

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020923\
 Data File : VW025324.D
 Acq On : 09 Feb 2023 12:35
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

Quant Time: Feb 10 00:30:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 07 20:11:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	386443	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	343763	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	172787	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	77524	20.731	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.920%
7) Chloroethane-d5	2.899	69	69849	21.036	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.160%
11) 1,1-Dichloroethene-d2	4.027	63	214810	20.716	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.880%
21) 2-Butanone-d5	7.081	46	47796	49.235	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.460%
24) Chloroform-d	7.648	84	238785	23.575	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.280%
26) 1,2-Dichloroethane-d4	8.307	65	118712	24.061	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.240%
32) Benzene-d6	8.276	84	453812	21.781	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.120%
36) 1,2-Dichloropropane-d6	9.270	67	132805	21.785	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.160%
41) Toluene-d8	10.325	98	418156	22.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	10.575	79	54865	24.086	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.360%
47) 2-Hexanone-d5	10.922	63	37547	54.934	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	97342	23.481	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	132043	22.026	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	74351	14.219	ug/L	# 88
3) Chloromethane	2.222	50	109034	21.723	ug/L	97
5) Vinyl chloride	2.375	62	122929	24.047	ug/L	96
6) Bromomethane	2.789	94	81661	23.331	ug/L	100
8) Chloroethane	2.936	64	74849	23.455	ug/L	93
9) Trichlorofluoromethane	3.271	101	138189	18.793	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	132256	24.805	ug/L	98
12) 1,1-Dichloroethene	4.045	96	121763	23.006	ug/L	99
13) Acetone	4.118	43	41104	38.400	ug/L	97
14) Carbon disulfide	4.393	76	383299	22.161	ug/L	99
15) Methyl Acetate	4.673	43	44760	24.438	ug/L	98
16) Methylene chloride	4.923	84	134810	20.493	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	130334	22.930	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	189236	23.159	ug/L	100
19) 1,1-Dichloroethane	6.222	63	248253	24.528	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	146390	24.528	ug/L	98
22) 2-Butanone	7.167	43	57346	44.055	ug/L	99
23) Bromochloromethane	7.514	128	61062	24.839	ug/L	92
25) Chloroform	7.673	83	257969	24.779	ug/L	97

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 Response via : Initial Calibration

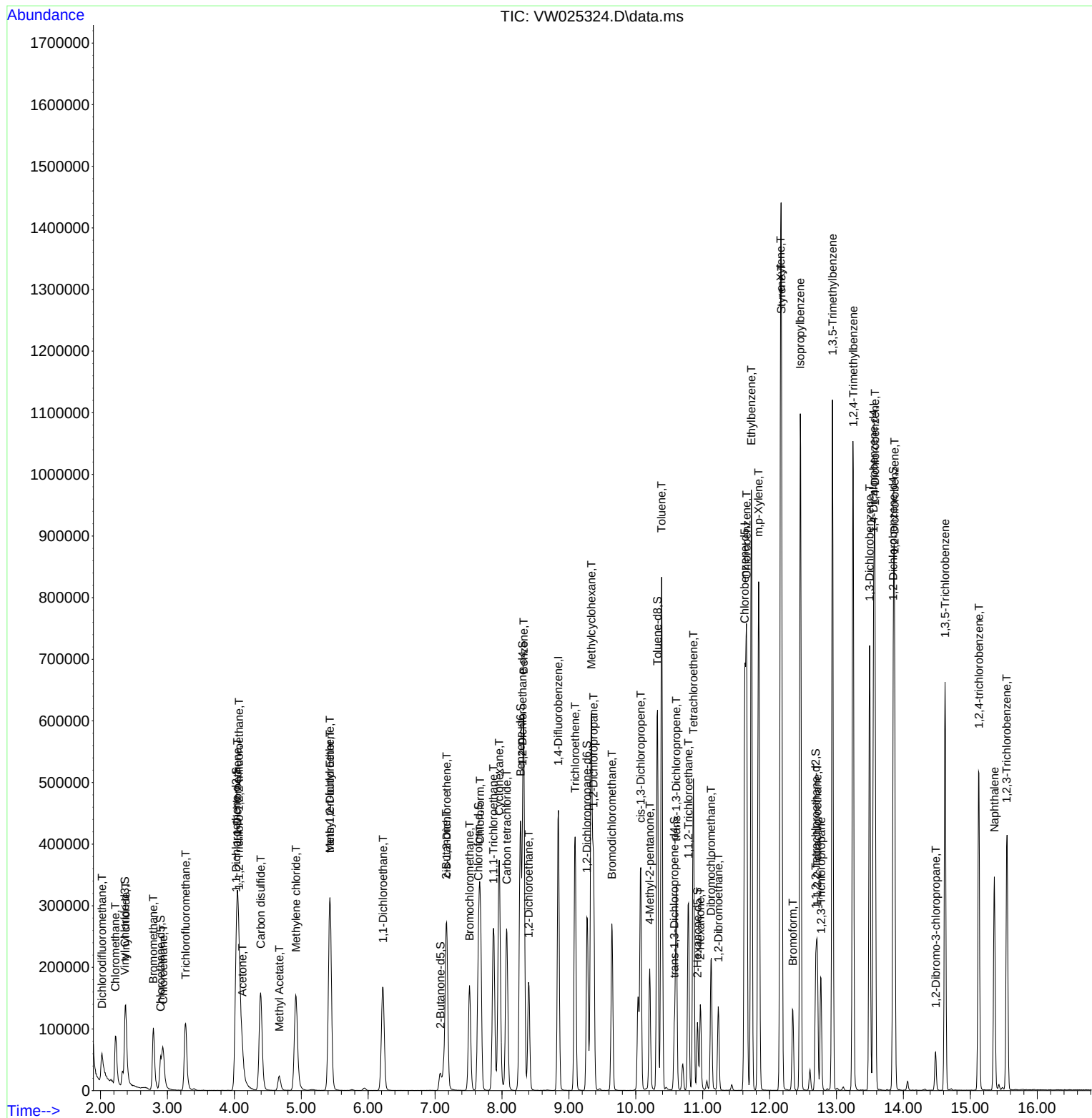
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	163888	25.847	ug/L	99
29) Cyclohexane	7.959	56	214139	21.631	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	224777	23.052	ug/L	100
31) Carbon tetrachloride	8.069	117	207458	23.003	ug/L	99
33) Benzene	8.325	78	553947	23.286	ug/L	100
34) Trichloroethene	9.093	95	148972	22.357	ug/L	98
35) Methylcyclohexane	9.337	83	252088	21.194	ug/L	99
37) 1,2-Dichloropropane	9.368	63	136612	23.284	ug/L	100
38) Bromodichloromethane	9.642	83	185263	23.747	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	221138	23.019	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	122357	47.231	ug/L	100
42) Toluene	10.386	91	602513	25.469	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	182885	26.707	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	99668	26.954	ug/L	96
46) Tetrachloroethene	10.861	164	108913	25.576	ug/L	89
48) 2-Hexanone	10.965	43	82951	50.720	ug/L	100
49) Dibromochloromethane	11.123	129	114493	27.414	ug/L	99
50) 1,2-Dibromoethane	11.233	107	93018	27.460	ug/L	93
51) Chlorobenzene	11.654	112	380466	24.438	ug/L	96
52) Ethylbenzene	11.727	91	687518	24.256	ug/L	99
53) m,p-Xylene	11.837	106	264922	24.662	ug/L	95
54) o-Xylene	12.166	106	249984	23.117	ug/L	97
55) Styrene	12.178	104	422513	23.076	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.714	83	105720	23.995	ug/L	96
59) Bromoform	12.349	173	61326	25.016	ug/L	98
60) Isopropylbenzene	12.458	105	702012	23.990	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	76869	25.021	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	584022	24.756	ug/L	97
63) 1,2,4-Trimethylbenzene	13.251	105	574734	24.314	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	289602	23.887	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	294592	24.624	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	259592	24.847	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	16743	23.334	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	192242	24.384	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	157104	24.472	ug/L	98
71) Naphthalene	15.360	128	289234	24.646	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	133904	24.292	ug/L	100

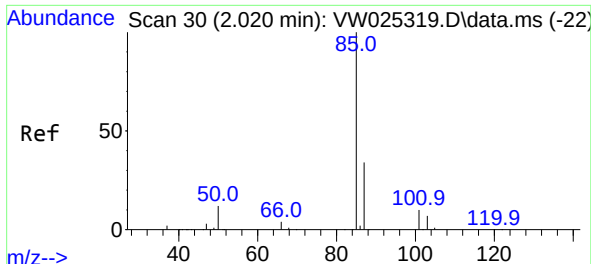
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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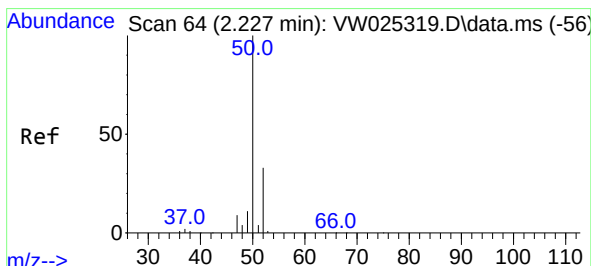
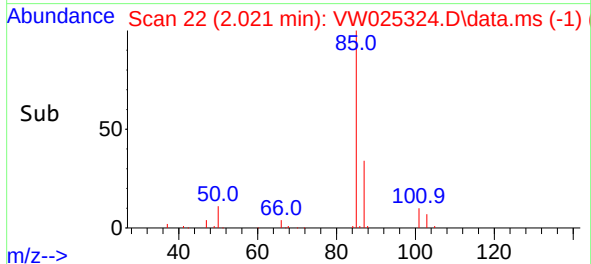
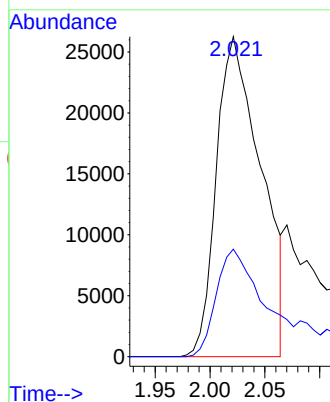
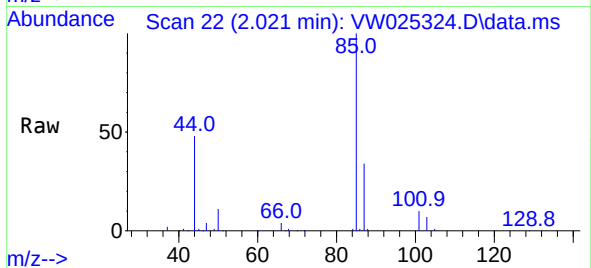




#2
Dichlorodifluoromethane
Concen: 14.219 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

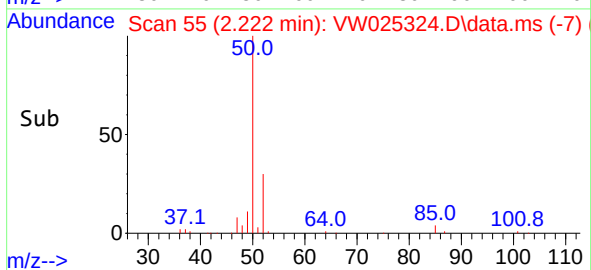
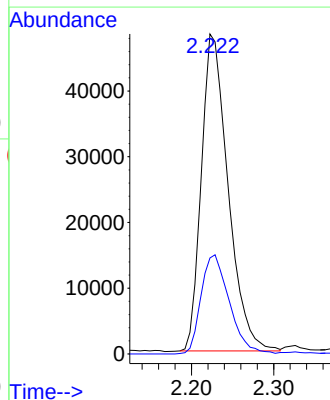
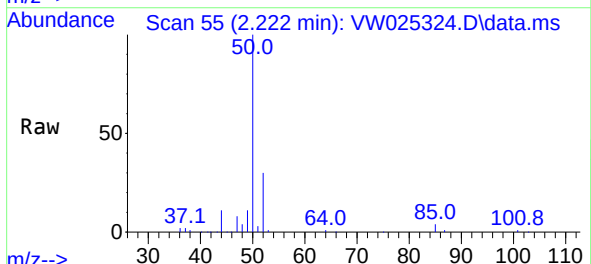
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MSVOA_W
ClientSampleId :
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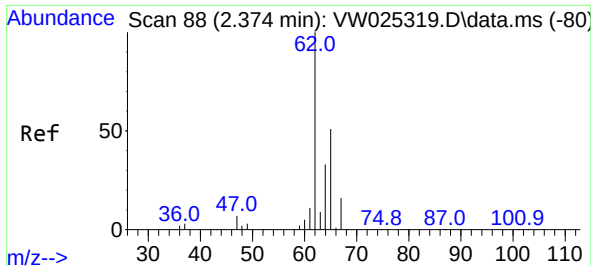
Tgt Ion: 85 Resp: 74351
Ion Ratio Lower Upper
85 100
87 35.5 23.3 34.9#



#3
Chloromethane
Concen: 21.723 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.004 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Tgt Ion: 50 Resp: 109034
Ion Ratio Lower Upper
50 100
52 30.0 22.0 40.8

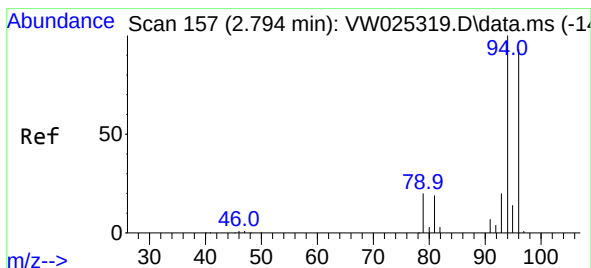
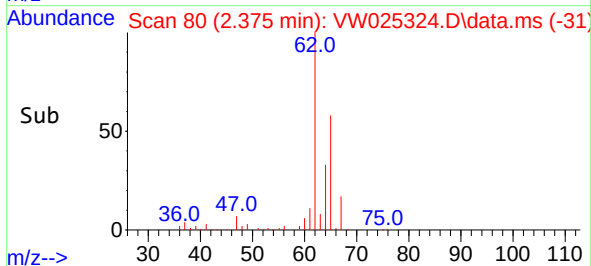
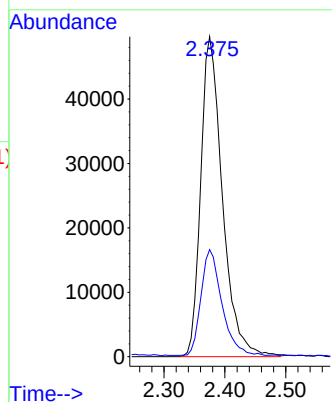
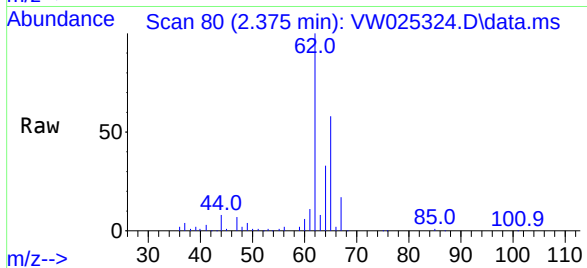




#5
 Vinyl chloride
 Concen: 24.047 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.002 min
 Lab File: VW025324.D
 Acq: 09 Feb 2023 12:35

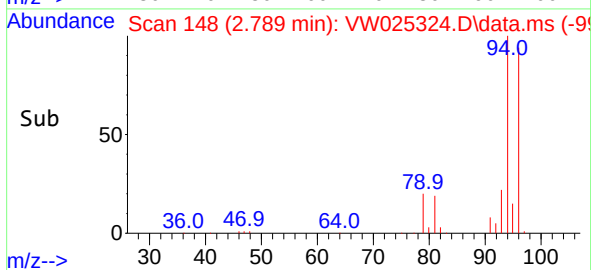
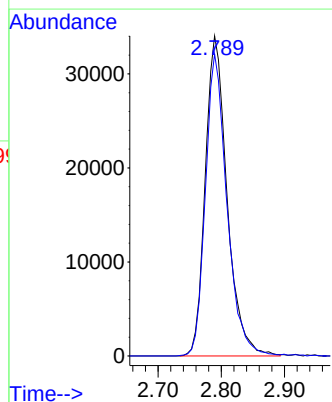
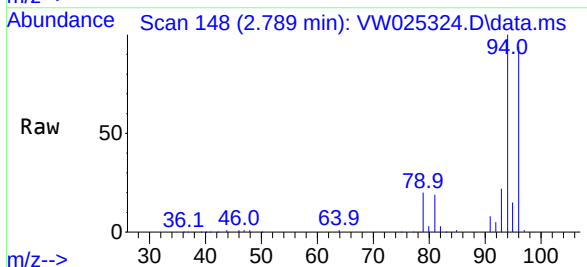
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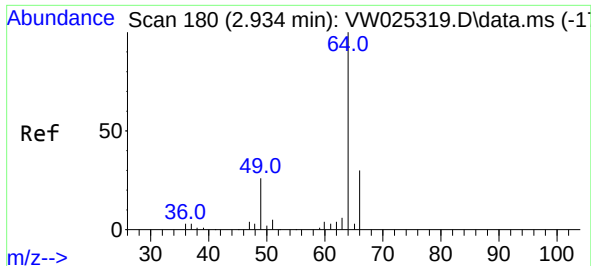
Tgt Ion: 62 Resp: 122929
 Ion Ratio Lower Upper
 62 100
 64 33.5 21.8 40.6



#6
 Bromomethane
 Concen: 23.331 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.002 min
 Lab File: VW025324.D
 Acq: 09 Feb 2023 12:35

Tgt Ion: 94 Resp: 81661
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.3 123.1

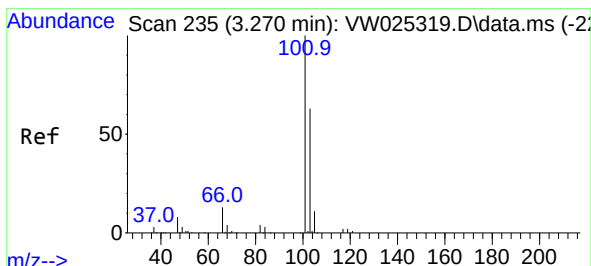
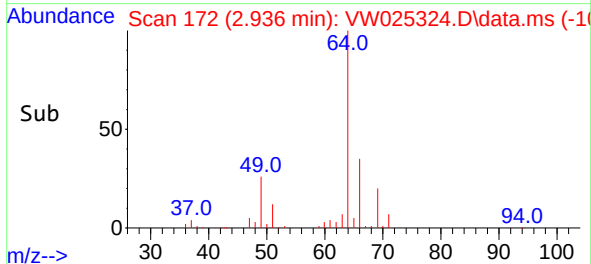
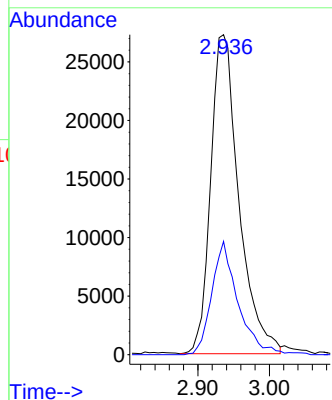
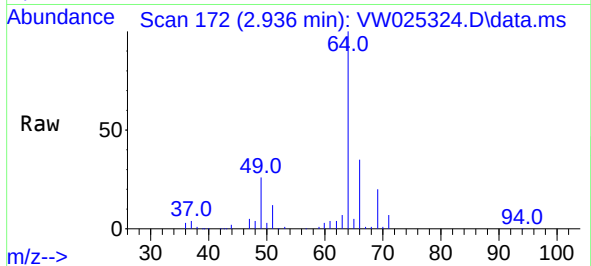




#8
Chloroethane
Concen: 23.455 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

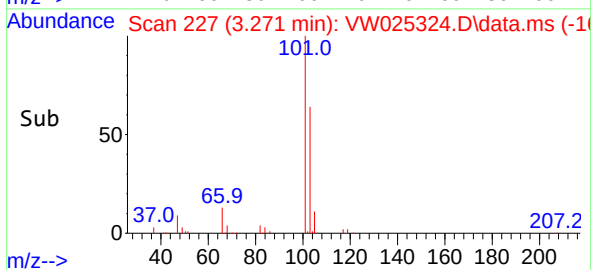
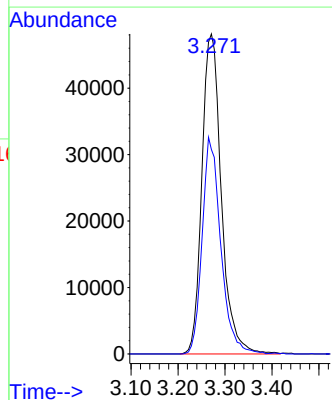
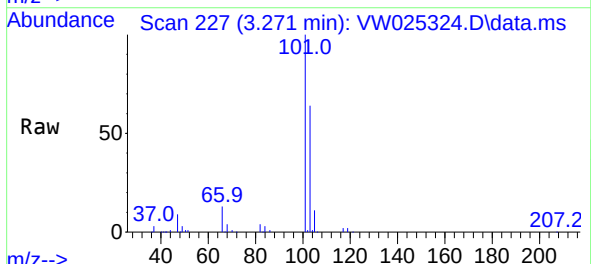
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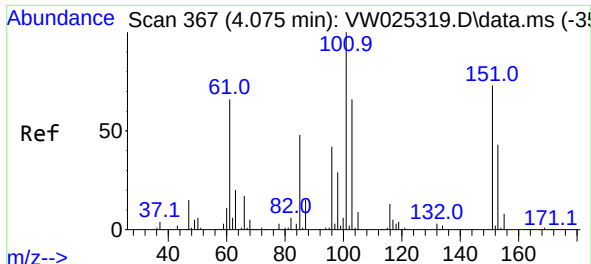
Tgt Ion: 64 Resp: 74849
Ion Ratio Lower Upper
64 100
66 35.4 21.9 40.7



#9
Trichlorofluoromethane
Concen: 18.793 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Tgt Ion:101 Resp: 138189
Ion Ratio Lower Upper
101 100
103 64.8 52.4 78.6

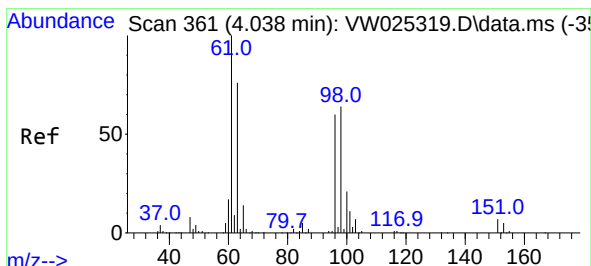
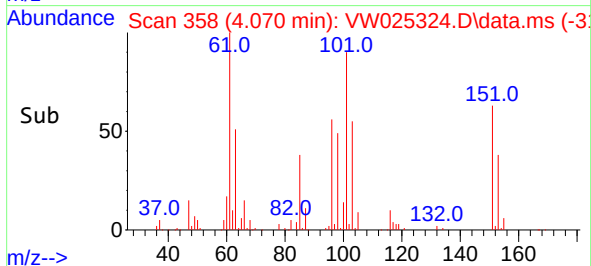
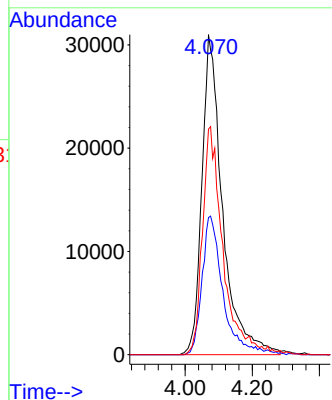
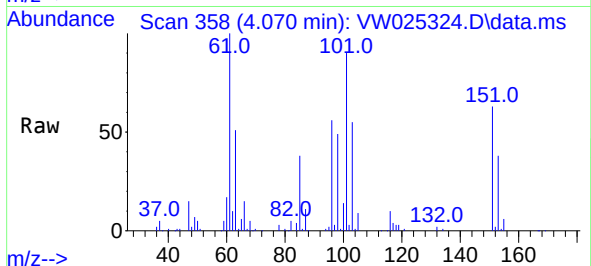




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.805 ug/L
 RT: 4.070 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VW025324.D
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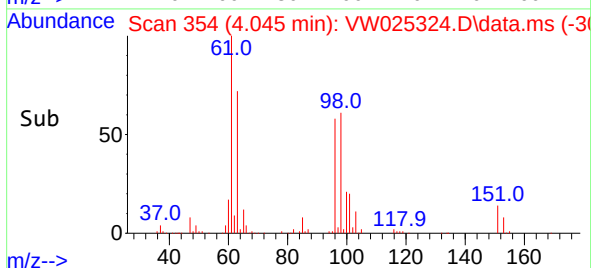
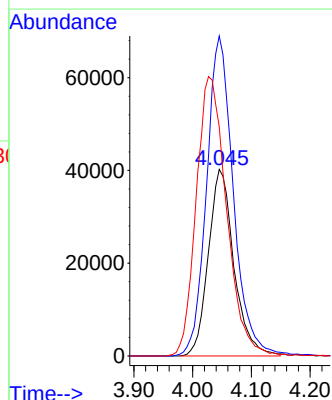
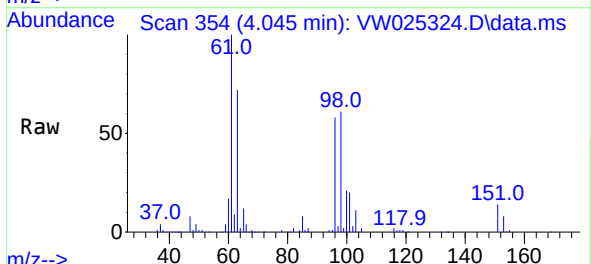
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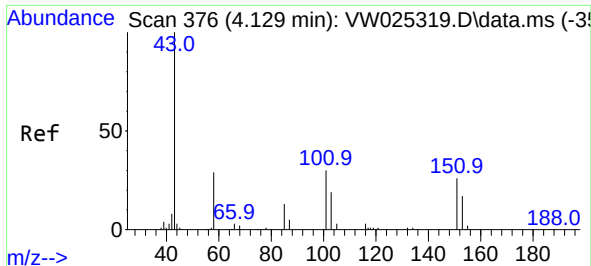
Tgt Ion:101 Resp: 132256
 Ion Ratio Lower Upper
 101 100
 85 39.9 32.8 49.2
 151 67.2 54.7 82.1



#12
 1,1-Dichloroethene
 Concen: 23.006 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.002 min
 Lab File: VW025324.D
 Acq: 09 Feb 2023 12:35

Tgt Ion: 96 Resp: 121763
 Ion Ratio Lower Upper
 96 100
 61 171.6 120.8 224.4
 63 123.0 85.7 159.1

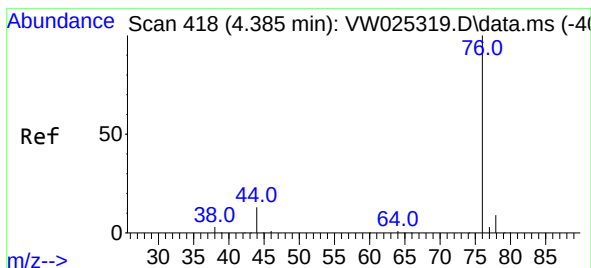
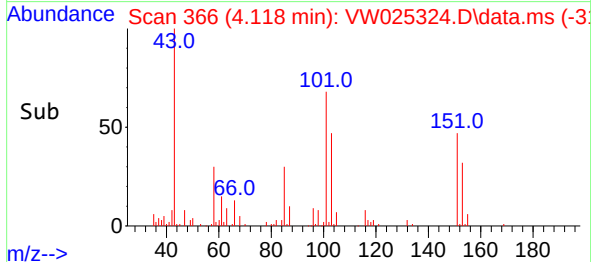
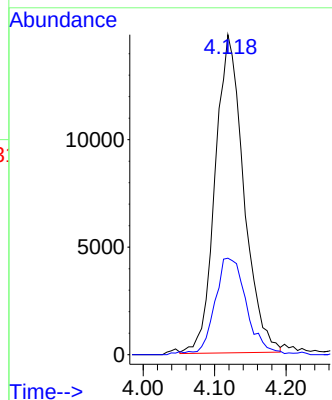
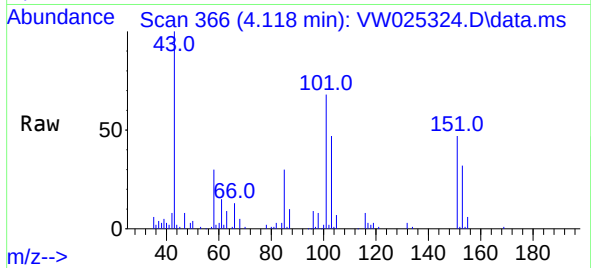




#13
Acetone
Concen: 38.400 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.010 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

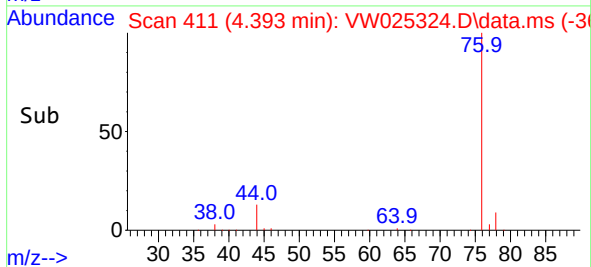
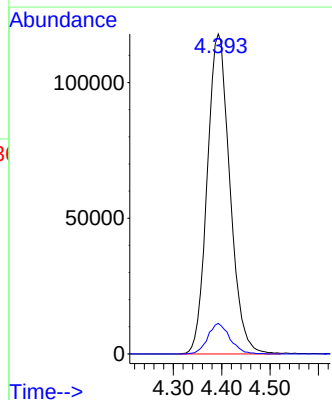
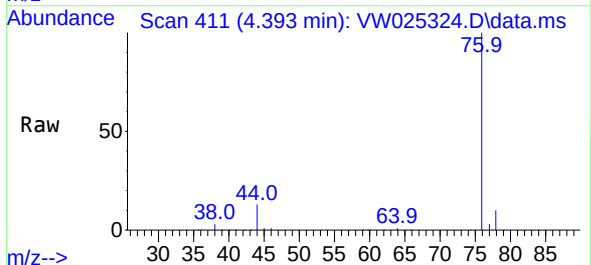
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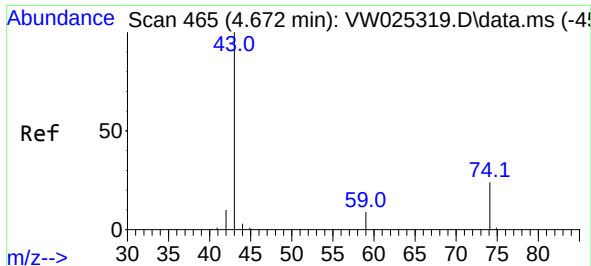
Tgt Ion: 43 Resp: 41104
Ion Ratio Lower Upper
43 100
58 33.1 0.0 63.0



#14
Carbon disulfide
Concen: 22.161 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.008 min
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Tgt Ion: 76 Resp: 383299
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

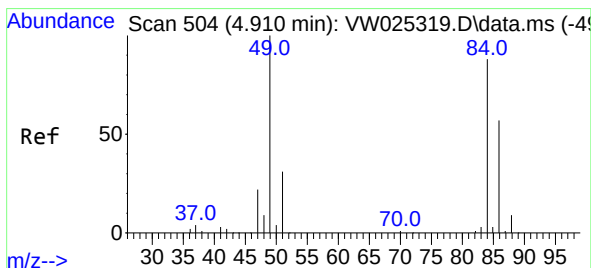
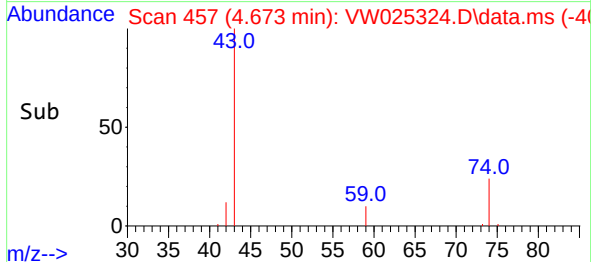
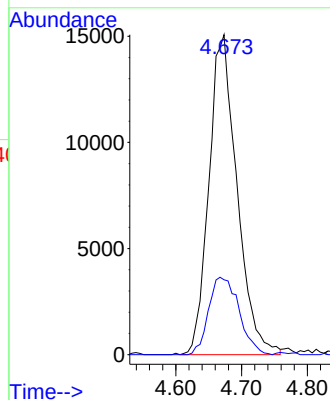
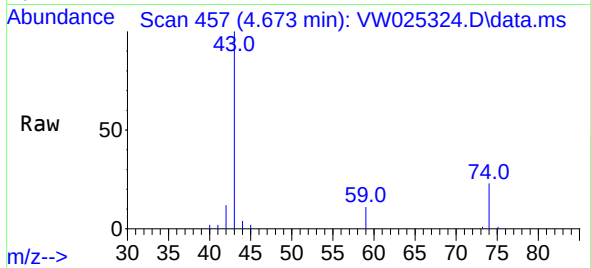




#15
Methyl Acetate
Concen: 24.438 ug/L
RT: 4.673 min Scan# 418
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

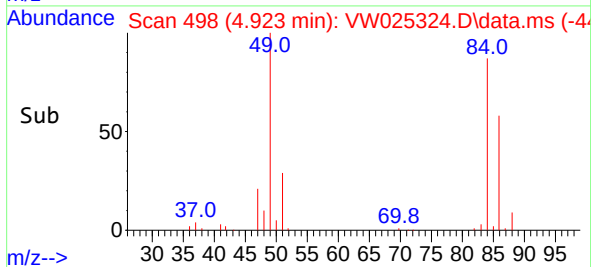
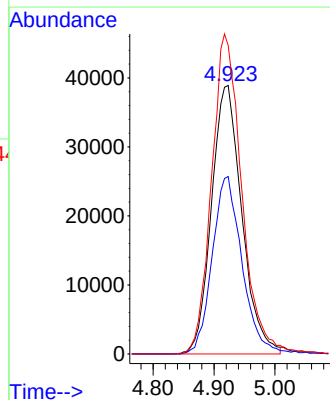
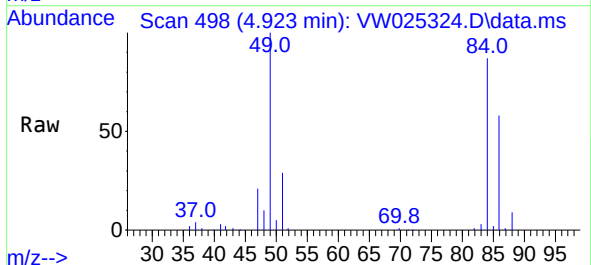
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

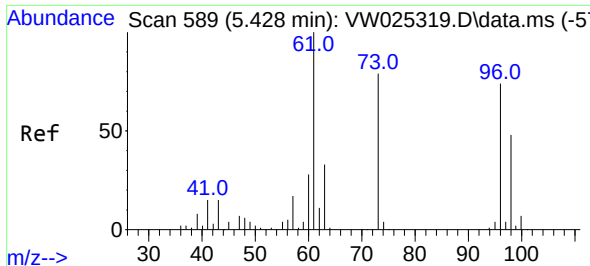
Tgt Ion: 43 Resp: 44760
Ion Ratio Lower Upper
43 100
74 26.2 20.2 30.2



#16
Methylene chloride
Concen: 20.493 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.008 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Tgt Ion: 84 Resp: 134810
Ion Ratio Lower Upper
84 100
86 66.1 47.2 87.6
49 114.9 86.5 160.7

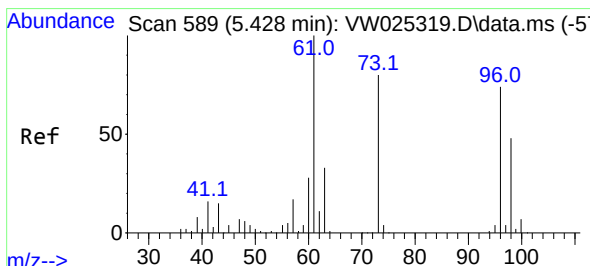
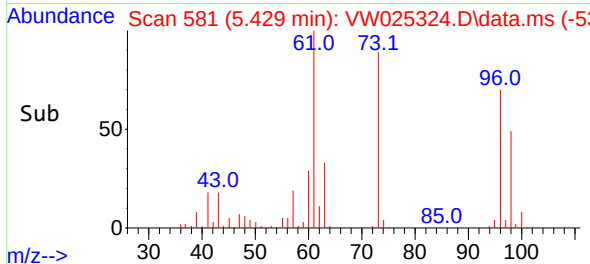
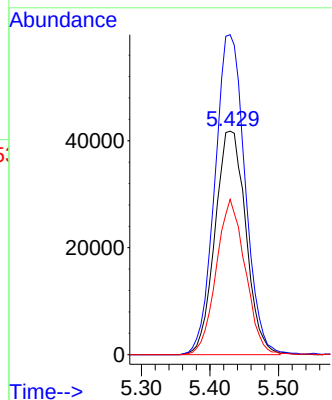
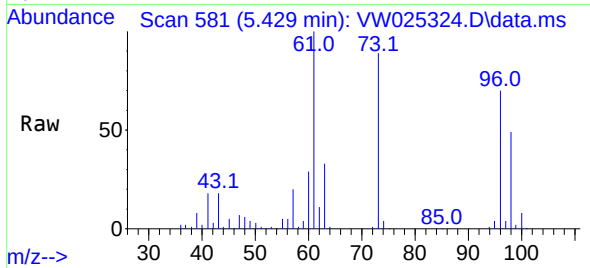




#17
trans-1,2-Dichloroethene
Concen: 22.930 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

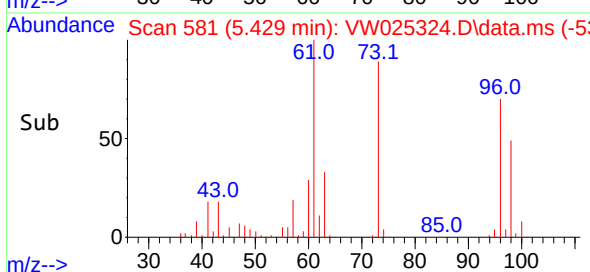
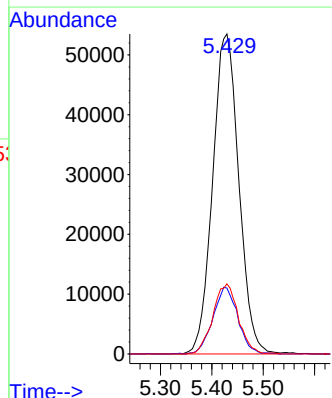
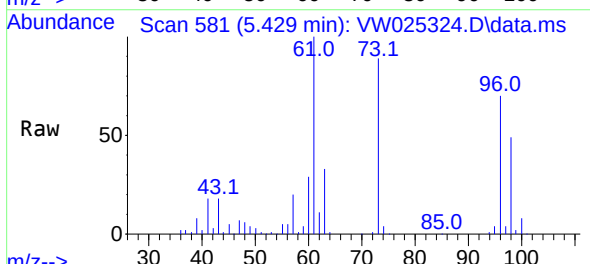
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

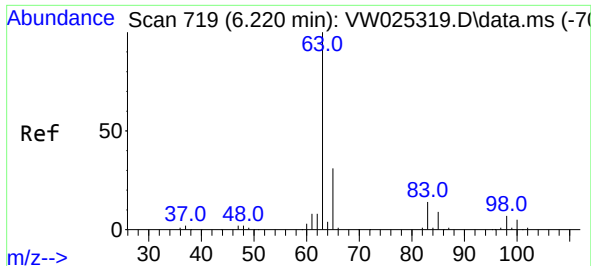
Tgt Ion: 96 Resp: 130334
Ion Ratio Lower Upper
96 100
61 143.2 98.4 182.8
98 69.5 43.5 80.9



#18
Methyl tert-butyl Ether
Concen: 23.159 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Tgt Ion: 73 Resp: 189236
Ion Ratio Lower Upper
73 100
43 19.7 15.8 23.6
57 21.2 17.0 25.4





#19

1,1-Dichloroethane

Concen: 24.528 ug/L

RT: 6.222 min Scan# 719

Delta R.T. 0.002 min

Lab File: VW025324.D

Acq: 09 Feb 2023 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

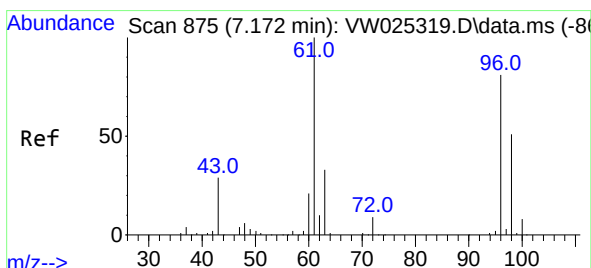
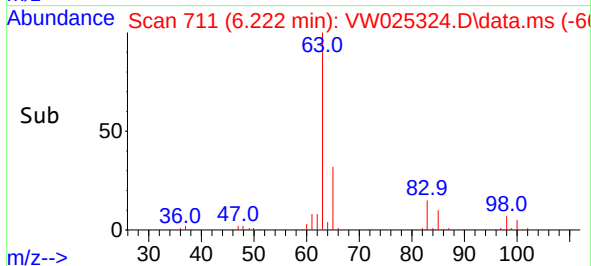
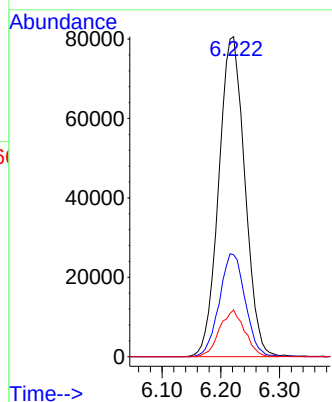
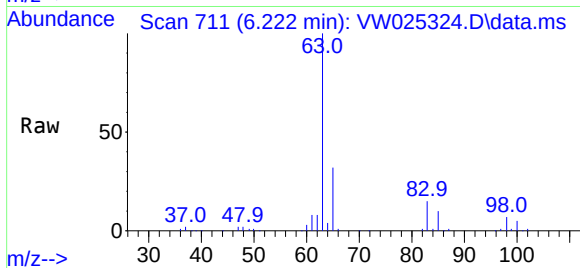
Tgt Ion: 63 Resp: 248253

Ion Ratio Lower Upper

63 100

65 31.8 22.0 41.0

83 14.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 24.528 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.002 min

Lab File: VW025324.D

Acq: 09 Feb 2023 12:35

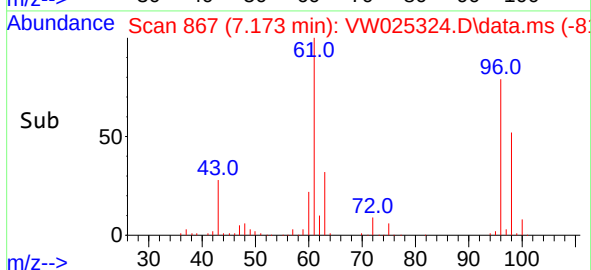
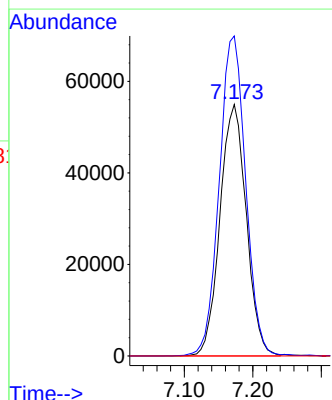
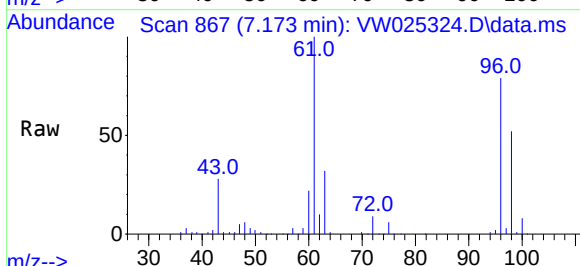
Tgt Ion: 96 Resp: 146390

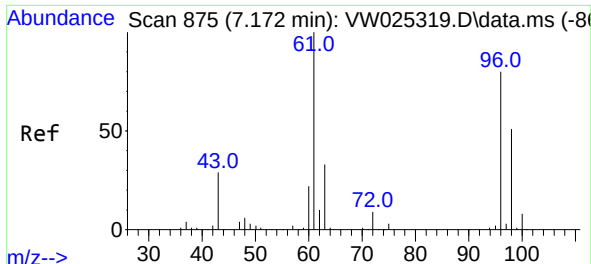
Ion Ratio Lower Upper

96 100

61 127.2 87.2 162.0

68 0.0 0.0 0.0

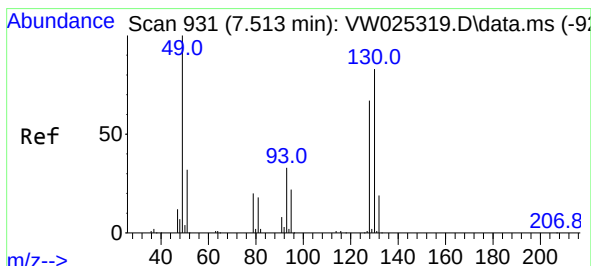
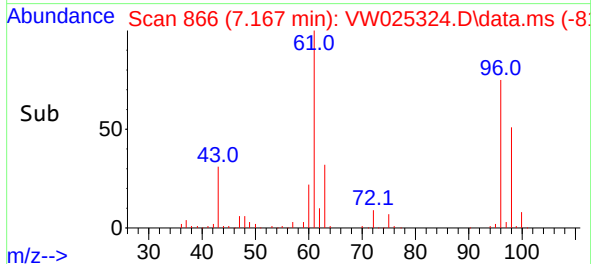
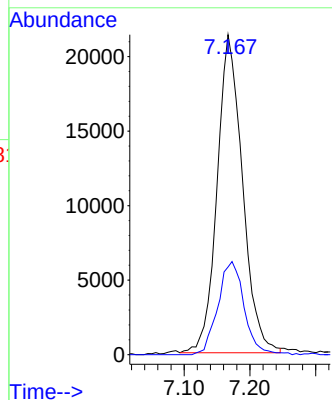
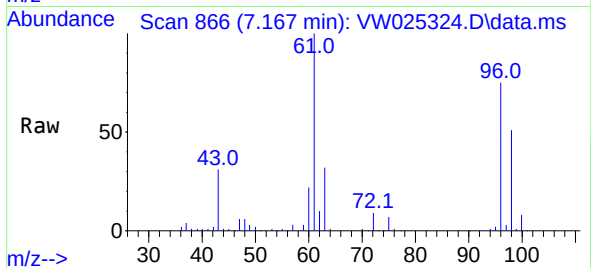




#22
2-Butanone
Concen: 44.055 ug/L
RT: 7.167 min Scan# 875
Delta R.T. -0.004 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

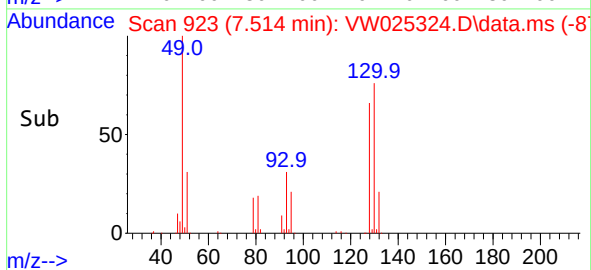
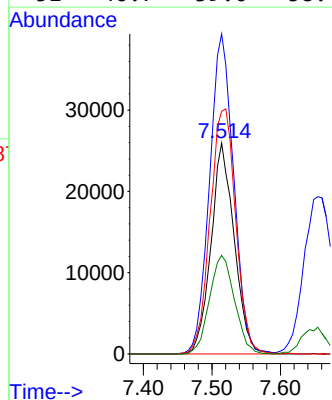
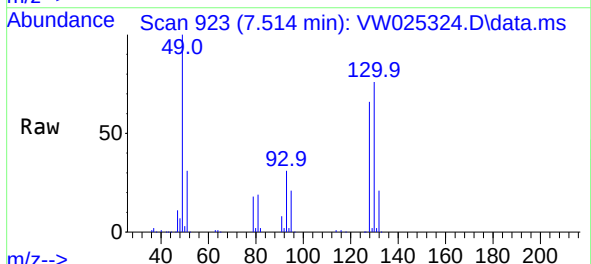
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

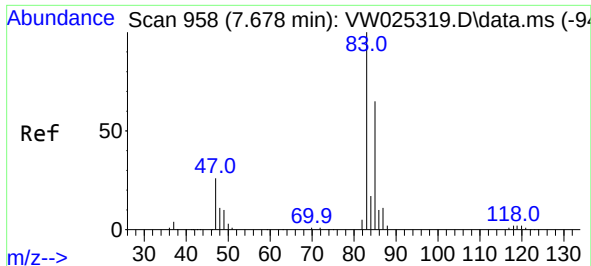
Tgt Ion: 43 Resp: 57346
Ion Ratio Lower Upper
43 100
72 30.1 15.2 45.6



#23
Bromochloromethane
Concen: 24.839 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Tgt Ion: 128 Resp: 61062
Ion Ratio Lower Upper
128 100
49 151.8 109.0 202.4
130 115.1 93.3 173.3
51 46.7 39.0 58.4

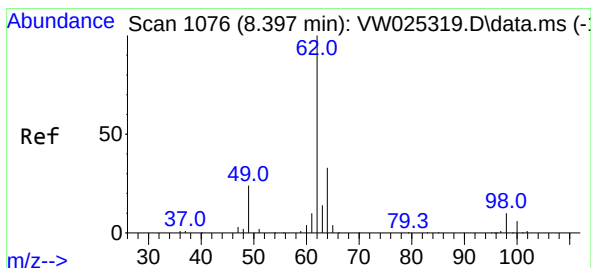
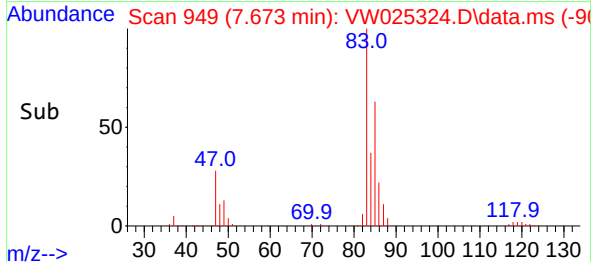
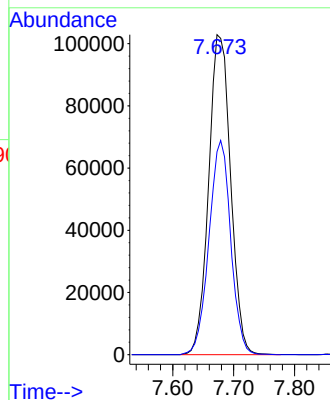
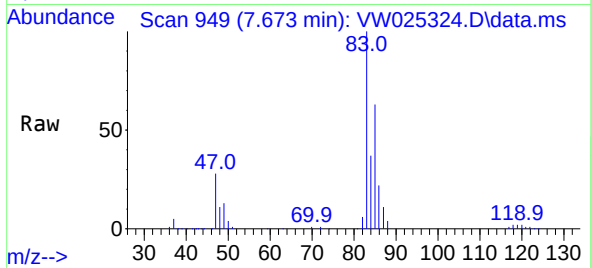




#25
Chloroform
Concen: 24.779 ug/L
RT: 7.673 min Scan# 94
Delta R.T. -0.004 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

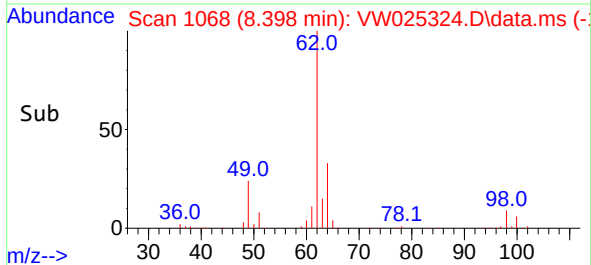
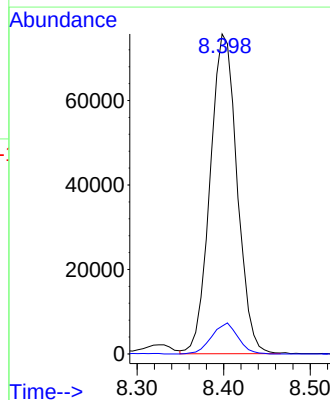
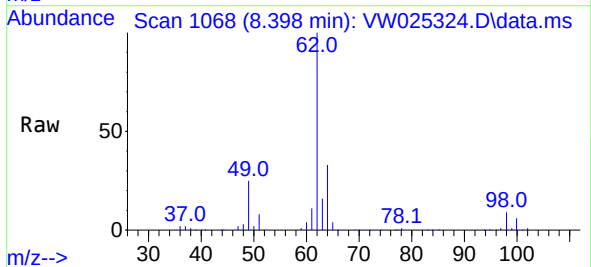
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

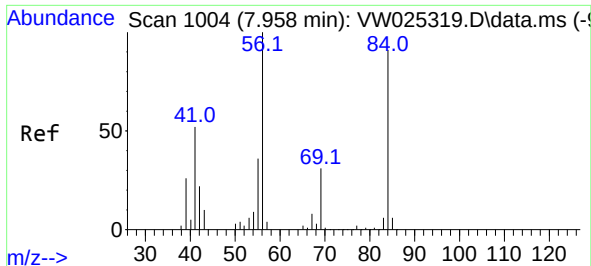
Tgt Ion: 83 Resp: 257969
Ion Ratio Lower Upper
83 100
85 63.4 45.8 85.0



#27
1,2-Dichloroethane
Concen: 25.847 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Tgt Ion: 62 Resp: 163888
Ion Ratio Lower Upper
62 100
98 8.7 7.4 11.0

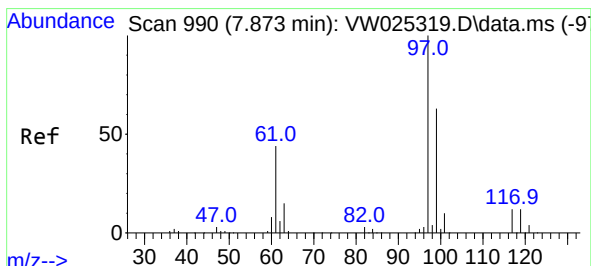
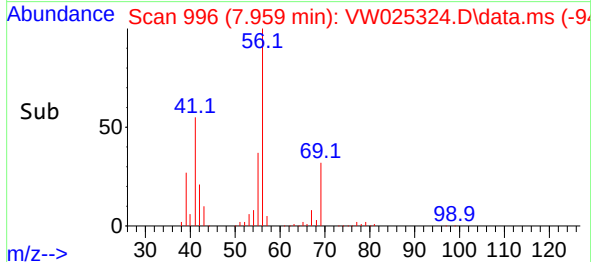
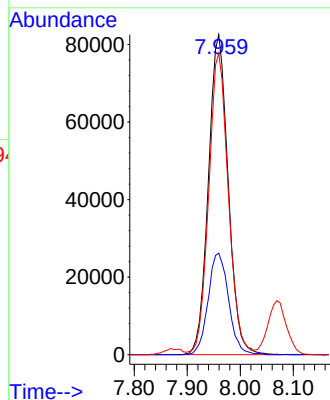
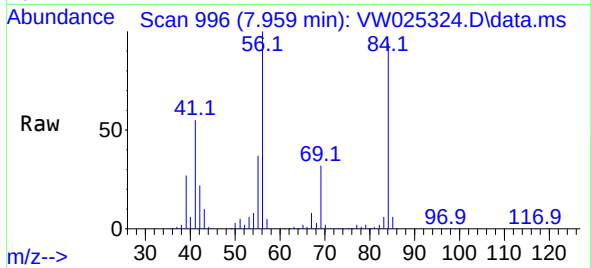




#29
Cyclohexane
Concen: 21.631 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

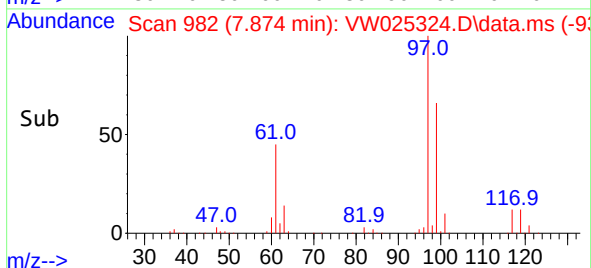
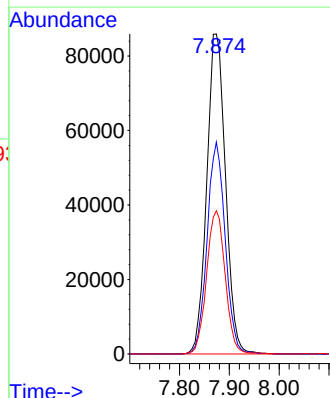
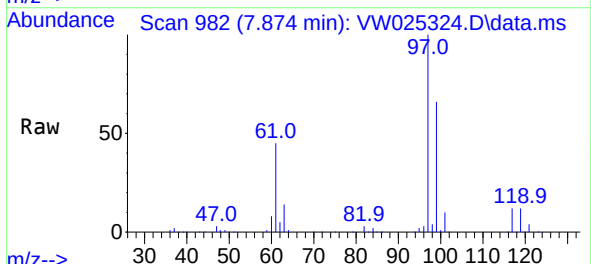
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

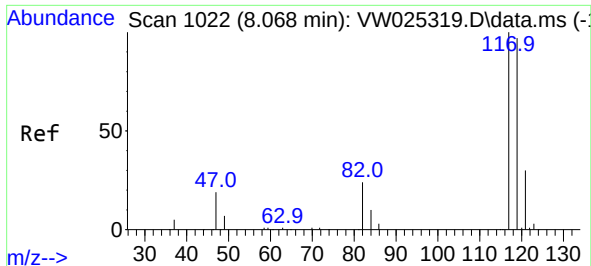
Tgt Ion: 56 Resp: 214139
Ion Ratio Lower Upper
56 100
69 32.7 25.1 37.7
84 93.0 73.2 109.8



#30
1,1,1-Trichloroethane
Concen: 23.052 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Tgt Ion: 97 Resp: 224777
Ion Ratio Lower Upper
97 100
99 63.7 51.2 76.8
61 44.3 35.0 52.6

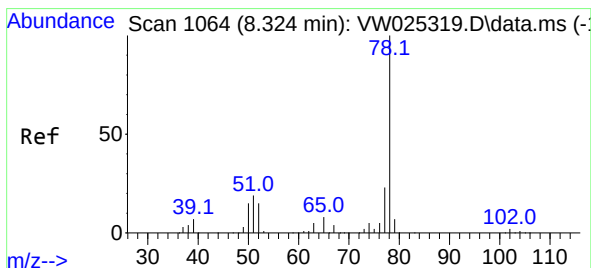
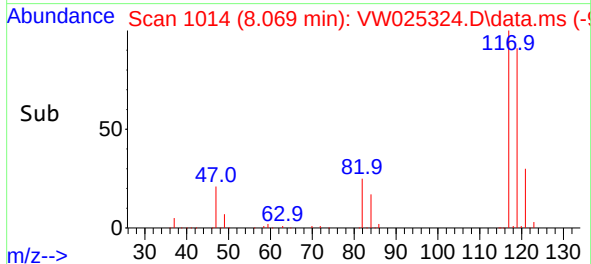
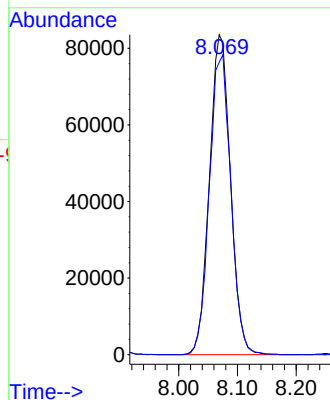
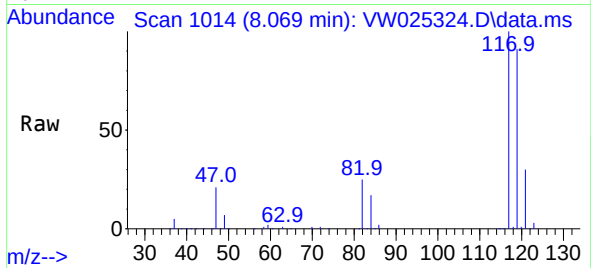




#31
Carbon tetrachloride
Concen: 23.003 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

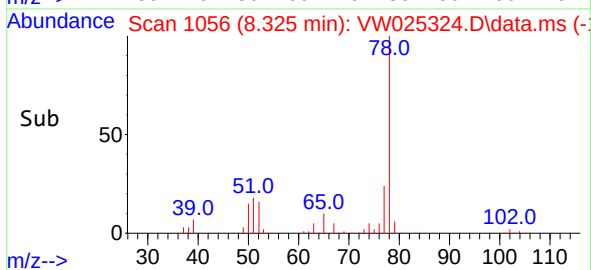
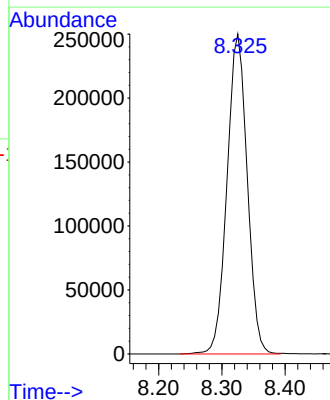
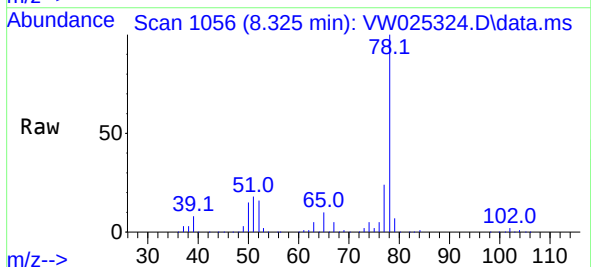
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

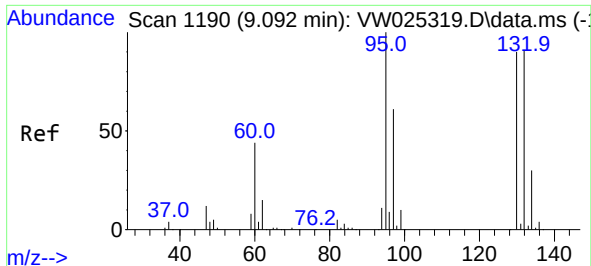
Tgt Ion:117 Resp: 207458
Ion Ratio Lower Upper
117 100
119 96.0 77.6 116.4



#33
Benzene
Concen: 23.286 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Tgt Ion: 78 Resp: 553947



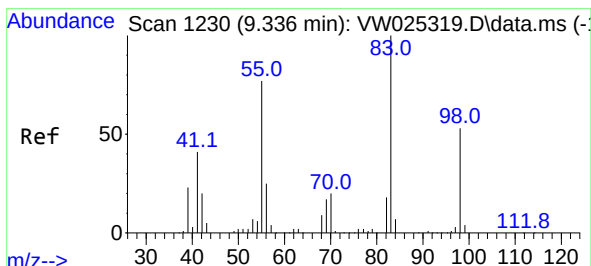
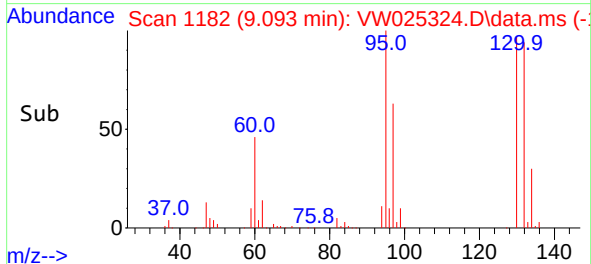
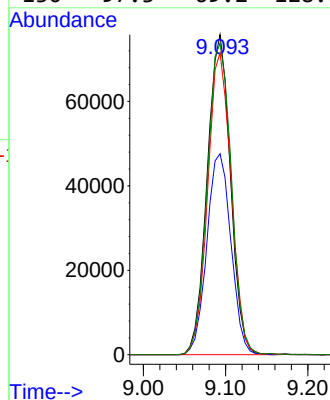
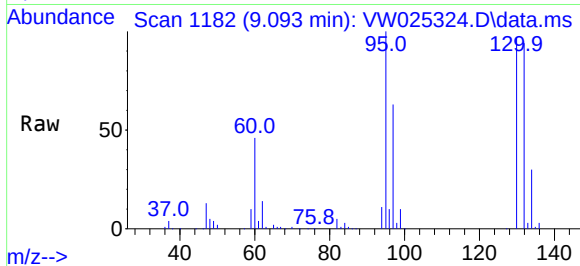


#34
Trichloroethene
Concen: 22.357 ug/L
RT: 9.093 min Scan# 1190
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

Tgt Ion: 95 Resp: 148972

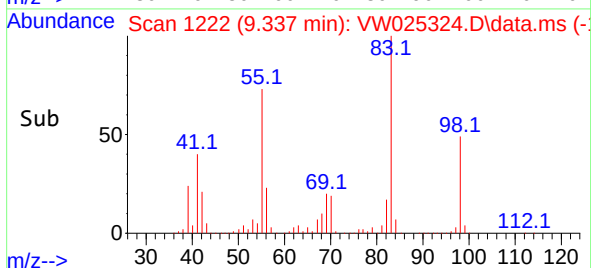
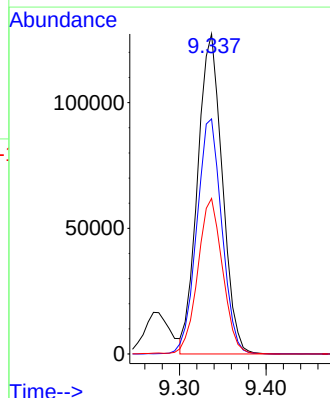
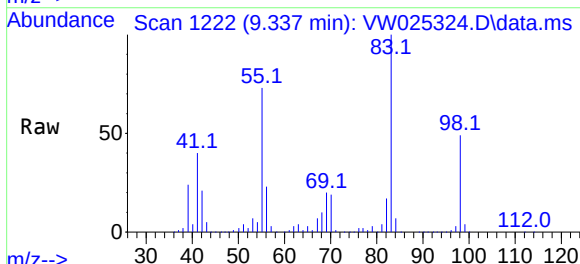
Ion	Ratio	Lower	Upper
95	100		
97	62.8	45.4	84.2
132	94.4	67.1	124.5
130	97.3	69.2	128.6

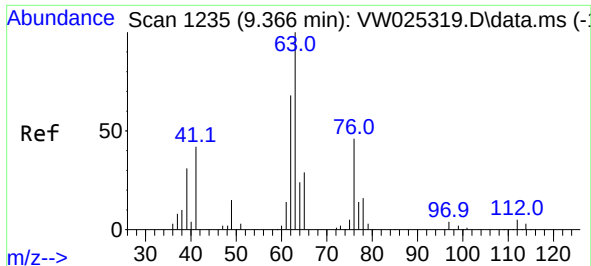


#35
Methylcyclohexane
Concen: 21.194 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Tgt Ion: 83 Resp: 252088

Ion	Ratio	Lower	Upper
83	100		
55	74.7	58.8	88.2
98	48.8	39.5	59.3





#37

1,2-Dichloropropane

Concen: 23.284 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.002 min

Lab File: VW025324.D

Acq: 09 Feb 2023 12:35

Instrument :

MSVOA_W

ClientSampleId :

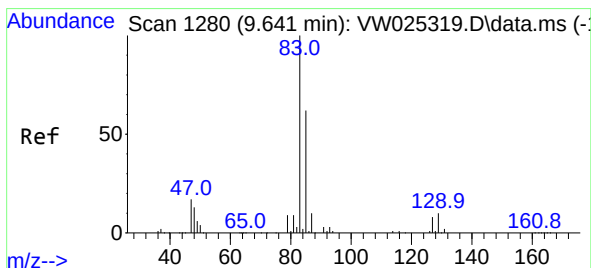
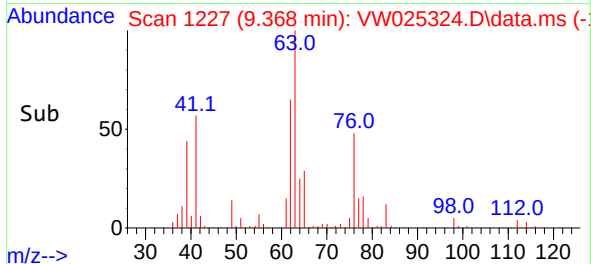
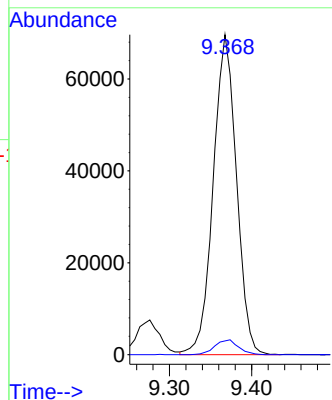
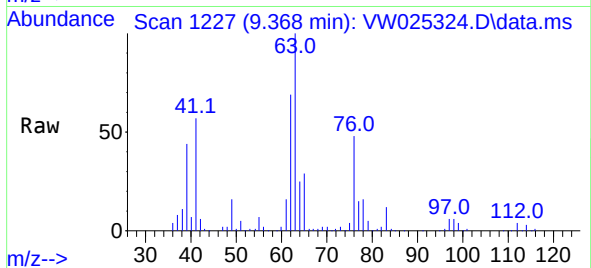
VSTD025535

Tgt Ion: 63 Resp: 136612

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 23.747 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.004 min

Lab File: VW025324.D

Acq: 09 Feb 2023 12:35

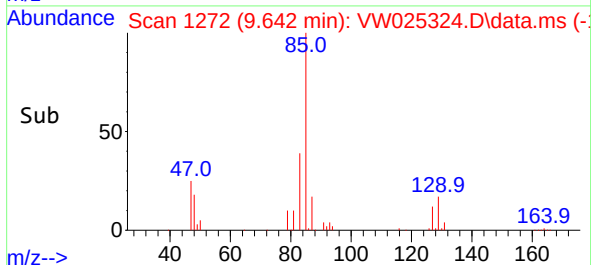
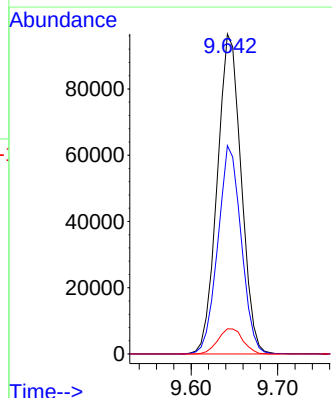
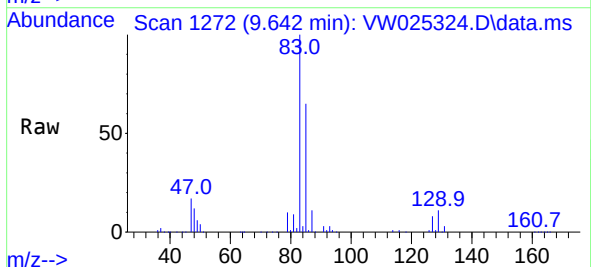
Tgt Ion: 83 Resp: 185263

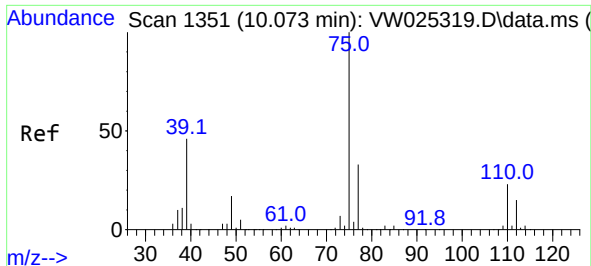
Ion Ratio Lower Upper

83 100

85 65.1 44.4 82.4

127 7.9 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.019 ug/L

RT: 10.075 min Scan# 1

Delta R.T. 0.002 min

Lab File: VW025324.D

Acq: 09 Feb 2023 12:35

Instrument :

MSVOA_W

ClientSampleId :

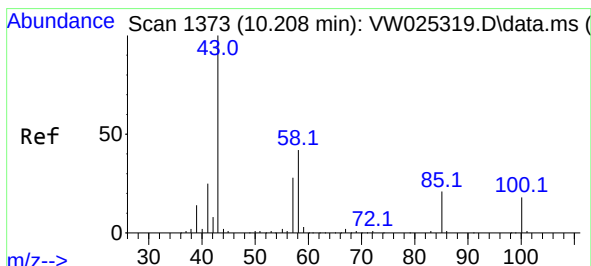
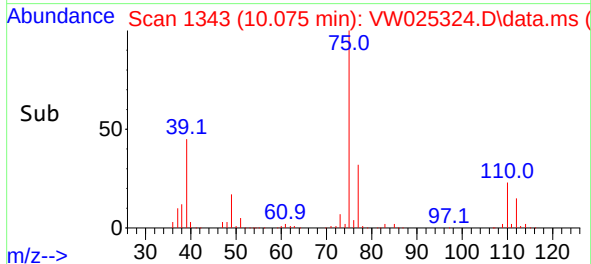
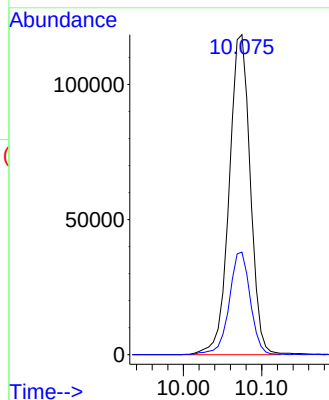
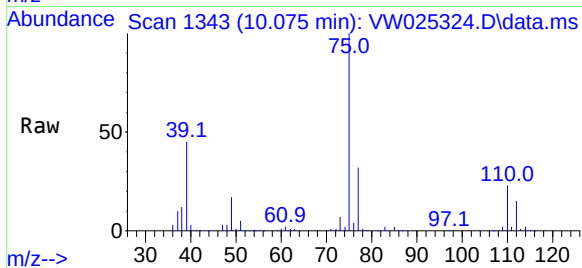
VSTD025535

Tgt Ion: 75 Resp: 221138

Ion Ratio Lower Upper

75 100

77 32.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 47.231 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.002 min

Lab File: VW025324.D

Acq: 09 Feb 2023 12:35

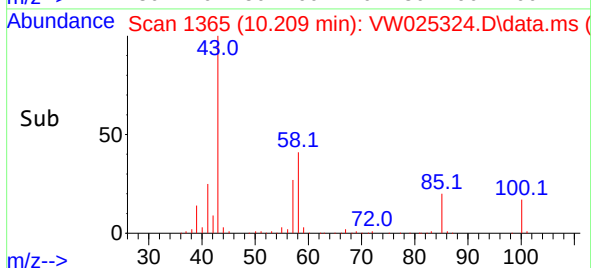
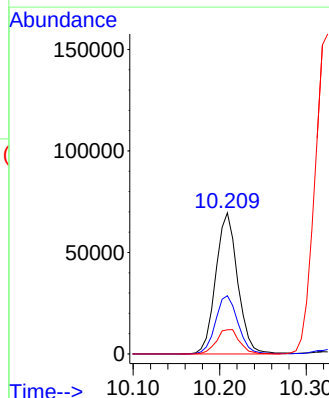
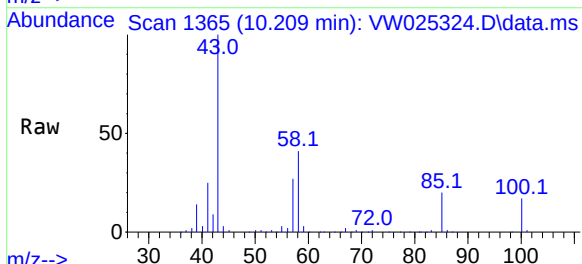
Tgt Ion: 43 Resp: 122357

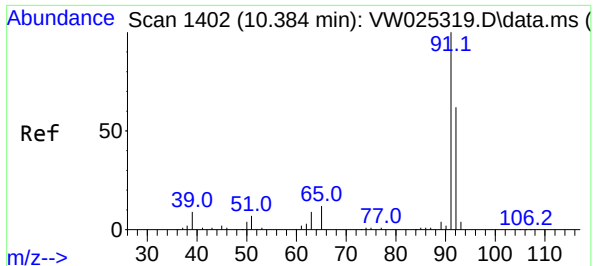
Ion Ratio Lower Upper

43 100

58 42.3 34.1 51.1

100 18.1 14.5 21.7

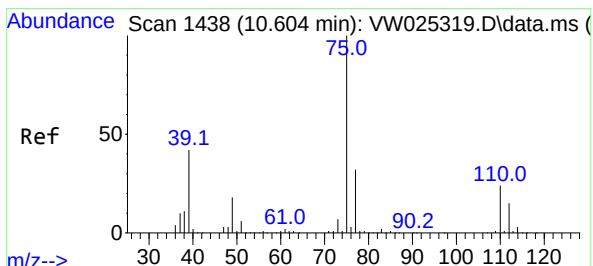
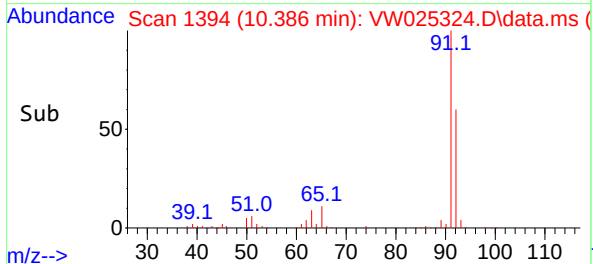
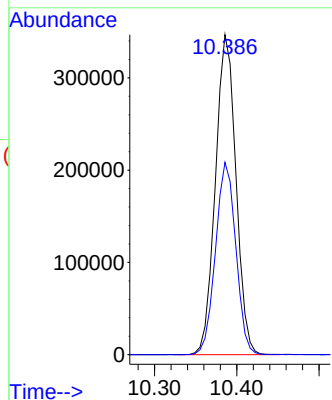
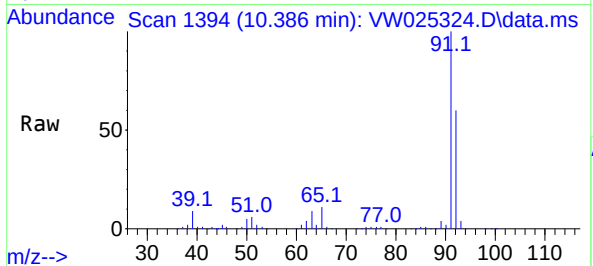




#42
Toluene
Concen: 25.469 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

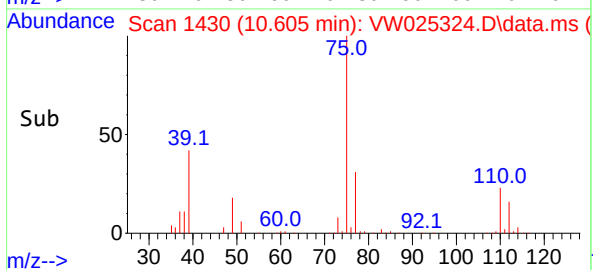
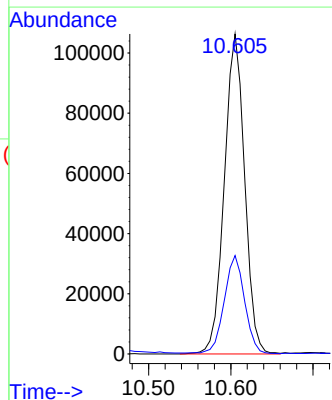
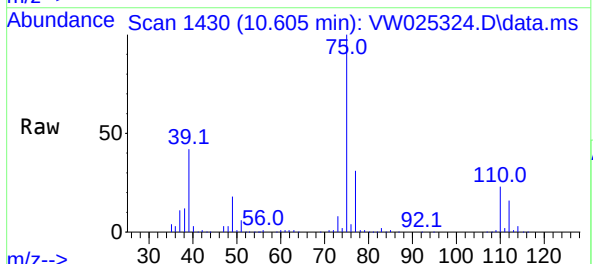
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

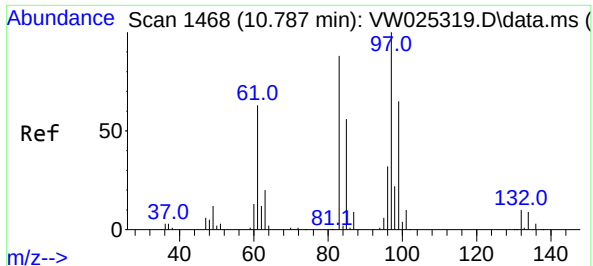
Tgt Ion: 91 Resp: 602513
Ion Ratio Lower Upper
91 100
92 60.1 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 26.707 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Tgt Ion: 75 Resp: 182885
Ion Ratio Lower Upper
75 100
77 30.8 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 26.954 ug/L

RT: 10.788 min Scan# 1468

Delta R.T. 0.002 min

Lab File: VW025324.D

Acq: 09 Feb 2023 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

Tgt Ion: 97 Resp: 99668

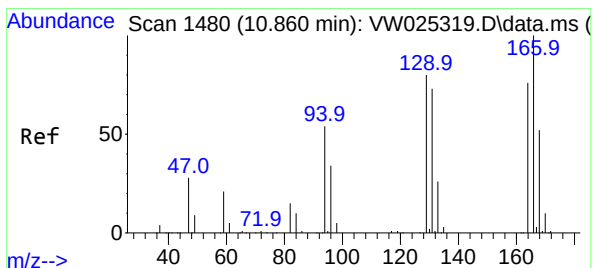
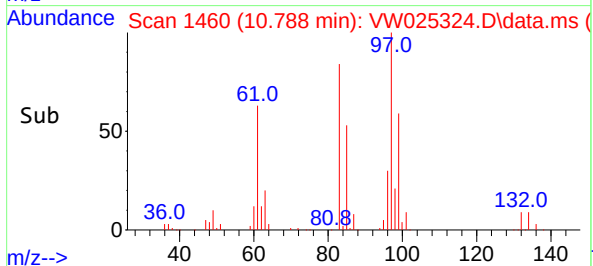
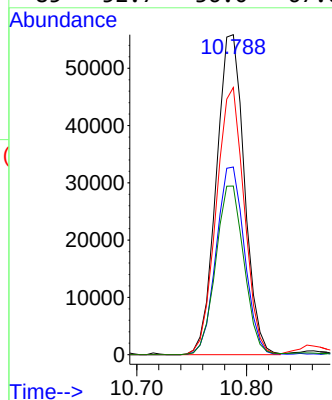
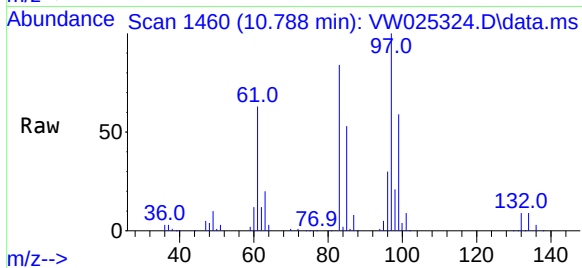
Ion Ratio Lower Upper

97 100

99 58.7 41.4 76.8

83 83.5 54.0 100.4

85 52.7 36.0 67.0



#46

Tetrachloroethene

Concen: 25.576 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.004 min

Lab File: VW025324.D

Acq: 09 Feb 2023 12:35

Tgt Ion:164 Resp: 108913

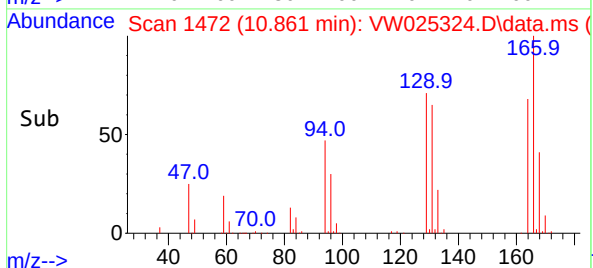
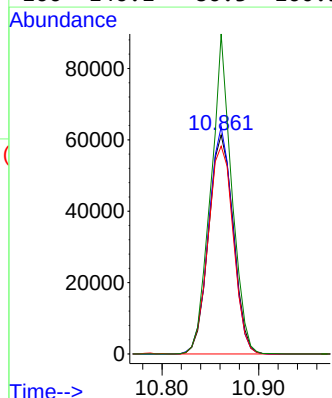
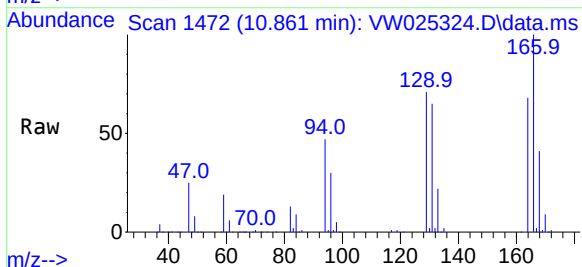
Ion Ratio Lower Upper

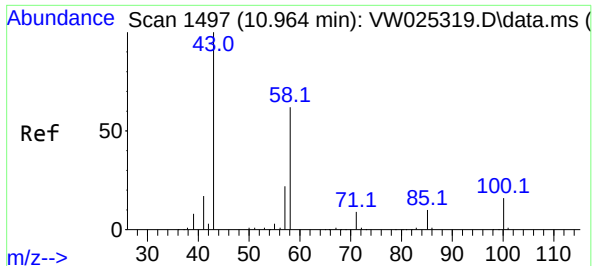
164 100

129 103.7 74.1 137.5

131 94.9 72.3 134.3

166 146.1 86.3 160.3

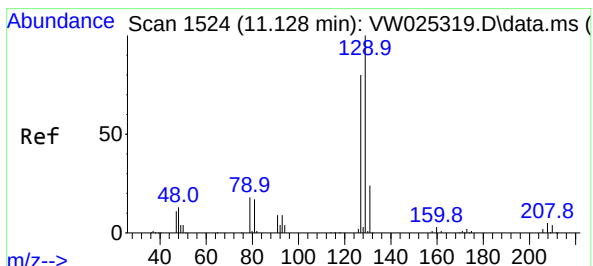
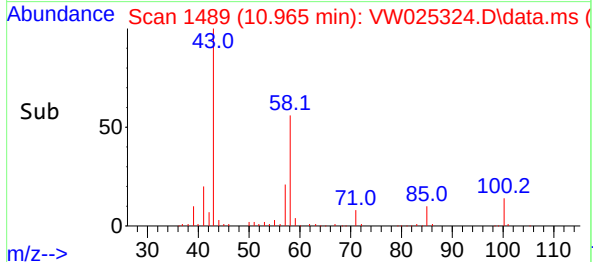
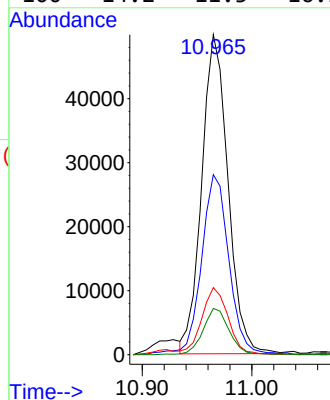
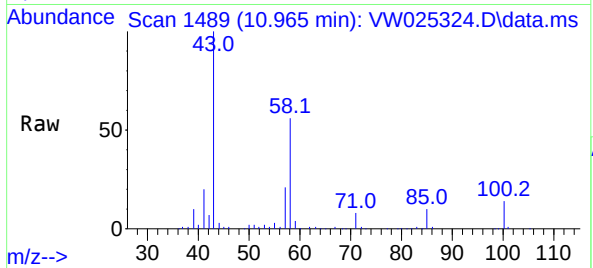




#48
2-Hexanone
Concen: 50.720 ug/L
RT: 10.965 min Scan# 1497
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

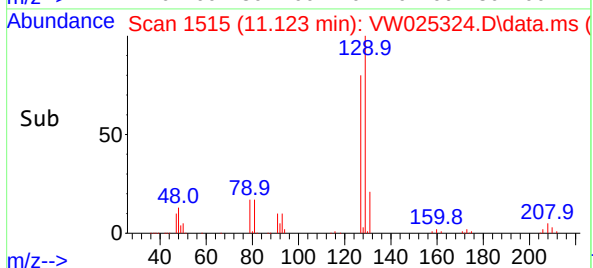
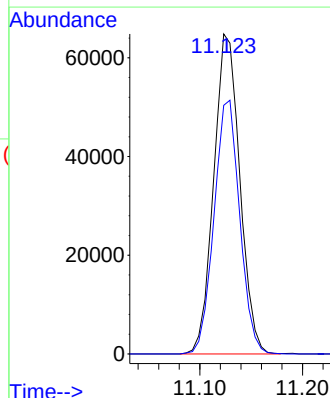
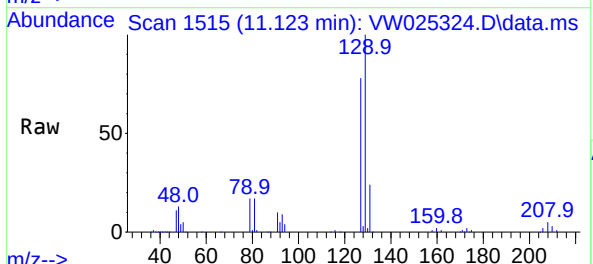
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

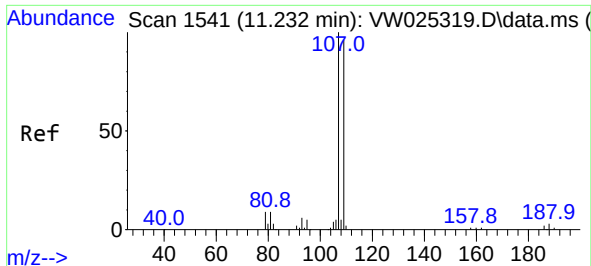
Tgt Ion:	43	Resp:	82951
Ion	Ratio	Lower	Upper
43	100		
58	57.8	46.3	69.5
57	21.1	16.5	24.7
100	14.2	11.3	16.9



#49
Dibromochloromethane
Concen: 27.414 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.004 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Tgt Ion:	129	Resp:	114493
Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.8	101.8





#50

1,2-Dibromoethane

Concen: 27.460 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.002 min

Lab File: VW025324.D

Acq: 09 Feb 2023 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

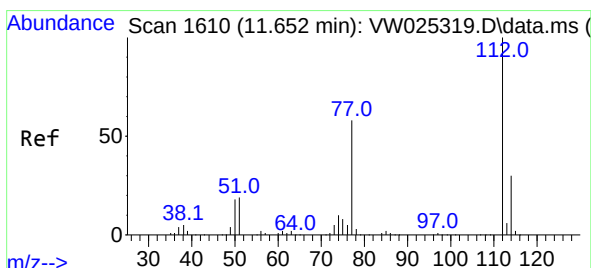
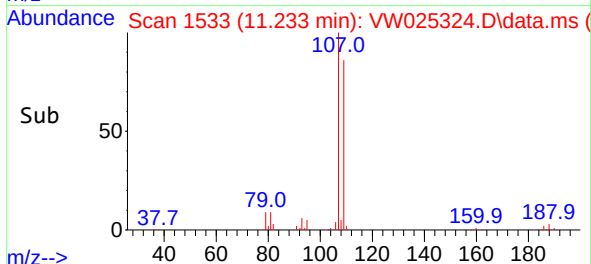
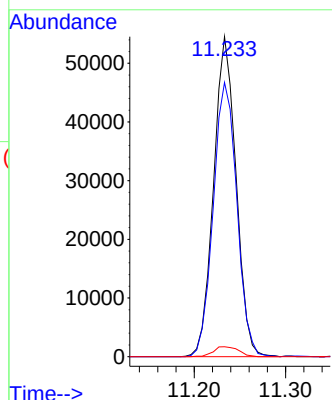
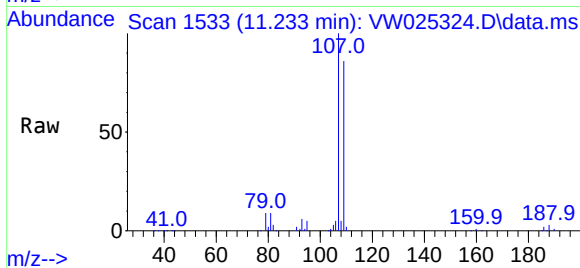
Tgt Ion:107 Resp: 93018

Ion Ratio Lower Upper

107 100

109 85.7 65.0 120.6

188 3.1 2.3 3.5



#51

Chlorobenzene

Concen: 24.438 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.004 min

Lab File: VW025324.D

Acq: 09 Feb 2023 12:35

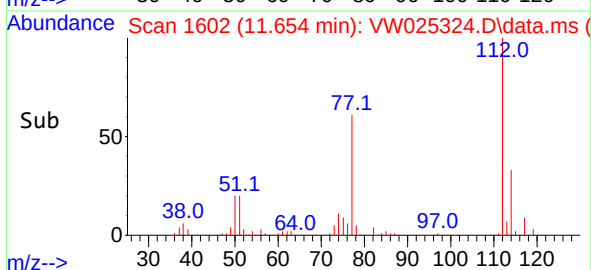
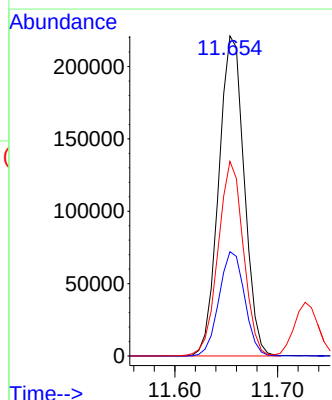
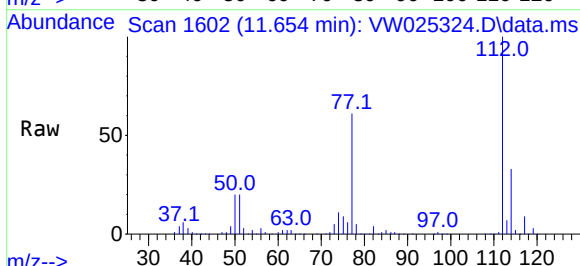
Tgt Ion:112 Resp: 380466

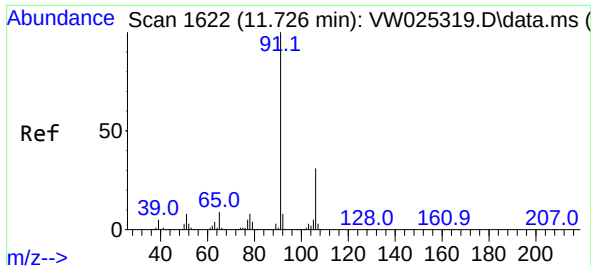
Ion Ratio Lower Upper

112 100

114 32.6 21.7 40.3

77 60.8 46.2 69.4

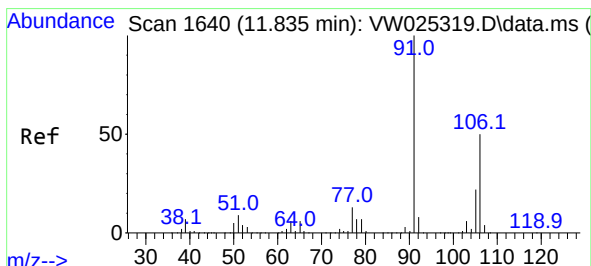
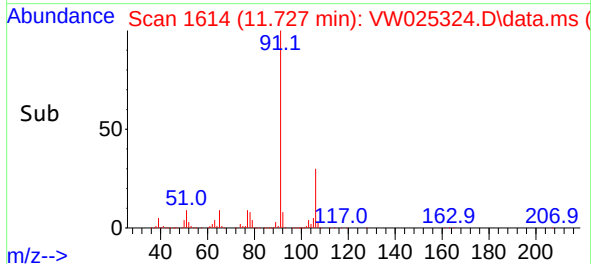
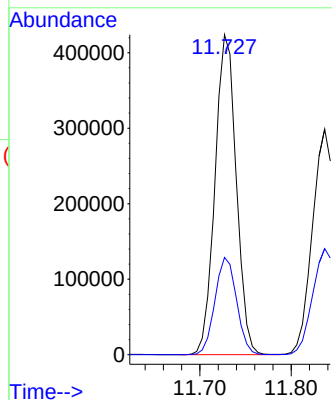
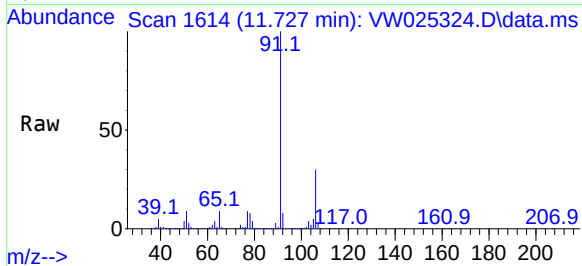




#52
Ethylbenzene
Concen: 24.256 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.004 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

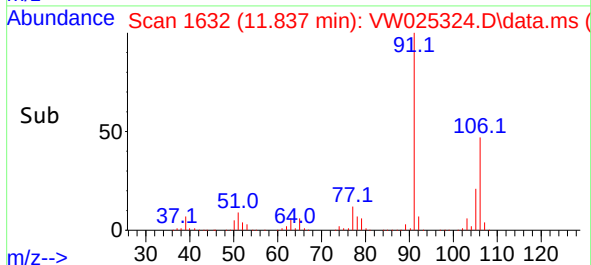
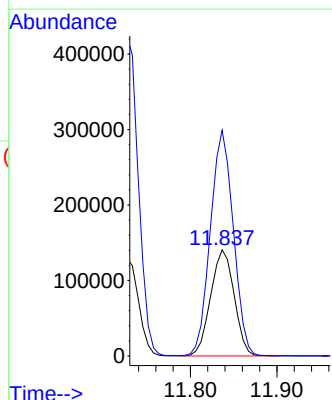
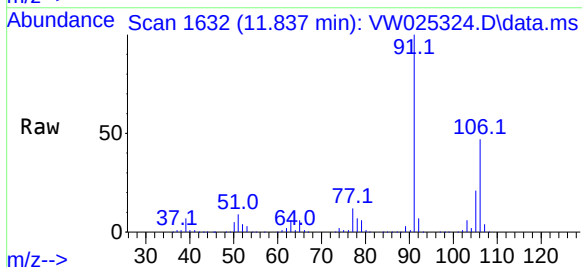
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

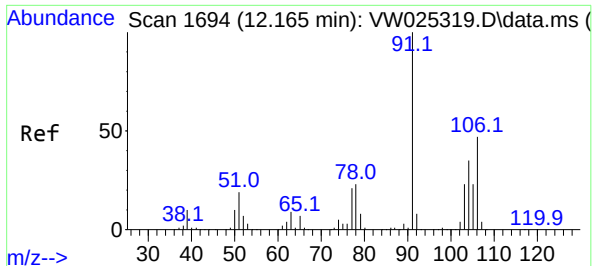
Tgt Ion: 91 Resp: 687518
Ion Ratio Lower Upper
91 100
106 30.4 21.1 39.1



#53
m,p-Xylene
Concen: 24.662 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Tgt Ion:106 Resp: 264922
Ion Ratio Lower Upper
106 100
91 212.6 143.4 266.4

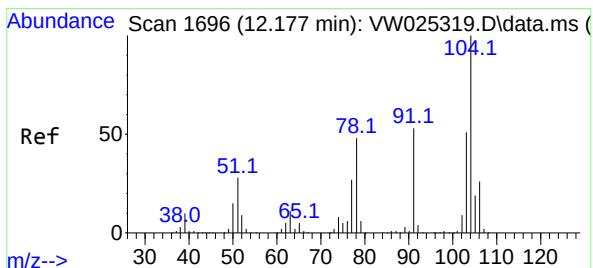
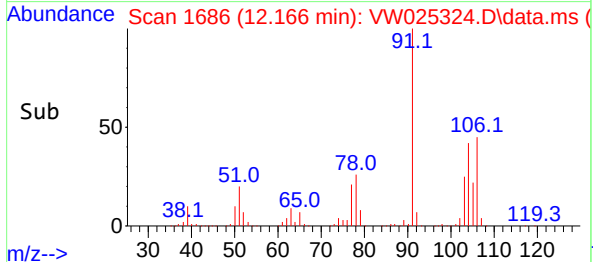
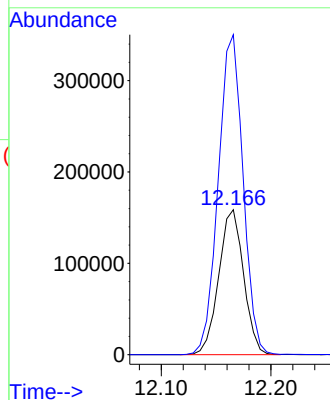
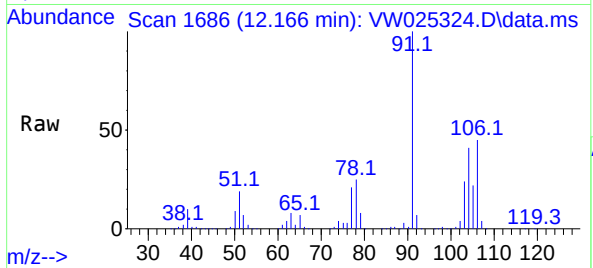




#54
o-Xylene
Concen: 23.117 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

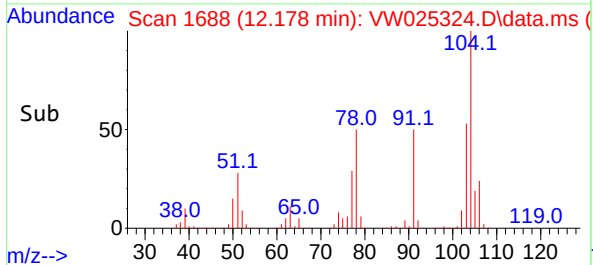
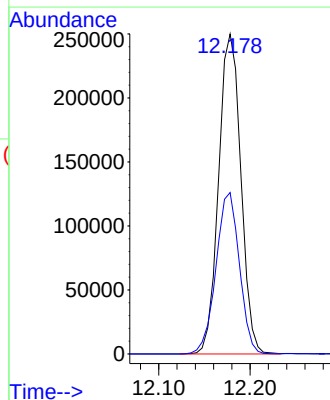
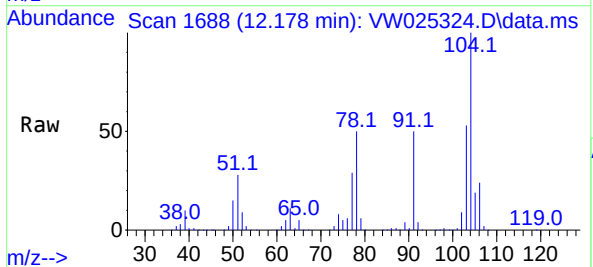
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

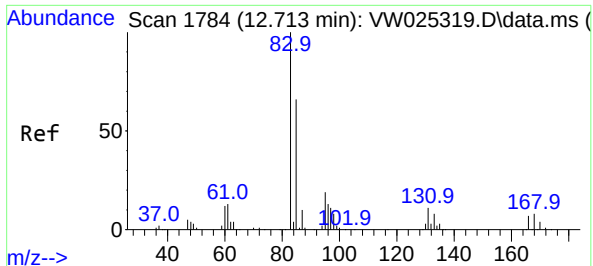
Tgt Ion:106 Resp: 249984
Ion Ratio Lower Upper
106 100
91 220.7 157.6 292.8



#55
Styrene
Concen: 23.076 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Tgt Ion:104 Resp: 422513
Ion Ratio Lower Upper
104 100
78 50.5 32.8 60.8

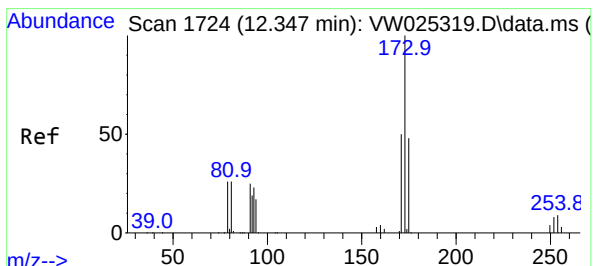
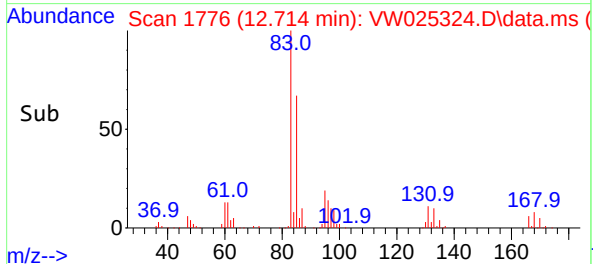
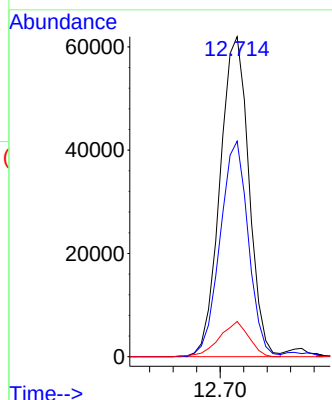
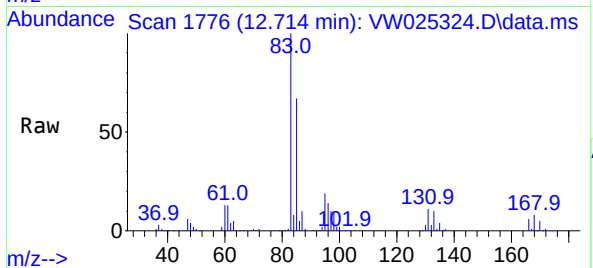




#57
1,1,2,2-Tetrachloroethane
Concen: 23.995 ug/L
RT: 12.714 min Scan# 1716
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

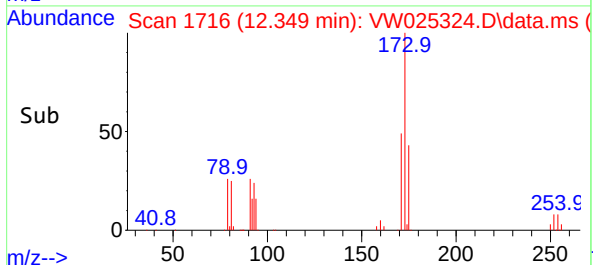
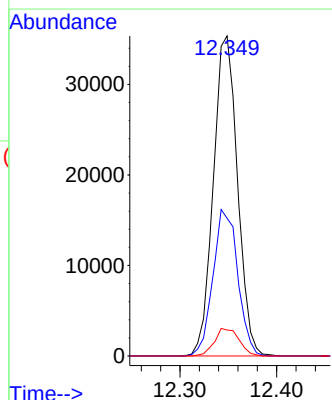
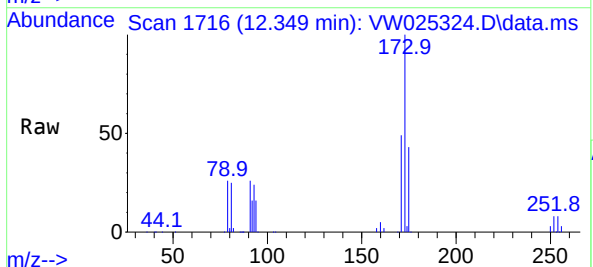
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

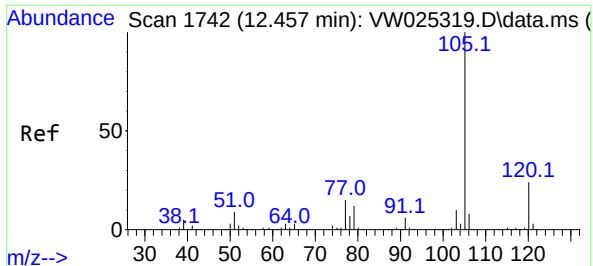
Tgt Ion: 83 Resp: 105720
Ion Ratio Lower Upper
83 100
85 67.4 44.7 83.1
131 11.0 7.8 11.6



#59
Bromoform
Concen: 25.016 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Tgt Ion:173 Resp: 61326
Ion Ratio Lower Upper
173 100
175 47.0 38.6 58.0
254 8.8 7.0 10.4

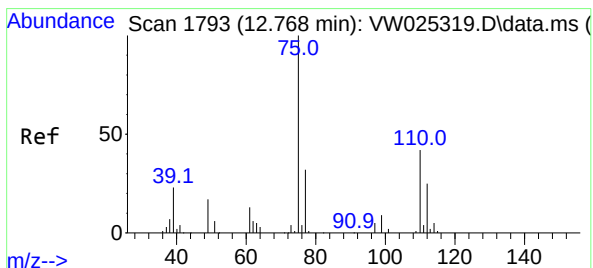
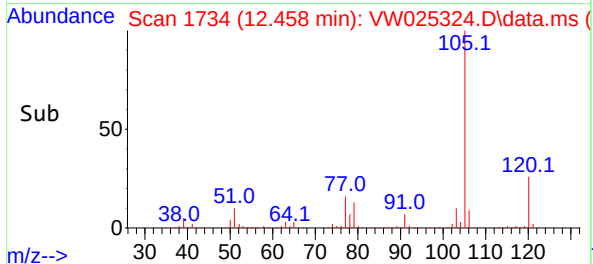
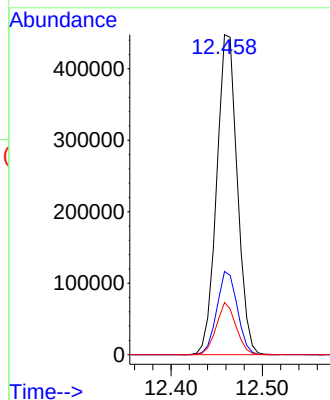
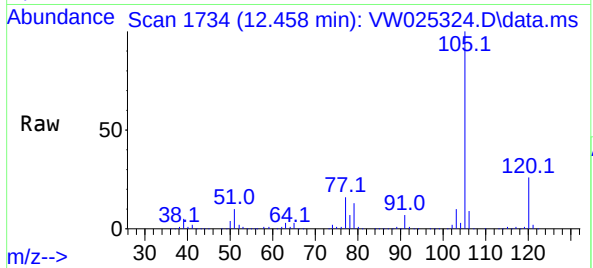




#60
Isopropylbenzene
Concen: 23.990 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.004 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

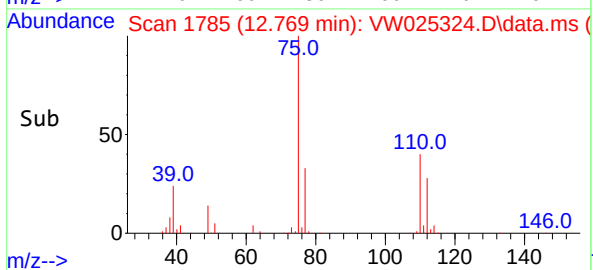
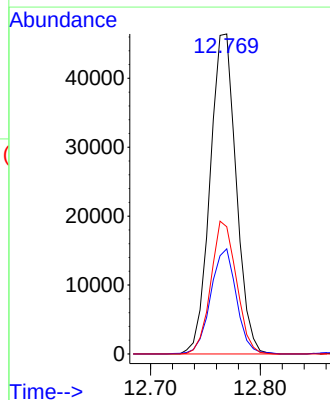
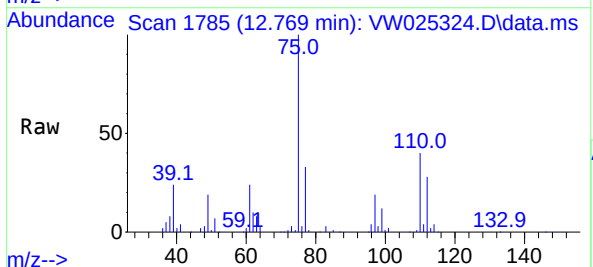
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

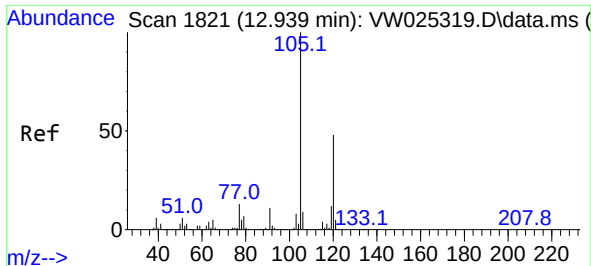
Tgt Ion:105 Resp: 702012
Ion Ratio Lower Upper
105 100
120 25.9 20.6 30.8
77 15.6 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 25.021 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Tgt Ion: 75 Resp: 76869
Ion Ratio Lower Upper
75 100
77 32.5 26.7 40.1
110 40.6 33.2 49.8





#62

1,3,5-Trimethylbenzene

Concen: 24.756 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.002 min

Lab File: VW025324.D

Acq: 09 Feb 2023 12:35

Instrument :

MSVOA_W

ClientSampleId :

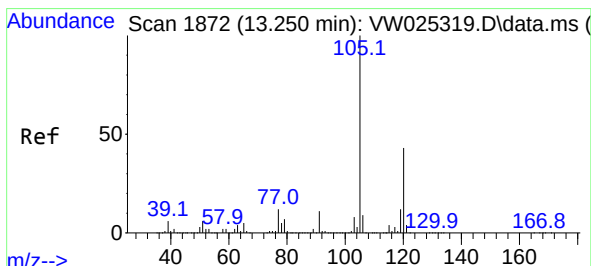
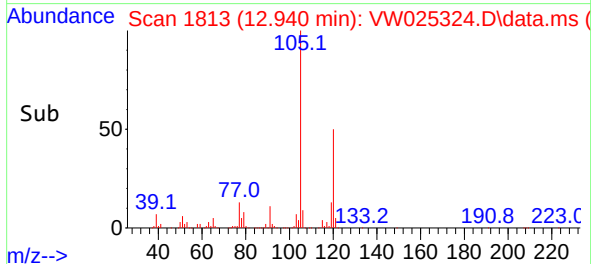
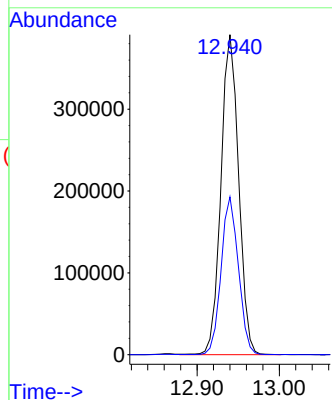
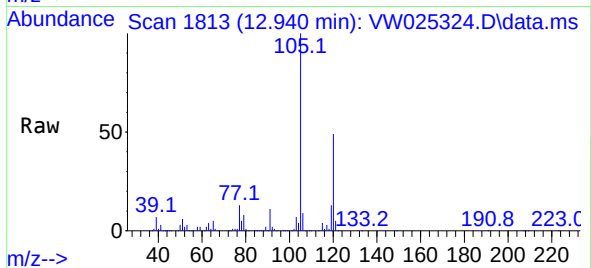
VSTD025535

Tgt Ion:105 Resp: 584022

Ion Ratio Lower Upper

105 100

120 48.3 37.0 55.4



#63

1,2,4-Trimethylbenzene

Concen: 24.314 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.002 min

Lab File: VW025324.D

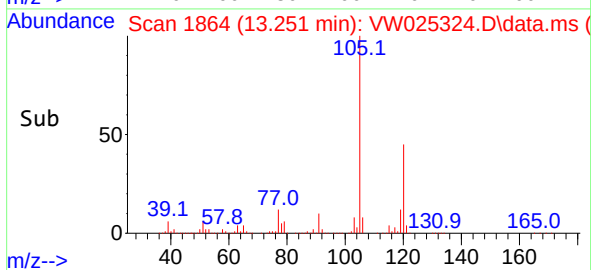
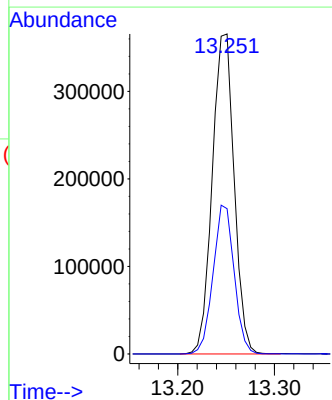
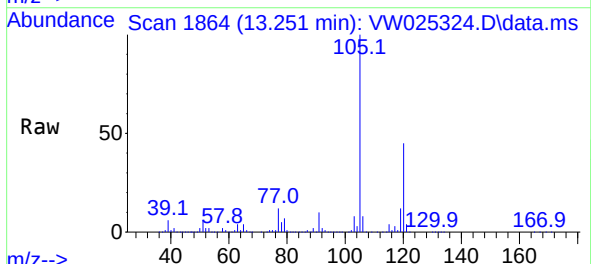
Acq: 09 Feb 2023 12:35

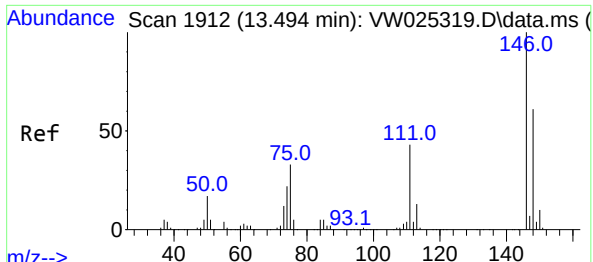
Tgt Ion:105 Resp: 574734

Ion Ratio Lower Upper

105 100

120 44.7 35.0 52.4

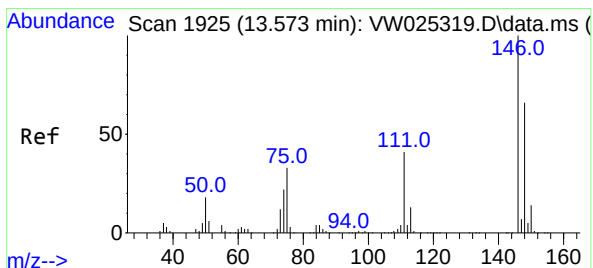
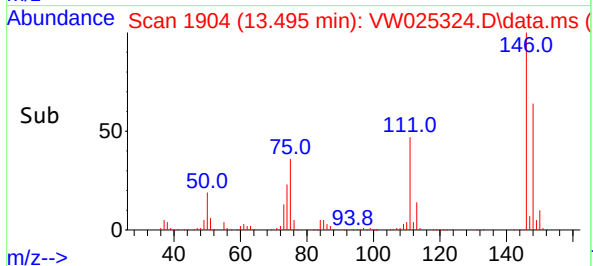
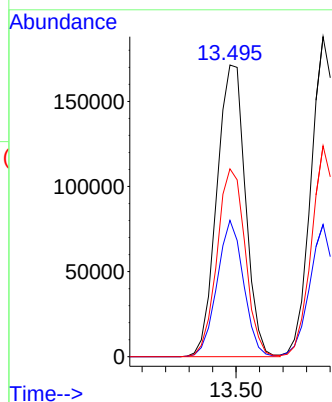
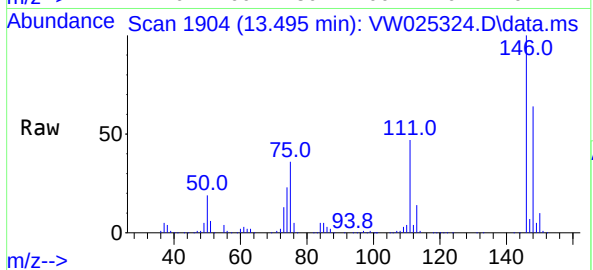




#64
1,3-Dichlorobenzene
Concen: 23.887 ug/L
RT: 13.495 min Scan# 1912
Delta R.T. -0.004 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

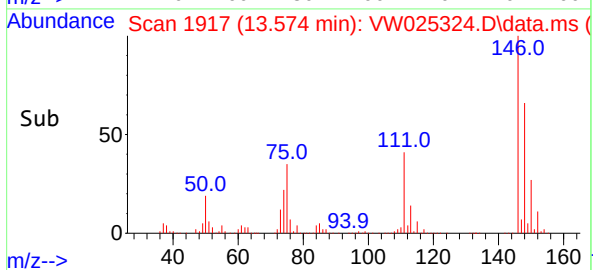
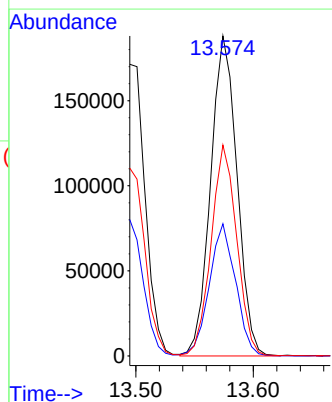
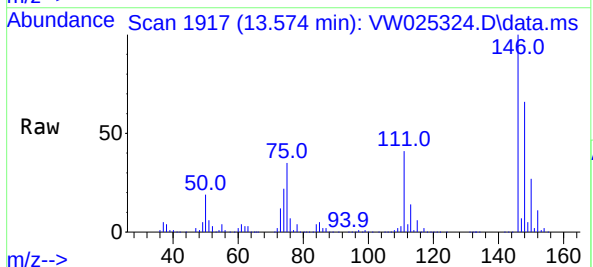
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

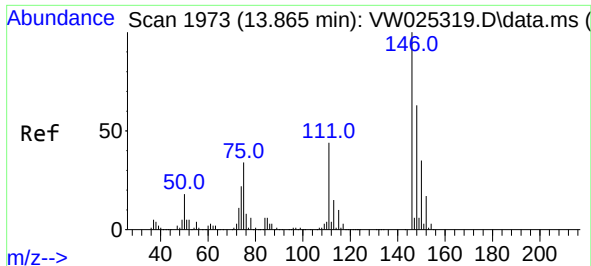
Tgt Ion:146 Resp: 289602
Ion Ratio Lower Upper
146 100
111 46.8 29.0 53.8
148 64.4 41.7 77.5



#65
1,4-Dichlorobenzene
Concen: 24.624 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.004 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Tgt Ion:146 Resp: 294592
Ion Ratio Lower Upper
146 100
111 41.3 29.3 54.3
148 65.9 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 24.847 ug/L

RT: 13.867 min Scan# 1973

Delta R.T. 0.002 min

Lab File: VW025324.D

Acq: 09 Feb 2023 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

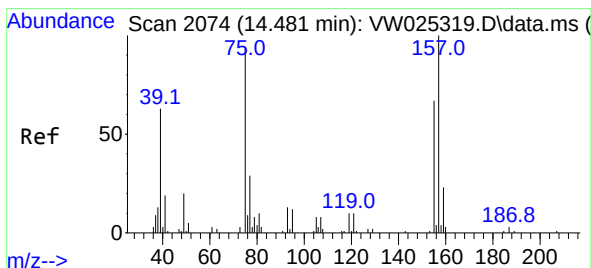
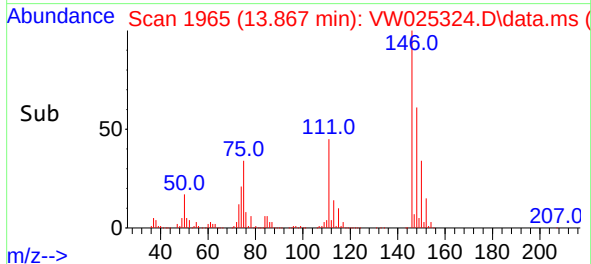
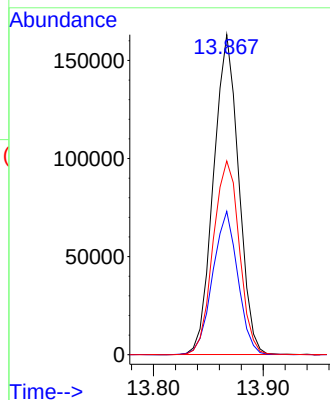
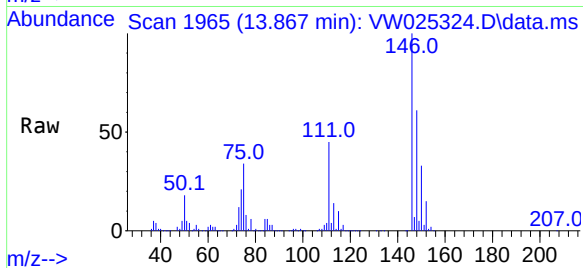
Tgt Ion:146 Resp: 259592

Ion Ratio Lower Upper

146 100

111 44.8 36.2 54.2

148 60.5 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 23.334 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.002 min

Lab File: VW025324.D

Acq: 09 Feb 2023 12:35

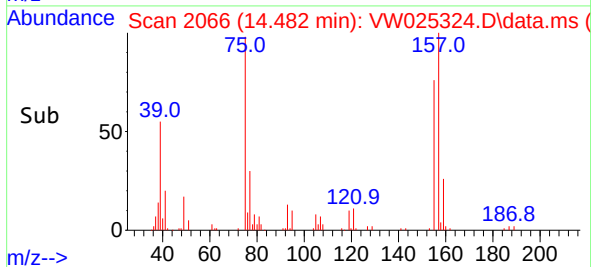
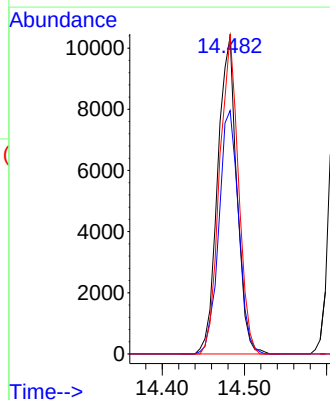
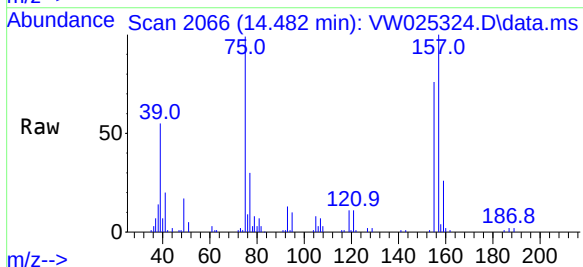
Tgt Ion: 75 Resp: 16743

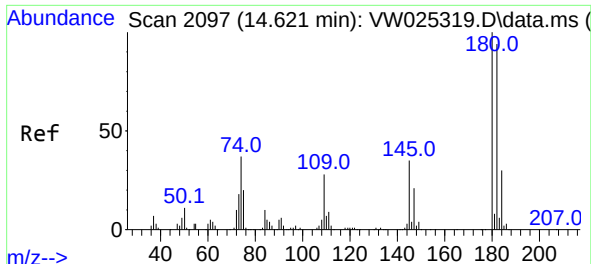
Ion Ratio Lower Upper

75 100

155 76.6 63.4 95.2

157 100.8 82.5 123.7



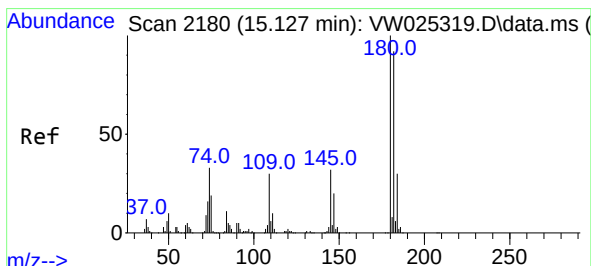
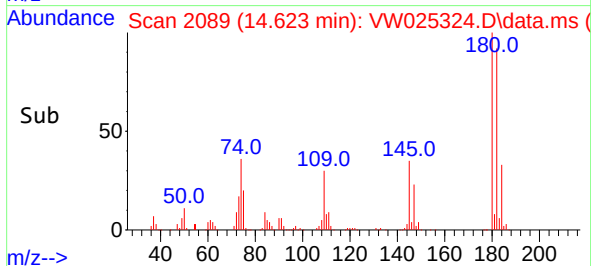
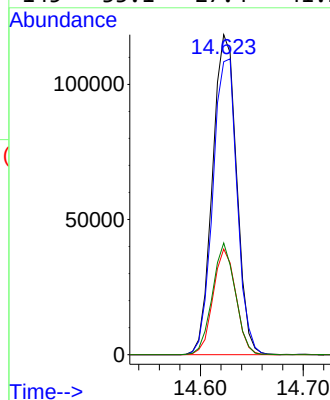
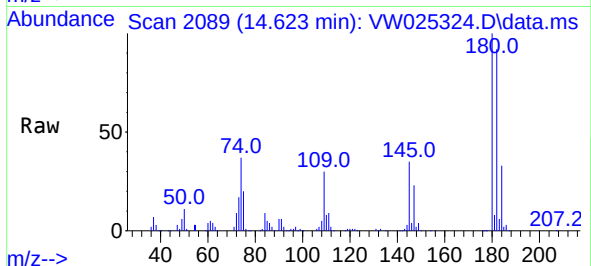


#69
1,3,5-Trichlorobenzene
Concen: 24.384 ug/L
RT: 14.623 min Scan# 2097
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

Tgt Ion:180 Resp: 192242

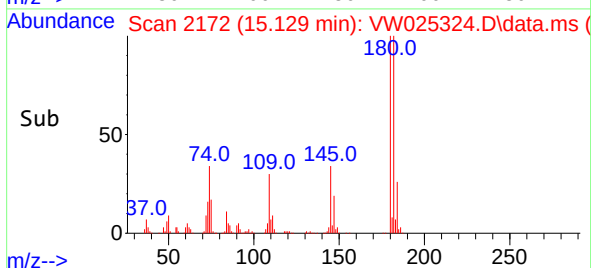
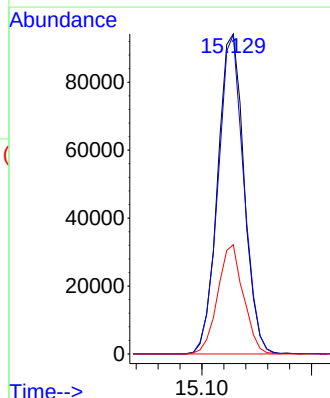
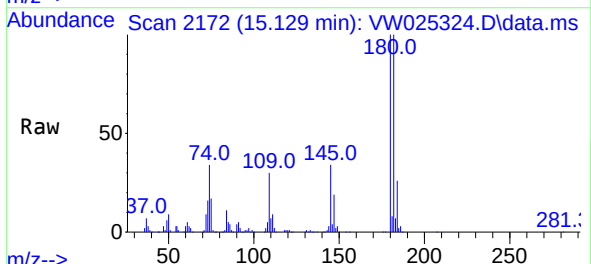
Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.7	116.5
184	31.3	24.4	36.6
145	33.1	27.4	41.2

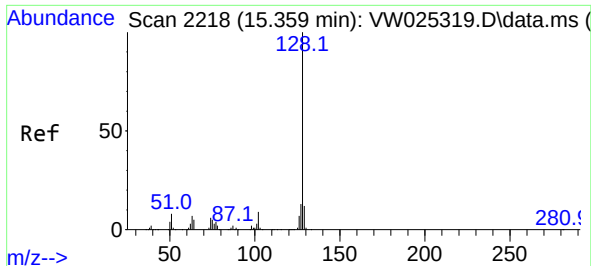


#70
1,2,4-trichlorobenzene
Concen: 24.472 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Tgt Ion:180 Resp: 157104

Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.4	114.6
145	33.3	27.4	41.2

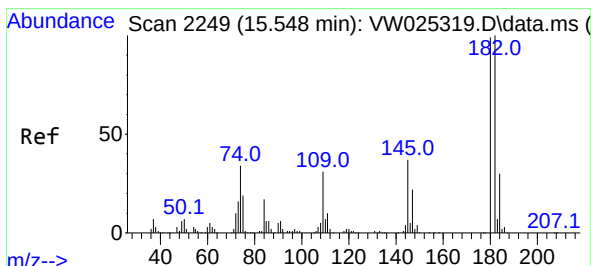
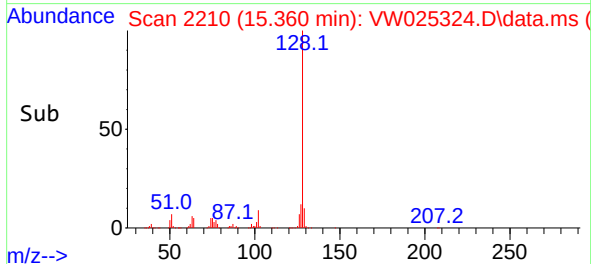
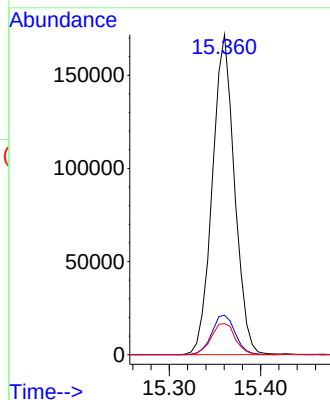
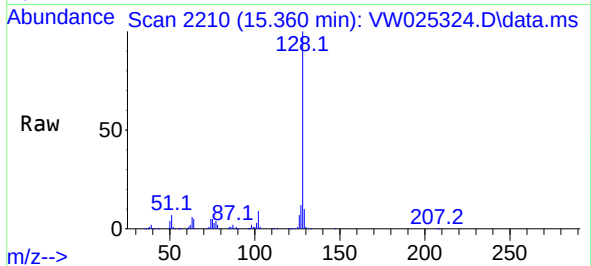




#71
Naphthalene
Concen: 24.646 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.002 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

Tgt Ion:128 Resp: 289234
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 24.292 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.004 min
Lab File: VW025324.D
Acq: 09 Feb 2023 12:35

Tgt Ion:180 Resp: 133904
Ion Ratio Lower Upper
180 100
182 94.4 75.1 112.7
145 35.8 28.8 43.2

