

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030623\
 Data File : VW025372.D
 Acq On : 06 Mar 2023 09:15
 Operator : SY/MD
 Sample : VSTD00532
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005432

Quant Time: Mar 07 04:52:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 07 04:37:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	780924	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	668813	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	338721	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	69982	5.389	ug/L	0.00
7) Chloroethane-d5	2.899	69	49878	5.333	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	63	128586	5.127	ug/L	0.00
21) 2-Butanone-d5	7.081	46	31180	9.608	ug/L	0.00
24) Chloroform-d	7.655	84	113551	5.044	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	63329	5.241	ug/L	0.00
32) Benzene-d6	8.276	84	239240	5.235	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	73046	5.169	ug/L	0.00
41) Toluene-d8	10.325	98	202903	5.036	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	27731	4.926	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	18809	9.252	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	53049	5.122	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	60492	4.802	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	35855	4.119	ug/L #	73
3) Chloromethane	2.223	50	44136	4.158	ug/L	95
5) Vinyl chloride	2.375	62	55268	4.609	ug/L	94
6) Bromomethane	2.790	94	29902	4.677	ug/L	97
8) Chloroethane	2.936	64	33084	4.800	ug/L	96
9) Trichlorofluoromethane	3.271	101	47405	4.567	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	52645	5.230	ug/L	96
12) 1,1-Dichloroethene	4.161	96	176	0.018	ug/L	78
13) Acetone	4.125	43	29925	9.767	ug/L	71
14) Carbon disulfide	4.393	76	125196	4.135	ug/L	98
15) Methyl Acetate	4.673	43	30504	5.239	ug/L	97
16) Methylene chloride	4.917	84	54824	5.042	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	48281	4.729	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	76086	4.951	ug/L #	84
19) 1,1-Dichloroethane	6.216	63	105077	4.971	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	53461	4.772	ug/L #	97
22) 2-Butanone	7.173	43	38698	9.764	ug/L	99
23) Bromochloromethane	7.520	128	24048	5.006	ug/L	91
25) Chloroform	7.673	83	100759	5.070	ug/L	95
27) 1,2-Dichloroethane	8.404	62	67520	5.091	ug/L	99
29) Cyclohexane	7.953	56	83225	4.408	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	81433	5.122	ug/L	100
31) Carbon tetrachloride	8.069	117	72396	5.080	ug/L	98
33) Benzene	8.325	78	213185	4.986	ug/L	100
34) Trichloroethene	9.093	95	55669	4.960	ug/L	97
35) Methylcyclohexane	9.337	83	89088	4.567	ug/L	99
37) 1,2-Dichloropropane	9.368	63	59878	5.087	ug/L	99
38) Bromodichloromethane	9.642	83	69904	5.092	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	80598	4.753	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	70093	9.908	ug/L	99
42) Toluene	10.386	91	216219	4.897	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	68613	4.832	ug/L	99

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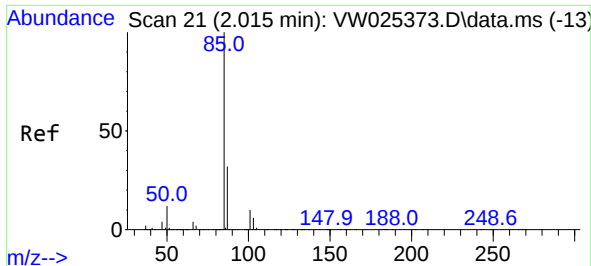
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005432

Quant Time: Mar 07 04:52:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 07 04:37:49 2023
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	10.788	97	42618	5.392	ug/L	99
46) Tetrachloroethene	10.861	164	39701	4.972	ug/L	96
48) 2-Hexanone	10.971	43	49071	9.641	ug/L	100
49) Dibromochloromethane	11.130	129	42977	5.089	ug/L	98
50) 1,2-Dibromoethane	11.233	107	37106	5.071	ug/L	96
51) Chlorobenzene	11.654	112	145518	5.193	ug/L	94
52) Ethylbenzene	11.727	91	245372	4.873	ug/L	92
53) m,p-Xylene	11.837	106	90024	4.847	ug/L	98
54) o-Xylene	12.166	106	84175	4.817	ug/L	88
55) Styrene	12.178	104	146879	4.922	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	53070	5.397	ug/L	97
59) Bromoform	12.349	173	25974	5.315	ug/L	97
60) Isopropylbenzene	12.465	105	237119	4.696	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	38019	5.152	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	181620	4.542	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	179950	4.568	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	107413	5.020	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	109335	4.982	ug/L	88
67) 1,2-Dichlorobenzene	13.867	146	97443	5.078	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.483	75	8568	5.015	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	73340	5.042	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	57836	4.796	ug/L	93
71) Naphthalene	15.360	128	109257	4.590	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	55705	5.143	ug/L	95

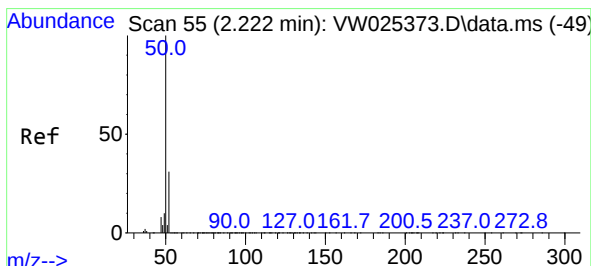
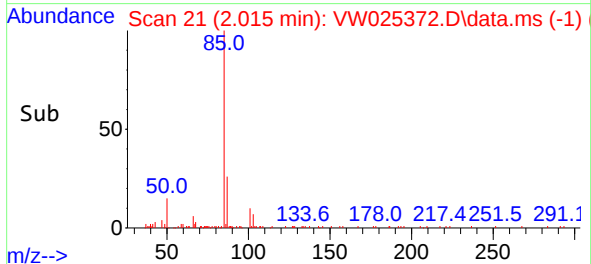
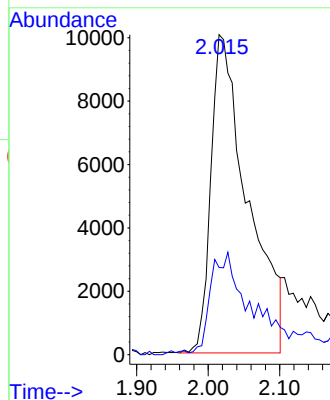
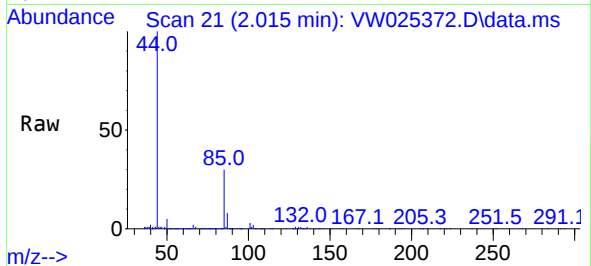
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#2
Dichlorodifluoromethane
Concen: 4.119 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

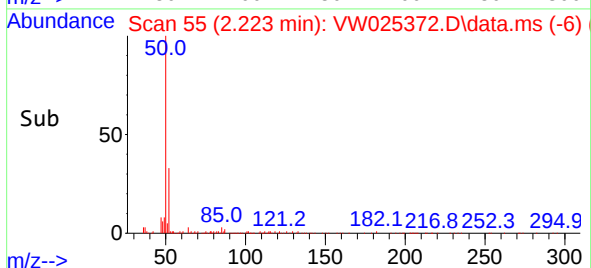
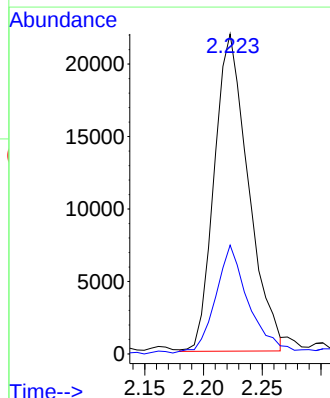
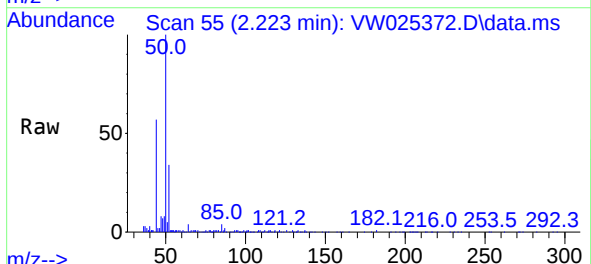
Instrument :
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ClientSampleId :
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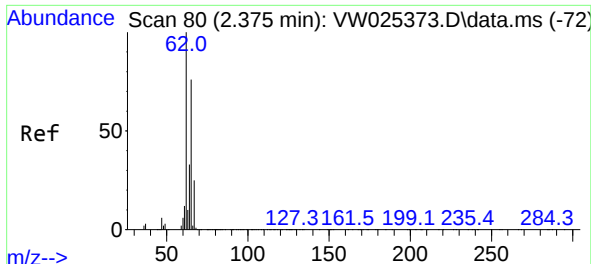
Tgt Ion: 85 Resp: 35855
Ion Ratio Lower Upper
85 100
87 12.1 20.5 30.7#



#3
Chloromethane
Concen: 4.158 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.001 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Tgt Ion: 50 Resp: 44136
Ion Ratio Lower Upper
50 100
52 34.0 21.9 40.7

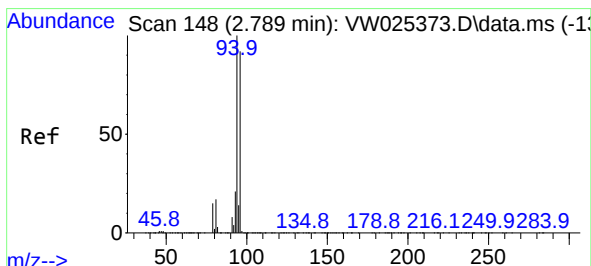
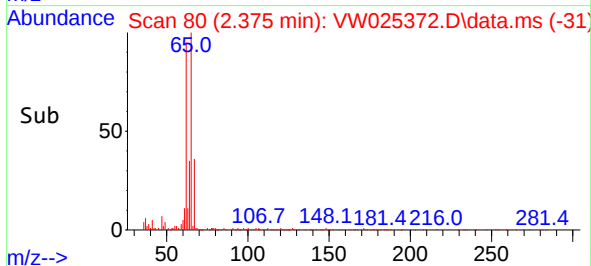
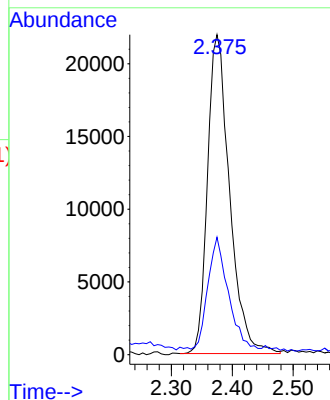
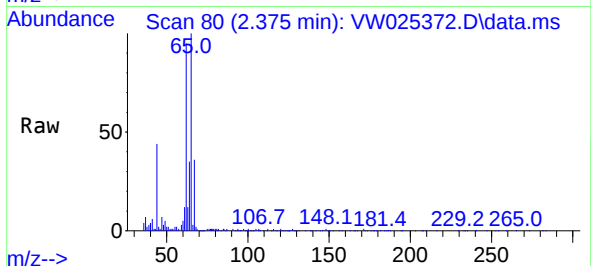




#5
 Vinyl chloride
 Concen: 4.609 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025372.D
 Acq: 06 Mar 2023 09:15

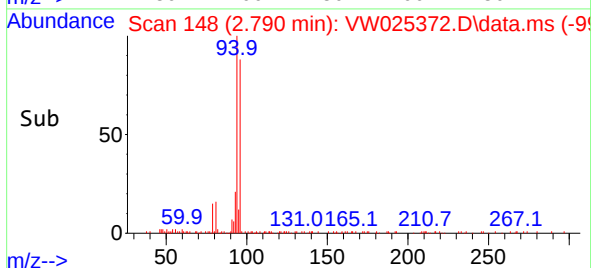
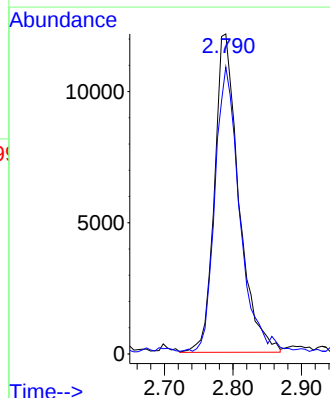
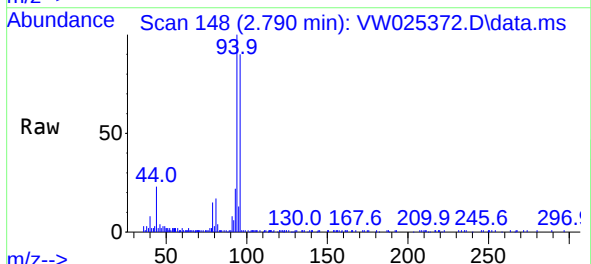
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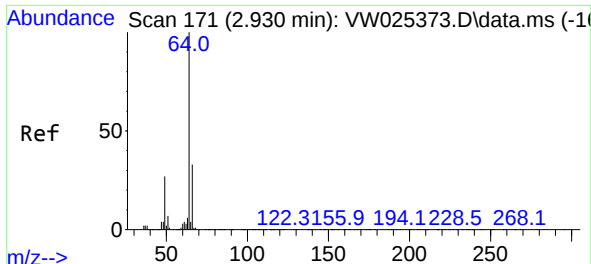
Tgt Ion: 62 Resp: 55268
 Ion Ratio Lower Upper
 62 100
 64 36.7 23.4 43.6



#6
 Bromomethane
 Concen: 4.677 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.001 min
 Lab File: VW025372.D
 Acq: 06 Mar 2023 09:15

Tgt Ion: 94 Resp: 29902
 Ion Ratio Lower Upper
 94 100
 96 89.7 64.5 119.9

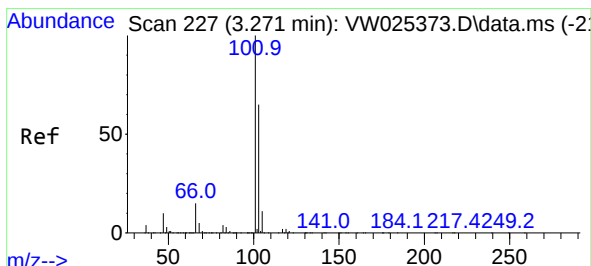
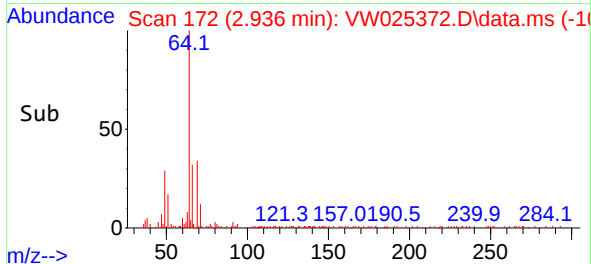
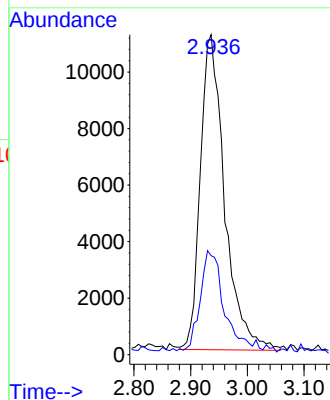
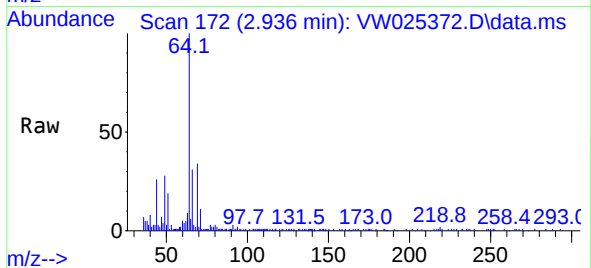




#8
Chloroethane
Concen: 4.800 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

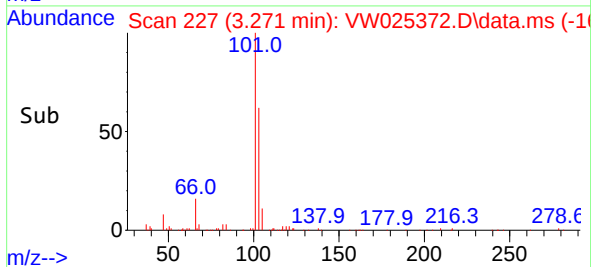
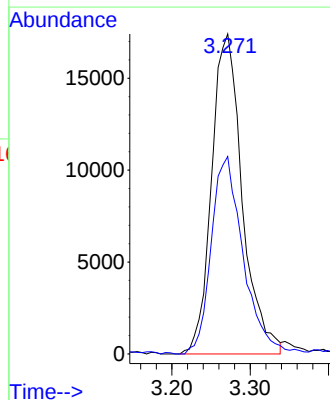
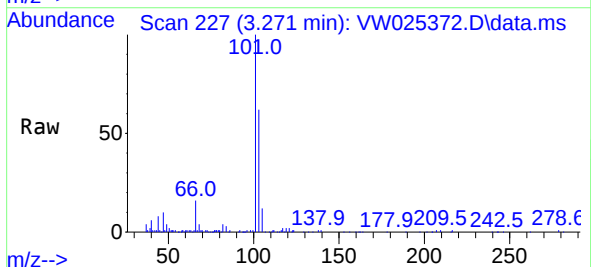
Instrument :
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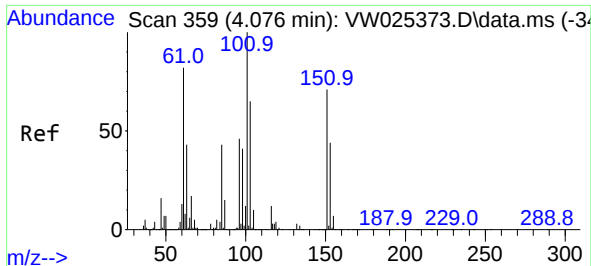
Tgt Ion: 64 Resp: 33084
Ion Ratio Lower Upper
64 100
66 31.0 23.3 43.3



#9
Trichlorofluoromethane
Concen: 4.567 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Tgt Ion: 101 Resp: 47405
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3

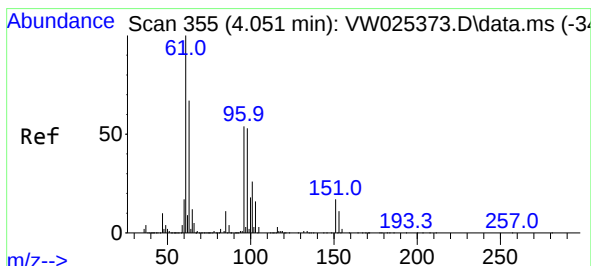
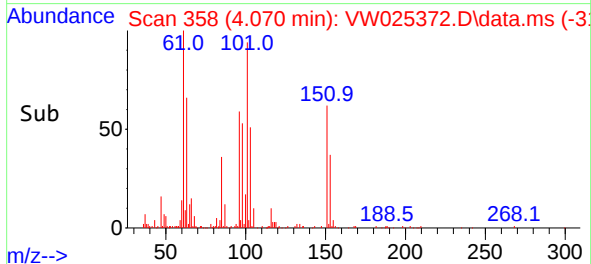
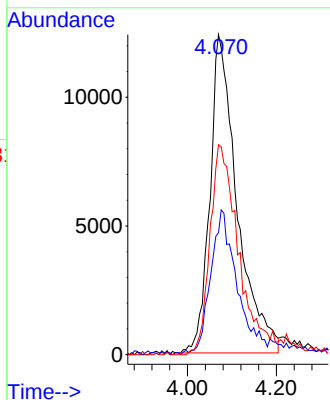
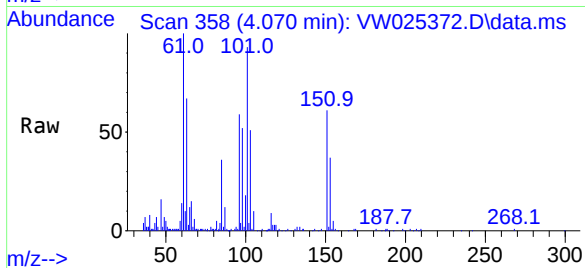




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.230 ug/L
 RT: 4.070 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW025372.D
 Acq: 06 Mar 2023 09:15

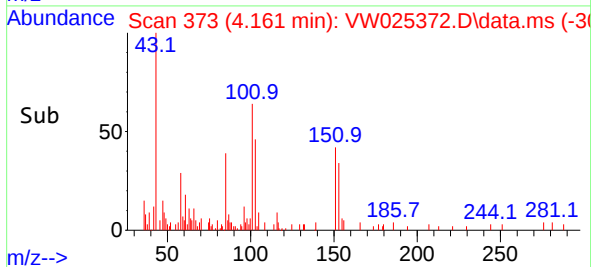
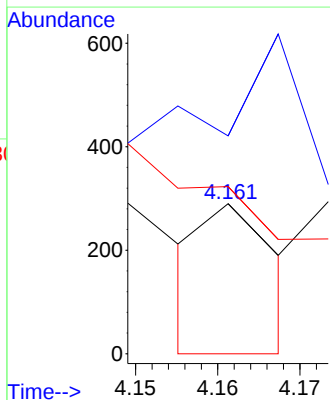
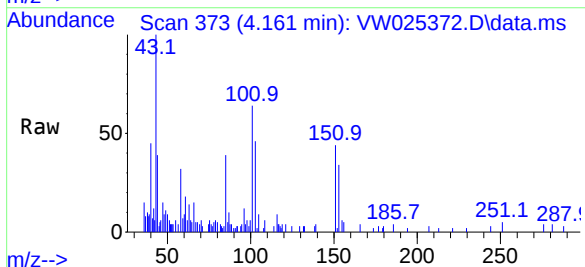
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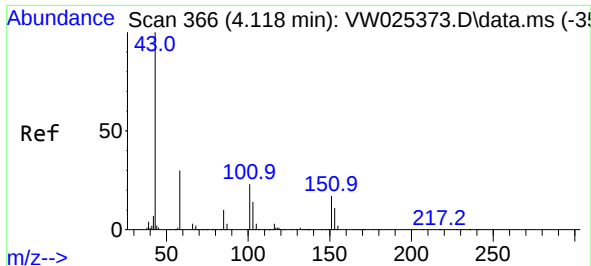
Tgt Ion:101 Resp: 52645
 Ion Ratio Lower Upper
 101 100
 85 39.9 35.8 53.8
 151 68.5 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 0.018 ug/L
 RT: 4.161 min Scan# 373
 Delta R.T. 0.110 min
 Lab File: VW025372.D
 Acq: 06 Mar 2023 09:15

Tgt Ion: 96 Resp: 176
 Ion Ratio Lower Upper
 96 100
 61 145.2 130.7 242.7
 63 111.4 88.3 164.1

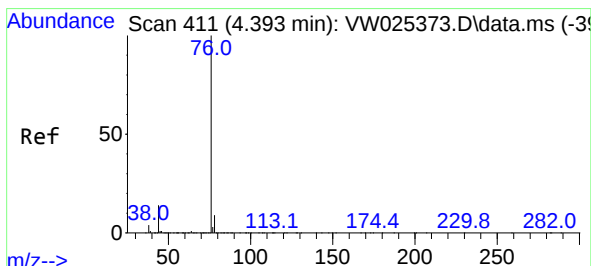
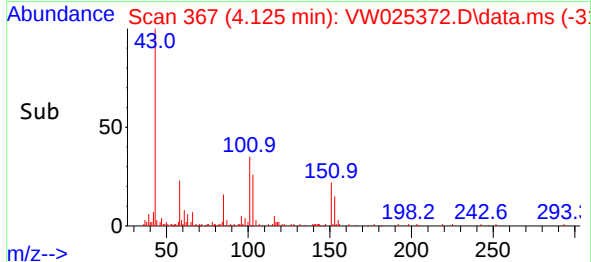
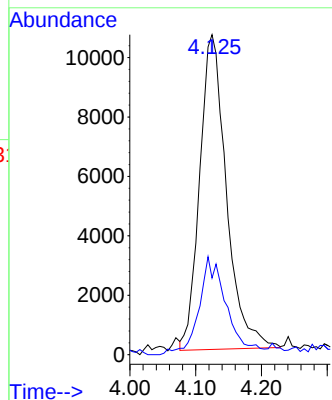
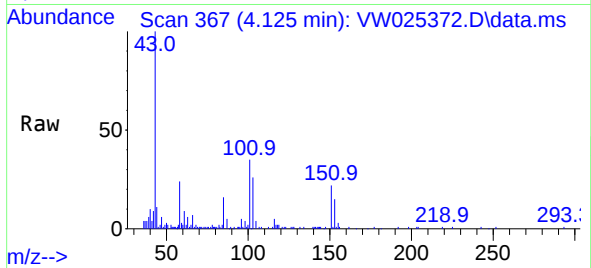




#13
Acetone
Concen: 9.767 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.007 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

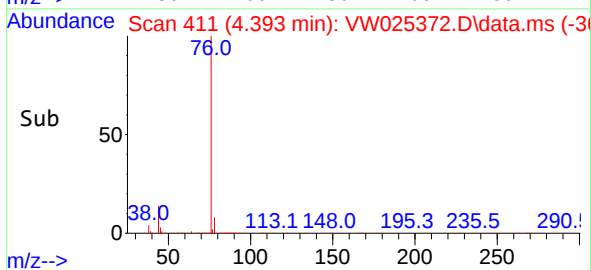
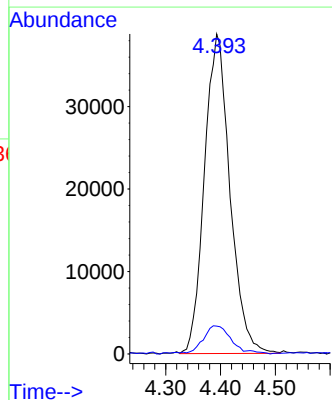
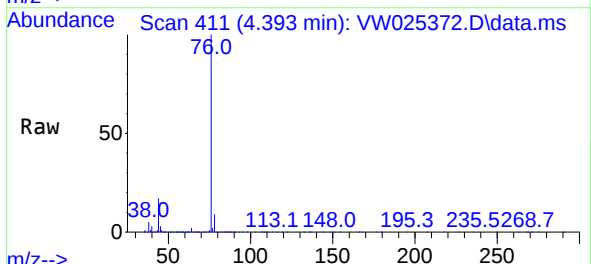
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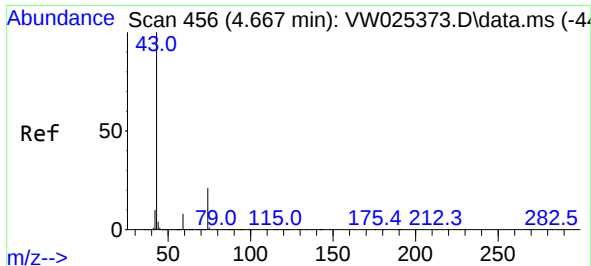
Tgt Ion: 43 Resp: 29925
Ion Ratio Lower Upper
43 100
58 14.1 0.0 60.0



#14
Carbon disulfide
Concen: 4.135 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Tgt Ion: 76 Resp: 125196
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4

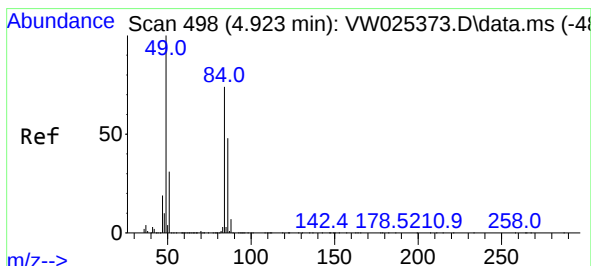
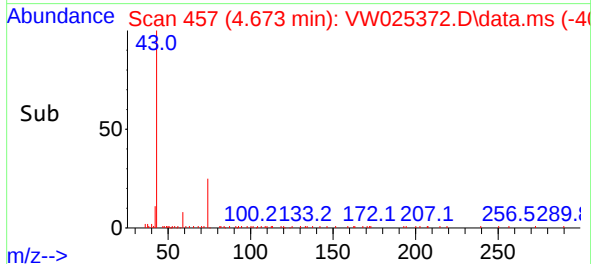
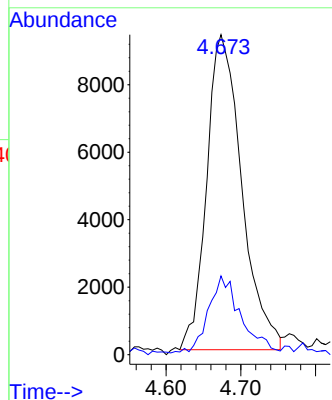
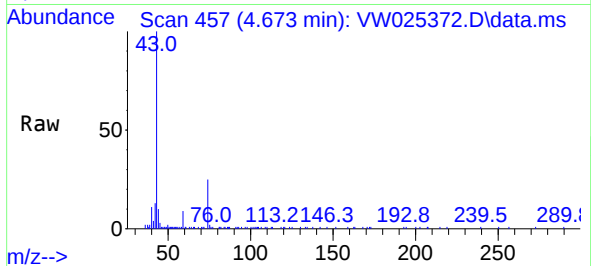




#15
Methyl Acetate
Concen: 5.239 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

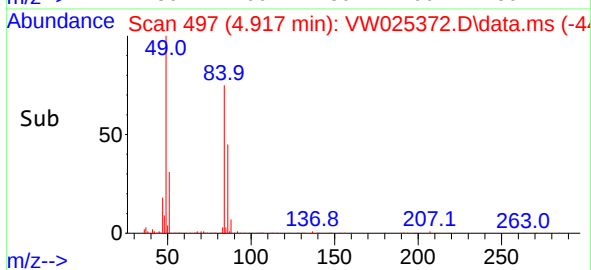
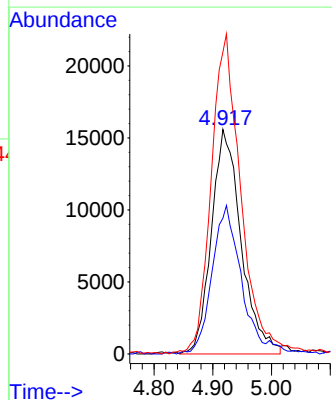
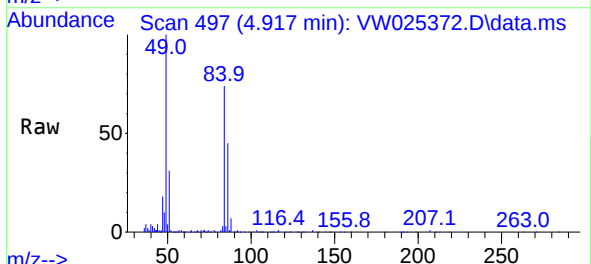
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ClientSampleId :
VSTD005432

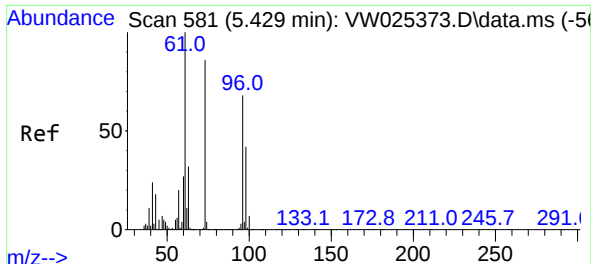
Tgt Ion: 43 Resp: 30504
Ion Ratio Lower Upper
43 100
74 20.0 17.0 25.4



#16
Methylene chloride
Concen: 5.042 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Tgt Ion: 84 Resp: 54824
Ion Ratio Lower Upper
84 100
86 60.5 45.1 83.7
49 134.5 94.7 175.9

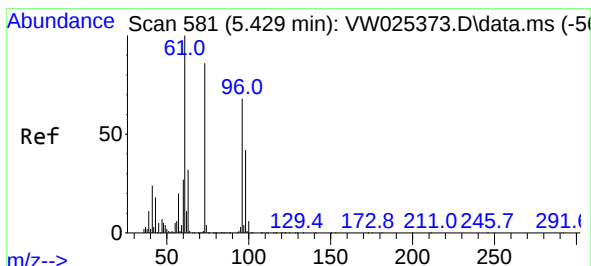
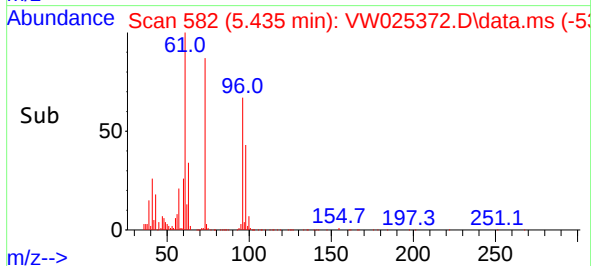
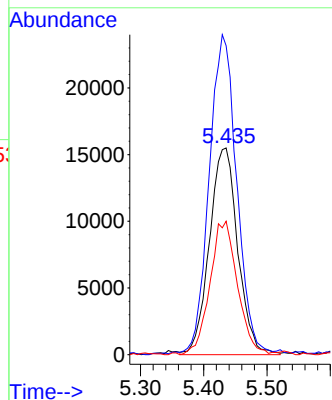
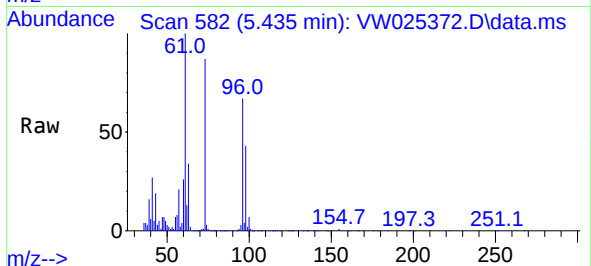




#17
trans-1,2-Dichloroethene
Concen: 4.729 ug/L
RT: 5.435 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

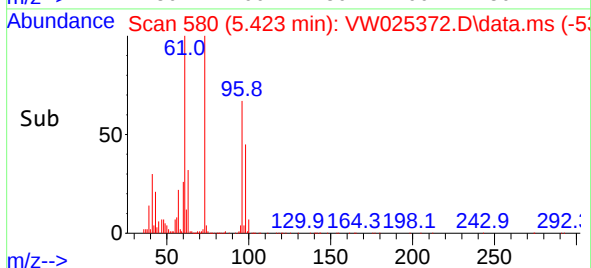
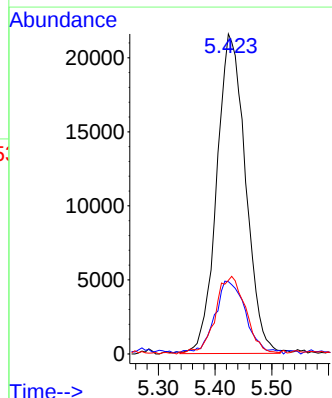
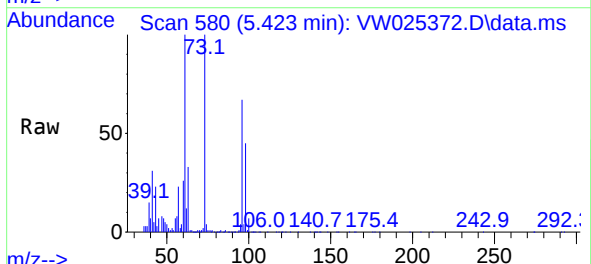
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

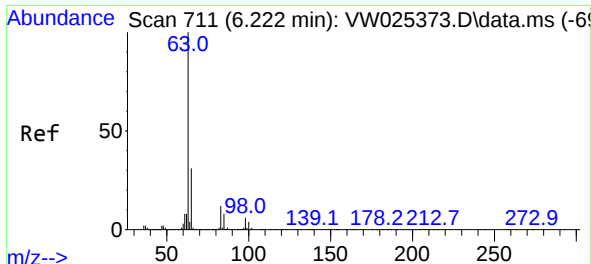
Tgt Ion: 96 Resp: 48281
Ion Ratio Lower Upper
96 100
61 149.4 103.0 191.4
98 64.5 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 4.951 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Tgt Ion: 73 Resp: 76086
Ion Ratio Lower Upper
73 100
43 22.3 17.6 26.4
57 8.2 18.6 28.0





#19

1,1-Dichloroethane

Concen: 4.971 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW025372.D

Acq: 06 Mar 2023 09:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD005432

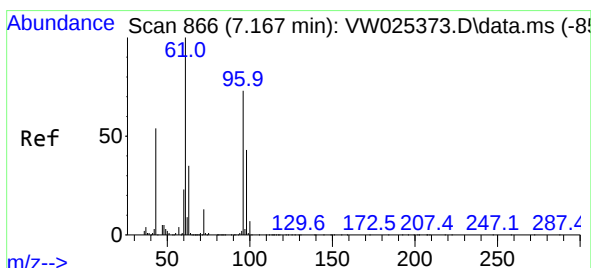
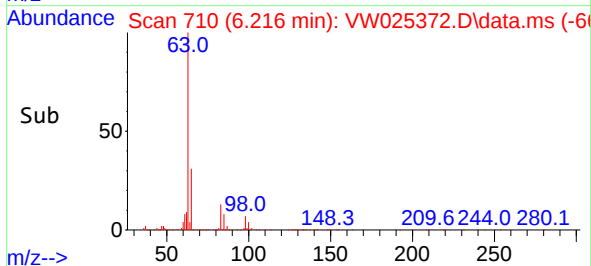
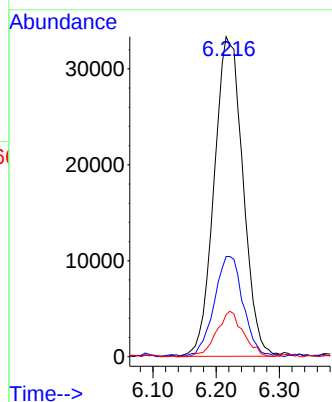
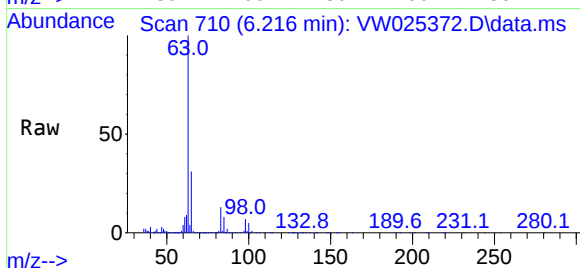
Tgt Ion: 63 Resp: 105077

Ion Ratio Lower Upper

63 100

65 31.3 21.7 40.3

83 13.1 8.4 15.6



#20

cis-1,2-Dichloroethene

Concen: 4.772 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW025372.D

Acq: 06 Mar 2023 09:15

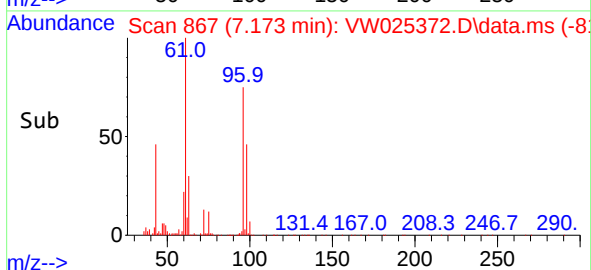
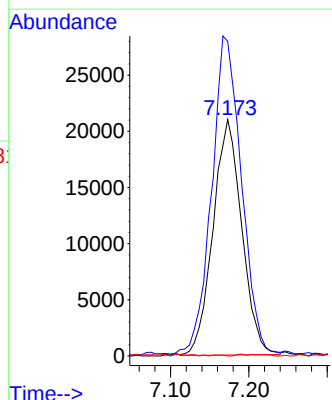
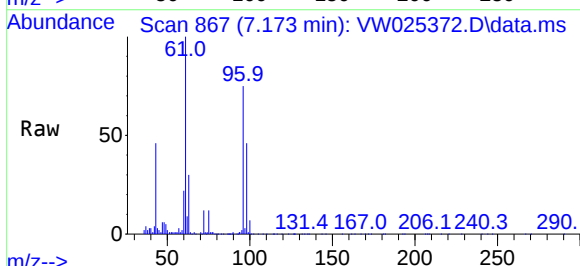
Tgt Ion: 96 Resp: 53461

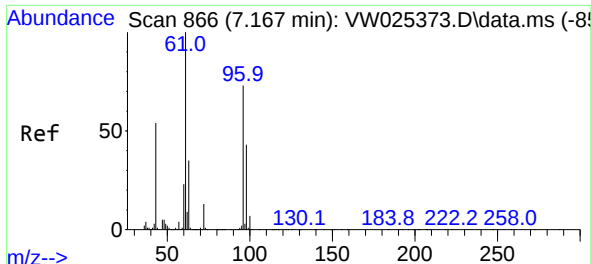
Ion Ratio Lower Upper

96 100

61 133.0 95.5 177.4

68 0.0 0.1 0.1#

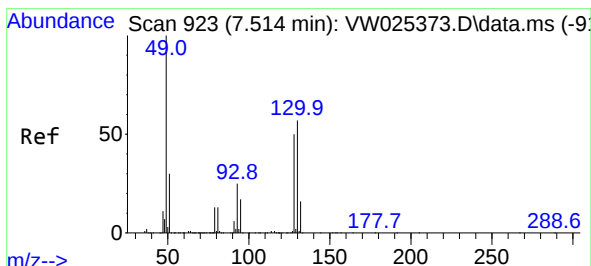
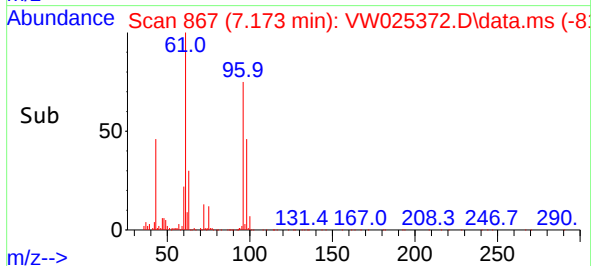
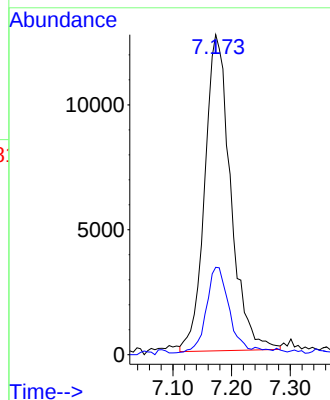
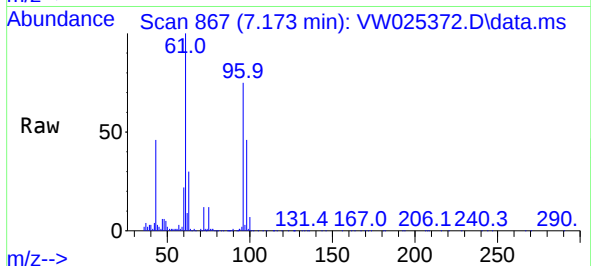




#22
2-Butanone
Concen: 9.764 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

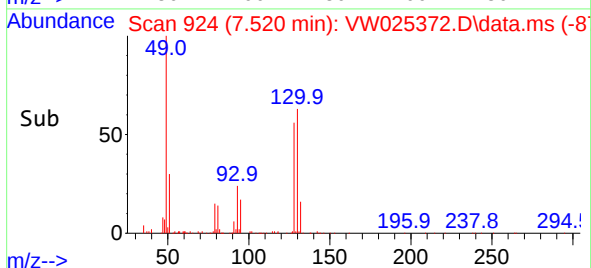
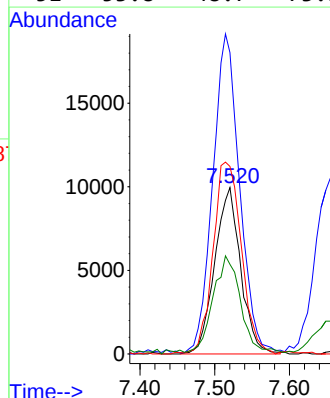
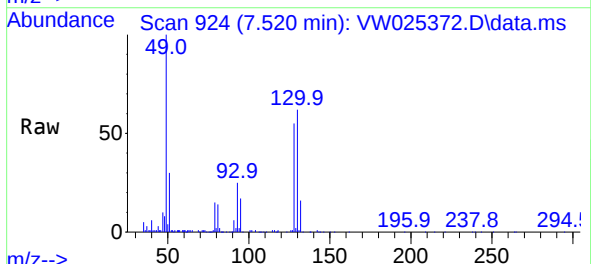
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

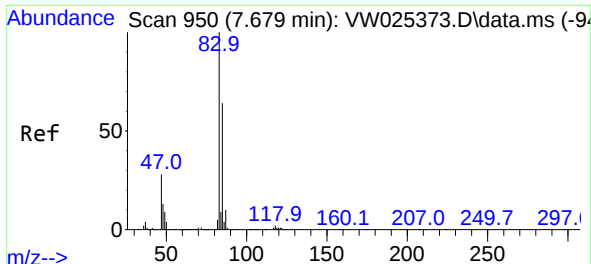
Tgt Ion: 43 Resp: 38698
Ion Ratio Lower Upper
43 100
72 24.8 12.0 36.1



#23
Bromochloromethane
Concen: 5.006 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Tgt Ion: 128 Resp: 24048
Ion Ratio Lower Upper
128 100
49 181.0 140.6 261.0
130 112.7 80.8 150.0
51 53.8 48.7 73.1

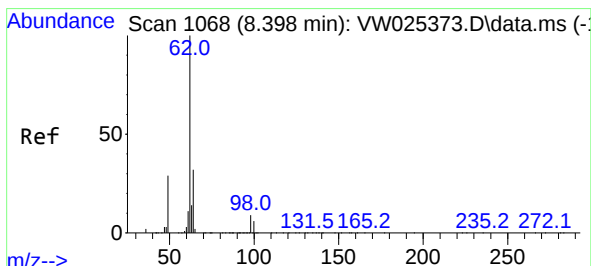
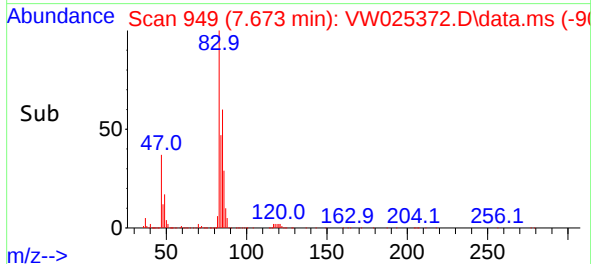
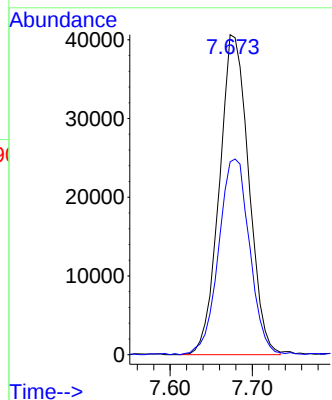
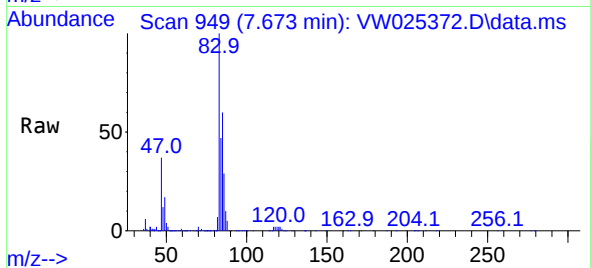




#25
Chloroform
Concen: 5.070 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

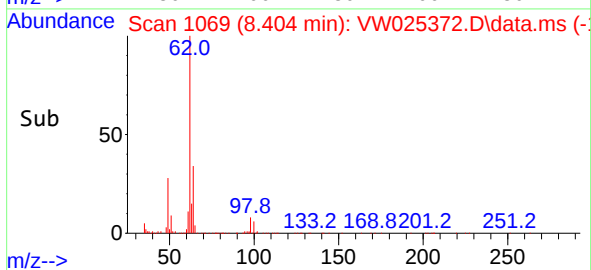
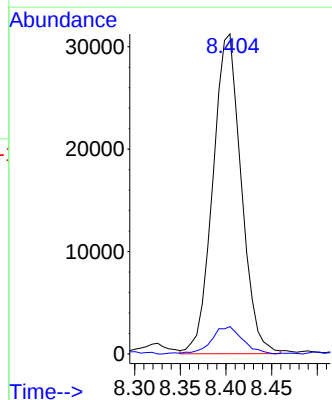
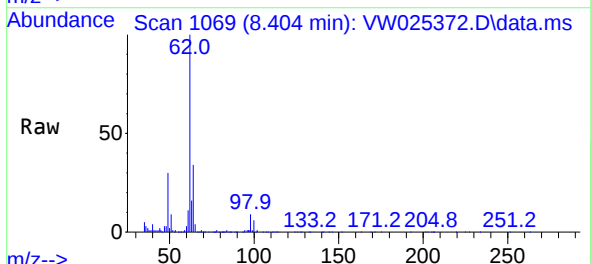
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

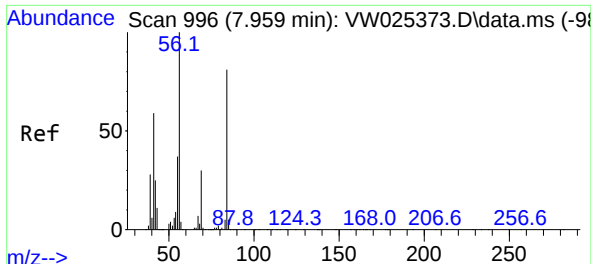
Tgt Ion: 83 Resp: 100759
Ion Ratio Lower Upper
83 100
85 60.3 44.7 82.9



#27
1,2-Dichloroethane
Concen: 5.091 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Tgt Ion: 62 Resp: 67520
Ion Ratio Lower Upper
62 100
98 8.5 7.2 10.8





#29

Cyclohexane

Concen: 4.408 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW025372.D

Acq: 06 Mar 2023 09:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD005432

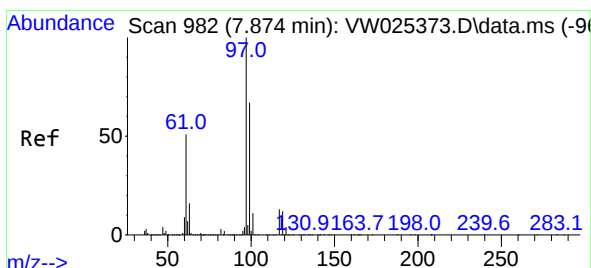
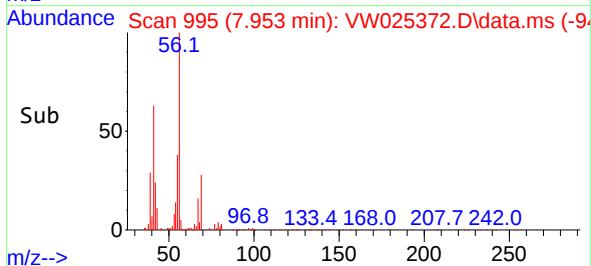
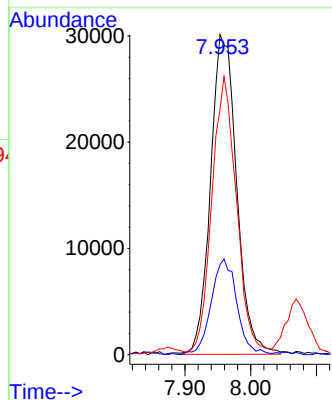
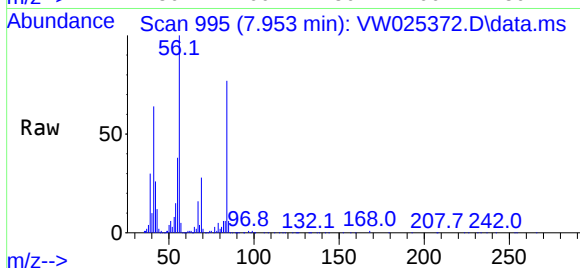
Tgt Ion: 56 Resp: 83225

Ion Ratio Lower Upper

56 100

69 29.0 23.1 34.7

84 82.0 63.9 95.9



#30

1,1,1-Trichloroethane

Concen: 5.122 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW025372.D

Acq: 06 Mar 2023 09:15

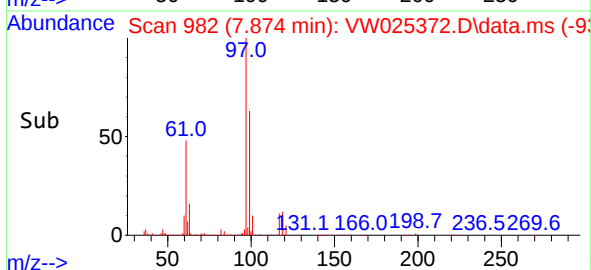
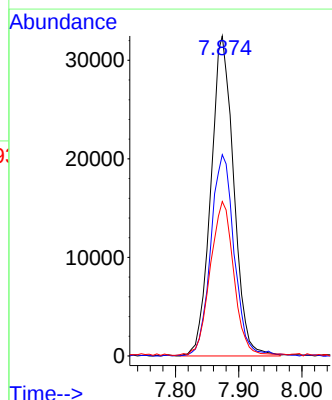
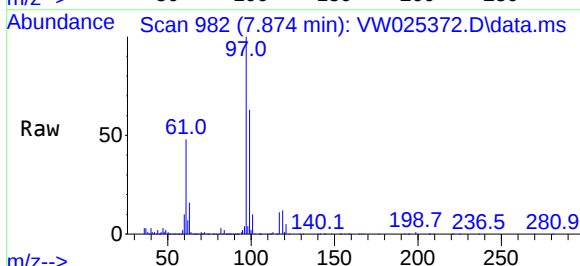
Tgt Ion: 97 Resp: 81433

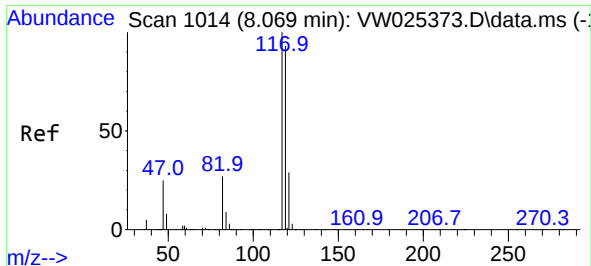
Ion Ratio Lower Upper

97 100

99 63.6 50.9 76.3

61 49.4 39.8 59.6

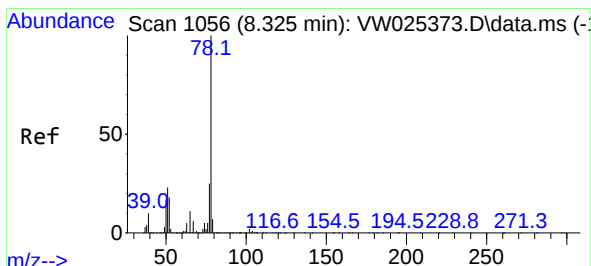
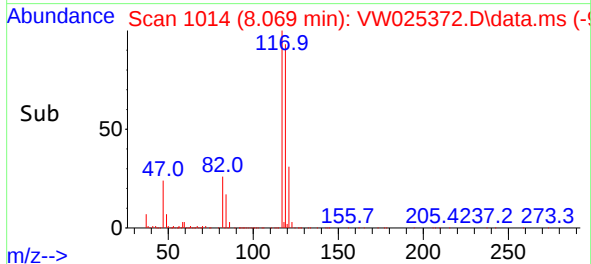
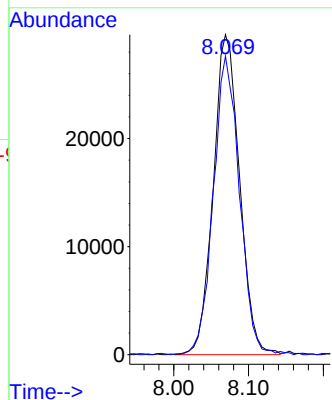
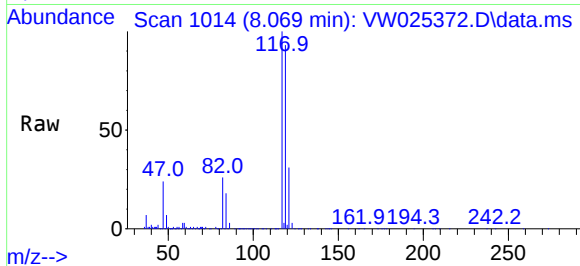




#31
Carbon tetrachloride
Concen: 5.080 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

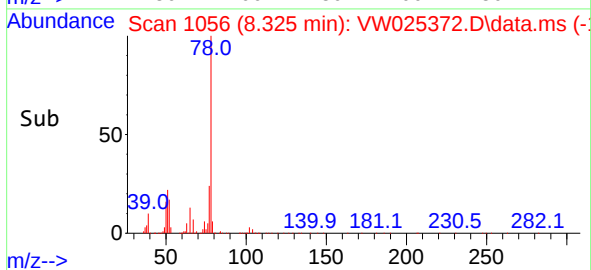
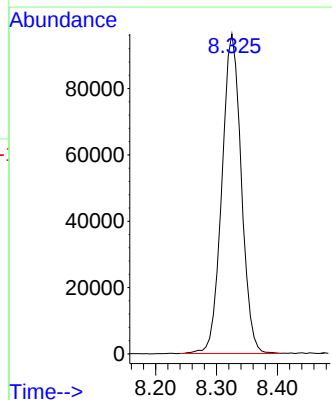
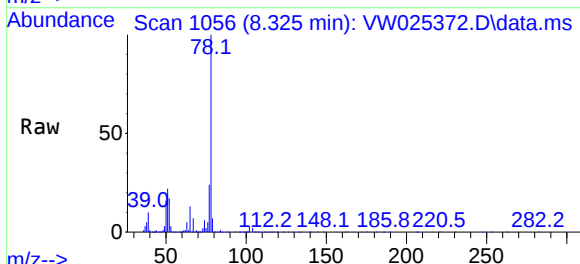
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

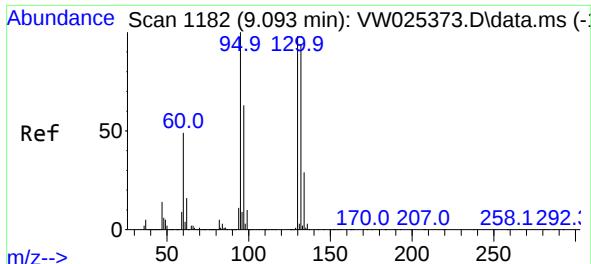
Tgt Ion:117 Resp: 72396
Ion Ratio Lower Upper
117 100
119 92.7 75.8 113.6



#33
Benzene
Concen: 4.986 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Tgt Ion: 78 Resp: 213185



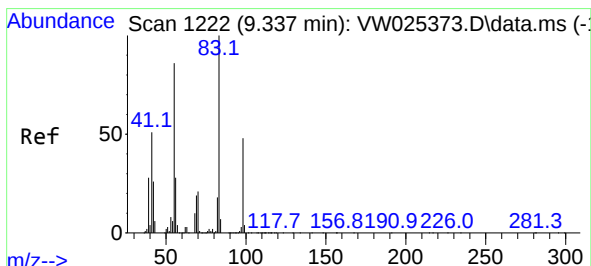
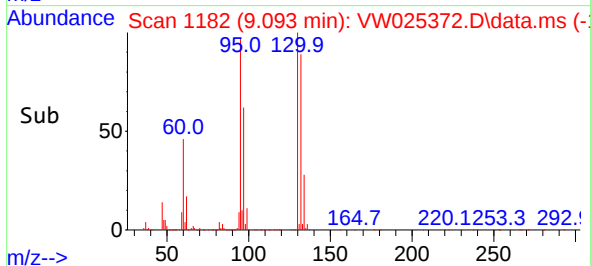
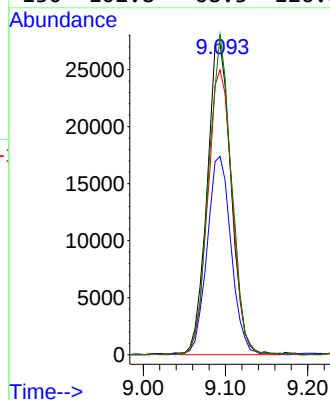
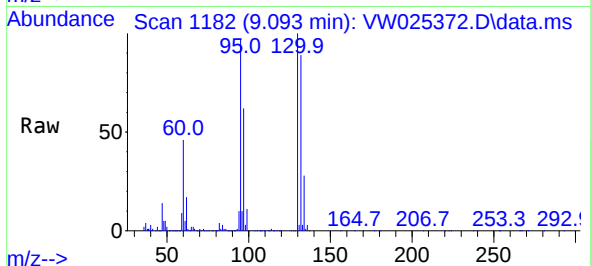


#34
Trichloroethene
Concen: 4.960 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

Tgt Ion: 95 Resp: 55669

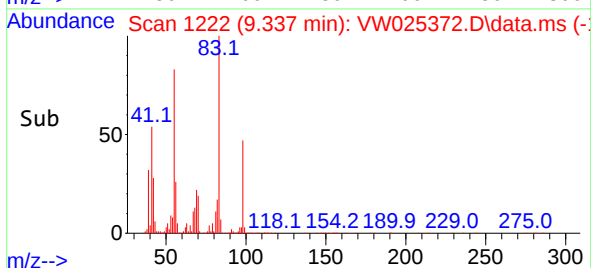
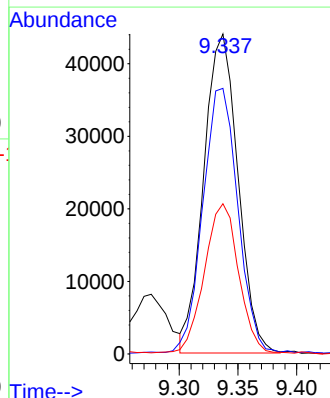
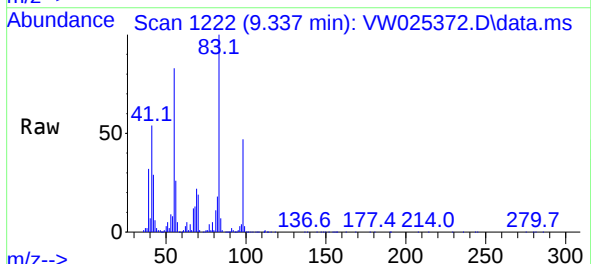
Ion	Ratio	Lower	Upper
95	100		
97	63.7	43.8	81.4
132	91.4	65.9	122.3
130	102.8	68.3	126.8

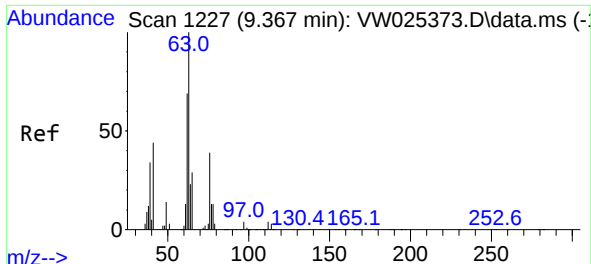


#35
Methylcyclohexane
Concen: 4.567 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Tgt Ion: 83 Resp: 89088

Ion	Ratio	Lower	Upper
83	100		
55	85.2	68.2	102.4
98	47.7	39.0	58.4





#37

1,2-Dichloropropane

Concen: 5.087 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.001 min

Lab File: VW025372.D

Acq: 06 Mar 2023 09:15

Instrument :

MSVOA_W

ClientSampleId :

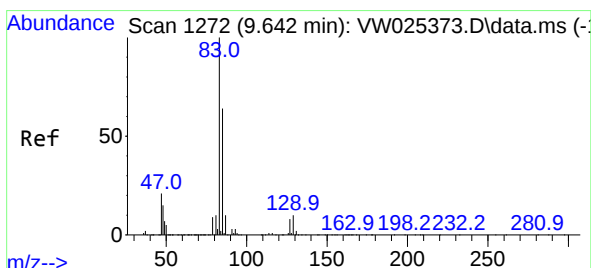
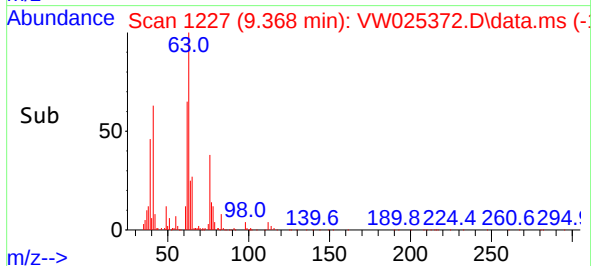
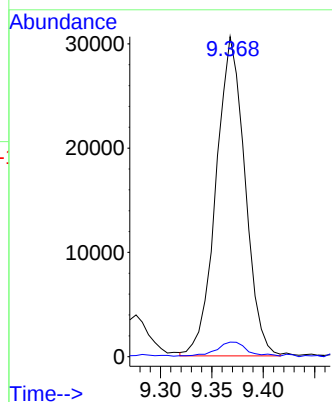
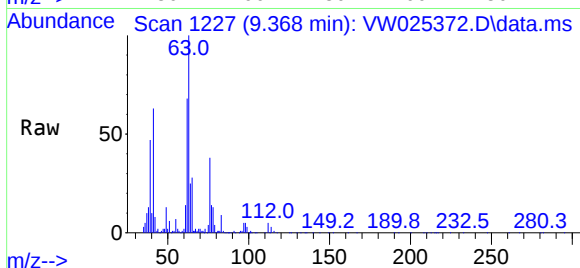
VSTD005432

Tgt Ion: 63 Resp: 59878

Ion Ratio Lower Upper

63 100

112 4.5 3.2 4.8



#38

Bromodichloromethane

Concen: 5.092 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025372.D

Acq: 06 Mar 2023 09:15

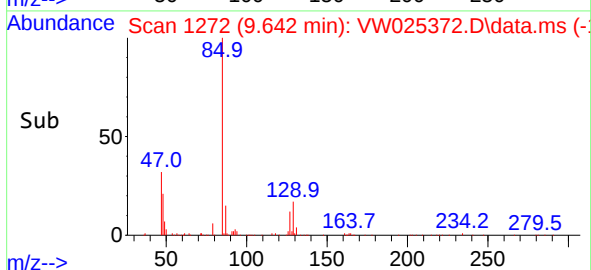
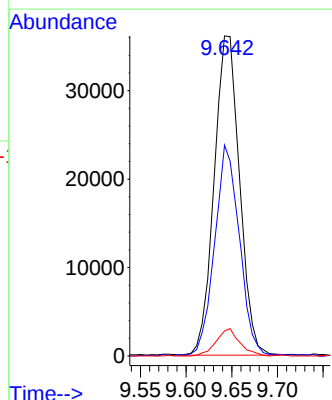
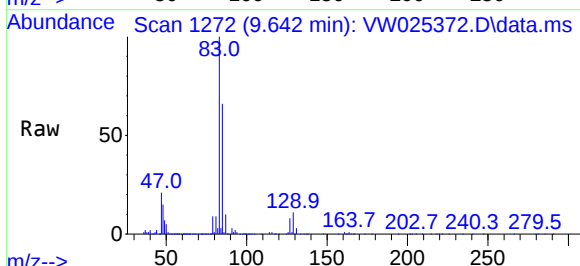
Tgt Ion: 83 Resp: 69904

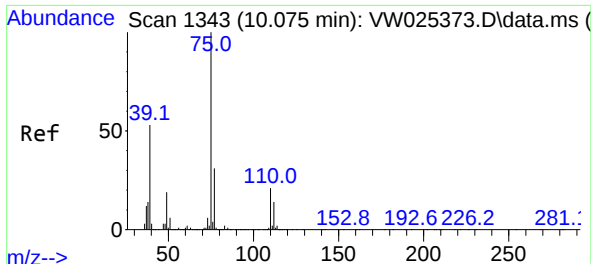
Ion Ratio Lower Upper

83 100

85 65.9 44.7 83.1

127 7.8 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 4.753 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW025372.D

Acq: 06 Mar 2023 09:15

Instrument :

MSVOA_W

ClientSampleId :

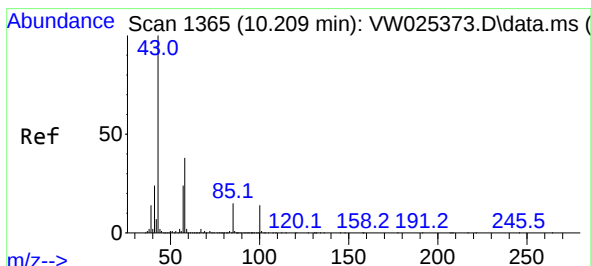
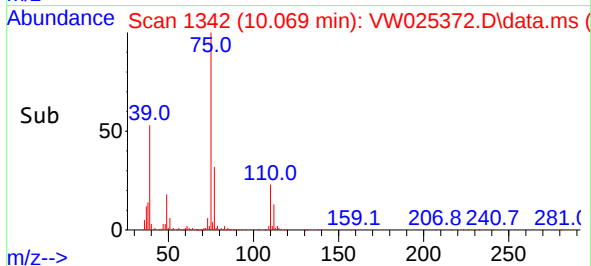
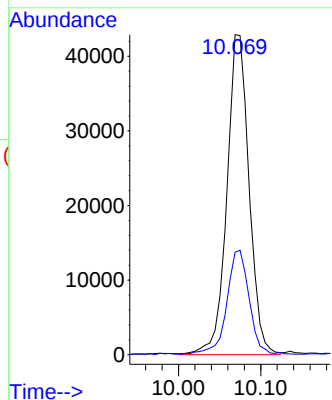
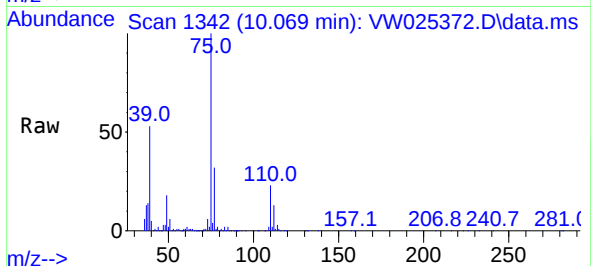
VSTD005432

Tgt Ion: 75 Resp: 80598

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 9.908 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025372.D

Acq: 06 Mar 2023 09:15

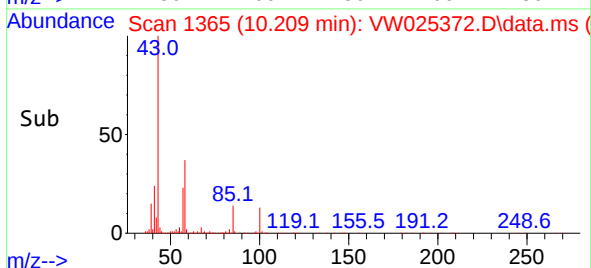
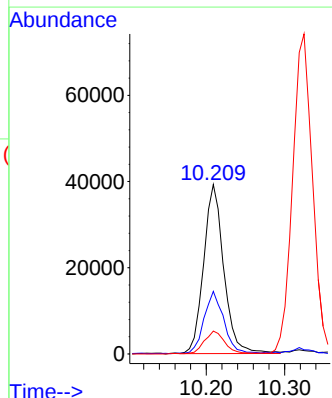
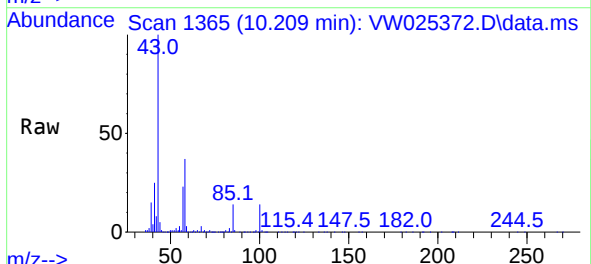
Tgt Ion: 43 Resp: 70093

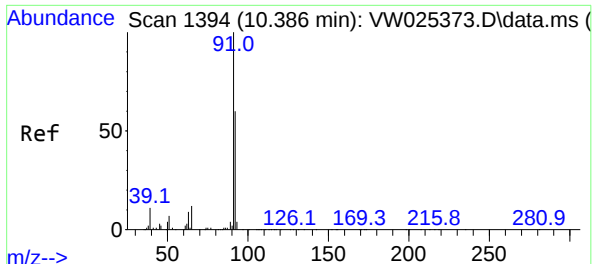
Ion Ratio Lower Upper

43 100

58 36.7 29.6 44.4

100 13.8 10.6 16.0

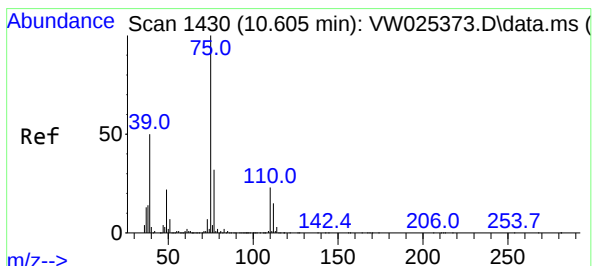
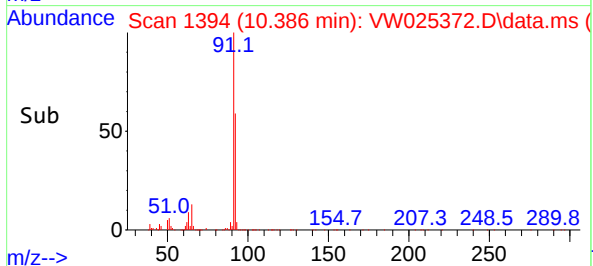
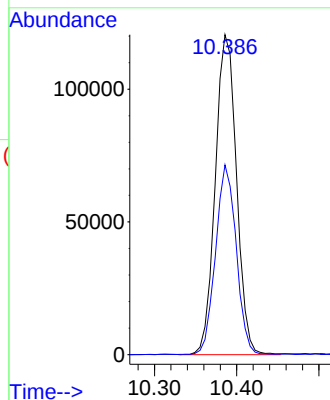
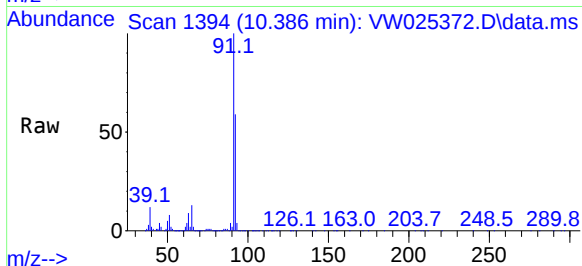




#42
Toluene
Concen: 4.897 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

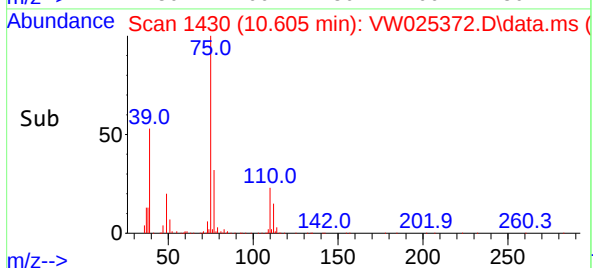
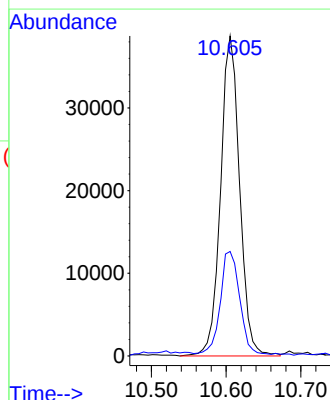
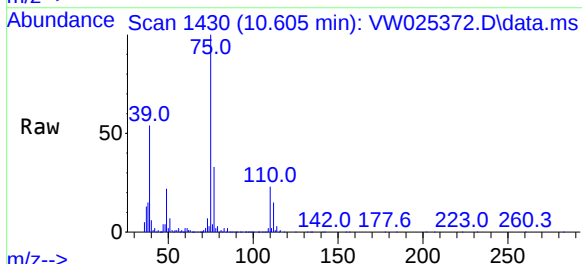
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

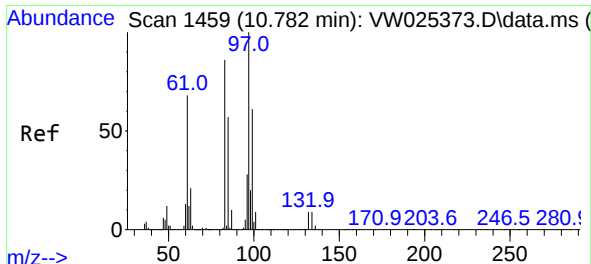
Tgt Ion: 91 Resp: 216219
Ion Ratio Lower Upper
91 100
92 59.3 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 4.832 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Tgt Ion: 75 Resp: 68613
Ion Ratio Lower Upper
75 100
77 32.6 22.3 41.3



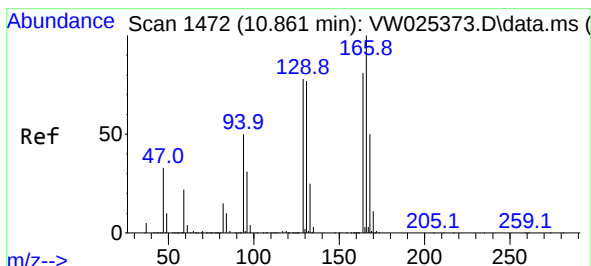
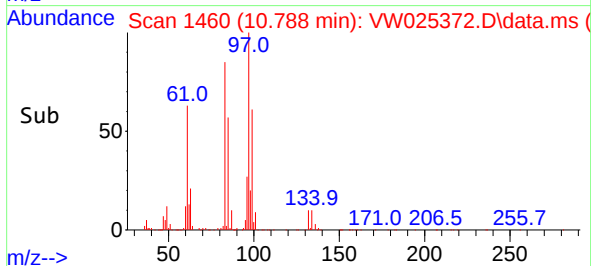
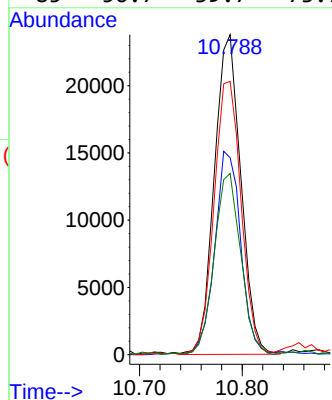
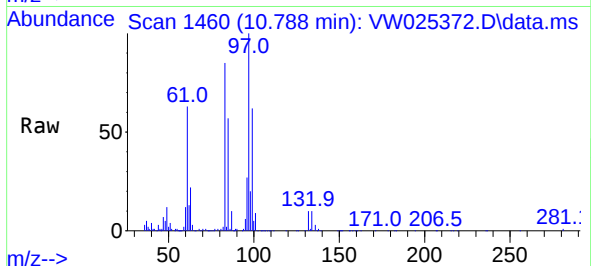


#45
1,1,2-Trichloroethane
Concen: 5.392 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

Tgt Ion: 97 Resp: 42618

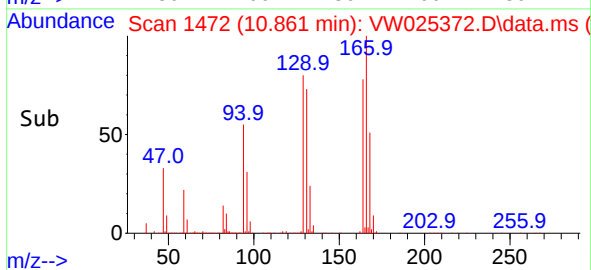
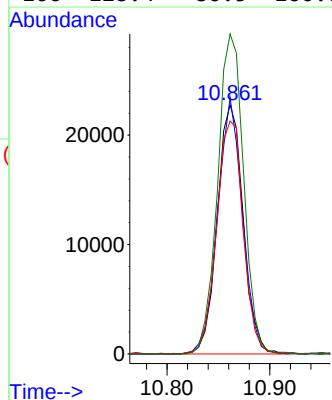
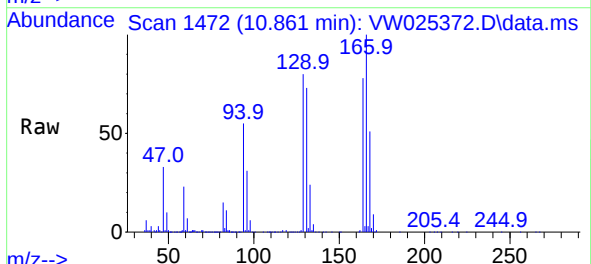
Ion	Ratio	Lower	Upper
97	100		
99	61.5	42.6	79.0
83	85.4	60.5	112.3
85	56.7	39.7	73.7

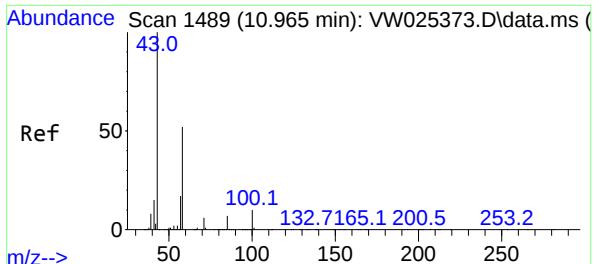


#46
Tetrachloroethene
Concen: 4.972 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Tgt Ion: 164 Resp: 39701

Ion	Ratio	Lower	Upper
164	100		
129	102.8	67.7	125.7
131	93.4	67.0	124.4
166	128.4	86.5	160.7



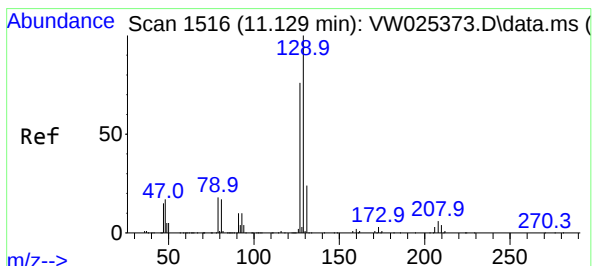
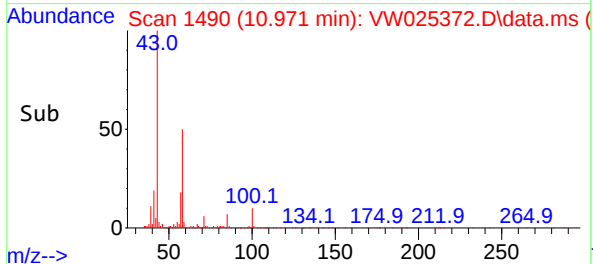
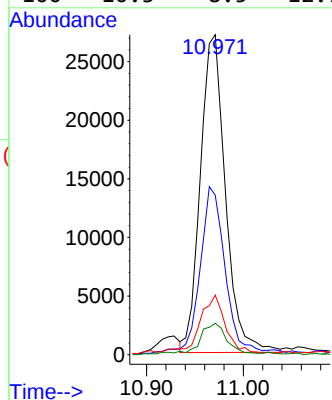
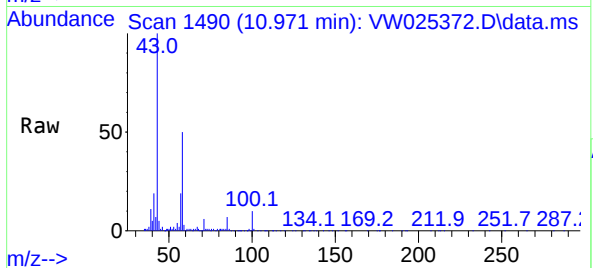


#48
2-Hexanone
Concen: 9.641 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

Tgt Ion: 43 Resp: 49071

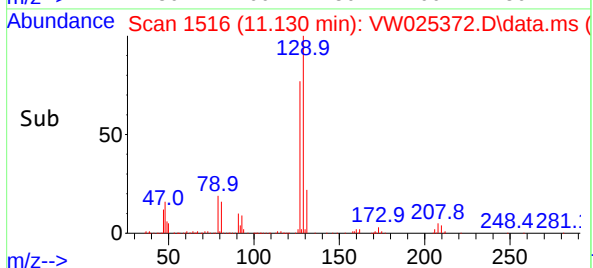
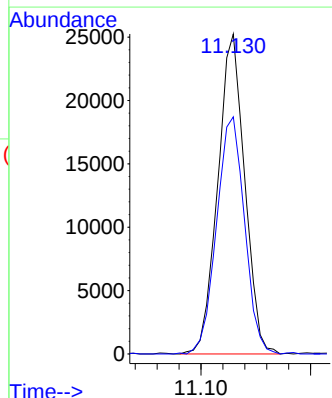
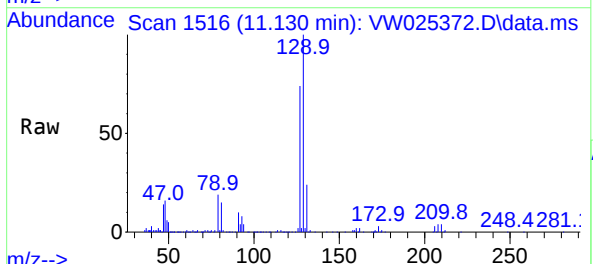
Ion	Ratio	Lower	Upper
43	100		
58	51.4	41.2	61.8
57	17.6	14.2	21.4
100	10.3	8.5	12.7

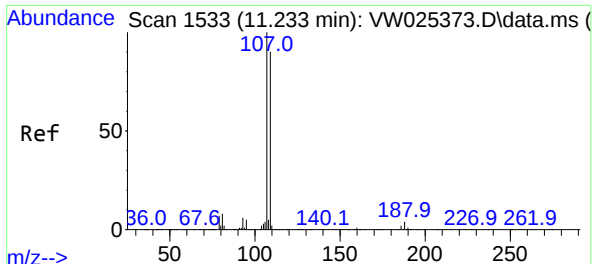


#49
Dibromochloromethane
Concen: 5.089 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.001 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Tgt Ion: 129 Resp: 42977

Ion	Ratio	Lower	Upper
129	100		
127	74.1	52.8	98.2



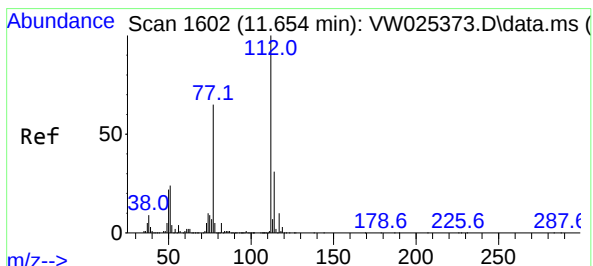
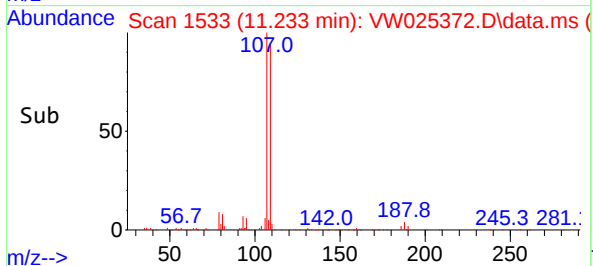
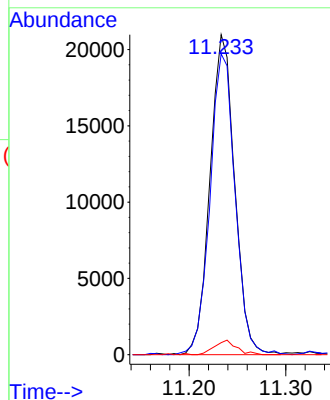
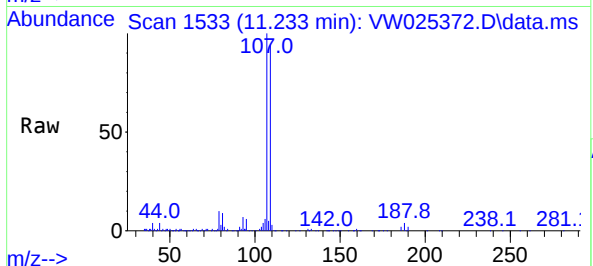


#50
1,2-Dibromoethane
Concen: 5.071 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

Tgt Ion:107 Resp: 37106

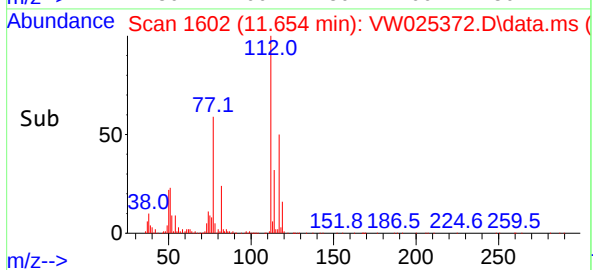
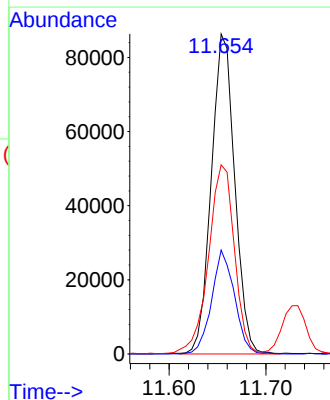
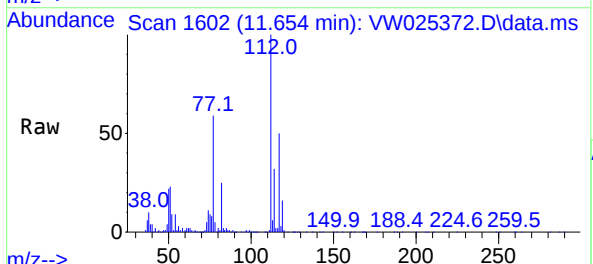
Ion	Ratio	Lower	Upper
107	100		
109	94.0	62.9	116.9
188	3.7	3.0	4.4

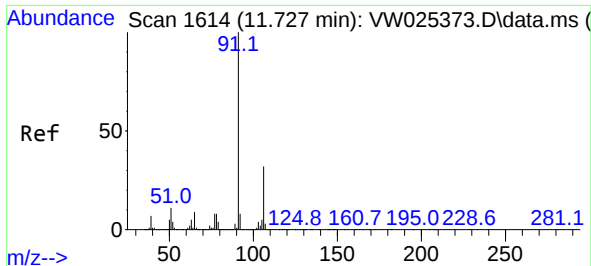


#51
Chlorobenzene
Concen: 5.193 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Tgt Ion:112 Resp: 145518

Ion	Ratio	Lower	Upper
112	100		
114	32.5	21.9	40.7
77	59.1	51.8	77.8





#52

Ethylbenzene

Concen: 4.873 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025372.D

Acq: 06 Mar 2023 09:15

Instrument :

MSVOA_W

ClientSampleId :

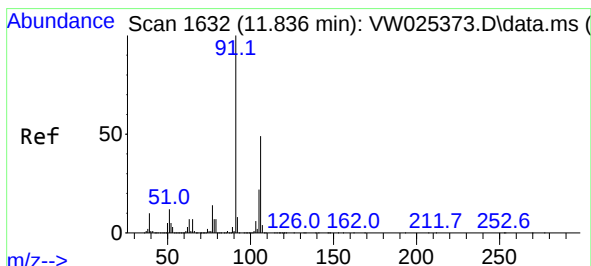
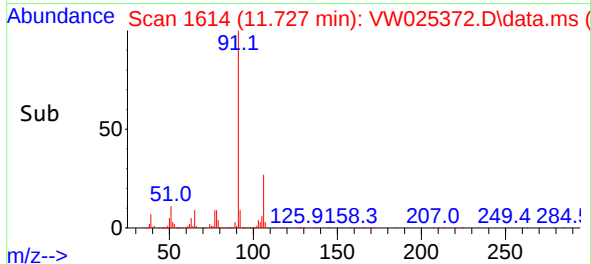
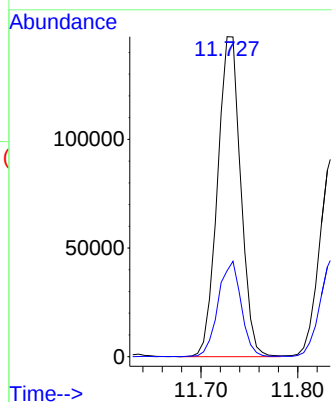
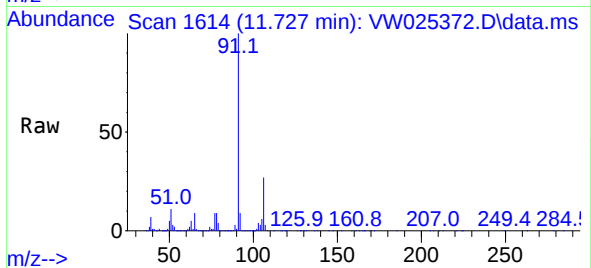
VSTD005432

Tgt Ion: 91 Resp: 245372

Ion Ratio Lower Upper

91 100

106 26.8 22.0 41.0



#53

m,p-Xylene

Concen: 4.847 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.001 min

Lab File: VW025372.D

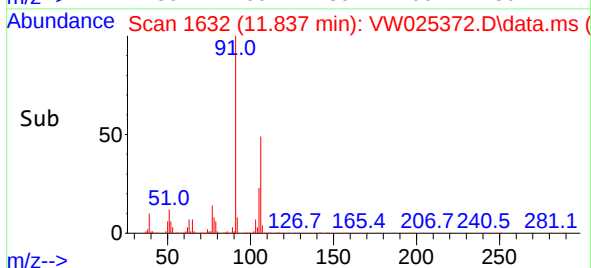
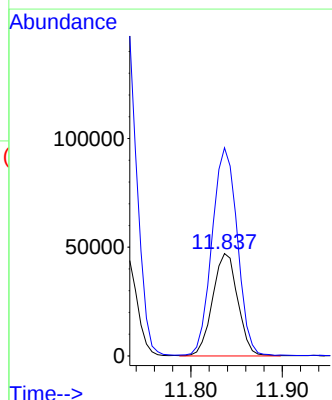
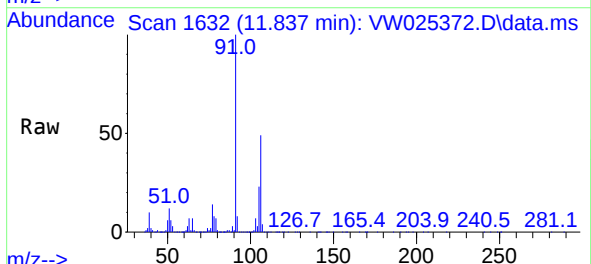
Acq: 06 Mar 2023 09:15

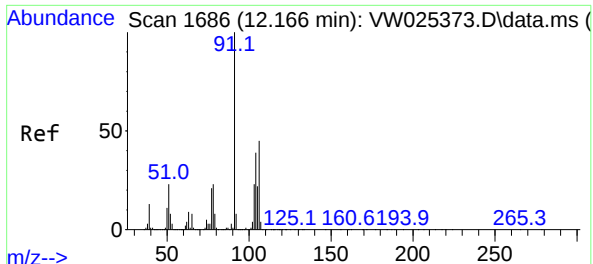
Tgt Ion:106 Resp: 90024

Ion Ratio Lower Upper

106 100

91 203.3 144.2 267.8

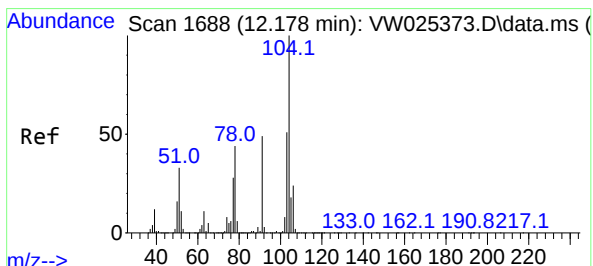
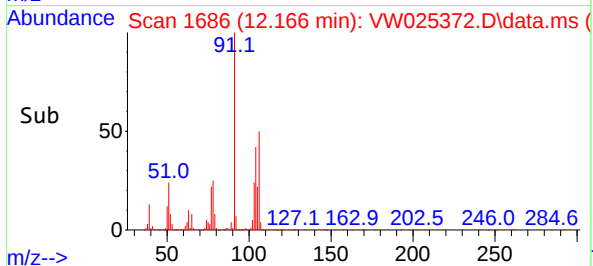
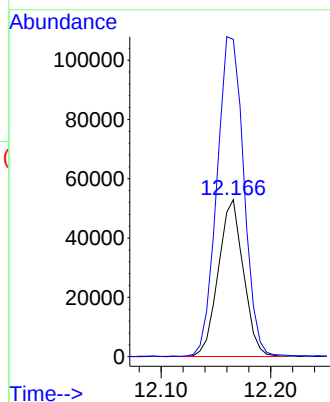
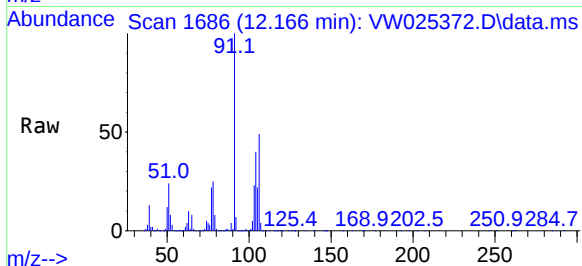




#54
o-Xylene
Concen: 4.817 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

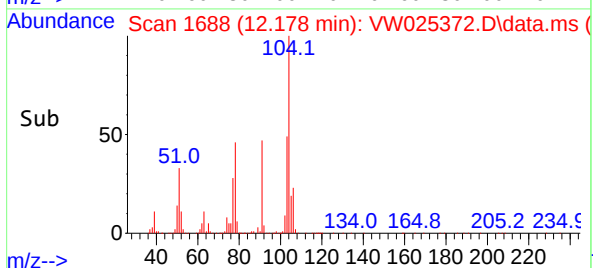
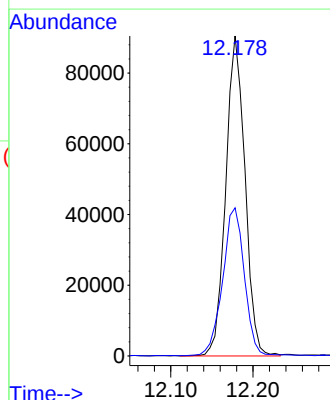
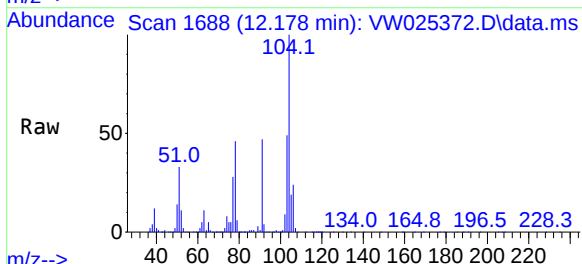
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

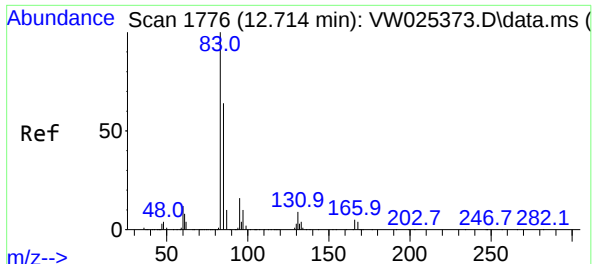
Tgt Ion:106 Resp: 84175
Ion Ratio Lower Upper
106 100
91 202.2 154.6 287.2



#55
Styrene
Concen: 4.922 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Tgt Ion:104 Resp: 146879
Ion Ratio Lower Upper
104 100
78 46.3 31.1 57.9

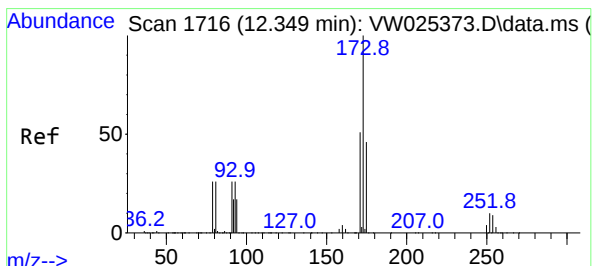
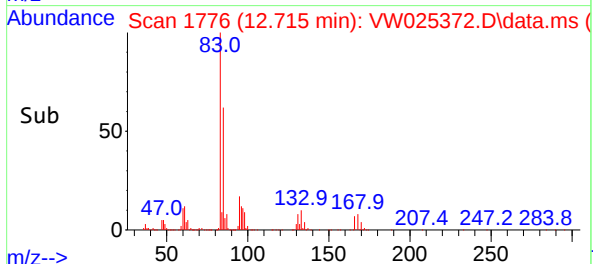
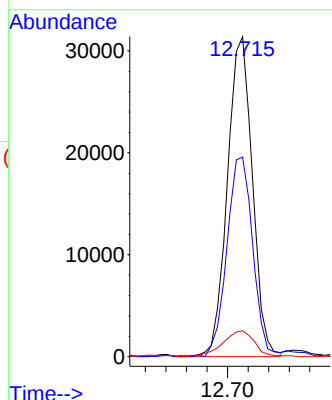
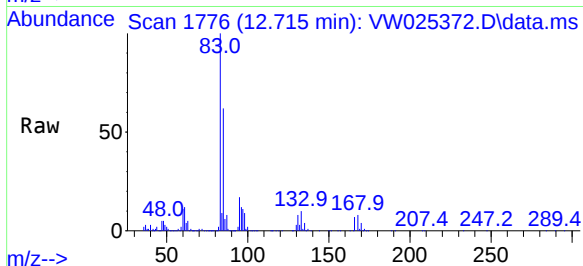




#57
1,1,2-Tetrachloroethane
Concen: 5.397 ug/L
RT: 12.715 min Scan# 11
Delta R.T. 0.001 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

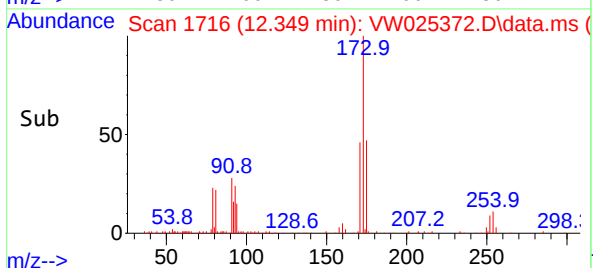
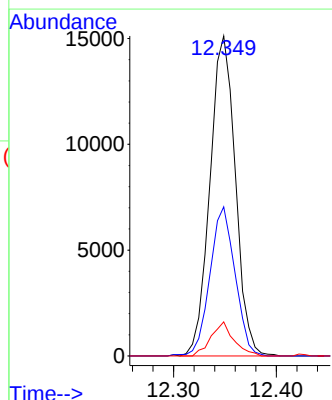
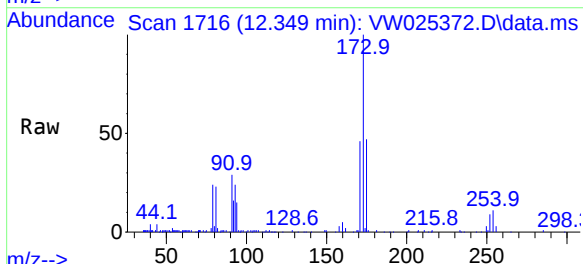
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

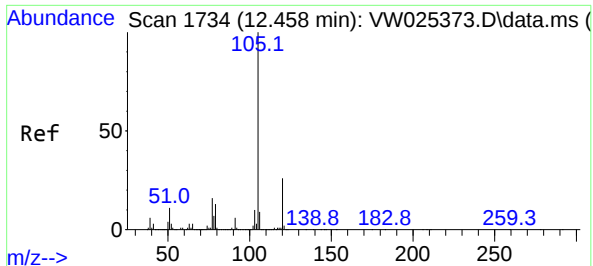
Tgt Ion: 83 Resp: 53070
Ion Ratio Lower Upper
83 100
85 62.3 45.4 84.2
131 8.1 8.0 12.0



#59
Bromoform
Concen: 5.315 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Tgt Ion: 173 Resp: 25974
Ion Ratio Lower Upper
173 100
175 45.9 38.6 57.8
254 9.5 7.9 11.9

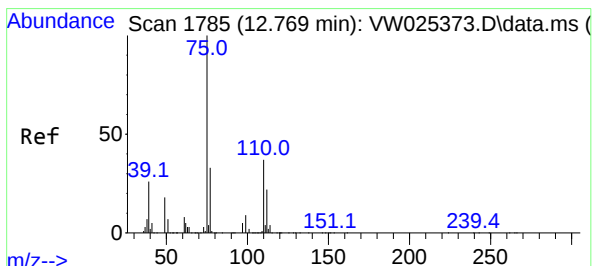
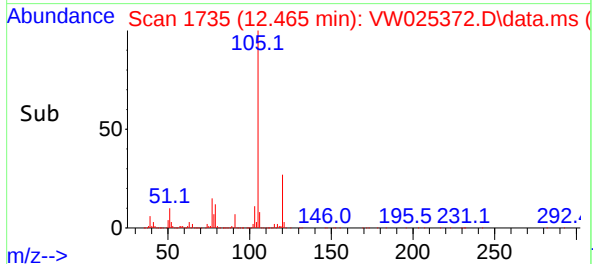
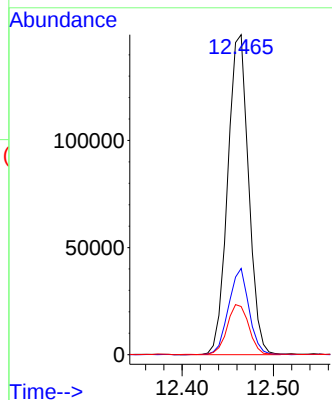
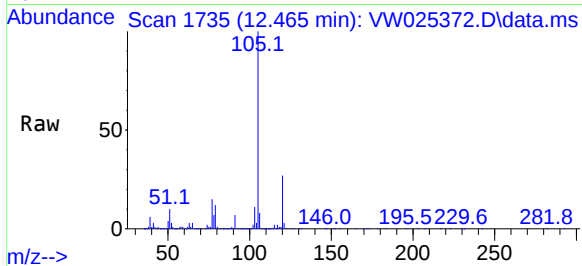




#60
Isopropylbenzene
Concen: 4.696 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.007 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

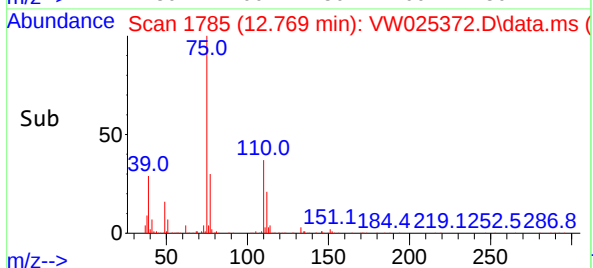
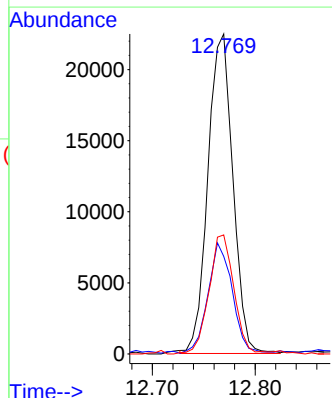
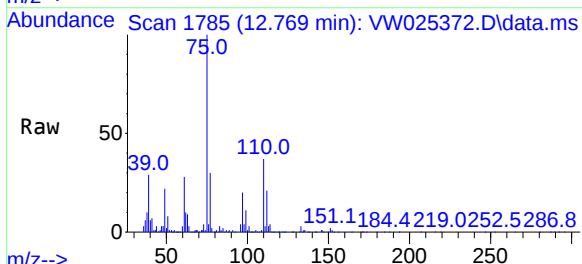
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

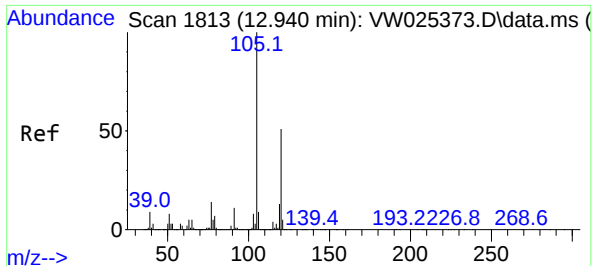
Tgt Ion:105 Resp: 237119
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 16.4 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 5.152 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Tgt Ion: 75 Resp: 38019
Ion Ratio Lower Upper
75 100
77 34.0 25.4 38.2
110 36.9 28.9 43.3

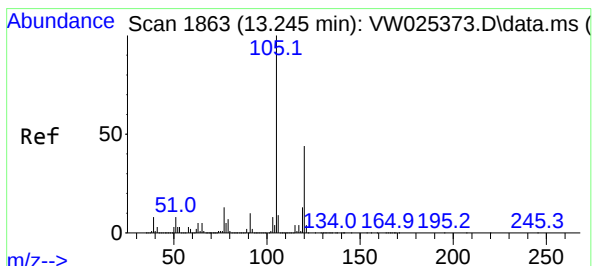
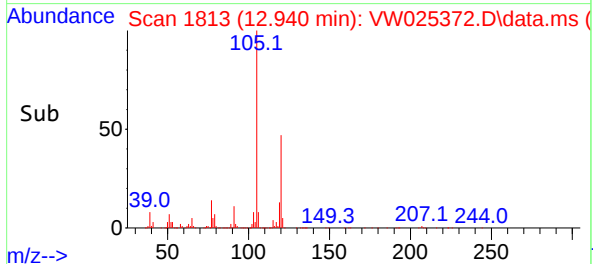
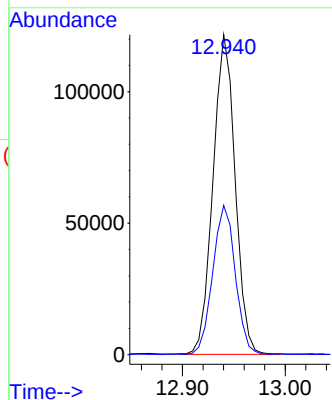
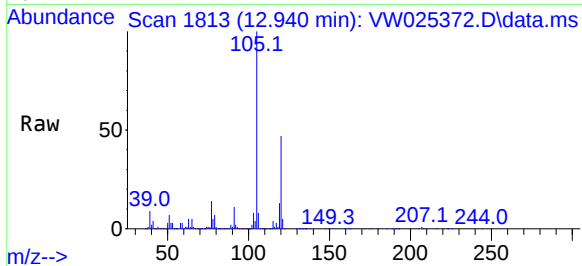




#62
1,3,5-Trimethylbenzene
Concen: 4.542 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

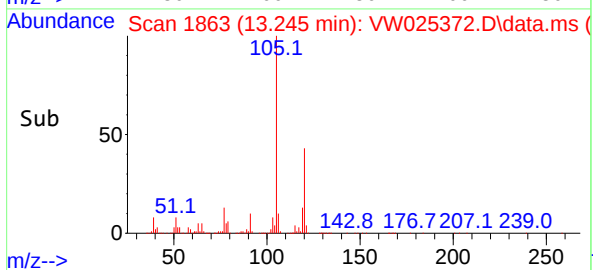
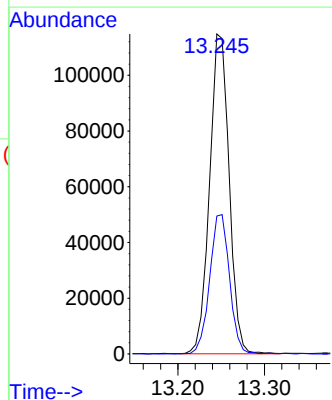
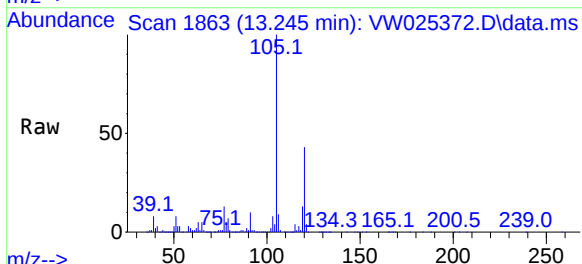
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

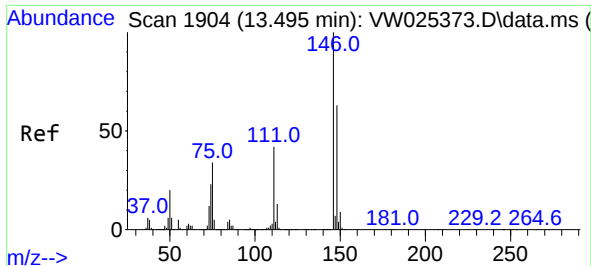
Tgt Ion:105 Resp: 181620
Ion Ratio Lower Upper
105 100
120 47.7 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 4.568 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Tgt Ion:105 Resp: 179950
Ion Ratio Lower Upper
105 100
120 44.1 36.0 54.0

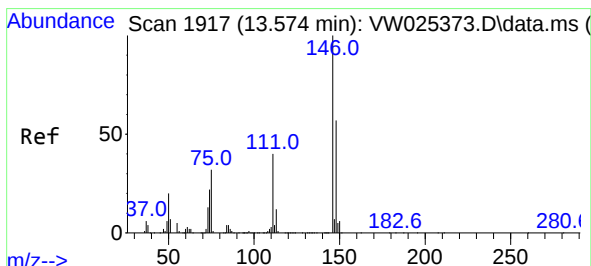
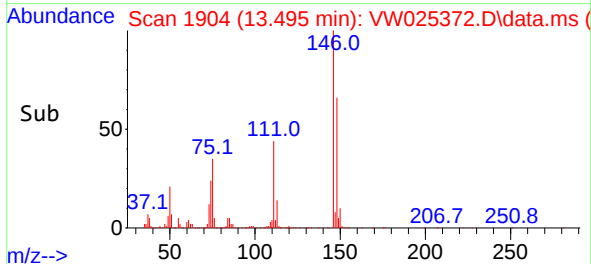
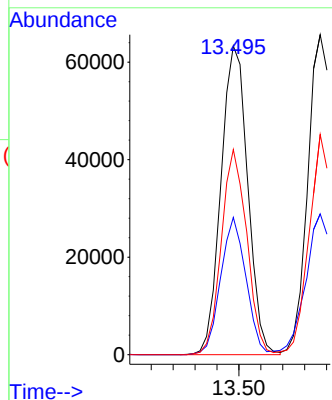
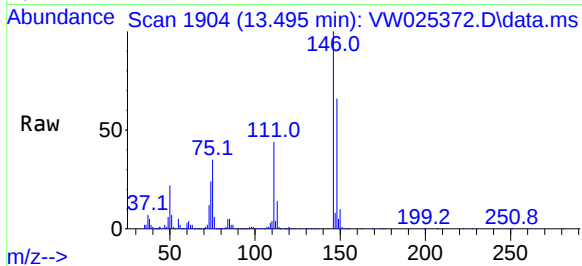




#64
1,3-Dichlorobenzene
Concen: 5.020 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

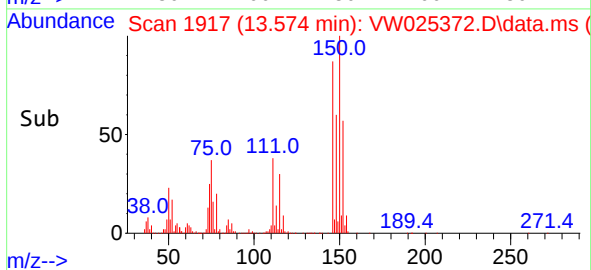
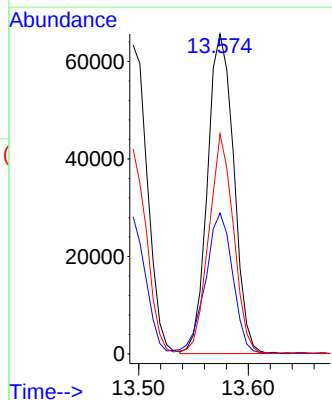
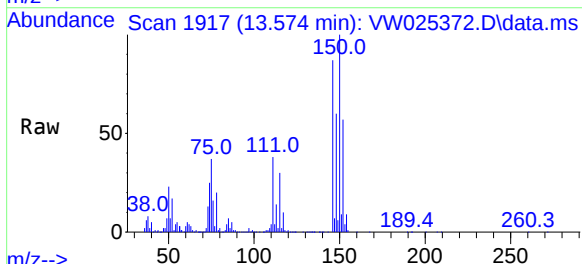
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

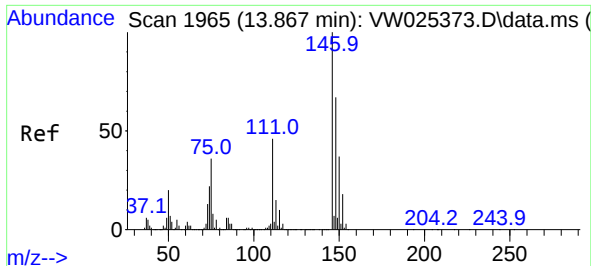
Tgt Ion:146 Resp: 107413
Ion Ratio Lower Upper
146 100
111 44.4 29.7 55.1
148 66.4 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.982 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Tgt Ion:146 Resp: 109335
Ion Ratio Lower Upper
146 100
111 44.0 28.2 52.4
148 68.8 39.8 73.8

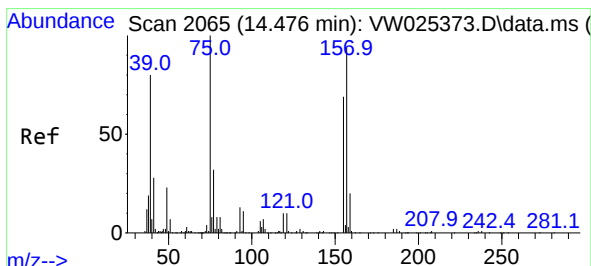
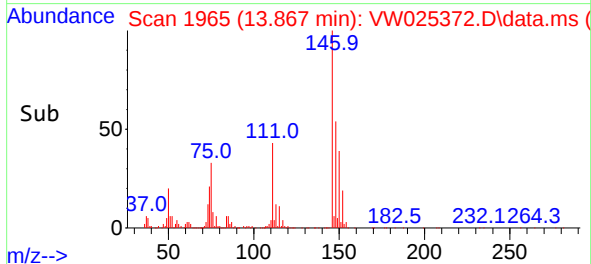
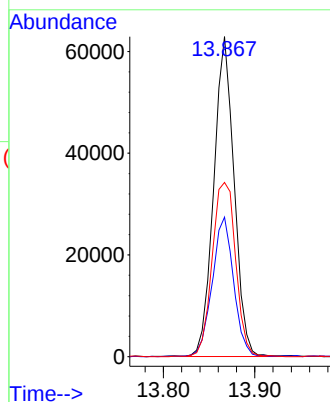
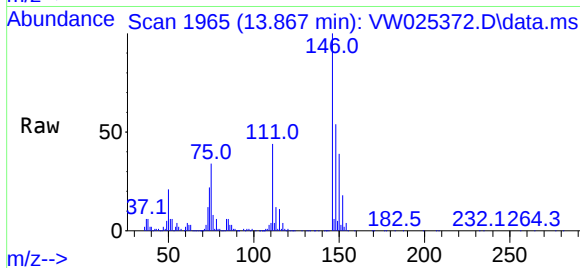




#67
1,2-Dichlorobenzene
Concen: 5.078 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

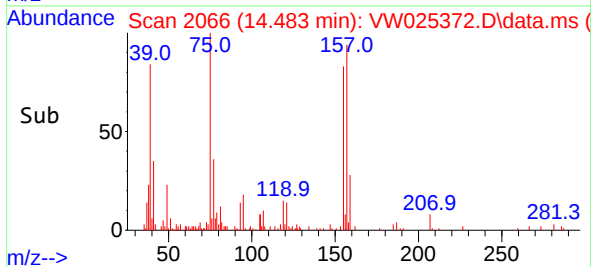
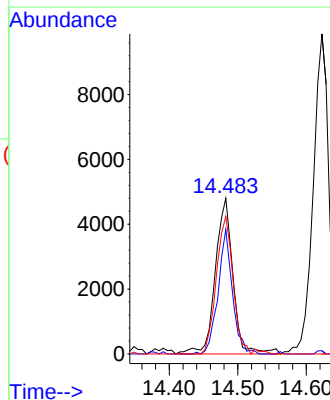
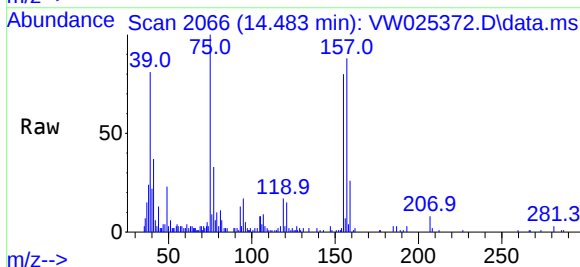
Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

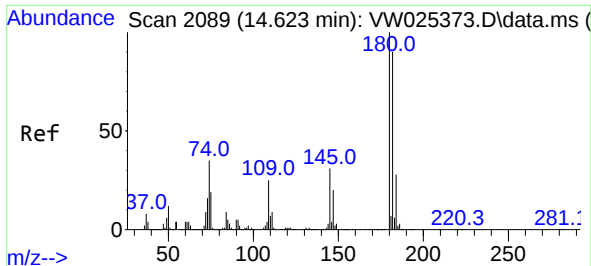
Tgt Ion:	146	Resp:	97443
Ion	Ratio	Lower	Upper
146	100		
111	43.6	36.6	54.8
148	54.5	53.4	80.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.015 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.007 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

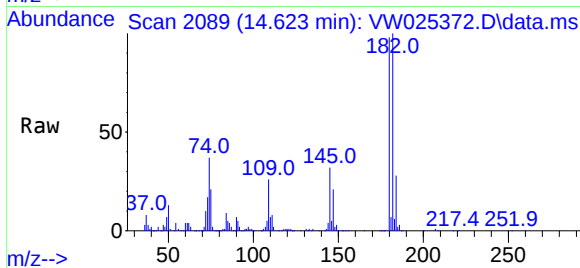
Tgt Ion:	75	Resp:	8568
Ion	Ratio	Lower	Upper
75	100		
155	79.8	55.4	83.0
157	88.3	75.3	112.9





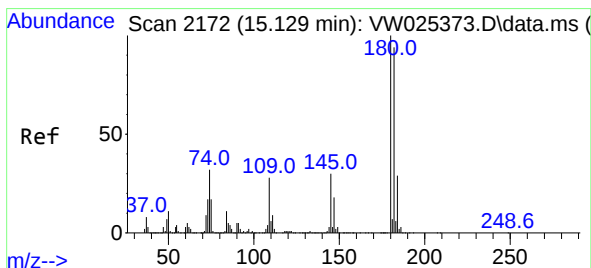
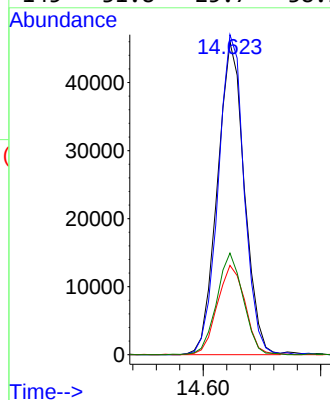
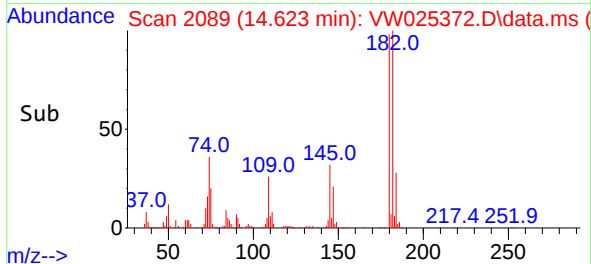
#69
1,3,5-Trichlorobenzene
Concen: 5.042 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

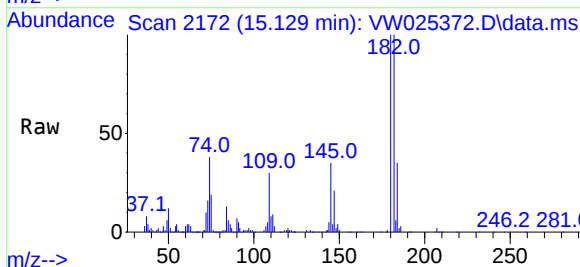


Tgt Ion:180 Resp: 73340

Ion	Ratio	Lower	Upper
180	100		
182	97.9	77.1	115.7
184	29.3	24.7	37.1
145	31.8	25.7	38.5

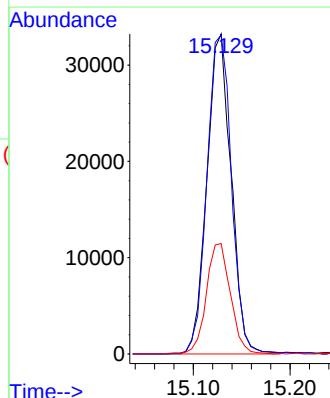
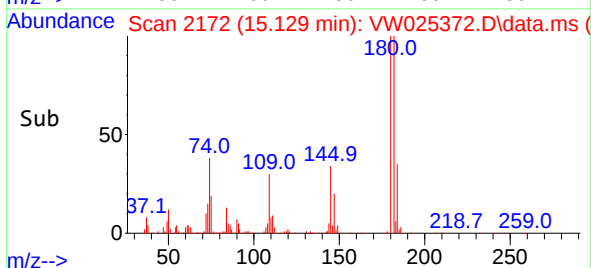


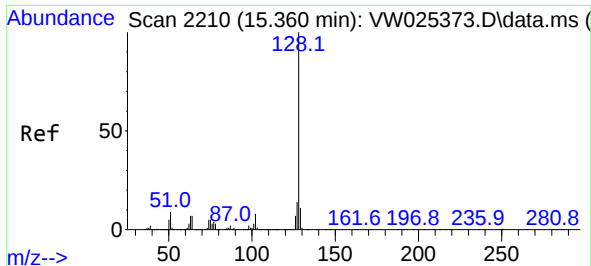
#70
1,2,4-trichlorobenzene
Concen: 4.796 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15



Tgt Ion:180 Resp: 57836

Ion	Ratio	Lower	Upper
180	100		
182	101.4	75.5	113.3
145	34.2	25.2	37.8



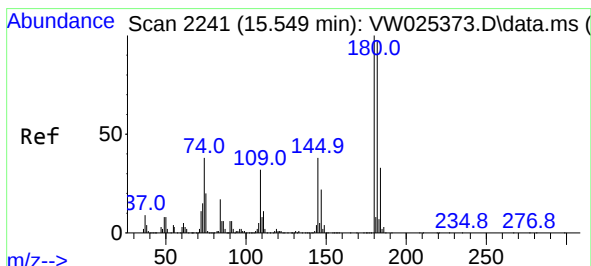
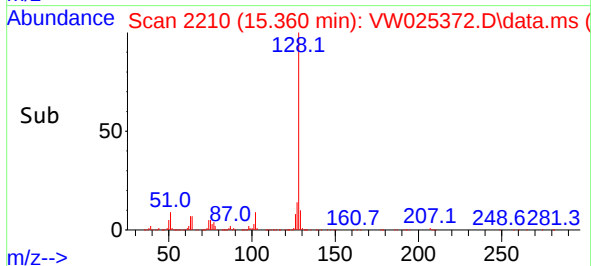
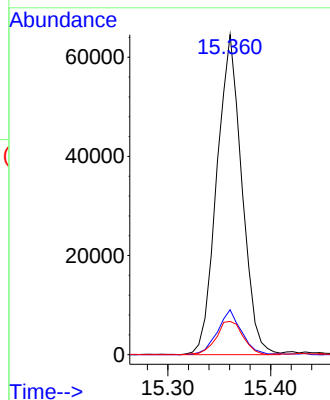
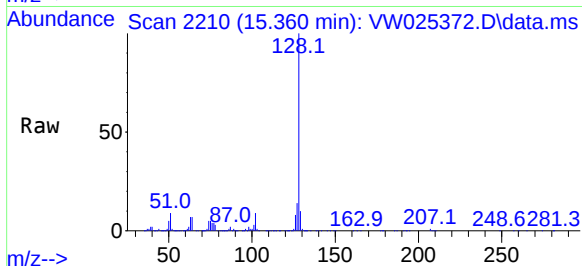


#71
Naphthalene
Concen: 4.590 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD005432

Tgt Ion:128 Resp: 109257

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	11.2	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 5.143 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW025372.D
Acq: 06 Mar 2023 09:15

Tgt Ion:180 Resp: 55705

Ion	Ratio	Lower	Upper
180	100		
182	90.7	76.6	114.8
145	32.6	27.7	41.5

