

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023463.D
 Acq On : 10 Jun 2022 21:54
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 11 00:12:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 11 00:06:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	329606	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	328289	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	178494	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	129619	24.753	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.000%
7) Chloroethane-d5	2.885	69	93138	24.196	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	4.019	63	158922	21.743	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.960%
21) 2-Butanone-d5	7.080	46	51328	48.008	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.020%
24) Chloroform-d	7.647	84	212445	23.414	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.640%
26) 1,2-Dichloroethane-d4	8.305	65	117103	23.964	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.840%
32) Benzene-d6	8.275	84	395070	22.696	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	9.275	67	121712	23.733	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.920%
41) Toluene-d8	10.323	98	392289	23.073	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.280%
43) trans-1,3-Dichloroprop...	10.579	79	52798	22.557	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.240%
47) 2-Hexanone-d5	10.921	63	45014	54.931	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.860%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	116013	24.221	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	147169	22.840	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	42575	35.425	ug/L	96
3) Chloromethane	2.215	50	112671	28.341	ug/L	100
5) Vinyl chloride	2.361	62	165976	26.788	ug/L	98
6) Bromomethane	2.776	94	77212	22.018	ug/L	92
8) Chloroethane	2.916	64	79439	24.202	ug/L	99
9) Trichlorofluoromethane	3.251	101	57433	20.553	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	97778	24.270	ug/L	97
12) 1,1-Dichloroethene	4.038	96	82564	23.005	ug/L	92
13) Acetone	4.123	43	33330	43.270	ug/L	100
14) Carbon disulfide	4.385	76	248978	22.552	ug/L	99
15) Methyl Acetate	4.672	43	40584	23.599	ug/L	96
16) Methylene chloride	4.909	84	102638	23.009	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	98937	23.283	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	158867	24.840	ug/L	98
19) 1,1-Dichloroethane	6.214	63	183020	24.046	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	110068	23.686	ug/L #	99
22) 2-Butanone	7.171	43	57944	49.146	ug/L	98
23) Bromochloromethane	7.513	128	51144	23.890	ug/L	94
25) Chloroform	7.677	83	205866	23.967	ug/L	95

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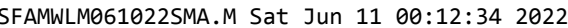
Instrument :
 MSVOA_W
 ClientSampleId :

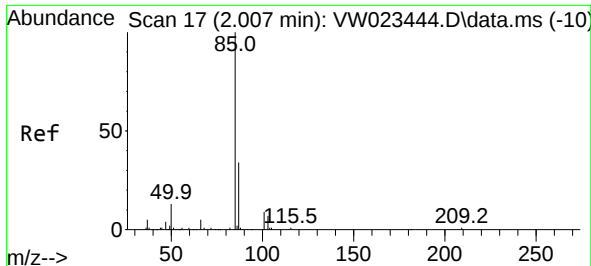
Quant Time: Jun 11 00:12:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 11 00:06:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	141993	24.996	ug/L	100
29) Cyclohexane	7.958	56	152983	23.136	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	169670	22.328	ug/L	98
31) Carbon tetrachloride	8.067	117	153529	21.930	ug/L	99
33) Benzene	8.323	78	436414	23.012	ug/L	100
34) Trichloroethene	9.092	95	113586	22.346	ug/L	95
35) Methylcyclohexane	9.336	83	186471	22.659	ug/L	98
37) 1,2-Dichloropropane	9.366	63	110939	23.938	ug/L	99
38) Bromodichloromethane	9.646	83	156211	23.965	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	168417	23.714	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	131664	49.810	ug/L	99
42) Toluene	10.384	91	505397	23.853	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	153764	23.994	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	89079	23.399	ug/L	95
46) Tetrachloroethene	10.860	164	86652	22.082	ug/L	90
48) 2-Hexanone	10.963	43	95021	53.191	ug/L	95
49) Dibromochloromethane	11.128	129	108233	24.276	ug/L	97
50) 1,2-Dibromoethane	11.238	107	85781	24.105	ug/L	96
51) Chlorobenzene	11.658	112	331824	23.205	ug/L	93
52) Ethylbenzene	11.731	91	577620	23.986	ug/L	98
53) m,p-Xylene	11.835	106	222444	23.734	ug/L	94
54) o-Xylene	12.164	106	218776	24.427	ug/L	100
55) Styrene	12.176	104	386334	24.808	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	111987	24.223	ug/L	99
59) Bromoform	12.347	173	57637	22.717	ug/L	97
60) Isopropylbenzene	12.463	105	598364	23.420	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	81008	23.852	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	498626	23.862	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	488006	23.337	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	259938	22.933	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	262785	22.706	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	246161	23.711	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18144	24.194	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.621	180	163127	22.026	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	133378	23.128	ug/L	98
71) Naphthalene	15.359	128	278258	24.527	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	117447	23.426	ug/L	97

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

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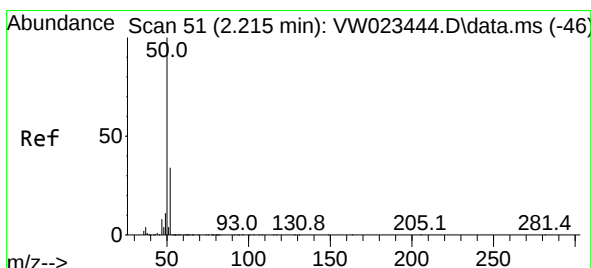
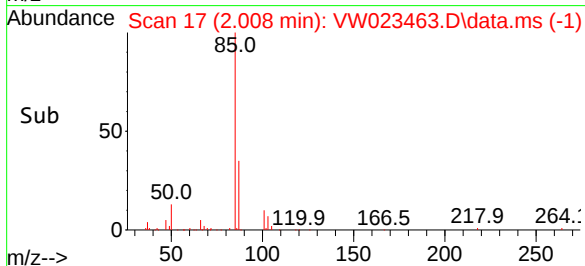
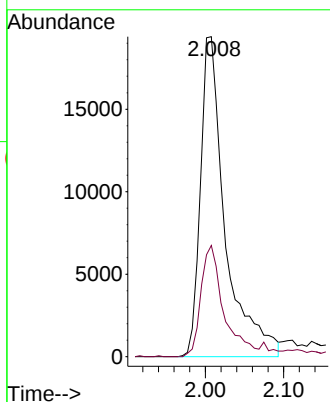
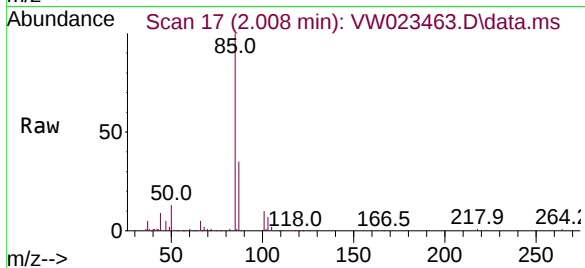




#2
 Dichlorodifluoromethane
 Concen: 35.425 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023463.D
 Acq: 10 Jun 2022 21:54

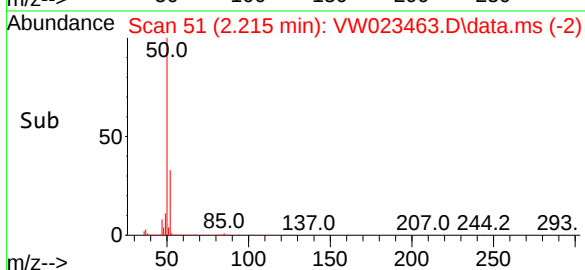
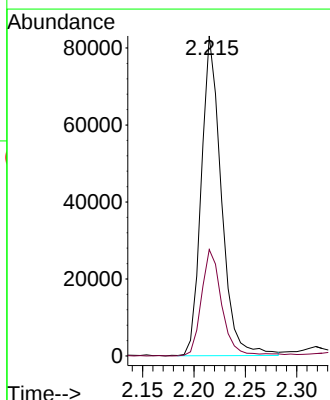
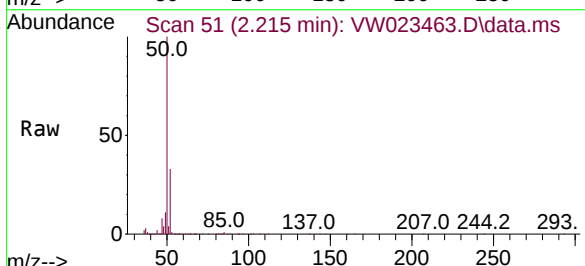
Instrument :
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 ClientSampleId :

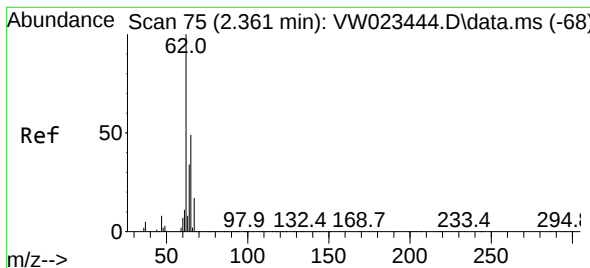
Tgt Ion: 85 Resp: 42575
 Ion Ratio Lower Upper
 85 100
 87 32.3 27.8 41.8



#3
 Chloromethane
 Concen: 28.341 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023463.D
 Acq: 10 Jun 2022 21:54

Tgt Ion: 50 Resp: 112671
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.1 42.9





#5

Vinyl chloride

Concen: 26.788 ug/L

RT: 2.361 min Scan# 75

Delta R.T. 0.000 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

Instrument :

MSVOA_W

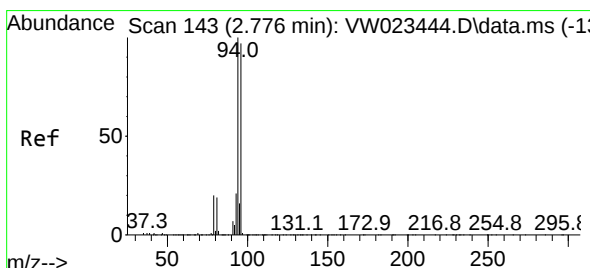
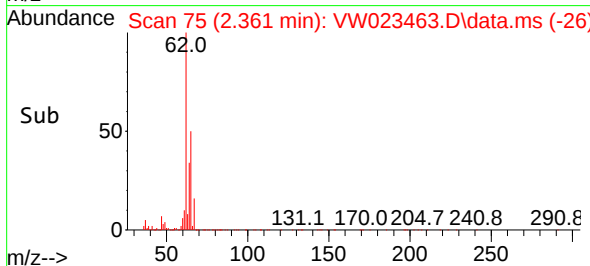
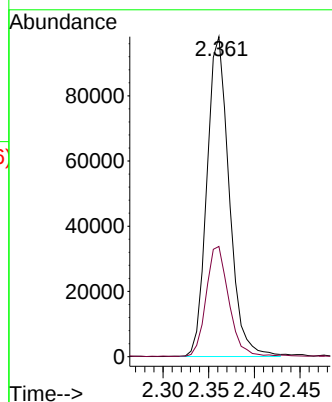
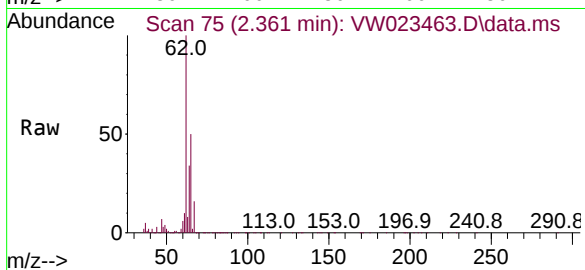
ClientSampleId :

Tgt Ion: 62 Resp: 165976

Ion Ratio Lower Upper

62 100

64 34.4 24.9 46.3



#6

Bromomethane

Concen: 22.018 ug/L

RT: 2.776 min Scan# 143

Delta R.T. 0.000 min

Lab File: VW023463.D

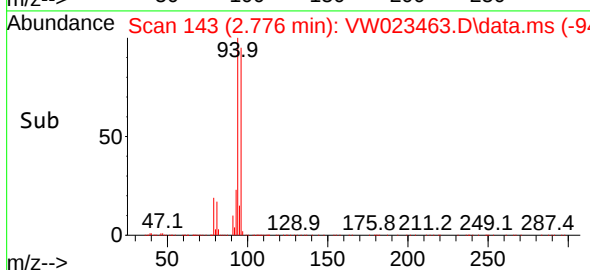
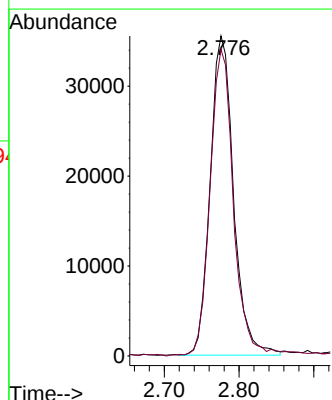
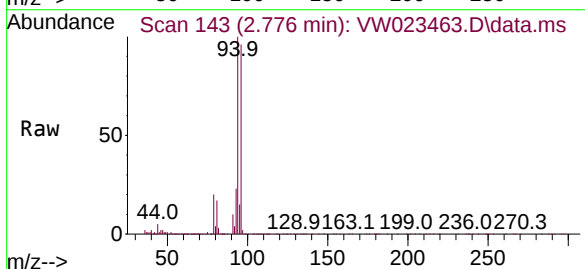
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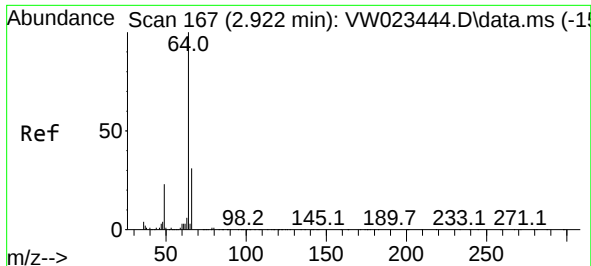
Tgt Ion: 94 Resp: 77212

Ion Ratio Lower Upper

94 100

96 95.8 61.7 114.5

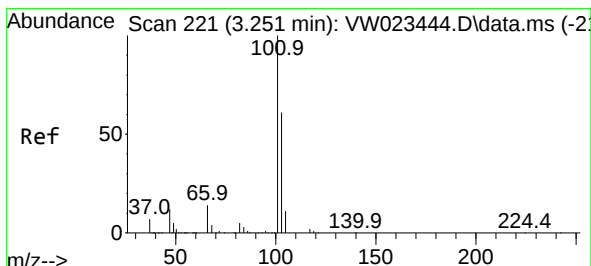
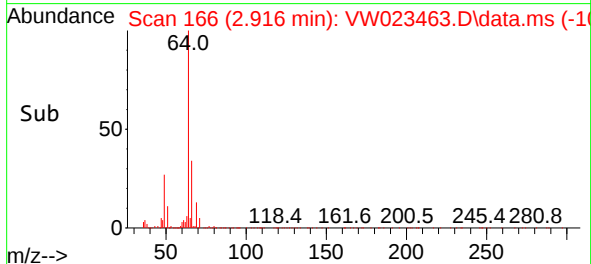
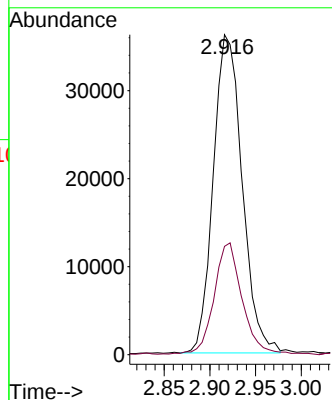
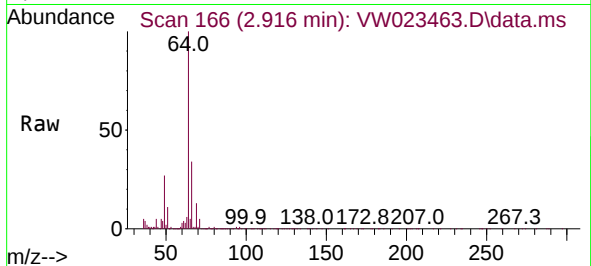




#8
Chloroethane
Concen: 24.202 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

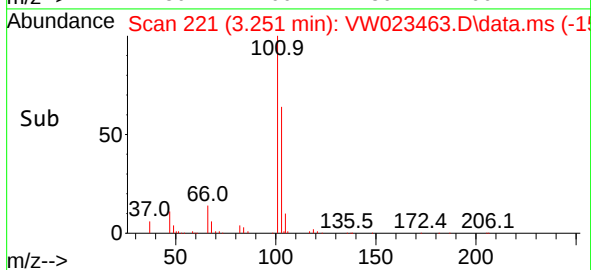
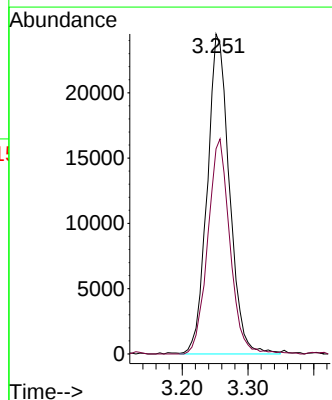
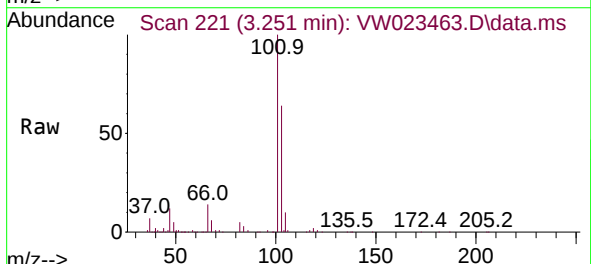
Instrument :
MSVOA_W
ClientSampleId :

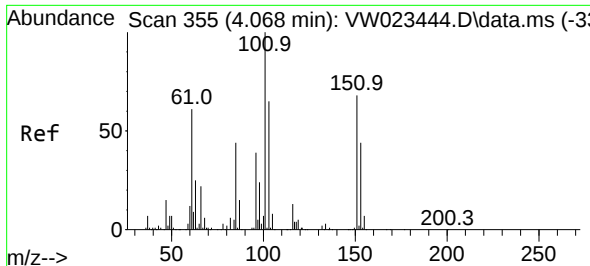
Tgt Ion: 64 Resp: 79439
Ion Ratio Lower Upper
64 100
66 33.9 23.4 43.6



#9
Trichlorofluoromethane
Concen: 20.553 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

Tgt Ion: 101 Resp: 57433
Ion Ratio Lower Upper
101 100
103 66.9 53.9 80.9

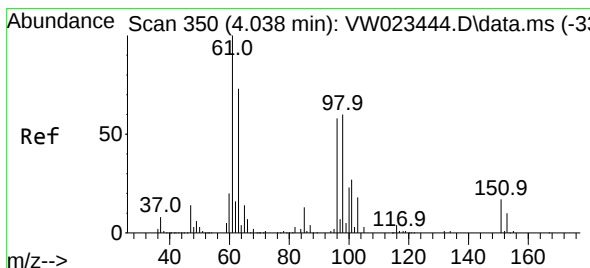
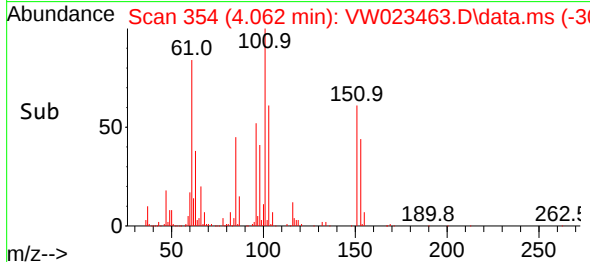
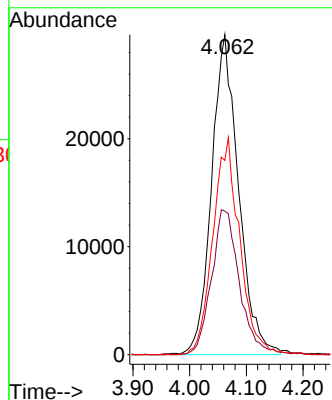
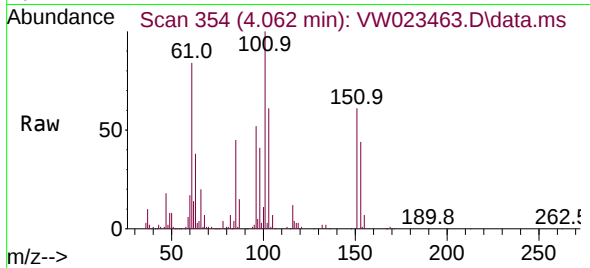




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.270 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW023463.D
 Acq: 10 Jun 2022 21:54

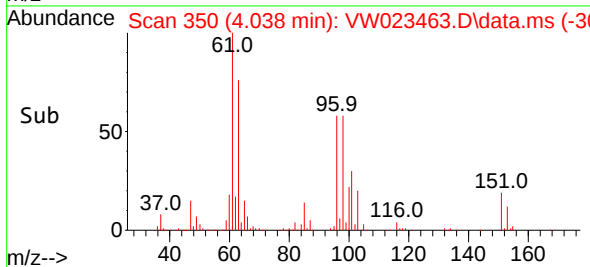
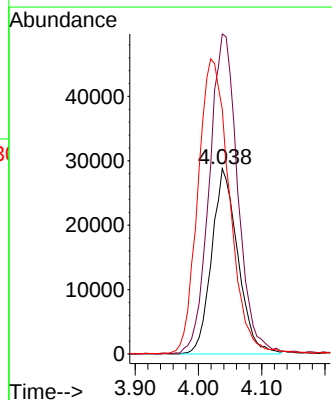
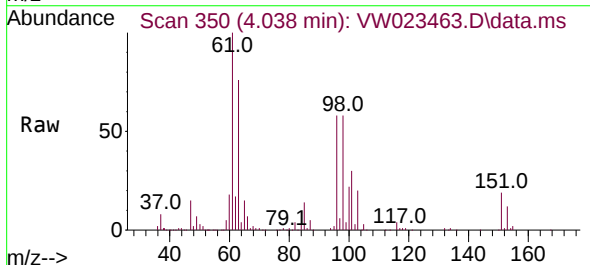
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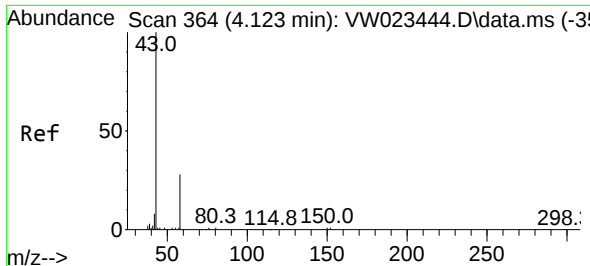
Tgt Ion:101 Resp: 97778
 Ion Ratio Lower Upper
 101 100
 85 46.9 34.3 51.5
 151 67.6 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 23.005 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW023463.D
 Acq: 10 Jun 2022 21:54

Tgt Ion: 96 Resp: 82564
 Ion Ratio Lower Upper
 96 100
 61 172.7 125.7 233.5
 63 132.1 83.4 155.0

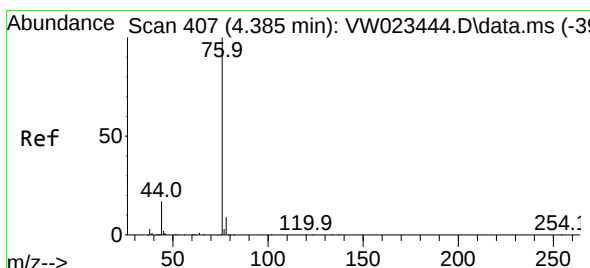
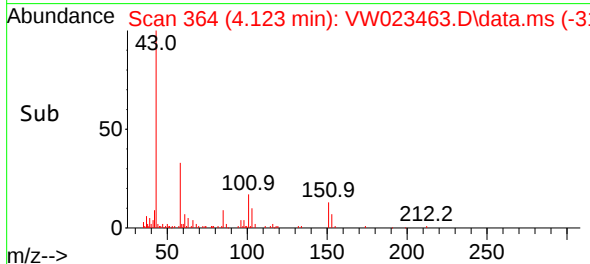
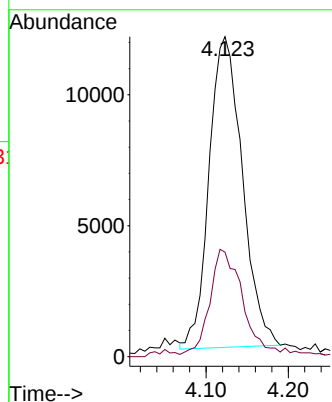
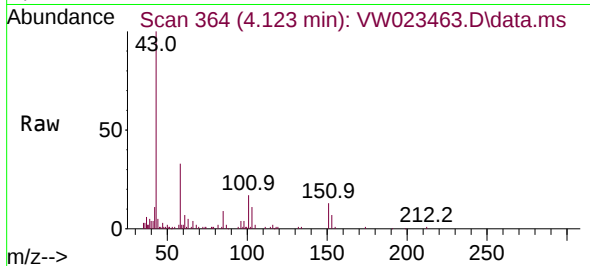




#13
Acetone
Concen: 43.270 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

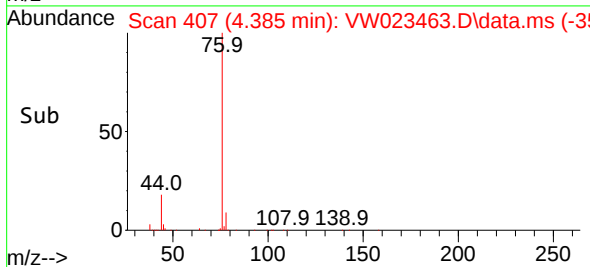
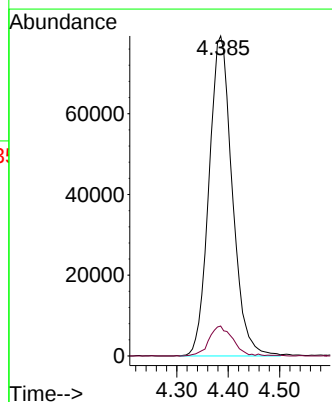
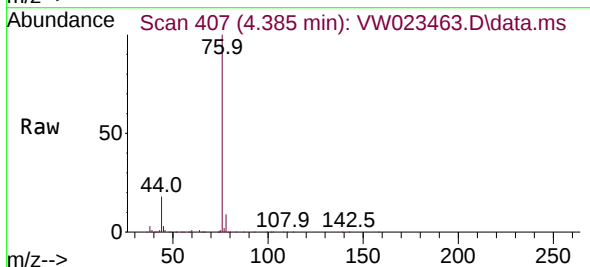
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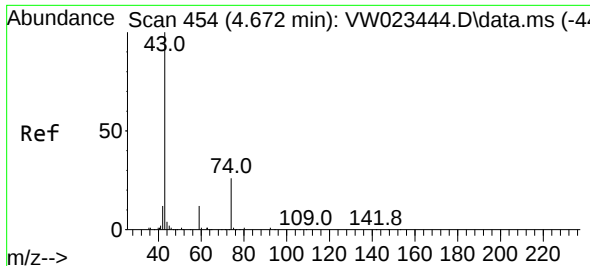
Tgt Ion: 43 Resp: 33330
Ion Ratio Lower Upper
43 100
58 32.1 0.0 64.0



#14
Carbon disulfide
Concen: 22.552 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

Tgt Ion: 76 Resp: 248978
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5

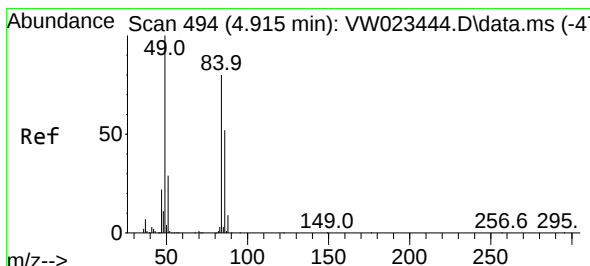
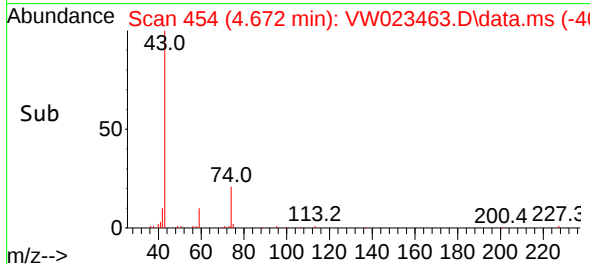
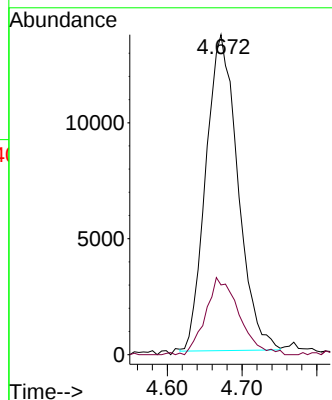
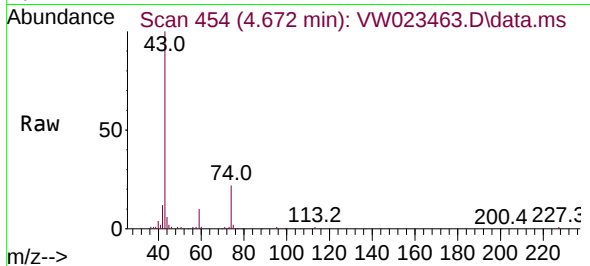




#15
Methyl Acetate
Concen: 23.599 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

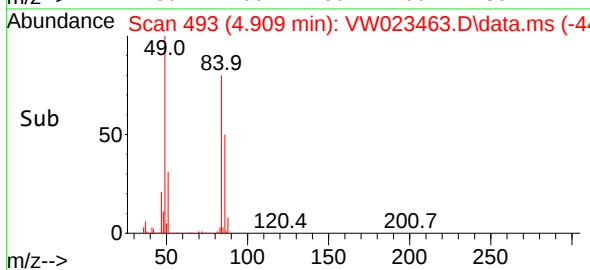
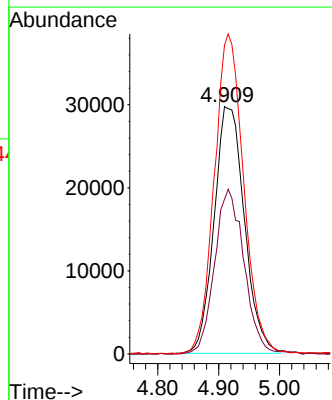
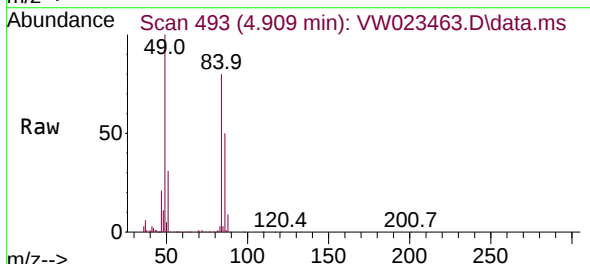
Instrument :
MSVOA_W
ClientSampleId :

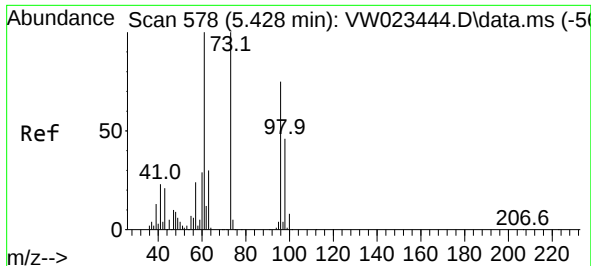
Tgt Ion: 43 Resp: 40584
Ion Ratio Lower Upper
43 100
74 25.3 21.9 32.9



#16
Methylene chloride
Concen: 23.009 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

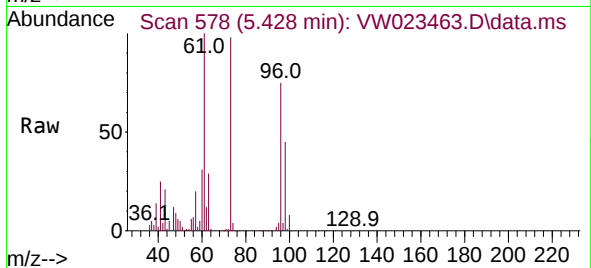
Tgt Ion: 84 Resp: 102638
Ion Ratio Lower Upper
84 100
86 62.5 45.4 84.4
49 125.0 82.5 153.1



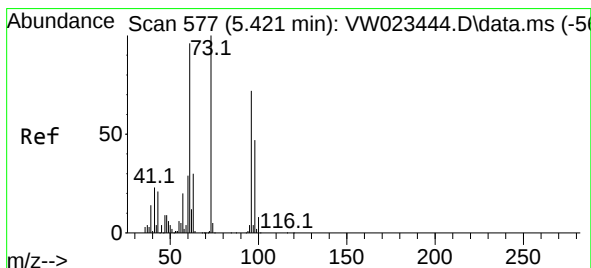
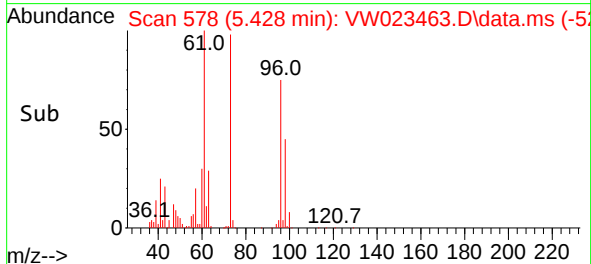
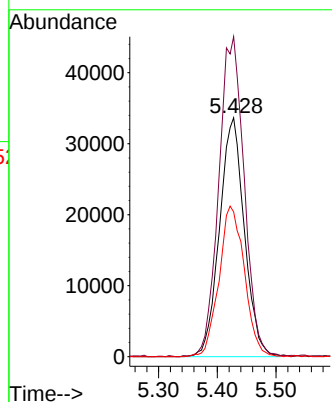


#17
trans-1,2-Dichloroethene
Concen: 23.283 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

Instrument :
MSVOA_W
ClientSampleId :

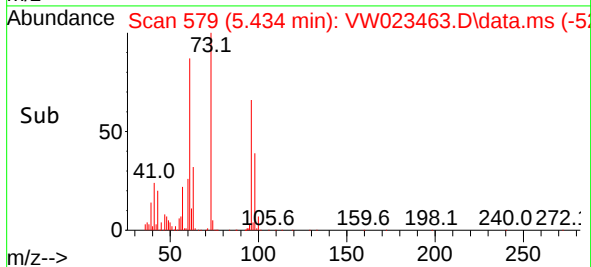
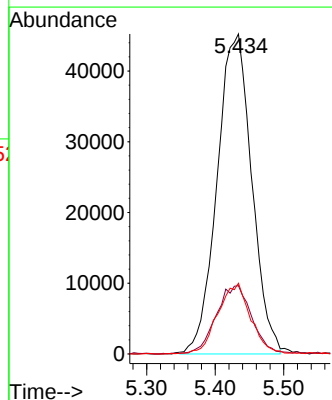
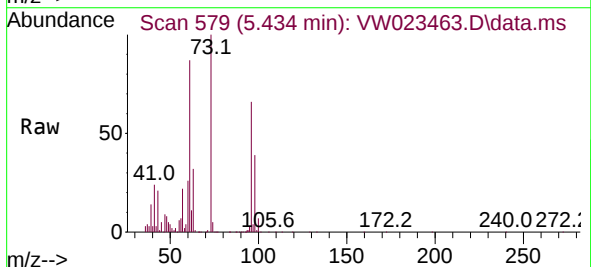


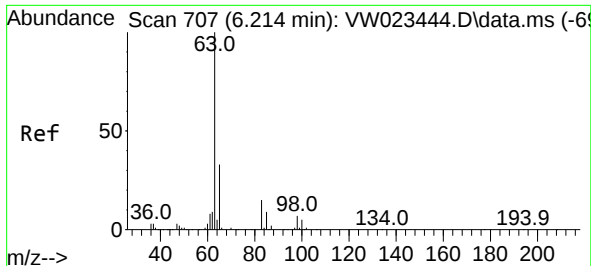
Tgt Ion: 96 Resp: 98937
Ion Ratio Lower Upper
96 100
61 133.9 92.2 171.2
98 60.6 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 24.840 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

Tgt Ion: 73 Resp: 158867
Ion Ratio Lower Upper
73 100
43 21.5 15.9 23.9
57 20.3 16.5 24.7





#19

1,1-Dichloroethane

Concen: 24.046 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

Instrument :

MSVOA_W

ClientSampleId :

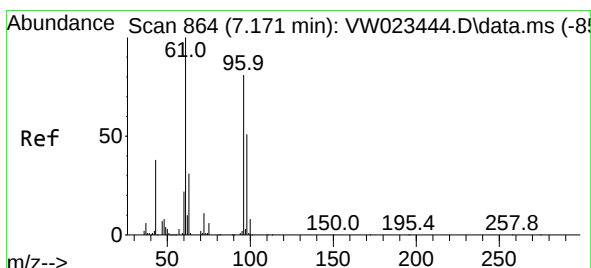
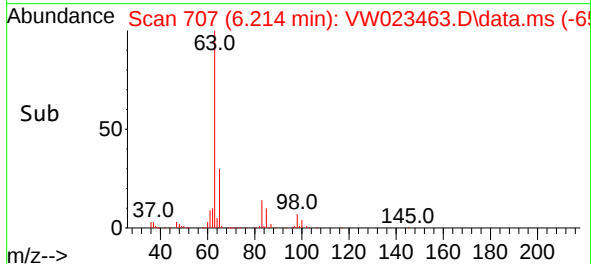
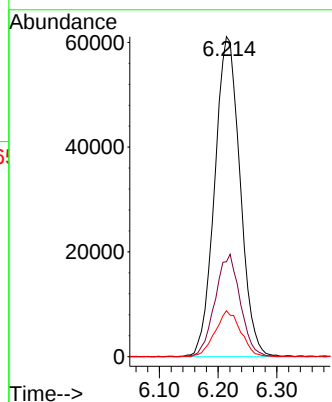
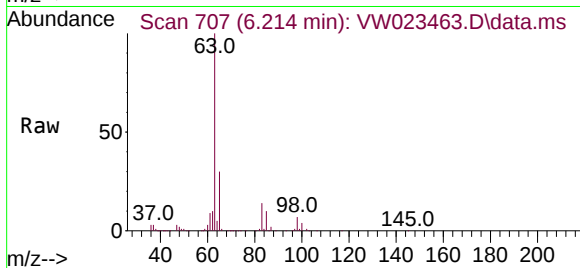
Tgt Ion: 63 Resp: 183020

Ion Ratio Lower Upper

63 100

65 29.6 23.3 43.3

83 14.3 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 23.686 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

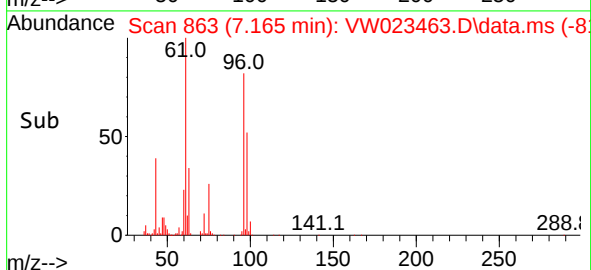
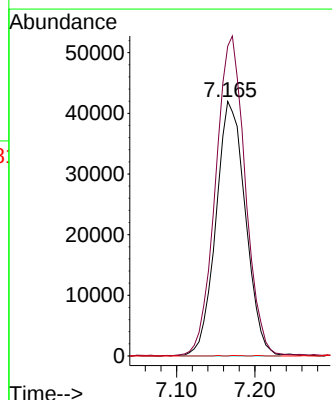
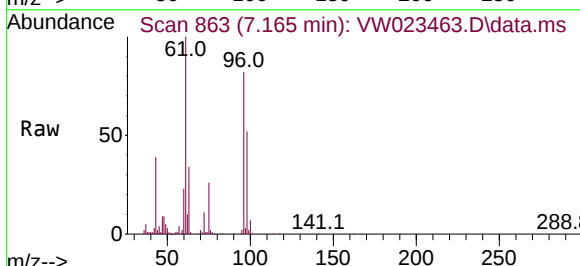
Tgt Ion: 96 Resp: 110068

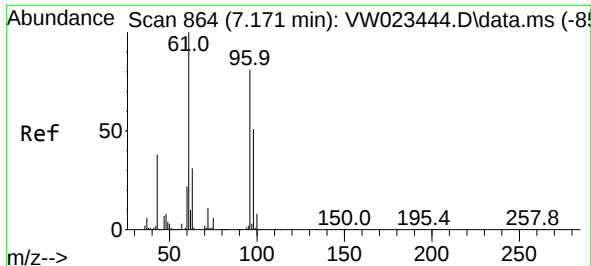
Ion Ratio Lower Upper

96 100

61 121.7 84.2 156.4

68 0.0 0.1 0.1#

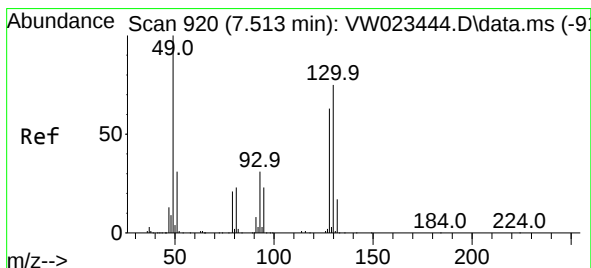
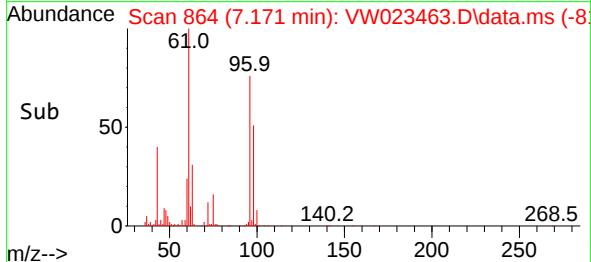
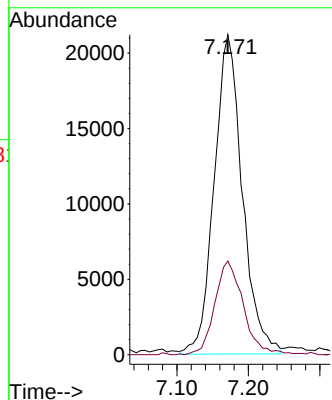
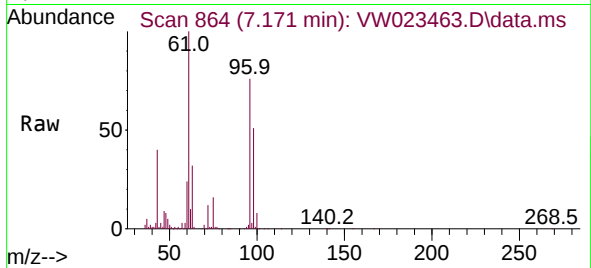




#22
2-Butanone
Concen: 49.146 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

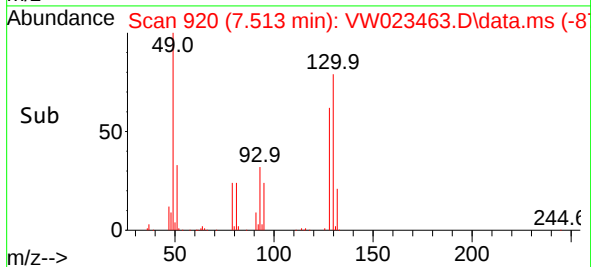
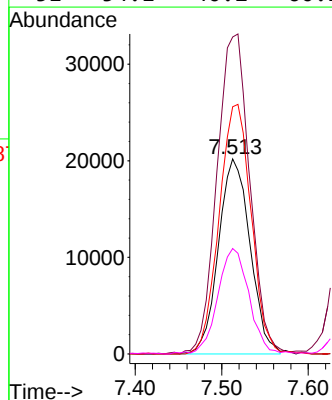
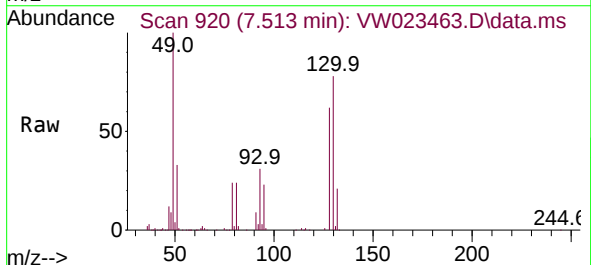
Instrument :
MSVOA_W
ClientSampleId :

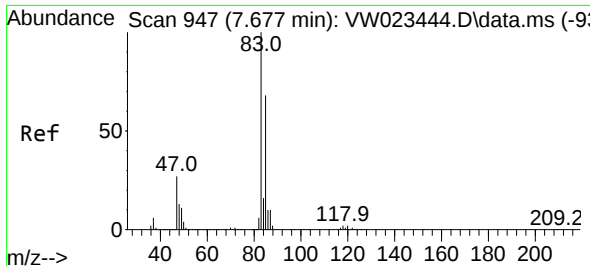
Tgt Ion: 43 Resp: 57944
Ion Ratio Lower Upper
43 100
72 29.0 15.1 45.3



#23
Bromochloromethane
Concen: 23.890 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

Tgt Ion: 128 Resp: 51144
Ion Ratio Lower Upper
128 100
49 162.6 110.0 204.4
130 126.8 94.8 176.0
51 54.1 40.2 60.2

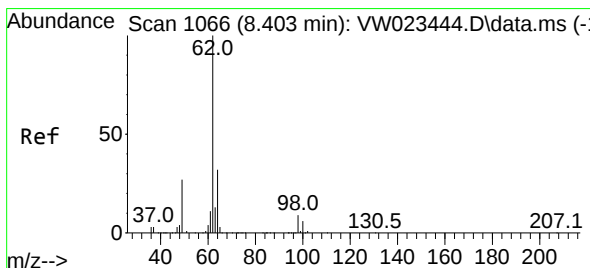
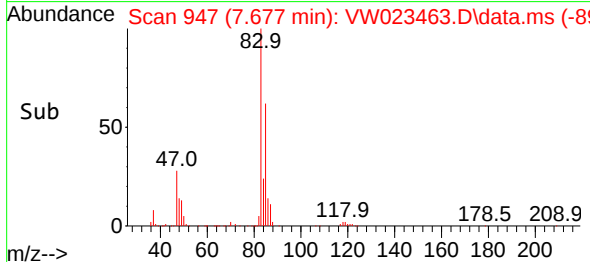
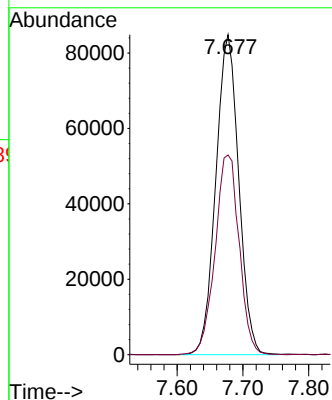
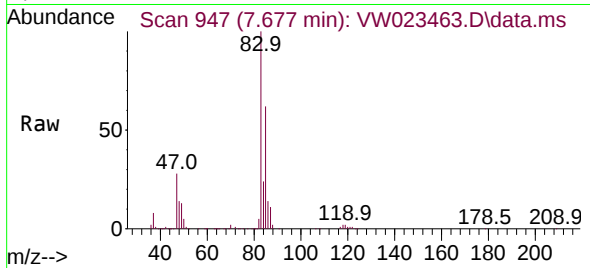




#25
Chloroform
Concen: 23.967 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

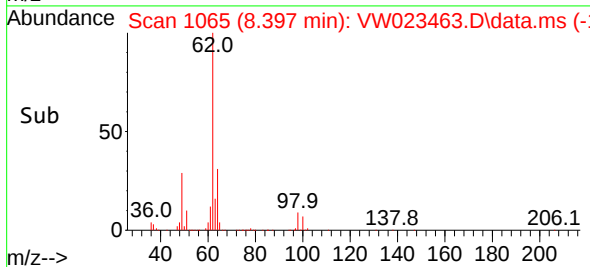
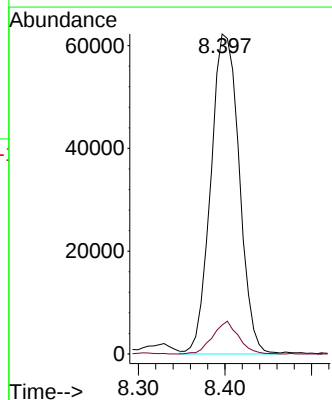
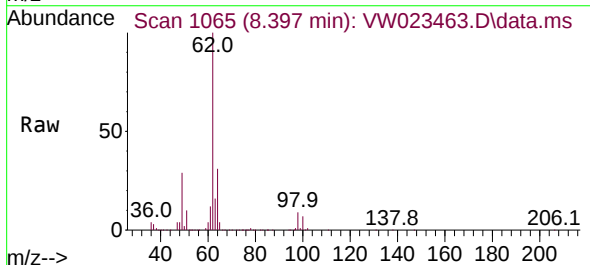
Instrument :
MSVOA_W
ClientSampleId :

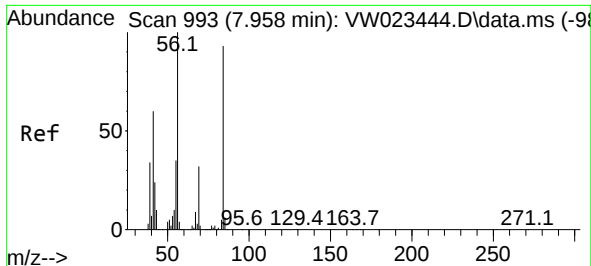
Tgt Ion: 83 Resp: 205866
Ion Ratio Lower Upper
83 100
85 62.4 46.6 86.6



#27
1,2-Dichloroethane
Concen: 24.996 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

Tgt Ion: 62 Resp: 141993
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8





#29

Cyclohexane

Concen: 23.136 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

Instrument :

MSVOA_W

ClientSampleId :

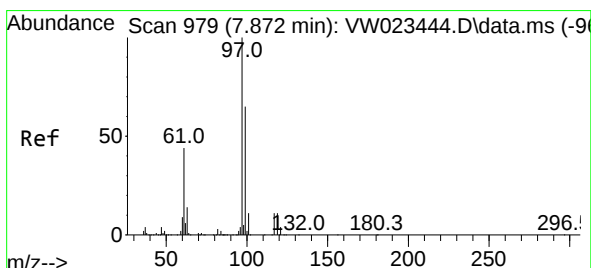
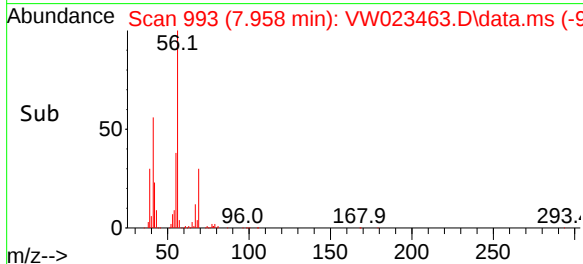
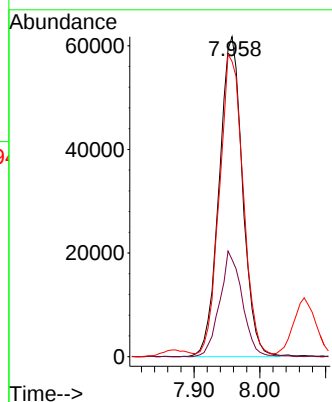
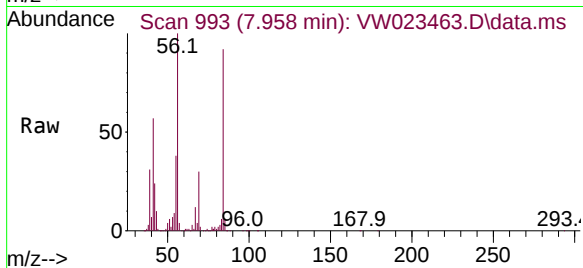
Tgt Ion: 56 Resp: 152983

Ion Ratio Lower Upper

56 100

69 31.6 25.6 38.4

84 96.0 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 22.328 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

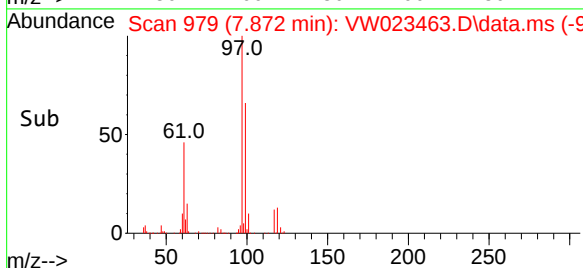
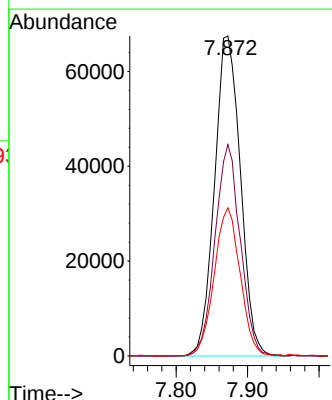
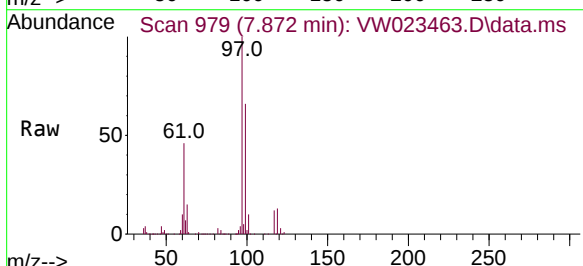
Tgt Ion: 97 Resp: 169670

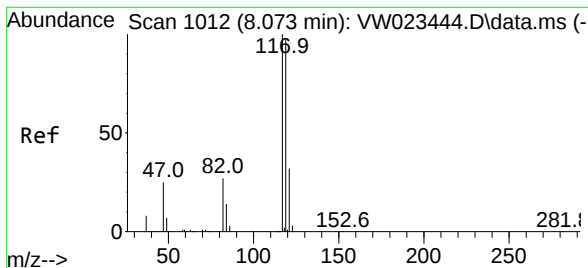
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 46.3 34.8 52.2





#31

Carbon tetrachloride

Concen: 21.930 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.006 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

Instrument :

MSVOA_W

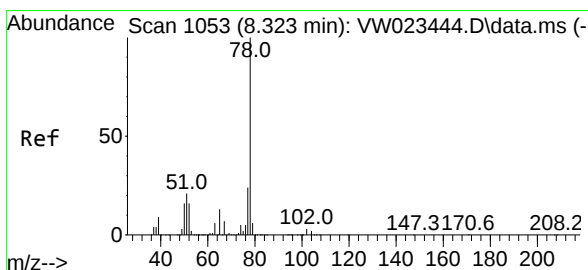
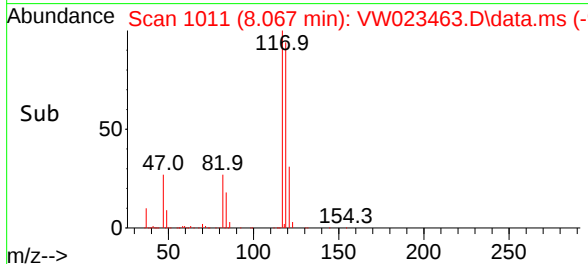
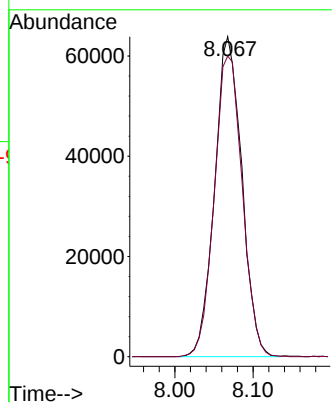
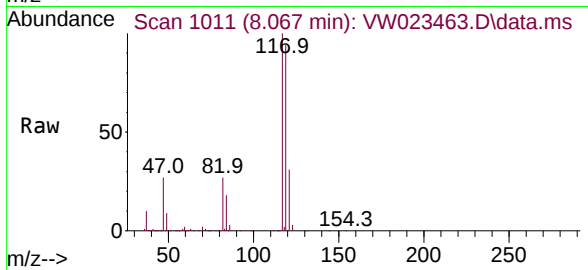
ClientSampleId :

Tgt Ion:117 Resp: 153529

Ion Ratio Lower Upper

117 100

119 97.0 76.6 115.0



#33

Benzene

Concen: 23.012 ug/L

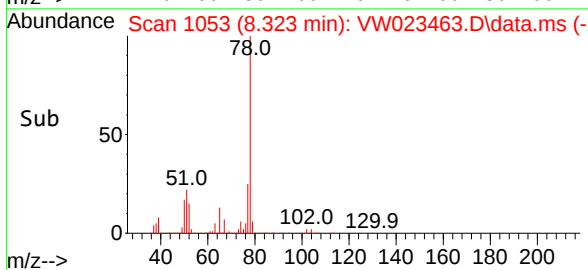
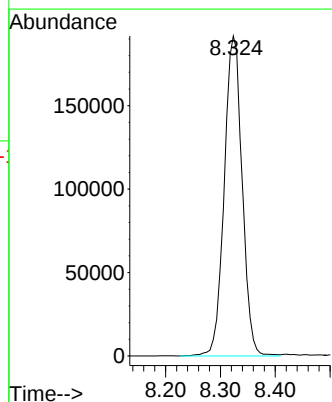
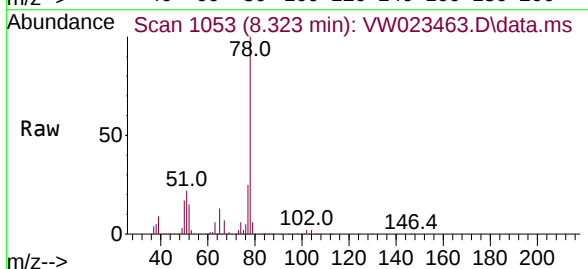
RT: 8.323 min Scan# 1053

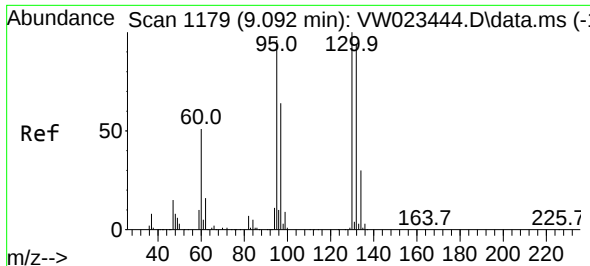
Delta R.T. 0.000 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

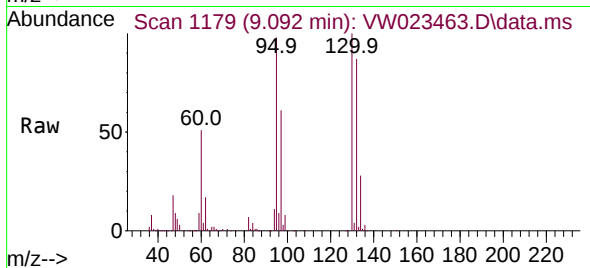
Tgt Ion: 78 Resp: 436414





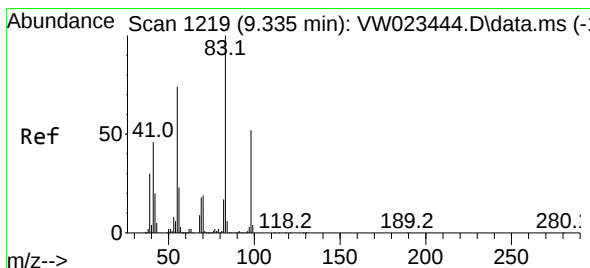
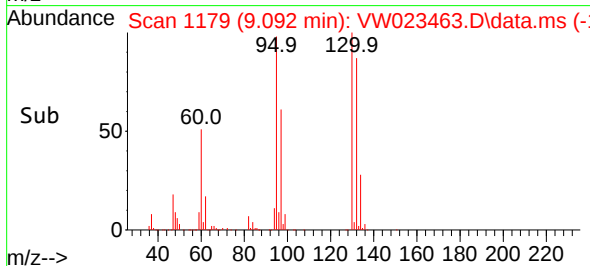
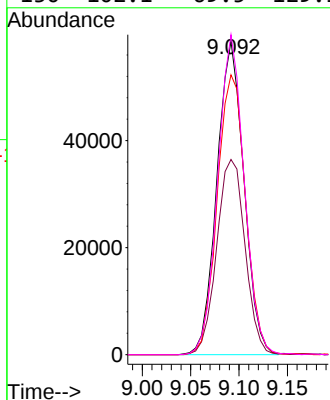
#34
Trichloroethene
Concen: 22.346 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 113586

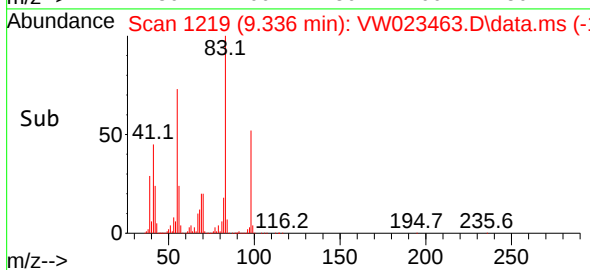
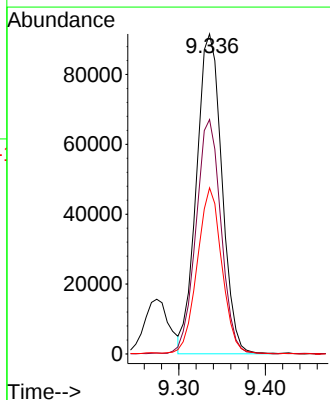
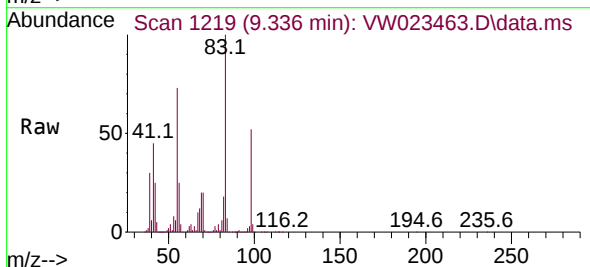
Ion	Ratio	Lower	Upper
95	100		
97	62.3	46.1	85.7
132	89.3	66.9	124.3
130	102.1	69.5	129.1

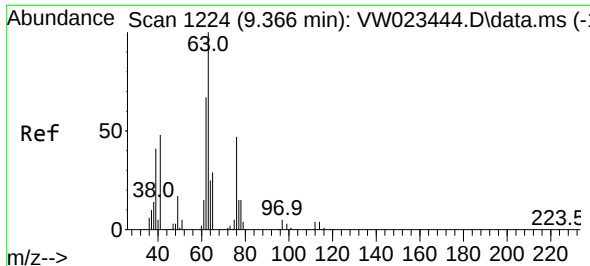


#35
Methylcyclohexane
Concen: 22.659 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

Tgt Ion: 83 Resp: 186471

Ion	Ratio	Lower	Upper
83	100		
55	72.2	55.1	82.7
98	50.6	40.4	60.6





#37

1,2-Dichloropropane

Concen: 23.938 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

Instrument :

MSVOA_W

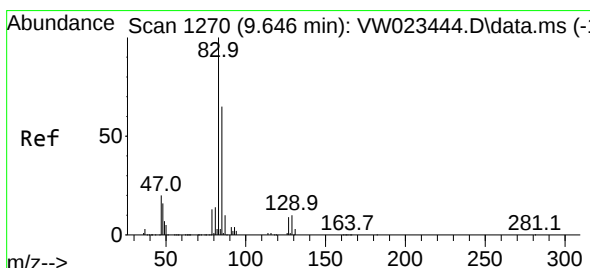
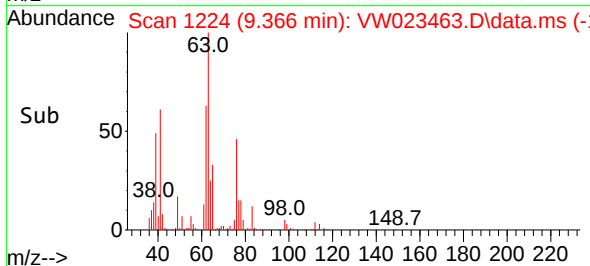
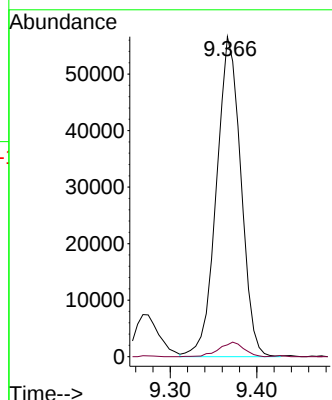
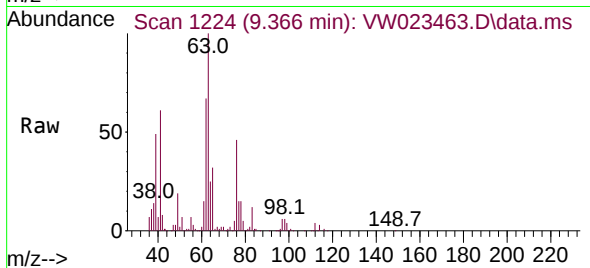
ClientSampleId :

Tgt Ion: 63 Resp: 110939

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 23.965 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

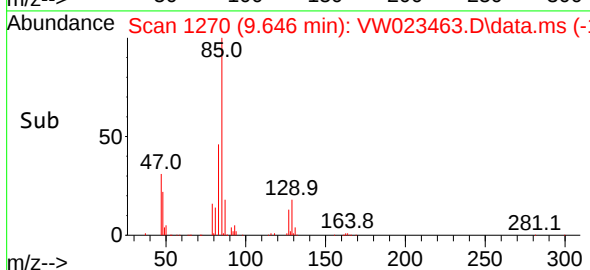
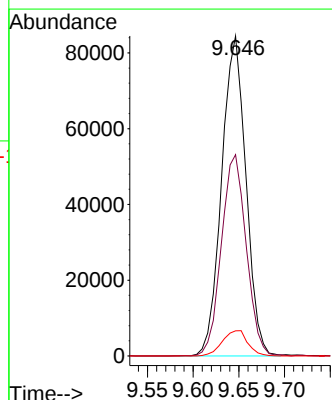
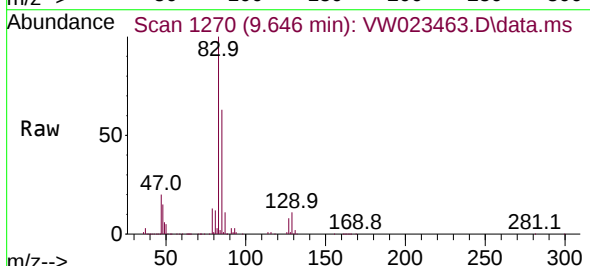
Tgt Ion: 83 Resp: 156211

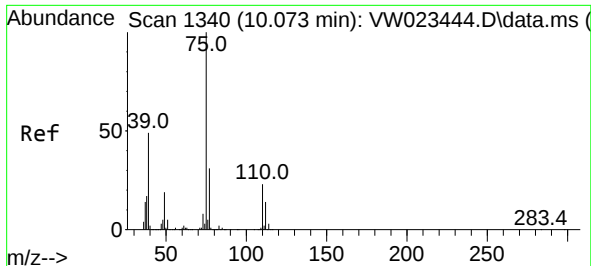
Ion Ratio Lower Upper

83 100

85 62.9 43.5 80.7

127 7.9 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 23.714 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

Instrument :

MSVOA_W

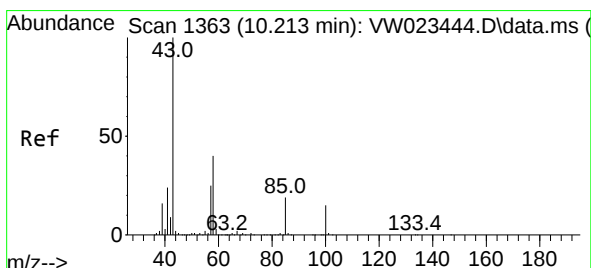
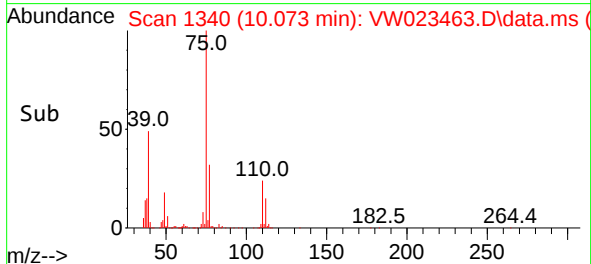
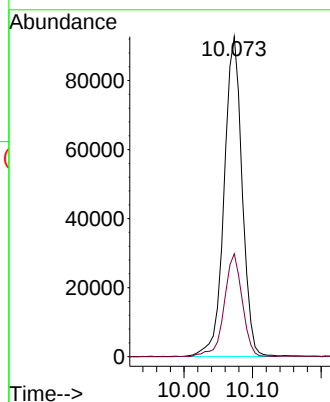
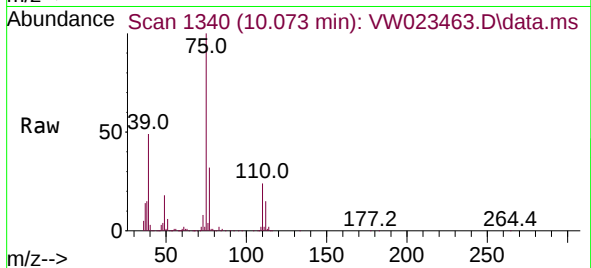
ClientSampleId :

Tgt Ion: 75 Resp: 168417

Ion Ratio Lower Upper

75 100

77 32.1 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 49.810 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

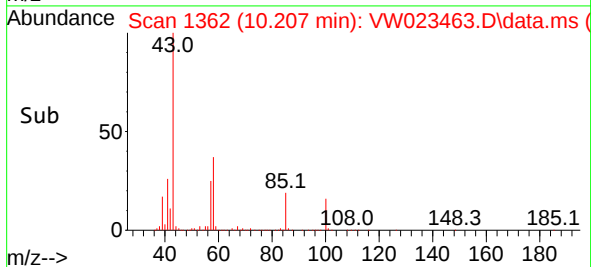
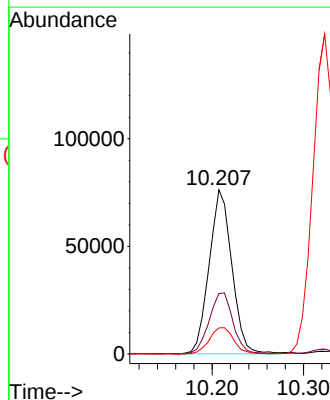
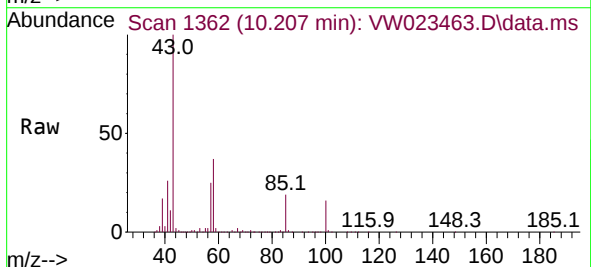
Tgt Ion: 43 Resp: 131664

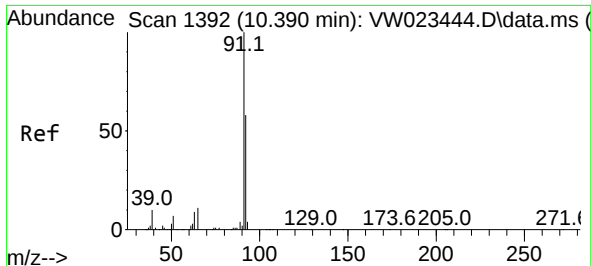
Ion Ratio Lower Upper

43 100

58 39.2 31.4 47.2

100 17.2 14.2 21.4

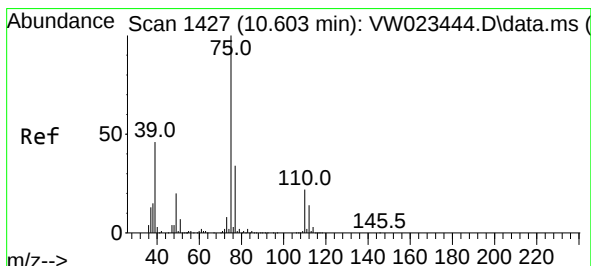
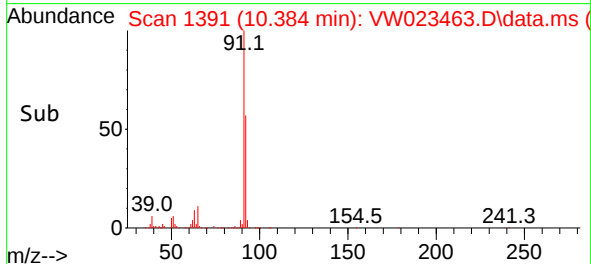
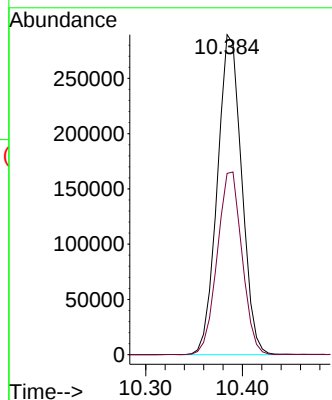
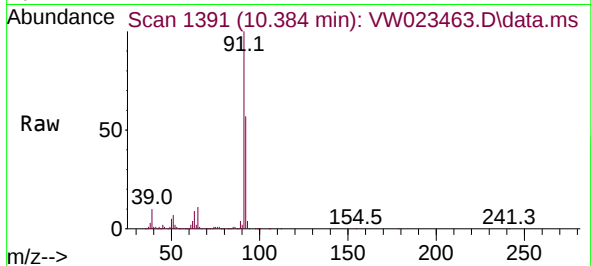




#42
Toluene
Concen: 23.853 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

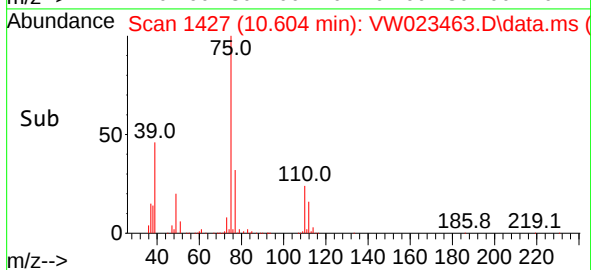
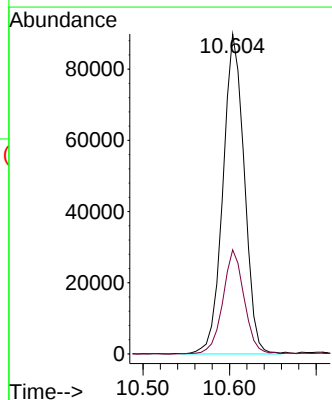
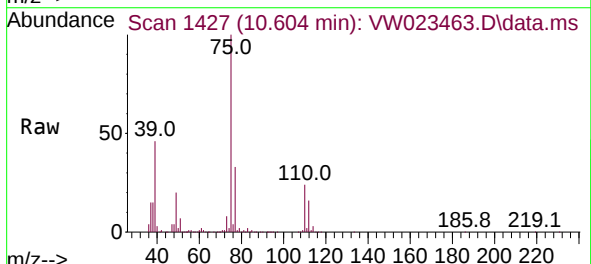
Instrument :
MSVOA_W
ClientSampleId :

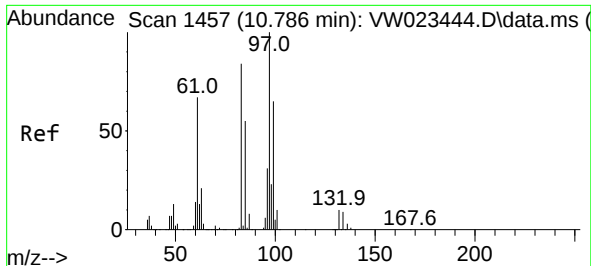
Tgt Ion: 91 Resp: 505397
Ion Ratio Lower Upper
91 100
92 56.6 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 23.994 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

Tgt Ion: 75 Resp: 153764
Ion Ratio Lower Upper
75 100
77 32.5 22.0 40.8

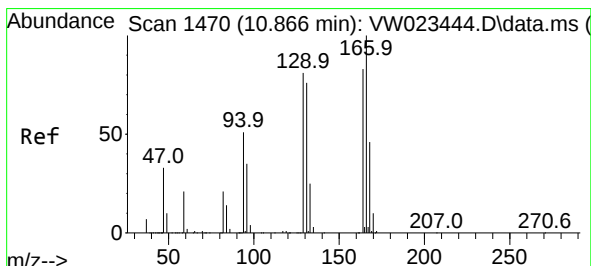
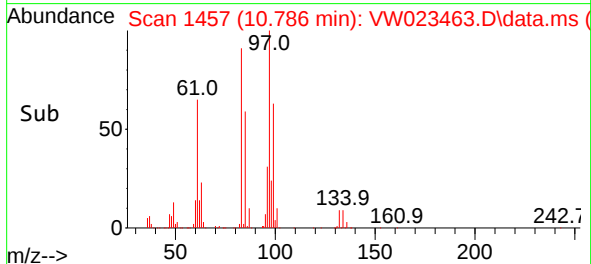
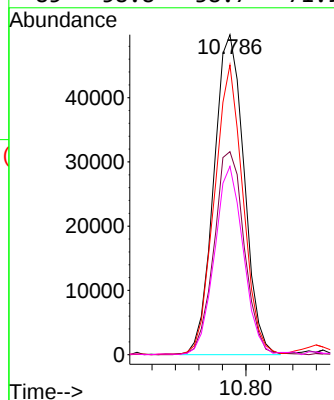
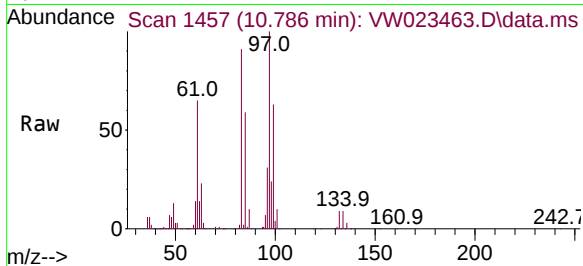




#45
1,1,2-Trichloroethane
Concen: 23.399 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

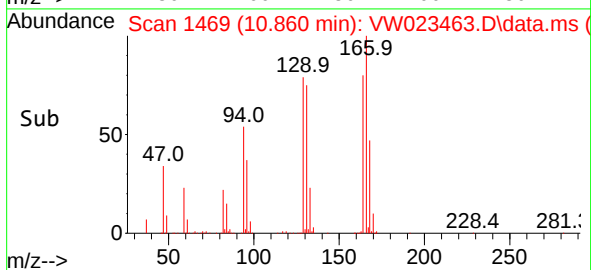
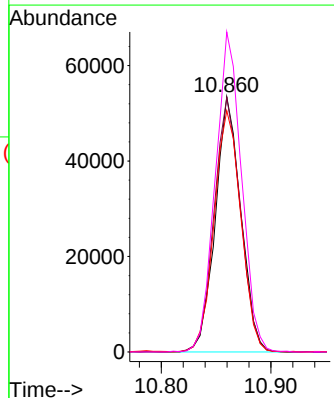
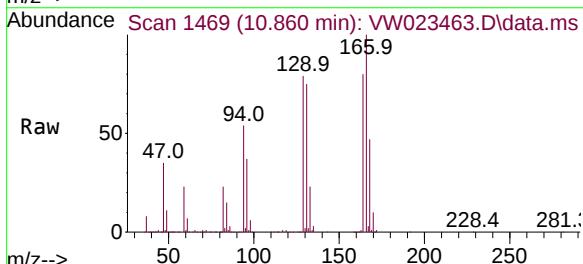
Instrument :
MSVOA_W
ClientSampleId :

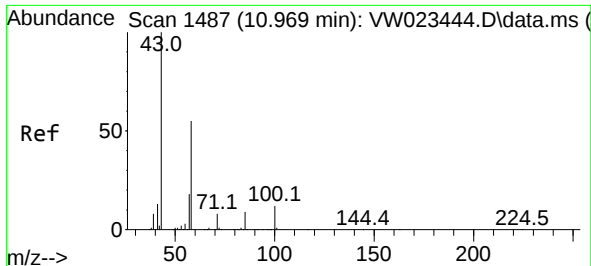
Tgt Ion:	97	Resp:	89079
Ion	Ratio	Lower	Upper
97	100		
99	63.4	44.7	82.9
83	90.5	58.4	108.4
85	58.8	38.7	71.9



#46
Tetrachloroethene
Concen: 22.082 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

Tgt Ion:	164	Resp:	86652
Ion	Ratio	Lower	Upper
164	100		
129	99.6	76.9	142.7
131	94.6	75.1	139.5
166	125.4	96.0	178.2

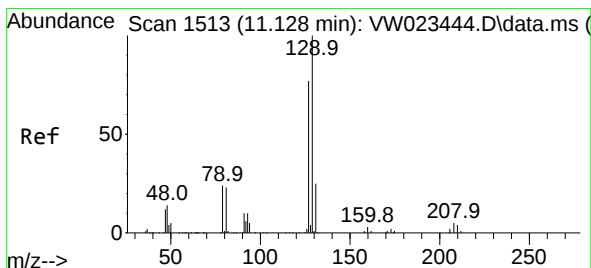
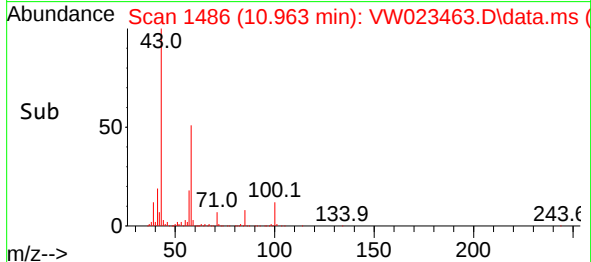
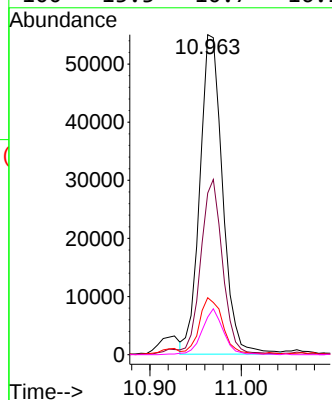
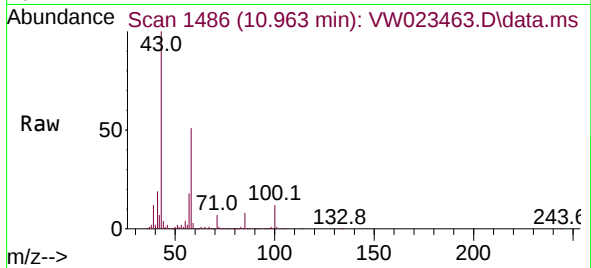




#48
2-Hexanone
Concen: 53.191 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

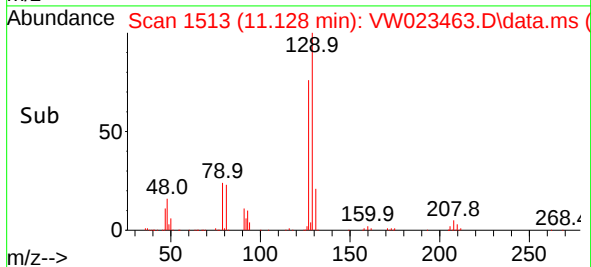
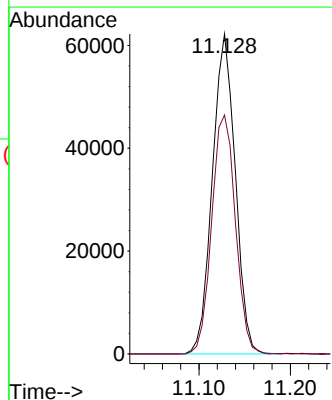
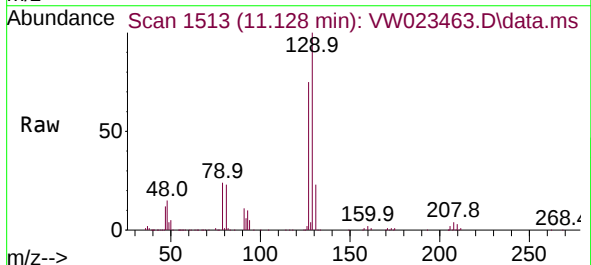
Instrument :
MSVOA_W
ClientSampleId :

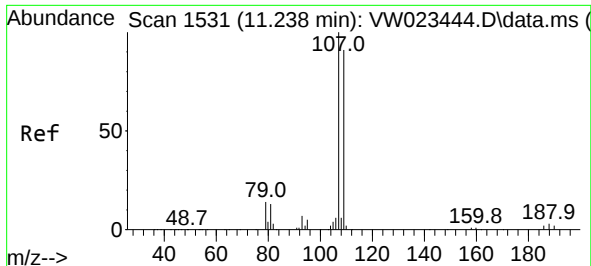
Tgt Ion: 43	Resp: 95021
Ion Ratio	Lower Upper
43 100	
58 52.4	45.9 68.9
57 18.6	16.2 24.2
100 13.3	10.7 16.1



#49
Dibromochloromethane
Concen: 24.276 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

Tgt Ion:129	Resp: 108233
Ion Ratio	Lower Upper
129 100	
127 74.6	53.8 100.0





#50

1,2-Dibromoethane

Concen: 24.105 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

Instrument :

MSVOA_W

ClientSampleId :

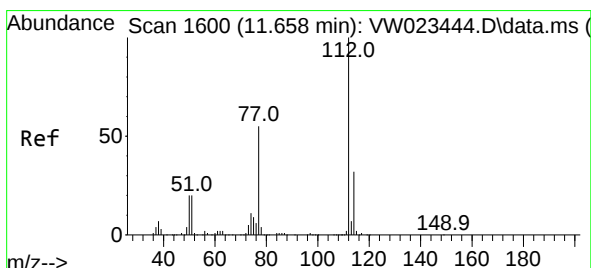
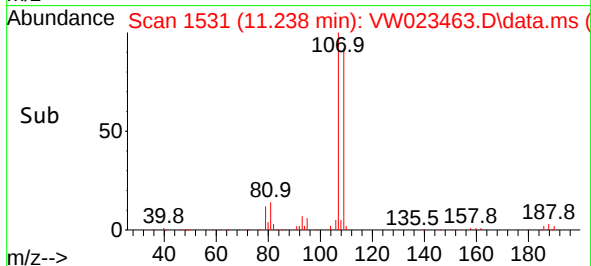
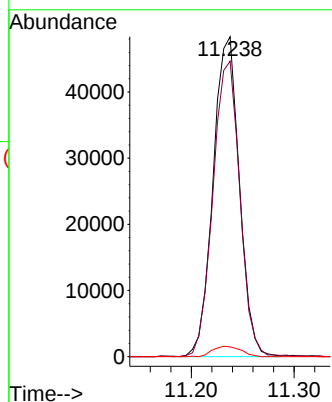
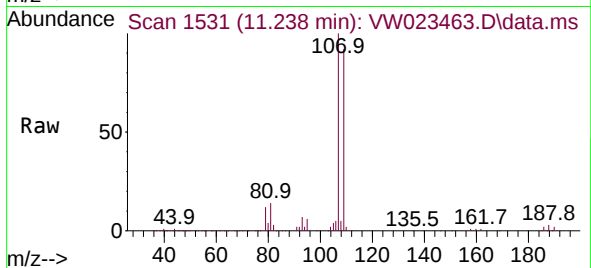
Tgt Ion:107 Resp: 85781

Ion Ratio Lower Upper

107 100

109 92.3 67.5 125.4

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 23.205 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

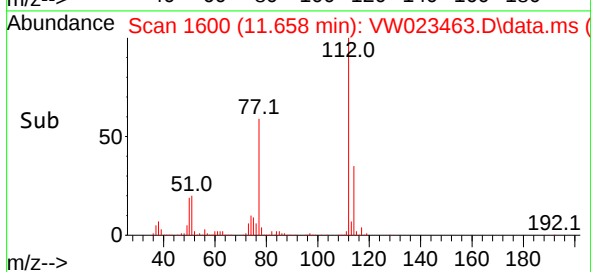
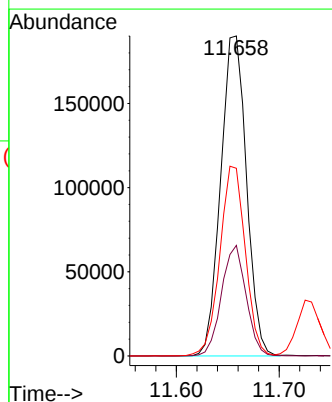
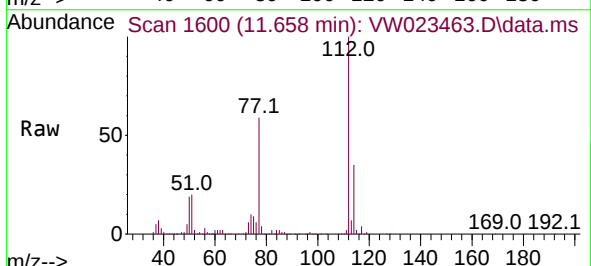
Tgt Ion:112 Resp: 331824

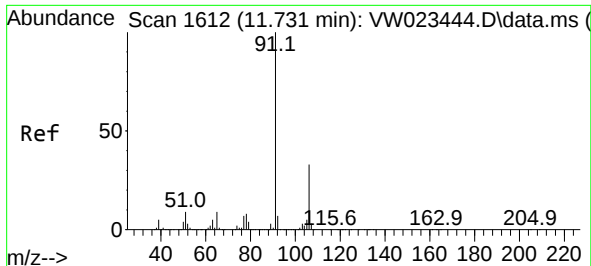
Ion Ratio Lower Upper

112 100

114 34.5 22.0 41.0

77 58.6 42.6 63.8

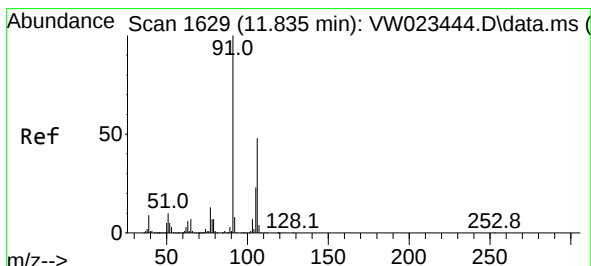
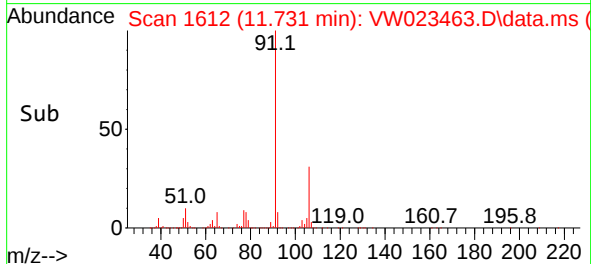
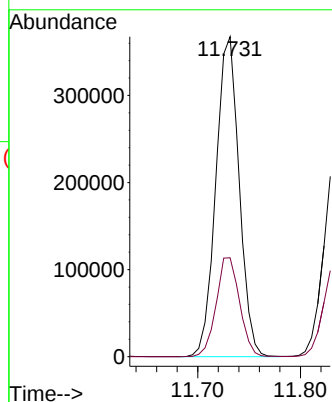
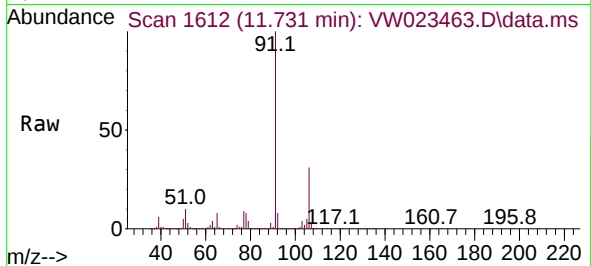




#52
Ethylbenzene
Concen: 23.986 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

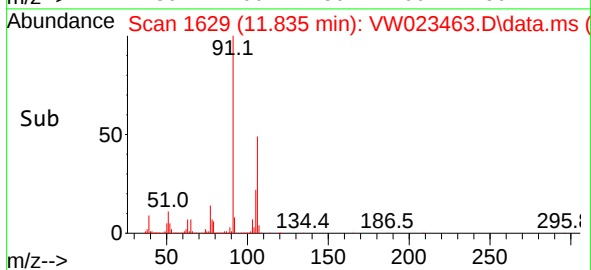
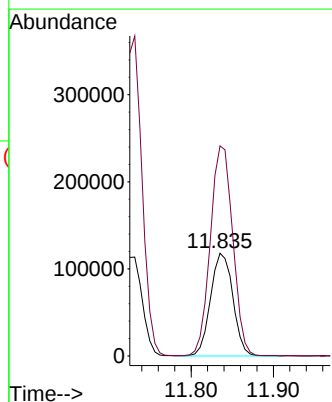
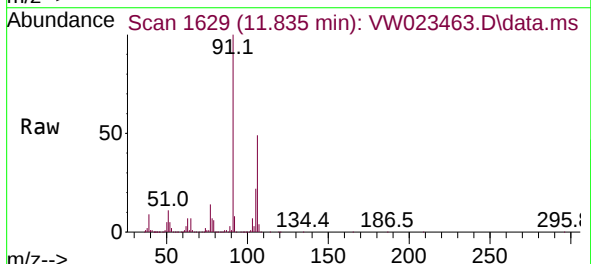
Instrument :
MSVOA_W
ClientSampleId :

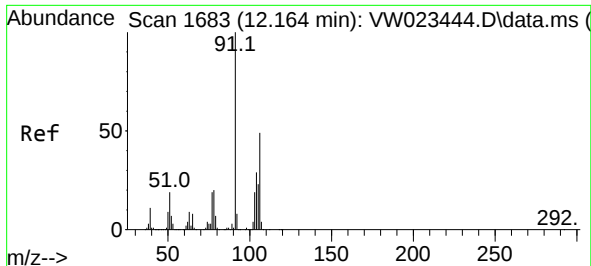
Tgt Ion: 91 Resp: 577620
Ion Ratio Lower Upper
91 100
106 30.9 22.3 41.3



#53
m,p-Xylene
Concen: 23.734 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

Tgt Ion:106 Resp: 222444
Ion Ratio Lower Upper
106 100
91 204.6 136.8 254.0

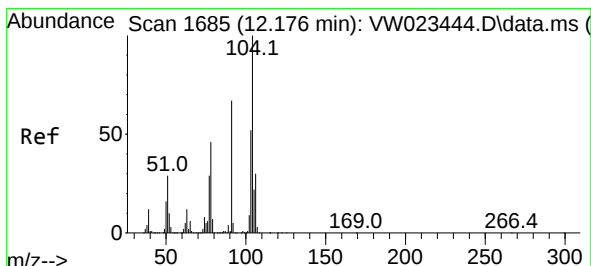
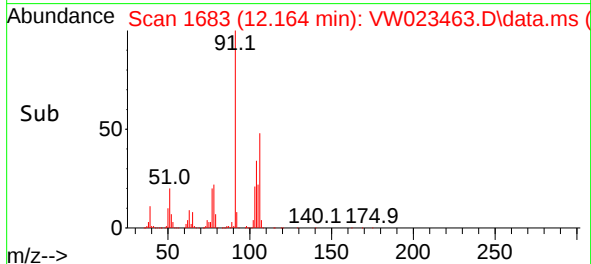
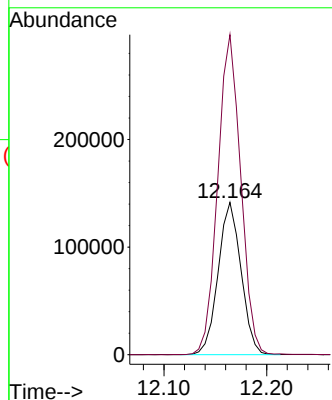
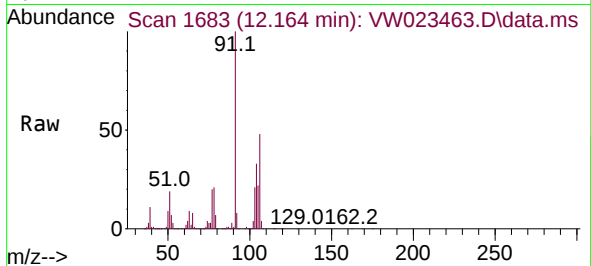




#54
o-Xylene
Concen: 24.427 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

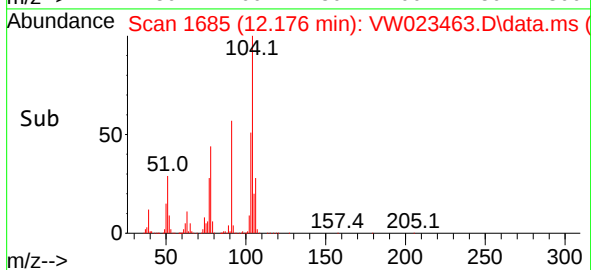
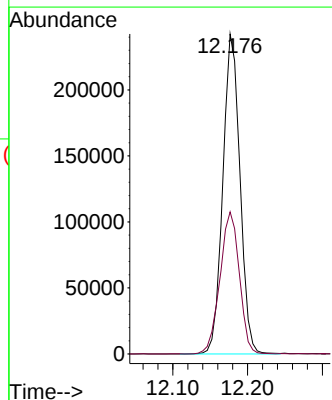
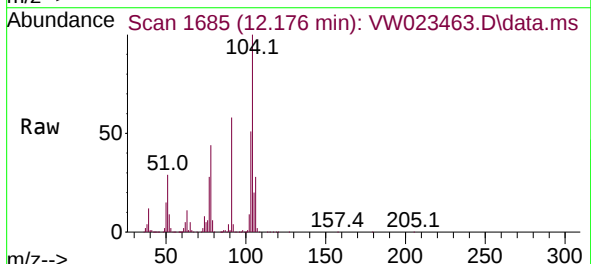
Instrument :
MSVOA_W
ClientSampleId :

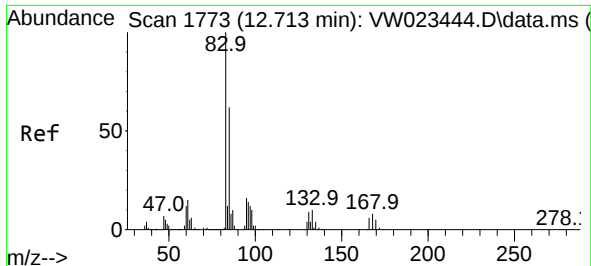
Tgt Ion:106 Resp: 218776
Ion Ratio Lower Upper
106 100
91 210.1 147.2 273.4



#55
Styrene
Concen: 24.808 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

Tgt Ion:104 Resp: 386334
Ion Ratio Lower Upper
104 100
78 44.4 32.3 59.9

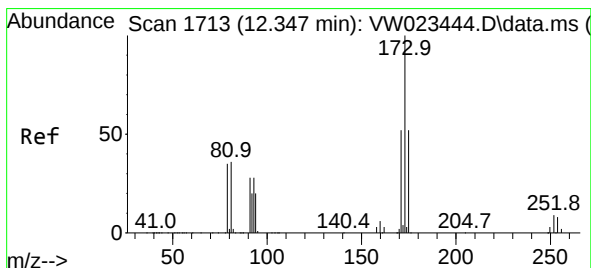
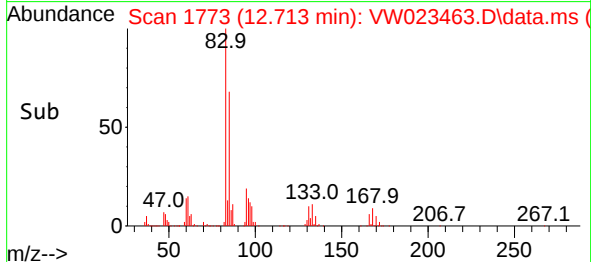
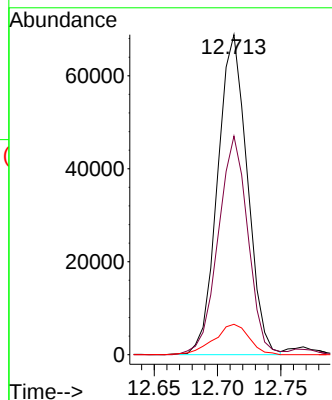
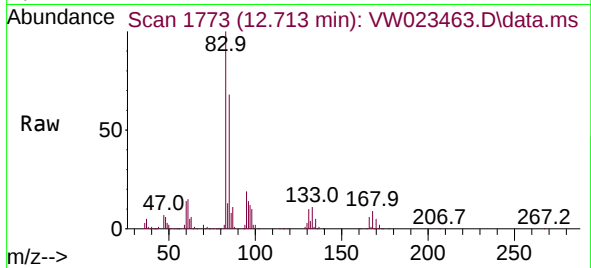




#57
1,1,2,2-Tetrachloroethane
Concen: 24.223 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

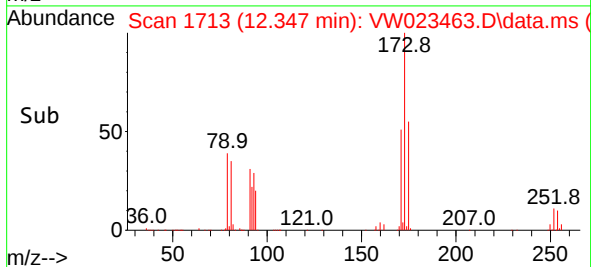
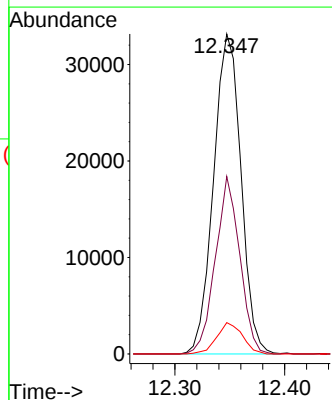
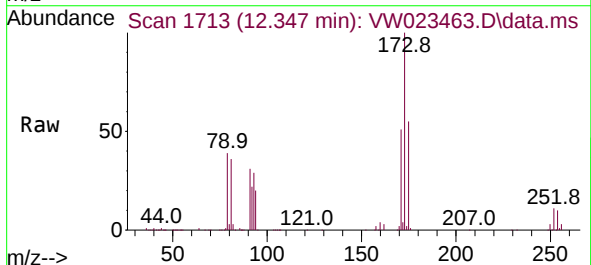
Instrument :
MSVOA_W
ClientSampleId :

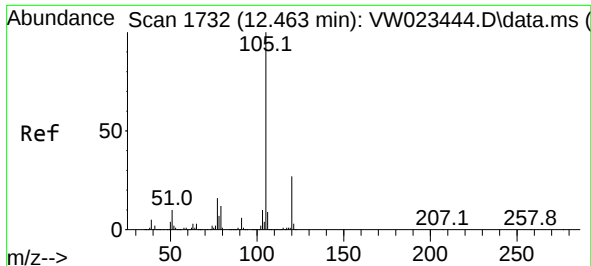
Tgt Ion: 83 Resp: 111987
Ion Ratio Lower Upper
83 100
85 68.3 47.5 88.1
131 9.5 8.7 13.1



#59
Bromoform
Concen: 22.717 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

Tgt Ion: 173 Resp: 57637
Ion Ratio Lower Upper
173 100
175 49.4 38.1 57.1
254 9.2 6.5 9.7

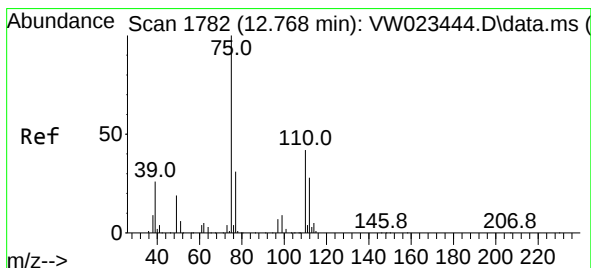
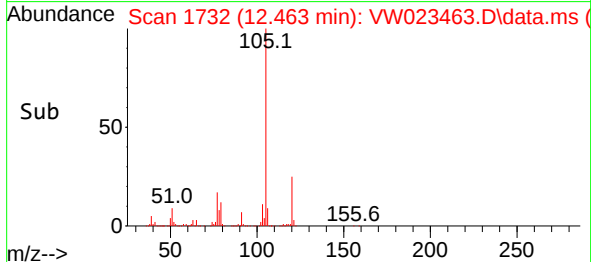
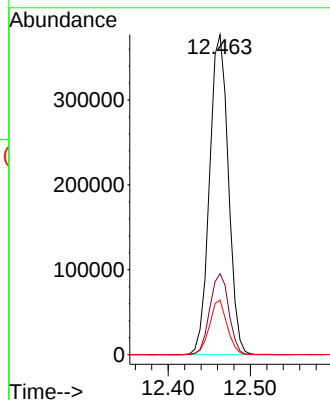
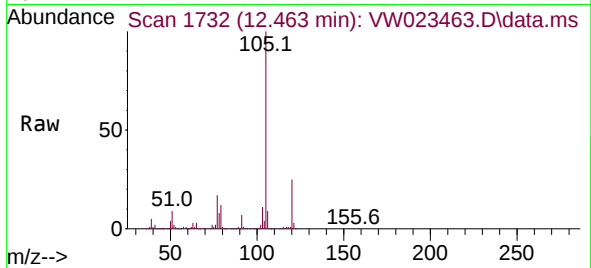




#60
Isopropylbenzene
Concen: 23.420 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

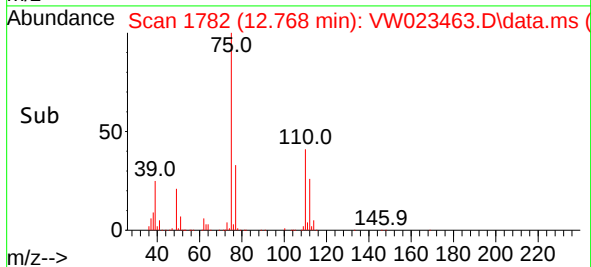
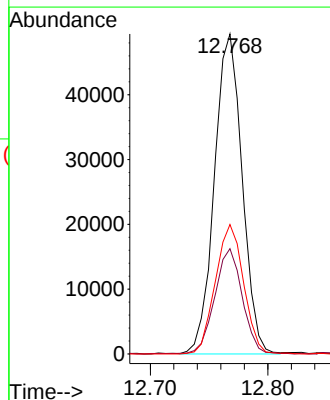
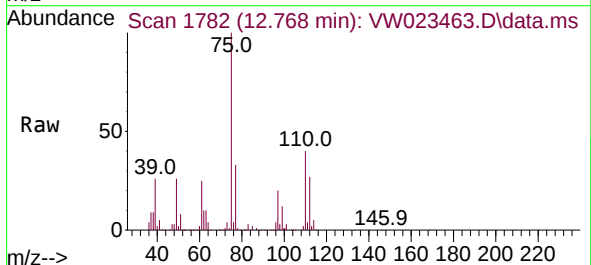
Instrument :
MSVOA_W
ClientSampleId :

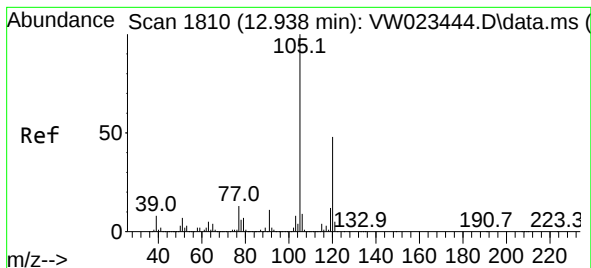
Tgt Ion:105 Resp: 598364
Ion Ratio Lower Upper
105 100
120 25.5 21.3 31.9
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 23.852 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023463.D
Acq: 10 Jun 2022 21:54

Tgt Ion: 75 Resp: 81008
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 41.0 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 23.862 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

Instrument :

MSVOA_W

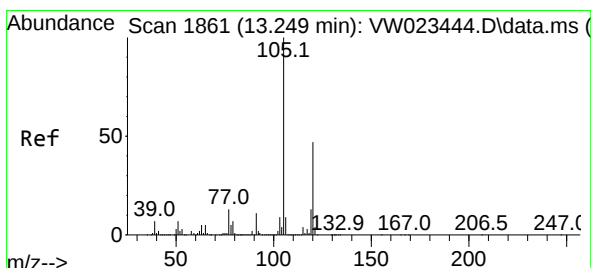
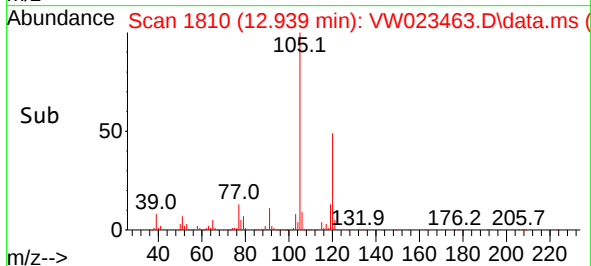
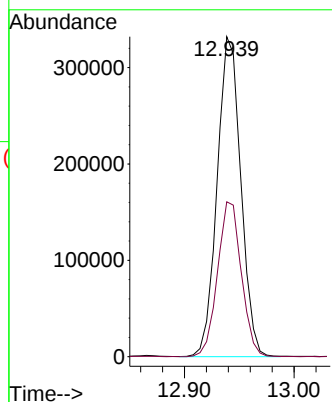
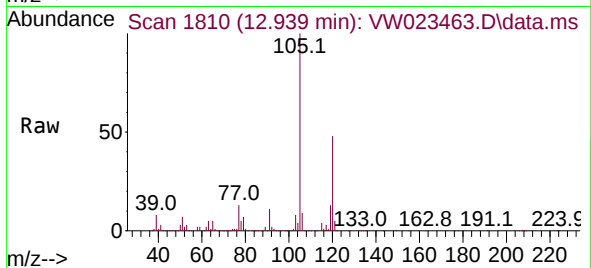
ClientSampleId :

Tgt Ion:105 Resp: 498626

Ion Ratio Lower Upper

105 100

120 48.6 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 23.337 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023463.D

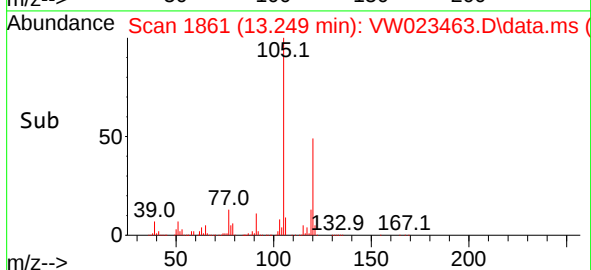
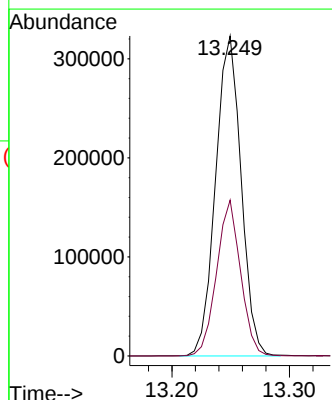
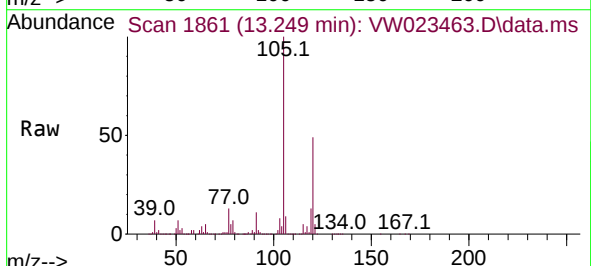
Acq: 10 Jun 2022 21:54

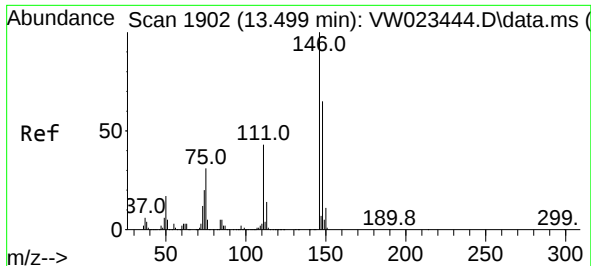
Tgt Ion:105 Resp: 488006

Ion Ratio Lower Upper

105 100

120 45.7 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 22.933 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

Instrument :

MSVOA_W

ClientSampleId :

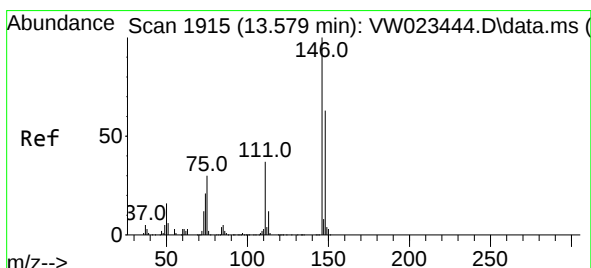
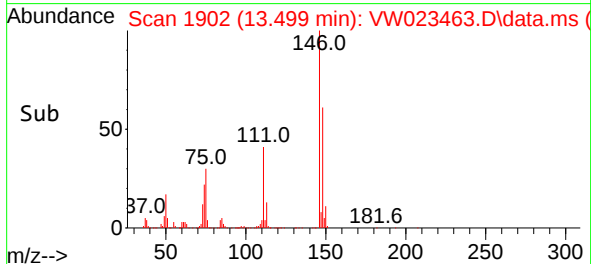
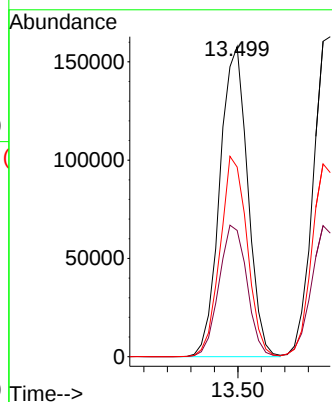
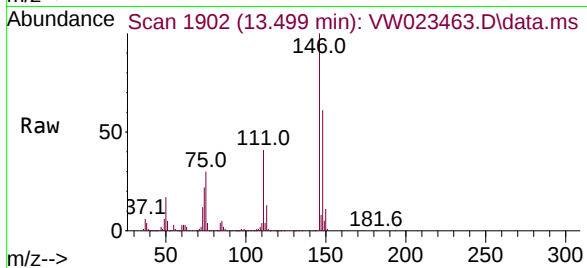
Tgt Ion:146 Resp: 259938

Ion Ratio Lower Upper

146 100

111 40.7 29.5 54.9

148 61.2 48.6 90.2



#65

1,4-Dichlorobenzene

Concen: 22.706 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

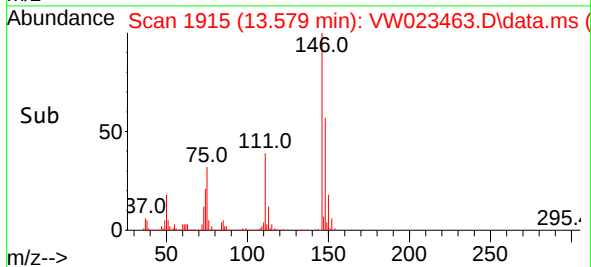
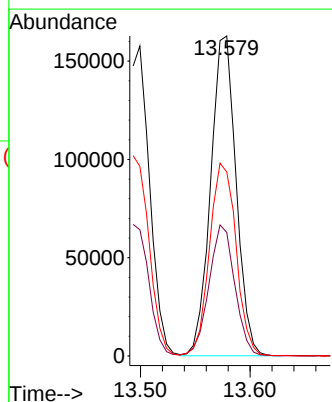
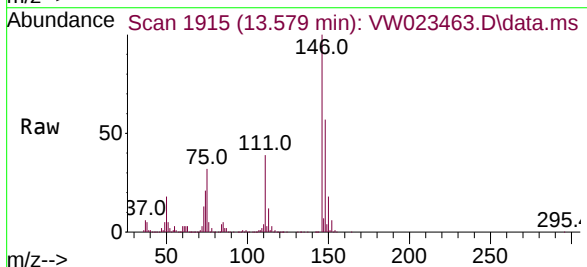
Tgt Ion:146 Resp: 262785

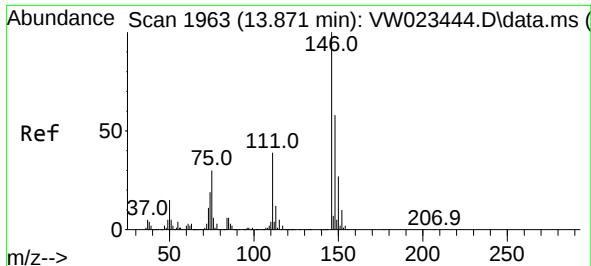
Ion Ratio Lower Upper

146 100

111 38.6 27.2 50.4

148 57.5 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 23.711 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

Instrument :

MSVOA_W

ClientSampleId :

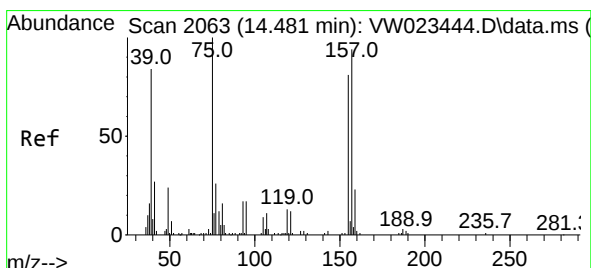
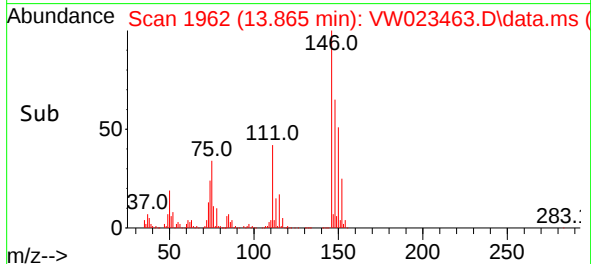
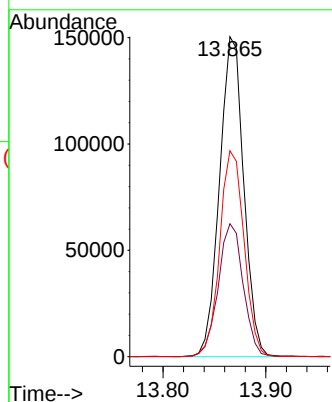
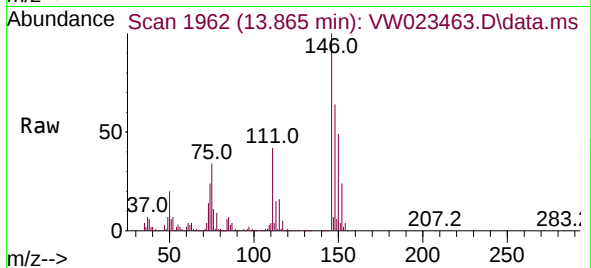
Tgt Ion:146 Resp: 246161

Ion Ratio Lower Upper

146 100

111 41.5 35.7 53.5

148 64.4 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.194 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

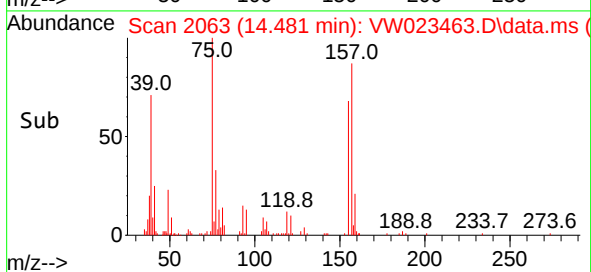
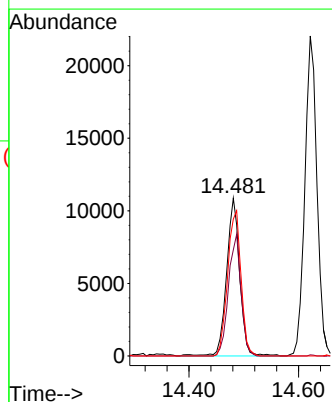
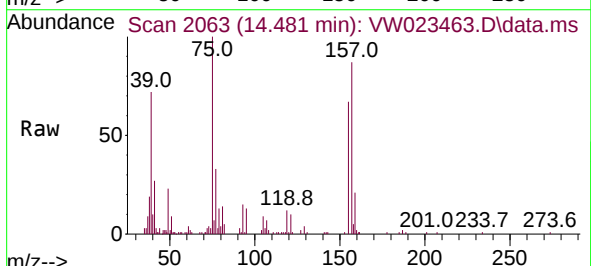
Tgt Ion: 75 Resp: 18144

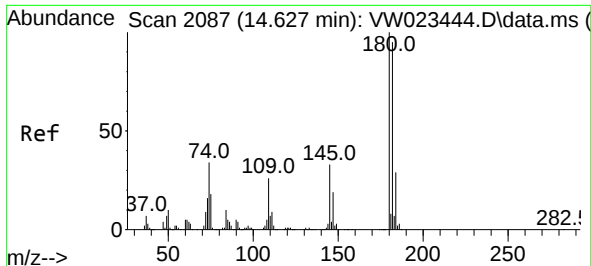
Ion Ratio Lower Upper

75 100

155 67.2 59.3 88.9

157 86.7 89.8 134.8#





#69

1,3,5-Trichlorobenzene

Concen: 22.026 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

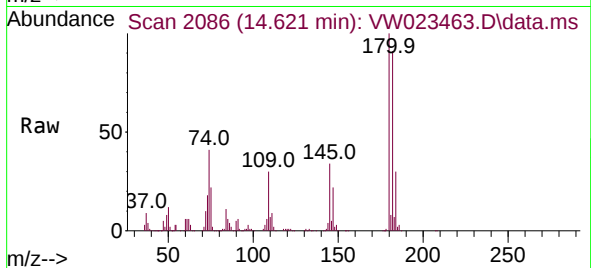
Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 163127

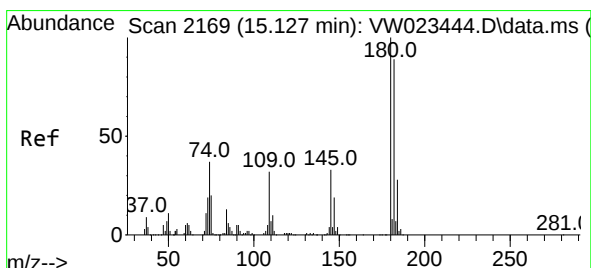
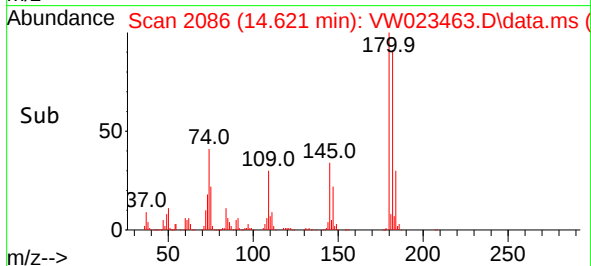
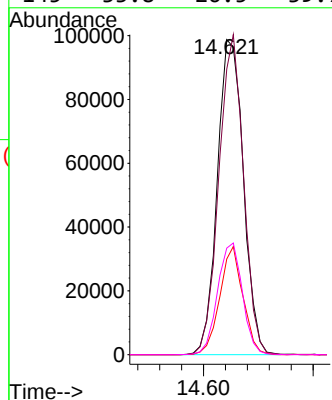
Ion Ratio Lower Upper

180 100

182 95.9 74.8 112.2

184 30.5 23.4 35.2

145 33.8 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 23.128 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

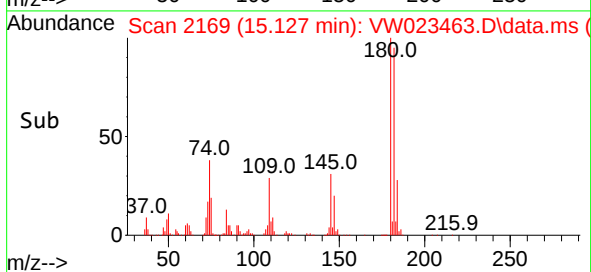
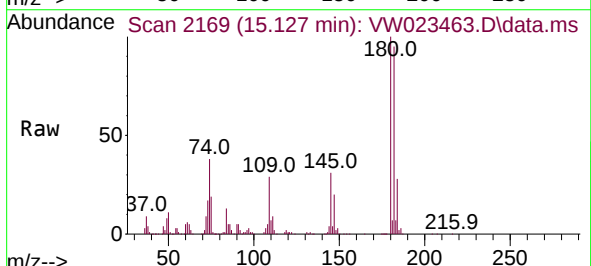
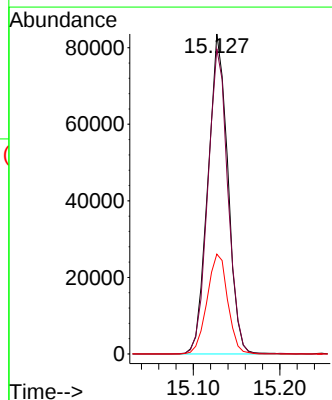
Tgt Ion:180 Resp: 133378

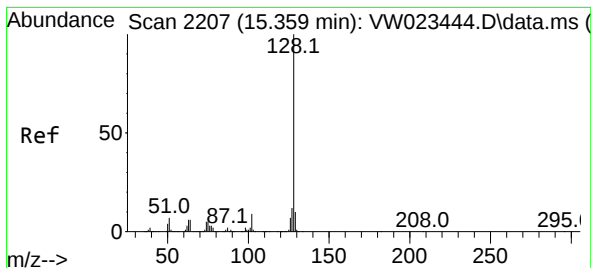
Ion Ratio Lower Upper

180 100

182 95.8 74.9 112.3

145 32.3 26.6 39.8





#71

Naphthalene

Concen: 24.527 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

Instrument :

MSVOA_W

ClientSampleId :

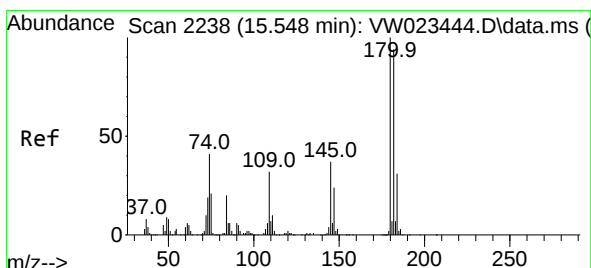
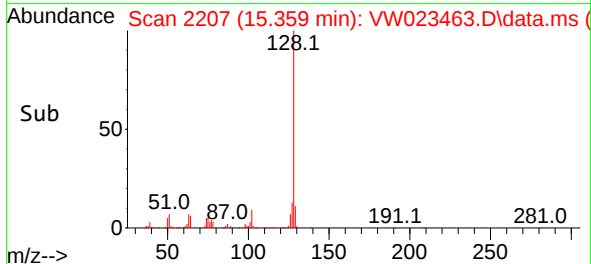
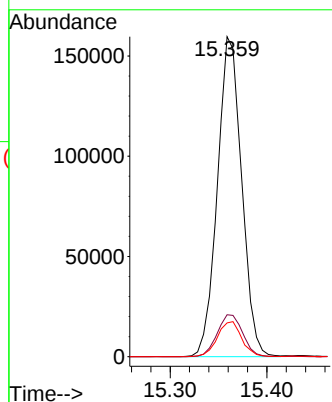
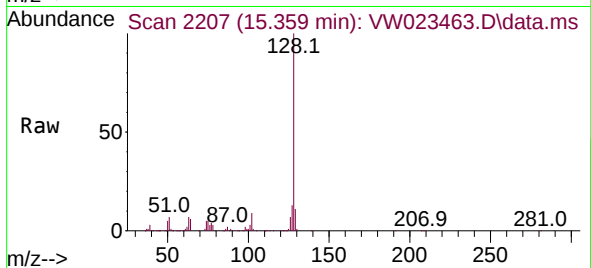
Tgt Ion:128 Resp: 278258

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 23.426 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW023463.D

Acq: 10 Jun 2022 21:54

Tgt Ion:180 Resp: 117447

Ion Ratio Lower Upper

180 100

182 95.7 73.5 110.3

145 35.4 27.9 41.9

