

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
 Data File : VW024186.D
 Acq On : 05 Aug 2022 11:39
 Operator : SY/VA
 Sample : N4004-03MSD
 Misc : 5.06g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EY139MSD

Quant Time: Aug 05 23:45:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 23:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	567454	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	495289	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	237775	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	270109	22.773	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.080%
7) Chloroethane-d5	2.873	69	154939	20.969	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.880%
11) 1,1-Dichloroethene-d2	4.013	63	296559	21.939	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.760%
21) 2-Butanone-d5	7.074	46	96078	43.539	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.080%
24) Chloroform-d	7.647	84	369652	21.529	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.120%
26) 1,2-Dichloroethane-d4	8.305	65	194626	20.417	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.680%
32) Benzene-d6	8.275	84	725063	24.822	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.280%
36) 1,2-Dichloropropane-d6	9.275	67	206433	23.936	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.760%
41) Toluene-d8	10.323	98	687644	25.186	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.760%
43) trans-1,3-Dichloroprop...	10.579	79	92013	24.358	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.440%
47) 2-Hexanone-d5	10.921	63	83448	52.385	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.760%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	179907	21.501	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	203888	23.432	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	101370	20.305	ug/L	98
3) Chloromethane	2.209	50	158429	16.921	ug/L	99
5) Vinyl chloride	2.349	62	225359	17.290	ug/L	95
6) Bromomethane	2.764	94	111674	14.943	ug/L	96
8) Chloroethane	2.904	64	97335	17.049	ug/L	98
9) Trichlorofluoromethane	3.245	101	103043	16.678	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	148434	17.813	ug/L	98
12) 1,1-Dichloroethene	4.032	96	131079	19.214	ug/L	91
13) Acetone	4.123	43	67766	41.710	ug/L	64
14) Carbon disulfide	4.379	76	378480	17.338	ug/L	97
15) Methyl Acetate	4.666	43	61492	16.804	ug/L	98
16) Methylene chloride	4.910	84	186963	18.684	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	145053	18.412	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	225359	20.060	ug/L	99
19) 1,1-Dichloroethane	6.208	63	247487	17.833	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	161968	18.720	ug/L #	94
22) 2-Butanone	7.171	43	91882	33.562	ug/L	100
23) Bromochloromethane	7.507	128	78892	18.309	ug/L	97
25) Chloroform	7.671	83	277314	18.134	ug/L	96

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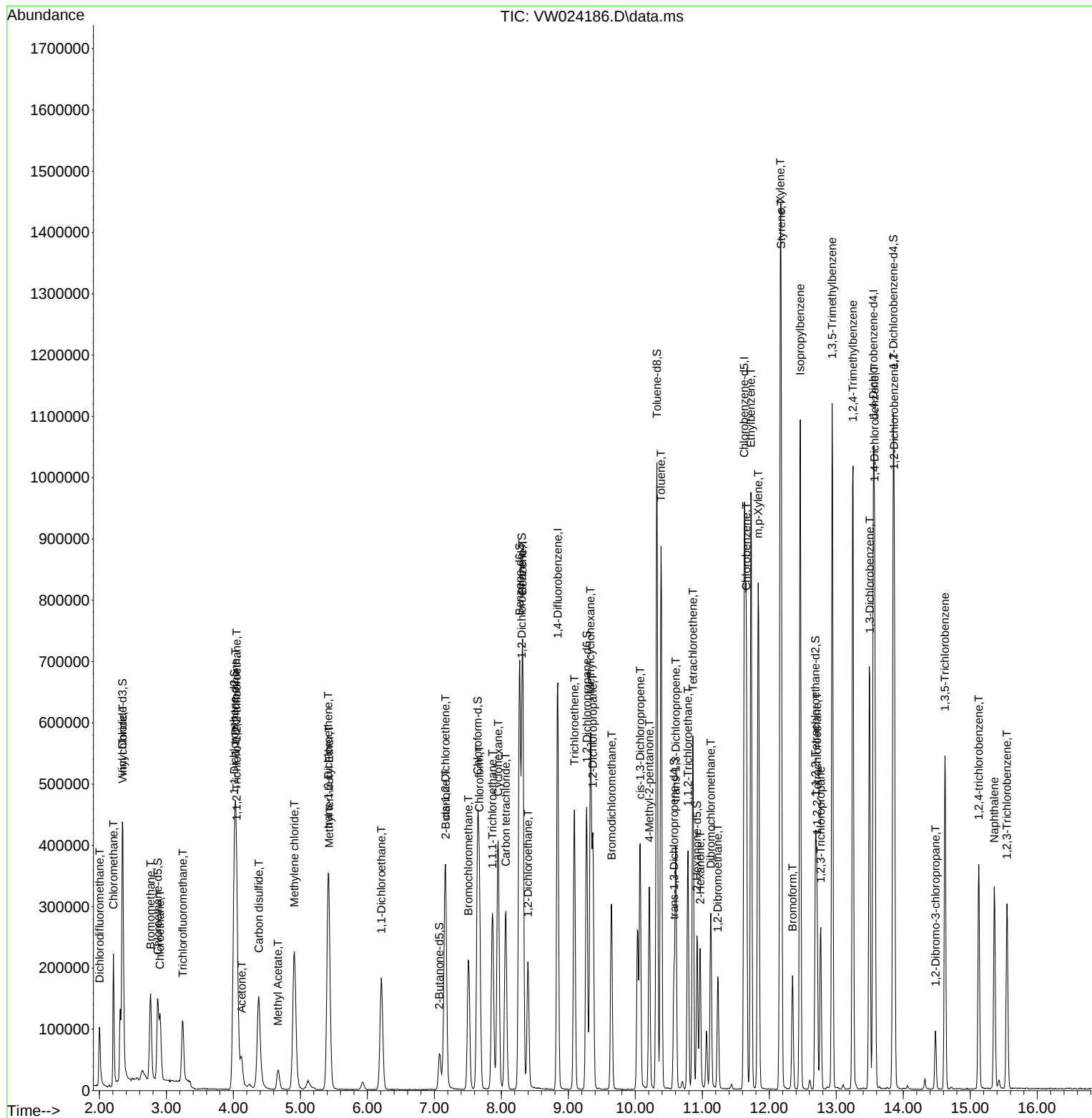
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	179672	17.461	ug/L	98
29) Cyclohexane	7.952	56	212191	20.897	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	230363	20.624	ug/L	98
31) Carbon tetrachloride	8.067	117	214043	20.313	ug/L	99
33) Benzene	8.317	78	589533	20.153	ug/L	100
34) Trichloroethene	9.092	95	153574	19.862	ug/L	97
35) Methylcyclohexane	9.329	83	238343	19.657	ug/L	97
37) 1,2-Dichloropropane	9.366	63	141592	19.581	ug/L	98
38) Bromodichloromethane	9.646	83	197627	19.486	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	230606	21.677	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	199949	41.663	ug/L	99
42) Toluene	10.384	91	637026	20.493	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	206252	21.218	ug/L	97
45) 1,1,2-Trichloroethane	10.787	97	119125	19.545	ug/L	97
46) Tetrachloroethene	10.860	164	126710	20.243	ug/L	96
48) 2-Hexanone	10.969	43	143862	44.171	ug/L	99
49) Dibromochloromethane	11.128	129	145931	19.889	ug/L	94
50) 1,2-Dibromoethane	11.232	107	114880	19.673	ug/L	97
51) Chlorobenzene	11.658	112	397736	18.727	ug/L	97
52) Ethylbenzene	11.725	91	688605	20.219	ug/L	100
53) m,p-Xylene	11.835	106	269310	20.314	ug/L	96
54) o-Xylene	12.164	106	257534	20.562	ug/L	99
55) Styrene	12.176	104	445963	20.473	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	141606	18.591	ug/L	98
59) Bromoform	12.347	173	79986	22.054	ug/L	100
60) Isopropylbenzene	12.463	105	694687	24.134	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	101184	21.383	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	560582	23.567	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	529198	22.590	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	280460	19.898	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	279765	18.744	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	259444	19.384	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	21781	19.701	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	161298	17.452	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	115851	15.652	ug/L	97
71) Naphthalene	15.359	128	278176	19.295	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	98073	14.554	ug/L	98

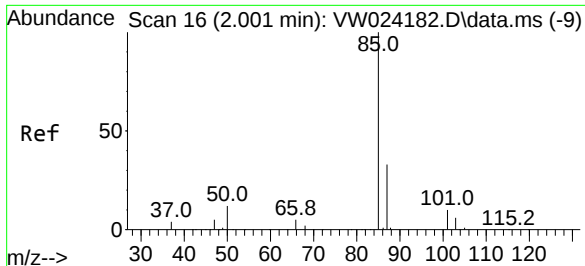
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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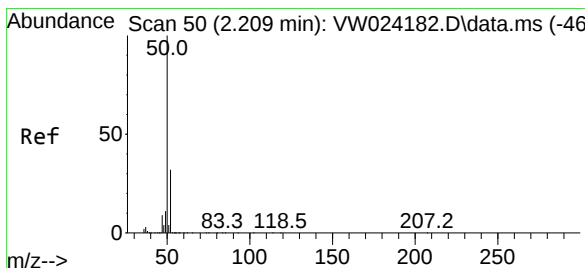
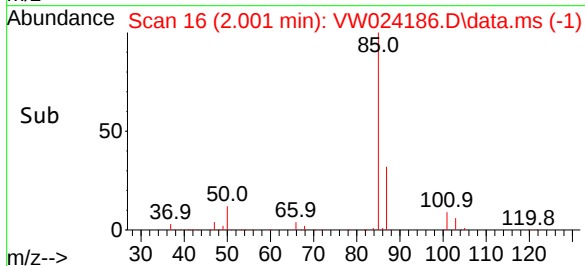
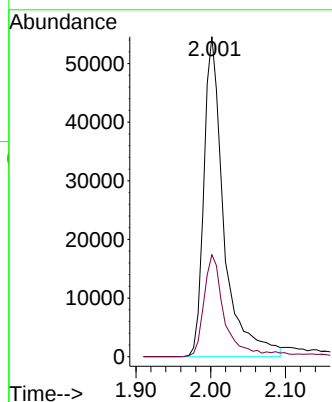
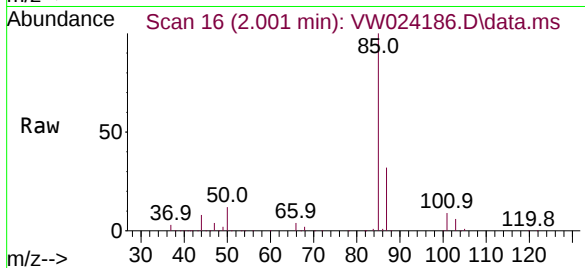




#2
 Dichlorodifluoromethane
 Concen: 20.305 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024186.D
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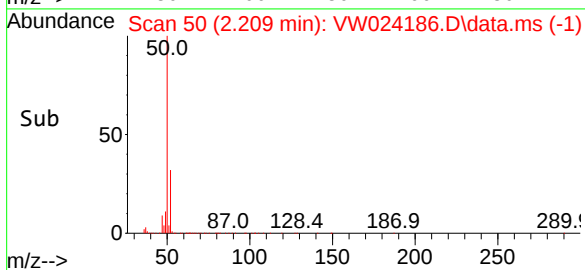
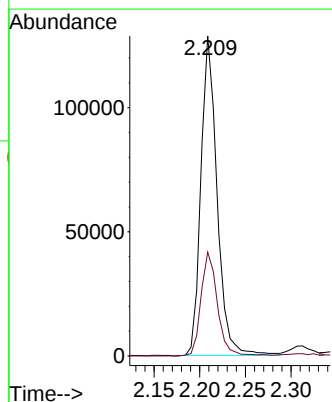
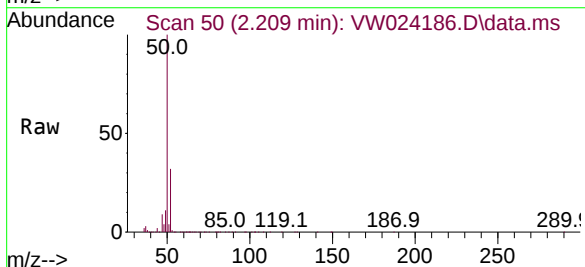
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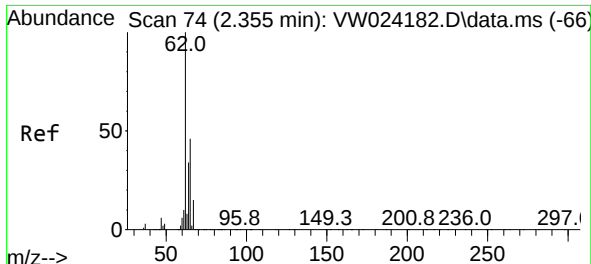
Tgt Ion: 85 Resp: 101370
 Ion Ratio Lower Upper
 85 100
 87 31.7 24.5 36.7



#3
 Chloromethane
 Concen: 16.921 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW024186.D
 Acq: 05 Aug 2022 11:39

Tgt Ion: 50 Resp: 158429
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.2 43.2

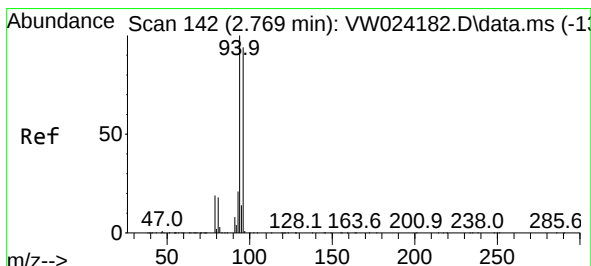
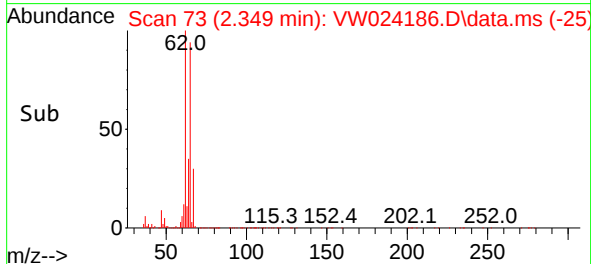
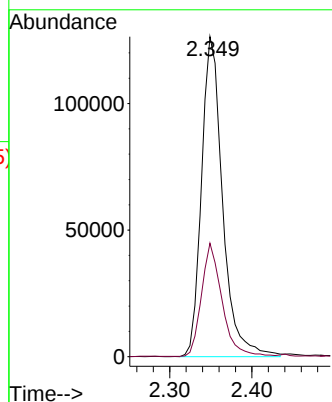
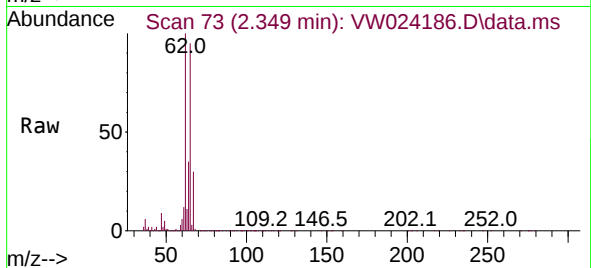




#5
 Vinyl chloride
 Concen: 17.290 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW024186.D
 Acq: 05 Aug 2022 11:39

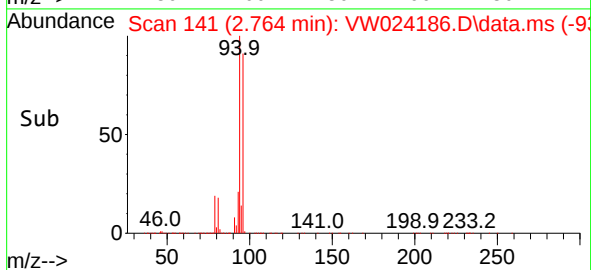
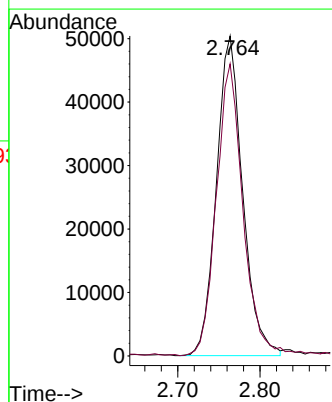
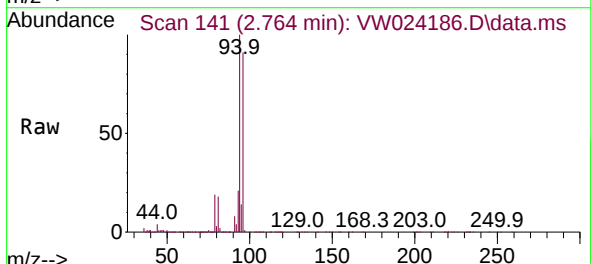
Instrument :
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 ClientSampleId :
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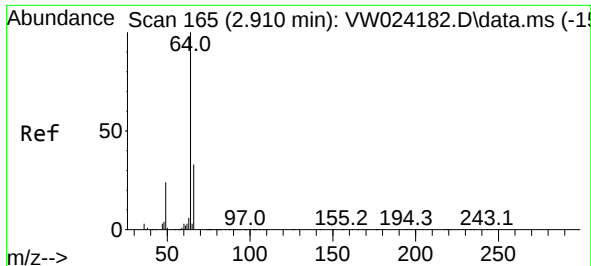
Tgt Ion: 62 Resp: 225359
 Ion Ratio Lower Upper
 62 100
 64 35.4 22.7 42.3



#6
 Bromomethane
 Concen: 14.943 ug/L
 RT: 2.764 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VW024186.D
 Acq: 05 Aug 2022 11:39

Tgt Ion: 94 Resp: 111674
 Ion Ratio Lower Upper
 94 100
 96 91.3 61.0 113.4

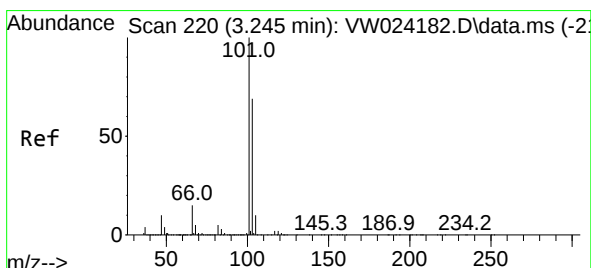
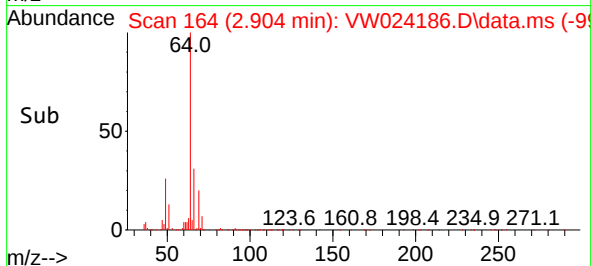
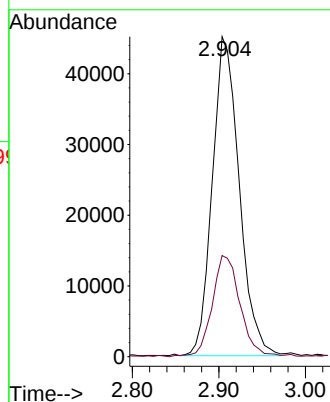
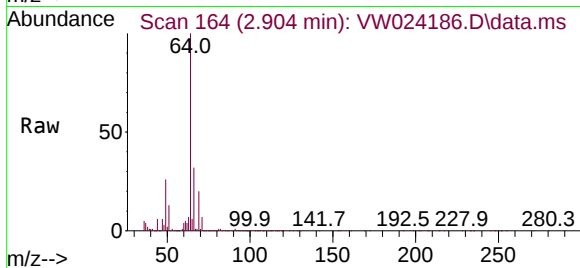




#8
Chloroethane
Concen: 17.049 ug/L
RT: 2.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

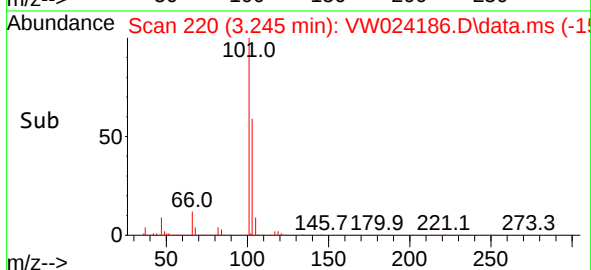
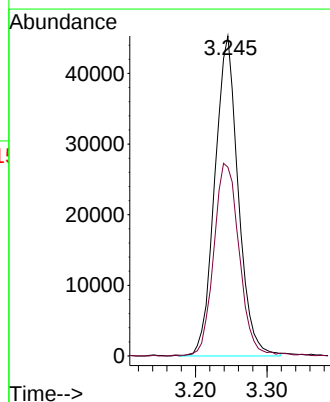
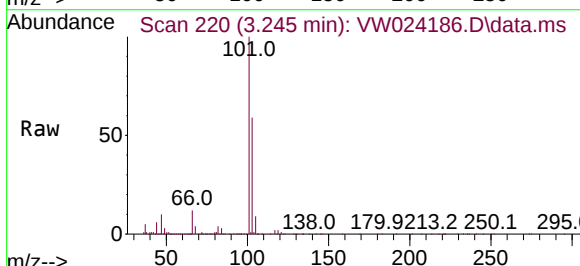
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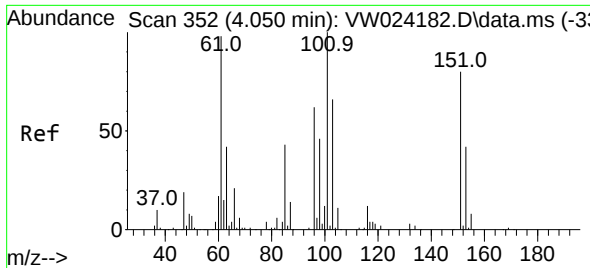
Tgt Ion: 64 Resp: 97335
Ion Ratio Lower Upper
64 100
66 31.6 21.6 40.0



#9
Trichlorofluoromethane
Concen: 16.678 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

Tgt Ion: 101 Resp: 103043
Ion Ratio Lower Upper
101 100
103 65.1 50.5 75.7

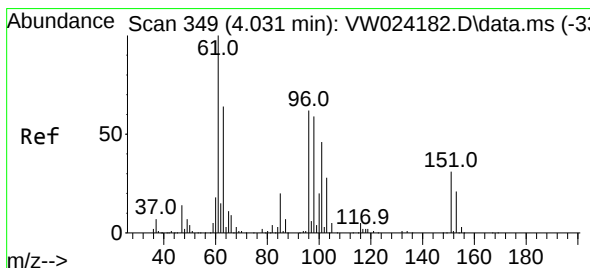
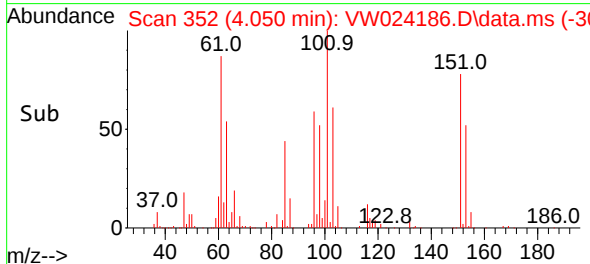
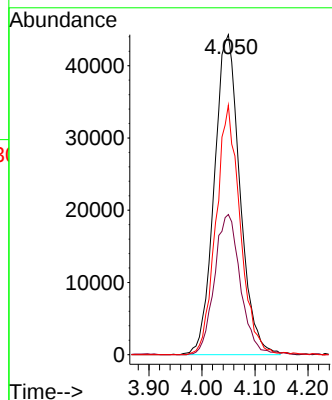
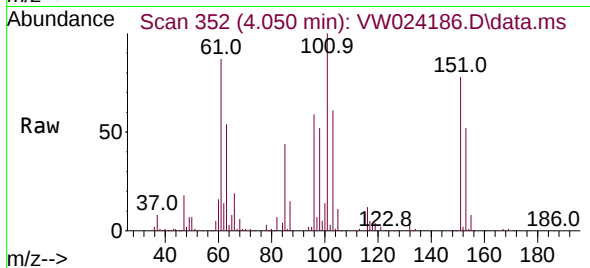




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.813 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW024186.D
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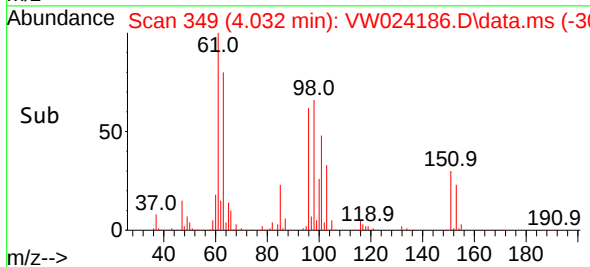
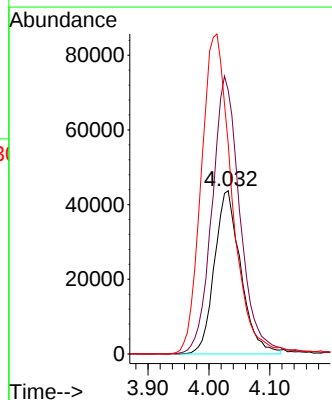
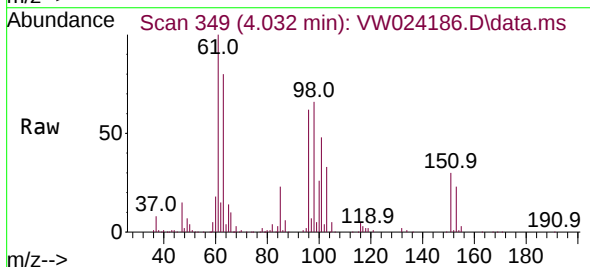
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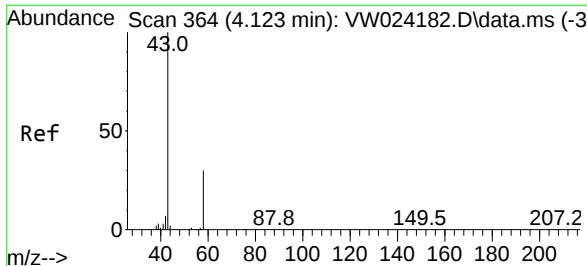
Tgt Ion:101 Resp: 148434
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.9 52.3
 151 73.6 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 19.214 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.000 min
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Tgt Ion: 96 Resp: 131079
 Ion Ratio Lower Upper
 96 100
 61 161.4 123.1 228.5
 63 129.0 84.9 157.7

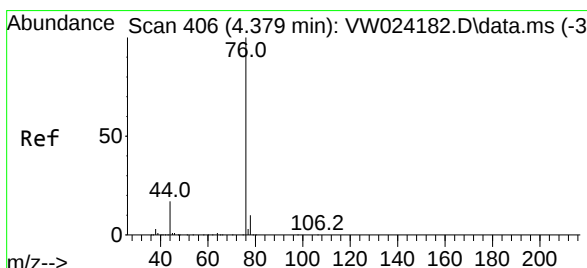
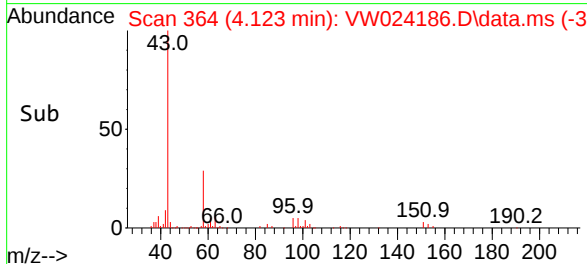
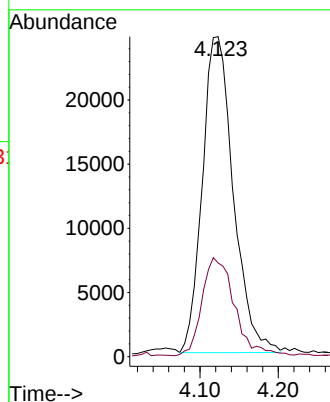
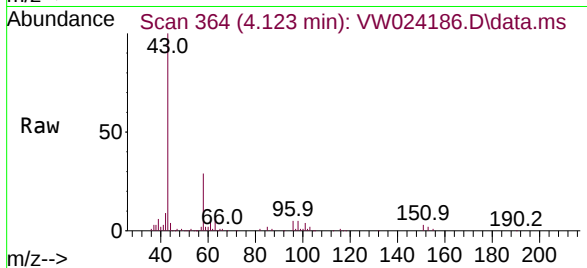




#13
Acetone
Concen: 41.710 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
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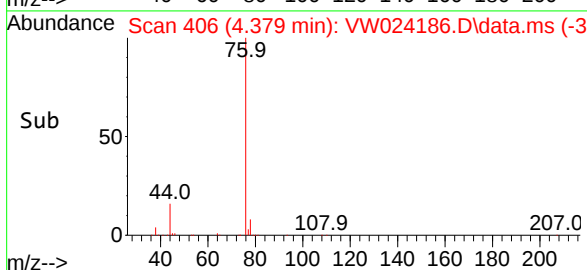
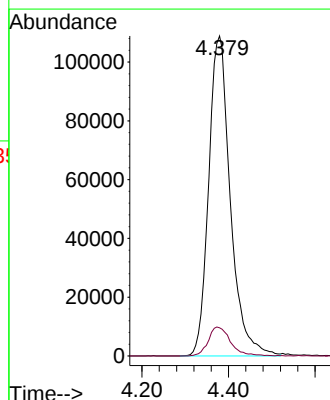
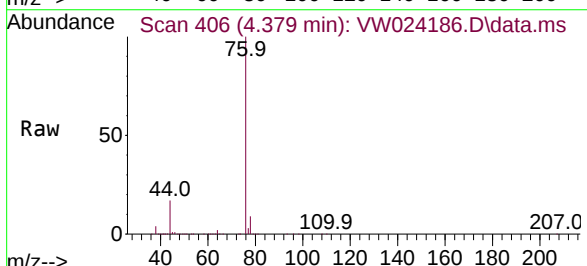
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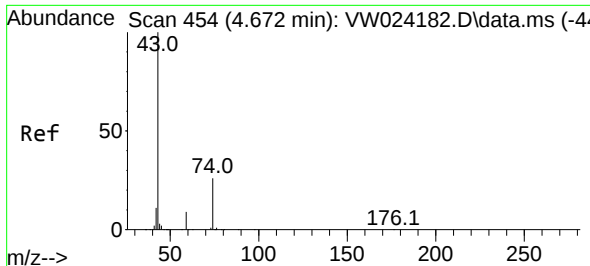
Tgt Ion: 43 Resp: 67766
Ion Ratio Lower Upper
43 100
58 31.0 0.0 31.8



#14
Carbon disulfide
Concen: 17.338 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 378480
Ion Ratio Lower Upper
76 100
78 8.8 7.9 11.9

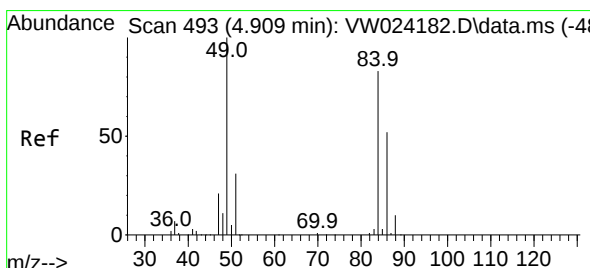
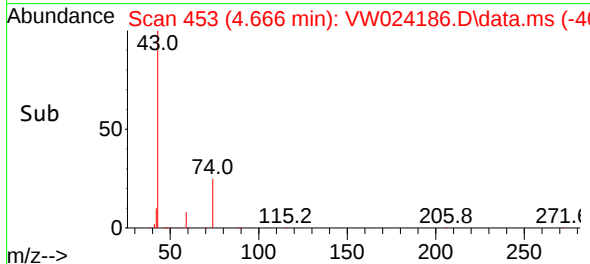
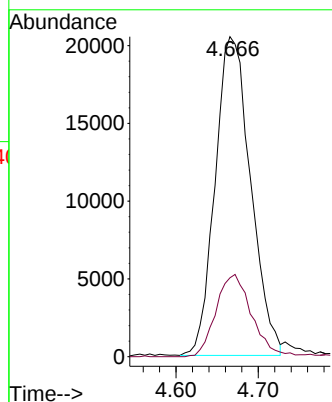
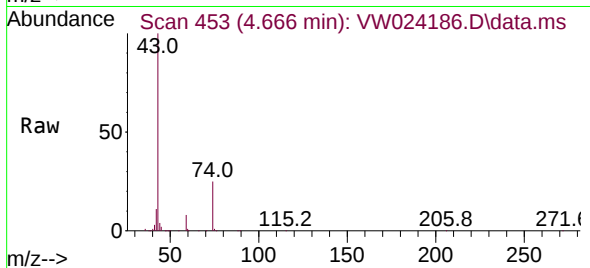




#15
Methyl Acetate
Concen: 16.804 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

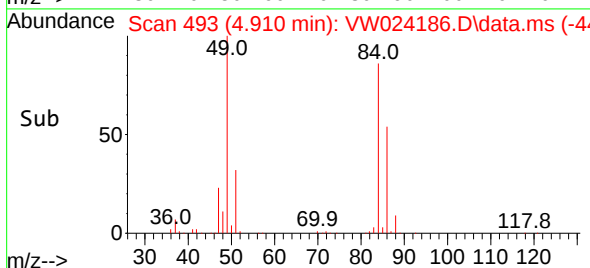
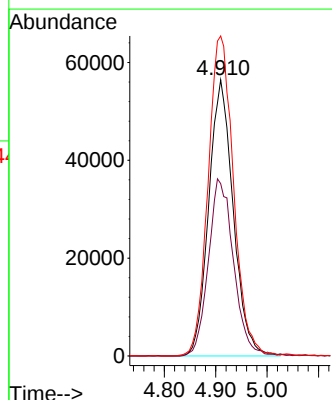
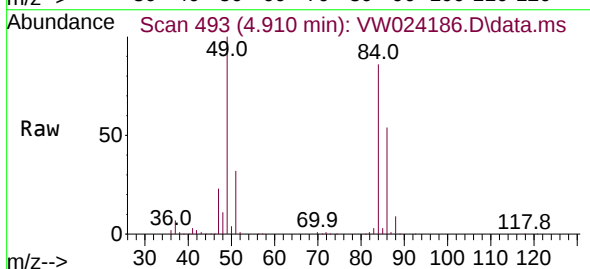
Instrument :
MSVOA_W
ClientSampleId :
EY139MSD

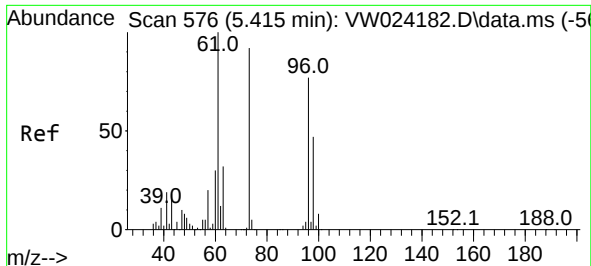
Tgt Ion: 43 Resp: 61492
Ion Ratio Lower Upper
43 100
74 25.8 21.5 32.3



#16
Methylene chloride
Concen: 18.684 ug/L
RT: 4.910 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

Tgt Ion: 84 Resp: 186963
Ion Ratio Lower Upper
84 100
86 62.4 42.8 79.6
49 115.9 85.3 158.3

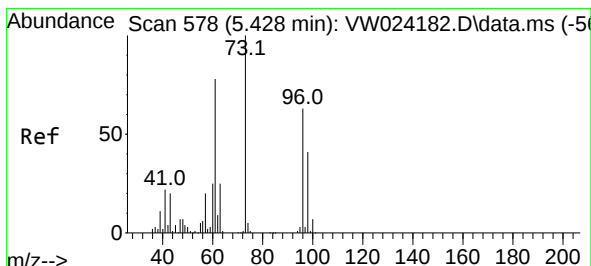
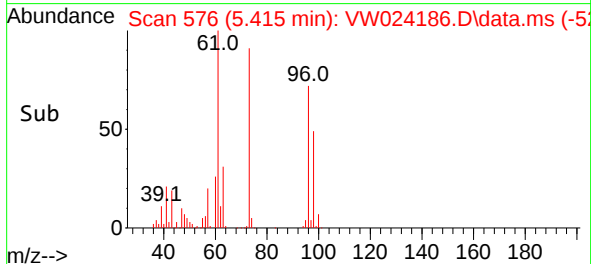
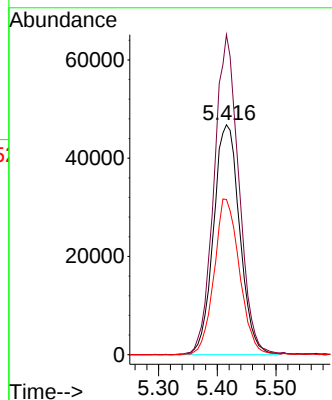
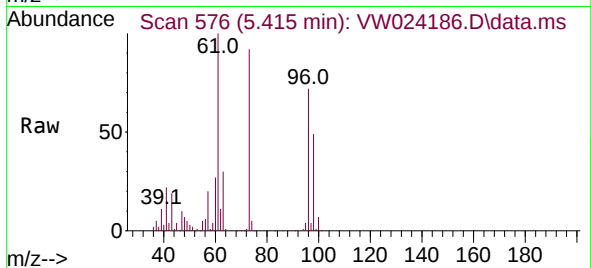




#17
trans-1,2-Dichloroethene
Concen: 18.412 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

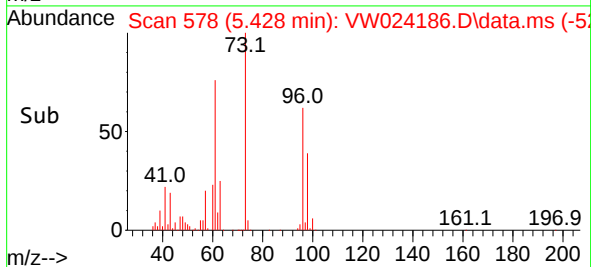
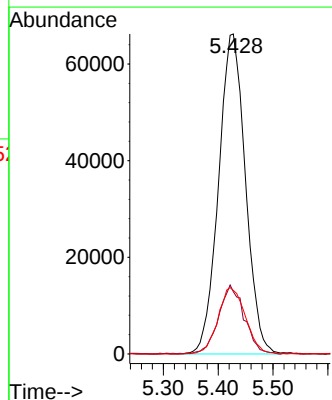
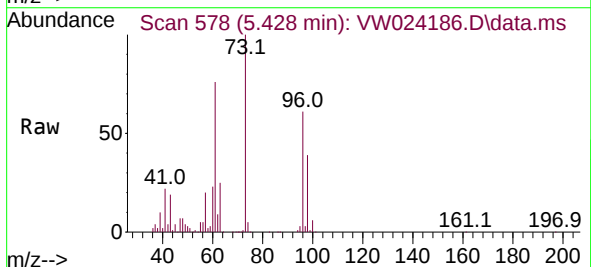
Instrument :
MSVOA_W
ClientSampleId :
EY139MSD

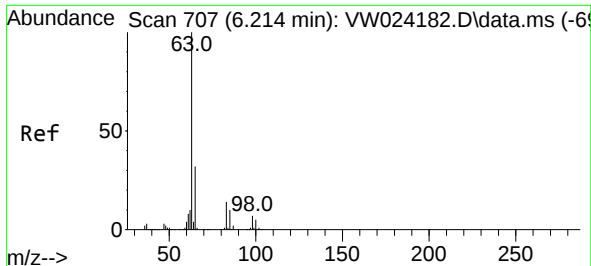
Tgt Ion: 96 Resp: 145053
Ion Ratio Lower Upper
96 100
61 139.2 93.0 172.8
98 67.5 48.5 90.1



#18
Methyl tert-butyl Ether
Concen: 20.060 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

Tgt Ion: 73 Resp: 225359
Ion Ratio Lower Upper
73 100
43 20.5 16.6 24.8
57 21.2 17.6 26.4





#19

1,1-Dichloroethane

Concen: 17.833 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW024186.D

Acq: 05 Aug 2022 11:39

Instrument :

MSVOA_W

ClientSampleId :

EY139MSD

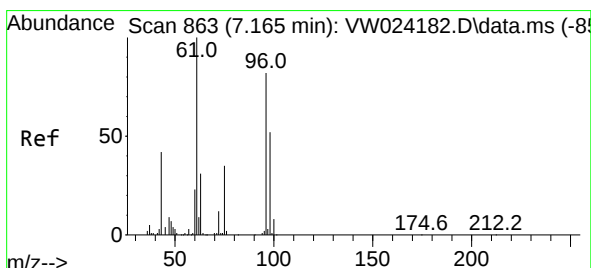
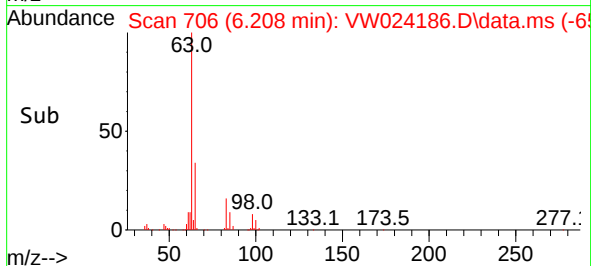
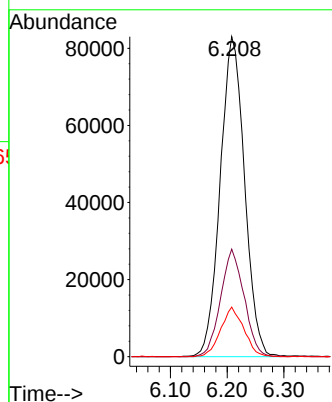
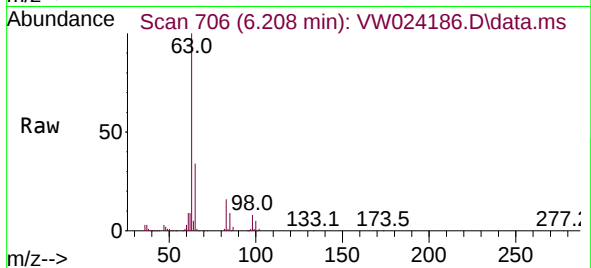
Tgt Ion: 63 Resp: 247487

Ion Ratio Lower Upper

63 100

65 33.6 22.0 41.0

83 15.5 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 18.720 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024186.D

Acq: 05 Aug 2022 11:39

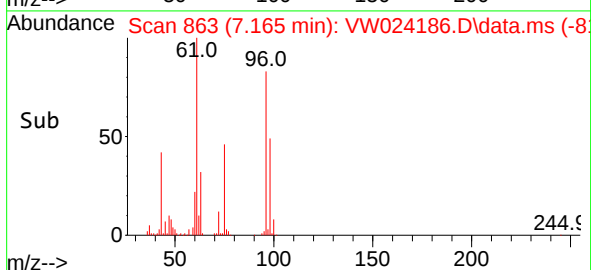
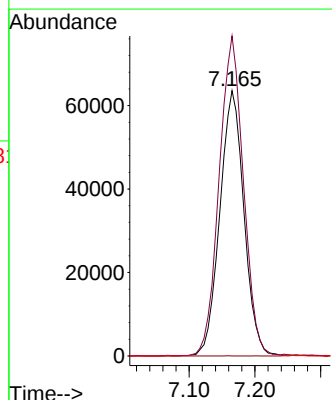
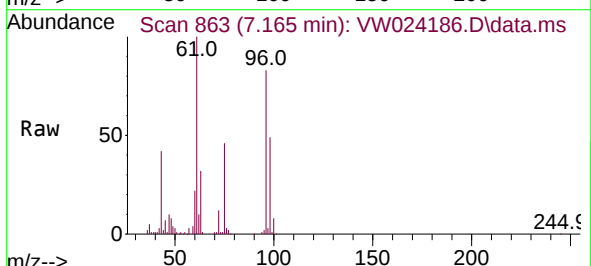
Tgt Ion: 96 Resp: 161968

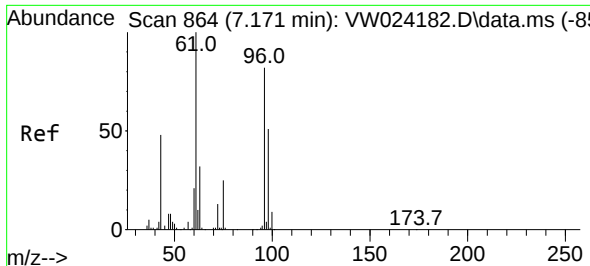
Ion Ratio Lower Upper

96 100

61 120.6 89.5 166.3

68 0.0 0.1 0.1

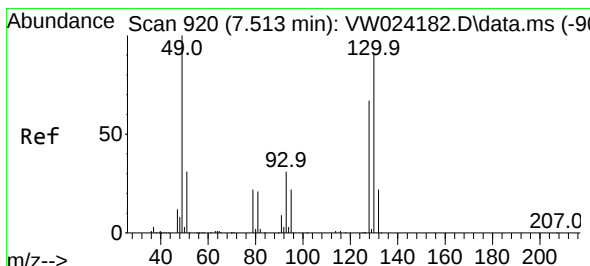
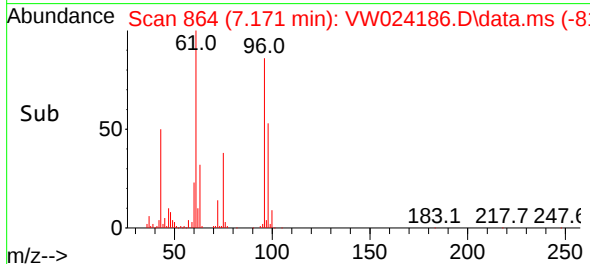
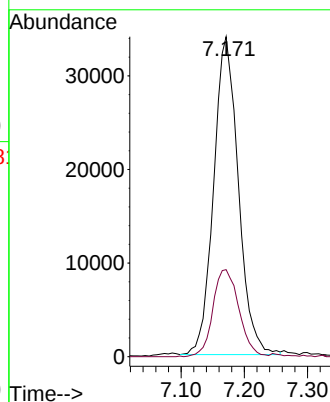
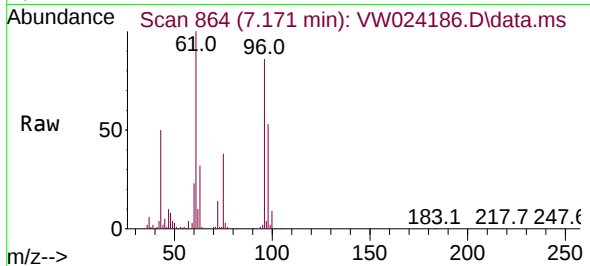




#22
2-Butanone
Concen: 33.562 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

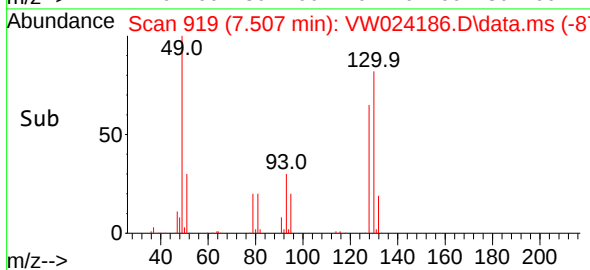
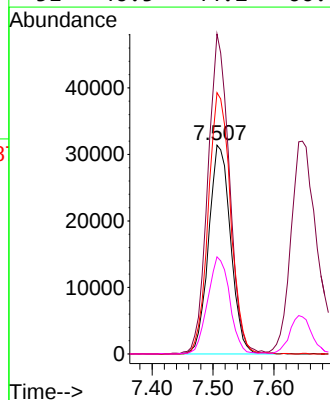
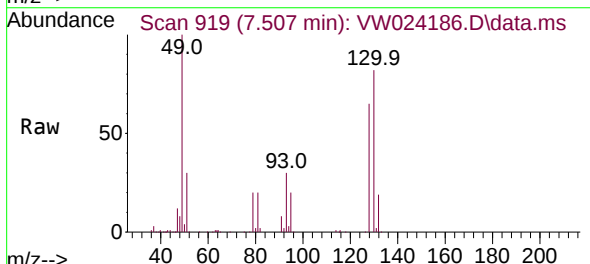
Instrument :
MSVOA_W
ClientSampleId :
EY139MSD

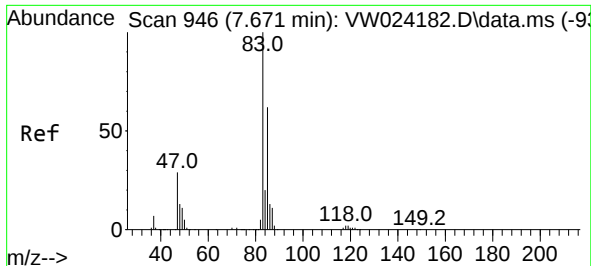
Tgt Ion: 43 Resp: 91882
Ion Ratio Lower Upper
43 100
72 28.8 14.3 42.9



#23
Bromochloromethane
Concen: 18.309 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

Tgt Ion: 128 Resp: 78892
Ion Ratio Lower Upper
128 100
49 153.2 106.6 198.0
130 125.1 88.1 163.5
51 46.5 44.2 66.4

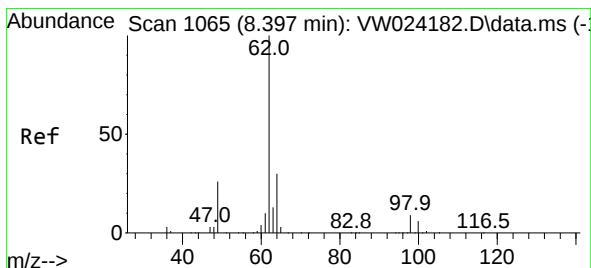
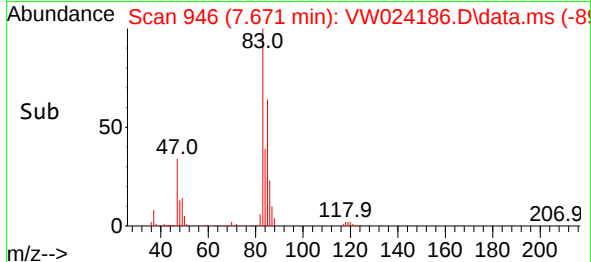
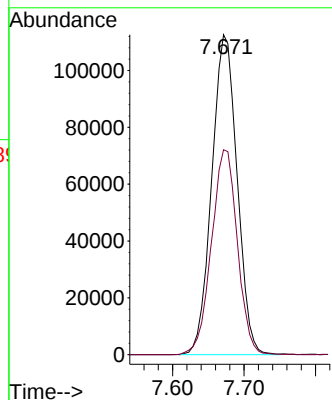
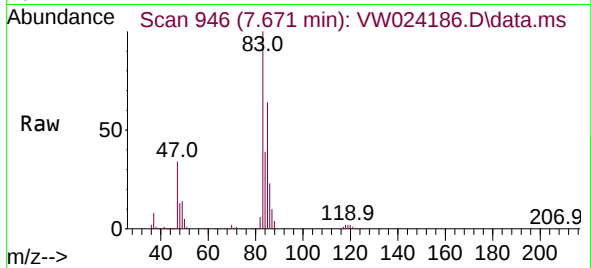




#25
Chloroform
Concen: 18.134 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

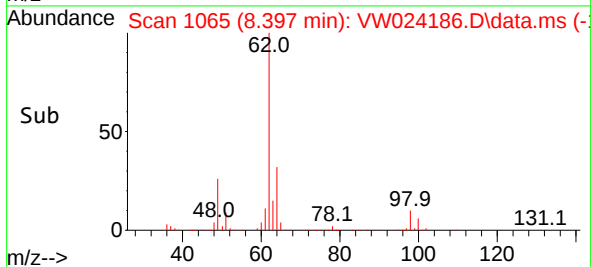
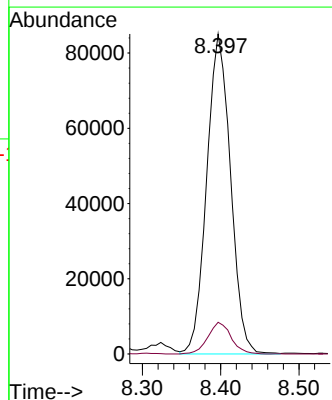
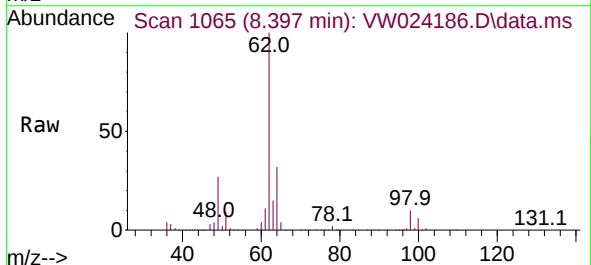
Instrument :
MSVOA_W
ClientSampleId :
EY139MSD

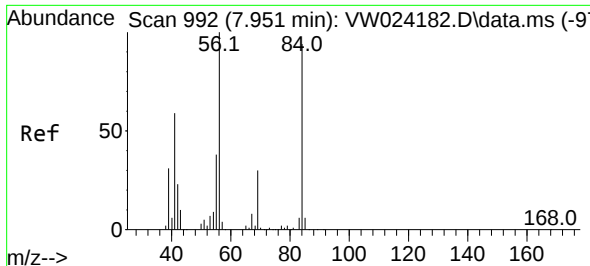
Tgt Ion: 83 Resp: 277314
Ion Ratio Lower Upper
83 100
85 64.0 42.9 79.7



#27
1,2-Dichloroethane
Concen: 17.461 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

Tgt Ion: 62 Resp: 179672
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.0





#29

Cyclohexane

Concen: 20.897 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024186.D

Acq: 05 Aug 2022 11:39

Instrument :

MSVOA_W

ClientSampleId :

EY139MSD

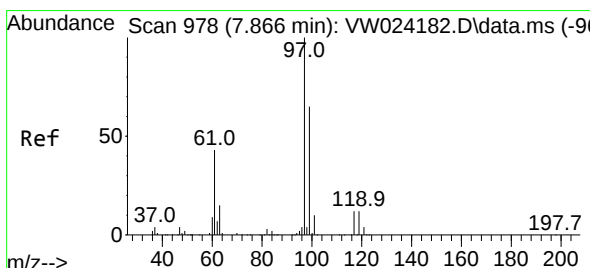
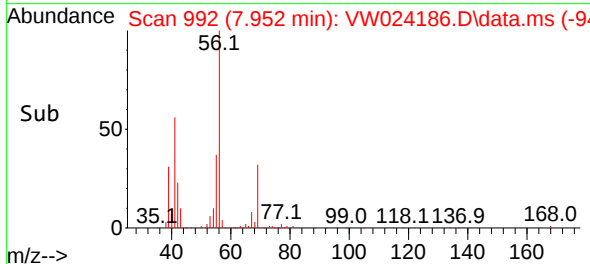
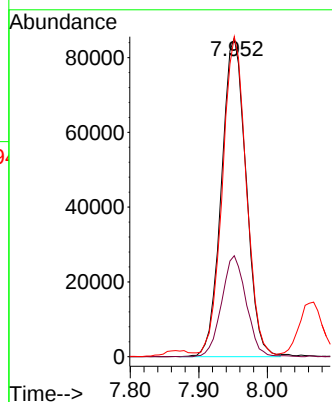
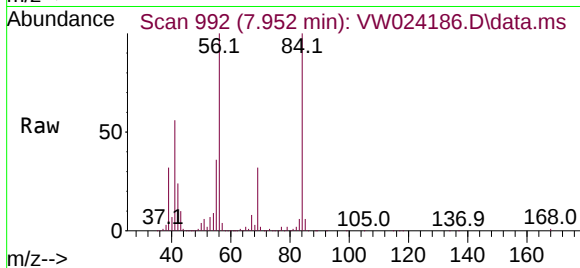
Tgt Ion: 56 Resp: 212191

Ion Ratio Lower Upper

56 100

69 31.5 24.5 36.7

84 97.6 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 20.624 ug/L

RT: 7.866 min Scan# 978

Delta R.T. 0.000 min

Lab File: VW024186.D

Acq: 05 Aug 2022 11:39

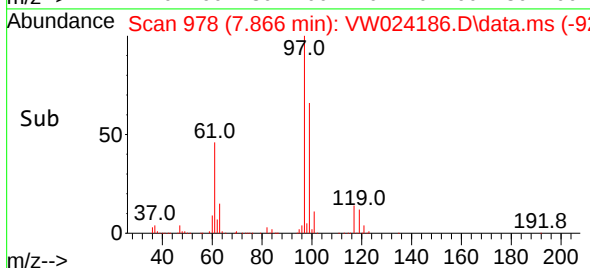
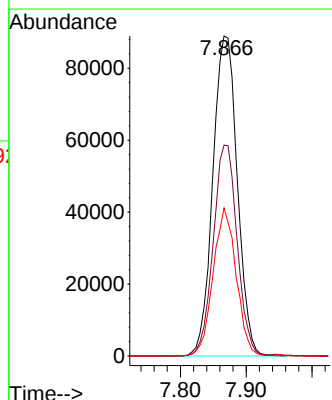
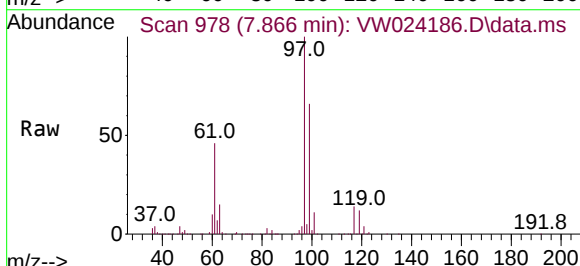
Tgt Ion: 97 Resp: 230363

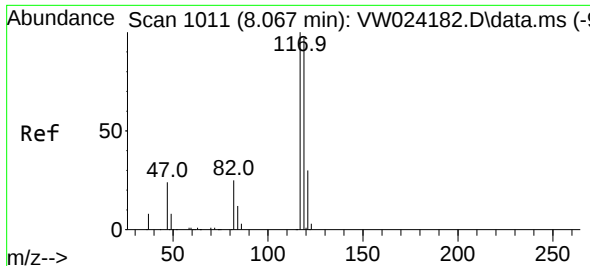
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.6

61 43.4 36.2 54.2

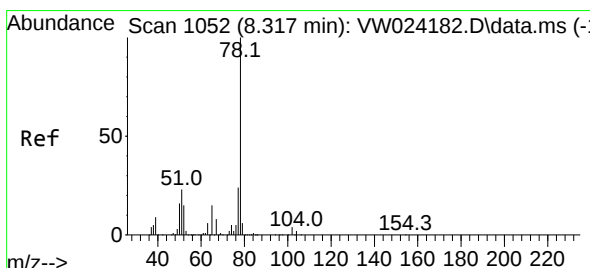
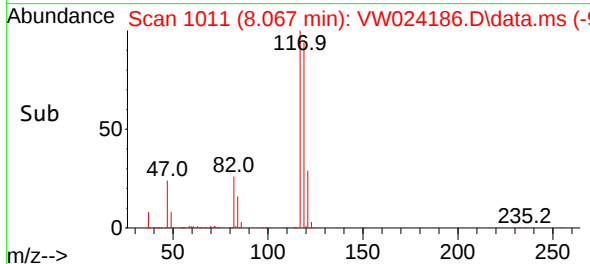
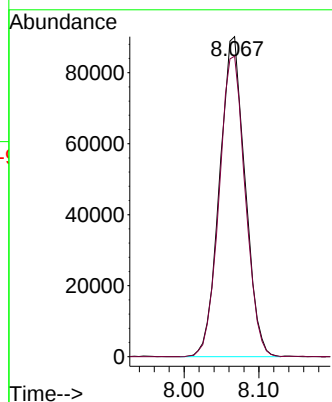
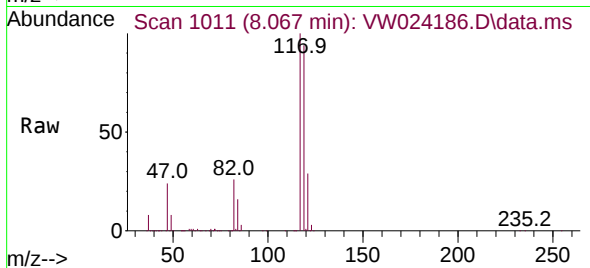




#31
Carbon tetrachloride
Concen: 20.313 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

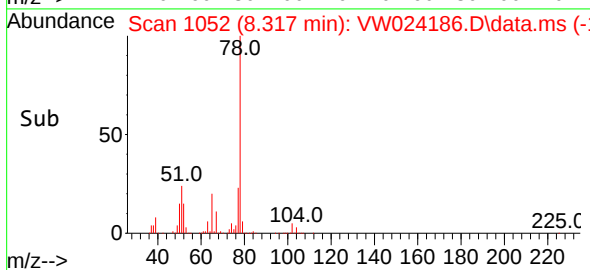
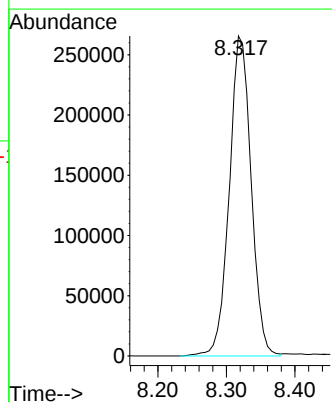
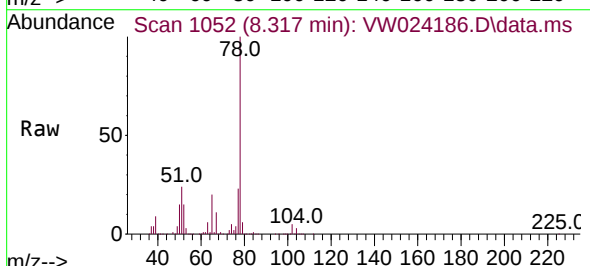
Instrument :
MSVOA_W
ClientSampleId :
EY139MSD

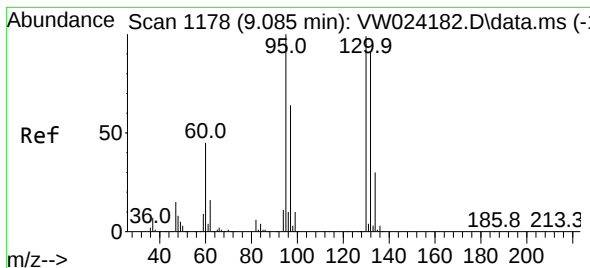
Tgt Ion:117 Resp: 214043
Ion Ratio Lower Upper
117 100
119 95.8 77.8 116.8



#33
Benzene
Concen: 20.153 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

Tgt Ion: 78 Resp: 589533





#34

Trichloroethene

Concen: 19.862 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VW024186.D

Acq: 05 Aug 2022 11:39

Instrument :

MSVOA_W

ClientSampleId :

EY139MSD

Tgt Ion: 95 Resp: 153574

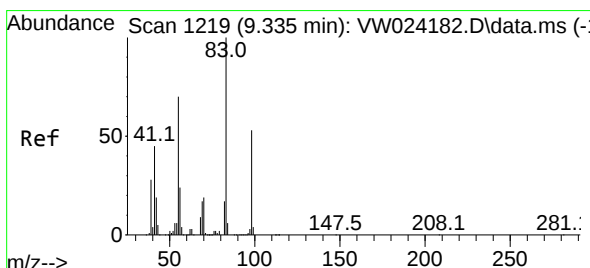
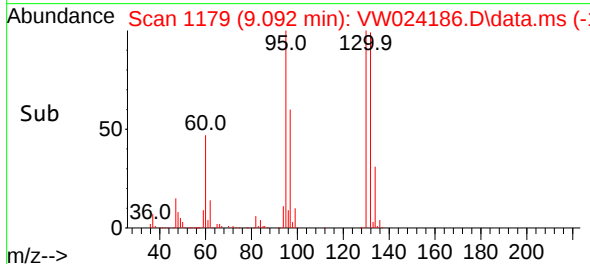
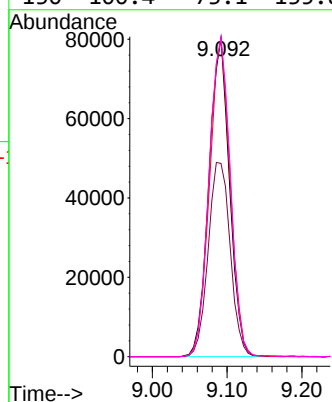
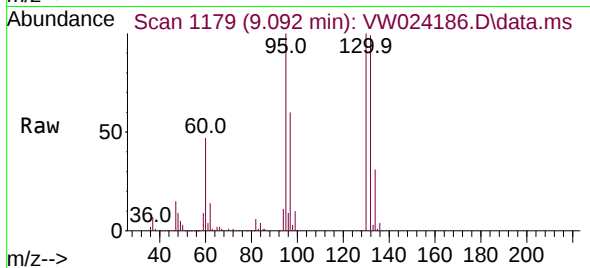
Ion Ratio Lower Upper

95 100

97 60.6 41.6 77.2

132 99.6 67.0 124.4

130 100.4 73.1 135.8



#35

Methylcyclohexane

Concen: 19.657 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW024186.D

Acq: 05 Aug 2022 11:39

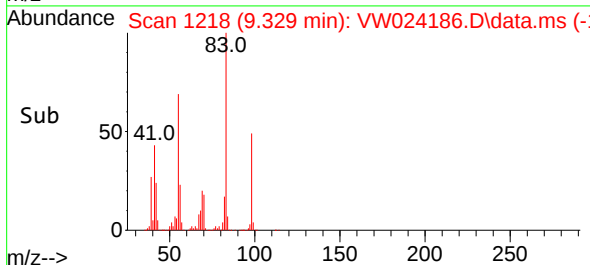
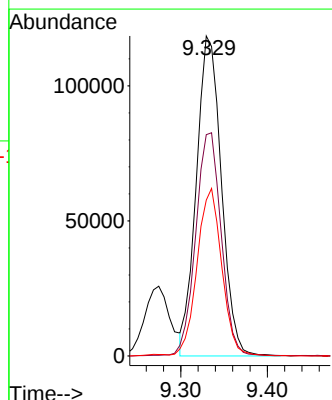
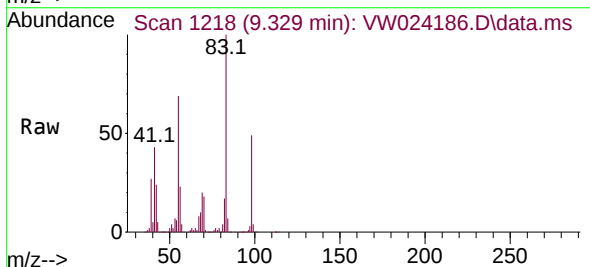
Tgt Ion: 83 Resp: 238343

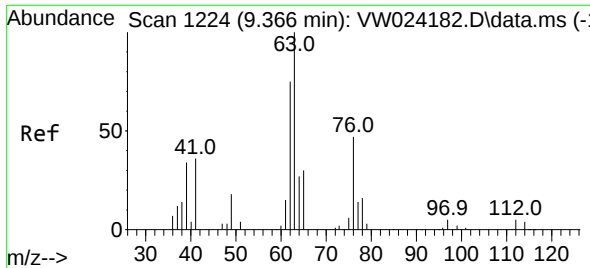
Ion Ratio Lower Upper

83 100

55 70.5 59.1 88.7

98 51.5 40.8 61.2





#37

1,2-Dichloropropane

Concen: 19.581 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024186.D

Acq: 05 Aug 2022 11:39

Instrument :

MSVOA_W

ClientSampleId :

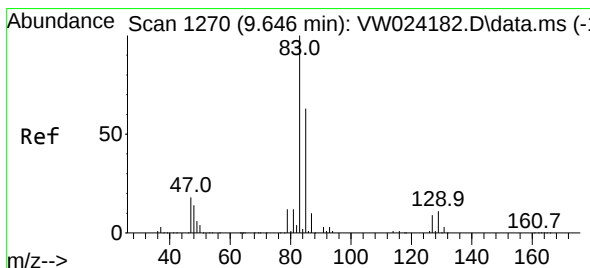
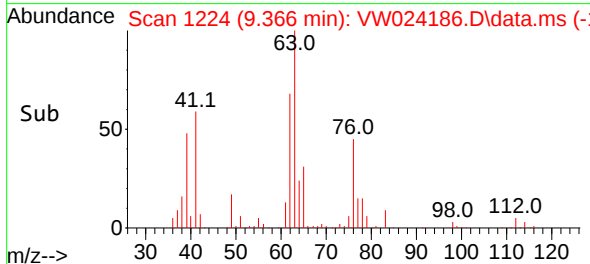
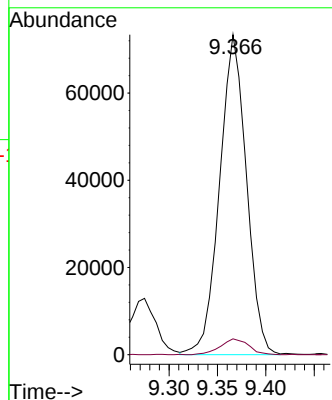
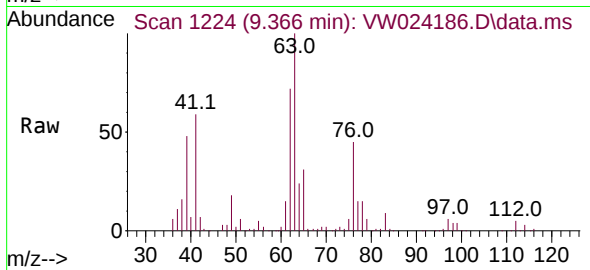
EY139MSD

Tgt Ion: 63 Resp: 141592

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.6



#38

Bromodichloromethane

Concen: 19.486 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024186.D

Acq: 05 Aug 2022 11:39

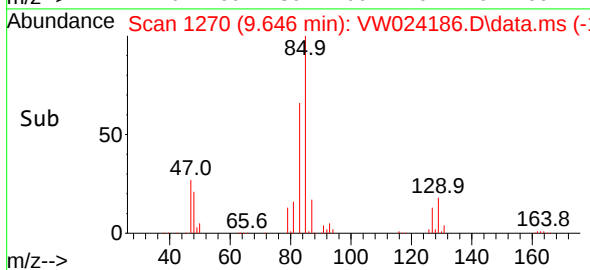
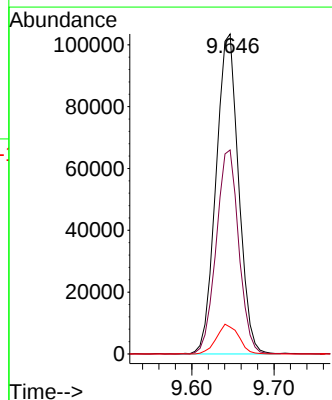
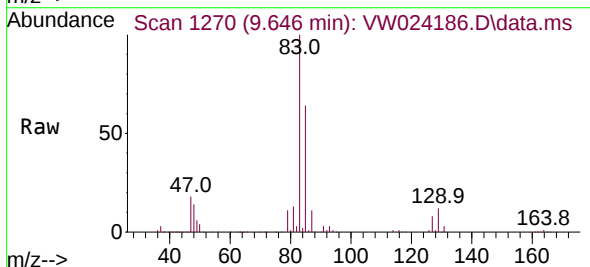
Tgt Ion: 83 Resp: 197627

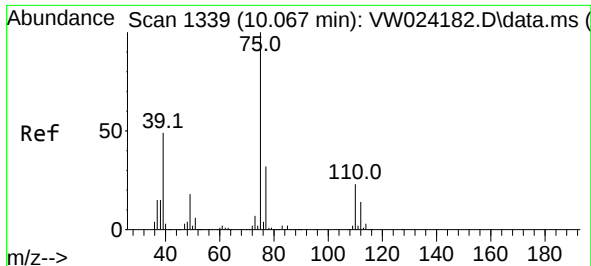
Ion Ratio Lower Upper

83 100

85 63.8 43.7 81.1

127 8.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 21.677 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.006 min

Lab File: VW024186.D

Acq: 05 Aug 2022 11:39

Instrument :

MSVOA_W

ClientSampleId :

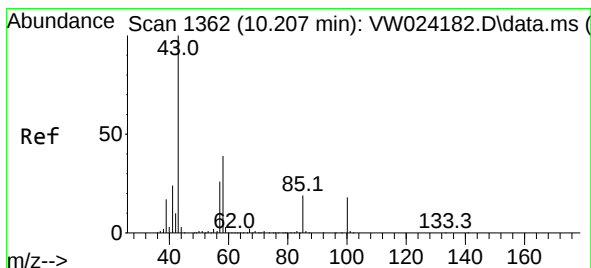
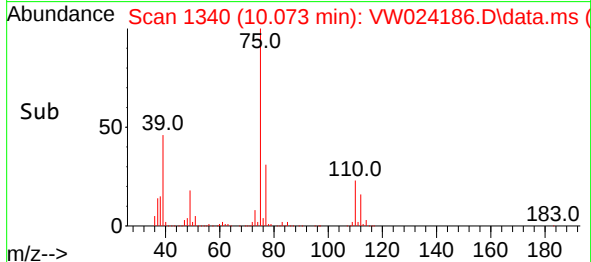
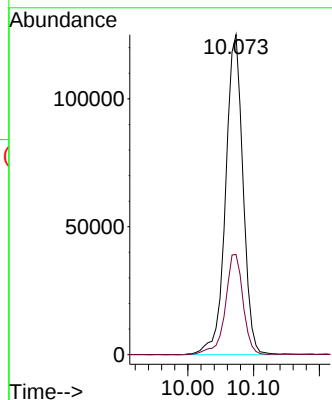
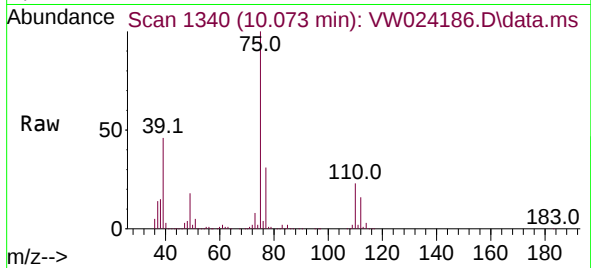
EY139MSD

Tgt Ion: 75 Resp: 230606

Ion Ratio Lower Upper

75 100

77 31.3 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 41.663 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024186.D

Acq: 05 Aug 2022 11:39

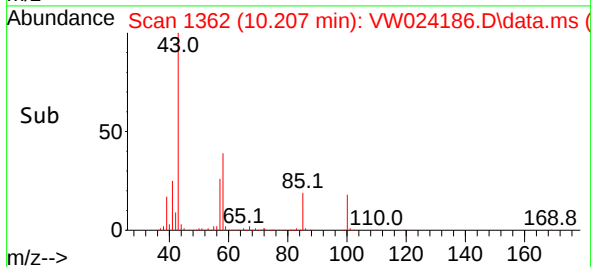
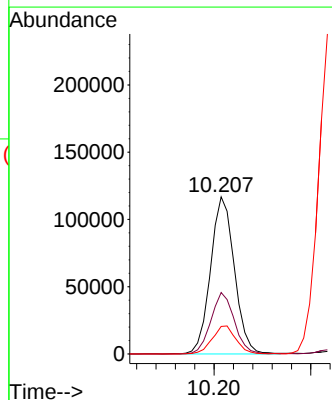
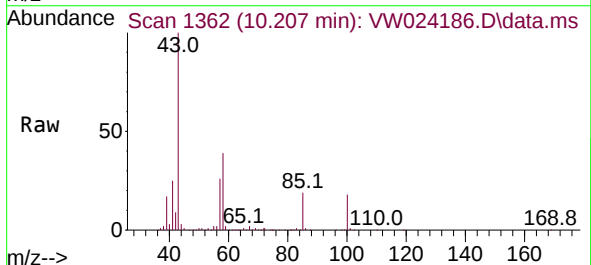
Tgt Ion: 43 Resp: 199949

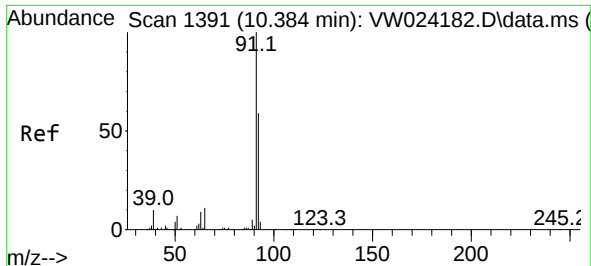
Ion Ratio Lower Upper

43 100

58 38.4 30.5 45.7

100 17.8 13.8 20.6

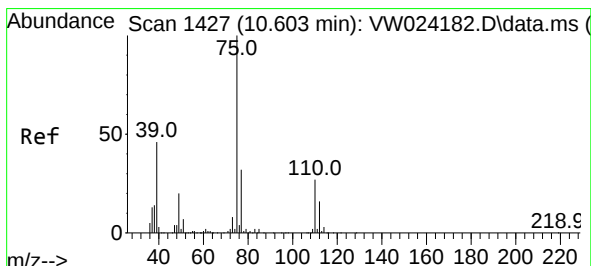
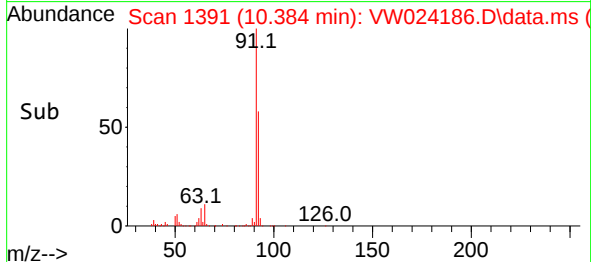
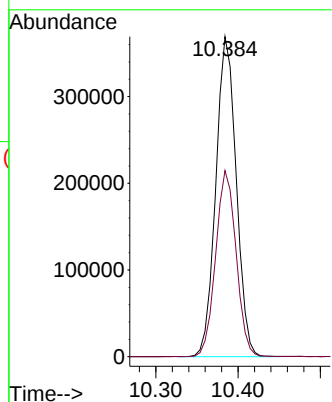
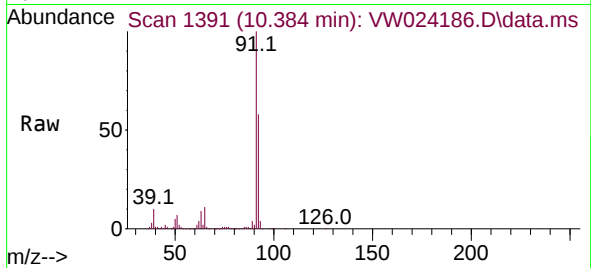




#42
Toluene
Concen: 20.493 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

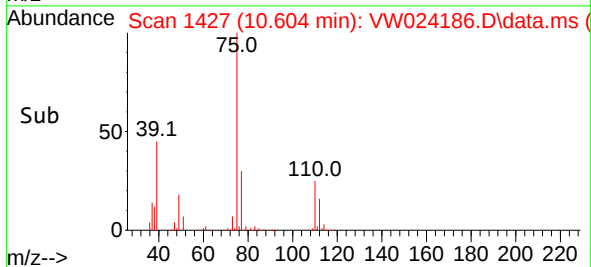
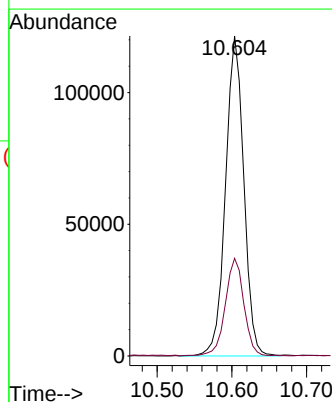
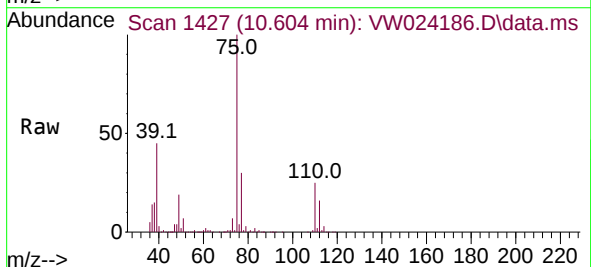
Instrument :
MSVOA_W
ClientSampleId :
EY139MSD

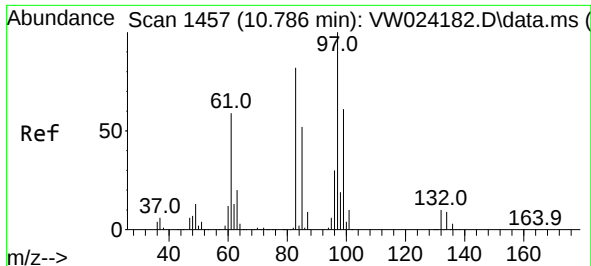
Tgt Ion: 91 Resp: 637026
Ion Ratio Lower Upper
91 100
92 58.2 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 21.218 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

Tgt Ion: 75 Resp: 206252
Ion Ratio Lower Upper
75 100
77 30.5 22.4 41.6



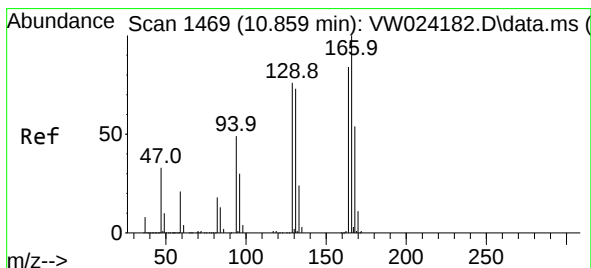
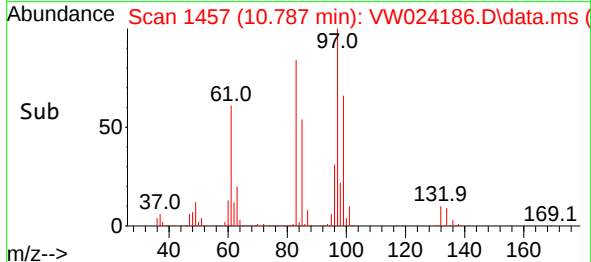
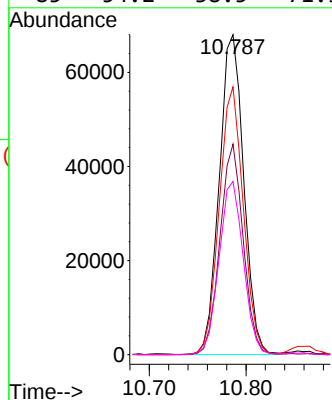
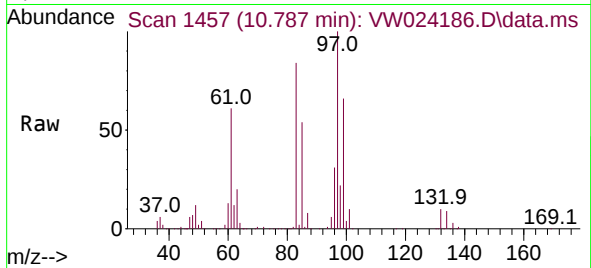


#45
1,1,2-Trichloroethane
Concen: 19.545 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

Instrument :
MSVOA_W
ClientSampleId :
EY139MSD

Tgt Ion: 97 Resp: 119125

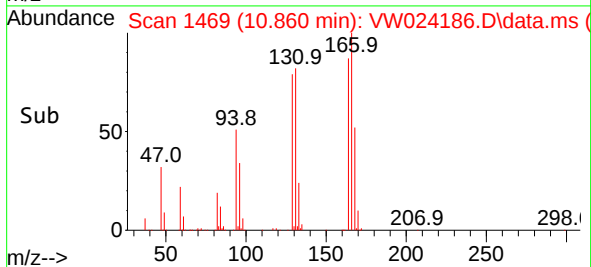
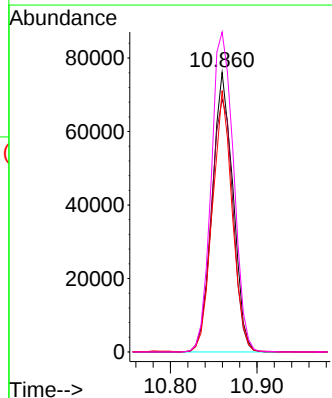
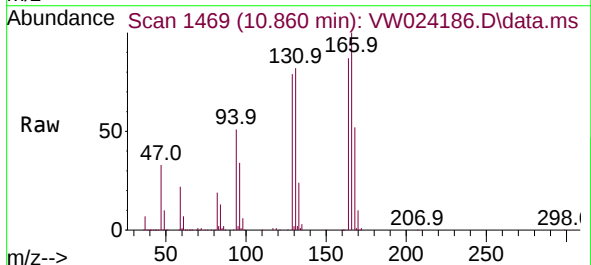
Ion	Ratio	Lower	Upper
97	100		
99	65.8	43.8	81.3
83	83.7	56.4	104.7
85	54.2	38.5	71.5

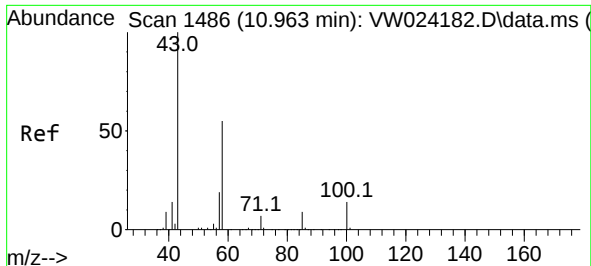


#46
Tetrachloroethene
Concen: 20.243 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

Tgt Ion:164 Resp: 126710

Ion	Ratio	Lower	Upper
164	100		
129	90.4	63.1	117.3
131	93.5	63.9	118.7
166	114.5	86.8	161.2

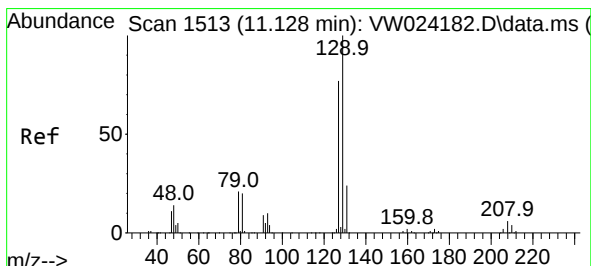
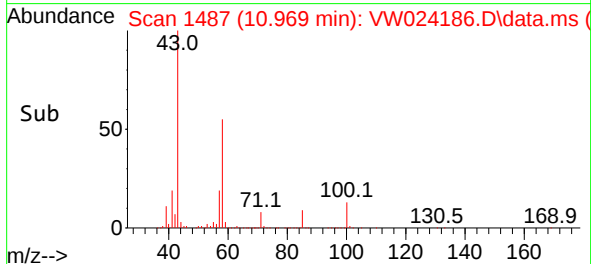
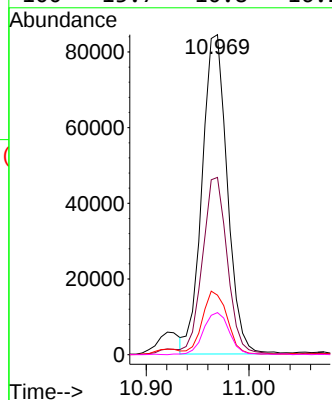
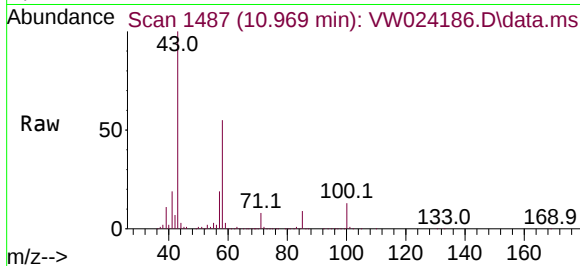




#48
2-Hexanone
Concen: 44.171 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

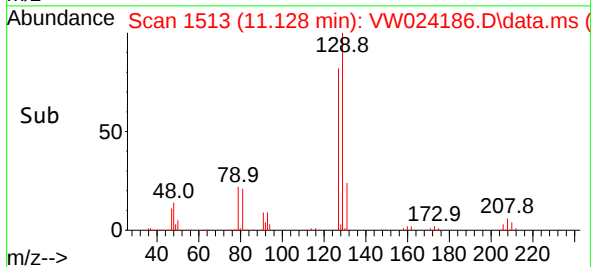
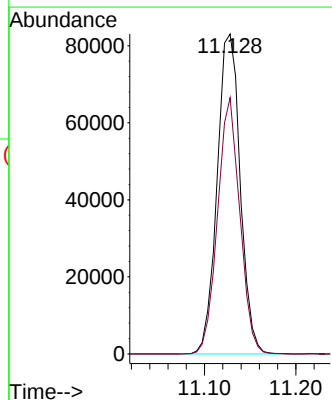
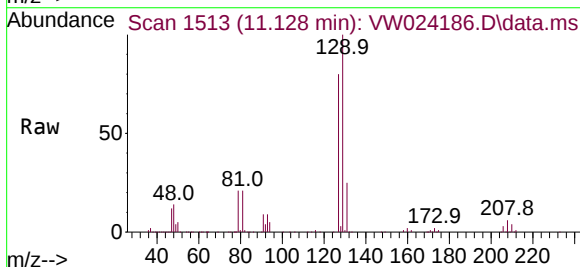
Instrument :
MSVOA_W
ClientSampleId :
EY139MSD

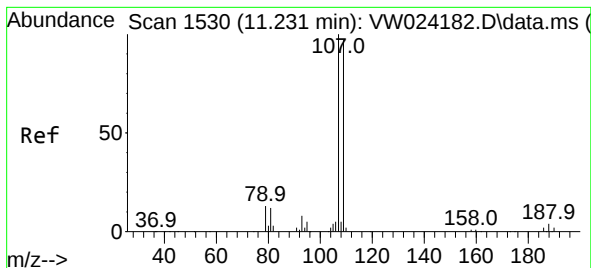
Tgt Ion: 43 Resp: 143862
Ion Ratio Lower Upper
43 100
58 54.9 43.4 65.0
57 19.8 15.0 22.4
100 13.7 10.8 16.2



#49
Dibromochloromethane
Concen: 19.889 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

Tgt Ion:129 Resp: 145931
Ion Ratio Lower Upper
129 100
127 80.1 52.3 97.1





#50

1,2-Dibromoethane

Concen: 19.673 ug/L

RT: 11.232 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024186.D

Acq: 05 Aug 2022 11:39

Instrument :

MSVOA_W

ClientSampleId :

EY139MSD

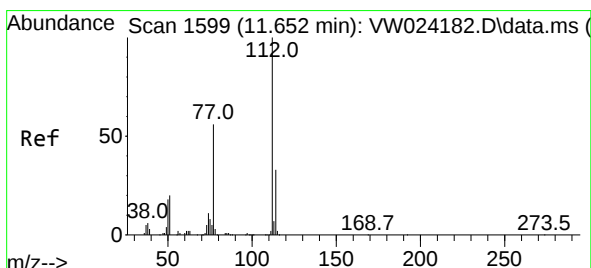
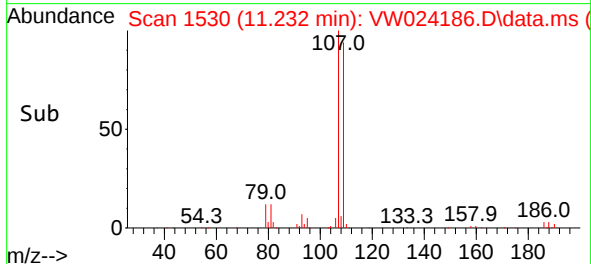
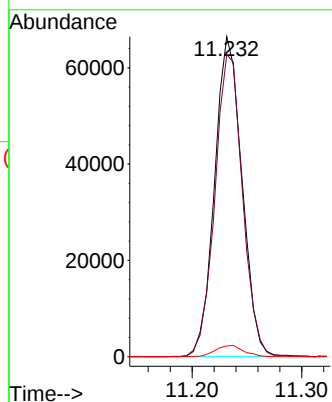
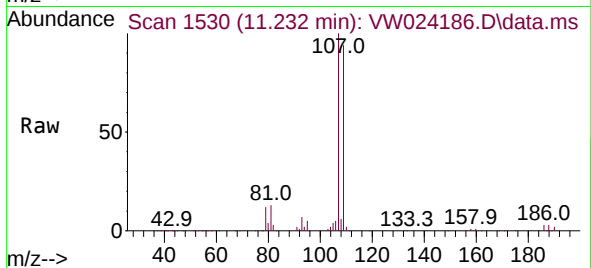
Tgt Ion:107 Resp: 114880

Ion Ratio Lower Upper

107 100

109 94.4 64.0 119.0

188 3.3 3.1 4.7



#51

Chlorobenzene

Concen: 18.727 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW024186.D

Acq: 05 Aug 2022 11:39

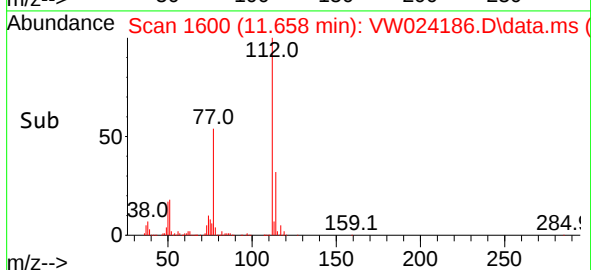
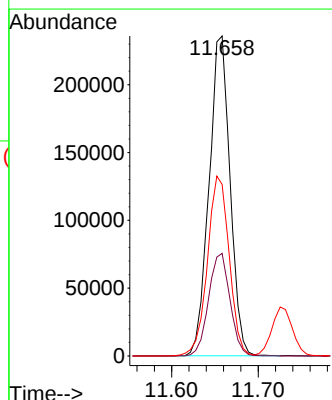
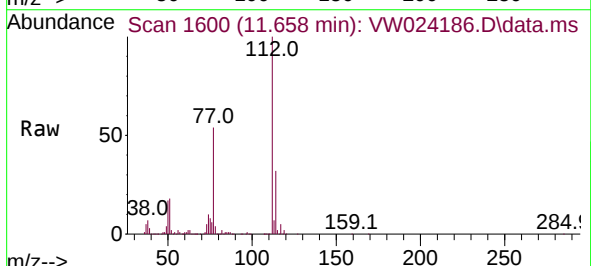
Tgt Ion:112 Resp: 397736

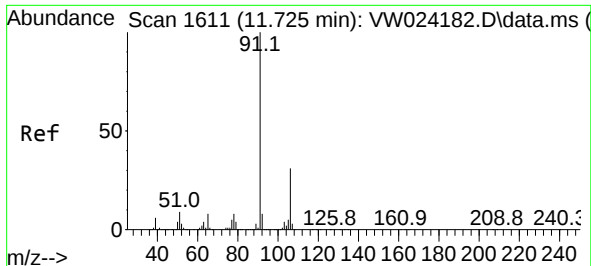
Ion Ratio Lower Upper

112 100

114 32.0 20.7 38.5

77 53.6 41.4 62.2

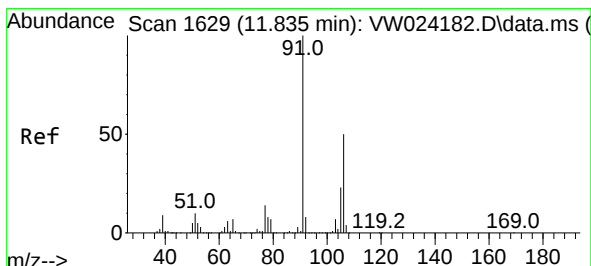
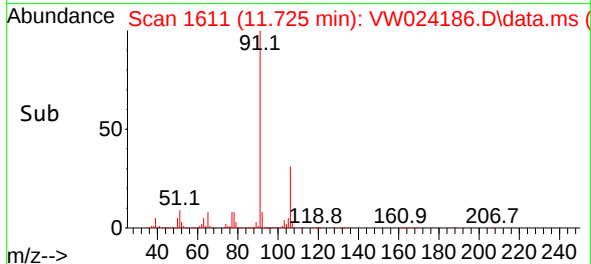
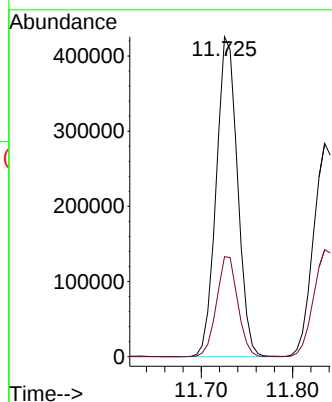
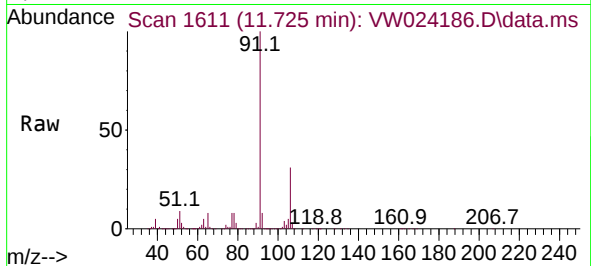




#52
Ethylbenzene
Concen: 20.219 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

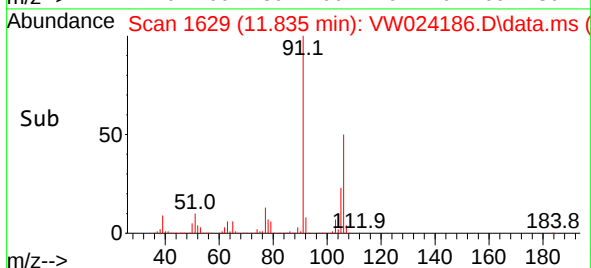
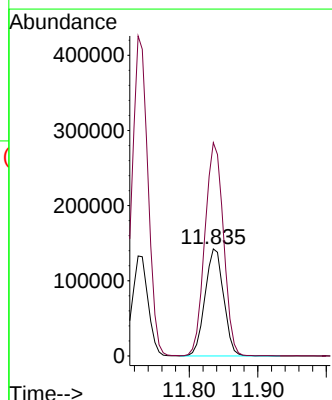
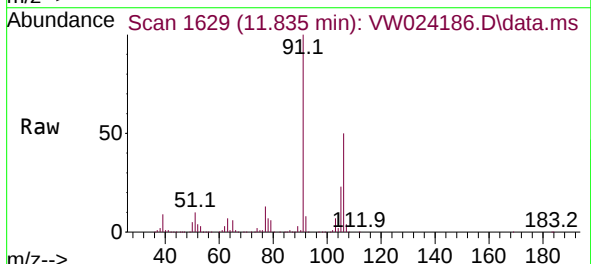
Instrument :
MSVOA_W
ClientSampleId :
EY139MSD

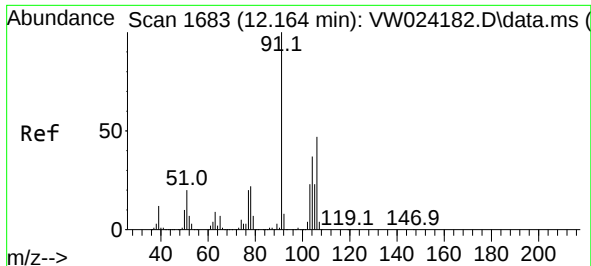
Tgt Ion: 91 Resp: 688605
Ion Ratio Lower Upper
91 100
106 31.2 21.9 40.7



#53
m,p-Xylene
Concen: 20.314 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

Tgt Ion: 106 Resp: 269310
Ion Ratio Lower Upper
106 100
91 199.3 144.1 267.7

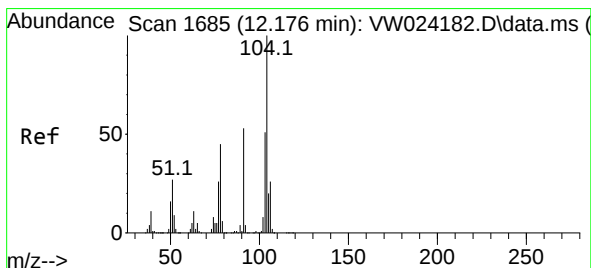
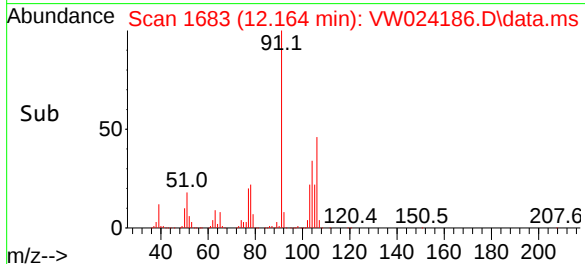
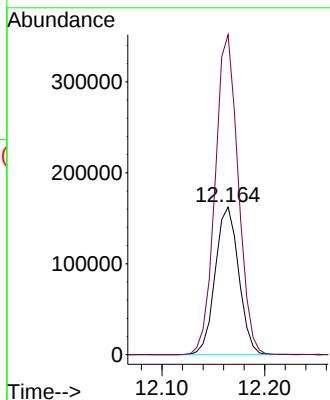
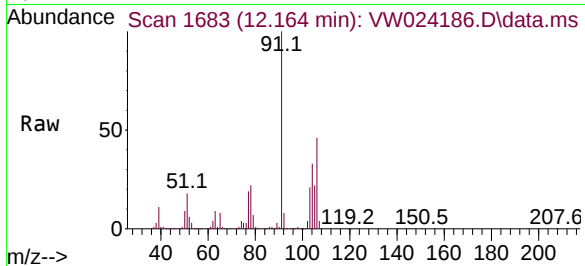




#54
o-Xylene
Concen: 20.562 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

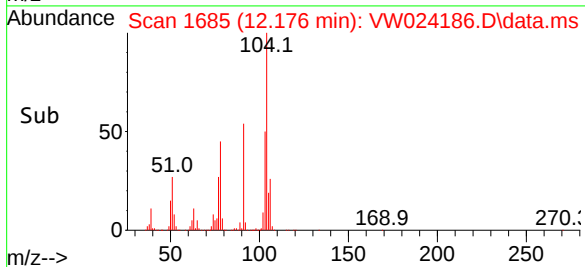
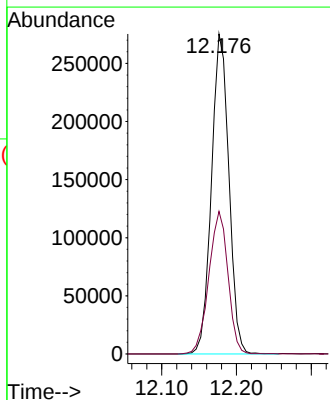
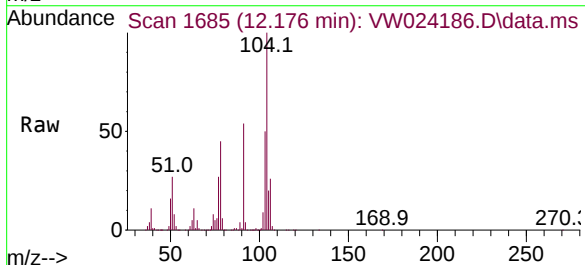
Instrument :
MSVOA_W
ClientSampleId :
EY139MSD

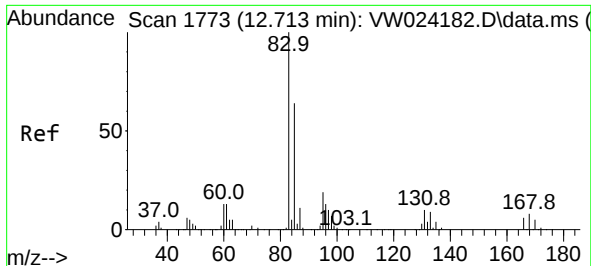
Tgt Ion:106 Resp: 257534
Ion Ratio Lower Upper
106 100
91 216.7 150.9 280.3



#55
Styrene
Concen: 20.473 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

Tgt Ion:104 Resp: 445963
Ion Ratio Lower Upper
104 100
78 44.6 31.1 57.7





#57

1,1,2-Tetrachloroethane

Concen: 18.591 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024186.D

Acq: 05 Aug 2022 11:39

Instrument :

MSVOA_W

ClientSampleId :

EY139MSD

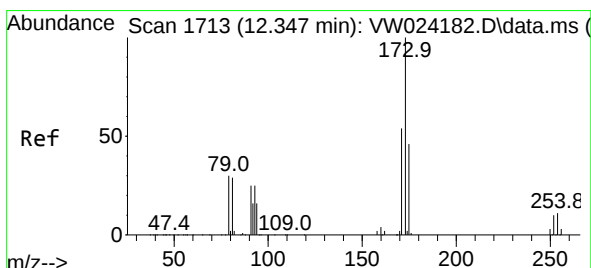
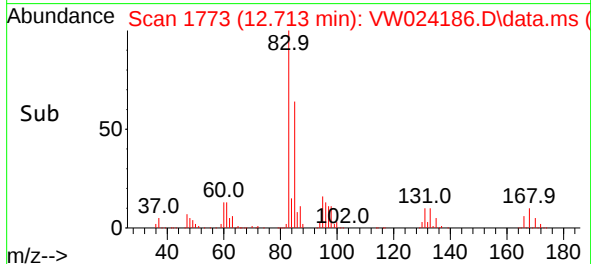
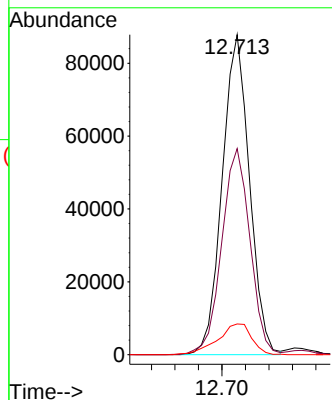
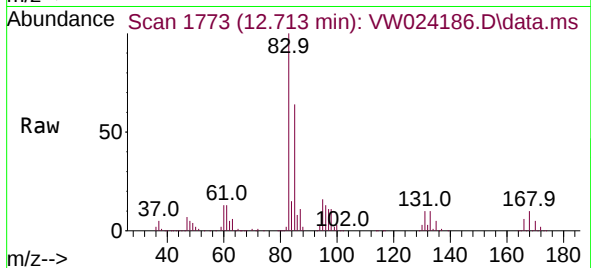
Tgt Ion: 83 Resp: 141606

Ion Ratio Lower Upper

83 100

85 64.4 44.1 81.9

131 9.6 8.3 12.5



#59

Bromoform

Concen: 22.054 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024186.D

Acq: 05 Aug 2022 11:39

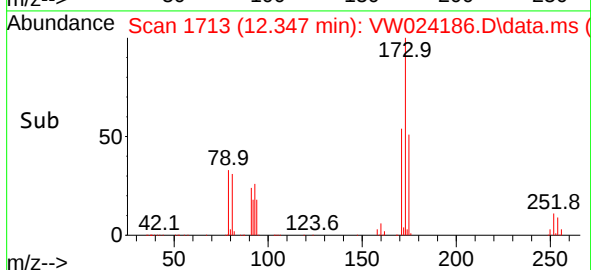
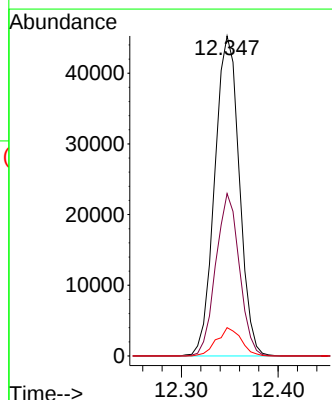
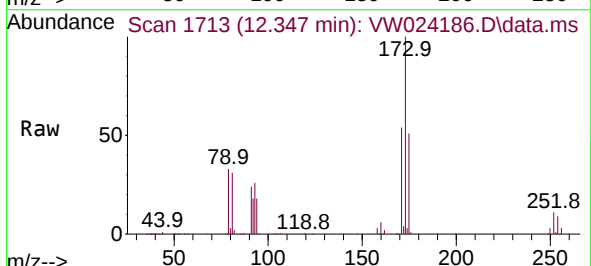
Tgt Ion: 173 Resp: 79986

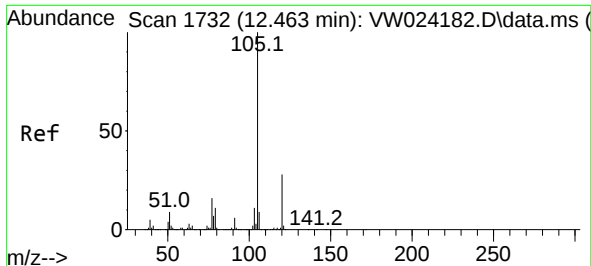
Ion Ratio Lower Upper

173 100

175 48.6 39.0 58.6

254 8.8 6.8 10.2

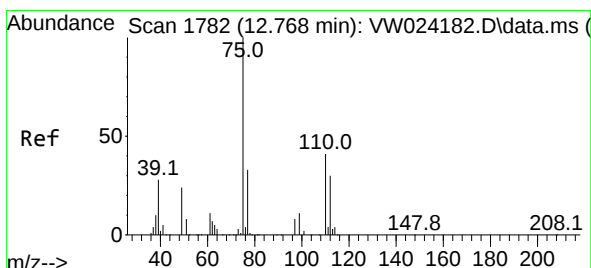
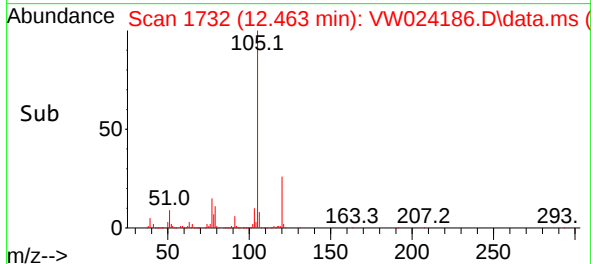
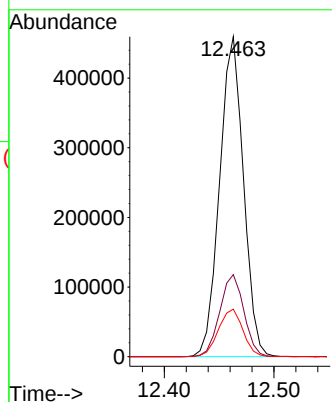
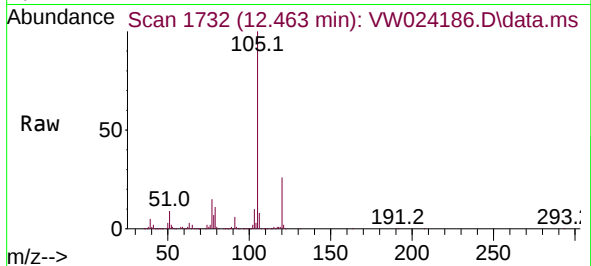




#60
Isopropylbenzene
Concen: 24.134 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

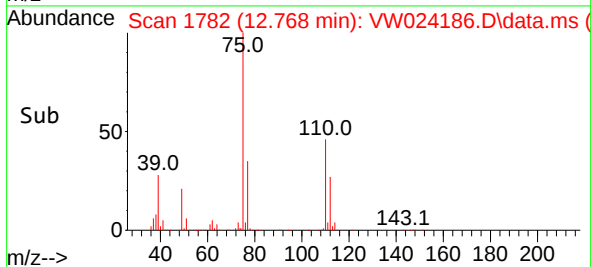
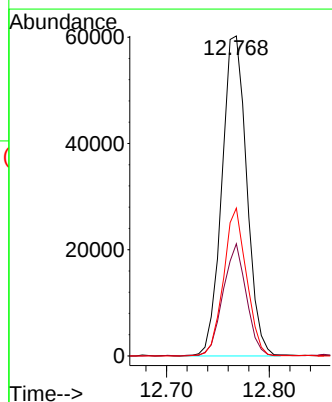
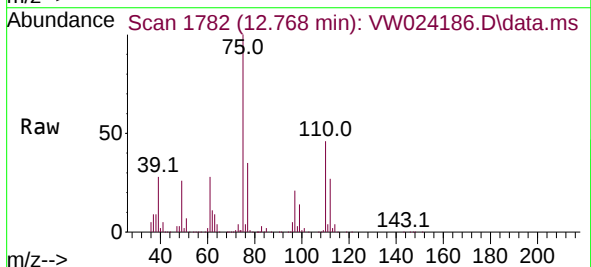
Instrument :
MSVOA_W
ClientSampleId :
EY139MSD

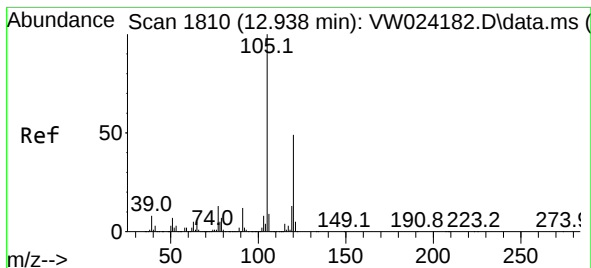
Tgt Ion:105 Resp: 694687
Ion Ratio Lower Upper
105 100
120 26.0 21.4 32.2
77 15.3 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 21.383 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

Tgt Ion: 75 Resp: 101184
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.4
110 42.6 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 23.567 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024186.D

Acq: 05 Aug 2022 11:39

Instrument :

MSVOA_W

ClientSampleId :

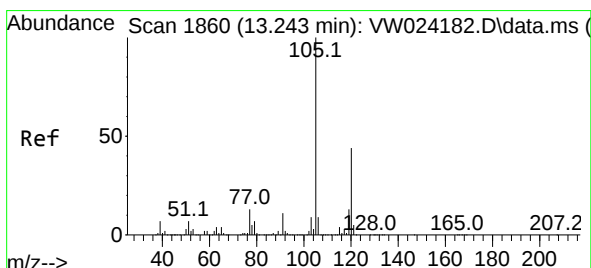
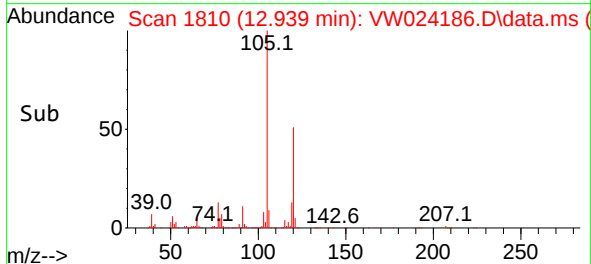
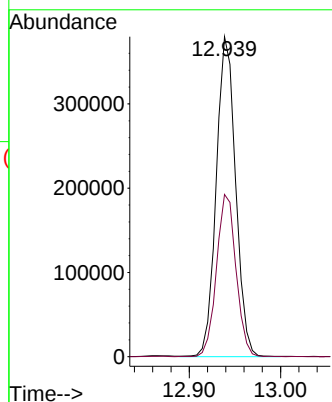
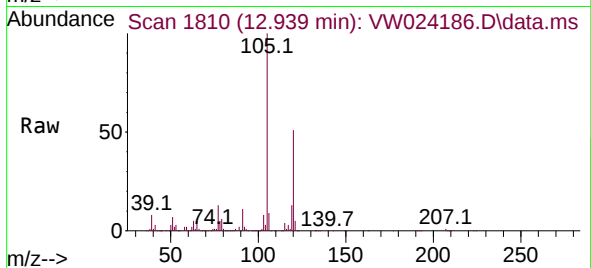
EY139MSD

Tgt Ion:105 Resp: 560582

Ion Ratio Lower Upper

105 100

120 51.0 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 22.590 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VW024186.D

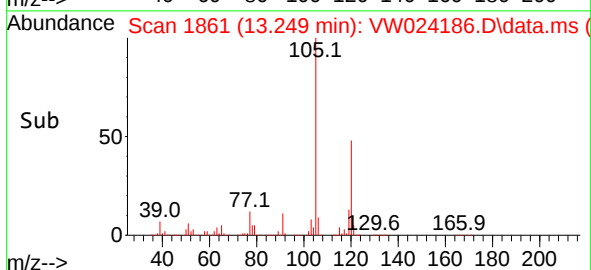
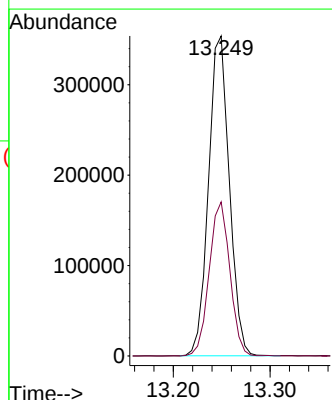
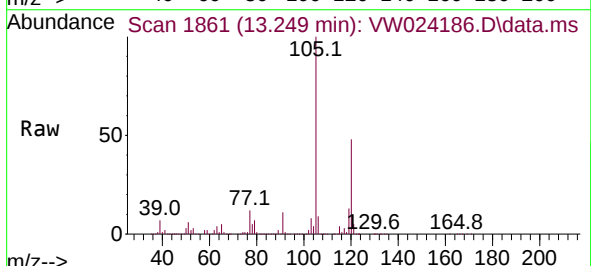
Acq: 05 Aug 2022 11:39

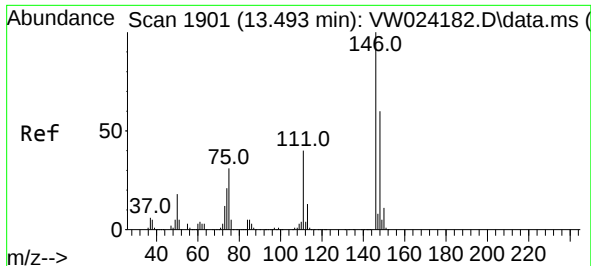
Tgt Ion:105 Resp: 529198

Ion Ratio Lower Upper

105 100

120 47.7 36.4 54.6

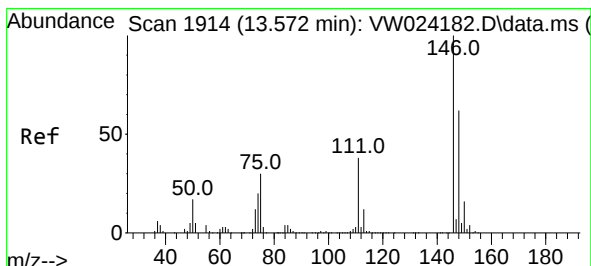
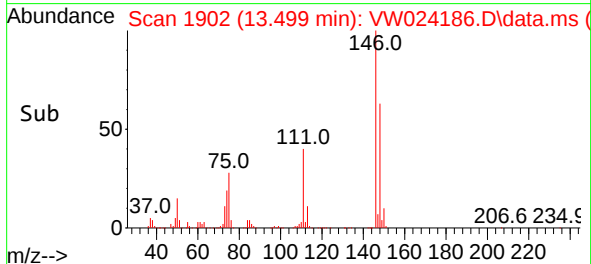
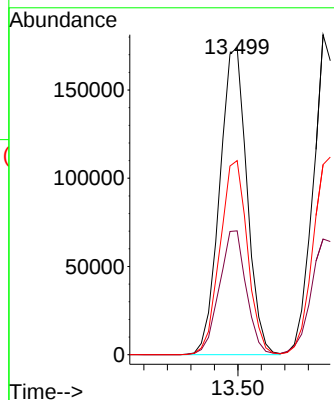
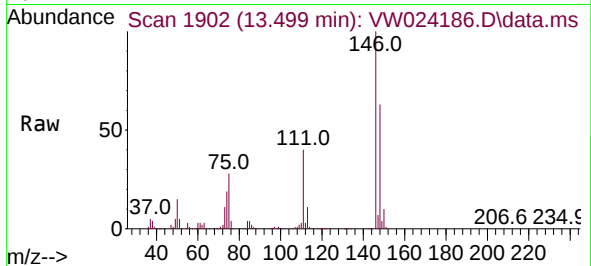




#64
1,3-Dichlorobenzene
Concen: 19.898 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

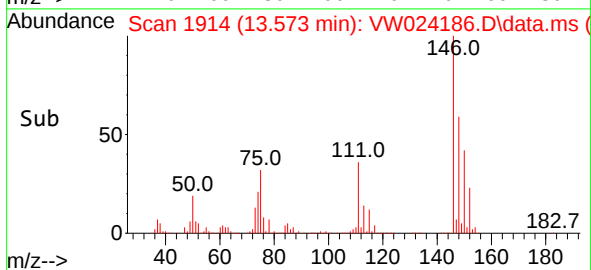
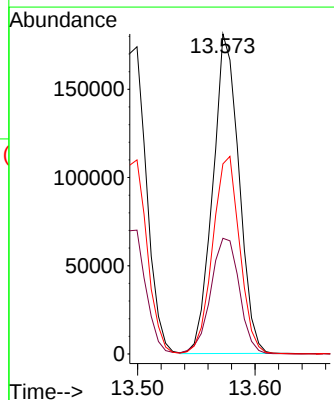
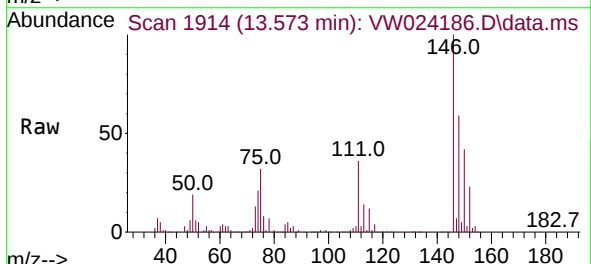
Instrument :
MSVOA_W
ClientSampleId :
EY139MSD

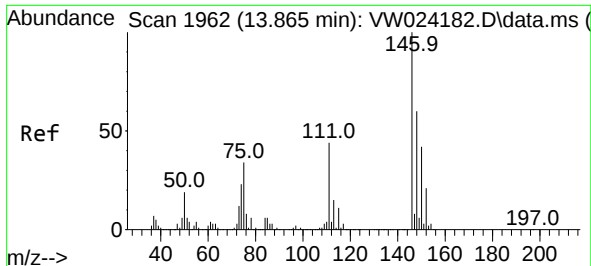
Tgt Ion:146 Resp: 280460
Ion Ratio Lower Upper
146 100
111 40.3 28.0 52.0
148 63.2 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 18.744 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024186.D
Acq: 05 Aug 2022 11:39

Tgt Ion:146 Resp: 279765
Ion Ratio Lower Upper
146 100
111 36.2 27.6 51.4
148 59.4 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 19.384 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024186.D

Acq: 05 Aug 2022 11:39

Instrument :

MSVOA_W

ClientSampleId :

EY139MSD

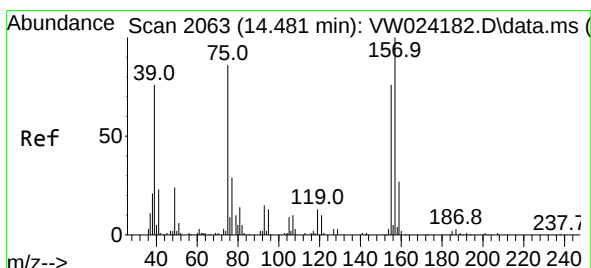
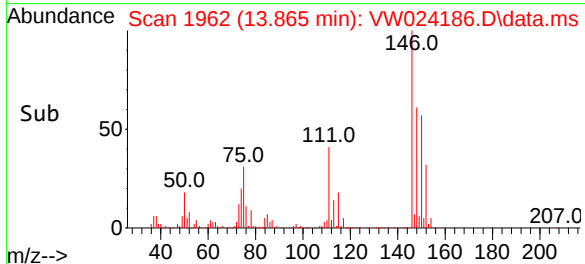
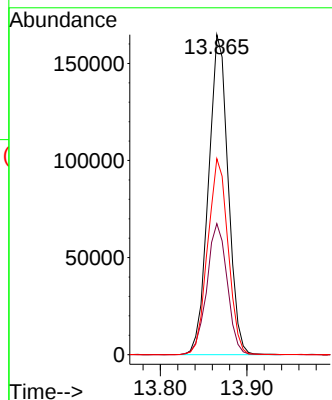
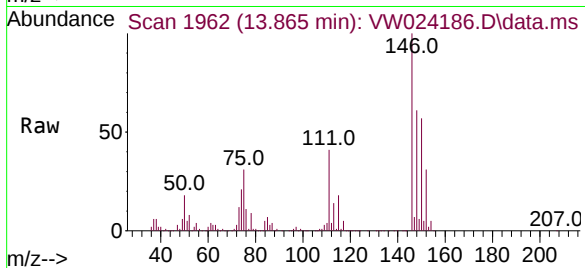
Tgt Ion:146 Resp: 259444

Ion Ratio Lower Upper

146 100

111 41.0 29.0 43.6

148 61.2 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 19.701 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024186.D

Acq: 05 Aug 2022 11:39

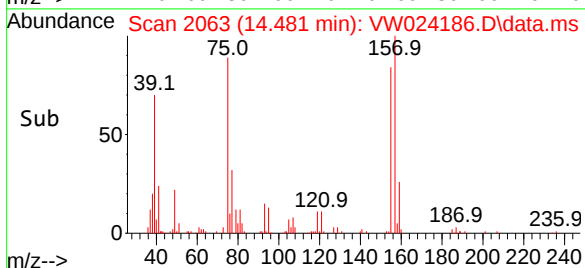
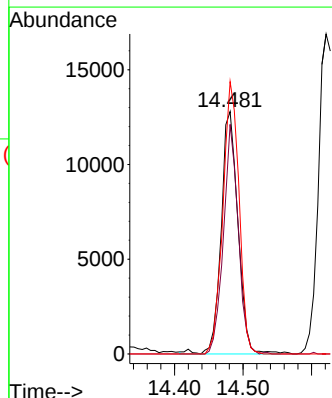
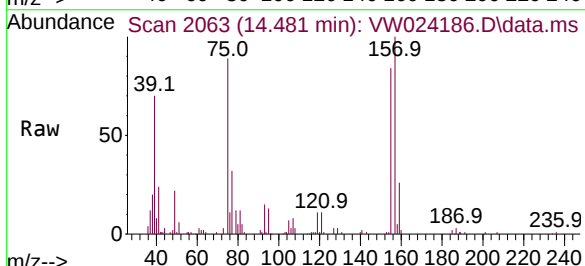
Tgt Ion: 75 Resp: 21781

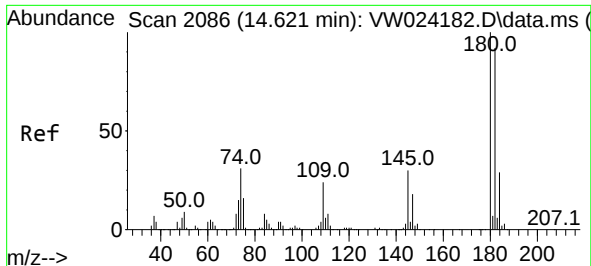
Ion Ratio Lower Upper

75 100

155 94.7 68.8 103.2

157 112.3 91.5 137.3

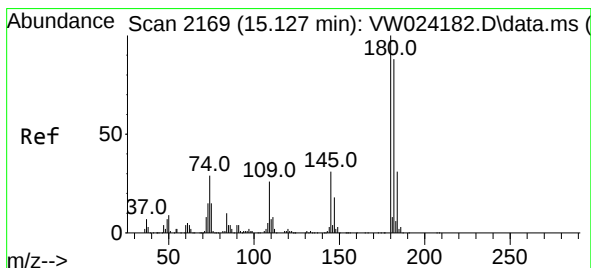
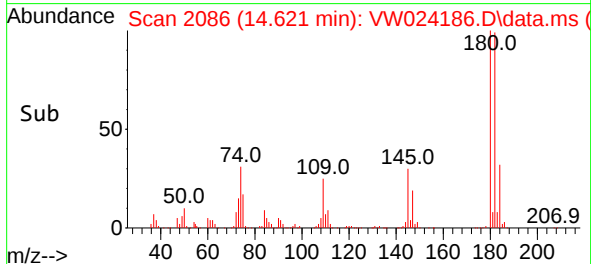
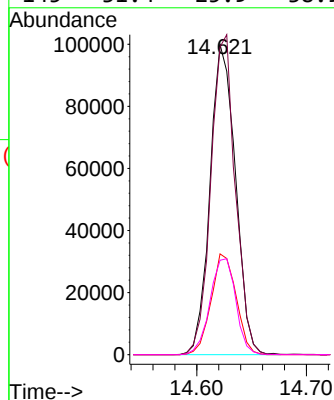
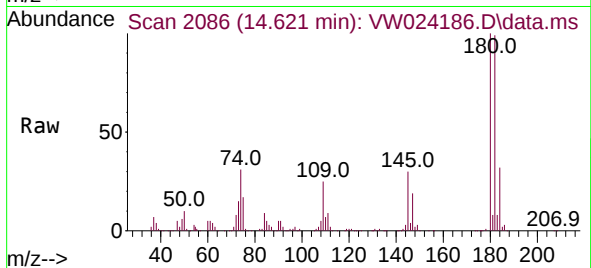




#69
 1,3,5-Trichlorobenzene
 Concen: 17.452 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. 0.000 min
 Lab File: VW024186.D
 Acq: 05 Aug 2022 11:39

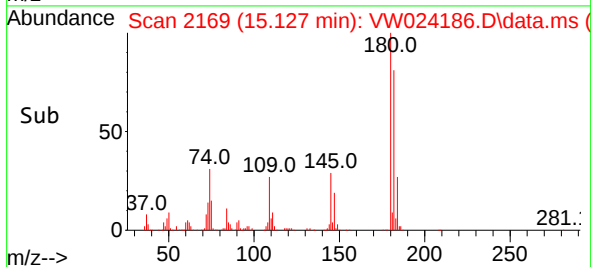
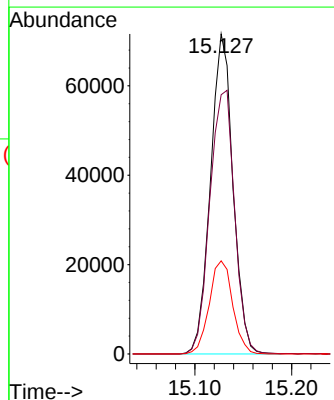
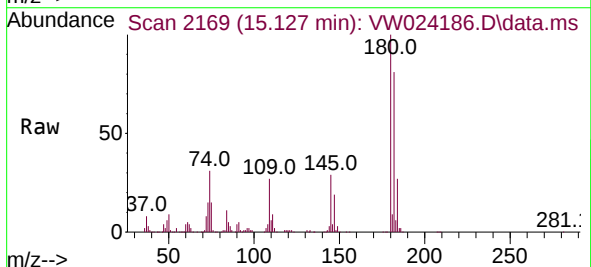
Instrument :
 MSVOA_W
 ClientSampleId :
 EY139MSD

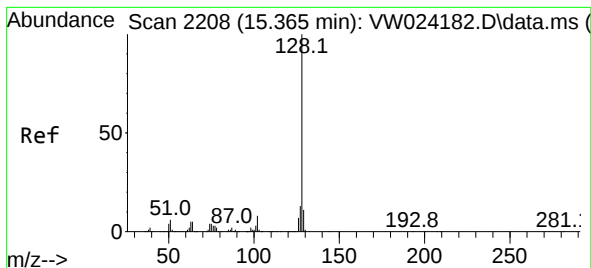
Tgt Ion:	180	Resp:	161298
Ion Ratio	Lower	Upper	
180	100		
182	98.6	78.4	117.6
184	32.0	24.7	37.1
145	31.4	25.9	38.9



#70
 1,2,4-trichlorobenzene
 Concen: 15.652 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW024186.D
 Acq: 05 Aug 2022 11:39

Tgt Ion:	180	Resp:	115851
Ion Ratio	Lower	Upper	
180	100		
182	90.5	75.0	112.4
145	30.3	25.1	37.7





#71

Naphthalene

Concen: 19.295 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW024186.D

Acq: 05 Aug 2022 11:39

Instrument :

MSVOA_W

ClientSampleId :

EY139MSD

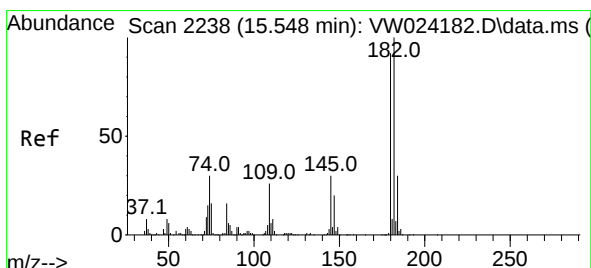
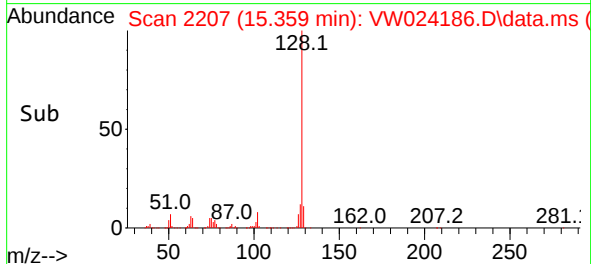
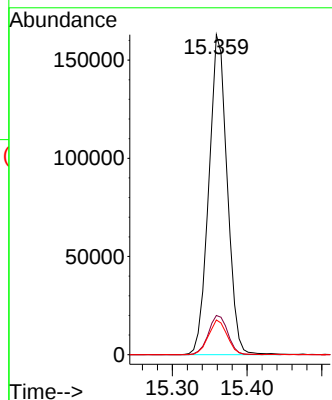
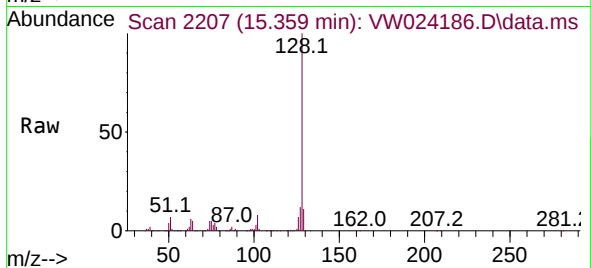
Tgt Ion:128 Resp: 278176

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 14.554 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024186.D

Acq: 05 Aug 2022 11:39

Tgt Ion:180 Resp: 98073

Ion Ratio Lower Upper

180 100

182 95.7 75.4 113.2

145 32.4 26.9 40.3

