

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051022\
 Data File : VV025858.D
 Acq On : 10 May 2022 11:49
 Operator : SY/MD
 Sample : VSTD05015
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050215

Quant Time: May 11 03:18:37 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	277907	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	281336	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	158427	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	168665	47.026	ug/L	0.00
7) Chloroethane-d5	1.571	69	150345	47.733	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	291867	46.528	ug/L	0.00
21) 2-Butanone-d5	3.889	46	146429	94.559	ug/L	0.00
24) Chloroform-d	4.349	84	234918	46.893	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	144324	47.669	ug/L	0.00
32) Benzene-d6	5.050	84	472716	48.198	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	144428	47.945	ug/L	0.00
41) Toluene-d8	7.313	98	436139	48.264	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	61949	46.069	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	106661	95.078	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	188027	46.806	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	157702	45.379	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	137459	47.840	ug/L	100
3) Chloromethane	1.243	50	159443	45.883	ug/L	100
5) Vinyl chloride	1.314	62	164942	46.688	ug/L	100
6) Bromomethane	1.526	94	101809	47.424	ug/L	100
8) Chloroethane	1.587	64	128340	48.643	ug/L	100
9) Trichlorofluoromethane	1.754	101	227890	45.390	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	125067	46.886	ug/L	100
12) 1,1-Dichloroethene	2.121	96	122572	46.719	ug/L	100
13) Acetone	2.179	43	97365	92.809	ug/L	100
14) Carbon disulfide	2.298	76	308252	47.501	ug/L	100
15) Methyl Acetate	2.436	43	103564	46.080	ug/L	100
16) Methylene chloride	2.510	84	119039	46.843	ug/L	100
17) trans-1,2-Dichloroethene	2.764	96	107023	47.480	ug/L	100
18) Methyl tert-butyl Ether	2.770	73	312131	47.613	ug/L	100
19) 1,1-Dichloroethane	3.191	63	200897	47.718	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	115767	47.581	ug/L	100
22) 2-Butanone	3.973	43	130019	94.490	ug/L	100
23) Bromochloromethane	4.249	128	62499	48.633	ug/L	100
25) Chloroform	4.378	83	210372	47.154	ug/L	100
27) 1,2-Dichloroethane	5.130	62	160953	47.718	ug/L	100
29) Cyclohexane	4.680	56	164476	48.290	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	179969	47.102	ug/L	100
31) Carbon tetrachloride	4.828	117	152647	47.586	ug/L	100
33) Benzene	5.098	78	464254	49.008	ug/L	100
34) Trichloroethene	5.912	95	117887	47.579	ug/L	100
35) Methylcyclohexane	6.130	83	178279	48.043	ug/L	100
37) 1,2-Dichloropropane	6.172	63	118686	49.875	ug/L	100
38) Bromodichloromethane	6.510	83	153507	47.703	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	161025	47.451	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	278040	99.957	ug/L	100
42) Toluene	7.387	91	498684	49.072	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	156190	47.842	ug/L	100

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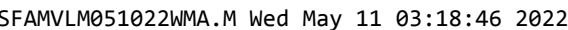
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050215

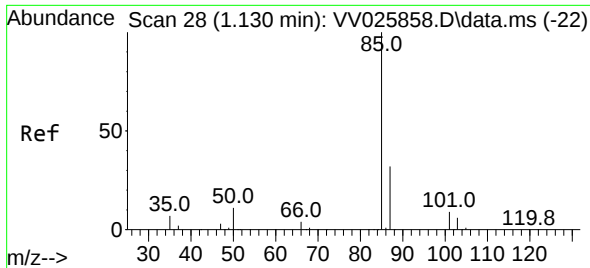
Quant Time: May 11 03:18:37 2022
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 Quant Title : VOC Analysis
 QLast Update : Wed May 11 03:13:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	116452	48.162	ug/L	100
46) Tetrachloroethene	7.976	164	86900	47.547	ug/L	100
48) 2-Hexanone	8.137	43	221762	102.465	ug/L	100
49) Dibromochloromethane	8.246	129	111588	46.788	ug/L	100
50) 1,2-Dibromoethane	8.349	107	116774	47.492	ug/L	100
51) Chlorobenzene	8.879	112	310498	47.715	ug/L	100
52) Ethylbenzene	9.011	91	510064	48.650	ug/L	100
53) m,p-Xylene	9.136	106	200801	49.378	ug/L	100
54) o-Xylene	9.542	106	195056	48.829	ug/L	100
55) Styrene	9.558	104	349561	50.220	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	172138	47.716	ug/L	100
59) Bromoform	9.728	173	70693	46.257	ug/L	100
60) Isopropylbenzene	9.931	105	505139	47.601	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	144067	45.943	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	255959	46.794	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	410190	48.333	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	232523	46.290	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	240064	45.604	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	237700	45.750	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	34295	47.342	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	157580	45.434	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	133999	45.371	ug/L	100
71) Naphthalene	13.500	128	414334	47.371	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	139904	46.485	ug/L	100

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

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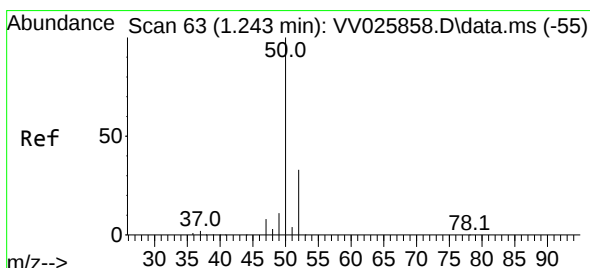
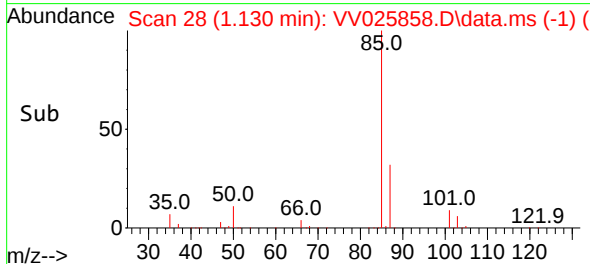
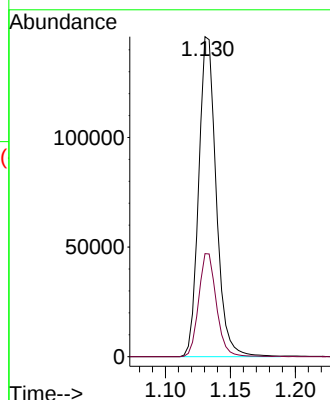
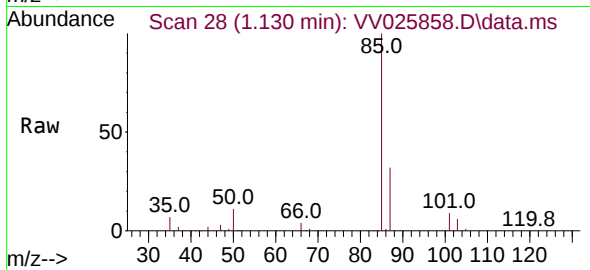




#2
 Dichlorodifluoromethane
 Concen: 47.840 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025858.D
 Acq: 10 May 2022 11:49

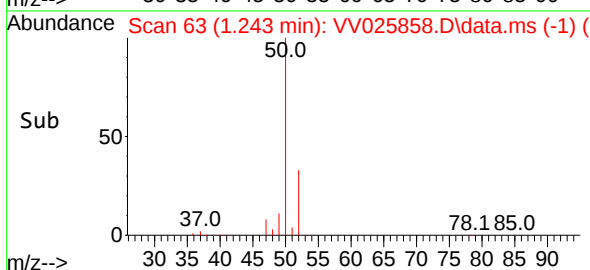
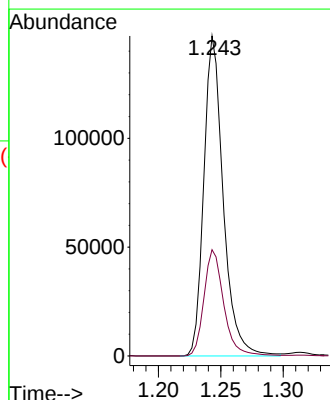
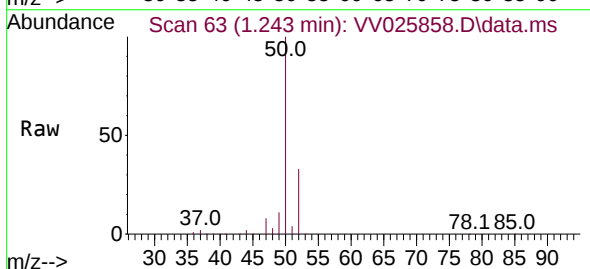
Instrument :
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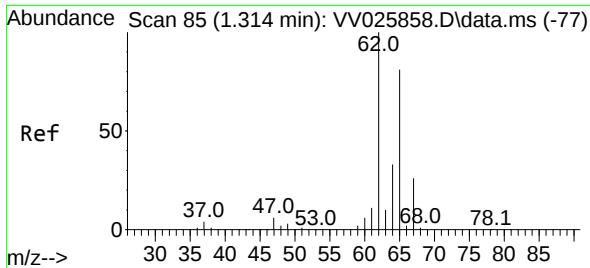
Tgt Ion: 85 Resp: 137459
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 45.883 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025858.D
 Acq: 10 May 2022 11:49

Tgt Ion: 50 Resp: 159443
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.2

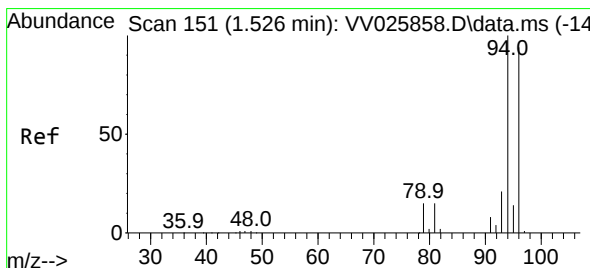
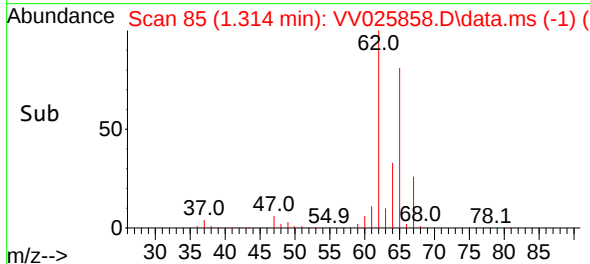
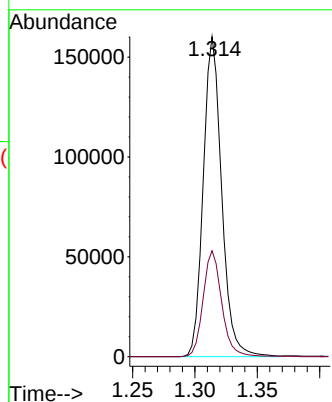
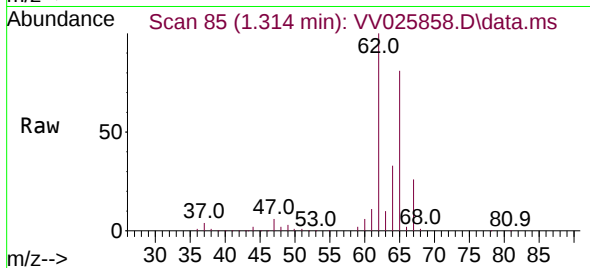




#5
 Vinyl chloride
 Concen: 46.688 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025858.D
 Acq: 10 May 2022 11:49

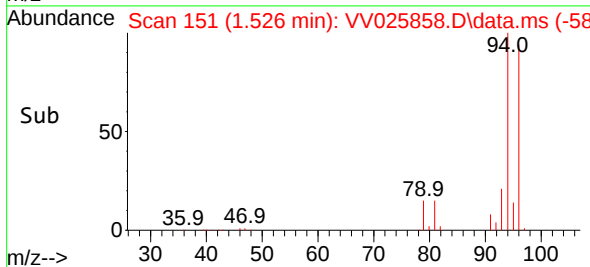
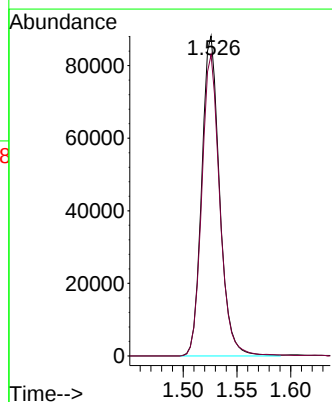
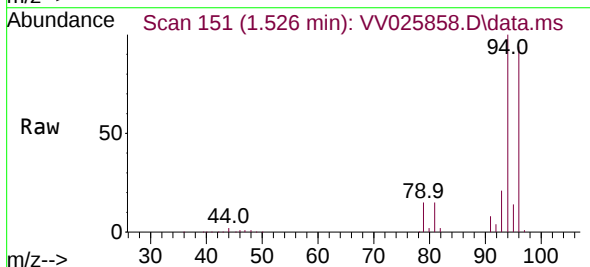
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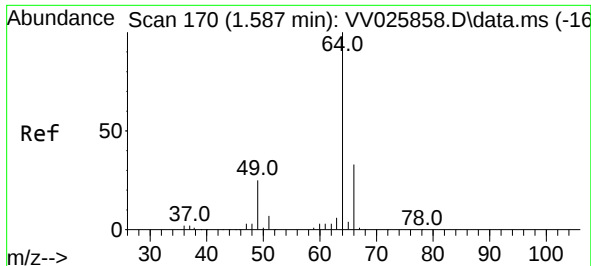
Tgt Ion: 62 Resp: 164942
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.0



#6
 Bromomethane
 Concen: 47.424 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV025858.D
 Acq: 10 May 2022 11:49

Tgt Ion: 94 Resp: 101809
 Ion Ratio Lower Upper
 94 100
 96 94.1 65.9 122.3

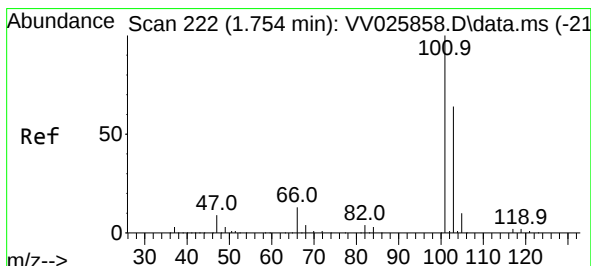
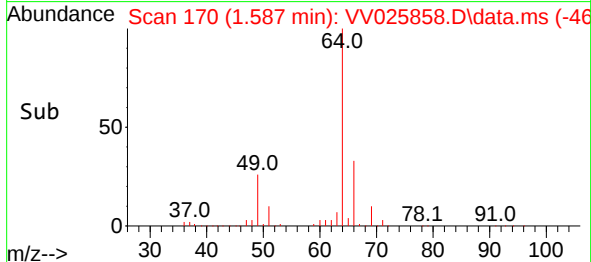
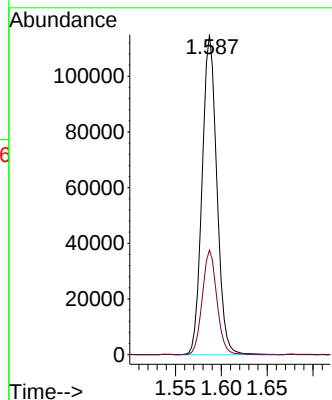
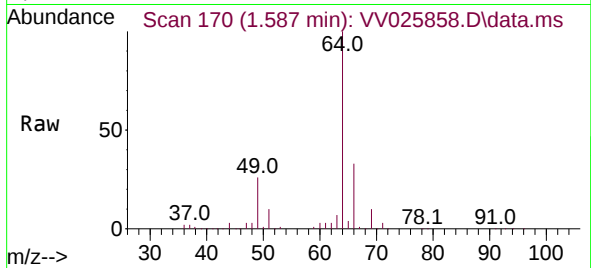




#8
Chloroethane
Concen: 48.643 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

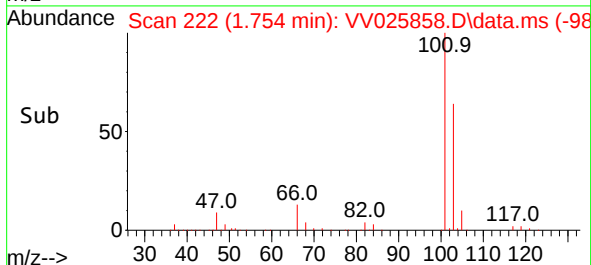
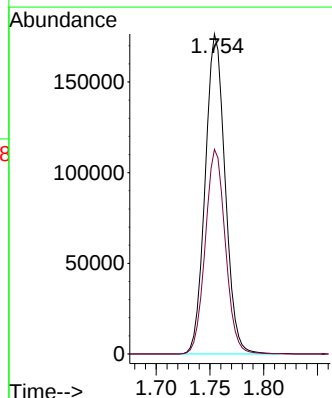
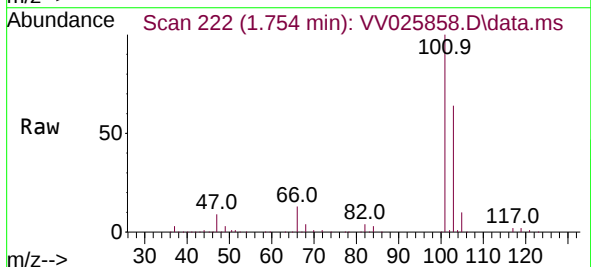
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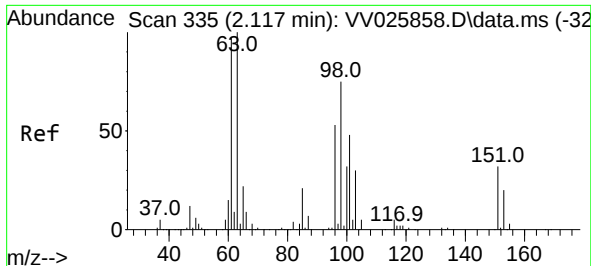
Tgt Ion: 64 Resp: 128340
Ion Ratio Lower Upper
64 100
66 32.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 45.390 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

Tgt Ion:101 Resp: 227890
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

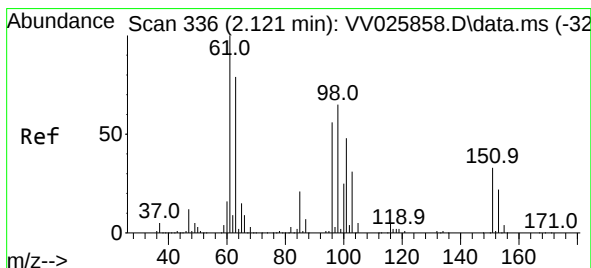
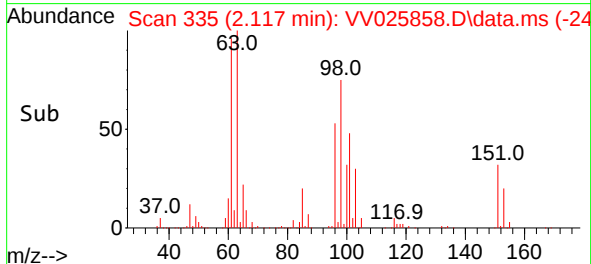
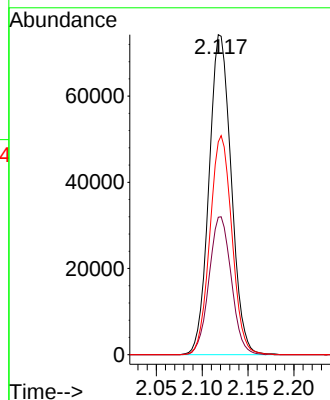
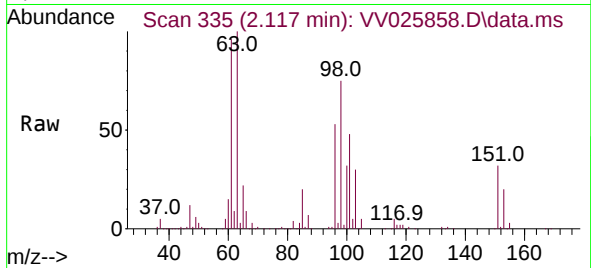




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.886 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV025858.D
 Acq: 10 May 2022 11:49

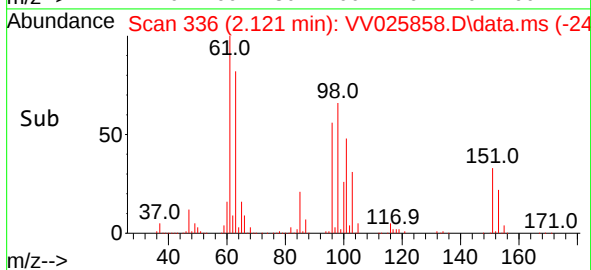
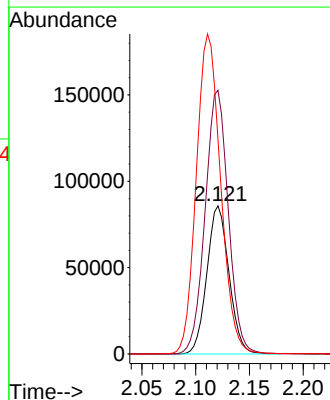
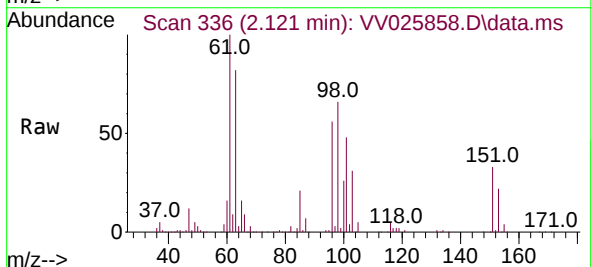
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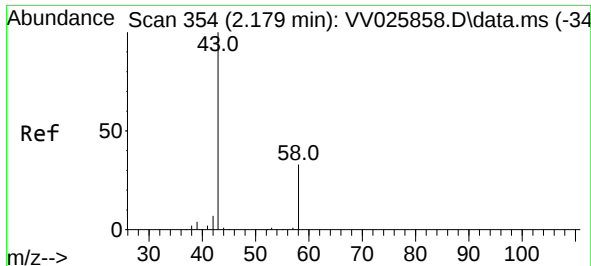
Tgt Ion:101 Resp: 125067
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.6 51.8
 151 67.9 54.3 81.5



#12
 1,1-Dichloroethene
 Concen: 46.719 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025858.D
 Acq: 10 May 2022 11:49

Tgt Ion: 96 Resp: 122572
 Ion Ratio Lower Upper
 96 100
 61 178.0 124.6 231.4
 63 145.1 101.6 188.6





#13

Acetone

Concen: 92.809 ug/L

RT: 2.179 min Scan# 354

Delta R.T. 0.000 min

Lab File: VV025858.D

Acq: 10 May 2022 11:49

Instrument :

MSVOA_V

ClientSampleId :

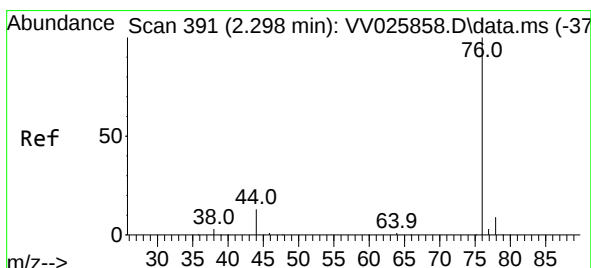
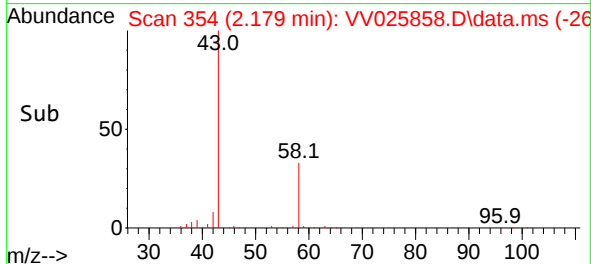
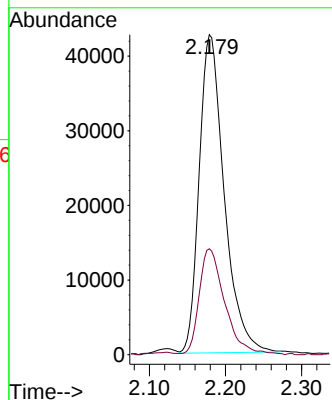
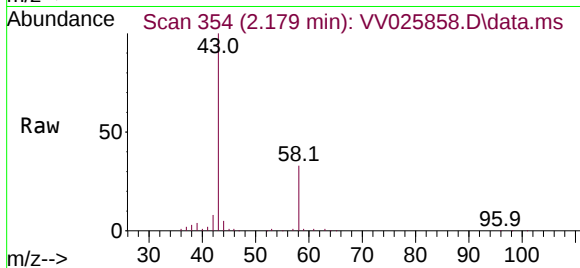
VSTD050215

Tgt Ion: 43 Resp: 97365

Ion Ratio Lower Upper

43 100

58 32.5 0.0 65.0



#14

Carbon disulfide

Concen: 47.501 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV025858.D

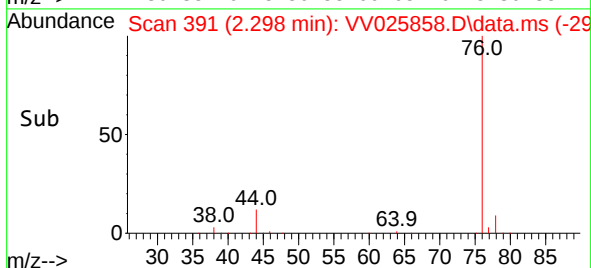
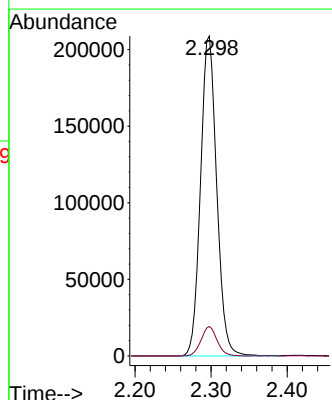
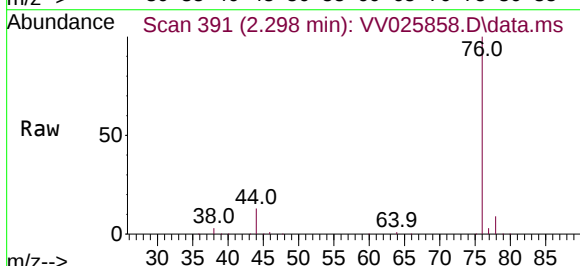
Acq: 10 May 2022 11:49

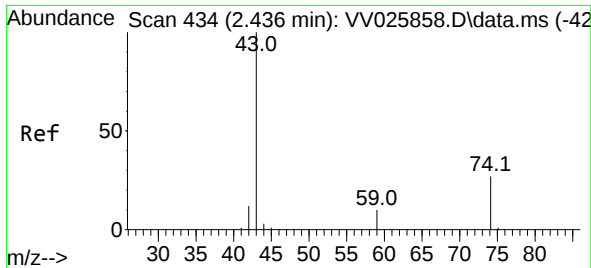
Tgt Ion: 76 Resp: 308252

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

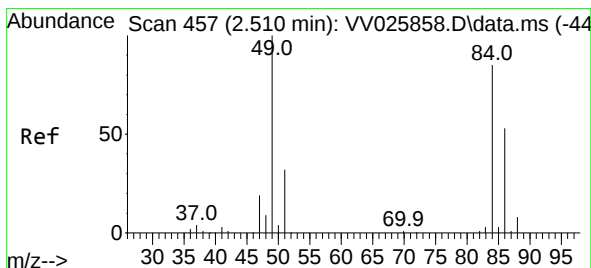
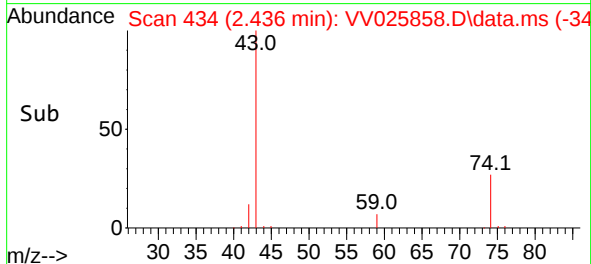
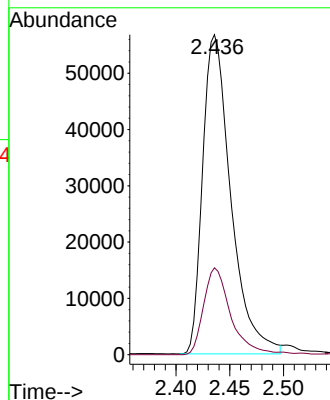
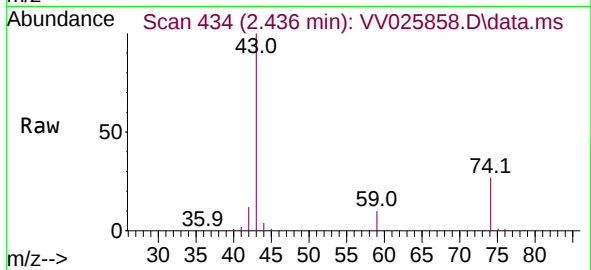




#15
Methyl Acetate
Concen: 46.080 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

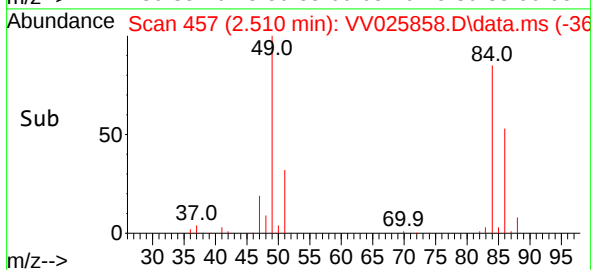
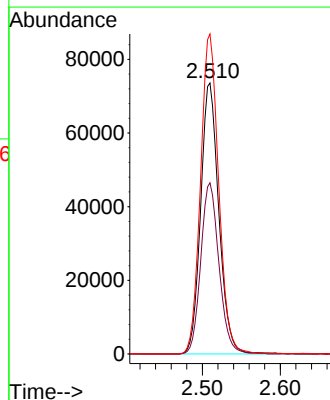
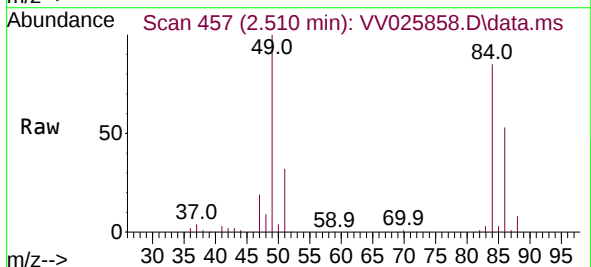
Instrument :
MSVOA_V
ClientSampleId :
VSTD050215

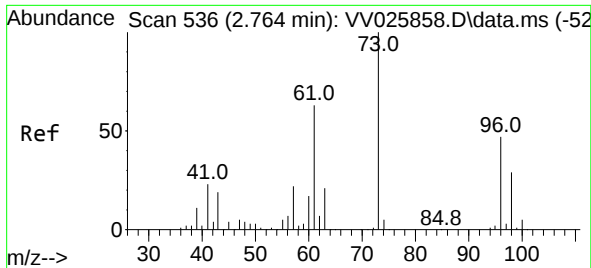
Tgt Ion: 43 Resp: 103564
Ion Ratio Lower Upper
43 100
74 25.9 20.7 31.1



#16
Methylene chloride
Concen: 46.843 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

Tgt Ion: 84 Resp: 119039
Ion Ratio Lower Upper
84 100
86 63.1 44.2 82.0
49 118.1 82.7 153.5

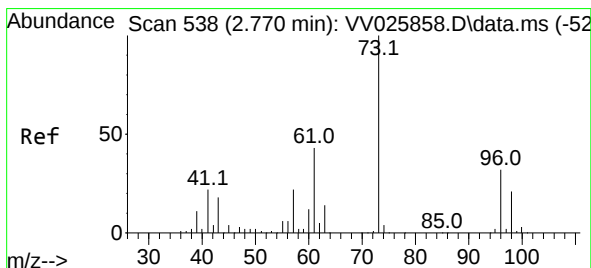
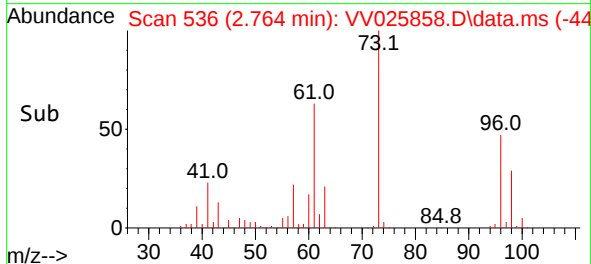
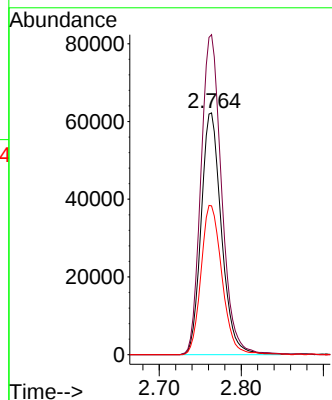
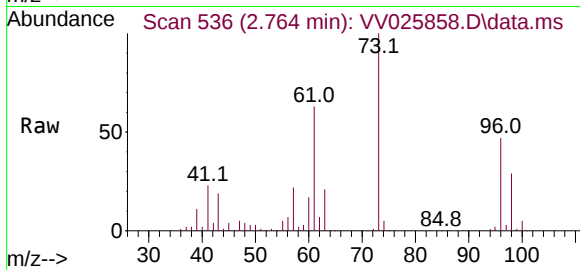




#17
trans-1,2-Dichloroethene
Concen: 47.480 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

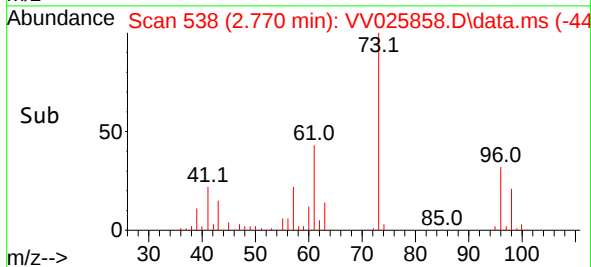
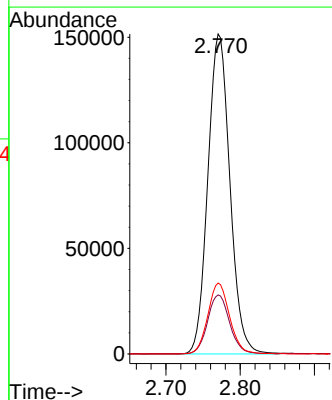
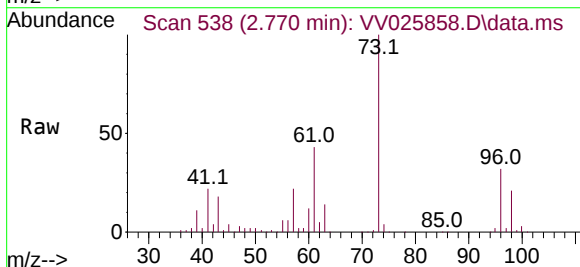
Instrument :
MSVOA_V
ClientSampleId :
VSTD050215

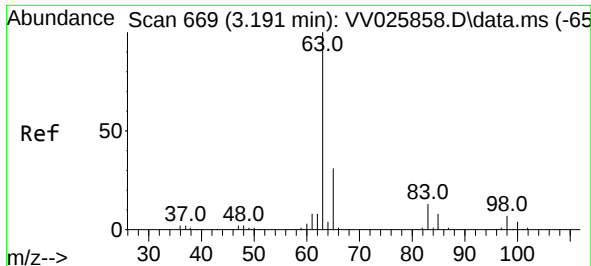
Tgt Ion: 96 Resp: 107023
Ion Ratio Lower Upper
96 100
61 132.4 92.7 172.1
98 61.6 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 47.613 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

Tgt Ion: 73 Resp: 312131
Ion Ratio Lower Upper
73 100
43 18.3 14.6 22.0
57 21.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 47.718 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.000 min

Lab File: VV025858.D

Acq: 10 May 2022 11:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD050215

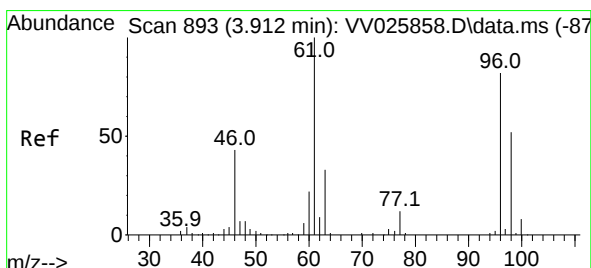
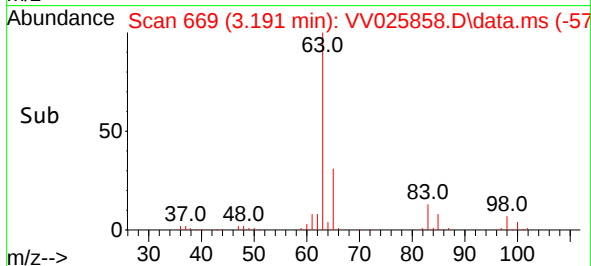
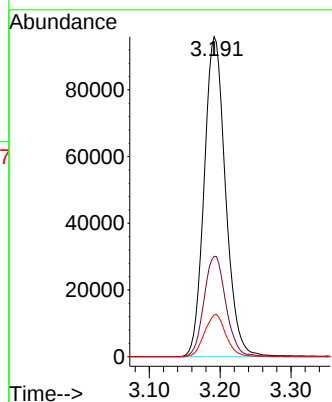
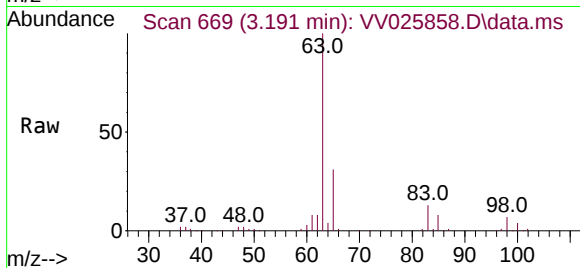
Tgt Ion: 63 Resp: 200897

Ion Ratio Lower Upper

63 100

65 31.4 22.0 40.8

83 13.1 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 47.581 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.000 min

Lab File: VV025858.D

Acq: 10 May 2022 11:49

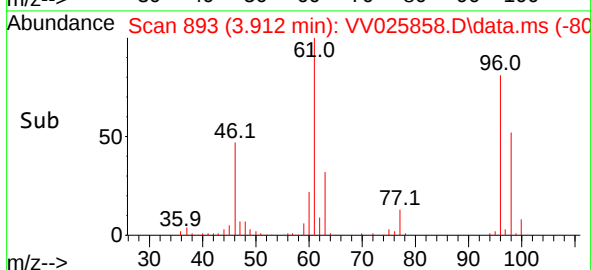
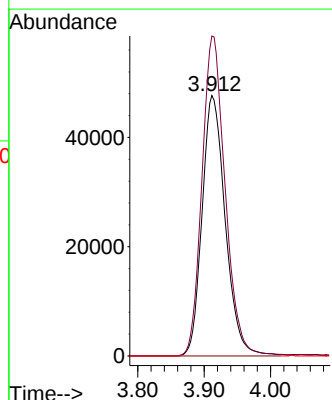
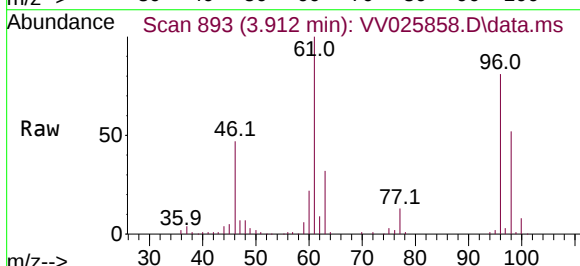
Tgt Ion: 96 Resp: 115767

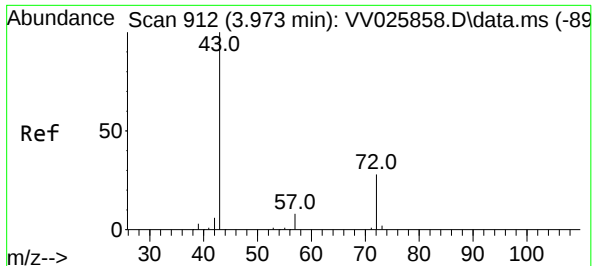
Ion Ratio Lower Upper

96 100

61 122.8 86.0 159.6

68 0.0 0.0 0.0

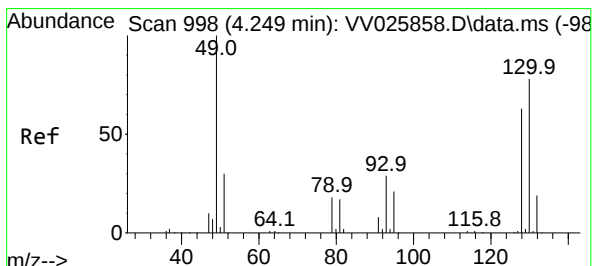
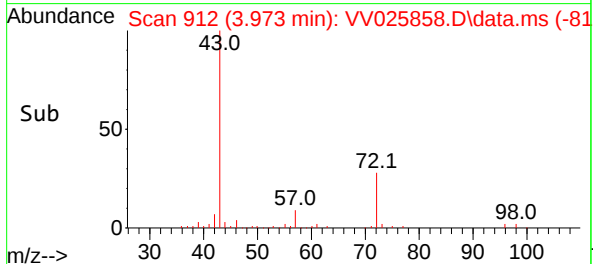
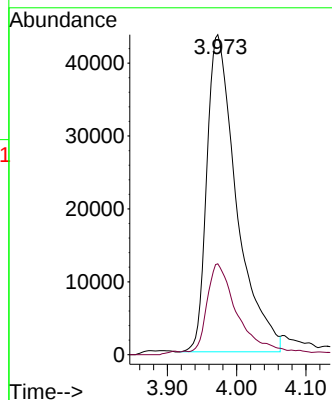
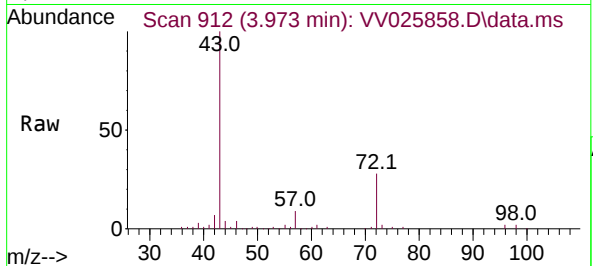




#22
2-Butanone
Concen: 94.490 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

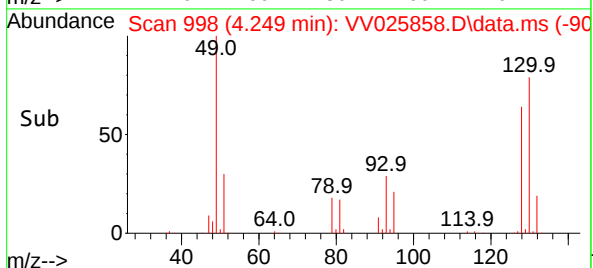
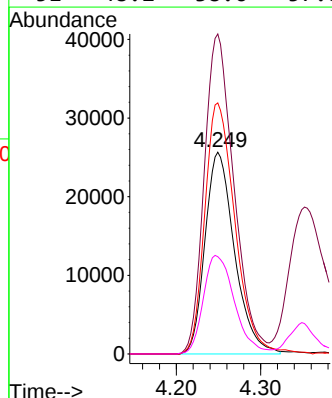
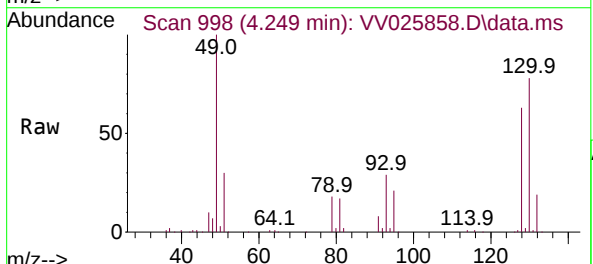
Instrument :
MSVOA_V
ClientSampleId :
VSTD050215

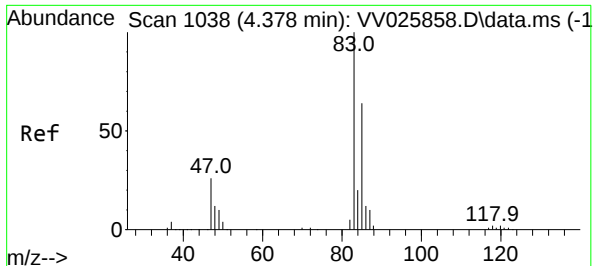
Tgt Ion: 43 Resp: 130019
Ion Ratio Lower Upper
43 100
72 27.6 13.8 41.4



#23
Bromochloromethane
Concen: 48.633 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

Tgt Ion: 128 Resp: 62499
Ion Ratio Lower Upper
128 100
49 158.6 111.0 206.2
130 124.4 87.1 161.7
51 48.2 38.6 57.8





#25

Chloroform

Concen: 47.154 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV025858.D

Acq: 10 May 2022 11:49

Instrument :

MSVOA_V

ClientSampleId :

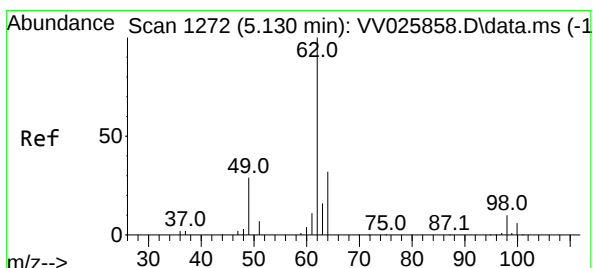
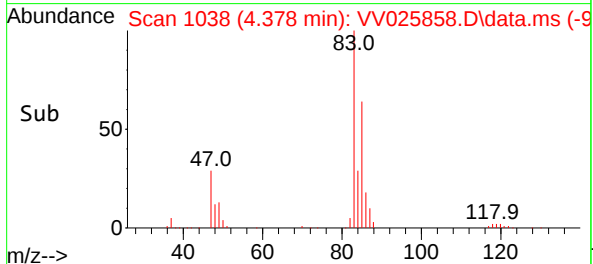
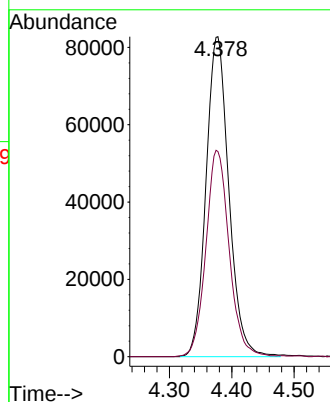
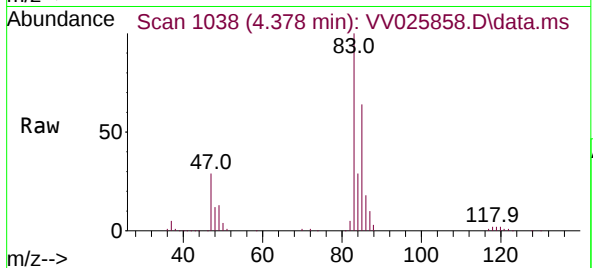
VSTD050215

Tgt Ion: 83 Resp: 210372

Ion Ratio Lower Upper

83 100

85 64.1 44.9 83.3



#27

1,2-Dichloroethane

Concen: 47.718 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV025858.D

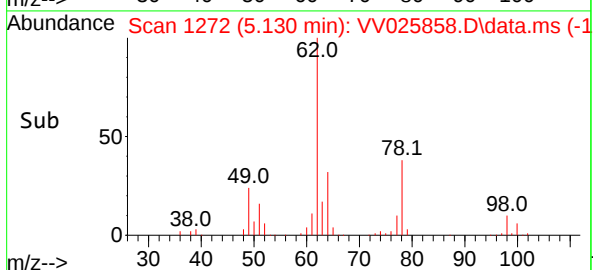
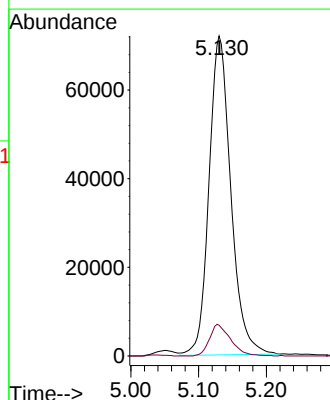
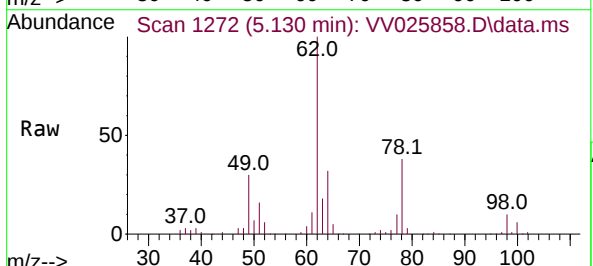
Acq: 10 May 2022 11:49

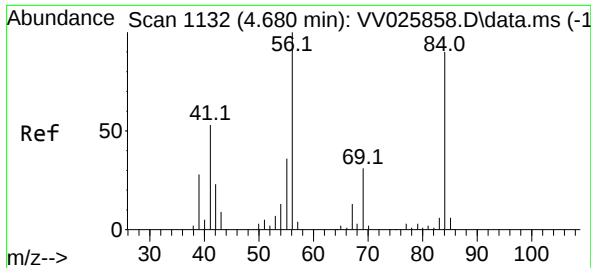
Tgt Ion: 62 Resp: 160953

Ion Ratio Lower Upper

62 100

98 9.6 7.7 11.5

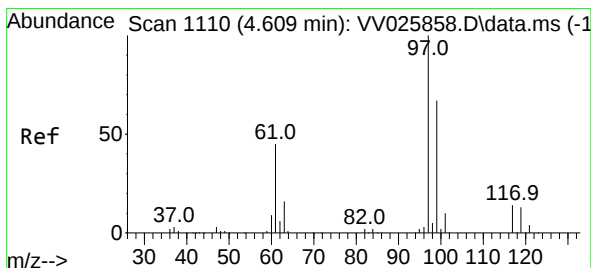
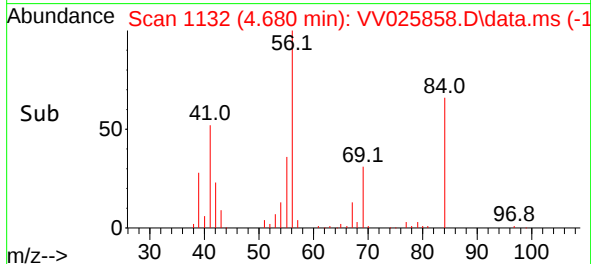
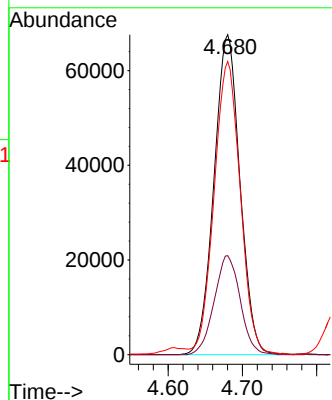
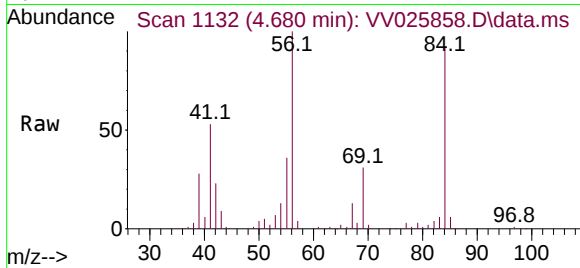




#29
Cyclohexane
Concen: 48.290 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

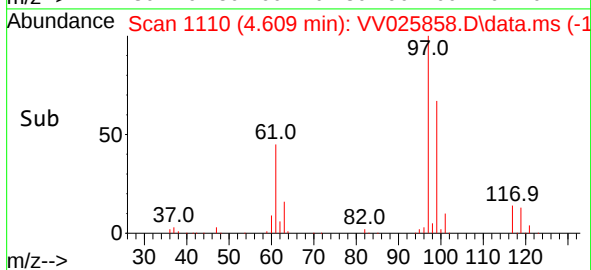
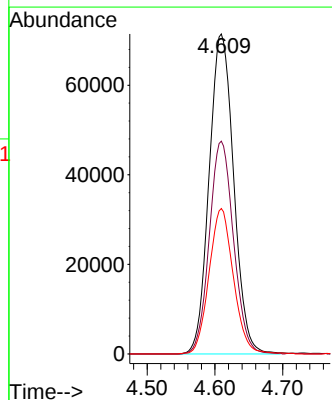
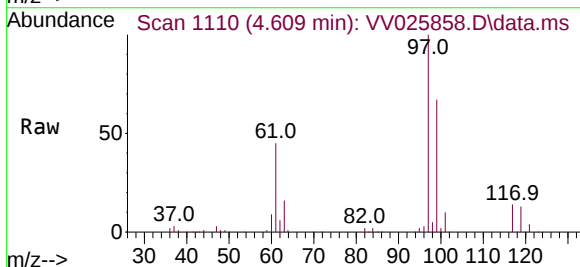
Instrument :
MSVOA_V
ClientSampleId :
VSTD050215

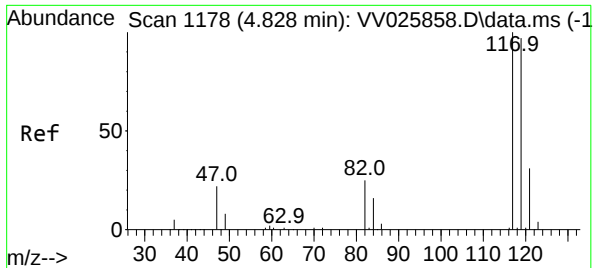
Tgt Ion:	56	Resp:	164476
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.8	37.2
84	92.3	73.8	110.8



#30
1,1,1-Trichloroethane
Concen: 47.102 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

Tgt Ion:	97	Resp:	179969
Ion	Ratio	Lower	Upper
97	100		
99	65.7	52.6	78.8
61	44.5	35.6	53.4

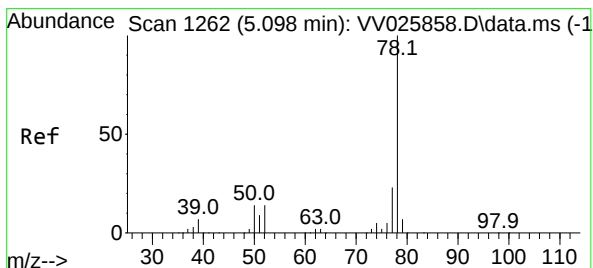
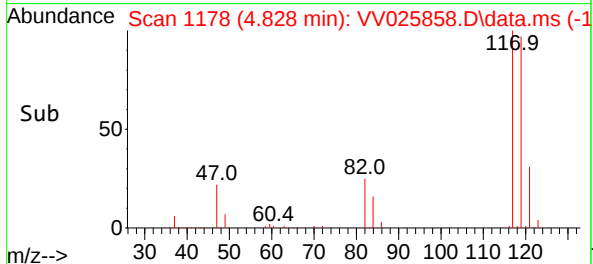
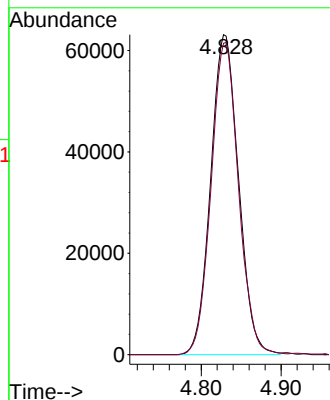
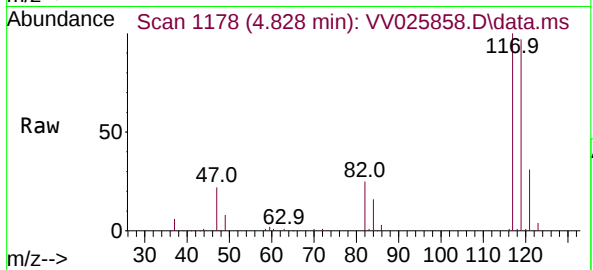




#31
Carbon tetrachloride
Concen: 47.586 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

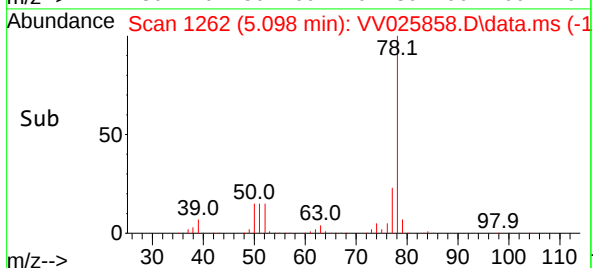
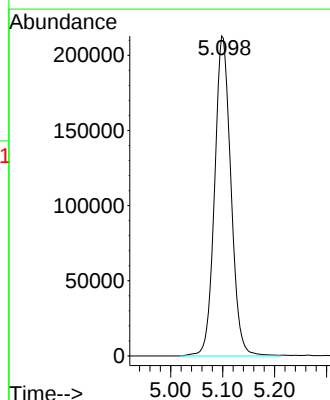
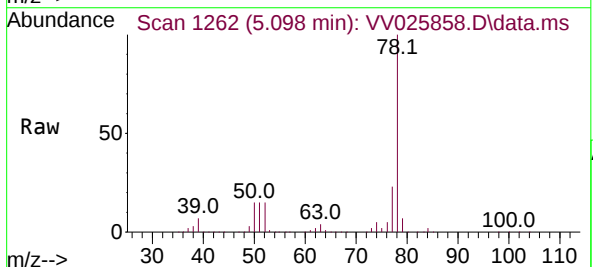
Instrument :
MSVOA_V
ClientSampleId :
VSTD050215

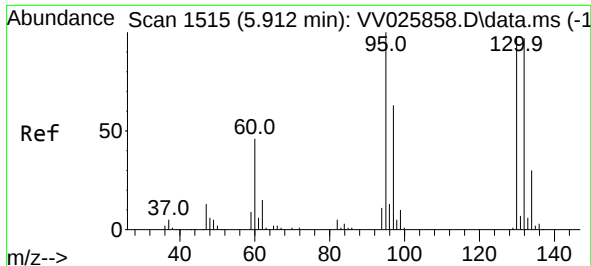
Tgt Ion:117 Resp: 152647
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 49.008 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

Tgt Ion: 78 Resp: 464254

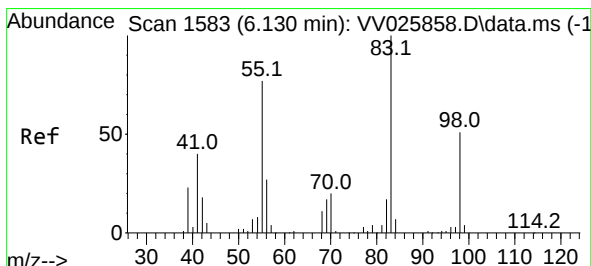
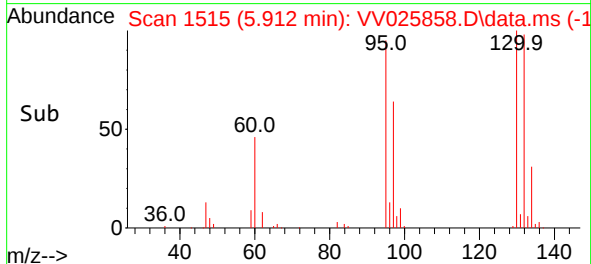
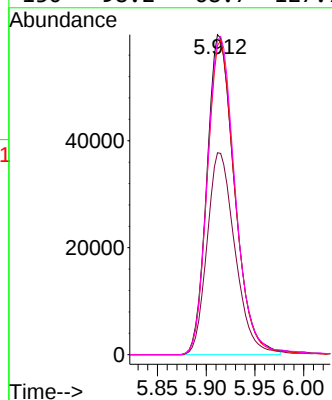
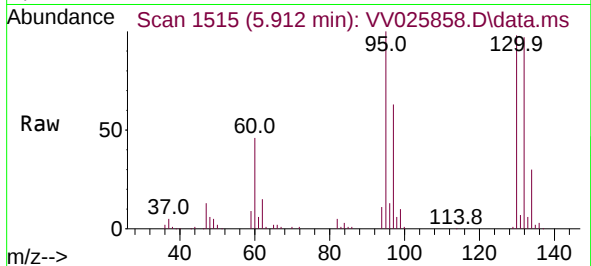




#34
Trichloroethene
Concen: 47.579 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

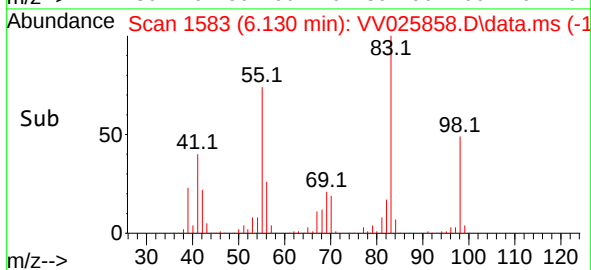
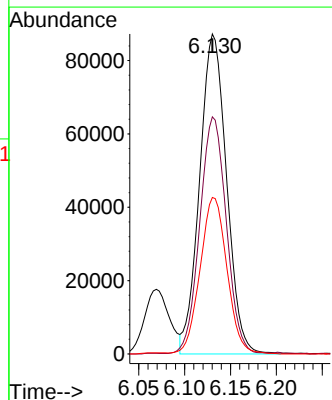
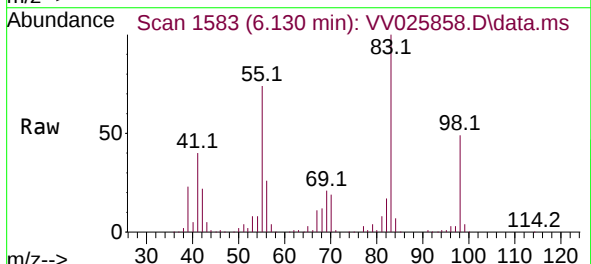
Instrument :
MSVOA_V
ClientSampleId :
VSTD050215

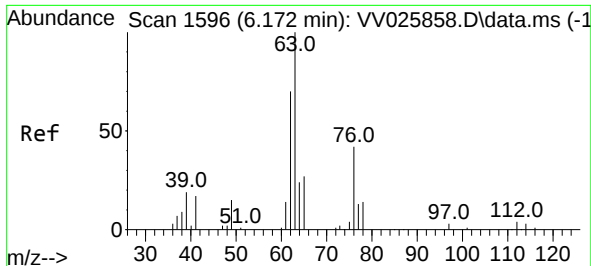
Tgt Ion: 95 Resp: 117887
Ion Ratio Lower Upper
95 100
97 63.1 44.2 82.0
132 96.7 67.7 125.7
130 98.2 68.7 127.7



#35
Methylcyclohexane
Concen: 48.043 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

Tgt Ion: 83 Resp: 178279
Ion Ratio Lower Upper
83 100
55 73.2 58.6 87.8
98 48.9 39.1 58.7





#37

1,2-Dichloropropane

Concen: 49.875 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV025858.D

Acq: 10 May 2022 11:49

Instrument :

MSVOA_V

ClientSampleId :

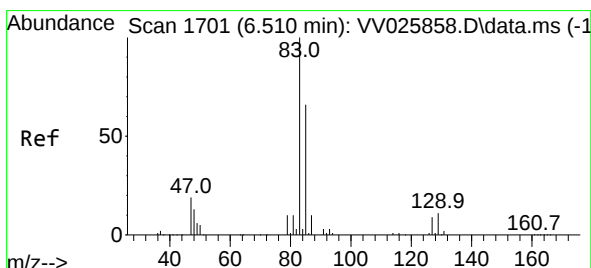
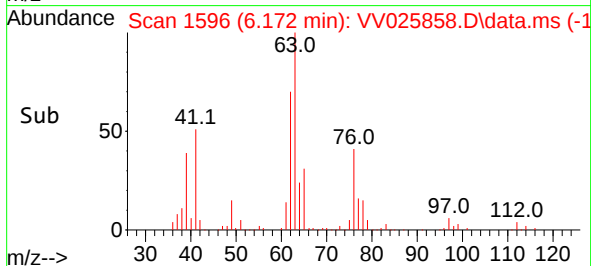
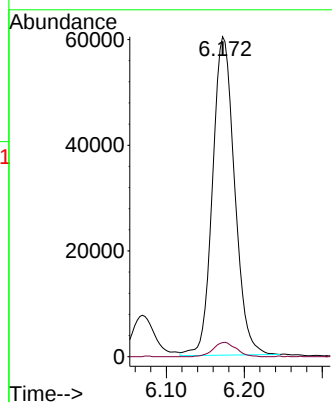
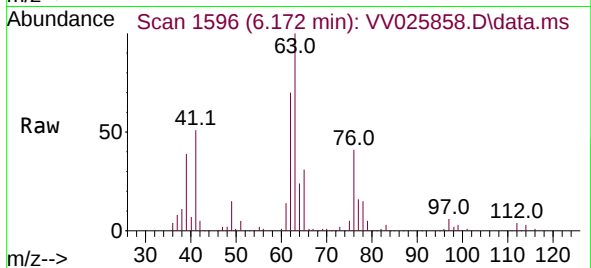
VSTD050215

Tgt Ion: 63 Resp: 118686

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 47.703 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV025858.D

Acq: 10 May 2022 11:49

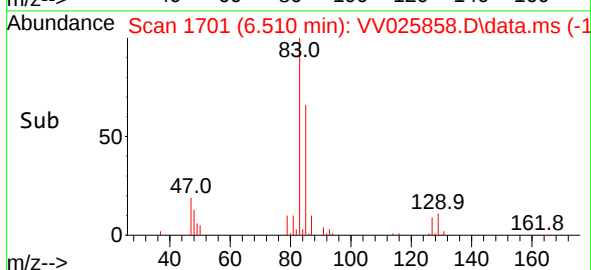
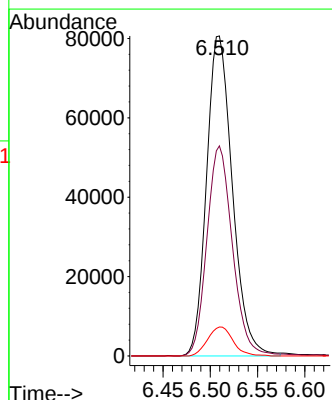
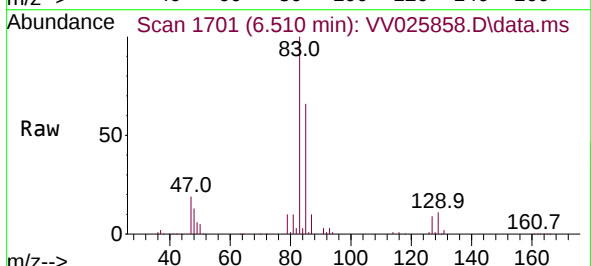
Tgt Ion: 83 Resp: 153507

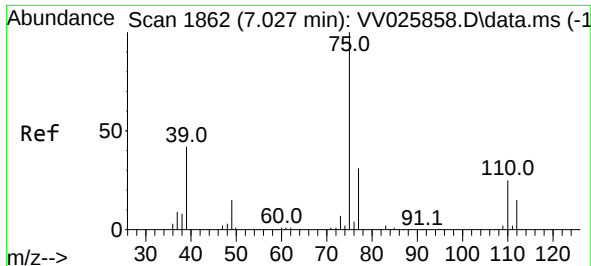
Ion Ratio Lower Upper

83 100

85 65.7 46.0 85.4

127 9.1 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 47.451 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV025858.D

Acq: 10 May 2022 11:49

Instrument :

MSVOA_V

ClientSampleId :

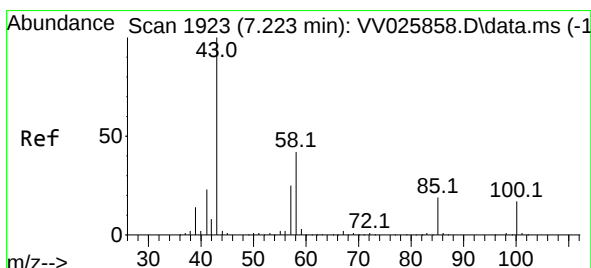
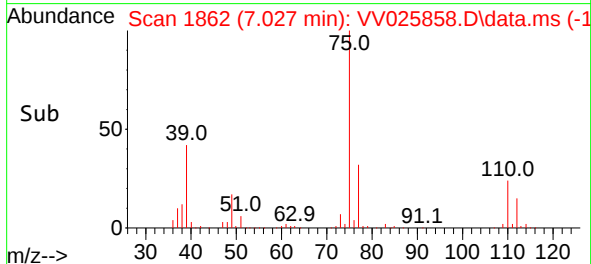
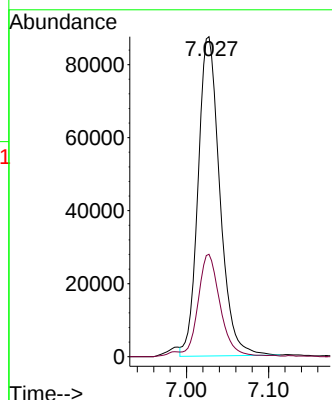
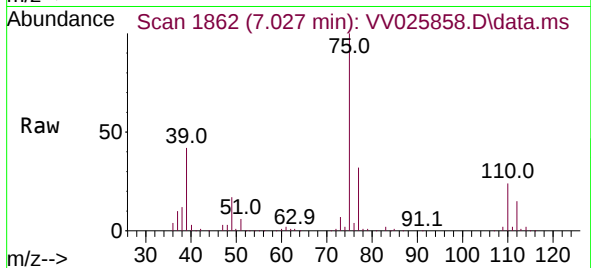
VSTD050215

Tgt Ion: 75 Resp: 161025

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 99.957 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV025858.D

Acq: 10 May 2022 11:49

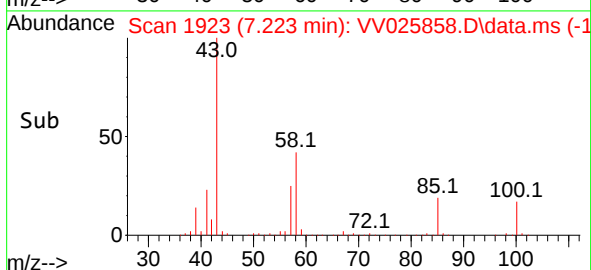
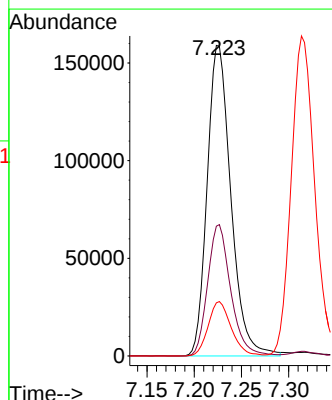
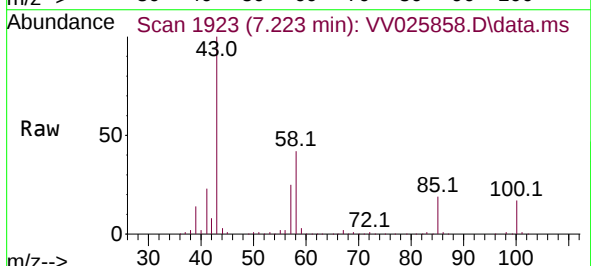
Tgt Ion: 43 Resp: 278040

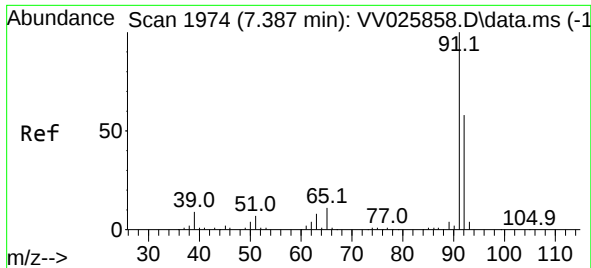
Ion Ratio Lower Upper

43 100

58 41.1 32.9 49.3

100 17.1 13.7 20.5





#42

Toluene

Concen: 49.072 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV025858.D

Acq: 10 May 2022 11:49

Instrument :

MSVOA_V

ClientSampleId :

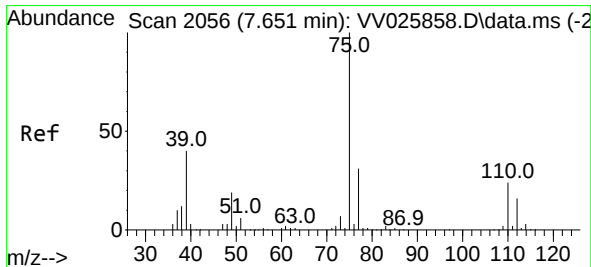
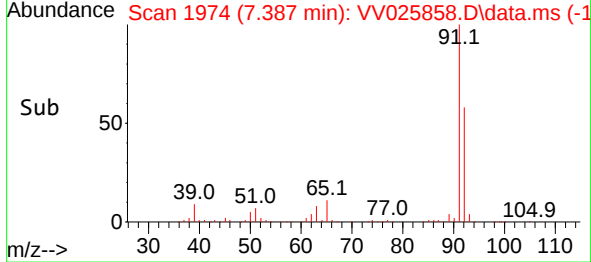
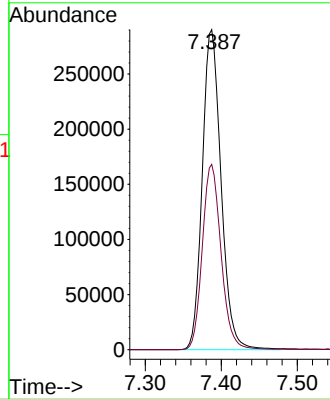
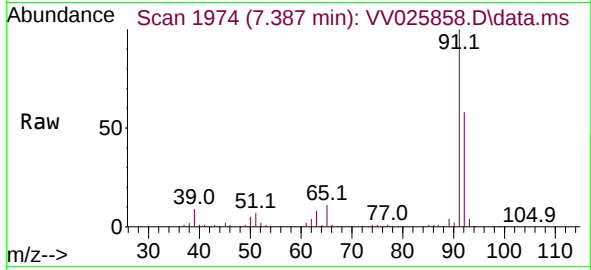
VSTD050215

Tgt Ion: 91 Resp: 498684

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 47.842 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV025858.D

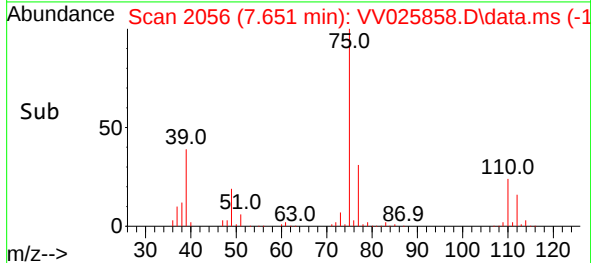
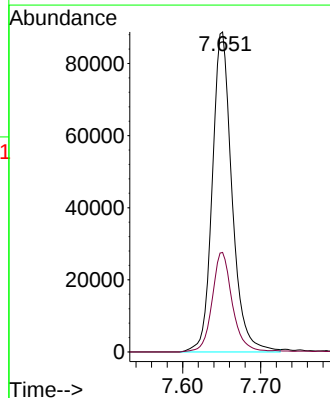
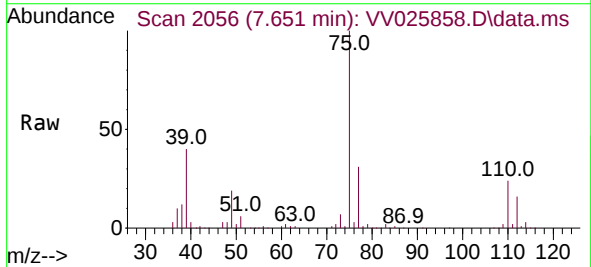
Acq: 10 May 2022 11:49

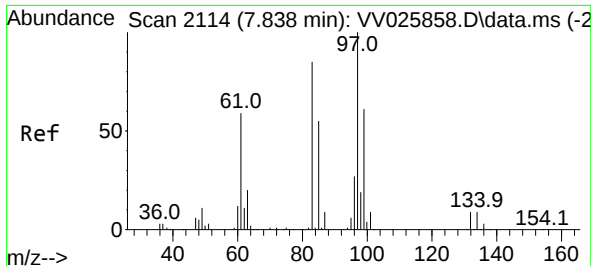
Tgt Ion: 75 Resp: 156190

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 48.162 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV025858.D

Acq: 10 May 2022 11:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD050215

Tgt Ion: 97 Resp: 116452

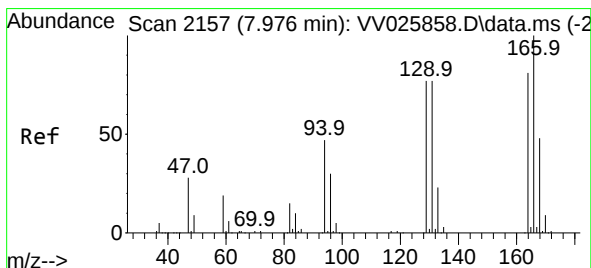
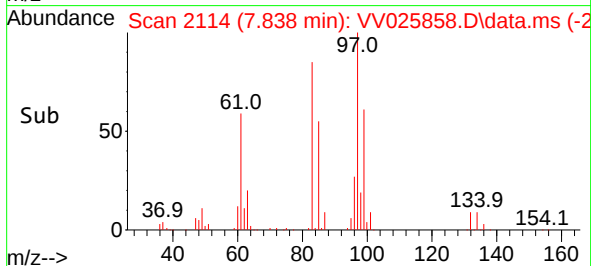
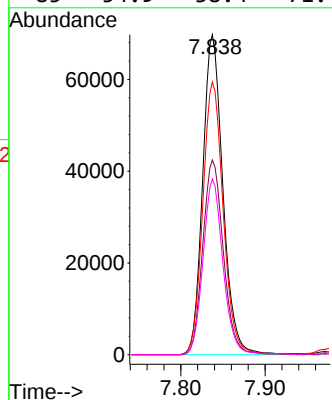
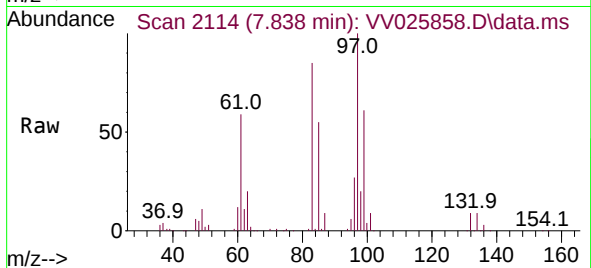
Ion Ratio Lower Upper

97 100

99 60.8 42.6 79.0

83 85.3 59.7 110.9

85 54.9 38.4 71.4



#46

Tetrachloroethene

Concen: 47.547 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV025858.D

Acq: 10 May 2022 11:49

Tgt Ion: 164 Resp: 86900

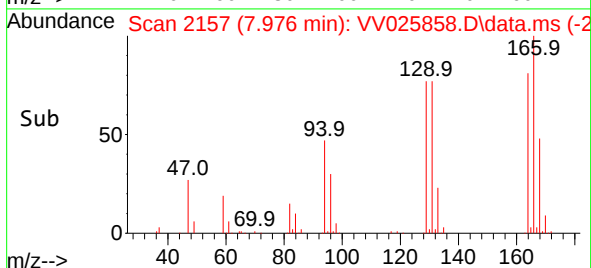
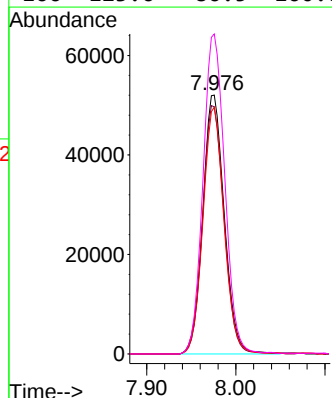
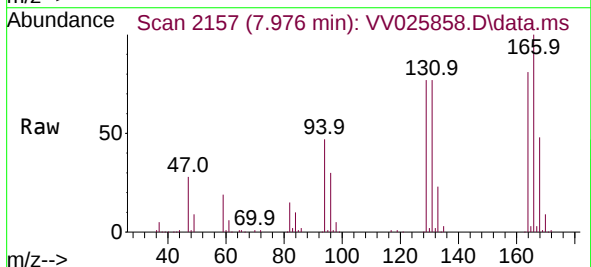
Ion Ratio Lower Upper

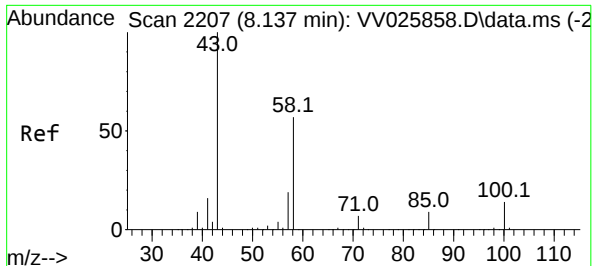
164 100

129 95.5 66.8 124.2

131 95.3 66.7 123.9

166 123.6 86.5 160.7



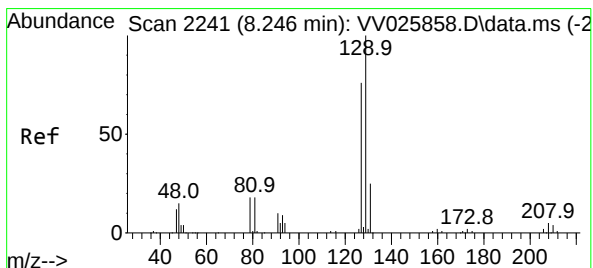
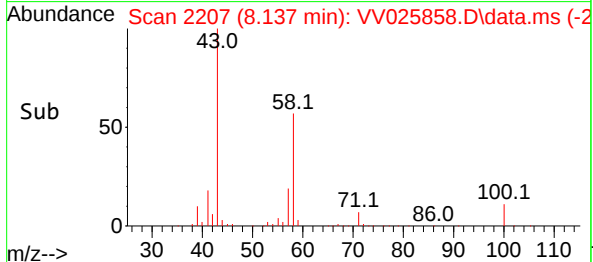
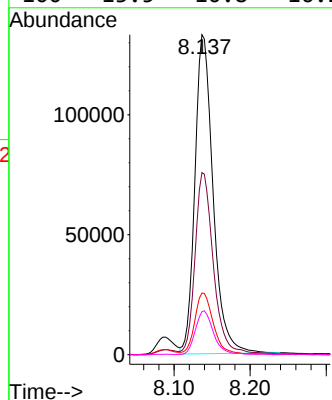
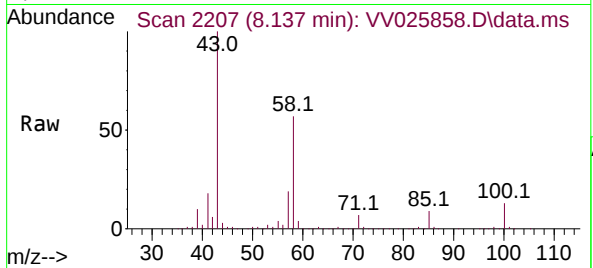


#48
2-Hexanone
Concen: 102.465 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD050215

Tgt Ion: 43 Resp: 221762

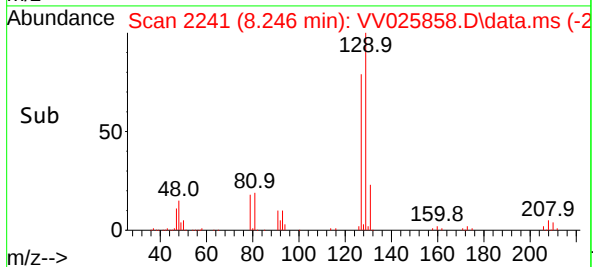
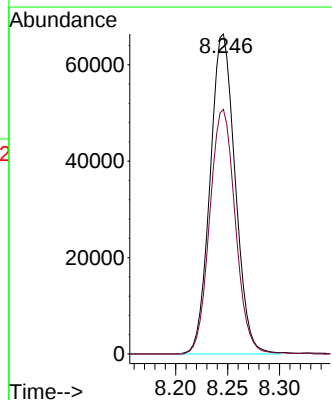
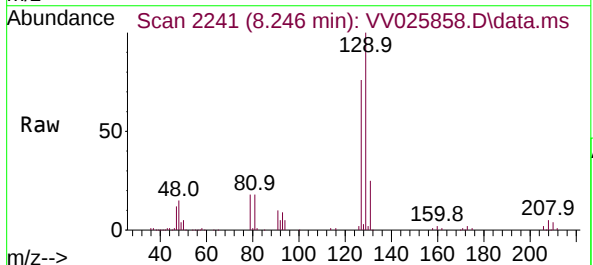
Ion	Ratio	Lower	Upper
43	100		
58	57.4	45.9	68.9
57	19.3	15.4	23.2
100	13.5	10.8	16.2

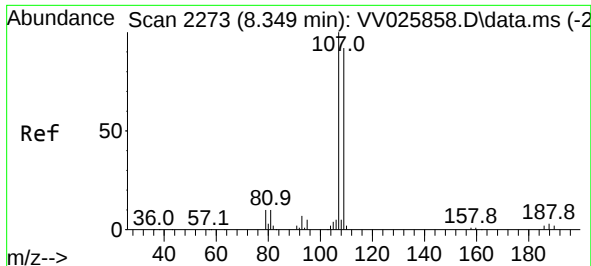


#49
Dibromochloromethane
Concen: 46.788 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

Tgt Ion: 129 Resp: 111588

Ion	Ratio	Lower	Upper
129	100		
127	76.5	53.5	99.5





#50

1,2-Dibromoethane

Concen: 47.492 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025858.D

Acq: 10 May 2022 11:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD050215

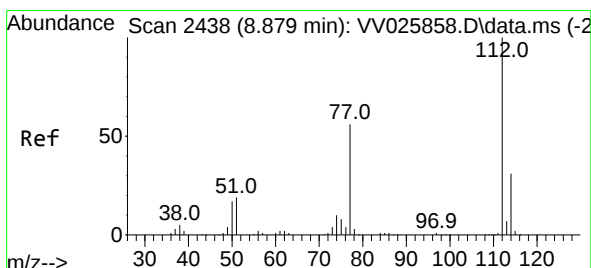
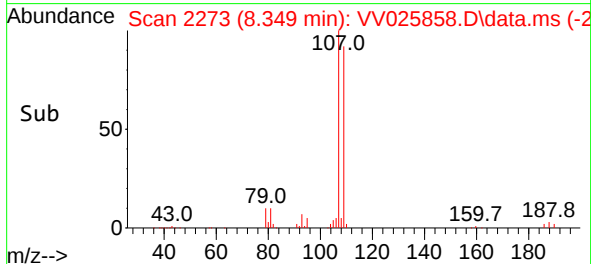
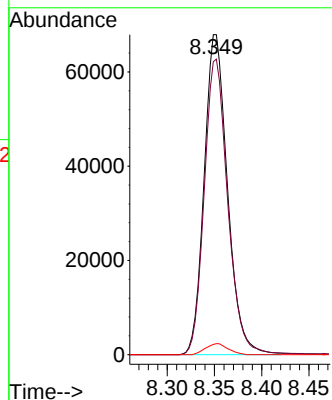
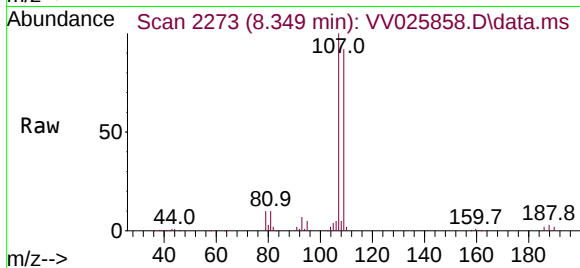
Tgt Ion:107 Resp: 116774

Ion Ratio Lower Upper

107 100

109 91.6 64.1 119.1

188 3.2 2.6 3.8



#51

Chlorobenzene

Concen: 47.715 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025858.D

Acq: 10 May 2022 11:49

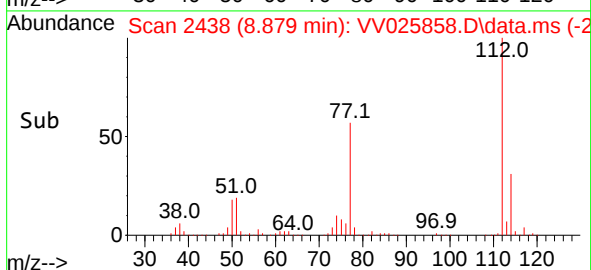
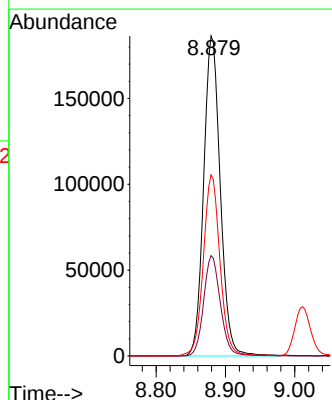
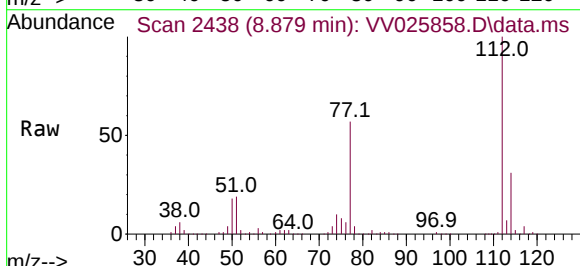
Tgt Ion:112 Resp: 310498

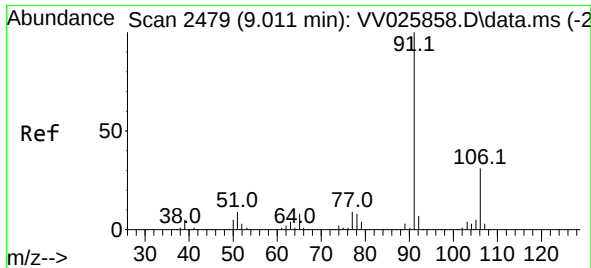
Ion Ratio Lower Upper

112 100

114 31.4 22.0 40.8

77 56.6 45.3 67.9

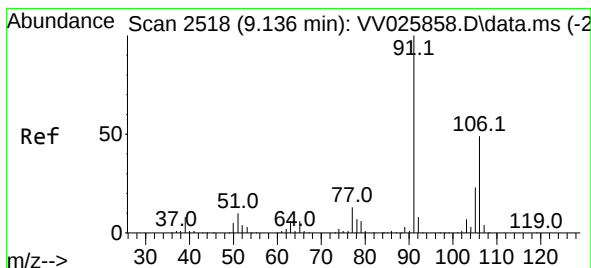
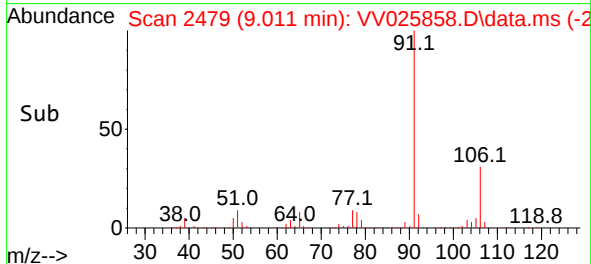
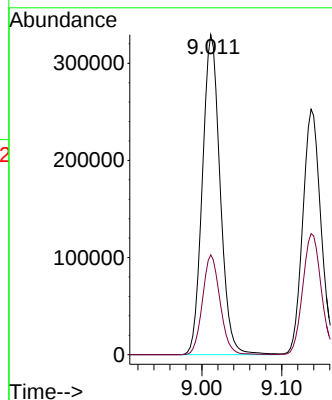
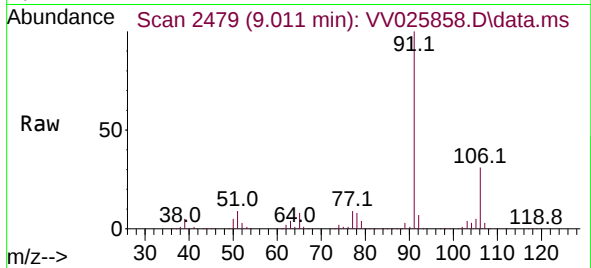




#52
Ethylbenzene
Concen: 48.650 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

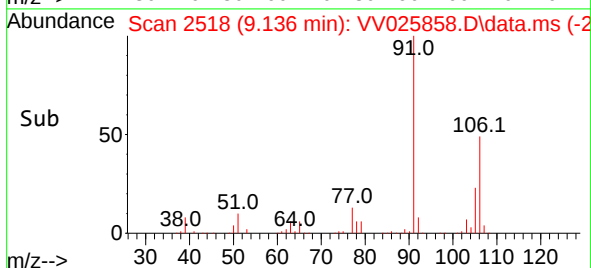
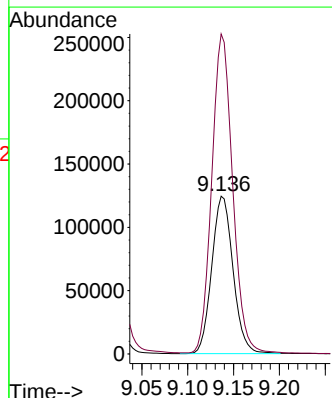
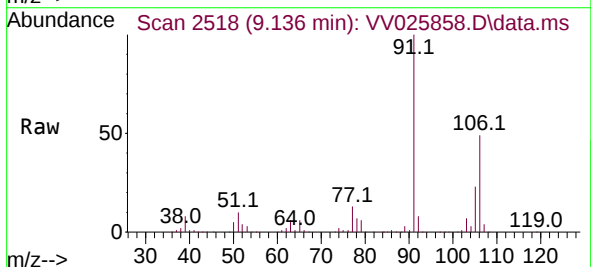
Instrument :
MSVOA_V
ClientSampleId :
VSTD050215

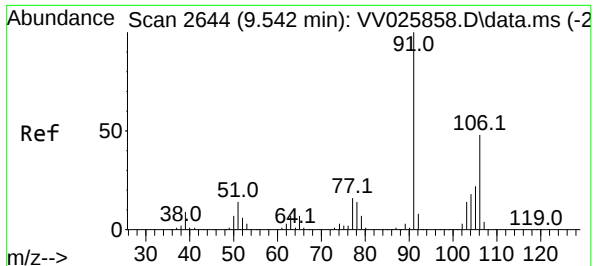
Tgt Ion: 91 Resp: 510064
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.6



#53
m,p-Xylene
Concen: 49.378 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

Tgt Ion: 106 Resp: 200801
Ion Ratio Lower Upper
106 100
91 202.8 142.0 263.6

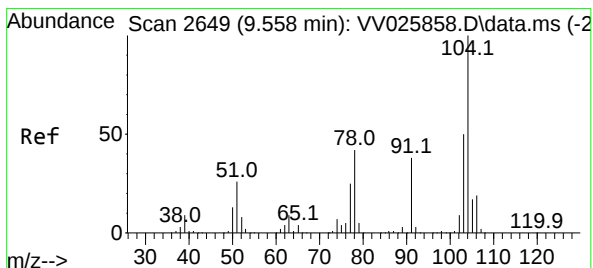
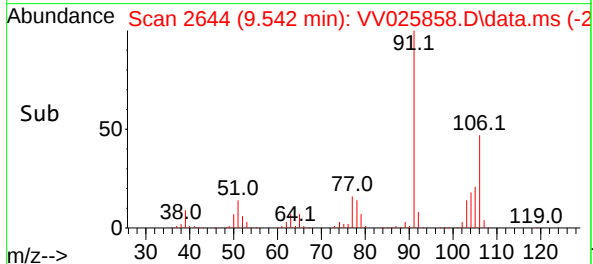
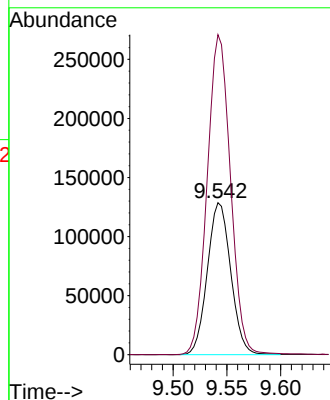
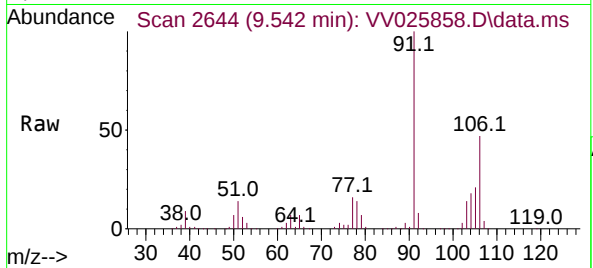




#54
o-Xylene
Concen: 48.829 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

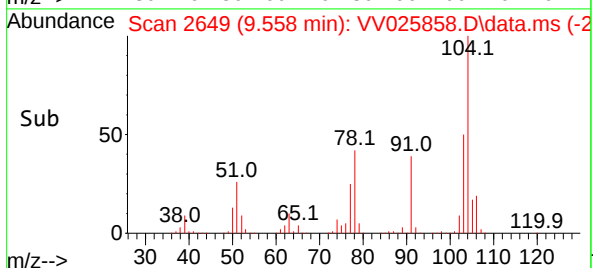
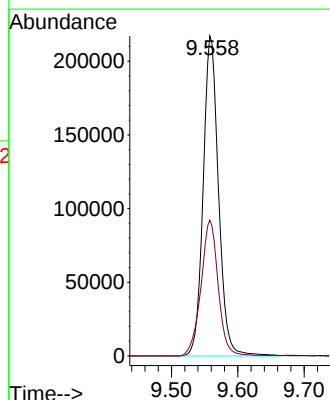
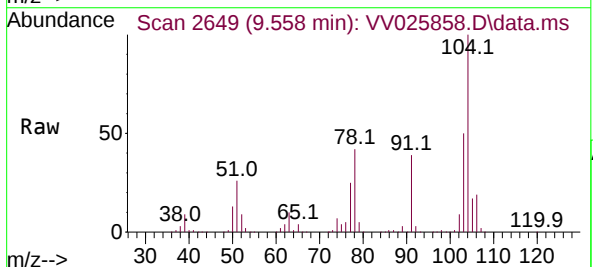
Instrument :
MSVOA_V
ClientSampleId :
VSTD050215

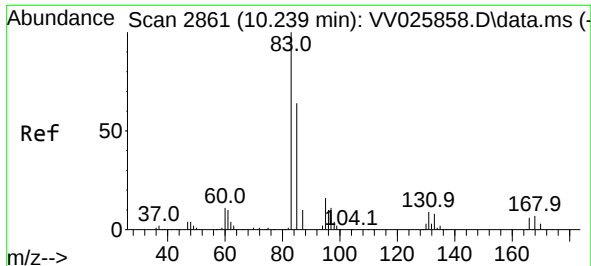
Tgt Ion:106 Resp: 195056
Ion Ratio Lower Upper
106 100
91 210.6 147.4 273.8



#55
Styrene
Concen: 50.220 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

Tgt Ion:104 Resp: 349561
Ion Ratio Lower Upper
104 100
78 42.5 29.8 55.3

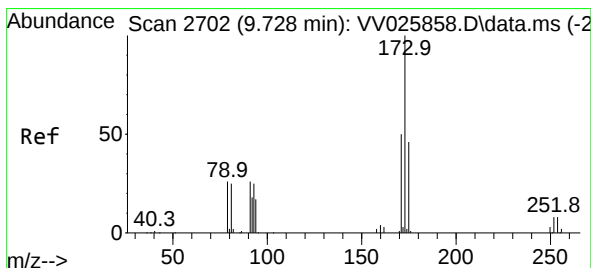
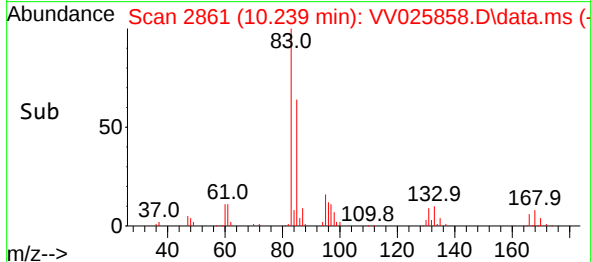
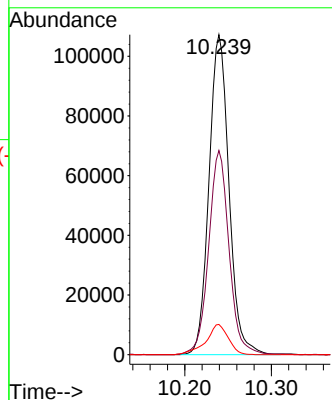
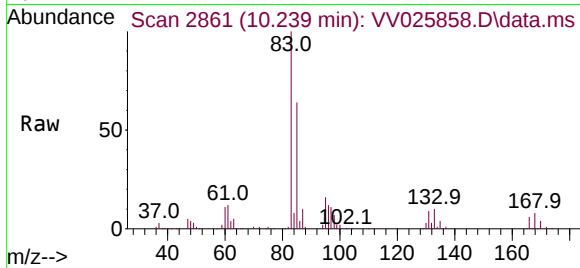




#57
1,1,2,2-Tetrachloroethane
Concen: 47.716 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

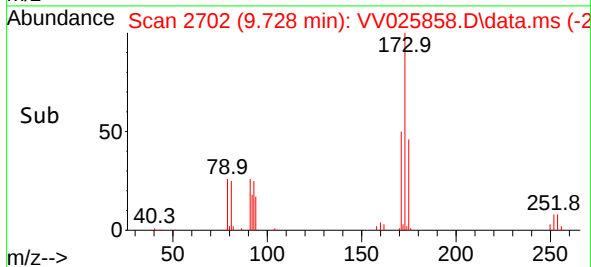
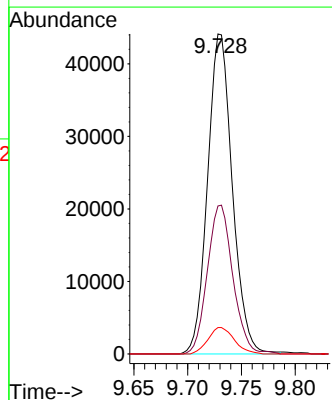
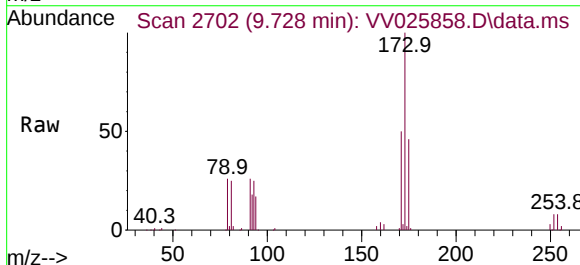
Instrument :
MSVOA_V
ClientSampleId :
VSTD050215

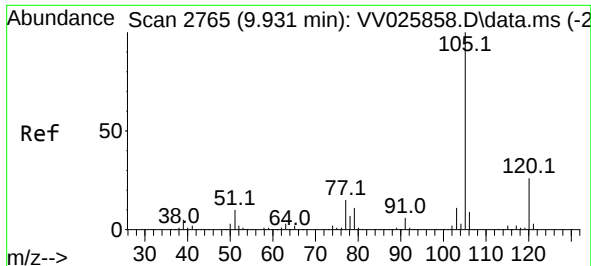
Tgt Ion: 83 Resp: 172138
Ion Ratio Lower Upper
83 100
85 63.8 44.7 82.9
131 9.4 7.5 11.3



#59
Bromoform
Concen: 46.257 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

Tgt Ion: 173 Resp: 70693
Ion Ratio Lower Upper
173 100
175 47.6 38.1 57.1
254 8.8 7.0 10.6

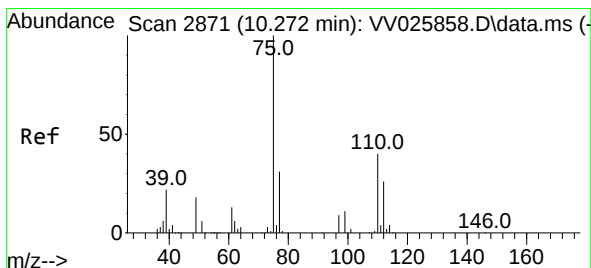
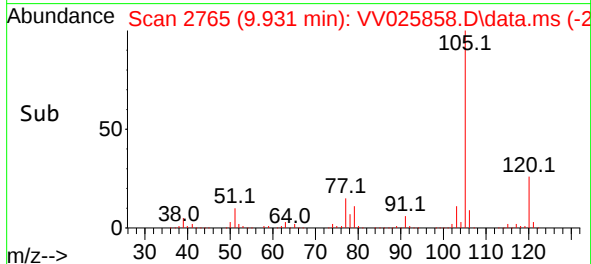
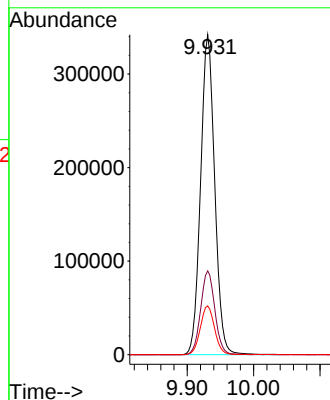
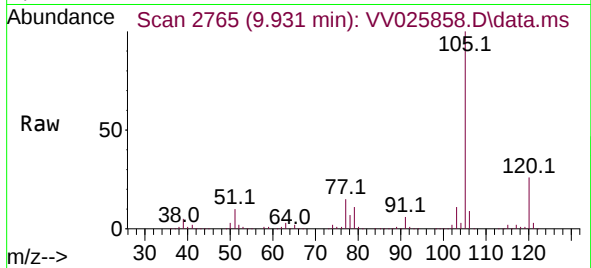




#60
Isopropylbenzene
Concen: 47.601 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

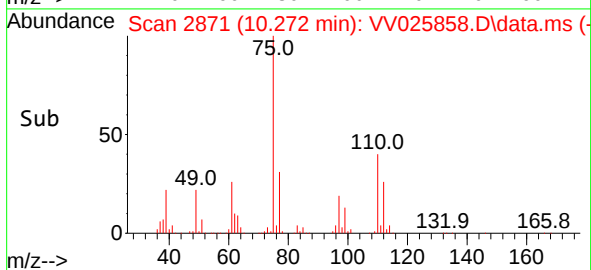
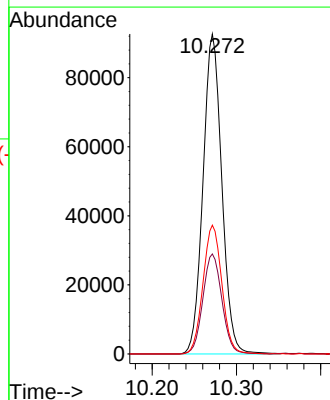
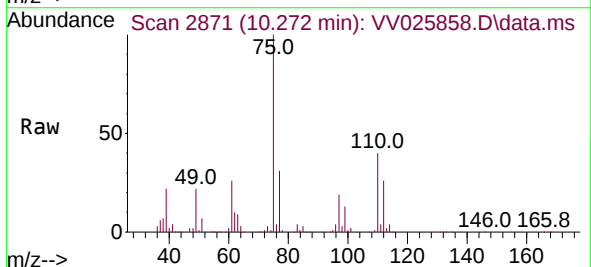
Instrument :
MSVOA_V
ClientSampleId :
VSTD050215

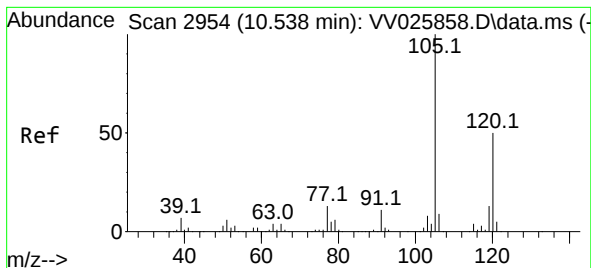
Tgt Ion:105 Resp: 505139
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 45.943 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

Tgt Ion: 75 Resp: 144067
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
110 40.4 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 46.794 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV025858.D

Acq: 10 May 2022 11:49

Instrument :

MSVOA_V

ClientSampleId :

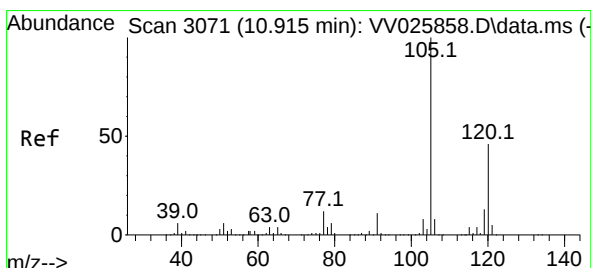
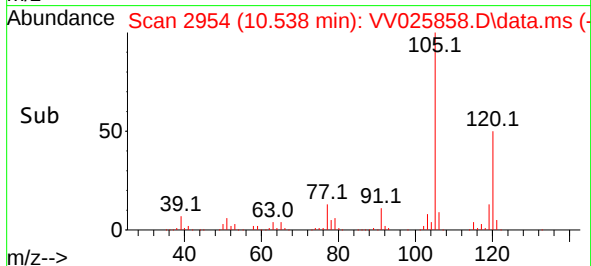
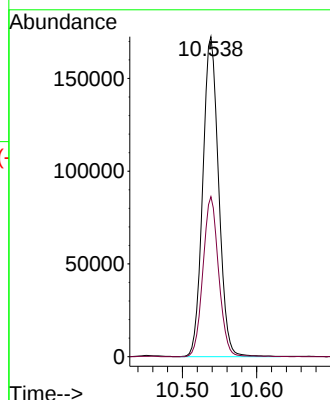
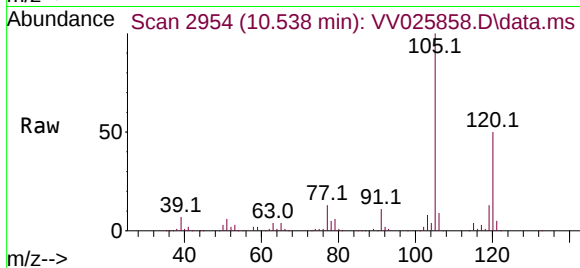
VSTD050215

Tgt Ion:105 Resp: 255959

Ion Ratio Lower Upper

105 100

120 49.3 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 48.333 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV025858.D

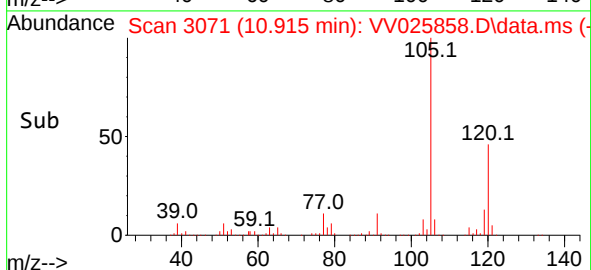
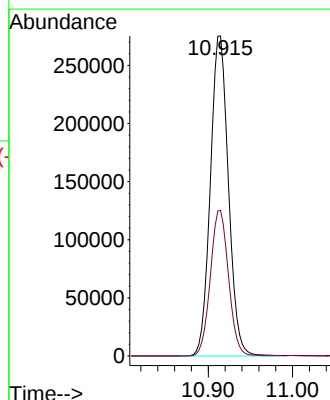
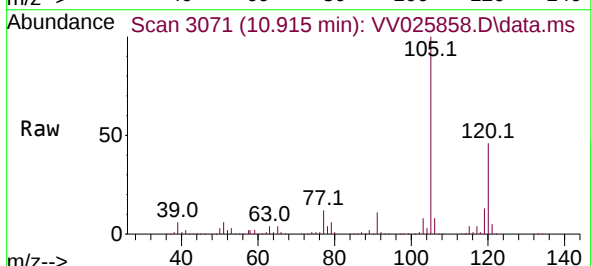
Acq: 10 May 2022 11:49

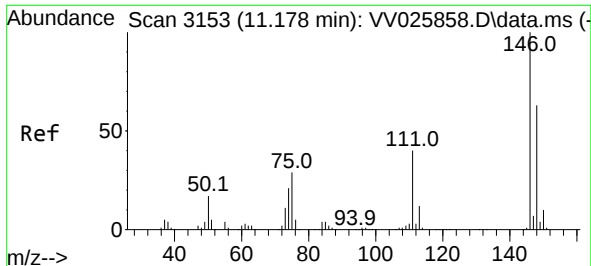
Tgt Ion:105 Resp: 410190

Ion Ratio Lower Upper

105 100

120 45.8 36.6 55.0

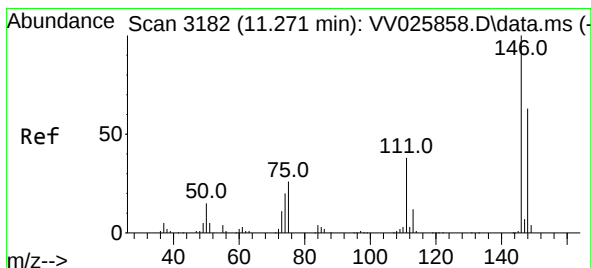
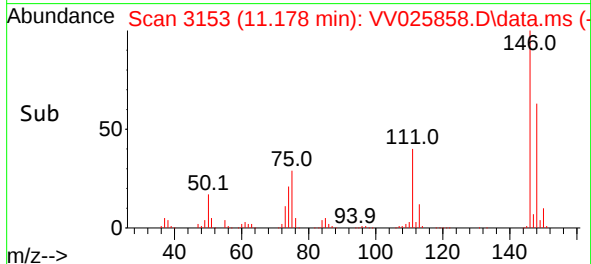
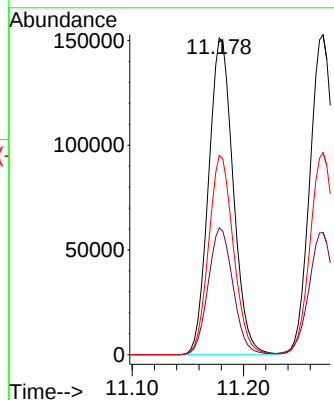
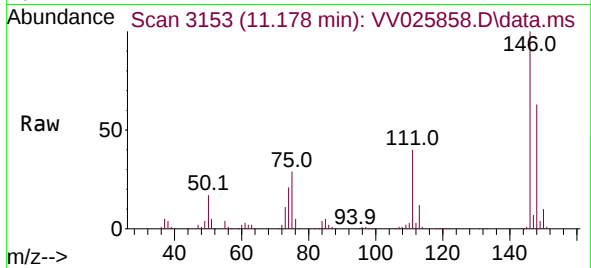




#64
1,3-Dichlorobenzene
Concen: 46.290 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

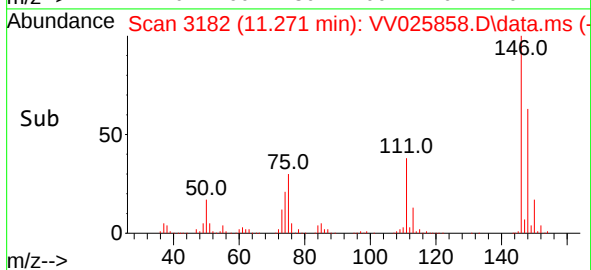
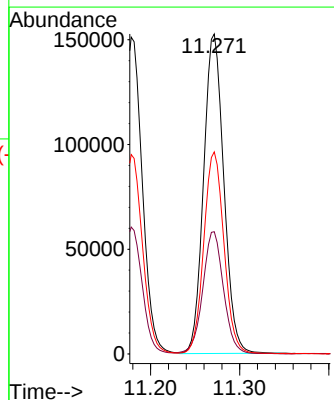
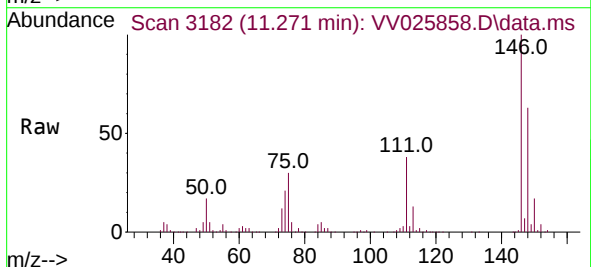
Instrument :
MSVOA_V
ClientSampleId :
VSTD050215

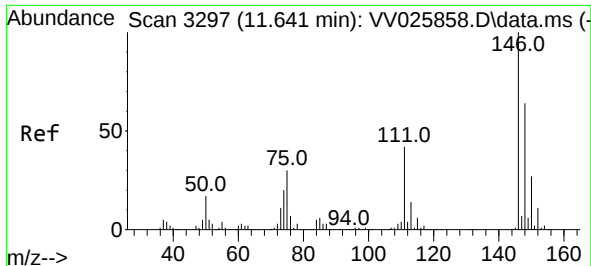
Tgt Ion:146 Resp: 232523
Ion Ratio Lower Upper
146 100
111 40.1 28.1 52.1
148 62.9 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 45.604 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

Tgt Ion:146 Resp: 240064
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 63.2 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 45.750 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV025858.D

Acq: 10 May 2022 11:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD050215

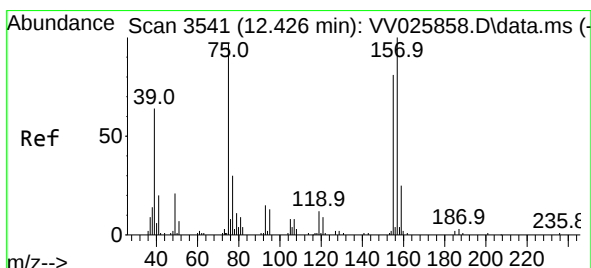
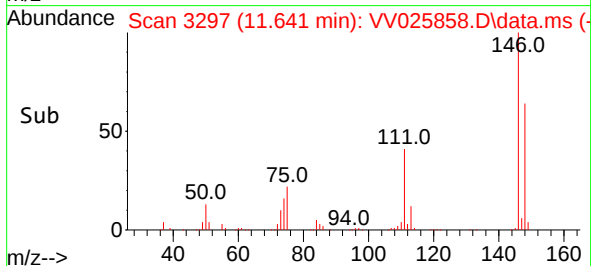
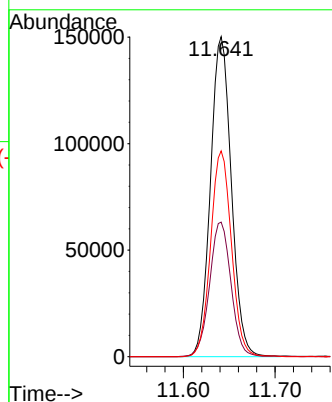
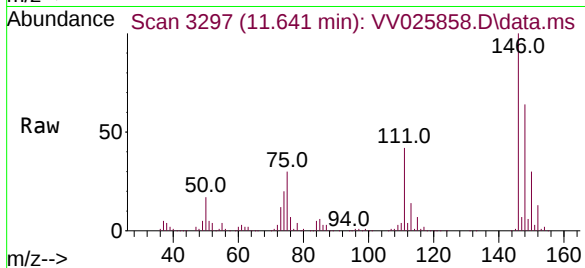
Tgt Ion:146 Resp: 237700

Ion Ratio Lower Upper

146 100

111 42.1 33.7 50.5

148 64.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 47.342 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV025858.D

Acq: 10 May 2022 11:49

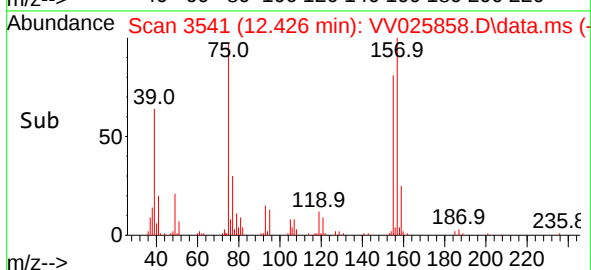
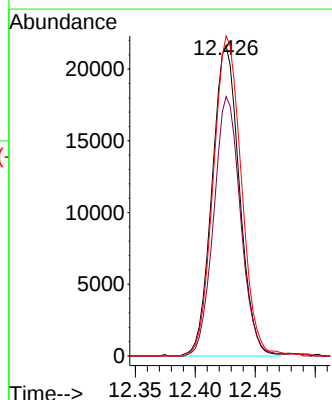
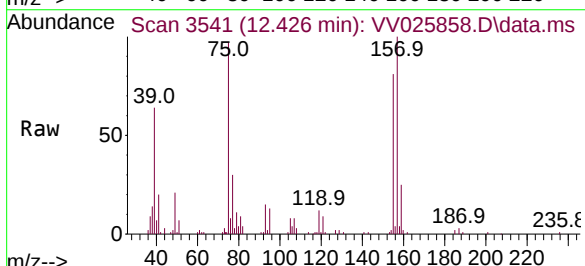
Tgt Ion: 75 Resp: 34295

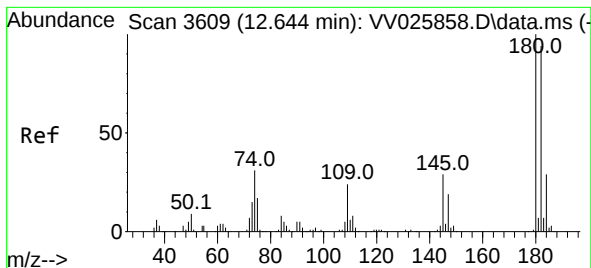
Ion Ratio Lower Upper

75 100

155 83.5 66.8 100.2

157 103.1 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 45.434 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV025858.D

Acq: 10 May 2022 11:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD050215

Tgt Ion:180 Resp: 157580

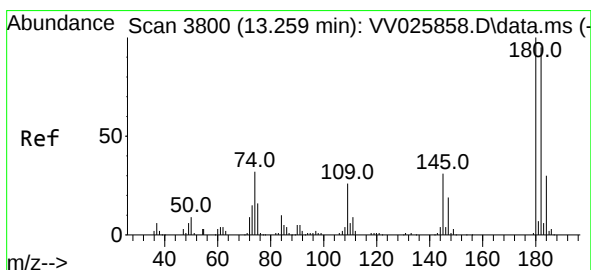
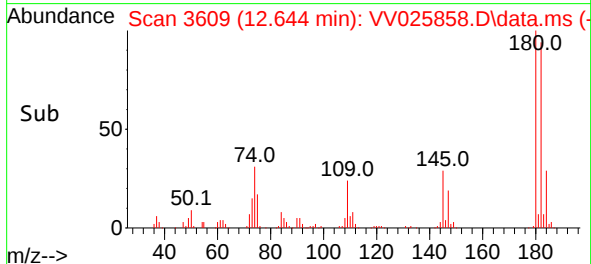
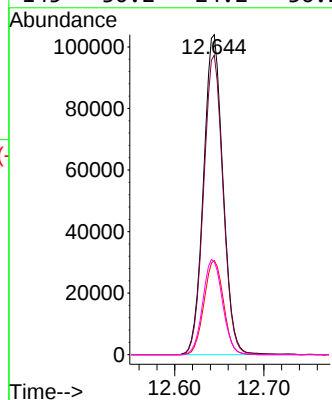
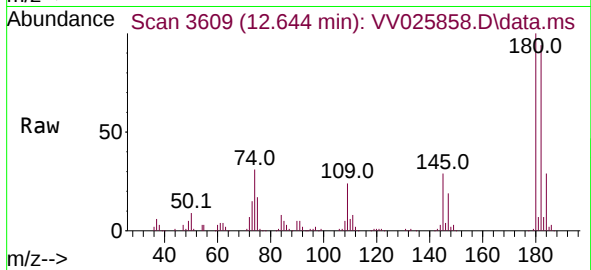
Ion Ratio Lower Upper

180 100

182 93.9 75.1 112.7

184 29.5 23.6 35.4

145 30.2 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 45.371 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV025858.D

Acq: 10 May 2022 11:49

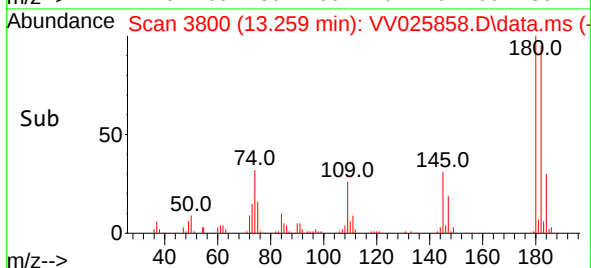
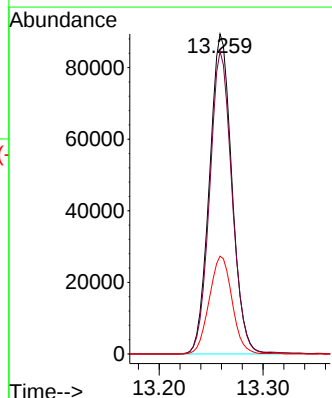
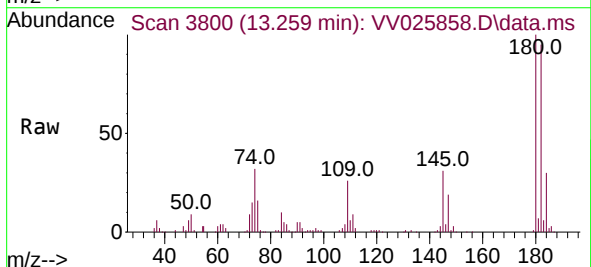
Tgt Ion:180 Resp: 133999

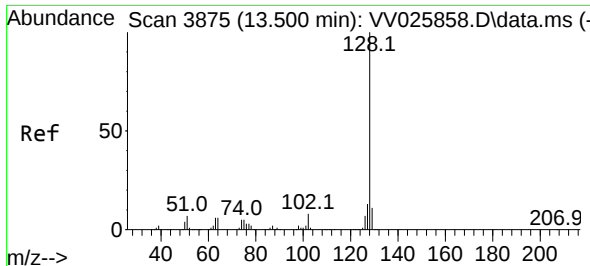
Ion Ratio Lower Upper

180 100

182 93.5 74.8 112.2

145 31.0 24.8 37.2

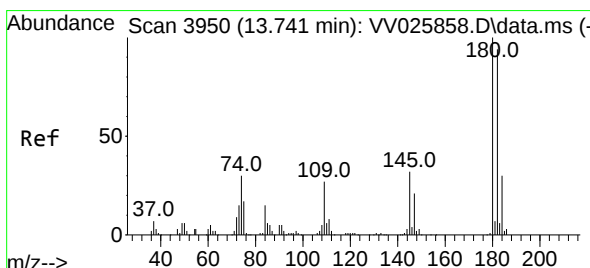
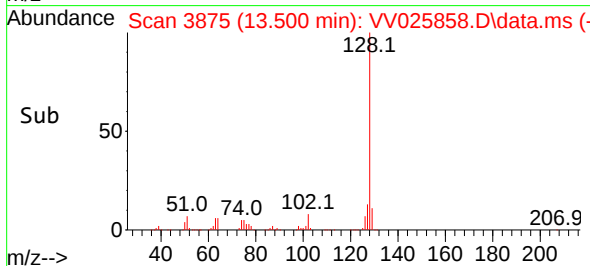
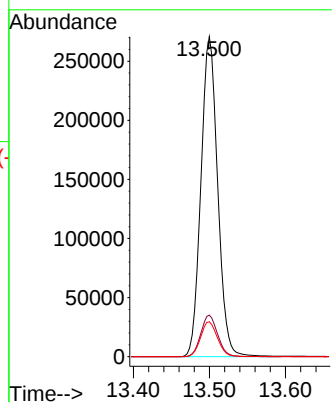
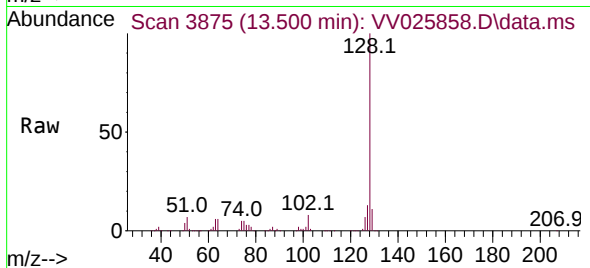




#71
Naphthalene
Concen: 47.371 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD050215

Tgt Ion:128 Resp: 414334
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 46.485 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025858.D
Acq: 10 May 2022 11:49

Tgt Ion:180 Resp: 139904
Ion Ratio Lower Upper
180 100
182 94.8 75.8 113.8
145 32.9 26.3 39.5

