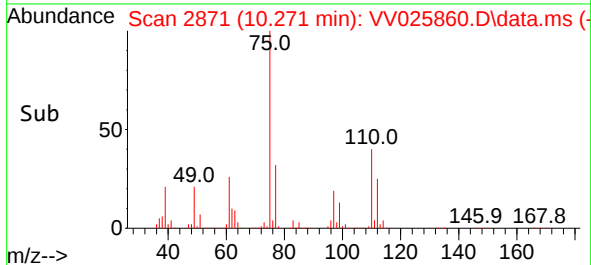
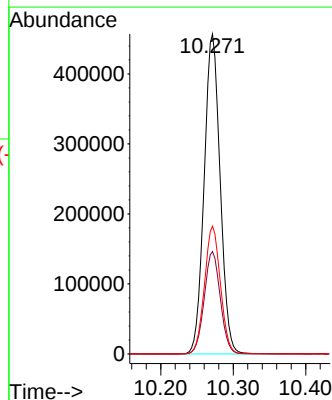
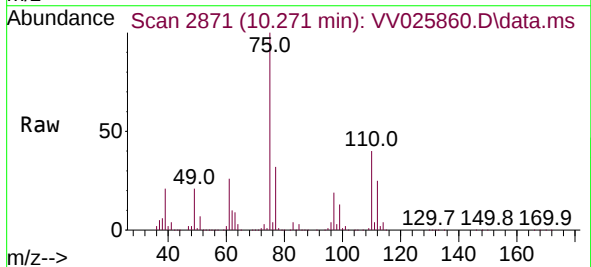
Instrument :
MSVOA_V
ClientSampleId :
VSTD200217

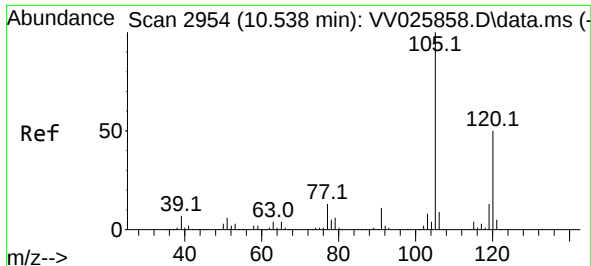
Tgt Ion:105 Resp: 2774045
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.6
77 15.3 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 177.497 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

Tgt Ion: 75 Resp: 700471
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
110 39.8 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 221.694 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV025860.D

Acq: 10 May 2022 12:37

Instrument :

MSVOA_V

ClientSampleId :

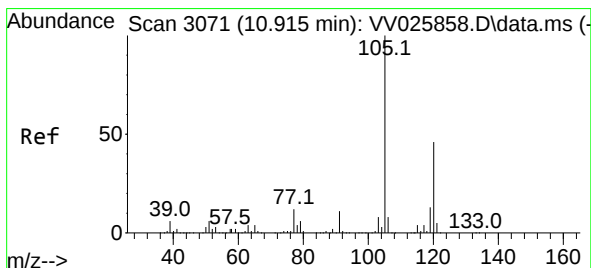
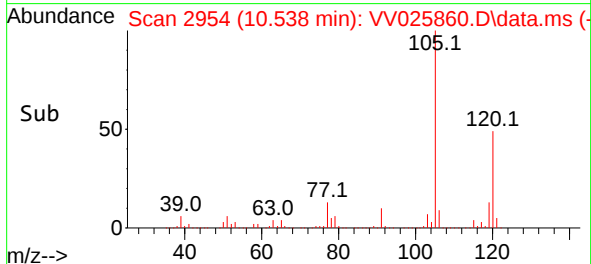
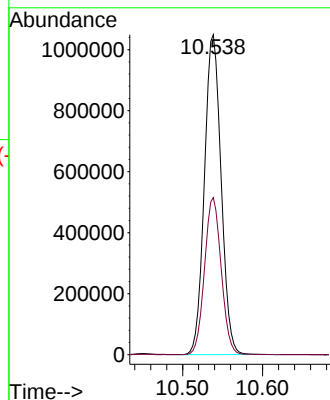
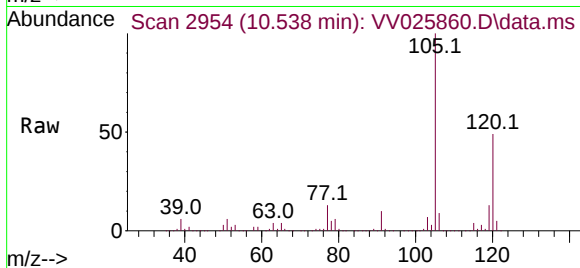
VSTD200217

Tgt Ion:105 Resp: 1526107

Ion Ratio Lower Upper

105 100

120 49.0 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 225.045 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV025860.D

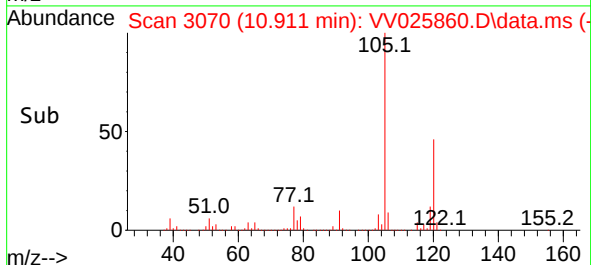
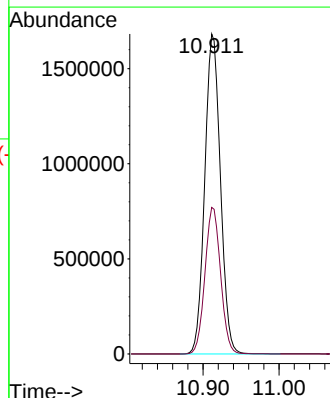
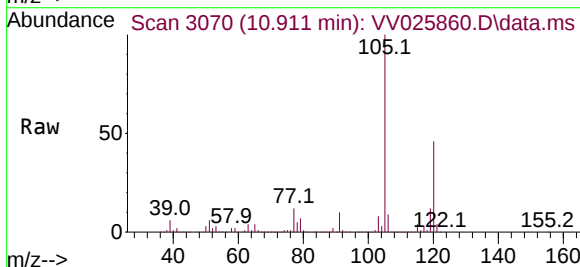
Acq: 10 May 2022 12:37

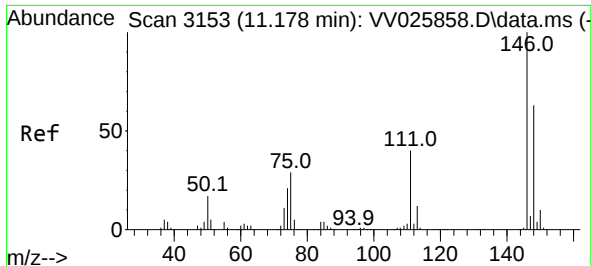
Tgt Ion:105 Resp: 2403607

Ion Ratio Lower Upper

105 100

120 45.8 36.6 55.0

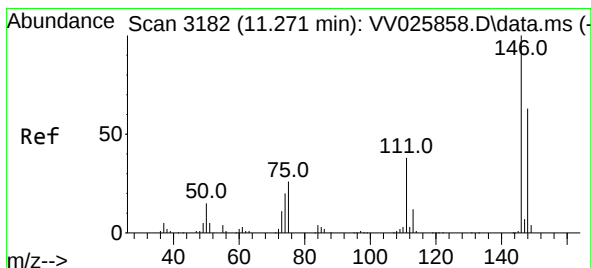
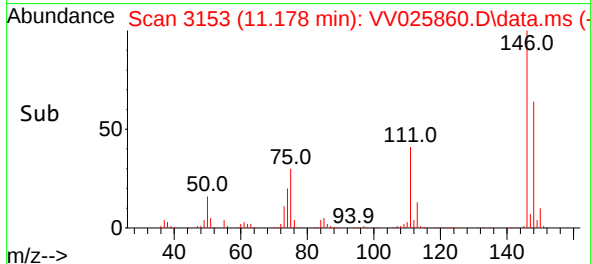
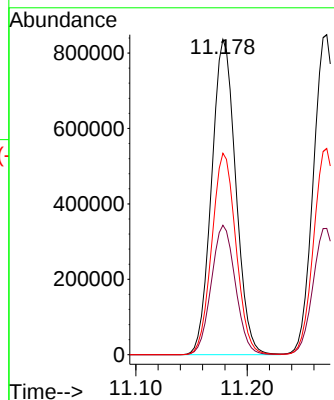
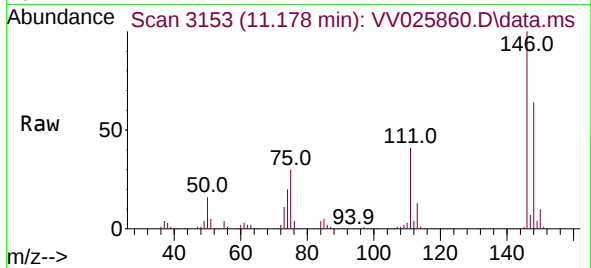




#64
 1,3-Dichlorobenzene
 Concen: 199.522 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. -0.000 min
 Lab File: VV025860.D
 Acq: 10 May 2022 12:37

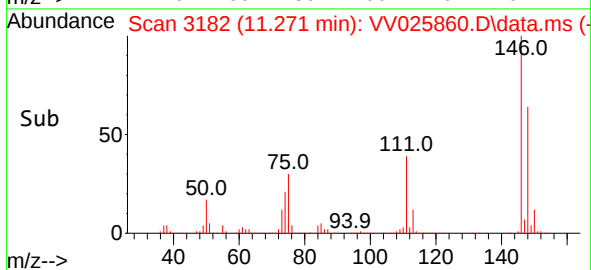
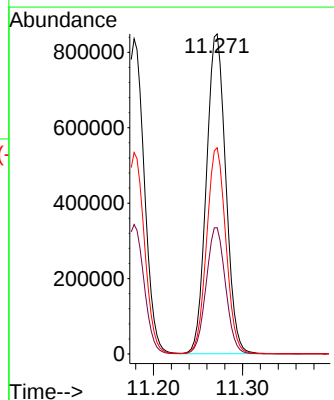
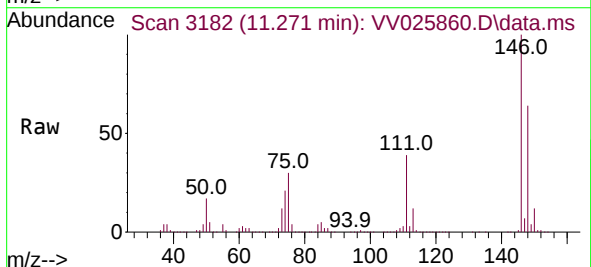
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200217

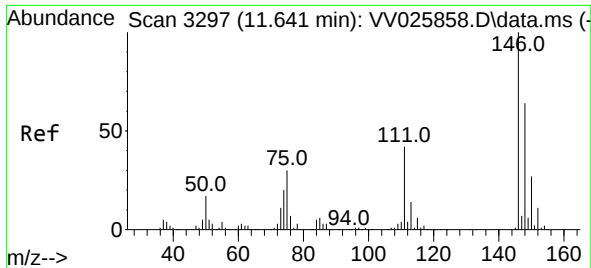
Tgt Ion:146 Resp: 1261297
 Ion Ratio Lower Upper
 146 100
 111 41.1 28.1 52.1
 148 63.9 44.0 81.8



#65
 1,4-Dichlorobenzene
 Concen: 193.382 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. -0.000 min
 Lab File: VV025860.D
 Acq: 10 May 2022 12:37

Tgt Ion:146 Resp: 1281133
 Ion Ratio Lower Upper
 146 100
 111 39.5 26.7 49.7
 148 64.5 44.2 82.2

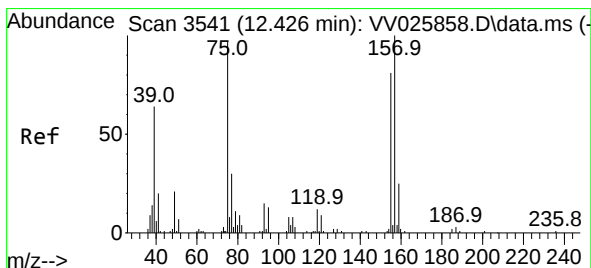
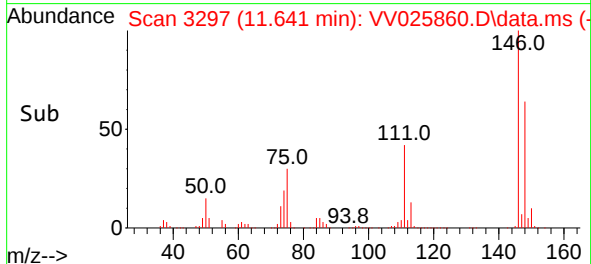
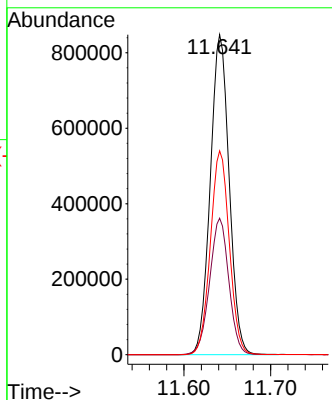
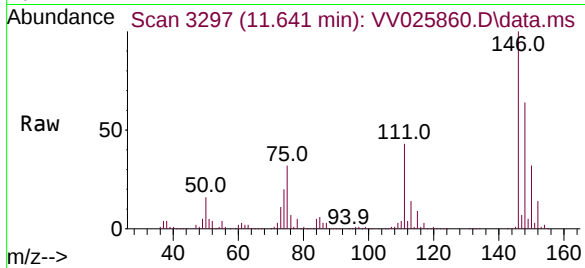




#67
 1,2-Dichlorobenzene
 Concen: 196.393 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV025860.D
 Acq: 10 May 2022 12:37

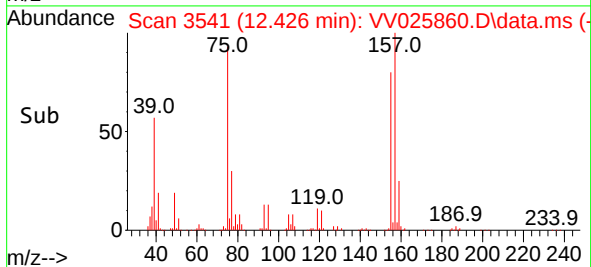
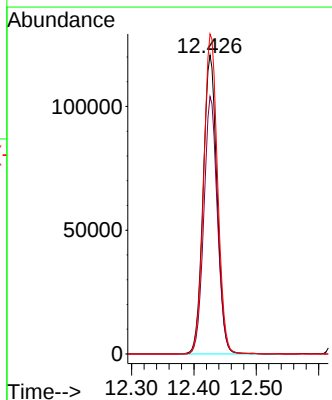
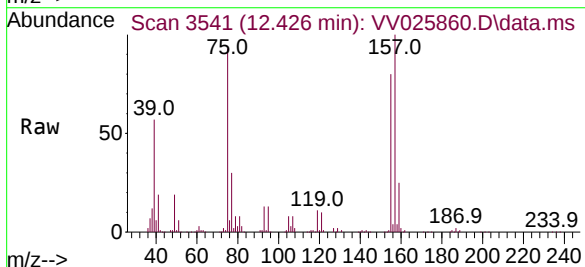
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200217

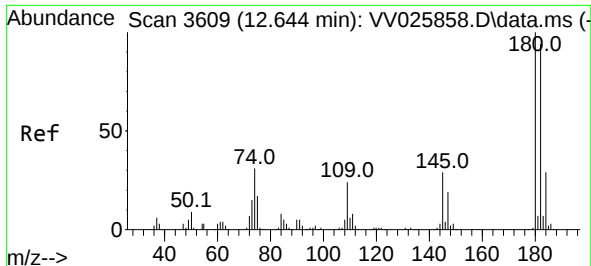
Tgt Ion:146 Resp: 1284153
 Ion Ratio Lower Upper
 146 100
 111 42.6 33.7 50.5
 148 63.7 51.4 77.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 205.613 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: VV025860.D
 Acq: 10 May 2022 12:37

Tgt Ion: 75 Resp: 187448
 Ion Ratio Lower Upper
 75 100
 155 86.1 66.8 100.2
 157 107.0 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 209.634 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV025860.D

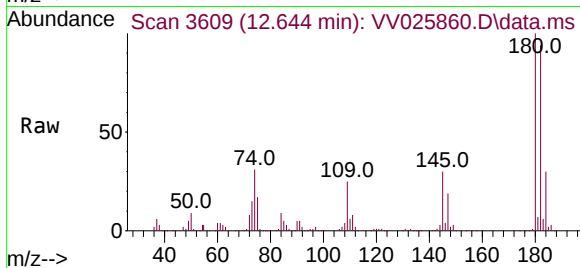
Acq: 10 May 2022 12:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD200217



Tgt Ion:180 Resp: 915025

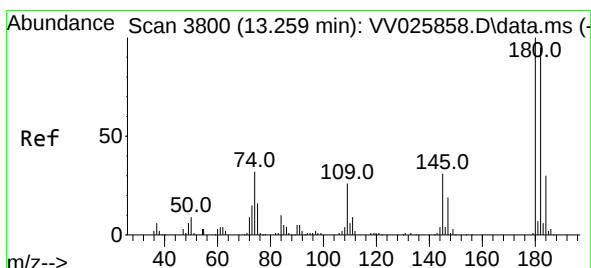
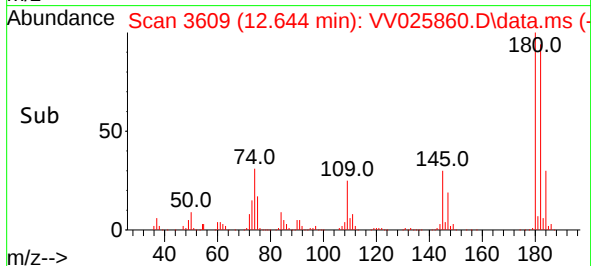
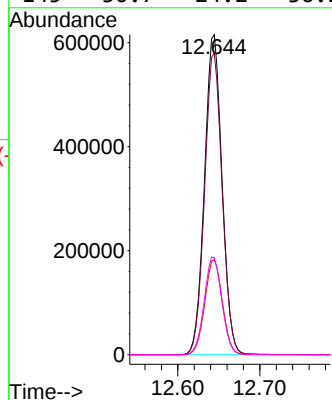
Ion Ratio Lower Upper

180 100

182 94.4 75.1 112.7

184 29.8 23.6 35.4

145 30.7 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 217.469 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV025860.D

Acq: 10 May 2022 12:37

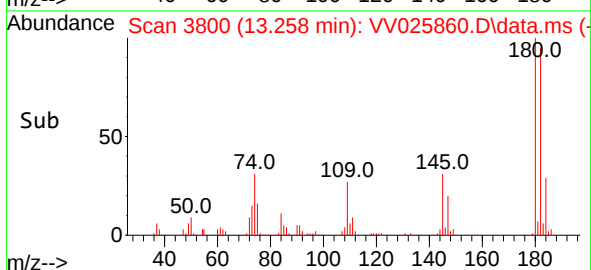
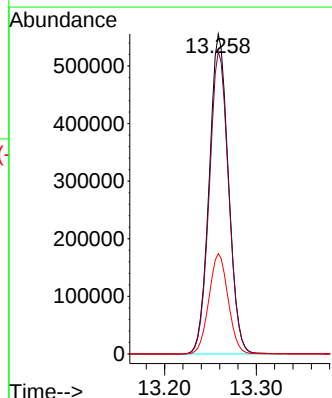
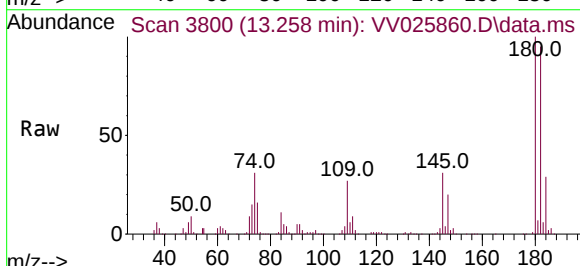
Tgt Ion:180 Resp: 808300

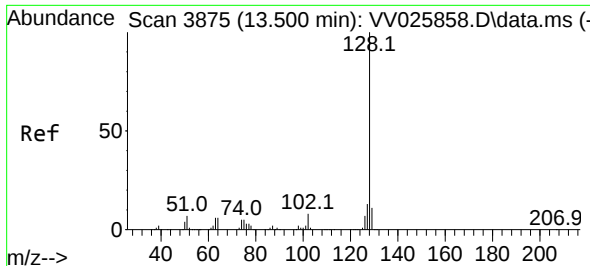
Ion Ratio Lower Upper

180 100

182 95.1 74.8 112.2

145 31.4 24.8 37.2

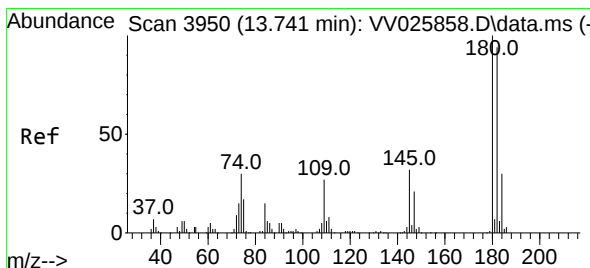
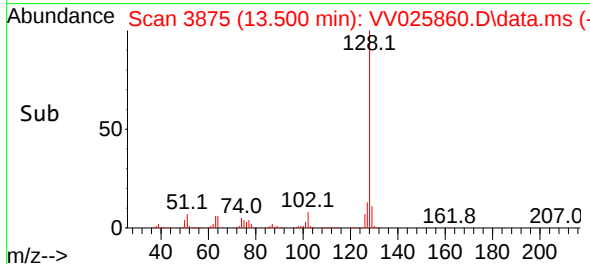
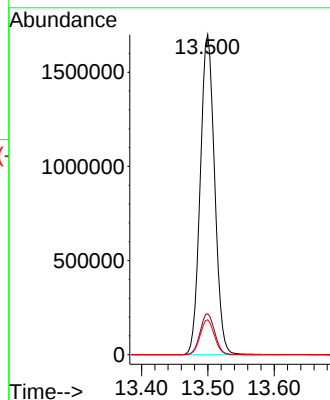
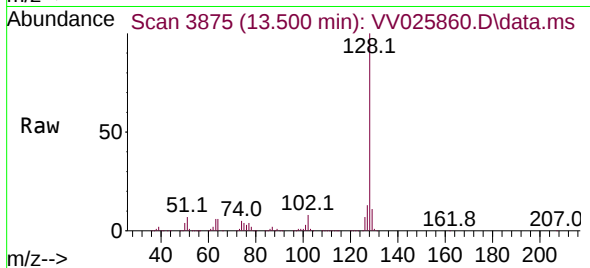




#71
Naphthalene
Concen: 232.154 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD200217

Tgt Ion:128 Resp: 2555455
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 208.676 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025860.D
Acq: 10 May 2022 12:37

Tgt Ion:180 Resp: 790390
Ion Ratio Lower Upper
180 100
182 95.1 75.8 113.8
145 33.4 26.3 39.5

