

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122322\
 Data File : VW025183.D
 Acq On : 23 Dec 2022 09:00
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 21:55:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 23 02:08:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	601643	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	522428	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	253116	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	137624	19.843	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.360%
7) Chloroethane-d5	2.885	69	96698	21.593	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.360%
11) 1,1-Dichloroethene-d2	4.019	63	363036	23.893	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.560%
21) 2-Butanone-d5	7.079	46	98988	56.851	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.700%
24) Chloroform-d	7.646	84	361966	23.307	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.240%
26) 1,2-Dichloroethane-d4	8.305	65	182705	23.199	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	8.274	84	759567	24.792	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.160%
36) 1,2-Dichloropropane-d6	9.274	67	223524	25.074	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.280%
41) Toluene-d8	10.323	98	678811	24.436	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.760%
43) trans-1,3-Dichloroprop...	10.579	79	93149	24.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.960%
47) 2-Hexanone-d5	10.920	63	81532	62.336	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.680%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	171316	26.024	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	211229	24.621	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	73295	20.102	ug/L	98
3) Chloromethane	2.215	50	130598	20.341	ug/L	97
5) Vinyl chloride	2.361	62	169115	21.056	ug/L	99
6) Bromomethane	2.781	94	85595	20.567	ug/L	96
8) Chloroethane	2.922	64	80054	21.550	ug/L	99
9) Trichlorofluoromethane	3.257	101	143622	23.861	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	189897	23.884	ug/L	97
12) 1,1-Dichloroethene	4.037	96	181770	23.980	ug/L	96
13) Acetone	4.123	43	103822	58.007	ug/L	99
14) Carbon disulfide	4.385	76	541254	22.367	ug/L	100
15) Methyl Acetate	4.665	43	78332	26.814	ug/L	100
16) Methylene chloride	4.915	84	197540	21.007	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	193819	24.120	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	298169	25.007	ug/L	99
19) 1,1-Dichloroethane	6.214	63	345527	23.797	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	205300	24.162	ug/L	92
22) 2-Butanone	7.171	43	125679	55.815	ug/L	98
23) Bromochloromethane	7.512	128	85396	23.751	ug/L	98
25) Chloroform	7.677	83	342790	23.330	ug/L	98

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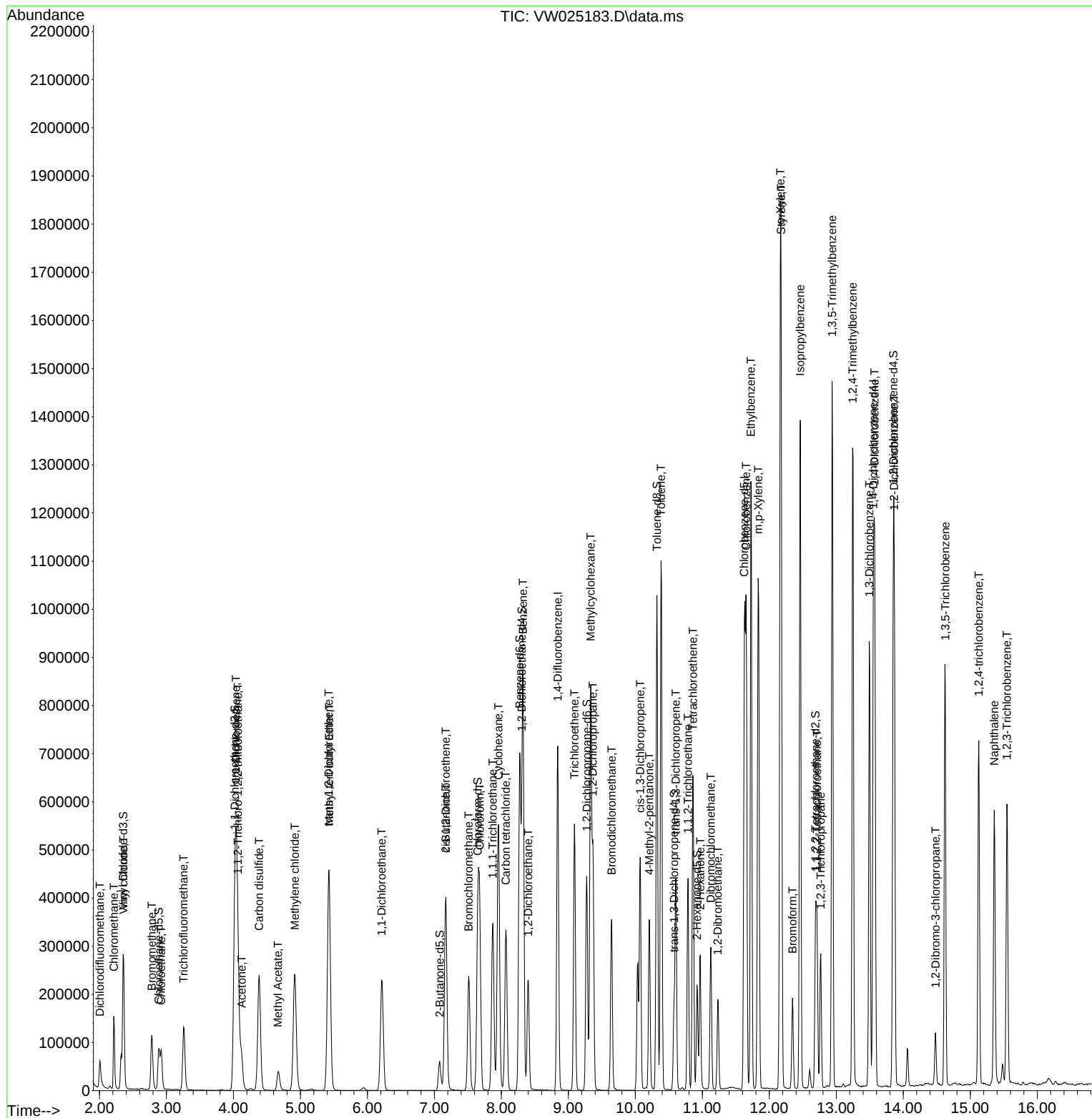
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	211985	22.915	ug/L	100
29) Cyclohexane	7.957	56	331355	25.048	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	292736	23.737	ug/L	98
31) Carbon tetrachloride	8.067	117	260910	23.009	ug/L	99
33) Benzene	8.323	78	783126	24.198	ug/L	100
34) Trichloroethene	9.091	95	201193	23.733	ug/L	97
35) Methylcyclohexane	9.335	83	362701	24.121	ug/L	99
37) 1,2-Dichloropropane	9.366	63	189520	24.280	ug/L	99
38) Bromodichloromethane	9.646	83	242972	23.562	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	300434	25.190	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	227278	56.800	ug/L	98
42) Toluene	10.384	91	824924	24.328	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	249524	24.429	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	138787	24.915	ug/L	96
46) Tetrachloroethene	10.859	164	148111	24.001	ug/L	96
48) 2-Hexanone	10.969	43	175212	59.949	ug/L	100
49) Dibromochloromethane	11.128	129	158575	23.704	ug/L	96
50) 1,2-Dibromoethane	11.231	107	131186	25.295	ug/L	97
51) Chlorobenzene	11.652	112	497459	22.924	ug/L	98
52) Ethylbenzene	11.725	91	912354	23.743	ug/L	99
53) m,p-Xylene	11.835	106	346916	23.640	ug/L	95
54) o-Xylene	12.164	106	335134	23.963	ug/L	97
55) Styrene	12.176	104	573999	24.235	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	165471	25.401	ug/L	98
59) Bromoform	12.347	173	85203	24.512	ug/L	98
60) Isopropylbenzene	12.463	105	919095	23.689	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	121515	24.976	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	795445	23.935	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	766852	23.752	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	370537	23.328	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	374412	23.407	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	329088	23.757	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	28049	24.727	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	261907	23.222	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	223930	24.746	ug/L	98
71) Naphthalene	15.358	128	487425	27.476	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	192011	24.212	ug/L	97

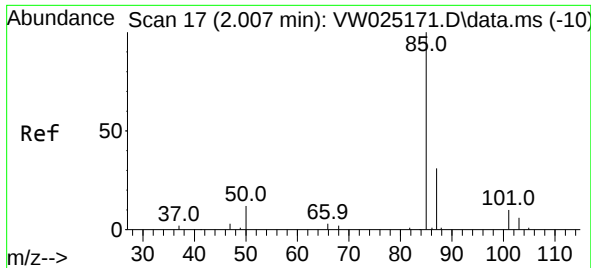
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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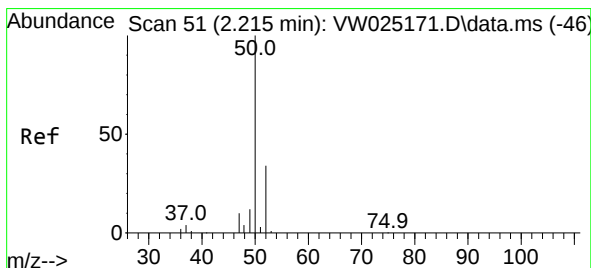
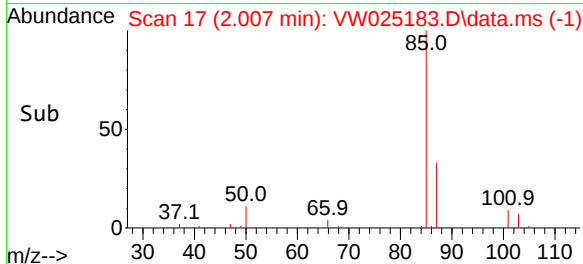
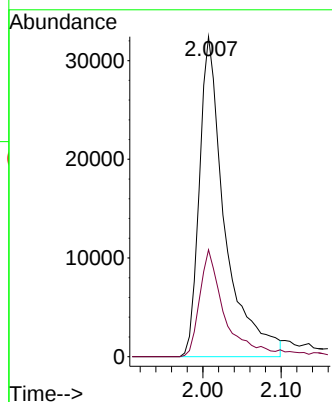
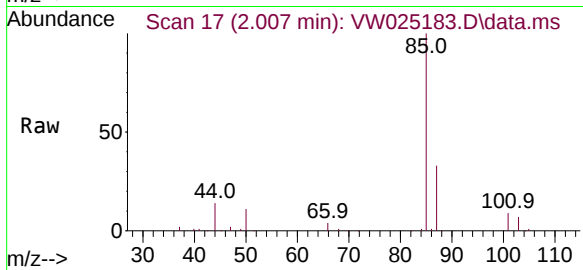




#2
 Dichlorodifluoromethane
 Concen: 20.102 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW025183.D
 Acq: 23 Dec 2022 09:00

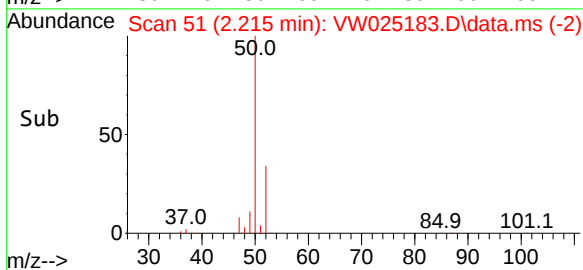
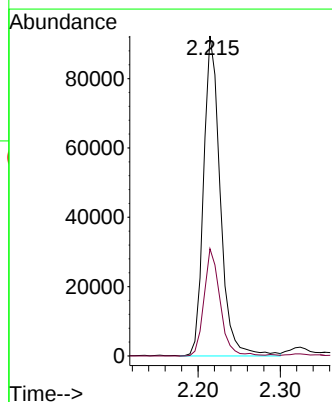
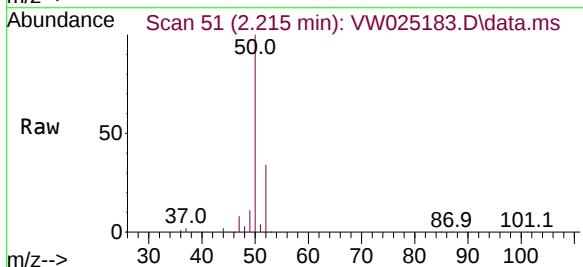
Instrument :
 MSVOA_W
 ClientSampleId :

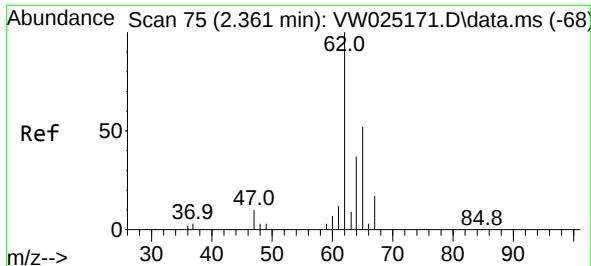
Tgt Ion: 85 Resp: 73295
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.0 37.6



#3
 Chloromethane
 Concen: 20.341 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW025183.D
 Acq: 23 Dec 2022 09:00

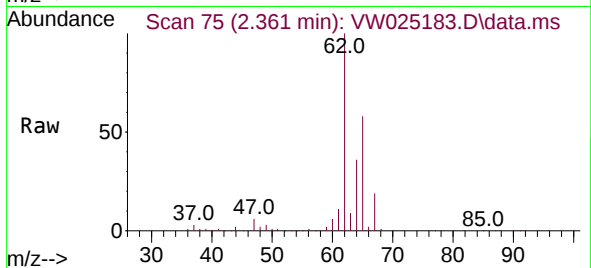
Tgt Ion: 50 Resp: 130598
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.1 41.1



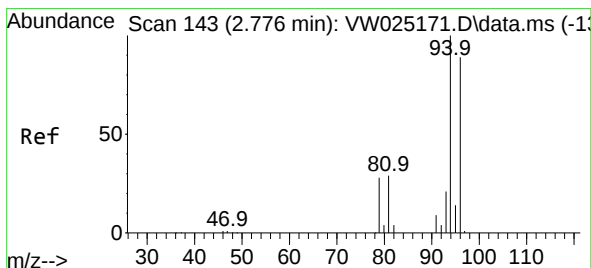
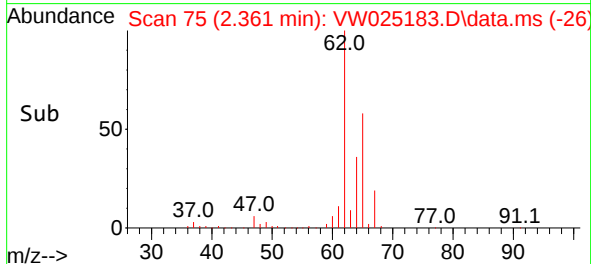
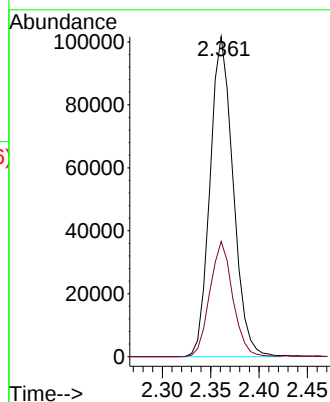


#5
 Vinyl chloride
 Concen: 21.056 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW025183.D
 Acq: 23 Dec 2022 09:00

Instrument :
 MSVOA_W
 ClientSampleId :

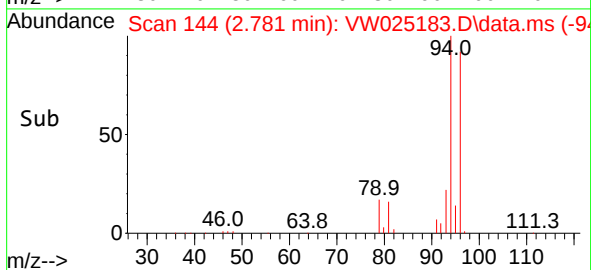
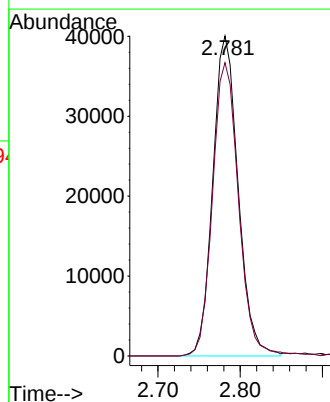
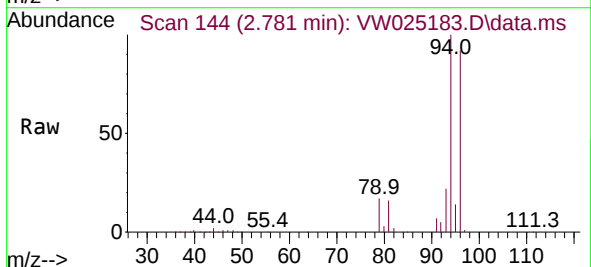


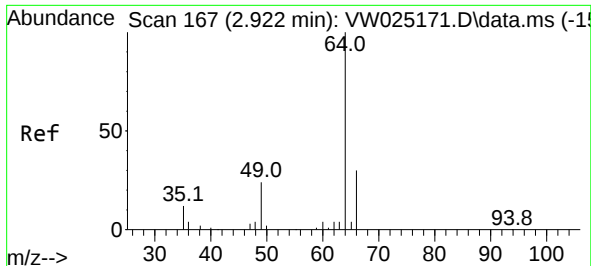
Tgt Ion: 62 Resp: 169115
 Ion Ratio Lower Upper
 62 100
 64 36.0 24.8 46.1



#6
 Bromomethane
 Concen: 20.567 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW025183.D
 Acq: 23 Dec 2022 09:00

Tgt Ion: 94 Resp: 85595
 Ion Ratio Lower Upper
 94 100
 96 91.6 66.7 123.9

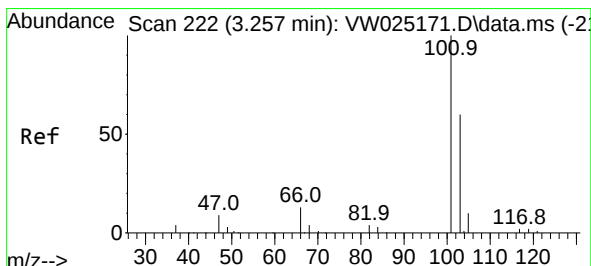
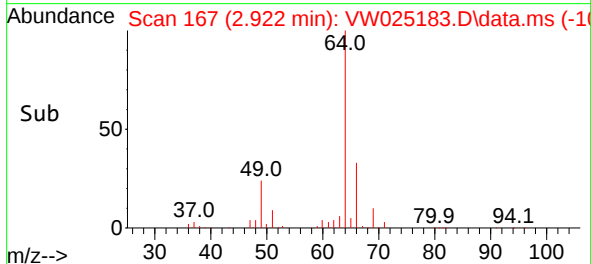
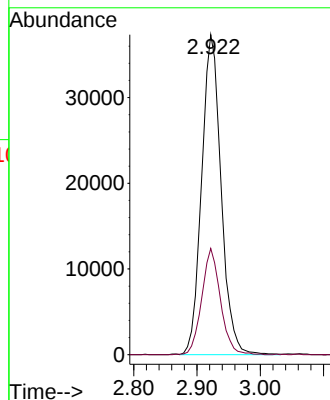
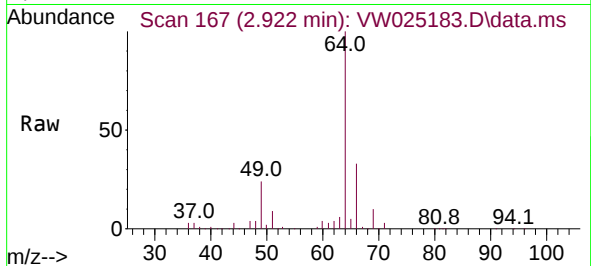




#8
Chloroethane
Concen: 21.550 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

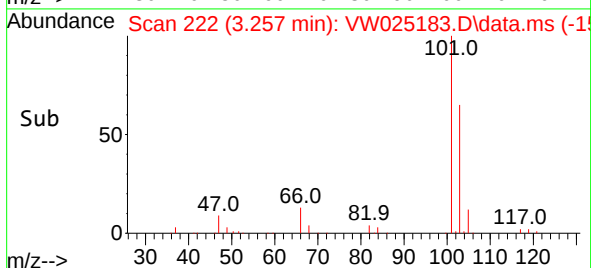
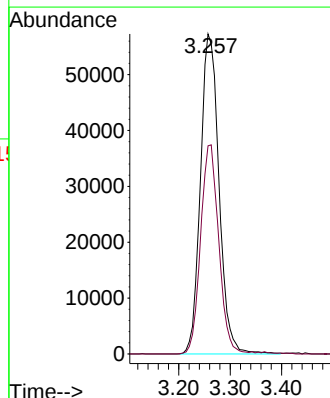
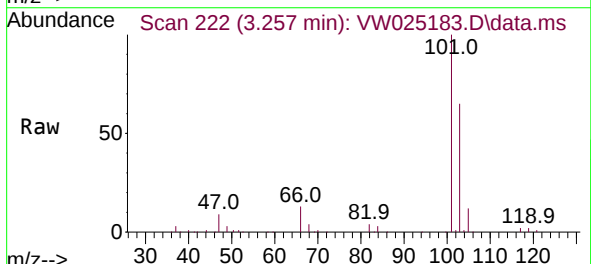
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MSVOA_W
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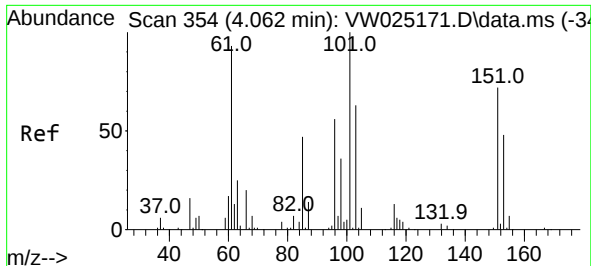
Tgt Ion: 64 Resp: 80054
Ion Ratio Lower Upper
64 100
66 33.2 22.7 42.1



#9
Trichlorofluoromethane
Concen: 23.861 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

Tgt Ion: 101 Resp: 143622
Ion Ratio Lower Upper
101 100
103 63.8 50.9 76.3

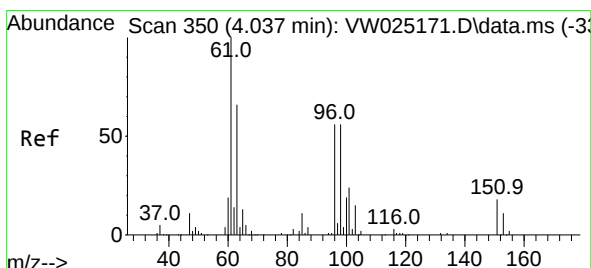
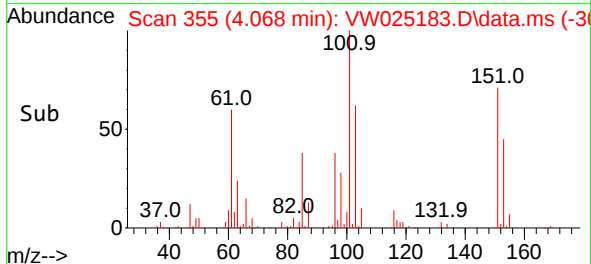
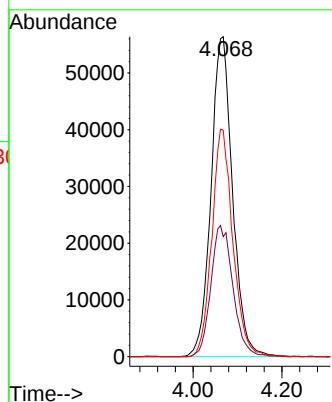
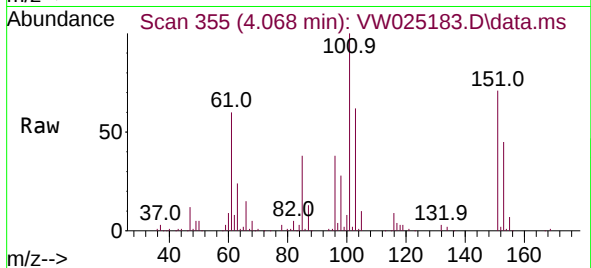




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.884 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW025183.D
 Acq: 23 Dec 2022 09:00

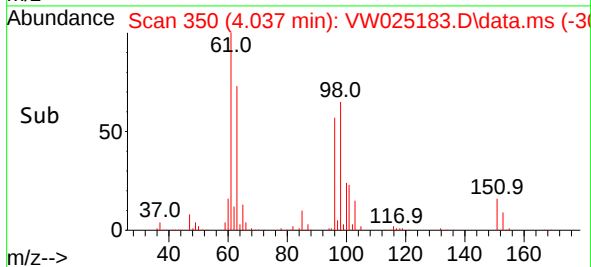
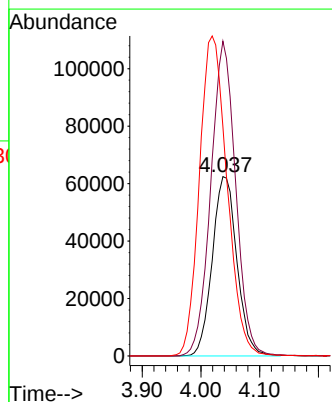
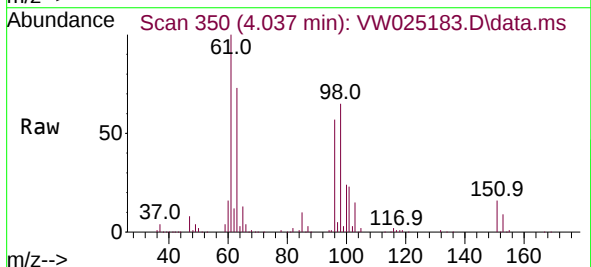
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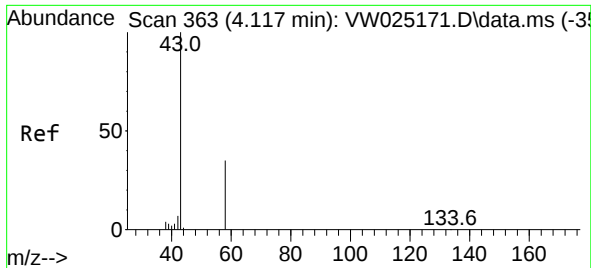
Tgt Ion:101 Resp: 189897
 Ion Ratio Lower Upper
 101 100
 85 41.9 34.6 52.0
 151 68.9 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 23.980 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW025183.D
 Acq: 23 Dec 2022 09:00

Tgt Ion: 96 Resp: 181770
 Ion Ratio Lower Upper
 96 100
 61 175.4 120.8 224.4
 63 127.7 84.1 156.1





#13

Acetone

Concen: 58.007 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.006 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

Instrument :

MSVOA_W

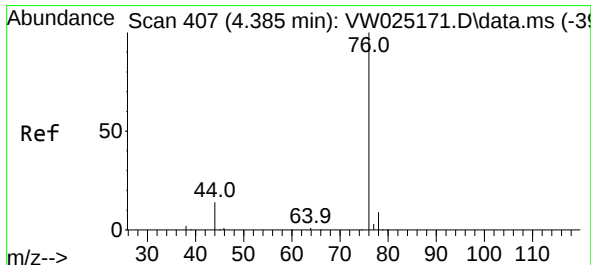
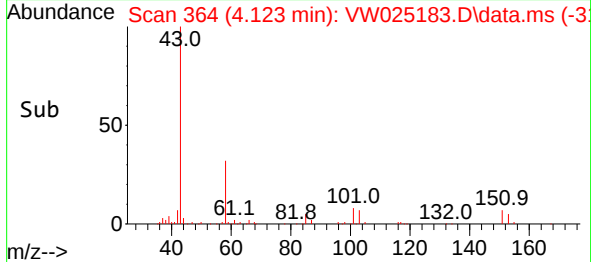
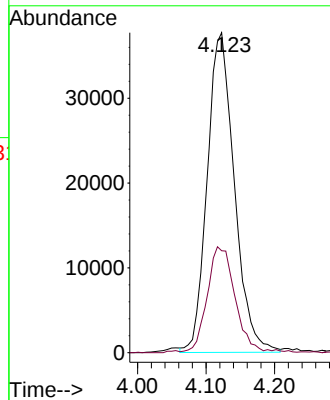
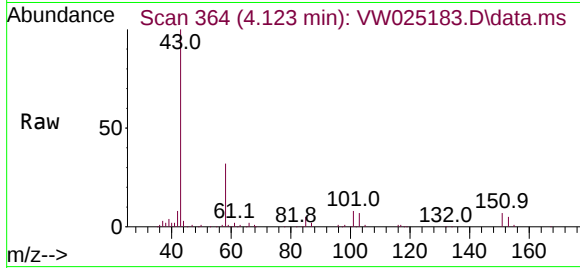
ClientSampleId :

Tgt Ion: 43 Resp: 103822

Ion Ratio Lower Upper

43 100

58 33.1 0.0 65.2



#14

Carbon disulfide

Concen: 22.367 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW025183.D

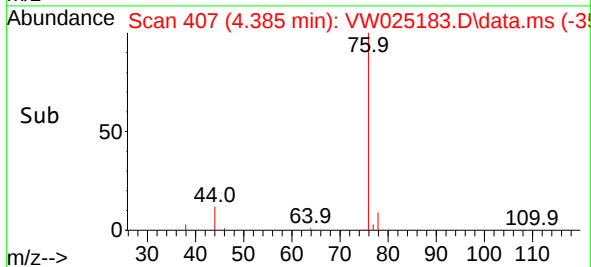
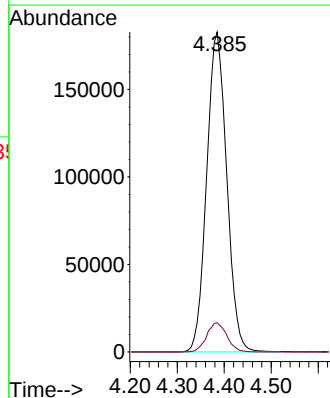
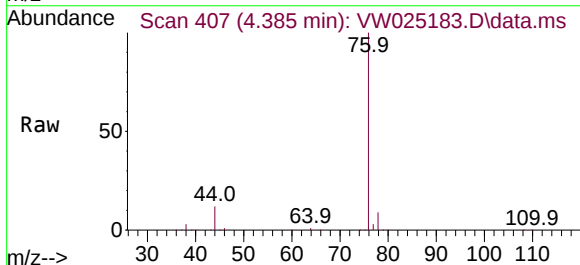
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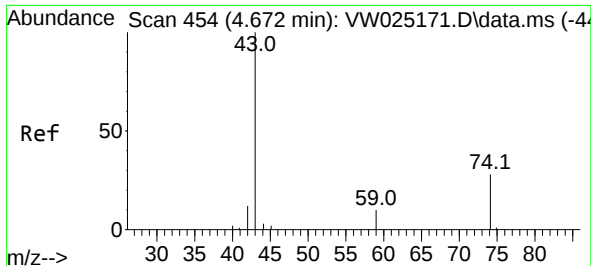
Tgt Ion: 76 Resp: 541254

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

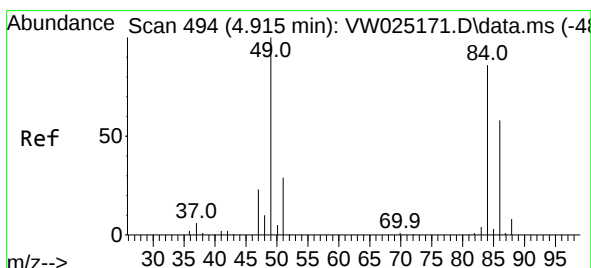
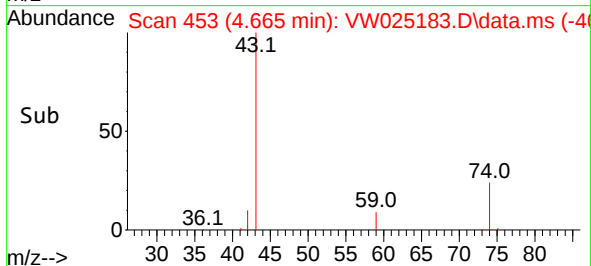
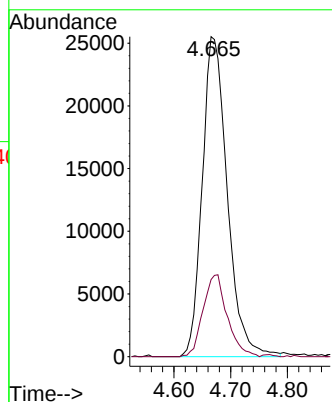
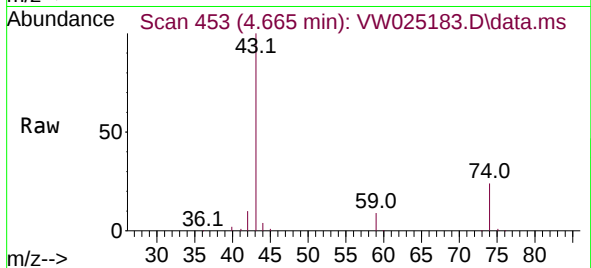




#15
Methyl Acetate
Concen: 26.814 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

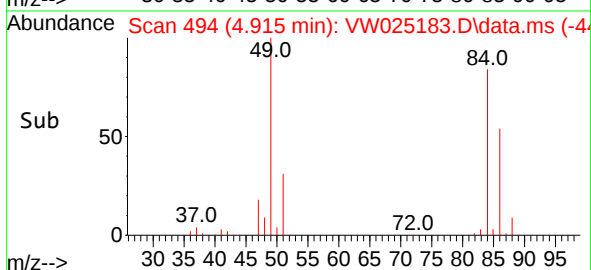
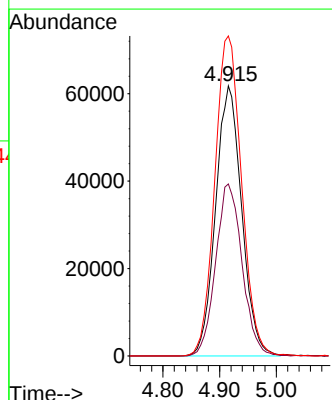
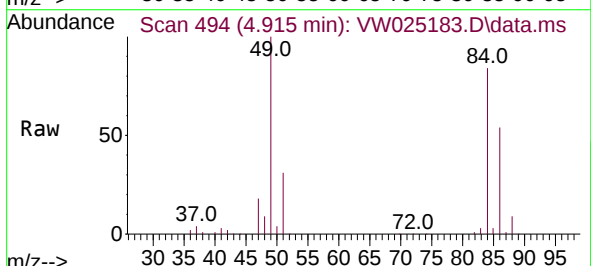
Instrument :
MSVOA_W
ClientSampleId :

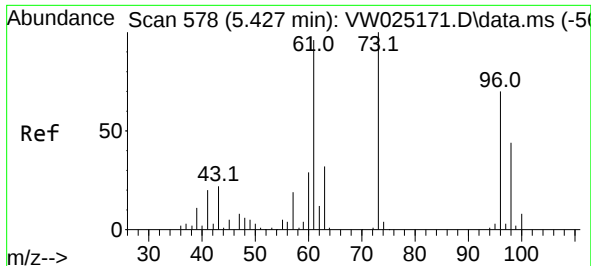
Tgt Ion: 43 Resp: 78332
Ion Ratio Lower Upper
43 100
74 24.6 19.5 29.3



#16
Methylene chloride
Concen: 21.007 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

Tgt Ion: 84 Resp: 197540
Ion Ratio Lower Upper
84 100
86 63.7 45.0 83.6
49 118.5 86.3 160.3

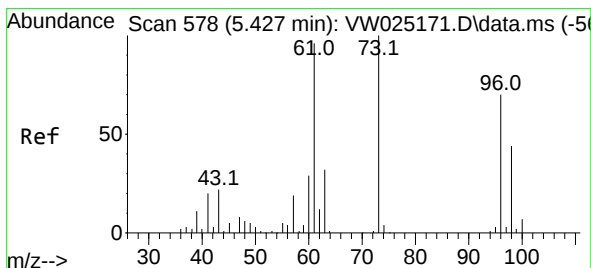
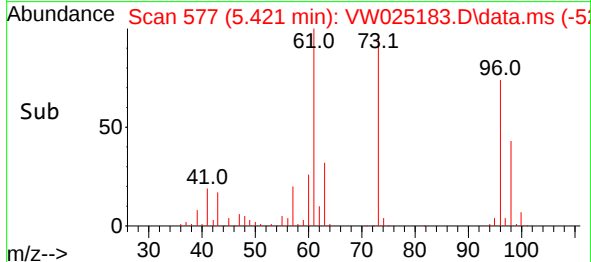
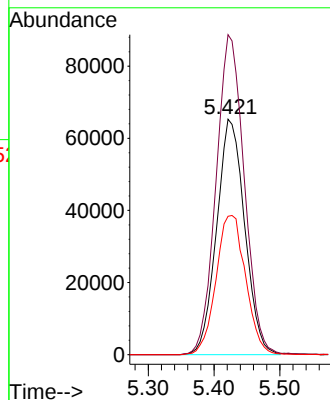
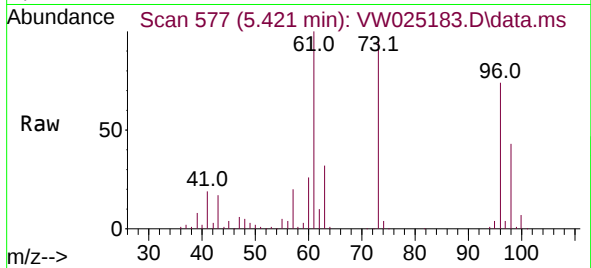




#17
trans-1,2-Dichloroethene
Concen: 24.120 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

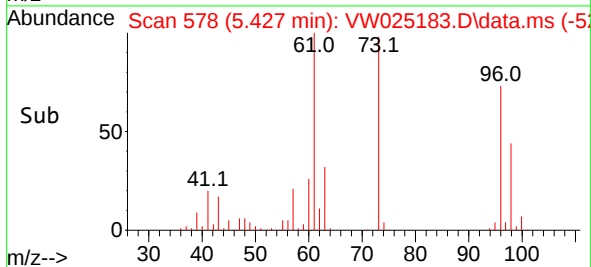
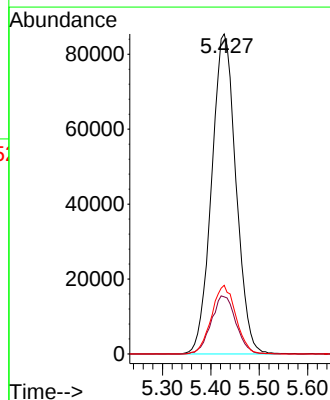
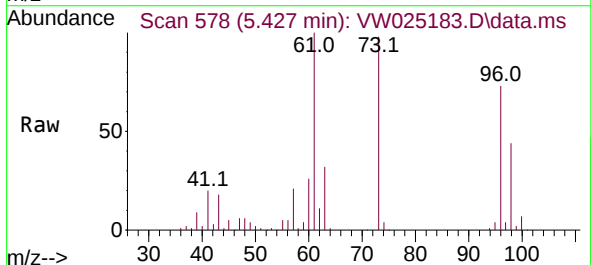
Instrument :
MSVOA_W
ClientSampleId :

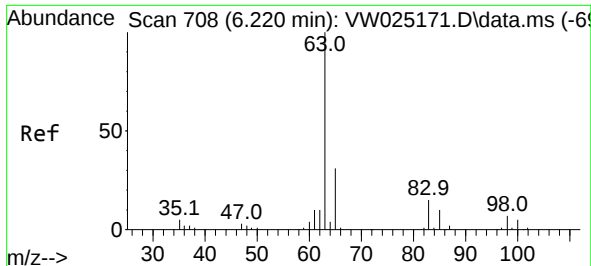
Tgt Ion: 96 Resp: 193819
Ion Ratio Lower Upper
96 100
61 135.8 95.5 177.3
98 58.8 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 25.007 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

Tgt Ion: 73 Resp: 298169
Ion Ratio Lower Upper
73 100
43 18.5 15.6 23.4
57 21.5 17.5 26.3





#19

1,1-Dichloroethane

Concen: 23.797 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

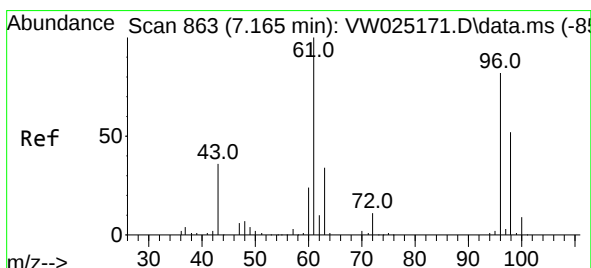
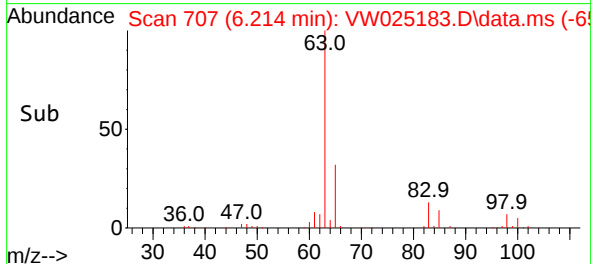
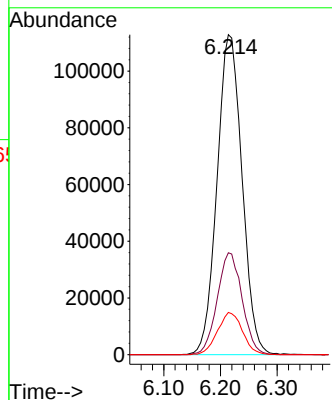
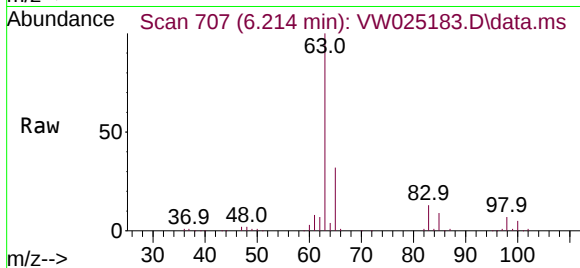
Tgt Ion: 63 Resp: 345527

Ion Ratio Lower Upper

63 100

65 31.9 22.2 41.2

83 13.2 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 24.162 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

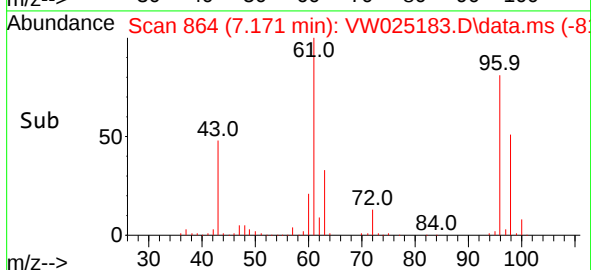
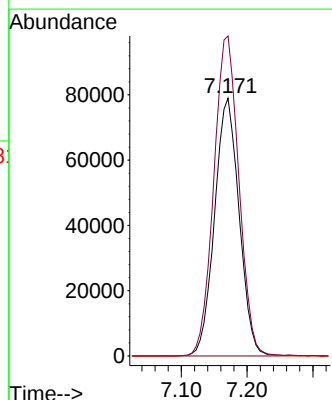
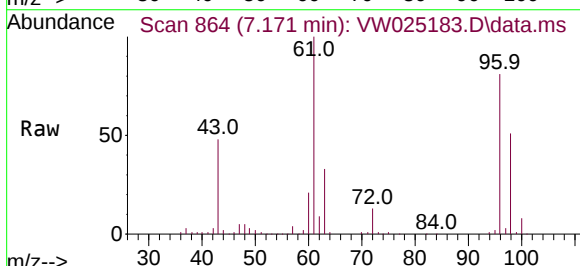
Tgt Ion: 96 Resp: 205300

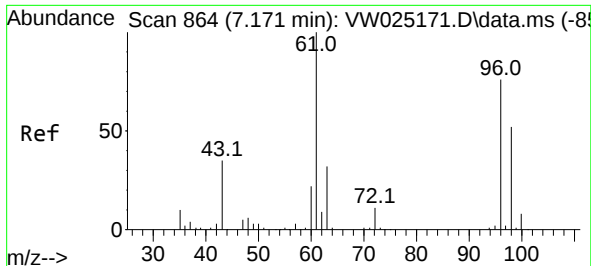
Ion Ratio Lower Upper

96 100

61 124.2 93.7 173.9

68 0.0 0.0 0.0

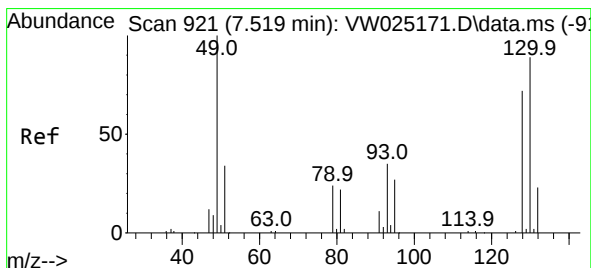
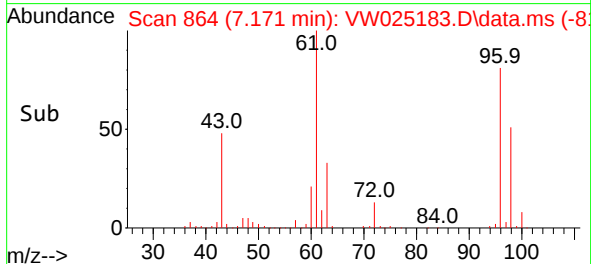
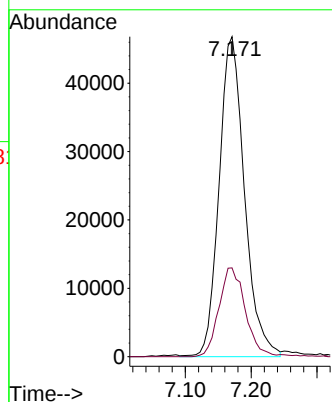
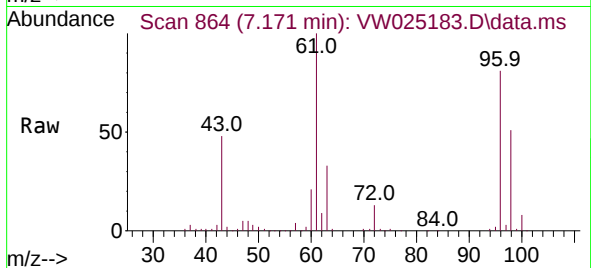




#22
2-Butanone
Concen: 55.815 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

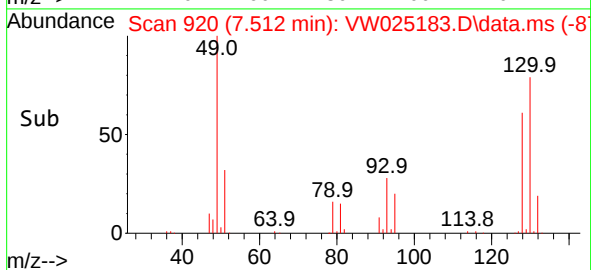
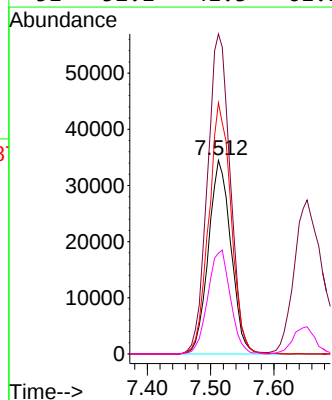
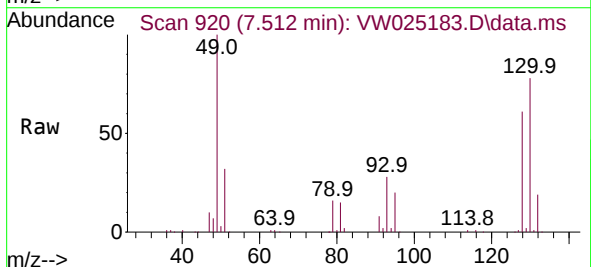
Instrument :
MSVOA_W
ClientSampleId :

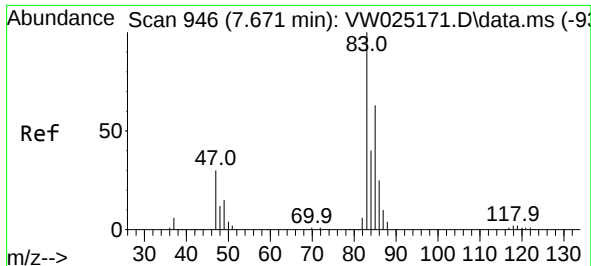
Tgt Ion: 43 Resp: 125679
Ion Ratio Lower Upper
43 100
72 28.7 15.0 45.0



#23
Bromochloromethane
Concen: 23.751 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

Tgt Ion: 128 Resp: 85396
Ion Ratio Lower Upper
128 100
49 165.2 114.1 211.9
130 129.7 89.0 165.2
51 52.1 41.3 61.9





#25

Chloroform

Concen: 23.330 ug/L

RT: 7.677 min Scan# 946

Delta R.T. 0.006 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

Instrument :

MSVOA_W

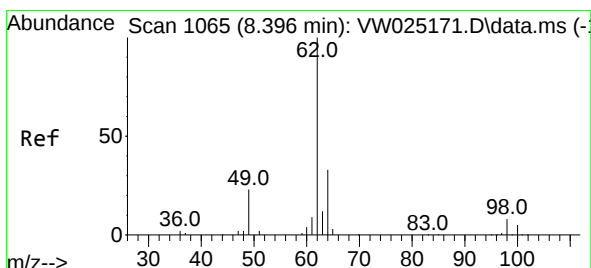
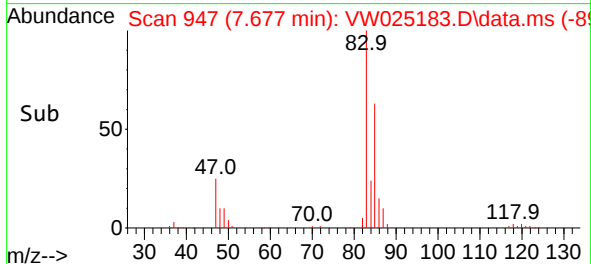
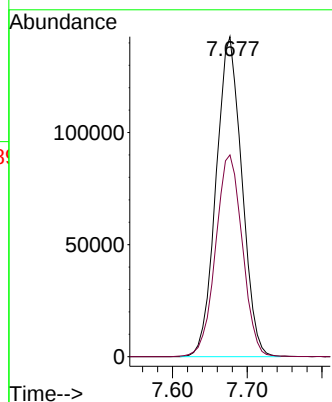
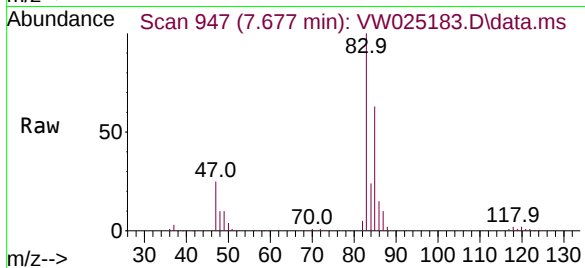
ClientSampleId :

Tgt Ion: 83 Resp: 342790

Ion Ratio Lower Upper

83 100

85 63.0 45.4 84.2



#27

1,2-Dichloroethane

Concen: 22.915 ug/L

RT: 8.402 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW025183.D

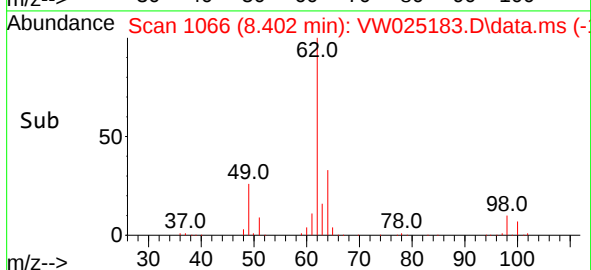
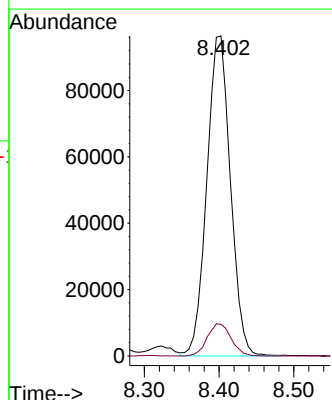
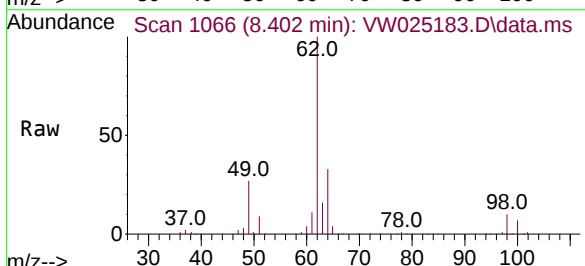
Acq: 23 Dec 2022 09:00

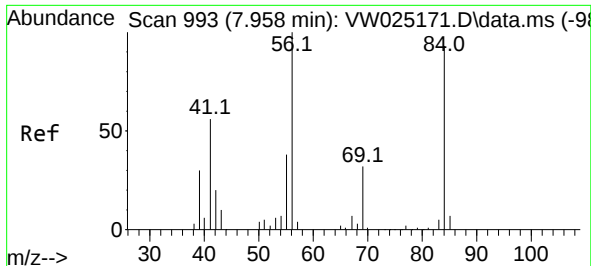
Tgt Ion: 62 Resp: 211985

Ion Ratio Lower Upper

62 100

98 9.9 7.8 11.8

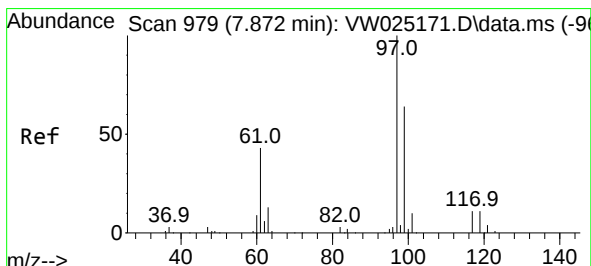
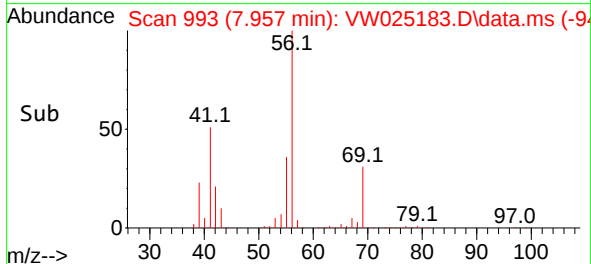
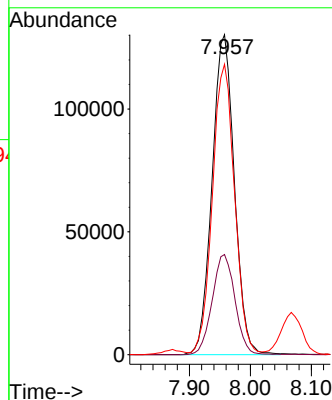
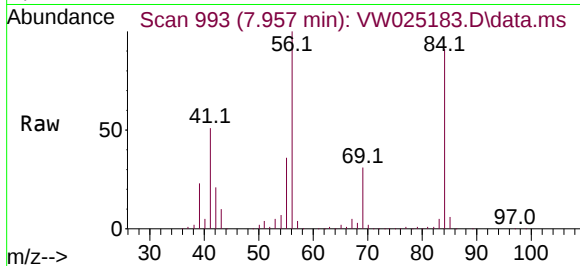




#29
Cyclohexane
Concen: 25.048 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

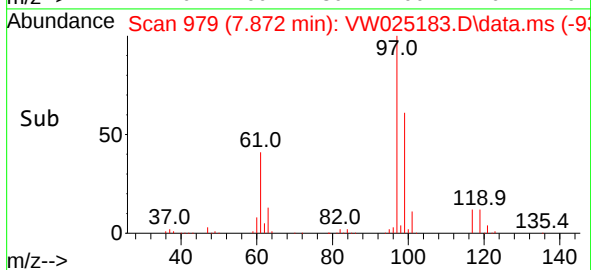
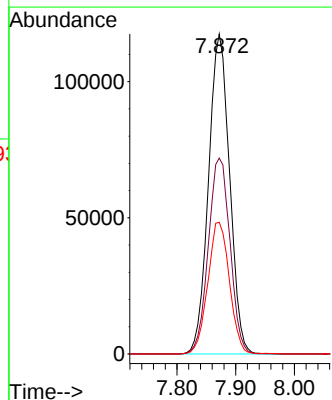
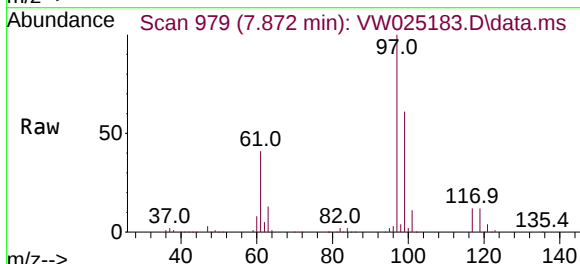
Instrument :
MSVOA_W
ClientSampleId :

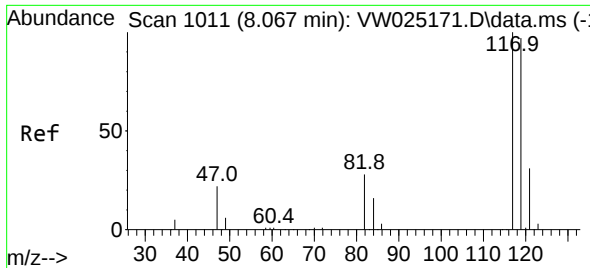
Tgt Ion: 56 Resp: 331355
Ion Ratio Lower Upper
56 100
69 31.9 25.0 37.6
84 90.5 70.9 106.3



#30
1,1,1-Trichloroethane
Concen: 23.737 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

Tgt Ion: 97 Resp: 292736
Ion Ratio Lower Upper
97 100
99 63.1 50.9 76.3
61 42.2 35.5 53.3

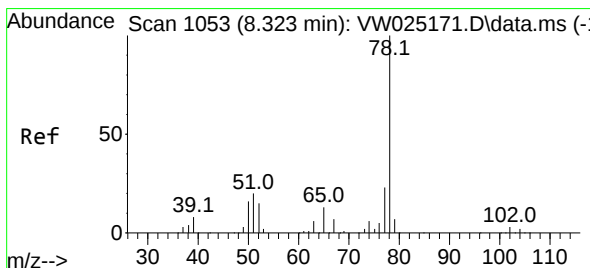
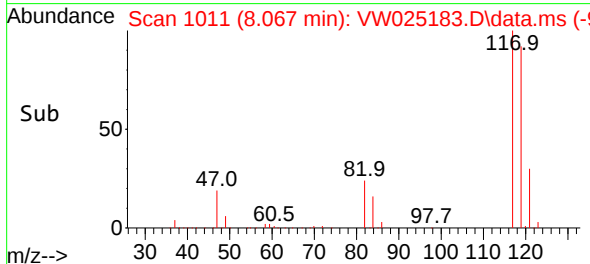
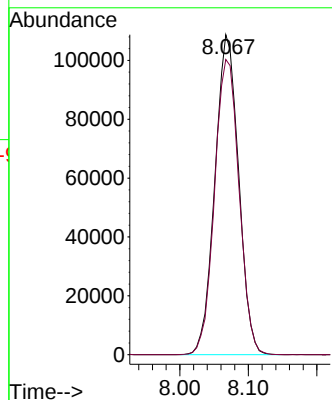
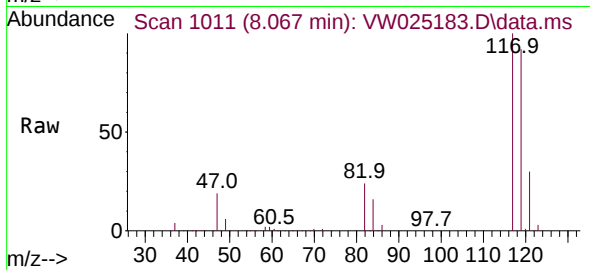




#31
Carbon tetrachloride
Concen: 23.009 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

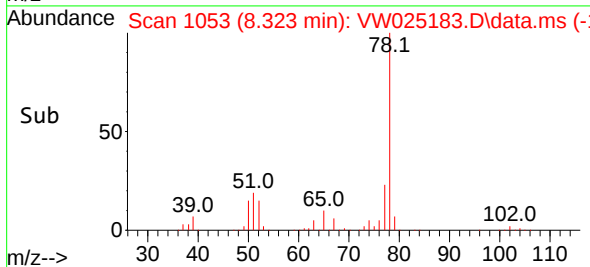
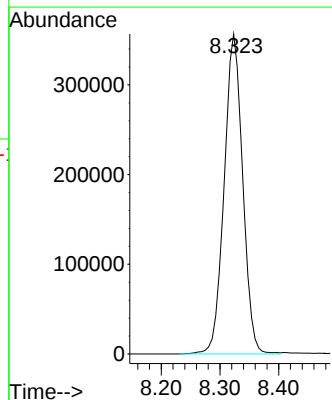
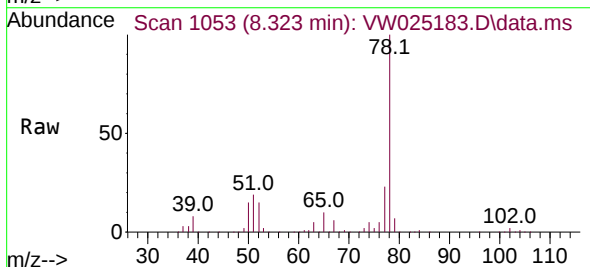
Instrument :
MSVOA_W
ClientSampleId :

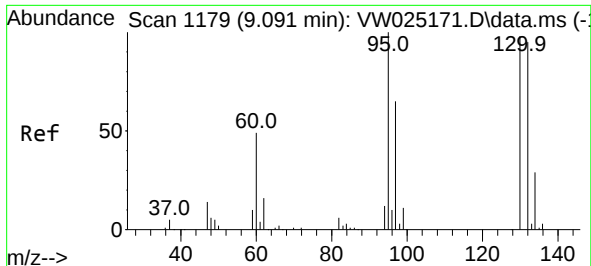
Tgt Ion:117 Resp: 260910
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.4



#33
Benzene
Concen: 24.198 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

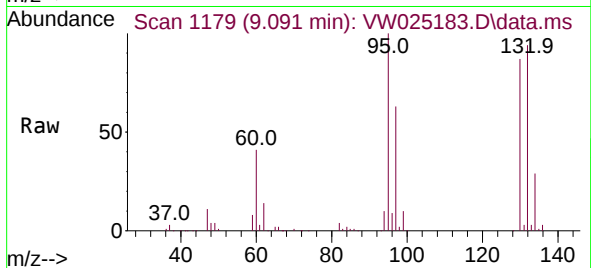
Tgt Ion: 78 Resp: 783126



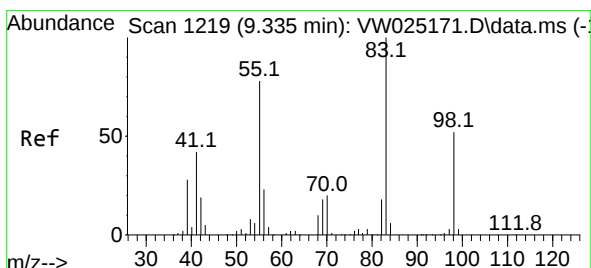
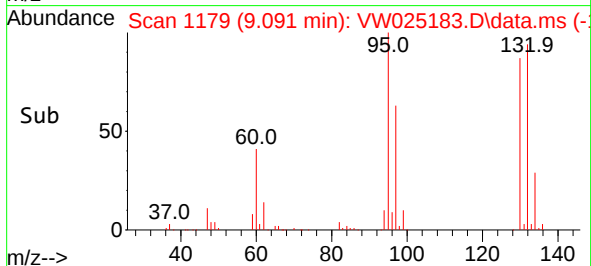
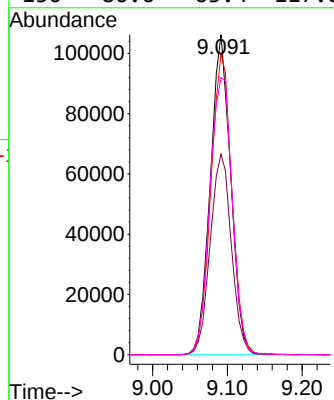


#34
Trichloroethene
Concen: 23.733 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

Instrument :
MSVOA_W
ClientSampleId :

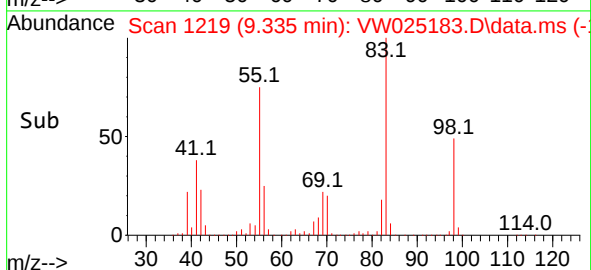
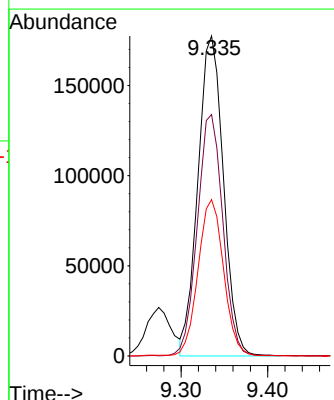
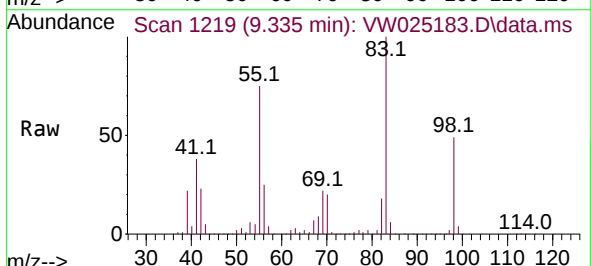


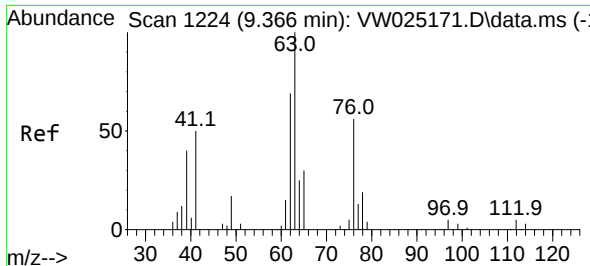
Tgt Ion: 95 Resp: 201193
Ion Ratio Lower Upper
95 100
97 62.7 44.3 82.3
132 94.0 63.0 117.0
130 86.6 63.4 117.8



#35
Methylcyclohexane
Concen: 24.121 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

Tgt Ion: 83 Resp: 362701
Ion Ratio Lower Upper
83 100
55 75.4 59.3 88.9
98 49.0 38.6 57.8





#37

1,2-Dichloropropane

Concen: 24.280 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

Instrument :

MSVOA_W

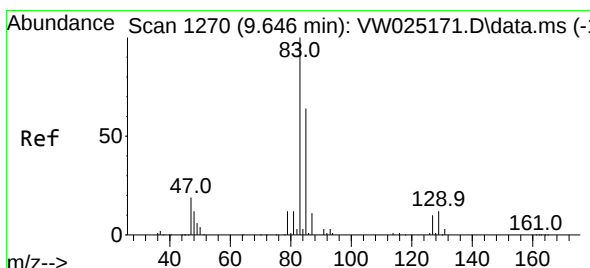
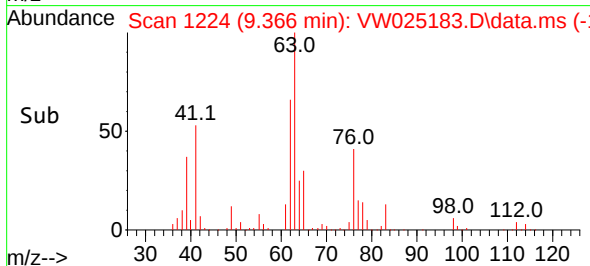
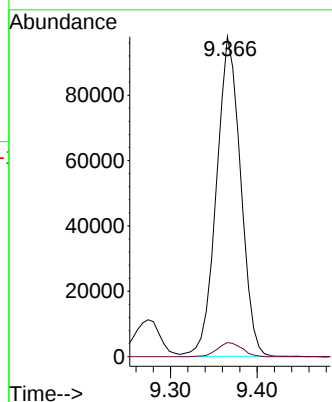
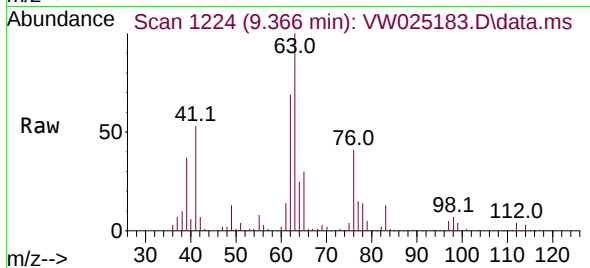
ClientSampleId :

Tgt Ion: 63 Resp: 189520

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



#38

Bromodichloromethane

Concen: 23.562 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

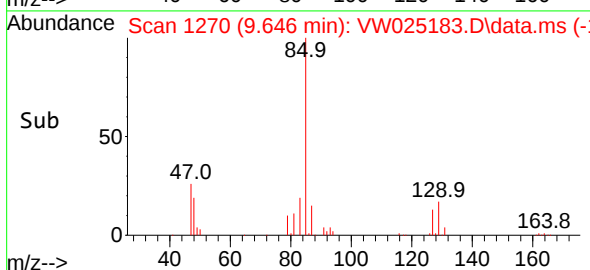
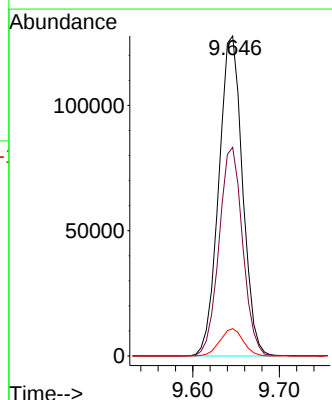
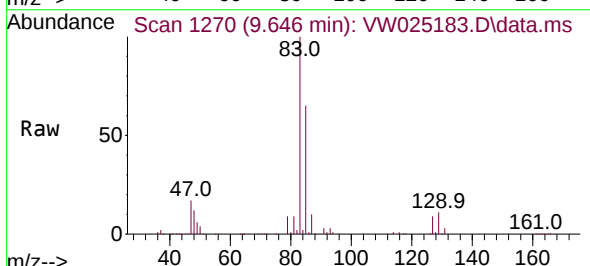
Tgt Ion: 83 Resp: 242972

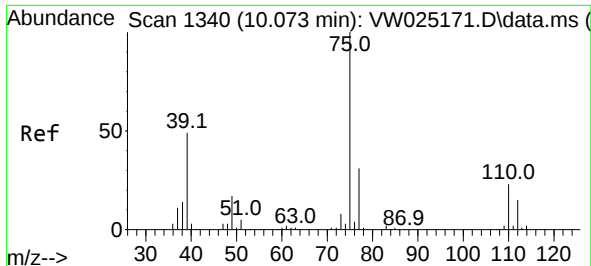
Ion Ratio Lower Upper

83 100

85 65.2 44.2 82.2

127 8.6 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 25.190 ug/L

RT: 10.073 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

Instrument :

MSVOA_W

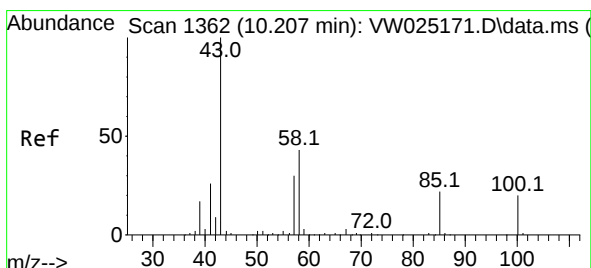
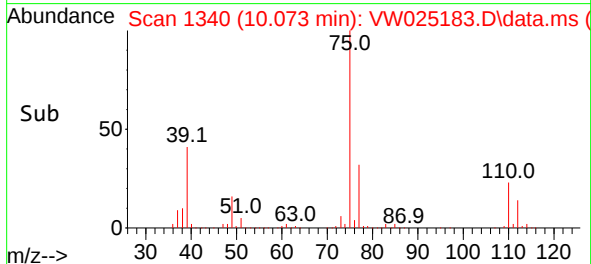
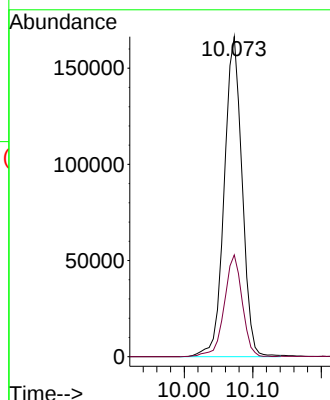
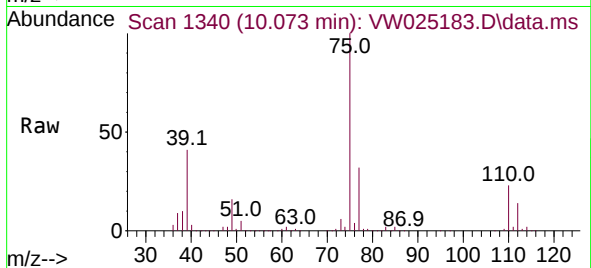
ClientSampleId :

Tgt Ion: 75 Resp: 300434

Ion Ratio Lower Upper

75 100

77 31.8 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 56.800 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

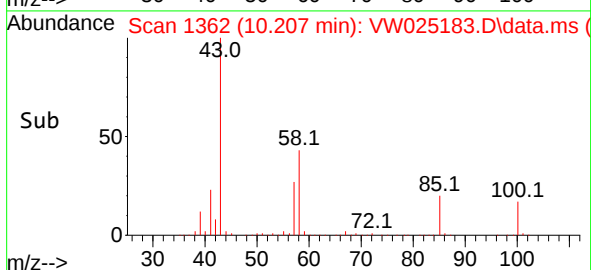
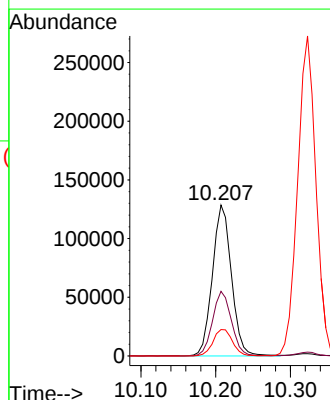
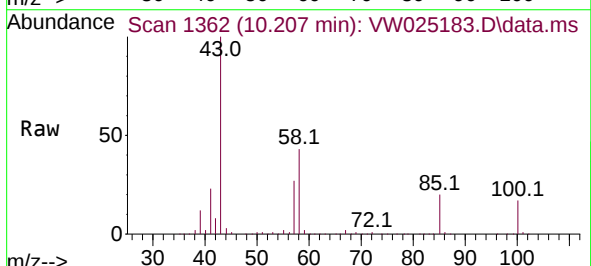
Tgt Ion: 43 Resp: 227278

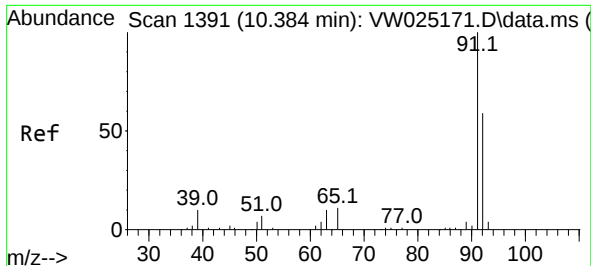
Ion Ratio Lower Upper

43 100

58 42.7 33.3 49.9

100 18.0 13.8 20.6

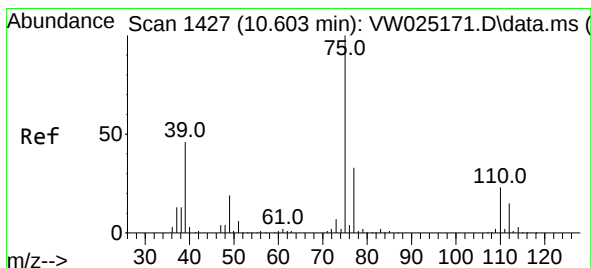
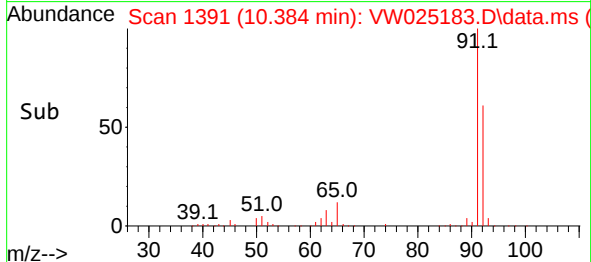
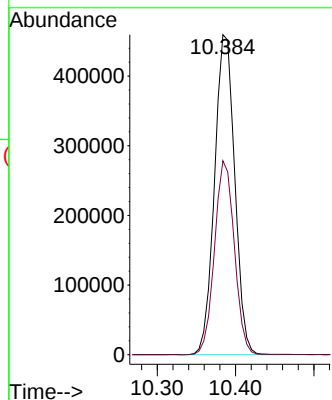
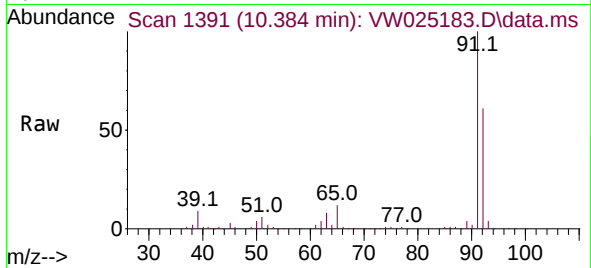




#42
Toluene
Concen: 24.328 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

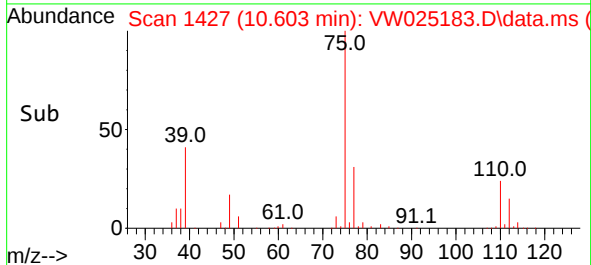
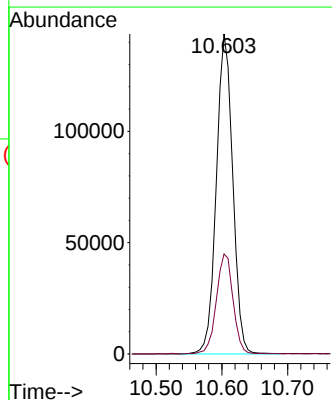
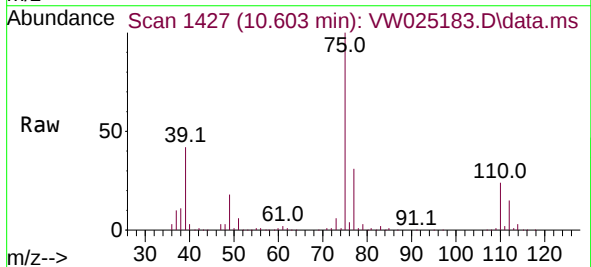
Instrument :
MSVOA_W
ClientSampleId :

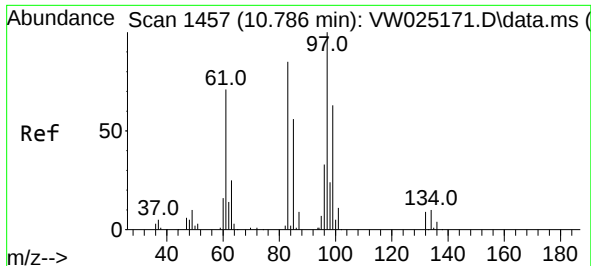
Tgt Ion: 91 Resp: 824924
Ion Ratio Lower Upper
91 100
92 60.6 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 24.429 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

Tgt Ion: 75 Resp: 249524
Ion Ratio Lower Upper
75 100
77 31.3 22.5 41.7



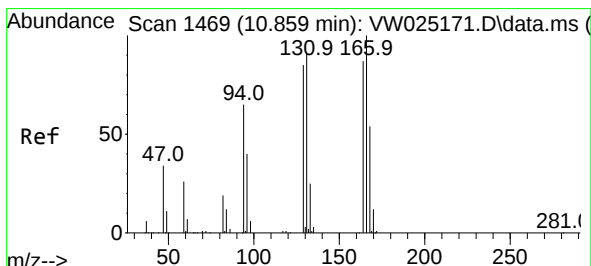
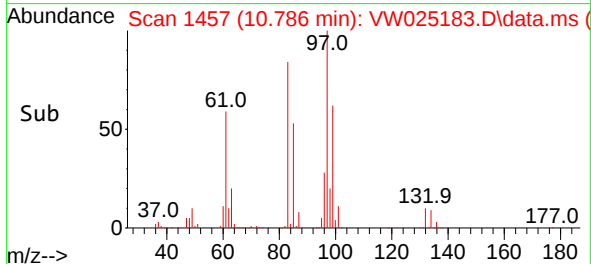
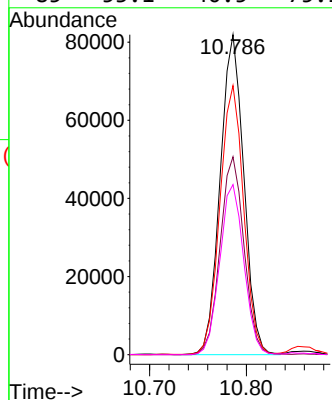
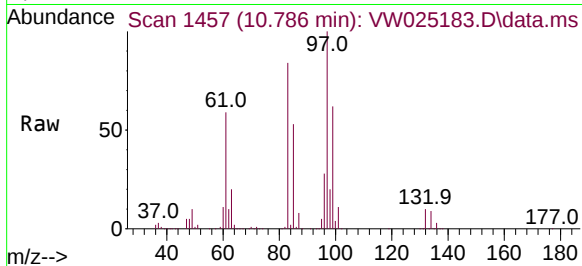


#45
1,1,2-Trichloroethane
Concen: 24.915 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 138787

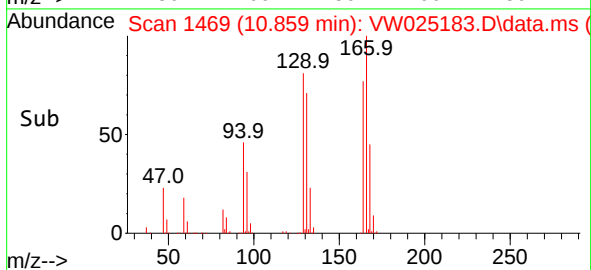
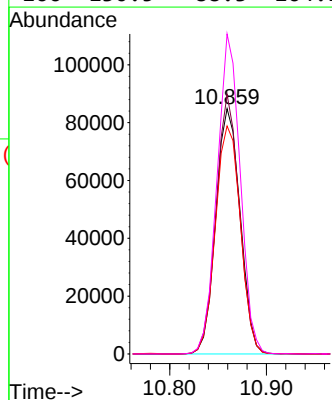
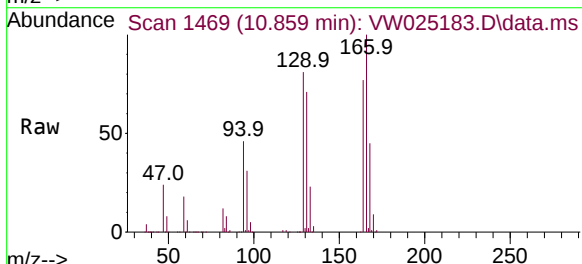
Ion	Ratio	Lower	Upper
97	100		
99	61.9	44.3	82.3
83	84.1	61.3	113.9
85	53.1	40.5	75.1

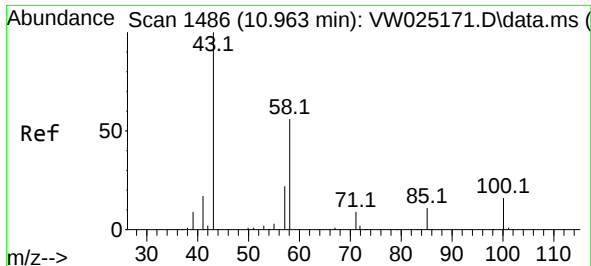


#46
Tetrachloroethene
Concen: 24.001 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

Tgt Ion: 164 Resp: 148111

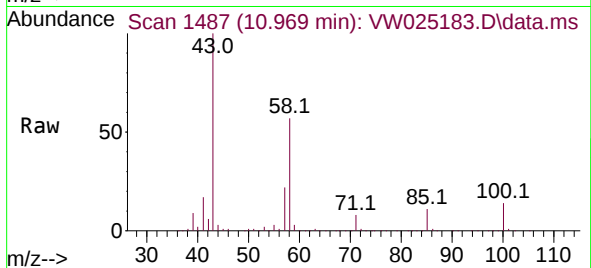
Ion	Ratio	Lower	Upper
164	100		
129	105.8	73.4	136.4
131	93.0	70.8	131.4
166	130.5	88.3	164.1



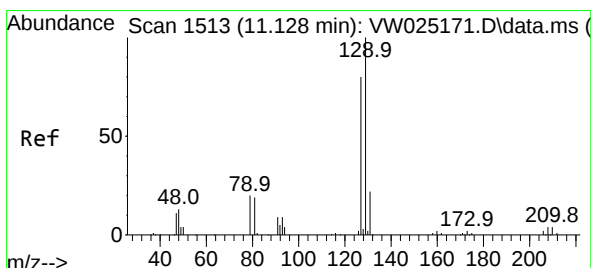
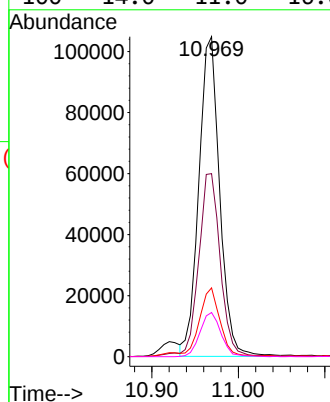
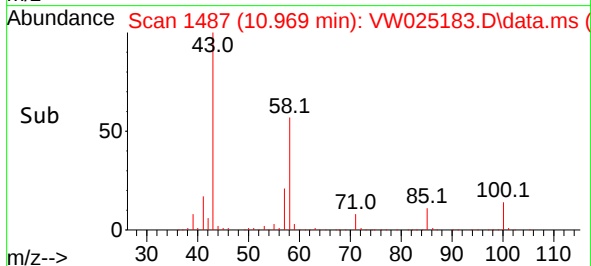


#48
2-Hexanone
Concen: 59.949 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

Instrument :
MSVOA_W
ClientSampleId :

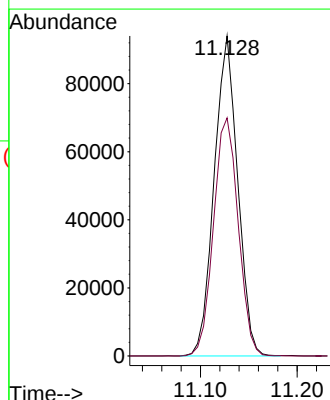
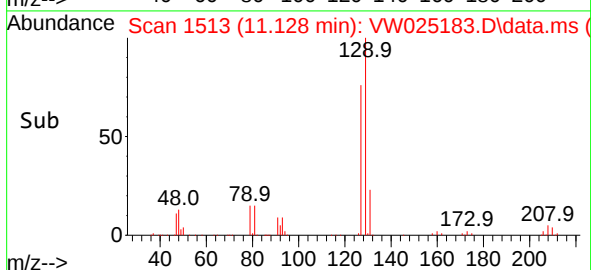
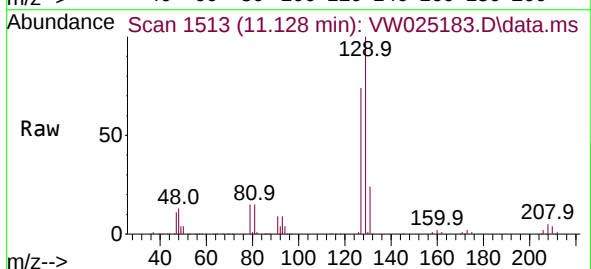


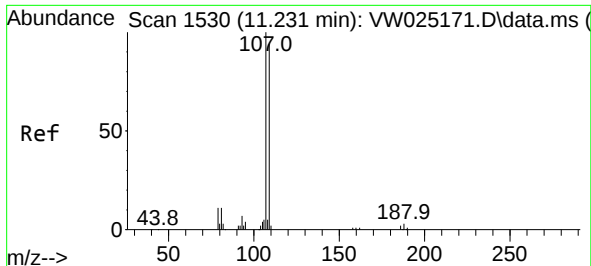
Tgt Ion: 43 Resp: 175212
Ion Ratio Lower Upper
43 100
58 58.5 46.6 69.8
57 20.9 16.7 25.1
100 14.0 11.0 16.6



#49
Dibromochloromethane
Concen: 23.704 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

Tgt Ion: 129 Resp: 158575
Ion Ratio Lower Upper
129 100
127 74.4 49.7 92.3





#50

1,2-Dibromoethane

Concen: 25.295 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

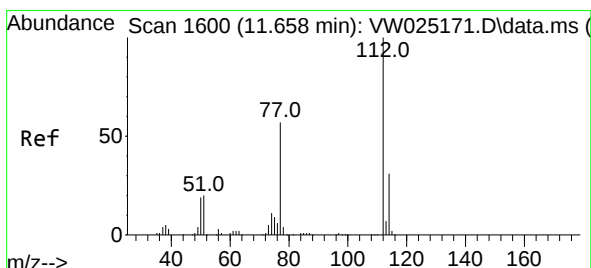
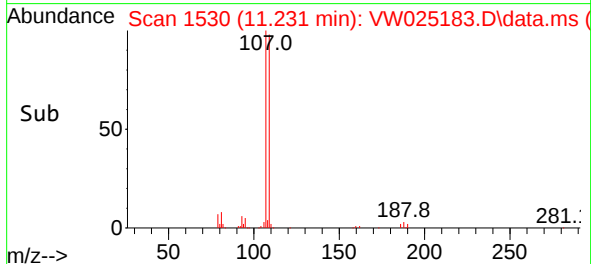
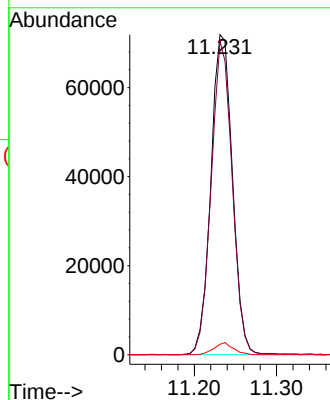
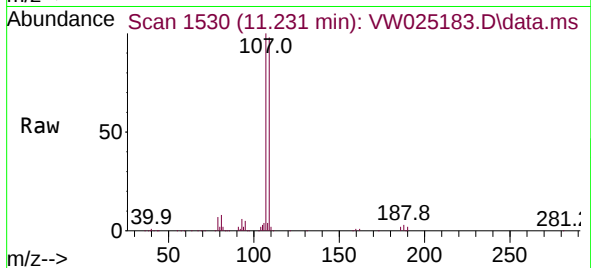
Tgt Ion:107 Resp: 131186

Ion Ratio Lower Upper

107 100

109 98.0 66.8 124.2

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 22.924 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

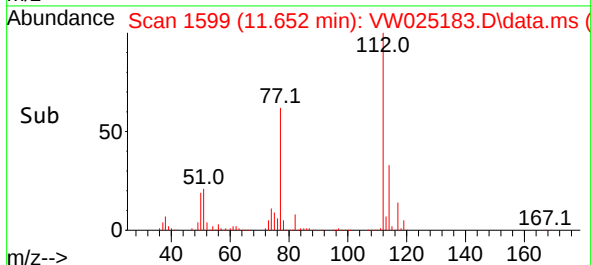
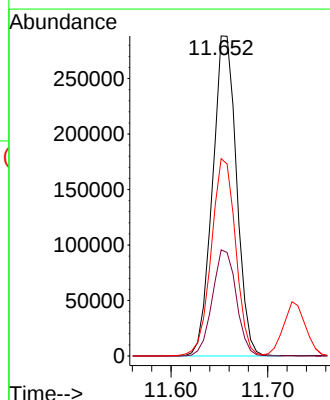
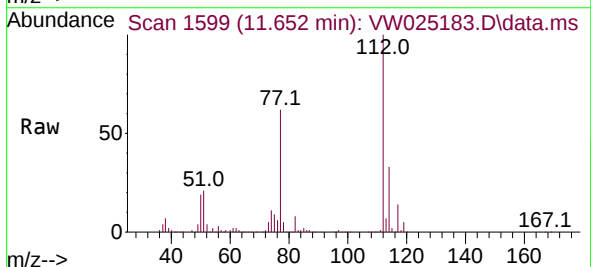
Tgt Ion:112 Resp: 497459

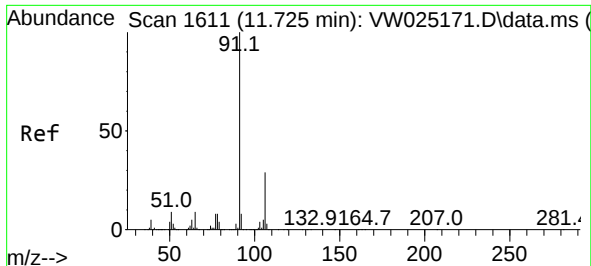
Ion Ratio Lower Upper

112 100

114 33.1 23.2 43.2

77 61.7 47.2 70.8

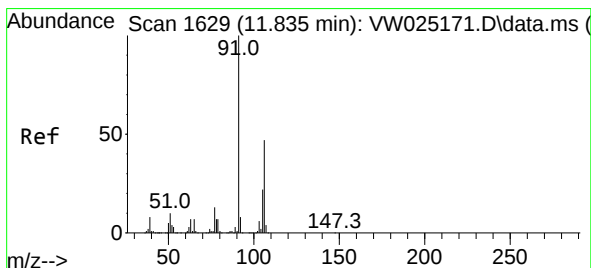
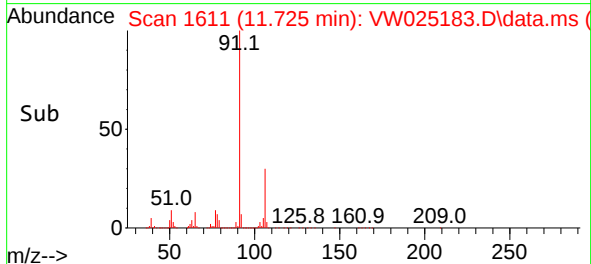
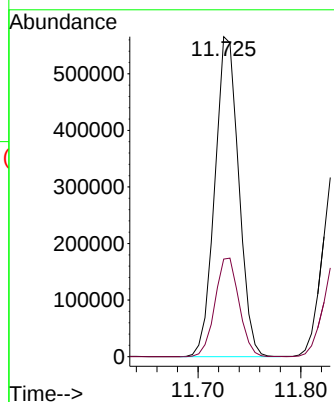
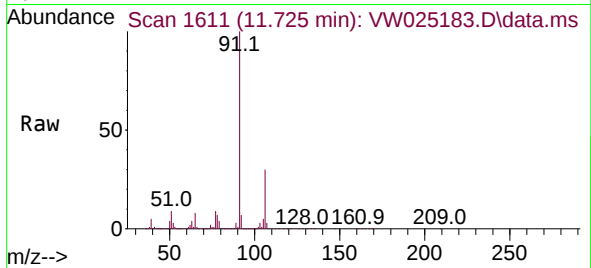




#52
Ethylbenzene
Concen: 23.743 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

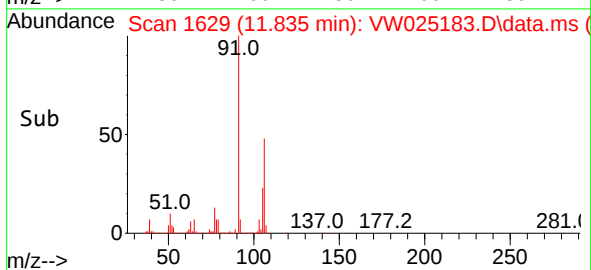
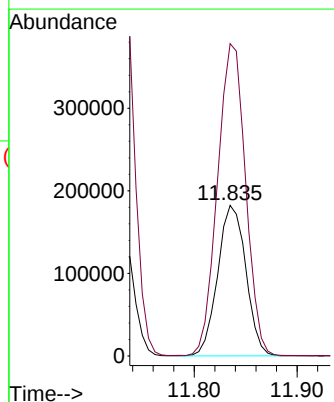
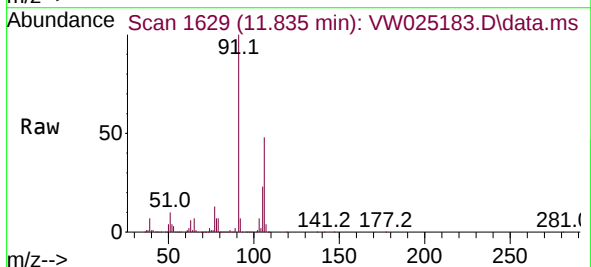
Instrument :
MSVOA_W
ClientSampleId :

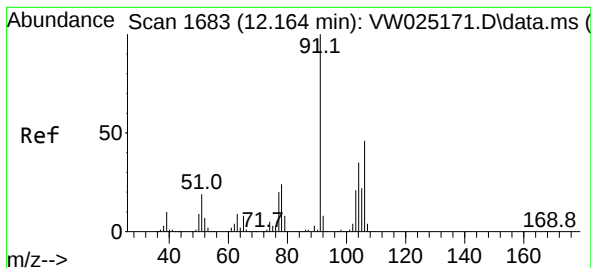
Tgt Ion: 91 Resp: 912354
Ion Ratio Lower Upper
91 100
106 30.5 21.9 40.7



#53
m,p-Xylene
Concen: 23.640 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

Tgt Ion:106 Resp: 346916
Ion Ratio Lower Upper
106 100
91 207.4 139.7 259.4

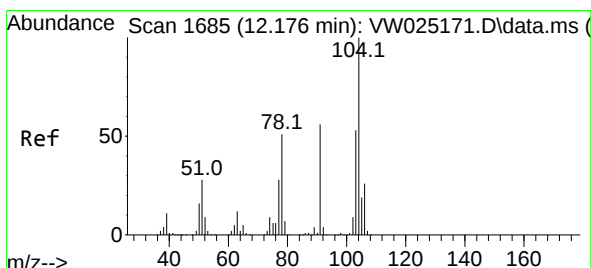
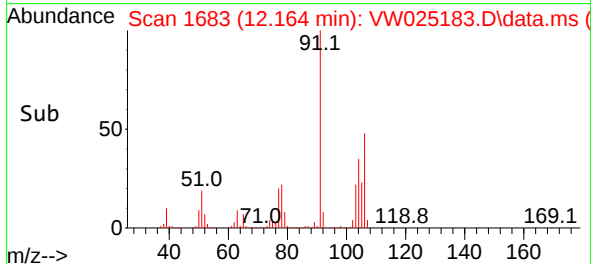
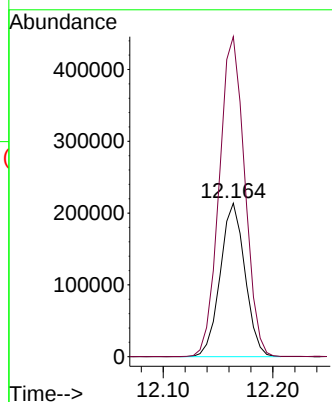
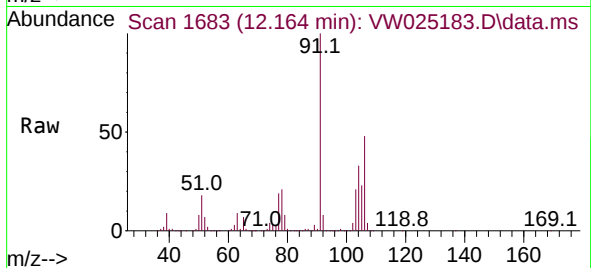




#54
o-Xylene
Concen: 23.963 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

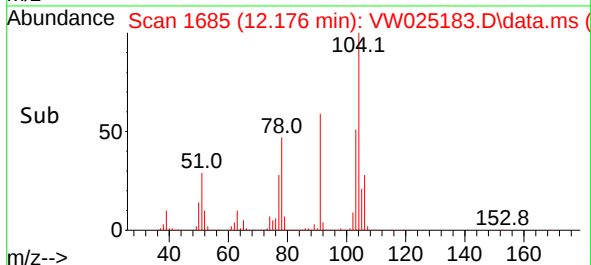
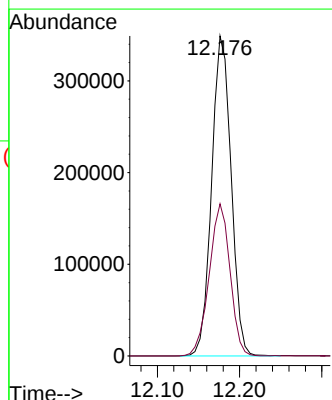
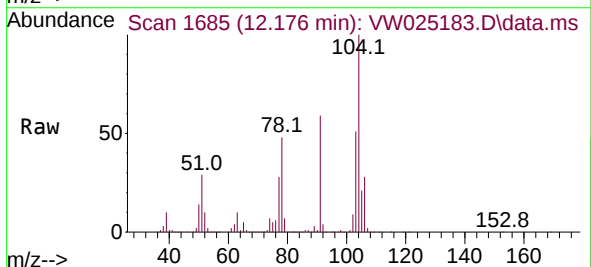
Instrument :
MSVOA_W
ClientSampleId :

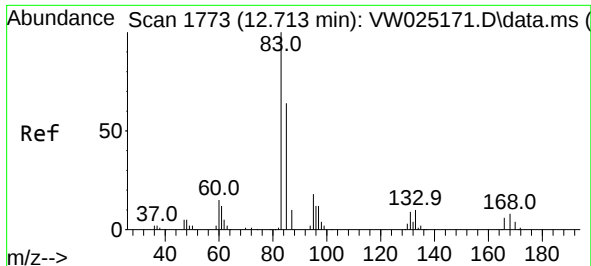
Tgt Ion:106 Resp: 335134
Ion Ratio Lower Upper
106 100
91 208.6 148.8 276.4



#55
Styrene
Concen: 24.235 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW025183.D
Acq: 23 Dec 2022 09:00

Tgt Ion:104 Resp: 573999
Ion Ratio Lower Upper
104 100
78 47.5 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 25.401 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

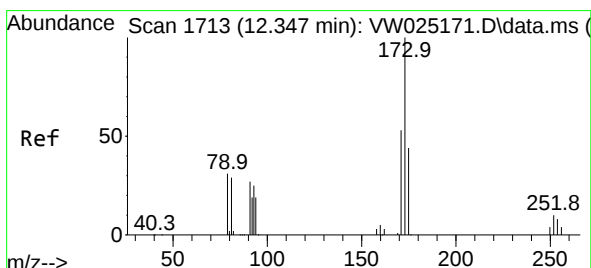
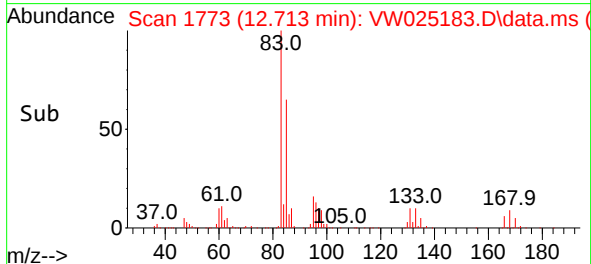
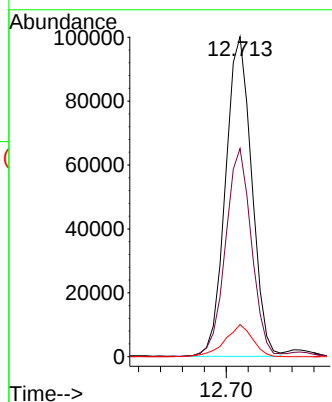
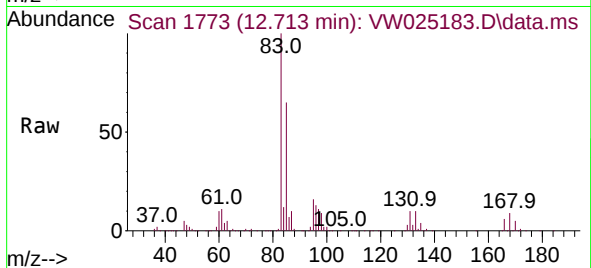
Tgt Ion: 83 Resp: 165471

Ion Ratio Lower Upper

83 100

85 65.0 46.8 87.0

131 10.0 8.2 12.2



#59

Bromoform

Concen: 24.512 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

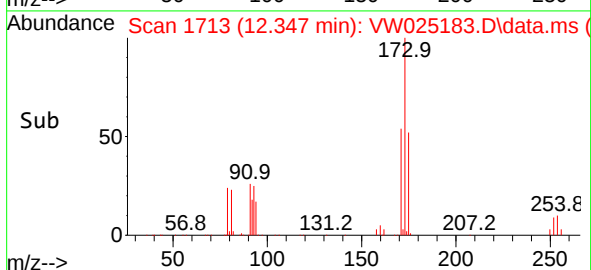
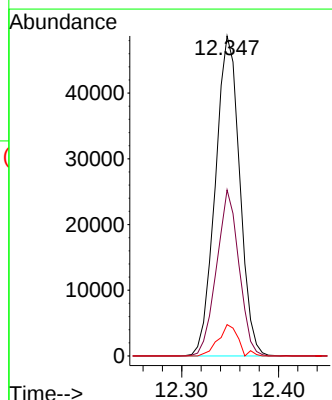
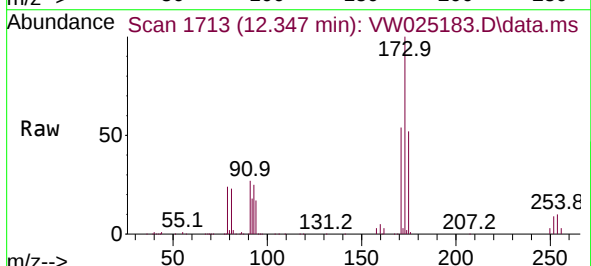
Tgt Ion:173 Resp: 85203

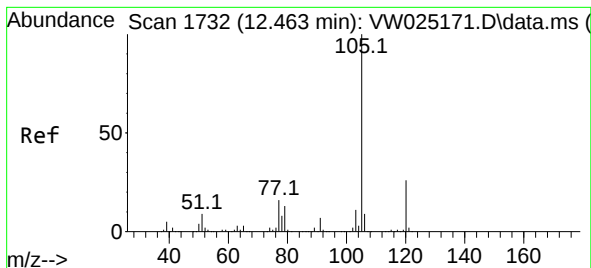
Ion Ratio Lower Upper

173 100

175 47.6 37.4 56.0

254 7.6 6.8 10.2





#60

Isopropylbenzene

Concen: 23.689 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

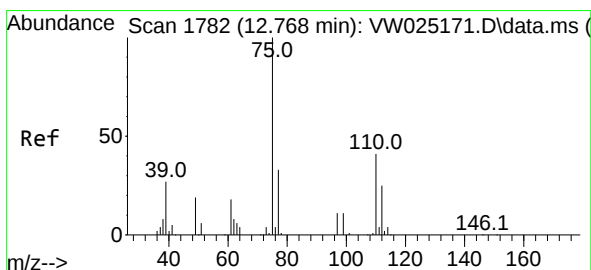
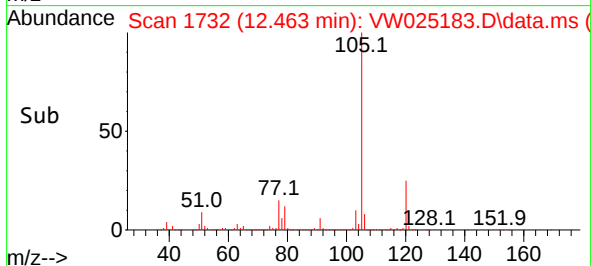
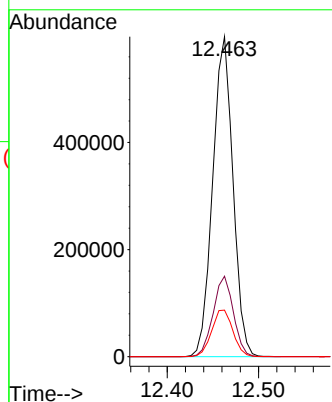
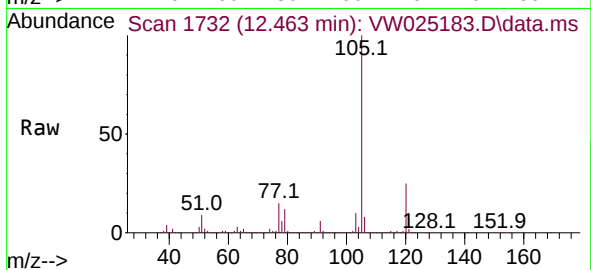
Tgt Ion:105 Resp: 919095

Ion Ratio Lower Upper

105 100

120 25.2 20.6 31.0

77 15.2 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 24.976 ug/L

RT: 12.767 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

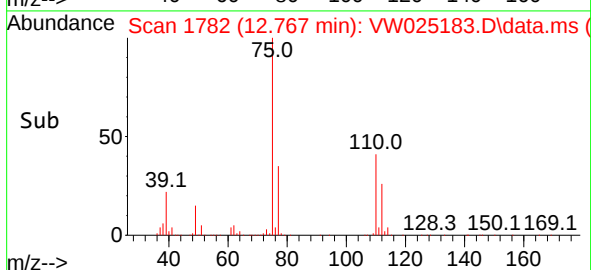
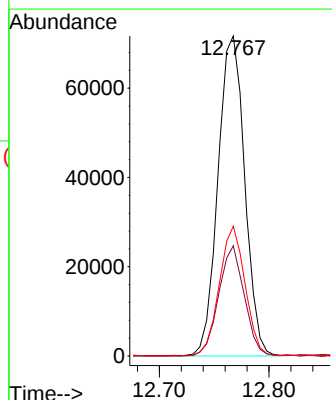
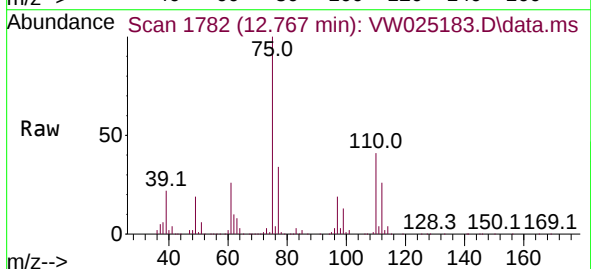
Tgt Ion: 75 Resp: 121515

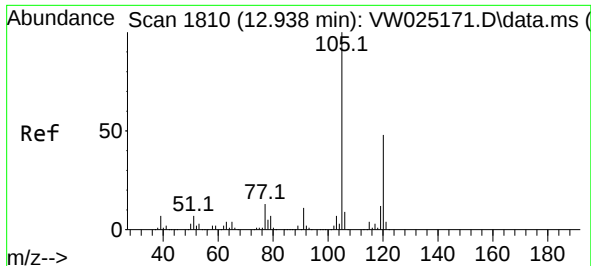
Ion Ratio Lower Upper

75 100

77 32.6 26.6 40.0

110 39.0 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 23.935 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

Instrument :

MSVOA_W

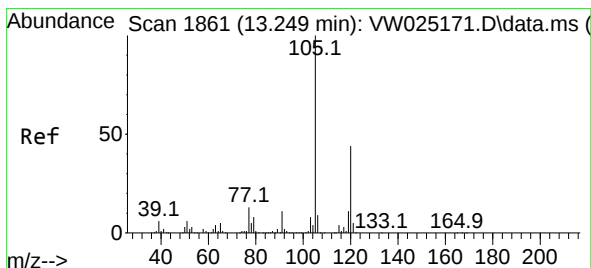
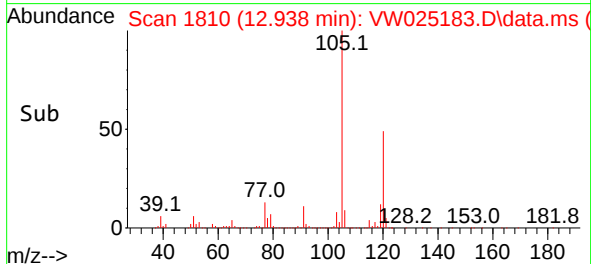
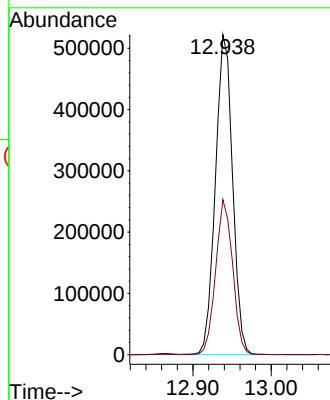
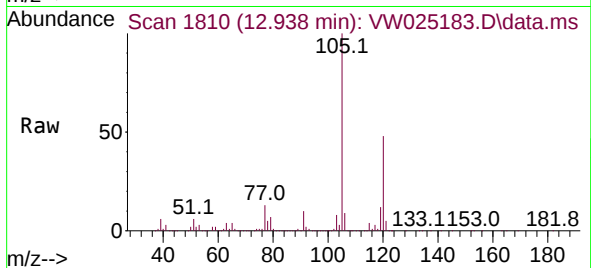
ClientSampleId :

Tgt Ion:105 Resp: 795445

Ion Ratio Lower Upper

105 100

120 48.0 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 23.752 ug/L

RT: 13.243 min Scan# 1860

Delta R.T. -0.006 min

Lab File: VW025183.D

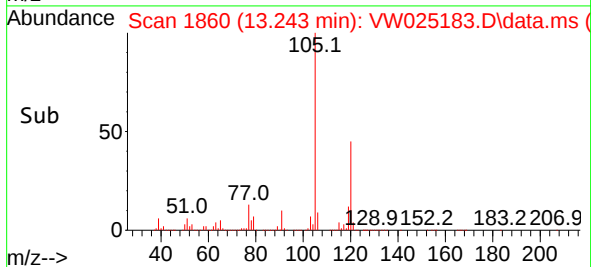
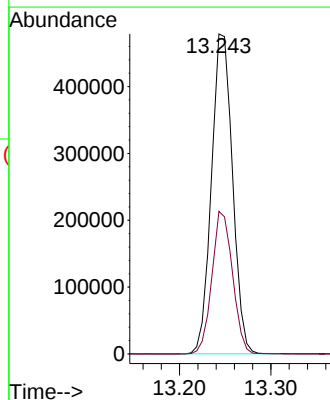
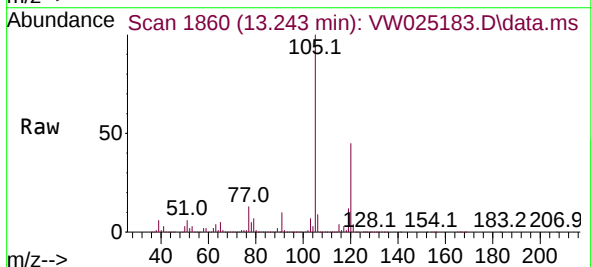
Acq: 23 Dec 2022 09:00

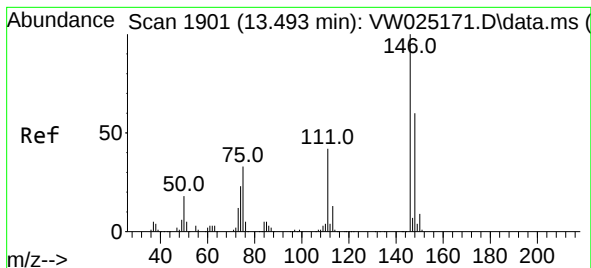
Tgt Ion:105 Resp: 766852

Ion Ratio Lower Upper

105 100

120 43.6 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 23.328 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

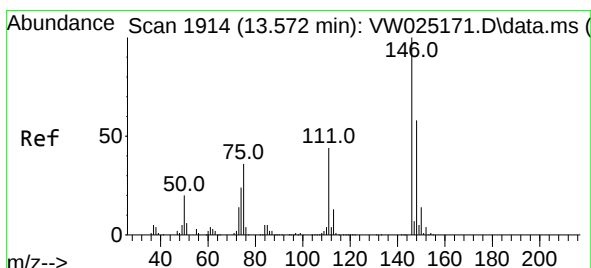
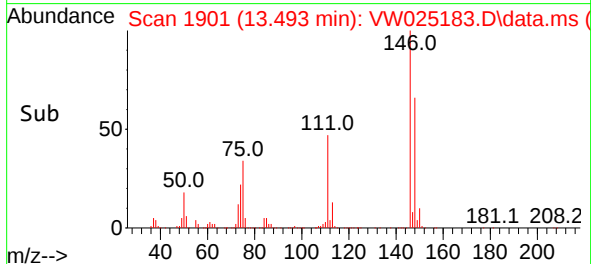
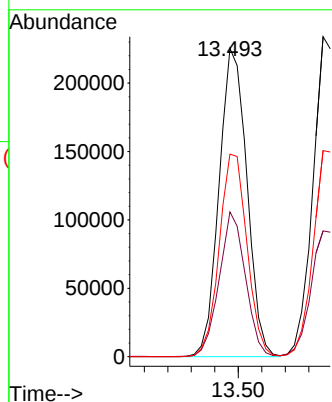
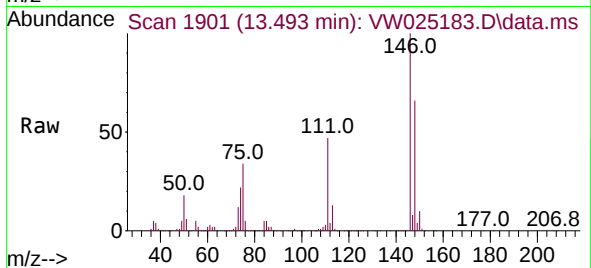
Tgt Ion:146 Resp: 370537

Ion Ratio Lower Upper

146 100

111 47.0 30.2 56.0

148 65.7 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 23.407 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

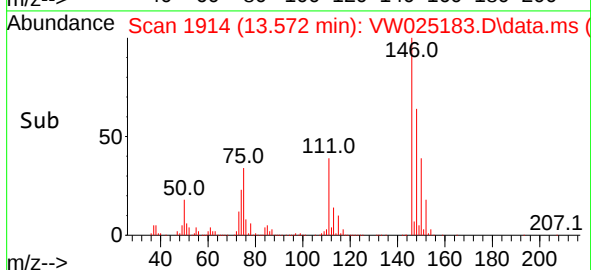
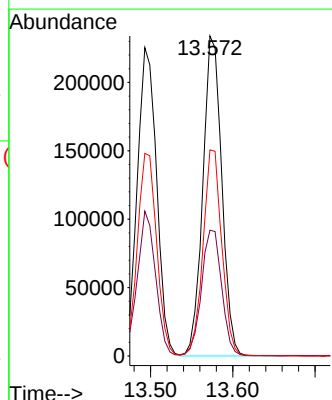
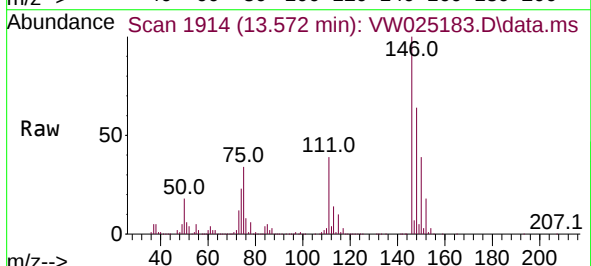
Tgt Ion:146 Resp: 374412

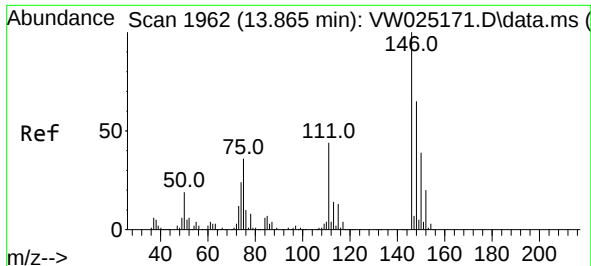
Ion Ratio Lower Upper

146 100

111 39.3 27.4 51.0

148 64.4 41.6 77.3





#67

1,2-Dichlorobenzene

Concen: 23.757 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

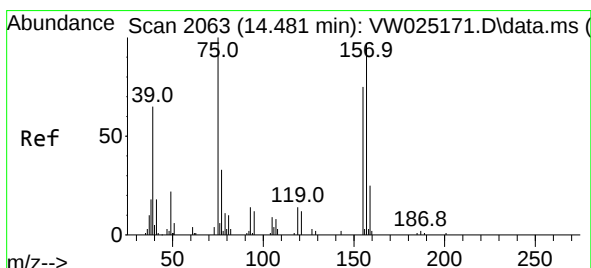
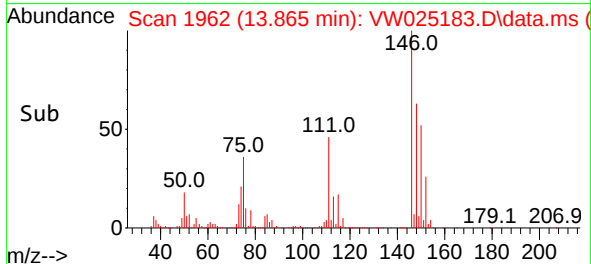
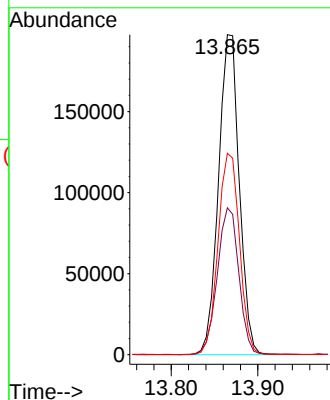
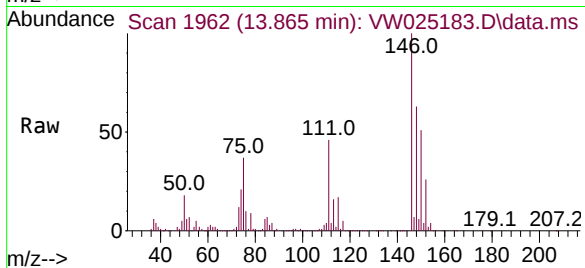
Tgt Ion:146 Resp: 329088

Ion Ratio Lower Upper

146 100

111 45.9 34.3 51.5

148 62.9 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.727 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

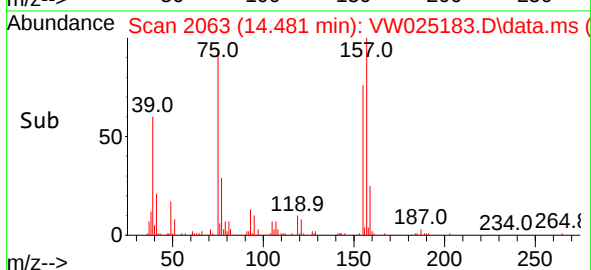
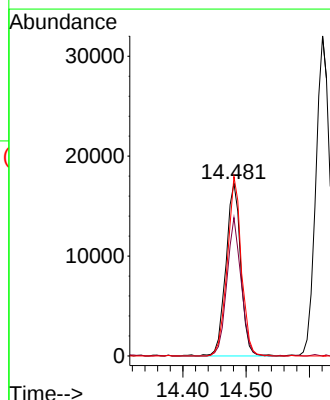
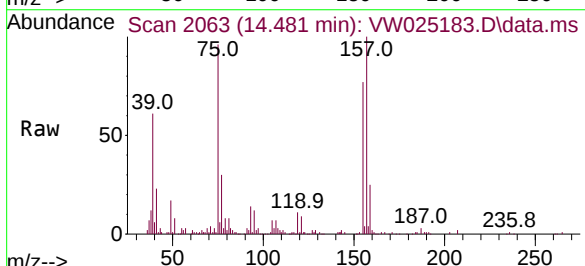
Tgt Ion: 75 Resp: 28049

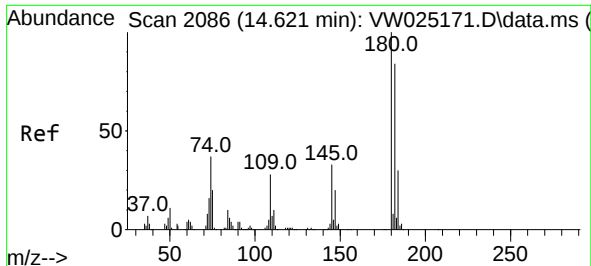
Ion Ratio Lower Upper

75 100

155 80.1 60.3 90.5

157 103.9 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 23.222 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 261907

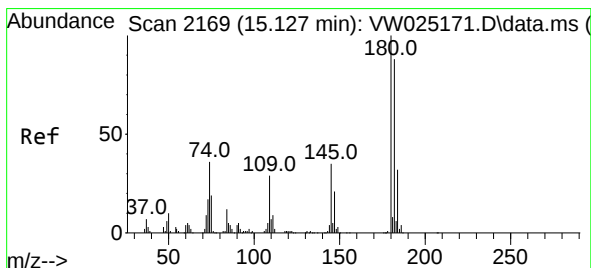
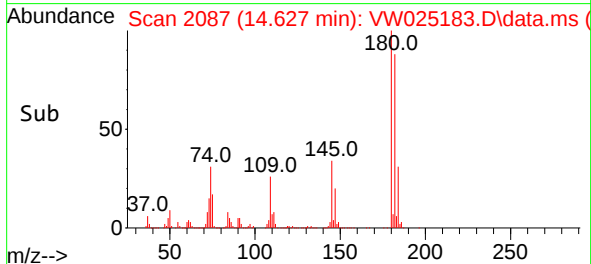
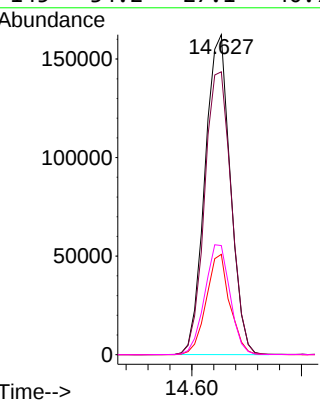
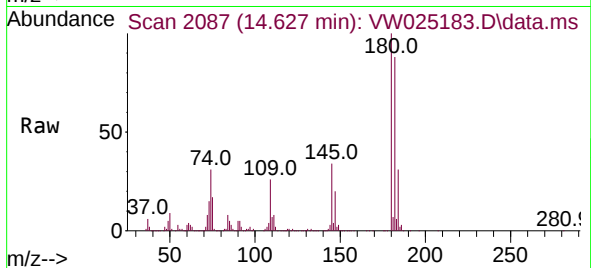
Ion Ratio Lower Upper

180 100

182 92.6 77.8 116.6

184 29.2 24.3 36.5

145 34.2 27.1 40.7



#70

1,2,4-trichlorobenzene

Concen: 24.746 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

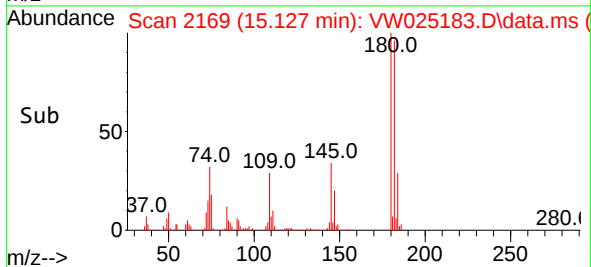
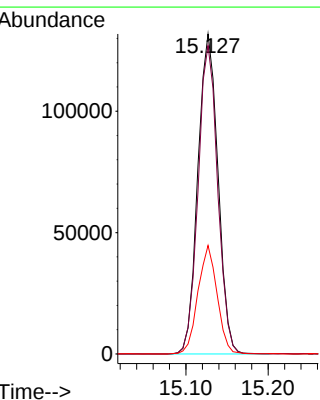
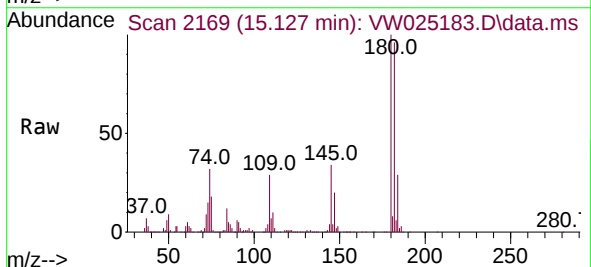
Tgt Ion:180 Resp: 223930

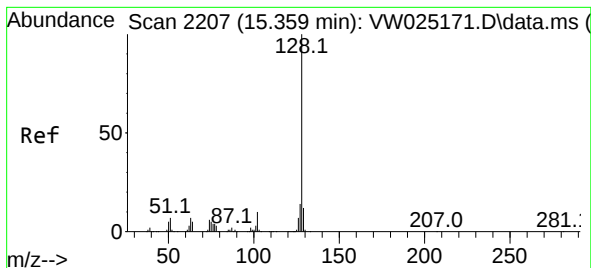
Ion Ratio Lower Upper

180 100

182 94.2 77.2 115.8

145 32.3 26.9 40.3





#71

Naphthalene

Concen: 27.476 ug/L

RT: 15.358 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

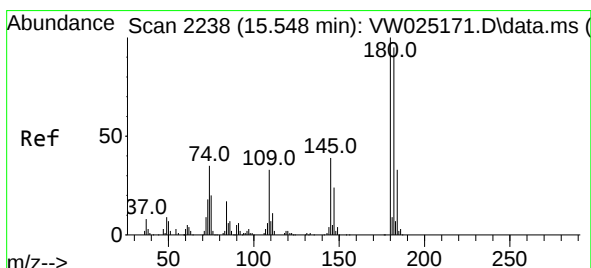
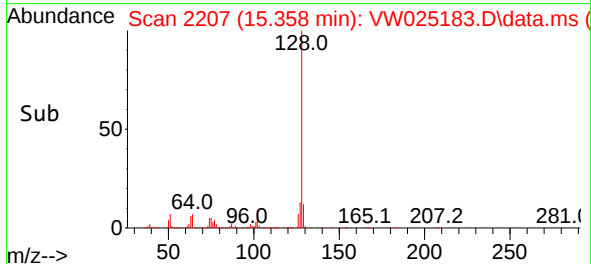
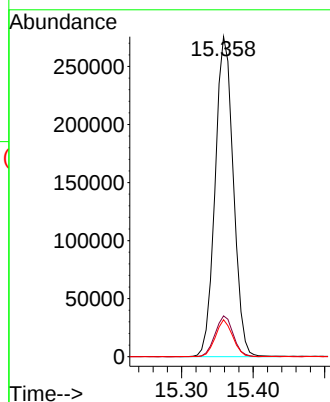
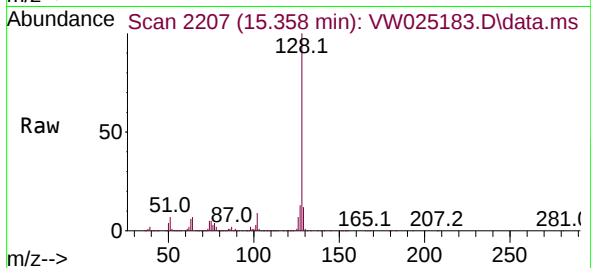
Tgt Ion:128 Resp: 487425

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 24.212 ug/L

RT: 15.547 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW025183.D

Acq: 23 Dec 2022 09:00

Tgt Ion:180 Resp: 192011

Ion Ratio Lower Upper

180 100

182 93.0 76.4 114.6

145 35.3 29.6 44.4

