

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122322\
 Data File : VW025190.D
 Acq On : 23 Dec 2022 12:29
 Operator : SY/MD
 Sample : N6169-03MS
 Misc : 4.84g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBQ97MS

Quant Time: Dec 23 22:00:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 23 21:59:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	600734	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	517418	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	236414	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	121553	17.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.200%
7) Chloroethane-d5	2.879	69	80723	18.053	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	4.013	63	304996	20.103	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.400%
21) 2-Butanone-d5	7.074	46	140972	81.086	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	162.180%#
24) Chloroform-d	7.647	84	344476	22.215	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.840%
26) 1,2-Dichloroethane-d4	8.305	65	197219	25.079	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.320%
32) Benzene-d6	8.275	84	718023	23.663	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.640%
36) 1,2-Dichloropropane-d6	9.275	67	220147	24.934	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.720%
41) Toluene-d8	10.323	98	651580	23.683	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.720%
43) trans-1,3-Dichloroprop...	10.579	79	97585	26.165	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.640%
47) 2-Hexanone-d5	10.921	63	121542	93.826	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	187.660%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	211611	32.456	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.840%#
66) 1,2-Dichlorobenzene-d4	13.853	152	202499	25.271	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.002	85	62628	17.202	ug/L	99
3) Chloromethane	2.209	50	101571	15.844	ug/L	97
5) Vinyl chloride	2.355	62	128464	16.019	ug/L	99
6) Bromomethane	2.776	94	66007	15.884	ug/L	99
8) Chloroethane	2.916	64	57999	15.636	ug/L	98
9) Trichlorofluoromethane	3.251	101	92027	15.313	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	148892	18.755	ug/L	99
12) 1,1-Dichloroethene	4.038	96	145306	19.199	ug/L	99
13) Acetone	4.117	43	85607	47.902	ug/L	99
14) Carbon disulfide	4.379	76	418720	17.330	ug/L	100
15) Methyl Acetate	4.666	43	89531	30.694	ug/L	98
16) Methylene chloride	4.910	84	162921	17.352	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	153070	19.078	ug/L	99
18) Methyl tert-butyl Ether	5.422	73	275811	23.167	ug/L	99
19) 1,1-Dichloroethane	6.214	63	279494	19.278	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	168477	19.858	ug/L	93
22) 2-Butanone	7.171	43	123834	55.078	ug/L	99
23) Bromochloromethane	7.513	128	75929	21.150	ug/L	93
25) Chloroform	7.671	83	281741	19.204	ug/L	97

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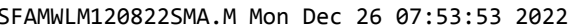
Instrument :
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 ClientSampleId :
 GBQ97MS

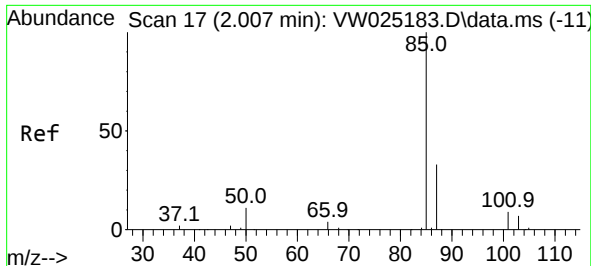
Quant Time: Dec 23 22:00:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 23 21:59:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	195783	21.195	ug/L	99
29) Cyclohexane	7.952	56	265153	20.238	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	229054	18.753	ug/L	99
31) Carbon tetrachloride	8.068	117	203858	18.152	ug/L	100
33) Benzene	8.317	78	650032	20.280	ug/L	100
34) Trichloroethene	9.092	95	161987	19.293	ug/L	97
35) Methylcyclohexane	9.336	83	282798	18.990	ug/L	99
37) 1,2-Dichloropropane	9.366	63	161556	20.897	ug/L	99
38) Bromodichloromethane	9.640	83	210959	20.656	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	264996	22.434	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	271827	68.591	ug/L	99
42) Toluene	10.384	91	671432	19.993	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	231620	22.896	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	134472	24.374	ug/L	98
46) Tetrachloroethene	10.860	164	131844	21.571	ug/L	97
48) 2-Hexanone	10.963	43	192476	66.493	ug/L	98
49) Dibromochloromethane	11.128	129	146001	22.036	ug/L	94
50) 1,2-Dibromoethane	11.232	107	132449	25.786	ug/L	98
51) Chlorobenzene	11.652	112	422493	19.658	ug/L	99
52) Ethylbenzene	11.725	91	722646	18.988	ug/L	100
53) m,p-Xylene	11.835	106	280537	19.302	ug/L	98
54) o-Xylene	12.164	106	269927	19.487	ug/L	96
55) Styrene	12.177	104	457877	19.519	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	177006	27.435	ug/L	98
59) Bromoform	12.347	173	85287	26.270	ug/L	97
60) Isopropylbenzene	12.463	105	723288	19.959	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	131958	29.039	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	611950	19.714	ug/L	99
63) 1,2,4-Trimethylbenzene	13.250	105	609334	20.206	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	291282	19.634	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	297056	19.883	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	277258	21.430	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	33140	31.279	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	176293	16.735	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	149966	17.743	ug/L	99
71) Naphthalene	15.359	128	404777	24.429	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	132452	17.882	ug/L	99

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

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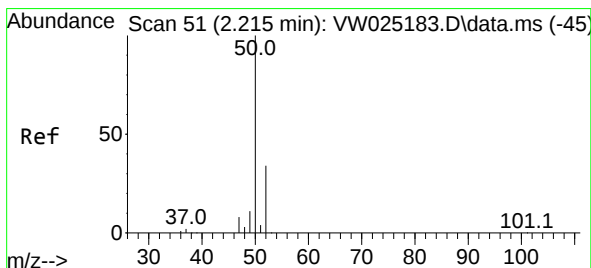
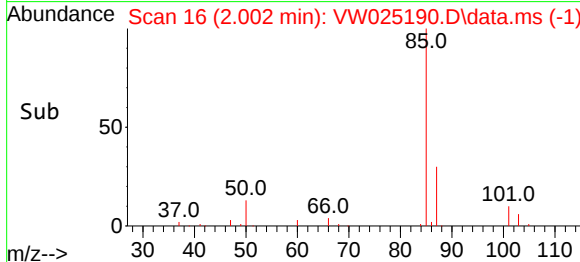
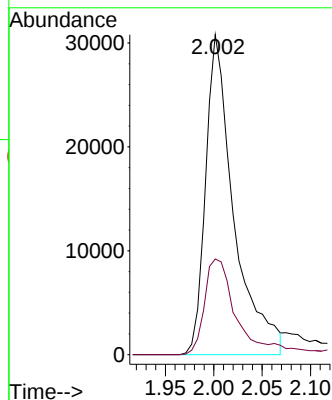
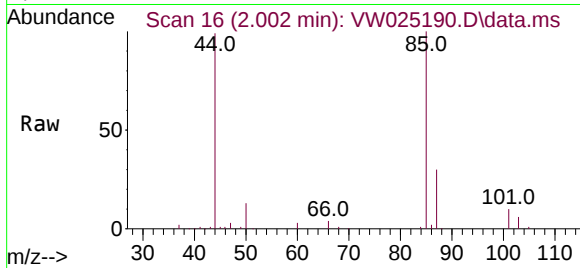




#2
 Dichlorodifluoromethane
 Concen: 17.202 ug/L
 RT: 2.002 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW025190.D
 Acq: 23 Dec 2022 12:29

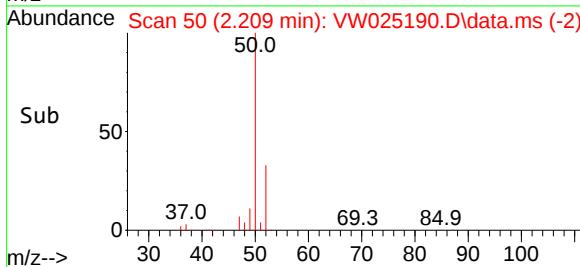
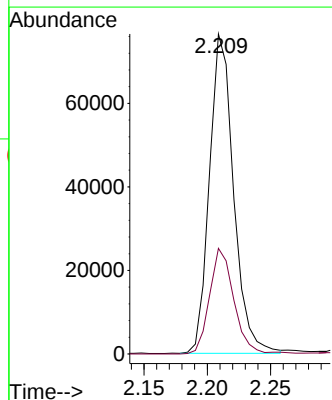
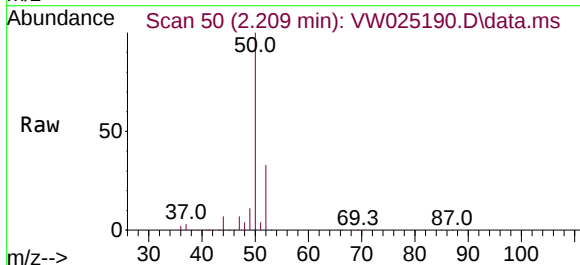
Instrument :
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 ClientSampleId :
 GBQ97MS

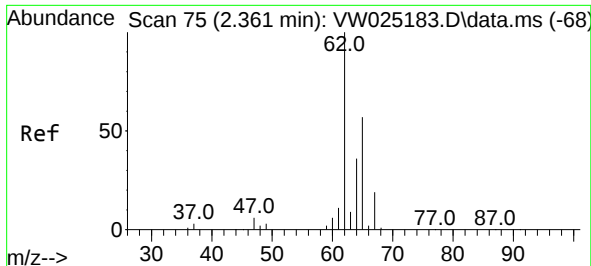
Tgt Ion: 85 Resp: 62628
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.0 37.6



#3
 Chloromethane
 Concen: 15.844 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW025190.D
 Acq: 23 Dec 2022 12:29

Tgt Ion: 50 Resp: 101571
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.1 41.1

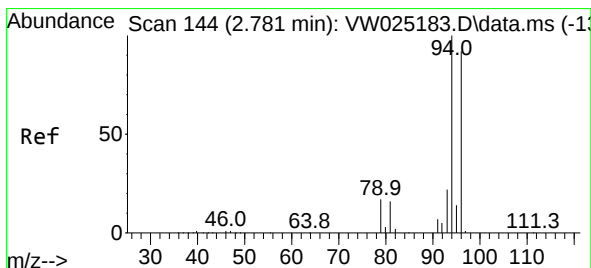
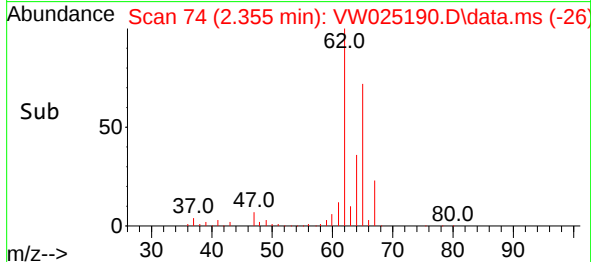
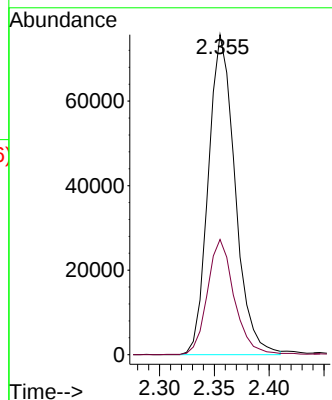
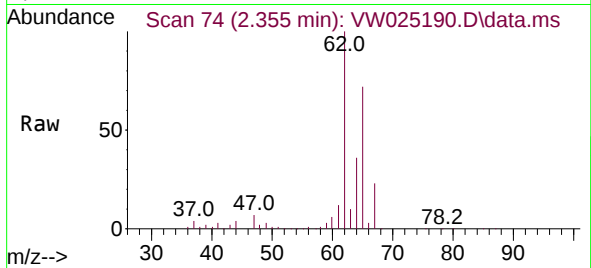




#5
 Vinyl chloride
 Concen: 16.019 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW025190.D
 Acq: 23 Dec 2022 12:29

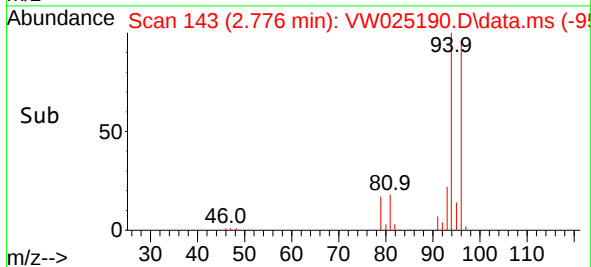
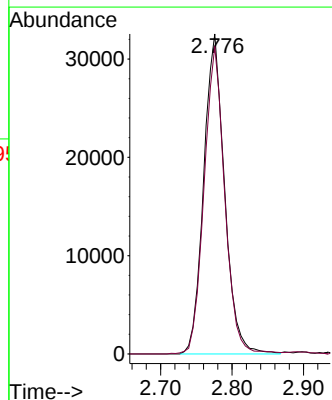
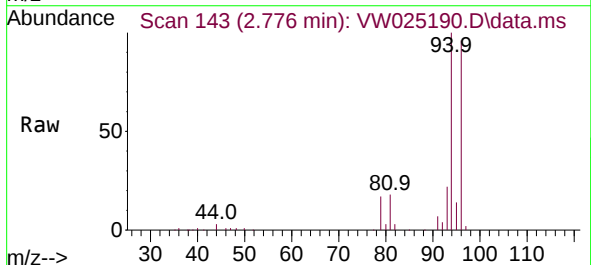
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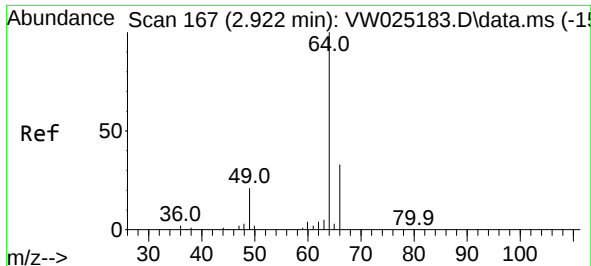
Tgt Ion: 62 Resp: 128464
 Ion Ratio Lower Upper
 62 100
 64 36.0 24.8 46.1



#6
 Bromomethane
 Concen: 15.884 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW025190.D
 Acq: 23 Dec 2022 12:29

Tgt Ion: 94 Resp: 66007
 Ion Ratio Lower Upper
 94 100
 96 96.1 66.7 123.9





#8

Chloroethane

Concen: 15.636 ug/L

RT: 2.916 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025190.D

Acq: 23 Dec 2022 12:29

Instrument :

MSVOA_W

ClientSampleId :

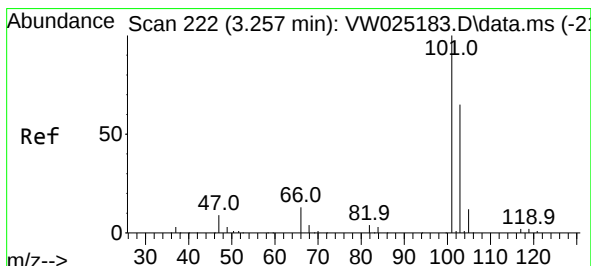
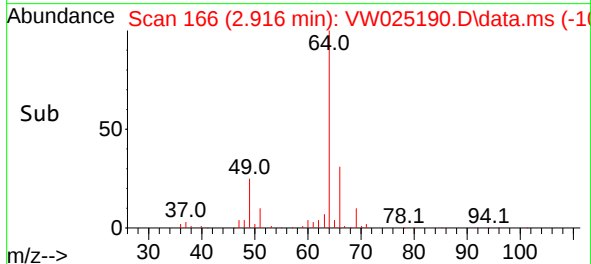
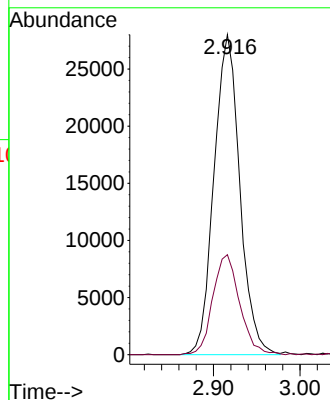
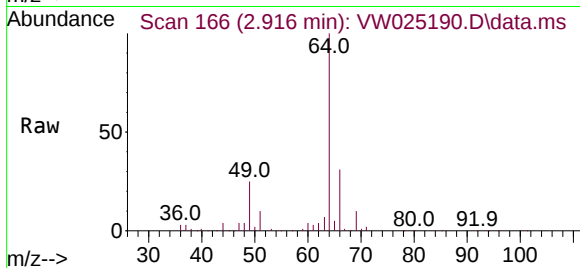
GBQ97MS

Tgt Ion: 64 Resp: 57999

Ion Ratio Lower Upper

64 100

66 31.2 22.7 42.1



#9

Trichlorofluoromethane

Concen: 15.313 ug/L

RT: 3.251 min Scan# 221

Delta R.T. -0.006 min

Lab File: VW025190.D

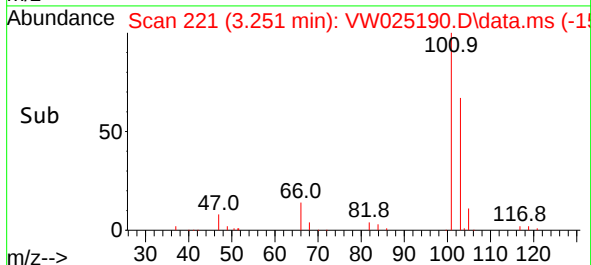
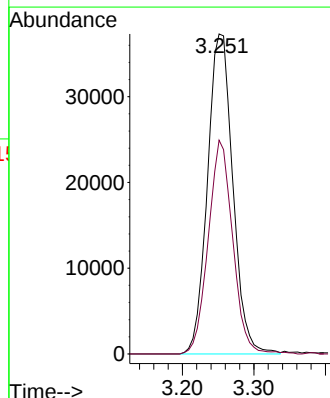
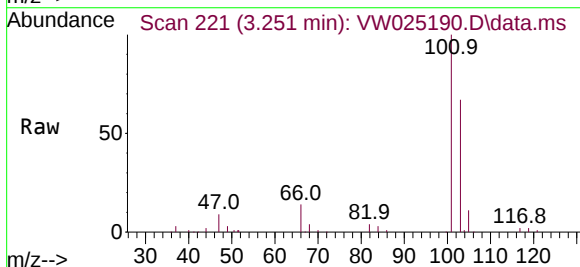
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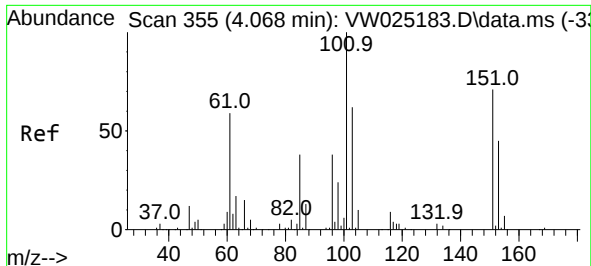
Tgt Ion:101 Resp: 92027

Ion Ratio Lower Upper

101 100

103 64.1 50.9 76.3

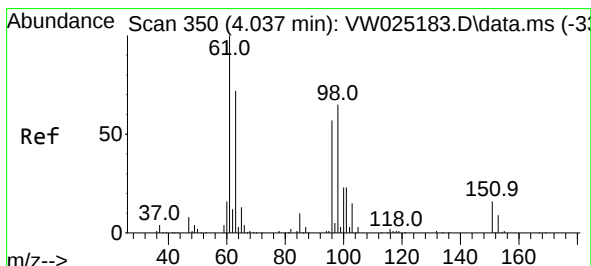
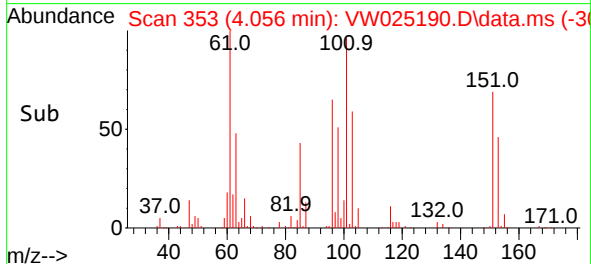
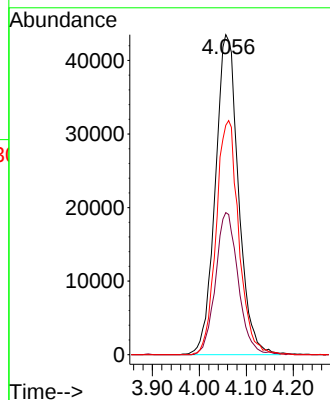
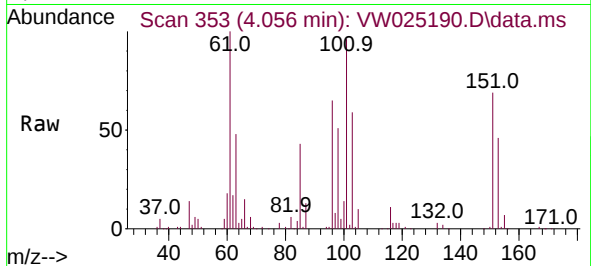




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.755 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW025190.D
 Acq: 23 Dec 2022 12:29

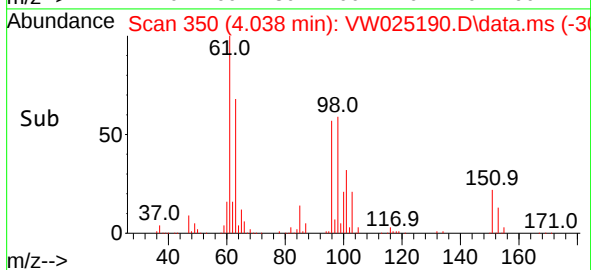
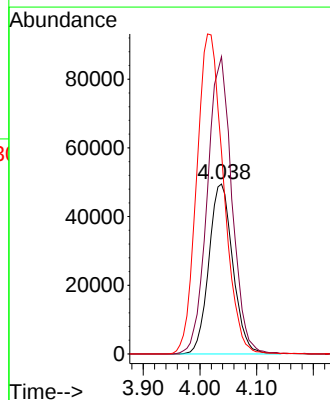
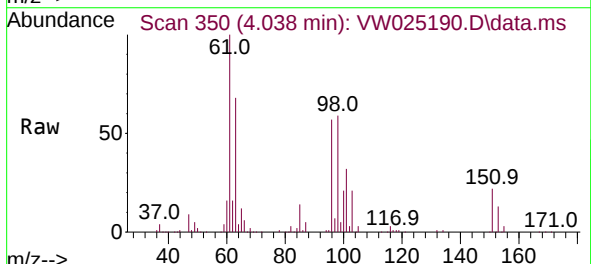
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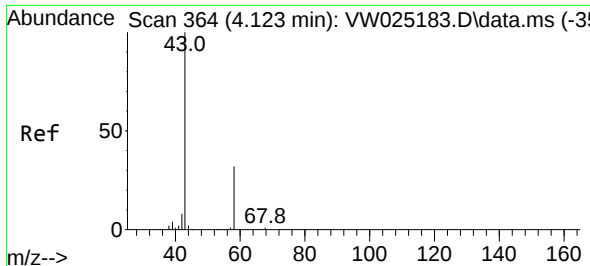
Tgt Ion:101 Resp: 148892
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.6 52.0
 151 71.4 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 19.199 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW025190.D
 Acq: 23 Dec 2022 12:29

Tgt Ion: 96 Resp: 145306
 Ion Ratio Lower Upper
 96 100
 61 175.0 120.8 224.4
 63 119.1 84.1 156.1





#13

Acetone

Concen: 47.902 ug/L

RT: 4.117 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW025190.D

Acq: 23 Dec 2022 12:29

Instrument :

MSVOA_W

ClientSampleId :

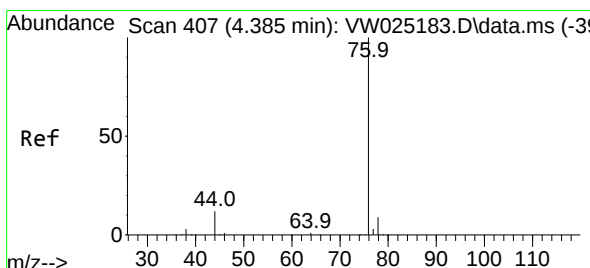
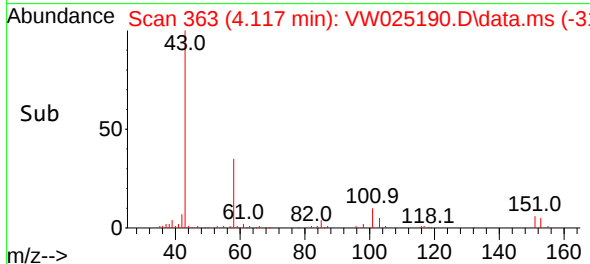
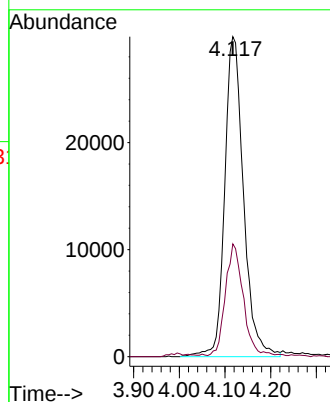
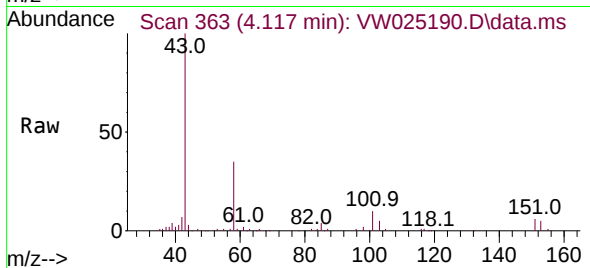
GBQ97MS

Tgt Ion: 43 Resp: 85607

Ion Ratio Lower Upper

43 100

58 32.1 0.0 65.2



#14

Carbon disulfide

Concen: 17.330 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW025190.D

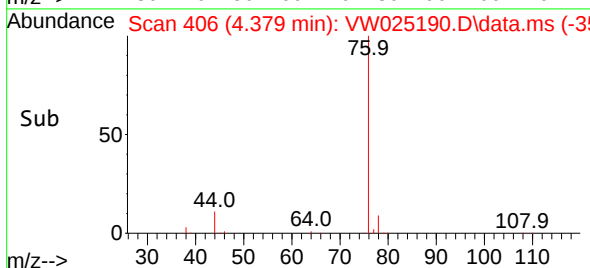
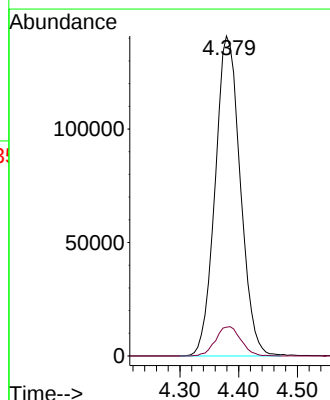
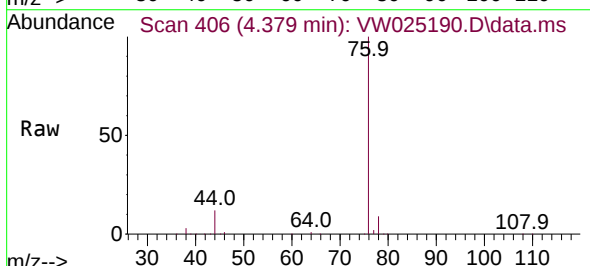
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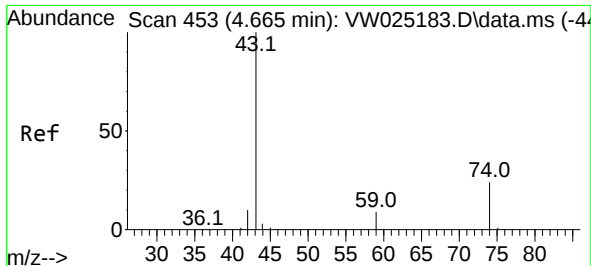
Tgt Ion: 76 Resp: 418720

Ion Ratio Lower Upper

76 100

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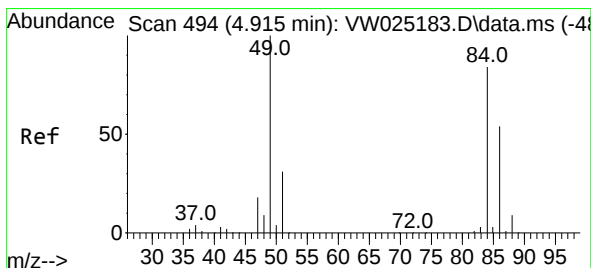
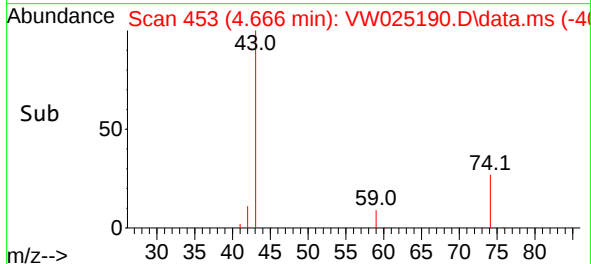
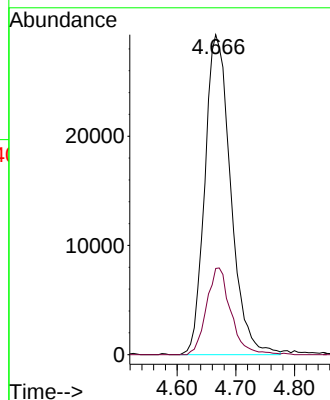
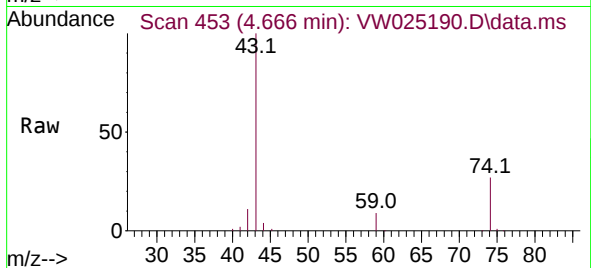




#15
Methyl Acetate
Concen: 30.694 ug/L
RT: 4.666 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

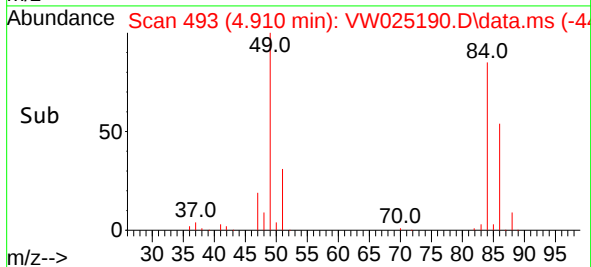
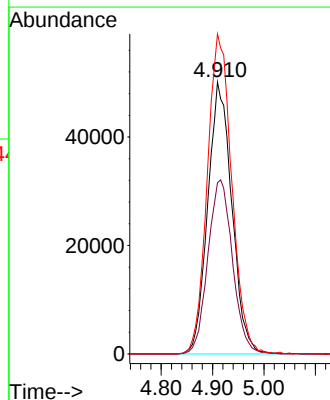
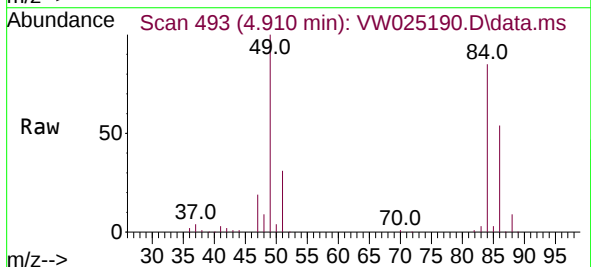
Instrument :
MSVOA_W
ClientSampleId :
GBQ97MS

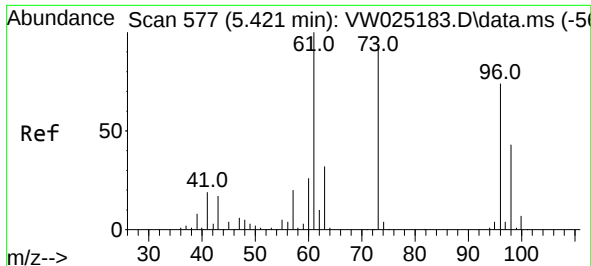
Tgt Ion: 43 Resp: 89531
Ion Ratio Lower Upper
43 100
74 25.5 19.5 29.3



#16
Methylene chloride
Concen: 17.352 ug/L
RT: 4.910 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

Tgt Ion: 84 Resp: 162921
Ion Ratio Lower Upper
84 100
86 63.0 45.0 83.6
49 117.7 86.3 160.3

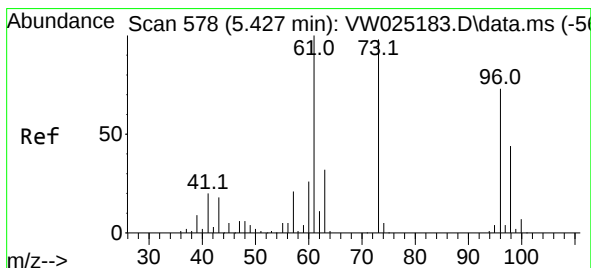
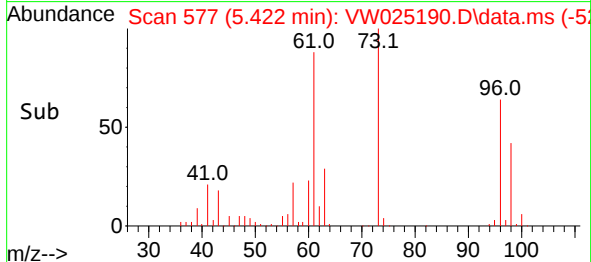
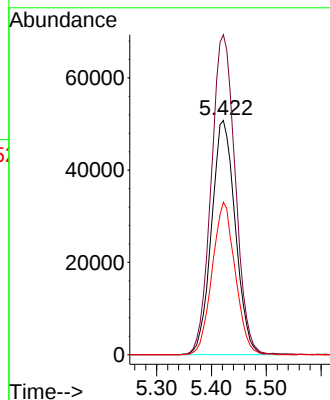
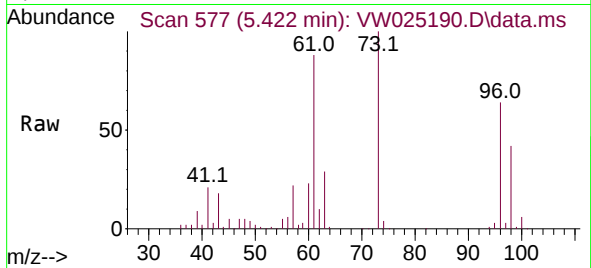




#17
trans-1,2-Dichloroethene
Concen: 19.078 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

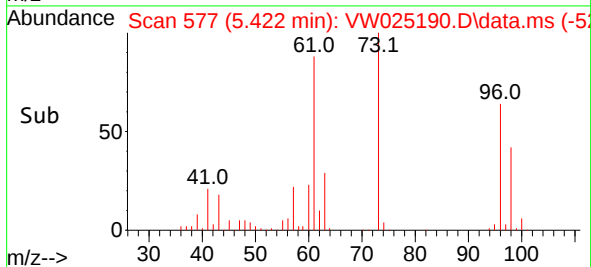
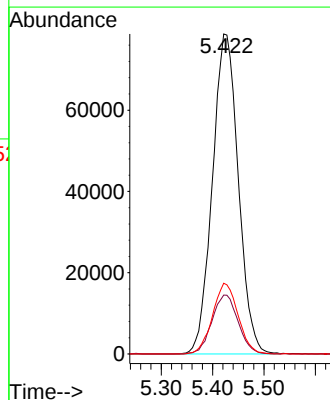
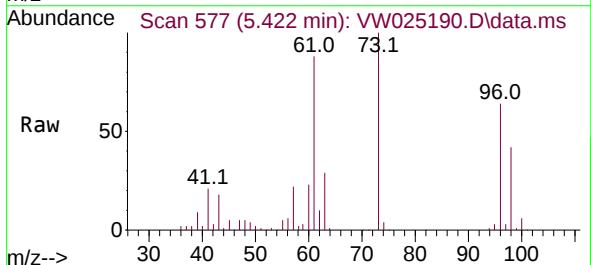
Instrument :
MSVOA_W
ClientSampleId :
GBQ97MS

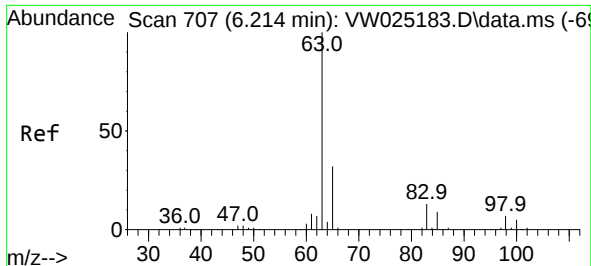
Tgt Ion: 96 Resp: 153070
Ion Ratio Lower Upper
96 100
61 136.6 95.5 177.3
98 65.1 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 23.167 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

Tgt Ion: 73 Resp: 275811
Ion Ratio Lower Upper
73 100
43 18.6 15.6 23.4
57 21.7 17.5 26.3

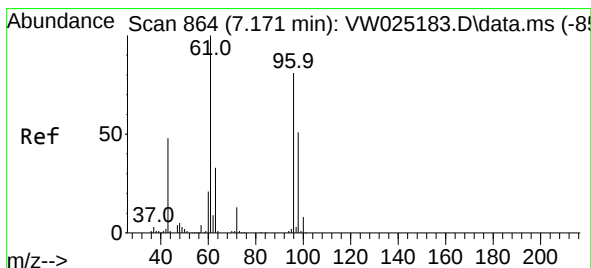
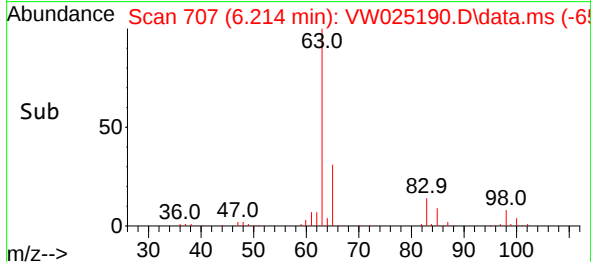
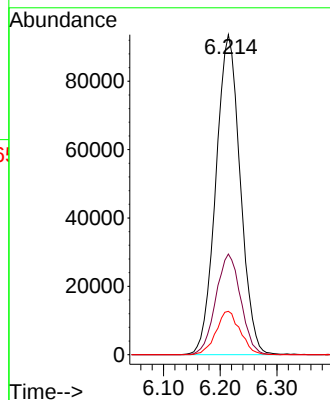
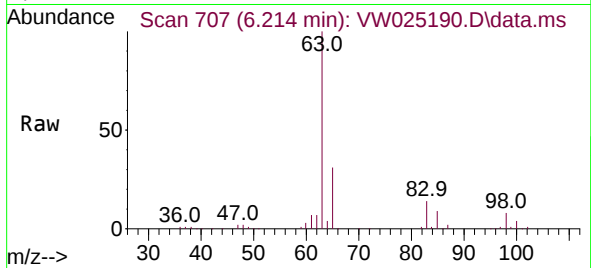




#19
1,1-Dichloroethane
Concen: 19.278 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

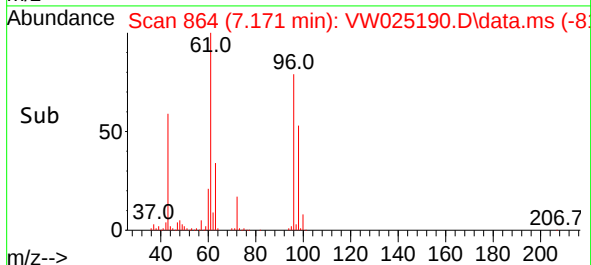
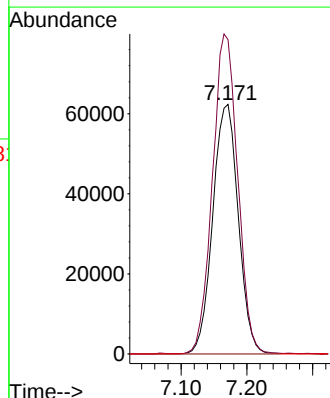
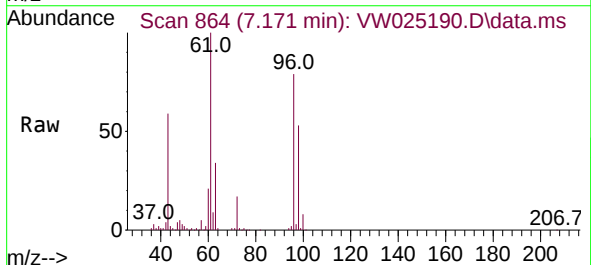
Instrument :
MSVOA_W
ClientSampleId :
GBQ97MS

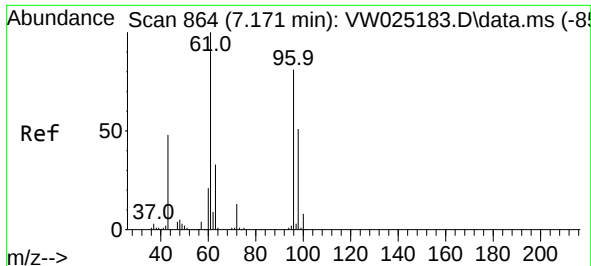
Tgt Ion: 63 Resp: 279494
Ion Ratio Lower Upper
63 100
65 31.4 22.2 41.2
83 13.6 9.4 17.6



#20
cis-1,2-Dichloroethene
Concen: 19.858 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

Tgt Ion: 96 Resp: 168477
Ion Ratio Lower Upper
96 100
61 125.9 93.7 173.9
68 0.0 0.0 0.0

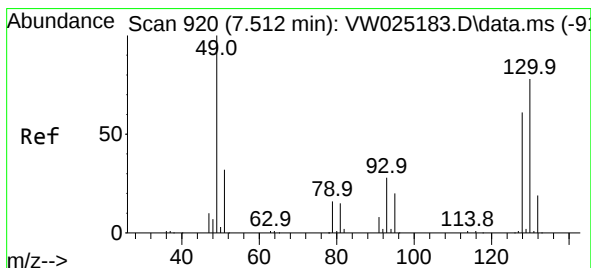
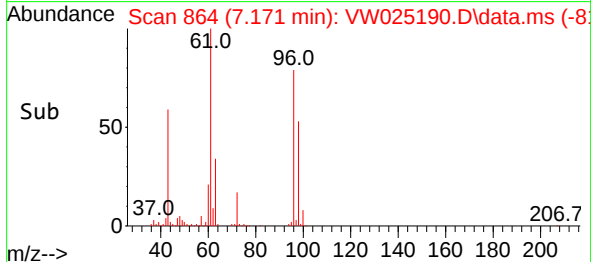
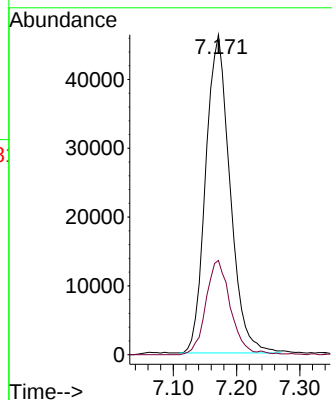
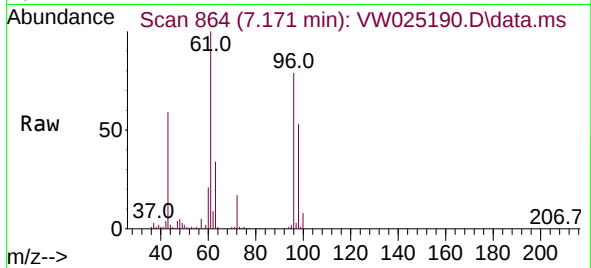




#22
2-Butanone
Concen: 55.078 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

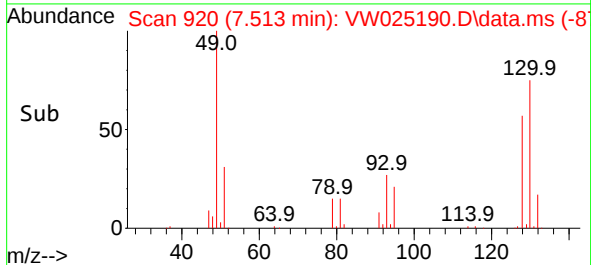
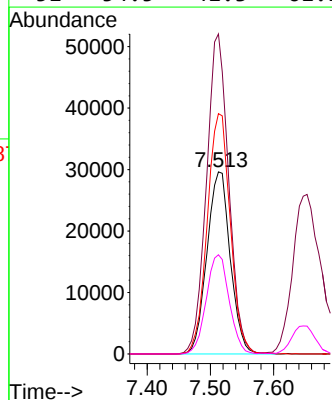
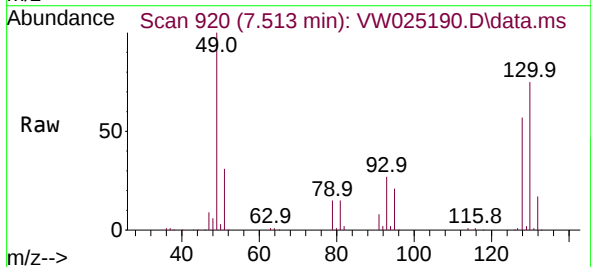
Instrument :
MSVOA_W
ClientSampleId :
GBQ97MS

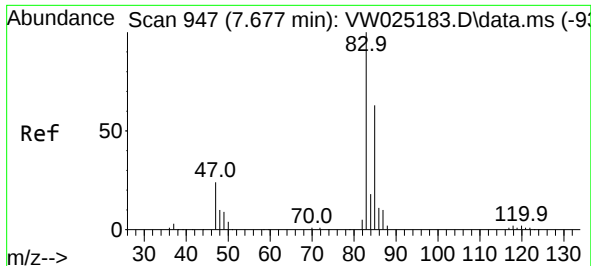
Tgt Ion: 43 Resp: 123834
Ion Ratio Lower Upper
43 100
72 29.6 15.0 45.0



#23
Bromochloromethane
Concen: 21.150 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

Tgt Ion:128 Resp: 75929
Ion Ratio Lower Upper
128 100
49 175.7 114.1 211.9
130 132.0 89.0 165.2
51 54.5 41.3 61.9

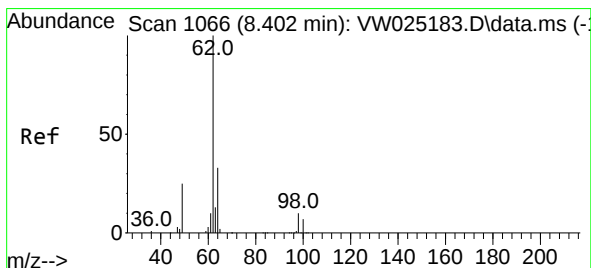
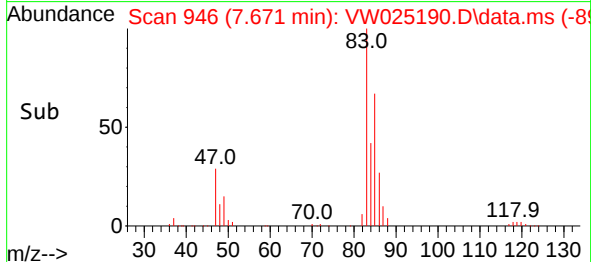
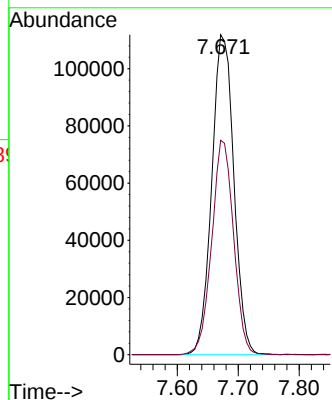
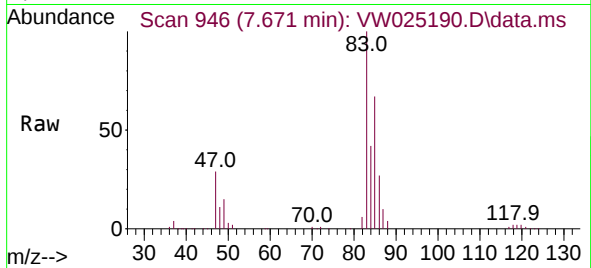




#25
Chloroform
Concen: 19.204 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

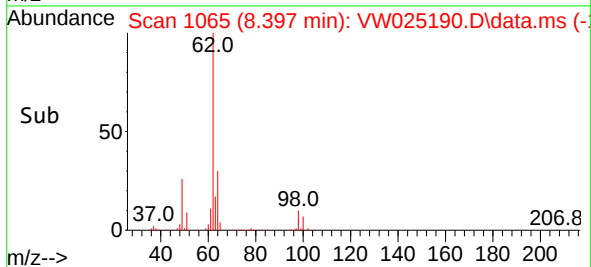
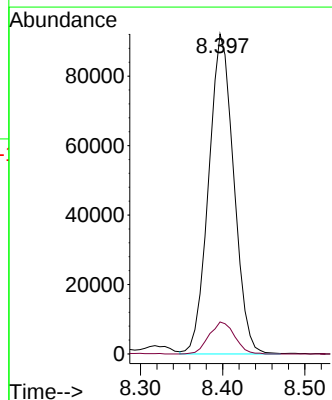
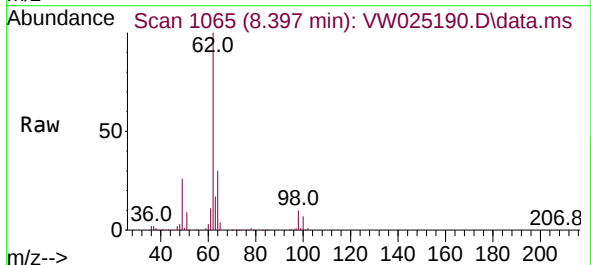
Instrument :
MSVOA_W
ClientSampleId :
GBQ97MS

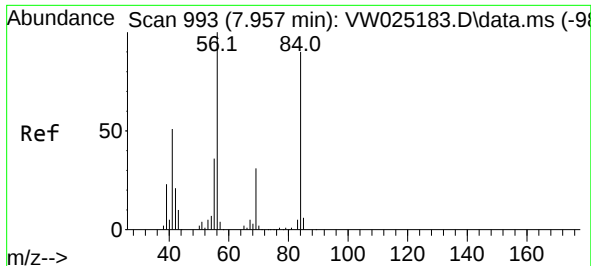
Tgt Ion: 83 Resp: 281741
Ion Ratio Lower Upper
83 100
85 67.0 45.4 84.2



#27
1,2-Dichloroethane
Concen: 21.195 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

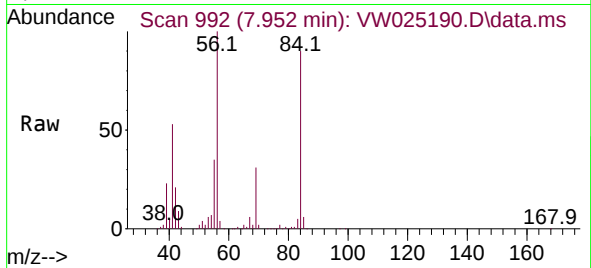
Tgt Ion: 62 Resp: 195783
Ion Ratio Lower Upper
62 100
98 10.0 7.8 11.8



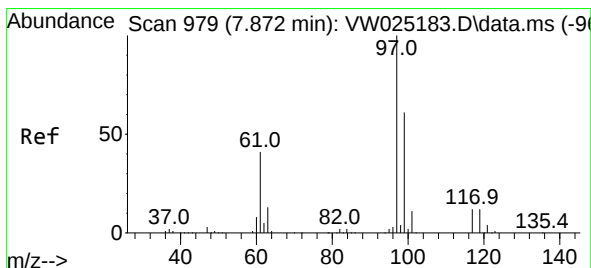
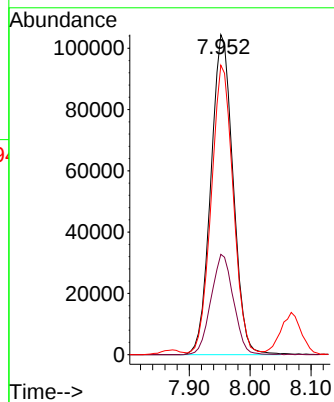
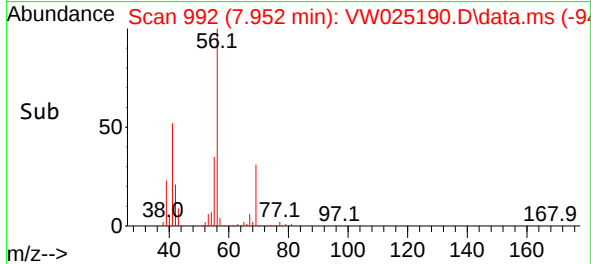


#29
Cyclohexane
Concen: 20.238 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

Instrument :
MSVOA_W
ClientSampleId :
GBQ97MS

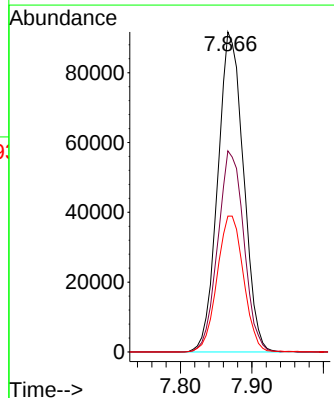
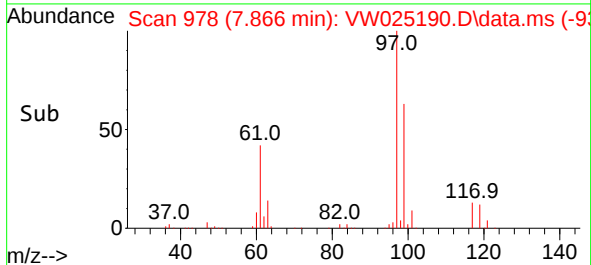
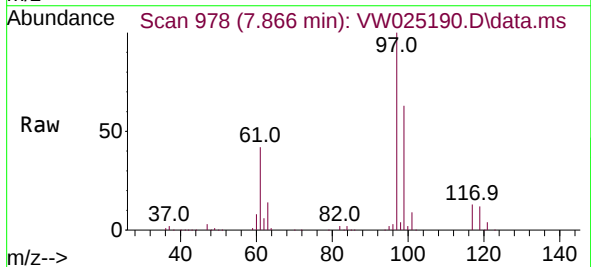


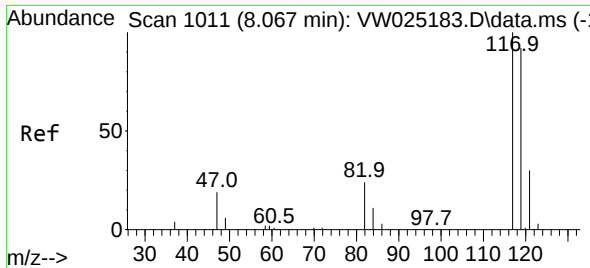
Tgt Ion: 56 Resp: 265153
Ion Ratio Lower Upper
56 100
69 31.5 25.0 37.6
84 89.6 70.9 106.3



#30
1,1,1-Trichloroethane
Concen: 18.753 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

Tgt Ion: 97 Resp: 229054
Ion Ratio Lower Upper
97 100
99 63.7 50.9 76.3
61 43.6 35.5 53.3

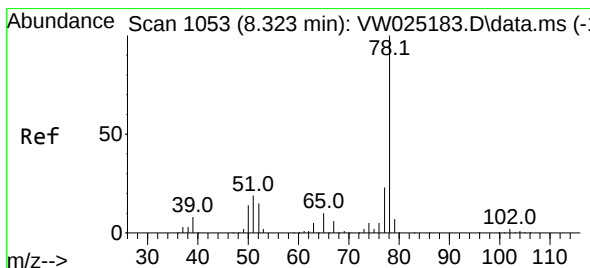
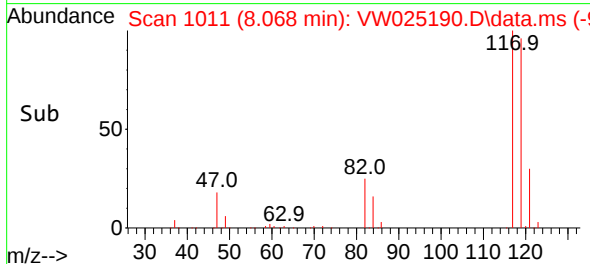
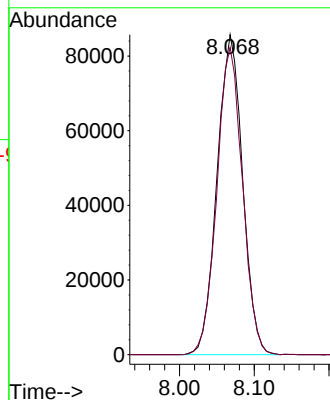
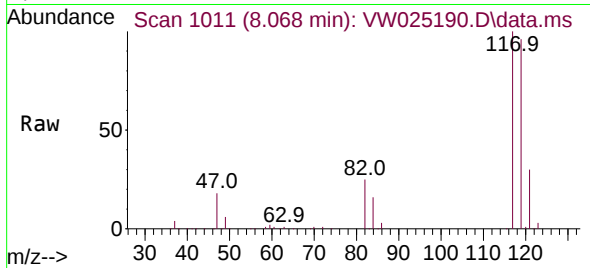




#31
Carbon tetrachloride
Concen: 18.152 ug/L
RT: 8.068 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

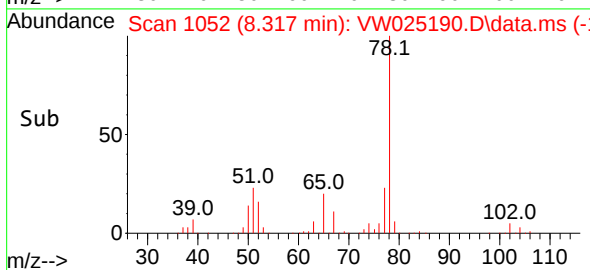
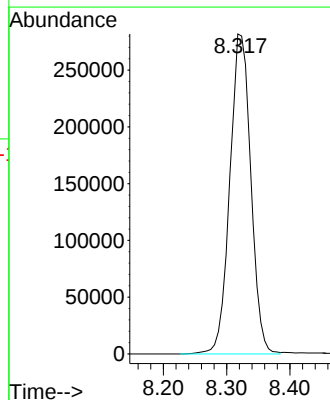
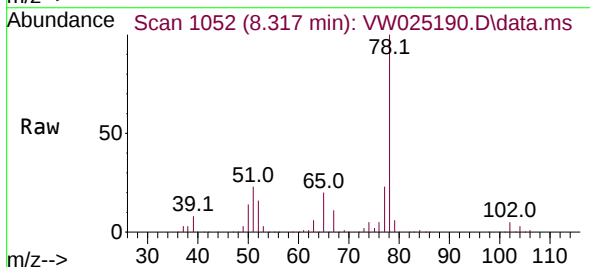
Instrument :
MSVOA_W
ClientSampleId :
GBQ97MS

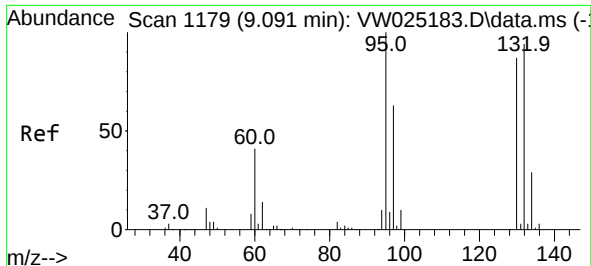
Tgt Ion:117 Resp: 203858
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.4



#33
Benzene
Concen: 20.280 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

Tgt Ion: 78 Resp: 650032

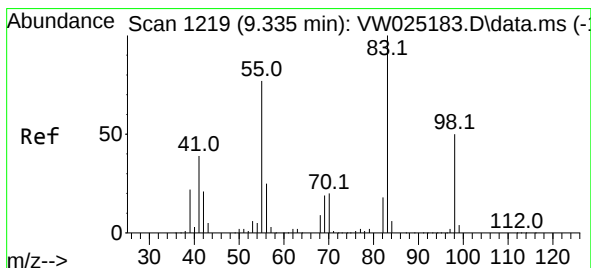
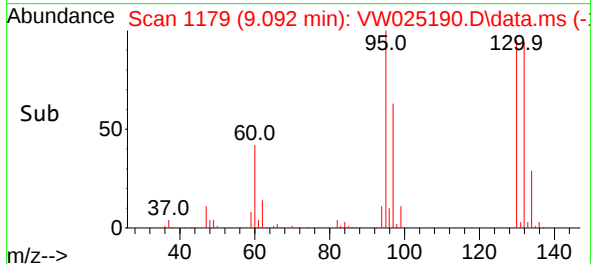
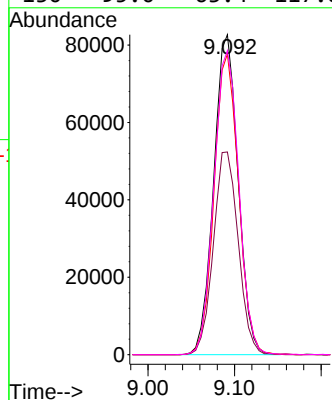
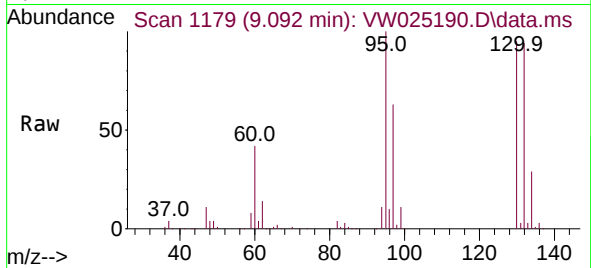




#34
Trichloroethene
Concen: 19.293 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

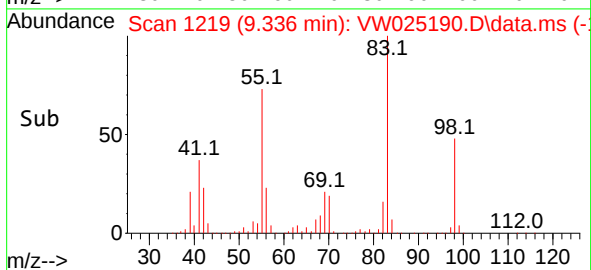
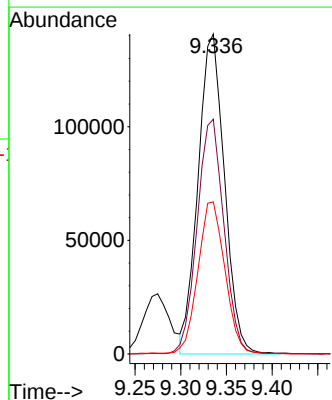
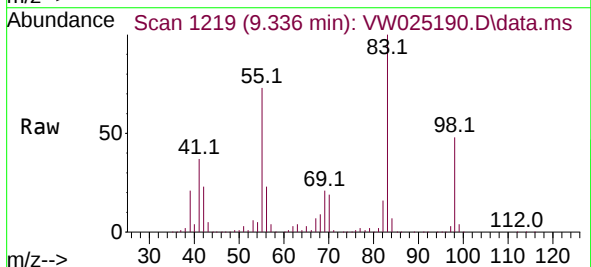
Instrument :
MSVOA_W
ClientSampleId :
GBQ97MS

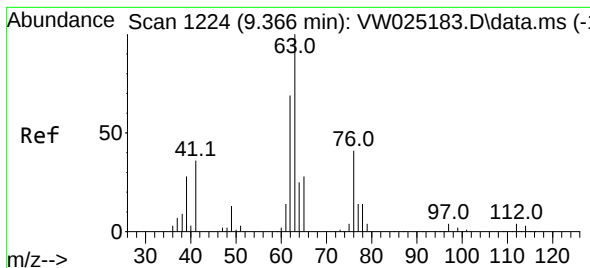
Tgt Ion: 95 Resp: 161987
Ion Ratio Lower Upper
95 100
97 63.4 44.3 82.3
132 94.0 63.0 117.0
130 95.0 63.4 117.8



#35
Methylcyclohexane
Concen: 18.990 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

Tgt Ion: 83 Resp: 282798
Ion Ratio Lower Upper
83 100
55 74.5 59.3 88.9
98 48.7 38.6 57.8





#37

1,2-Dichloropropane

Concen: 20.897 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW025190.D

Acq: 23 Dec 2022 12:29

Instrument :

MSVOA_W

ClientSampleId :

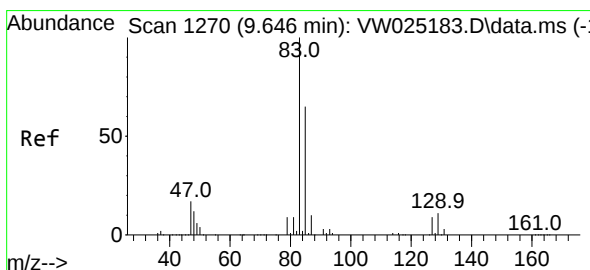
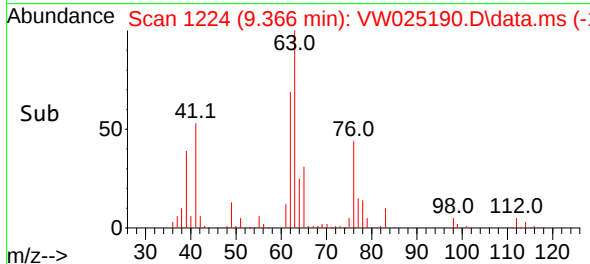
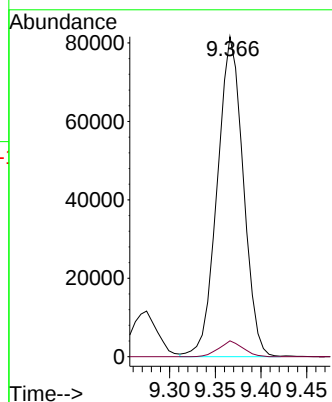
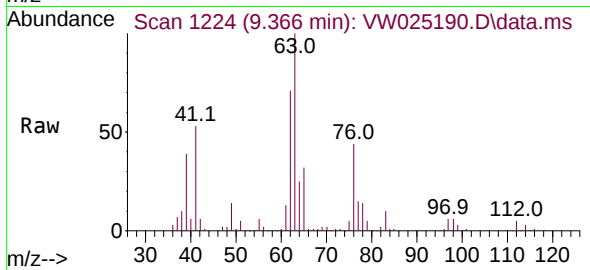
GBQ97MS

Tgt Ion: 63 Resp: 161556

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



#38

Bromodichloromethane

Concen: 20.656 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW025190.D

Acq: 23 Dec 2022 12:29

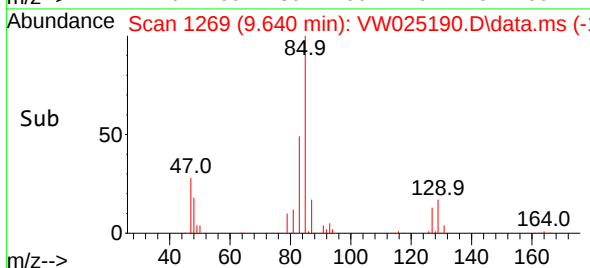
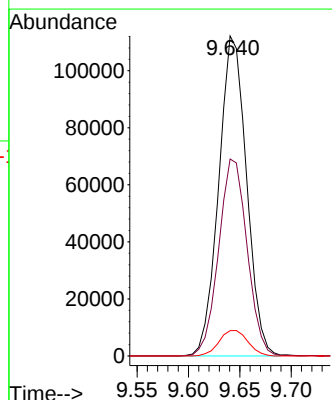
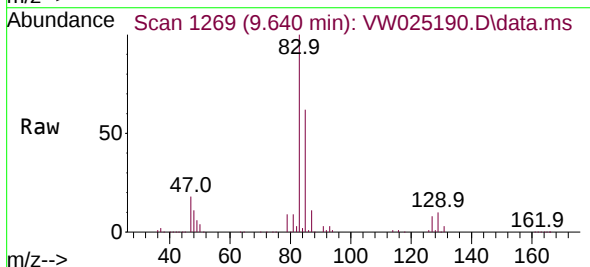
Tgt Ion: 83 Resp: 210959

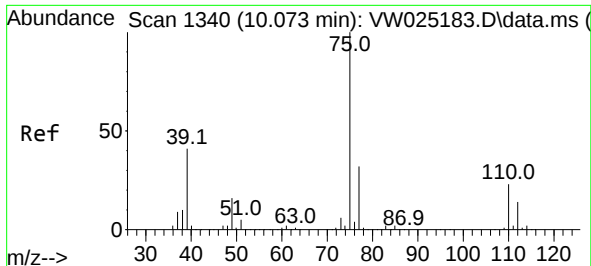
Ion Ratio Lower Upper

83 100

85 61.6 44.2 82.2

127 7.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 22.434 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025190.D

Acq: 23 Dec 2022 12:29

Instrument :

MSVOA_W

ClientSampleId :

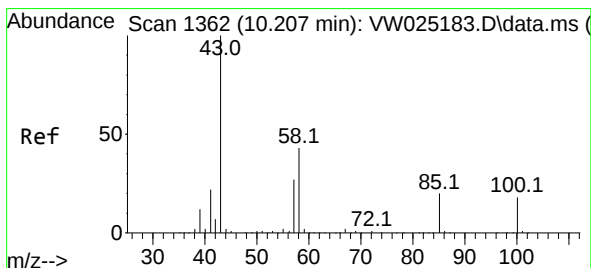
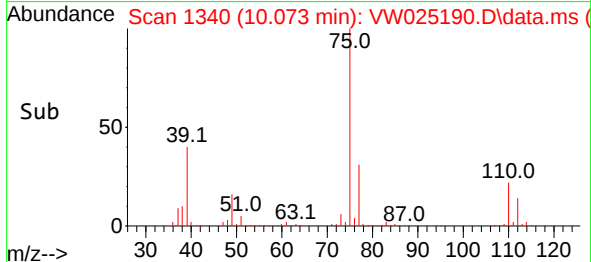
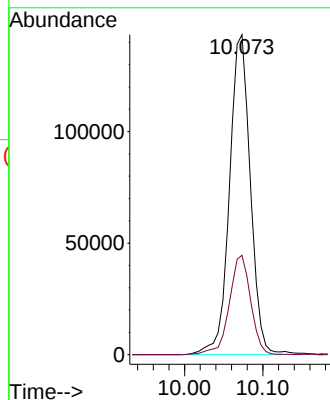
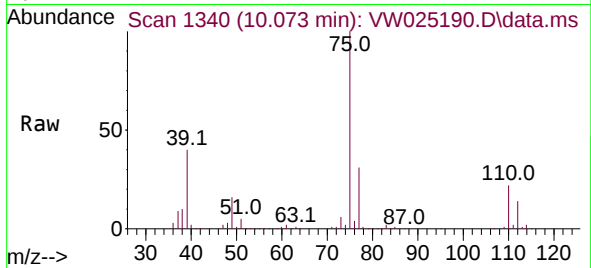
GBQ97MS

Tgt Ion: 75 Resp: 264996

Ion Ratio Lower Upper

75 100

77 31.1 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 68.591 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025190.D

Acq: 23 Dec 2022 12:29

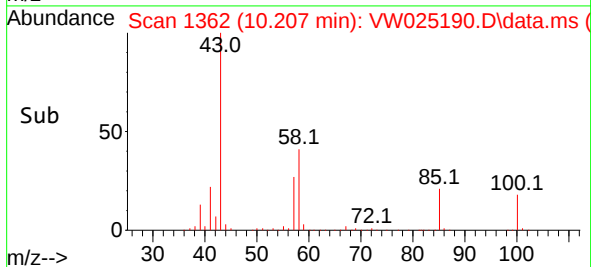
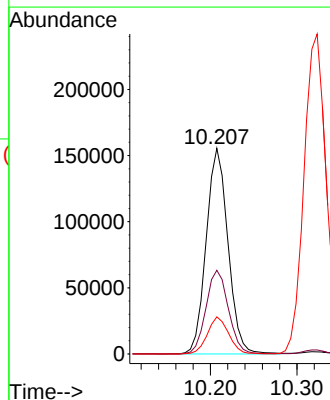
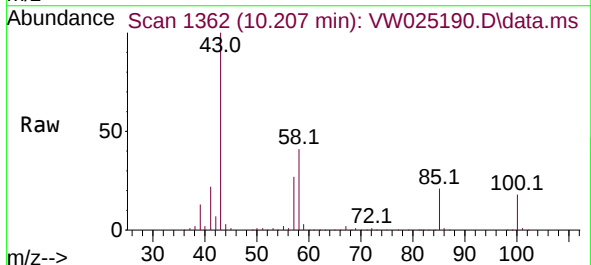
Tgt Ion: 43 Resp: 271827

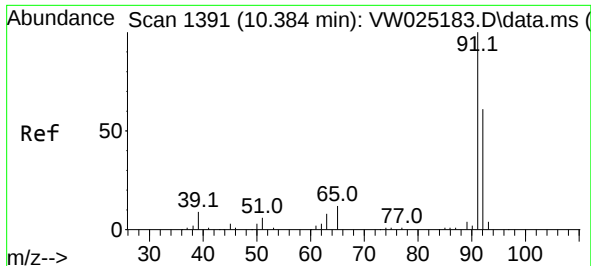
Ion Ratio Lower Upper

43 100

58 41.9 33.3 49.9

100 17.6 13.8 20.6

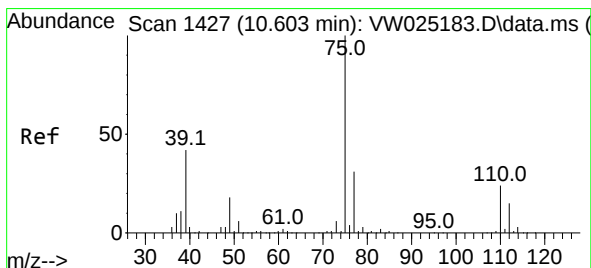
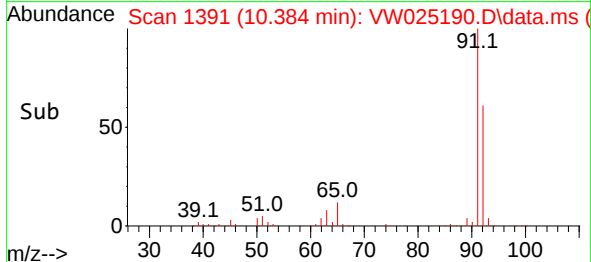
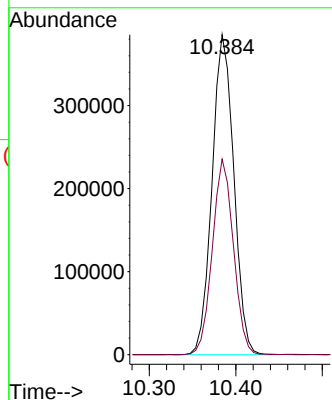
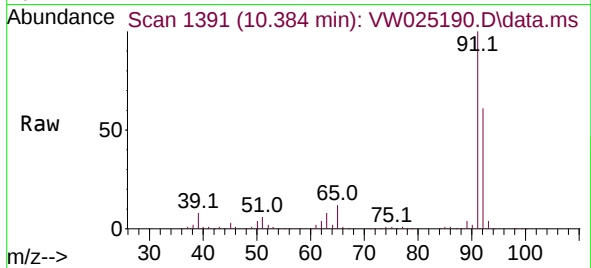




#42
Toluene
Concen: 19.993 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

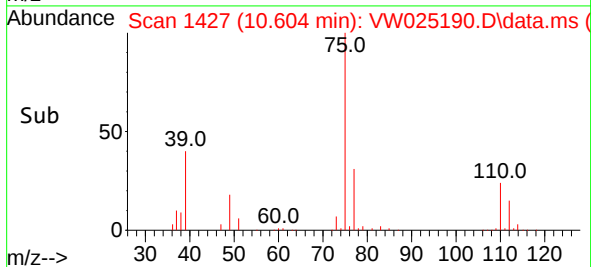
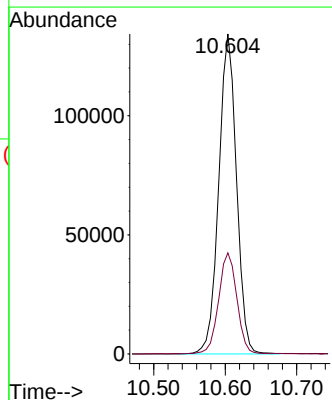
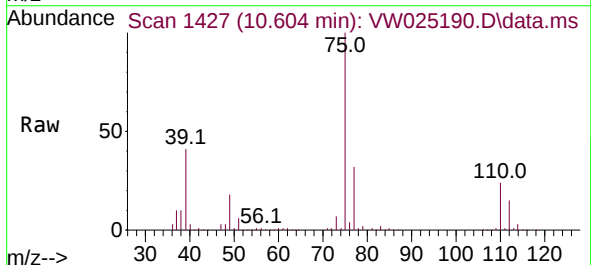
Instrument :
MSVOA_W
ClientSampleId :
GBQ97MS

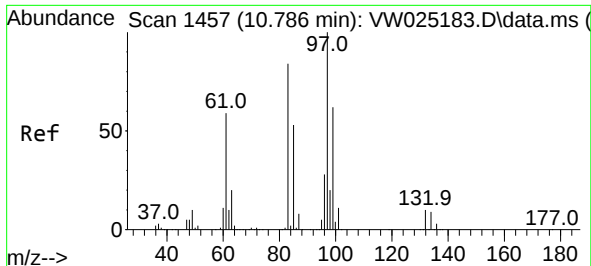
Tgt Ion: 91 Resp: 671432
Ion Ratio Lower Upper
91 100
92 61.1 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 22.896 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

Tgt Ion: 75 Resp: 231620
Ion Ratio Lower Upper
75 100
77 31.6 22.5 41.7



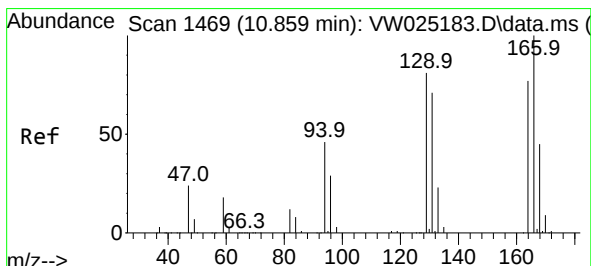
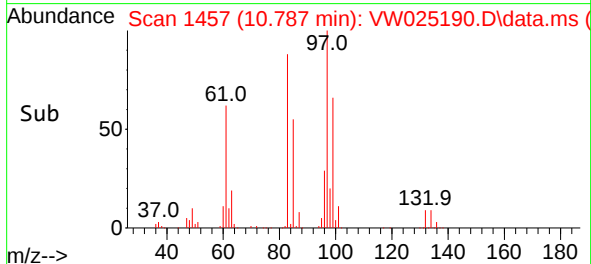
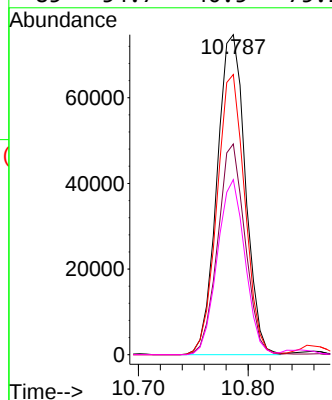
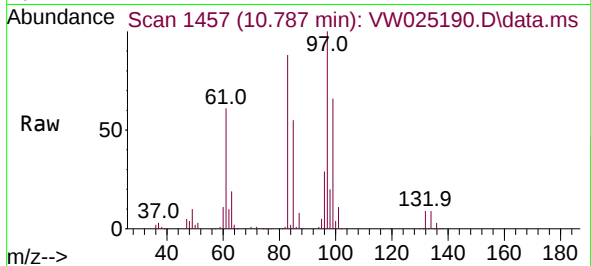


#45
1,1,2-Trichloroethane
Concen: 24.374 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

Instrument :
MSVOA_W
ClientSampleId :
GBQ97MS

Tgt Ion: 97 Resp: 134472

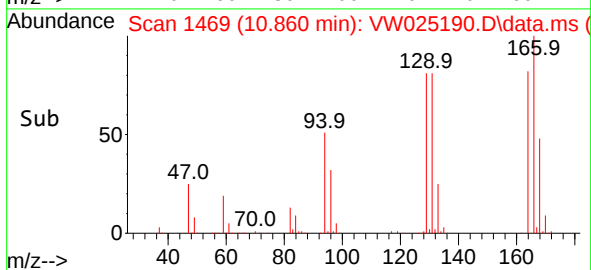
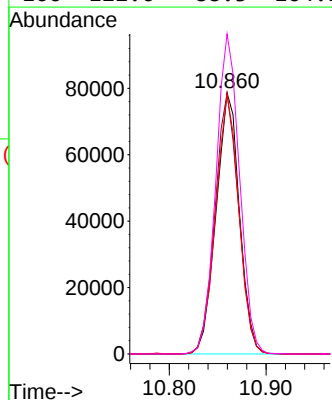
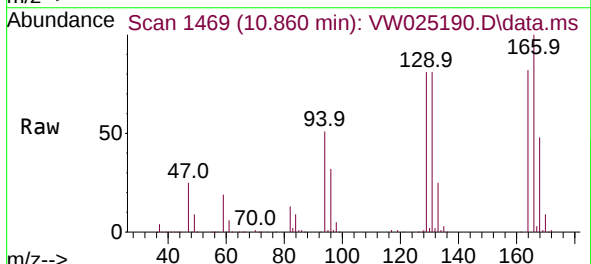
Ion	Ratio	Lower	Upper
97	100		
99	65.9	44.3	82.3
83	87.6	61.3	113.9
85	54.7	40.5	75.1

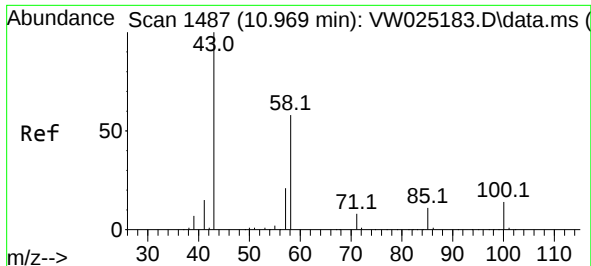


#46
Tetrachloroethene
Concen: 21.571 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

Tgt Ion: 164 Resp: 131844

Ion	Ratio	Lower	Upper
164	100		
129	99.9	73.4	136.4
131	99.2	70.8	131.4
166	122.6	88.3	164.1

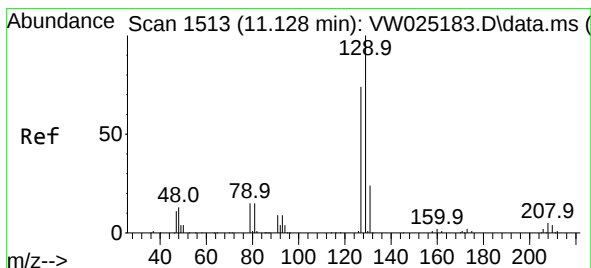
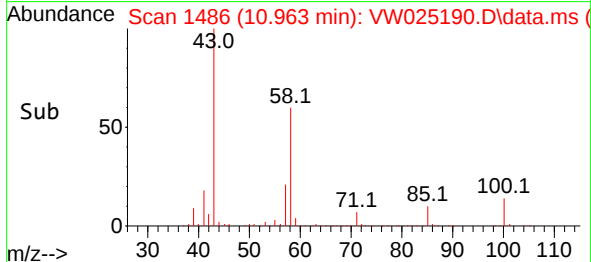
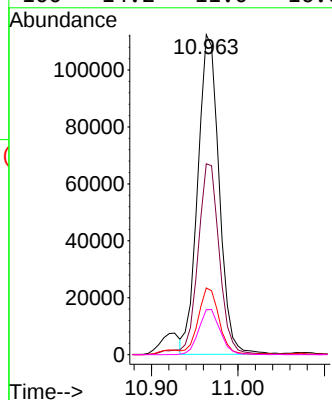
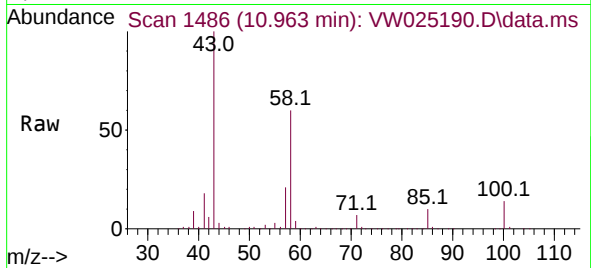




#48
2-Hexanone
Concen: 66.493 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

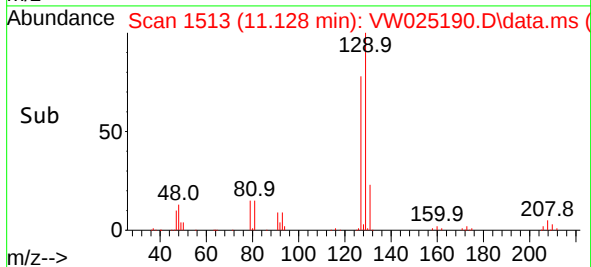
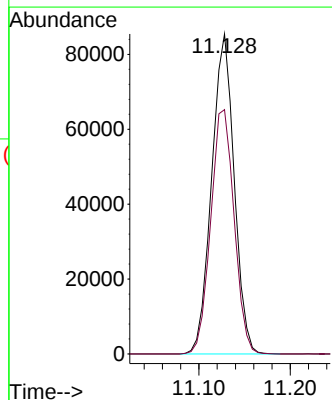
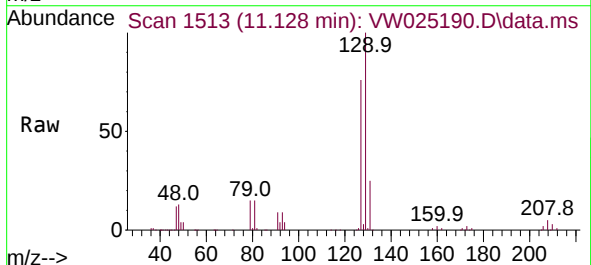
Instrument :
MSVOA_W
ClientSampleId :
GBQ97MS

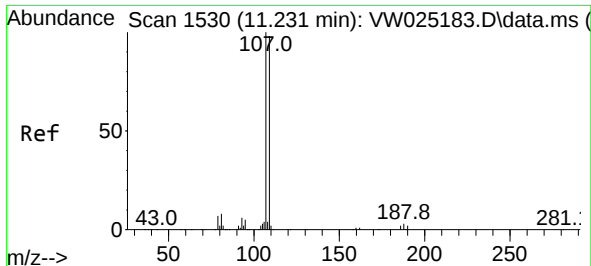
Tgt Ion:	43	Resp:	192476
Ion	Ratio	Lower	Upper
43	100		
58	60.4	46.6	69.8
57	20.4	16.7	25.1
100	14.2	11.0	16.6



#49
Dibromochloromethane
Concen: 22.036 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

Tgt Ion:	129	Resp:	146001
Ion	Ratio	Lower	Upper
129	100		
127	76.3	49.7	92.3





#50

1,2-Dibromoethane

Concen: 25.786 ug/L

RT: 11.232 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW025190.D

Acq: 23 Dec 2022 12:29

Instrument :

MSVOA_W

ClientSampleId :

GBQ97MS

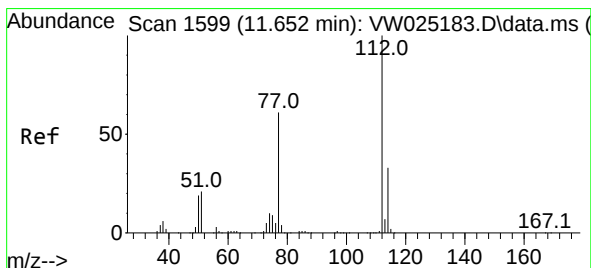
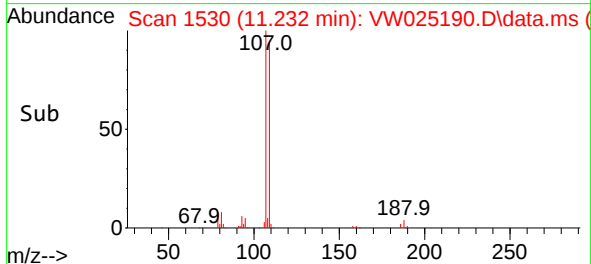
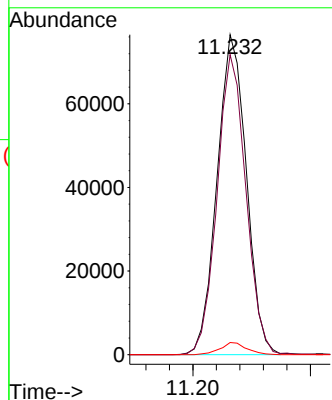
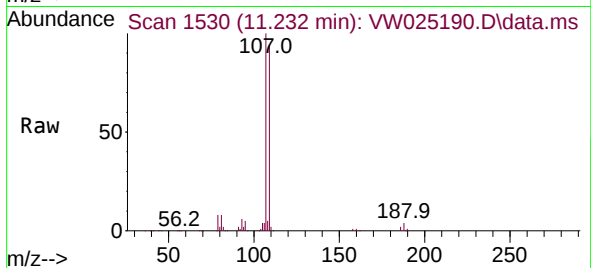
Tgt Ion:107 Resp: 132449

Ion Ratio Lower Upper

107 100

109 93.8 66.8 124.2

188 3.8 2.9 4.3



#51

Chlorobenzene

Concen: 19.658 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW025190.D

Acq: 23 Dec 2022 12:29

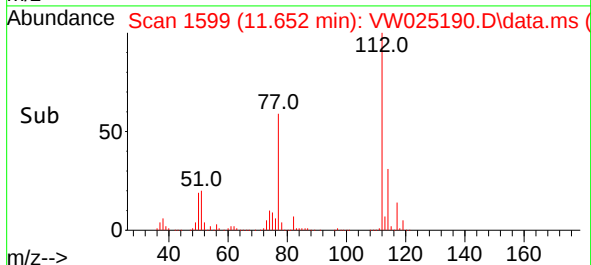
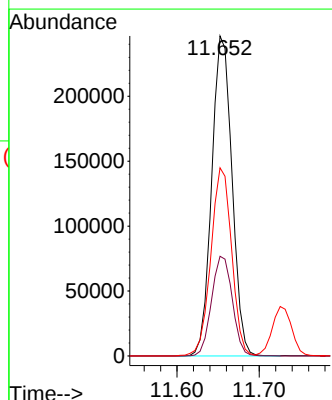
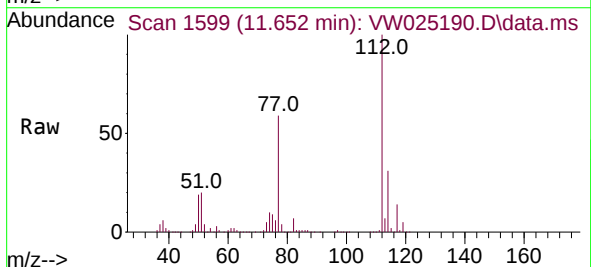
Tgt Ion:112 Resp: 422493

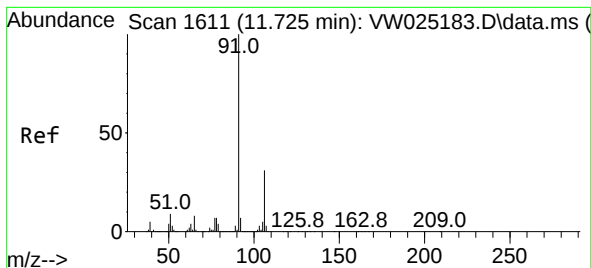
Ion Ratio Lower Upper

112 100

114 31.2 23.2 43.2

77 58.8 47.2 70.8

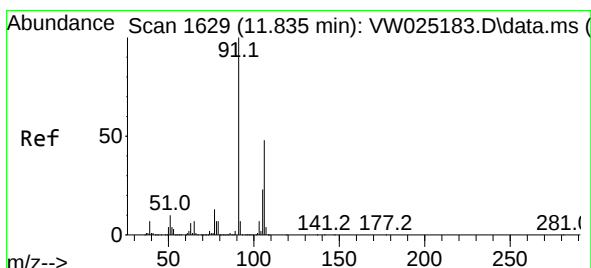
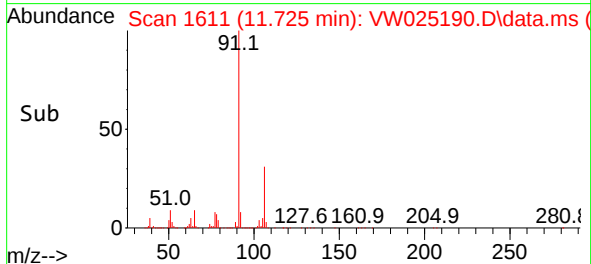
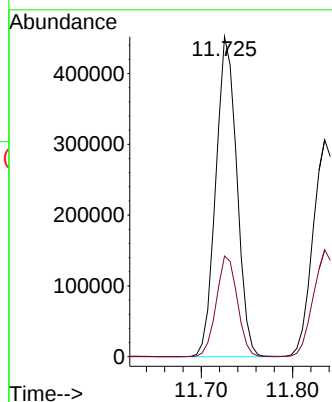
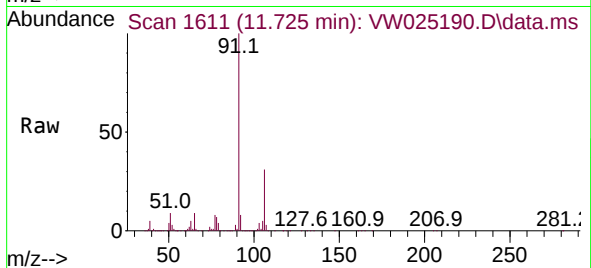




#52
Ethylbenzene
Concen: 18.988 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

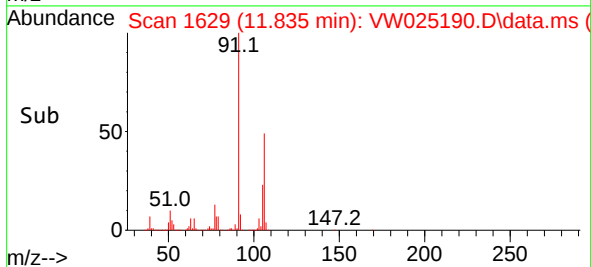
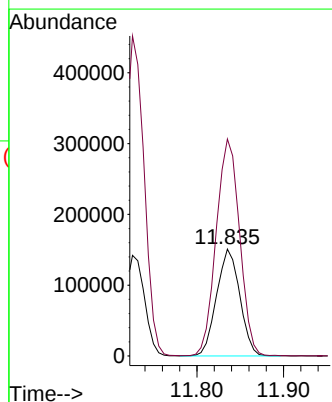
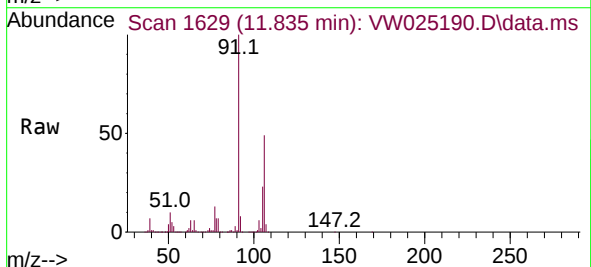
Instrument :
MSVOA_W
ClientSampleId :
GBQ97MS

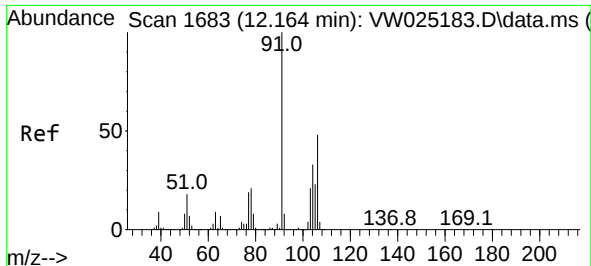
Tgt Ion: 91 Resp: 722646
Ion Ratio Lower Upper
91 100
106 31.5 21.9 40.7



#53
m,p-Xylene
Concen: 19.302 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

Tgt Ion: 106 Resp: 280537
Ion Ratio Lower Upper
106 100
91 202.8 139.7 259.4

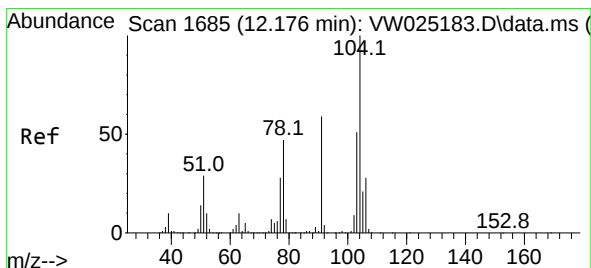
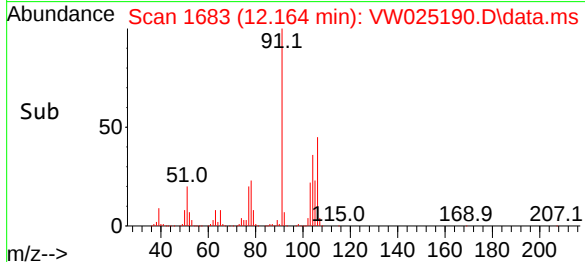
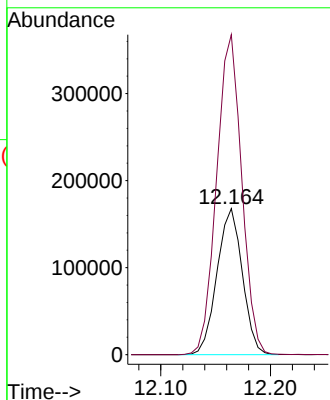
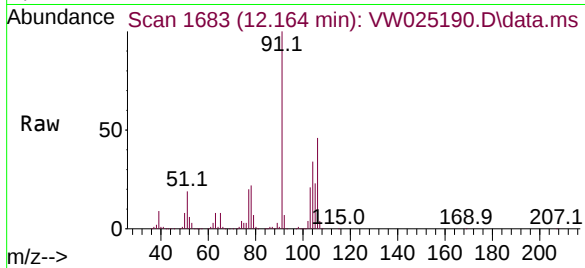




#54
o-Xylene
Concen: 19.487 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

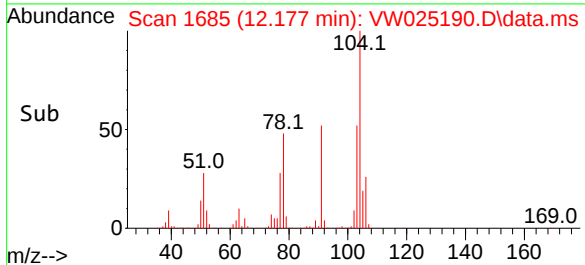
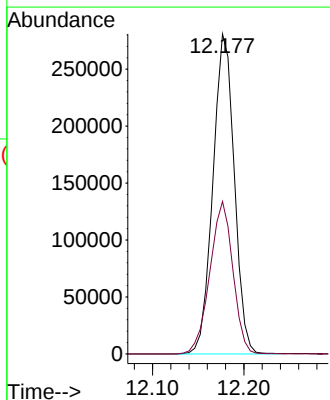
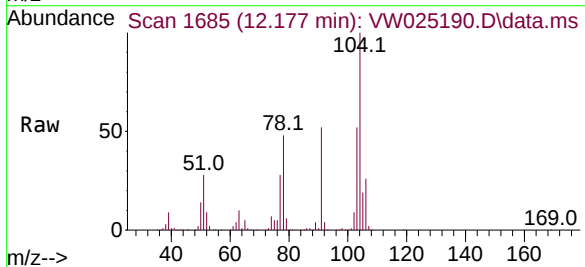
Instrument :
MSVOA_W
ClientSampleId :
GBQ97MS

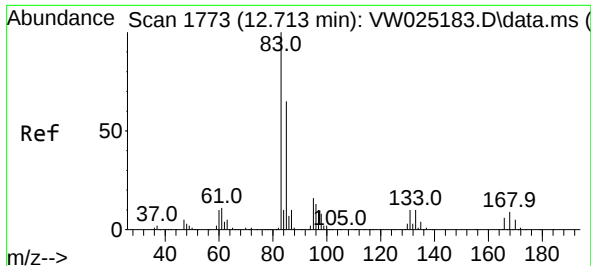
Tgt Ion:106 Resp: 269927
Ion Ratio Lower Upper
106 100
91 219.1 148.8 276.4



#55
Styrene
Concen: 19.519 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

Tgt Ion:104 Resp: 457877
Ion Ratio Lower Upper
104 100
78 47.7 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 27.435 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025190.D

Acq: 23 Dec 2022 12:29

Instrument :

MSVOA_W

ClientSampleId :

GBQ97MS

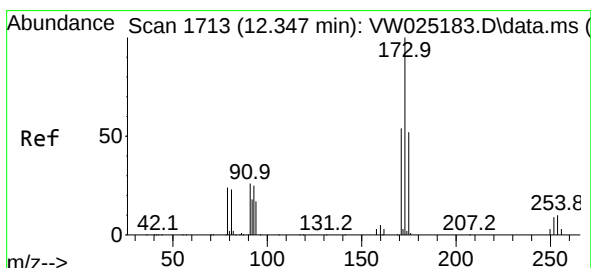
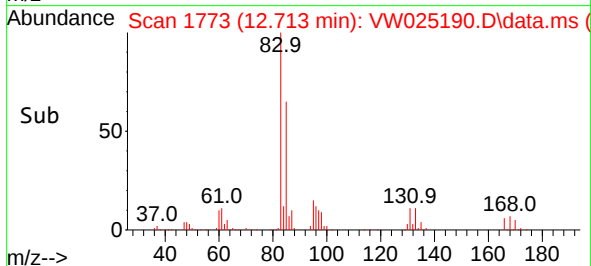
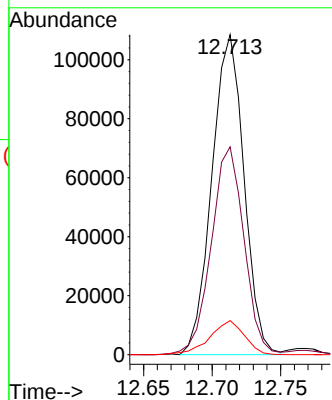
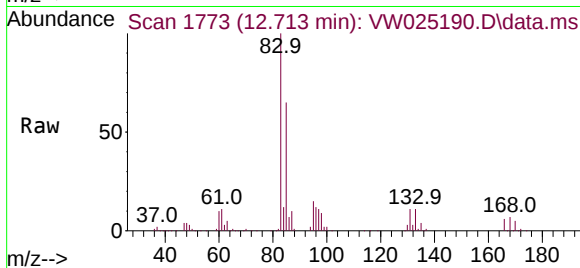
Tgt Ion: 83 Resp: 177006

Ion Ratio Lower Upper

83 100

85 64.9 46.8 87.0

131 10.7 8.2 12.2



#59

Bromoform

Concen: 26.270 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025190.D

Acq: 23 Dec 2022 12:29

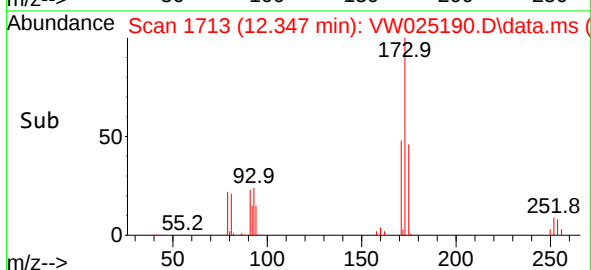
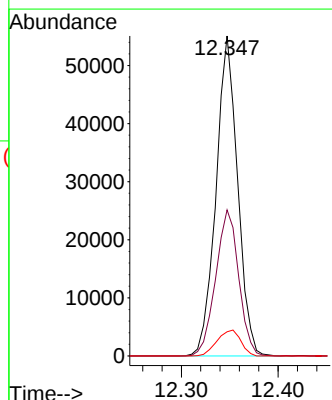
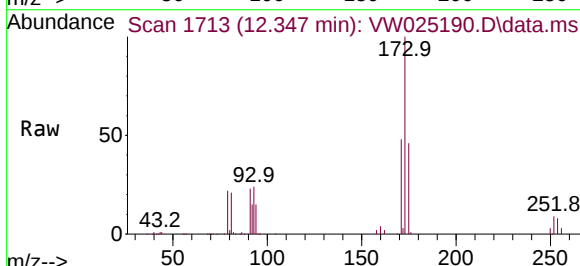
Tgt Ion:173 Resp: 85287

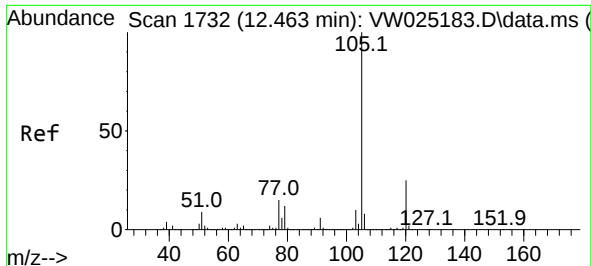
Ion Ratio Lower Upper

173 100

175 48.5 37.4 56.0

254 8.9 6.8 10.2

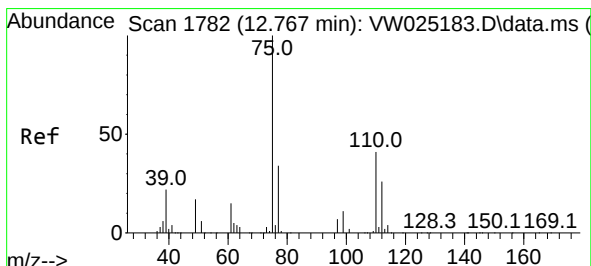
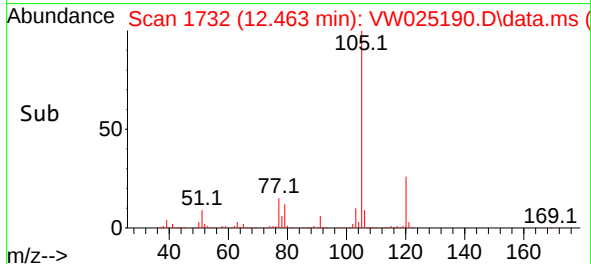
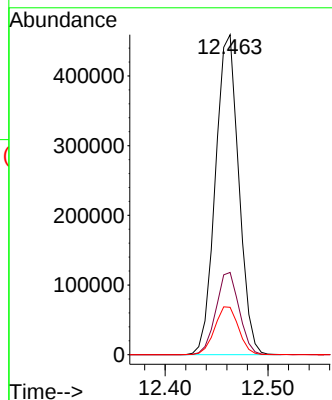
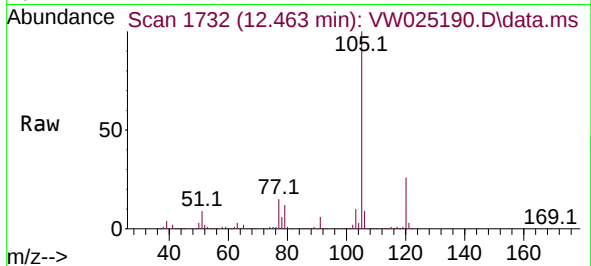




#60
Isopropylbenzene
Concen: 19.959 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

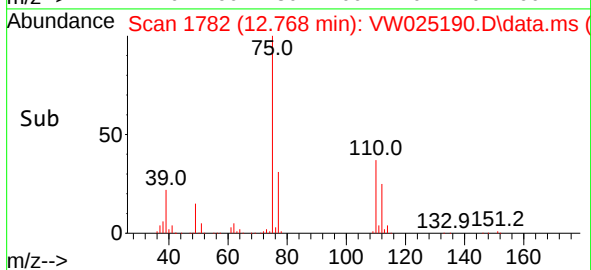
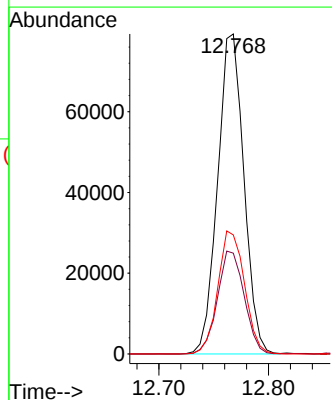
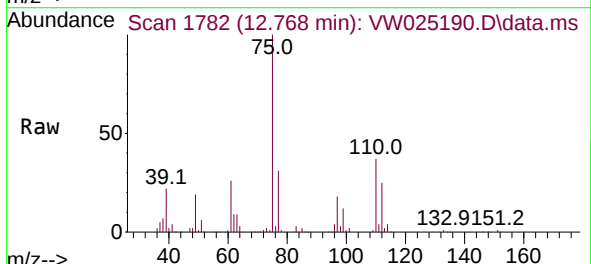
Instrument :
MSVOA_W
ClientSampleId :
GBQ97MS

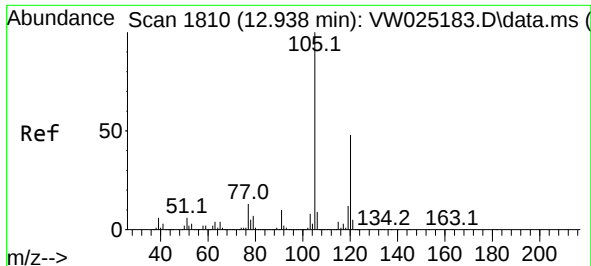
Tgt Ion:105 Resp: 723288
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0
77 15.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 29.039 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

Tgt Ion: 75 Resp: 131958
Ion Ratio Lower Upper
75 100
77 32.9 26.6 40.0
110 39.0 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 19.714 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW025190.D

Acq: 23 Dec 2022 12:29

Instrument :

MSVOA_W

ClientSampleId :

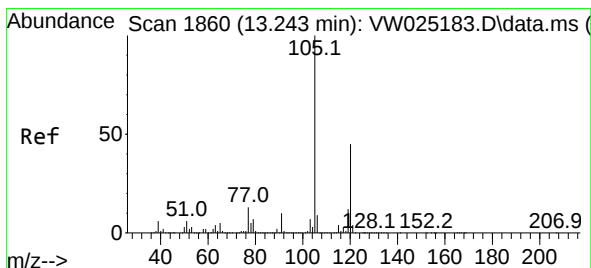
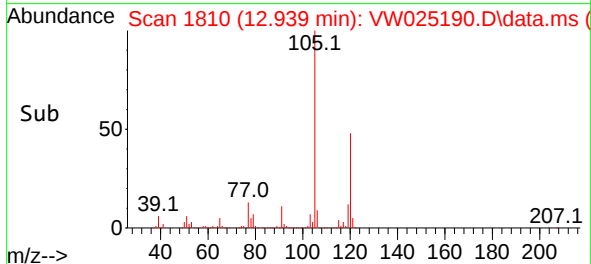
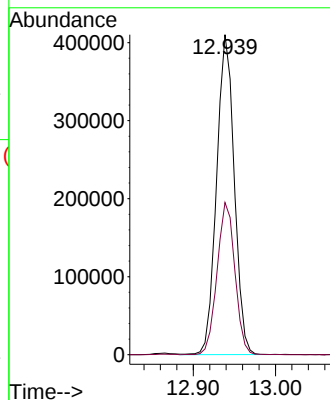
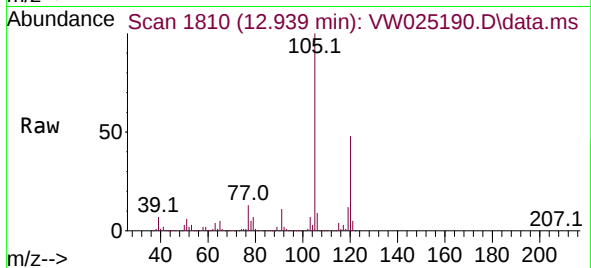
GBQ97MS

Tgt Ion:105 Resp: 611950

Ion Ratio Lower Upper

105 100

120 48.0 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 20.206 ug/L

RT: 13.250 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VW025190.D

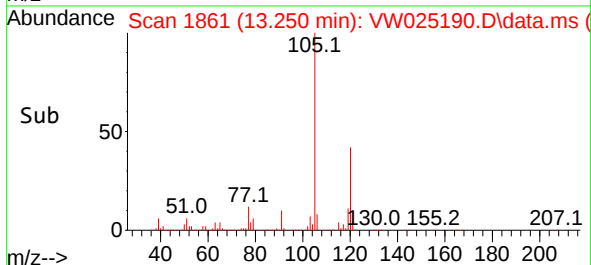
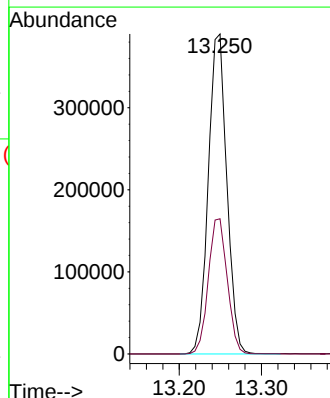
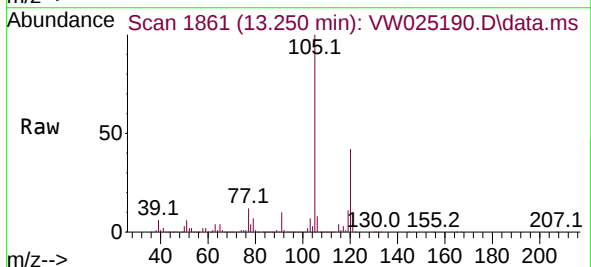
Acq: 23 Dec 2022 12:29

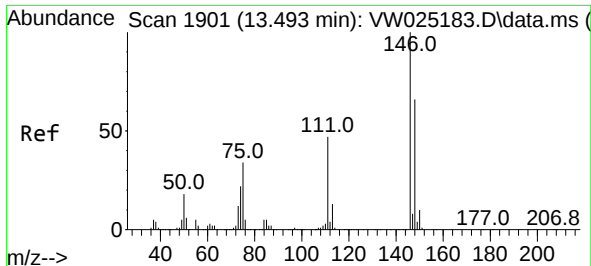
Tgt Ion:105 Resp: 609334

Ion Ratio Lower Upper

105 100

120 43.2 36.1 54.1

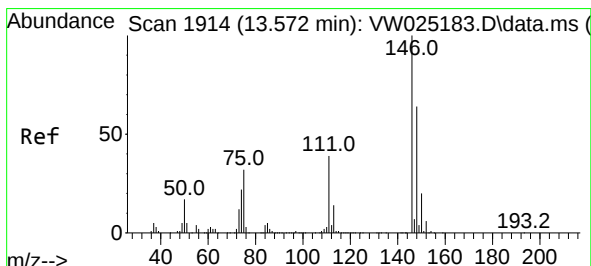
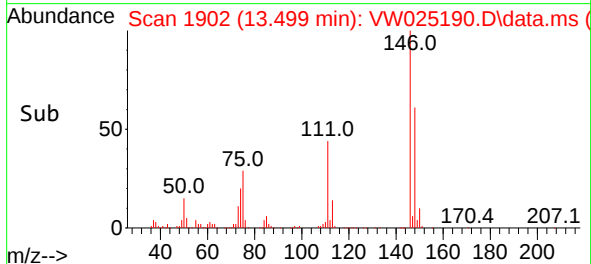
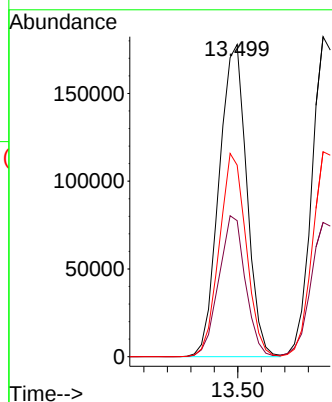
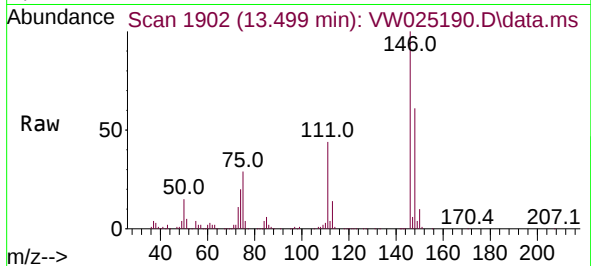




#64
1,3-Dichlorobenzene
Concen: 19.634 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.007 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

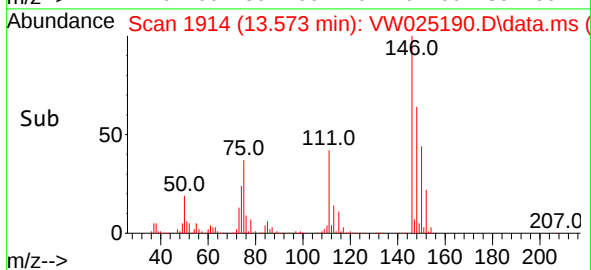
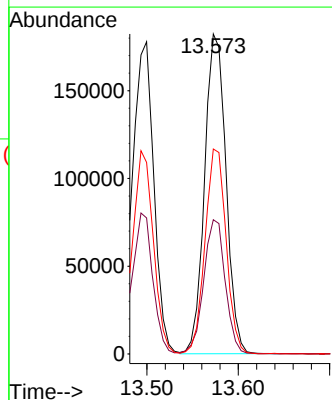
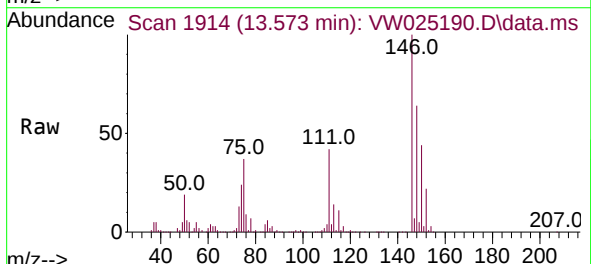
Instrument :
MSVOA_W
ClientSampleId :
GBQ97MS

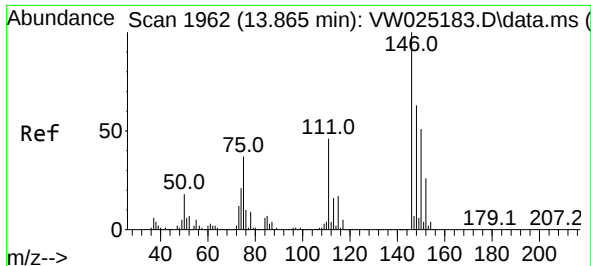
Tgt Ion:146 Resp: 291282
Ion Ratio Lower Upper
146 100
111 43.6 30.2 56.0
148 61.4 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 19.883 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW025190.D
Acq: 23 Dec 2022 12:29

Tgt Ion:146 Resp: 297056
Ion Ratio Lower Upper
146 100
111 41.9 27.4 51.0
148 64.1 41.6 77.3





#67

1,2-Dichlorobenzene

Concen: 21.430 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.007 min

Lab File: VW025190.D

Acq: 23 Dec 2022 12:29

Instrument :

MSVOA_W

ClientSampleId :

GBQ97MS

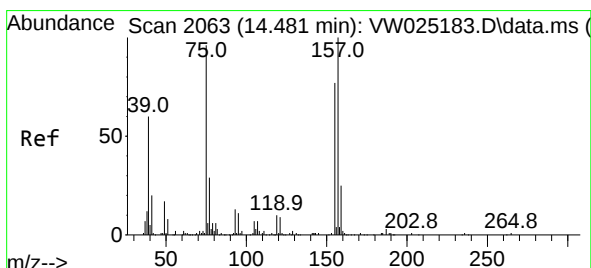
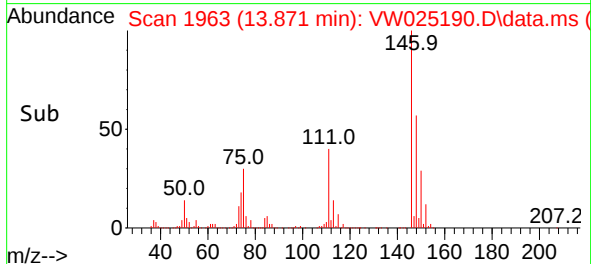
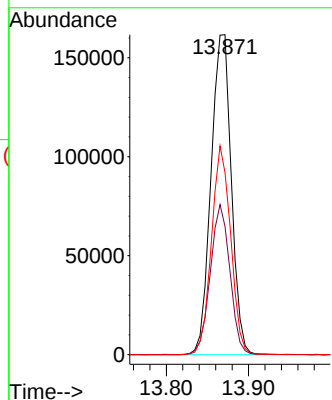
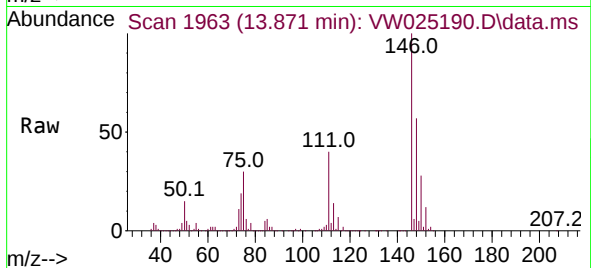
Tgt Ion:146 Resp: 277258

Ion Ratio Lower Upper

146 100

111 40.1 34.3 51.5

148 56.9 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 31.279 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025190.D

Acq: 23 Dec 2022 12:29

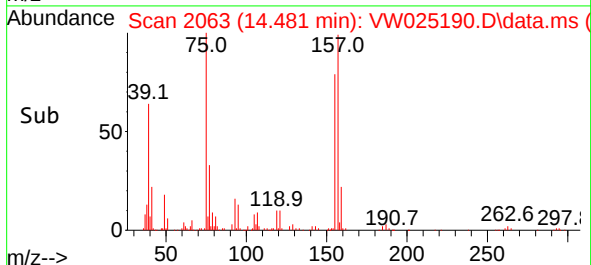
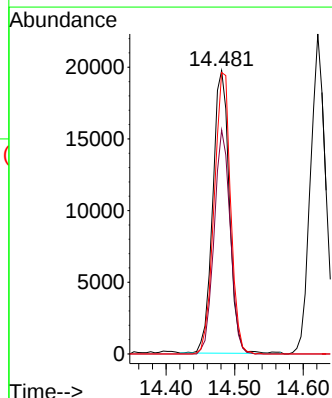
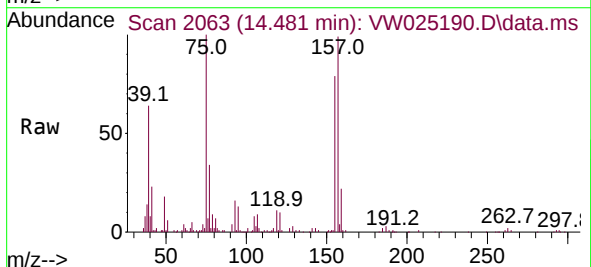
Tgt Ion: 75 Resp: 33140

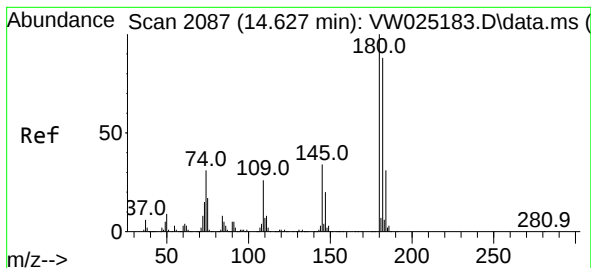
Ion Ratio Lower Upper

75 100

155 79.0 60.3 90.5

157 99.3 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 16.735 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW025190.D

Acq: 23 Dec 2022 12:29

Instrument :

MSVOA_W

ClientSampleId :

GBQ97MS

Tgt Ion:180 Resp: 176293

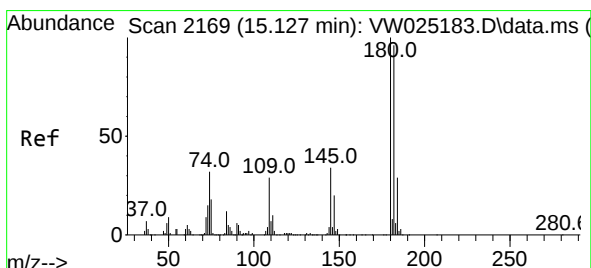
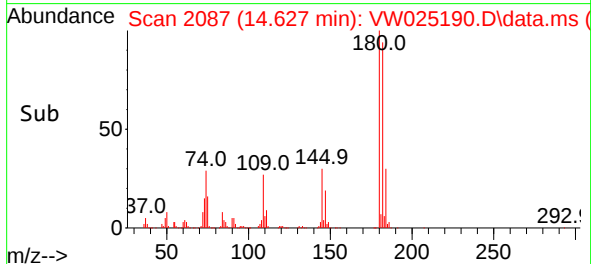
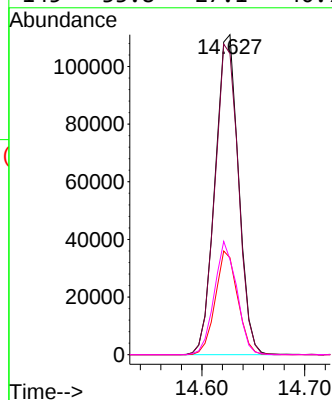
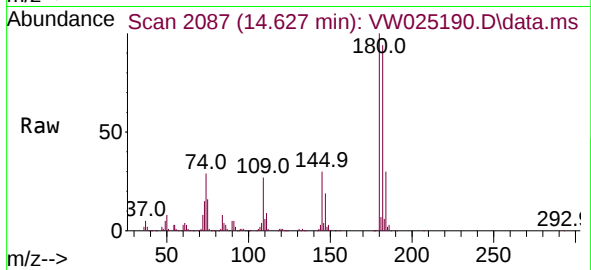
Ion Ratio Lower Upper

180 100

182 97.3 77.8 116.6

184 30.8 24.3 36.5

145 33.8 27.1 40.7



#70

1,2,4-trichlorobenzene

Concen: 17.743 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW025190.D

Acq: 23 Dec 2022 12:29

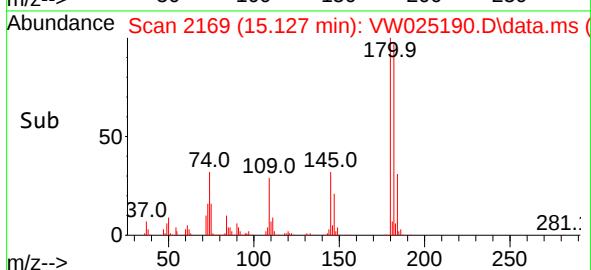
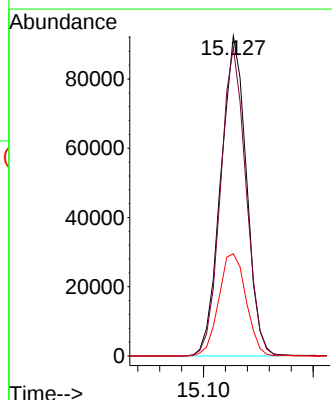
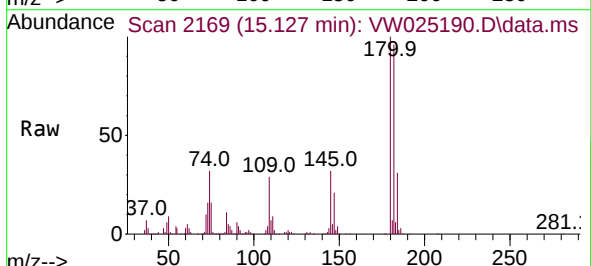
Tgt Ion:180 Resp: 149966

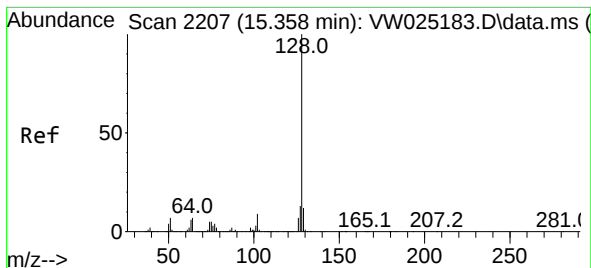
Ion Ratio Lower Upper

180 100

182 95.6 77.2 115.8

145 34.0 26.9 40.3





#71

Naphthalene

Concen: 24.429 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW025190.D

Acq: 23 Dec 2022 12:29

Instrument :

MSVOA_W

ClientSampleId :

GBQ97MS

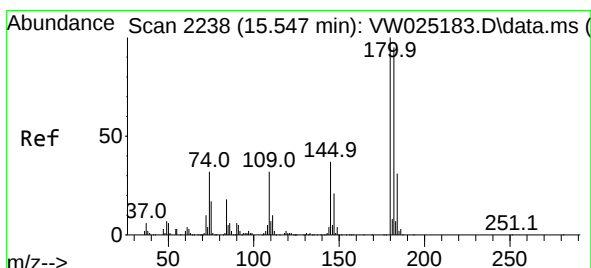
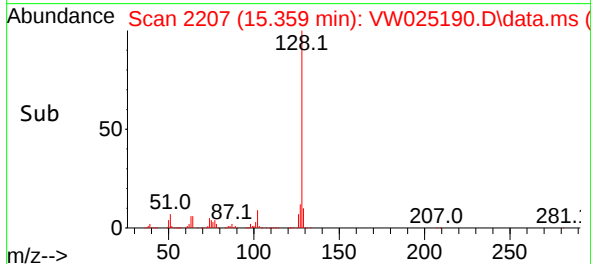
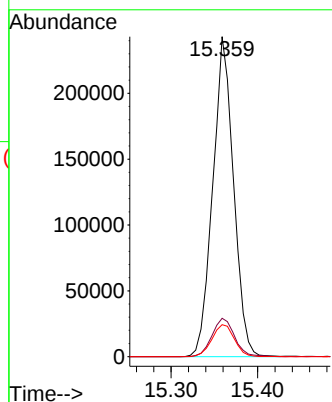
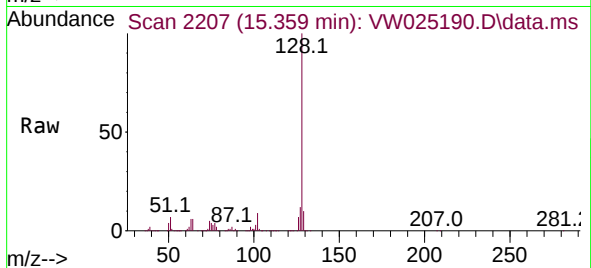
Tgt Ion:128 Resp: 404777

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 17.882 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW025190.D

Acq: 23 Dec 2022 12:29

Tgt Ion:180 Resp: 132452

Ion Ratio Lower Upper

180 100

182 93.9 76.4 114.6

145 36.5 29.6 44.4

