

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023180.D
 Acq On : 19 May 2022 18:09
 Operator : SY/VA
 Sample : N2926-03MSD
 Misc : 4.84g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXY11MSD

Quant Time: May 20 01:52:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	391077	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	367931	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	181062	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	151350	18.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.440%
7) Chloroethane-d5	2.885	69	112659	21.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.320%
11) 1,1-Dichloroethene-d2	4.025	63	194623	18.773	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.080%
21) 2-Butanone-d5	7.074	46	75724	49.638	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.280%
24) Chloroform-d	7.653	84	278987	24.349	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	8.305	65	149558	23.800	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	8.275	84	521072	24.570	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.280%
36) 1,2-Dichloropropane-d6	9.274	67	157771	26.484	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.920%
41) Toluene-d8	10.323	98	499433	24.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.520%
43) trans-1,3-Dichloroprop...	10.579	79	63840	23.274	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.080%
47) 2-Hexanone-d5	10.920	63	62653	55.093	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	145708	26.242	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	160730	25.395	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	36577	17.157	ug/L	89
3) Chloromethane	2.215	50	77879	18.904	ug/L	98
5) Vinyl chloride	2.361	62	138188	16.714	ug/L	100
6) Bromomethane	2.776	94	82700	15.579	ug/L	97
8) Chloroethane	2.922	64	74605	18.709	ug/L	100
9) Trichlorofluoromethane	3.263	101	65071	17.220	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	107711	19.063	ug/L	96
12) 1,1-Dichloroethene	4.044	96	89849	17.938	ug/L	93
13) Acetone	4.123	43	52045	45.568	ug/L	95
14) Carbon disulfide	4.385	76	167841	12.223	ug/L	98
15) Methyl Acetate	4.672	43	44519	19.402	ug/L	95
16) Methylene chloride	4.915	84	110028	19.227	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	97529	17.303	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	190833	22.178	ug/L	99
19) 1,1-Dichloroethane	6.214	63	199726	20.907	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	122932	20.305	ug/L	94
22) 2-Butanone	7.171	43	67519	42.271	ug/L	98
23) Bromochloromethane	7.512	128	57410	20.248	ug/L	91
25) Chloroform	7.677	83	229872	21.761	ug/L	98

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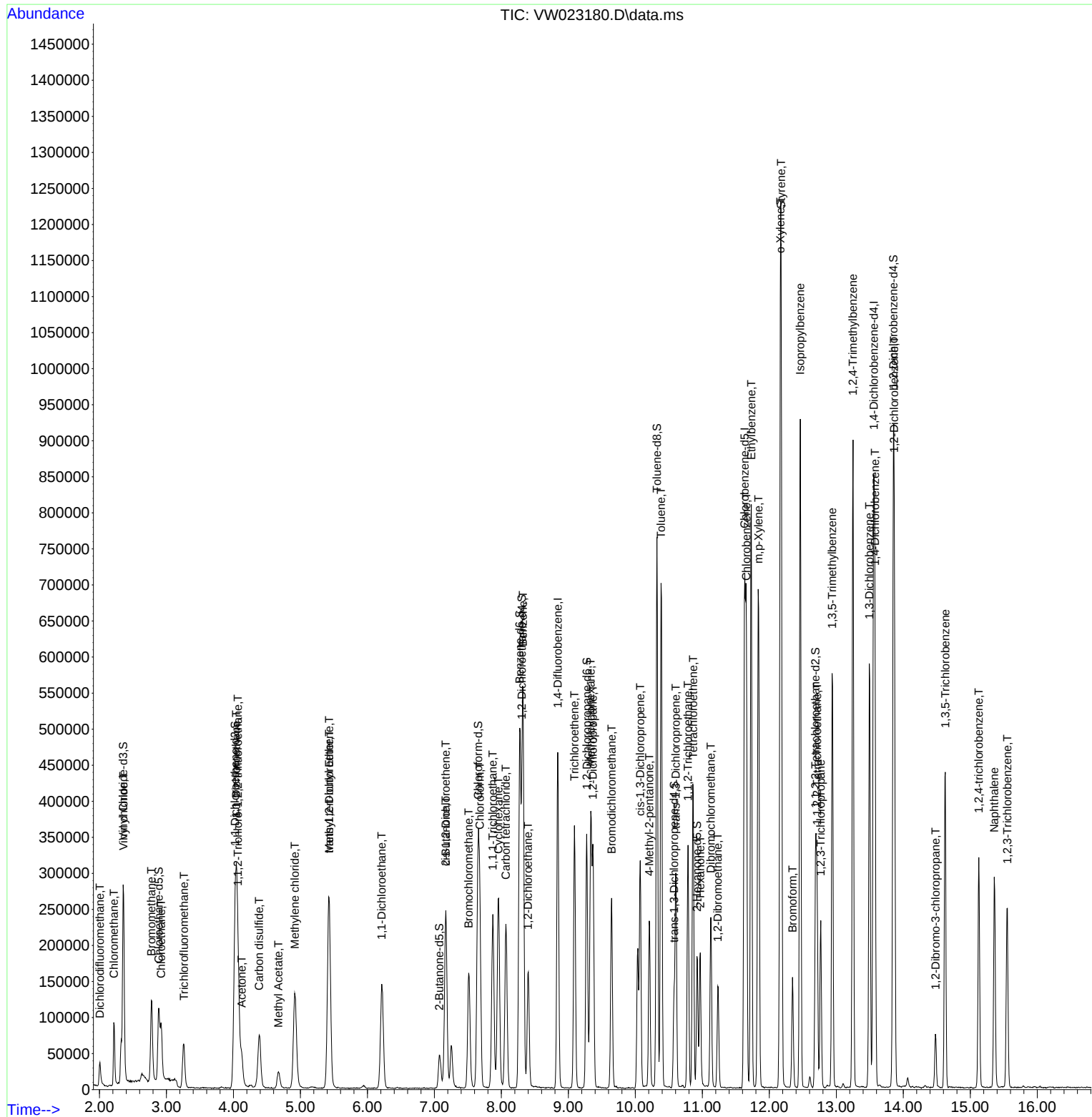
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	140969	20.020	ug/L	99
29) Cyclohexane	7.958	56	138717	17.433	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	185347	21.317	ug/L	99
31) Carbon tetrachloride	8.067	117	167907	20.644	ug/L	100
33) Benzene	8.323	78	460834	21.261	ug/L	100
34) Trichloroethene	9.091	95	120431	20.204	ug/L	97
35) Methylcyclohexane	9.335	83	156509	15.983	ug/L	97
37) 1,2-Dichloropropane	9.366	63	116996	22.305	ug/L	99
38) Bromodichloromethane	9.646	83	165165	22.169	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	180660	22.213	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	145864	44.120	ug/L	98
42) Toluene	10.384	91	516627	21.268	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	155948	21.482	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	101274	23.096	ug/L	97
46) Tetrachloroethene	10.866	164	86404	19.288	ug/L	93
48) 2-Hexanone	10.969	43	112268	50.823	ug/L	99
49) Dibromochloromethane	11.128	129	116384	22.053	ug/L	94
50) 1,2-Dibromoethane	11.231	107	90486	20.551	ug/L	98
51) Chlorobenzene	11.658	112	346272	21.623	ug/L	99
52) Ethylbenzene	11.731	91	573262	21.213	ug/L	98
53) m,p-Xylene	11.841	106	225096	21.139	ug/L	100
54) o-Xylene	12.164	106	220530	21.582	ug/L	100
55) Styrene	12.176	104	382959	22.056	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	123146	22.485	ug/L	97
59) Bromoform	12.347	173	63893	24.900	ug/L #	98
60) Isopropylbenzene	12.463	105	594529	23.968	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	86413	23.886	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	310350	22.489	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	476104	22.977	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	236204	21.329	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	241658	21.126	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	230555	22.750	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	17585	22.241	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	131702	17.916	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	92876	15.706	ug/L	99
71) Naphthalene	15.359	128	248704	19.350	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	77121	14.715	ug/L	92

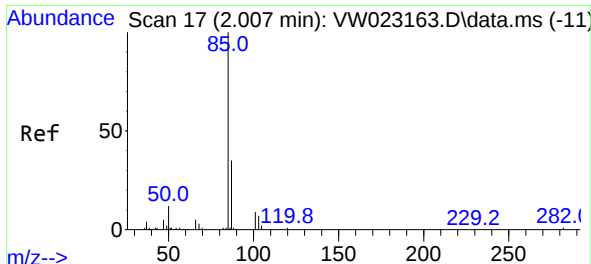
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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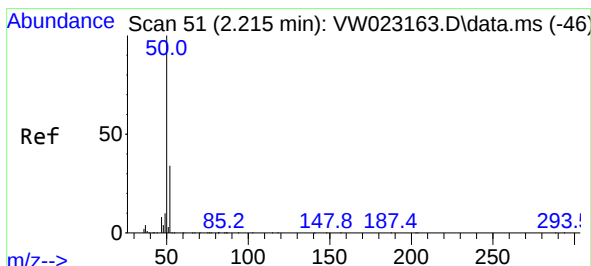
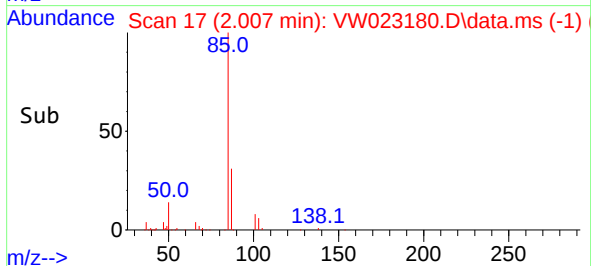
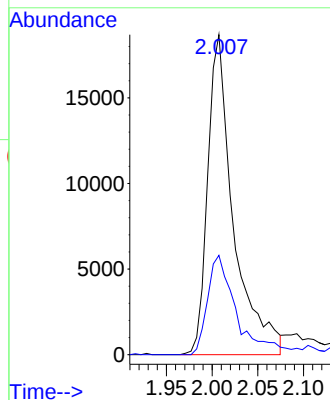
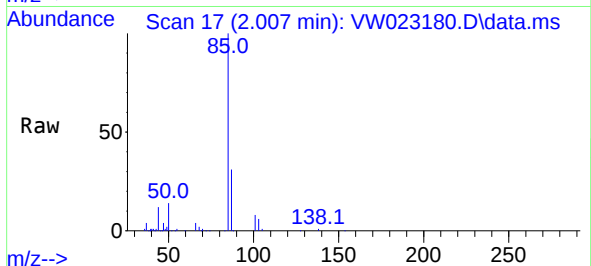




#2
Dichlorodifluoromethane
Concen: 17.157 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

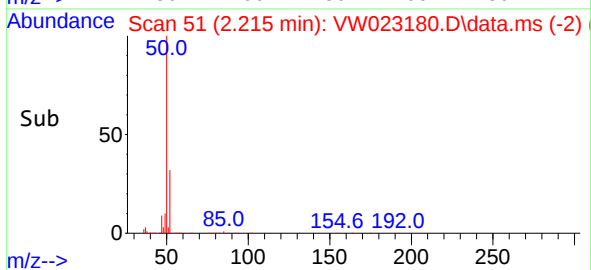
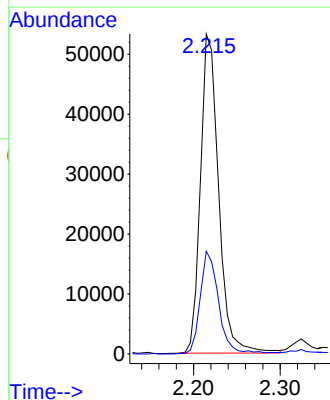
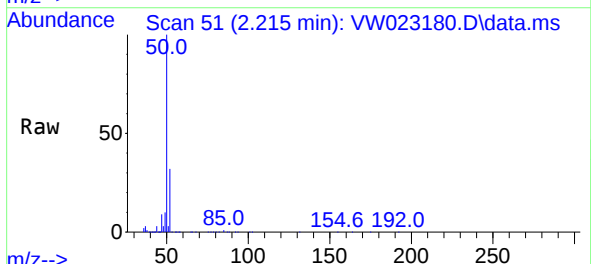
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

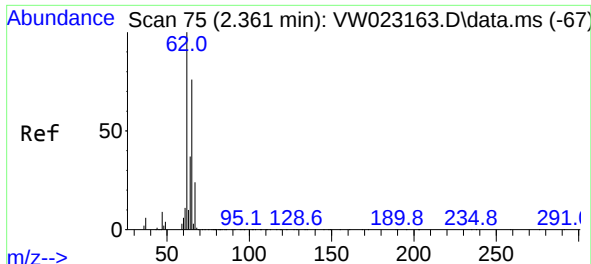
Tgt Ion: 85 Resp: 36577
Ion Ratio Lower Upper
85 100
87 28.5 27.8 41.8



#3
Chloromethane
Concen: 18.904 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Tgt Ion: 50 Resp: 77879
Ion Ratio Lower Upper
50 100
52 32.1 23.1 42.9

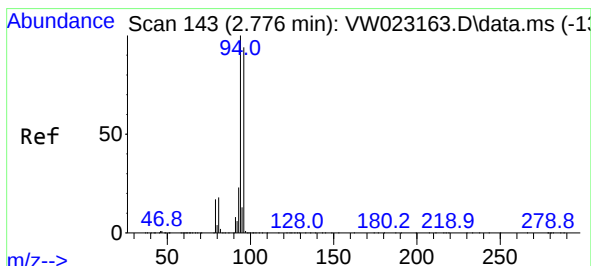
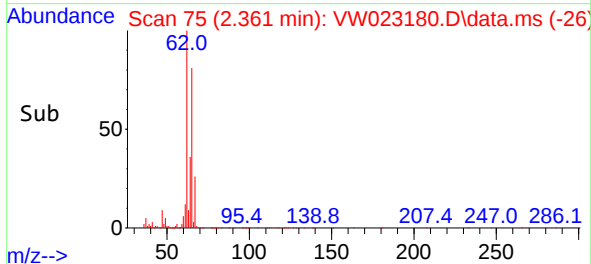
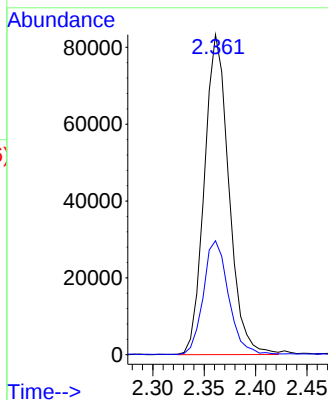
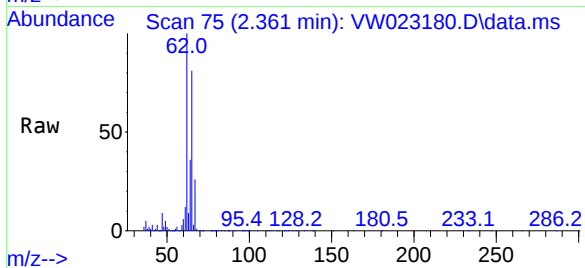




#5
 Vinyl chloride
 Concen: 16.714 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023180.D
 Acq: 19 May 2022 18:09

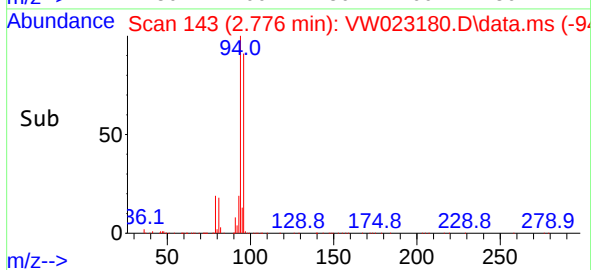
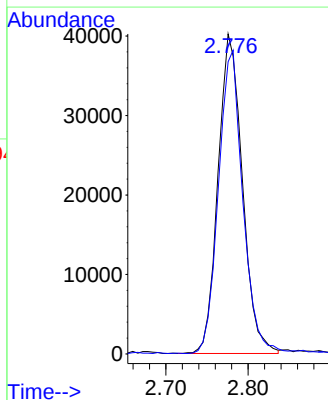
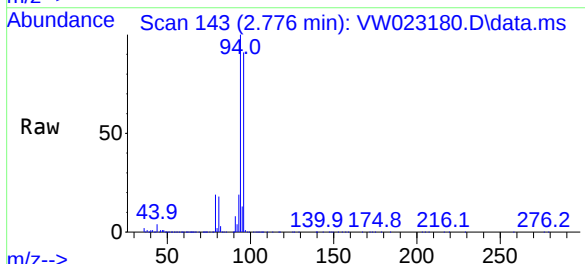
Instrument :
 MSVOA_W
 ClientSampleId :
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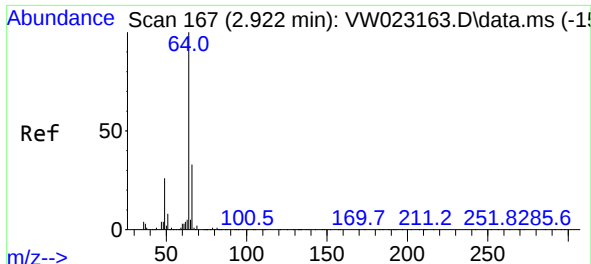
Tgt Ion: 62 Resp: 138188
 Ion Ratio Lower Upper
 62 100
 64 35.6 24.9 46.3



#6
 Bromomethane
 Concen: 15.579 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW023180.D
 Acq: 19 May 2022 18:09

Tgt Ion: 94 Resp: 82700
 Ion Ratio Lower Upper
 94 100
 96 91.3 61.7 114.5

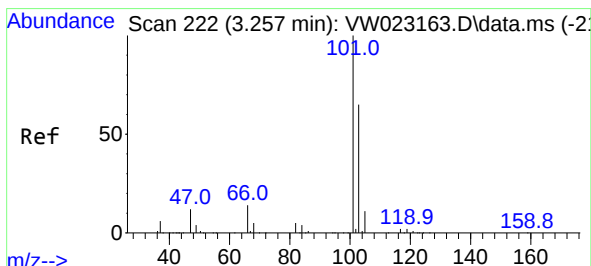
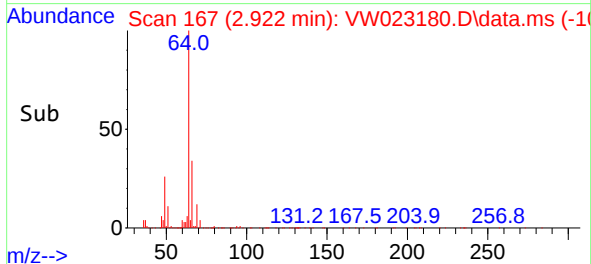
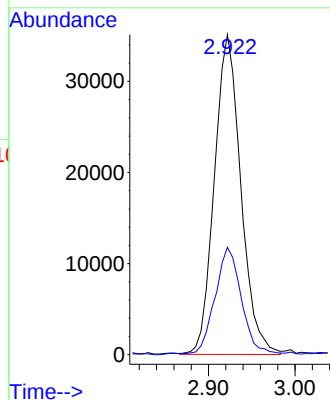
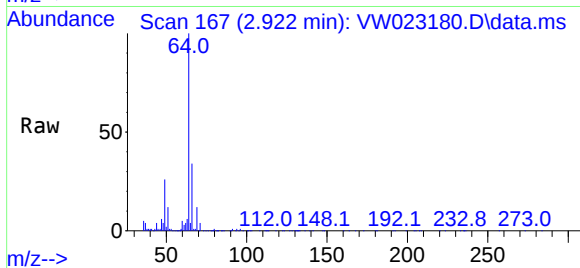




#8
Chloroethane
Concen: 18.709 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

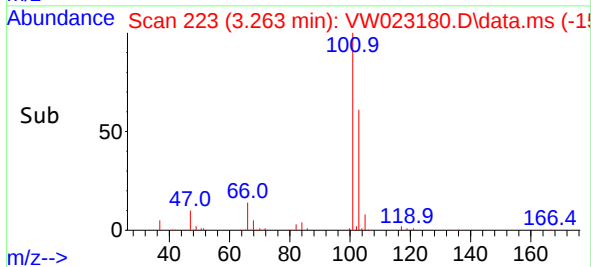
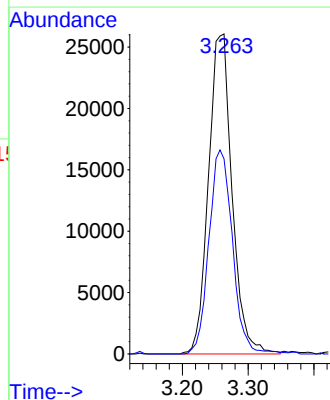
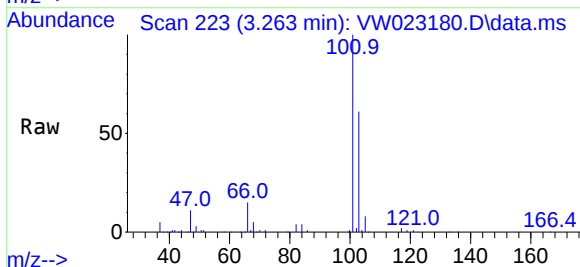
Instrument :
MSVOA_W
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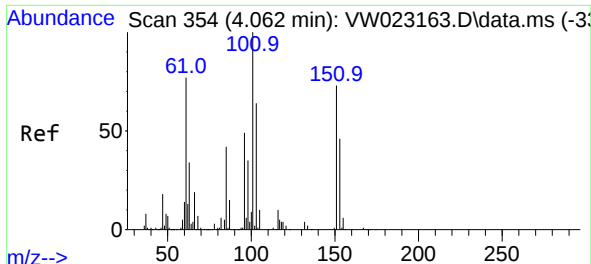
Tgt Ion: 64 Resp: 74605
Ion Ratio Lower Upper
64 100
66 33.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 17.220 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Tgt Ion:101 Resp: 65071
Ion Ratio Lower Upper
101 100
103 63.3 53.9 80.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 19.063 ug/L

RT: 4.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VW023180.D

Acq: 19 May 2022 18:09

Instrument :

MSVOA_W

ClientSampleId :

EXY11MSD

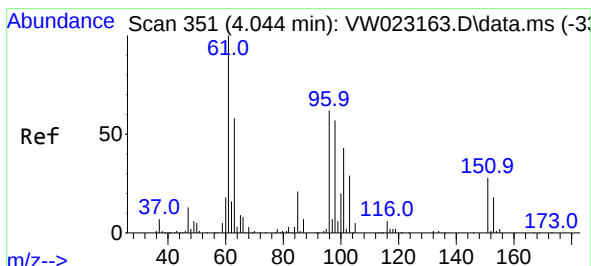
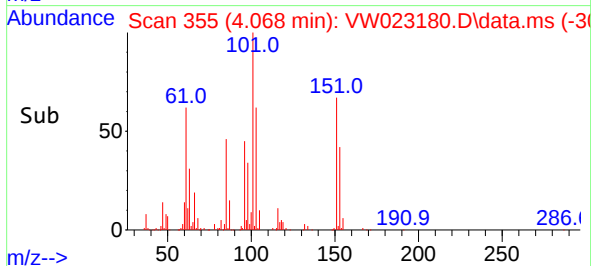
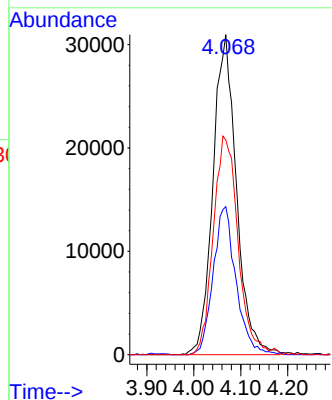
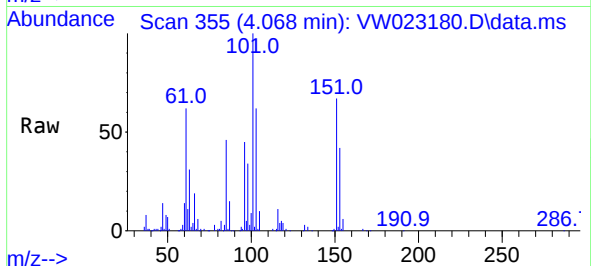
Tgt Ion:101 Resp: 107711

Ion Ratio Lower Upper

101 100

85 44.9 34.3 51.5

151 71.4 54.2 81.2



#12

1,1-Dichloroethene

Concen: 17.938 ug/L

RT: 4.044 min Scan# 351

Delta R.T. -0.000 min

Lab File: VW023180.D

Acq: 19 May 2022 18:09

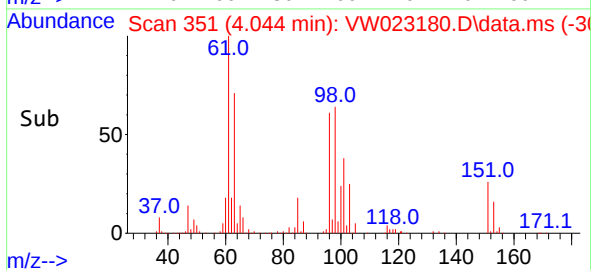
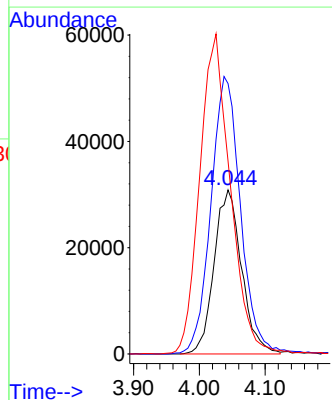
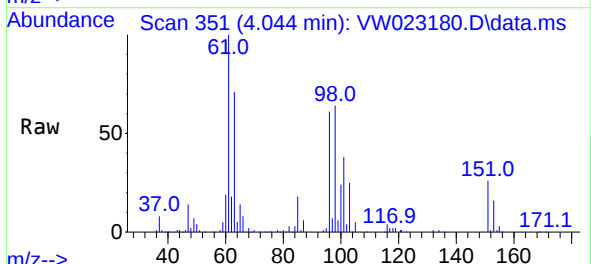
Tgt Ion: 96 Resp: 89849

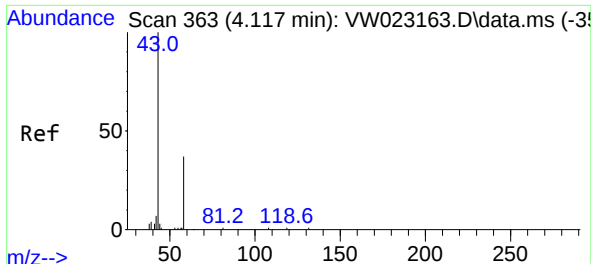
Ion Ratio Lower Upper

96 100

61 164.8 125.7 233.5

63 117.6 83.4 155.0

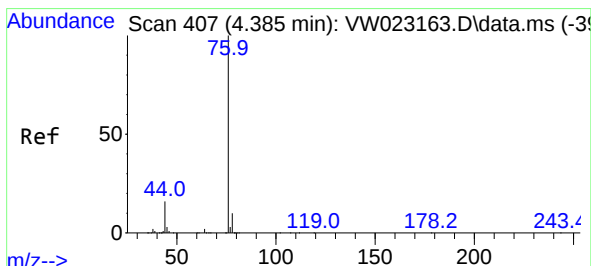
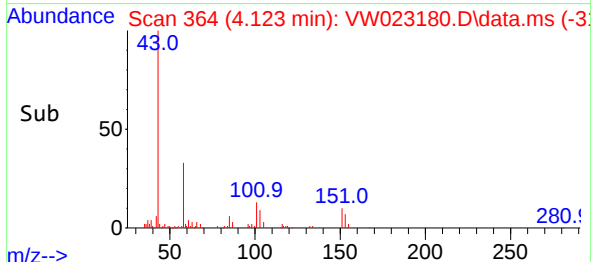
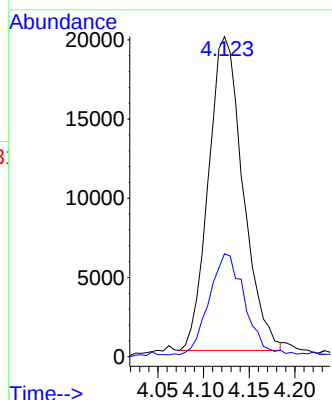
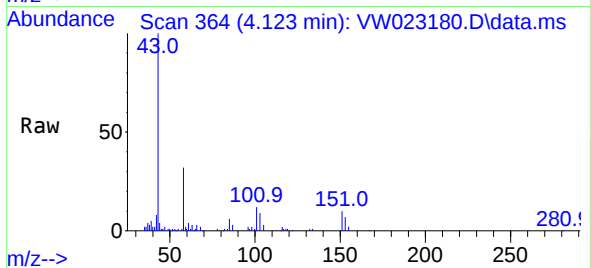




#13
Acetone
Concen: 45.568 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
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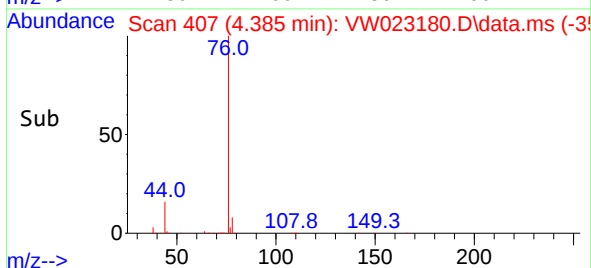
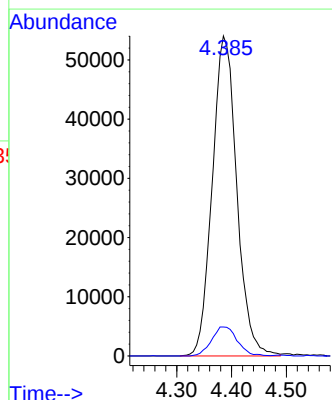
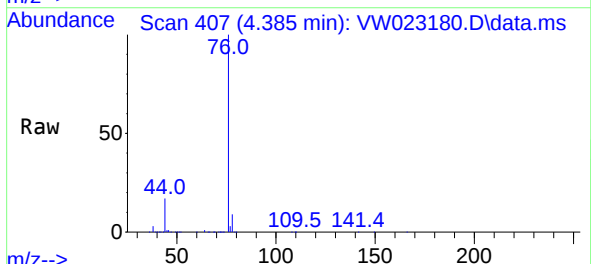
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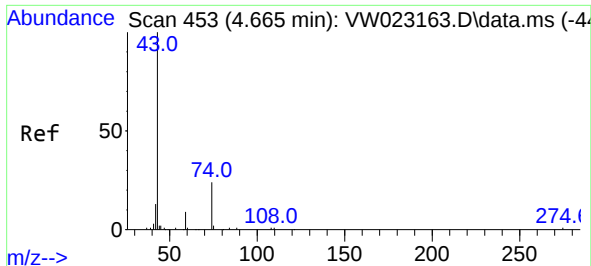
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Ion Ratio Lower Upper
43 100
58 34.7 0.0 64.0



#14
Carbon disulfide
Concen: 12.223 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 167841
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5

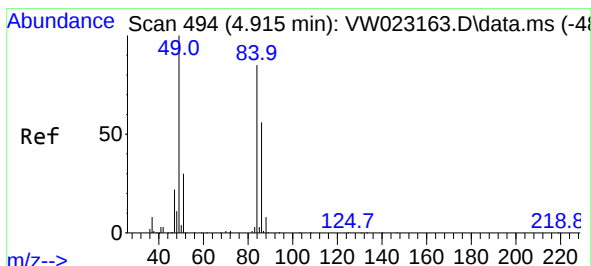
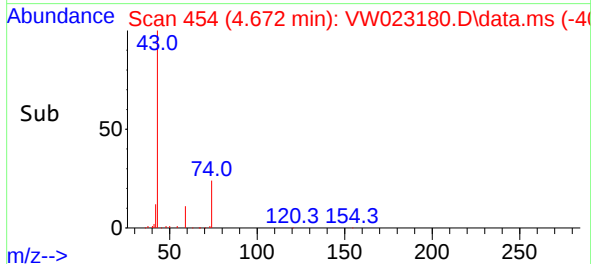
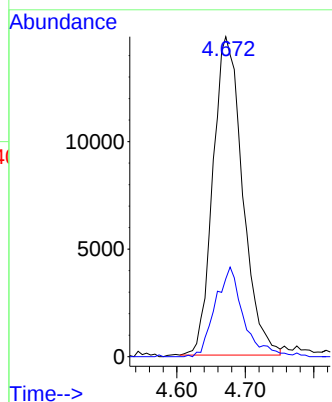
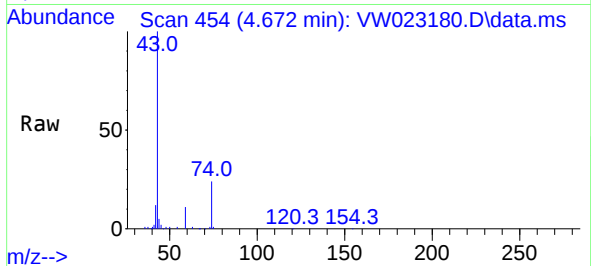




#15
Methyl Acetate
Concen: 19.402 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

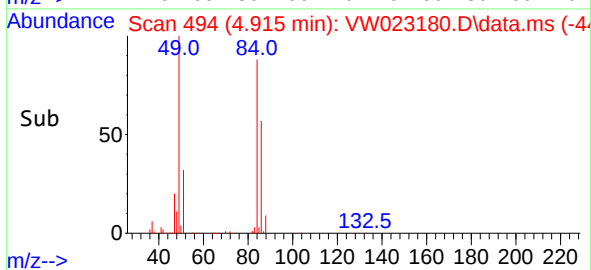
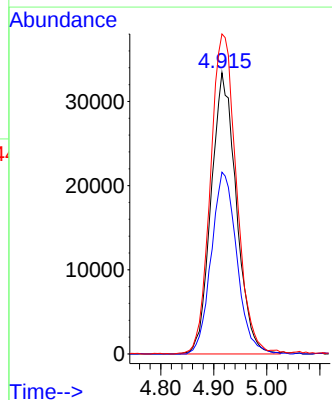
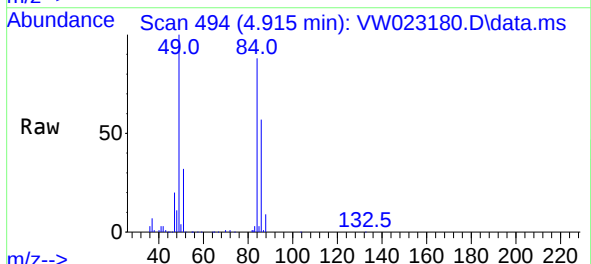
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

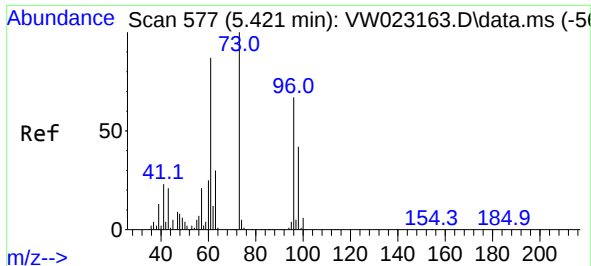
Tgt Ion: 43 Resp: 44519
Ion Ratio Lower Upper
43 100
74 25.0 21.9 32.9



#16
Methylene chloride
Concen: 19.227 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Tgt Ion: 84 Resp: 110028
Ion Ratio Lower Upper
84 100
86 64.6 45.4 84.4
49 113.8 82.5 153.1

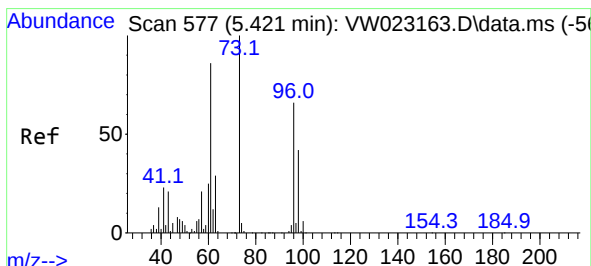
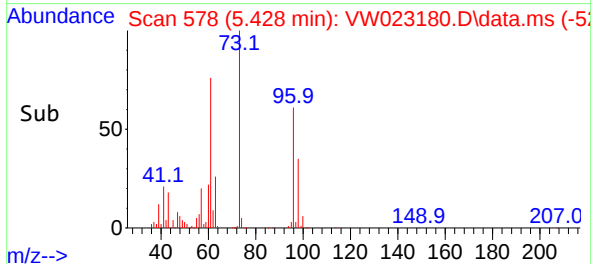
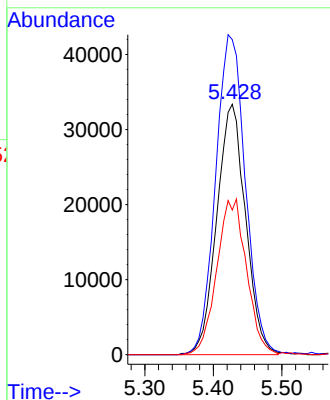
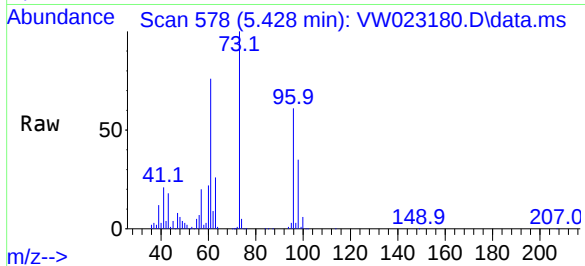




#17
trans-1,2-Dichloroethene
Concen: 17.303 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

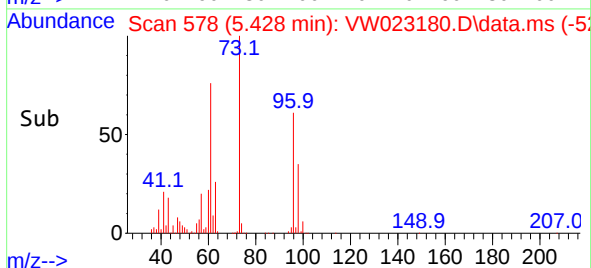
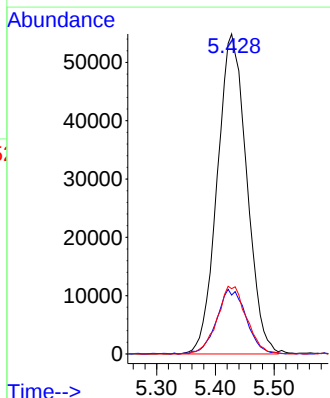
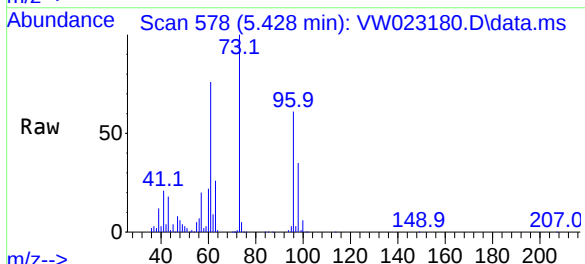
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

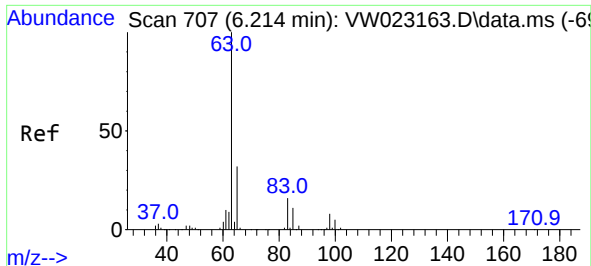
Tgt Ion: 96 Resp: 97529
Ion Ratio Lower Upper
96 100
61 125.8 92.2 171.2
98 57.8 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 22.178 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Tgt Ion: 73 Resp: 190833
Ion Ratio Lower Upper
73 100
43 20.3 15.9 23.9
57 21.1 16.5 24.7





#19

1,1-Dichloroethane

Concen: 20.907 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023180.D

Acq: 19 May 2022 18:09

Instrument :

MSVOA_W

ClientSampleId :

EXY11MSD

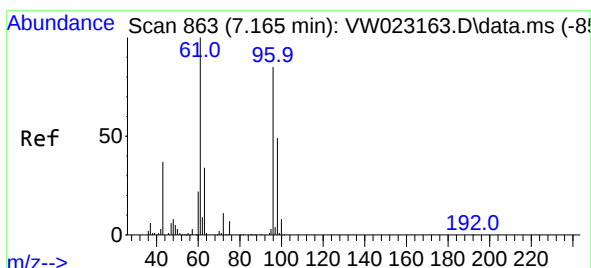
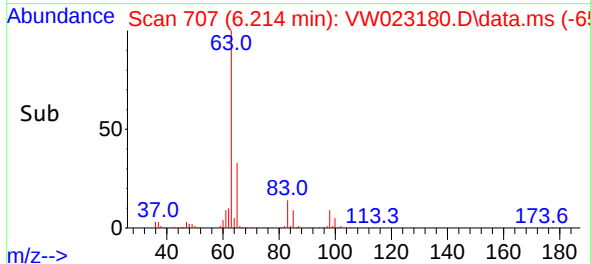
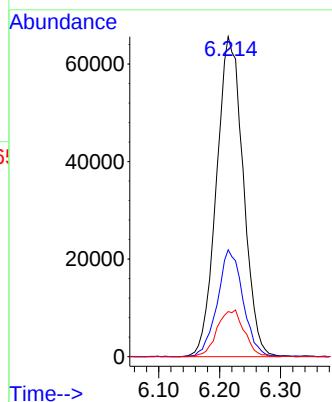
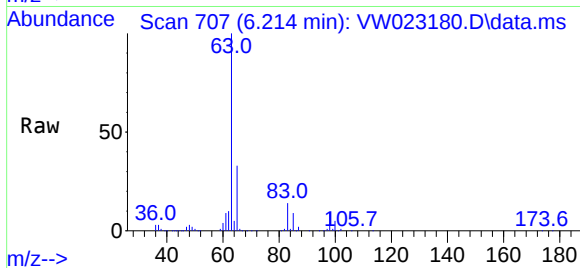
Tgt Ion: 63 Resp: 199726

Ion Ratio Lower Upper

63 100

65 33.4 23.3 43.3

83 14.1 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 20.305 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW023180.D

Acq: 19 May 2022 18:09

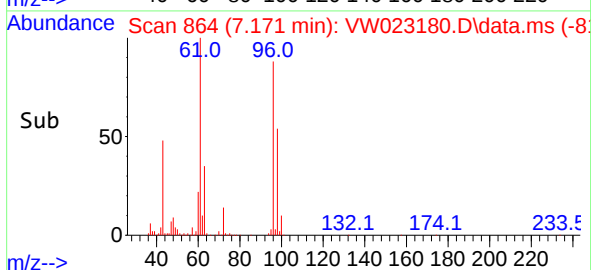
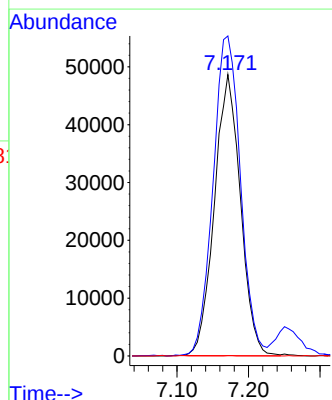
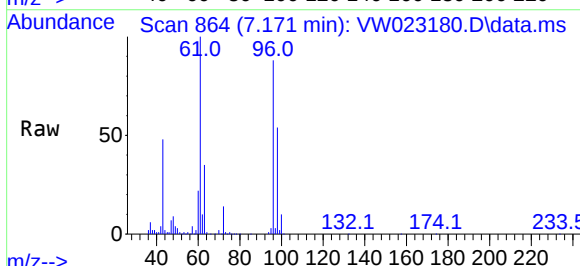
Tgt Ion: 96 Resp: 122932

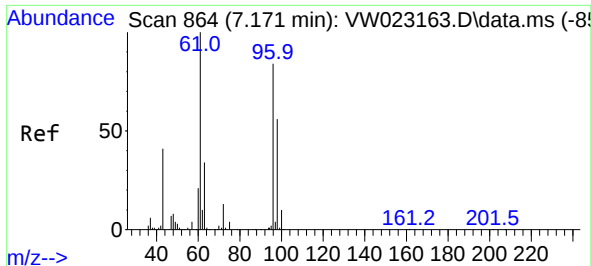
Ion Ratio Lower Upper

96 100

61 113.7 84.2 156.4

68 0.1 0.1 0.1

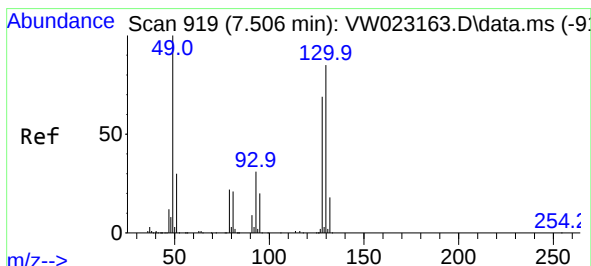
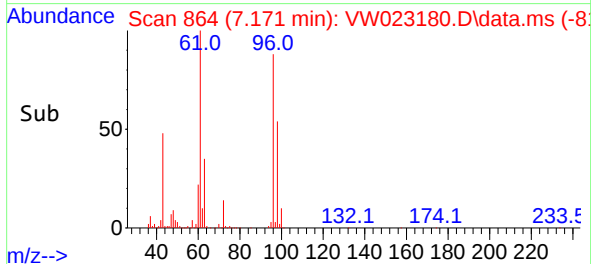
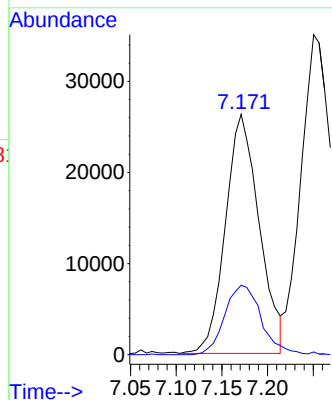
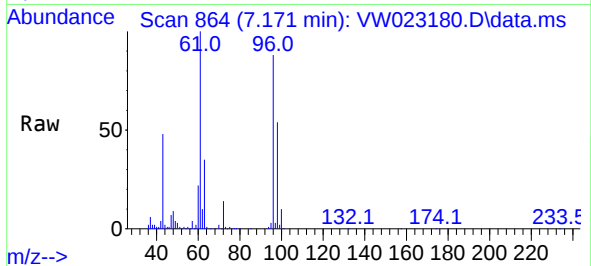




#22
2-Butanone
Concen: 42.271 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

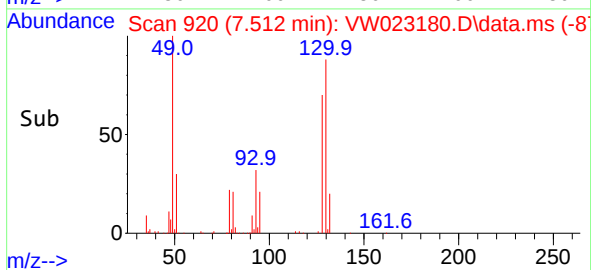
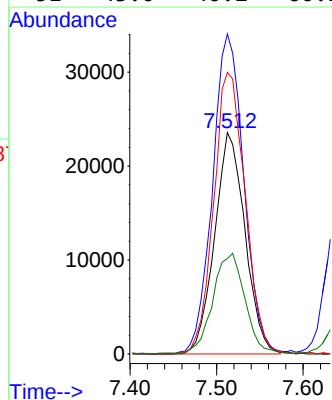
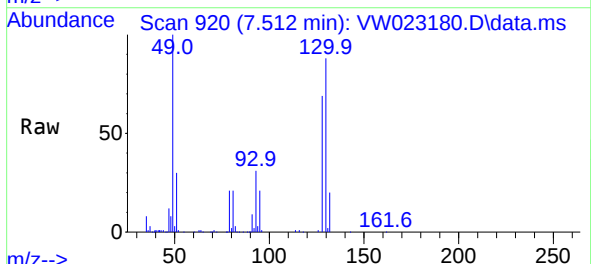
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

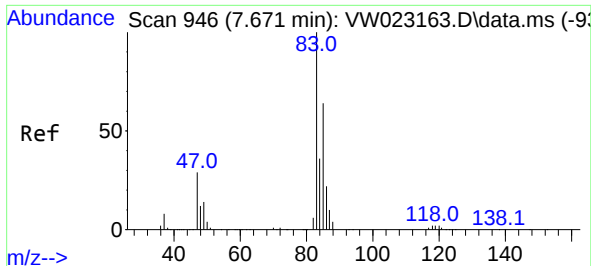
Tgt Ion: 43 Resp: 67519
Ion Ratio Lower Upper
43 100
72 31.3 15.1 45.3



#23
Bromochloromethane
Concen: 20.248 ug/L
RT: 7.512 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Tgt Ion: 128 Resp: 57410
Ion Ratio Lower Upper
128 100
49 144.5 110.0 204.4
130 127.1 94.8 176.0
51 43.0 40.2 60.2

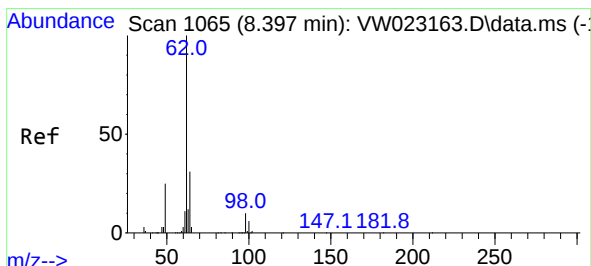
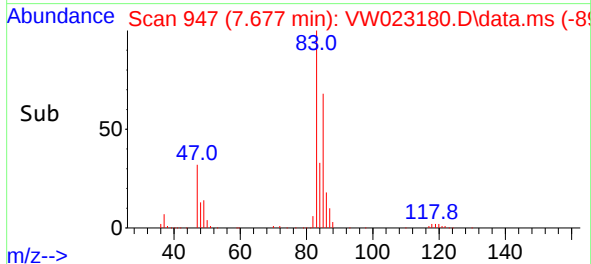
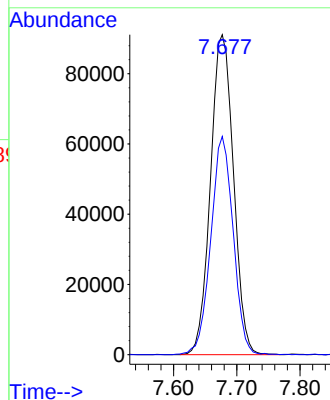
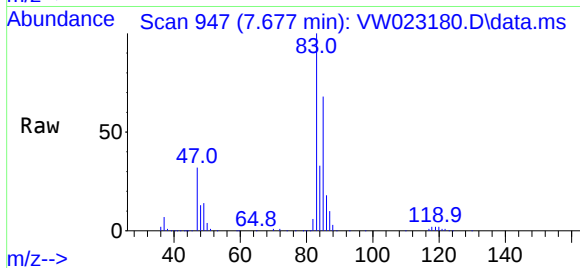




#25
Chloroform
Concen: 21.761 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

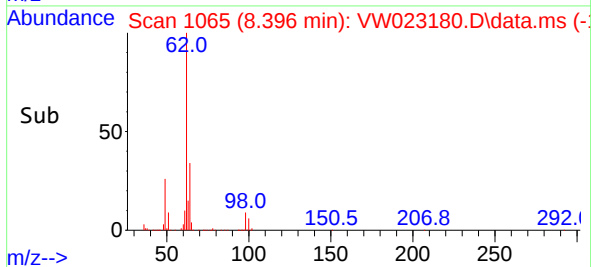
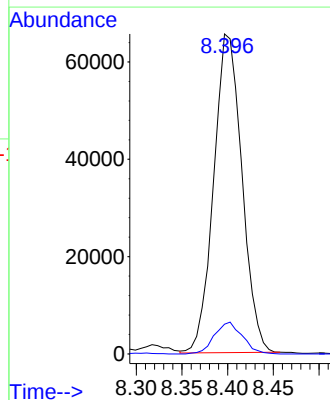
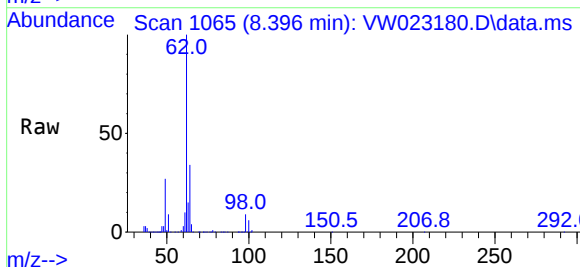
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

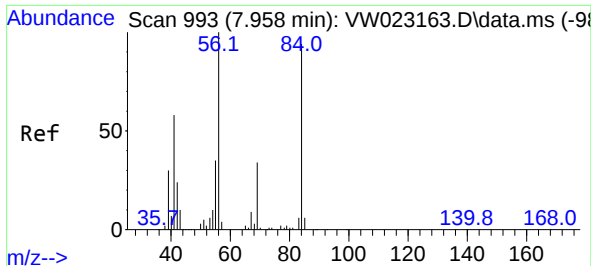
Tgt Ion: 83 Resp: 229872
Ion Ratio Lower Upper
83 100
85 68.2 46.6 86.6



#27
1,2-Dichloroethane
Concen: 20.020 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

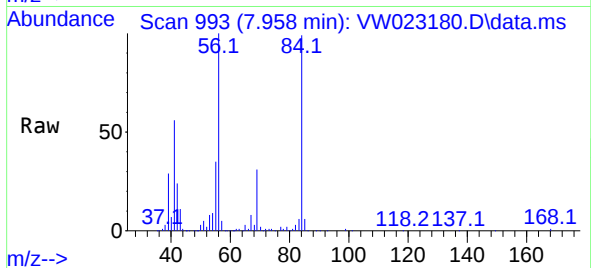
Tgt Ion: 62 Resp: 140969
Ion Ratio Lower Upper
62 100
98 9.3 7.2 10.8



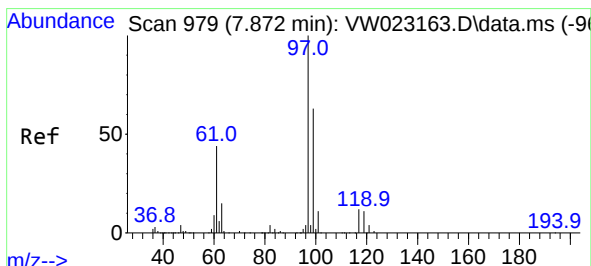
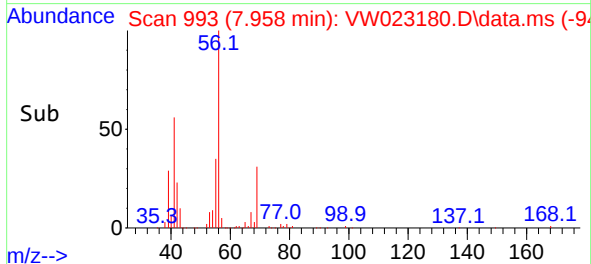
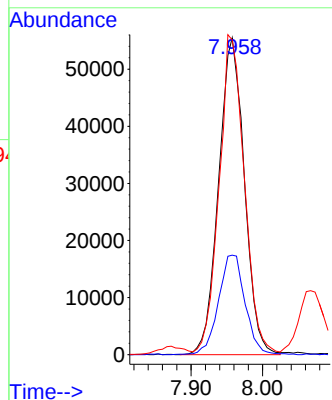


#29
Cyclohexane
Concen: 17.433 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

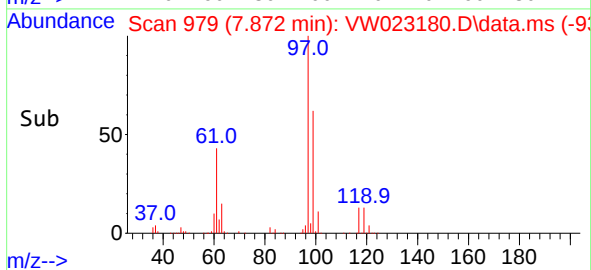
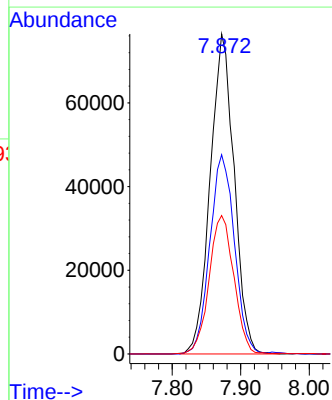
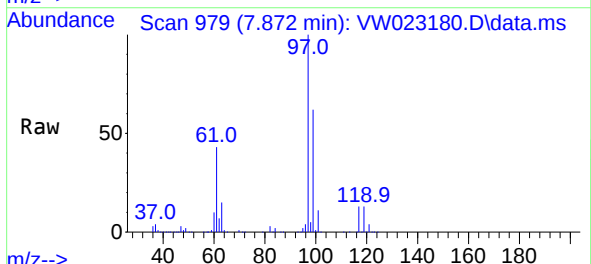


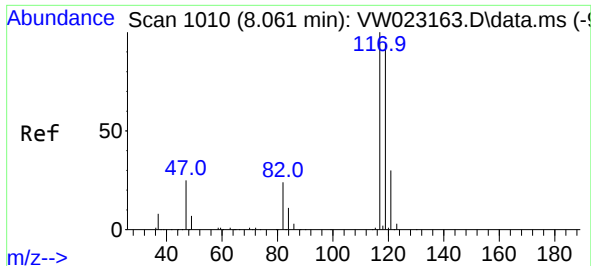
Tgt Ion: 56 Resp: 138717
Ion Ratio Lower Upper
56 100
69 32.5 25.6 38.4
84 98.8 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 21.317 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Tgt Ion: 97 Resp: 185347
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 44.6 34.8 52.2

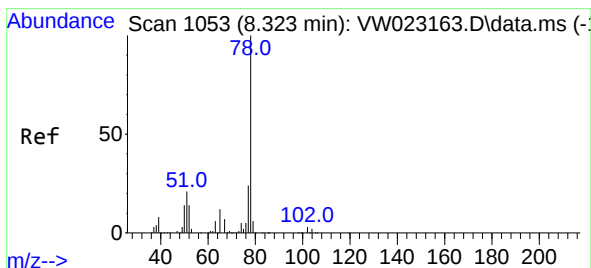
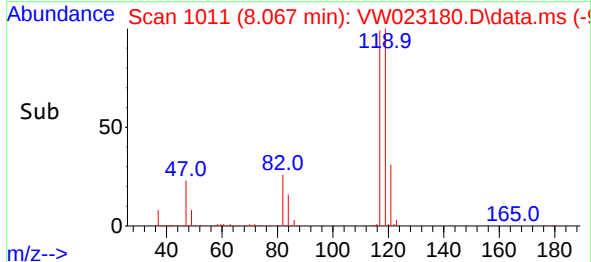
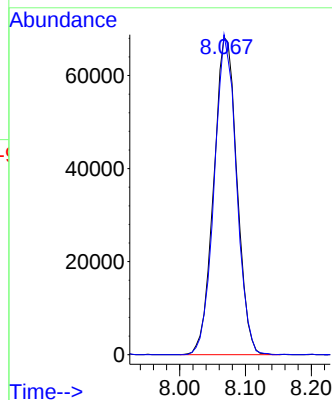
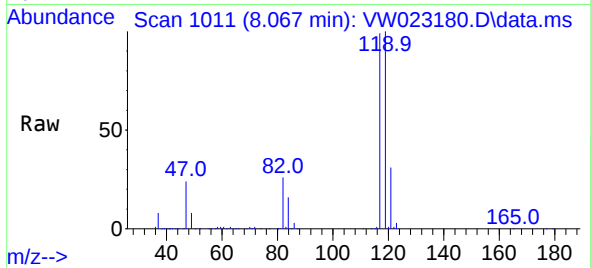




#31
Carbon tetrachloride
Concen: 20.644 ug/L
RT: 8.067 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

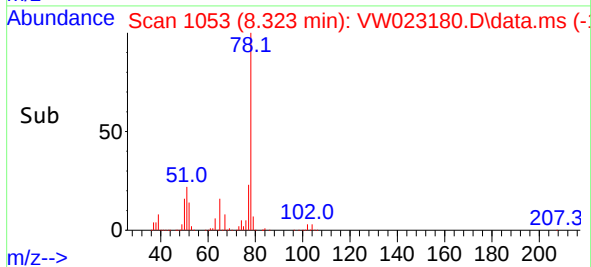
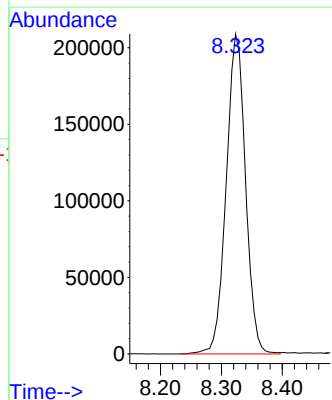
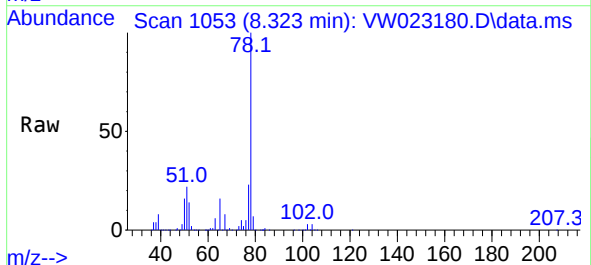
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

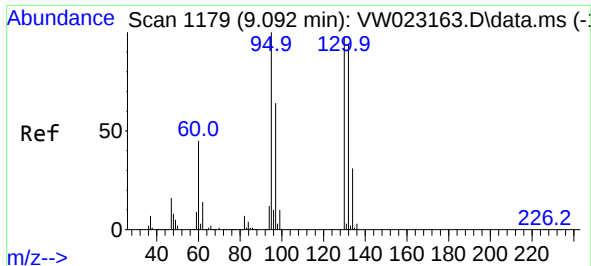
Tgt Ion:117 Resp: 167907
Ion Ratio Lower Upper
117 100
119 96.2 76.6 115.0



#33
Benzene
Concen: 21.261 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Tgt Ion: 78 Resp: 460834

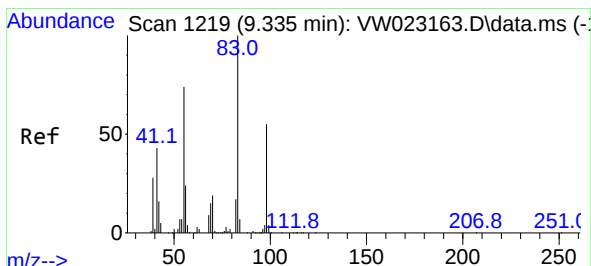
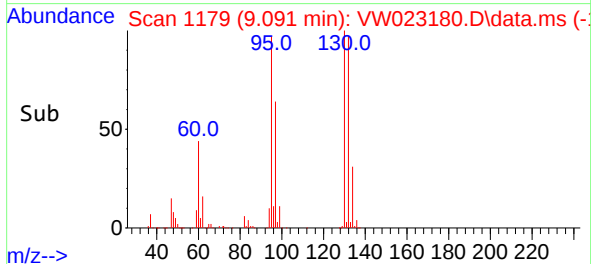
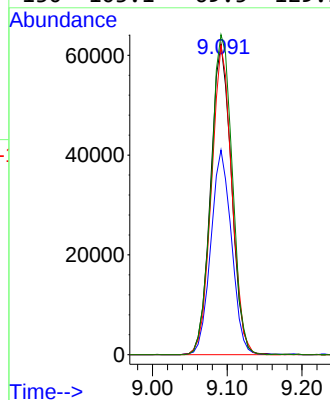
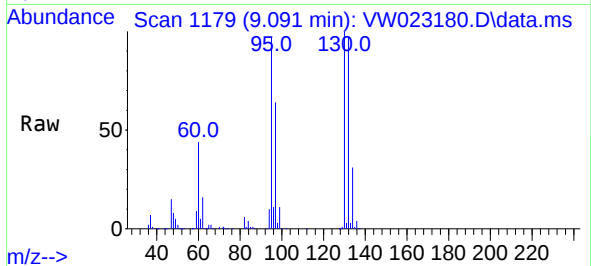




#34
Trichloroethene
Concen: 20.204 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

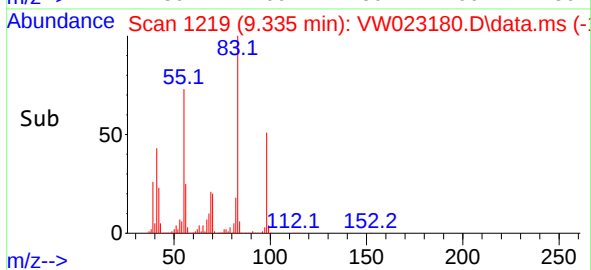
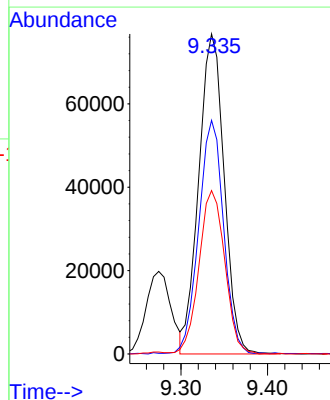
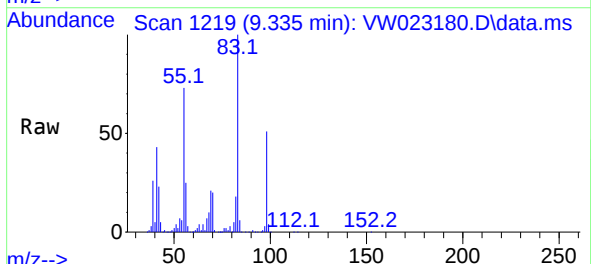
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

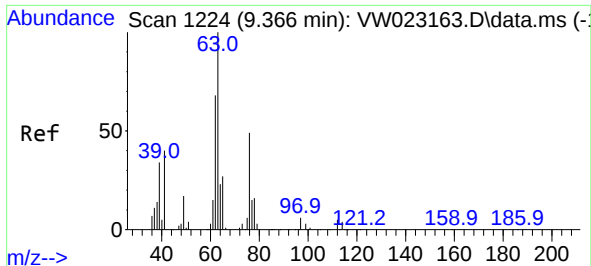
Tgt Ion: 95 Resp: 120431
Ion Ratio Lower Upper
95 100
97 65.9 46.1 85.7
132 99.6 66.9 124.3
130 103.1 69.5 129.1



#35
Methylcyclohexane
Concen: 15.983 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Tgt Ion: 83 Resp: 156509
Ion Ratio Lower Upper
83 100
55 71.4 55.1 82.7
98 51.9 40.4 60.6

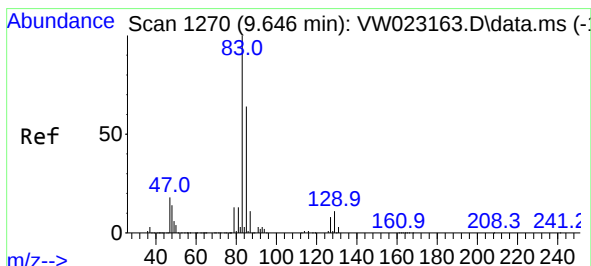
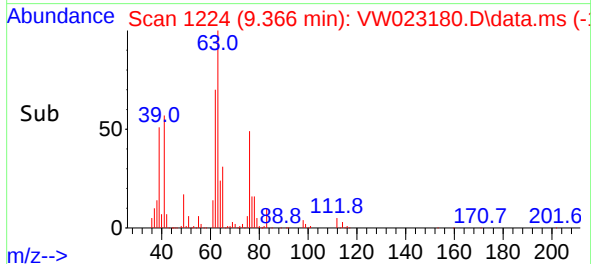
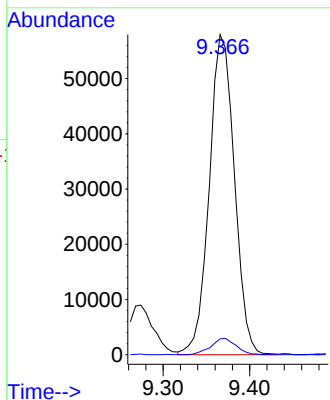
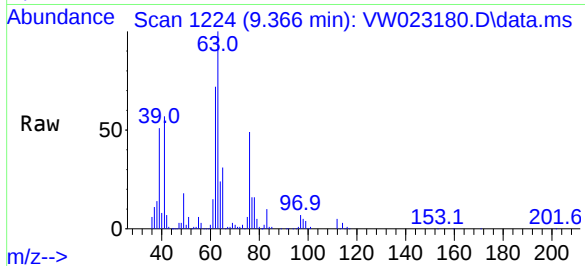




#37
1,2-Dichloropropane
Concen: 22.305 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

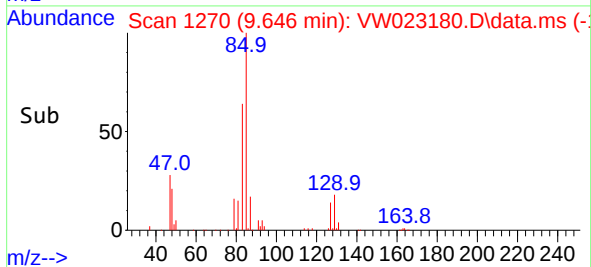
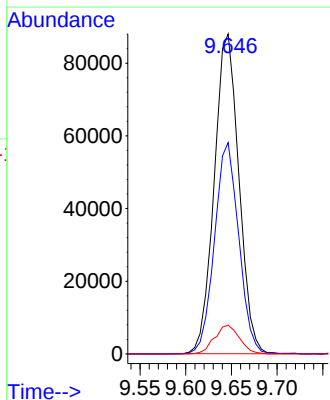
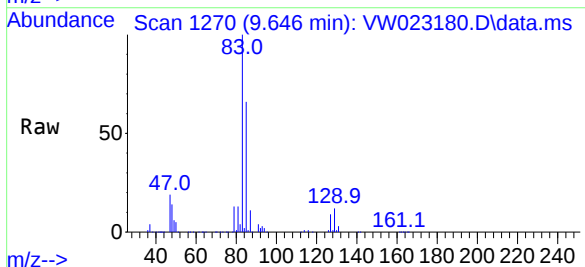
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

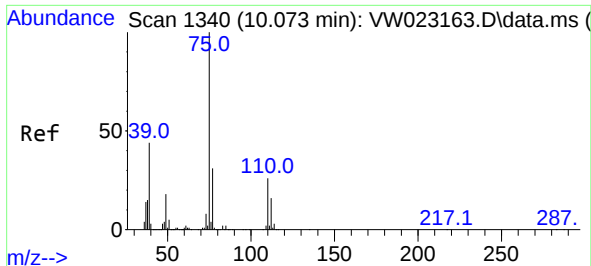
Tgt Ion: 63 Resp: 116996
Ion Ratio Lower Upper
63 100
112 5.1 3.8 5.8



#38
Bromodichloromethane
Concen: 22.169 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Tgt Ion: 83 Resp: 165165
Ion Ratio Lower Upper
83 100
85 66.0 43.5 80.7
127 9.0 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 22.213 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023180.D

Acq: 19 May 2022 18:09

Instrument :

MSVOA_W

ClientSampleId :

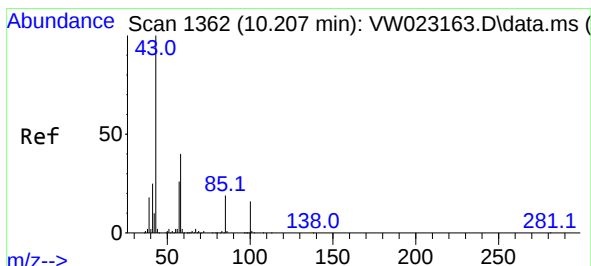
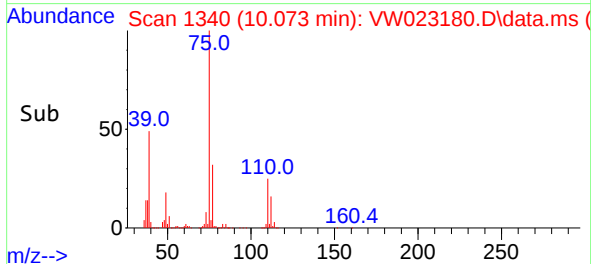
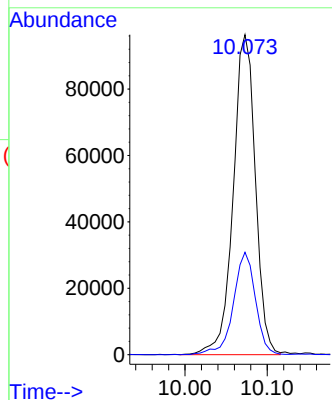
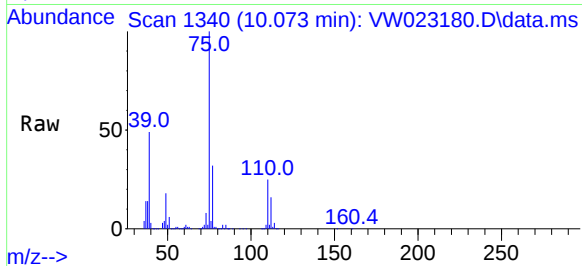
EXY11MSD

Tgt Ion: 75 Resp: 180660

Ion Ratio Lower Upper

75 100

77 32.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 44.120 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023180.D

Acq: 19 May 2022 18:09

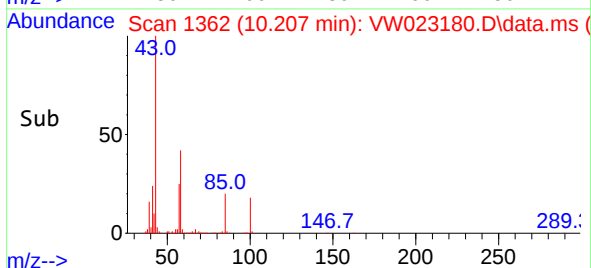
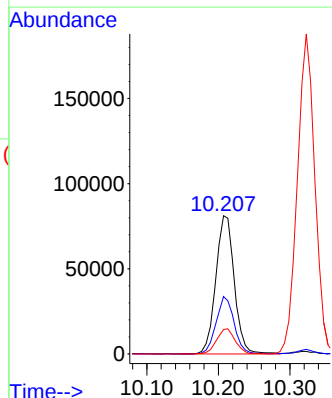
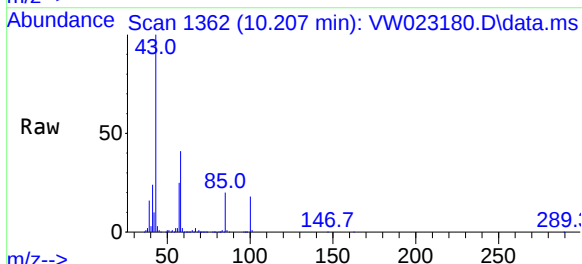
Tgt Ion: 43 Resp: 145864

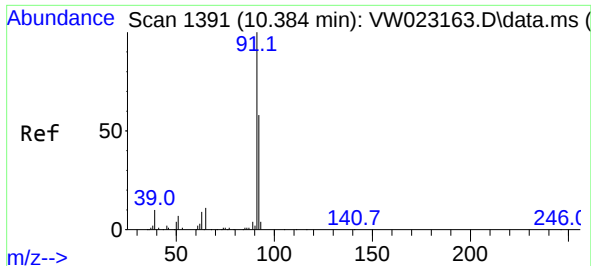
Ion Ratio Lower Upper

43 100

58 40.4 31.4 47.2

100 18.2 14.2 21.4

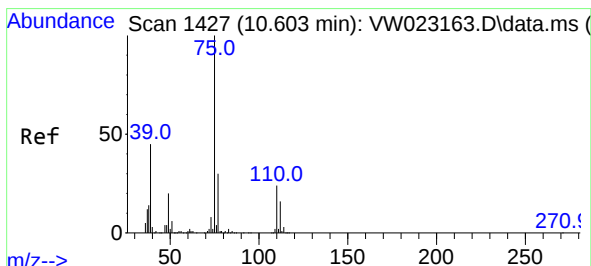
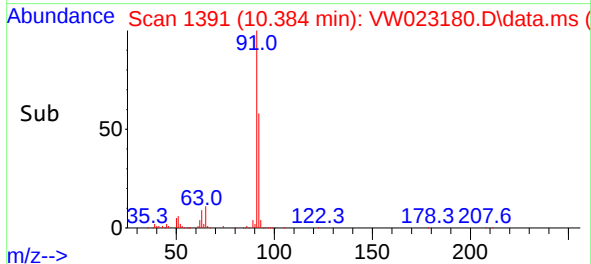
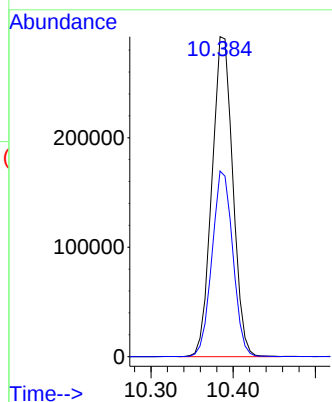
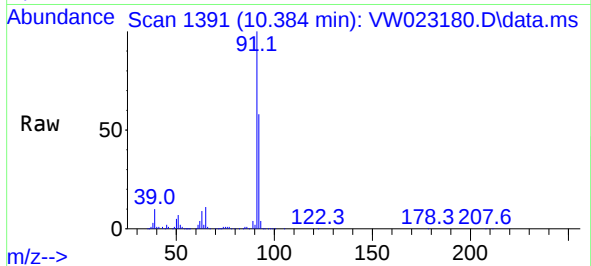




#42
Toluene
Concen: 21.268 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

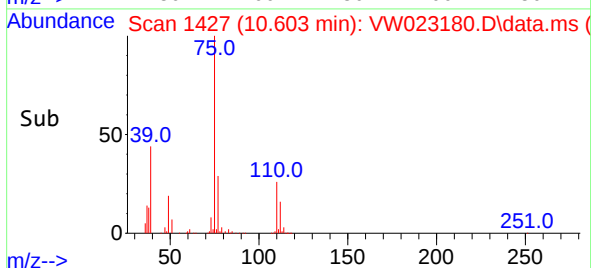
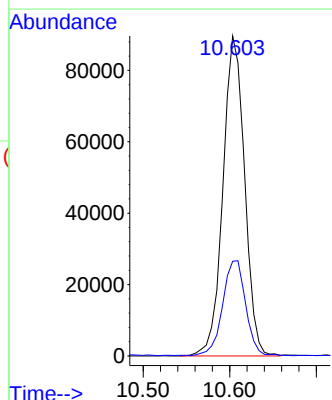
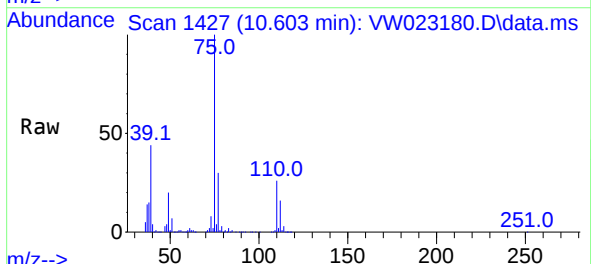
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

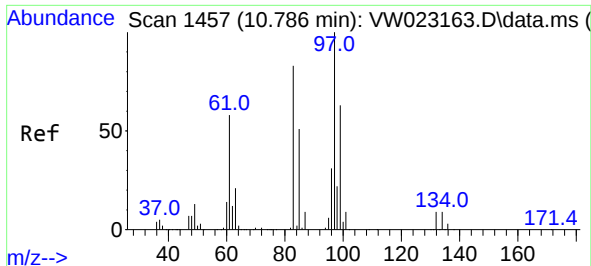
Tgt Ion: 91 Resp: 516627
Ion Ratio Lower Upper
91 100
92 58.0 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 21.482 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Tgt Ion: 75 Resp: 155948
Ion Ratio Lower Upper
75 100
77 29.6 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 23.096 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW023180.D

Acq: 19 May 2022 18:09

Instrument :

MSVOA_W

ClientSampleId :

EXY11MSD

Tgt Ion: 97 Resp: 101274

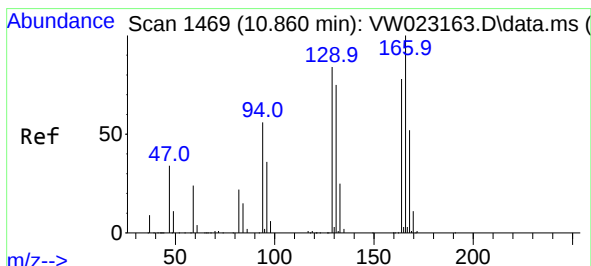
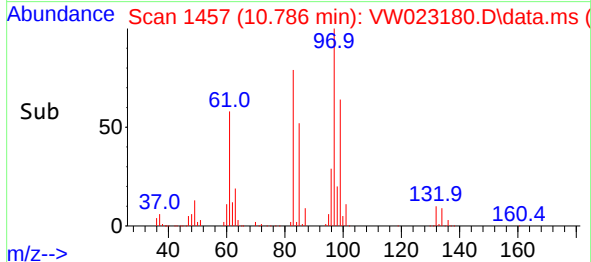
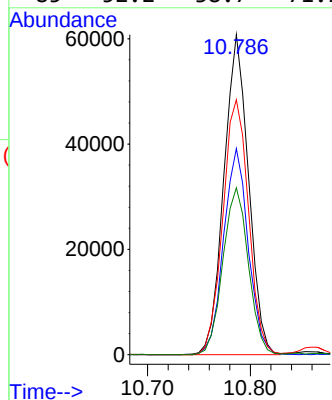
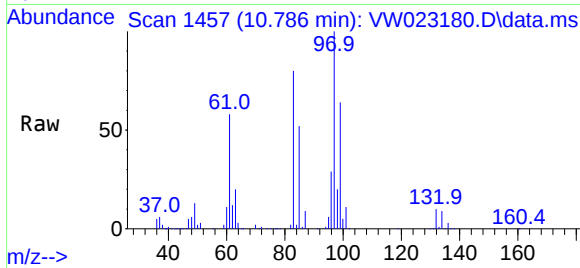
Ion Ratio Lower Upper

97 100

99 64.4 44.7 82.9

83 79.7 58.4 108.4

85 52.2 38.7 71.9



#46

Tetrachloroethene

Concen: 19.288 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW023180.D

Acq: 19 May 2022 18:09

Tgt Ion:164 Resp: 86404

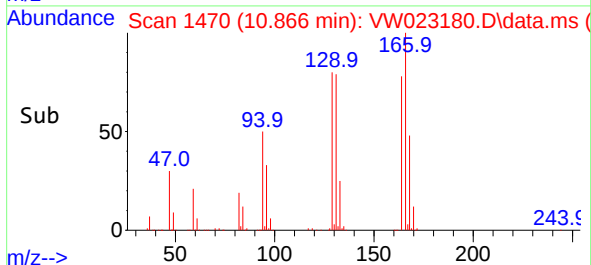
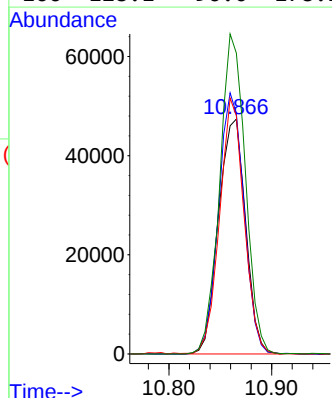
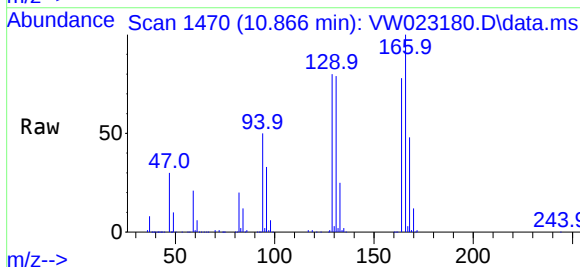
Ion Ratio Lower Upper

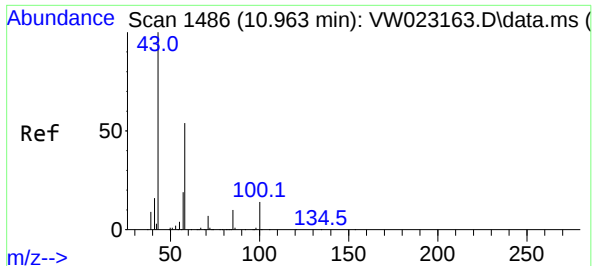
164 100

129 102.4 76.9 142.7

131 101.4 75.1 139.5

166 128.1 96.0 178.2

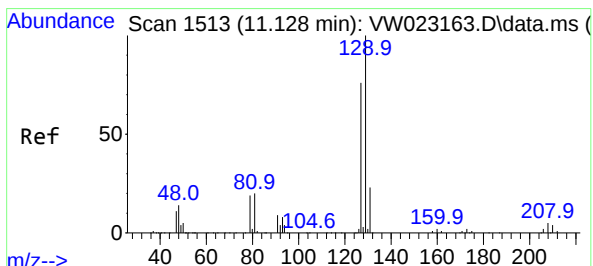
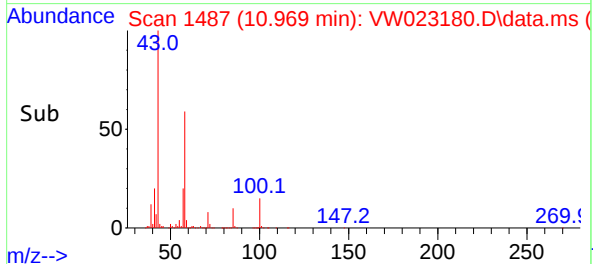
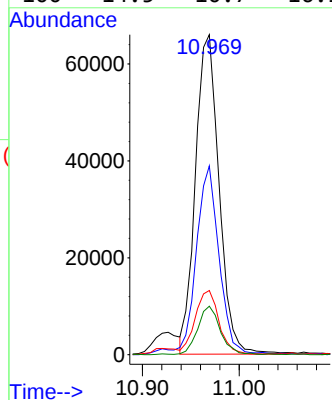
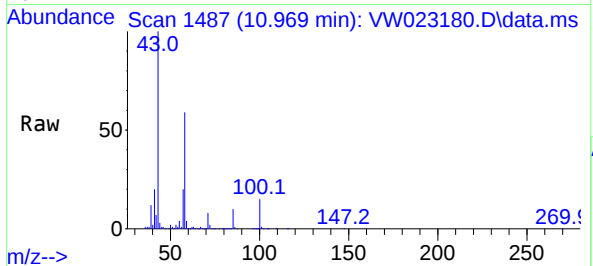




#48
2-Hexanone
Concen: 50.823 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

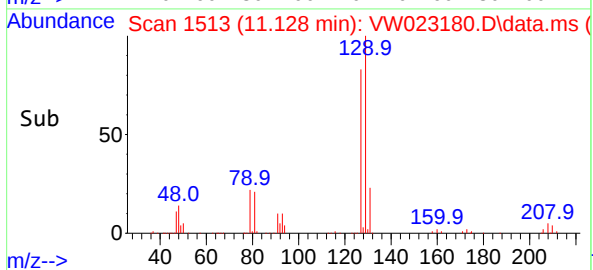
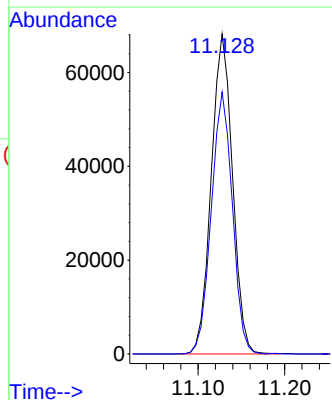
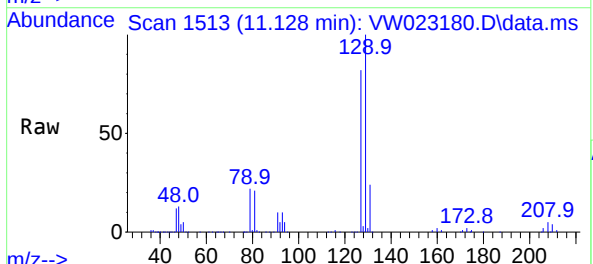
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

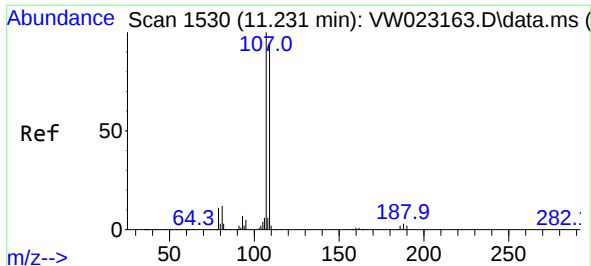
Tgt Ion:	43	Resp:	112268
Ion	Ratio	Lower	Upper
43	100		
58	56.2	45.9	68.9
57	20.4	16.2	24.2
100	14.5	10.7	16.1



#49
Dibromochloromethane
Concen: 22.053 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Tgt Ion:	129	Resp:	116384
Ion	Ratio	Lower	Upper
129	100		
127	81.8	53.8	100.0





#50

1,2-Dibromoethane

Concen: 20.551 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW023180.D

Acq: 19 May 2022 18:09

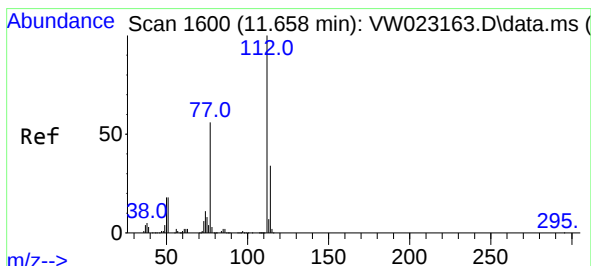
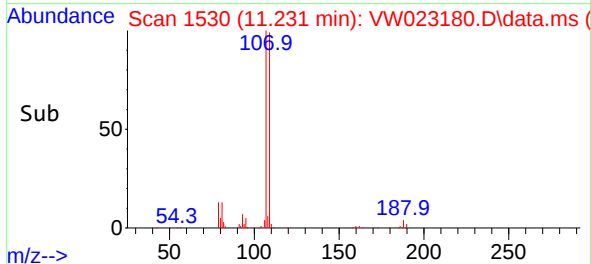
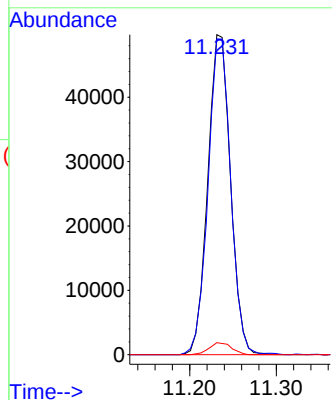
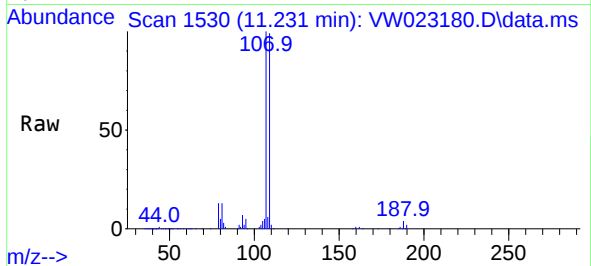
Instrument :

MSVOA_W

ClientSampleId :

EXY11MSD

Tgt Ion:107	Resp:	90486
Ion Ratio	Lower	Upper
107	100	
109	98.7	67.5 125.4
188	3.8	2.9 4.3



#51

Chlorobenzene

Concen: 21.623 ug/L

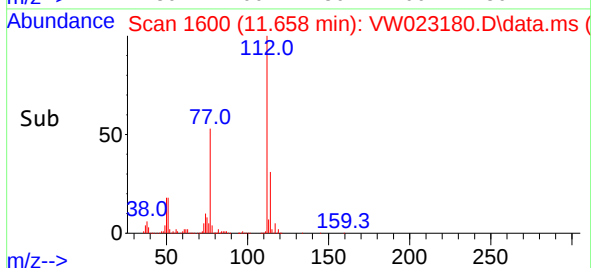
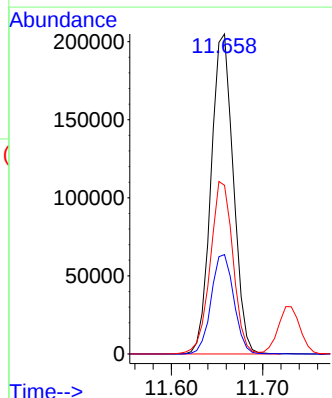
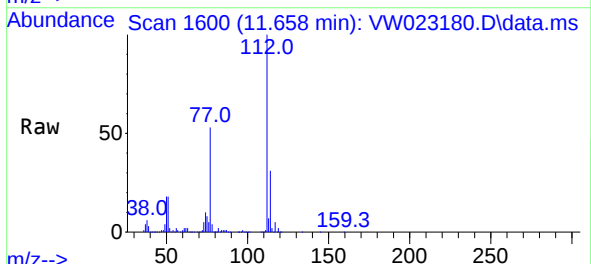
RT: 11.658 min Scan# 1600

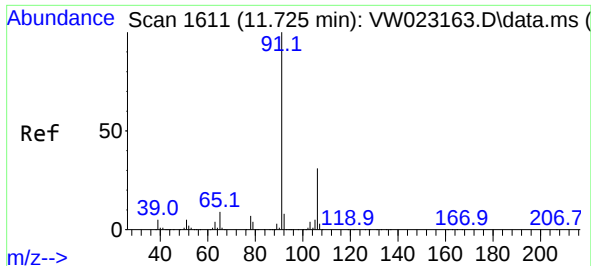
Delta R.T. -0.000 min

Lab File: VW023180.D

Acq: 19 May 2022 18:09

Tgt Ion:112	Resp:	346272
Ion Ratio	Lower	Upper
112	100	
114	31.0	22.0 41.0
77	52.7	42.6 63.8

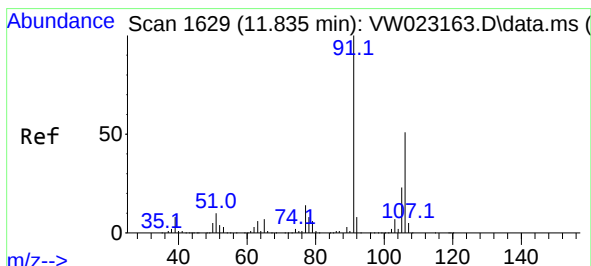
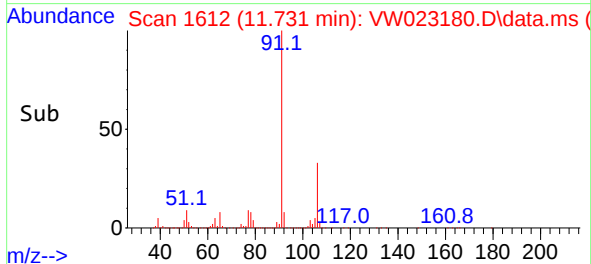
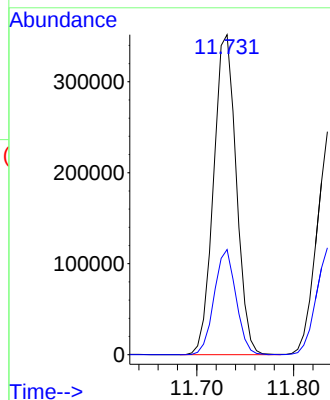
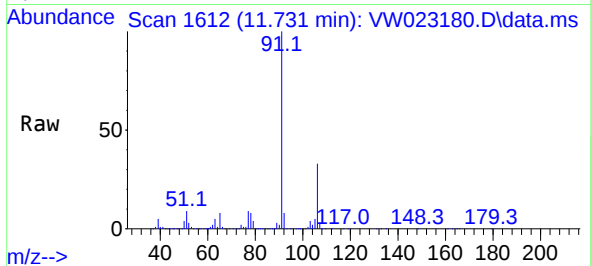




#52
Ethylbenzene
Concen: 21.213 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

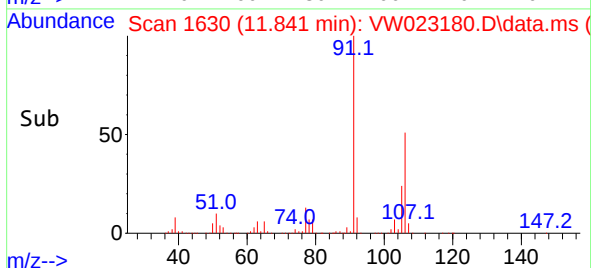
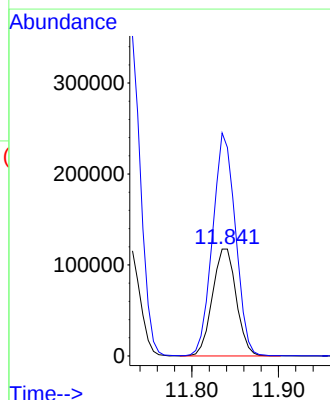
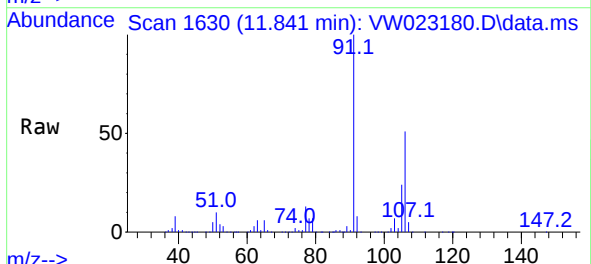
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

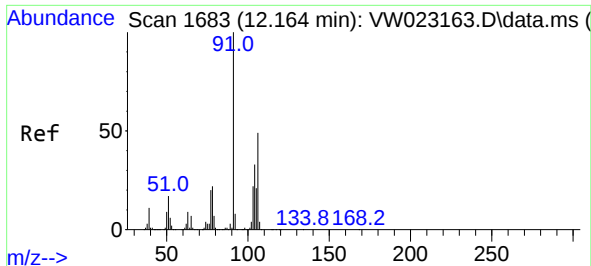
Tgt Ion: 91 Resp: 573262
Ion Ratio Lower Upper
91 100
106 32.9 22.3 41.3



#53
m,p-Xylene
Concen: 21.139 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Tgt Ion: 106 Resp: 225096
Ion Ratio Lower Upper
106 100
91 195.0 136.8 254.0

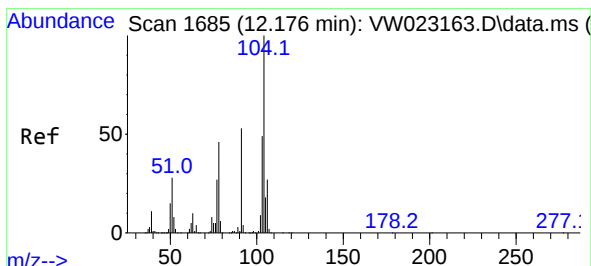
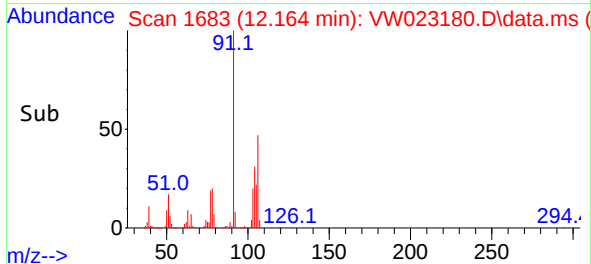
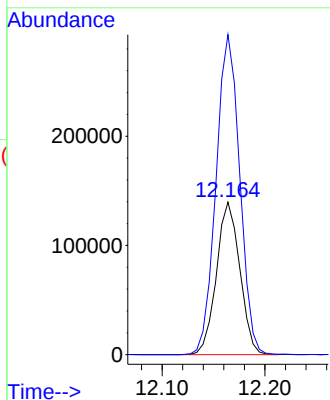
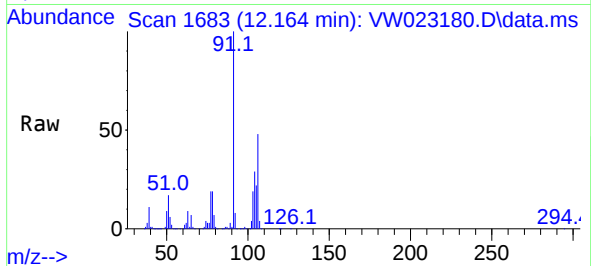




#54
o-Xylene
Concen: 21.582 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

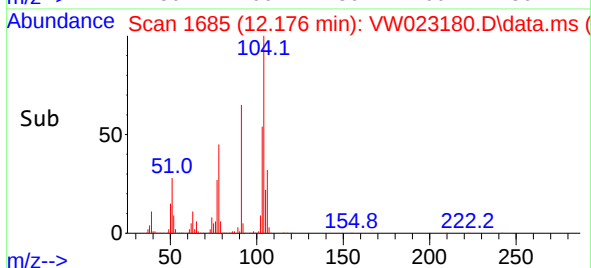
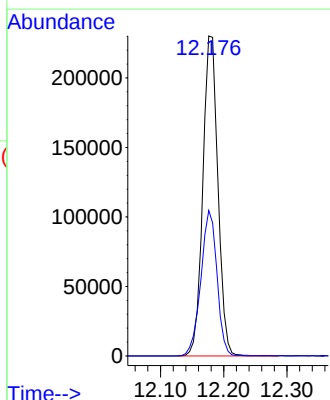
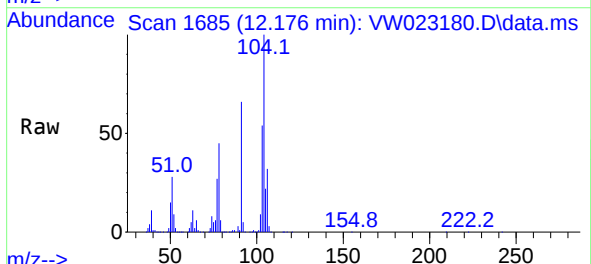
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

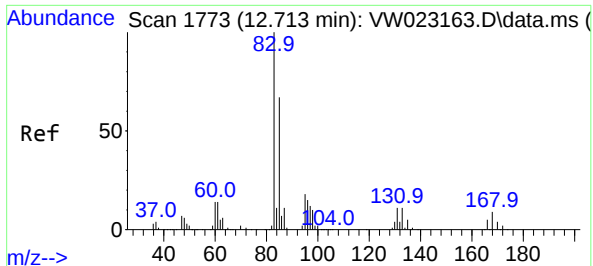
Tgt Ion:106 Resp: 220530
Ion Ratio Lower Upper
106 100
91 209.9 147.2 273.4



#55
Styrene
Concen: 22.056 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Tgt Ion:104 Resp: 382959
Ion Ratio Lower Upper
104 100
78 45.4 32.3 59.9



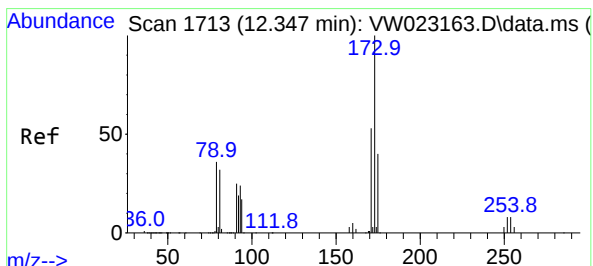
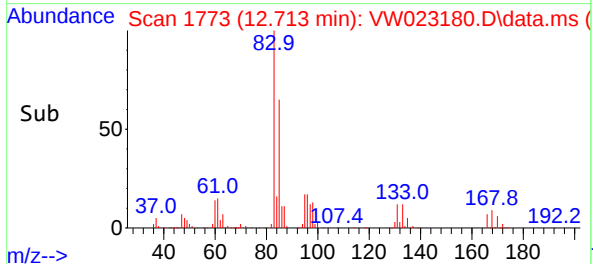
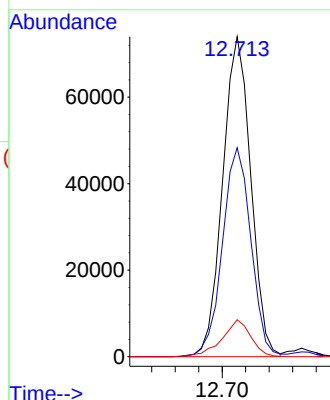
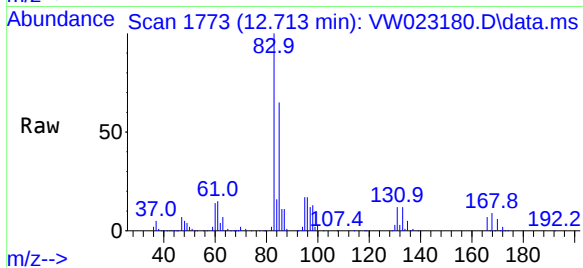


#57
1,1,2,2-Tetrachloroethane
Concen: 22.485 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

Tgt Ion: 83 Resp: 123146

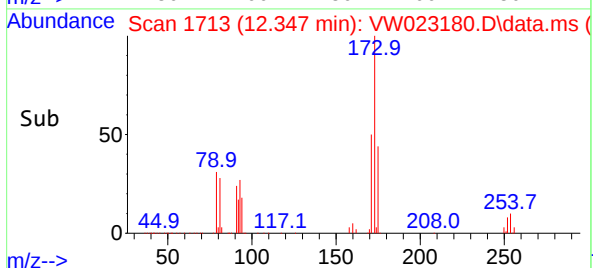
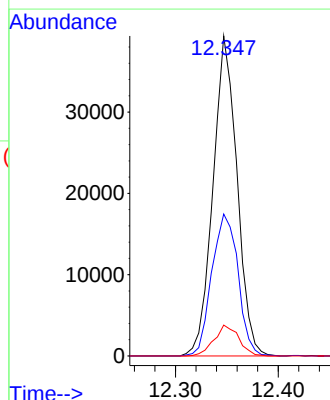
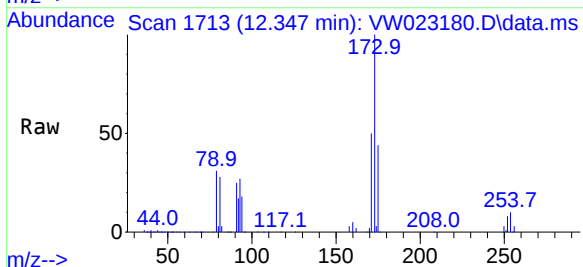
Ion	Ratio	Lower	Upper
83	100		
85	65.3	47.5	88.1
131	11.6	8.7	13.1

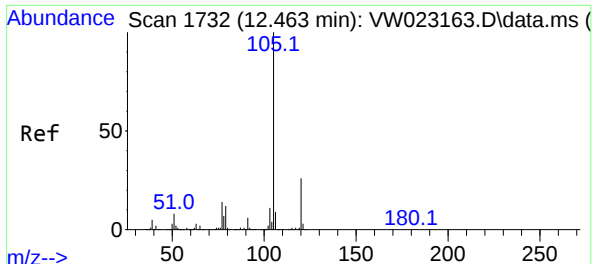


#59
Bromoform
Concen: 24.900 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Tgt Ion: 173 Resp: 63893

Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.1	57.1
254	9.9	6.5	9.7

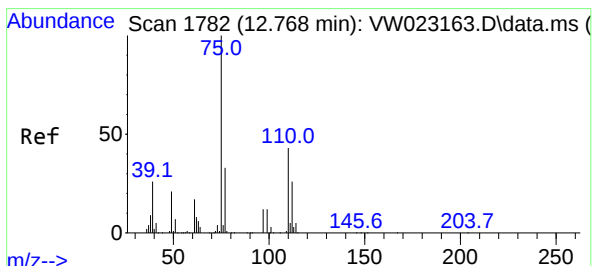
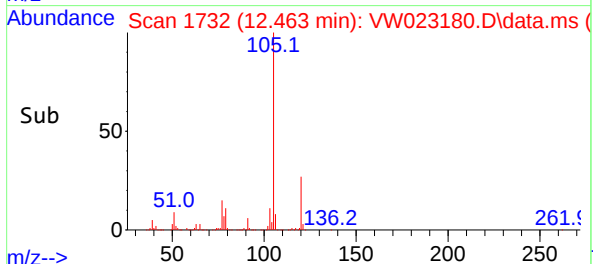
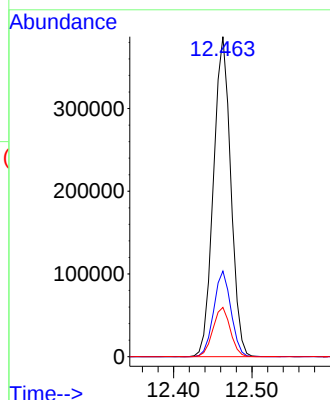
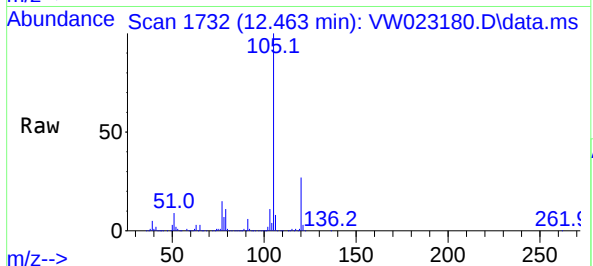




#60
Isopropylbenzene
Concen: 23.968 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

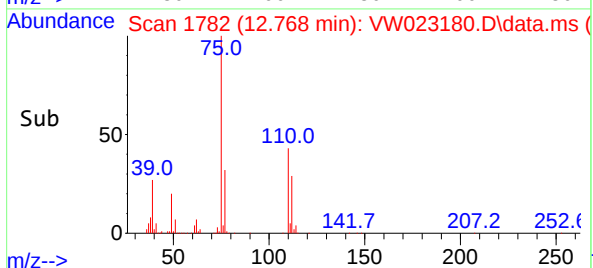
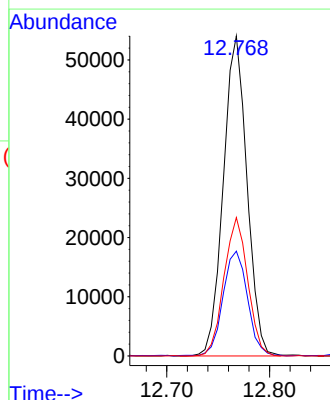
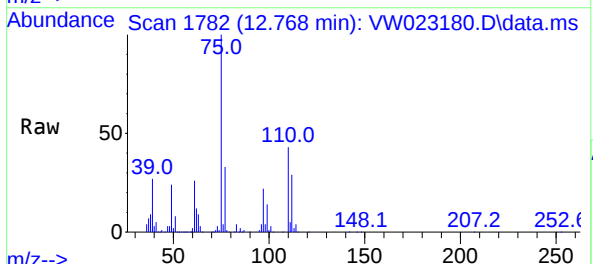
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

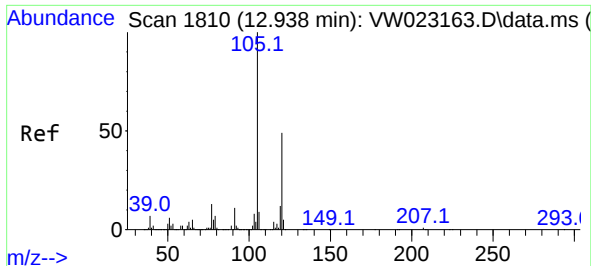
Tgt Ion:105 Resp: 594529
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 23.886 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Tgt Ion: 75 Resp: 86413
Ion Ratio Lower Upper
75 100
77 33.9 26.2 39.2
110 43.3 34.1 51.1

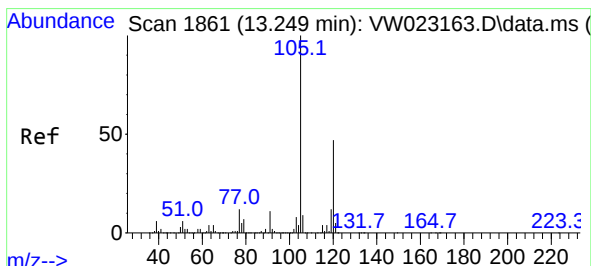
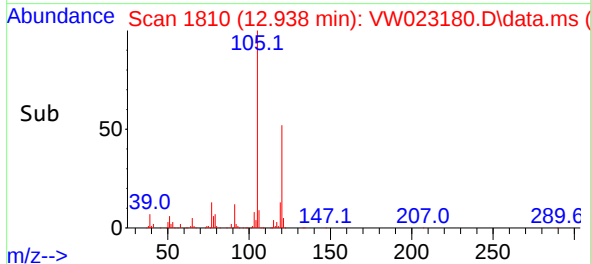
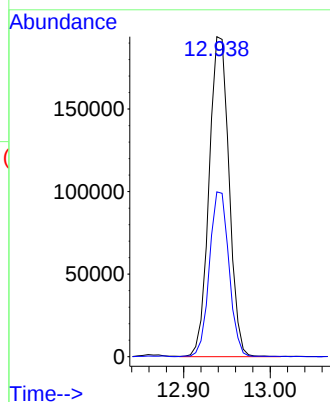
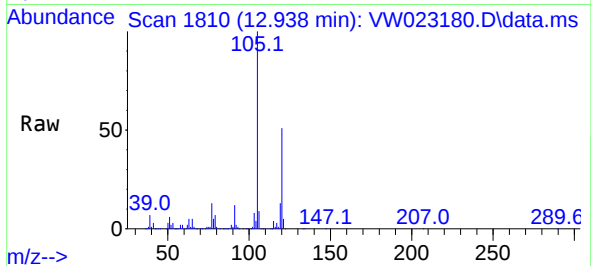




#62
1,3,5-Trimethylbenzene
Concen: 22.489 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

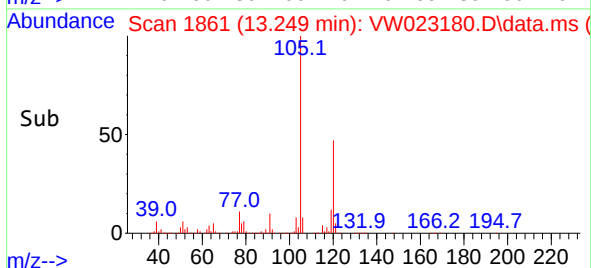
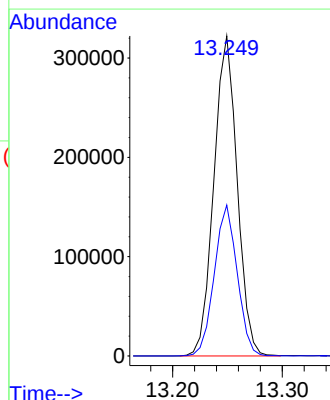
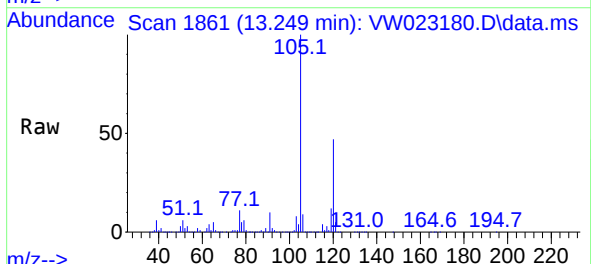
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

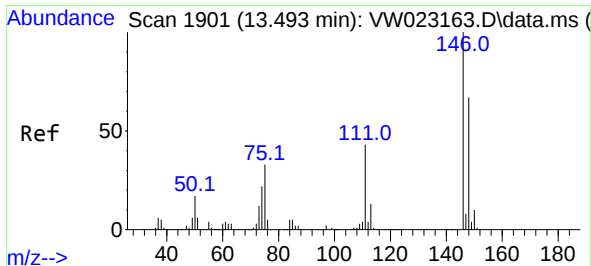
Tgt Ion:105 Resp: 310350
Ion Ratio Lower Upper
105 100
120 50.4 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 22.977 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Tgt Ion:105 Resp: 476104
Ion Ratio Lower Upper
105 100
120 46.2 37.4 56.2

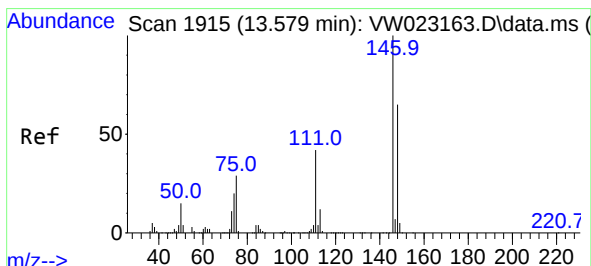
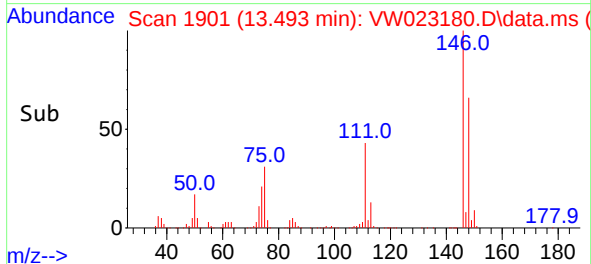
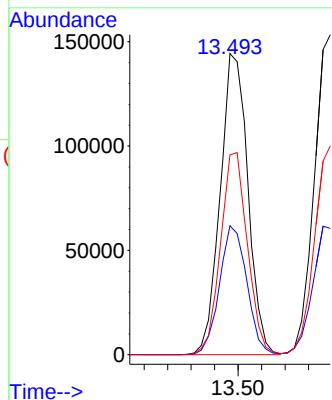
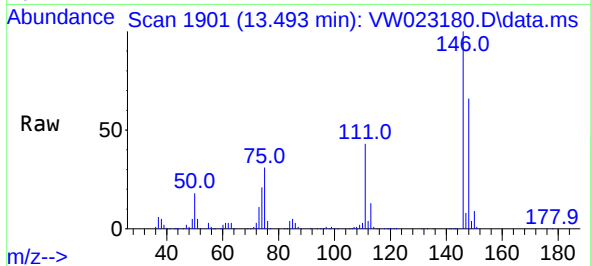




#64
1,3-Dichlorobenzene
Concen: 21.329 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

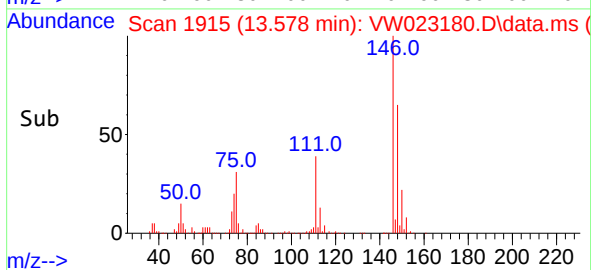
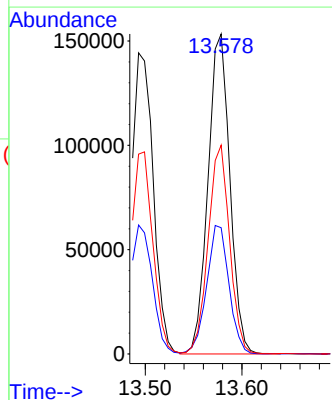
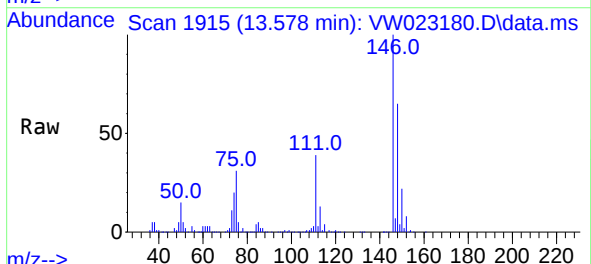
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

Tgt Ion:146 Resp: 236204
Ion Ratio Lower Upper
146 100
111 42.8 29.5 54.9
148 66.4 48.6 90.2

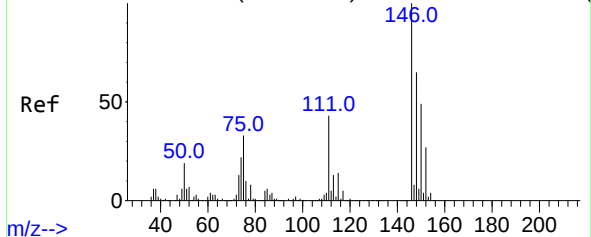


#65
1,4-Dichlorobenzene
Concen: 21.126 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

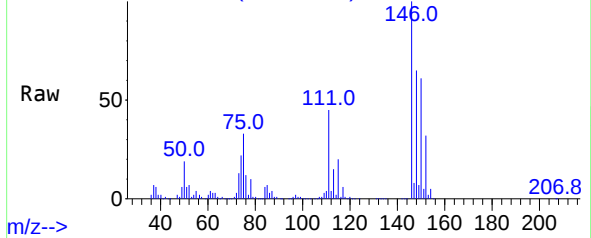
Tgt Ion:146 Resp: 241658
Ion Ratio Lower Upper
146 100
111 39.5 27.2 50.4
148 65.2 44.0 81.6



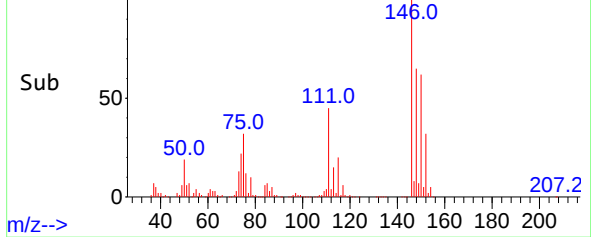
Abundance Scan 1962 (13.865 min): VW023163.D\data.ms (



m/z--> Abundance Scan 1962 (13.865 min): VW023180.D\data.ms

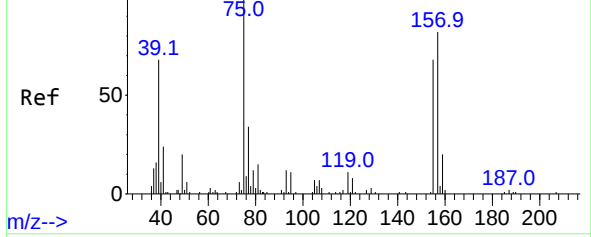


Abundance Scan 1962 (13.865 min): VW023180.D\data.ms (

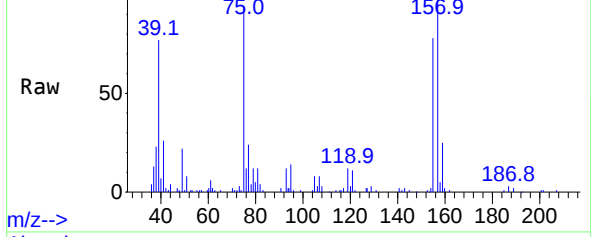


m/z-->

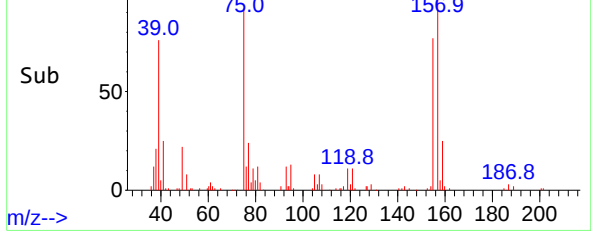
Abundance Scan 2062 (14.475 min): VW023163.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW023180.D\data.ms



Abundance Scan 2063 (14.481 min): VW023180.D\data.ms (

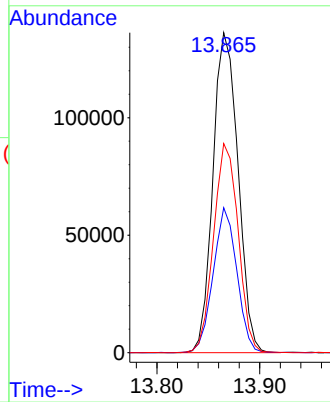


m/z-->

#67
1,2-Dichlorobenzene
Concen: 22.750 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

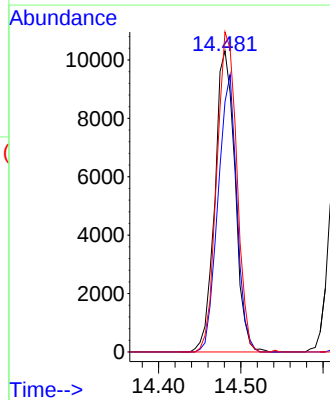
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

Tgt Ion:146 Resp: 230555
Ion Ratio Lower Upper
146 100
111 45.3 35.7 53.5
148 65.4 52.6 79.0

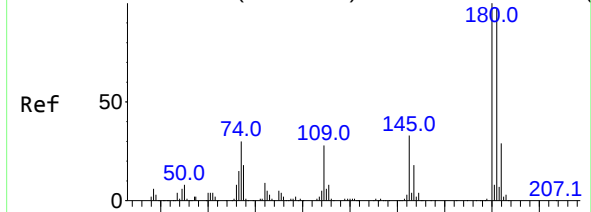


#68
1,2-Dibromo-3-chloropropane
Concen: 22.241 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Tgt Ion: 75 Resp: 17585
Ion Ratio Lower Upper
75 100
155 83.0 59.3 88.9
157 106.3 89.8 134.8

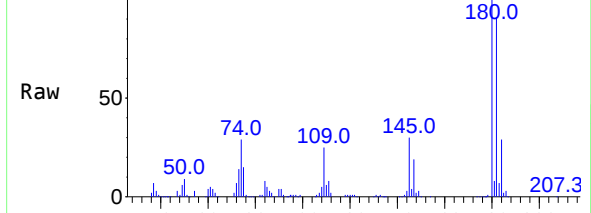


Abundance Scan 2087 (14.627 min): VW023163.D\data.ms (



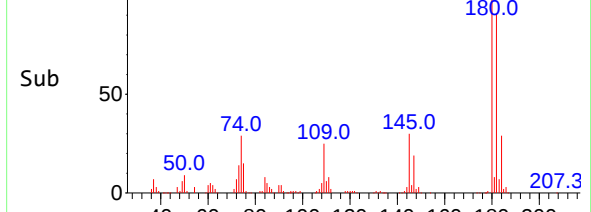
m/z-->

Abundance Scan 2087 (14.627 min): VW023180.D\data.ms



m/z-->

Abundance Scan 2087 (14.627 min): VW023180.D\data.ms (



m/z-->

#69

1,3,5-Trichlorobenzene

Concen: 17.916 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW023180.D

Acq: 19 May 2022 18:09

Instrument :

MSVOA_W

ClientSampleId :

EXY11MSD

Tgt Ion:180 Resp: 131702

Ion Ratio Lower Upper

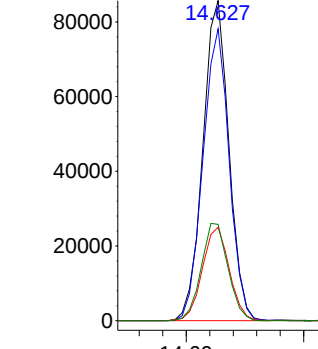
180 100

182 91.9 74.8 112.2

184 30.2 23.4 35.2

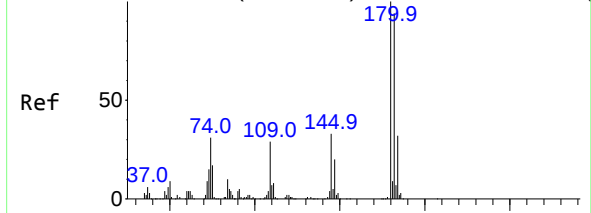
145 31.4 26.5 39.7

Abundance



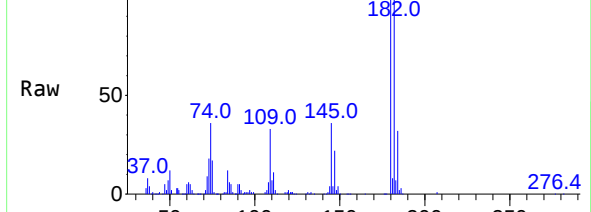
Time-->

Abundance Scan 2170 (15.133 min): VW023163.D\data.ms (



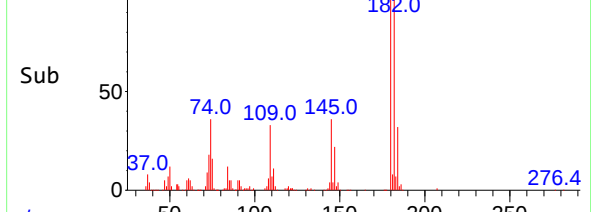
m/z-->

Abundance Scan 2169 (15.127 min): VW023180.D\data.ms



m/z-->

Abundance Scan 2169 (15.127 min): VW023180.D\data.ms (



m/z-->

#70

1,2,4-trichlorobenzene

Concen: 15.706 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW023180.D

Acq: 19 May 2022 18:09

Tgt Ion:180 Resp: 92876

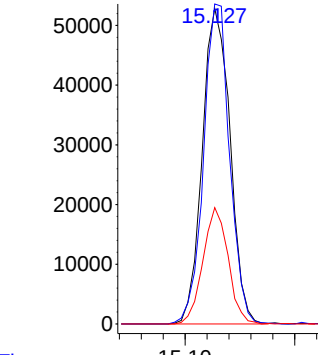
Ion Ratio Lower Upper

180 100

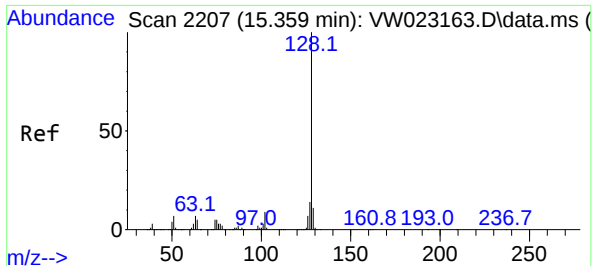
182 95.4 74.9 112.3

145 33.4 26.6 39.8

Abundance



Time-->

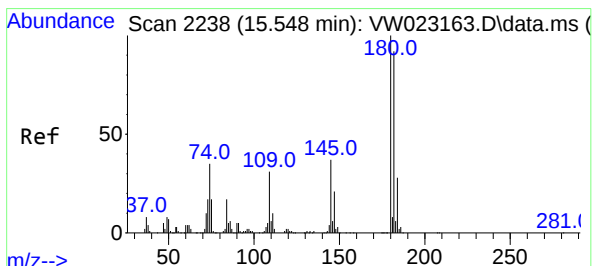
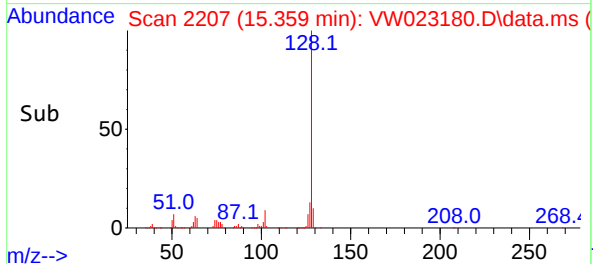
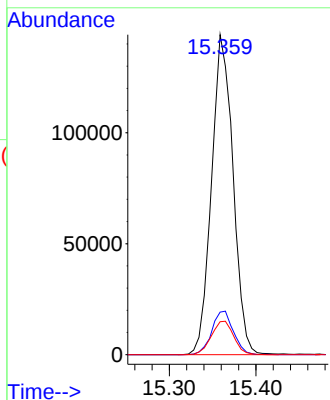
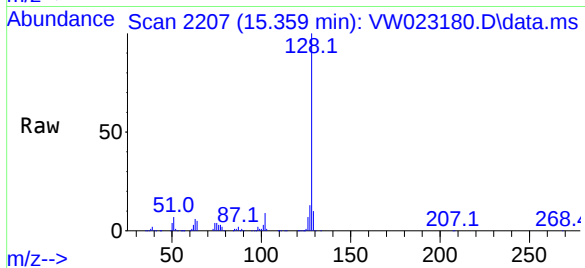


#71
Naphthalene
Concen: 19.350 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

Tgt Ion:128 Resp: 248704

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	16.0
129	10.9	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 14.715 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW023180.D
Acq: 19 May 2022 18:09

Tgt Ion:180 Resp: 77121

Ion	Ratio	Lower	Upper
180	100		
182	101.9	73.5	110.3
145	36.1	27.9	41.9

