

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042523\
 Data File : VW030872.D
 Acq On : 26 Apr 2023 05:54
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050341

Quant Time: Apr 26 06:30:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	231165	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	228219	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	137176	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	65805	38.832	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.660%		
7) Chloroethane-d5	1.535	69	58416	41.136	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.280%		
11) 1,1-Dichloroethene-d2	2.066	65	33867	42.142	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.280%		
21) 2-Butanone-d5	3.796	46	95298	102.385	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.380%		
24) Chloroform-d	4.259	84	149965	48.832	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.660%		
26) 1,2-Dichloroethane-d4	4.950	65	102047	51.684	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.360%		
32) Benzene-d6	4.969	84	268290	49.723	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.440%		
36) 1,2-Dichloropropane-d6	5.998	67	77980	46.526	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.060%		
41) Toluene-d8	7.249	98	260327	51.386	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.780%		
43) trans-1,3-Dichloroprop...	7.558	79	40783	48.277	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.560%		
47) 2-Hexanone-d5	8.030	63	58928	89.249	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.250%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	123626	50.832	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.660%		
66) 1,2-Dichlorobenzene-d4	11.567	152	111874	51.310	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.620%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	85001	42.768	ug/L	99
3) Chloromethane	1.217	50	99954	38.339	ug/L	99
5) Vinyl chloride	1.288	62	89517	42.588	ug/L	99
6) Bromomethane	1.490	94	43920	52.695	ug/L	98
8) Chloroethane	1.552	64	58049	40.265	ug/L	99
9) Trichlorofluoromethane	1.719	101	162669	47.750	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	81633	45.596	ug/L	98
12) 1,1-Dichloroethene	2.076	96	76454	47.233	ug/L	93
13) Acetone	2.121	43	98615	68.469	ug/L	98
14) Carbon disulfide	2.246	76	179840	39.336	ug/L	99
15) Methyl Acetate	2.378	43	92214	47.976	ug/L	100
16) Methylene chloride	2.455	84	82489	44.533	ug/L	96
17) trans-1,2-Dichloroethene	2.703	96	74183	45.398	ug/L	96
18) Methyl tert-butyl Ether	2.712	73	266076	50.836	ug/L	98
19) 1,1-Dichloroethane	3.121	63	153297	46.013	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	84230	47.386	ug/L	98
22) 2-Butanone	3.876	43	123094	82.701	ug/L	100
23) Bromochloromethane	4.156	128	47488	47.833	ug/L	95
25) Chloroform	4.285	83	167439	48.557	ug/L	96

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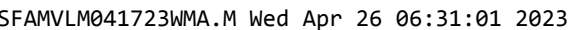
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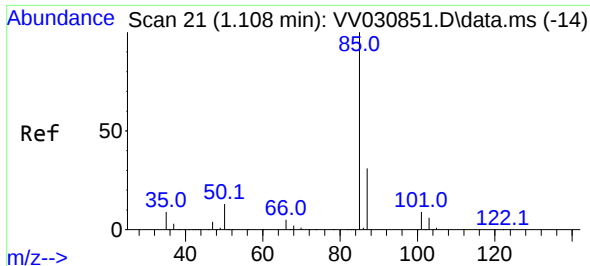
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	146554	50.207	ug/L	98
29) Cyclohexane	4.593	56	118412	43.236	ug/L	96
30) 1,1,1-Trichloroethane	4.523	97	157545	49.128	ug/L	99
31) Carbon tetrachloride	4.744	117	139792	48.757	ug/L	98
33) Benzene	5.018	78	332728	48.011	ug/L	100
34) Trichloroethene	5.841	95	85279	47.308	ug/L	97
35) Methylcyclohexane	6.059	83	127344	45.084	ug/L	97
37) 1,2-Dichloropropane	6.101	63	85381	45.773	ug/L	100
38) Bromodichloromethane	6.439	83	125678	47.963	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	128214	45.797	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	254409	97.637	ug/L	99
42) Toluene	7.323	91	366004	49.307	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	130317	47.379	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	89333	47.760	ug/L	99
46) Tetrachloroethene	7.911	164	76900	48.737	ug/L	97
48) 2-Hexanone	8.082	43	203967	94.870	ug/L	97
49) Dibromochloromethane	8.185	129	98133	47.565	ug/L	98
50) 1,2-Dibromoethane	8.288	107	91943	47.441	ug/L	98
51) Chlorobenzene	8.821	112	239422	48.701	ug/L	98
52) Ethylbenzene	8.953	91	402362	48.963	ug/L	99
53) m,p-Xylene	9.079	106	157365	50.697	ug/L	97
54) o-Xylene	9.487	106	154552	50.896	ug/L	96
55) Styrene	9.503	104	277124	51.953	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	144375	47.013	ug/L	98
59) Bromoform	9.670	173	79309	46.178	ug/L	99
60) Isopropylbenzene	9.873	105	414646	48.468	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	113008	45.996	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	340054	48.277	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	338006	48.061	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	209437	48.898	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	217972	48.261	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	210489	48.713	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	31394	43.129	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	150253	46.439	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	131405	47.833	ug/L	99
71) Naphthalene	13.445	128	351791	46.813	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	134959	49.543	ug/L	99

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

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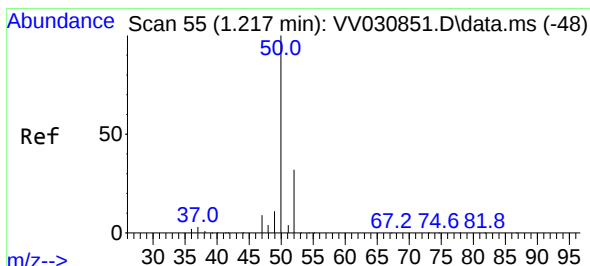
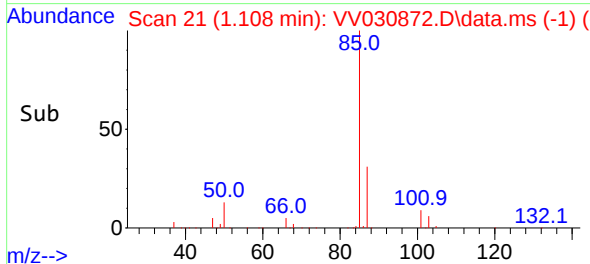
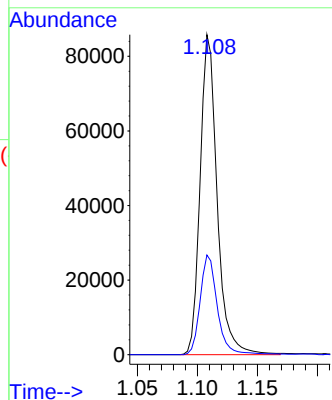
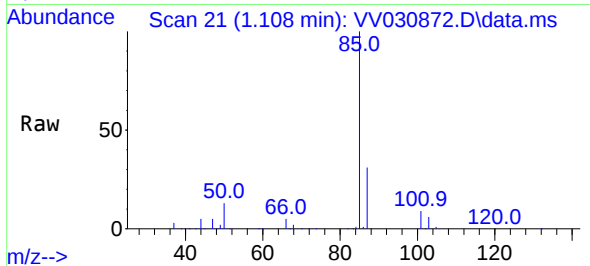




#2
Dichlorodifluoromethane
Concen: 42.768 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

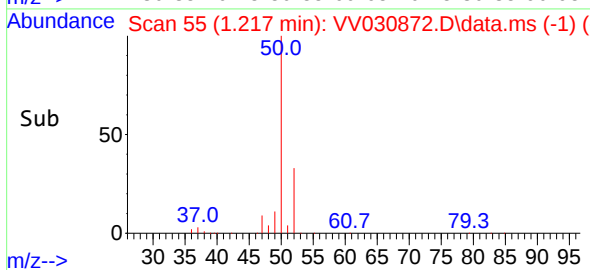
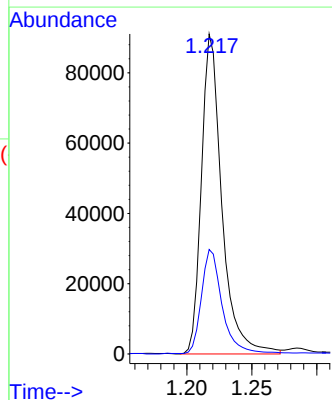
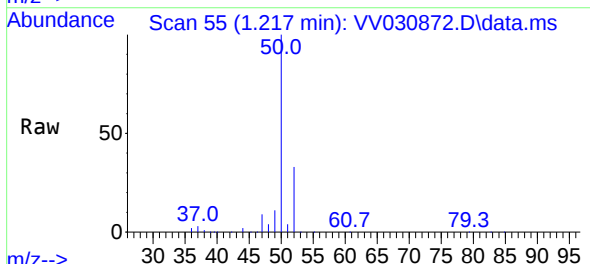
Instrument :
MSVOA_V
ClientSampleId :
VSTD050341

Tgt Ion: 85 Resp: 85001
Ion Ratio Lower Upper
85 100
87 31.5 25.6 38.4

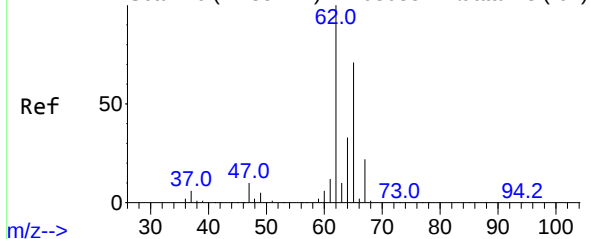


#3
Chloromethane
Concen: 38.339 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Tgt Ion: 50 Resp: 99954
Ion Ratio Lower Upper
50 100
52 32.7 22.5 41.9



Abundance Scan 76 (1.285 min): VV030851.D\data.ms (-67)



#5

Vinyl chloride

Concen: 42.588 ug/L

RT: 1.288 min Scan# 71

Delta R.T. -0.000 min

Lab File: VV030872.D

Acq: 26 Apr 2023 05:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD050341

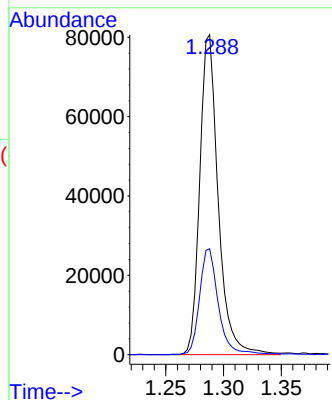
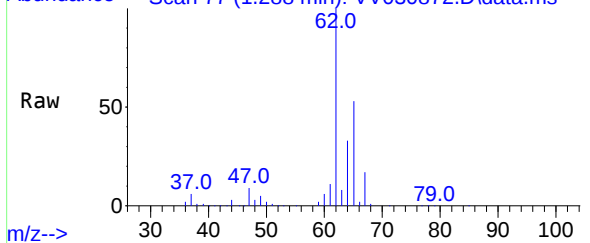
Tgt Ion: 62 Resp: 89517

Ion Ratio Lower Upper

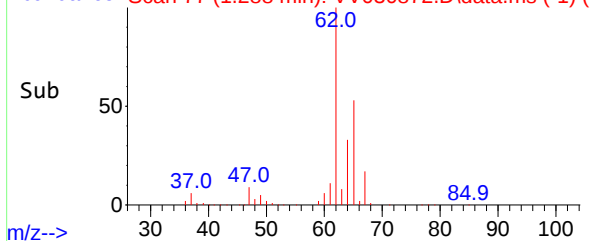
62 100

64 33.1 23.4 43.4

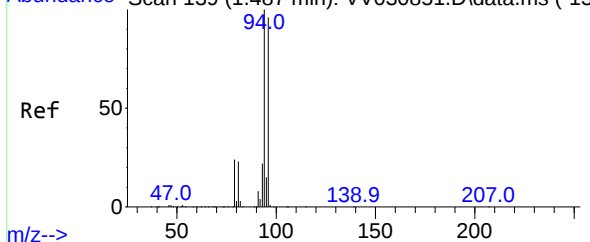
Abundance Scan 77 (1.288 min): VV030872.D\data.ms



Abundance Scan 77 (1.288 min): VV030872.D\data.ms (-1)



Abundance Scan 139 (1.487 min): VV030851.D\data.ms (-13)



#6

Bromomethane

Concen: 52.695 ug/L

RT: 1.490 min Scan# 140

Delta R.T. -0.003 min

Lab File: VV030872.D

Acq: 26 Apr 2023 05:54

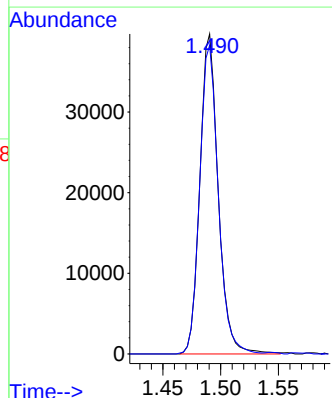
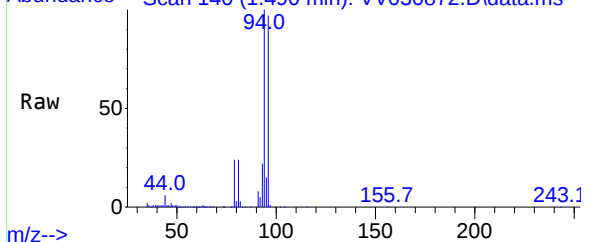
Tgt Ion: 94 Resp: 43920

Ion Ratio Lower Upper

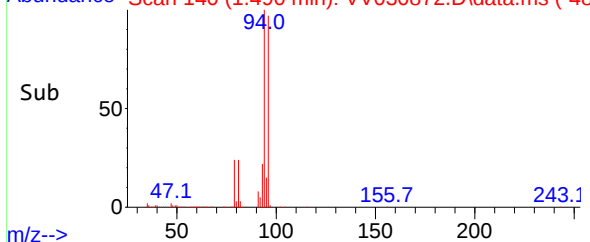
94 100

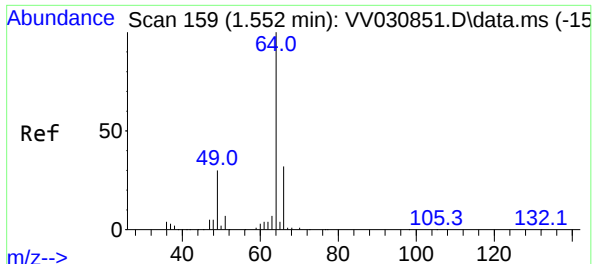
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Abundance Scan 140 (1.490 min): VV030872.D\data.ms



Abundance Scan 140 (1.490 min): VV030872.D\data.ms (-48)

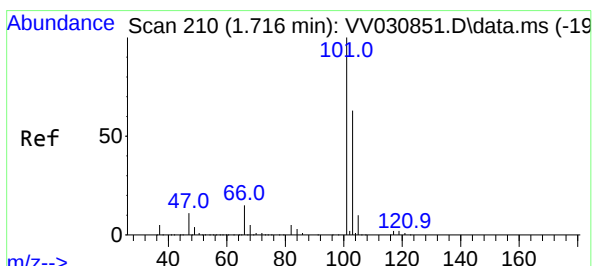
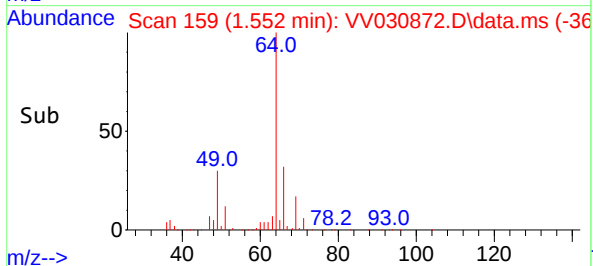
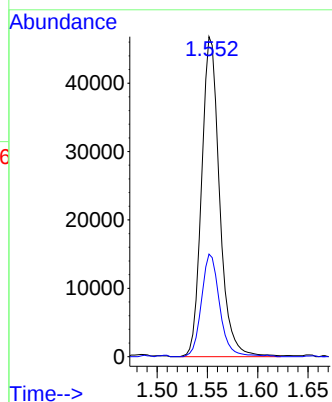
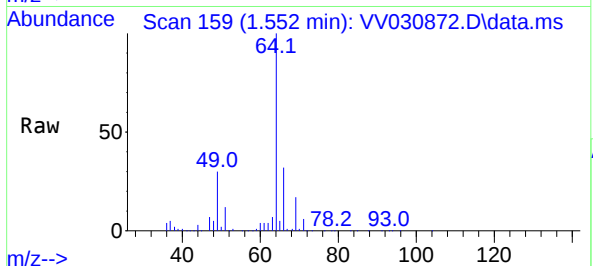




#8
Chloroethane
Concen: 40.265 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

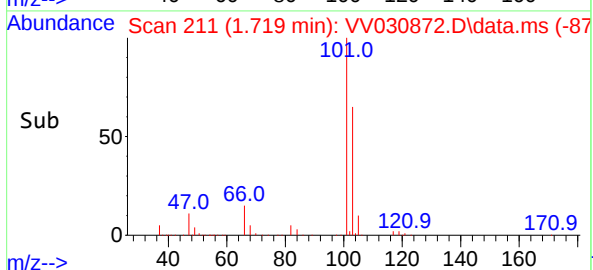
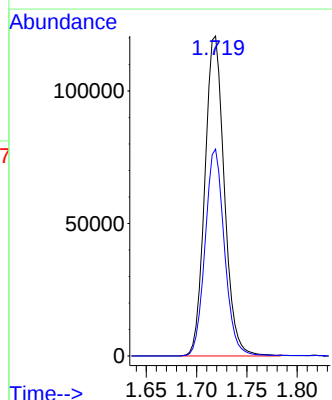
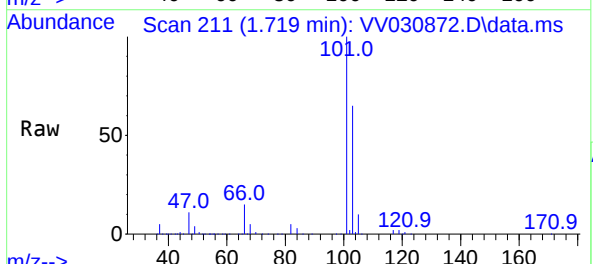
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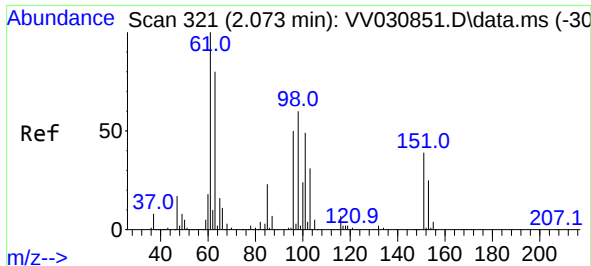
Tgt Ion: 64 Resp: 58049
Ion Ratio Lower Upper
64 100
66 32.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 47.750 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Tgt Ion:101 Resp: 162669
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

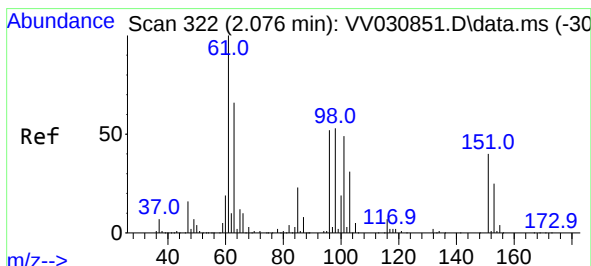
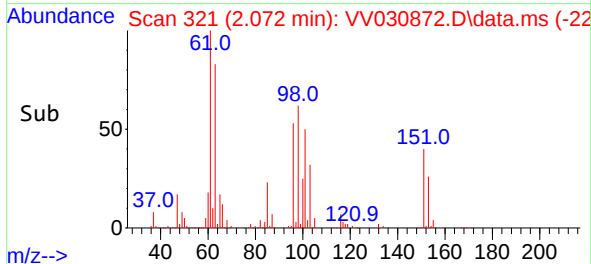
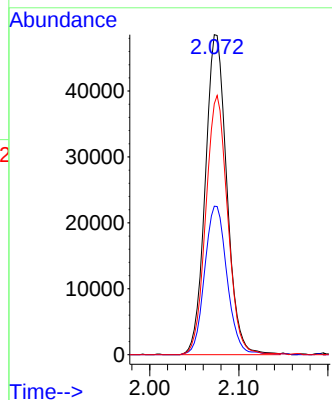
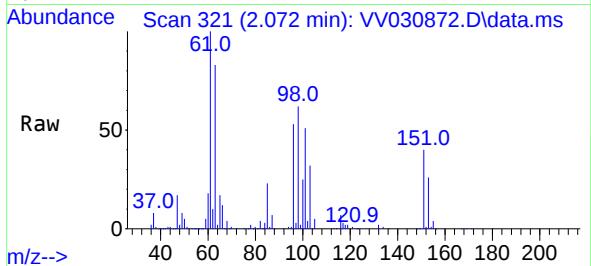




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.596 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV030872.D
 Acq: 26 Apr 2023 05:54

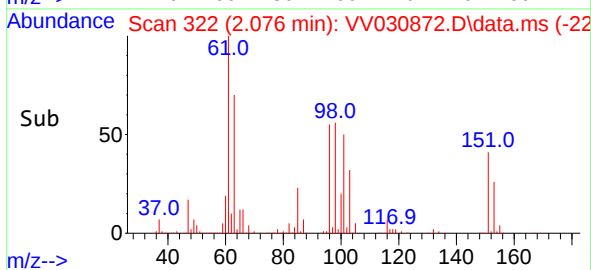
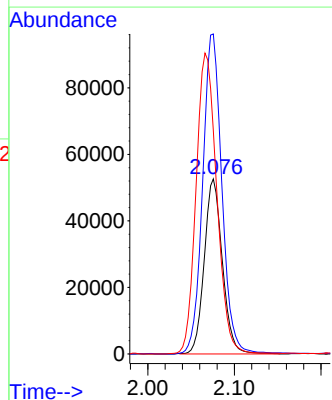
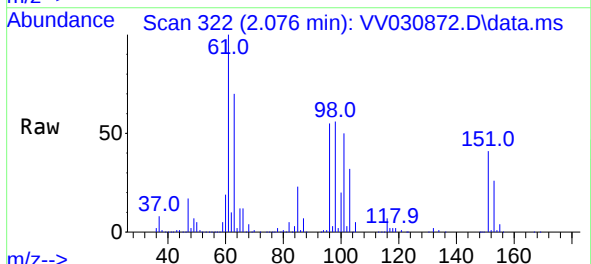
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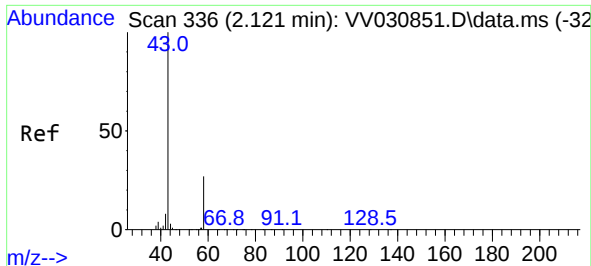
Tgt Ion:101 Resp: 81633
 Ion Ratio Lower Upper
 101 100
 85 48.2 37.5 56.3
 151 81.7 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 47.233 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VV030872.D
 Acq: 26 Apr 2023 05:54

Tgt Ion: 96 Resp: 76454
 Ion Ratio Lower Upper
 96 100
 61 182.8 131.9 245.0
 63 127.6 99.8 185.3





#13

Acetone

Concen: 68.469 ug/L

RT: 2.121 min Scan# 336

Delta R.T. -0.010 min

Lab File: VV030872.D

Acq: 26 Apr 2023 05:54

Instrument :

MSVOA_V

ClientSampleId :

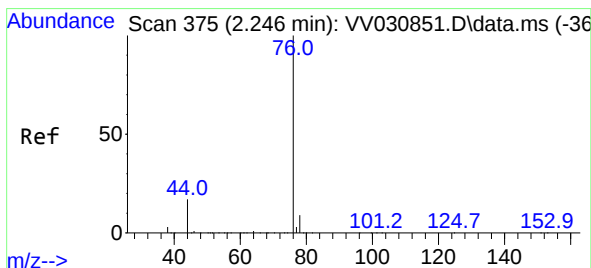
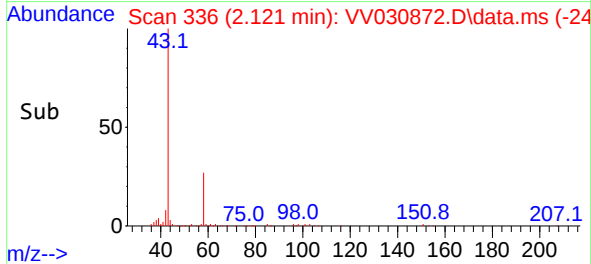
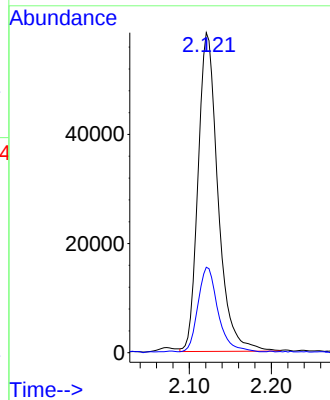
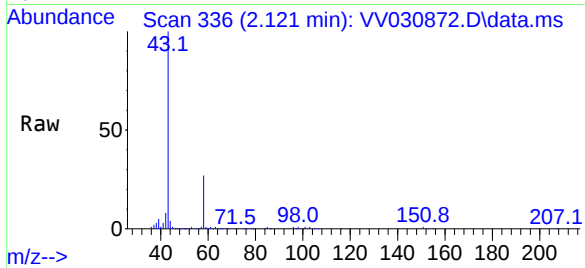
VSTD050341

Tgt Ion: 43 Resp: 98615

Ion Ratio Lower Upper

43 100

58 27.2 0.0 52.8



#14

Carbon disulfide

Concen: 39.336 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030872.D

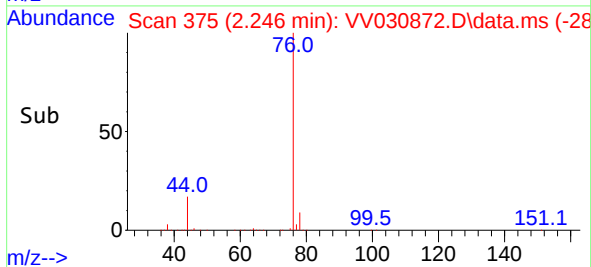
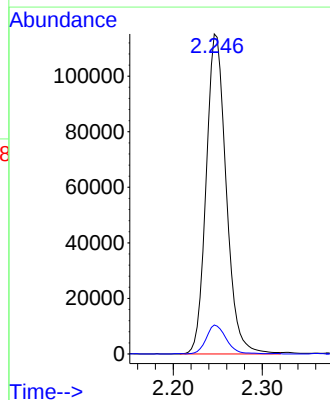
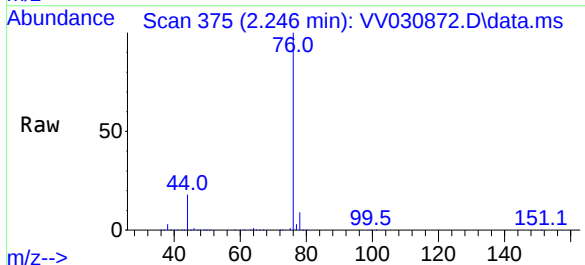
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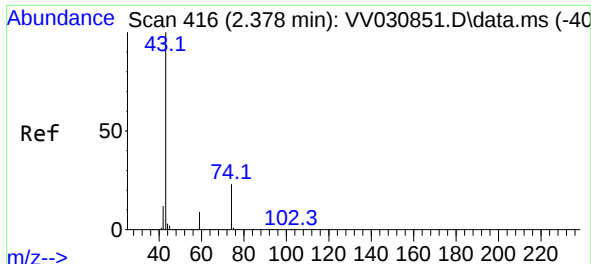
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Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4

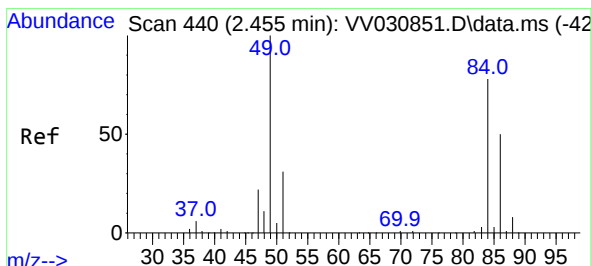
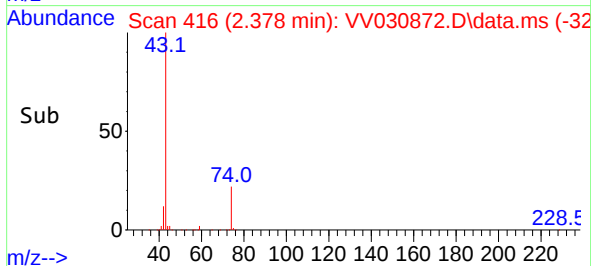
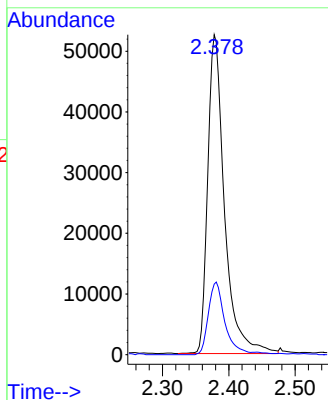
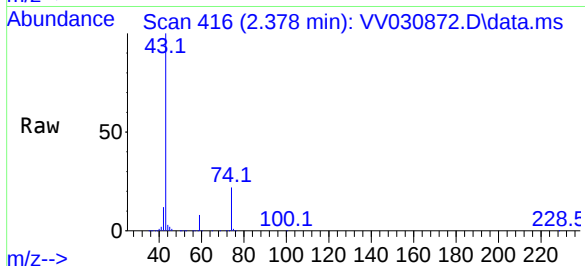




#15
Methyl Acetate
Concen: 47.976 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.003 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

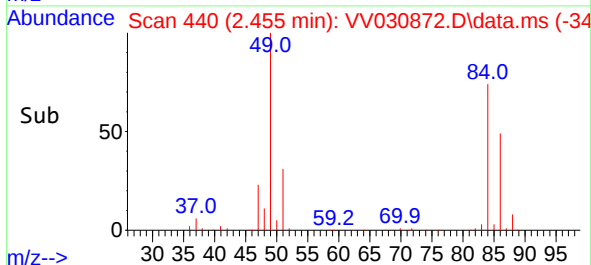
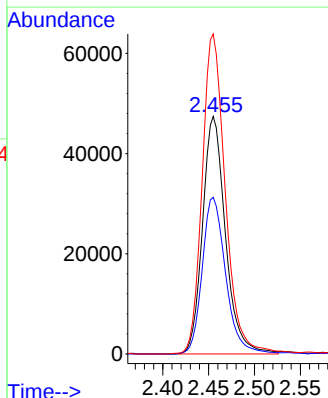
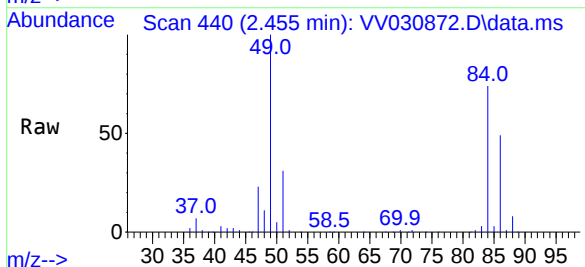
Instrument :
MSVOA_V
ClientSampleId :
VSTD050341

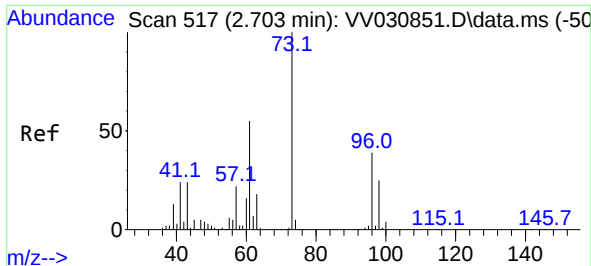
Tgt Ion: 43 Resp: 92214
Ion Ratio Lower Upper
43 100
74 22.2 17.7 26.5



#16
Methylene chloride
Concen: 44.533 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Tgt Ion: 84 Resp: 82489
Ion Ratio Lower Upper
84 100
86 65.9 45.4 84.2
49 134.7 90.4 168.0

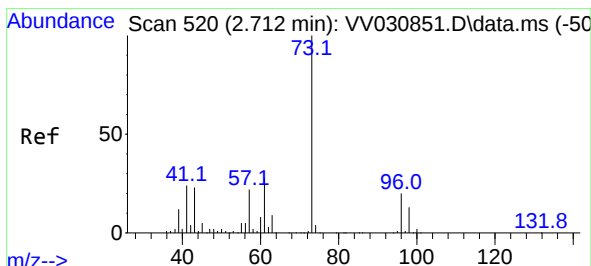
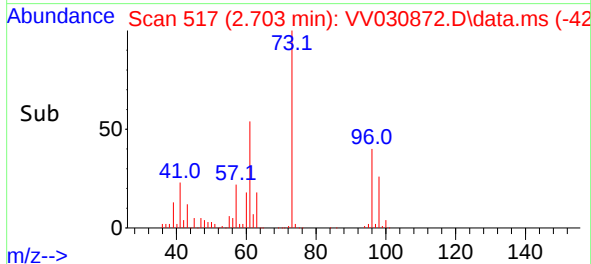
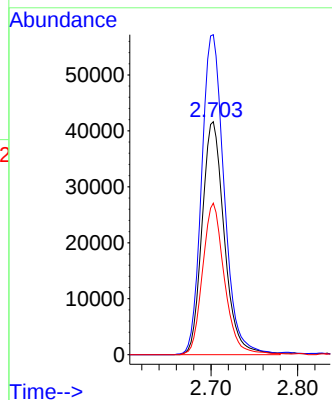
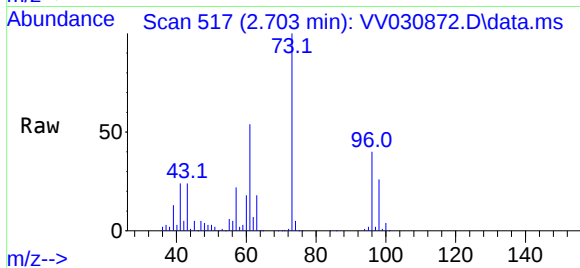




#17
trans-1,2-Dichloroethene
Concen: 45.398 ug/L
RT: 2.703 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

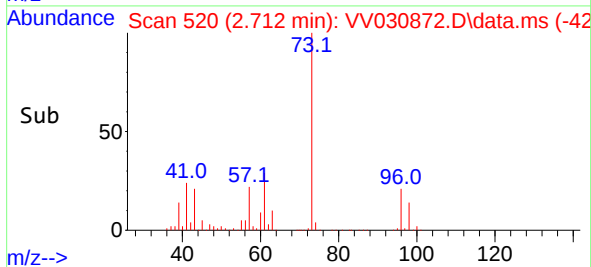
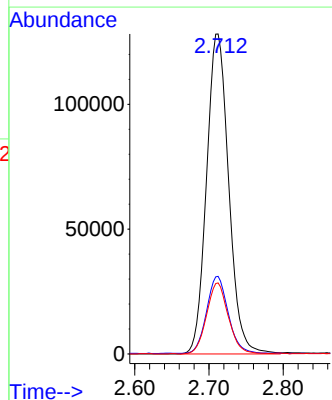
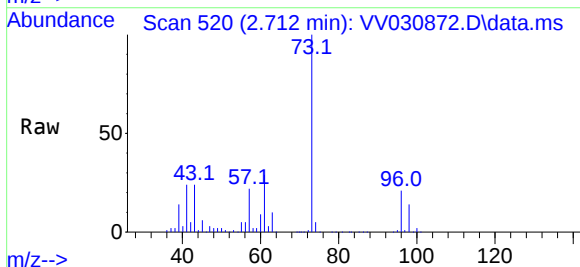
Instrument :
MSVOA_V
ClientSampleId :
VSTD050341

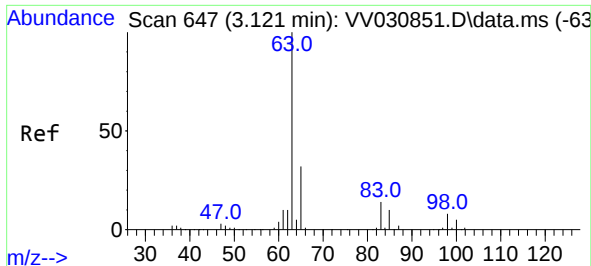
Tgt Ion: 96 Resp: 74183
Ion Ratio Lower Upper
96 100
61 137.3 101.0 187.6
98 65.1 45.4 84.2



#18
Methyl tert-butyl Ether
Concen: 50.836 ug/L
RT: 2.712 min Scan# 520
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Tgt Ion: 73 Resp: 266076
Ion Ratio Lower Upper
73 100
43 23.4 17.6 26.4
57 21.9 18.2 27.2

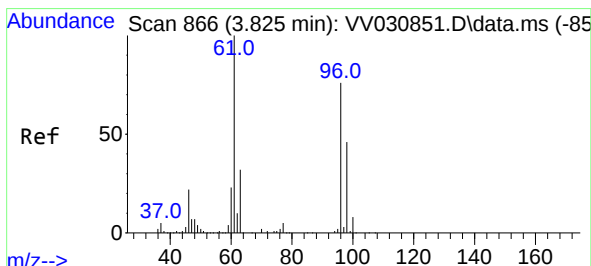
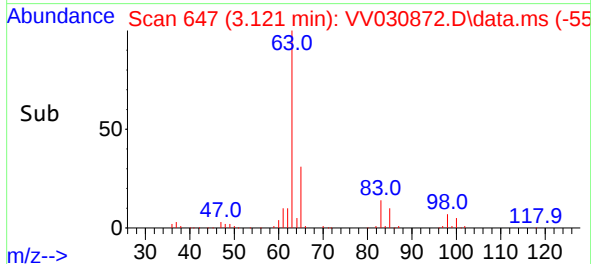
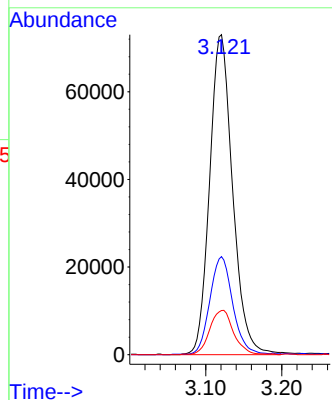
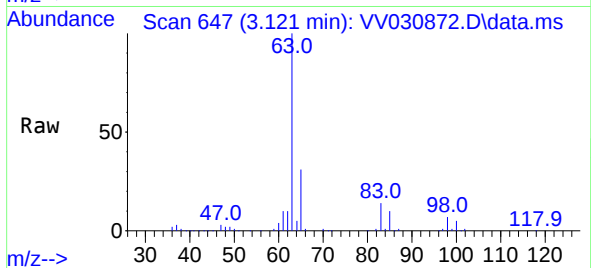




#19
1,1-Dichloroethane
Concen: 46.013 ug/L
RT: 3.121 min Scan# 647
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

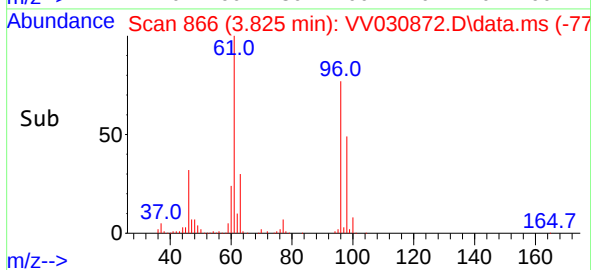
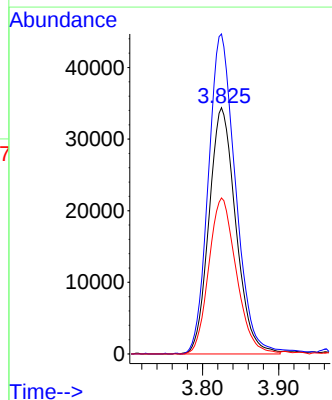
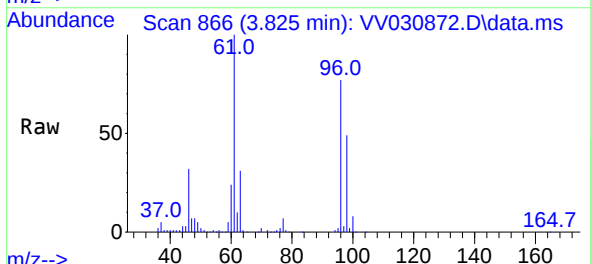
Instrument :
MSVOA_V
ClientSampleId :
VSTD050341

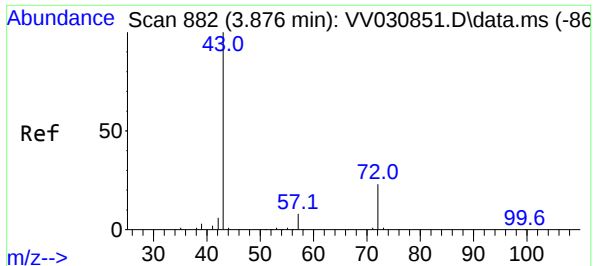
Tgt Ion: 63 Resp: 153297
Ion Ratio Lower Upper
63 100
65 30.6 21.8 40.6
83 13.8 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 47.386 ug/L
RT: 3.825 min Scan# 866
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Tgt Ion: 96 Resp: 84230
Ion Ratio Lower Upper
96 100
61 129.9 92.3 171.3
98 63.4 45.9 85.3

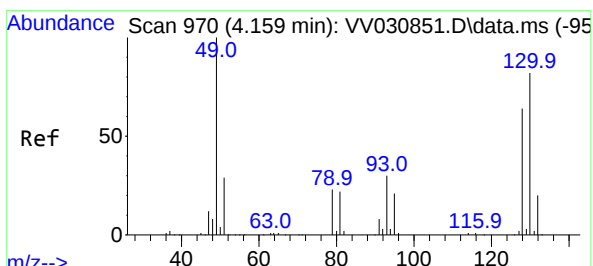
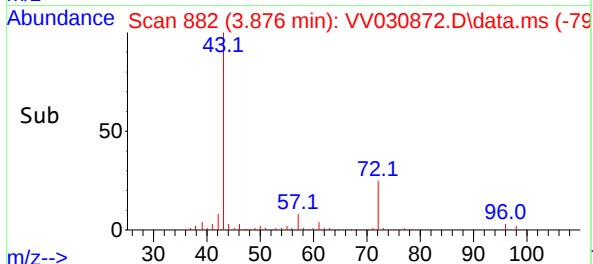
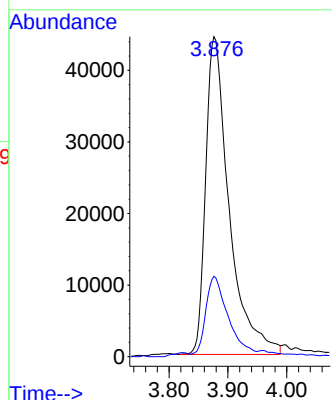
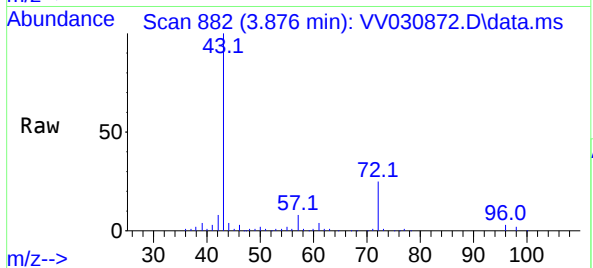




#22
2-Butanone
Concen: 82.701 ug/L
RT: 3.876 min Scan# 811
Delta R.T. -0.007 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

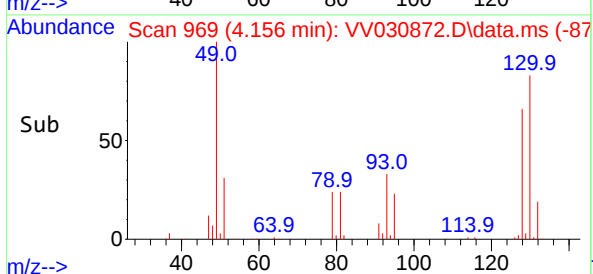
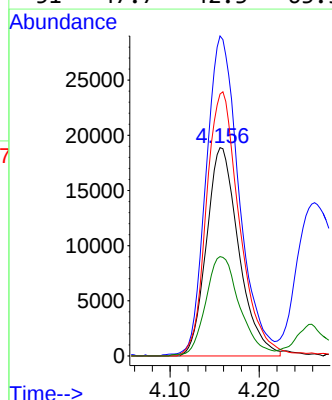
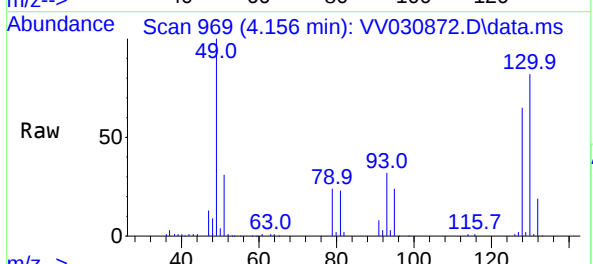
Instrument :
MSVOA_V
ClientSampleId :
VSTD050341

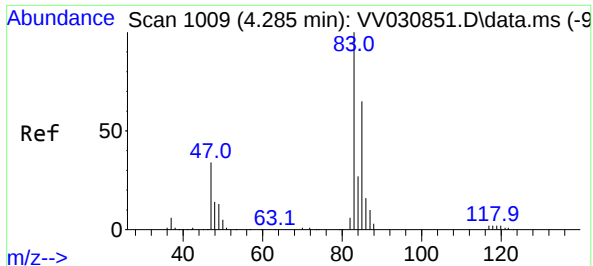
Tgt Ion: 43 Resp: 123094
Ion Ratio Lower Upper
43 100
72 22.9 11.5 34.4



#23
Bromochloromethane
Concen: 47.833 ug/L
RT: 4.156 min Scan# 969
Delta R.T. -0.003 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Tgt Ion:128 Resp: 47488
Ion Ratio Lower Upper
128 100
49 153.6 114.7 213.1
130 125.8 89.0 165.2
51 47.7 42.3 63.5





#25

Chloroform

Concen: 48.557 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. -0.000 min

Lab File: VV030872.D

Acq: 26 Apr 2023 05:54

Instrument :

MSVOA_V

ClientSampleId :

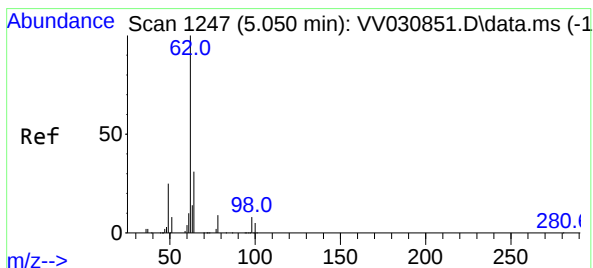
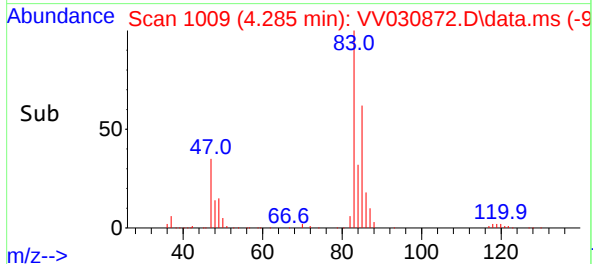
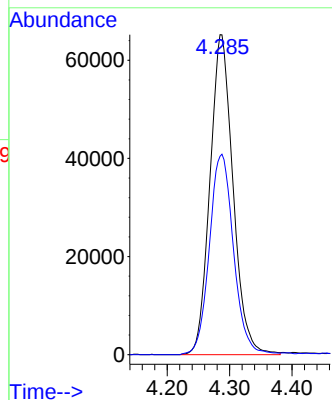
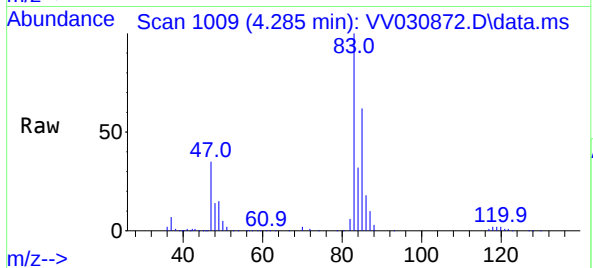
VSTD050341

Tgt Ion: 83 Resp: 167439

Ion Ratio Lower Upper

83 100

85 62.0 45.8 85.2



#27

1,2-Dichloroethane

Concen: 50.207 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.000 min

Lab File: VV030872.D

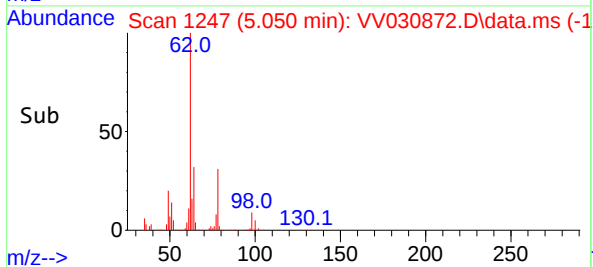
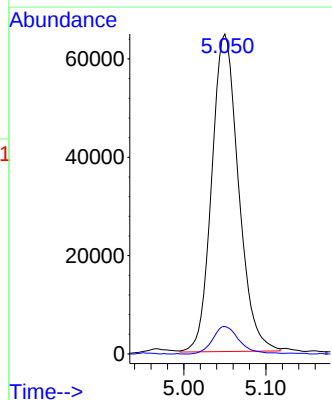
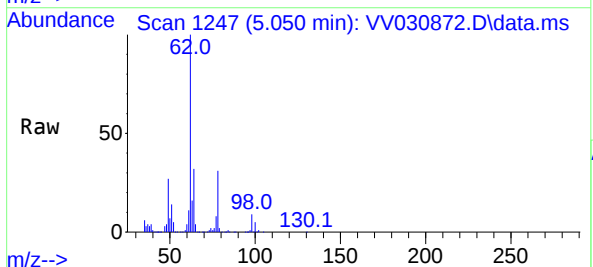
Acq: 26 Apr 2023 05:54

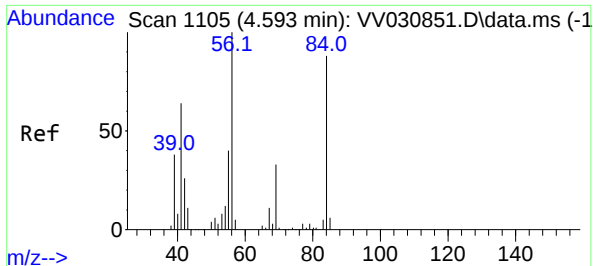
Tgt Ion: 62 Resp: 146554

Ion Ratio Lower Upper

62 100

98 8.6 6.4 9.6





#29

Cyclohexane

Concen: 43.236 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030872.D

Acq: 26 Apr 2023 05:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD050341

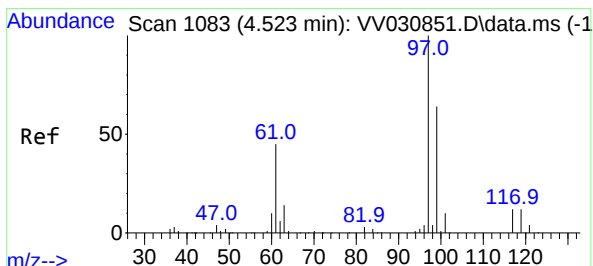
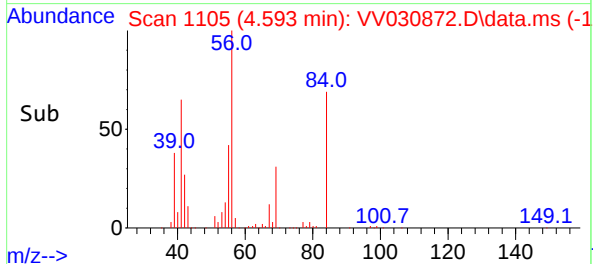
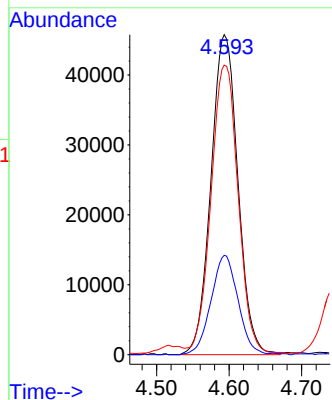
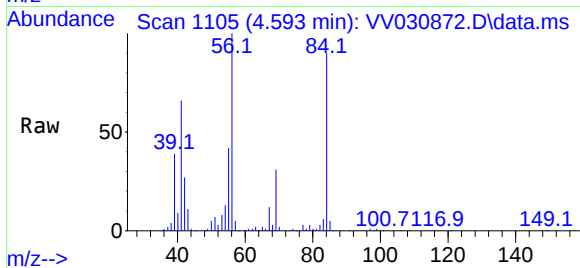
Tgt Ion: 56 Resp: 118412

Ion Ratio Lower Upper

56 100

69 31.0 24.0 36.0

84 89.1 68.2 102.2



#30

1,1,1-Trichloroethane

Concen: 49.128 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VV030872.D

Acq: 26 Apr 2023 05:54

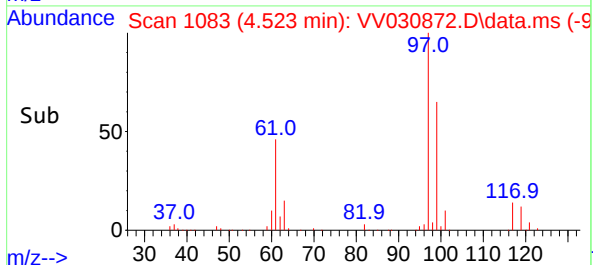
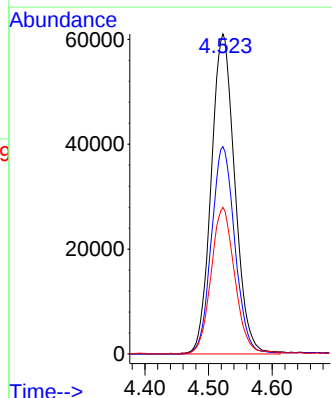
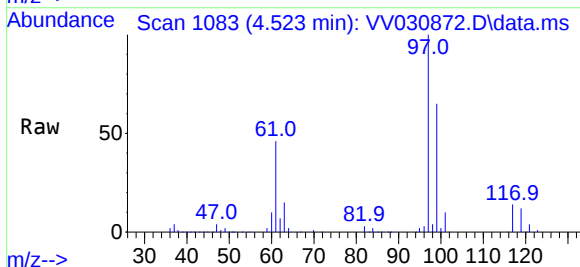
Tgt Ion: 97 Resp: 157545

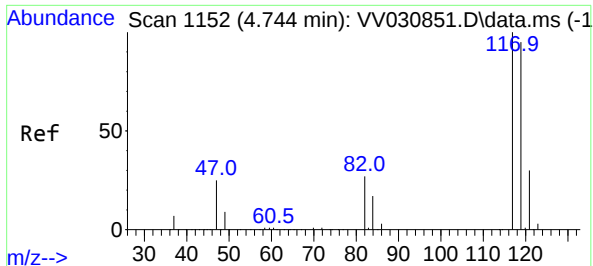
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

61 45.3 37.0 55.6

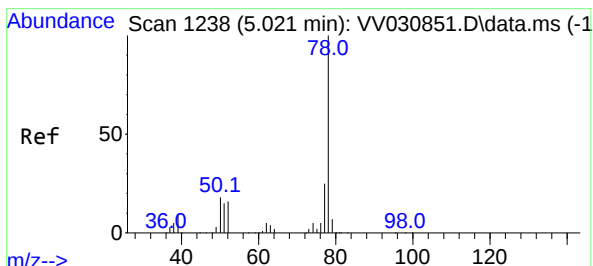
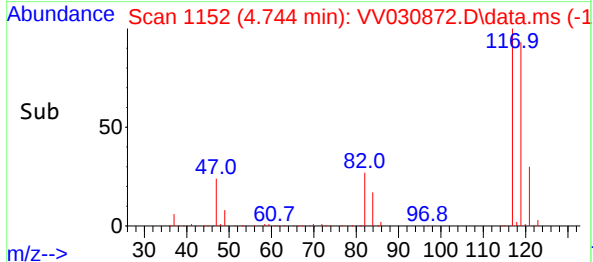
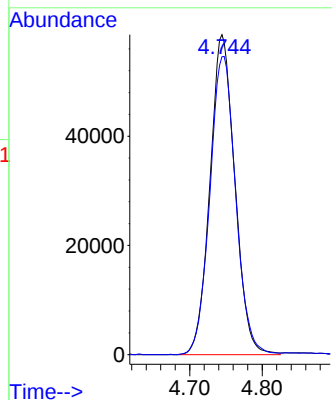
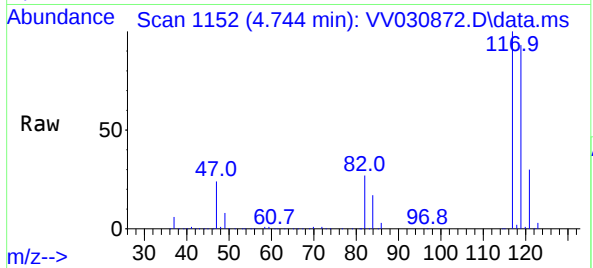




#31
Carbon tetrachloride
Concen: 48.757 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

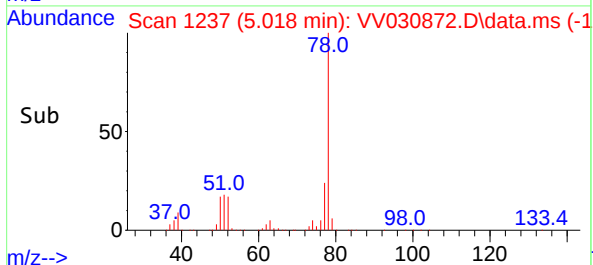
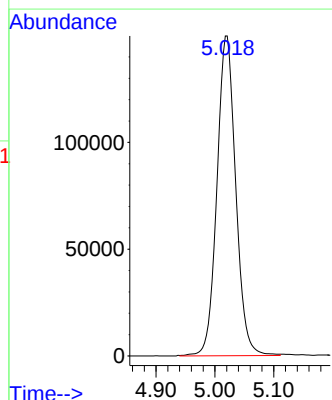
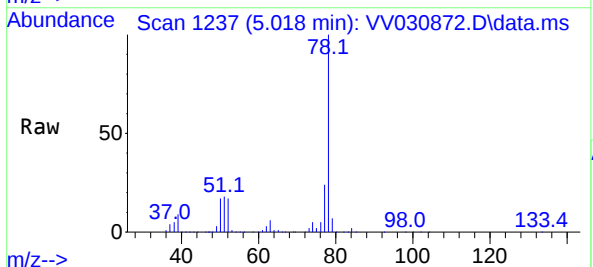
Instrument : MSVOA_V
ClientSampleId : VSTD050341

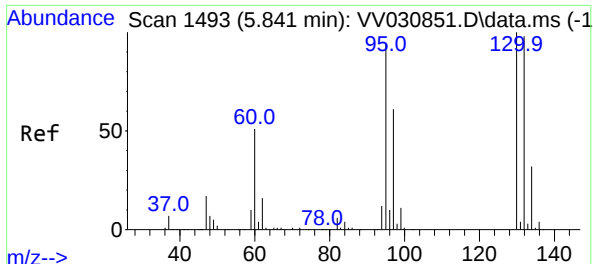
Tgt Ion:117 Resp: 139792
Ion Ratio Lower Upper
117 100
119 96.8 75.9 113.9



#33
Benzene
Concen: 48.011 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Tgt Ion: 78 Resp: 332728





#34

Trichloroethene

Concen: 47.308 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VV030872.D

Acq: 26 Apr 2023 05:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD050341

Tgt Ion: 95 Resp: 85279

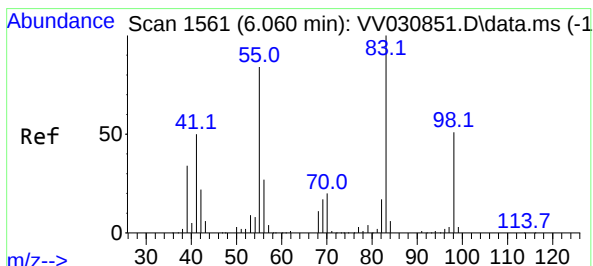
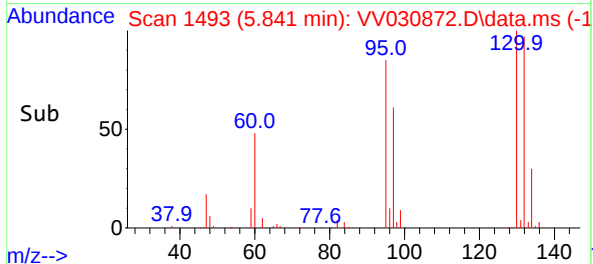
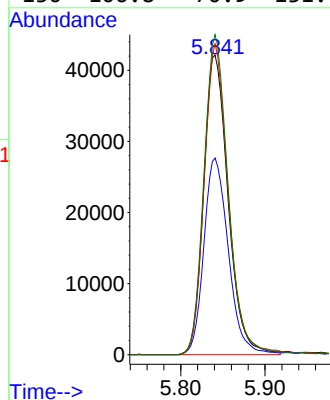
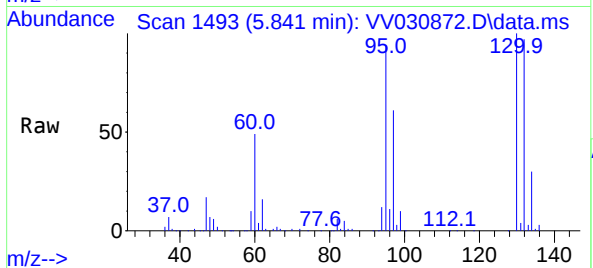
Ion Ratio Lower Upper

95 100

97 65.6 45.8 85.2

132 103.7 70.6 131.2

130 106.8 70.9 131.7



#35

Methylcyclohexane

Concen: 45.084 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.000 min

Lab File: VV030872.D

Acq: 26 Apr 2023 05:54

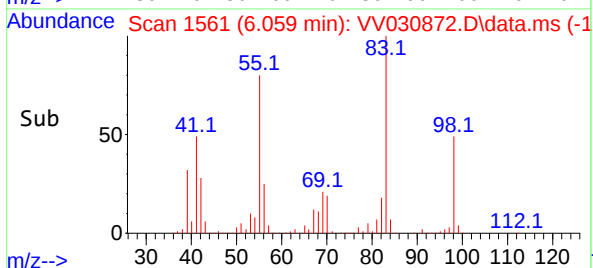
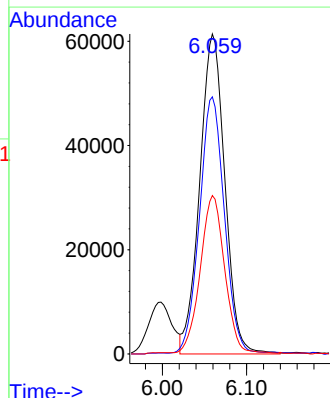
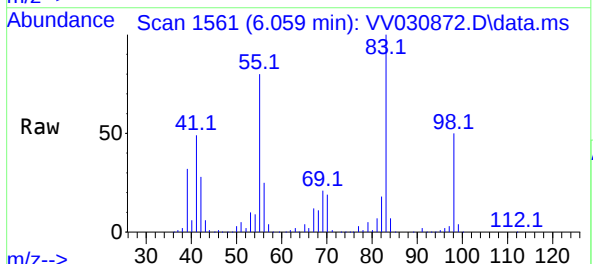
Tgt Ion: 83 Resp: 127344

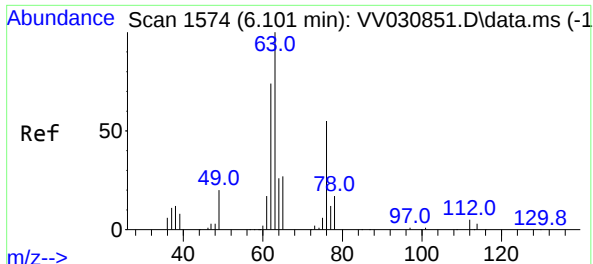
Ion Ratio Lower Upper

83 100

55 79.3 65.5 98.3

98 47.2 38.7 58.1

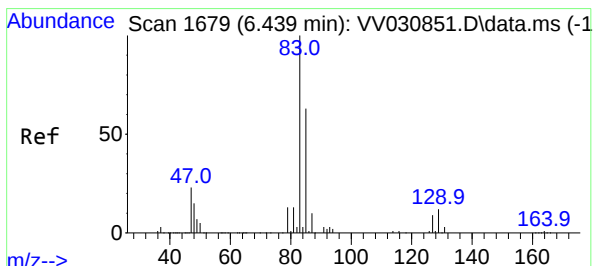
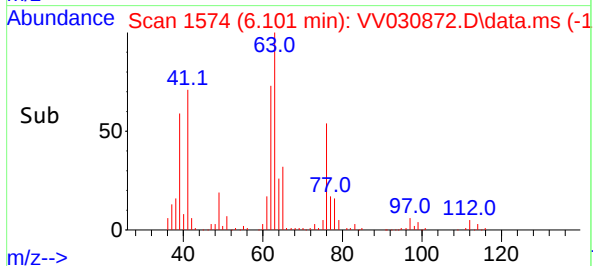
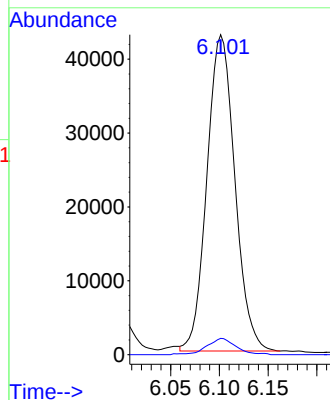
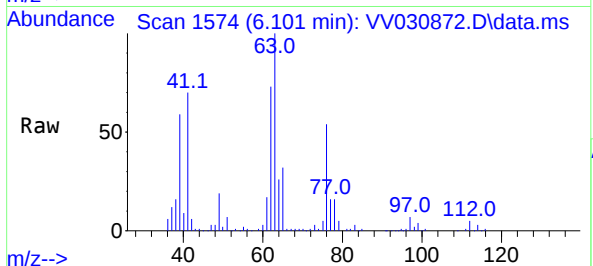




#37
1,2-Dichloropropane
Concen: 45.773 ug/L
RT: 6.101 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

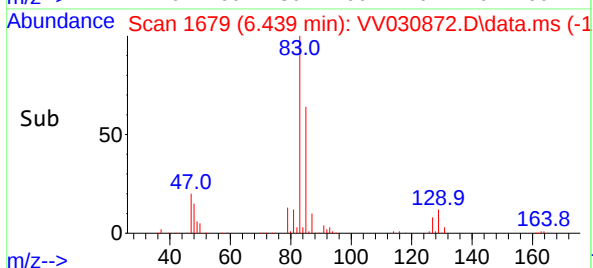
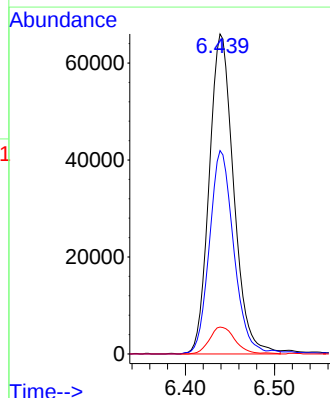
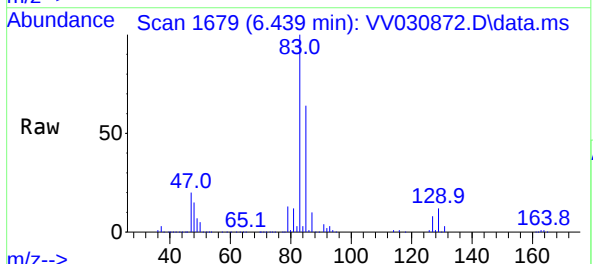
Instrument :
MSVOA_V
ClientSampleId :
VSTD050341

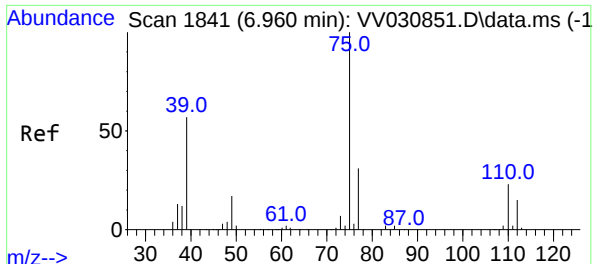
Tgt Ion: 63 Resp: 85381
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 47.963 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Tgt Ion: 83 Resp: 125678
Ion Ratio Lower Upper
83 100
85 63.6 45.4 84.4
127 8.4 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 45.797 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VV030872.D

Acq: 26 Apr 2023 05:54

Instrument :

MSVOA_V

ClientSampleId :

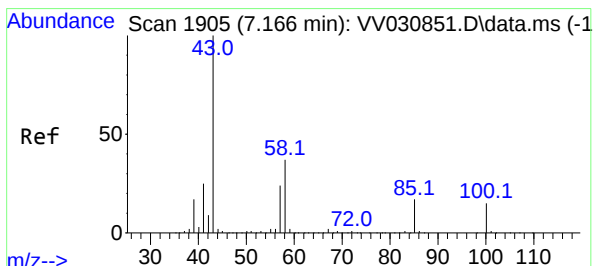
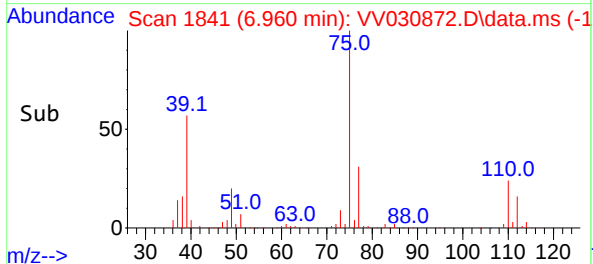
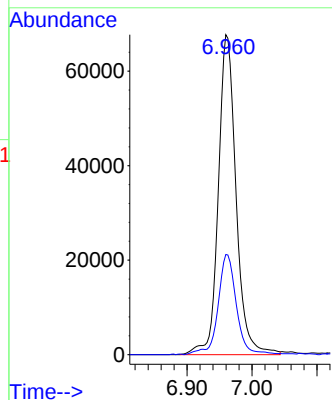
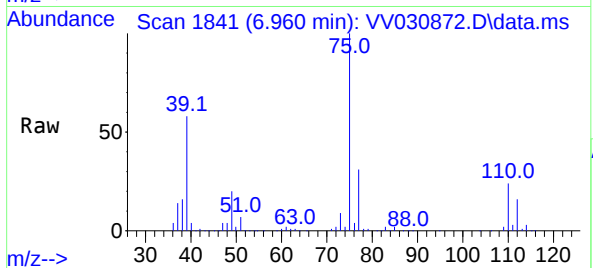
VSTD050341

Tgt Ion: 75 Resp: 128214

Ion Ratio Lower Upper

75 100

77 31.3 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 97.637 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VV030872.D

Acq: 26 Apr 2023 05:54

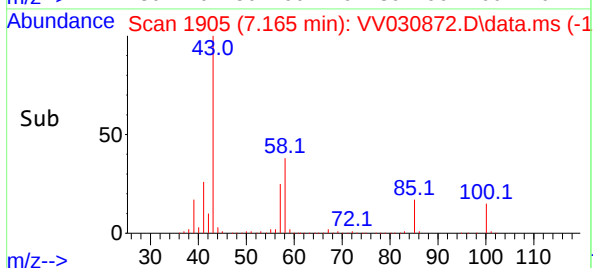
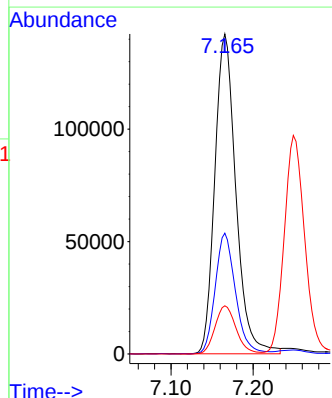
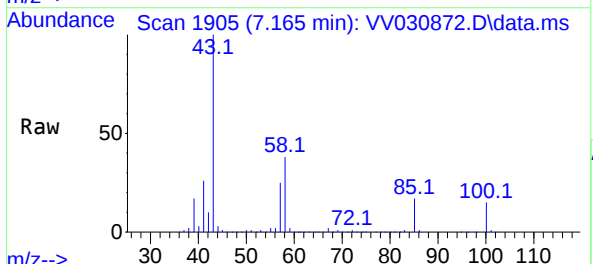
Tgt Ion: 43 Resp: 254409

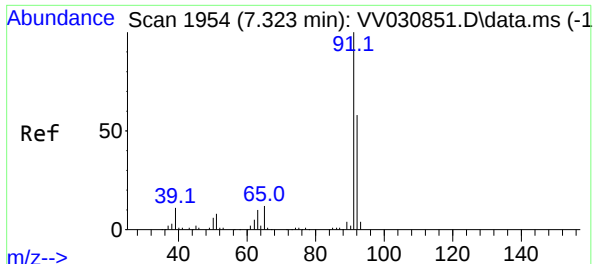
Ion Ratio Lower Upper

43 100

58 36.6 29.2 43.8

100 15.1 11.3 16.9

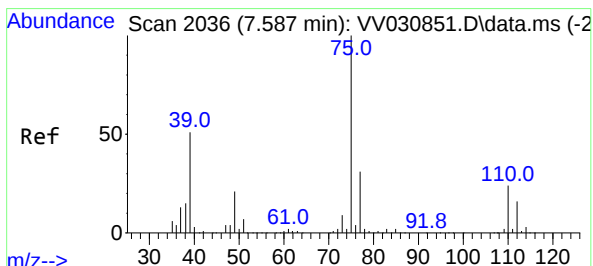
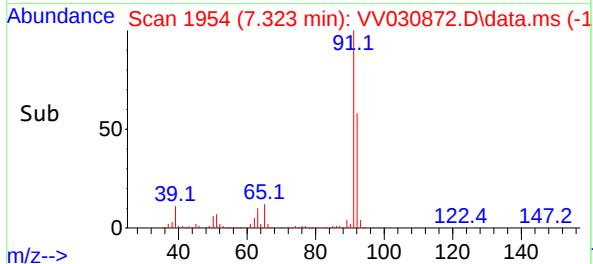
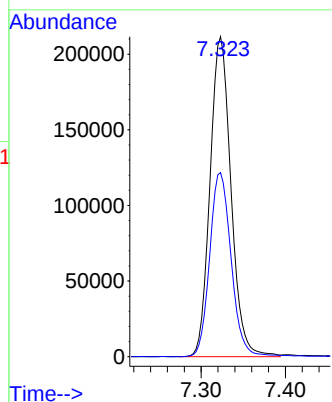
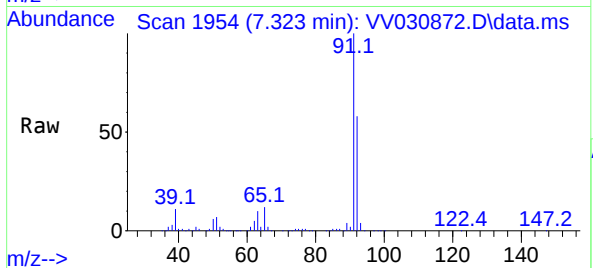




#42
Toluene
Concen: 49.307 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

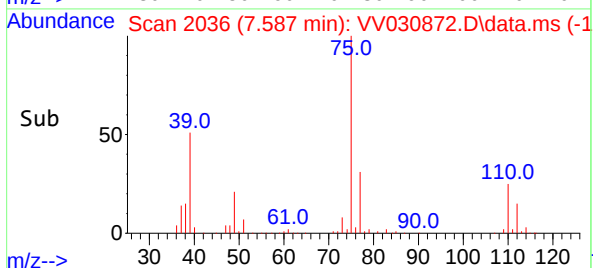
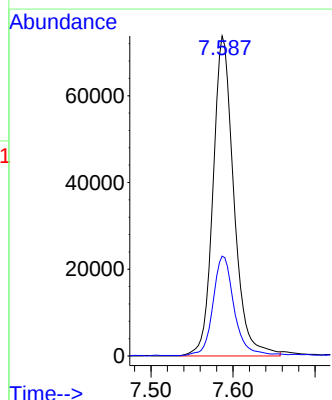
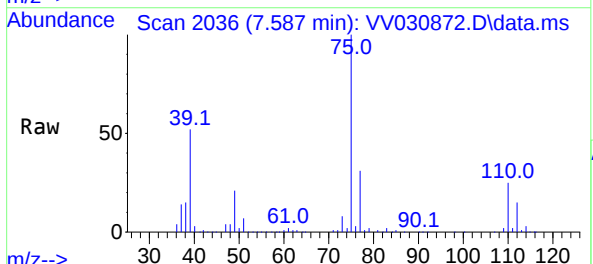
Instrument :
MSVOA_V
ClientSampleId :
VSTD050341

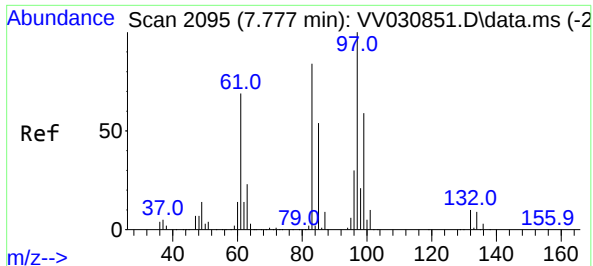
Tgt Ion: 91 Resp: 366004
Ion Ratio Lower Upper
91 100
92 57.5 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 47.379 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Tgt Ion: 75 Resp: 130317
Ion Ratio Lower Upper
75 100
77 31.2 22.1 41.1



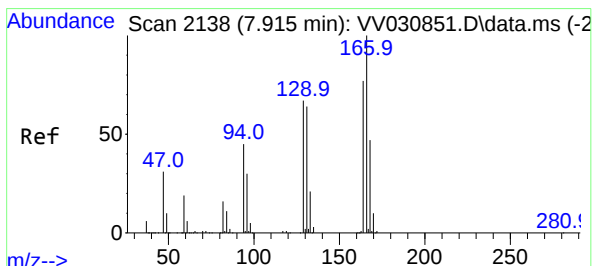
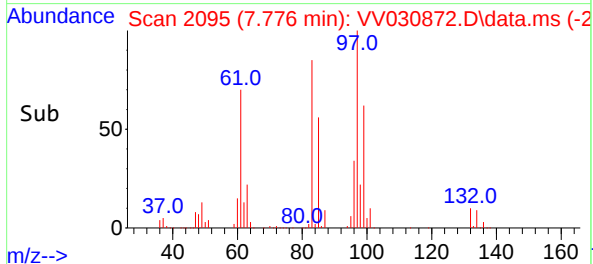
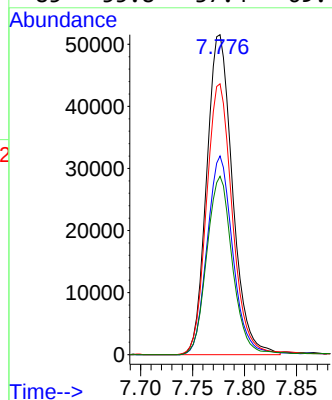
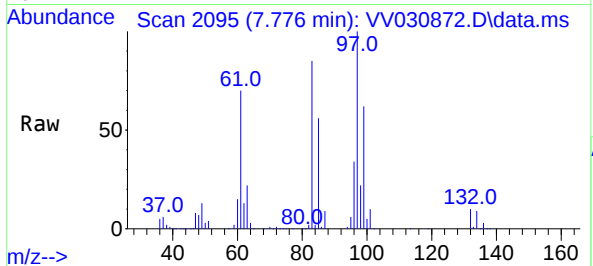


#45
1,1,2-Trichloroethane
Concen: 47.760 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD050341

Tgt Ion: 97 Resp: 89333

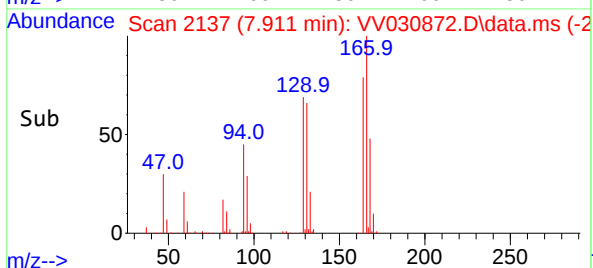
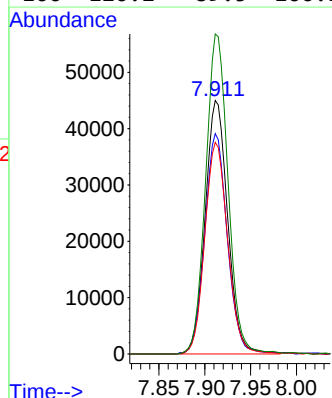
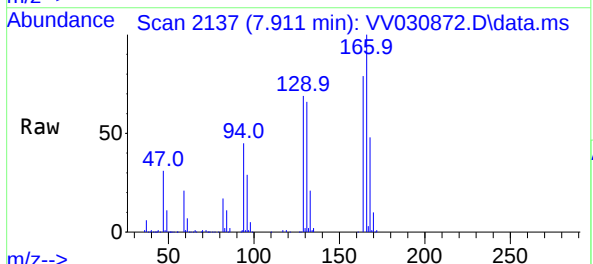
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.8	81.4
83	84.7	59.6	110.6
85	55.8	37.4	69.4

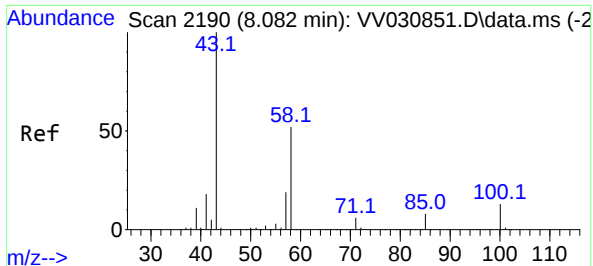


#46
Tetrachloroethene
Concen: 48.737 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Tgt Ion: 164 Resp: 76900

Ion	Ratio	Lower	Upper
164	100		
129	86.9	63.8	118.6
131	83.4	60.3	111.9
166	126.2	89.5	166.1



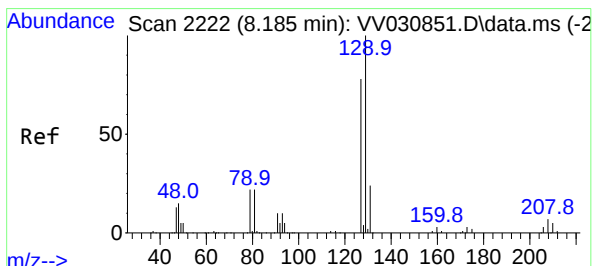
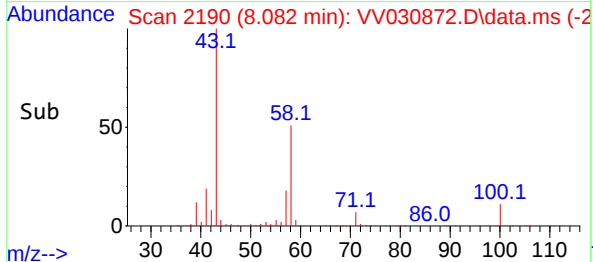
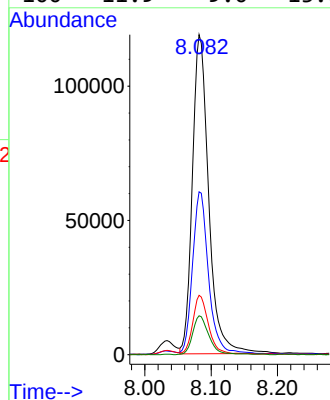
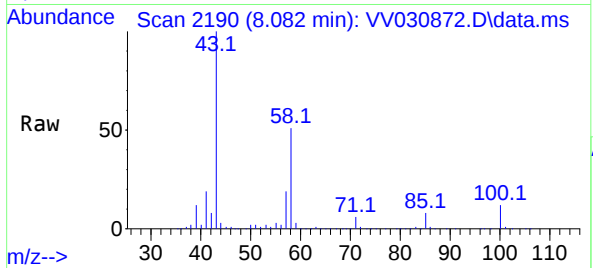


#48
2-Hexanone
Concen: 94.870 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD050341

Tgt Ion: 43 Resp: 203967

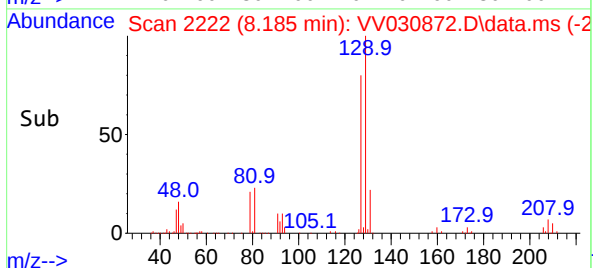
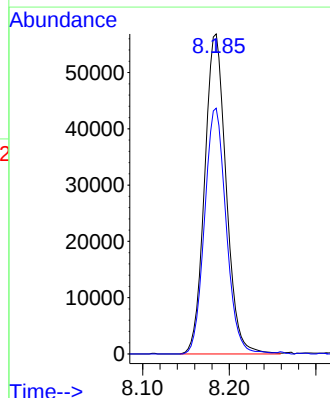
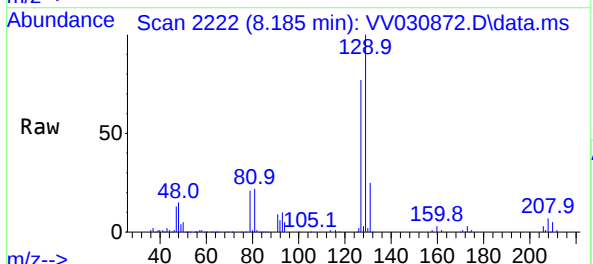
Ion	Ratio	Lower	Upper
43	100		
58	49.4	41.4	62.0
57	17.2	14.9	22.3
100	11.9	9.0	13.6

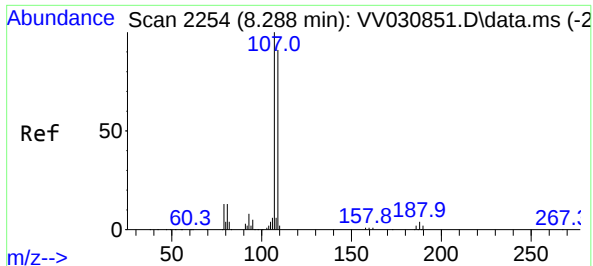


#49
Dibromochloromethane
Concen: 47.565 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Tgt Ion: 129 Resp: 98133

Ion	Ratio	Lower	Upper
129	100		
127	76.8	52.8	98.2





#50

1,2-Dibromoethane

Concen: 47.441 ug/L

RT: 8.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV030872.D

Acq: 26 Apr 2023 05:54

Instrument :

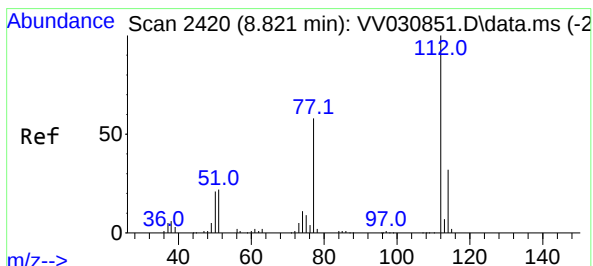
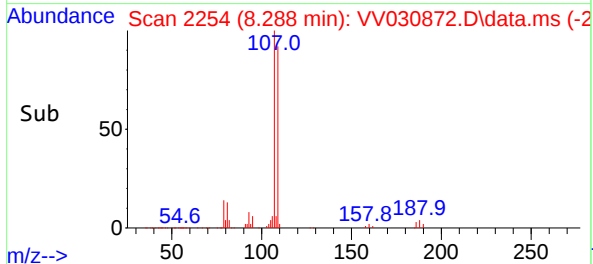
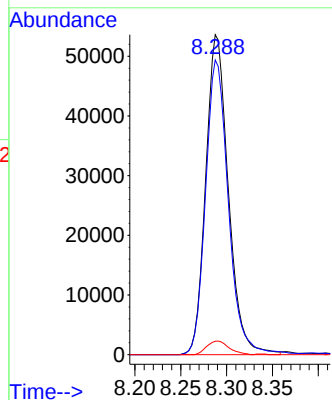
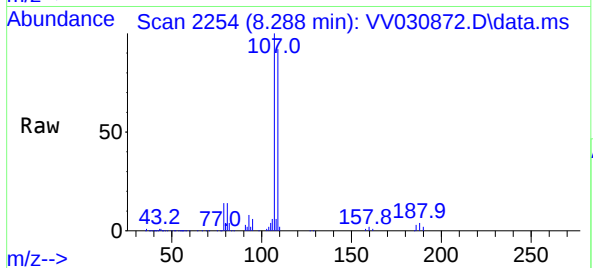
MSVOA_V

ClientSampleId :

VSTD050341

Tgt Ion:107 Resp: 91943

Ion	Ratio	Lower	Upper
107	100		
109	92.1	65.7	121.9
188	4.2	3.2	4.8



#51

Chlorobenzene

Concen: 48.701 ug/L

RT: 8.821 min Scan# 2420

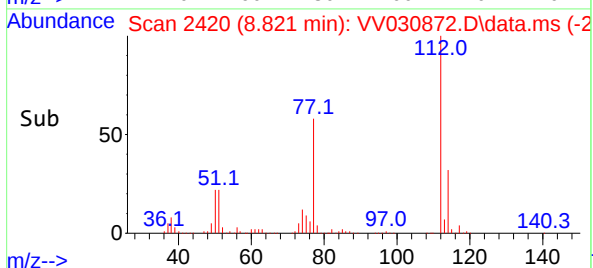
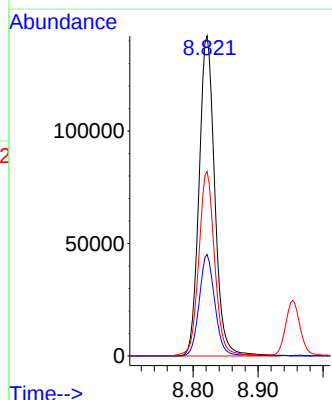
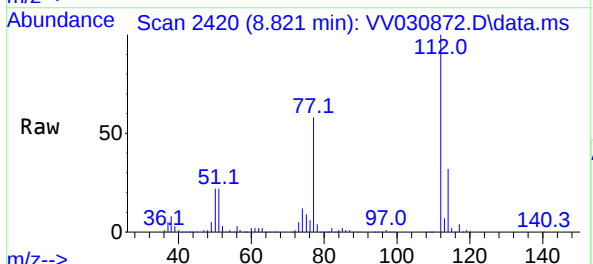
Delta R.T. -0.000 min

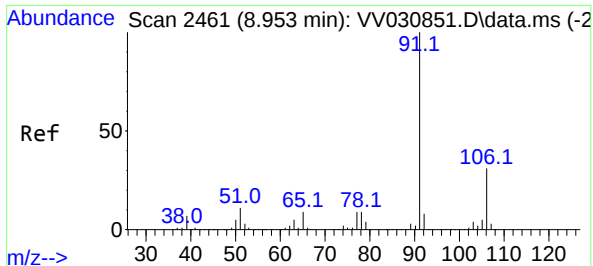
Lab File: VV030872.D

Acq: 26 Apr 2023 05:54

Tgt Ion:112 Resp: 239422

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.4	41.6
77	57.6	47.4	71.0

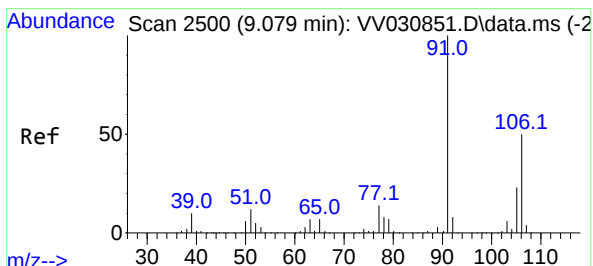
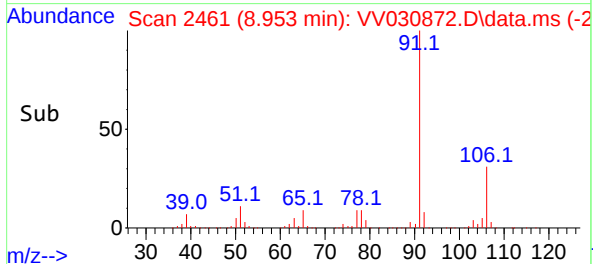
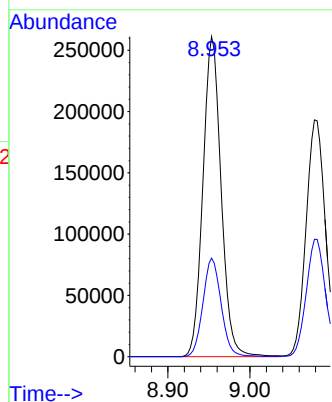
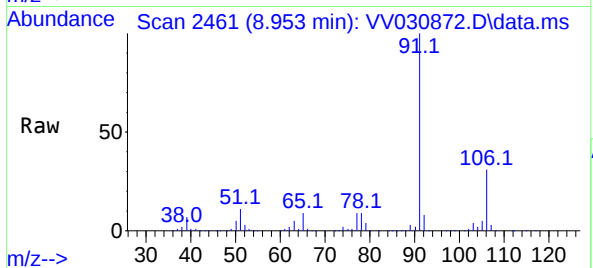




#52
Ethylbenzene
Concen: 48.963 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

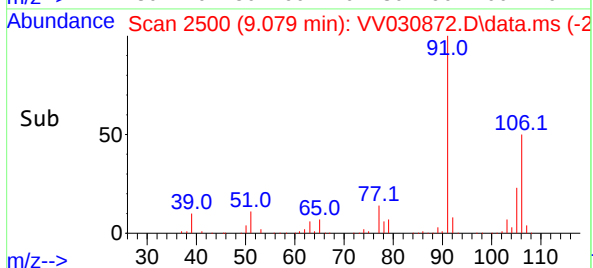
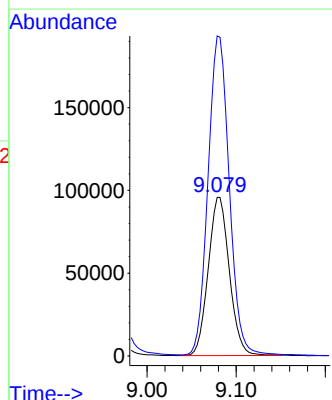
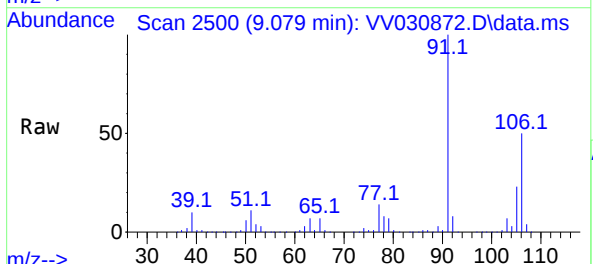
Instrument : MSVOA_V
ClientSampleId : VSTD050341

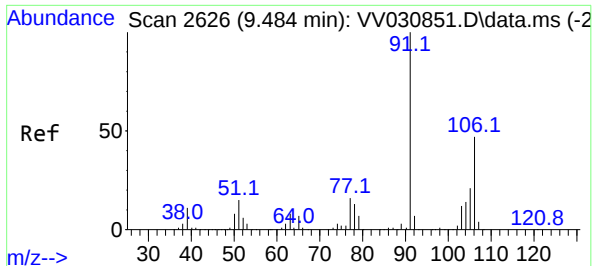
Tgt Ion: 91 Resp: 402362
Ion Ratio Lower Upper
91 100
106 30.8 21.8 40.4



#53
m,p-Xylene
Concen: 50.697 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Tgt Ion: 106 Resp: 157365
Ion Ratio Lower Upper
106 100
91 201.8 144.7 268.7

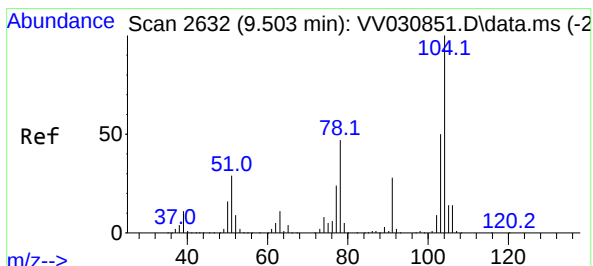
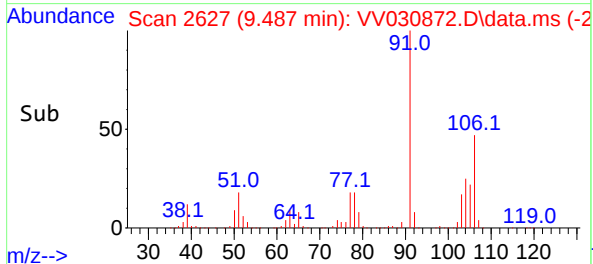
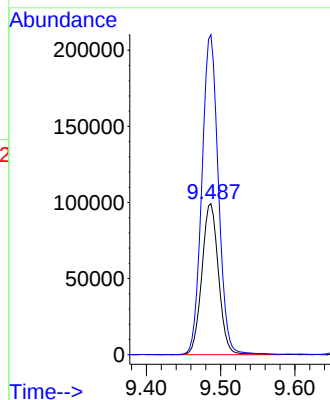
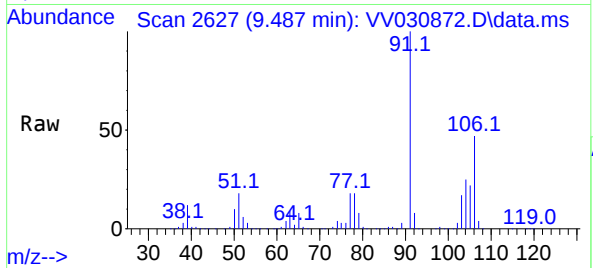




#54
o-Xylene
Concen: 50.896 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

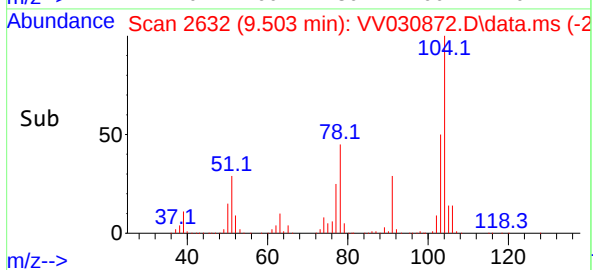
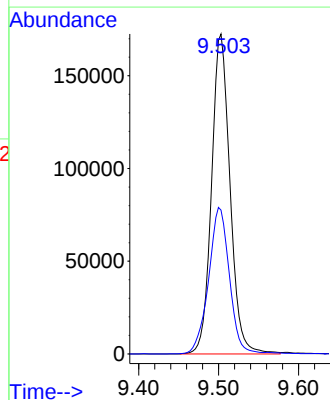
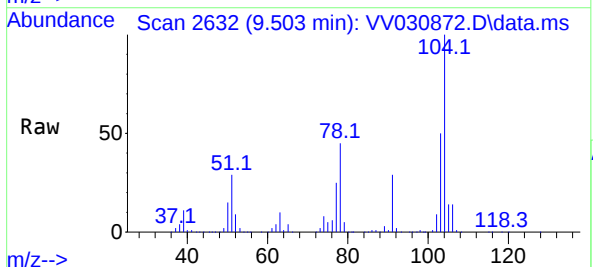
Instrument :
MSVOA_V
ClientSampleId :
VSTD050341

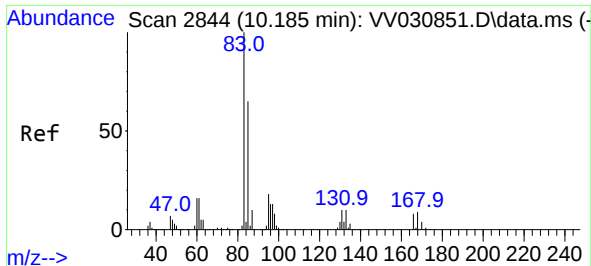
Tgt Ion:106 Resp: 154552
Ion Ratio Lower Upper
106 100
91 211.8 152.6 283.4



#55
Styrene
Concen: 51.953 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Tgt Ion:104 Resp: 277124
Ion Ratio Lower Upper
104 100
78 45.0 32.3 59.9

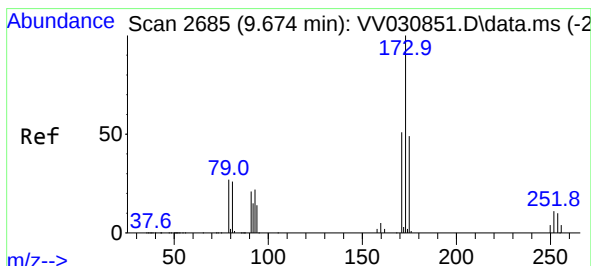
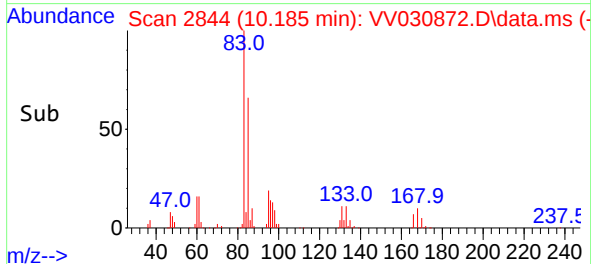
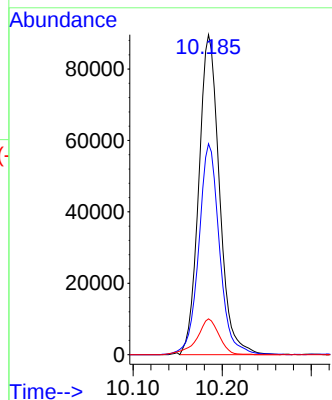
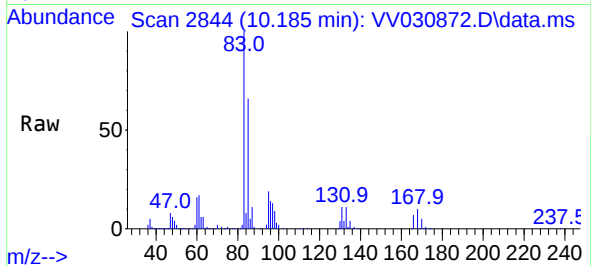




#57
1,1,2,2-Tetrachloroethane
Concen: 47.013 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

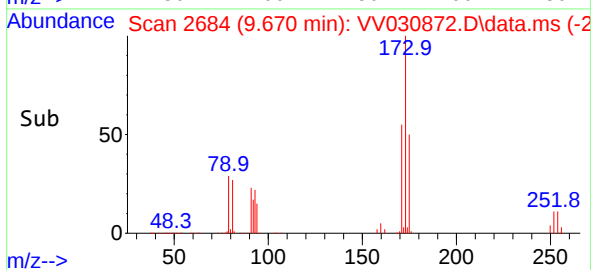
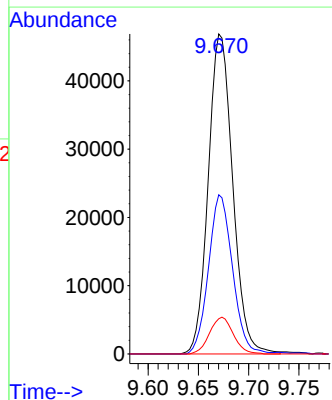
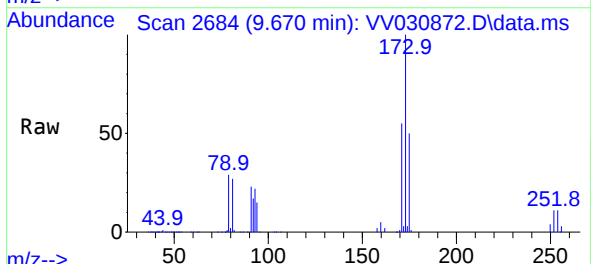
Instrument :
MSVOA_V
ClientSampleId :
VSTD050341

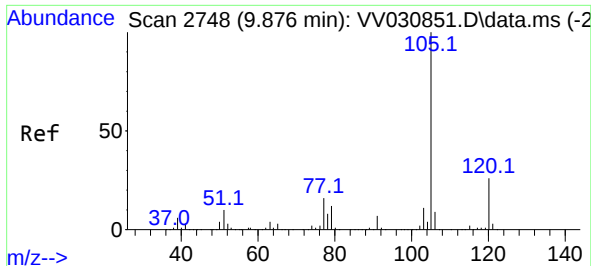
Tgt Ion: 83 Resp: 144375
Ion Ratio Lower Upper
83 100
85 65.9 45.1 83.7
131 11.2 8.0 12.0



#59
Bromoform
Concen: 46.178 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Tgt Ion: 173 Resp: 79309
Ion Ratio Lower Upper
173 100
175 48.8 38.8 58.2
254 11.2 8.2 12.4

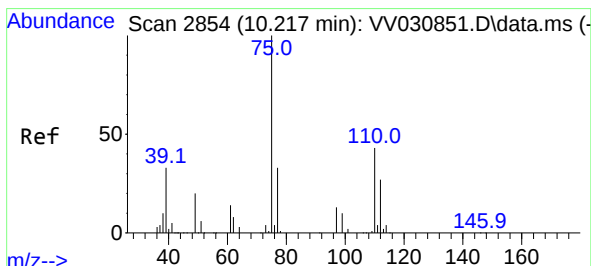
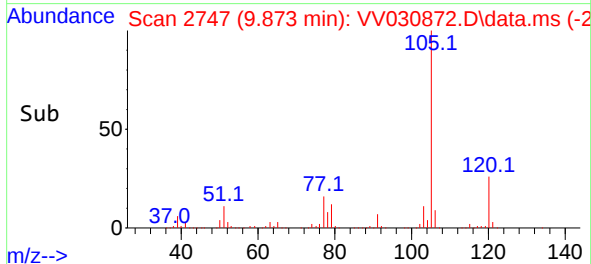
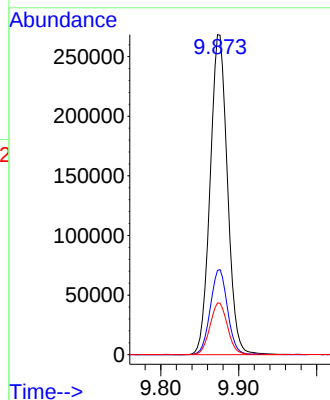
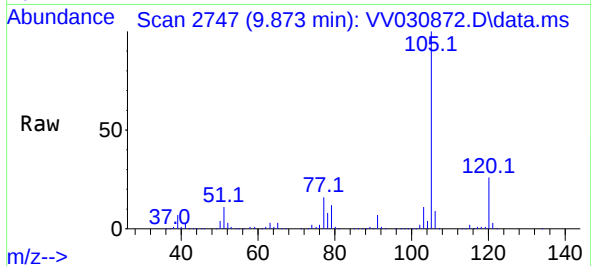




#60
Isopropylbenzene
Concen: 48.468 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

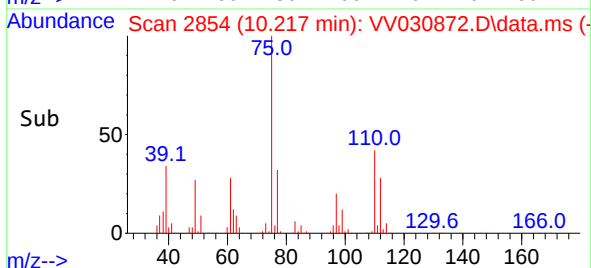
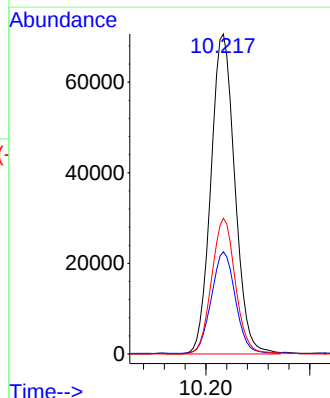
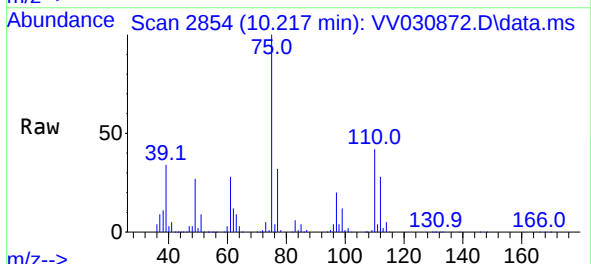
Instrument :
MSVOA_V
ClientSampleId :
VSTD050341

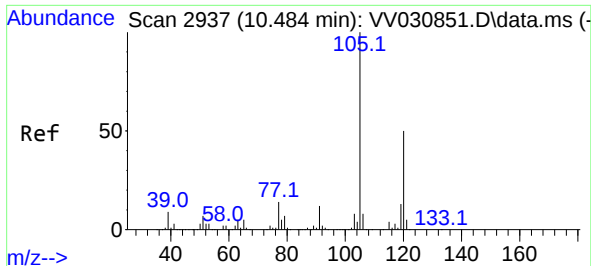
Tgt Ion:105 Resp: 414646
Ion Ratio Lower Upper
105 100
120 26.4 20.9 31.3
77 16.4 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 45.996 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Tgt Ion: 75 Resp: 113008
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
110 42.1 32.8 49.2

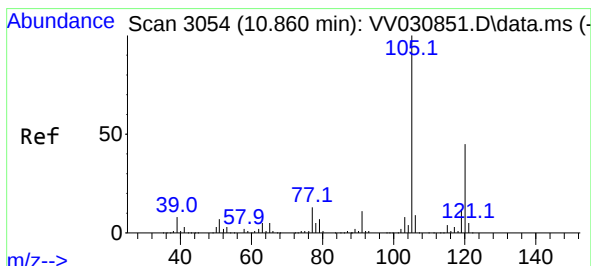
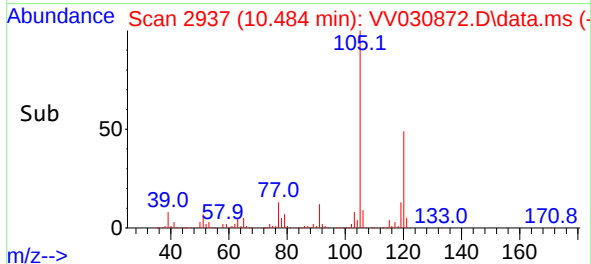
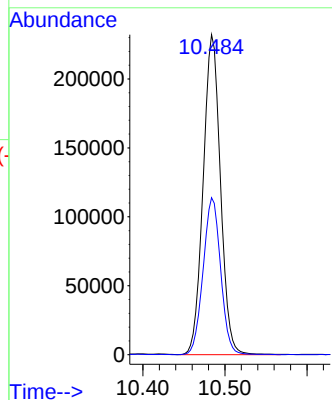
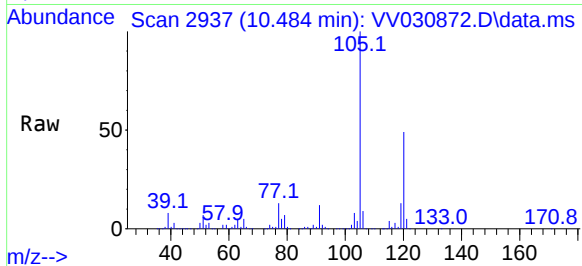




#62
1,3,5-Trimethylbenzene
Concen: 48.277 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

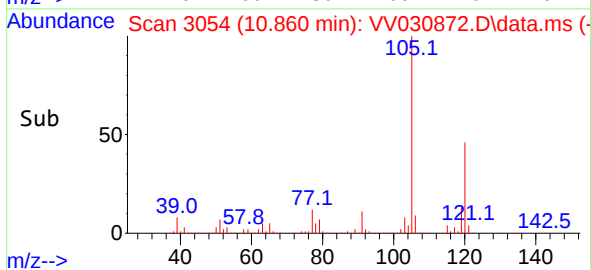
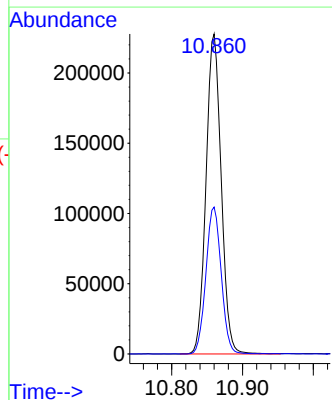
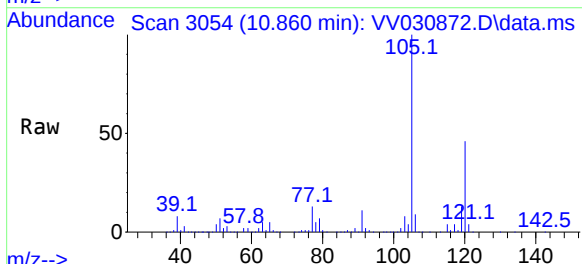
Instrument :
MSVOA_V
ClientSampleId :
VSTD050341

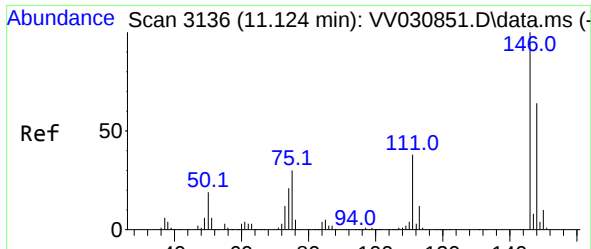
Tgt Ion:105 Resp: 340054
Ion Ratio Lower Upper
105 100
120 49.6 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 48.061 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Tgt Ion:105 Resp: 338006
Ion Ratio Lower Upper
105 100
120 46.4 36.2 54.4

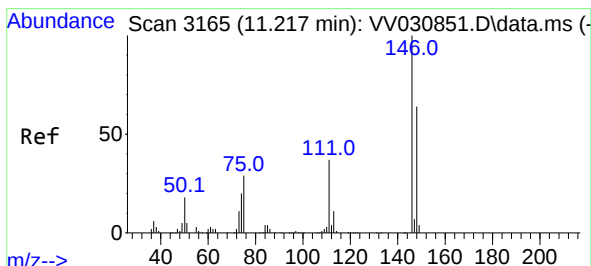
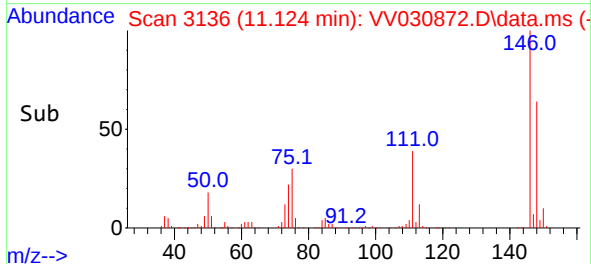
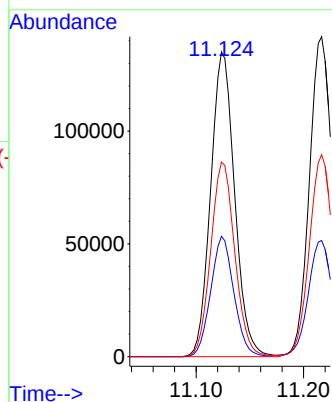
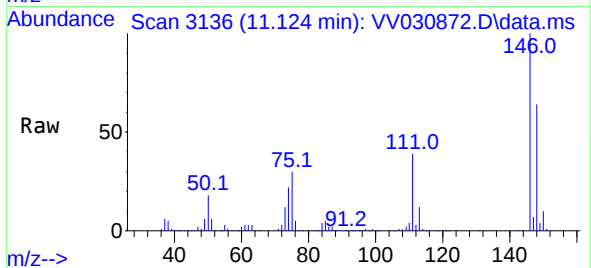




#64
1,3-Dichlorobenzene
Concen: 48.898 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

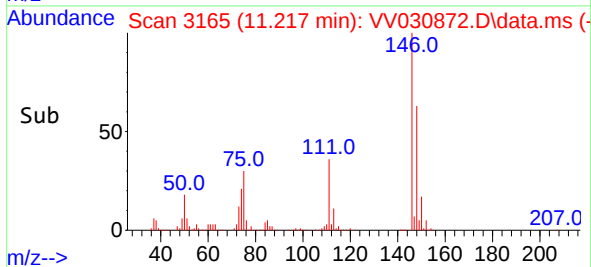
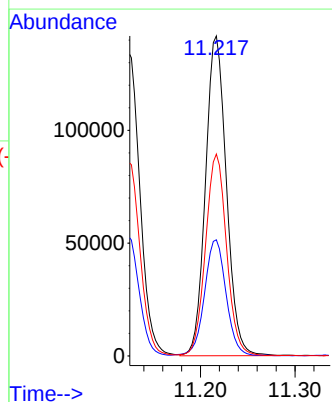
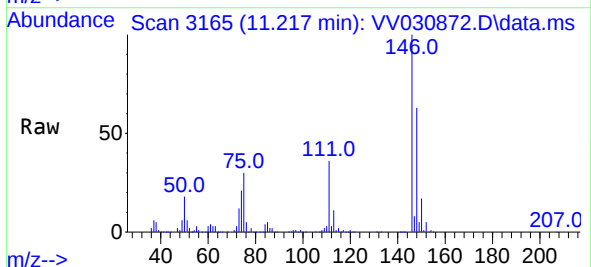
Instrument :
MSVOA_V
ClientSampleId :
VSTD050341

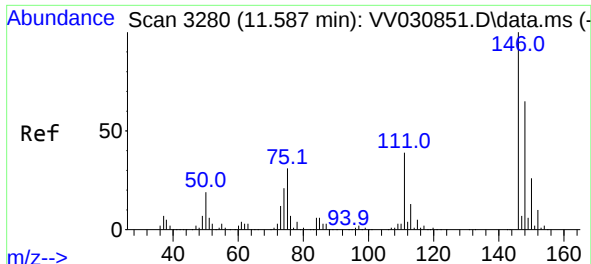
Tgt Ion:146 Resp: 209437
Ion Ratio Lower Upper
146 100
111 39.5 27.0 50.2
148 63.8 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 48.261 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Tgt Ion:146 Resp: 217972
Ion Ratio Lower Upper
146 100
111 36.3 26.5 49.1
148 63.1 44.7 83.1

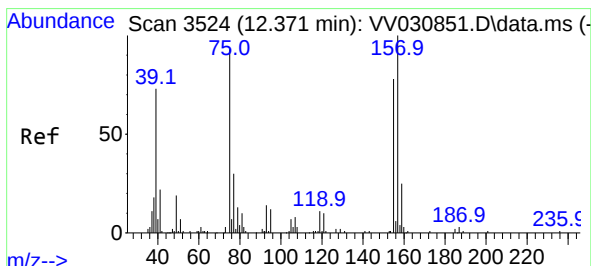
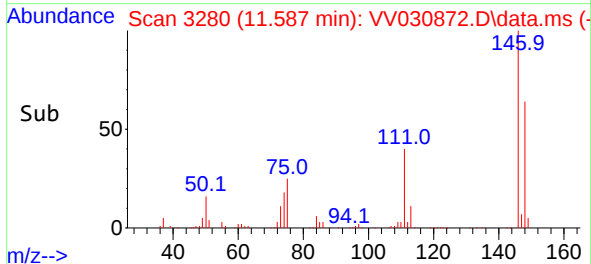
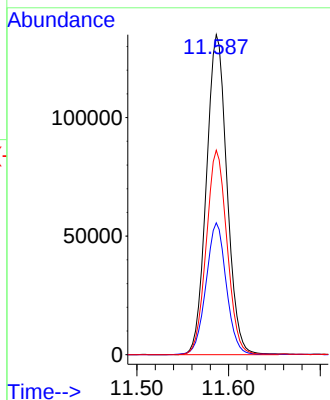
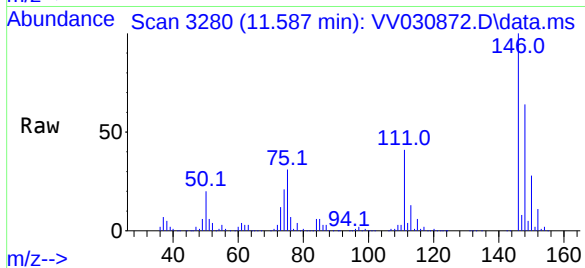




#67
1,2-Dichlorobenzene
Concen: 48.713 ug/L
RT: 11.587 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

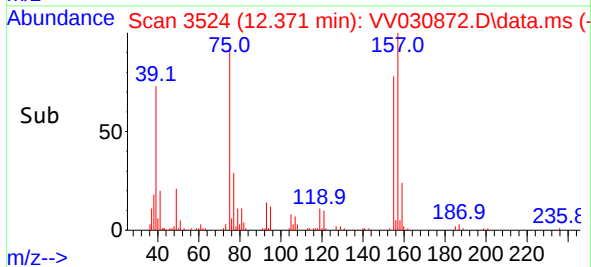
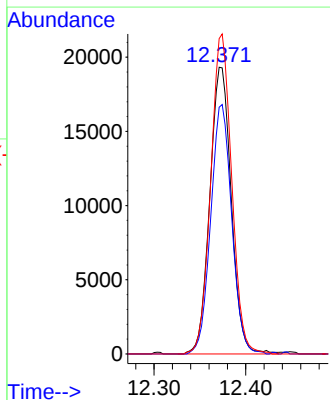
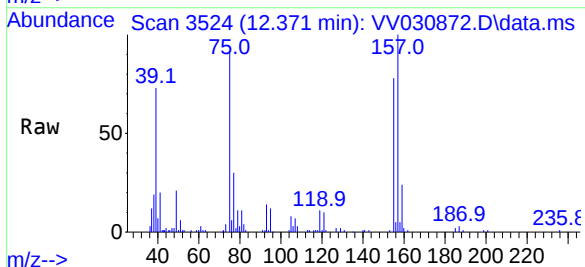
Instrument :
MSVOA_V
ClientSampleId :
VSTD050341

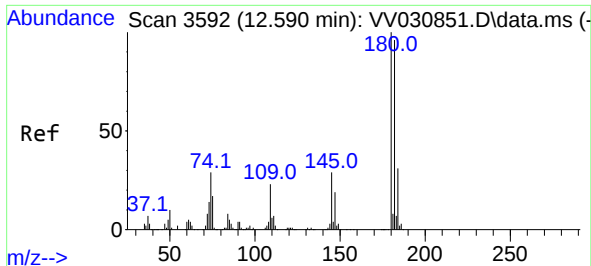
Tgt Ion:146 Resp: 210489
Ion Ratio Lower Upper
146 100
111 41.2 32.0 48.0
148 63.9 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 43.129 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Tgt Ion: 75 Resp: 31394
Ion Ratio Lower Upper
75 100
155 86.1 65.0 97.6
157 110.0 84.4 126.6



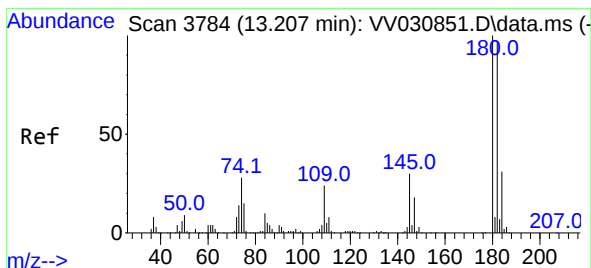
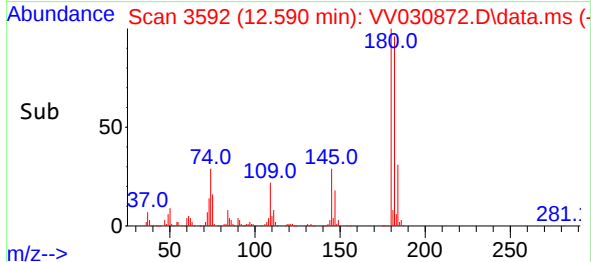
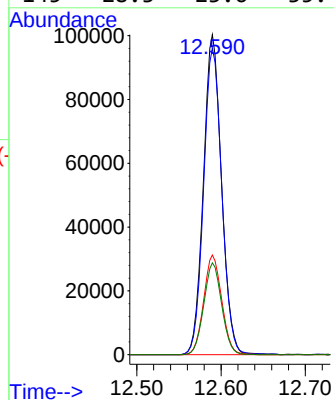
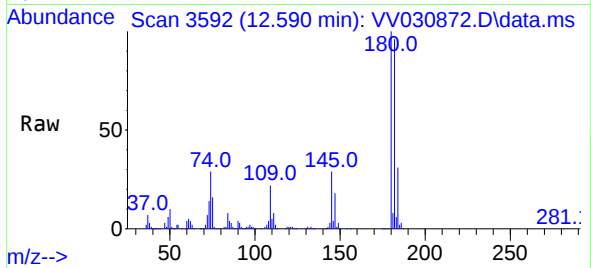


#69
 1,3,5-Trichlorobenzene
 Concen: 46.439 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. -0.000 min
 Lab File: VV030872.D
 Acq: 26 Apr 2023 05:54

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050341

Tgt Ion:180 Resp: 150253

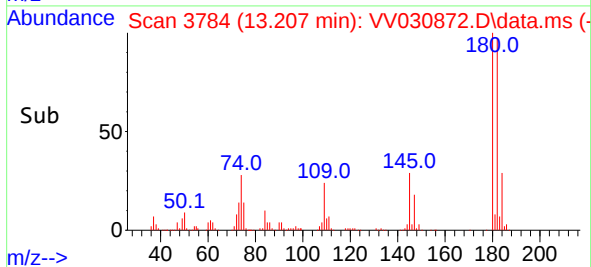
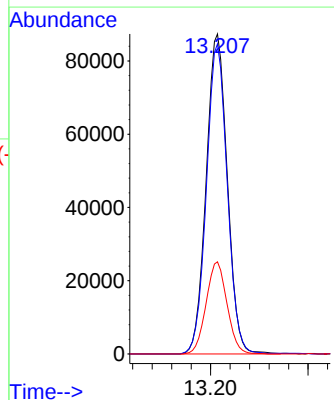
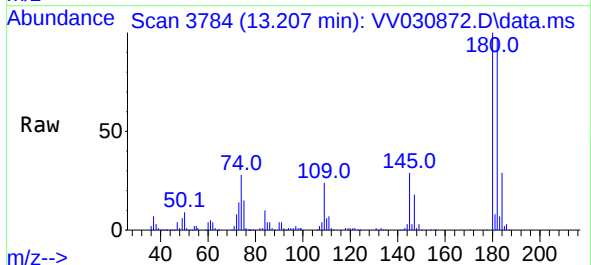
Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.4	114.6
184	31.0	24.1	36.1
145	28.3	23.6	35.4

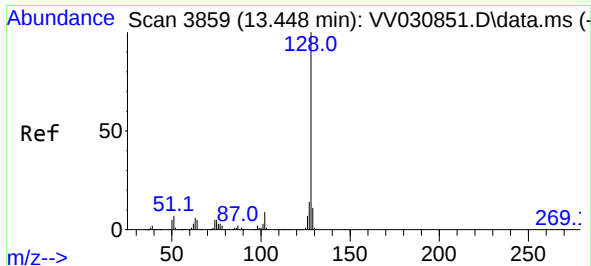


#70
 1,2,4-trichlorobenzene
 Concen: 47.833 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030872.D
 Acq: 26 Apr 2023 05:54

Tgt Ion:180 Resp: 131405

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.9	113.9
145	28.5	23.4	35.2



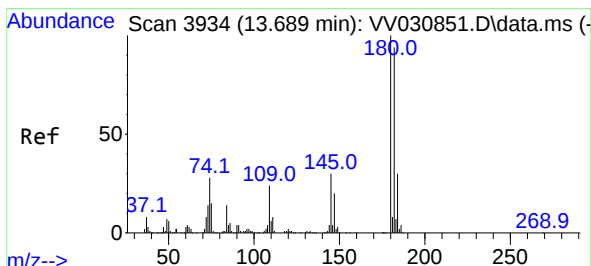
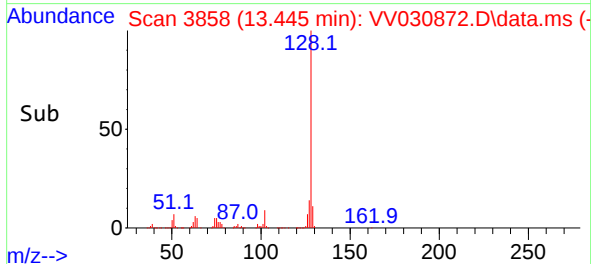
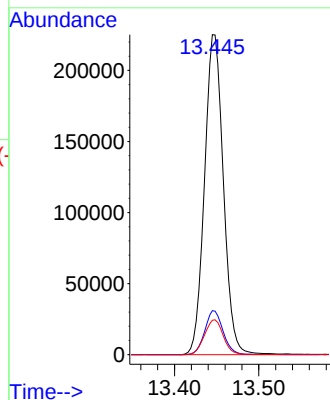
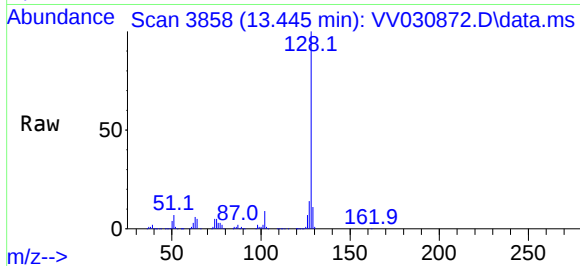


#71
Naphthalene
Concen: 46.813 ug/L
RT: 13.445 min Scan# 3859
Delta R.T. -0.003 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD050341

Tgt Ion:128 Resp: 351791

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.9	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 49.543 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030872.D
Acq: 26 Apr 2023 05:54

Tgt Ion:180 Resp: 134959

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.2	114.4
145	30.7	25.1	37.7

