

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082322\
 Data File : VW024314.D
 Acq On : 23 Aug 2022 19:53
 Operator : SY/VA
 Sample : N4322-03MSD
 Misc : 4.84g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EY163MSD

Quant Time: Aug 24 01:10:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 24 01:06:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	221026	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	186467	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	66168	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	105515	22.839	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.360%
7) Chloroethane-d5	2.873	69	83073	28.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.480%
11) 1,1-Dichloroethene-d2	4.013	63	104477	19.843	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.360%
21) 2-Butanone-d5	7.080	46	46055	53.582	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.160%
24) Chloroform-d	7.647	84	182635	27.309	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.240%
26) 1,2-Dichloroethane-d4	8.305	65	100822	27.154	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	8.269	84	320870	29.178	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.720%
36) 1,2-Dichloropropane-d6	9.275	67	103824	31.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.920%#
41) Toluene-d8	10.323	98	272003	26.462	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.840%
43) trans-1,3-Dichloroprop...	10.579	79	35534	24.986	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.960%
47) 2-Hexanone-d5	10.921	63	34825	58.068	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.140%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	98596	31.298	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.200%#
66) 1,2-Dichlorobenzene-d4	13.853	152	60973	25.181	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	51111	26.284	ug/L	99
3) Chloromethane	2.209	50	79359	21.761	ug/L	99
5) Vinyl chloride	2.349	62	144883	28.539	ug/L	99
6) Bromomethane	2.763	94	85733	29.453	ug/L	94
8) Chloroethane	2.910	64	73035	32.843	ug/L	96
9) Trichlorofluoromethane	3.245	101	58491	24.305	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	70825	21.821	ug/L #	67
12) 1,1-Dichloroethene	4.032	96	56908	21.417	ug/L	94
13) Acetone	4.123	43	38059	60.142	ug/L	96
14) Carbon disulfide	4.373	76	144882	17.039	ug/L	98
15) Methyl Acetate	4.672	43	34970	24.534	ug/L	96
16) Methylene chloride	4.903	84	96794	24.834	ug/L	91
17) trans-1,2-Dichloroethene	5.415	96	71192	23.200	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	143782	32.859	ug/L #	89
19) 1,1-Dichloroethane	6.208	63	162084	29.986	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	88126	26.150	ug/L #	99
22) 2-Butanone	7.165	43	63382	59.438	ug/L	97
23) Bromochloromethane	7.513	128	43385	25.850	ug/L	90
25) Chloroform	7.671	83	184175	30.921	ug/L	92

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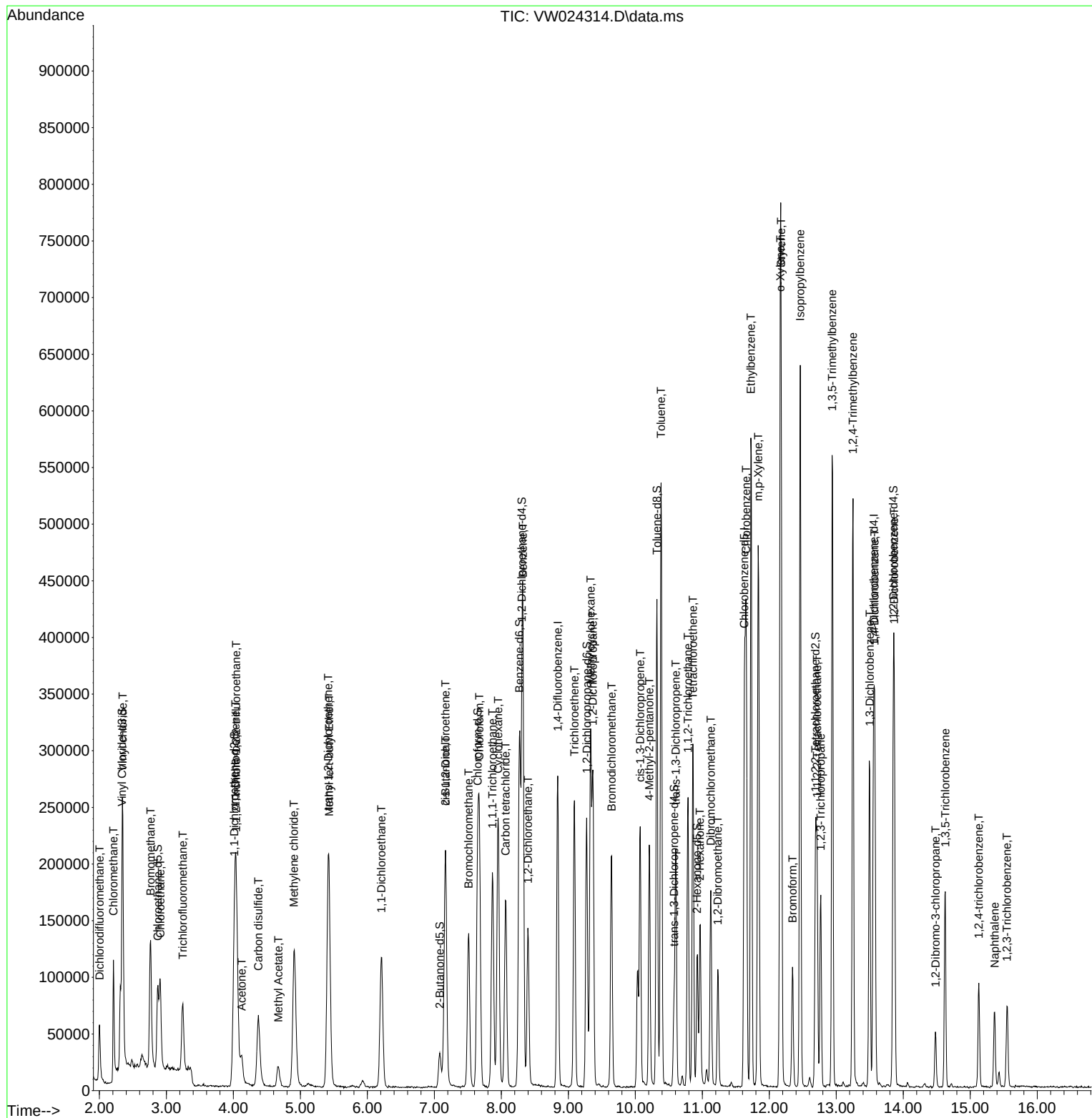
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	121294	30.263	ug/L	99
29) Cyclohexane	7.952	56	117184	30.653	ug/L	96
30) 1,1,1-Trichloroethane	7.866	97	144232	34.299	ug/L	98
31) Carbon tetrachloride	8.061	117	118530	29.878	ug/L	97
33) Benzene	8.323	78	372329	33.808	ug/L	100
34) Trichloroethene	9.092	95	86382	29.675	ug/L	93
35) Methylcyclohexane	9.335	83	117488	25.738	ug/L	97
37) 1,2-Dichloropropane	9.366	63	97479	35.806	ug/L	100
38) Bromodichloromethane	9.646	83	129194	33.835	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	127120	31.739	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	134468	74.424	ug/L	97
42) Toluene	10.384	91	380032	32.473	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	107688	29.426	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	75924	33.088	ug/L	97
46) Tetrachloroethene	10.860	164	61015	25.891	ug/L	93
48) 2-Hexanone	10.963	43	93000	75.845	ug/L	96
49) Dibromochloromethane	11.128	129	82972	30.036	ug/L	94
50) 1,2-Dibromoethane	11.231	107	64817	29.483	ug/L #	97
51) Chlorobenzene	11.652	112	207115	25.902	ug/L	93
52) Ethylbenzene	11.725	91	389524	30.379	ug/L	98
53) m,p-Xylene	11.835	106	147009	29.454	ug/L	99
54) o-Xylene	12.164	106	143618	30.458	ug/L	98
55) Styrene	12.176	104	211030	25.733	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	91650	31.959	ug/L	96
59) Bromoform	12.347	173	41953	41.567	ug/L	98
60) Isopropylbenzene	12.463	105	380586	47.513	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	66251	50.311	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	285332	43.106	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	263815	40.468	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	110266	28.112	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	104195	25.086	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	105552	28.338	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	12014	39.050	ug/L	86
69) 1,3,5-Trichlorobenzene	14.627	180	47579	18.499	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	25598	12.428	ug/L	96
71) Naphthalene	15.365	128	55165	13.750	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	21724	11.585	ug/L	98

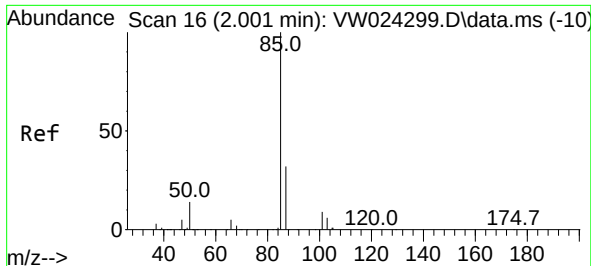
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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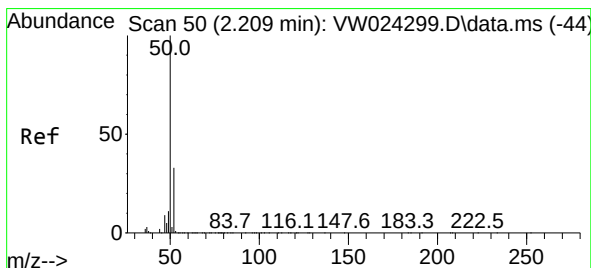
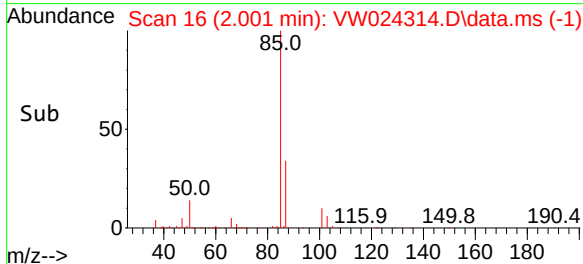
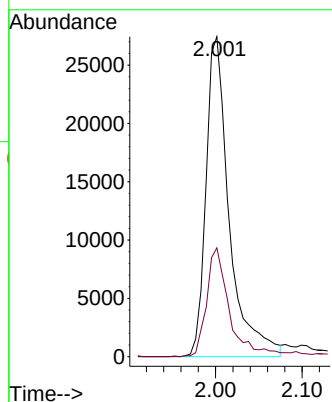
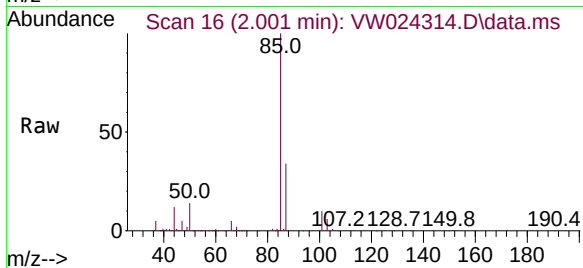




#2
 Dichlorodifluoromethane
 Concen: 26.284 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024314.D
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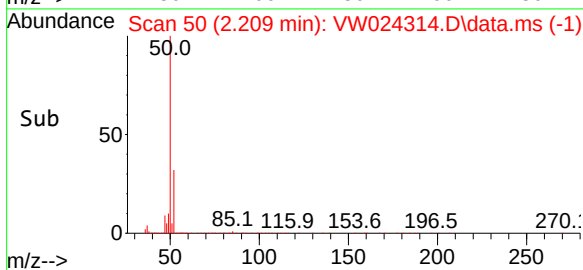
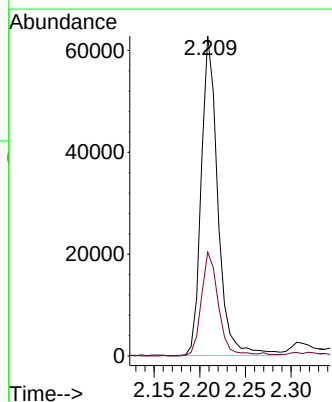
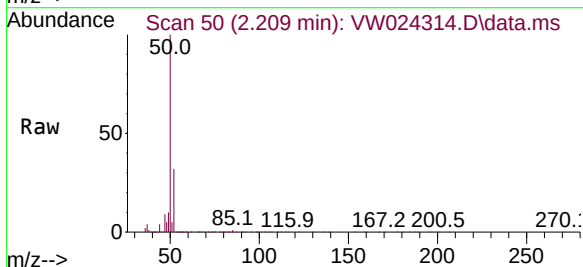
Instrument :
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 ClientSampleId :
 EY163MSD

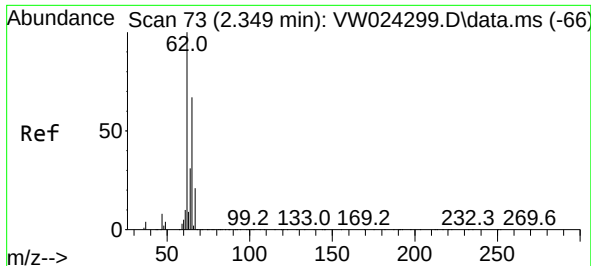
Tgt Ion: 85 Resp: 51111
 Ion Ratio Lower Upper
 85 100
 87 31.1 24.5 36.7



#3
 Chloromethane
 Concen: 21.761 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW024314.D
 Acq: 23 Aug 2022 19:53

Tgt Ion: 50 Resp: 79359
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.2 43.2

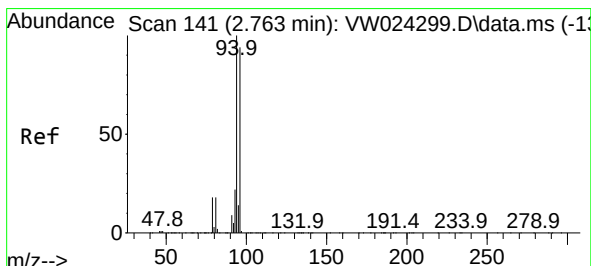
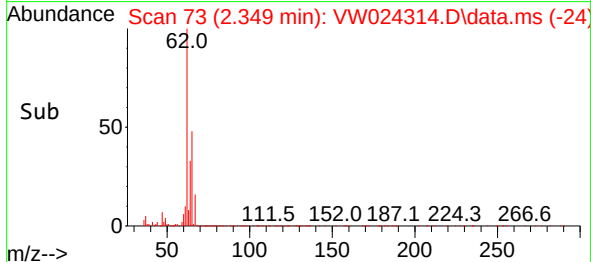
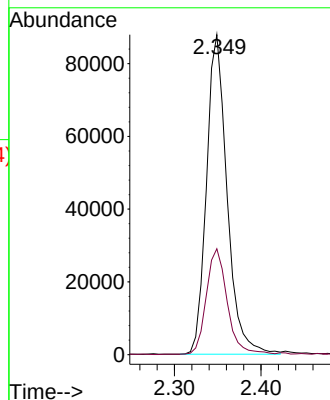
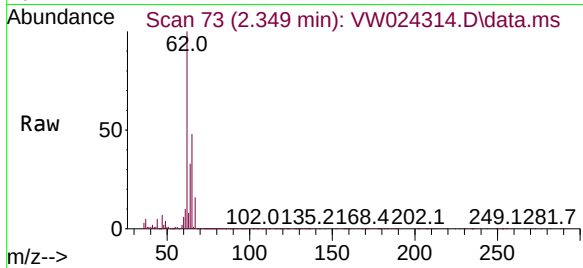




#5
 Vinyl chloride
 Concen: 28.539 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW024314.D
 Acq: 23 Aug 2022 19:53

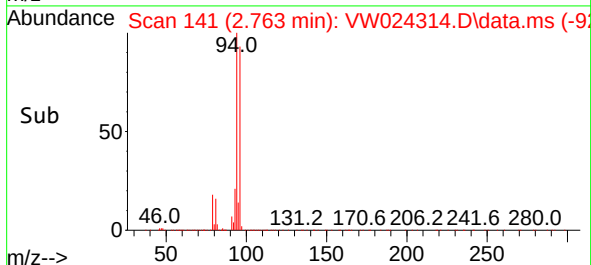
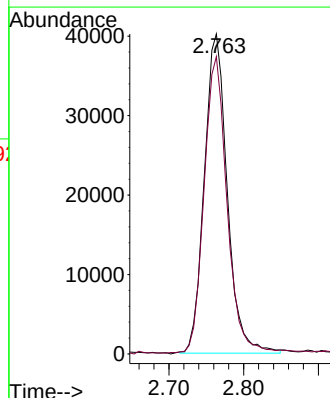
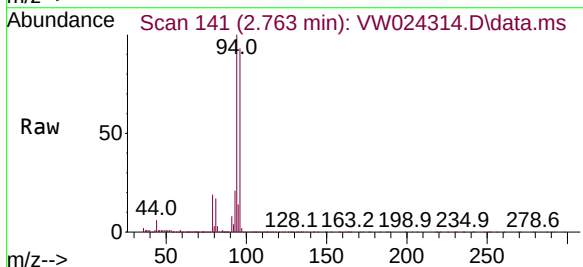
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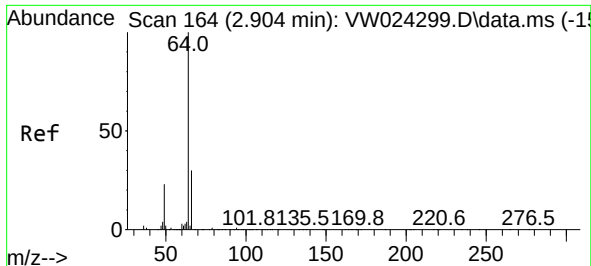
Tgt Ion: 62 Resp: 144883
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.7 42.3



#6
 Bromomethane
 Concen: 29.453 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024314.D
 Acq: 23 Aug 2022 19:53

Tgt Ion: 94 Resp: 85733
 Ion Ratio Lower Upper
 94 100
 96 92.9 61.0 113.4

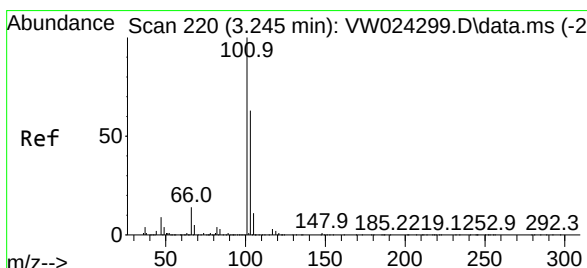
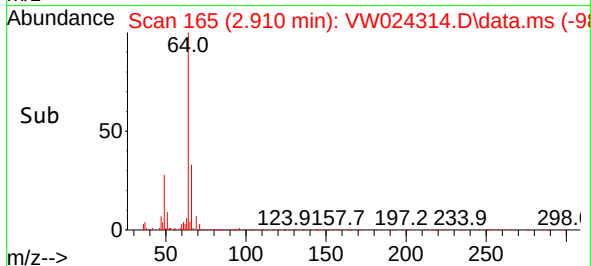
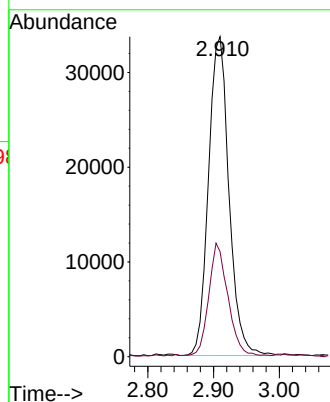
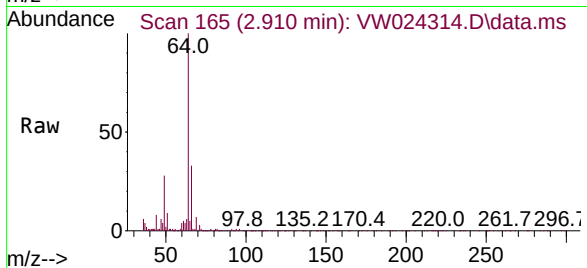




#8
Chloroethane
Concen: 32.843 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

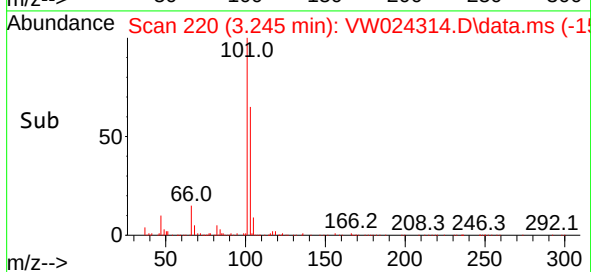
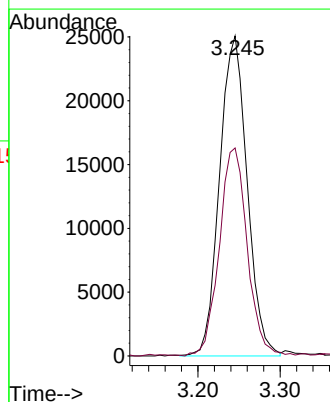
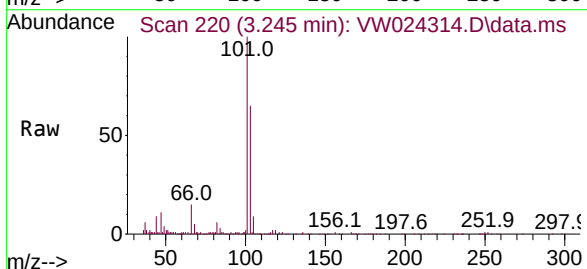
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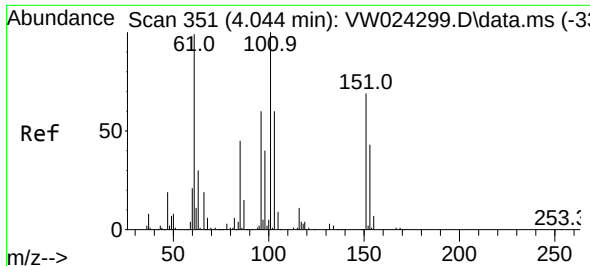
Tgt Ion: 64 Resp: 73035
Ion Ratio Lower Upper
64 100
66 32.9 21.6 40.0



#9
Trichlorofluoromethane
Concen: 24.305 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

Tgt Ion: 101 Resp: 58491
Ion Ratio Lower Upper
101 100
103 65.9 50.5 75.7

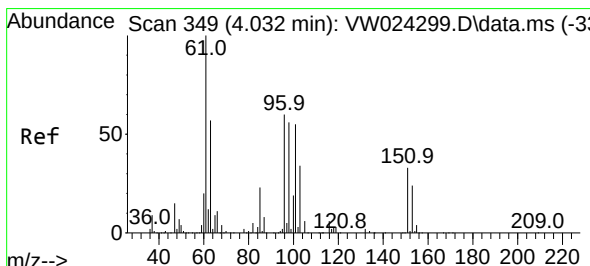
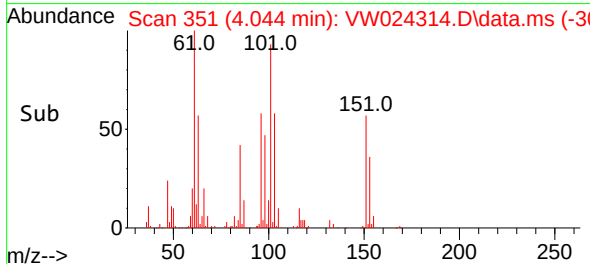
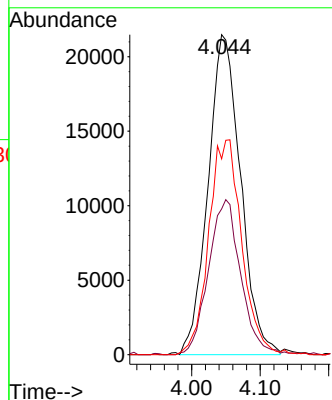
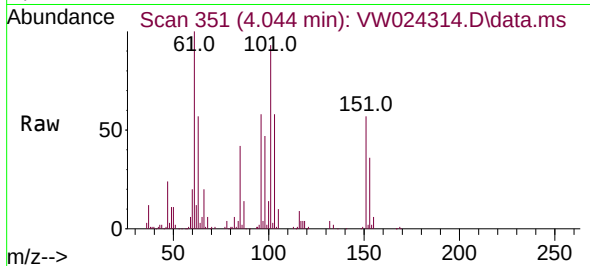




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.821 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
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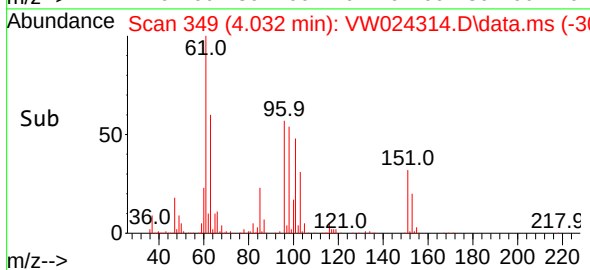
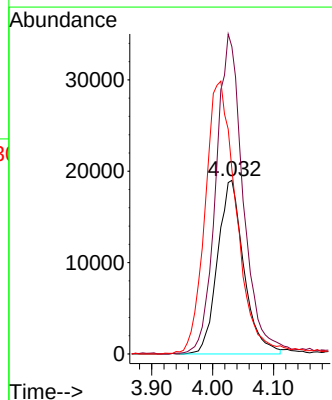
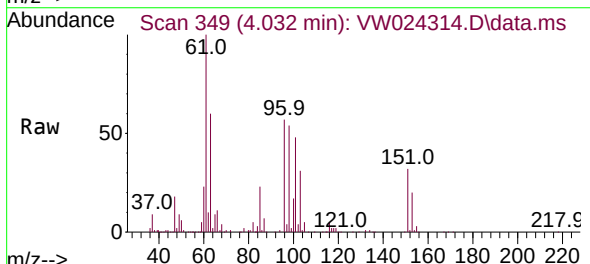
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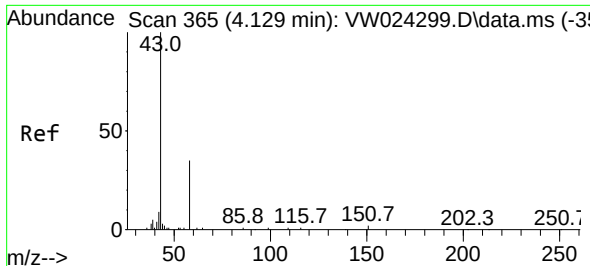
Tgt Ion:101 Resp: 70825
 Ion Ratio Lower Upper
 101 100
 85 47.7 34.9 52.3
 151 30.8 57.0 85.6#



#12
 1,1-Dichloroethene
 Concen: 21.417 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW024314.D
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Tgt Ion: 96 Resp: 56908
 Ion Ratio Lower Upper
 96 100
 61 177.0 123.1 228.5
 63 106.4 84.9 157.7

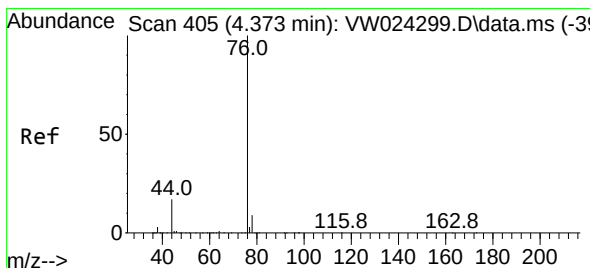
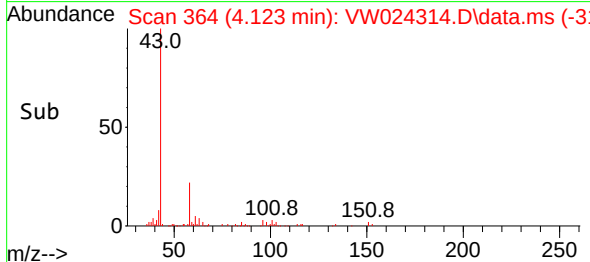
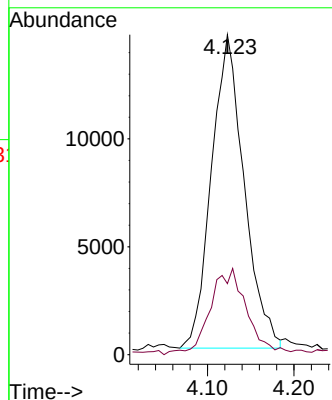
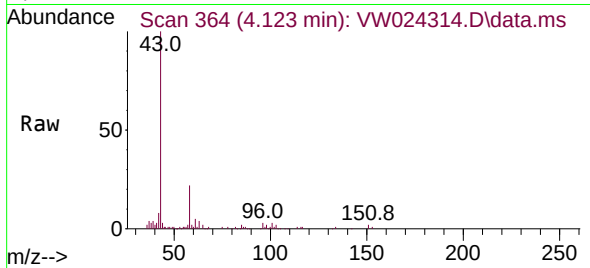




#13
Acetone
Concen: 60.142 ug/L
RT: 4.123 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

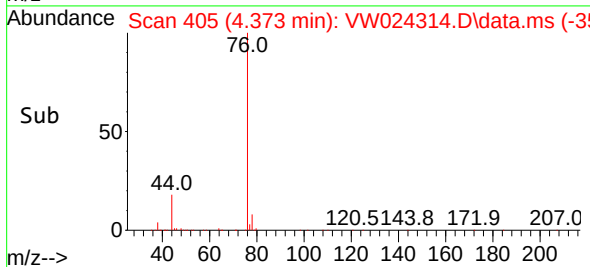
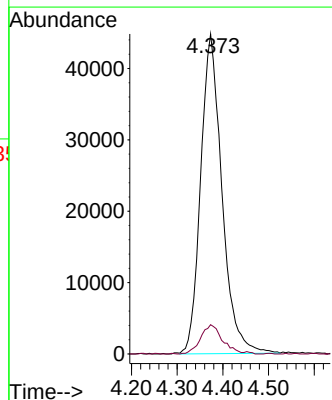
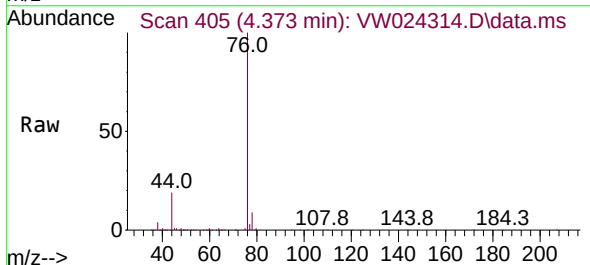
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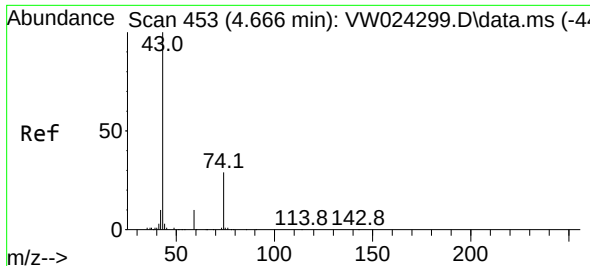
Tgt Ion: 43 Resp: 38059
Ion Ratio Lower Upper
43 100
58 14.1 0.0 31.8



#14
Carbon disulfide
Concen: 17.039 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 144882
Ion Ratio Lower Upper
76 100
78 9.2 7.9 11.9

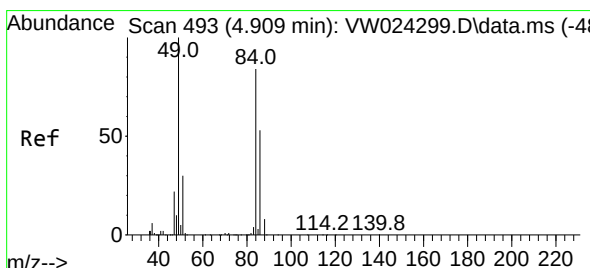
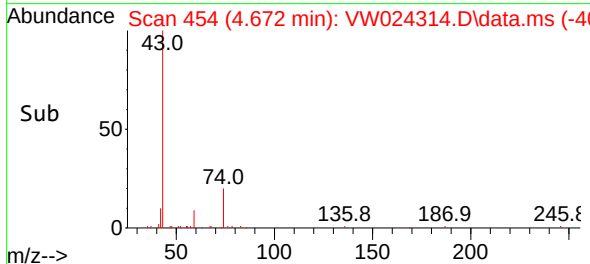
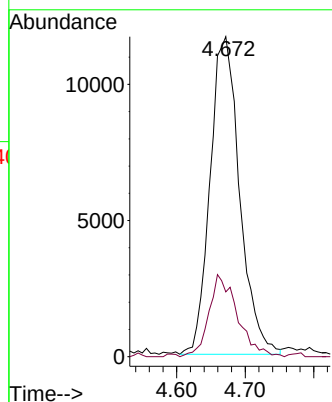
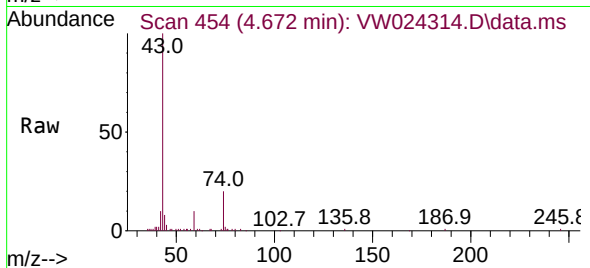




#15
Methyl Acetate
Concen: 24.534 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

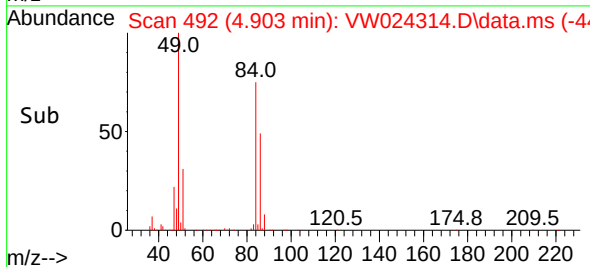
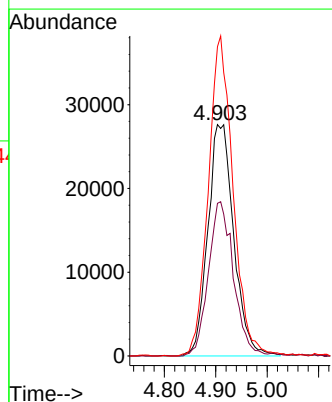
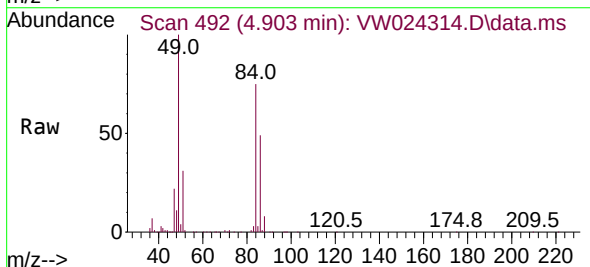
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

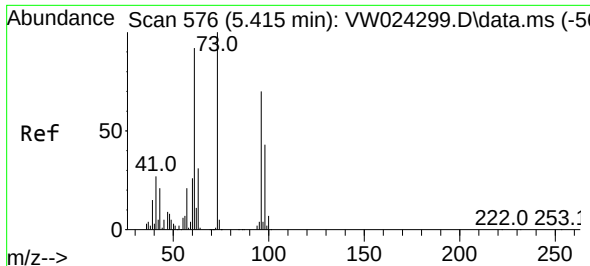
Tgt Ion: 43 Resp: 34970
Ion Ratio Lower Upper
43 100
74 24.7 21.5 32.3



#16
Methylene chloride
Concen: 24.834 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.006 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

Tgt Ion: 84 Resp: 96794
Ion Ratio Lower Upper
84 100
86 66.0 42.8 79.6
49 133.7 85.3 158.3

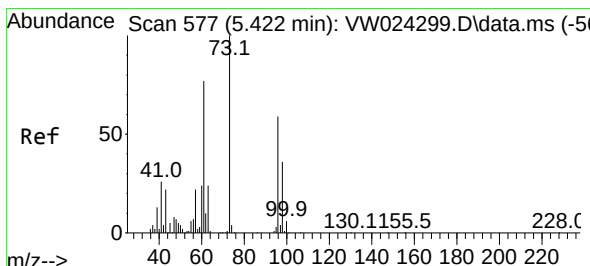
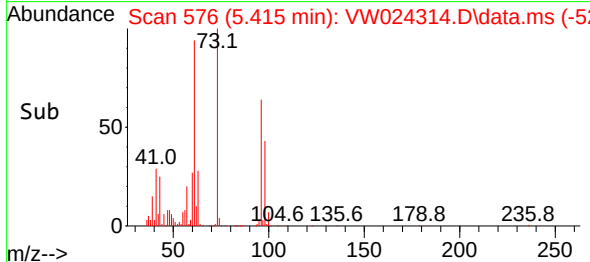
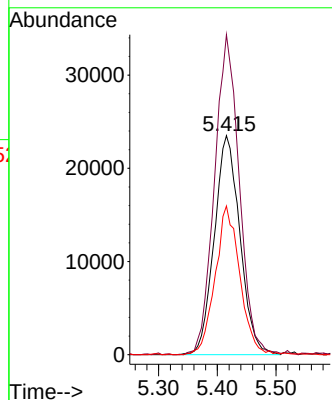
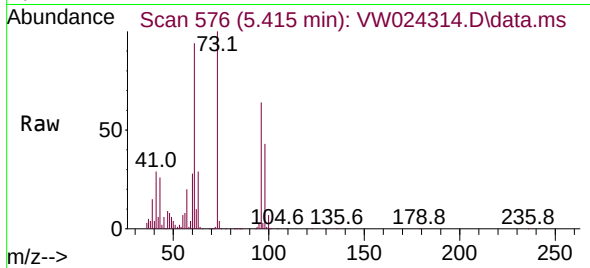




#17
trans-1,2-Dichloroethene
Concen: 23.200 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

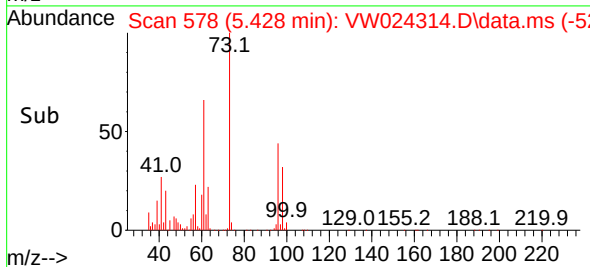
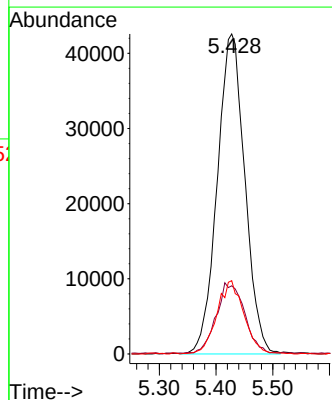
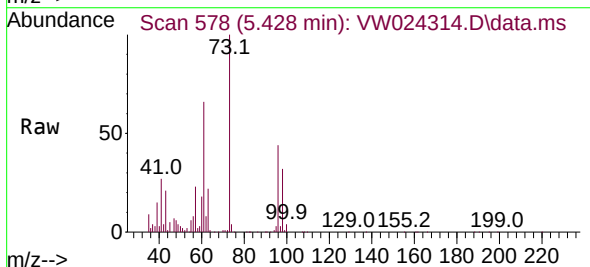
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

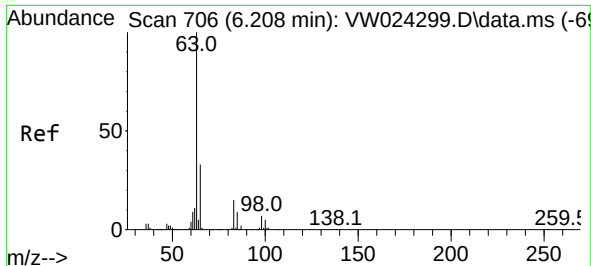
Tgt Ion: 96 Resp: 71192
Ion Ratio Lower Upper
96 100
61 146.1 93.0 172.8
98 67.8 48.5 90.1



#18
Methyl tert-butyl Ether
Concen: 32.859 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

Tgt Ion: 73 Resp: 143782
Ion Ratio Lower Upper
73 100
43 10.6 16.6 24.8
57 22.5 17.6 26.4





#19

1,1-Dichloroethane

Concen: 29.986 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

Instrument :

MSVOA_W

ClientSampleId :

EY163MSD

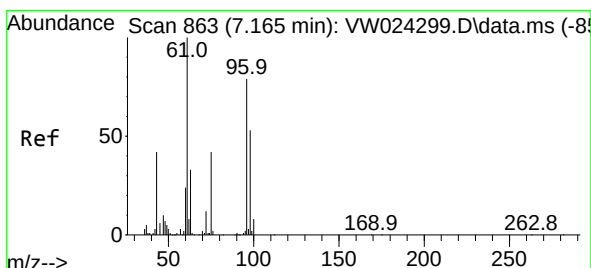
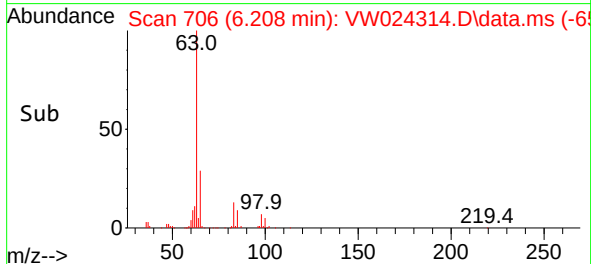
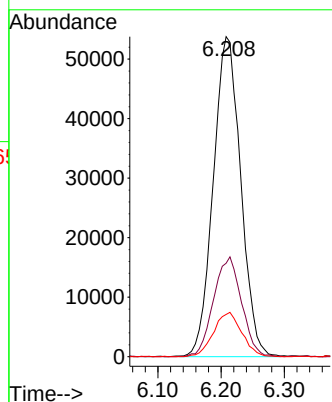
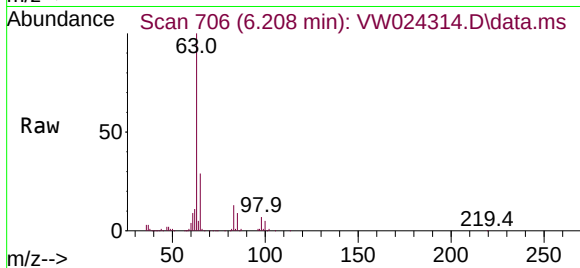
Tgt Ion: 63 Resp: 162084

Ion Ratio Lower Upper

63 100

65 29.2 22.0 41.0

83 13.2 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 26.150 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

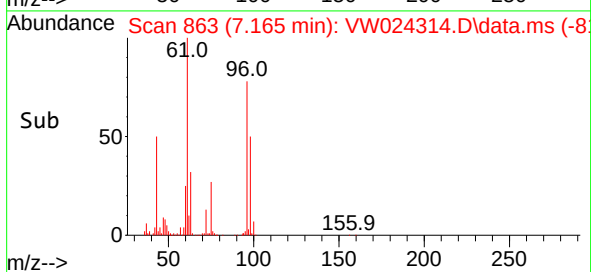
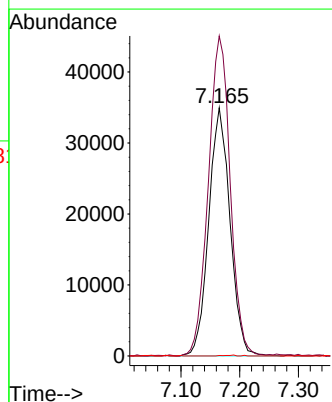
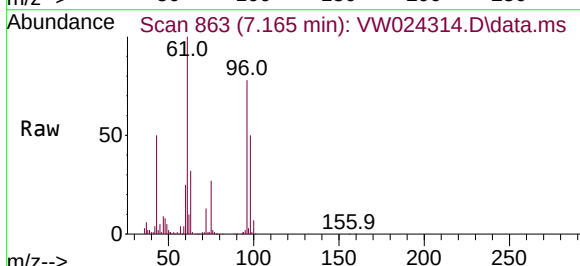
Tgt Ion: 96 Resp: 88126

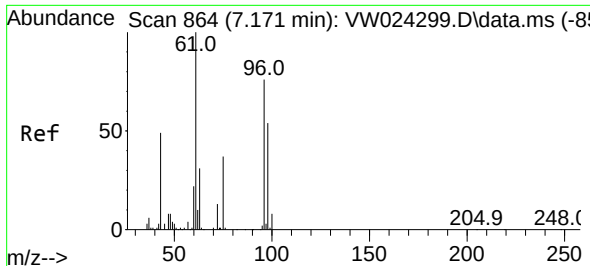
Ion Ratio Lower Upper

96 100

61 129.0 89.5 166.3

68 0.2 0.1 0.1#

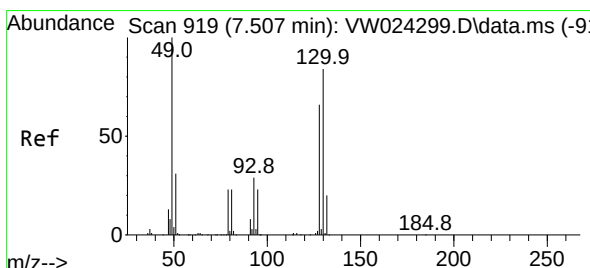
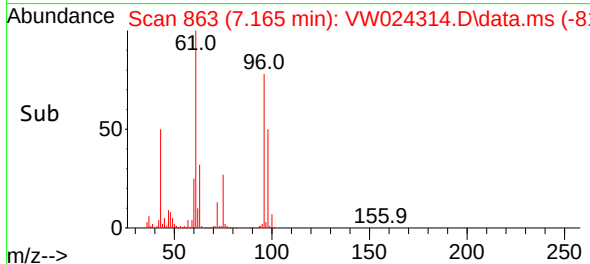
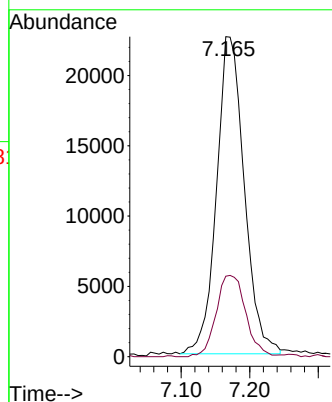
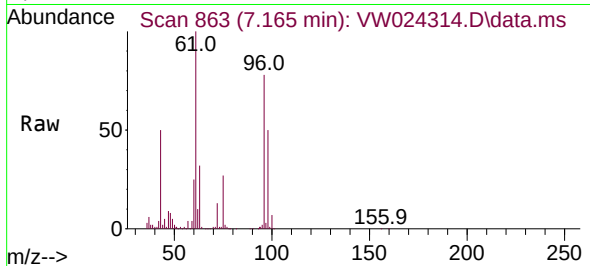




#22
2-Butanone
Concen: 59.438 ug/L
RT: 7.165 min Scan# 80
Delta R.T. -0.006 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

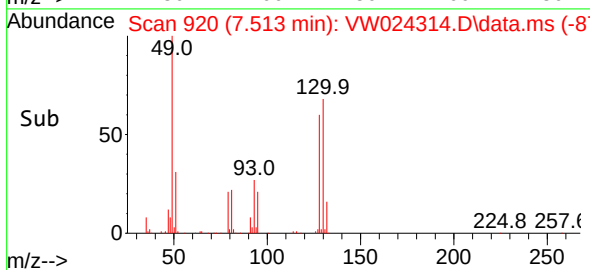
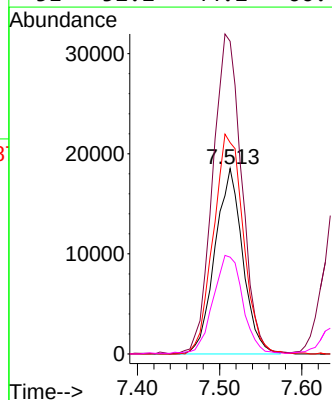
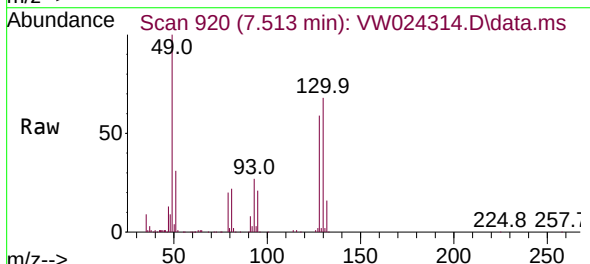
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

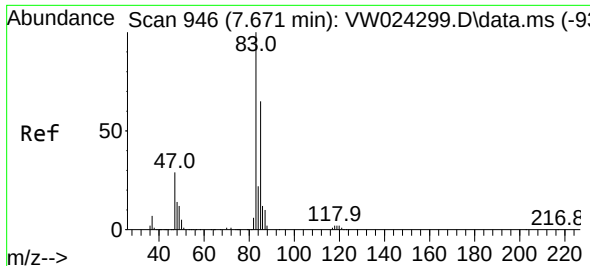
Tgt Ion: 43 Resp: 63382
Ion Ratio Lower Upper
43 100
72 27.2 14.3 42.9



#23
Bromochloromethane
Concen: 25.850 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

Tgt Ion:128 Resp: 43385
Ion Ratio Lower Upper
128 100
49 168.6 106.6 198.0
130 114.0 88.1 163.5
51 52.2 44.2 66.4

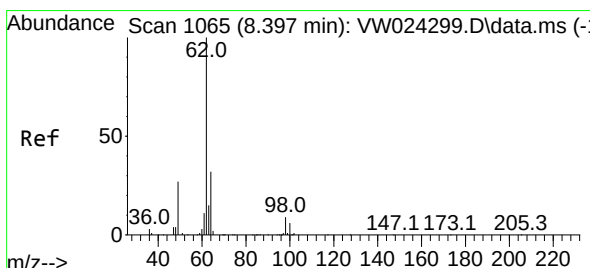
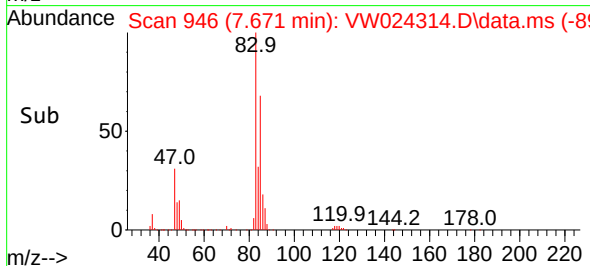
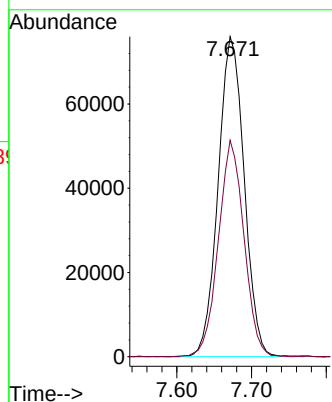
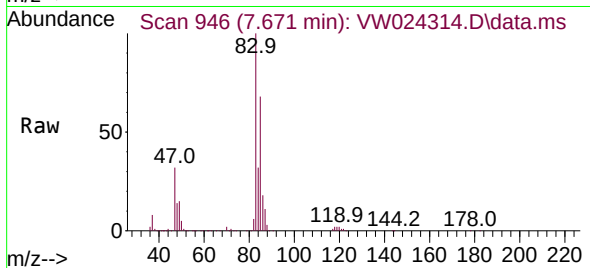




#25
Chloroform
Concen: 30.921 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

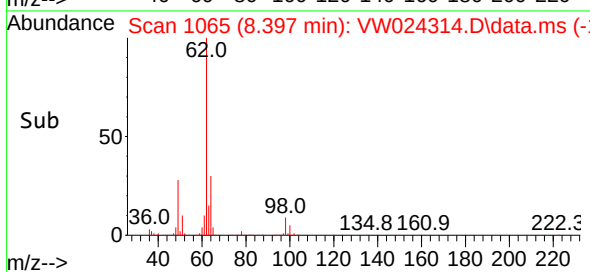
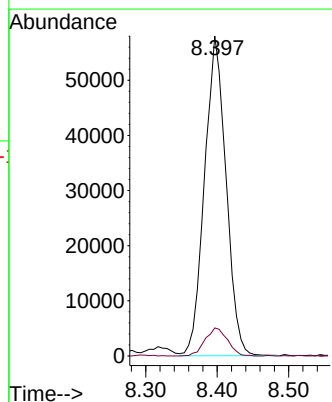
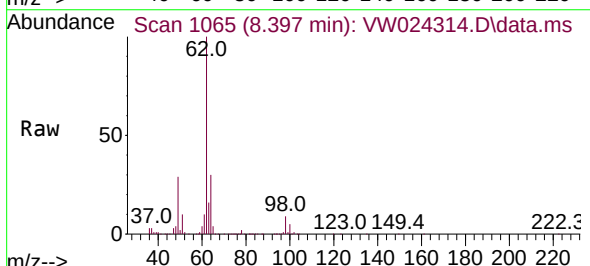
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

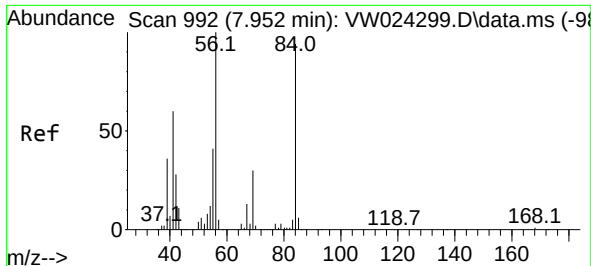
Tgt Ion: 83 Resp: 184175
Ion Ratio Lower Upper
83 100
85 67.6 42.9 79.7



#27
1,2-Dichloroethane
Concen: 30.263 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

Tgt Ion: 62 Resp: 121294
Ion Ratio Lower Upper
62 100
98 8.7 7.4 11.0





#29

Cyclohexane

Concen: 30.653 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

Instrument :

MSVOA_W

ClientSampleId :

EY163MSD

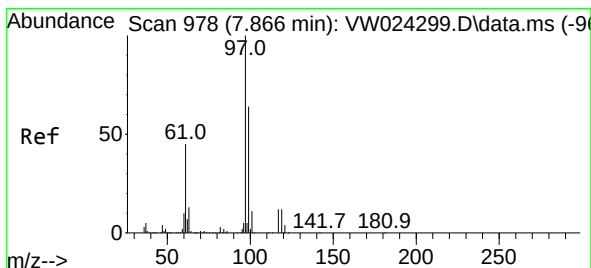
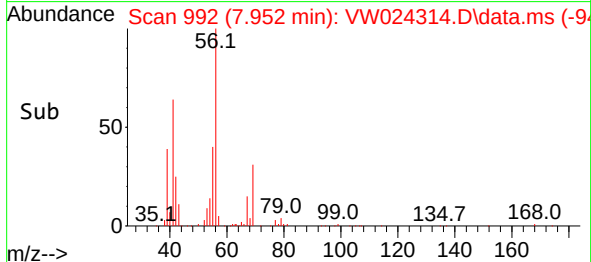
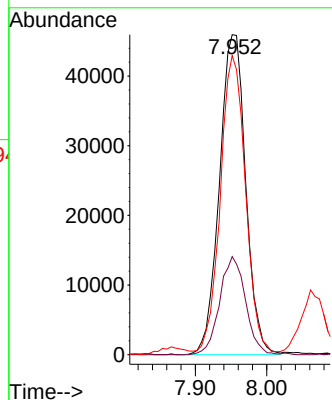
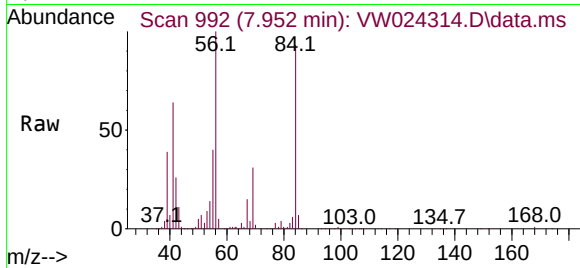
Tgt Ion: 56 Resp: 117184

Ion Ratio Lower Upper

56 100

69 30.0 24.5 36.7

84 90.0 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 34.299 ug/L

RT: 7.866 min Scan# 978

Delta R.T. 0.000 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

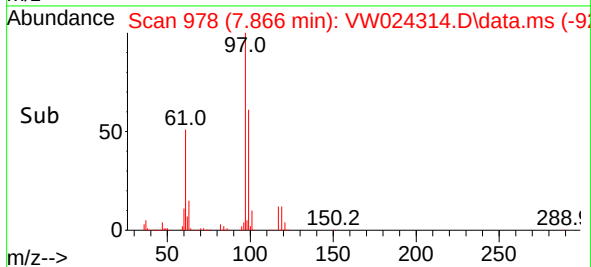
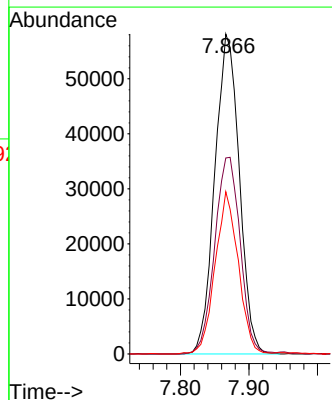
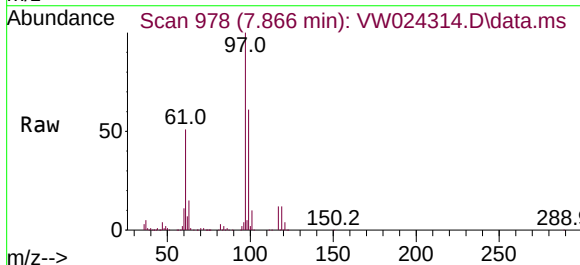
Tgt Ion: 97 Resp: 144232

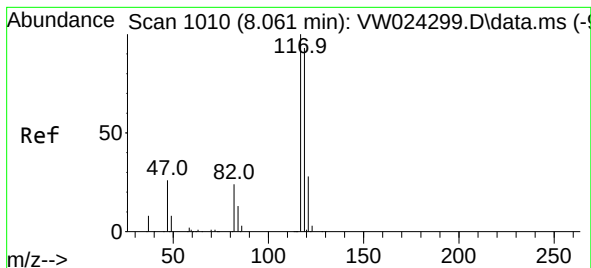
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.6

61 47.9 36.2 54.2





#31

Carbon tetrachloride

Concen: 29.878 ug/L

RT: 8.061 min Scan# 1010

Delta R.T. 0.000 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

Instrument :

MSVOA_W

ClientSampleId :

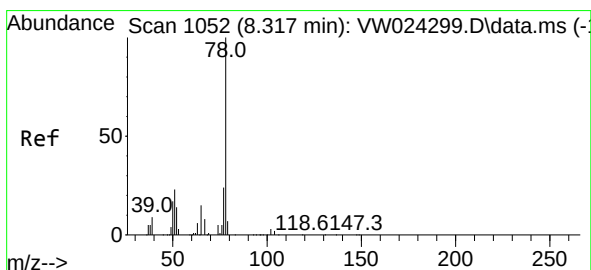
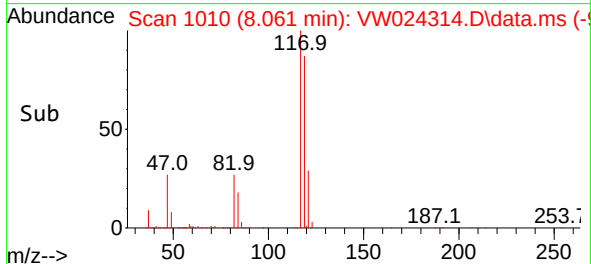
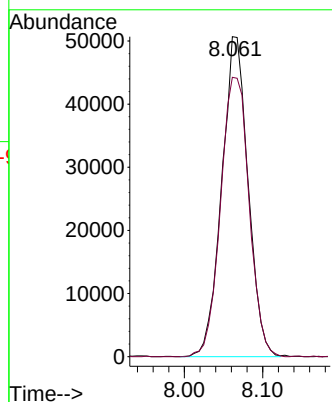
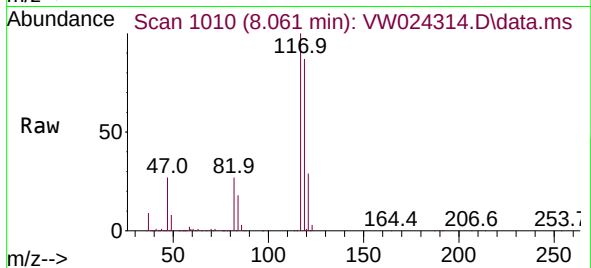
EY163MSD

Tgt Ion:117 Resp: 118530

Ion Ratio Lower Upper

117 100

119 94.5 77.8 116.8



#33

Benzene

Concen: 33.808 ug/L

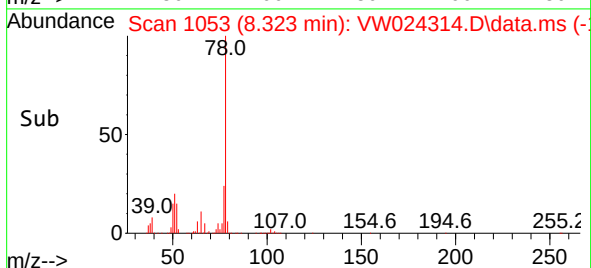
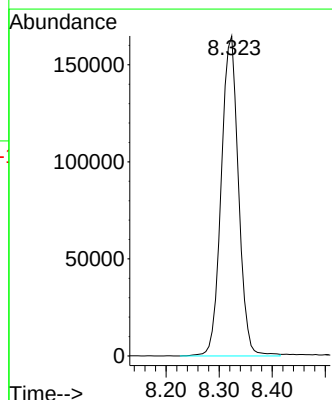
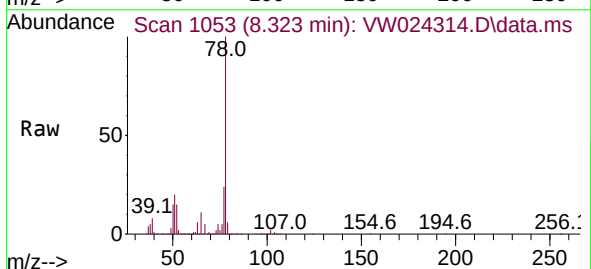
RT: 8.323 min Scan# 1053

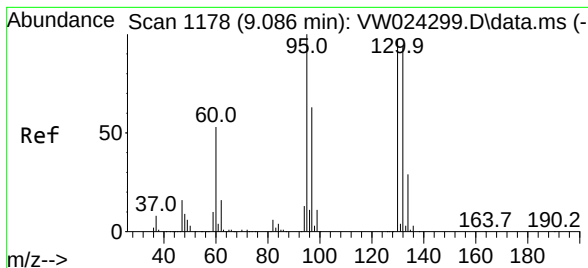
Delta R.T. 0.006 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

Tgt Ion: 78 Resp: 372329





#34

Trichloroethene

Concen: 29.675 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

Instrument :

MSVOA_W

ClientSampleId :

EY163MSD

Tgt Ion: 95 Resp: 86382

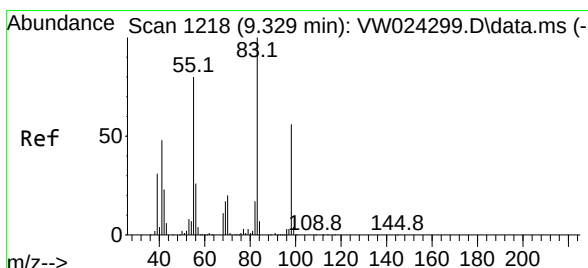
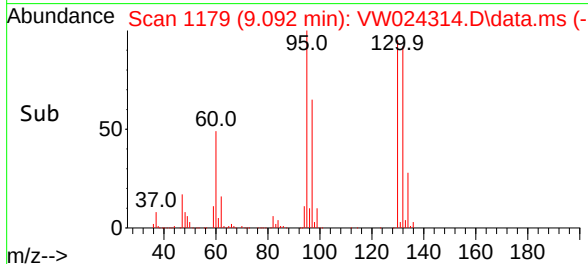
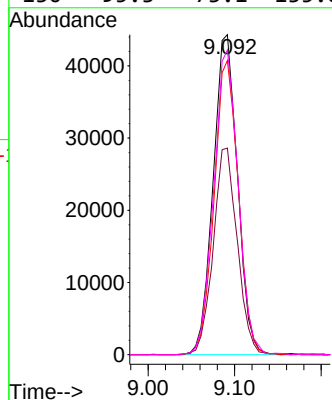
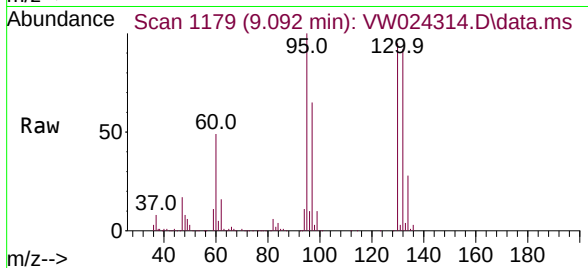
Ion Ratio Lower Upper

95 100

97 64.5 41.6 77.2

132 92.0 67.0 124.4

130 95.3 73.1 135.8



#35

Methylcyclohexane

Concen: 25.738 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

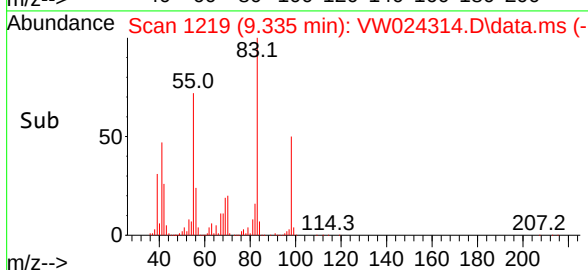
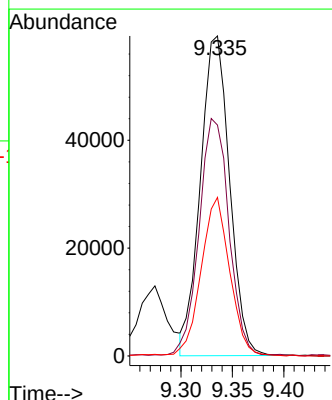
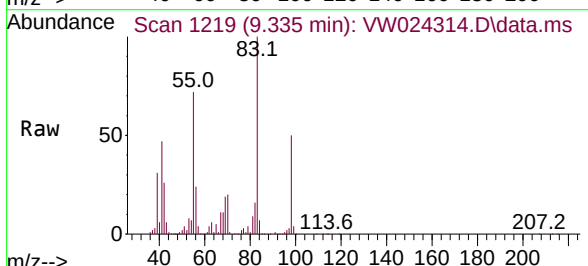
Tgt Ion: 83 Resp: 117488

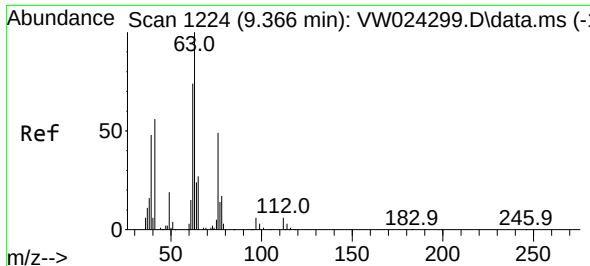
Ion Ratio Lower Upper

83 100

55 75.8 59.1 88.7

98 48.6 40.8 61.2

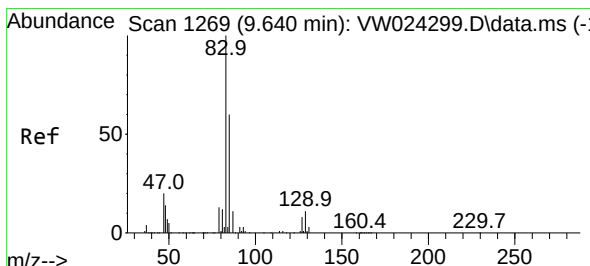
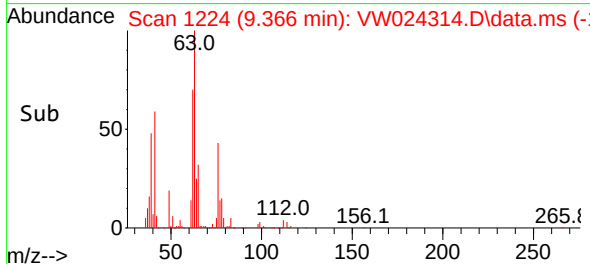
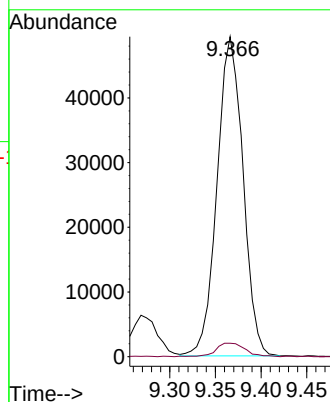
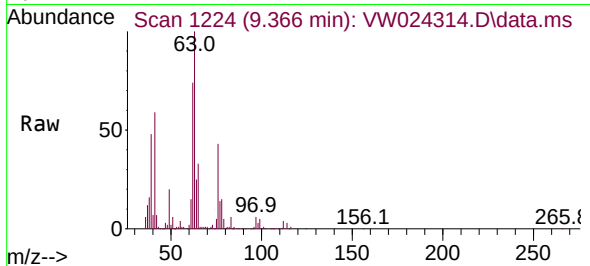




#37
1,2-Dichloropropane
Concen: 35.806 ug/L
RT: 9.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

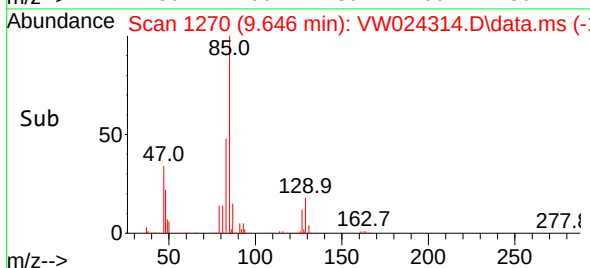
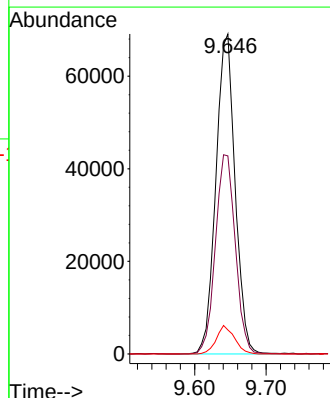
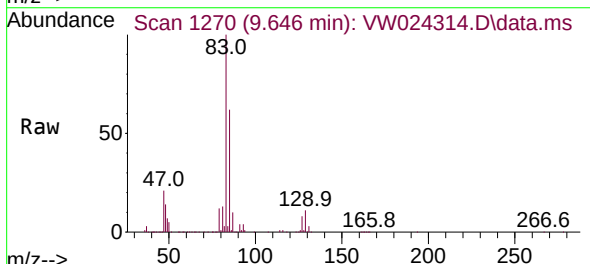
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

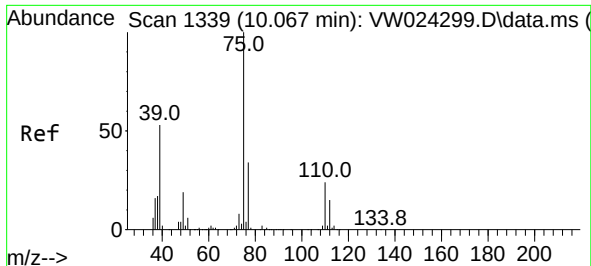
Tgt Ion: 63 Resp: 97479
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 33.835 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

Tgt Ion: 83 Resp: 129194
Ion Ratio Lower Upper
83 100
85 61.9 43.7 81.1
127 7.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 31.739 ug/L

RT: 10.073 min Scan# 1339

Delta R.T. 0.006 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

Instrument :

MSVOA_W

ClientSampleId :

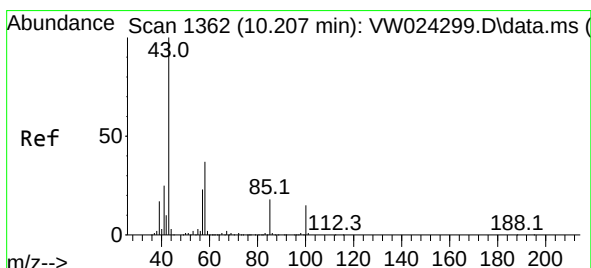
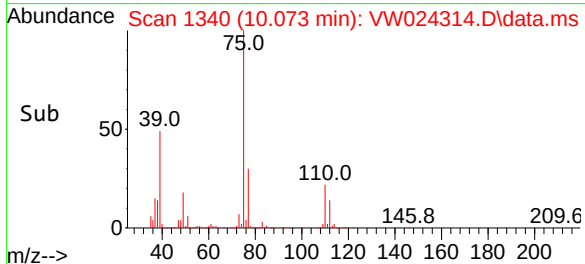
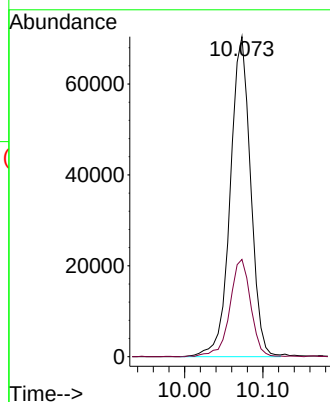
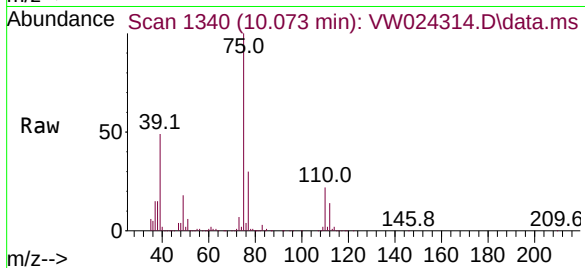
EY163MSD

Tgt Ion: 75 Resp: 127120

Ion Ratio Lower Upper

75 100

77 30.4 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 74.424 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

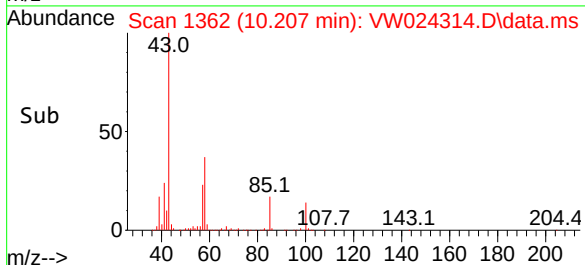
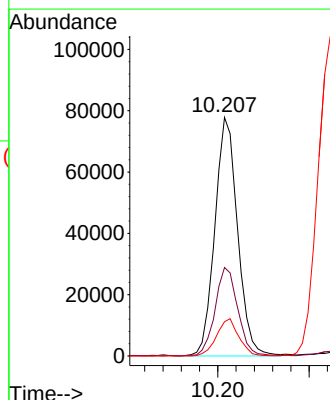
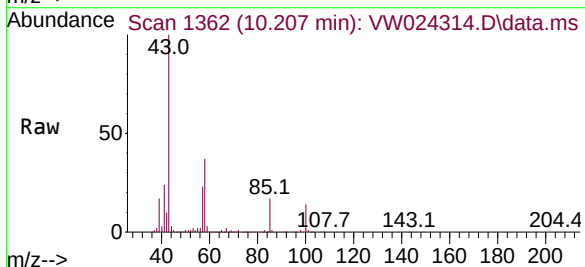
Tgt Ion: 43 Resp: 134468

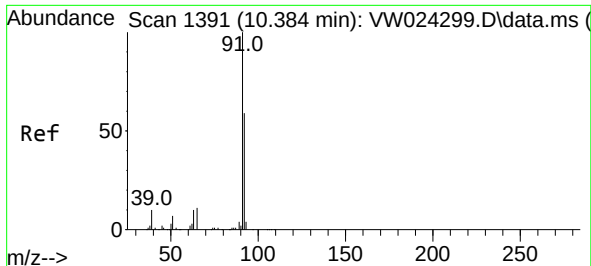
Ion Ratio Lower Upper

43 100

58 37.1 30.5 45.7

100 15.3 13.8 20.6

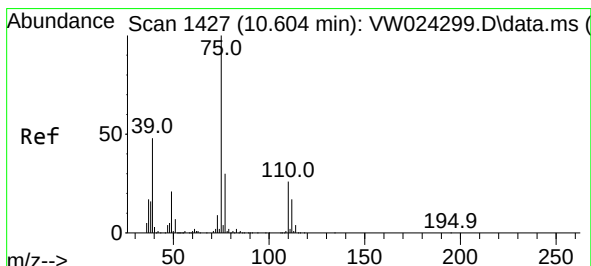
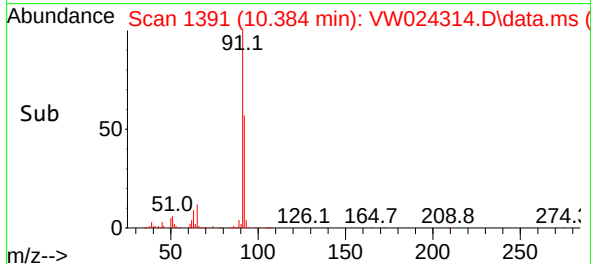
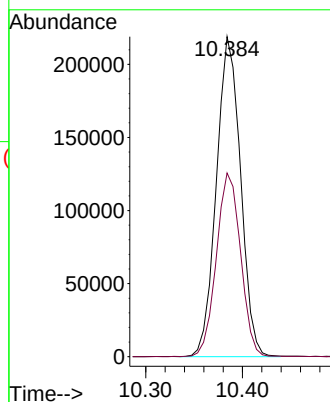
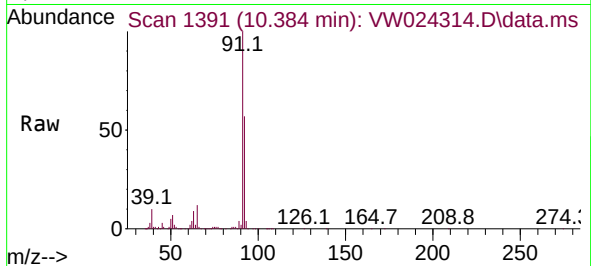




#42
Toluene
Concen: 32.473 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

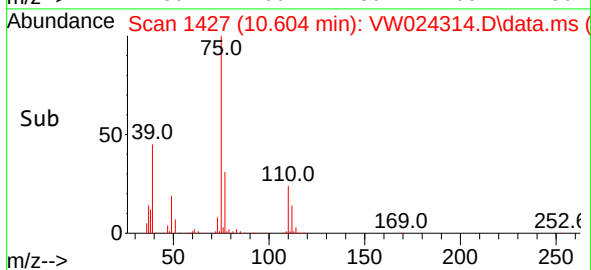
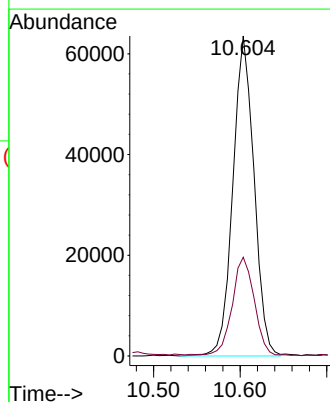
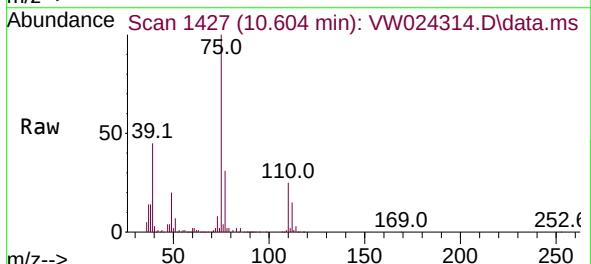
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

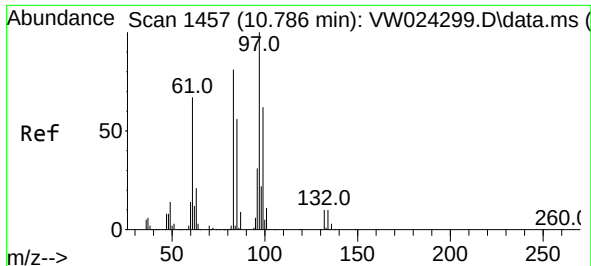
Tgt Ion: 91 Resp: 380032
Ion Ratio Lower Upper
91 100
92 57.4 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 29.426 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

Tgt Ion: 75 Resp: 107688
Ion Ratio Lower Upper
75 100
77 30.9 22.4 41.6

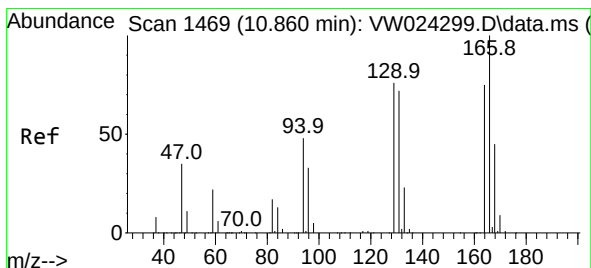
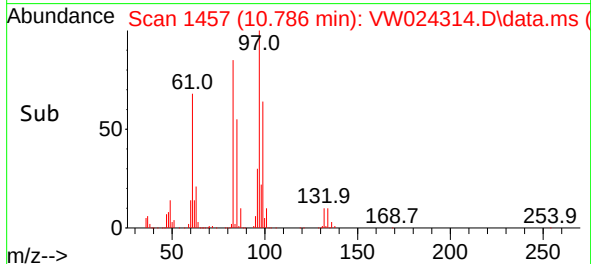
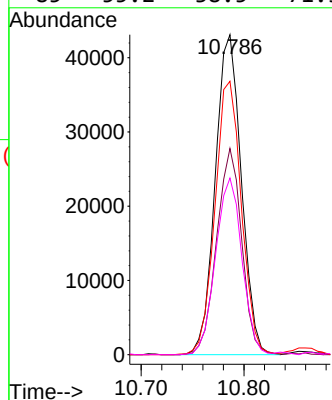
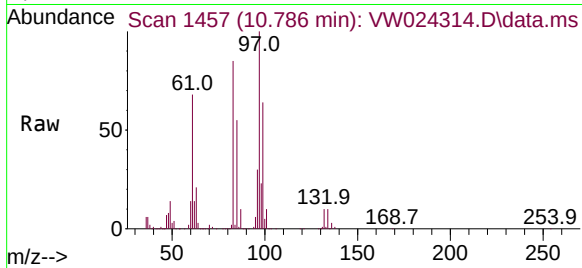




#45
1,1,2-Trichloroethane
Concen: 33.088 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

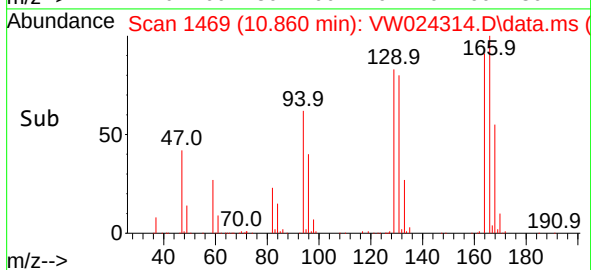
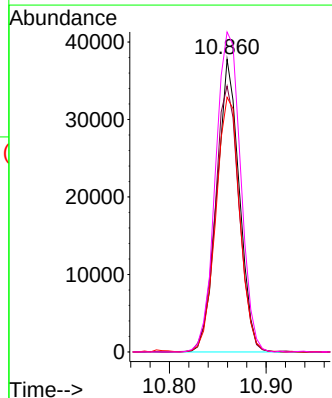
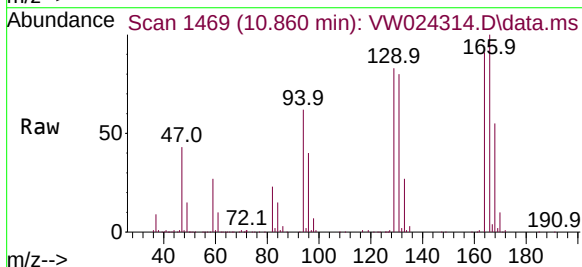
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

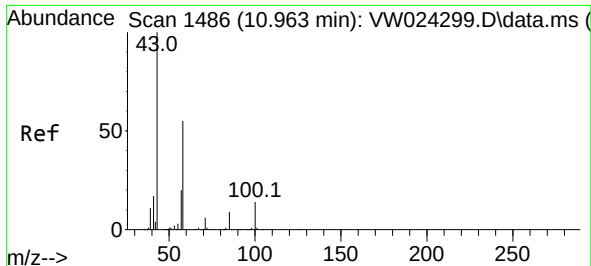
Tgt Ion:	97	Resp:	75924
Ion	Ratio	Lower	Upper
97	100		
99	64.5	43.8	81.3
83	85.5	56.4	104.7
85	55.2	38.5	71.5



#46
Tetrachloroethene
Concen: 25.891 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

Tgt Ion:	164	Resp:	61015
Ion	Ratio	Lower	Upper
164	100		
129	90.8	63.1	117.3
131	87.0	63.9	118.7
166	109.3	86.8	161.2

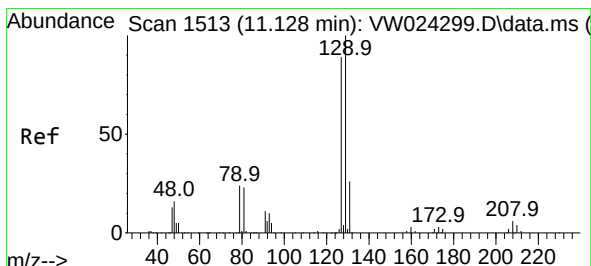
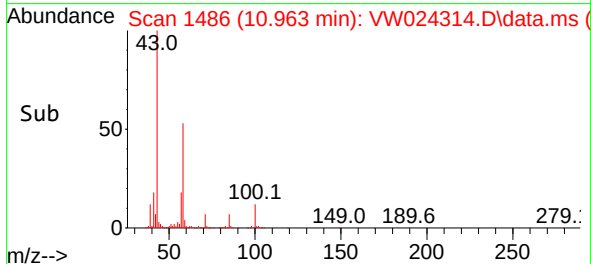
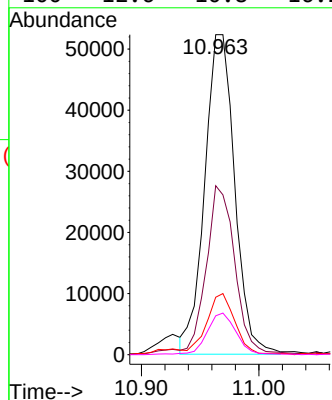
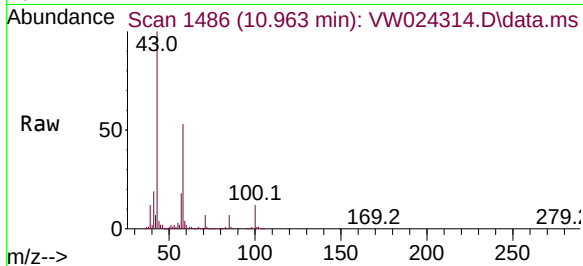




#48
2-Hexanone
Concen: 75.845 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

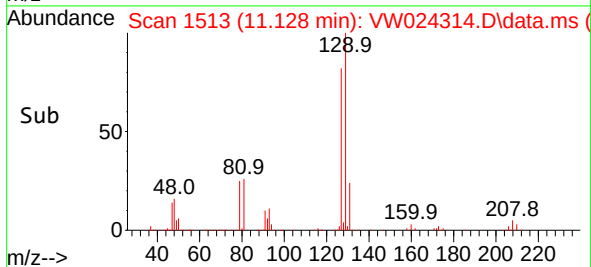
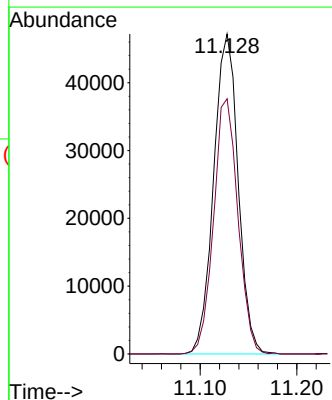
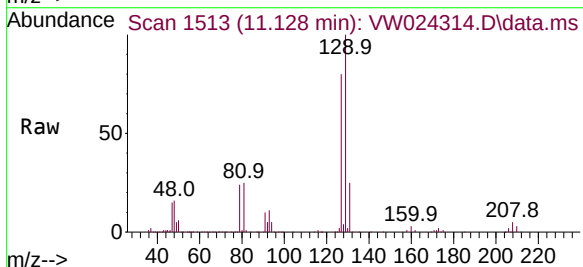
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

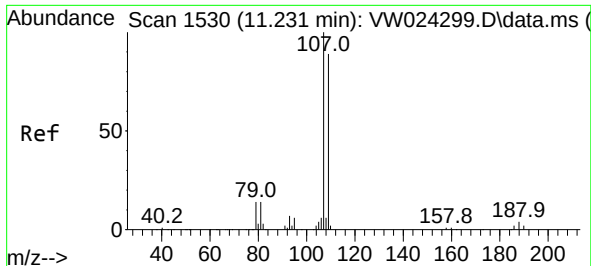
Tgt Ion:	43	Resp:	93000
Ion	Ratio	Lower	Upper
43	100		
58	50.4	43.4	65.0
57	17.8	15.0	22.4
100	12.6	10.8	16.2



#49
Dibromochloromethane
Concen: 30.036 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

Tgt Ion:	129	Resp:	82972
Ion	Ratio	Lower	Upper
129	100		
127	79.8	52.3	97.1





#50

1,2-Dibromoethane

Concen: 29.483 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

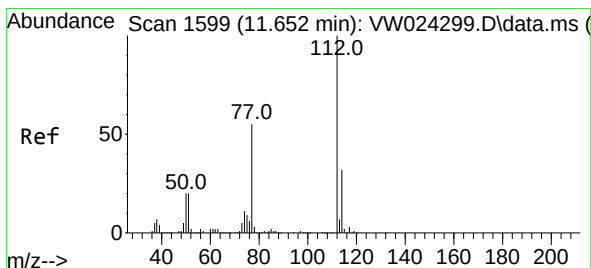
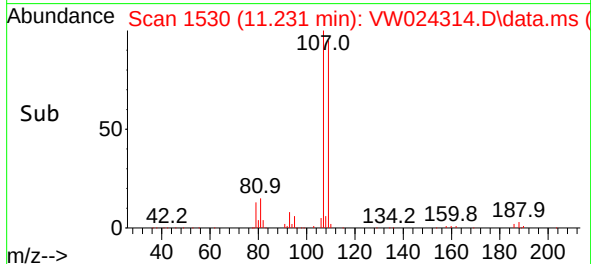
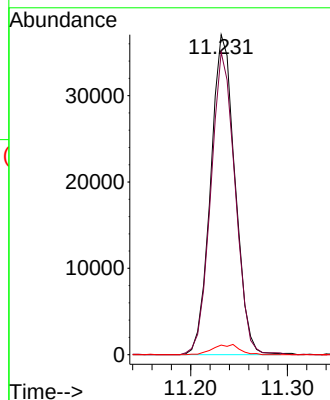
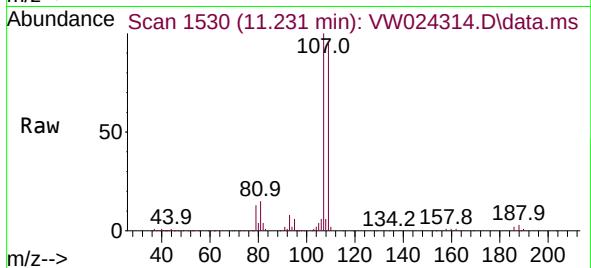
Instrument :

MSVOA_W

ClientSampleId :

EY163MSD

Tgt Ion:107	Resp:	64817
Ion Ratio	Lower	Upper
107	100	
109	94.6	64.0 119.0
188	3.0	3.1 4.7#



#51

Chlorobenzene

Concen: 25.902 ug/L

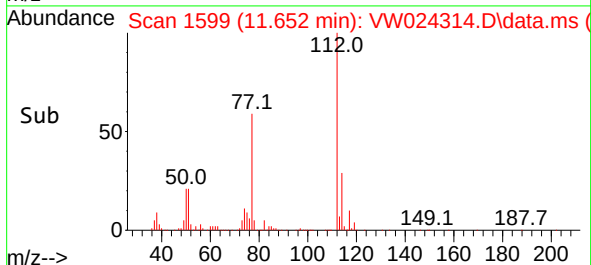
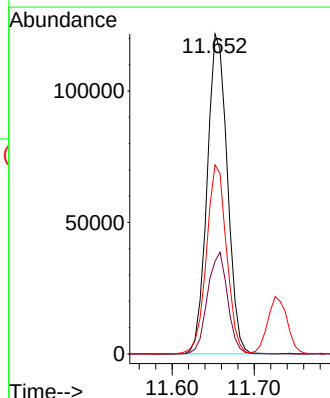
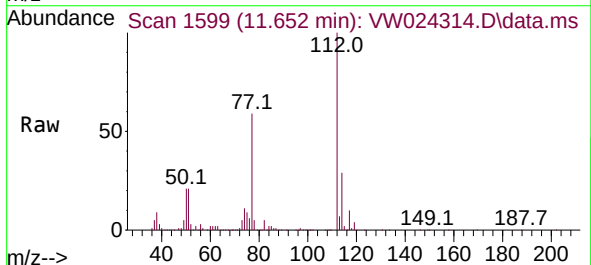
RT: 11.652 min Scan# 1599

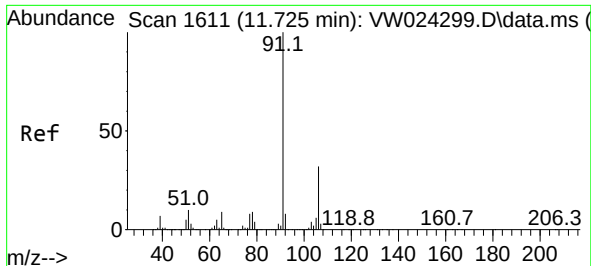
Delta R.T. 0.000 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

Tgt Ion:112	Resp:	207115
Ion Ratio	Lower	Upper
112	100	
114	29.0	20.7 38.5
77	59.1	41.4 62.2

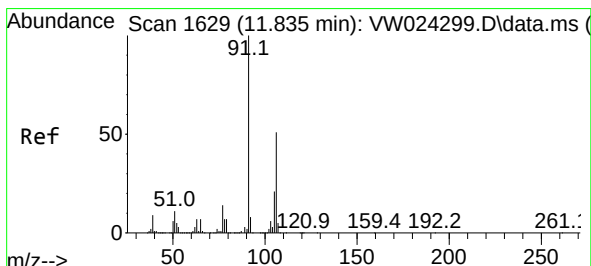
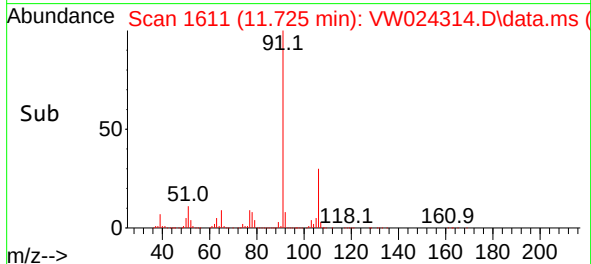
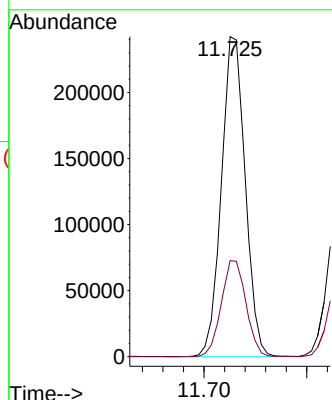
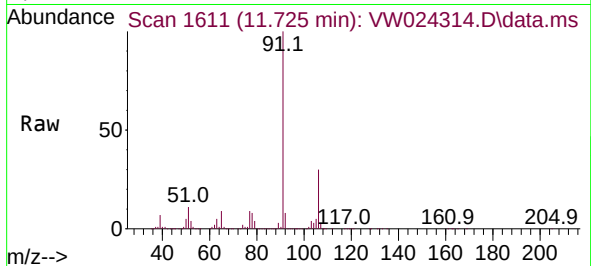




#52
Ethylbenzene
Concen: 30.379 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

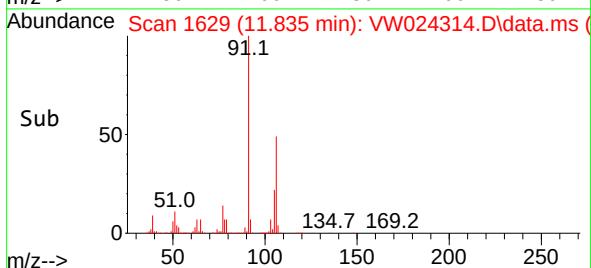
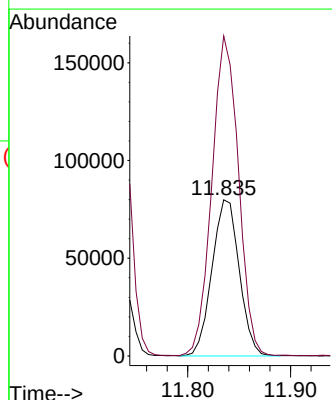
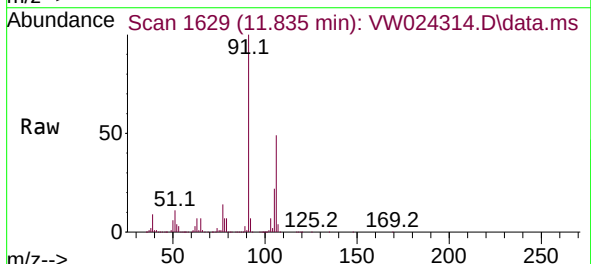
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

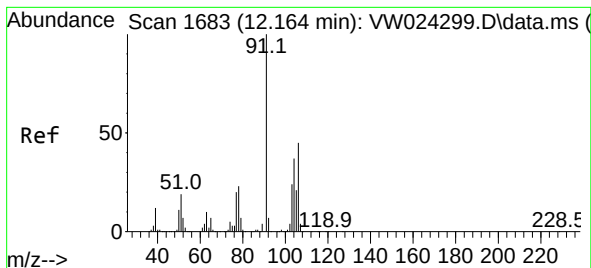
Tgt Ion: 91 Resp: 389524
Ion Ratio Lower Upper
91 100
106 30.0 21.9 40.7



#53
m,p-Xylene
Concen: 29.454 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

Tgt Ion: 106 Resp: 147009
Ion Ratio Lower Upper
106 100
91 204.8 144.1 267.7





#54

o-Xylene

Concen: 30.458 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

Instrument :

MSVOA_W

ClientSampleId :

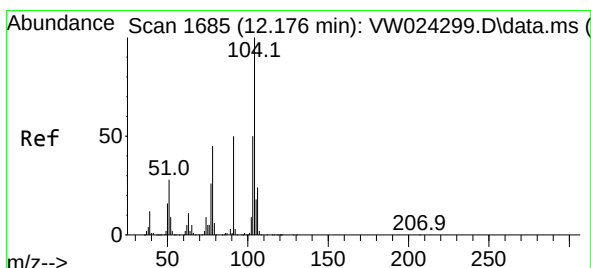
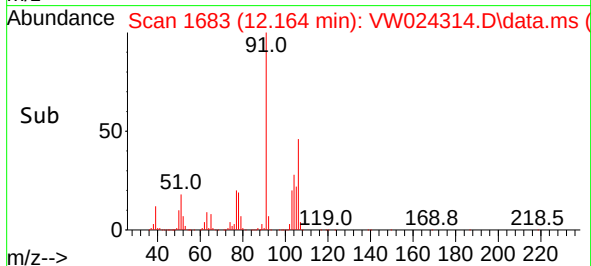
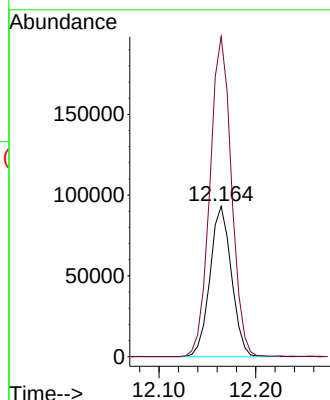
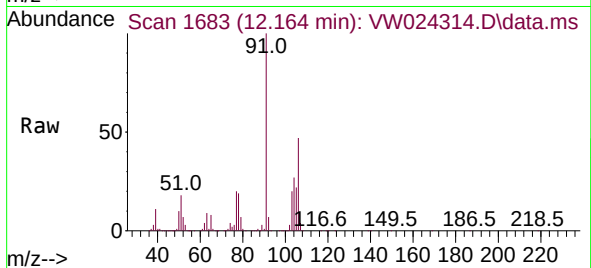
EY163MSD

Tgt Ion:106 Resp: 143618

Ion Ratio Lower Upper

106 100

91 212.8 150.9 280.3



#55

Styrene

Concen: 25.733 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024314.D

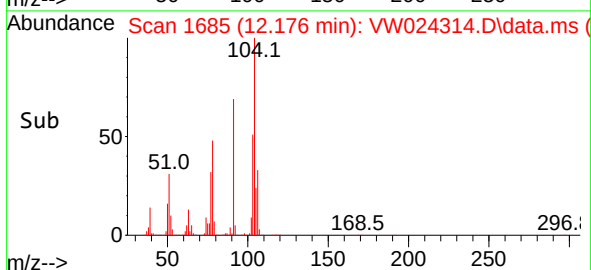
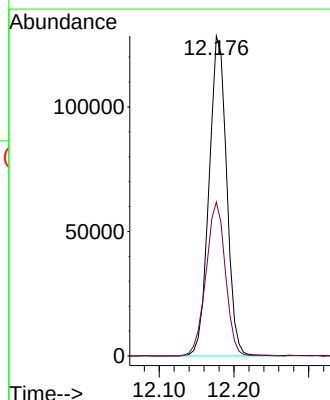
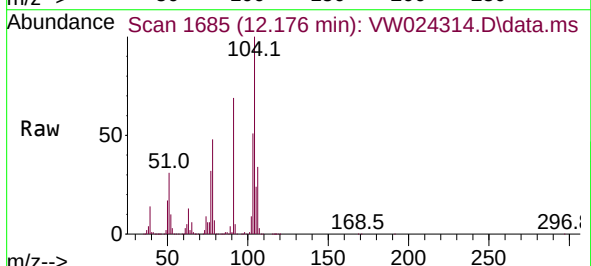
Acq: 23 Aug 2022 19:53

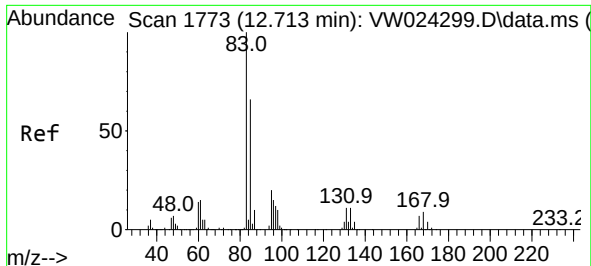
Tgt Ion:104 Resp: 211030

Ion Ratio Lower Upper

104 100

78 48.1 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 31.959 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

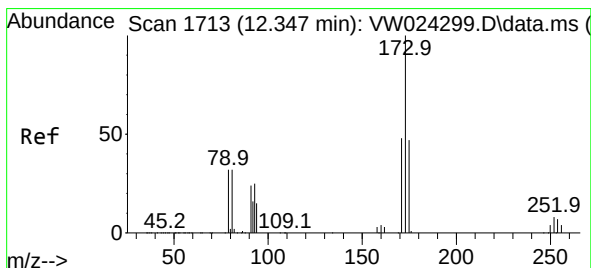
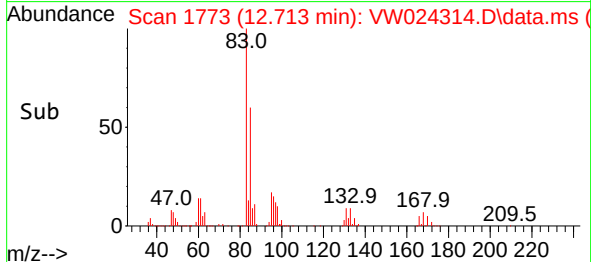
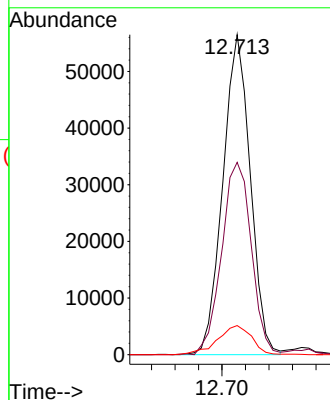
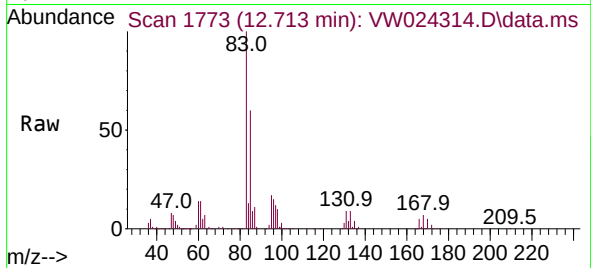
Instrument :

MSVOA_W

ClientSampleId :

EY163MSD

Tgt Ion:	83	Resp:	91650
Ion Ratio	Lower	Upper	
83	100		
85	60.1	44.1	81.9
131	9.1	8.3	12.5



#59

Bromoform

Concen: 41.567 ug/L

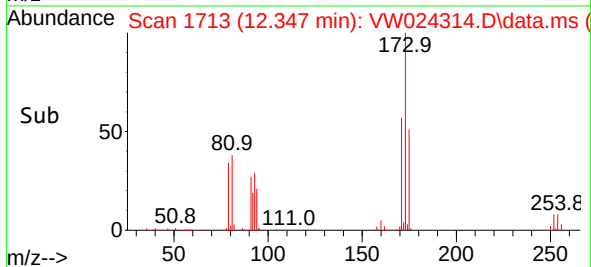
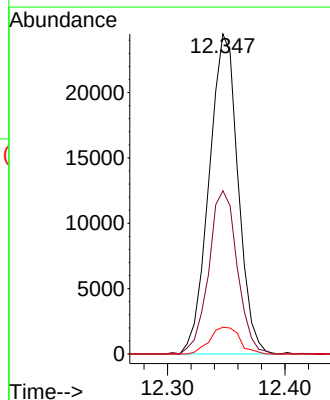
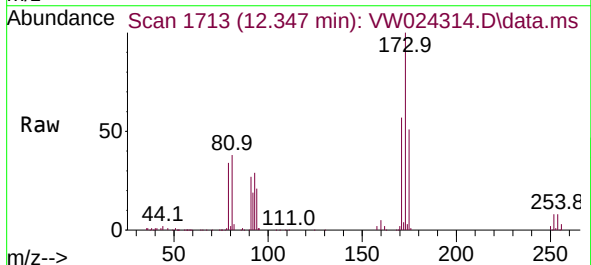
RT: 12.347 min Scan# 1713

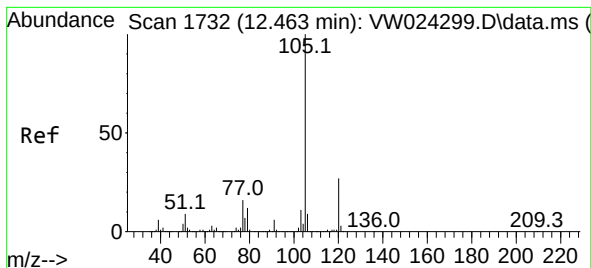
Delta R.T. 0.000 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

Tgt Ion:	173	Resp:	41953
Ion Ratio	Lower	Upper	
173	100		
175	50.3	39.0	58.6
254	8.6	6.8	10.2

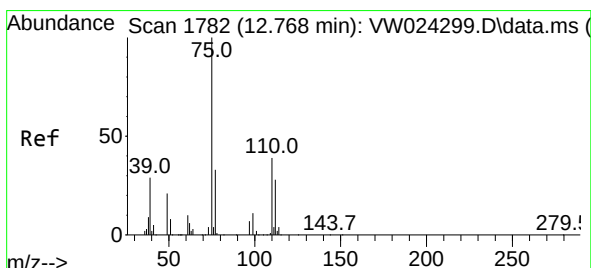
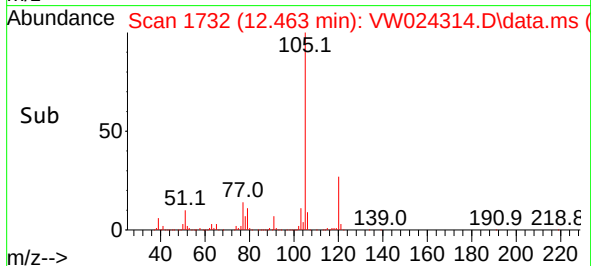
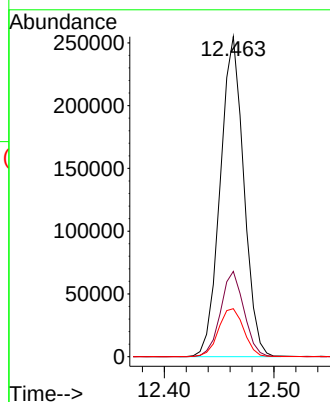
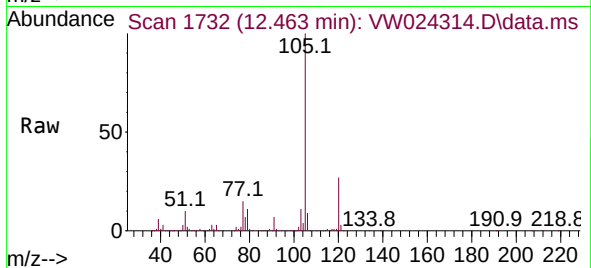




#60
Isopropylbenzene
Concen: 47.513 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

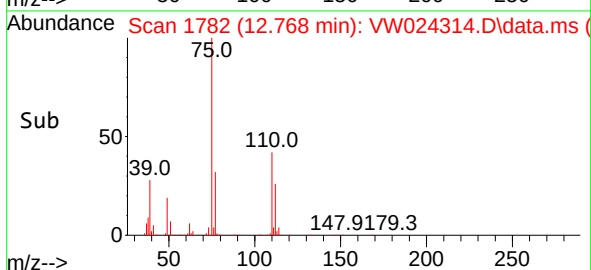
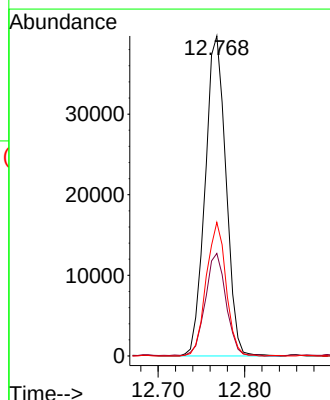
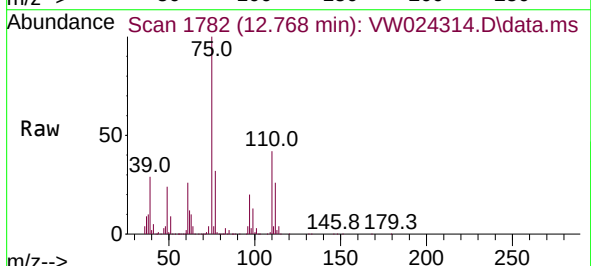
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

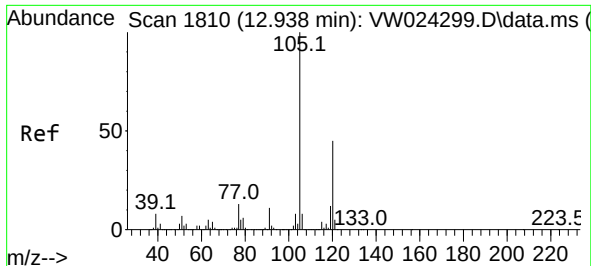
Tgt Ion:105 Resp: 380586
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.2
77 16.2 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 50.311 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

Tgt Ion: 75 Resp: 66251
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.4
110 39.8 33.6 50.4

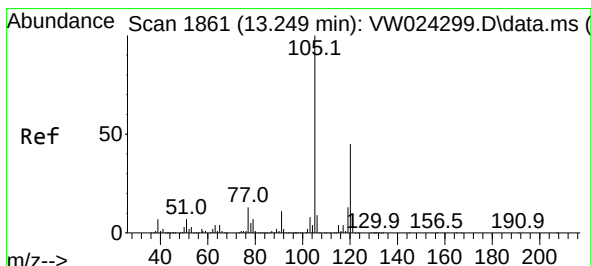
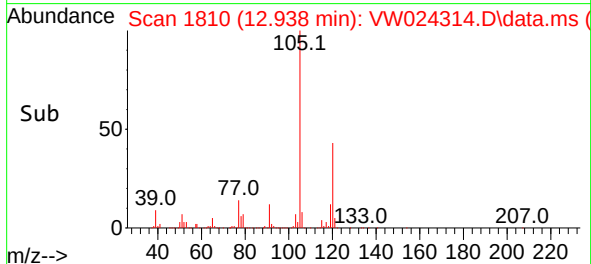
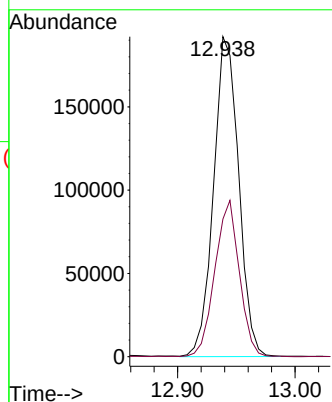
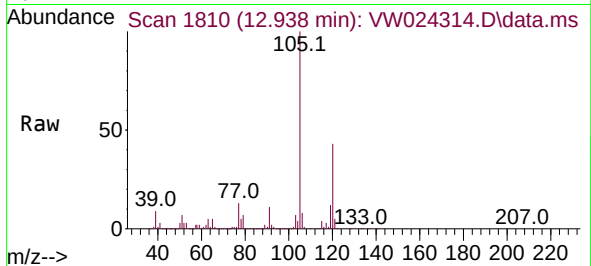




#62
1,3,5-Trimethylbenzene
Concen: 43.106 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

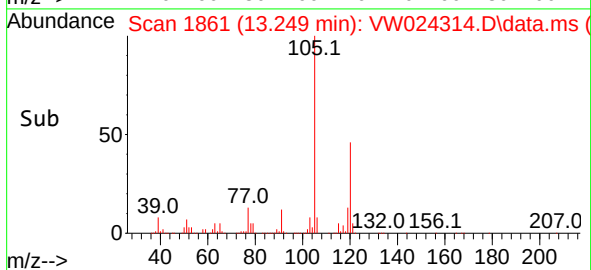
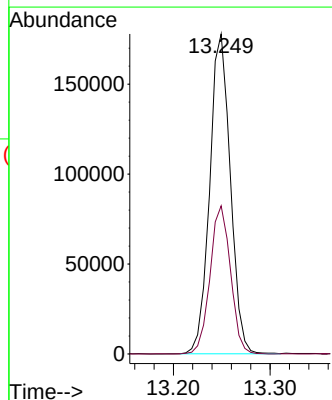
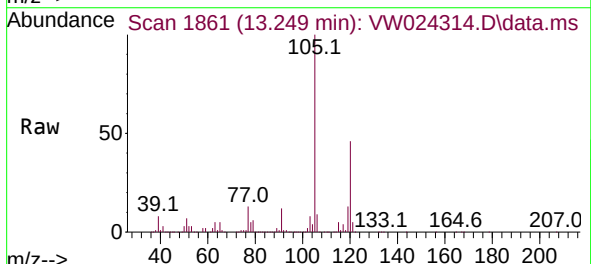
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

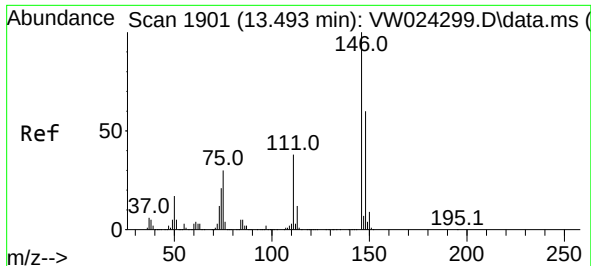
Tgt Ion:105 Resp: 285332
Ion Ratio Lower Upper
105 100
120 47.5 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 40.468 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

Tgt Ion:105 Resp: 263815
Ion Ratio Lower Upper
105 100
120 45.9 36.4 54.6

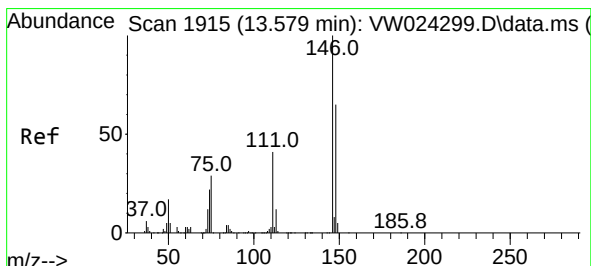
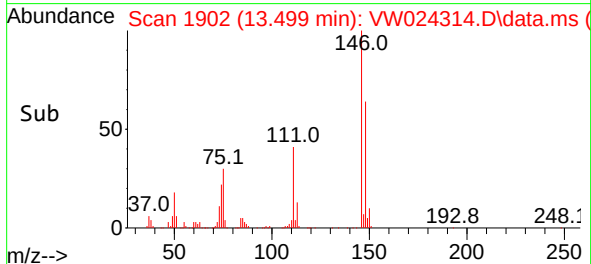
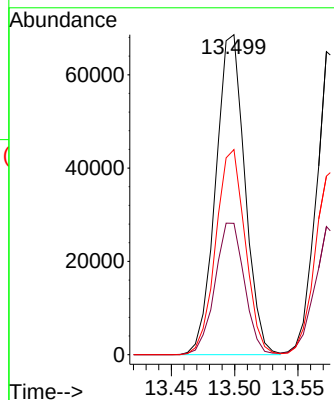
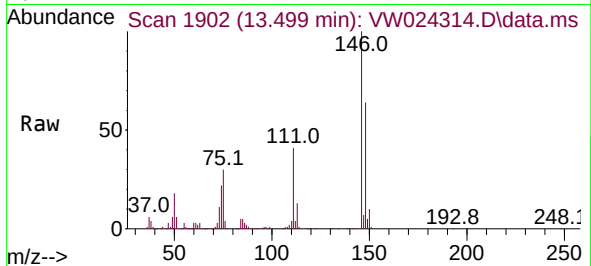




#64
1,3-Dichlorobenzene
Concen: 28.112 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

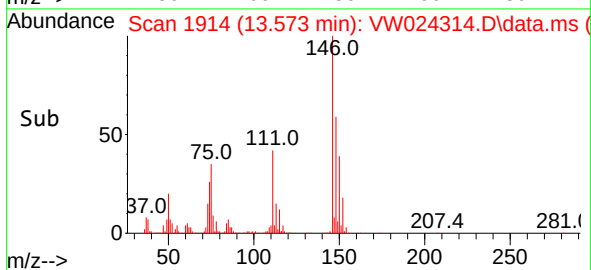
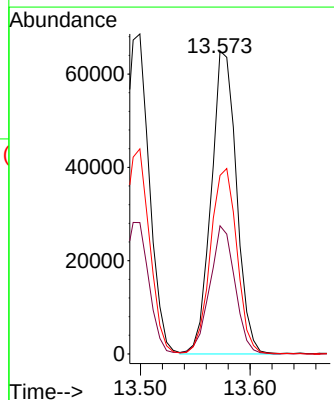
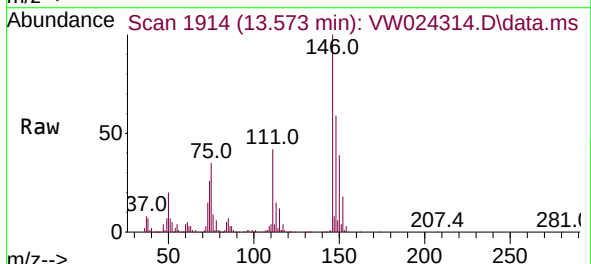
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

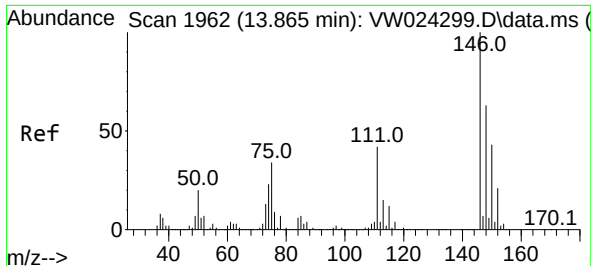
Tgt Ion:146 Resp: 110266
Ion Ratio Lower Upper
146 100
111 41.1 28.0 52.0
148 64.1 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 25.086 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW024314.D
Acq: 23 Aug 2022 19:53

Tgt Ion:146 Resp: 104195
Ion Ratio Lower Upper
146 100
111 42.3 27.6 51.4
148 59.0 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 28.338 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

Instrument :

MSVOA_W

ClientSampleId :

EY163MSD

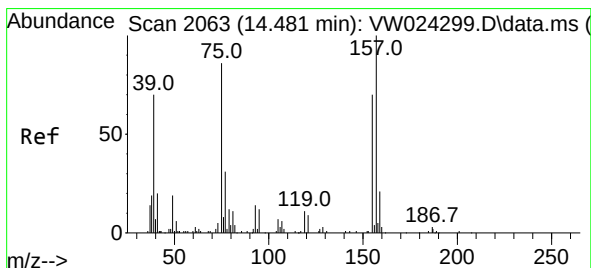
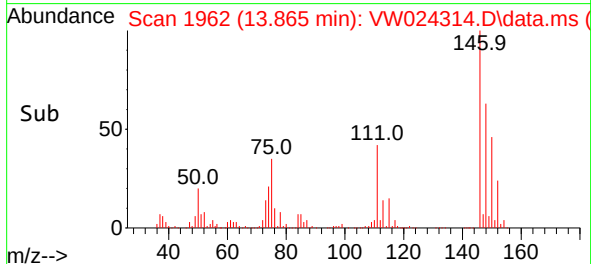
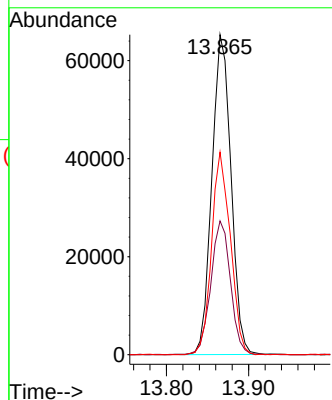
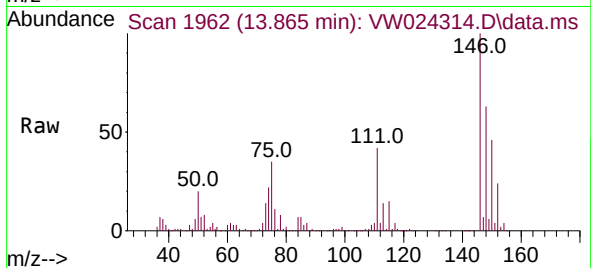
Tgt Ion:146 Resp: 105552

Ion Ratio Lower Upper

146 100

111 41.8 29.0 43.6

148 63.3 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 39.050 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

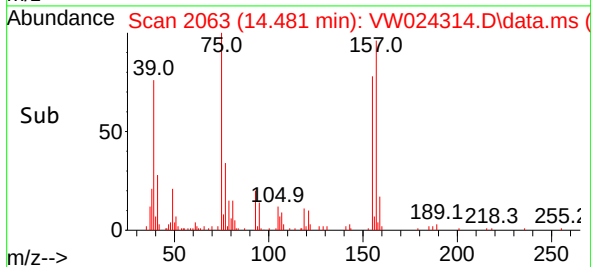
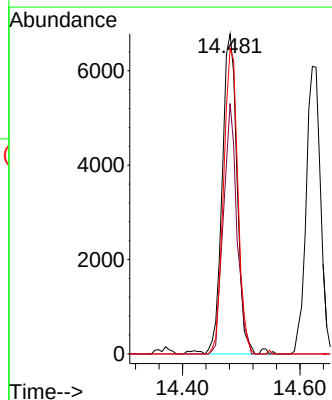
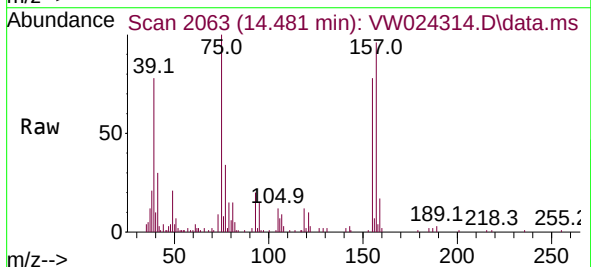
Tgt Ion: 75 Resp: 12014

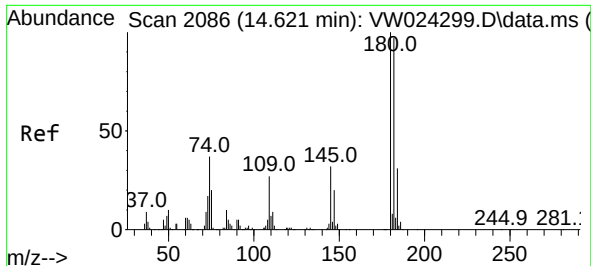
Ion Ratio Lower Upper

75 100

155 78.3 68.8 103.2

157 95.5 91.5 137.3





#69

1,3,5-Trichlorobenzene

Concen: 18.499 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

Instrument :

MSVOA_W

ClientSampleId :

EY163MSD

Tgt Ion:180 Resp: 47579

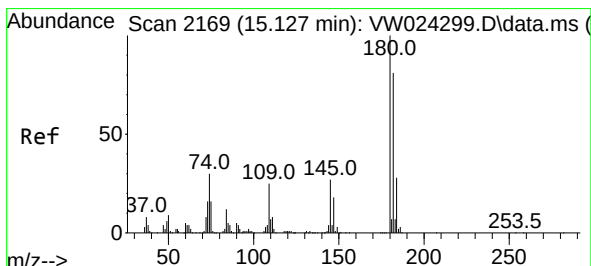
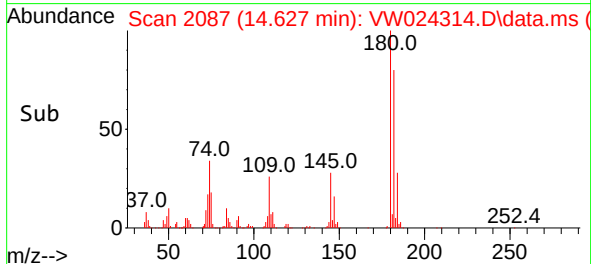
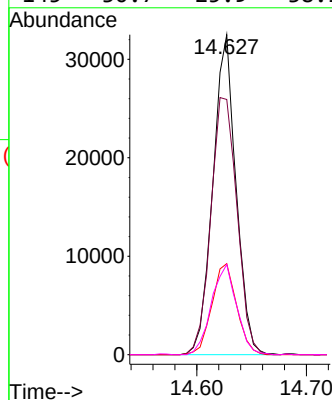
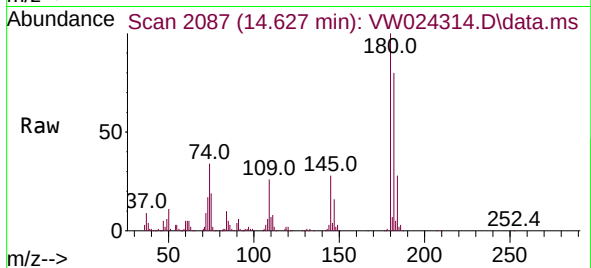
Ion Ratio Lower Upper

180 100

182 90.9 78.4 117.6

184 30.5 24.7 37.1

145 30.7 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 12.428 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

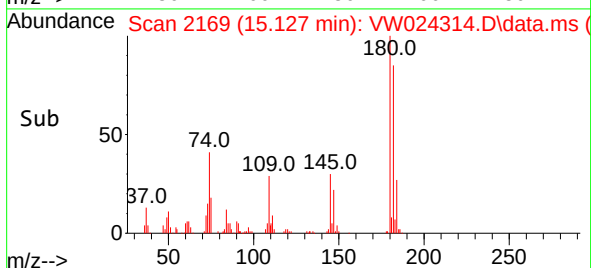
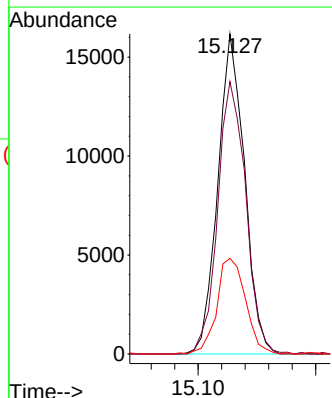
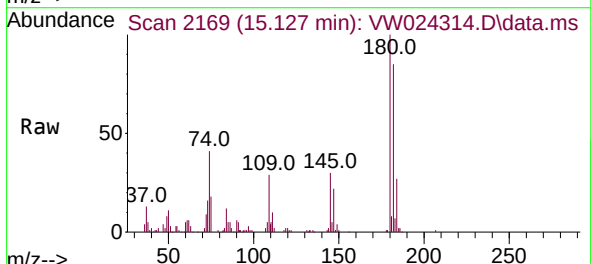
Tgt Ion:180 Resp: 25598

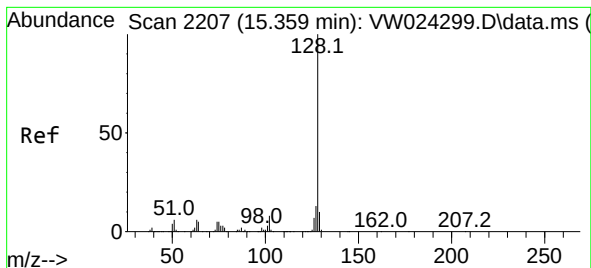
Ion Ratio Lower Upper

180 100

182 89.1 75.0 112.4

145 32.0 25.1 37.7





#71

Naphthalene

Concen: 13.750 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

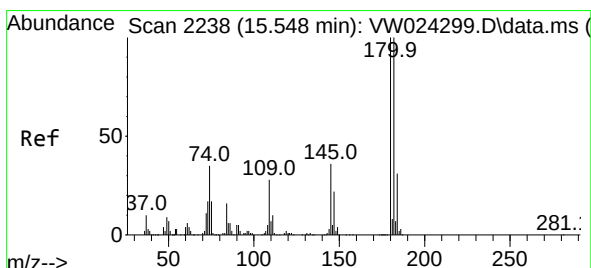
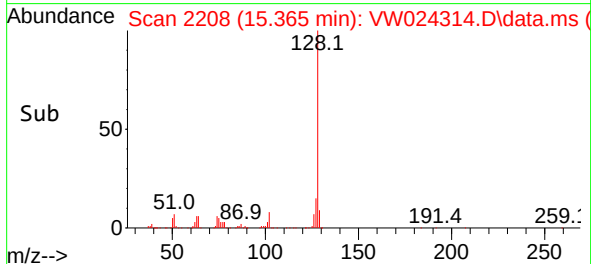
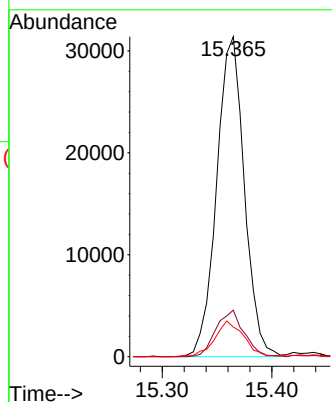
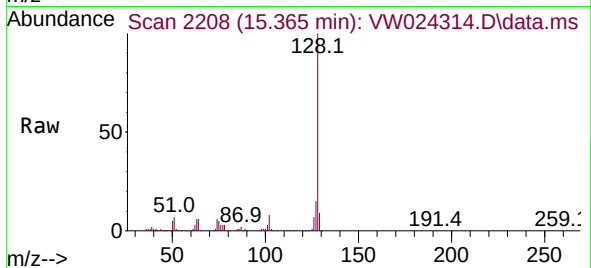
Instrument :

MSVOA_W

ClientSampleId :

EY163MSD

Tgt Ion:128	Resp:	55165
Ion Ratio	Lower	Upper
128	100	
127	14.5	10.7 16.1
129	11.7	8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 11.585 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024314.D

Acq: 23 Aug 2022 19:53

Tgt Ion:180	Resp:	21724
Ion Ratio	Lower	Upper
180	100	
182	96.2	75.4 113.2
145	35.2	26.9 40.3

