

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
 Data File : VW024185.D
 Acq On : 05 Aug 2022 11:15
 Operator : SY/VA
 Sample : N4004-02MS
 Misc : 5.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EY139MS

Quant Time: Aug 05 23:44:46 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	8.841	114	543591	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	485971	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	236447	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	273993	24.114	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.440%
7) Chloroethane-d5	2.867	69	165033	23.316	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.280%
11) 1,1-Dichloroethene-d2	4.007	63	303889	23.468	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.880%
21) 2-Butanone-d5	7.080	46	102221	48.356	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.720%
24) Chloroform-d	7.647	84	377902	22.976	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.920%
26) 1,2-Dichloroethane-d4	8.305	65	206115	22.571	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.280%
32) Benzene-d6	8.268	84	736684	25.704	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	9.268	67	212434	25.104	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.400%
41) Toluene-d8	10.323	98	699153	26.099	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	10.579	79	97738	26.370	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.480%
47) 2-Hexanone-d5	10.920	63	91900	58.796	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.600%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	193328	23.548	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	216381	25.008	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.040%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	89704	18.757	ug/L	97
3) Chloromethane	2.209	50	150609	16.792	ug/L	97
5) Vinyl chloride	2.349	62	221701	17.756	ug/L	97
6) Bromomethane	2.763	94	107289	14.987	ug/L	95
8) Chloroethane	2.904	64	95400	17.443	ug/L	95
9) Trichlorofluoromethane	3.245	101	108820	18.386	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	148519	18.606	ug/L	98
12) 1,1-Dichloroethene	4.025	96	130292	19.937	ug/L	87
13) Acetone	4.117	43	54578	35.068	ug/L	63
14) Carbon disulfide	4.373	76	369948	17.691	ug/L	98
15) Methyl Acetate	4.665	43	63883	18.223	ug/L	97
16) Methylene chloride	4.909	84	187088	19.517	ug/L	97
17) trans-1,2-Dichloroethene	5.415	96	143467	19.010	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	225945	20.996	ug/L	100
19) 1,1-Dichloroethane	6.208	63	242137	18.214	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	155429	18.753	ug/L #	98
22) 2-Butanone	7.165	43	98150	37.425	ug/L	99
23) Bromochloromethane	7.506	128	77462	18.767	ug/L	97
25) Chloroform	7.671	83	275123	18.781	ug/L	99

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 Response via : Initial Calibration

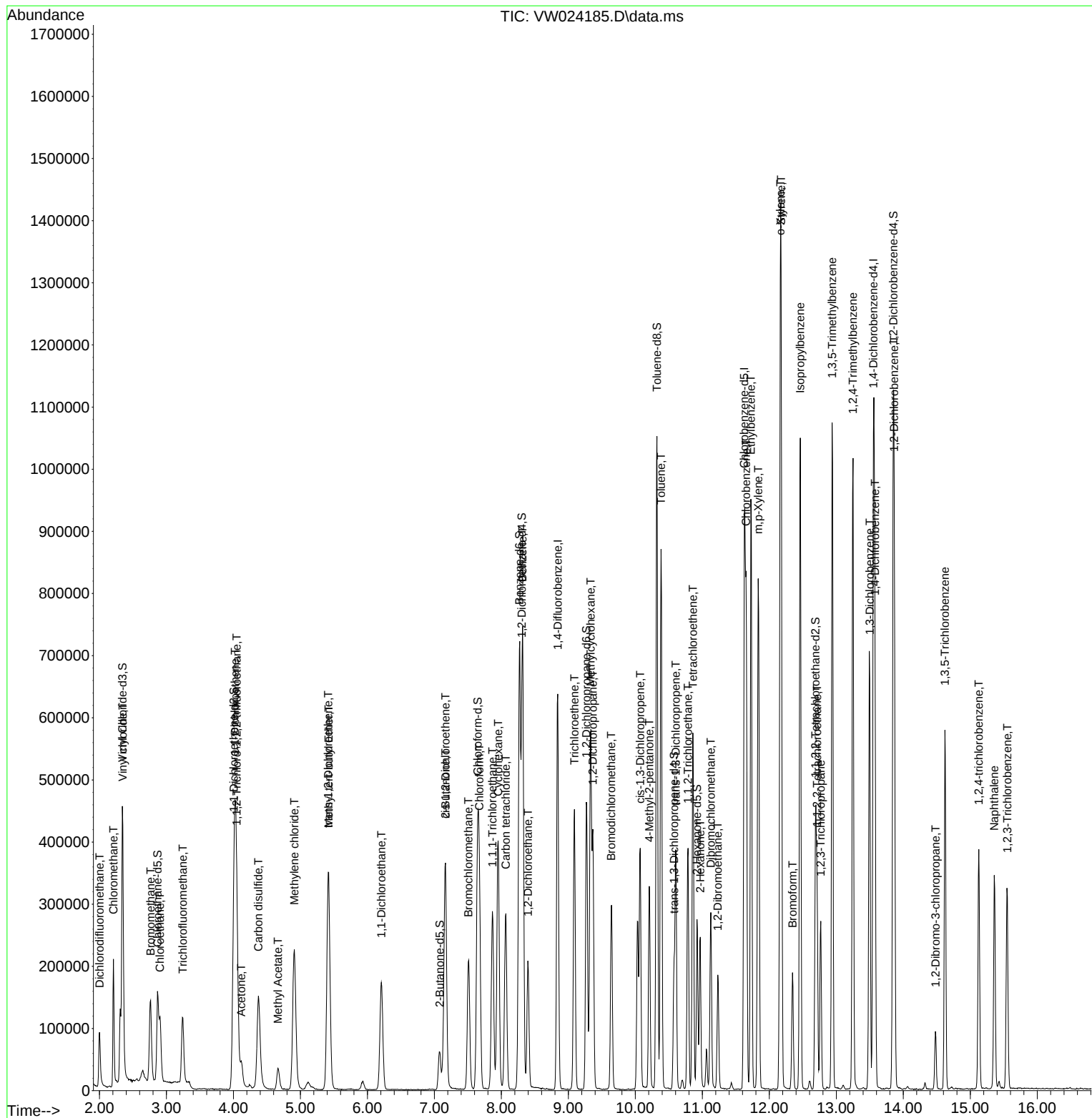
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	179621	18.222	ug/L	99
29) Cyclohexane	7.951	56	211875	21.266	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	228373	20.838	ug/L	99
31) Carbon tetrachloride	8.067	117	207682	20.087	ug/L	100
33) Benzene	8.317	78	576046	20.070	ug/L	100
34) Trichloroethene	9.091	95	151021	19.907	ug/L	95
35) Methylcyclohexane	9.335	83	235775	19.818	ug/L	98
37) 1,2-Dichloropropane	9.366	63	142106	20.029	ug/L	99
38) Bromodichloromethane	9.640	83	195633	19.659	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	223769	21.437	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	202198	42.940	ug/L	97
42) Toluene	10.384	91	631090	20.691	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	201877	21.166	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	120422	20.137	ug/L	99
46) Tetrachloroethene	10.859	164	124630	20.292	ug/L	94
48) 2-Hexanone	10.969	43	148947	46.609	ug/L	99
49) Dibromochloromethane	11.128	129	142521	19.796	ug/L	95
50) 1,2-Dibromoethane	11.231	107	115808	20.212	ug/L #	98
51) Chlorobenzene	11.652	112	405873	19.476	ug/L	96
52) Ethylbenzene	11.725	91	669525	20.035	ug/L	99
53) m,p-Xylene	11.835	106	266106	20.457	ug/L	88
54) o-Xylene	12.164	106	256278	20.855	ug/L	92
55) Styrene	12.176	104	429896	20.114	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	145736	19.500	ug/L	97
59) Bromoform	12.347	173	82677	22.924	ug/L	96
60) Isopropylbenzene	12.463	105	668731	23.363	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	103848	22.069	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	562194	23.768	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	541260	23.235	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	285512	20.370	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	286431	19.299	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	263810	19.820	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	21730	19.765	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	169312	18.422	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	117919	16.021	ug/L	97
71) Naphthalene	15.359	128	289376	20.184	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	109548	16.348	ug/L	97

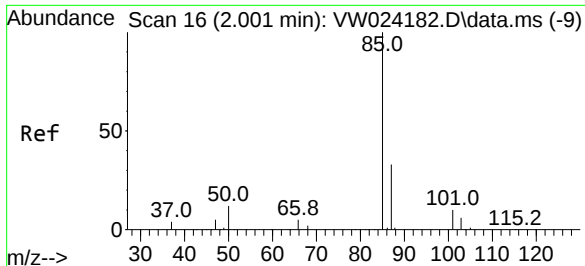
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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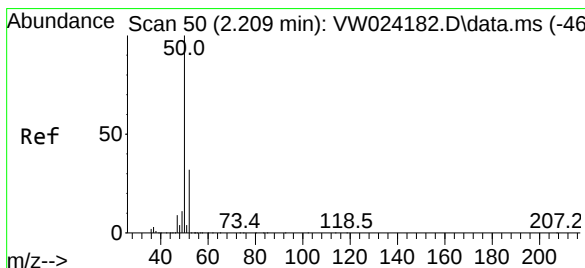
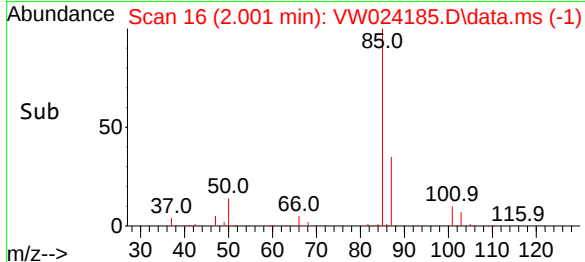
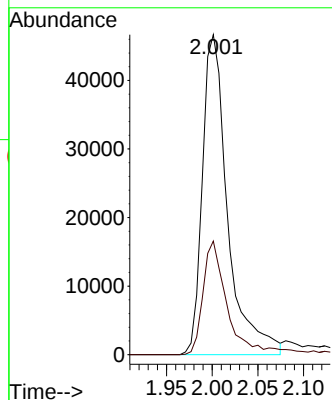
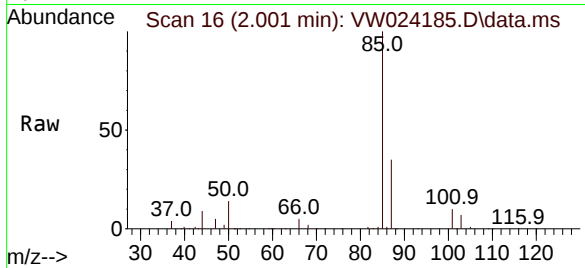




#2
Dichlorodifluoromethane
Concen: 18.757 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

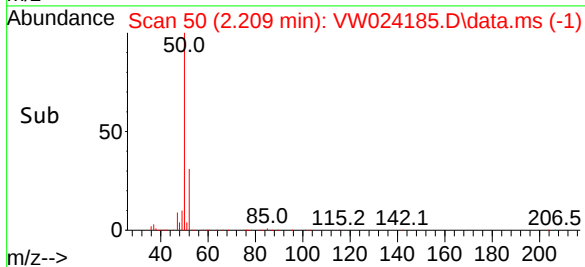
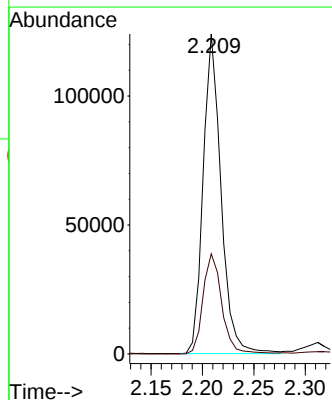
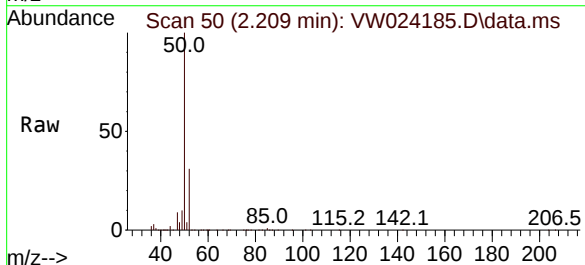
Instrument :
MSVOA_W
ClientSampleId :
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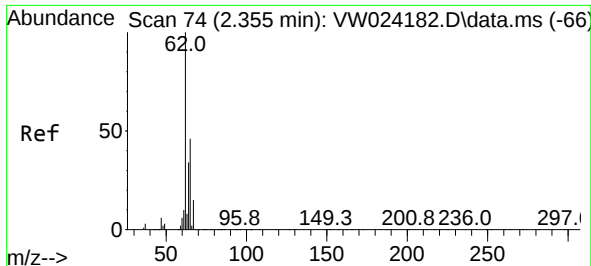
Tgt Ion: 85 Resp: 89704
Ion Ratio Lower Upper
85 100
87 32.5 24.5 36.7



#3
Chloromethane
Concen: 16.792 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

Tgt Ion: 50 Resp: 150609
Ion Ratio Lower Upper
50 100
52 31.3 23.2 43.2

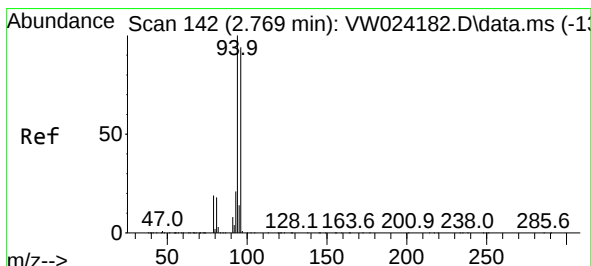
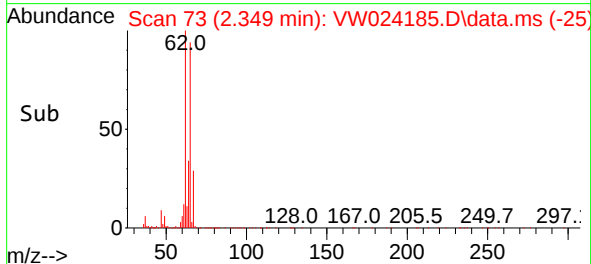
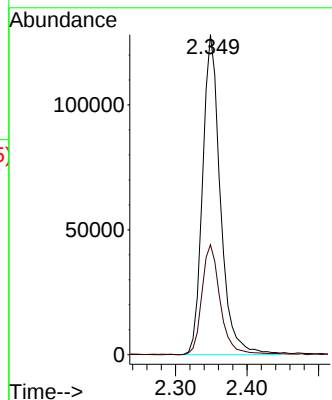
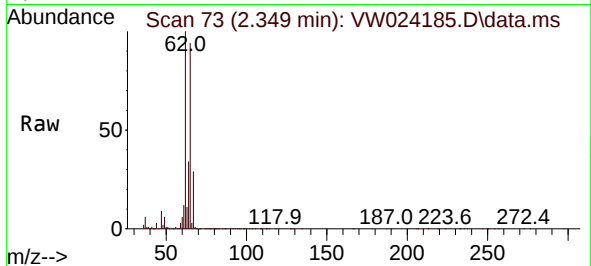




#5
 Vinyl chloride
 Concen: 17.756 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW024185.D
 Acq: 05 Aug 2022 11:15

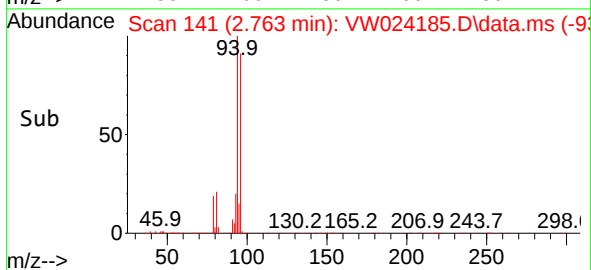
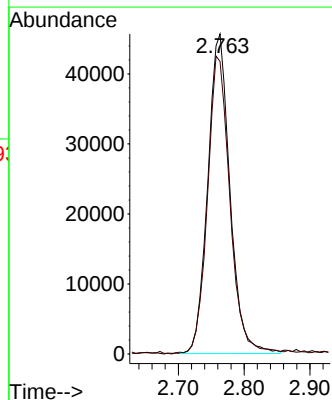
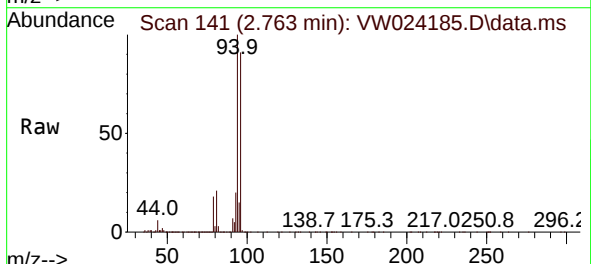
Instrument :
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 ClientSampleId :
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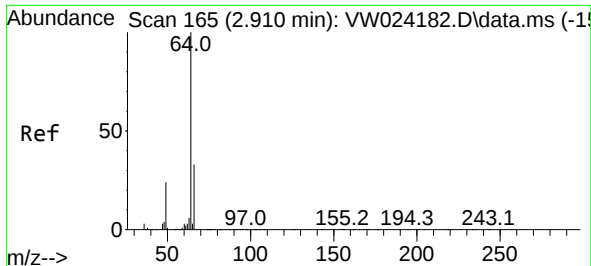
Tgt Ion: 62 Resp: 221701
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.7 42.3



#6
 Bromomethane
 Concen: 14.987 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VW024185.D
 Acq: 05 Aug 2022 11:15

Tgt Ion: 94 Resp: 107289
 Ion Ratio Lower Upper
 94 100
 96 91.4 61.0 113.4

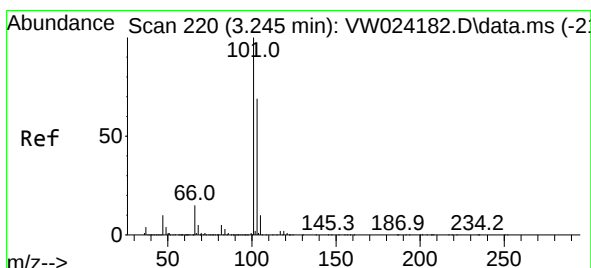
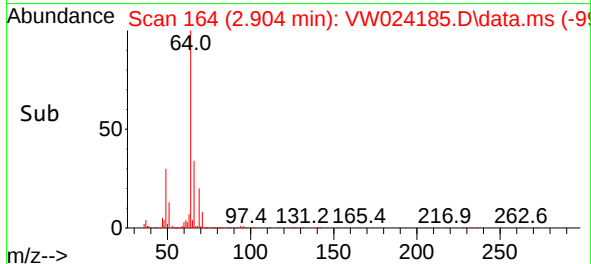
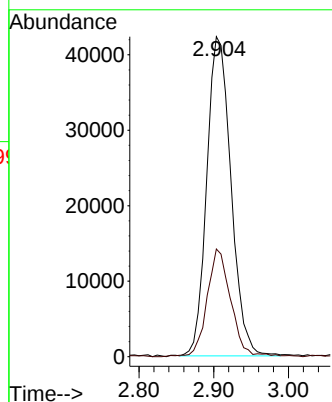
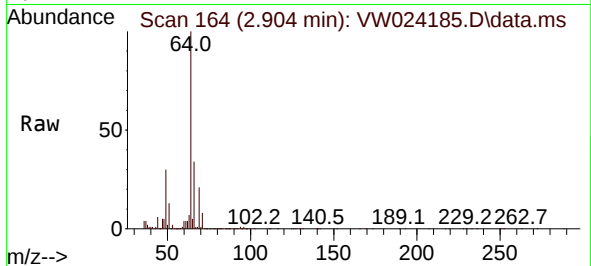




#8
Chloroethane
Concen: 17.443 ug/L
RT: 2.904 min Scan# 164
Delta R.T. -0.006 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

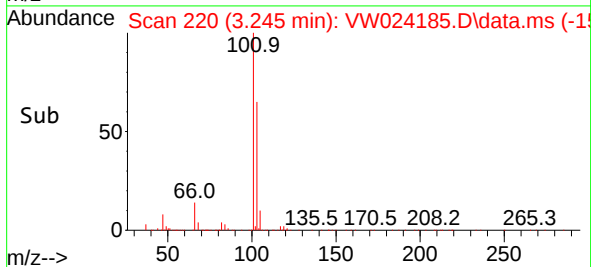
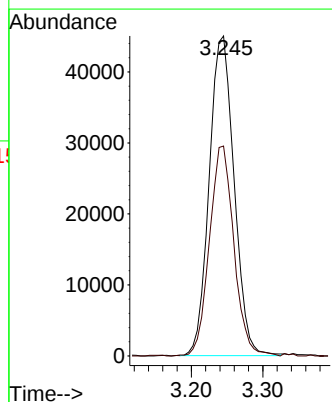
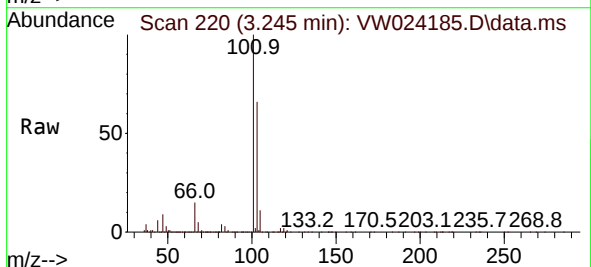
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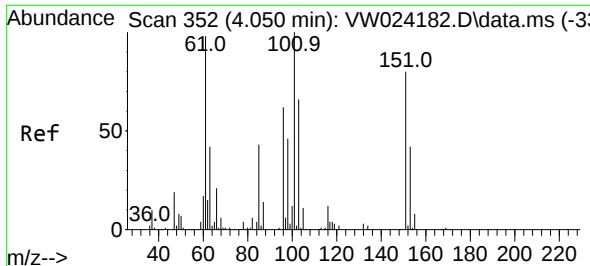
Tgt Ion: 64 Resp: 95400
Ion Ratio Lower Upper
64 100
66 33.7 21.6 40.0



#9
Trichlorofluoromethane
Concen: 18.386 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

Tgt Ion:101 Resp: 108820
Ion Ratio Lower Upper
101 100
103 64.6 50.5 75.7

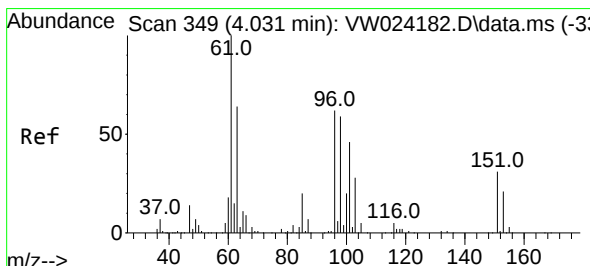
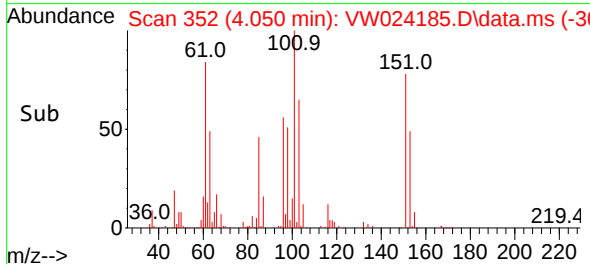
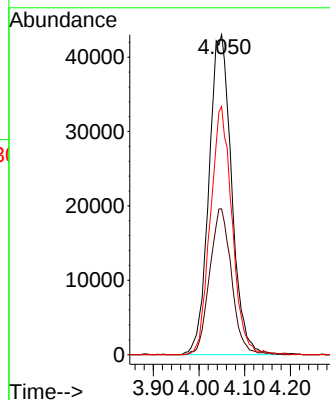
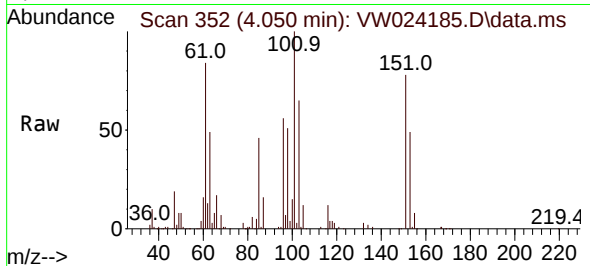




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.606 ug/L
 RT: 4.050 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW024185.D
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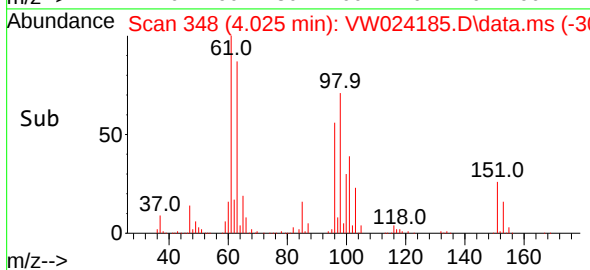
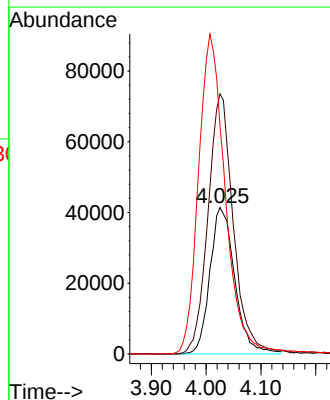
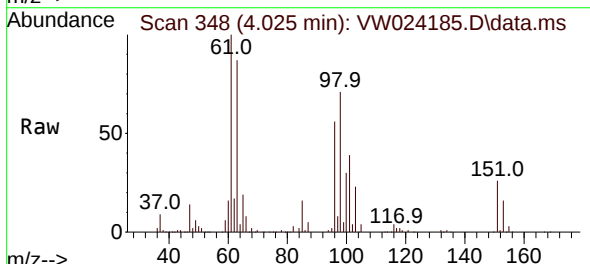
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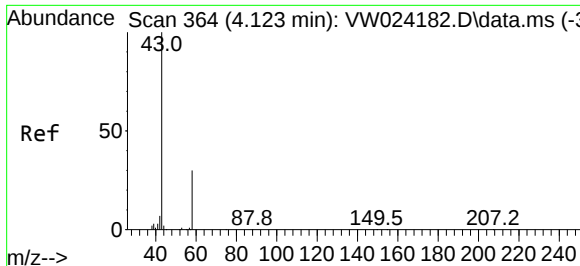
Tgt Ion:101 Resp: 148519
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.9 52.3
 151 73.7 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 19.937 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.006 min
 Lab File: VW024185.D
 Acq: 05 Aug 2022 11:15

Tgt Ion: 96 Resp: 130292
 Ion Ratio Lower Upper
 96 100
 61 177.6 123.1 228.5
 63 155.4 84.9 157.7





#13

Acetone

Concen: 35.068 ug/L

RT: 4.117 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

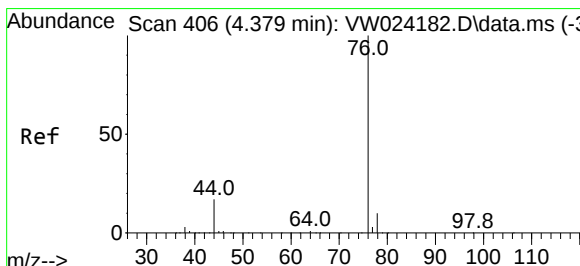
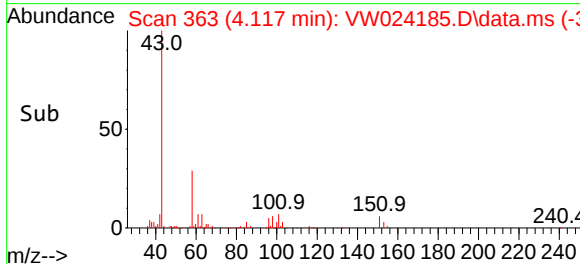
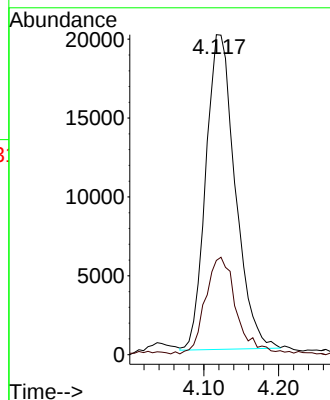
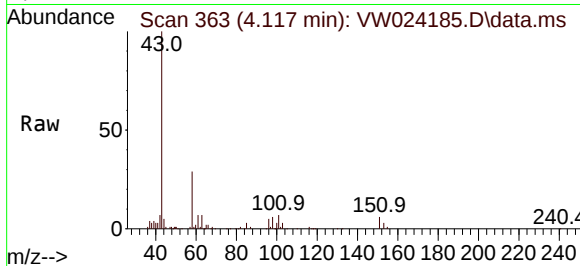
EY139MS

Tgt Ion: 43 Resp: 54578

Ion Ratio Lower Upper

43 100

58 31.5 0.0 31.8



#14

Carbon disulfide

Concen: 17.691 ug/L

RT: 4.373 min Scan# 405

Delta R.T. -0.006 min

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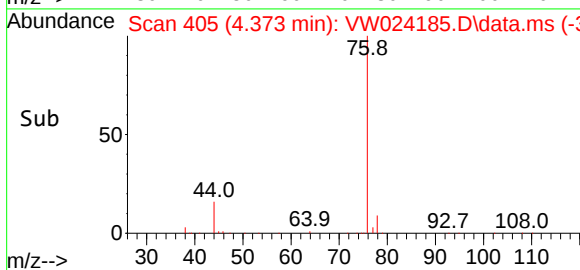
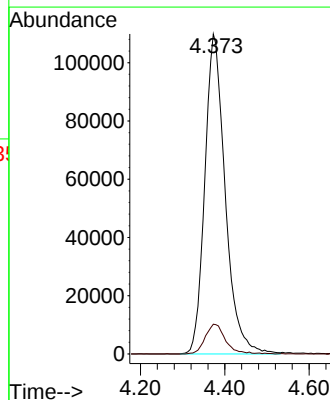
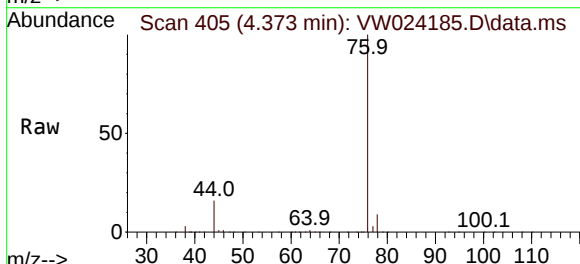
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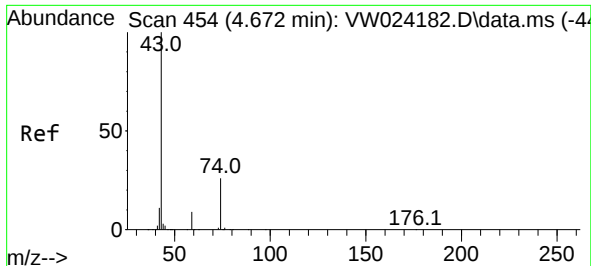
Tgt Ion: 76 Resp: 369948

Ion Ratio Lower Upper

76 100

78 9.3 7.9 11.9

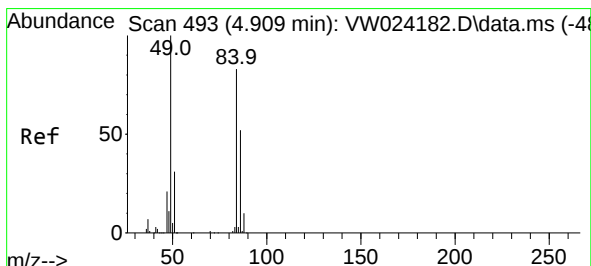
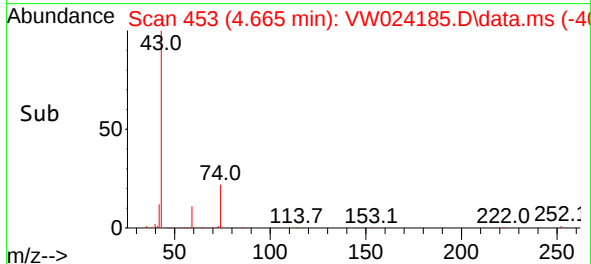
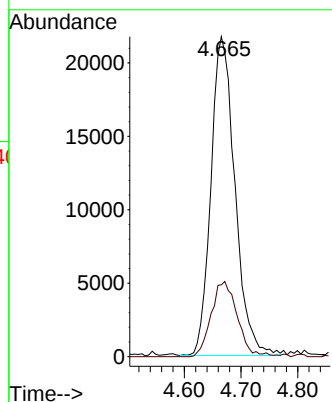
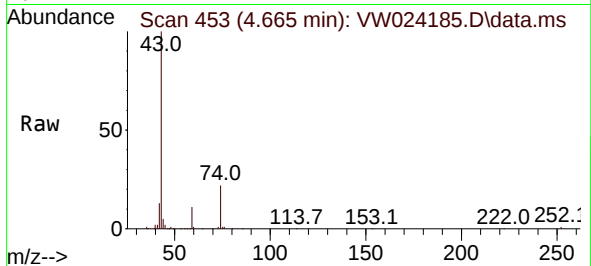




#15
Methyl Acetate
Concen: 18.223 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

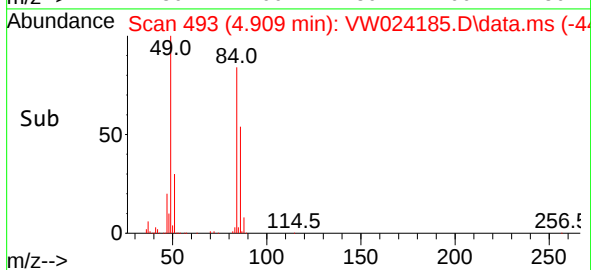
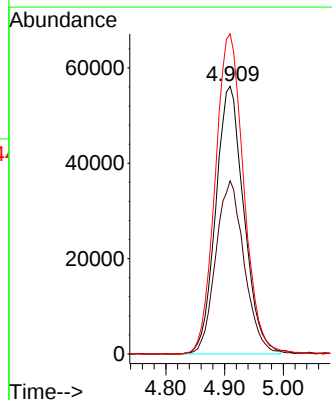
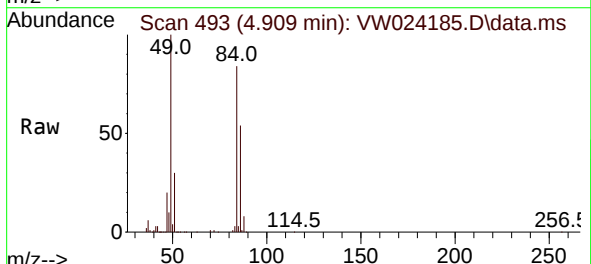
Instrument :
MSVOA_W
ClientSampleId :
EY139MS

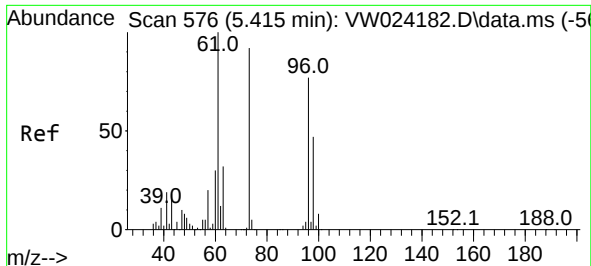
Tgt Ion: 43 Resp: 63883
Ion Ratio Lower Upper
43 100
74 25.2 21.5 32.3



#16
Methylene chloride
Concen: 19.517 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

Tgt Ion: 84 Resp: 187088
Ion Ratio Lower Upper
84 100
86 64.7 42.8 79.6
49 119.5 85.3 158.3





#17

trans-1,2-Dichloroethene

Concen: 19.010 ug/L

RT: 5.415 min Scan# 576

Delta R.T. -0.000 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

EY139MS

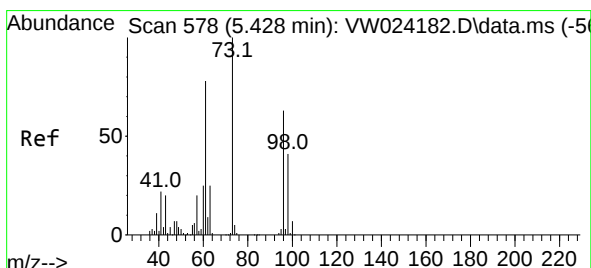
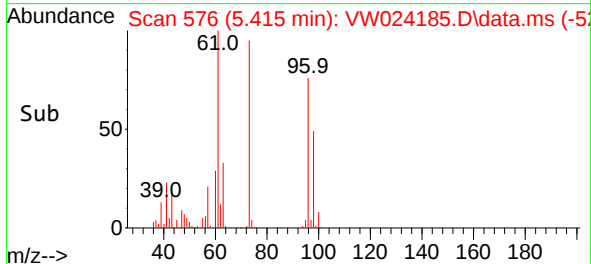
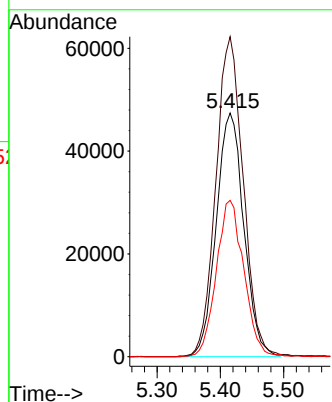
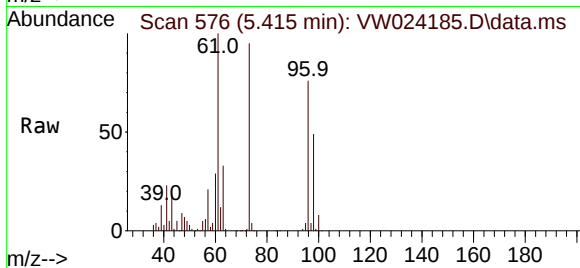
Tgt Ion: 96 Resp: 143467

Ion Ratio Lower Upper

96 100

61 131.4 93.0 172.8

98 64.1 48.5 90.1



#18

Methyl tert-butyl Ether

Concen: 20.996 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

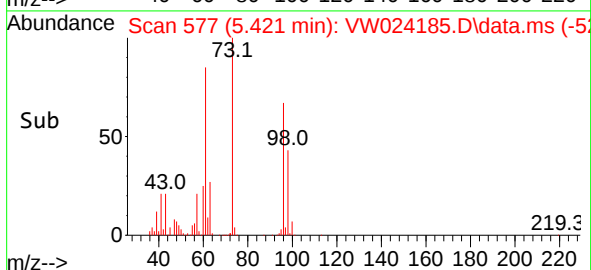
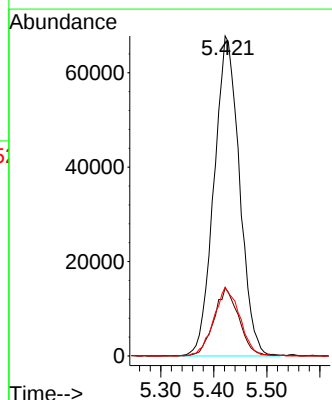
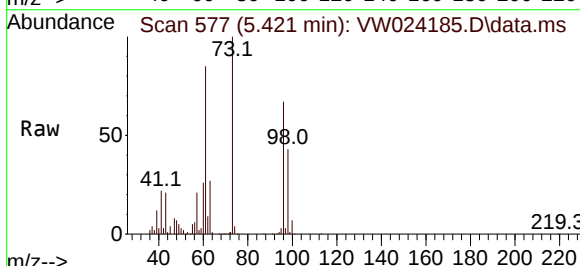
Tgt Ion: 73 Resp: 225945

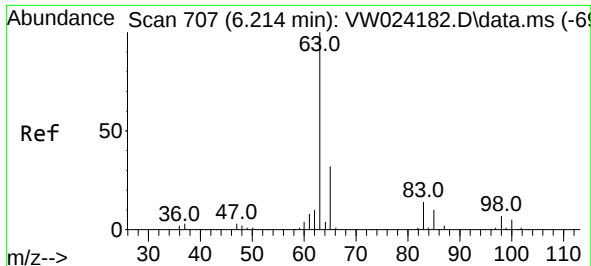
Ion Ratio Lower Upper

73 100

43 20.9 16.6 24.8

57 21.8 17.6 26.4





#19

1,1-Dichloroethane

Concen: 18.214 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

EY139MS

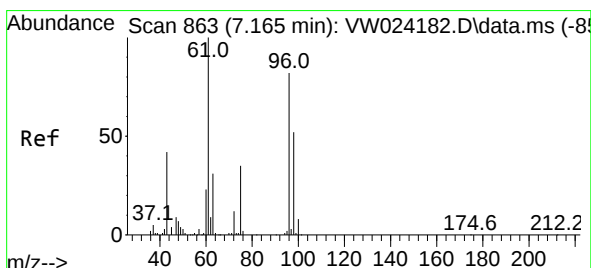
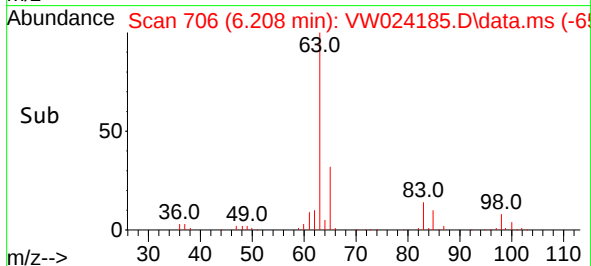
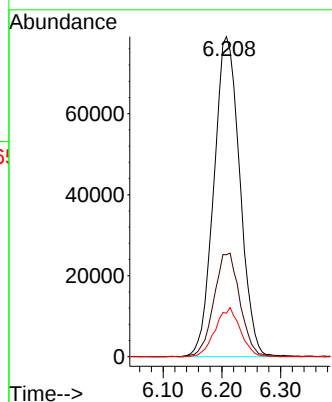
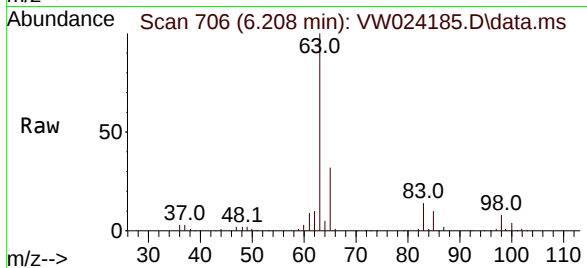
Tgt Ion: 63 Resp: 242137

Ion Ratio Lower Upper

63 100

65 31.9 22.0 41.0

83 13.6 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 18.753 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

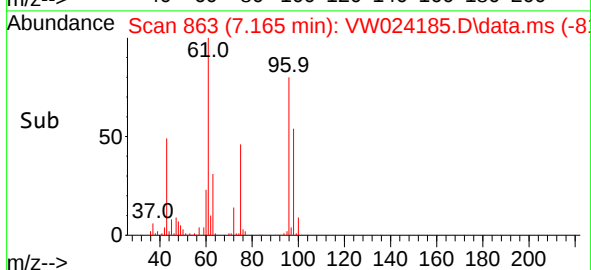
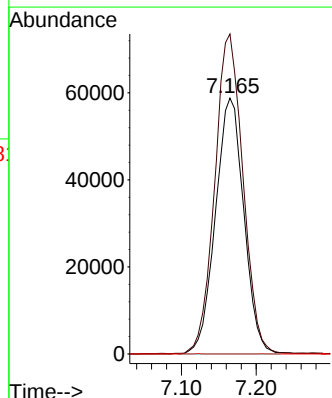
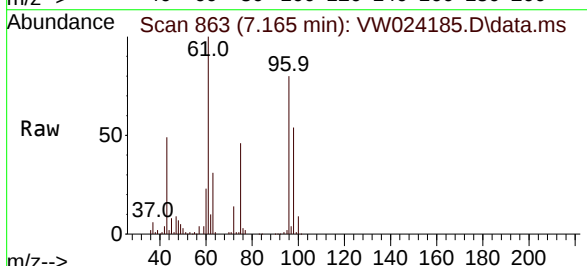
Tgt Ion: 96 Resp: 155429

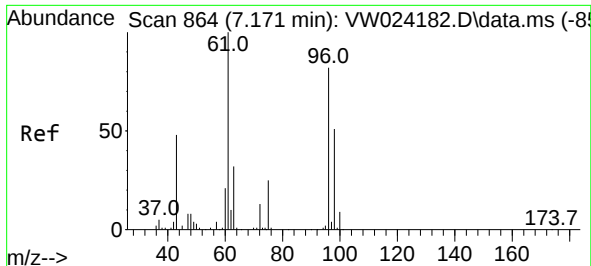
Ion Ratio Lower Upper

96 100

61 125.1 89.5 166.3

68 0.0 0.1 0.1

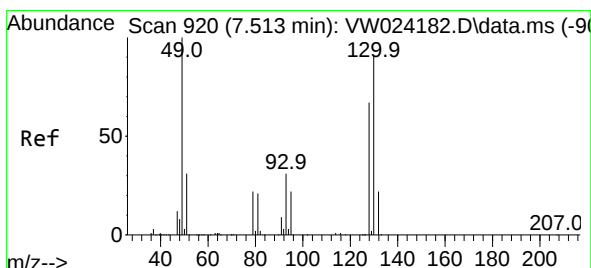
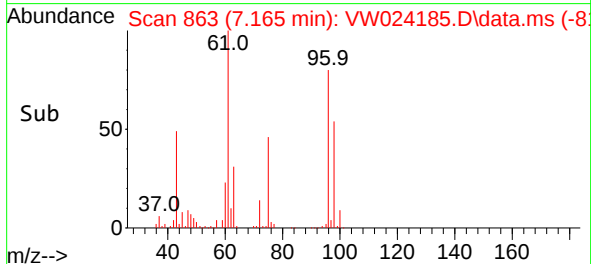
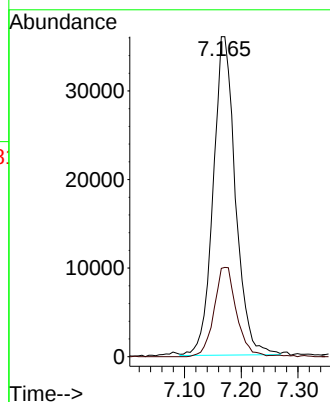
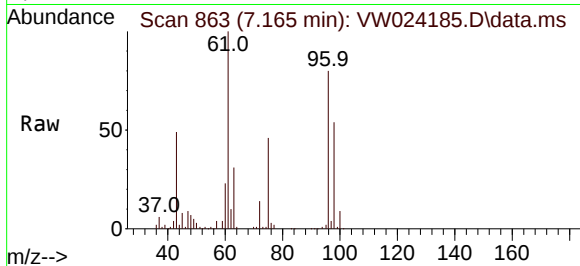




#22
2-Butanone
Concen: 37.425 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

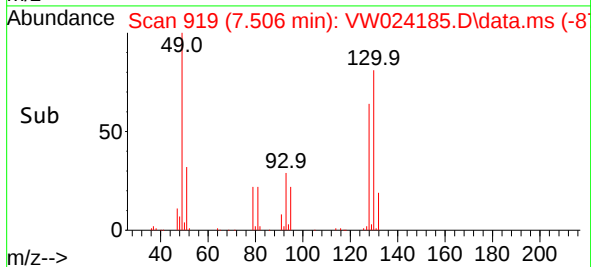
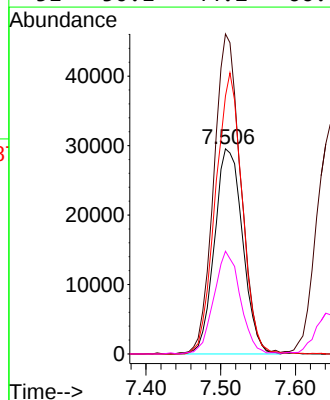
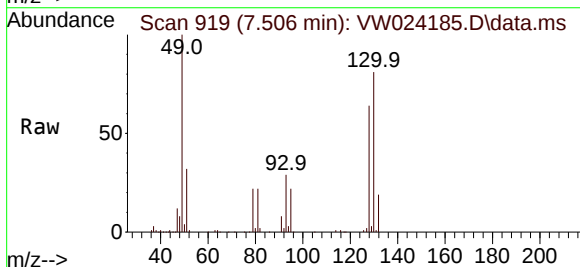
Instrument :
MSVOA_W
ClientSampleId :
EY139MS

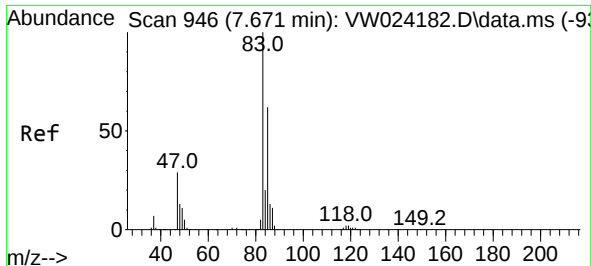
Tgt Ion: 43 Resp: 98150
Ion Ratio Lower Upper
43 100
72 28.2 14.3 42.9



#23
Bromochloromethane
Concen: 18.767 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

Tgt Ion: 128 Resp: 77462
Ion Ratio Lower Upper
128 100
49 156.0 106.6 198.0
130 125.9 88.1 163.5
51 50.1 44.2 66.4

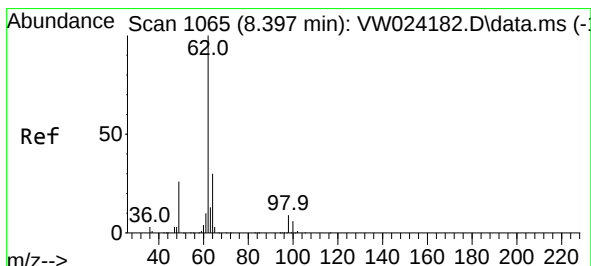
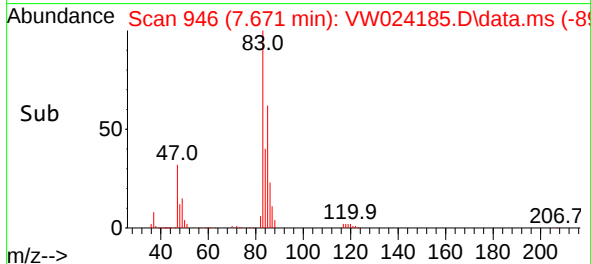
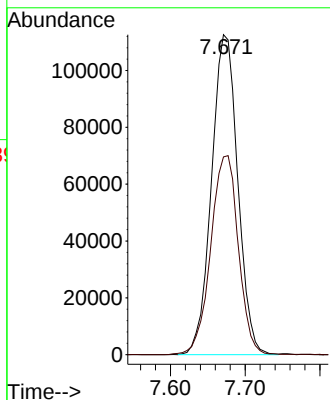
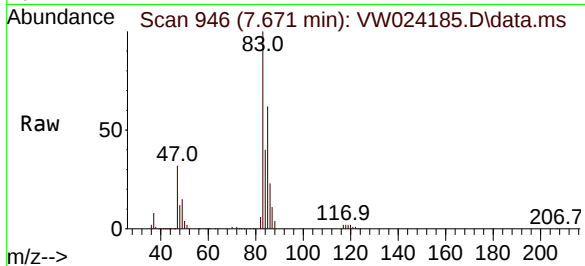




#25
Chloroform
Concen: 18.781 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

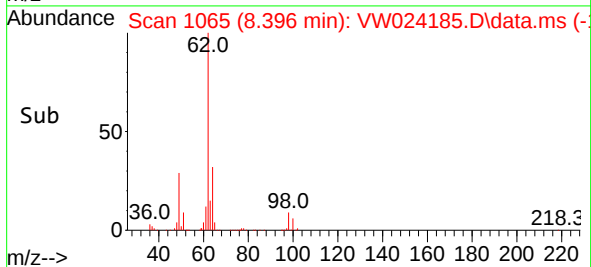
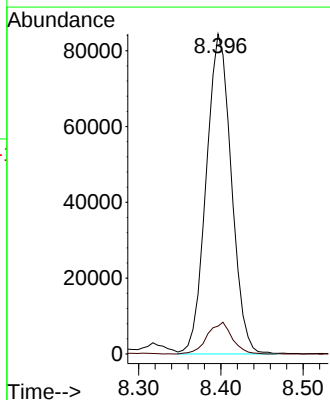
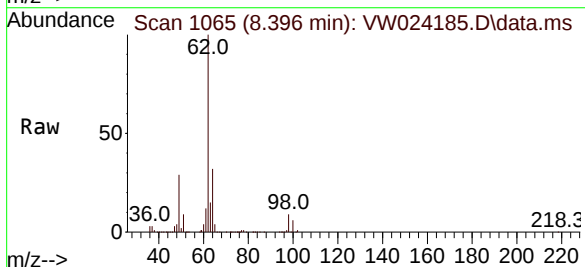
Instrument :
MSVOA_W
ClientSampleId :
EY139MS

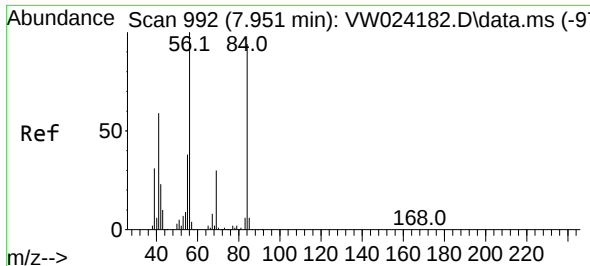
Tgt Ion: 83 Resp: 275123
Ion Ratio Lower Upper
83 100
85 61.8 42.9 79.7



#27
1,2-Dichloroethane
Concen: 18.222 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

Tgt Ion: 62 Resp: 179621
Ion Ratio Lower Upper
62 100
98 8.7 7.4 11.0





#29

Cyclohexane

Concen: 21.266 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

EY139MS

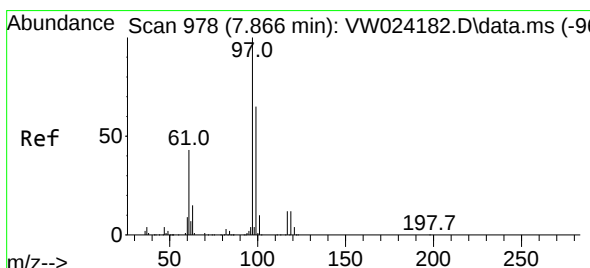
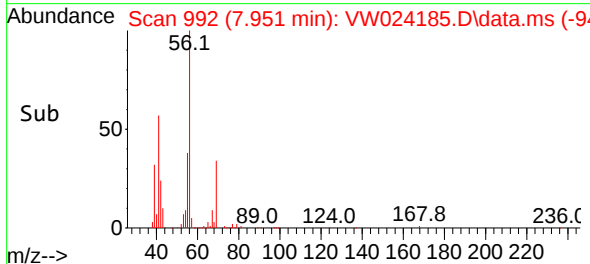
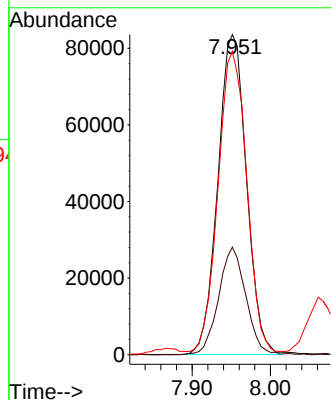
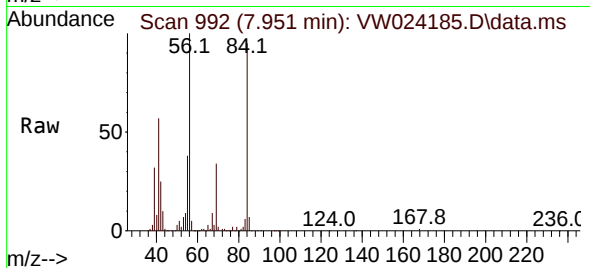
Tgt Ion: 56 Resp: 211875

Ion Ratio Lower Upper

56 100

69 31.9 24.5 36.7

84 96.0 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 20.838 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.000 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

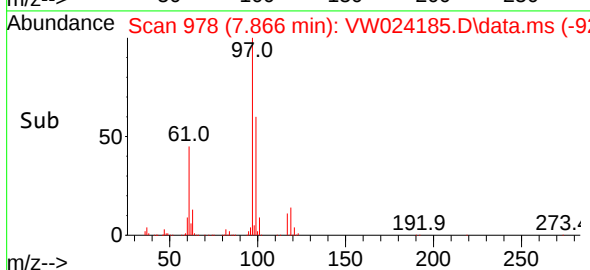
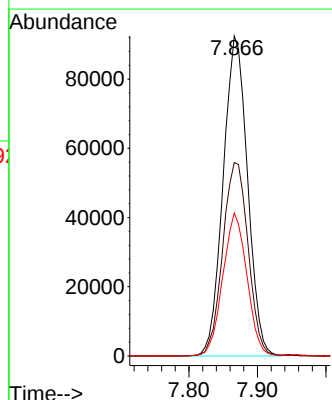
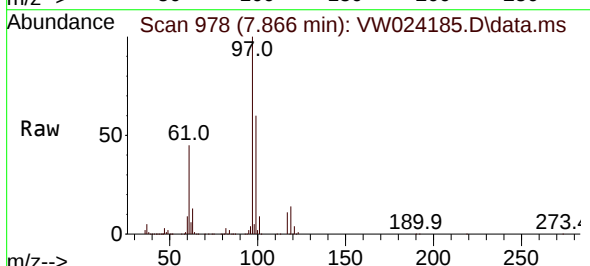
Tgt Ion: 97 Resp: 228373

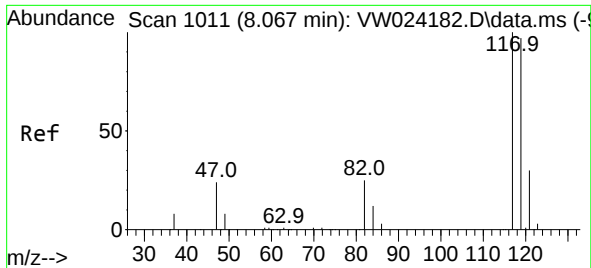
Ion Ratio Lower Upper

97 100

99 63.0 51.0 76.6

61 44.1 36.2 54.2

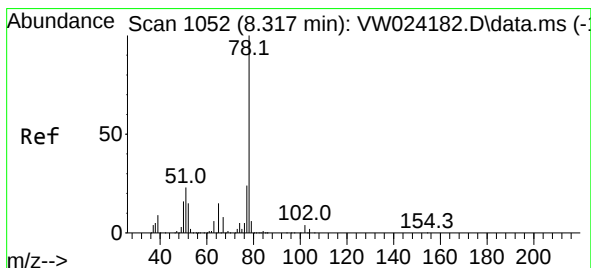
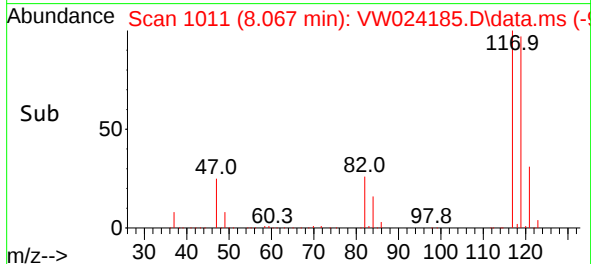
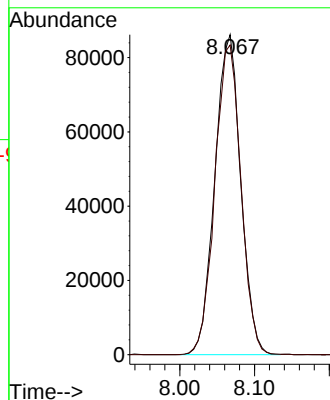
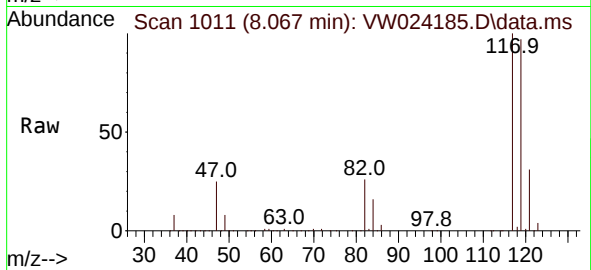




#31
Carbon tetrachloride
Concen: 20.087 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

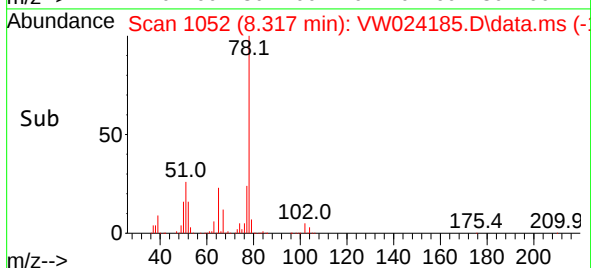
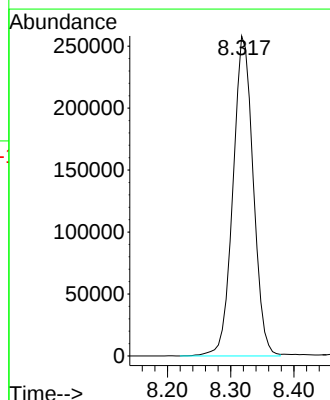
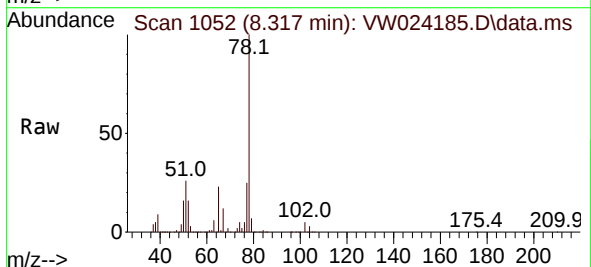
Instrument :
MSVOA_W
ClientSampleId :
EY139MS

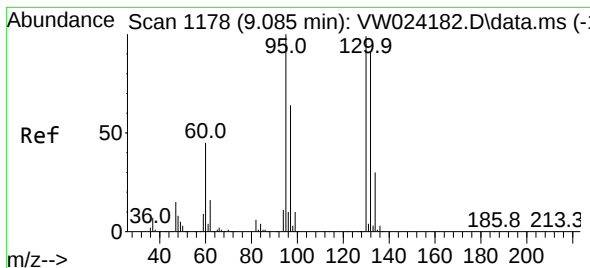
Tgt Ion:117 Resp: 207682
Ion Ratio Lower Upper
117 100
119 97.5 77.8 116.8



#33
Benzene
Concen: 20.070 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

Tgt Ion: 78 Resp: 576046





#34

Trichloroethene

Concen: 19.907 ug/L

RT: 9.091 min Scan# 1178

Delta R.T. 0.006 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

EY139MS

Tgt Ion: 95 Resp: 151021

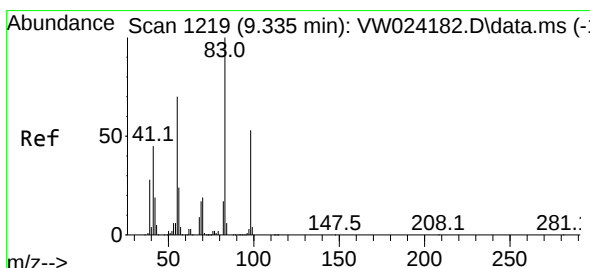
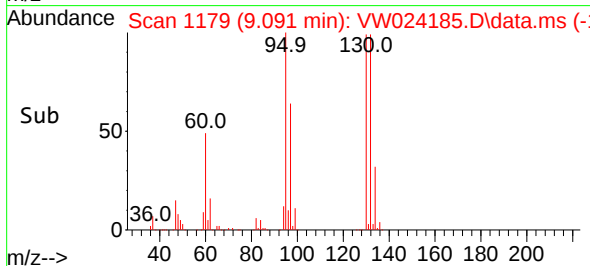
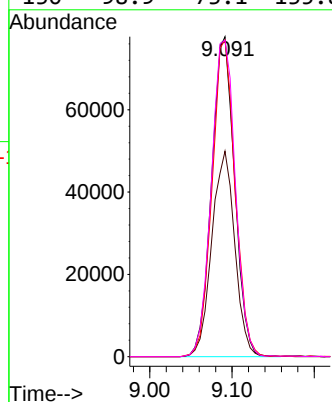
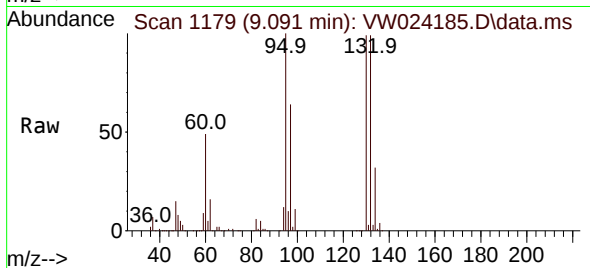
Ion Ratio Lower Upper

95 100

97 64.2 41.6 77.2

132 99.0 67.0 124.4

130 98.9 73.1 135.8



#35

Methylcyclohexane

Concen: 19.818 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

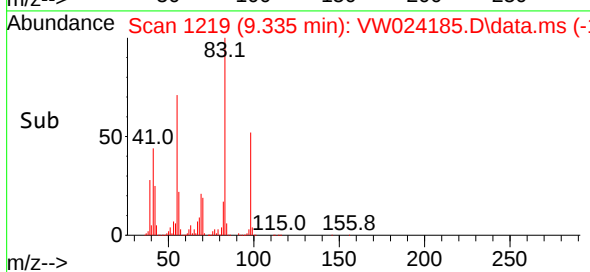
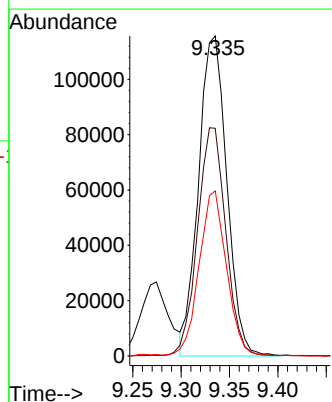
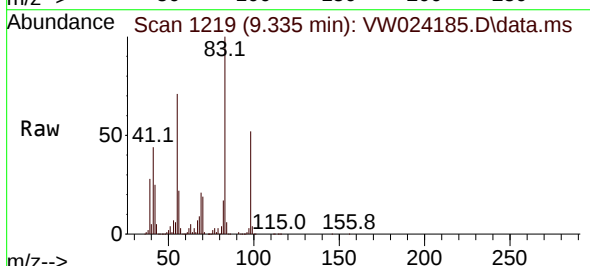
Tgt Ion: 83 Resp: 235775

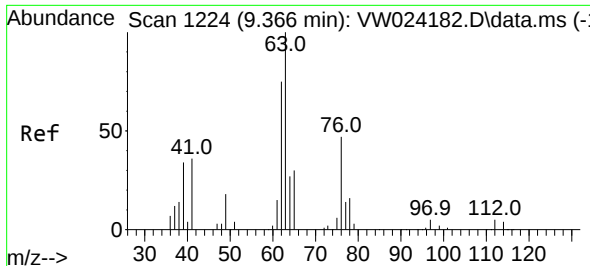
Ion Ratio Lower Upper

83 100

55 71.4 59.1 88.7

98 50.1 40.8 61.2





#37

1,2-Dichloropropane

Concen: 20.029 ug/L

RT: 9.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

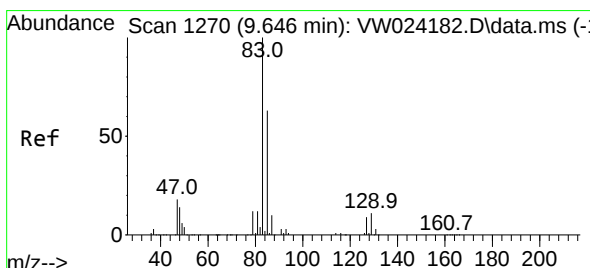
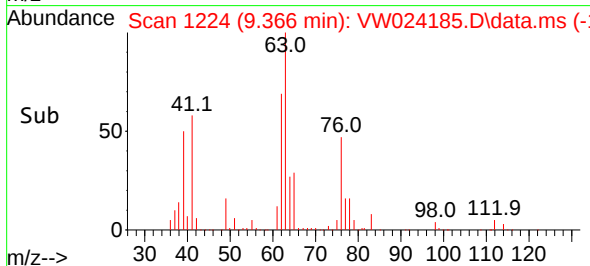
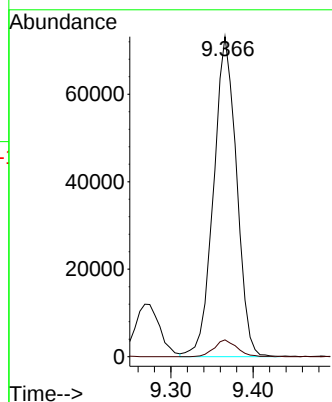
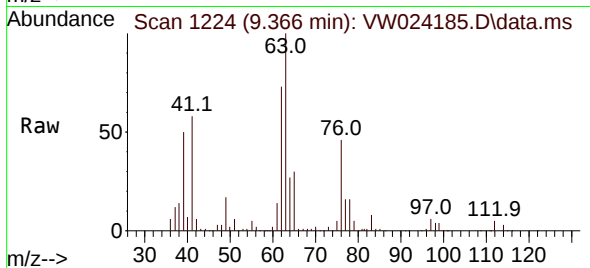
EY139MS

Tgt Ion: 63 Resp: 142106

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.6



#38

Bromodichloromethane

Concen: 19.659 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

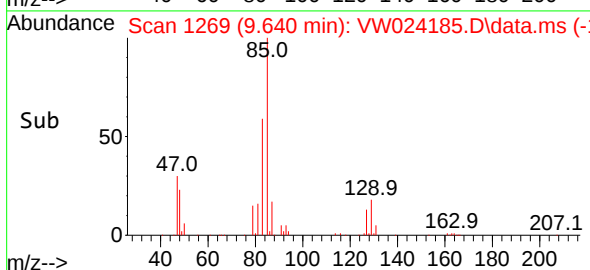
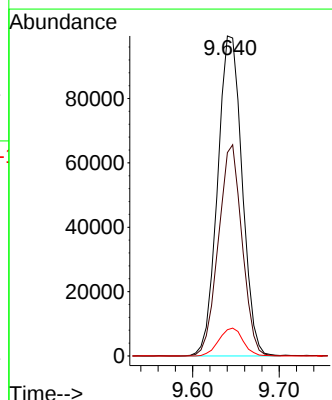
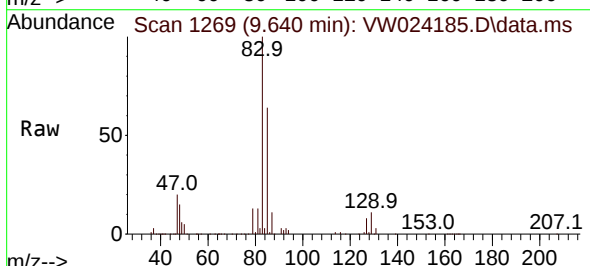
Tgt Ion: 83 Resp: 195633

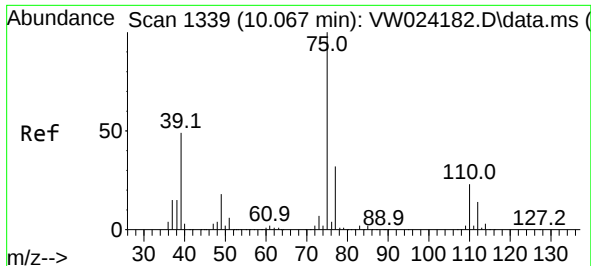
Ion Ratio Lower Upper

83 100

85 63.6 43.7 81.1

127 8.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 21.437 ug/L

RT: 10.073 min Scan# 1339

Delta R.T. 0.006 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

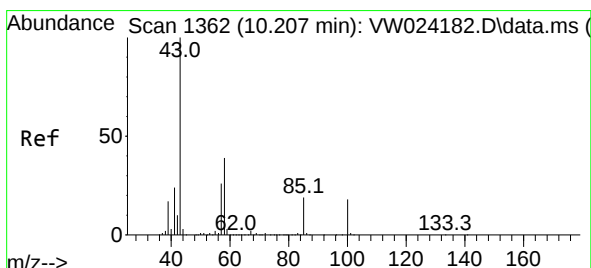
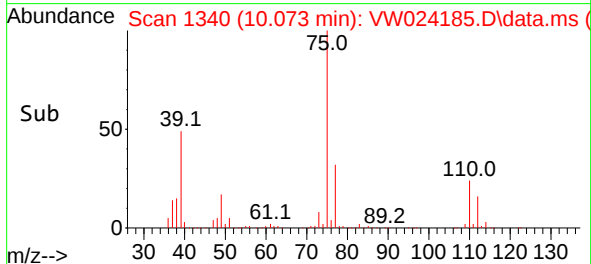
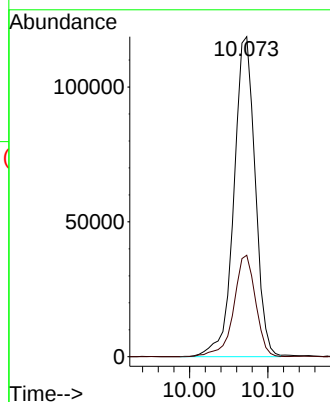
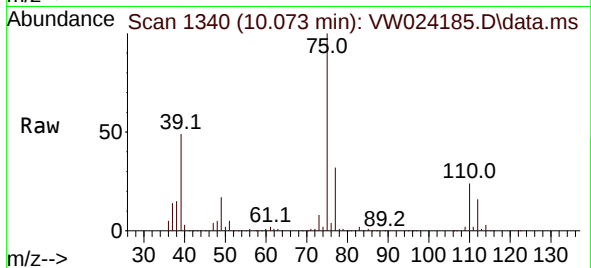
EY139MS

Tgt Ion: 75 Resp: 223769

Ion Ratio Lower Upper

75 100

77 31.7 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 42.940 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

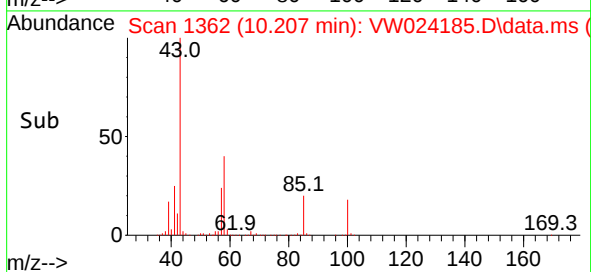
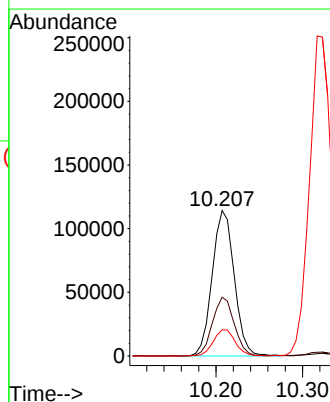
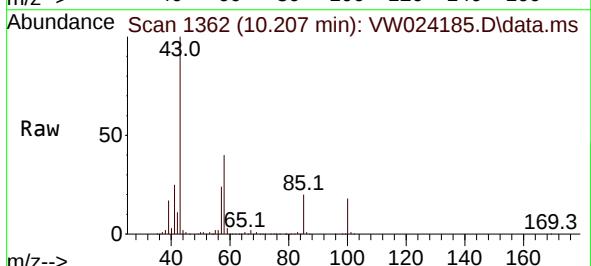
Tgt Ion: 43 Resp: 202198

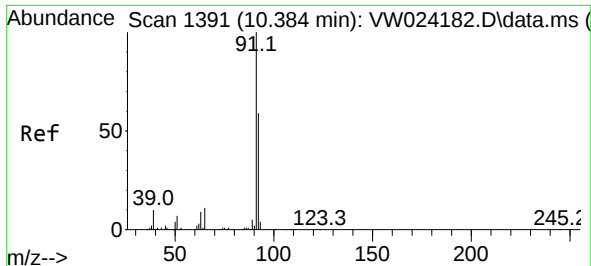
Ion Ratio Lower Upper

43 100

58 39.9 30.5 45.7

100 17.9 13.8 20.6

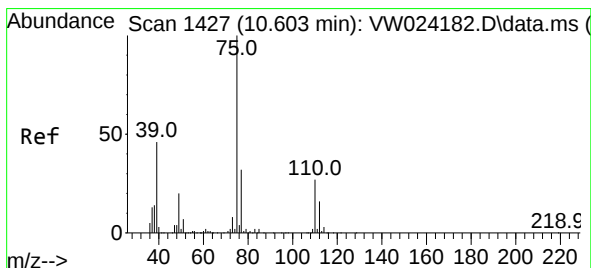
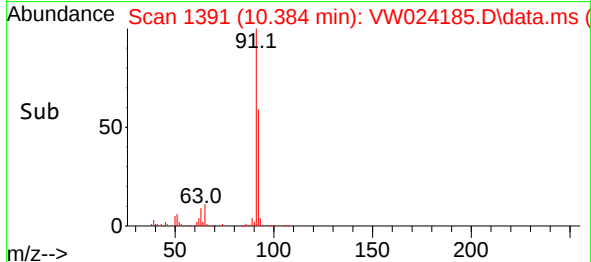
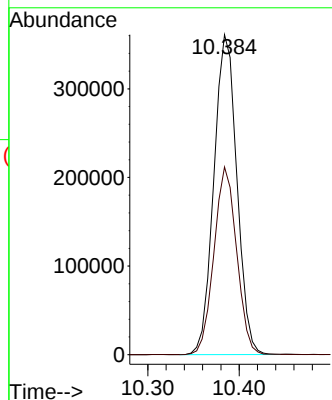
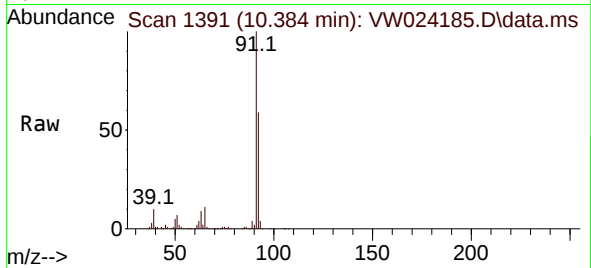




#42
Toluene
Concen: 20.691 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

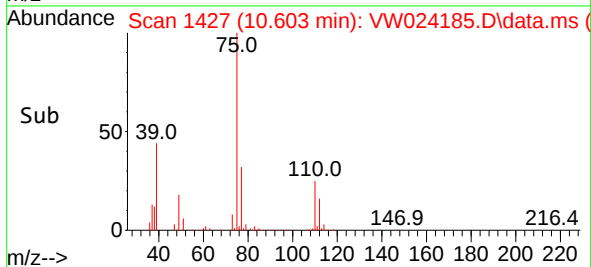
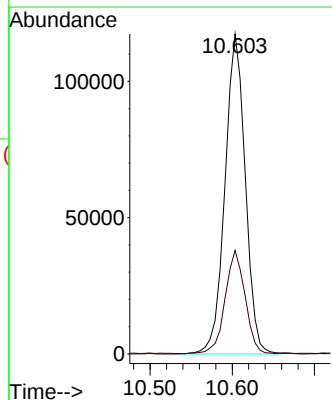
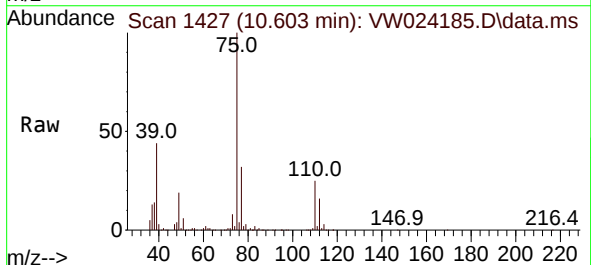
Instrument :
MSVOA_W
ClientSampleId :
EY139MS

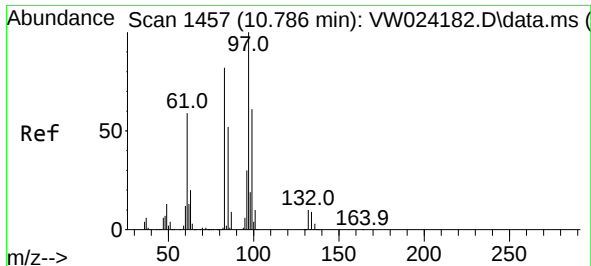
Tgt Ion: 91 Resp: 631090
Ion Ratio Lower Upper
91 100
92 58.6 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 21.166 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

Tgt Ion: 75 Resp: 201877
Ion Ratio Lower Upper
75 100
77 32.3 22.4 41.6



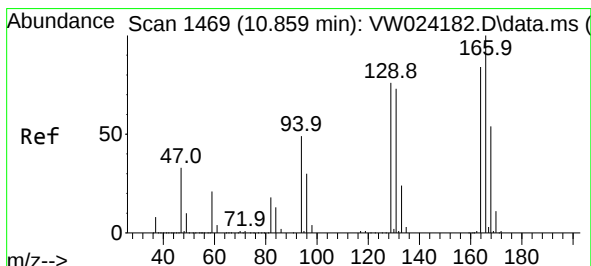
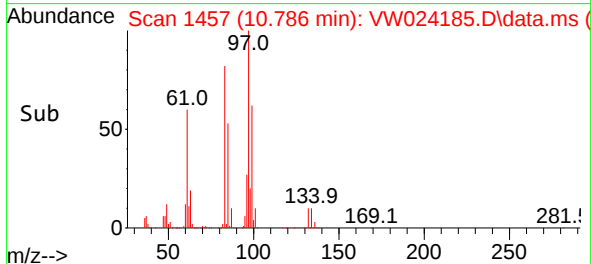
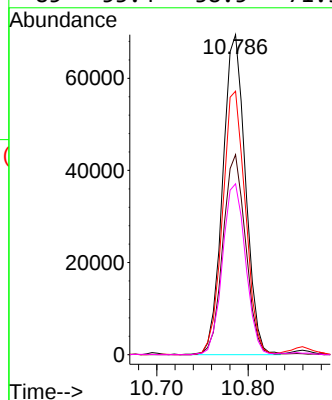
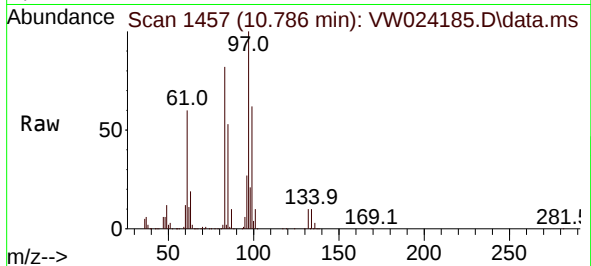


#45
1,1,2-Trichloroethane
Concen: 20.137 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

Instrument :
MSVOA_W
ClientSampleId :
EY139MS

Tgt Ion: 97 Resp: 120422

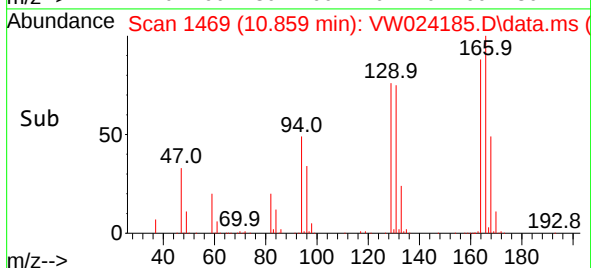
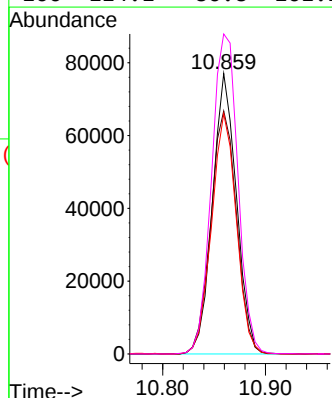
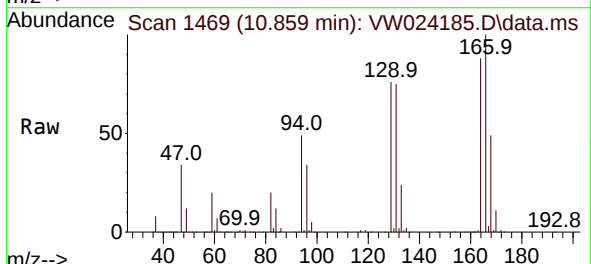
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.8	81.3
83	82.3	56.4	104.7
85	53.4	38.5	71.5

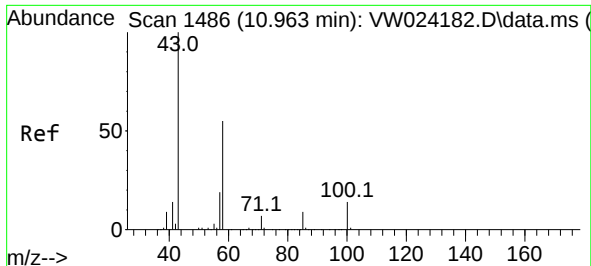


#46
Tetrachloroethene
Concen: 20.292 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

Tgt Ion: 164 Resp: 124630

Ion	Ratio	Lower	Upper
164	100		
129	86.6	63.1	117.3
131	85.6	63.9	118.7
166	114.1	86.8	161.2

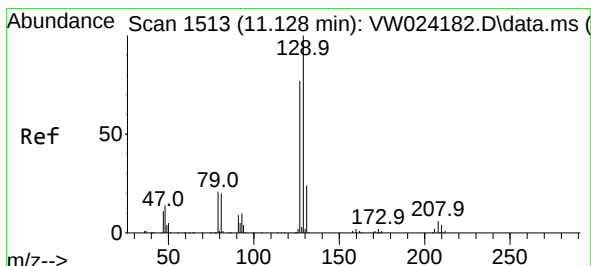
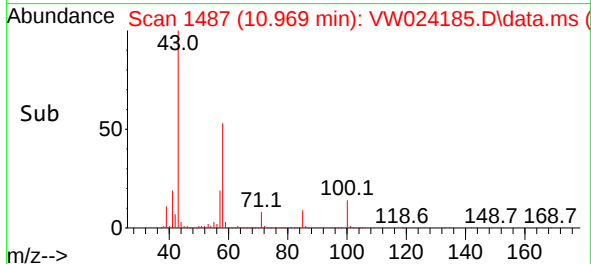
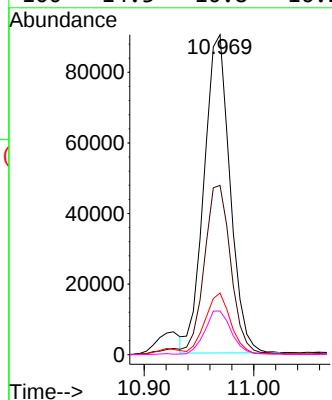
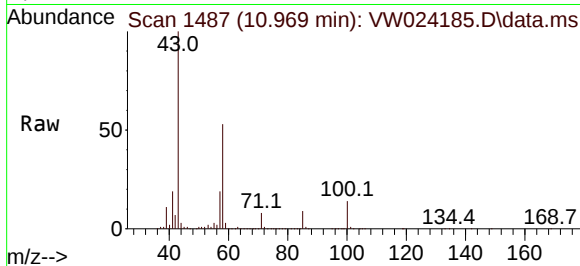




#48
2-Hexanone
Concen: 46.609 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

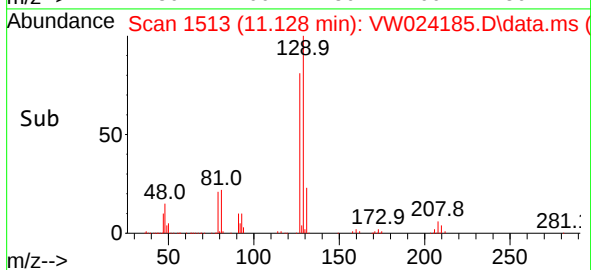
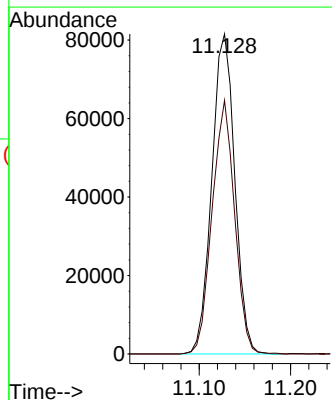
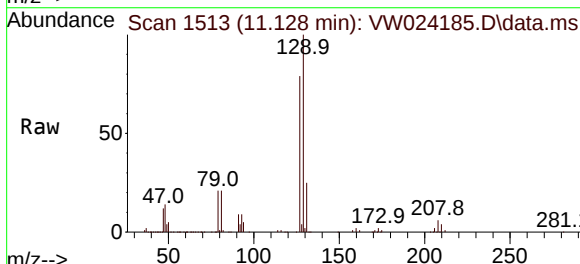
Instrument :
MSVOA_W
ClientSampleId :
EY139MS

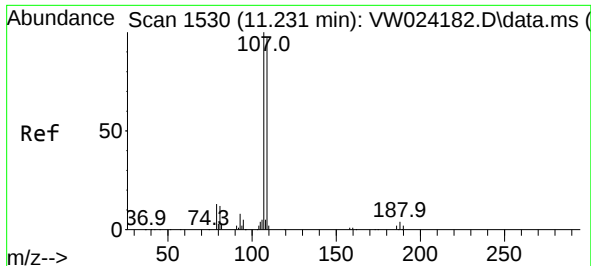
Tgt Ion: 43 Resp: 148947
Ion Ratio Lower Upper
43 100
58 54.7 43.4 65.0
57 19.2 15.0 22.4
100 14.3 10.8 16.2



#49
Dibromochloromethane
Concen: 19.796 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

Tgt Ion: 129 Resp: 142521
Ion Ratio Lower Upper
129 100
127 79.3 52.3 97.1

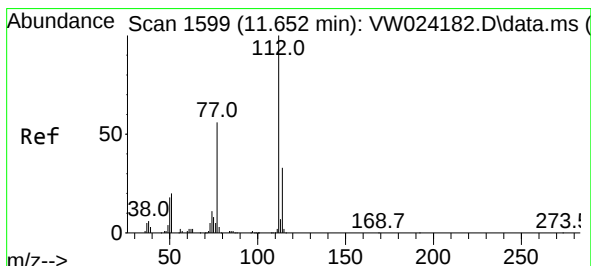
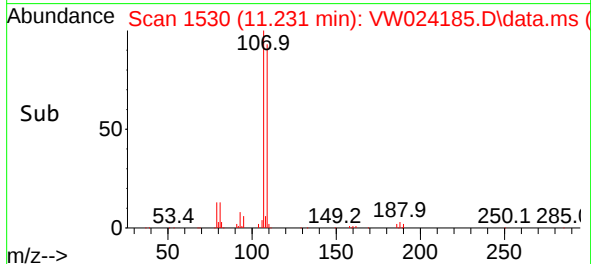
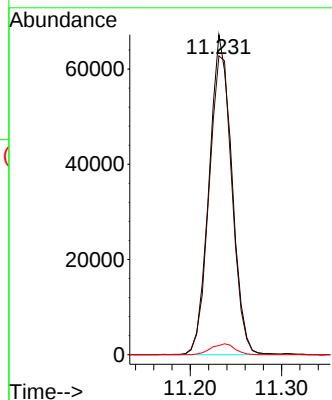
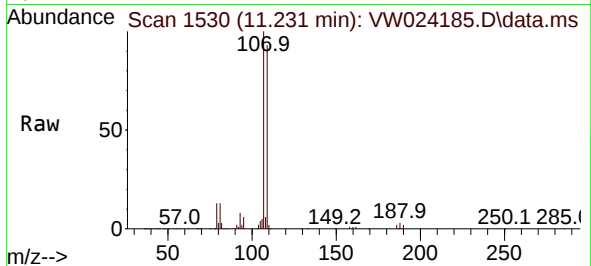




#50
1,2-Dibromoethane
Concen: 20.212 ug/L
RT: 11.231 min Scan# 115808
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

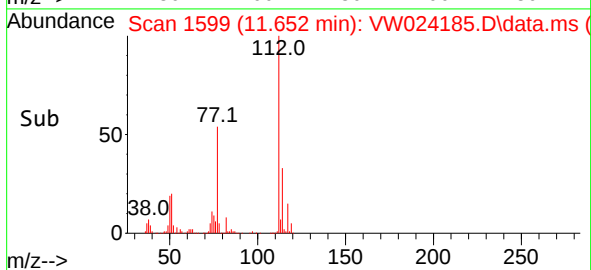
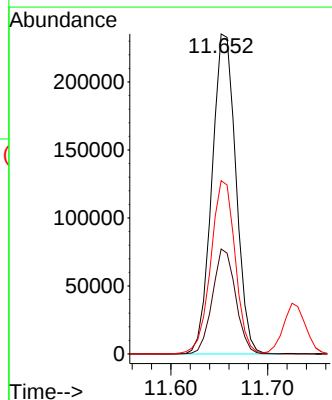
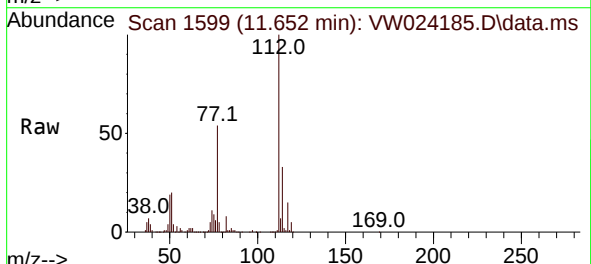
Instrument :
MSVOA_W
ClientSampleId :
EY139MS

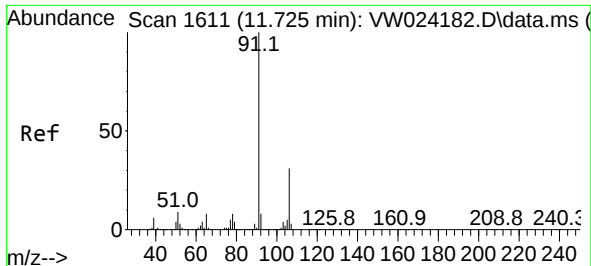
Tgt Ion:107 Resp: 115808
Ion Ratio Lower Upper
107 100
109 93.4 64.0 119.0
188 2.9 3.1 4.7#



#51
Chlorobenzene
Concen: 19.476 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

Tgt Ion:112 Resp: 405873
Ion Ratio Lower Upper
112 100
114 32.8 20.7 38.5
77 54.1 41.4 62.2

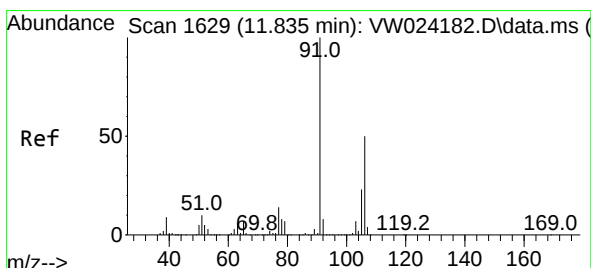
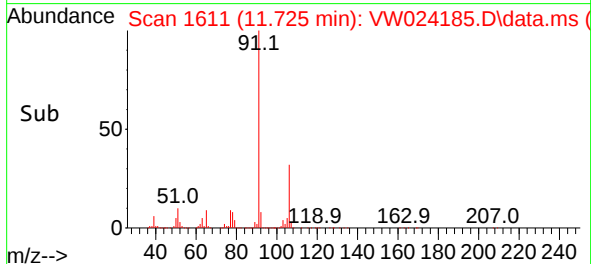
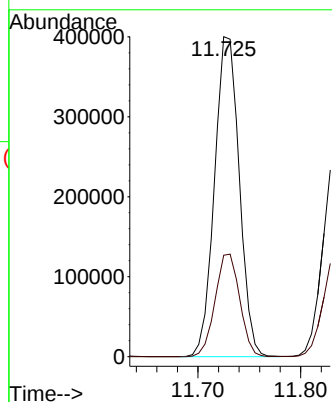
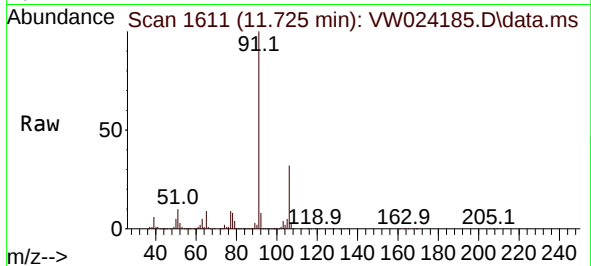




#52
Ethylbenzene
Concen: 20.035 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

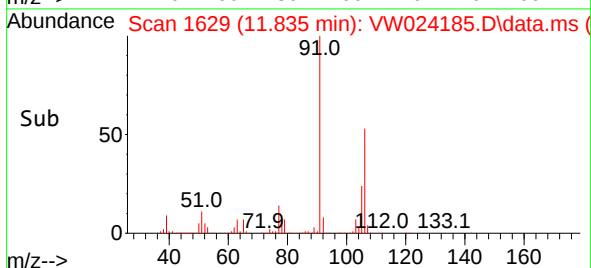
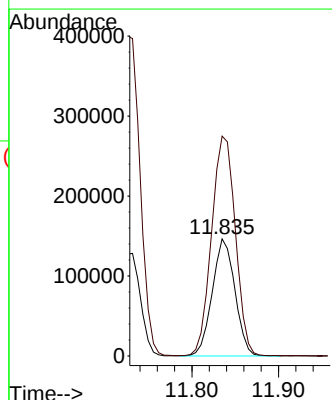
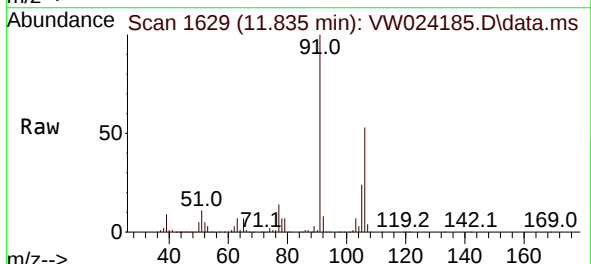
Instrument :
MSVOA_W
ClientSampleId :
EY139MS

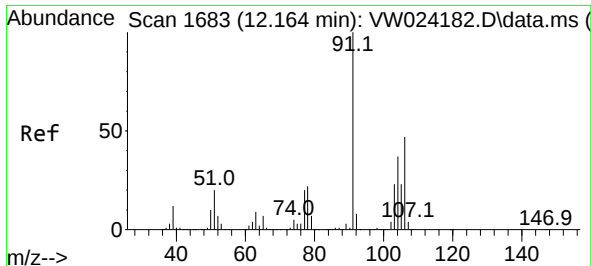
Tgt Ion: 91 Resp: 669525
Ion Ratio Lower Upper
91 100
106 31.7 21.9 40.7



#53
m,p-Xylene
Concen: 20.457 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

Tgt Ion: 106 Resp: 266106
Ion Ratio Lower Upper
106 100
91 187.7 144.1 267.7

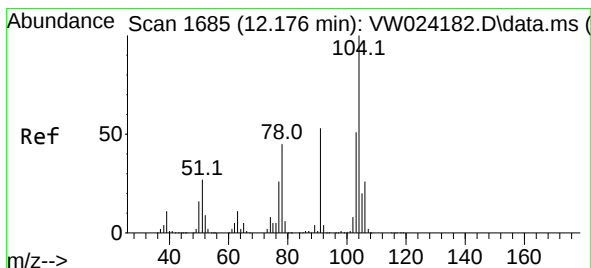
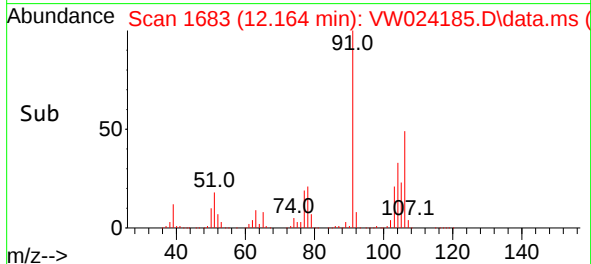
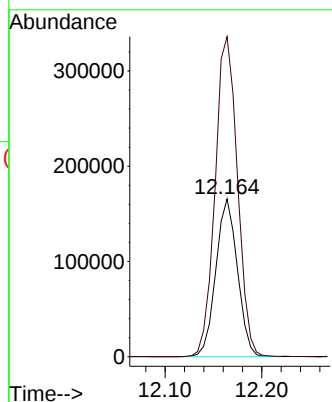
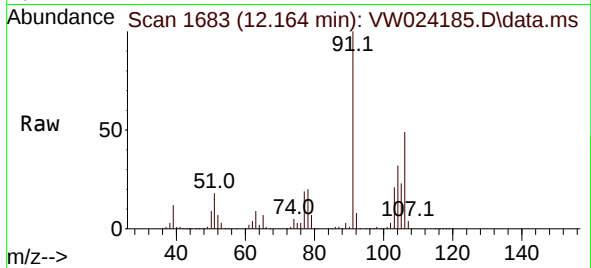




#54
o-Xylene
Concen: 20.855 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

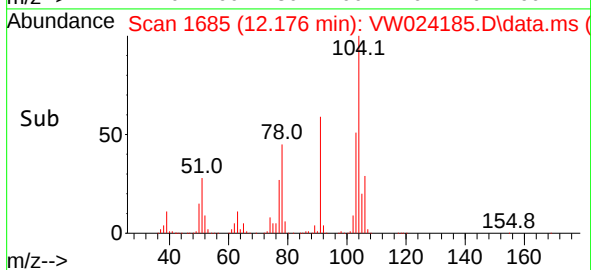
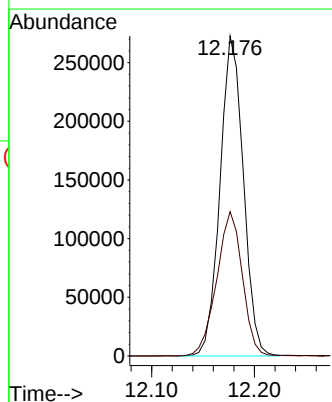
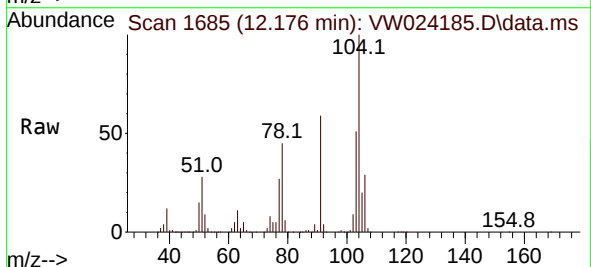
Instrument :
MSVOA_W
ClientSampleId :
EY139MS

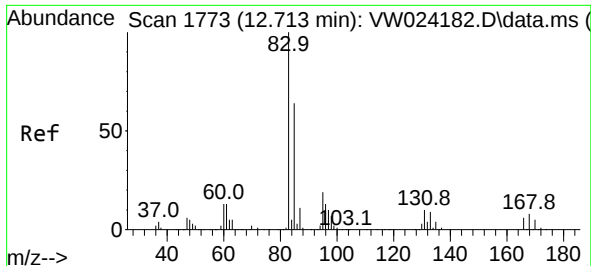
Tgt Ion:106 Resp: 256278
Ion Ratio Lower Upper
106 100
91 202.9 150.9 280.3



#55
Styrene
Concen: 20.114 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

Tgt Ion:104 Resp: 429896
Ion Ratio Lower Upper
104 100
78 45.1 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 19.500 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

EY139MS

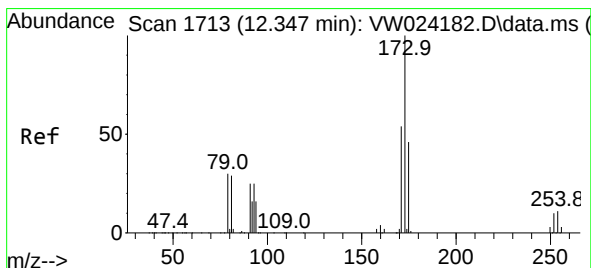
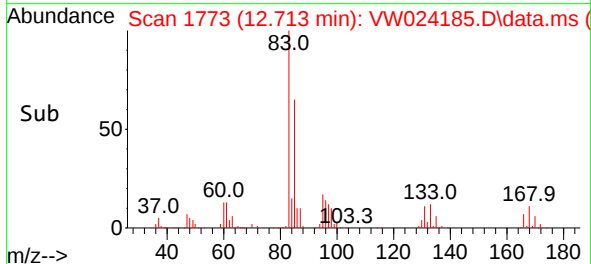
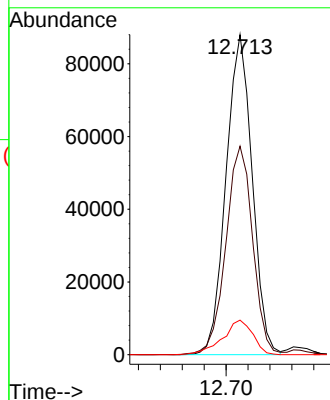
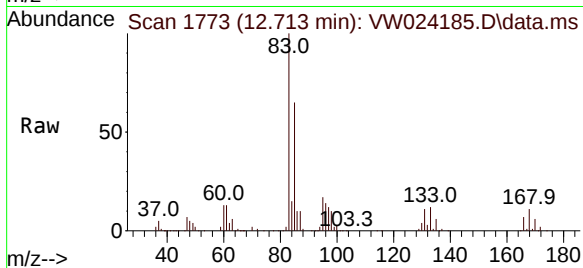
Tgt Ion: 83 Resp: 145736

Ion Ratio Lower Upper

83 100

85 65.2 44.1 81.9

131 10.8 8.3 12.5



#59

Bromoform

Concen: 22.924 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

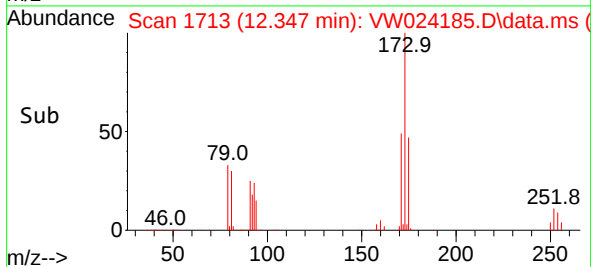
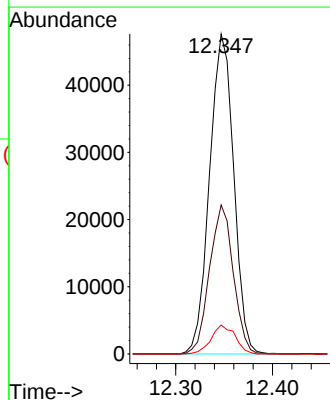
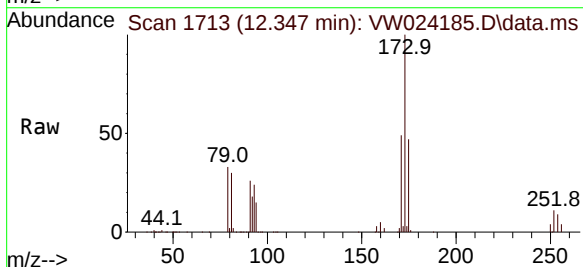
Tgt Ion:173 Resp: 82677

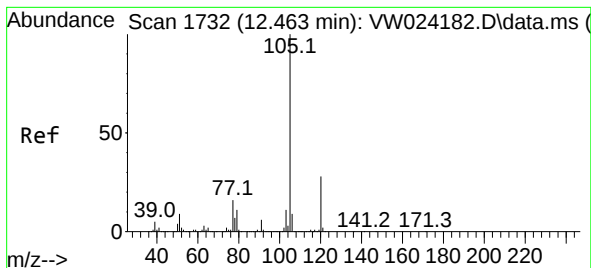
Ion Ratio Lower Upper

173 100

175 45.8 39.0 58.6

254 9.0 6.8 10.2





#60

Isopropylbenzene

Concen: 23.363 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

EY139MS

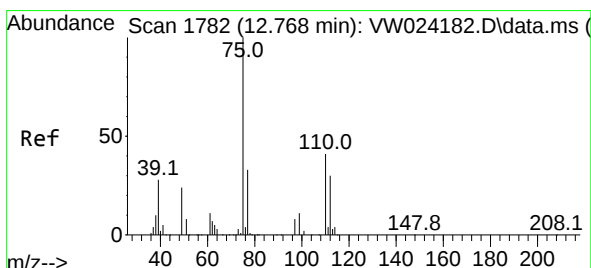
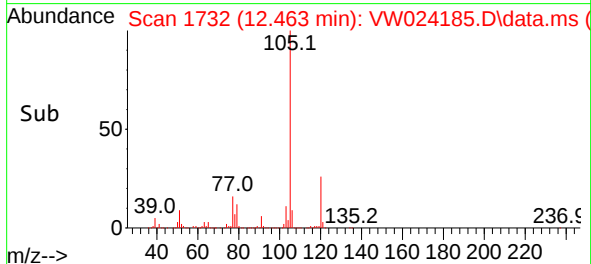
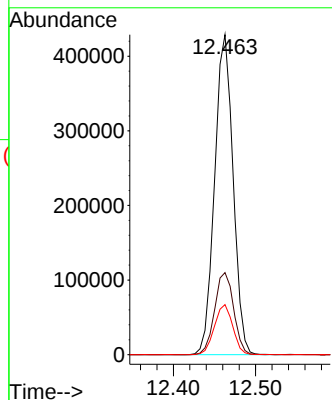
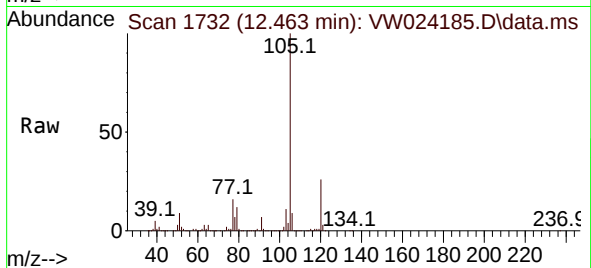
Tgt Ion:105 Resp: 668731

Ion Ratio Lower Upper

105 100

120 26.5 21.4 32.2

77 15.6 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 22.069 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

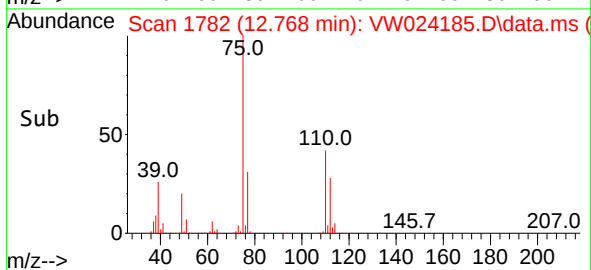
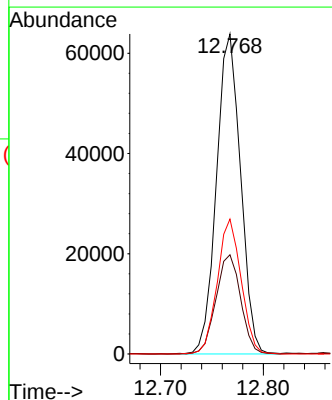
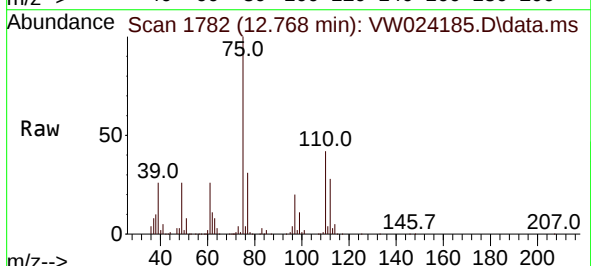
Tgt Ion: 75 Resp: 103848

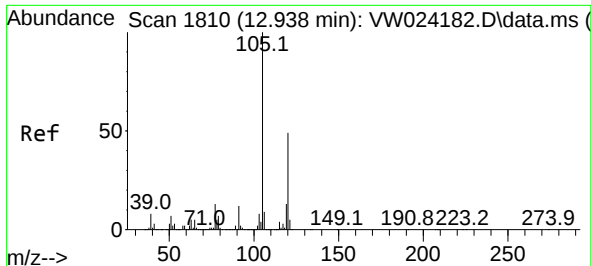
Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.4

110 41.6 33.6 50.4

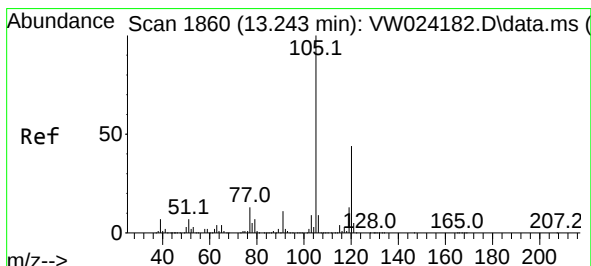
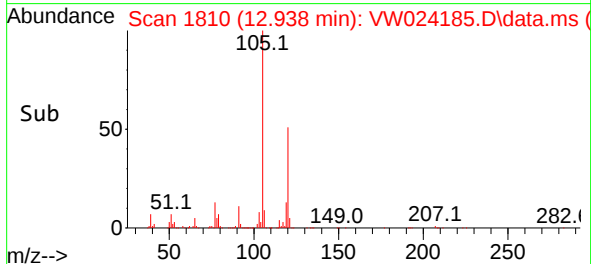
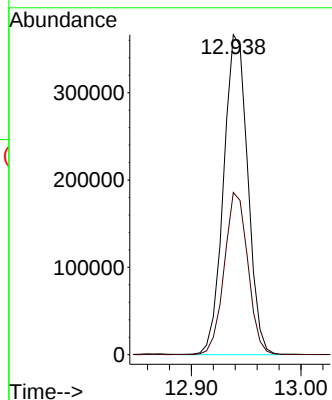
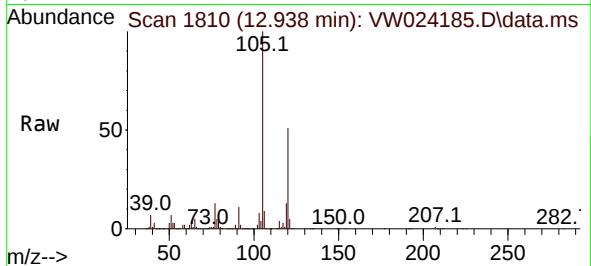




#62
1,3,5-Trimethylbenzene
Concen: 23.768 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

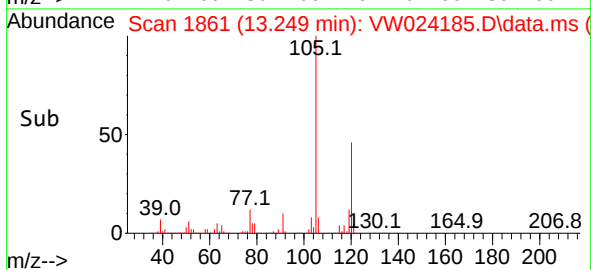
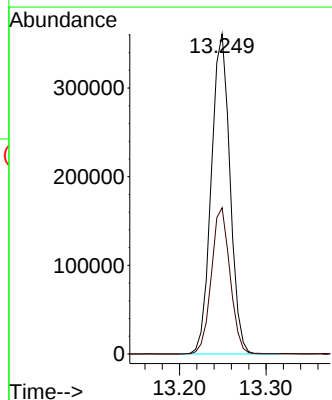
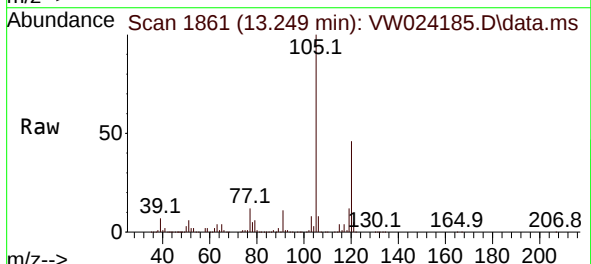
Instrument :
MSVOA_W
ClientSampleId :
EY139MS

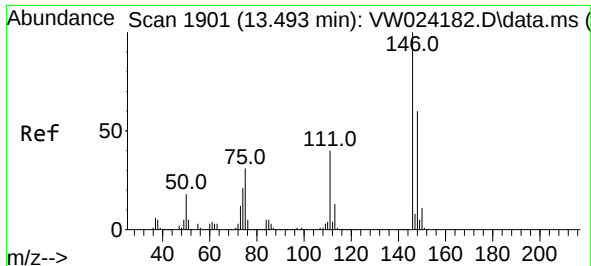
Tgt Ion:105 Resp: 562194
Ion Ratio Lower Upper
105 100
120 49.5 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 23.235 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

Tgt Ion:105 Resp: 541260
Ion Ratio Lower Upper
105 100
120 45.6 36.4 54.6

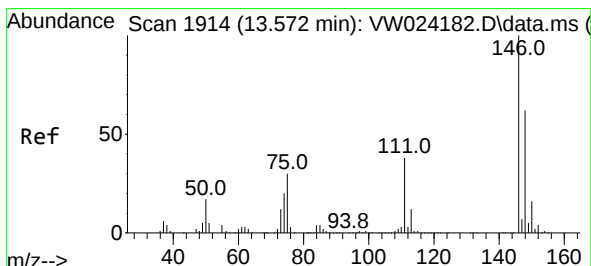
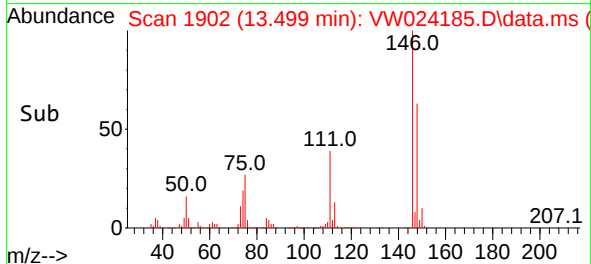
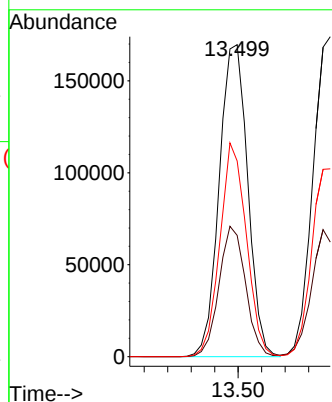
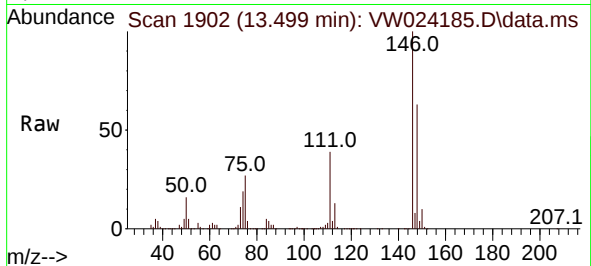




#64
1,3-Dichlorobenzene
Concen: 20.370 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

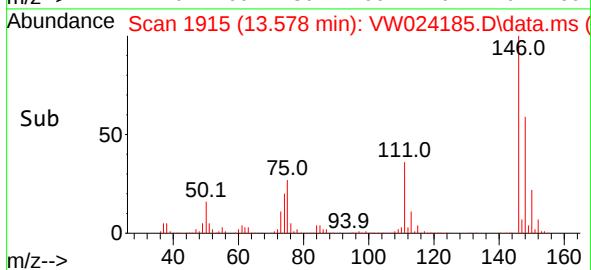
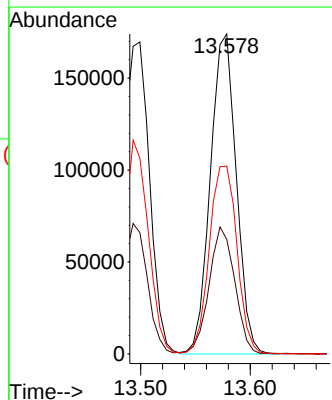
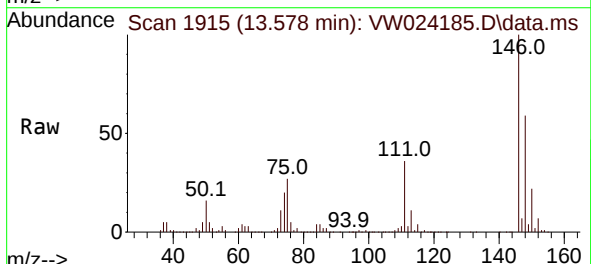
Instrument :
MSVOA_W
ClientSampleId :
EY139MS

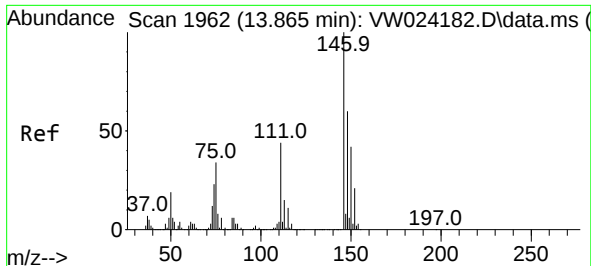
Tgt Ion:146 Resp: 285512
Ion Ratio Lower Upper
146 100
111 38.9 28.0 52.0
148 62.7 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 19.299 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

Tgt Ion:146 Resp: 286431
Ion Ratio Lower Upper
146 100
111 35.8 27.6 51.4
148 58.7 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 19.820 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

EY139MS

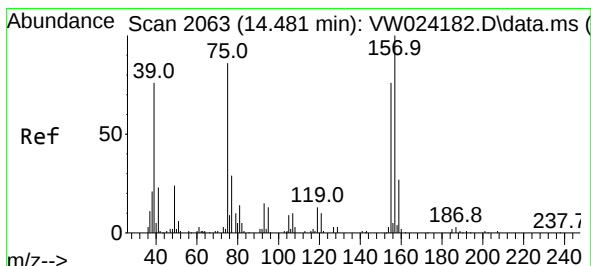
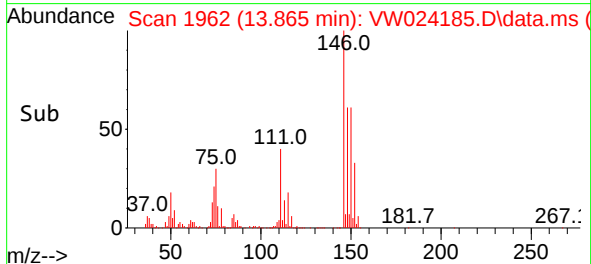
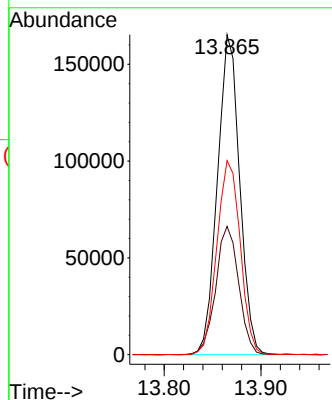
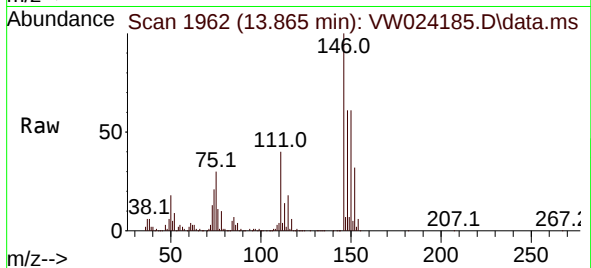
Tgt Ion:146 Resp: 263810

Ion Ratio Lower Upper

146 100

111 40.1 29.0 43.6

148 60.7 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 19.765 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

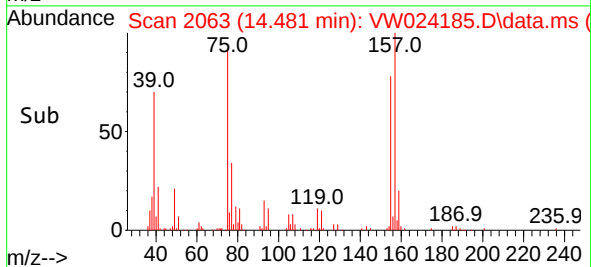
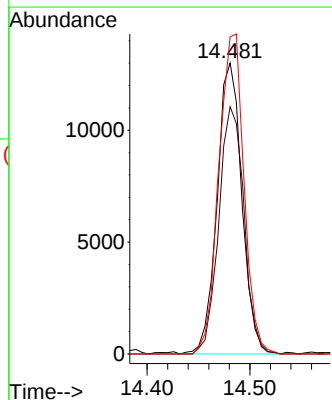
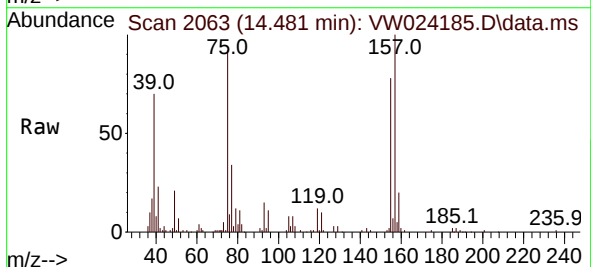
Tgt Ion: 75 Resp: 21730

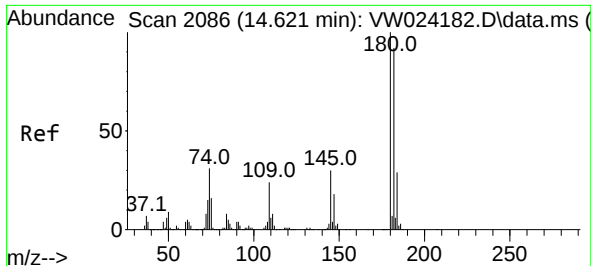
Ion Ratio Lower Upper

75 100

155 84.9 68.8 103.2

157 108.9 91.5 137.3





#69

1,3,5-Trichlorobenzene

Concen: 18.422 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

EY139MS

Tgt Ion:180 Resp: 169312

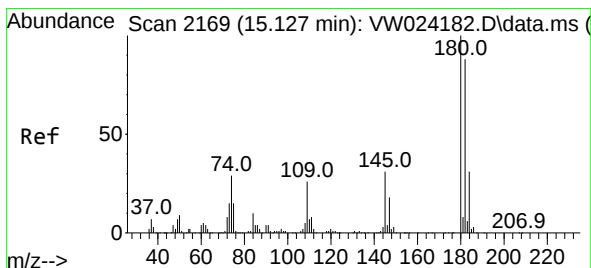
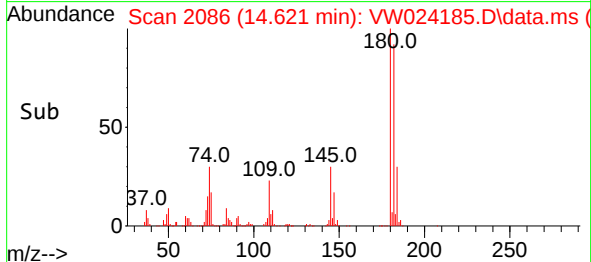
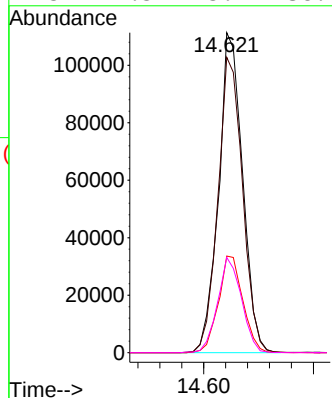
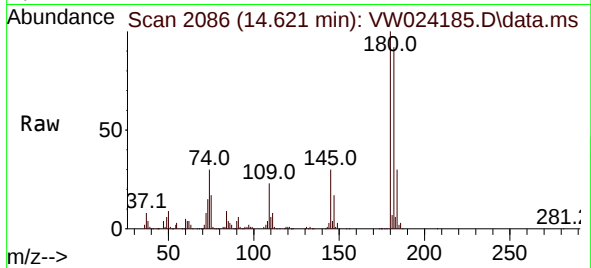
Ion Ratio Lower Upper

180 100

182 94.6 78.4 117.6

184 30.8 24.7 37.1

145 29.5 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 16.021 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024185.D

Acq: 05 Aug 2022 11:15

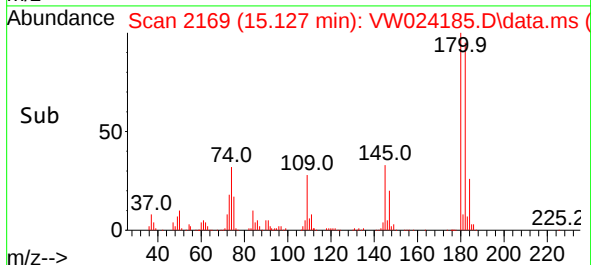
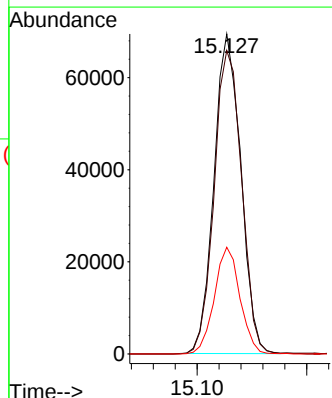
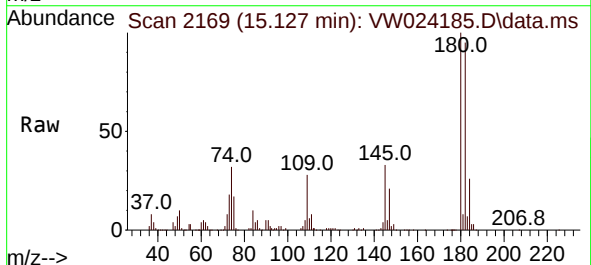
Tgt Ion:180 Resp: 117919

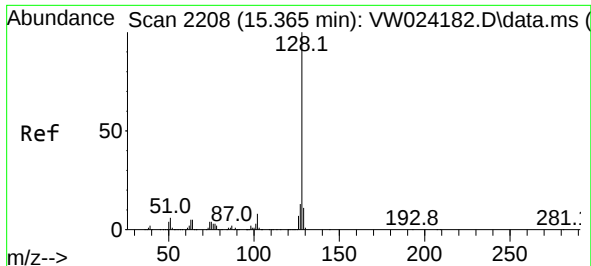
Ion Ratio Lower Upper

180 100

182 97.3 75.0 112.4

145 31.9 25.1 37.7

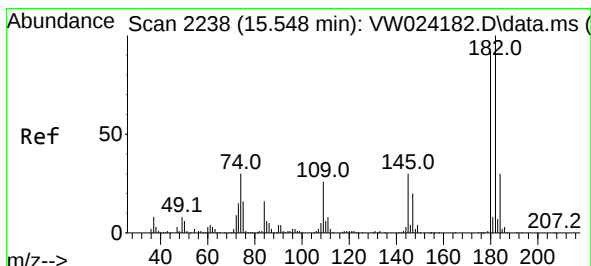
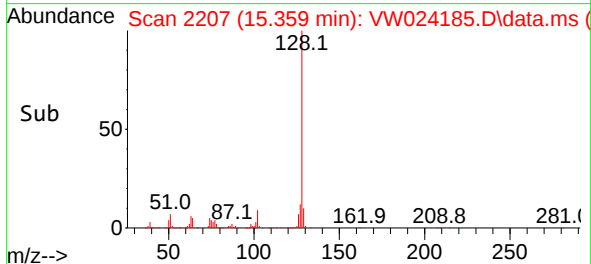
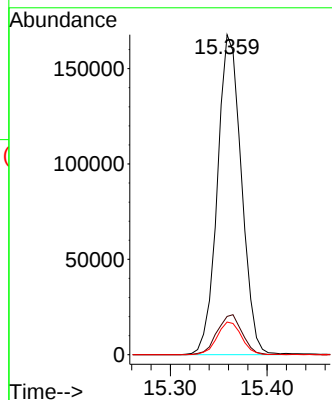
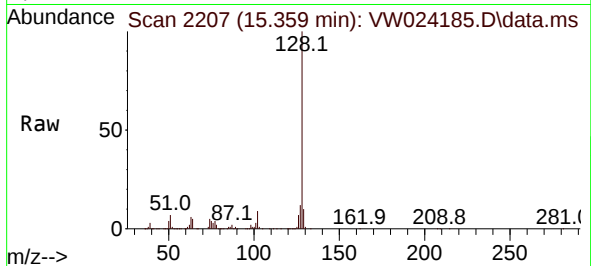




#71
Naphthalene
Concen: 20.184 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

Instrument :
MSVOA_W
ClientSampleId :
EY139MS

Tgt Ion:128 Resp: 289376
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.3 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 16.348 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW024185.D
Acq: 05 Aug 2022 11:15

Tgt Ion:180 Resp: 109548
Ion Ratio Lower Upper
180 100
182 91.7 75.4 113.2
145 32.0 26.9 40.3

