

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022223\
 Data File : VW025353.D
 Acq On : 22 Feb 2023 11:45
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025542

Quant Time: Feb 22 21:22:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 21:15:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	404924	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	351444	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	172907	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	77868	22.715	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.880%
7) Chloroethane-d5	2.893	69	59569	23.569	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.280%
11) 1,1-Dichloroethene-d2	4.027	63	206147	23.168	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.680%
21) 2-Butanone-d5	7.075	46	35582	45.756	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.520%
24) Chloroform-d	7.648	84	190232	24.491	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.960%
26) 1,2-Dichloroethane-d4	8.307	65	95618	23.730	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.920%
32) Benzene-d6	8.276	84	375314	25.200	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	9.276	67	103126	24.675	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.680%
41) Toluene-d8	10.324	98	349223	25.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	10.574	79	47578	24.987	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.960%
47) 2-Hexanone-d5	10.922	63	29751	48.800	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74951	23.955	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	108376	24.678	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	104760	20.609	ug/L	90
3) Chloromethane	2.222	50	109318	23.960	ug/L	98
5) Vinyl chloride	2.375	62	125774	23.678	ug/L	96
6) Bromomethane	2.789	94	78723	23.341	ug/L	98
8) Chloroethane	2.929	64	71164	22.895	ug/L	96
9) Trichlorofluoromethane	3.271	101	144344	22.395	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	126207	23.051	ug/L	92
12) 1,1-Dichloroethene	4.051	96	120738	23.141	ug/L	95
13) Acetone	4.124	43	56176	43.607	ug/L	100
14) Carbon disulfide	4.393	76	397736	23.371	ug/L	100
15) Methyl Acetate	4.667	43	45051	21.706	ug/L	100
16) Methylene chloride	4.917	84	125621	21.940	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	129633	23.701	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	187057	24.214	ug/L	99
19) 1,1-Dichloroethane	6.222	63	235426	23.953	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	139628	24.295	ug/L	93
22) 2-Butanone	7.166	43	67010	44.844	ug/L	98
23) Bromochloromethane	7.514	128	58394	23.810	ug/L	93
25) Chloroform	7.673	83	243506	24.075	ug/L	99

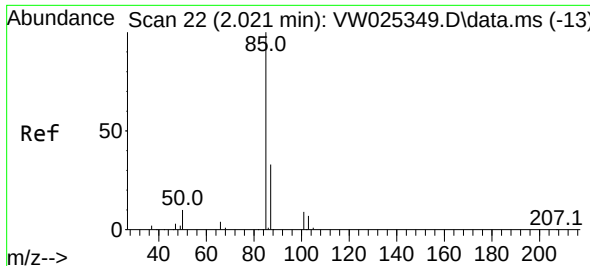
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 ClientSampleId :
 VSTD025542

Quant Time: Feb 22 21:22:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 21:15:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	161008	23.600	ug/L	100
29) Cyclohexane	7.959	56	218712	24.722	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	219659	24.128	ug/L	100
31) Carbon tetrachloride	8.069	117	205941	24.034	ug/L	100
33) Benzene	8.325	78	529745	24.652	ug/L	100
34) Trichloroethene	9.093	95	145380	24.225	ug/L	94
35) Methylcyclohexane	9.337	83	257027	24.440	ug/L	99
37) 1,2-Dichloropropane	9.367	63	126645	24.364	ug/L	100
38) Bromodichloromethane	9.648	83	173337	24.584	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	211525	24.872	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	123718	46.786	ug/L	99
42) Toluene	10.385	91	574543	24.835	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	177235	24.792	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	93036	23.997	ug/L	95
46) Tetrachloroethene	10.861	164	107602	23.744	ug/L	96
48) 2-Hexanone	10.965	43	93017	47.128	ug/L	100
49) Dibromochloromethane	11.129	129	108250	24.171	ug/L	95
50) 1,2-Dibromoethane	11.233	107	89731	24.142	ug/L #	95
51) Chlorobenzene	11.653	112	358169	24.108	ug/L	96
52) Ethylbenzene	11.733	91	661114	24.661	ug/L	100
53) m,p-Xylene	11.836	106	252713	24.810	ug/L	94
54) o-Xylene	12.166	106	236993	25.168	ug/L	96
55) Styrene	12.178	104	409101	25.546	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.714	83	103233	23.324	ug/L	97
59) Bromoform	12.348	173	58754	22.698	ug/L	100
60) Isopropylbenzene	12.464	105	673824	23.827	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	76090	22.211	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	568171	25.016	ug/L	98
63) 1,2,4-Trimethylbenzene	13.251	105	550273	25.595	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	275532	24.916	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	279240	25.188	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	243592	24.021	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	16234	20.509	ug/L	97
69) 1,3,5-Trichlorobenzene	14.622	180	165172	21.822	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	155179	23.627	ug/L	97
71) Naphthalene	15.360	128	301818	23.899	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	135361	24.267	ug/L	99

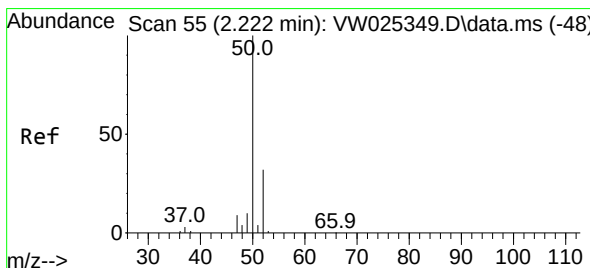
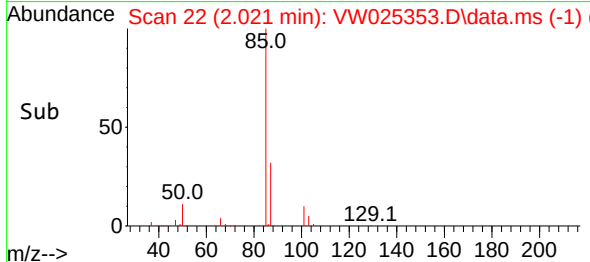
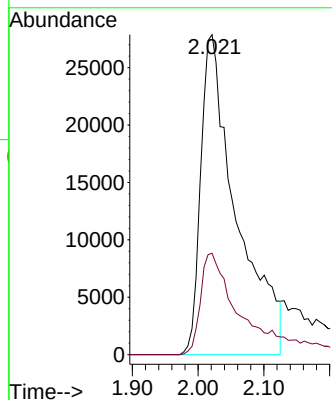
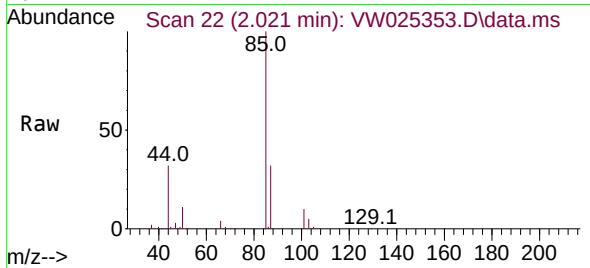
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#2
 Dichlorodifluoromethane
 Concen: 20.609 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025353.D
 Acq: 22 Feb 2023 11:45

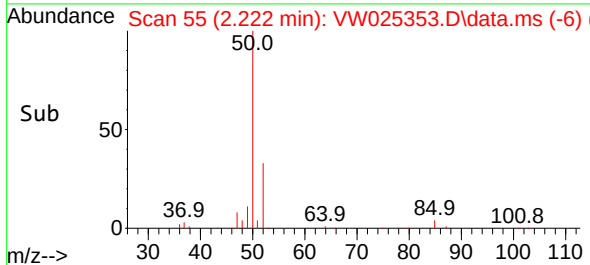
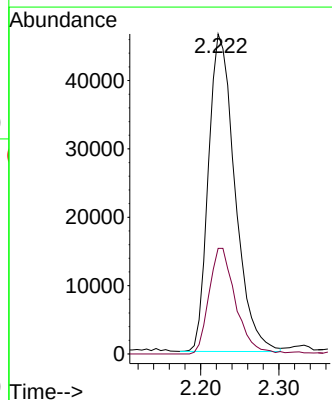
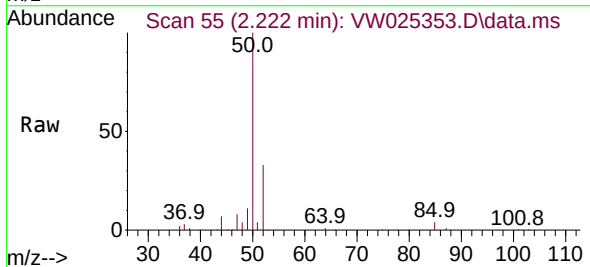
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025542

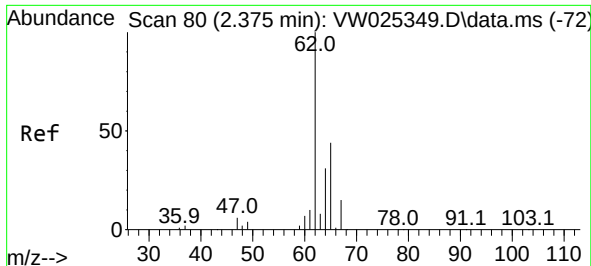
Tgt Ion: 85 Resp: 104760
 Ion Ratio Lower Upper
 85 100
 87 30.7 20.6 30.8



#3
 Chloromethane
 Concen: 23.960 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW025353.D
 Acq: 22 Feb 2023 11:45

Tgt Ion: 50 Resp: 109318
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.3 41.3

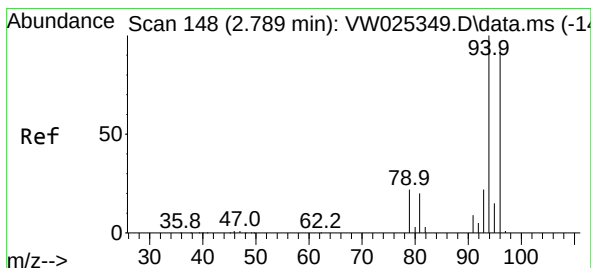
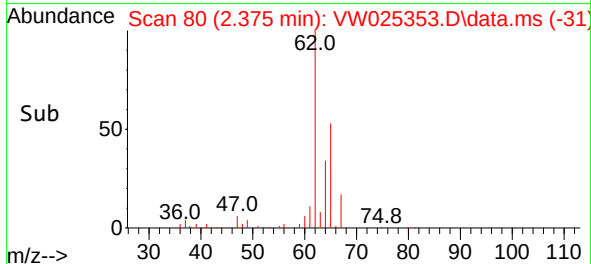
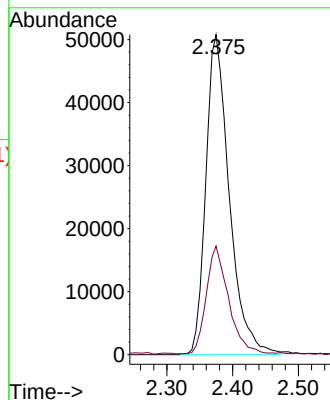
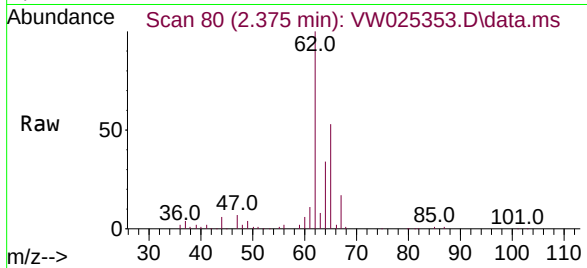




#5
 Vinyl chloride
 Concen: 23.678 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025353.D
 Acq: 22 Feb 2023 11:45

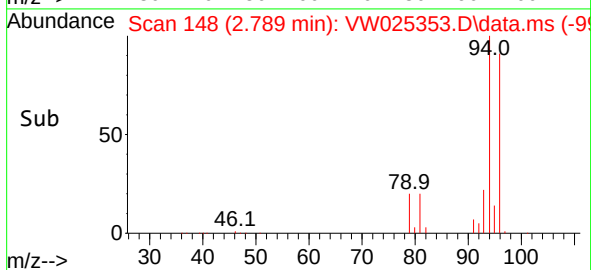
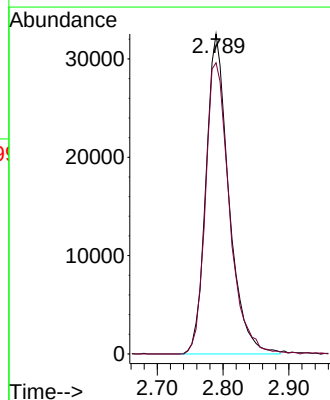
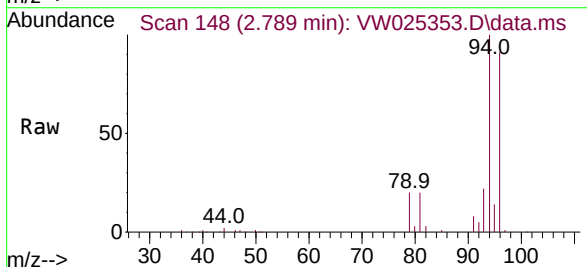
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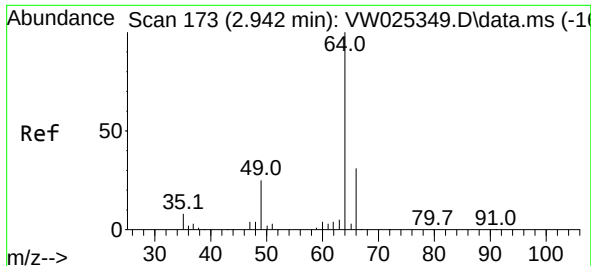
Tgt Ion: 62 Resp: 125774
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.2 41.2



#6
 Bromomethane
 Concen: 23.341 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025353.D
 Acq: 22 Feb 2023 11:45

Tgt Ion: 94 Resp: 78723
 Ion Ratio Lower Upper
 94 100
 96 91.0 65.2 121.0

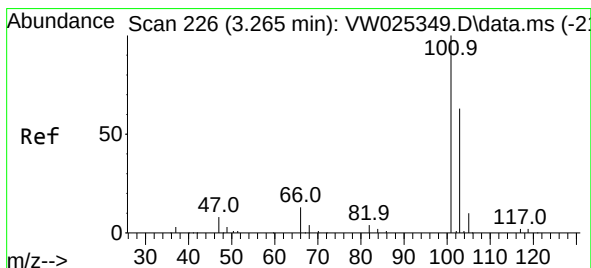
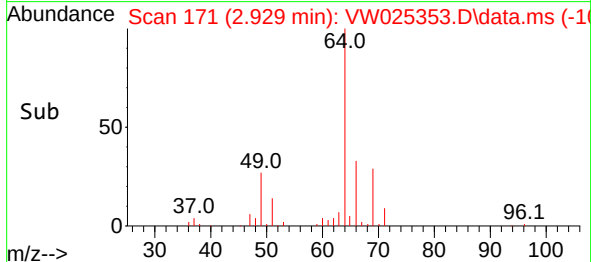
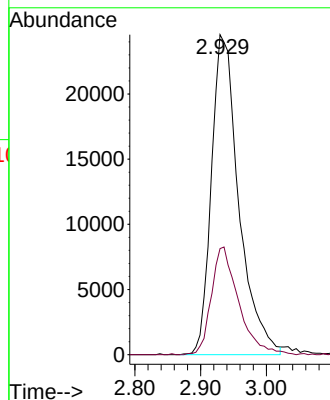
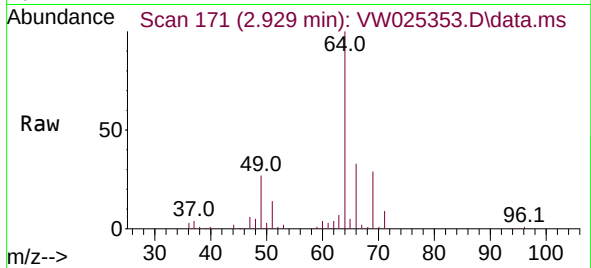




#8
Chloroethane
Concen: 22.895 ug/L
RT: 2.929 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

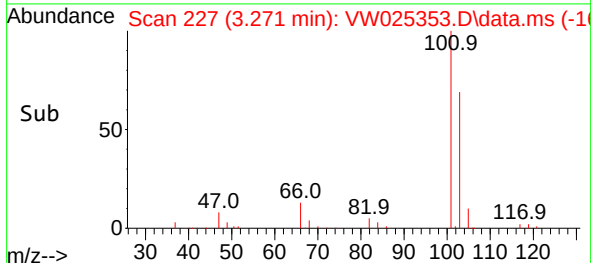
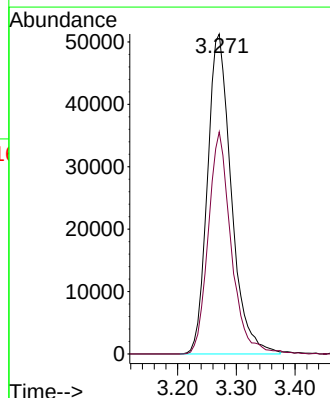
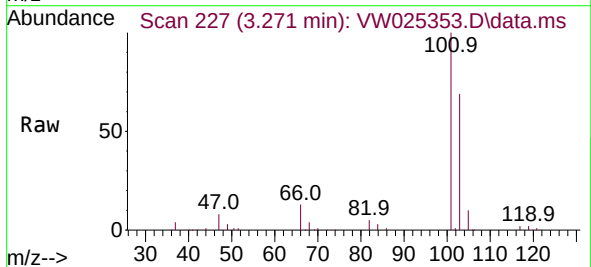
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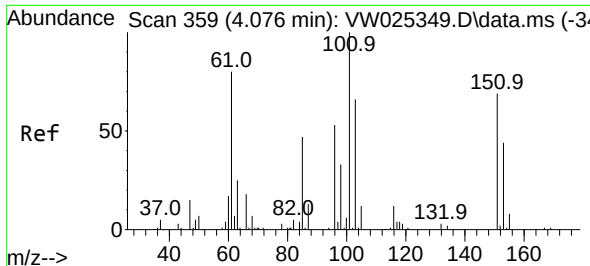
Tgt Ion: 64 Resp: 71164
Ion Ratio Lower Upper
64 100
66 33.1 21.6 40.0



#9
Trichlorofluoromethane
Concen: 22.395 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

Tgt Ion:101 Resp: 144344
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

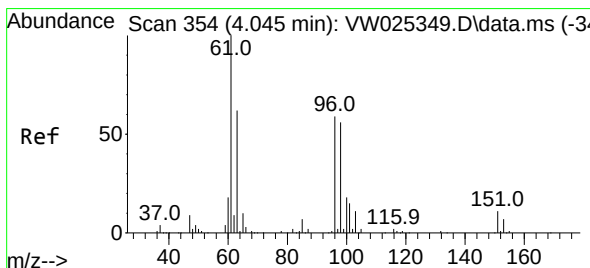
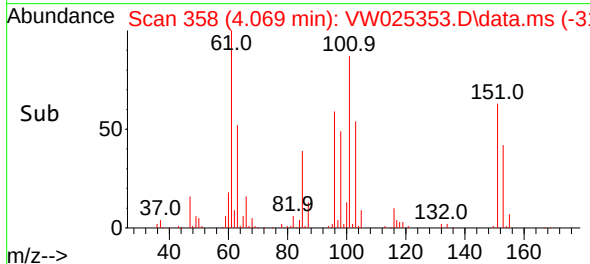
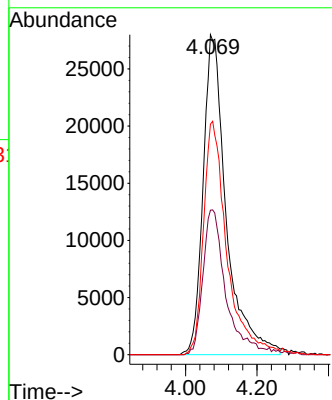
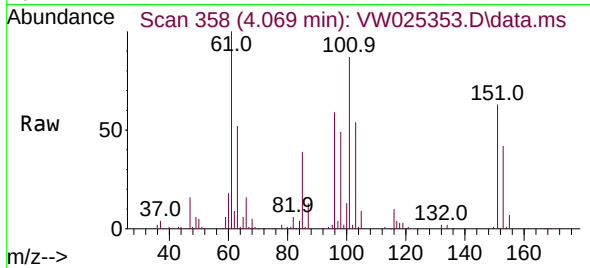




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.051 ug/L
 RT: 4.069 min Scan# 358
 Delta R.T. -0.006 min
 Lab File: VW025353.D
 Acq: 22 Feb 2023 11:45

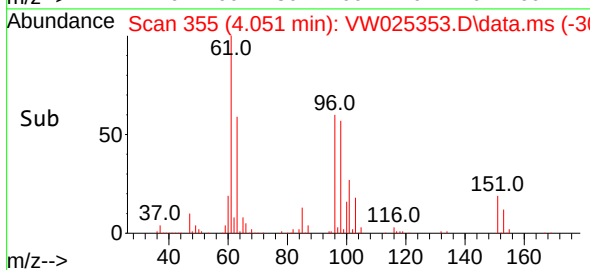
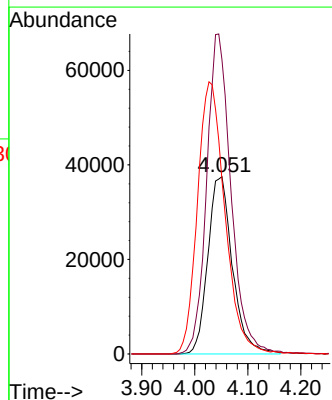
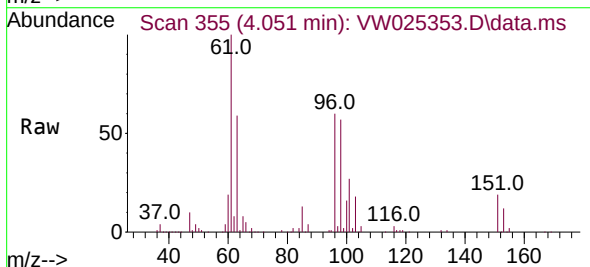
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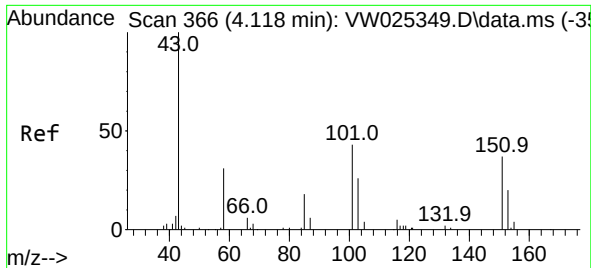
Tgt Ion:101 Resp: 126207
 Ion Ratio Lower Upper
 101 100
 85 41.7 36.3 54.5
 151 73.1 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 23.141 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW025353.D
 Acq: 22 Feb 2023 11:45

Tgt Ion: 96 Resp: 120738
 Ion Ratio Lower Upper
 96 100
 61 166.0 119.3 221.5
 63 98.3 74.5 138.5





#13

Acetone

Concen: 43.607 ug/L

RT: 4.124 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW025353.D

Acq: 22 Feb 2023 11:45

Instrument :

MSVOA_W

ClientSampleId :

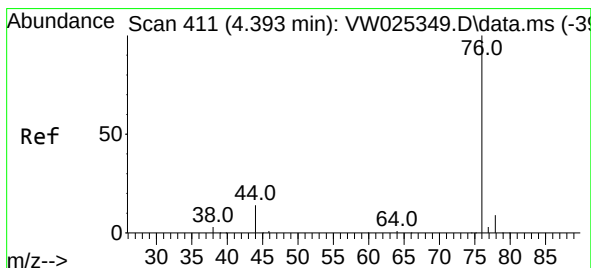
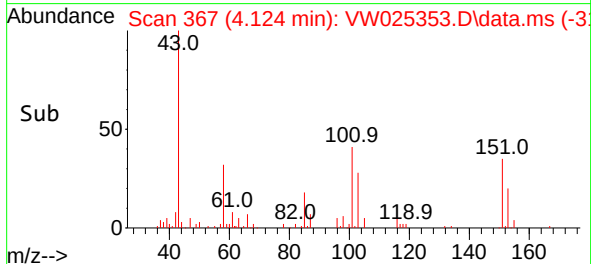
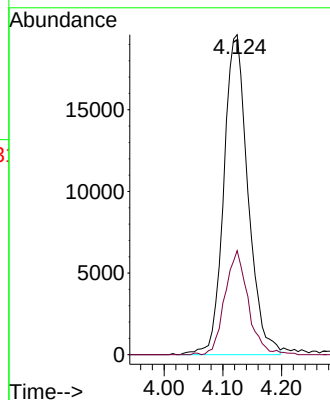
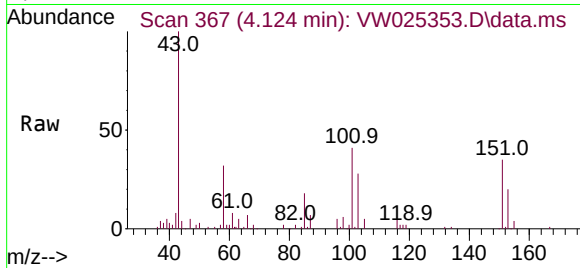
VSTD025542

Tgt Ion: 43 Resp: 56176

Ion Ratio Lower Upper

43 100

58 30.7 0.0 61.6



#14

Carbon disulfide

Concen: 23.371 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW025353.D

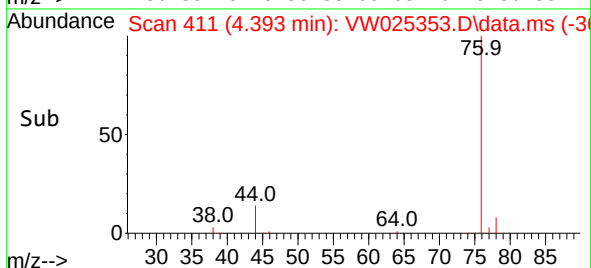
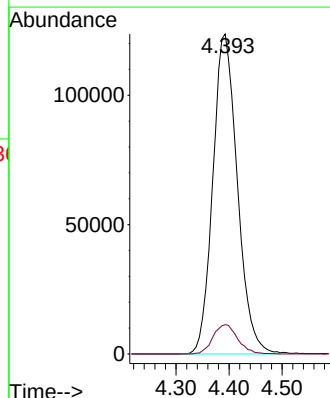
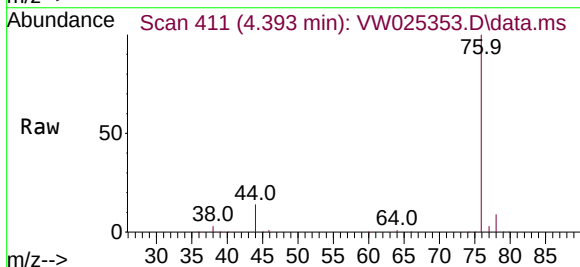
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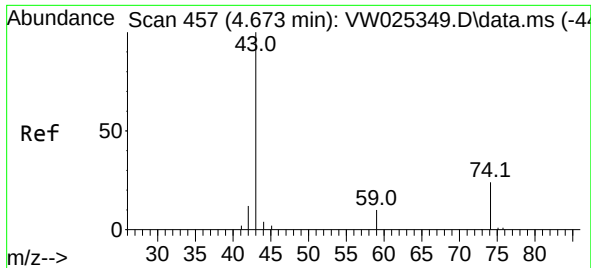
Tgt Ion: 76 Resp: 397736

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

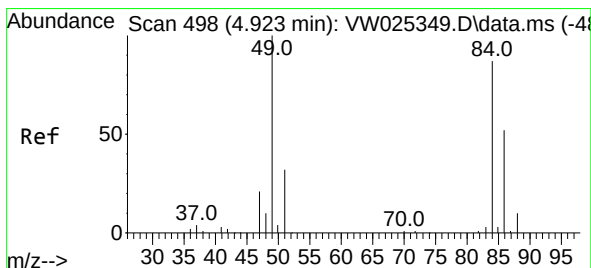
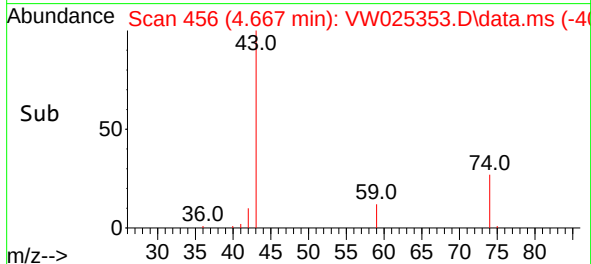
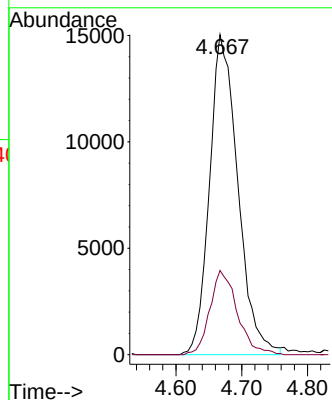
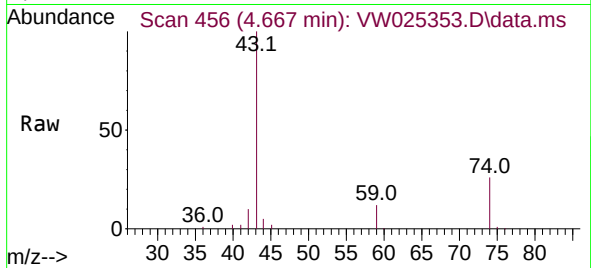




#15
Methyl Acetate
Concen: 21.706 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

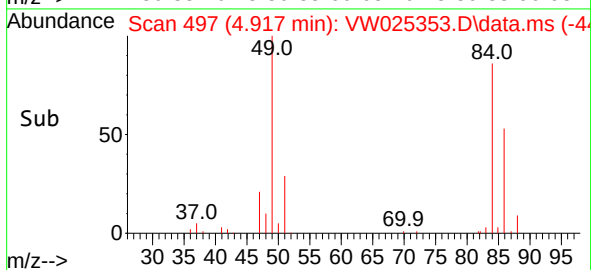
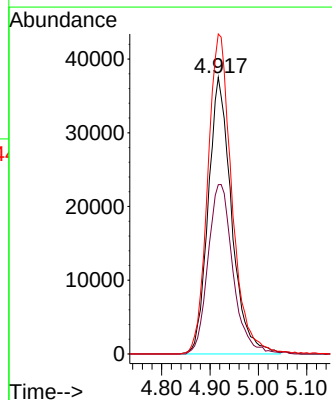
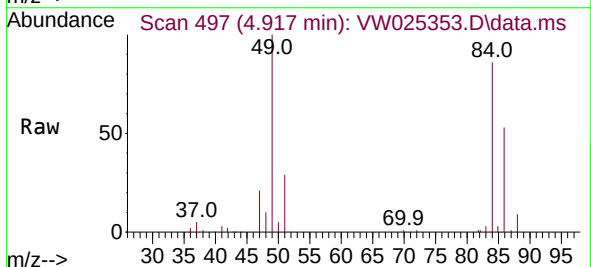
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

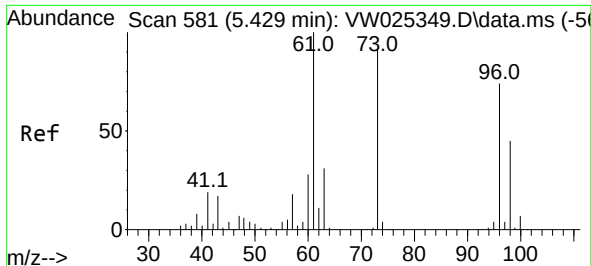
Tgt Ion: 43 Resp: 45051
Ion Ratio Lower Upper
43 100
74 25.4 20.2 30.4



#16
Methylene chloride
Concen: 21.940 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

Tgt Ion: 84 Resp: 125621
Ion Ratio Lower Upper
84 100
86 61.2 41.8 77.6
49 115.7 80.3 149.1

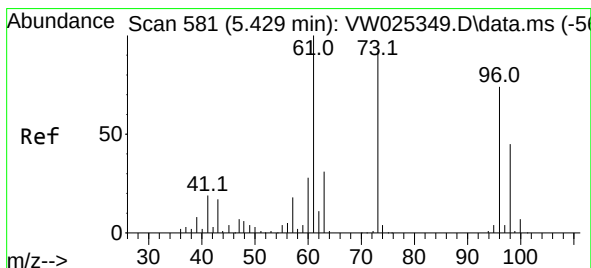
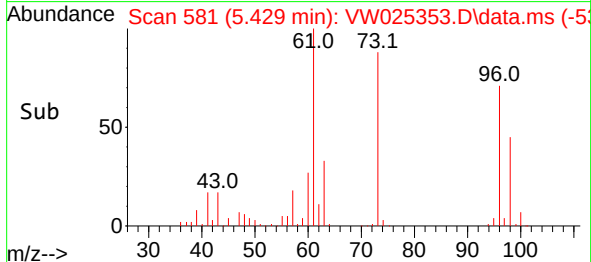
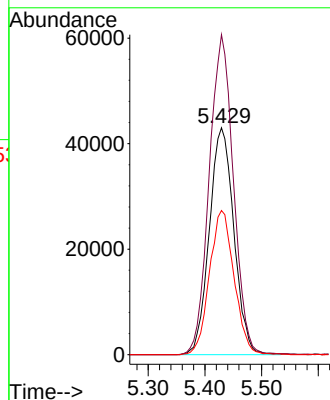
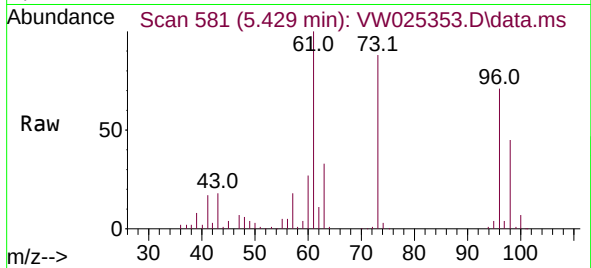




#17
trans-1,2-Dichloroethene
Concen: 23.701 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

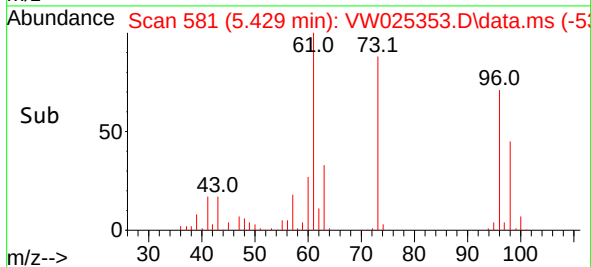
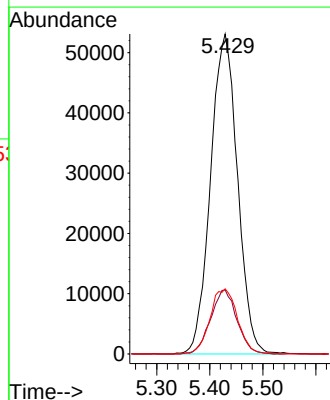
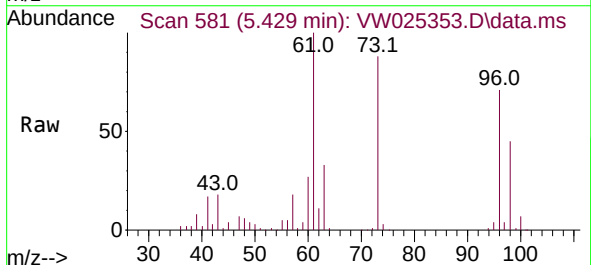
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

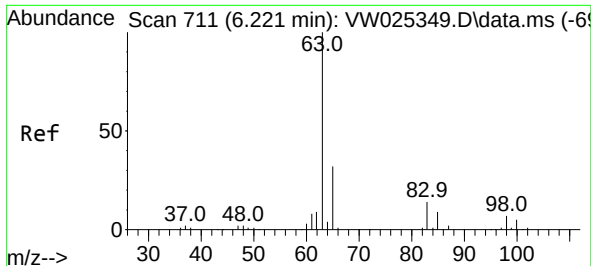
Tgt Ion: 96 Resp: 129633
Ion Ratio Lower Upper
96 100
61 141.0 94.8 176.0
98 63.5 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 24.214 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

Tgt Ion: 73 Resp: 187057
Ion Ratio Lower Upper
73 100
43 19.6 16.1 24.1
57 20.7 16.6 25.0

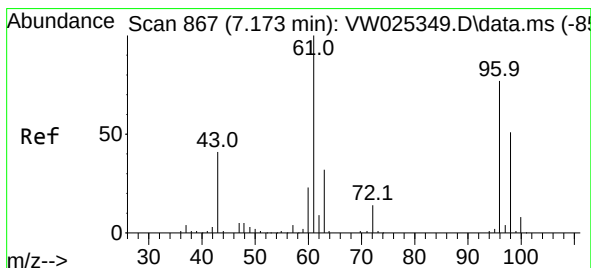
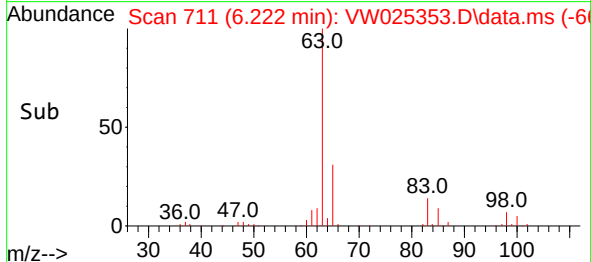
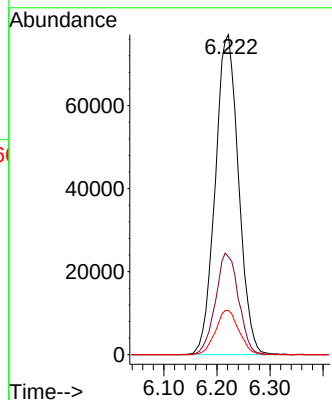
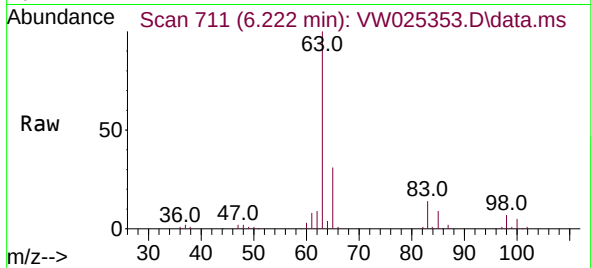




#19
1,1-Dichloroethane
Concen: 23.953 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

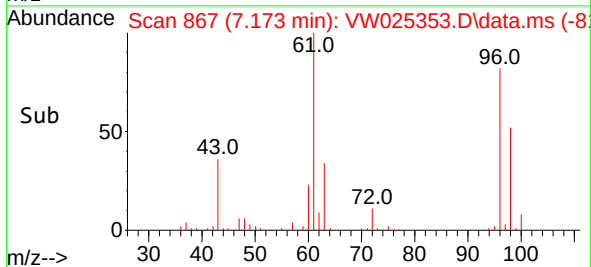
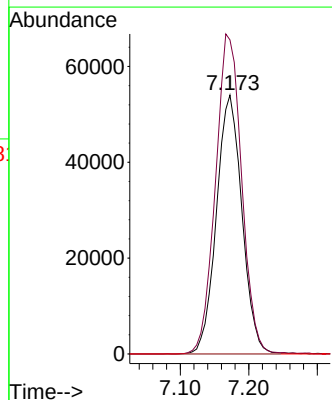
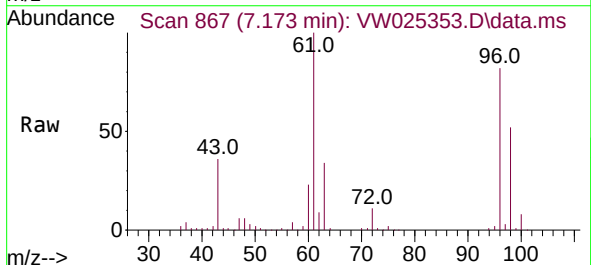
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

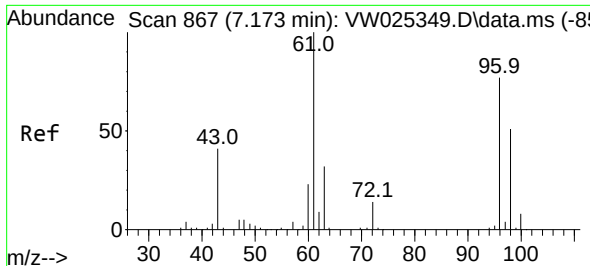
Tgt Ion: 63 Resp: 235426
Ion Ratio Lower Upper
63 100
65 30.6 22.1 41.1
83 13.8 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 24.295 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

Tgt Ion: 96 Resp: 139628
Ion Ratio Lower Upper
96 100
61 121.3 90.9 168.9
68 0.0 0.0 0.0

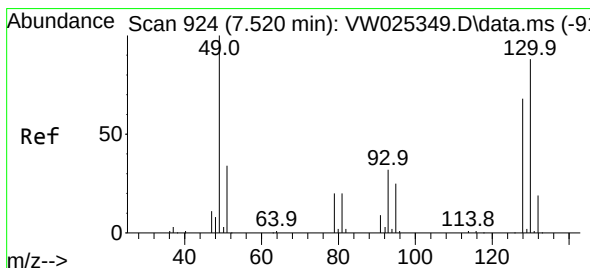
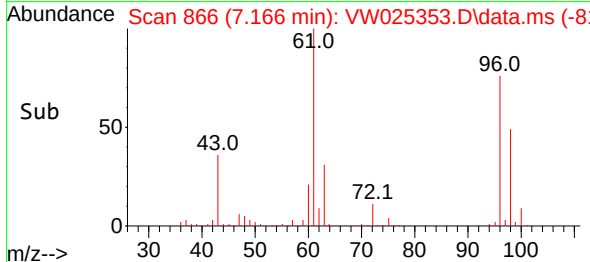
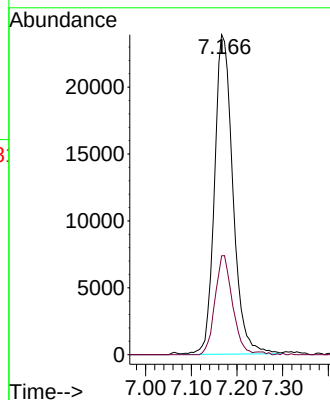
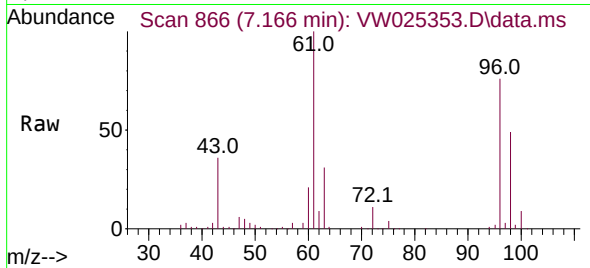




#22
2-Butanone
Concen: 44.844 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

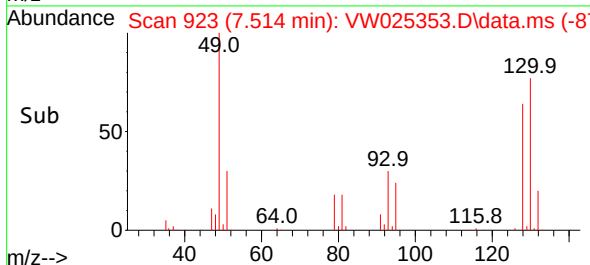
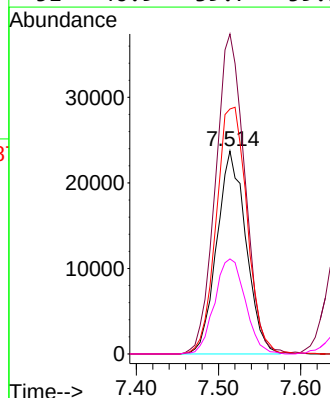
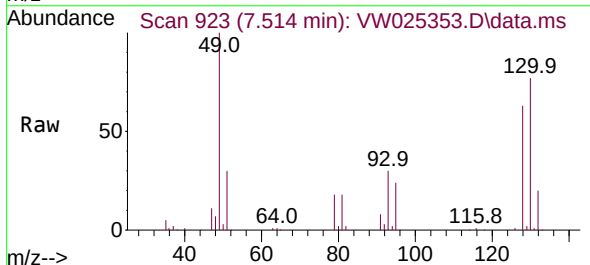
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

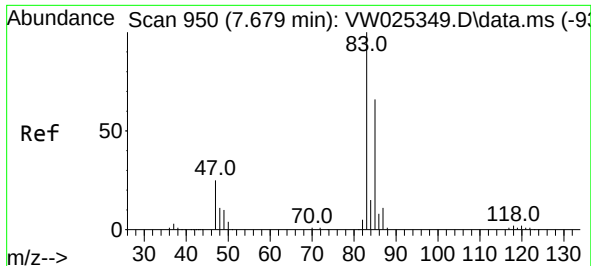
Tgt Ion: 43 Resp: 67010
Ion Ratio Lower Upper
43 100
72 29.3 15.0 45.1



#23
Bromochloromethane
Concen: 23.810 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

Tgt Ion: 128 Resp: 58394
Ion Ratio Lower Upper
128 100
49 157.7 102.4 190.2
130 120.7 90.1 167.3
51 46.9 39.7 59.5





#25

Chloroform

Concen: 24.075 ug/L

RT: 7.673 min Scan# 94

Delta R.T. -0.006 min

Lab File: VW025353.D

Acq: 22 Feb 2023 11:45

Instrument :

MSVOA_W

ClientSampleId :

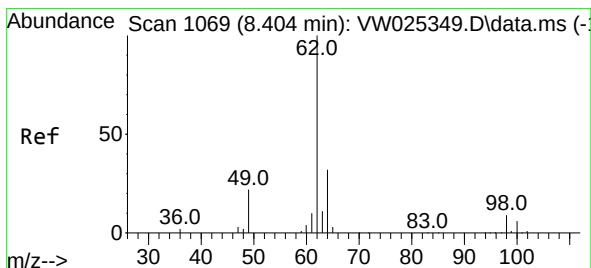
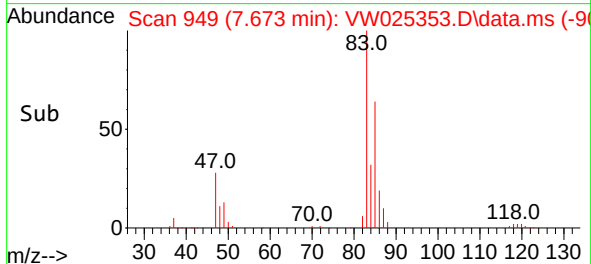
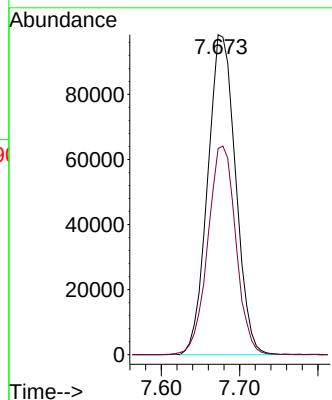
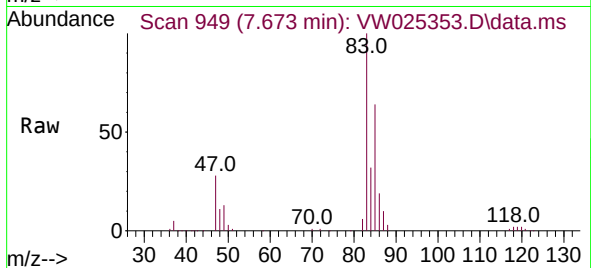
VSTD025542

Tgt Ion: 83 Resp: 243506

Ion Ratio Lower Upper

83 100

85 64.4 45.9 85.3



#27

1,2-Dichloroethane

Concen: 23.600 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VW025353.D

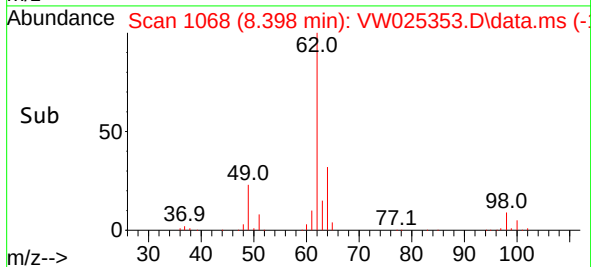
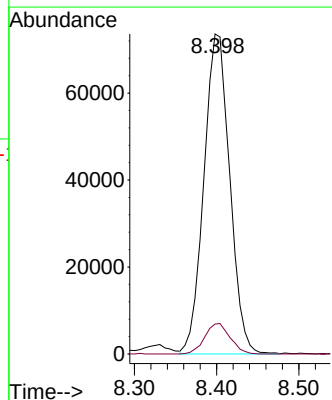
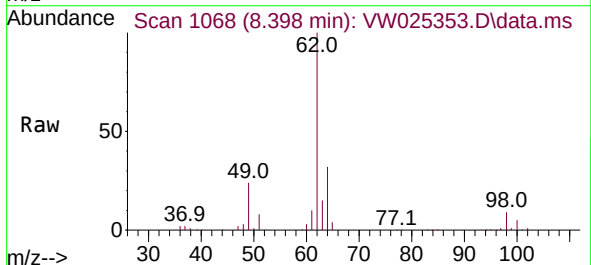
Acq: 22 Feb 2023 11:45

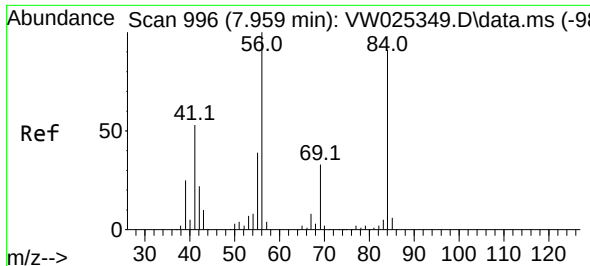
Tgt Ion: 62 Resp: 161008

Ion Ratio Lower Upper

62 100

98 9.3 7.4 11.0

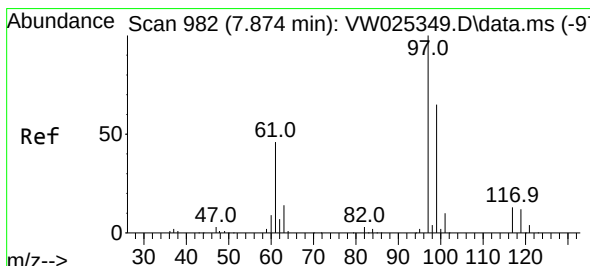
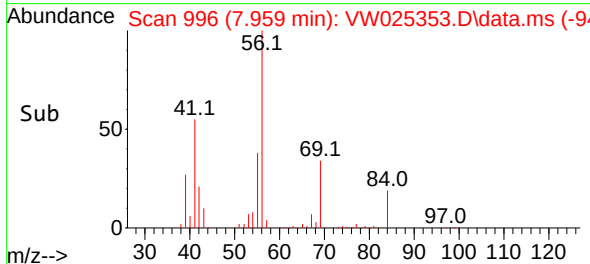
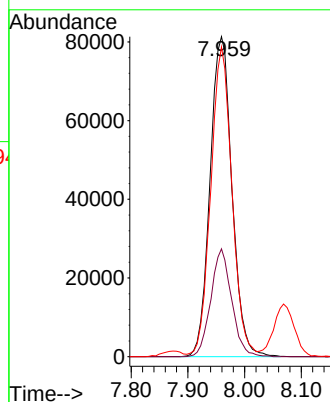
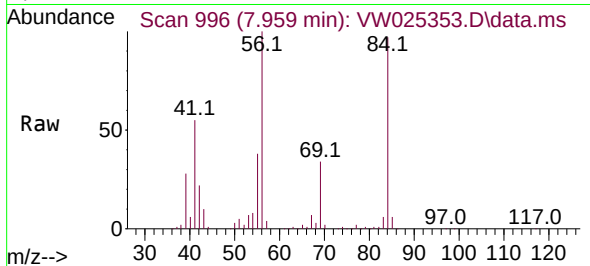




#29
Cyclohexane
Concen: 24.722 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

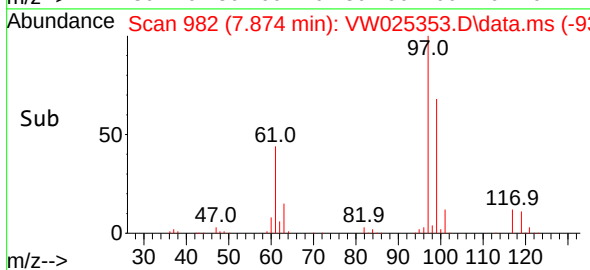
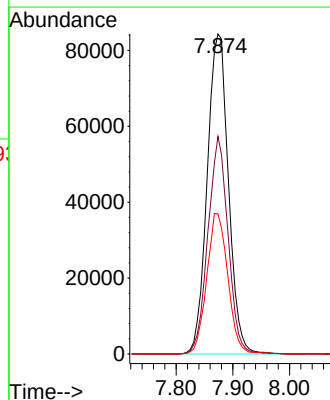
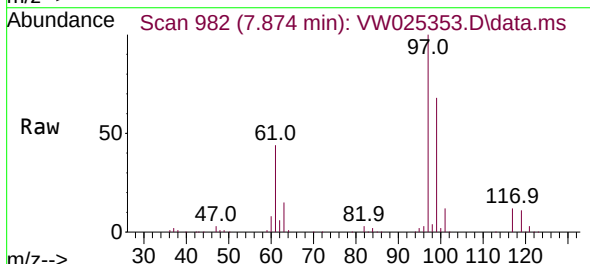
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

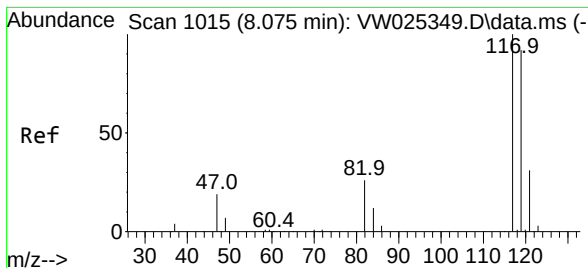
Tgt Ion: 56 Resp: 218712
Ion Ratio Lower Upper
56 100
69 31.9 25.9 38.9
84 93.5 74.6 111.8



#30
1,1,1-Trichloroethane
Concen: 24.128 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

Tgt Ion: 97 Resp: 219659
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 43.4 35.1 52.7

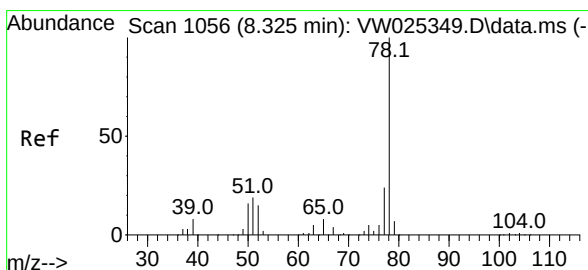
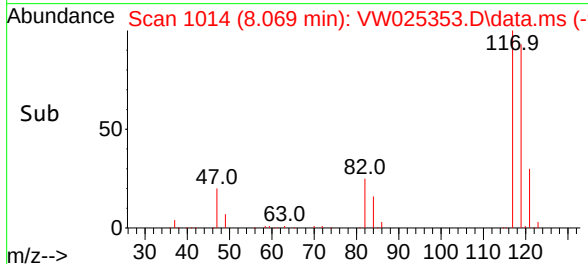
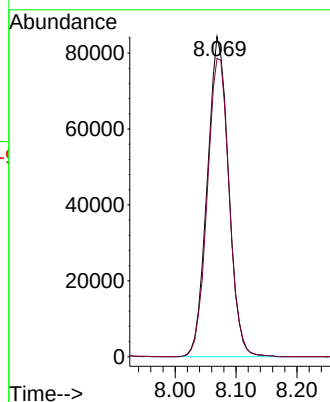
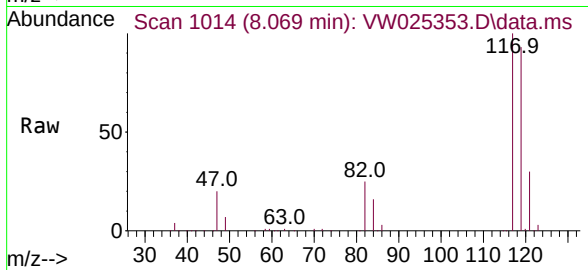




#31
Carbon tetrachloride
Concen: 24.034 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

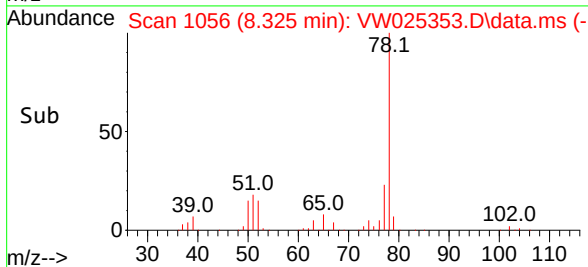
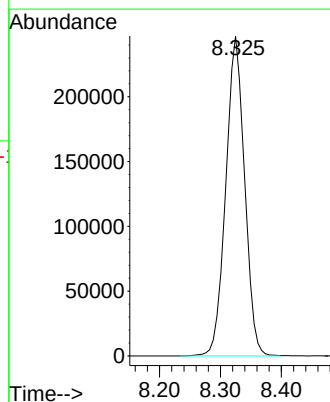
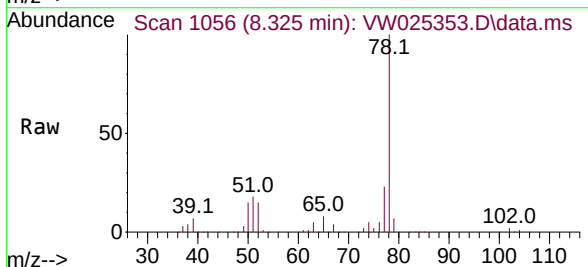
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

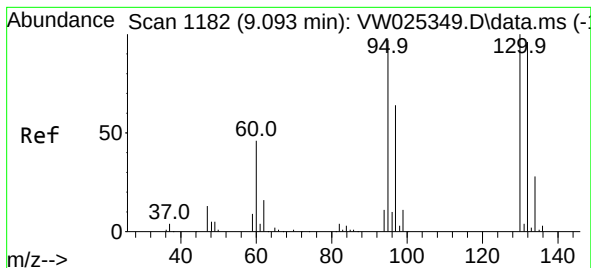
Tgt Ion:117 Resp: 205941
Ion Ratio Lower Upper
117 100
119 95.6 76.3 114.5



#33
Benzene
Concen: 24.652 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

Tgt Ion: 78 Resp: 529745





#34

Trichloroethene

Concen: 24.225 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025353.D

Acq: 22 Feb 2023 11:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

Tgt Ion: 95 Resp: 145380

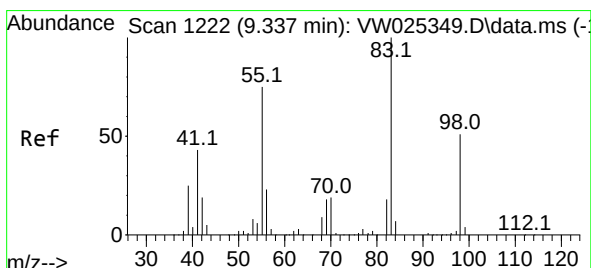
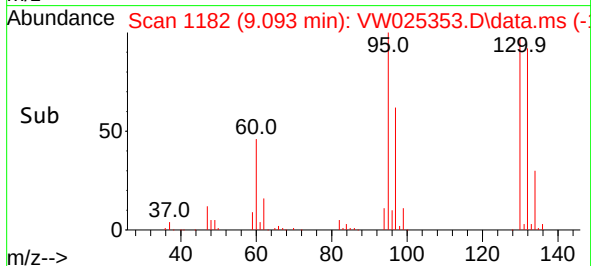
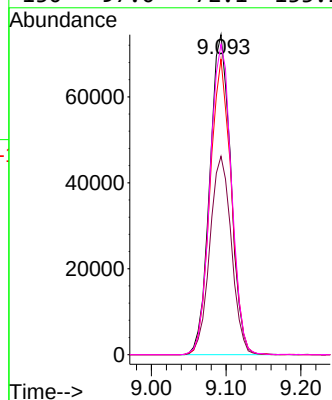
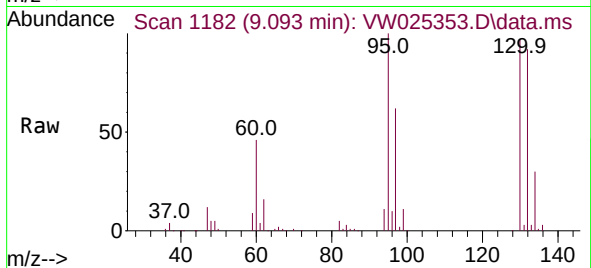
Ion Ratio Lower Upper

95 100

97 62.0 46.3 85.9

132 92.3 69.3 128.7

130 97.0 72.1 133.9



#35

Methylcyclohexane

Concen: 24.440 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW025353.D

Acq: 22 Feb 2023 11:45

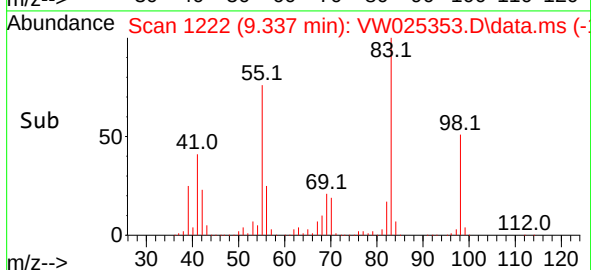
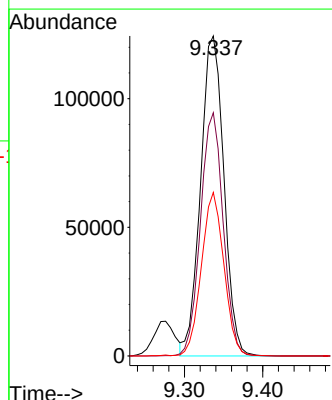
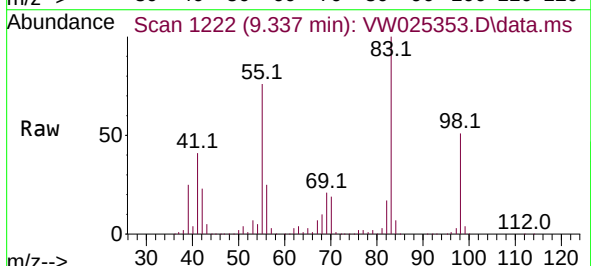
Tgt Ion: 83 Resp: 257027

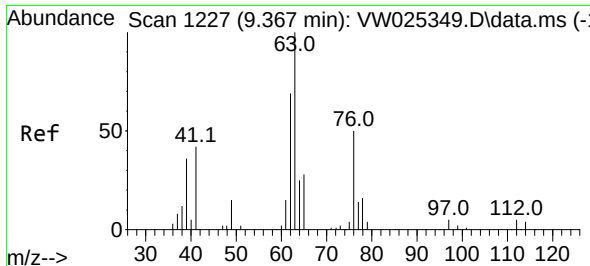
Ion Ratio Lower Upper

83 100

55 74.1 58.4 87.6

98 49.5 39.1 58.7





#37

1,2-Dichloropropane

Concen: 24.364 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW025353.D

Acq: 22 Feb 2023 11:45

Instrument :

MSVOA_W

ClientSampleId :

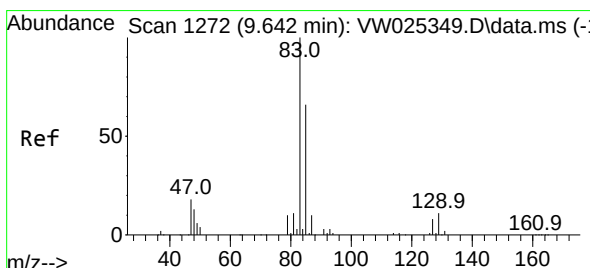
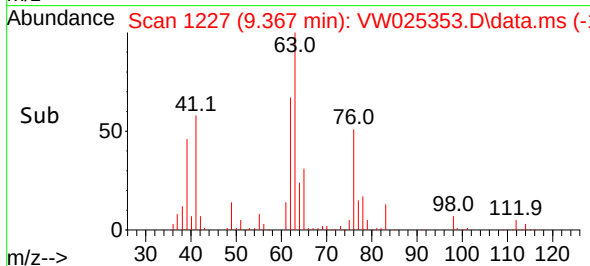
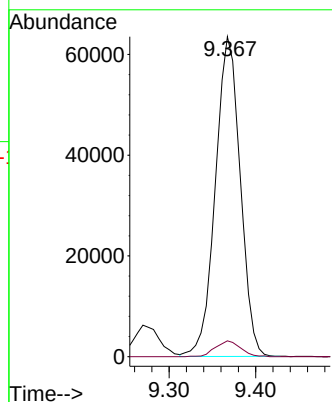
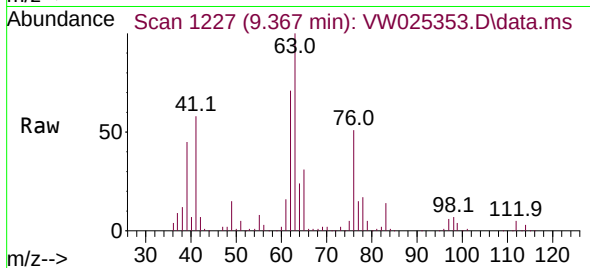
VSTD025542

Tgt Ion: 63 Resp: 126645

Ion Ratio Lower Upper

63 100

112 5.0 3.9 5.9



#38

Bromodichloromethane

Concen: 24.584 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW025353.D

Acq: 22 Feb 2023 11:45

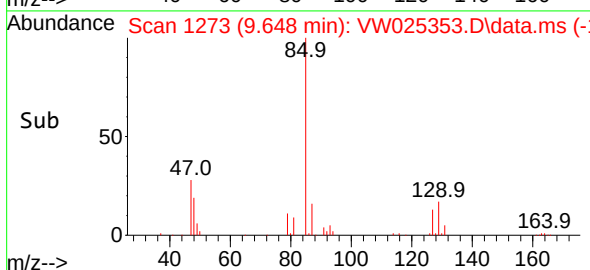
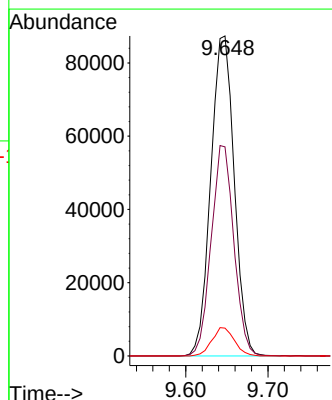
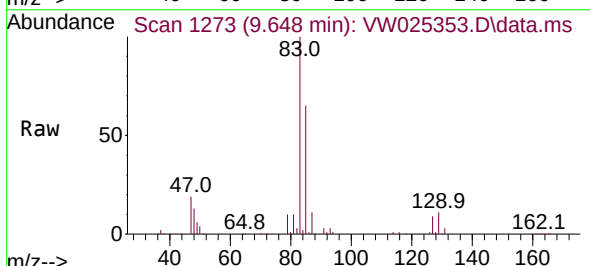
Tgt Ion: 83 Resp: 173337

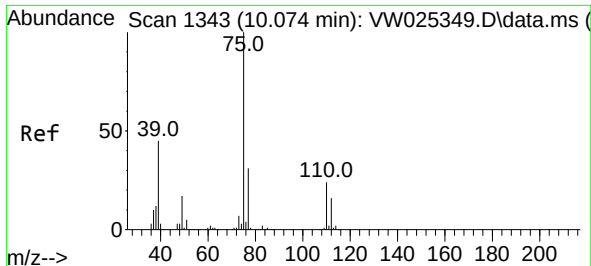
Ion Ratio Lower Upper

83 100

85 65.3 46.0 85.4

127 8.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 24.872 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW025353.D

Acq: 22 Feb 2023 11:45

Instrument :

MSVOA_W

ClientSampleId :

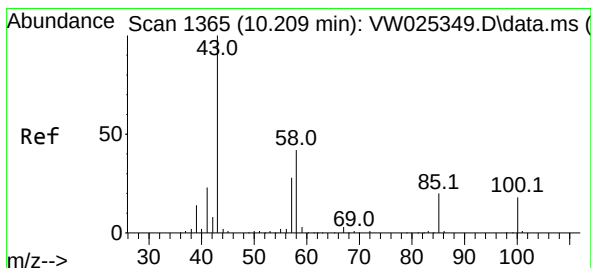
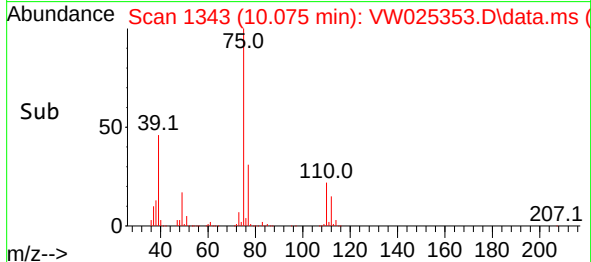
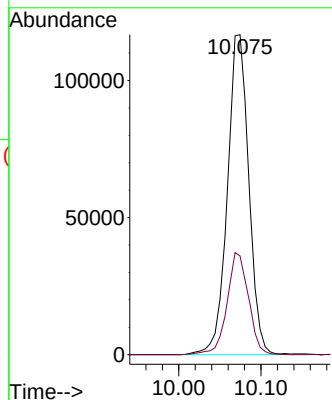
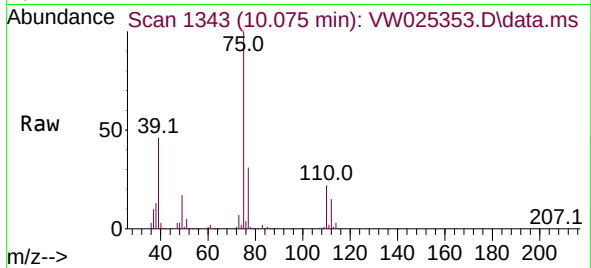
VSTD025542

Tgt Ion: 75 Resp: 211525

Ion Ratio Lower Upper

75 100

77 30.8 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 46.786 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025353.D

Acq: 22 Feb 2023 11:45

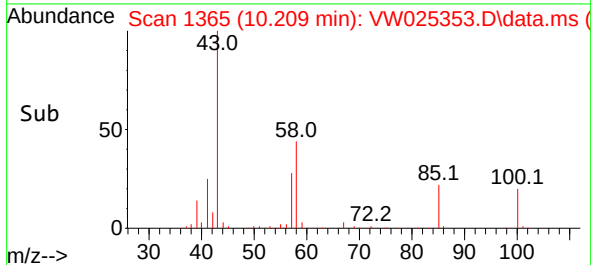
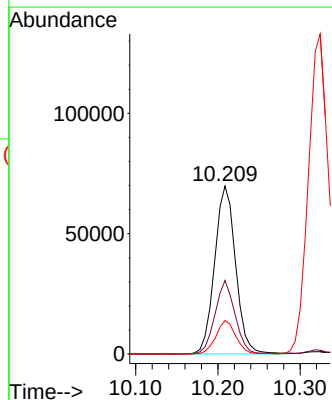
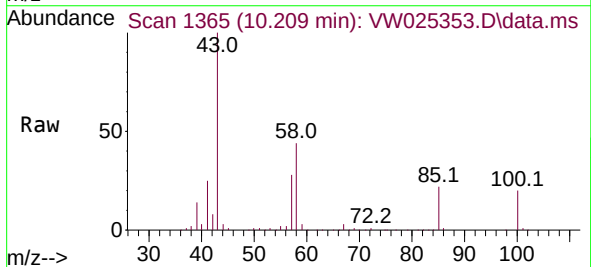
Tgt Ion: 43 Resp: 123718

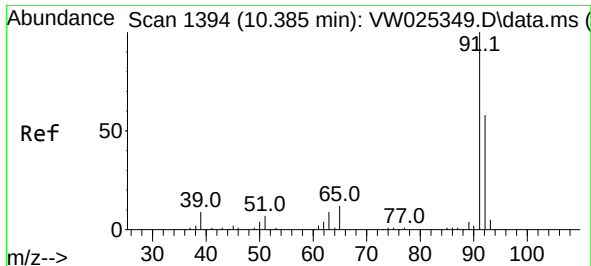
Ion Ratio Lower Upper

43 100

58 41.8 33.9 50.9

100 18.9 14.8 22.2

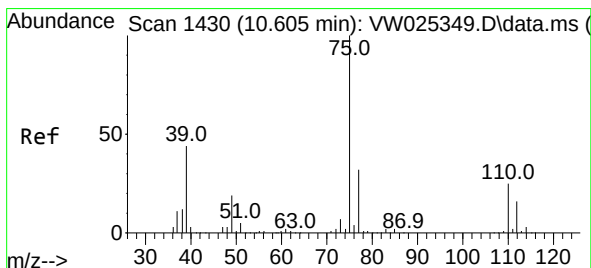
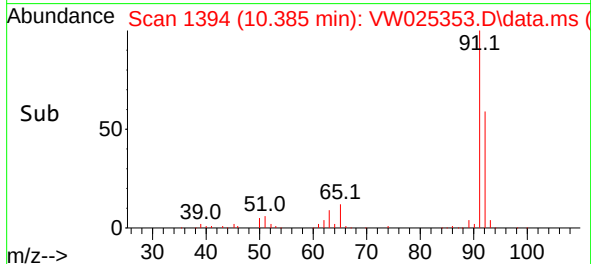
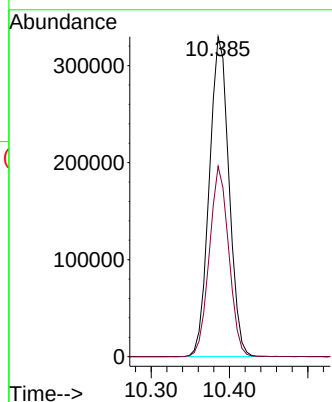
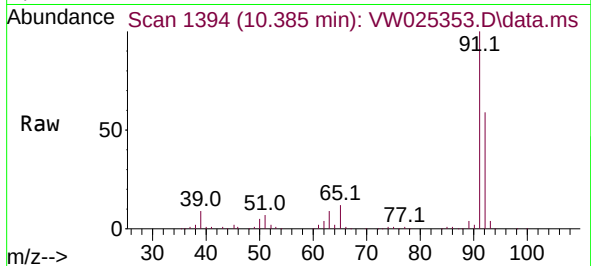




#42
Toluene
Concen: 24.835 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

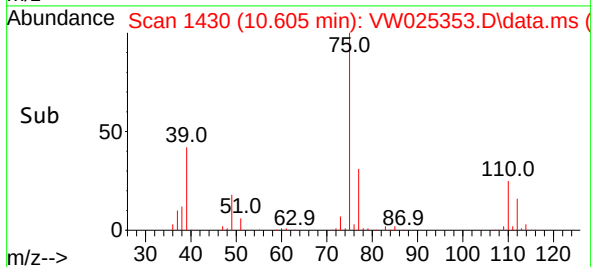
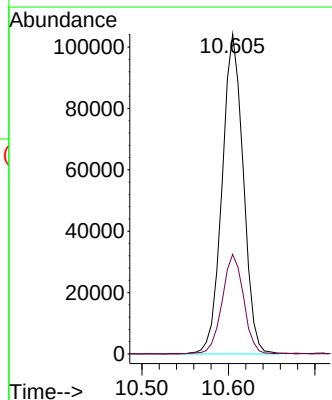
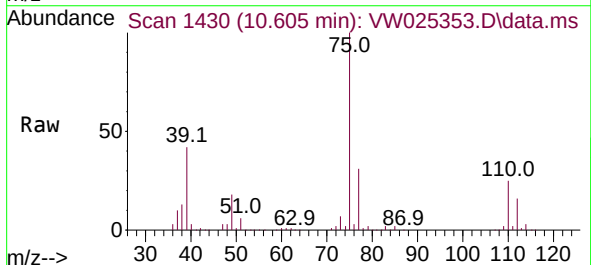
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

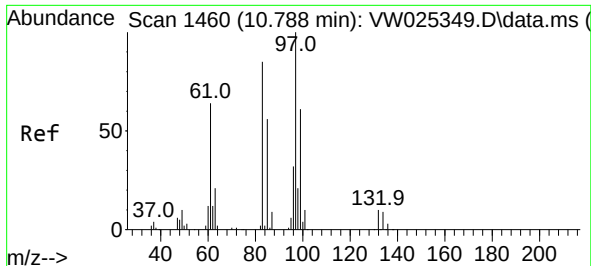
Tgt Ion: 91 Resp: 574543
Ion Ratio Lower Upper
91 100
92 59.5 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 24.792 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

Tgt Ion: 75 Resp: 177235
Ion Ratio Lower Upper
75 100
77 31.1 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 23.997 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW025353.D

Acq: 22 Feb 2023 11:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

Tgt Ion: 97 Resp: 93036

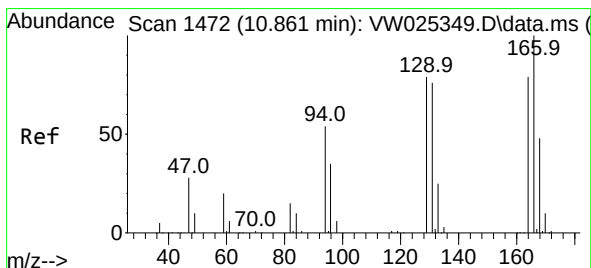
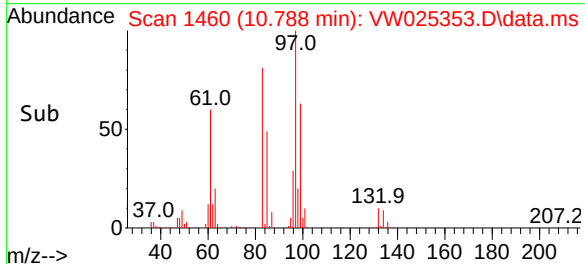
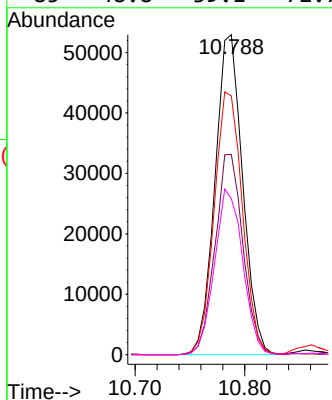
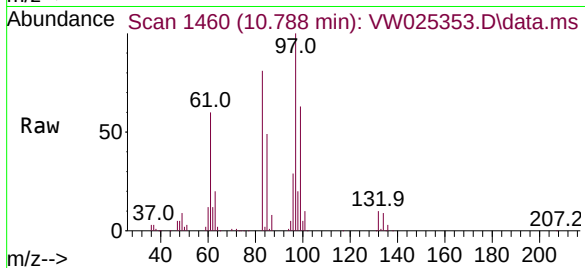
Ion Ratio Lower Upper

97 100

99 62.6 42.6 79.0

83 80.9 59.3 110.1

85 48.8 39.1 72.7



#46

Tetrachloroethene

Concen: 23.744 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW025353.D

Acq: 22 Feb 2023 11:45

Tgt Ion:164 Resp: 107602

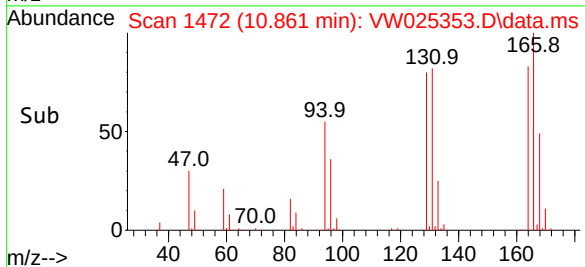
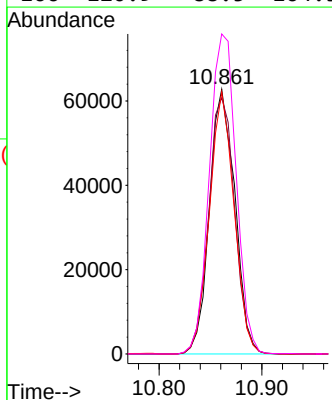
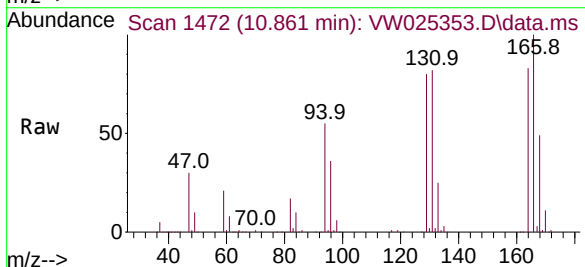
Ion Ratio Lower Upper

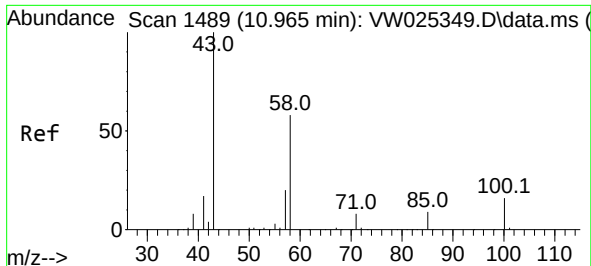
164 100

129 96.8 69.6 129.2

131 99.0 67.4 125.2

166 120.9 88.5 164.3

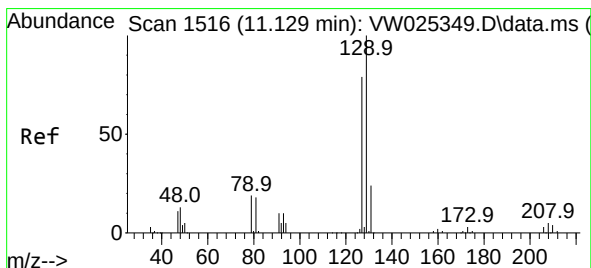
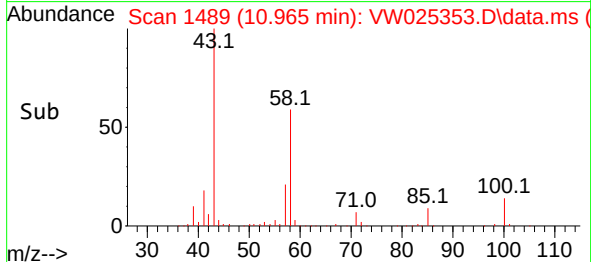
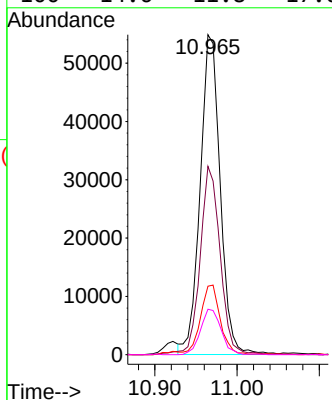
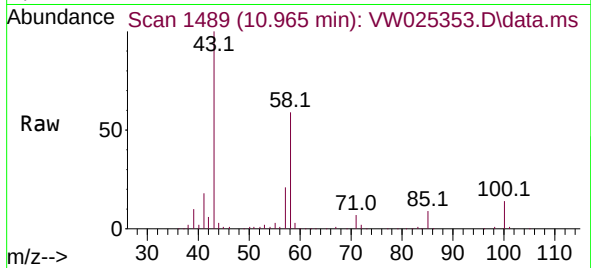




#48
2-Hexanone
Concen: 47.128 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

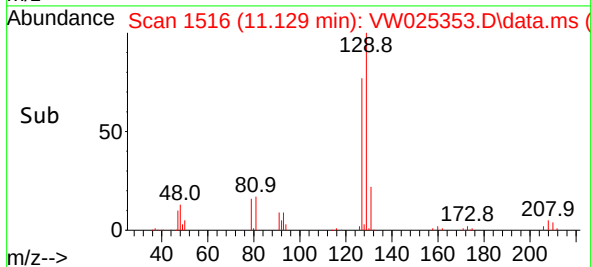
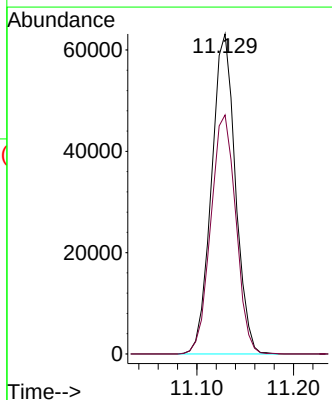
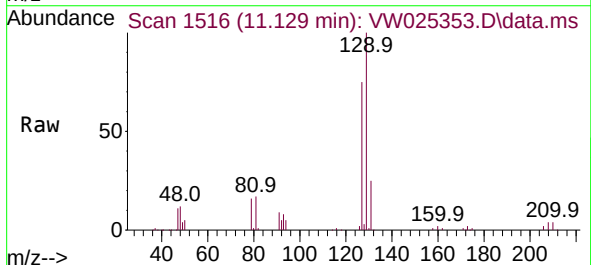
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

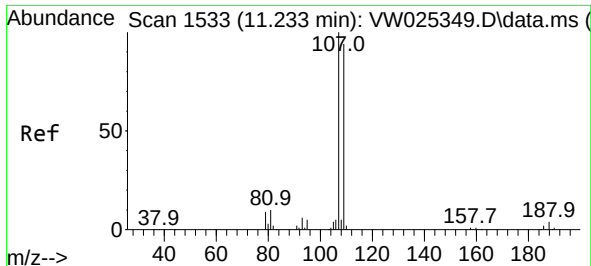
Tgt Ion:	43	Resp:	93017
Ion	Ratio	Lower	Upper
43	100		
58	58.3	47.0	70.4
57	21.3	17.0	25.4
100	14.6	11.8	17.6



#49
Dibromochloromethane
Concen: 24.171 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

Tgt Ion:	129	Resp:	108250
Ion	Ratio	Lower	Upper
129	100		
127	74.7	55.3	102.7





#50

1,2-Dibromoethane

Concen: 24.142 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW025353.D

Acq: 22 Feb 2023 11:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

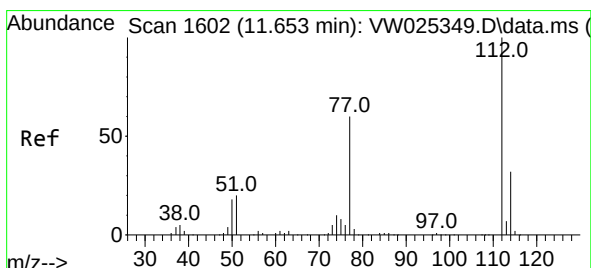
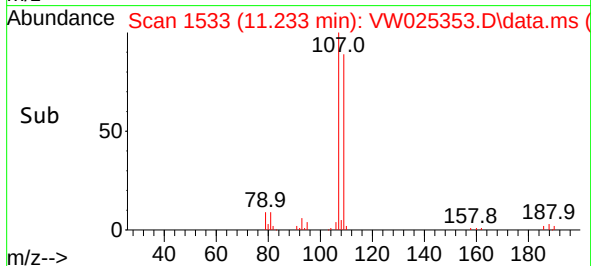
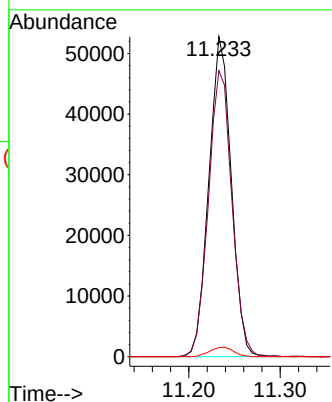
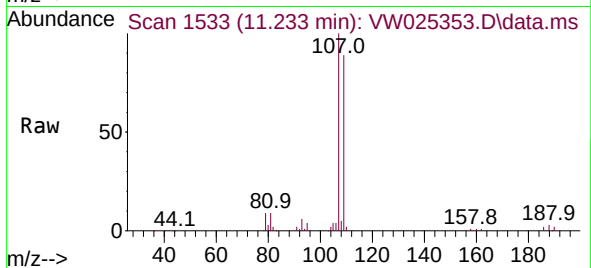
Tgt Ion:107 Resp: 89731

Ion Ratio Lower Upper

107 100

109 89.3 65.9 122.5

188 2.9 2.9 4.3#



#51

Chlorobenzene

Concen: 24.108 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW025353.D

Acq: 22 Feb 2023 11:45

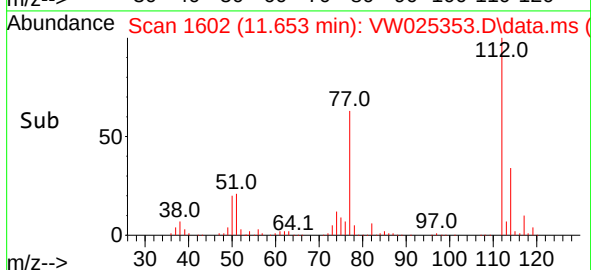
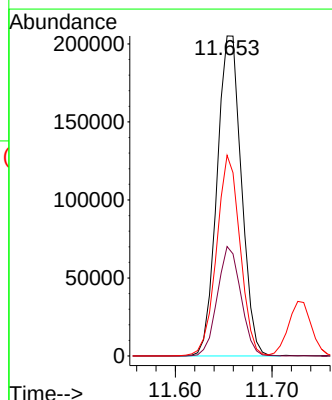
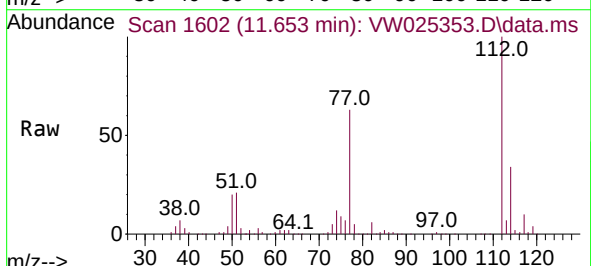
Tgt Ion:112 Resp: 358169

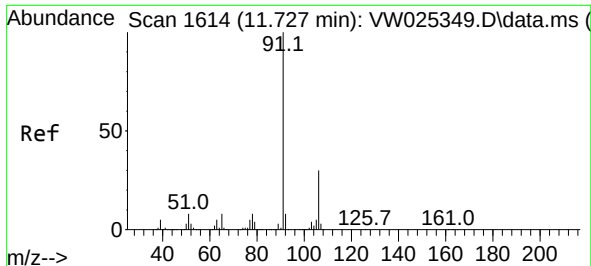
Ion Ratio Lower Upper

112 100

114 34.2 22.2 41.2

77 62.7 48.2 72.2

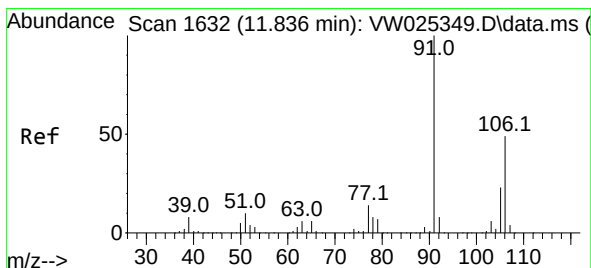
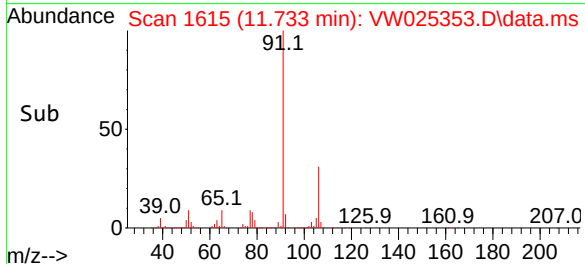
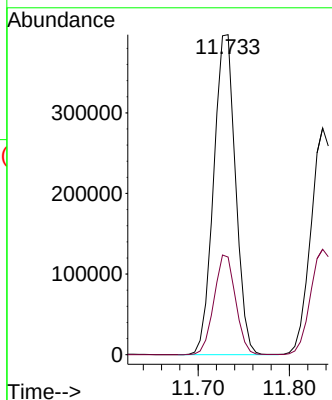
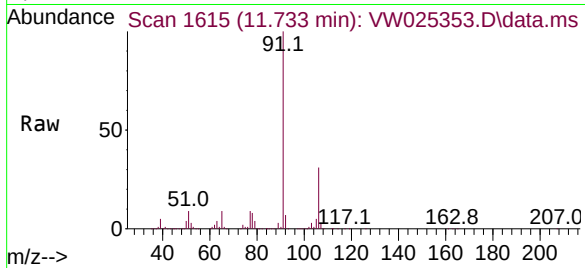




#52
Ethylbenzene
Concen: 24.661 ug/L
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

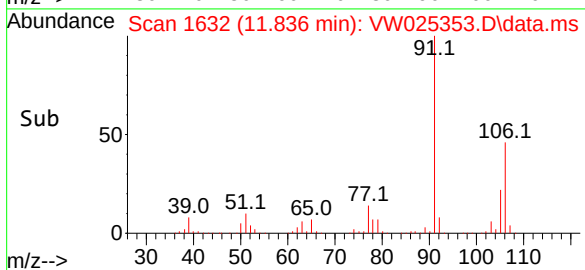
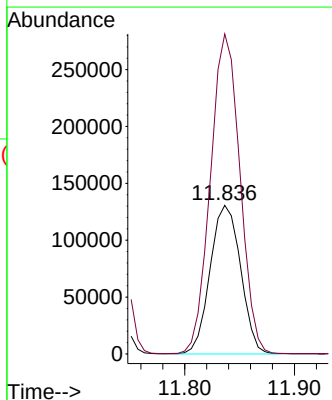
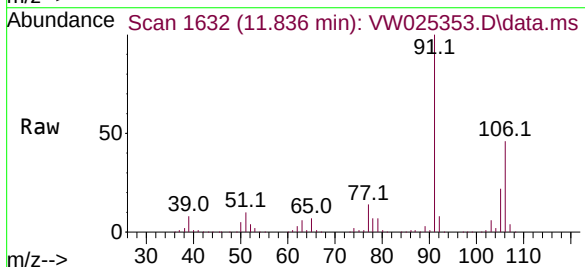
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

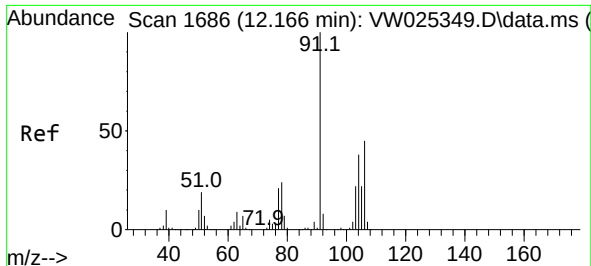
Tgt Ion: 91 Resp: 661114
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.6



#53
m,p-Xylene
Concen: 24.810 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

Tgt Ion: 106 Resp: 252713
Ion Ratio Lower Upper
106 100
91 215.2 144.1 267.7

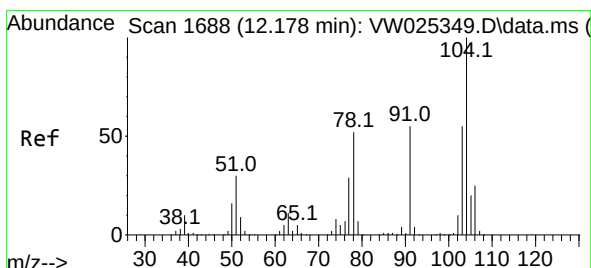
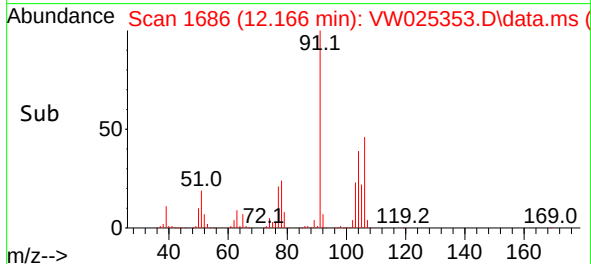
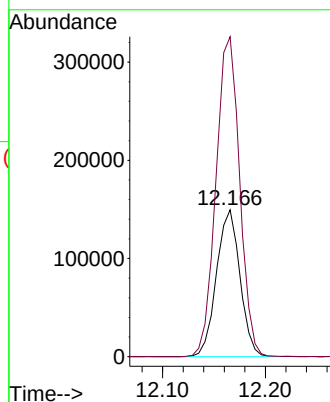
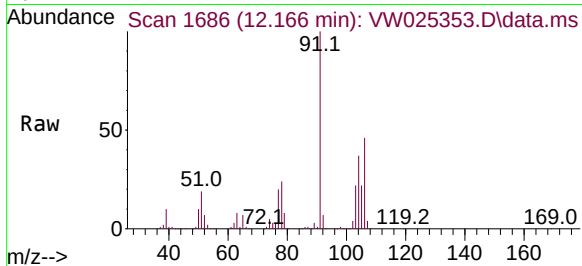




#54
o-Xylene
Concen: 25.168 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

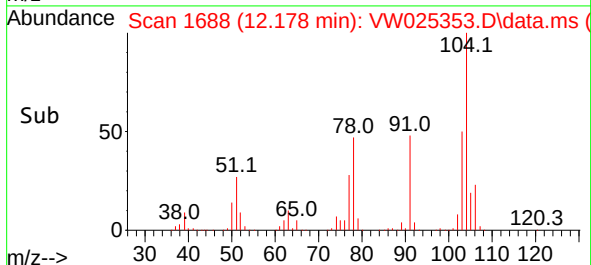
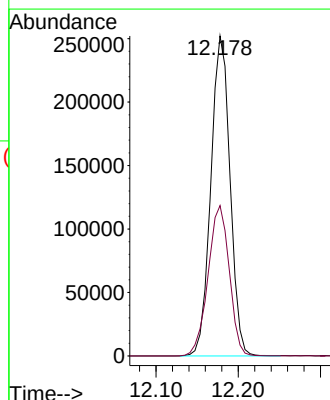
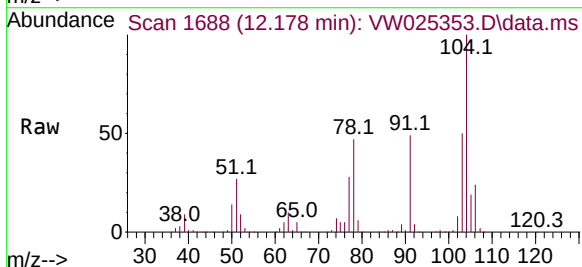
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

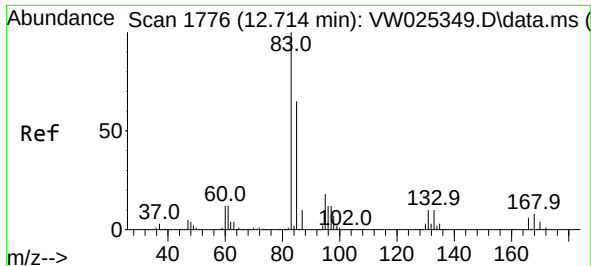
Tgt Ion:106 Resp: 236993
Ion Ratio Lower Upper
106 100
91 217.8 157.1 291.7



#55
Styrene
Concen: 25.546 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

Tgt Ion:104 Resp: 409101
Ion Ratio Lower Upper
104 100
78 47.0 36.6 68.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.324 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW025353.D

Acq: 22 Feb 2023 11:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

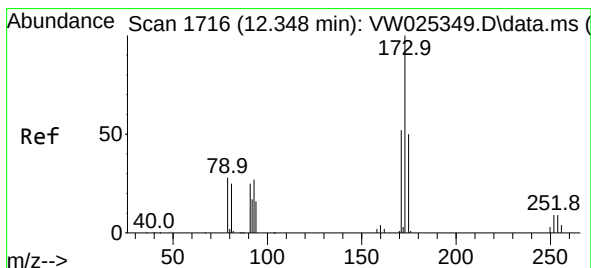
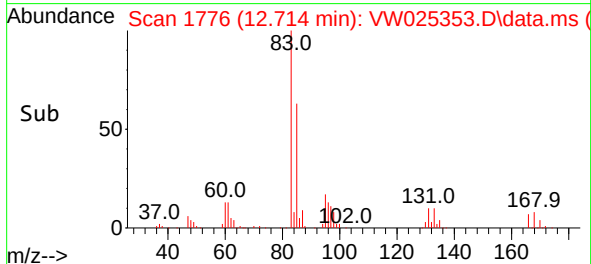
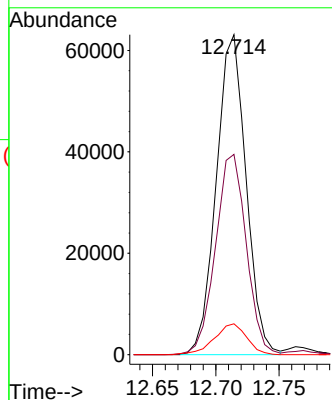
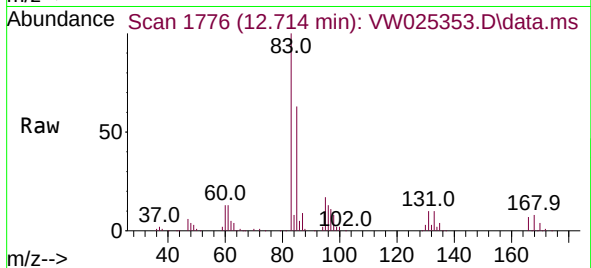
Tgt Ion: 83 Resp: 103233

Ion Ratio Lower Upper

83 100

85 62.6 45.6 84.6

131 9.6 8.2 12.2



#59

Bromoform

Concen: 22.698 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW025353.D

Acq: 22 Feb 2023 11:45

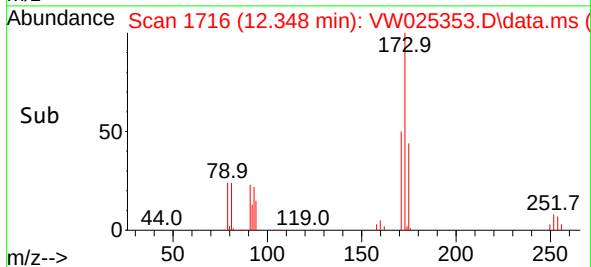
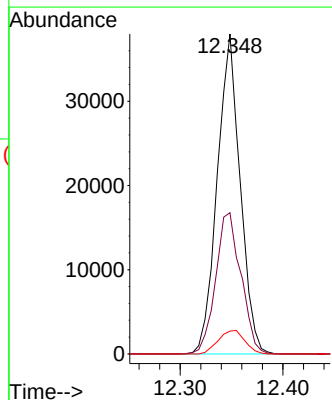
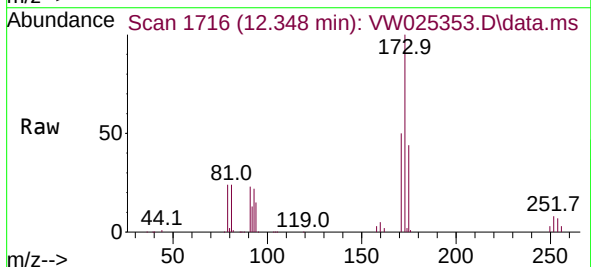
Tgt Ion: 173 Resp: 58754

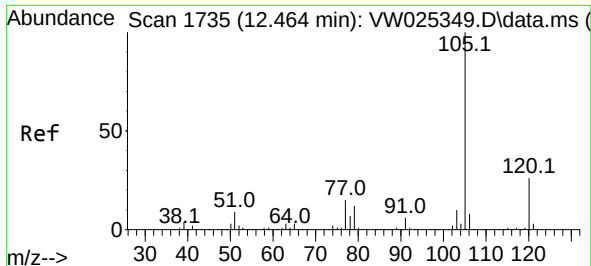
Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.6

254 8.5 7.3 10.9

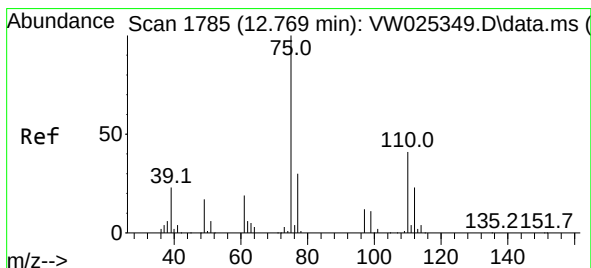
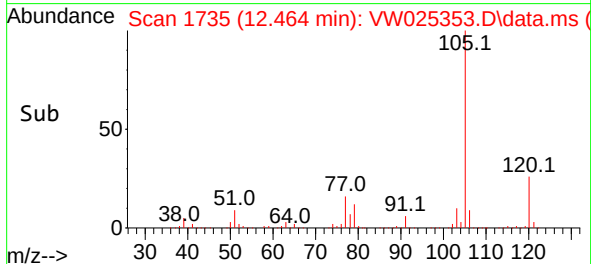
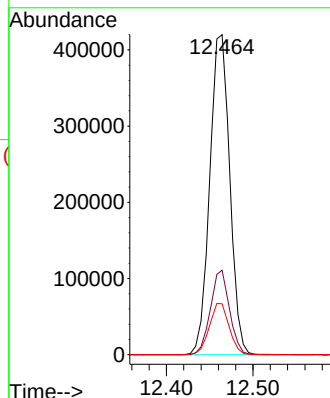
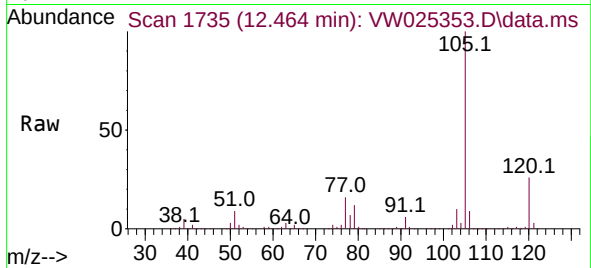




#60
Isopropylbenzene
Concen: 23.827 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

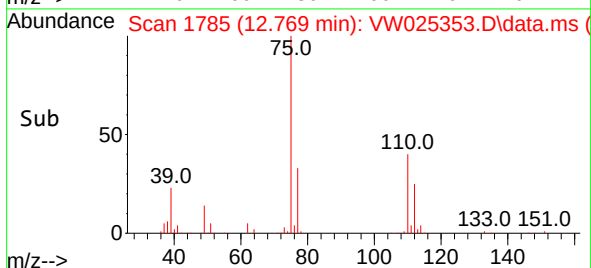
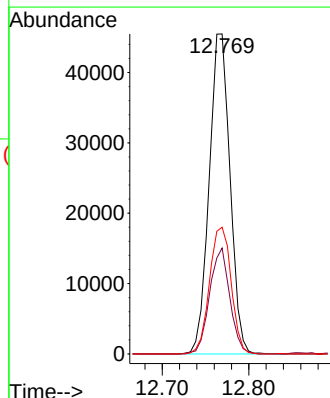
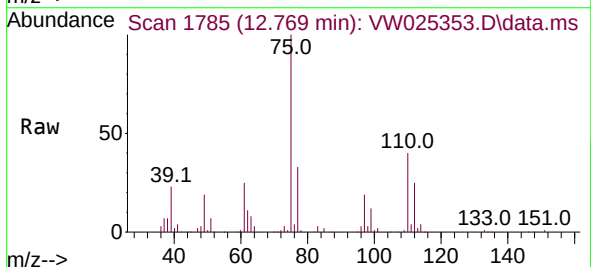
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

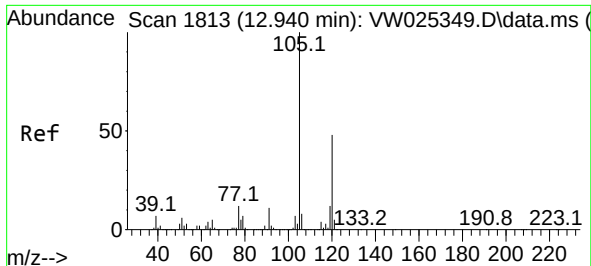
Tgt Ion:105 Resp: 673824
Ion Ratio Lower Upper
105 100
120 25.1 20.6 30.8
77 15.9 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 22.211 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

Tgt Ion: 75 Resp: 76090
Ion Ratio Lower Upper
75 100
77 32.1 26.3 39.5
110 41.2 32.6 49.0

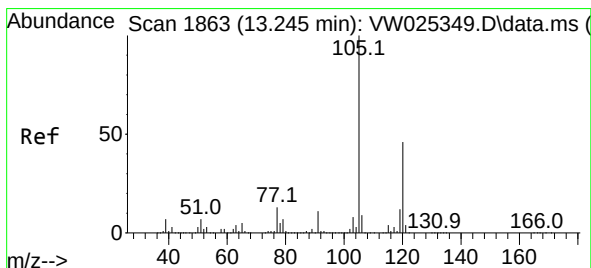
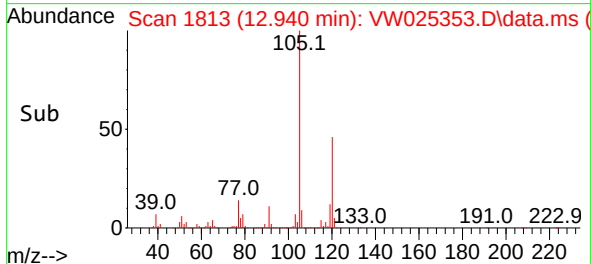
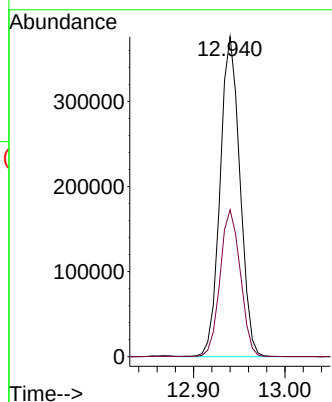
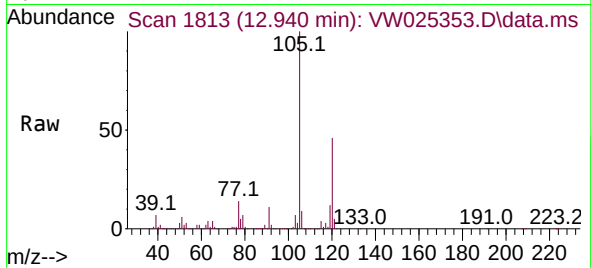




#62
1,3,5-Trimethylbenzene
Concen: 25.016 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

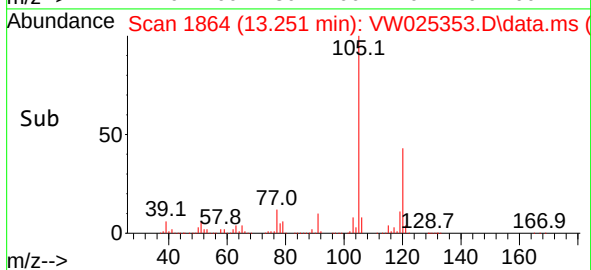
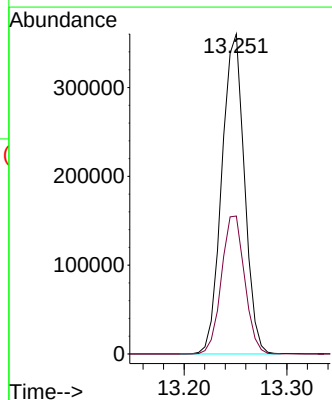
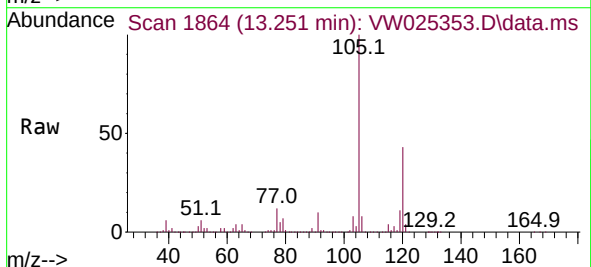
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

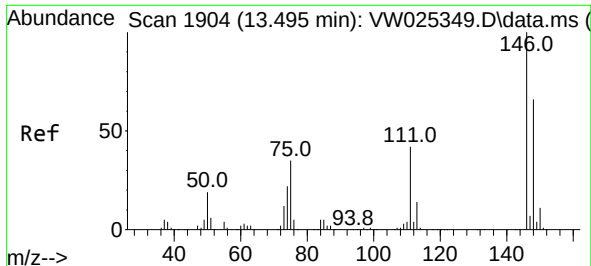
Tgt Ion:105 Resp: 568171
Ion Ratio Lower Upper
105 100
120 46.8 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 25.595 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

Tgt Ion:105 Resp: 550273
Ion Ratio Lower Upper
105 100
120 44.2 35.6 53.4

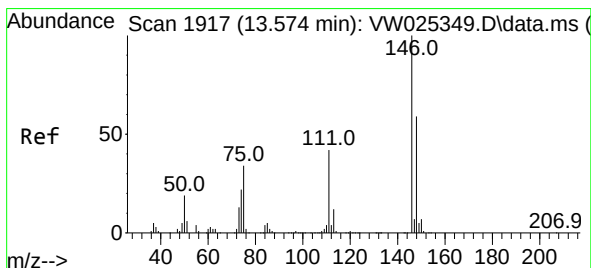
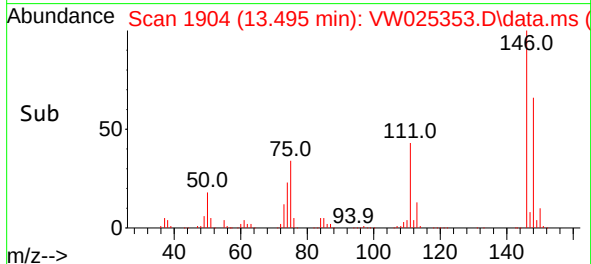
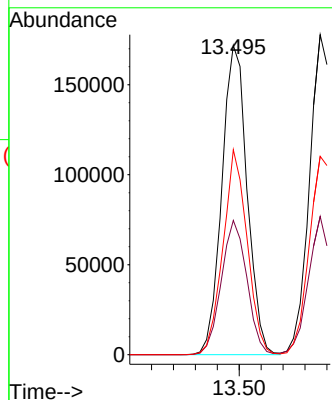
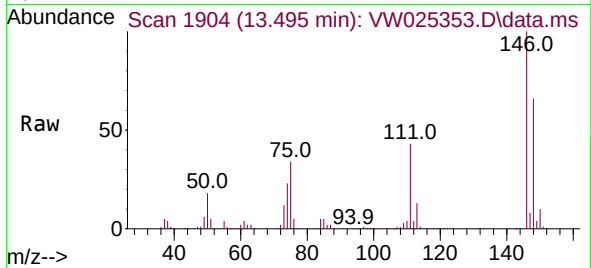




#64
1,3-Dichlorobenzene
Concen: 24.916 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

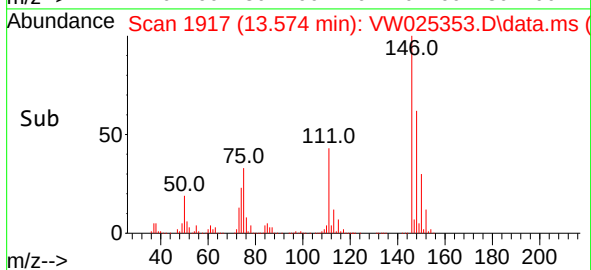
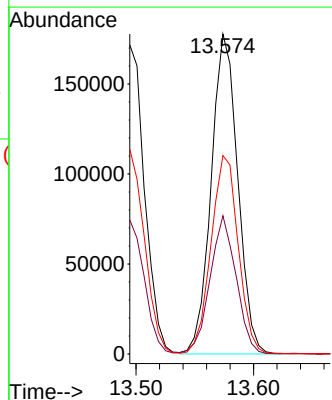
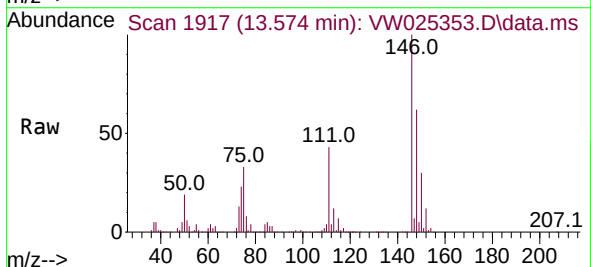
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

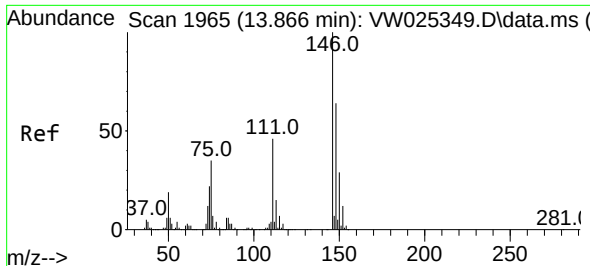
Tgt Ion:146 Resp: 275532
Ion Ratio Lower Upper
146 100
111 43.4 29.5 54.7
148 66.3 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 25.188 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

Tgt Ion:146 Resp: 279240
Ion Ratio Lower Upper
146 100
111 43.2 29.8 55.3
148 62.0 41.7 77.5





#67

1,2-Dichlorobenzene

Concen: 24.021 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025353.D

Acq: 22 Feb 2023 11:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

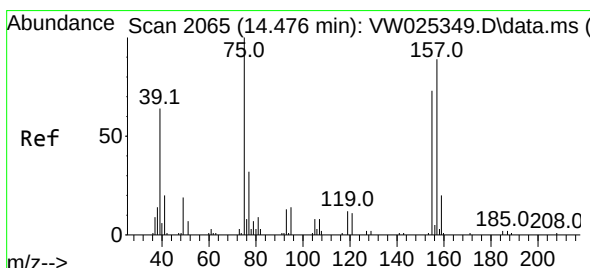
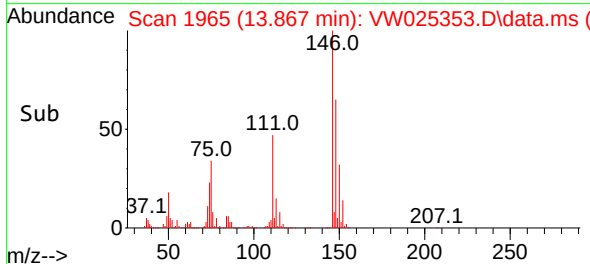
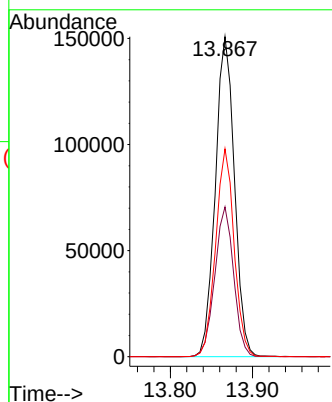
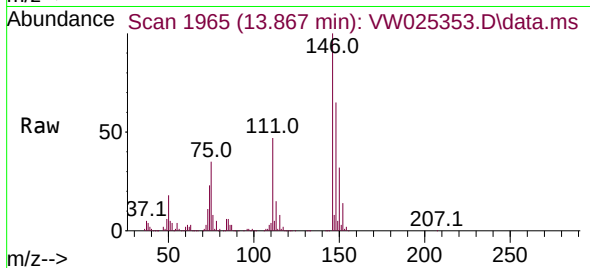
Tgt Ion:146 Resp: 243592

Ion Ratio Lower Upper

146 100

111 46.8 36.5 54.7

148 64.9 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 20.509 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW025353.D

Acq: 22 Feb 2023 11:45

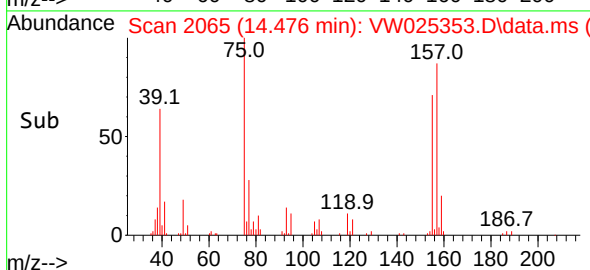
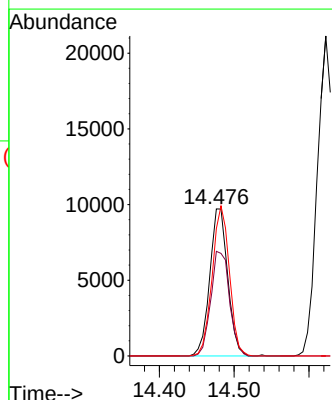
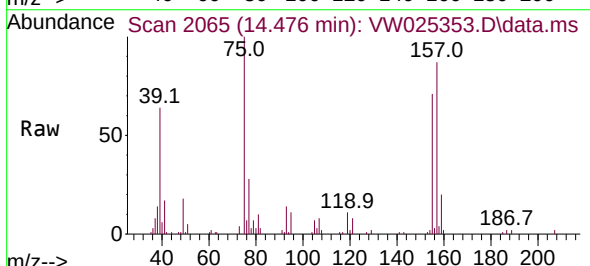
Tgt Ion: 75 Resp: 16234

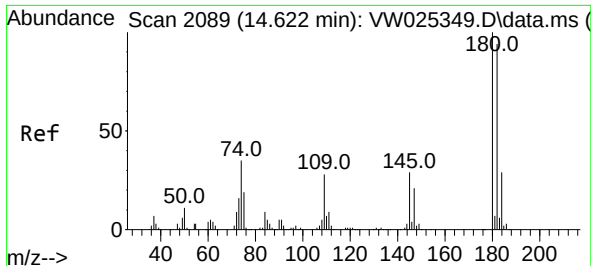
Ion Ratio Lower Upper

75 100

155 71.2 58.6 87.8

157 86.5 71.4 107.0





#69

1,3,5-Trichlorobenzene

Concen: 21.822 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025353.D

Acq: 22 Feb 2023 11:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

Tgt Ion:180 Resp: 165172

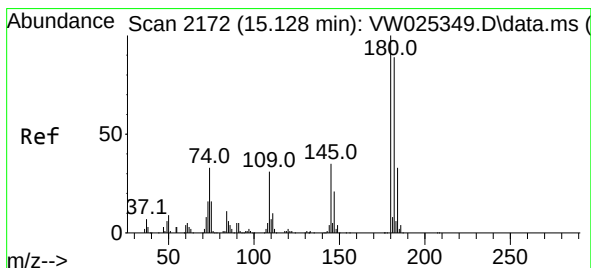
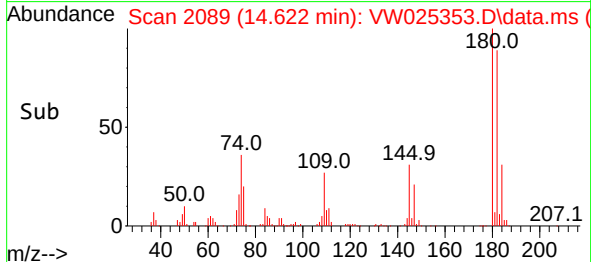
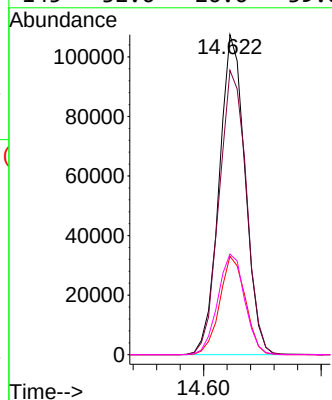
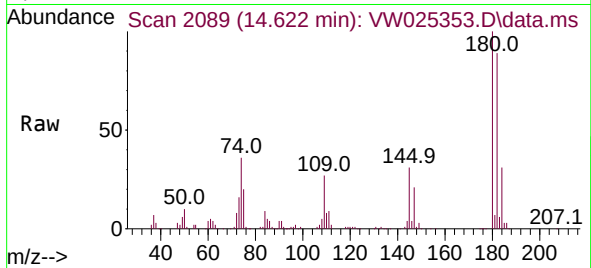
Ion Ratio Lower Upper

180 100

182 93.0 76.5 114.7

184 30.3 25.2 37.8

145 32.6 26.6 39.8



#70

1,2,4-trichlorobenzene

Concen: 23.627 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025353.D

Acq: 22 Feb 2023 11:45

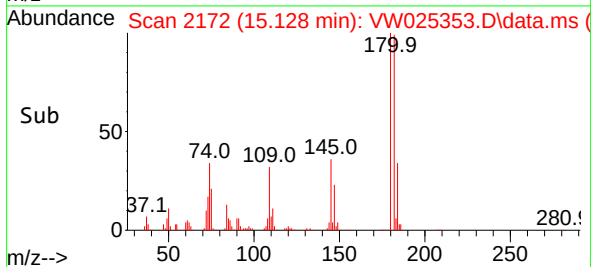
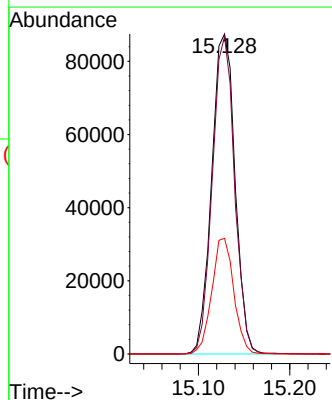
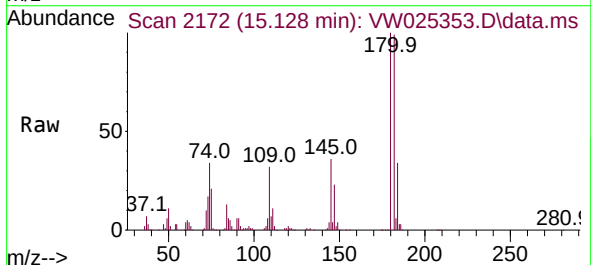
Tgt Ion:180 Resp: 155179

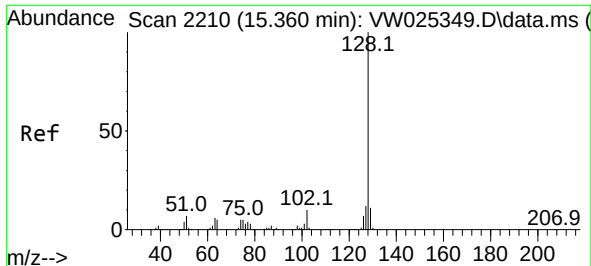
Ion Ratio Lower Upper

180 100

182 94.3 72.6 109.0

145 34.1 26.4 39.6

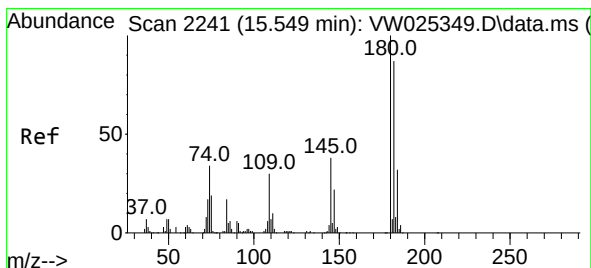
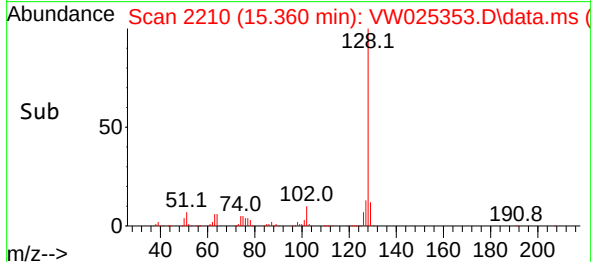
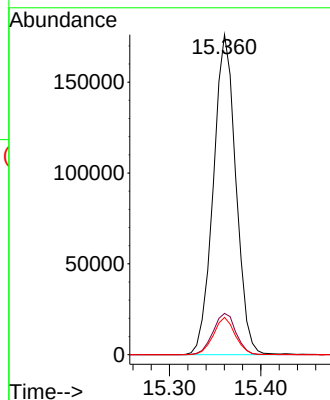
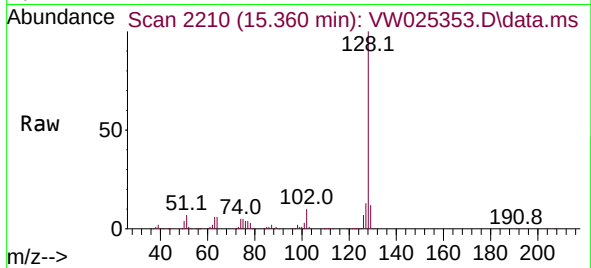




#71
Naphthalene
Concen: 23.899 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

Tgt Ion:128 Resp: 301818
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 11.2 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 24.267 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW025353.D
Acq: 22 Feb 2023 11:45

Tgt Ion:180 Resp: 135361
Ion Ratio Lower Upper
180 100
182 96.8 76.6 115.0
145 35.5 29.3 43.9

