

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102022\
 Data File : VW024958.D
 Acq On : 20 Oct 2022 08:37
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 20 21:12:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 20 01:56:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	499465	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	430874	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	217132	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	122898	20.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.440%
7) Chloroethane-d5	2.892	69	75134	21.778	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.120%
11) 1,1-Dichloroethene-d2	4.025	63	296979	23.180	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.720%
21) 2-Butanone-d5	7.080	46	73162	39.186	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.380%
24) Chloroform-d	7.653	84	306944	21.788	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.160%
26) 1,2-Dichloroethane-d4	8.305	65	151556	20.556	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.240%
32) Benzene-d6	8.275	84	626648	23.193	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.760%
36) 1,2-Dichloropropane-d6	9.274	67	189916	22.917	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.680%
41) Toluene-d8	10.323	98	557585	22.992	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.960%
43) trans-1,3-Dichloroprop...	10.579	79	71863	22.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.440%
47) 2-Hexanone-d5	10.921	63	56405	40.597	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.200%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	133048	20.587	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.360%
66) 1,2-Dichlorobenzene-d4	13.847	152	168887	21.284	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	35230	15.766	ug/L	92
3) Chloromethane	2.221	50	132063	25.375	ug/L	99
5) Vinyl chloride	2.367	62	195199	27.491	ug/L	99
6) Bromomethane	2.782	94	87409	25.345	ug/L	91
8) Chloroethane	2.928	64	77263	26.115	ug/L	98
9) Trichlorofluoromethane	3.263	101	118386	33.706	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	185289	25.910	ug/L	98
12) 1,1-Dichloroethene	4.044	96	177416	26.219	ug/L	89
13) Acetone	4.123	43	70576	54.019	ug/L	98
14) Carbon disulfide	4.391	76	569919	25.785	ug/L	100
15) Methyl Acetate	4.672	43	67301	21.166	ug/L	98
16) Methylene chloride	4.922	84	178456	20.236	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	193445	26.263	ug/L	91
18) Methyl tert-butyl Ether	5.428	73	260841	23.831	ug/L	100
19) 1,1-Dichloroethane	6.220	63	344309	25.266	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	198185	24.896	ug/L	99
22) 2-Butanone	7.171	43	93033	42.685	ug/L	99
23) Bromochloromethane	7.519	128	78130	23.995	ug/L	91
25) Chloroform	7.677	83	329140	24.607	ug/L	98

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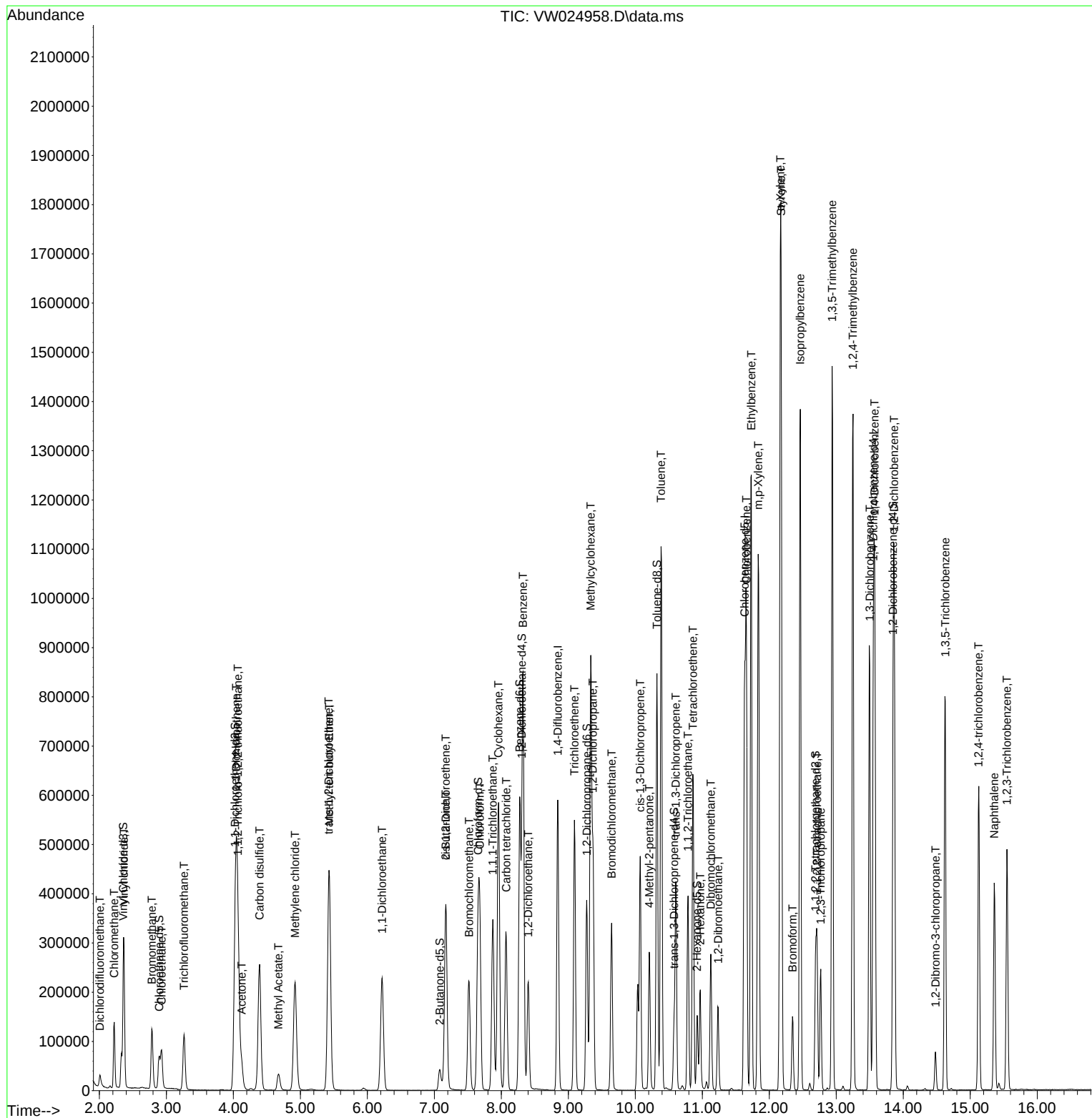
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27) 1,2-Dichloroethane	8.403	62	200245	23.152	ug/L	98
29) Cyclohexane	7.958	56	349956	27.966	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	279037	28.160	ug/L	99
31) Carbon tetrachloride	8.073	117	245601	28.229	ug/L	98
33) Benzene	8.323	78	787326	26.859	ug/L	100
34) Trichloroethene	9.092	95	196651	26.639	ug/L	99
35) Methylcyclohexane	9.335	83	371216	27.941	ug/L	98
37) 1,2-Dichloropropane	9.366	63	190846	26.124	ug/L	100
38) Bromodichloromethane	9.646	83	231025	25.595	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	280991	26.611	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	184776	42.794	ug/L	99
42) Toluene	10.384	91	819554	27.269	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	231724	26.432	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	123779	24.257	ug/L	99
46) Tetrachloroethene	10.860	164	137270	27.347	ug/L	96
48) 2-Hexanone	10.969	43	130112	44.444	ug/L	98
49) Dibromochloromethane	11.128	129	144373	25.558	ug/L	98
50) 1,2-Dibromoethane	11.238	107	116956	24.330	ug/L	98
51) Chlorobenzene	11.658	112	499247	26.430	ug/L	95
52) Ethylbenzene	11.731	91	913221	27.135	ug/L	97
53) m,p-Xylene	11.835	106	354010	27.686	ug/L	94
54) o-Xylene	12.164	106	327869	26.931	ug/L	98
55) Styrene	12.176	104	569639	27.280	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	142145	22.832	ug/L	94
59) Bromoform	12.347	173	67199	23.129	ug/L #	98
60) Isopropylbenzene	12.463	105	908944	25.951	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	103747	21.730	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	779660	25.927	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	758939	26.176	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	363061	25.452	ug/L	94
65) 1,4-Dichlorobenzene	13.573	146	353879	24.509	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	307828	24.279	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	20783	20.027	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	241666	25.949	ug/L	98
70) 1,2,4-trichlorobenzene	15.121	180	181312	23.995	ug/L	98
71) Naphthalene	15.359	128	356025	21.745	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	152469	23.640	ug/L	98

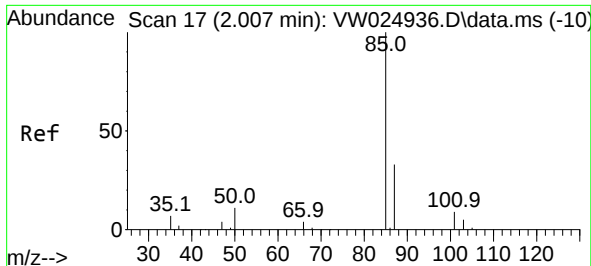
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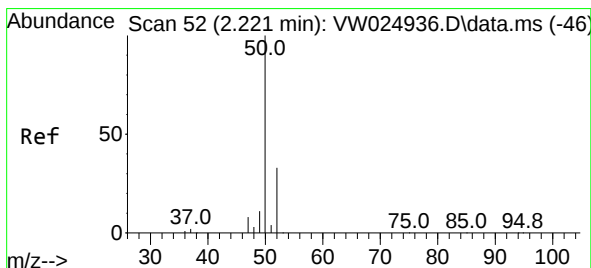
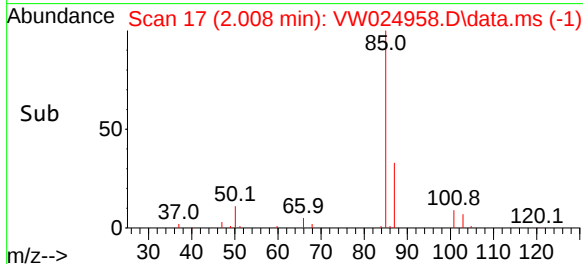
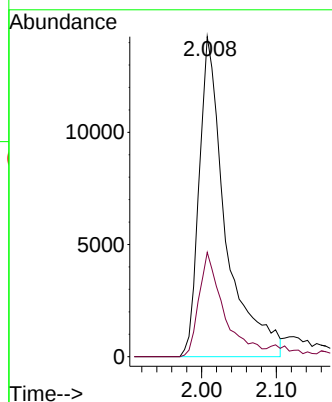
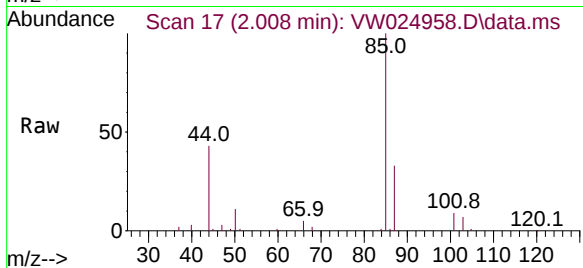




#2
Dichlorodifluoromethane
Concen: 15.766 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

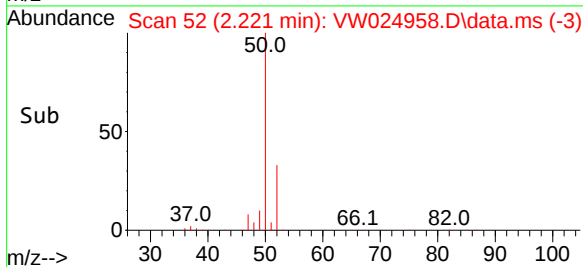
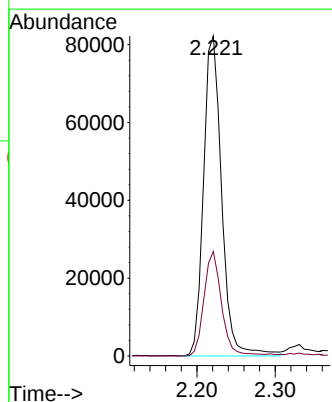
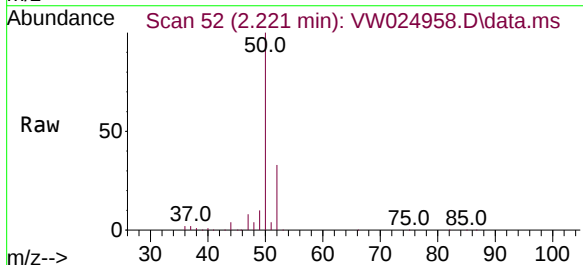
Instrument :
MSVOA_W
ClientSampleId :

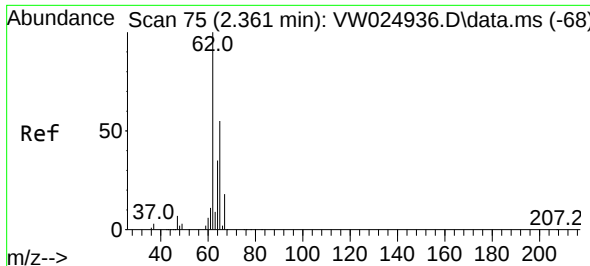
Tgt Ion: 85 Resp: 35230
Ion Ratio Lower Upper
85 100
87 29.0 26.8 40.2



#3
Chloromethane
Concen: 25.375 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

Tgt Ion: 50 Resp: 132063
Ion Ratio Lower Upper
50 100
52 32.6 23.1 42.9

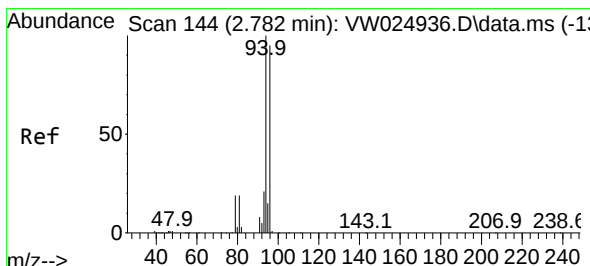
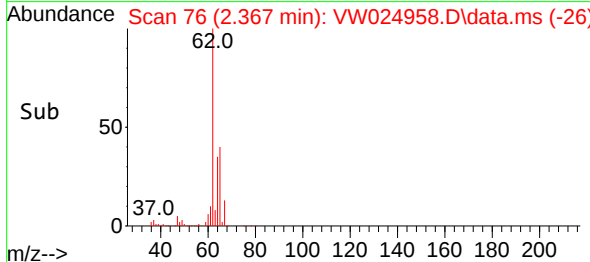
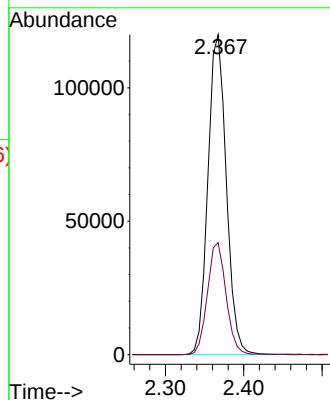
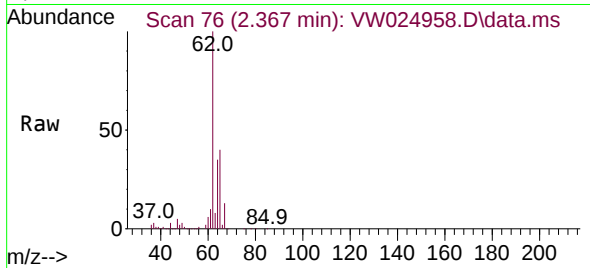




#5
 Vinyl chloride
 Concen: 27.491 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW024958.D
 Acq: 20 Oct 2022 08:37

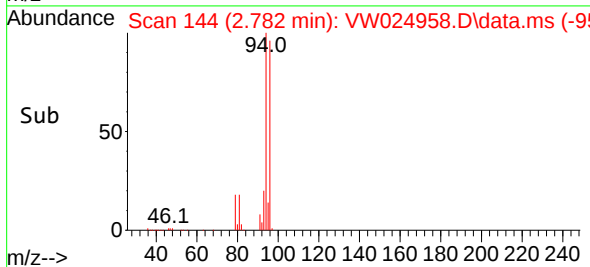
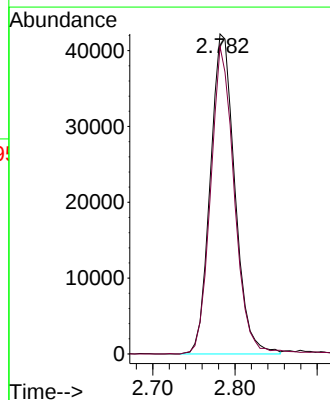
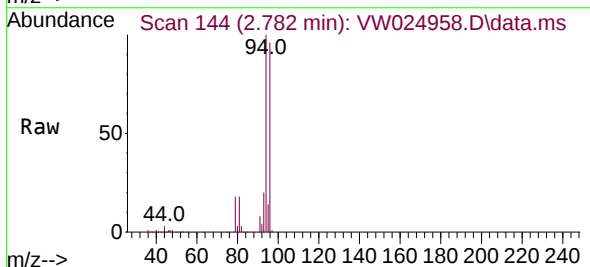
Instrument :
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 ClientSampleId :

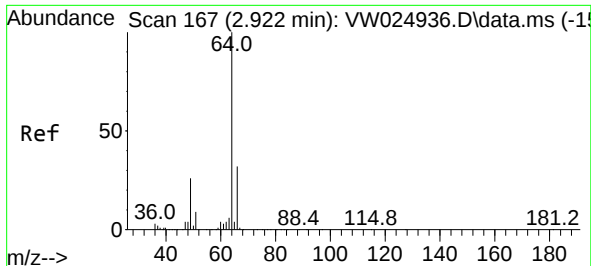
Tgt Ion: 62 Resp: 195199
 Ion Ratio Lower Upper
 62 100
 64 35.0 24.7 45.9



#6
 Bromomethane
 Concen: 25.345 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024958.D
 Acq: 20 Oct 2022 08:37

Tgt Ion: 94 Resp: 87409
 Ion Ratio Lower Upper
 94 100
 96 96.0 61.4 114.0

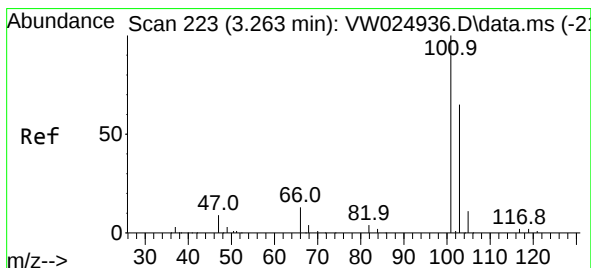
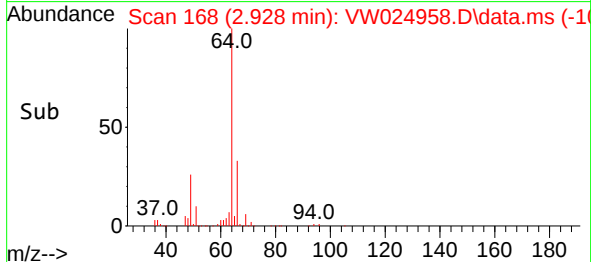
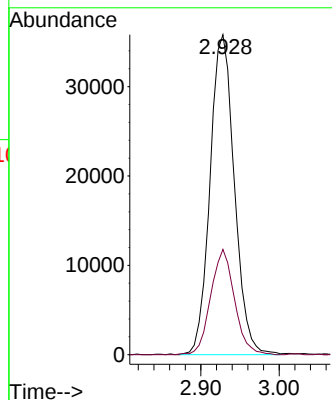
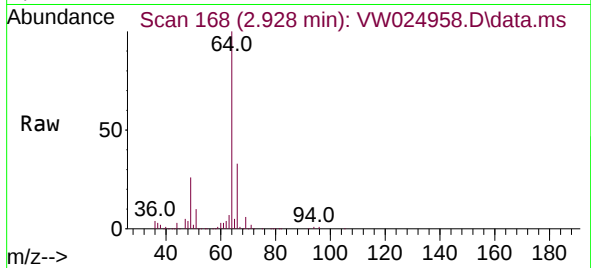




#8
Chloroethane
Concen: 26.115 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

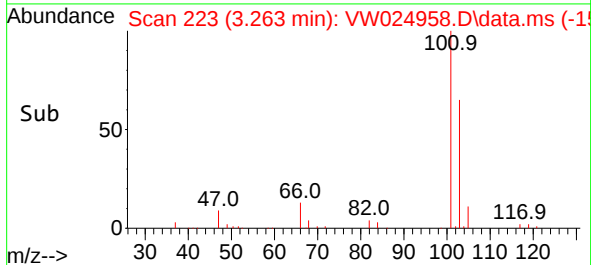
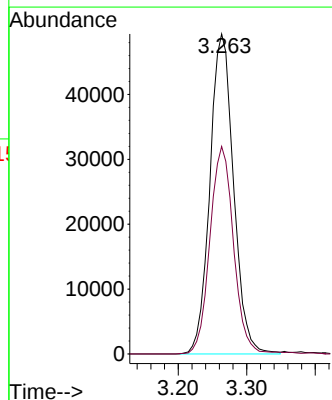
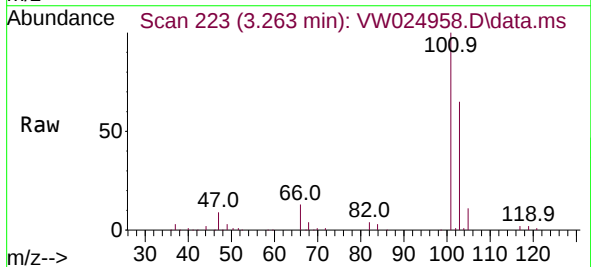
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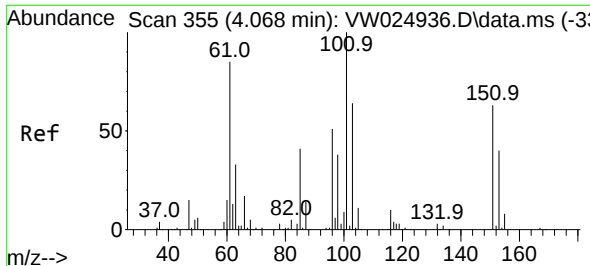
Tgt Ion: 64 Resp: 77263
Ion Ratio Lower Upper
64 100
66 32.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 33.706 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

Tgt Ion: 101 Resp: 118386
Ion Ratio Lower Upper
101 100
103 64.7 52.9 79.3

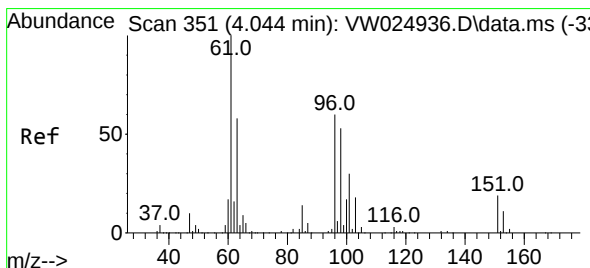
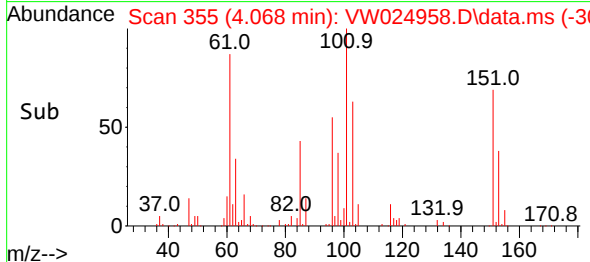
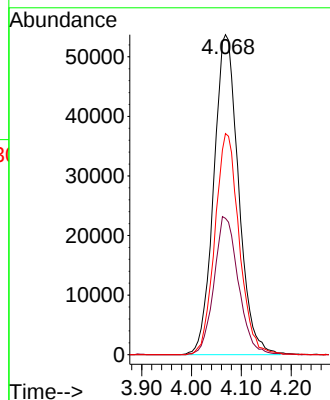
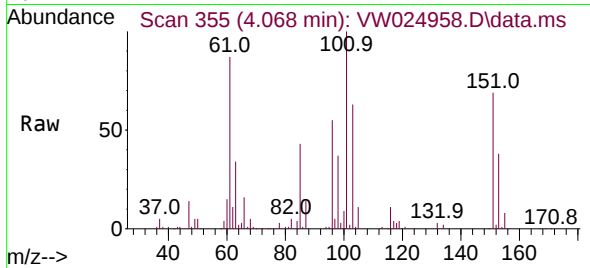




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.910 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW024958.D
 Acq: 20 Oct 2022 08:37

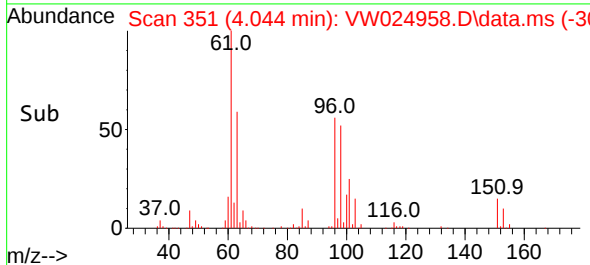
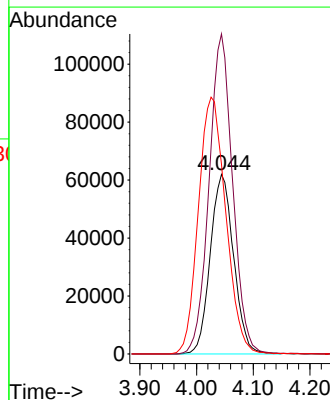
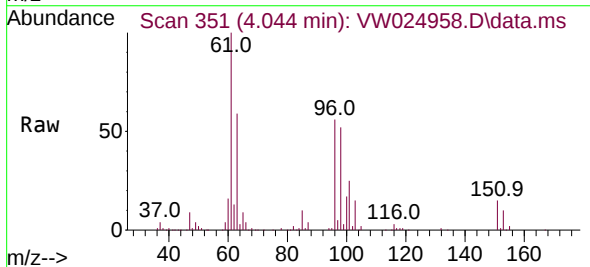
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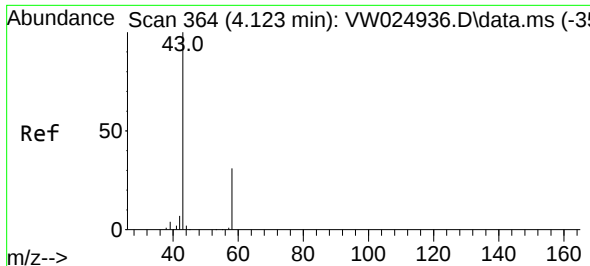
Tgt Ion:101 Resp: 185289
 Ion Ratio Lower Upper
 101 100
 85 42.4 33.6 50.4
 151 67.9 52.0 78.0



#12
 1,1-Dichloroethene
 Concen: 26.219 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024958.D
 Acq: 20 Oct 2022 08:37

Tgt Ion: 96 Resp: 177416
 Ion Ratio Lower Upper
 96 100
 61 178.3 122.4 227.2
 63 105.8 92.1 171.1





#13

Acetone

Concen: 54.019 ug/L

RT: 4.123 min Scan# 30

Delta R.T. 0.000 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

Instrument :

MSVOA_W

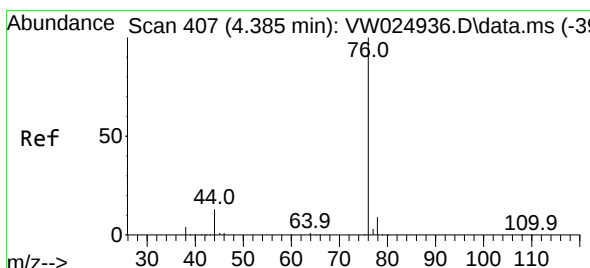
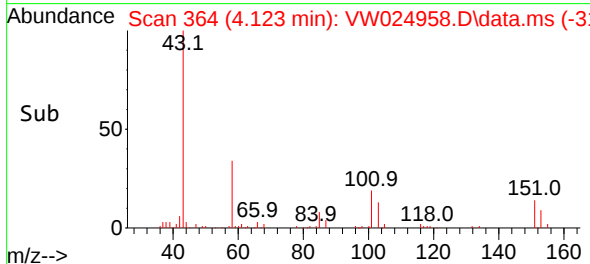
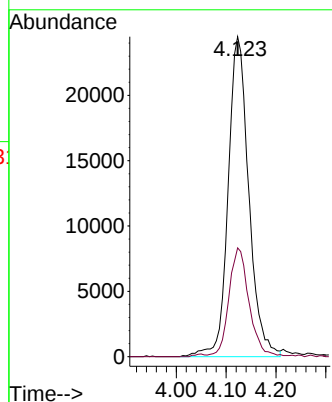
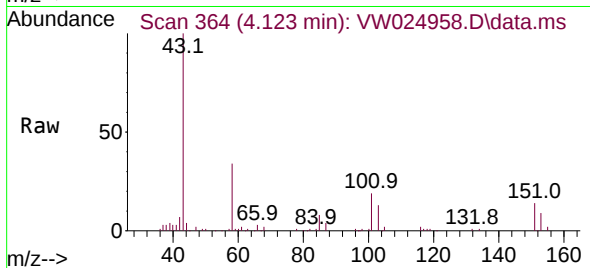
ClientSampleId :

Tgt Ion: 43 Resp: 70576

Ion Ratio Lower Upper

43 100

58 33.0 0.0 64.2



#14

Carbon disulfide

Concen: 25.785 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.006 min

Lab File: VW024958.D

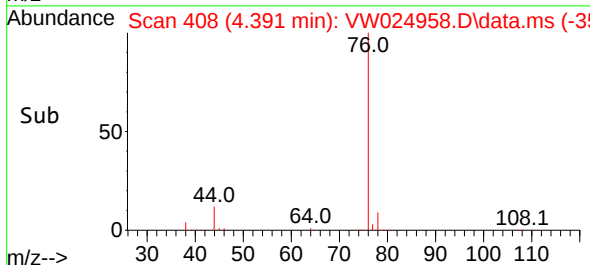
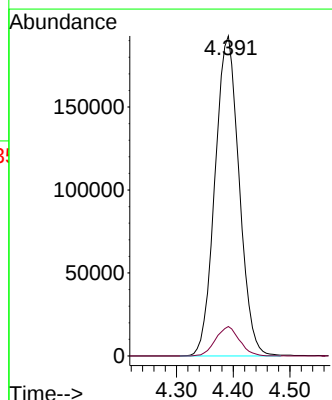
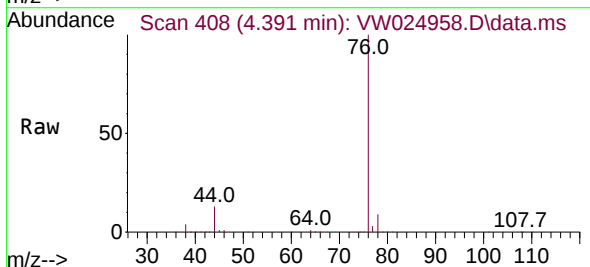
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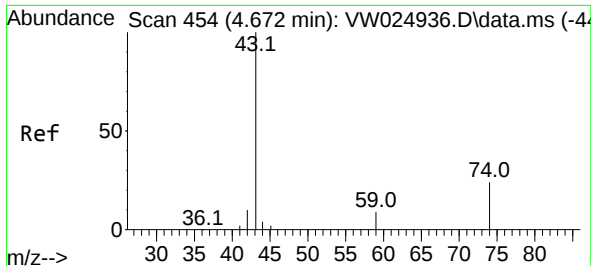
Tgt Ion: 76 Resp: 569919

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

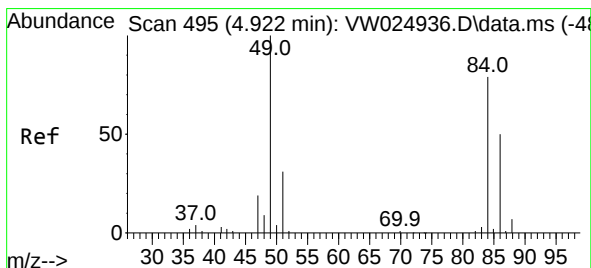
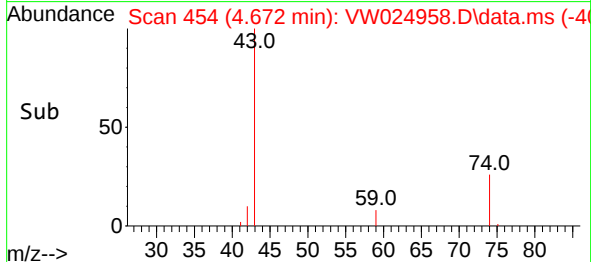
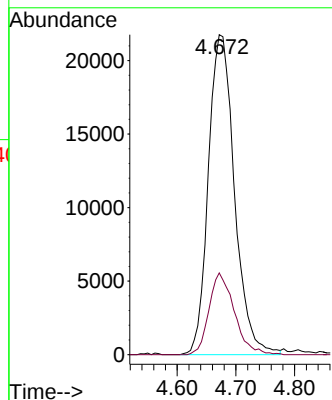
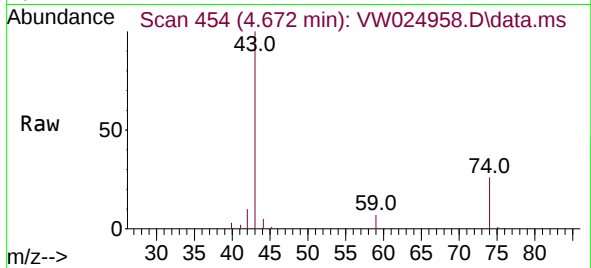




#15
Methyl Acetate
Concen: 21.166 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

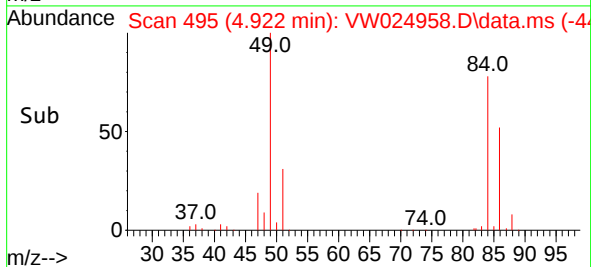
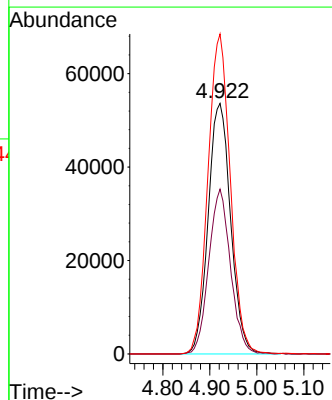
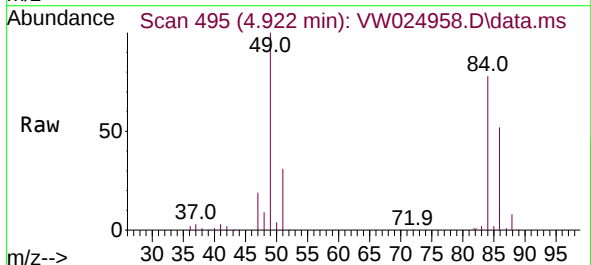
Instrument :
MSVOA_W
ClientSampleId :

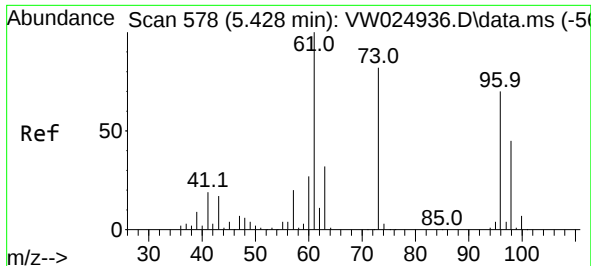
Tgt Ion: 43 Resp: 67301
Ion Ratio Lower Upper
43 100
74 24.7 19.0 28.6



#16
Methylene chloride
Concen: 20.236 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

Tgt Ion: 84 Resp: 178456
Ion Ratio Lower Upper
84 100
86 65.8 45.5 84.5
49 127.7 90.9 168.9





#17

trans-1,2-Dichloroethene

Concen: 26.263 ug/L

RT: 5.422 min Scan# 51

Delta R.T. -0.006 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

Instrument :
MSVOA_W
ClientSampleId :

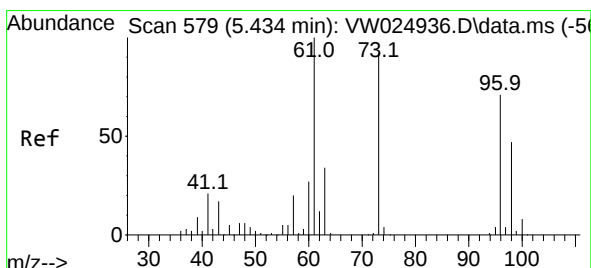
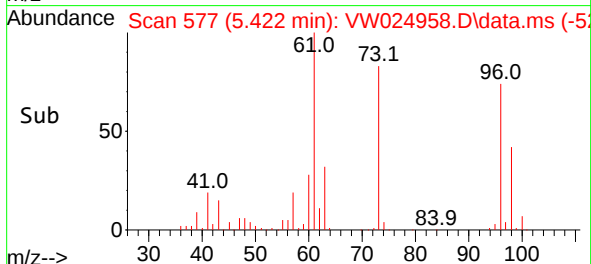
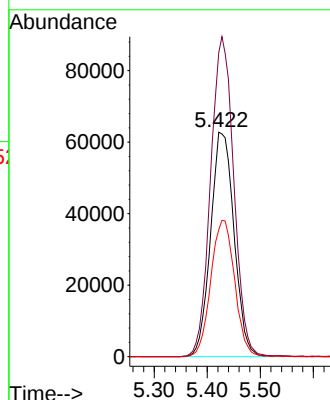
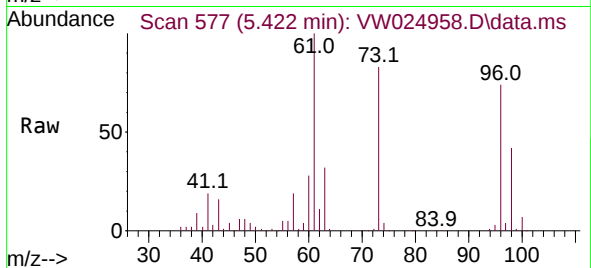
Tgt Ion: 96 Resp: 193445

Ion Ratio Lower Upper

96 100

61 135.5 102.2 189.8

98 56.6 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 23.831 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.006 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

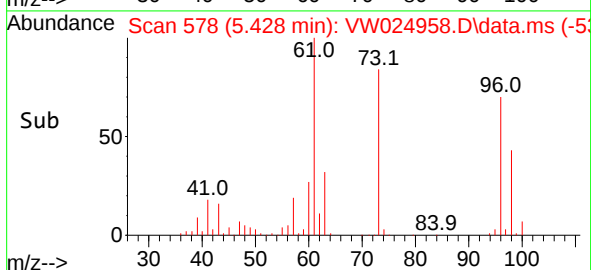
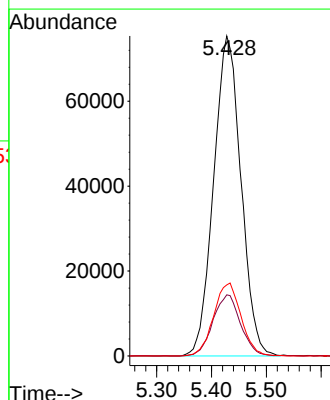
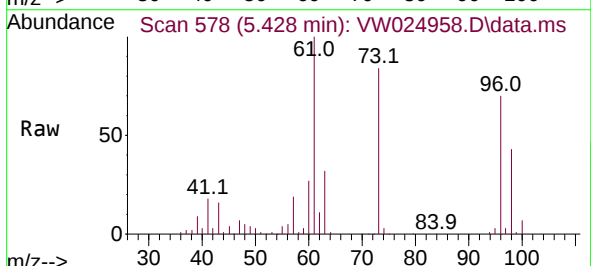
Tgt Ion: 73 Resp: 260841

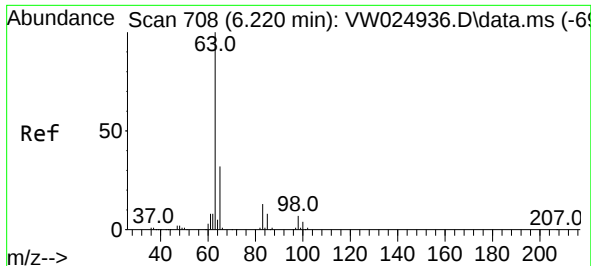
Ion Ratio Lower Upper

73 100

43 19.3 15.8 23.6

57 22.8 18.2 27.4





#19

1,1-Dichloroethane

Concen: 25.266 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

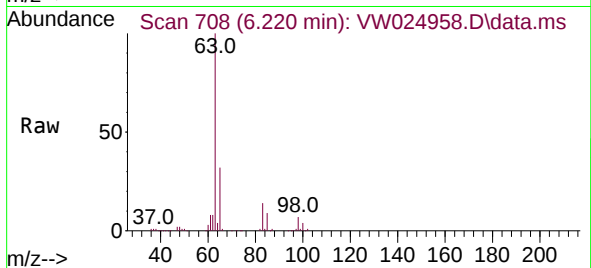
Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :



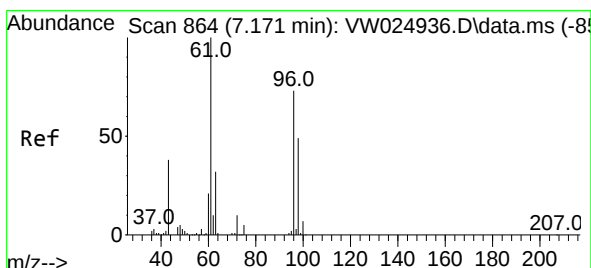
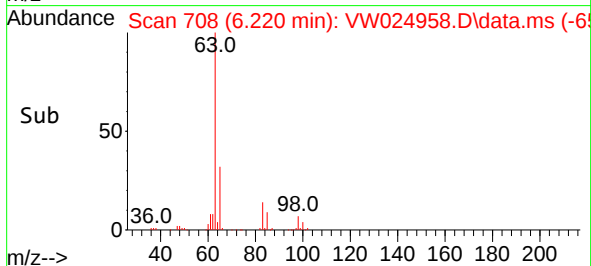
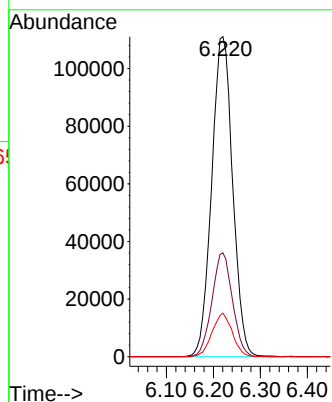
Tgt Ion: 63 Resp: 344309

Ion Ratio Lower Upper

63 100

65 32.4 22.4 41.6

83 13.6 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 24.896 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

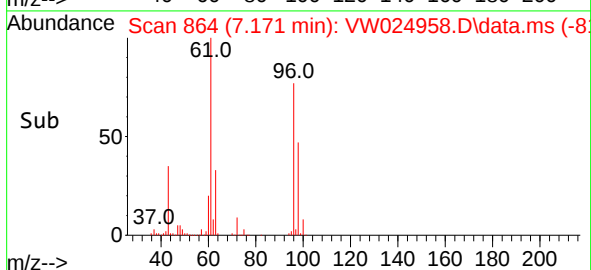
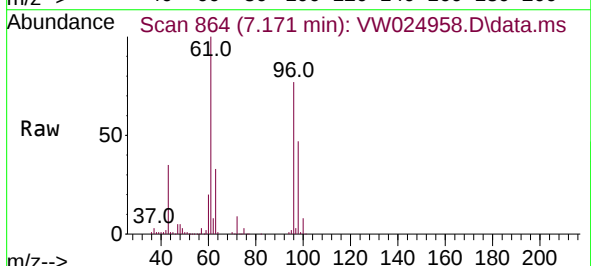
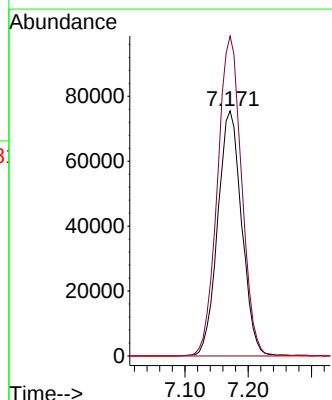
Tgt Ion: 96 Resp: 198185

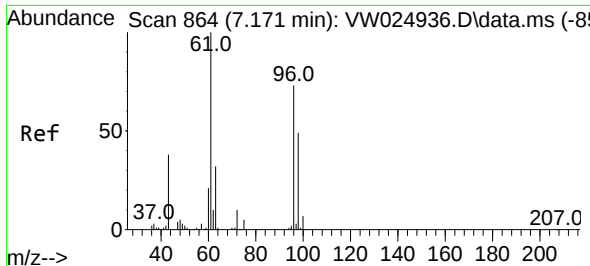
Ion Ratio Lower Upper

96 100

61 130.5 90.9 168.7

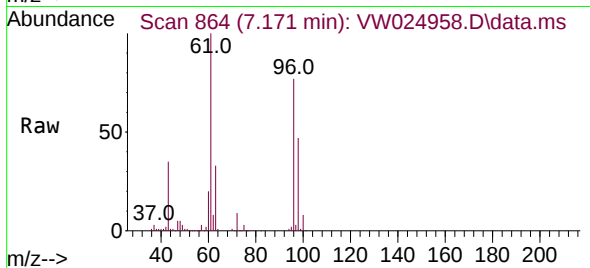
68 0.0 0.0 0.0



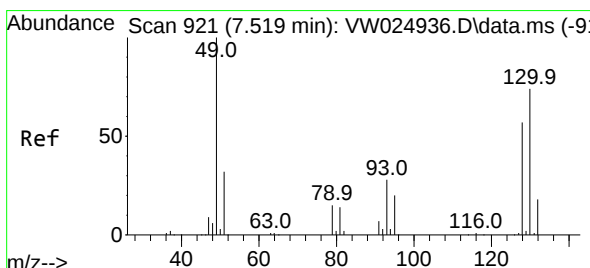
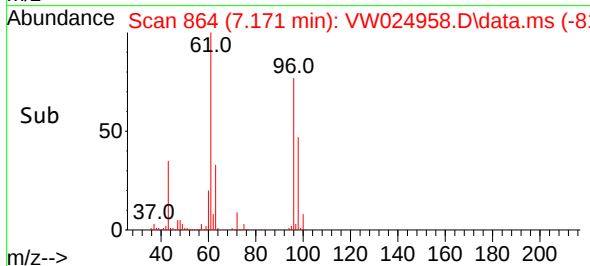
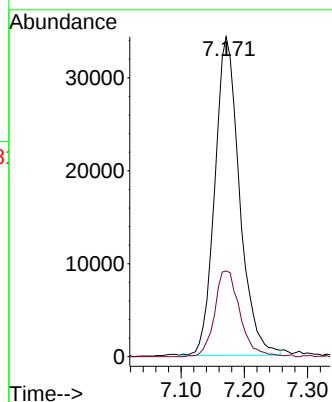


#22
2-Butanone
Concen: 42.685 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

Instrument :
MSVOA_W
ClientSampleId :

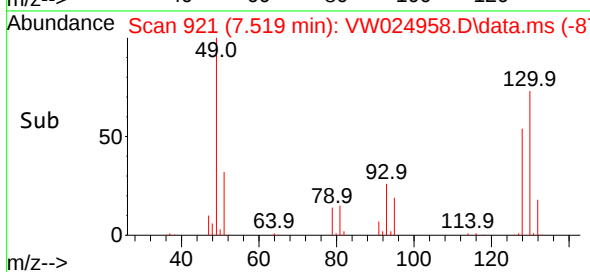
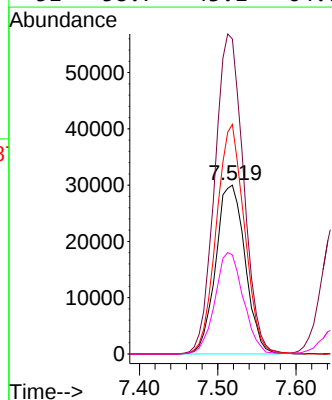
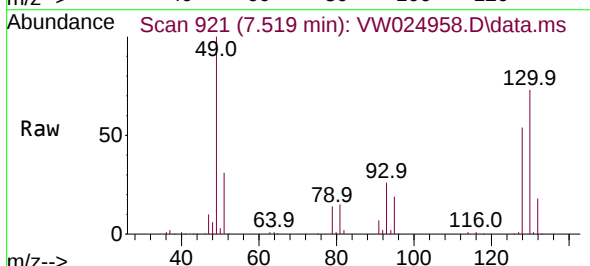


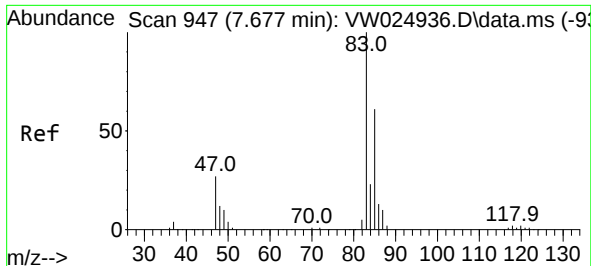
Tgt Ion: 43 Resp: 93033
Ion Ratio Lower Upper
43 100
72 27.6 14.1 42.3



#23
Bromochloromethane
Concen: 23.995 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

Tgt Ion: 128 Resp: 78130
Ion Ratio Lower Upper
128 100
49 186.7 122.7 227.9
130 136.1 86.0 159.8
51 58.7 43.1 64.7





#25

Chloroform

Concen: 24.607 ug/L

RT: 7.677 min Scan# 94

Delta R.T. 0.000 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

Instrument :

MSVOA_W

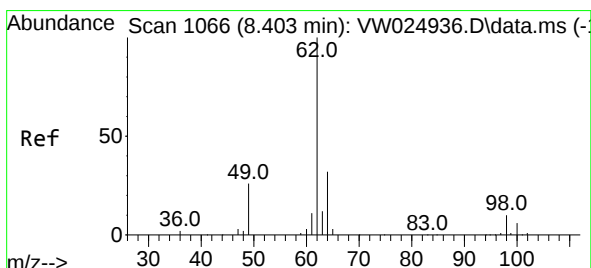
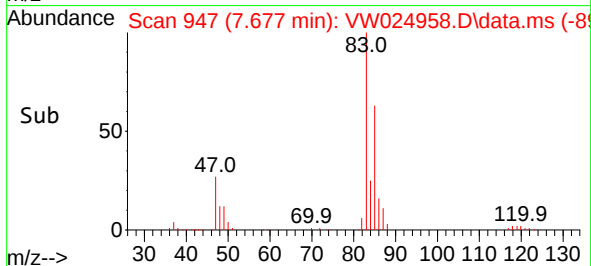
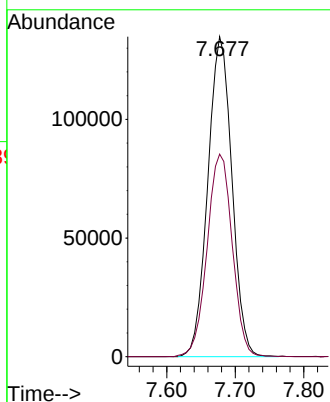
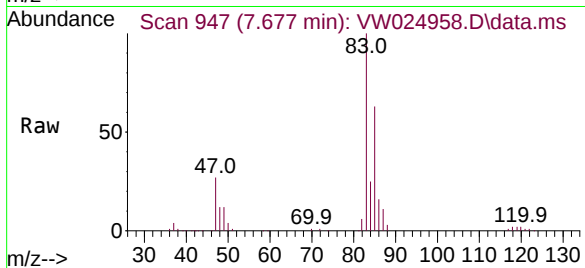
ClientSampleId :

Tgt Ion: 83 Resp: 329140

Ion Ratio Lower Upper

83 100

85 63.3 45.3 84.1



#27

1,2-Dichloroethane

Concen: 23.152 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW024958.D

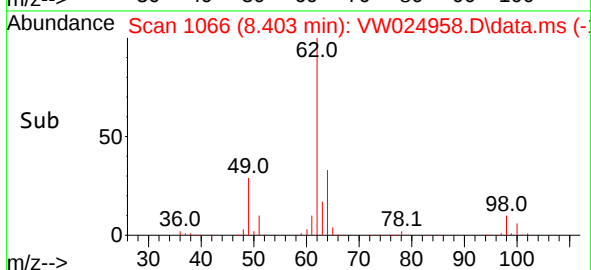
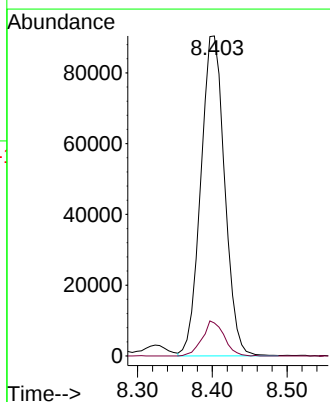
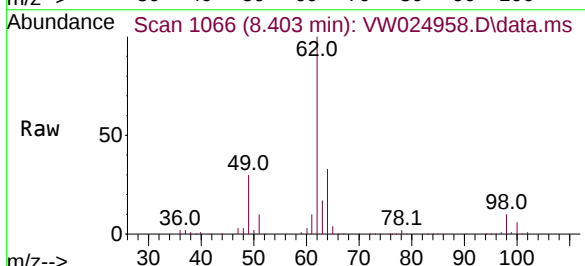
Acq: 20 Oct 2022 08:37

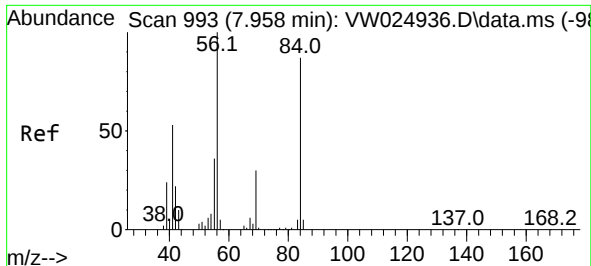
Tgt Ion: 62 Resp: 200245

Ion Ratio Lower Upper

62 100

98 10.3 7.8 11.6





#29

Cyclohexane

Concen: 27.966 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

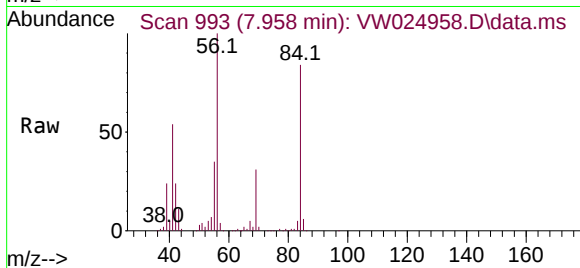
Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :



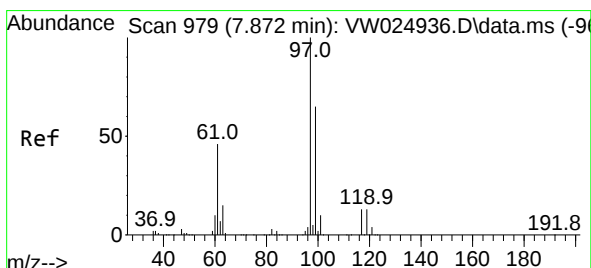
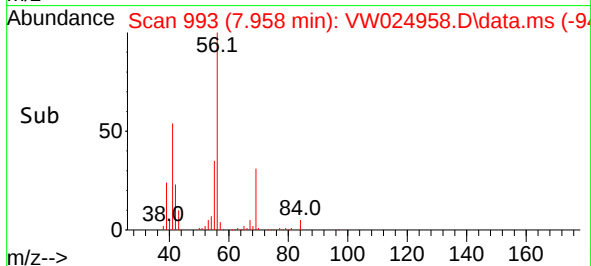
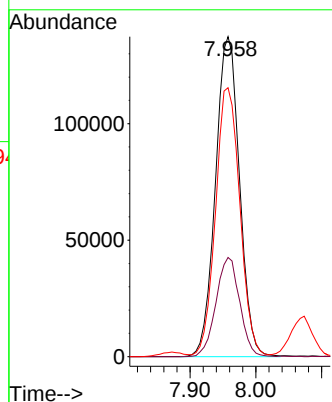
Tgt Ion: 56 Resp: 349956

Ion Ratio Lower Upper

56 100

69 30.5 24.2 36.2

84 85.2 67.7 101.5



#30

1,1,1-Trichloroethane

Concen: 28.160 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

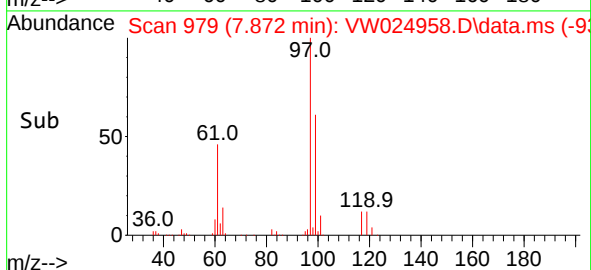
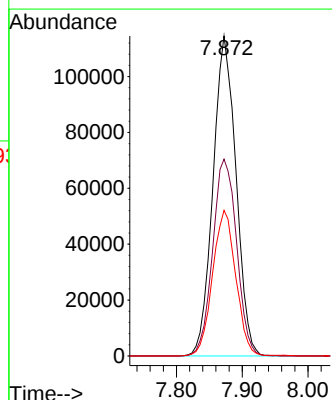
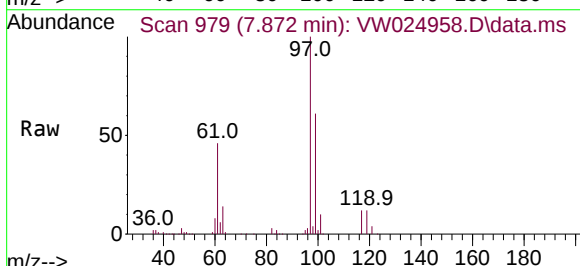
Tgt Ion: 97 Resp: 279037

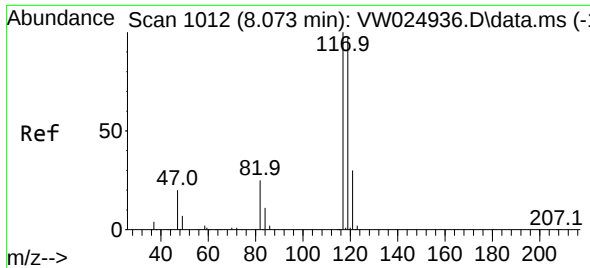
Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 45.8 37.3 55.9

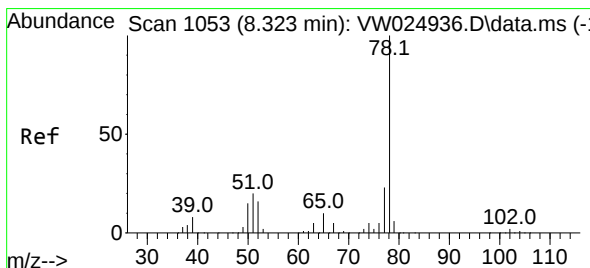
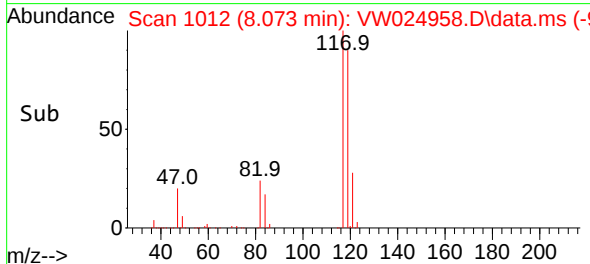
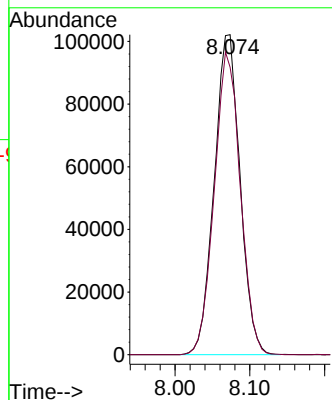
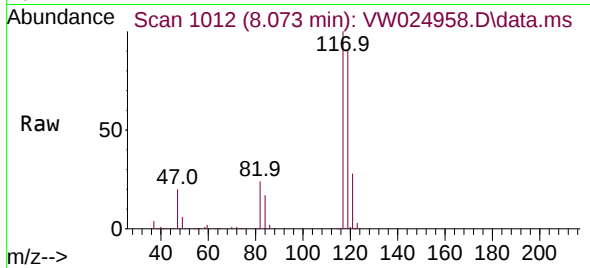




#31
Carbon tetrachloride
Concen: 28.229 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

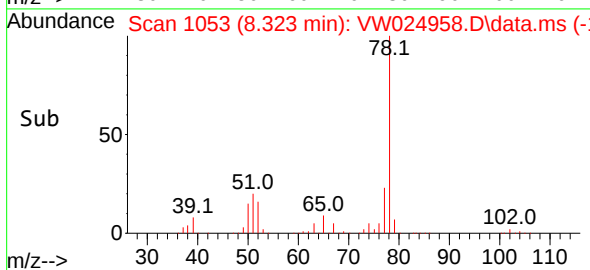
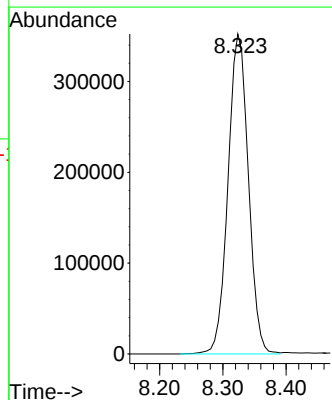
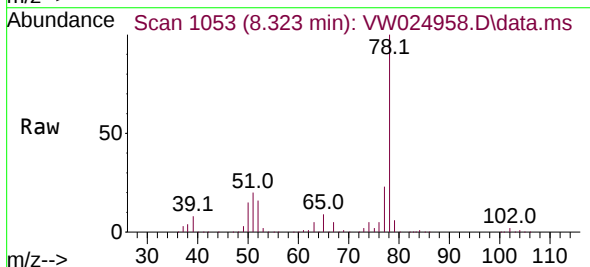
Instrument :
MSVOA_W
ClientSampleId :

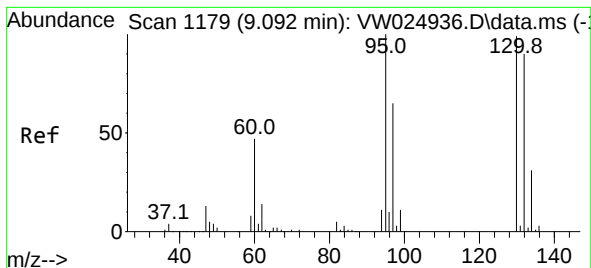
Tgt Ion:117 Resp: 245601
Ion Ratio Lower Upper
117 100
119 95.3 75.1 112.7



#33
Benzene
Concen: 26.859 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

Tgt Ion: 78 Resp: 787326





#34

Trichloroethene

Concen: 26.639 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 196651

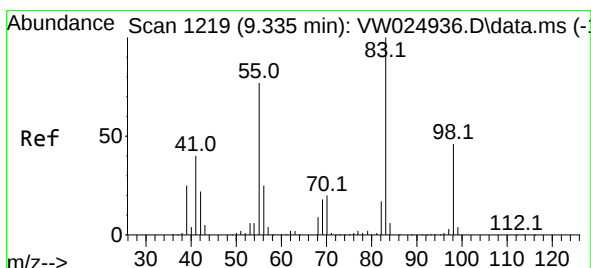
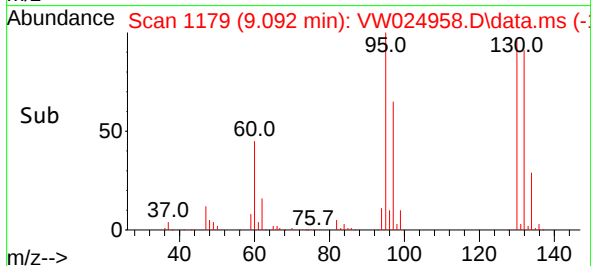
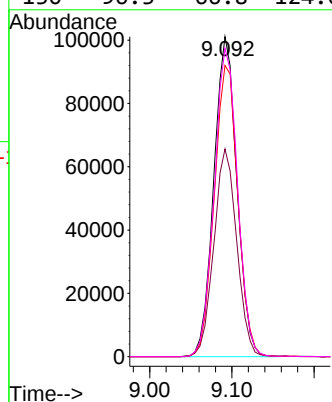
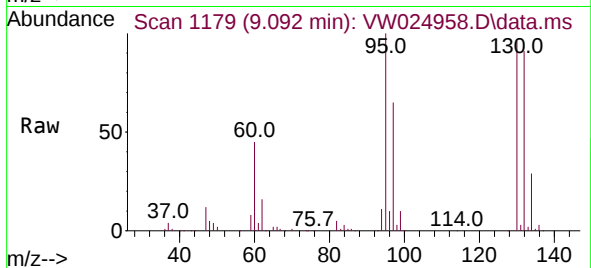
Ion Ratio Lower Upper

95 100

97 64.9 44.2 82.0

132 91.0 62.9 116.7

130 96.3 66.8 124.0



#35

Methylcyclohexane

Concen: 27.941 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

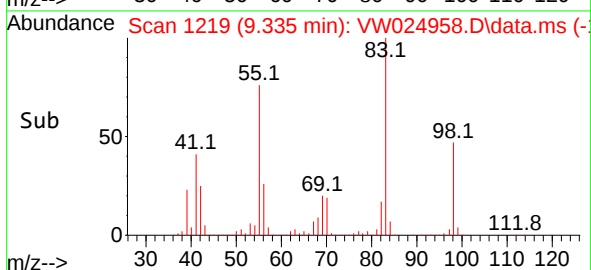
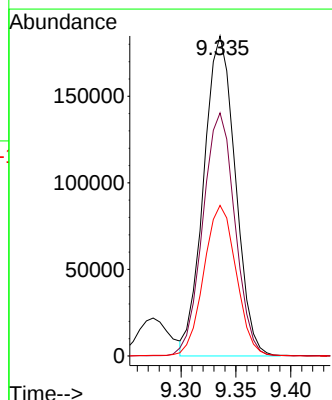
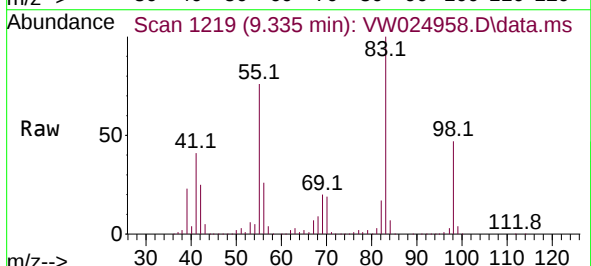
Tgt Ion: 83 Resp: 371216

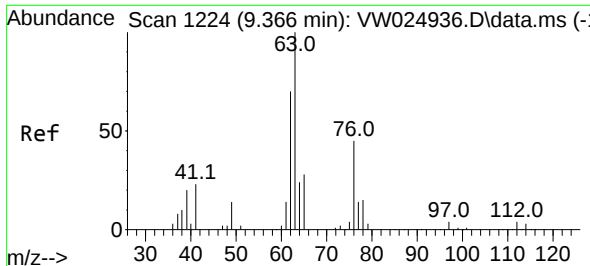
Ion Ratio Lower Upper

83 100

55 77.1 62.5 93.7

98 48.1 37.2 55.8





#37

1,2-Dichloropropane

Concen: 26.124 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

Instrument :

MSVOA_W

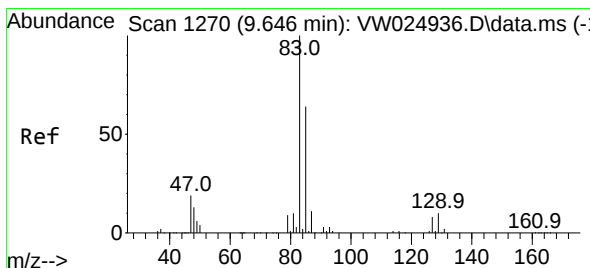
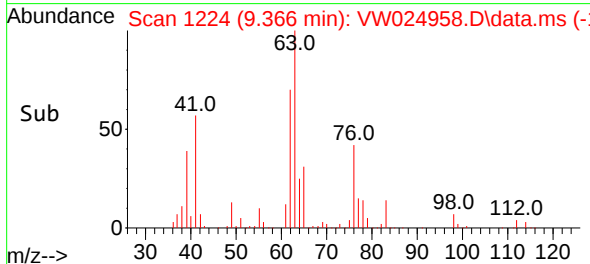
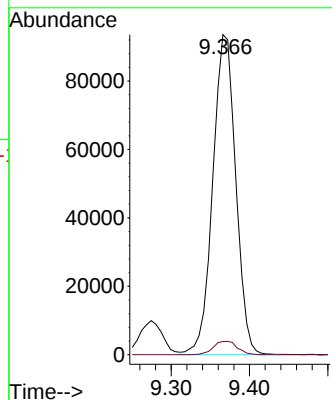
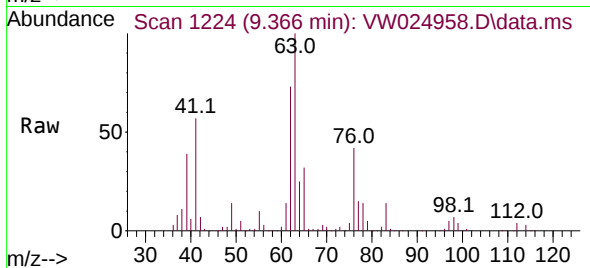
ClientSampleId :

Tgt Ion: 63 Resp: 190846

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 25.595 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

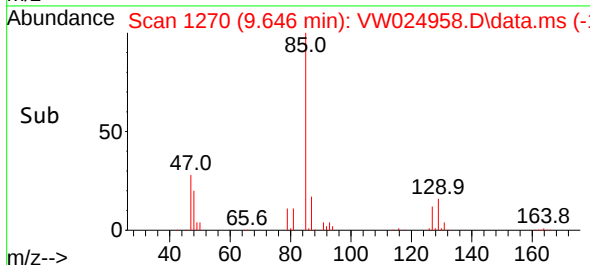
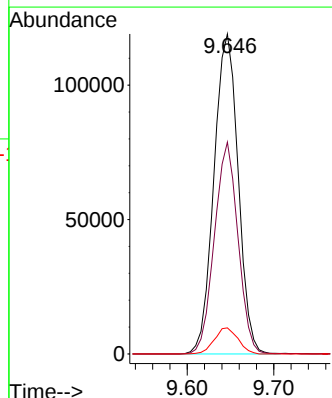
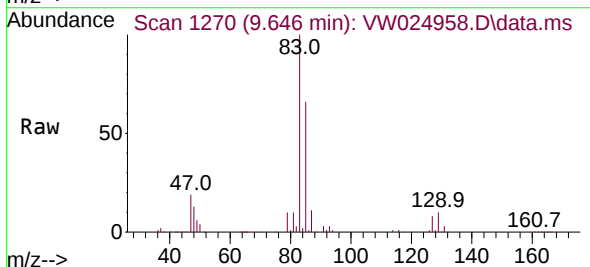
Tgt Ion: 83 Resp: 231025

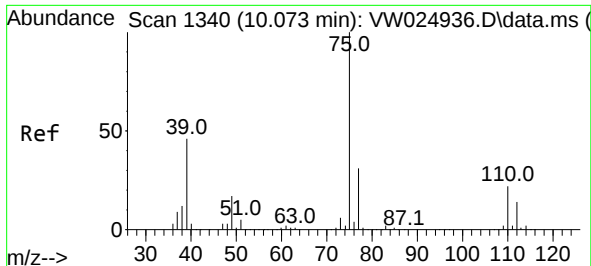
Ion Ratio Lower Upper

83 100

85 66.2 43.6 81.0

127 8.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 26.611 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

Instrument :

MSVOA_W

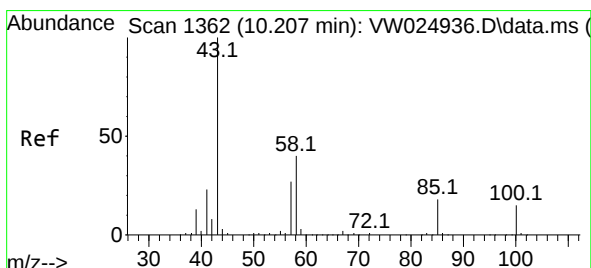
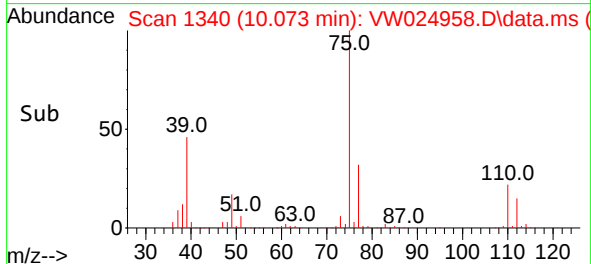
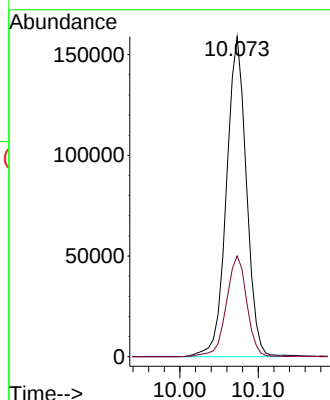
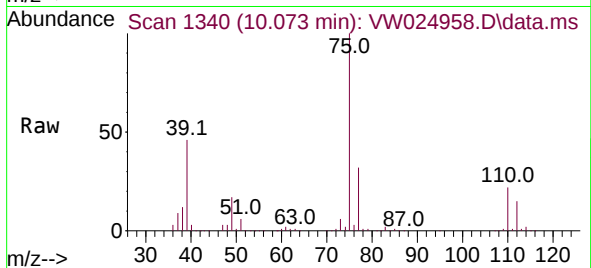
ClientSampleId :

Tgt Ion: 75 Resp: 280991

Ion Ratio Lower Upper

75 100

77 31.5 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 42.794 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

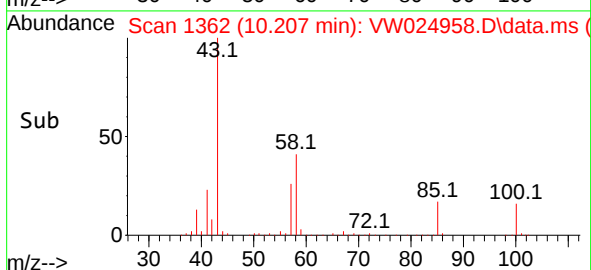
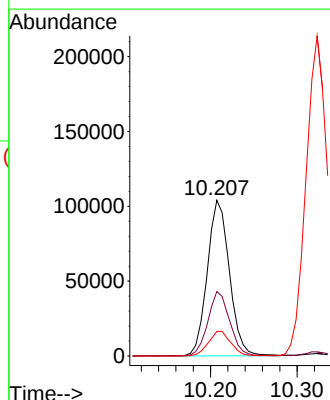
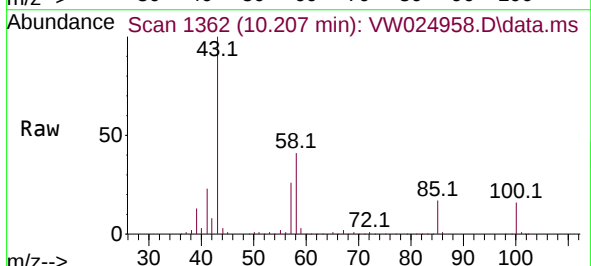
Tgt Ion: 43 Resp: 184776

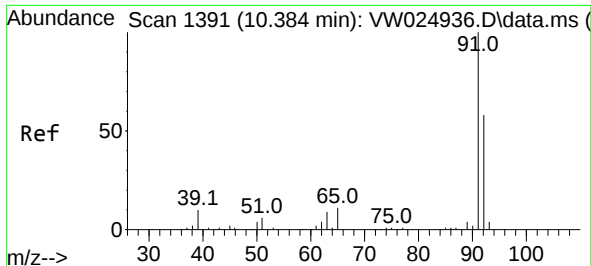
Ion Ratio Lower Upper

43 100

58 41.0 32.1 48.1

100 16.1 12.8 19.2





#42

Toluene

Concen: 27.269 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

Instrument :

MSVOA_W

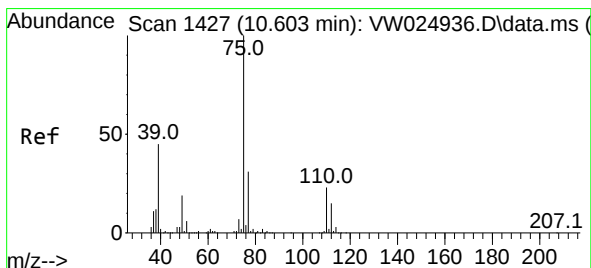
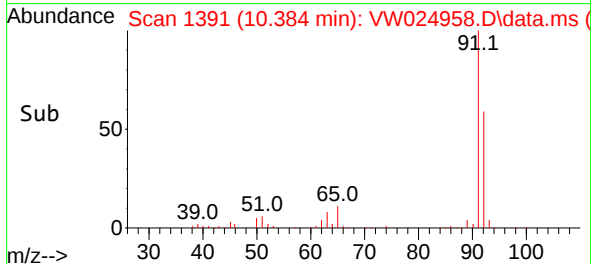
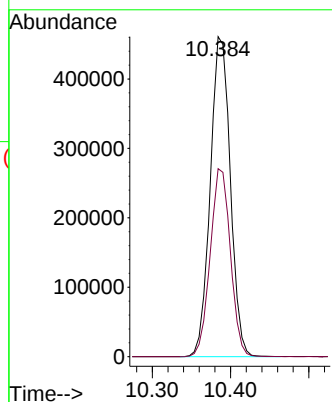
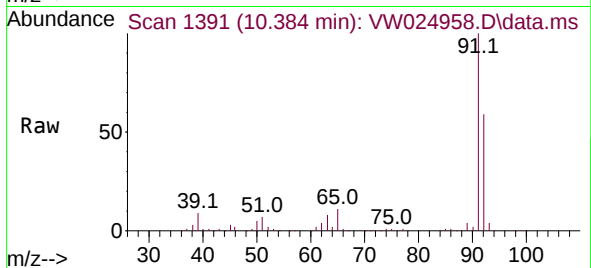
ClientSampleId :

Tgt Ion: 91 Resp: 819554

Ion Ratio Lower Upper

91 100

92 58.8 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 26.432 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024958.D

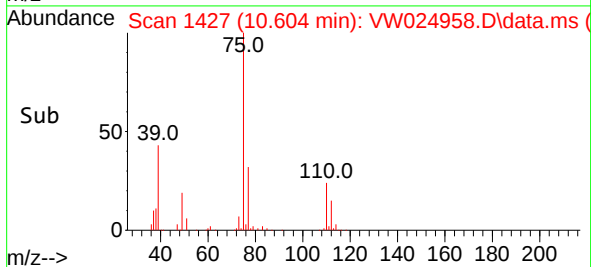
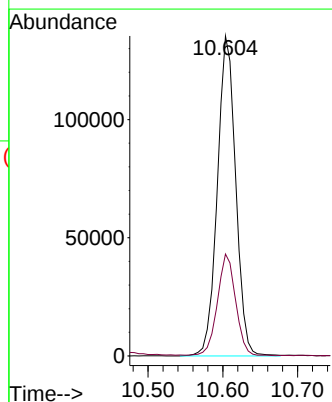
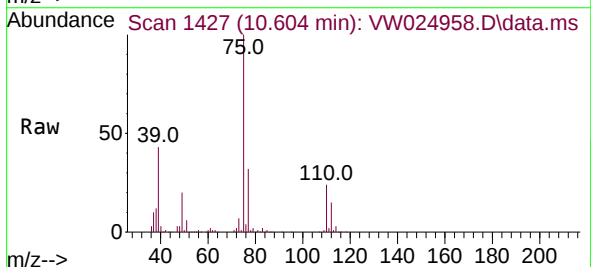
Acq: 20 Oct 2022 08:37

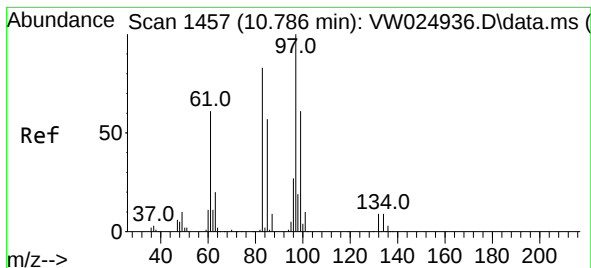
Tgt Ion: 75 Resp: 231724

Ion Ratio Lower Upper

75 100

77 31.8 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 24.257 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 123779

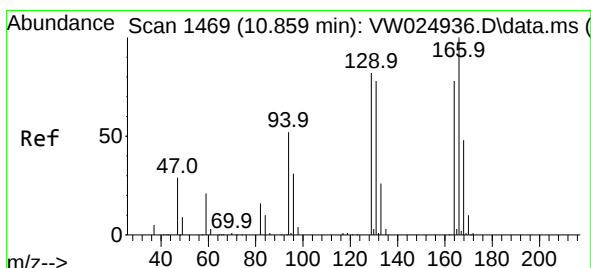
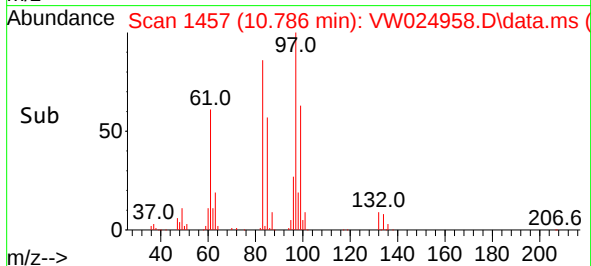
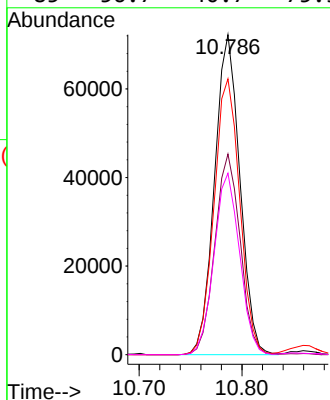
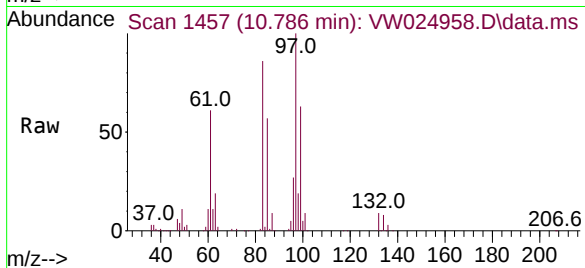
Ion Ratio Lower Upper

97 100

99 62.7 44.7 83.1

83 86.2 59.6 110.8

85 56.7 40.7 75.5



#46

Tetrachloroethene

Concen: 27.347 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

Tgt Ion:164 Resp: 137270

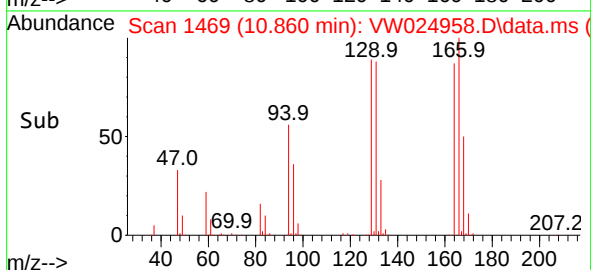
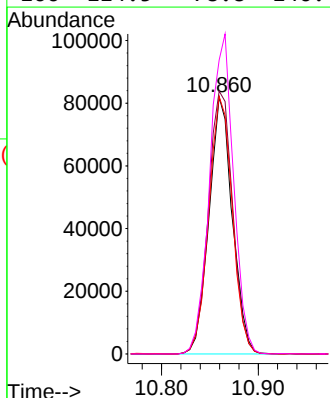
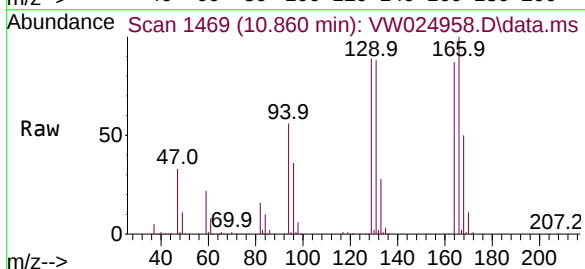
Ion Ratio Lower Upper

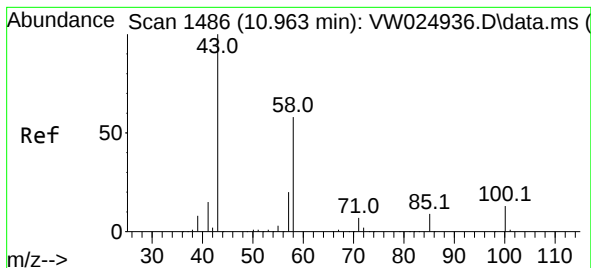
164 100

129 102.4 78.7 146.1

131 100.3 71.1 132.1

166 114.5 78.8 146.4

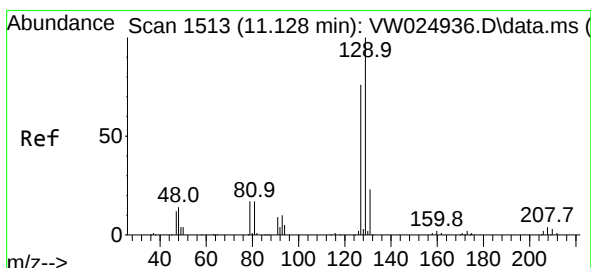
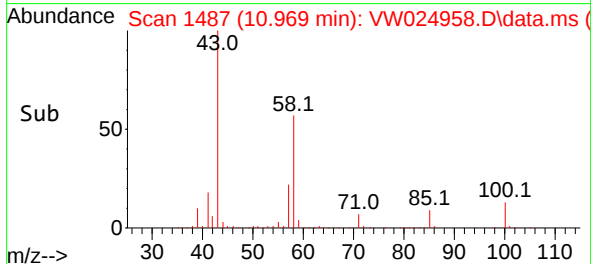
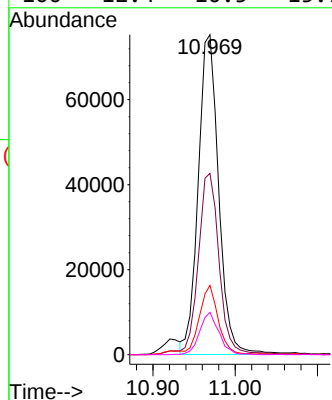
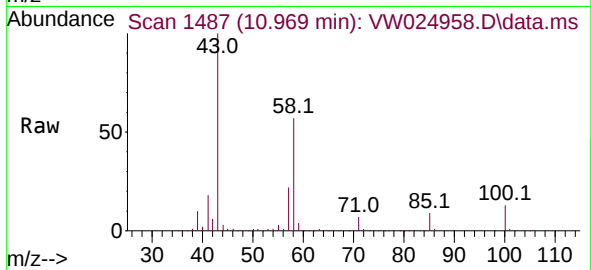




#48
2-Hexanone
Concen: 44.444 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

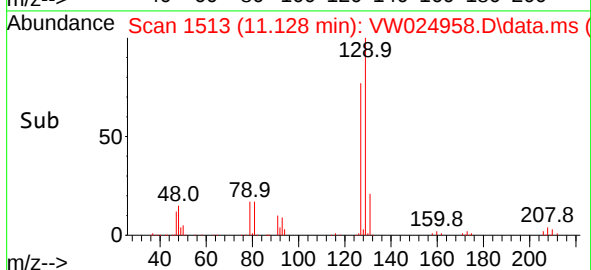
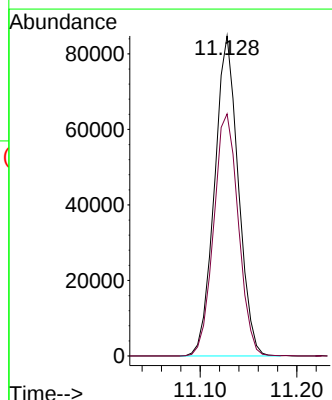
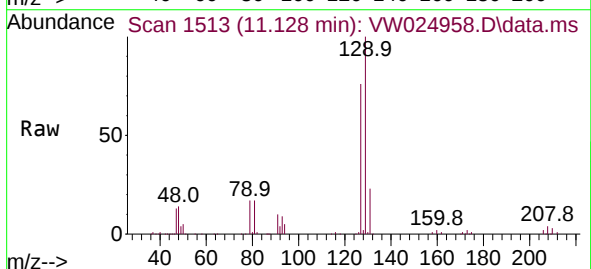
Instrument :
MSVOA_W
ClientSampleId :

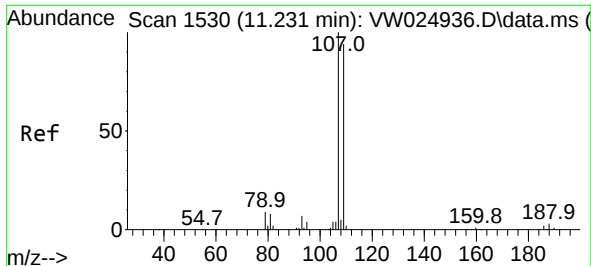
Tgt Ion:	43	Resp:	130112
Ion	Ratio	Lower	Upper
43	100		
58	57.3	47.0	70.6
57	19.9	16.0	24.0
100	12.4	10.5	15.7



#49
Dibromochloromethane
Concen: 25.558 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

Tgt Ion:	129	Resp:	144373
Ion	Ratio	Lower	Upper
129	100		
127	75.6	53.9	100.1





#50

1,2-Dibromoethane

Concen: 24.330 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.006 min

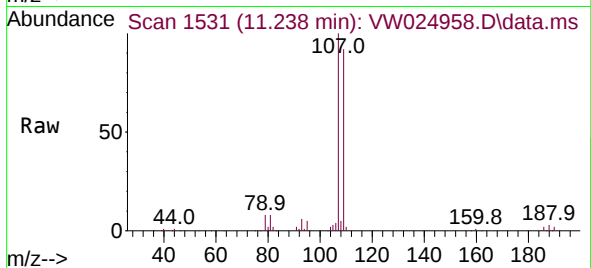
Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :



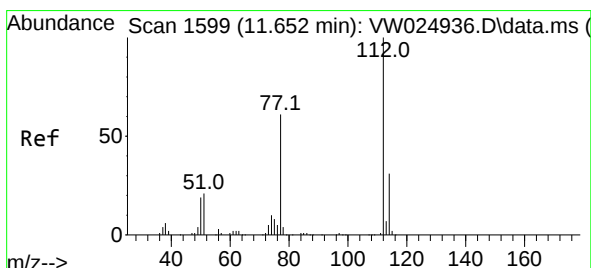
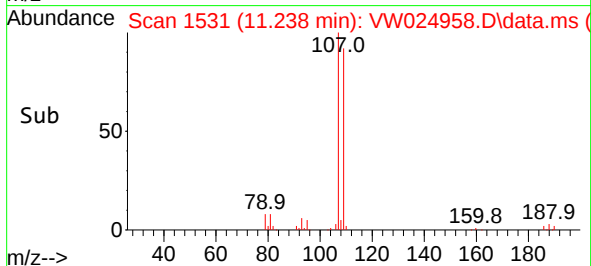
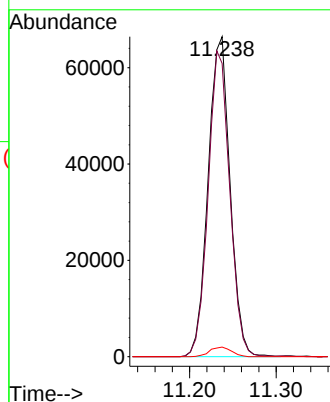
Tgt Ion:107 Resp: 116956

Ion Ratio Lower Upper

107 100

109 91.6 62.8 116.6

188 3.0 2.2 3.2



#51

Chlorobenzene

Concen: 26.430 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

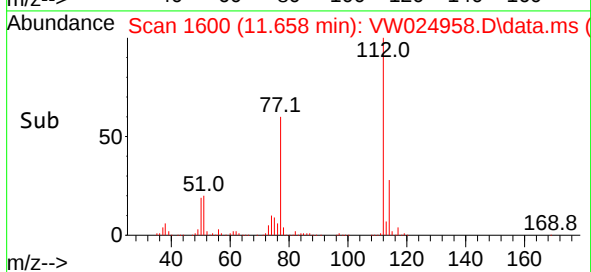
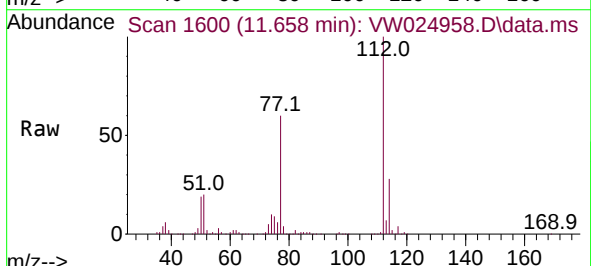
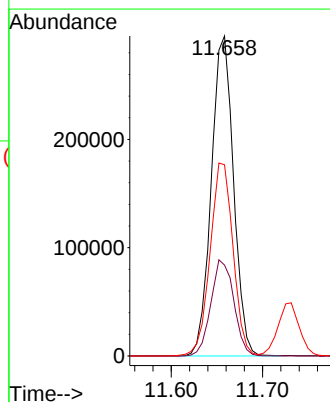
Tgt Ion:112 Resp: 499247

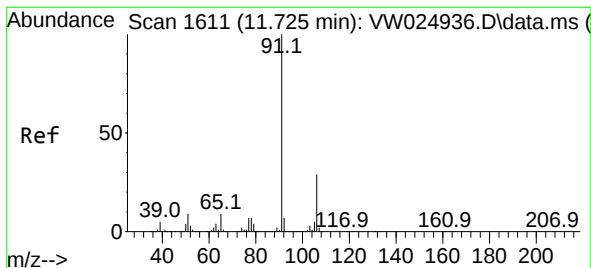
Ion Ratio Lower Upper

112 100

114 28.4 22.7 42.3

77 59.7 49.8 74.8

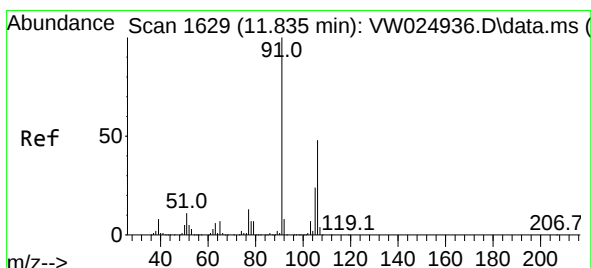
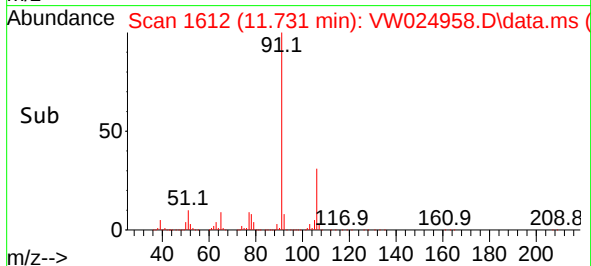
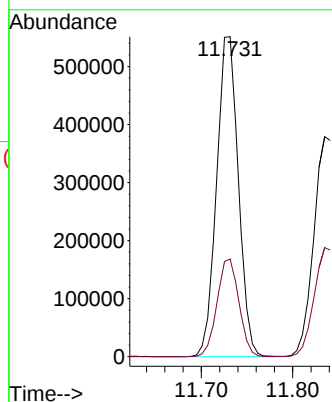
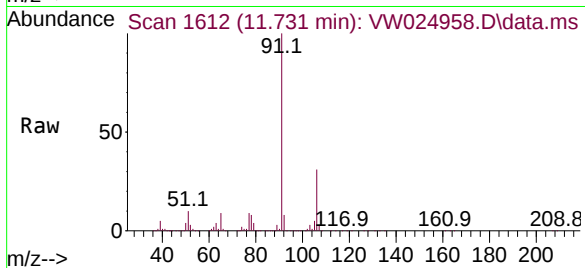




#52
Ethylbenzene
Concen: 27.135 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

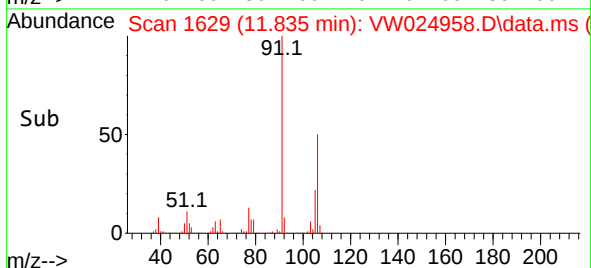
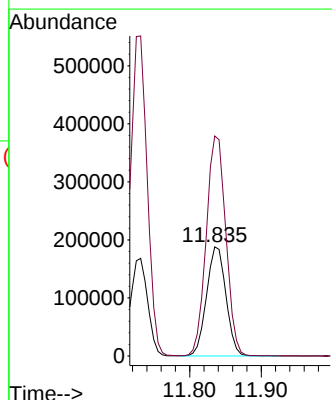
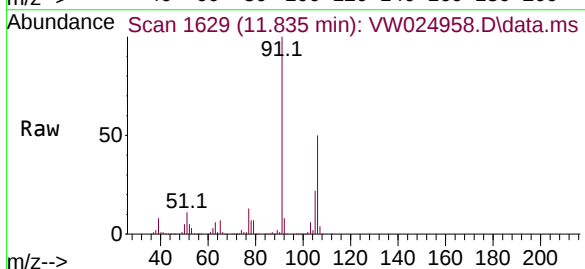
Instrument :
MSVOA_W
ClientSampleId :

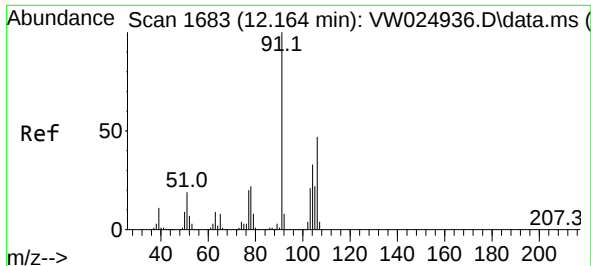
Tgt Ion: 91 Resp: 913221
Ion Ratio Lower Upper
91 100
106 30.5 20.1 37.3



#53
m,p-Xylene
Concen: 27.686 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

Tgt Ion:106 Resp: 354010
Ion Ratio Lower Upper
106 100
91 201.7 147.4 273.8

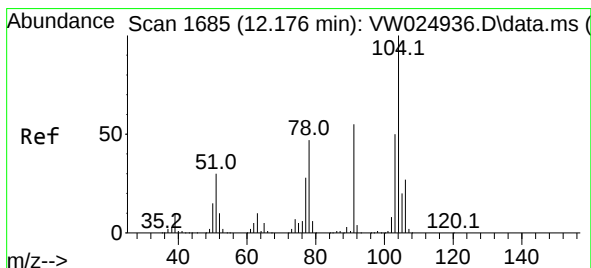
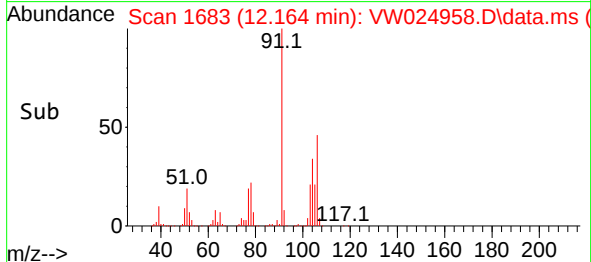
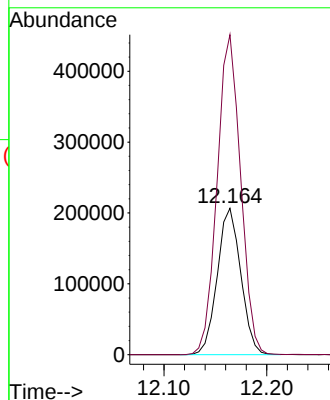
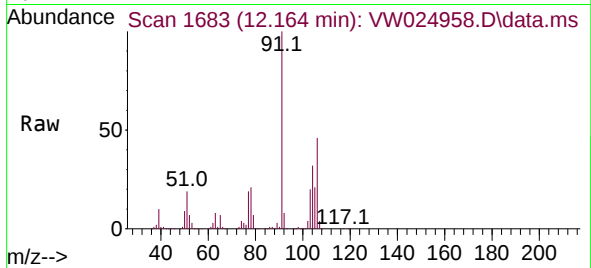




#54
o-Xylene
Concen: 26.931 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

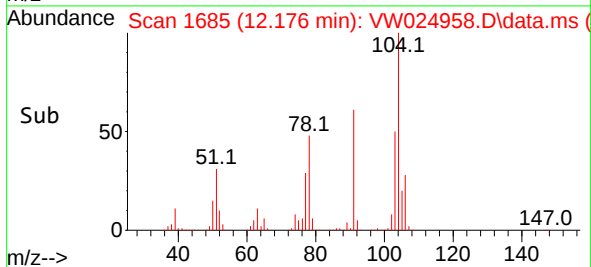
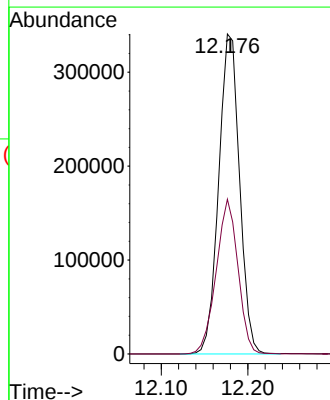
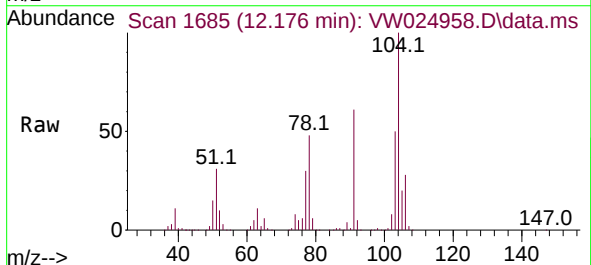
Instrument :
MSVOA_W
ClientSampleId :

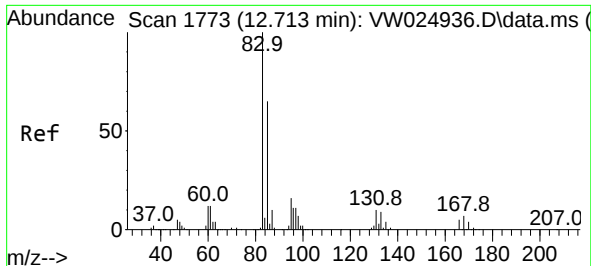
Tgt Ion:106 Resp: 327869
Ion Ratio Lower Upper
106 100
91 218.6 151.0 280.4



#55
Styrene
Concen: 27.280 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

Tgt Ion:104 Resp: 569639
Ion Ratio Lower Upper
104 100
78 48.4 32.6 60.5





#57

1,1,2-Tetrachloroethane

Concen: 22.832 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :

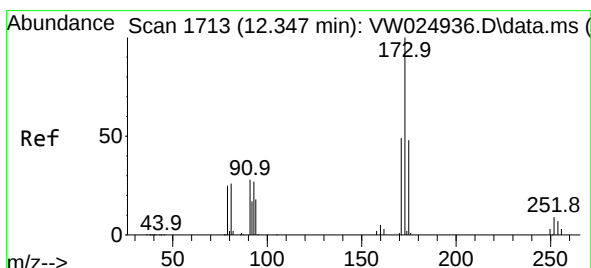
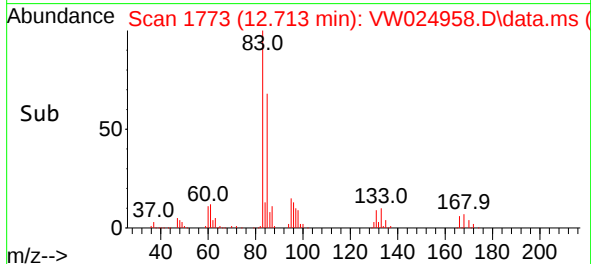
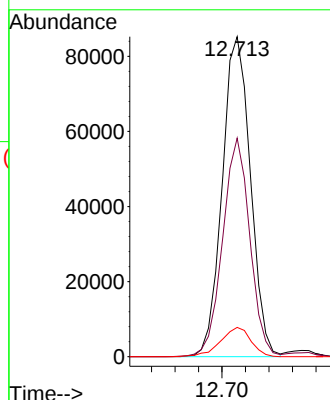
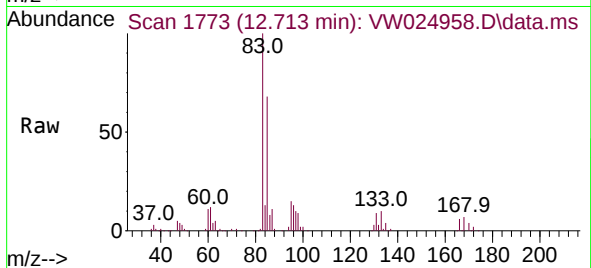
Tgt Ion: 83 Resp: 142145

Ion Ratio Lower Upper

83 100

85 68.3 44.5 82.7

131 9.2 6.8 10.2



#59

Bromoform

Concen: 23.129 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

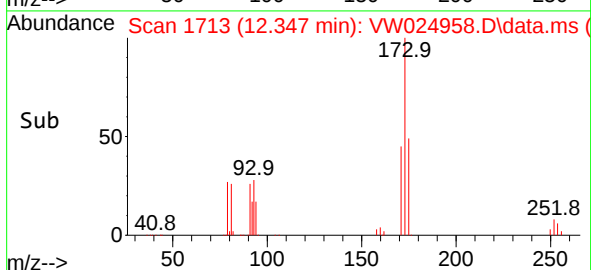
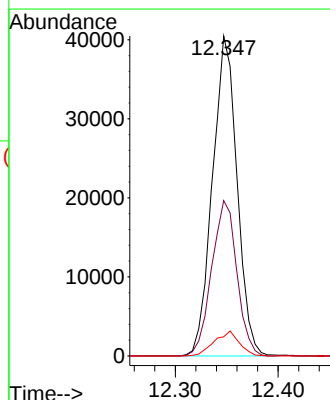
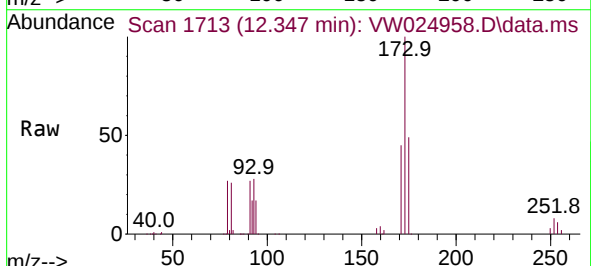
Tgt Ion:173 Resp: 67199

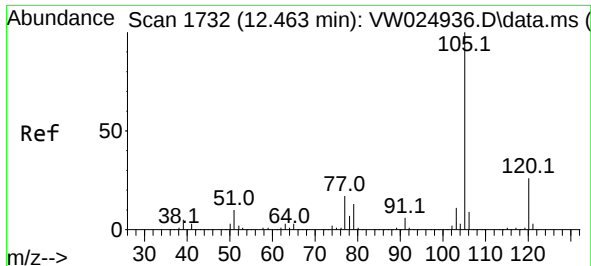
Ion Ratio Lower Upper

173 100

175 49.6 38.6 58.0

254 7.9 4.8 7.2#

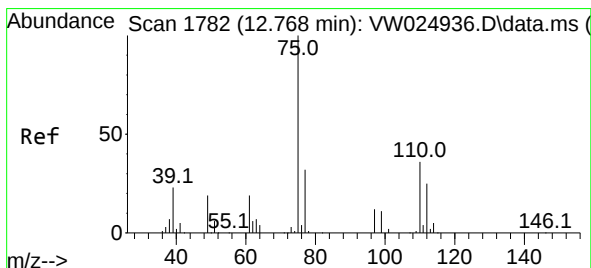
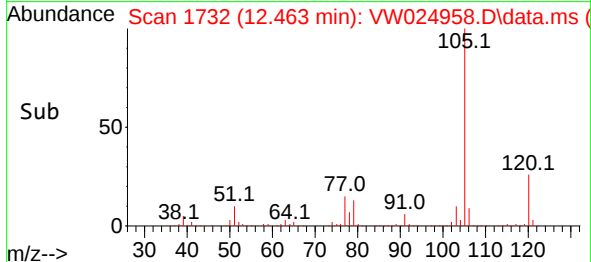
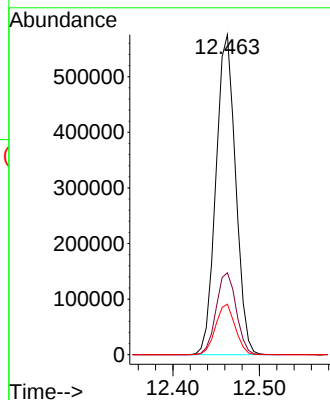
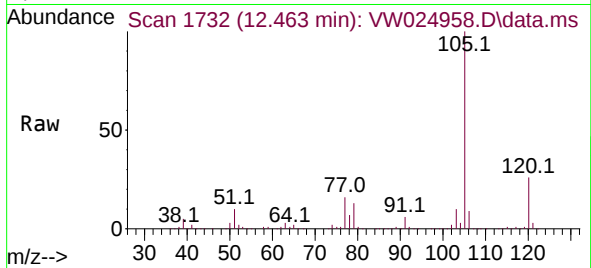




#60
Isopropylbenzene
Concen: 25.951 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

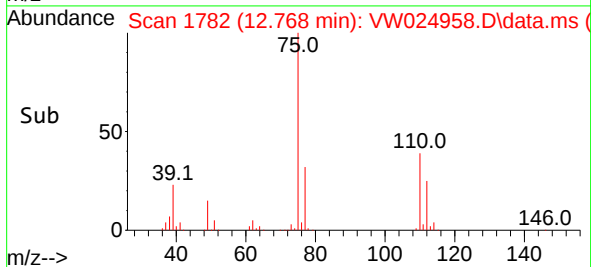
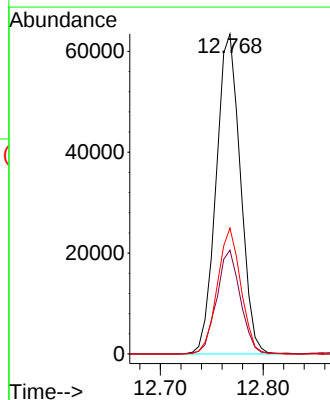
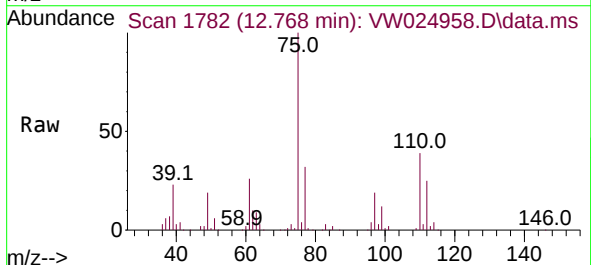
Instrument :
MSVOA_W
ClientSampleId :

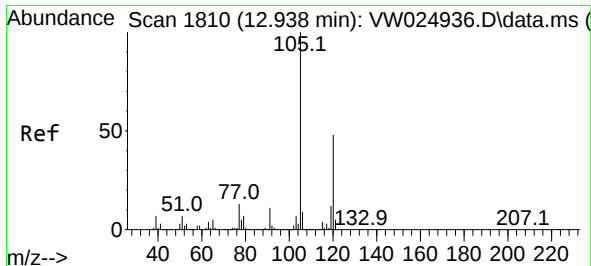
Tgt Ion:105 Resp: 908944
Ion Ratio Lower Upper
105 100
120 26.2 20.5 30.7
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 21.730 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

Tgt Ion: 75 Resp: 103747
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6
110 38.1 30.8 46.2





#62

1,3,5-Trimethylbenzene

Concen: 25.927 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

Instrument :

MSVOA_W

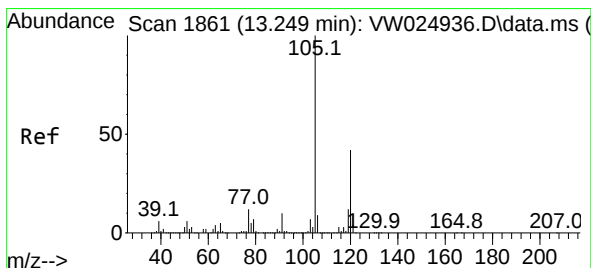
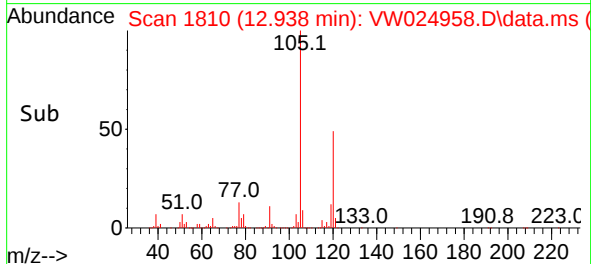
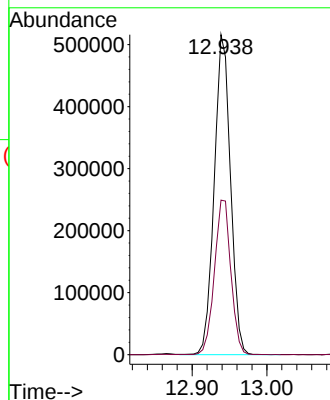
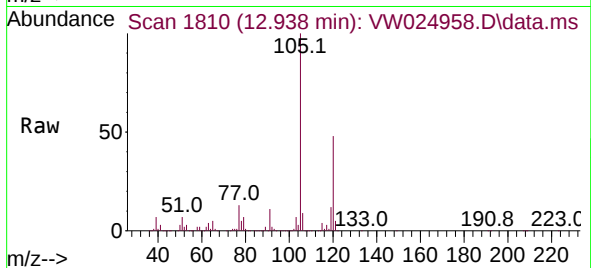
ClientSampleId :

Tgt Ion:105 Resp: 779660

Ion Ratio Lower Upper

105 100

120 48.8 38.1 57.1



#63

1,2,4-Trimethylbenzene

Concen: 26.176 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024958.D

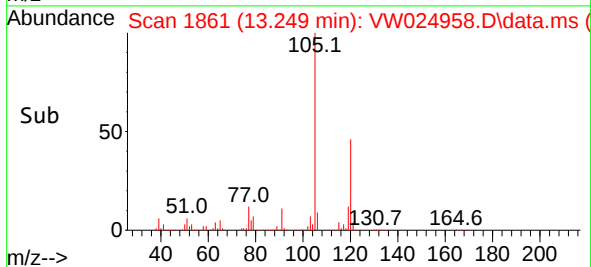
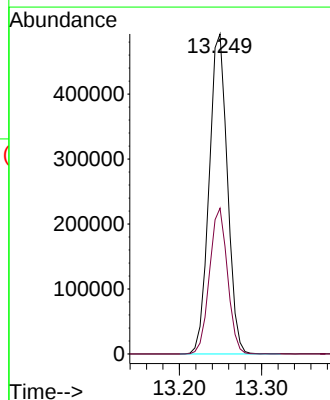
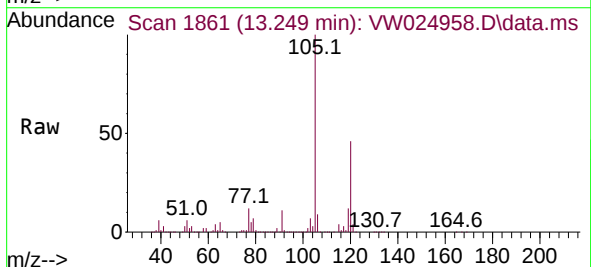
Acq: 20 Oct 2022 08:37

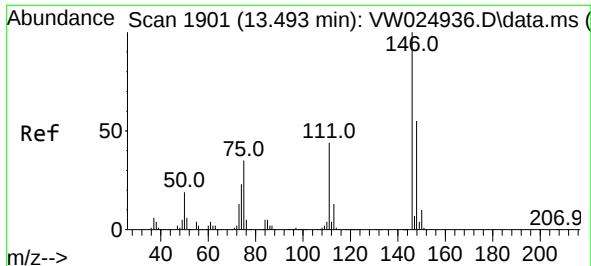
Tgt Ion:105 Resp: 758939

Ion Ratio Lower Upper

105 100

120 44.8 34.8 52.2

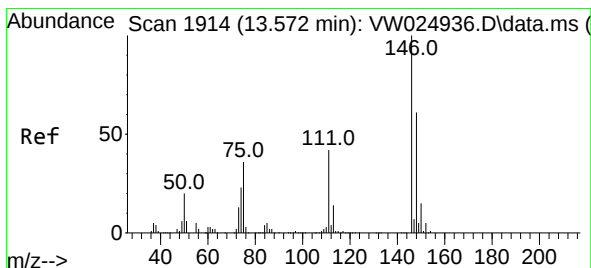
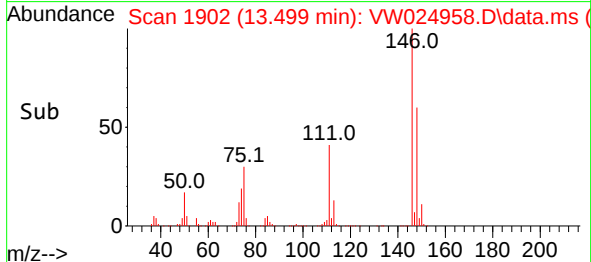
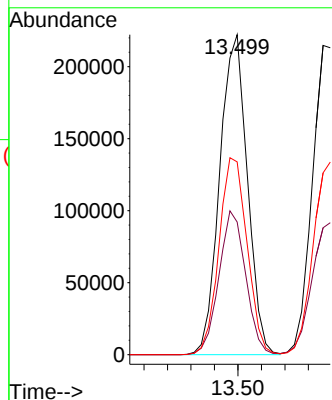
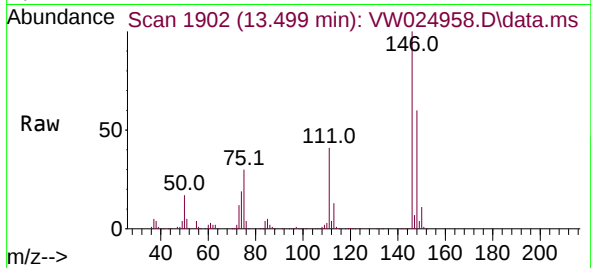




#64
1,3-Dichlorobenzene
Concen: 25.452 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

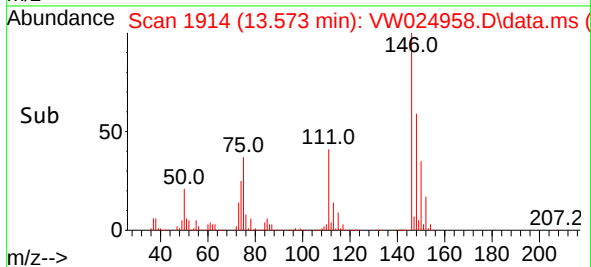
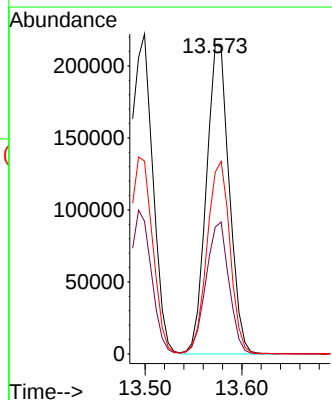
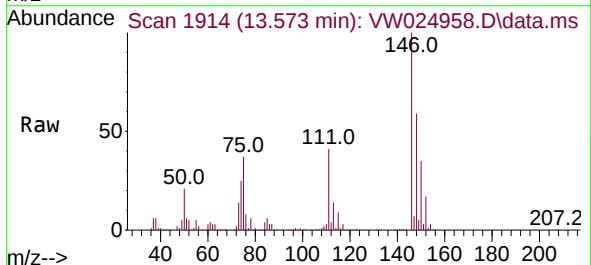
Instrument :
MSVOA_W
ClientSampleId :

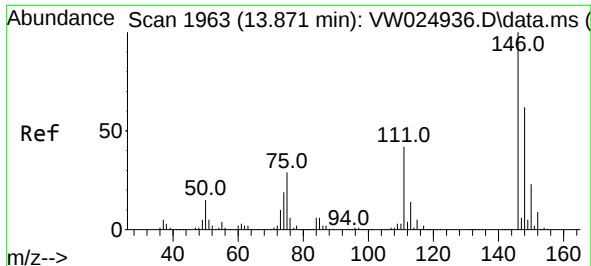
Tgt Ion:146 Resp: 363061
Ion Ratio Lower Upper
146 100
111 41.4 31.7 58.9
148 60.3 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 24.509 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024958.D
Acq: 20 Oct 2022 08:37

Tgt Ion:146 Resp: 353879
Ion Ratio Lower Upper
146 100
111 41.0 27.4 50.8
148 58.8 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 24.279 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :

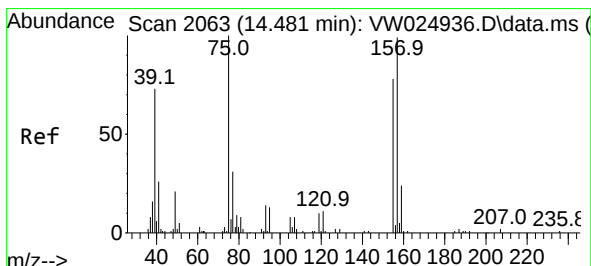
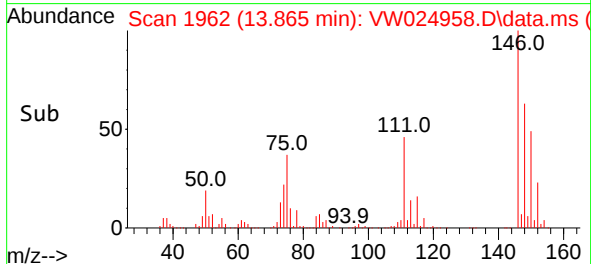
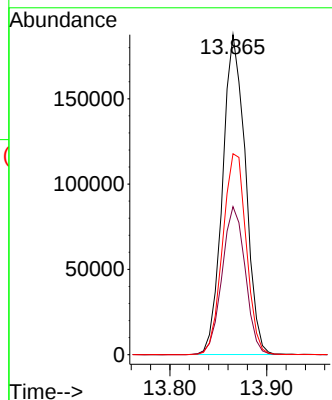
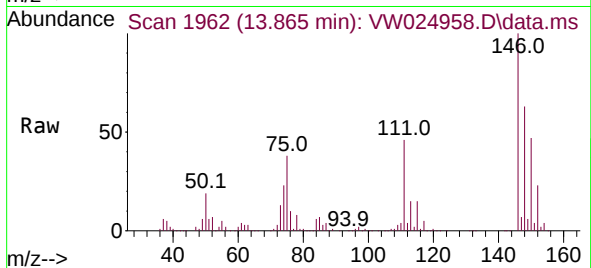
Tgt Ion:146 Resp: 307828

Ion Ratio Lower Upper

146 100

111 46.3 36.9 55.3

148 62.8 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 20.027 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

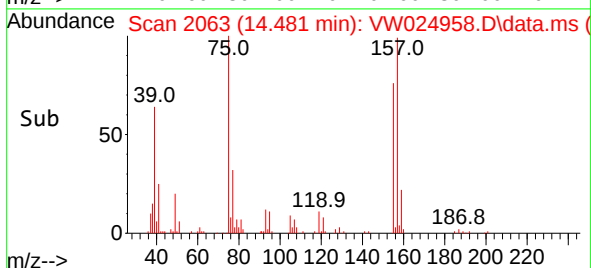
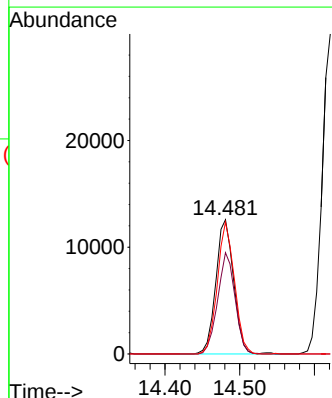
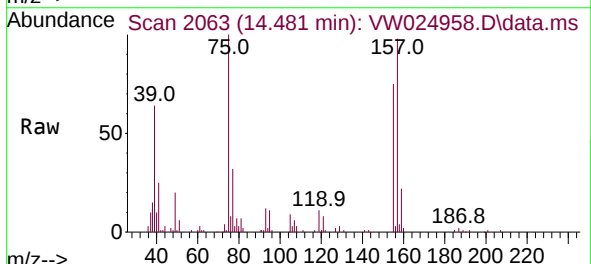
Tgt Ion: 75 Resp: 20783

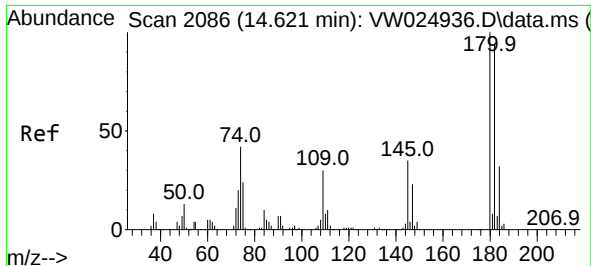
Ion Ratio Lower Upper

75 100

155 75.4 56.2 84.4

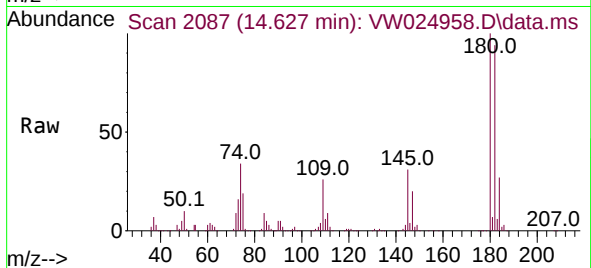
157 98.3 74.6 111.8



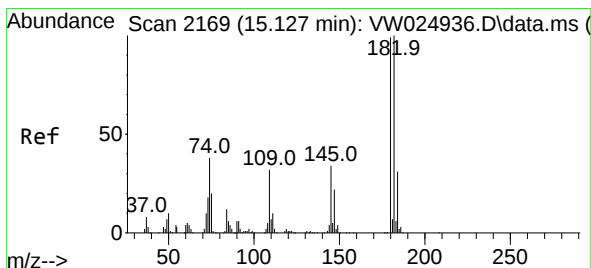
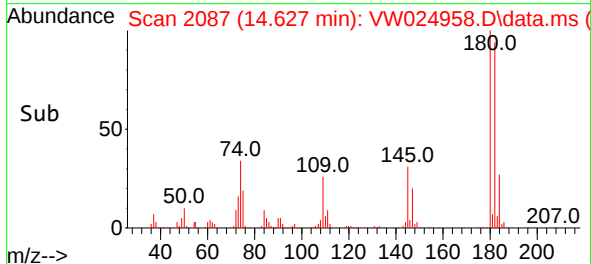
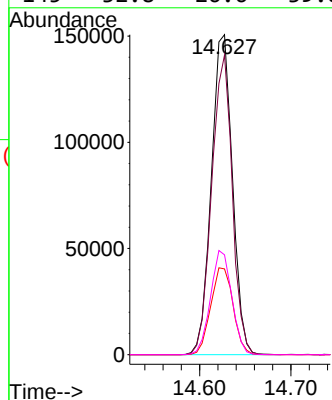


#69
 1,3,5-Trichlorobenzene
 Concen: 25.949 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW024958.D
 Acq: 20 Oct 2022 08:37

Instrument :
 MSVOA_W
 ClientSampleId :

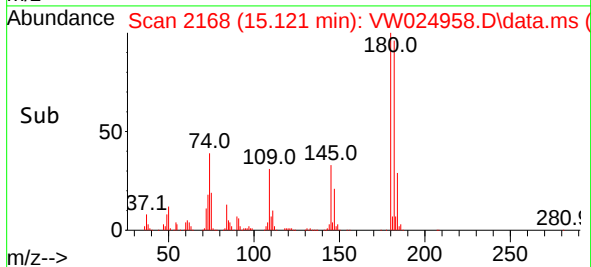
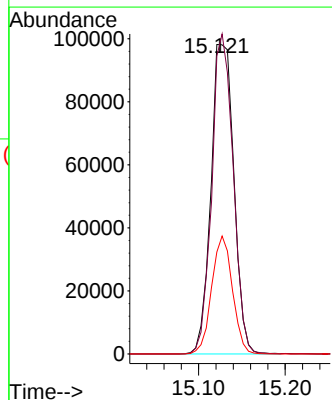
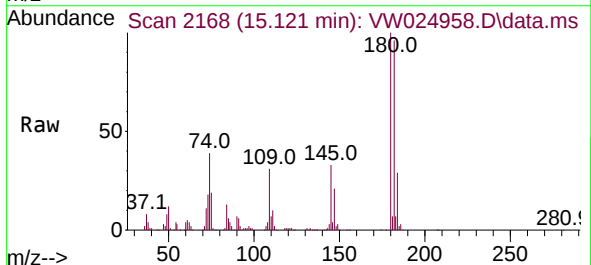


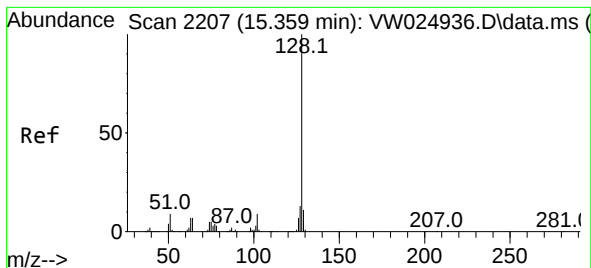
Tgt Ion:180 Resp: 241666
 Ion Ratio Lower Upper
 180 100
 182 91.1 75.0 112.6
 184 28.7 22.9 34.3
 145 32.8 26.6 39.8



#70
 1,2,4-trichlorobenzene
 Concen: 23.995 ug/L
 RT: 15.121 min Scan# 2168
 Delta R.T. -0.006 min
 Lab File: VW024958.D
 Acq: 20 Oct 2022 08:37

Tgt Ion:180 Resp: 181312
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.7 116.5
 145 34.3 29.0 43.4





#71

Naphthalene

Concen: 21.745 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :

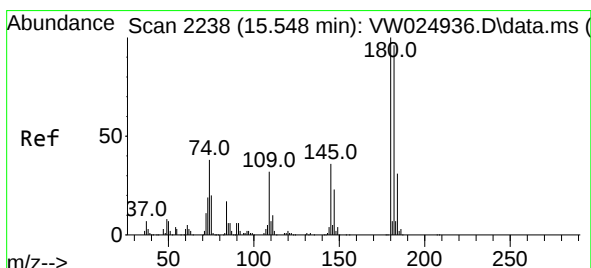
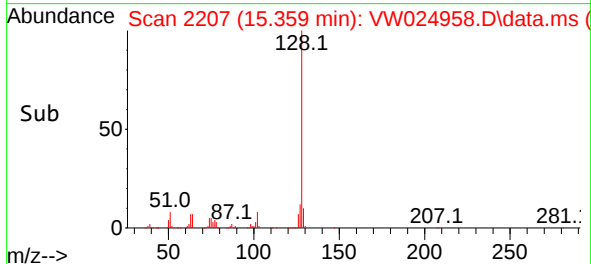
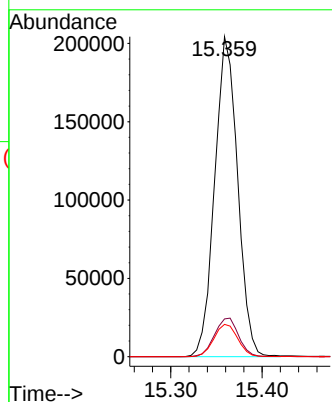
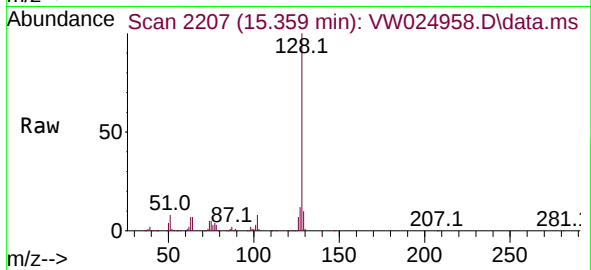
Tgt Ion:128 Resp: 356025

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.6 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 23.640 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024958.D

Acq: 20 Oct 2022 08:37

Tgt Ion:180 Resp: 152469

Ion Ratio Lower Upper

180 100

182 91.1 75.1 112.7

145 36.5 29.9 44.9

