

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102022\
 Data File : VW024961.D
 Acq On : 20 Oct 2022 12:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 20 21:15:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 20 21:14:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	476440	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	427163	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	213124	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	108423	19.289	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.160%
7) Chloroethane-d5	2.885	69	67686	20.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.280%
11) 1,1-Dichloroethene-d2	4.019	63	272105	22.265	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.040%
21) 2-Butanone-d5	7.080	46	76492	42.949	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.900%
24) Chloroform-d	7.647	84	286284	21.304	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	8.305	65	145338	20.665	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.680%
32) Benzene-d6	8.274	84	575832	21.497	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	9.274	67	177496	21.604	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.400%
41) Toluene-d8	10.323	98	519535	21.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.440%
43) trans-1,3-Dichloroprop...	10.579	79	69390	22.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.080%
47) 2-Hexanone-d5	10.920	63	59774	43.395	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.800%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	134156	20.939	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	163578	21.003	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	40219	18.868	ug/L	96
3) Chloromethane	2.215	50	119566	24.084	ug/L	97
5) Vinyl chloride	2.361	62	179652	26.524	ug/L	100
6) Bromomethane	2.782	94	79380	24.130	ug/L	89
8) Chloroethane	2.922	64	73213	25.942	ug/L	98
9) Trichlorofluoromethane	3.257	101	102204	30.505	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	173723	25.467	ug/L	97
12) 1,1-Dichloroethene	4.044	96	167194	25.902	ug/L	85
13) Acetone	4.123	43	71600	57.451	ug/L	97
14) Carbon disulfide	4.385	76	536891	25.465	ug/L	99
15) Methyl Acetate	4.671	43	69484	22.909	ug/L	100
16) Methylene chloride	4.915	84	184235	21.901	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	182609	25.990	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	257905	24.701	ug/L	99
19) 1,1-Dichloroethane	6.214	63	327871	25.223	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	192375	25.334	ug/L	99
22) 2-Butanone	7.171	43	99459	47.838	ug/L	100
23) Bromochloromethane	7.512	128	77198	24.854	ug/L	96
25) Chloroform	7.677	83	320294	25.103	ug/L	98

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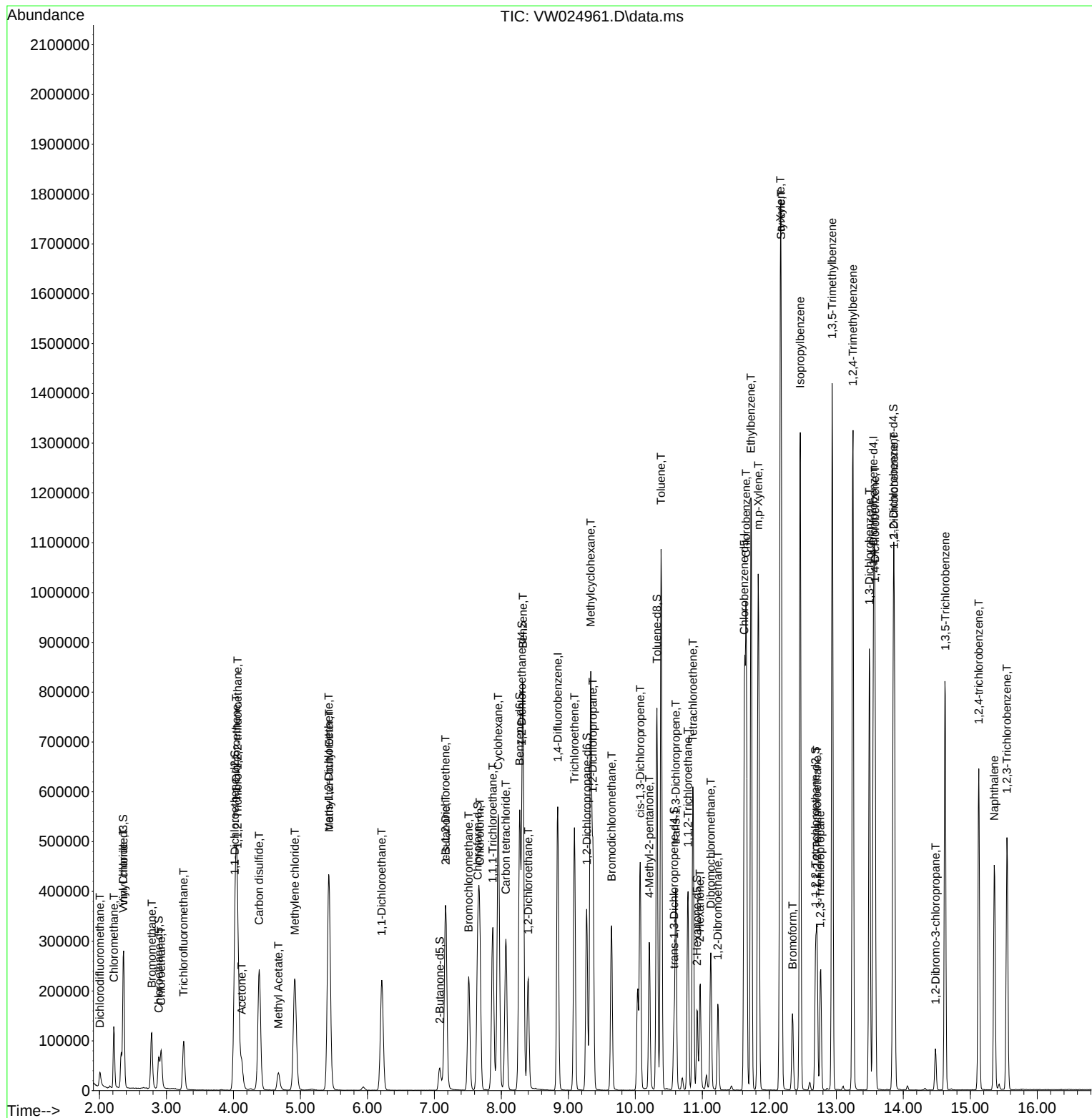
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	199690	24.203	ug/L	100
29) Cyclohexane	7.951	56	329347	26.548	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	262088	26.679	ug/L	99
31) Carbon tetrachloride	8.067	117	232161	26.916	ug/L	98
33) Benzene	8.323	78	747607	25.725	ug/L	100
34) Trichloroethene	9.091	95	189589	25.905	ug/L	97
35) Methylcyclohexane	9.335	83	352261	26.744	ug/L	99
37) 1,2-Dichloropropane	9.366	63	187694	25.916	ug/L	100
38) Bromodichloromethane	9.646	83	227395	25.412	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	276912	26.452	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	196924	46.004	ug/L	99
42) Toluene	10.384	91	779027	26.146	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	225654	25.963	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	126772	25.060	ug/L	97
46) Tetrachloroethene	10.859	164	134925	27.114	ug/L	91
48) 2-Hexanone	10.963	43	138933	47.869	ug/L	99
49) Dibromochloromethane	11.128	129	144748	25.847	ug/L	99
50) 1,2-Dibromoethane	11.231	107	117620	24.681	ug/L	93
51) Chlorobenzene	11.652	112	479212	25.590	ug/L	96
52) Ethylbenzene	11.725	91	866111	25.959	ug/L	97
53) m,p-Xylene	11.835	106	332667	26.243	ug/L	98
54) o-Xylene	12.164	106	315039	26.102	ug/L	97
55) Styrene	12.176	104	539135	26.044	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	145721	23.610	ug/L	96
59) Bromoform	12.347	173	69695	24.439	ug/L #	99
60) Isopropylbenzene	12.463	105	855822	24.894	ug/L	100
61) 1,2,3-Trichloropropane	12.762	75	106897	22.811	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	738961	25.036	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	729888	25.647	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	357164	25.510	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	345391	24.371	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	306075	24.595	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	22615	22.202	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	230975	25.267	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	192423	25.944	ug/L	91
71) Naphthalene	15.359	128	386275	24.037	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	157133	24.821	ug/L	98

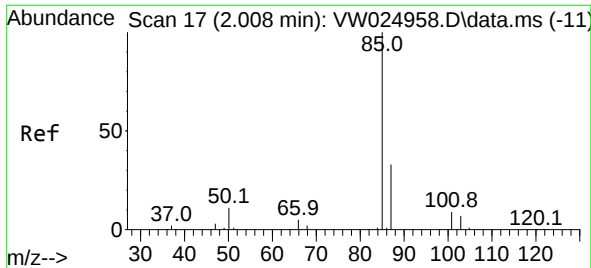
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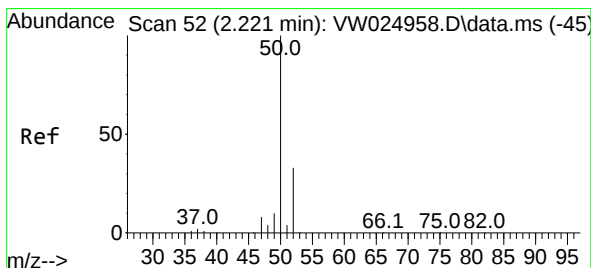
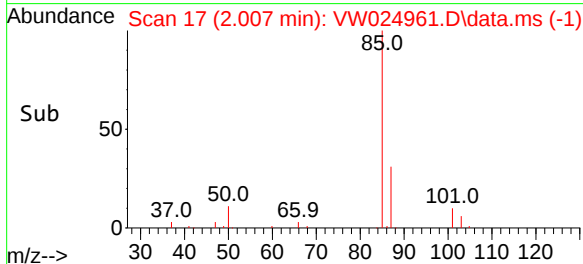
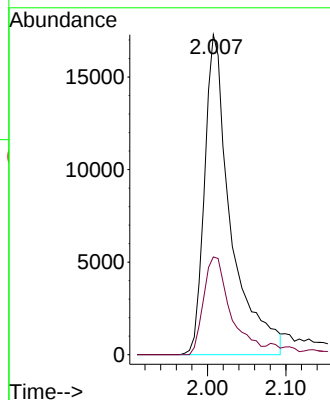
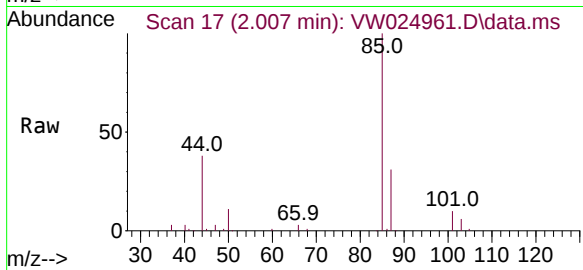




#2
 Dichlorodifluoromethane
 Concen: 18.868 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024961.D
 Acq: 20 Oct 2022 12:26

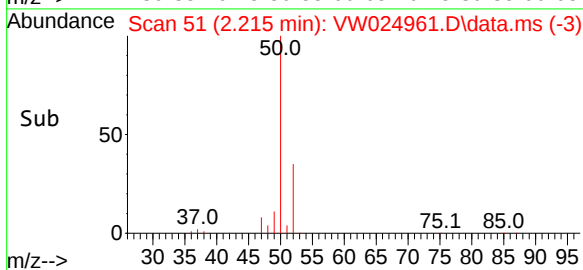
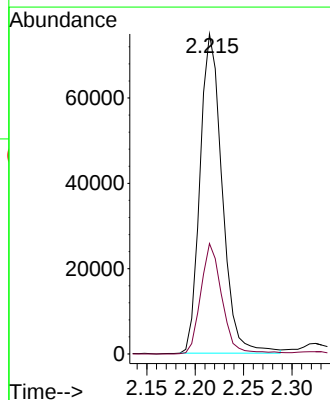
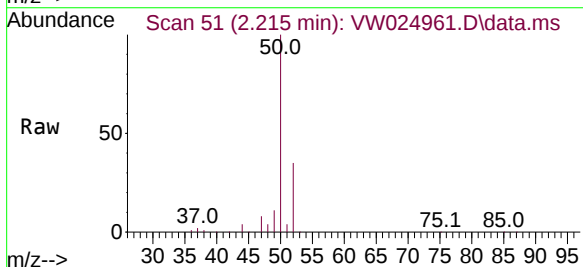
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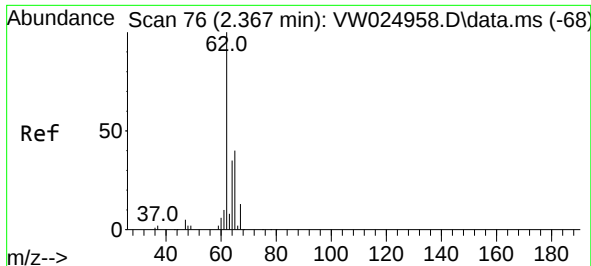
Tgt Ion: 85 Resp: 40219
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.8 40.2



#3
 Chloromethane
 Concen: 24.084 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW024961.D
 Acq: 20 Oct 2022 12:26

Tgt Ion: 50 Resp: 119566
 Ion Ratio Lower Upper
 50 100
 52 34.5 23.1 42.9

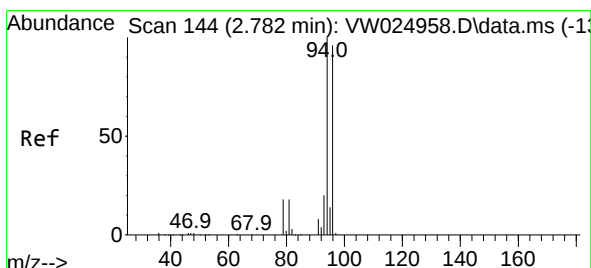
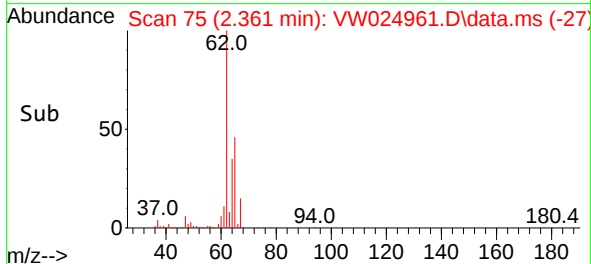
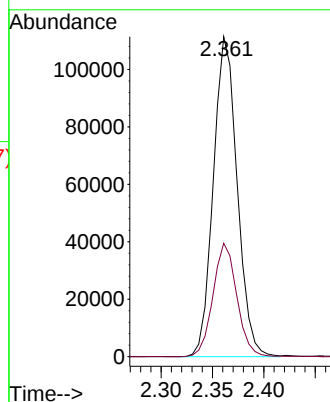
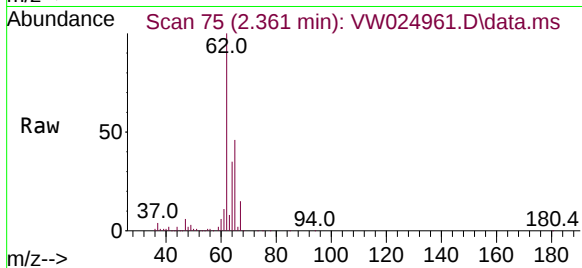




#5
 Vinyl chloride
 Concen: 26.524 ug/L
 RT: 2.361 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW024961.D
 Acq: 20 Oct 2022 12:26

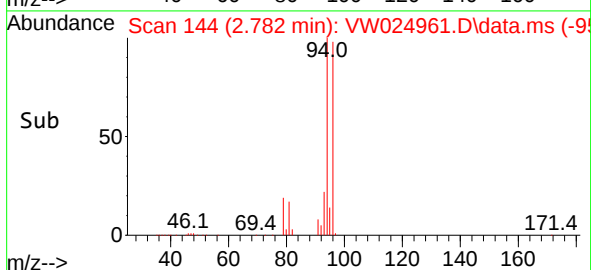
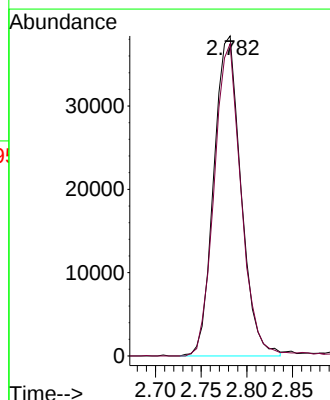
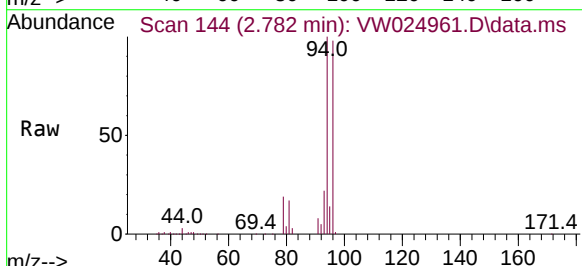
Instrument :
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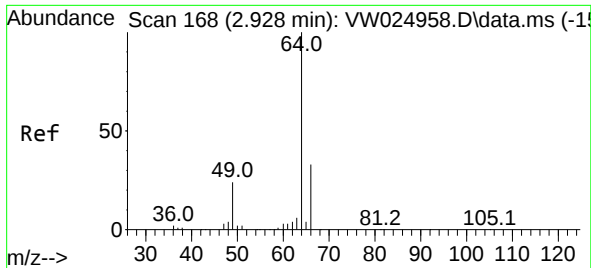
Tgt Ion: 62 Resp: 179652
 Ion Ratio Lower Upper
 62 100
 64 35.4 24.7 45.9



#6
 Bromomethane
 Concen: 24.130 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW024961.D
 Acq: 20 Oct 2022 12:26

Tgt Ion: 94 Resp: 79380
 Ion Ratio Lower Upper
 94 100
 96 97.5 61.4 114.0

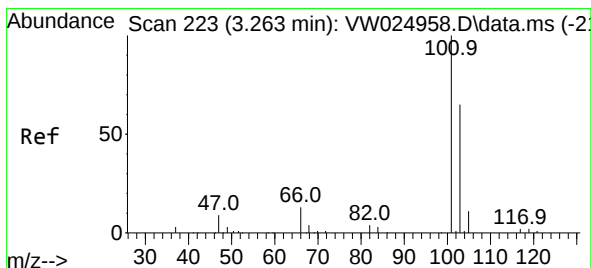
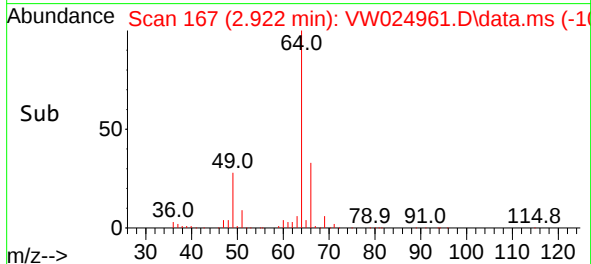
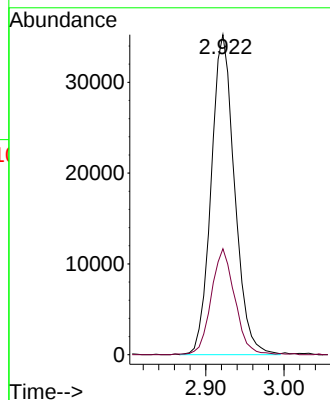
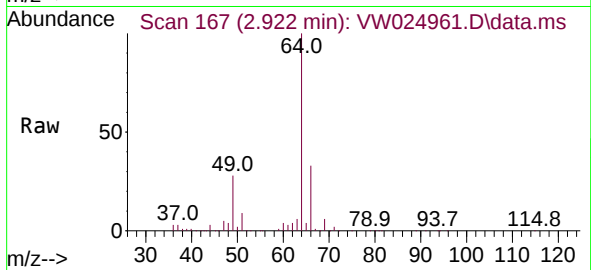




#8
Chloroethane
Concen: 25.942 ug/L
RT: 2.922 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

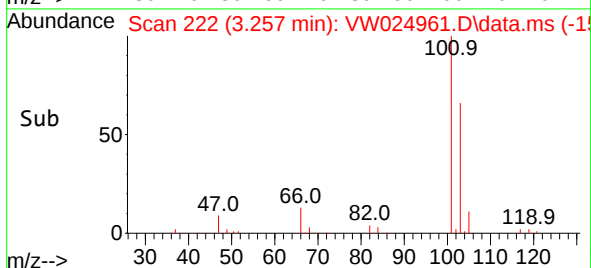
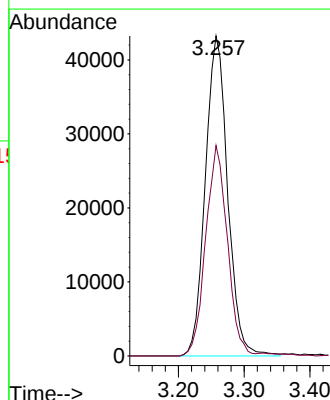
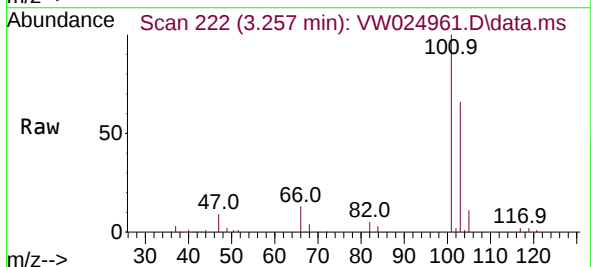
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ClientSampleId :

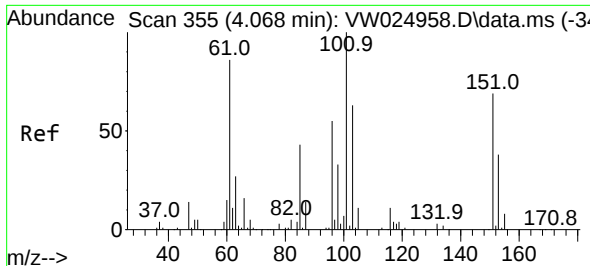
Tgt Ion: 64 Resp: 73213
Ion Ratio Lower Upper
64 100
66 33.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 30.505 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

Tgt Ion:101 Resp: 102204
Ion Ratio Lower Upper
101 100
103 63.9 52.9 79.3

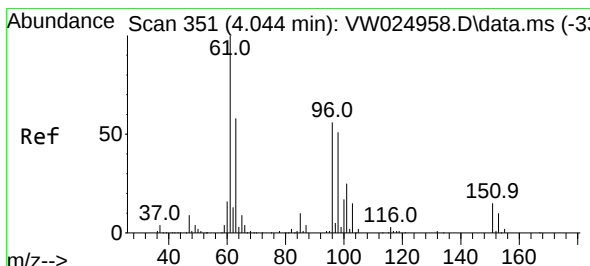
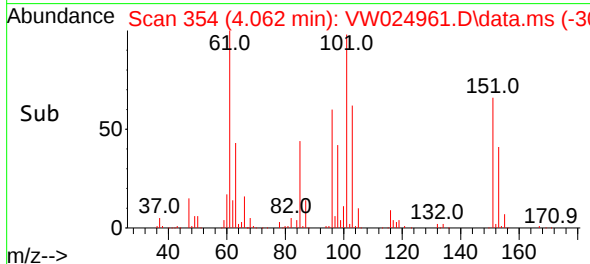
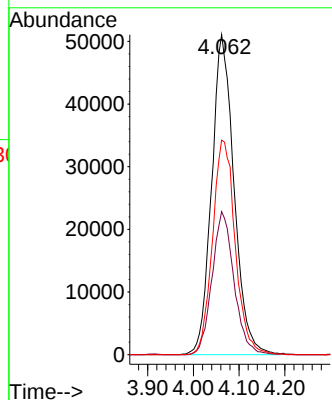
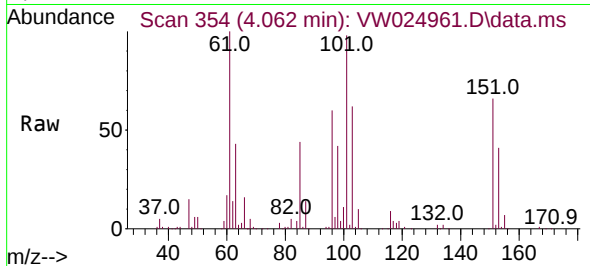




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.467 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW024961.D
 Acq: 20 Oct 2022 12:26

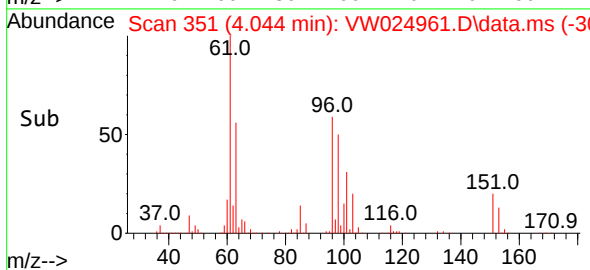
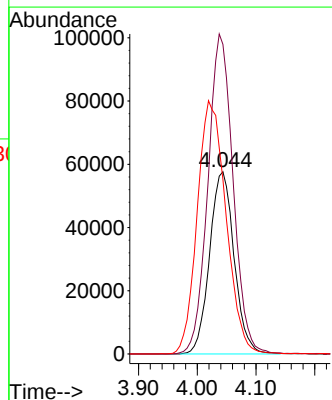
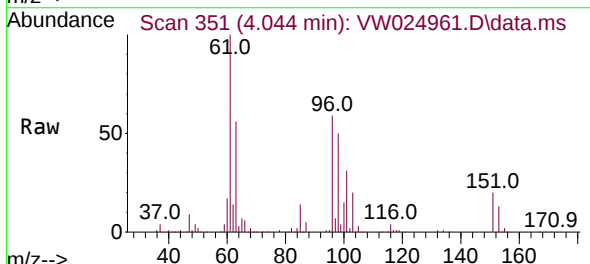
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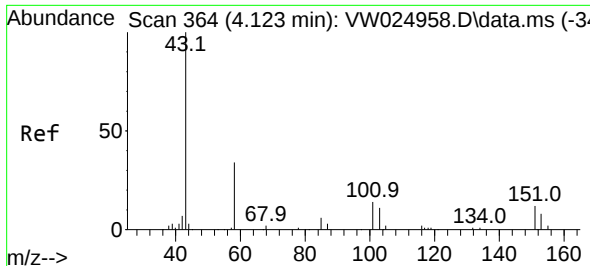
Tgt Ion:101 Resp: 173723
 Ion Ratio Lower Upper
 101 100
 85 43.8 33.6 50.4
 151 68.0 52.0 78.0



#12
 1,1-Dichloroethene
 Concen: 25.902 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW024961.D
 Acq: 20 Oct 2022 12:26

Tgt Ion: 96 Resp: 167194
 Ion Ratio Lower Upper
 96 100
 61 169.9 122.4 227.2
 63 95.8 92.1 171.1

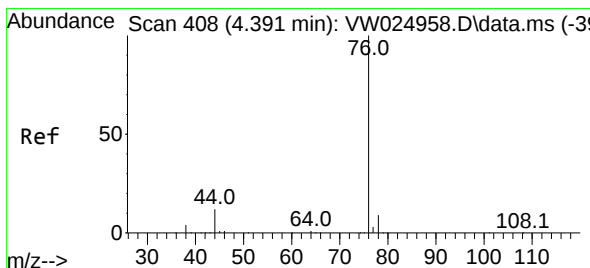
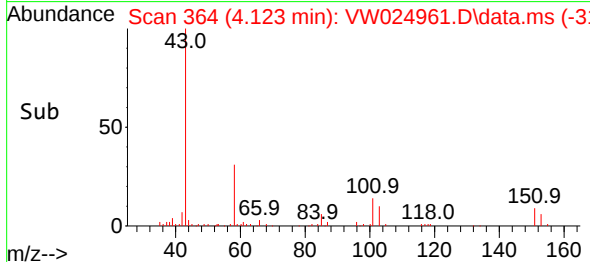
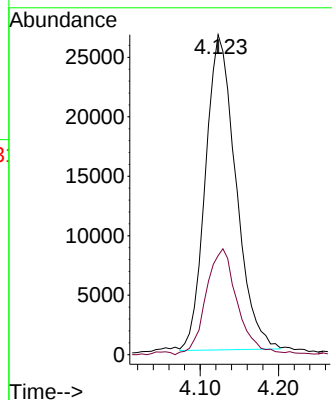
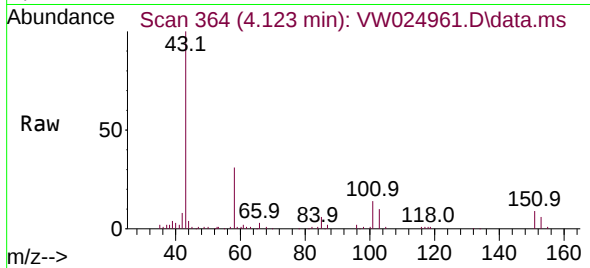




#13
Acetone
Concen: 57.451 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
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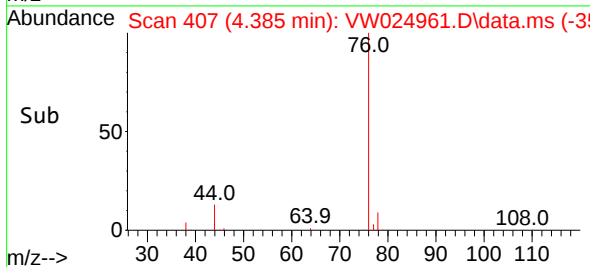
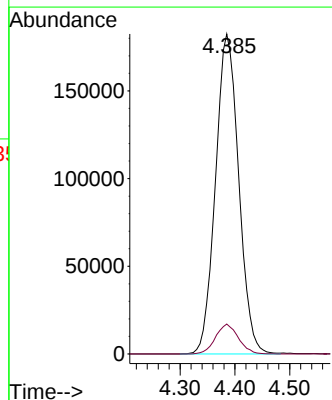
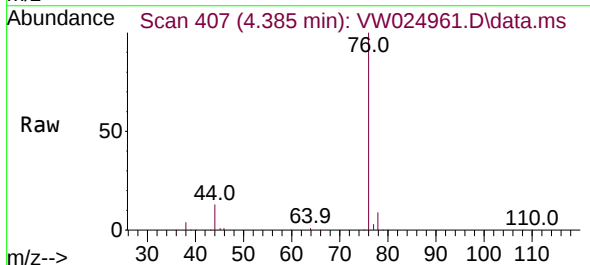
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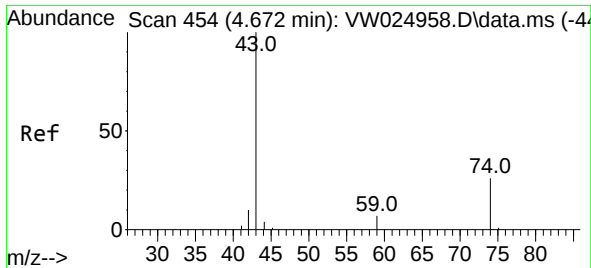
Tgt Ion: 43 Resp: 71600
Ion Ratio Lower Upper
43 100
58 34.0 0.0 64.2



#14
Carbon disulfide
Concen: 25.465 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

Tgt Ion: 76 Resp: 536891
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

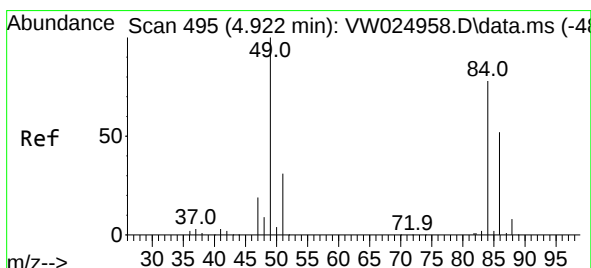
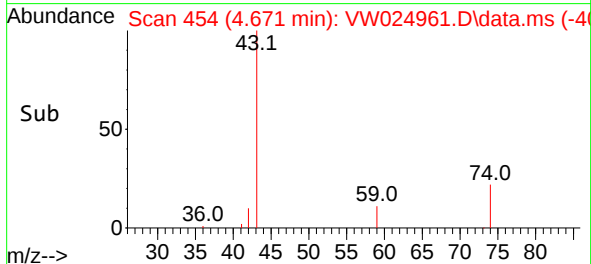
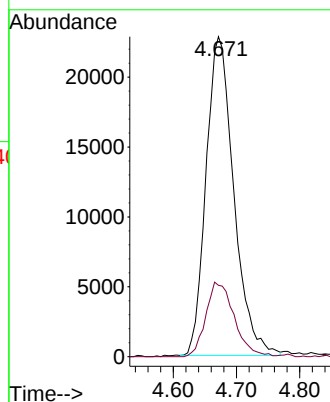
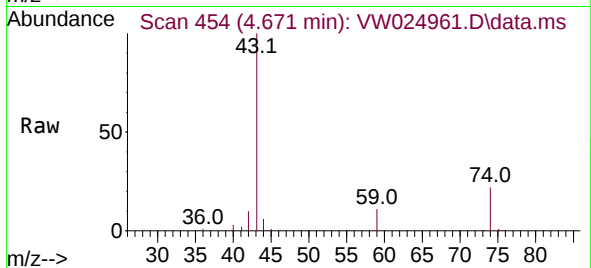




#15
Methyl Acetate
Concen: 22.909 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

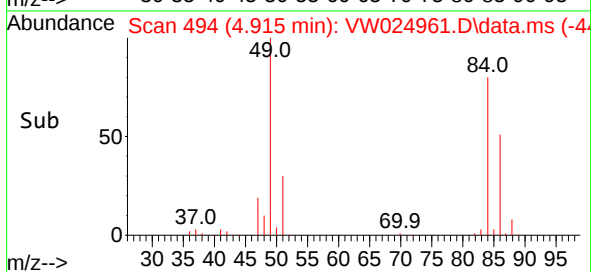
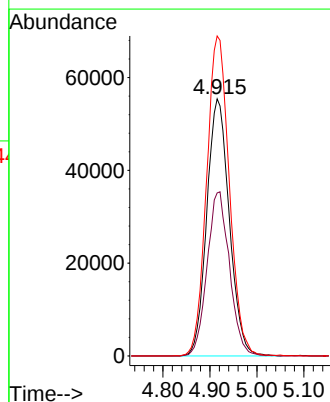
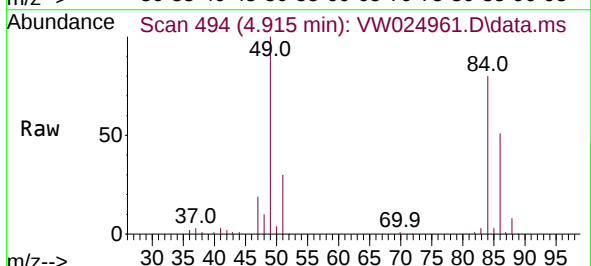
Instrument :
MSVOA_W
ClientSampleId :

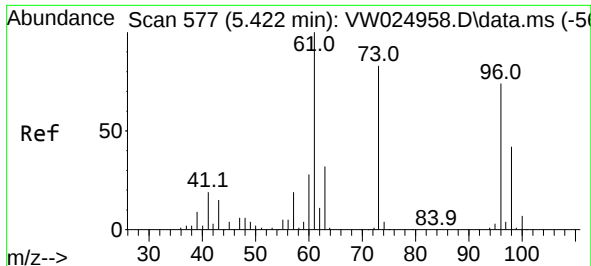
Tgt Ion: 43 Resp: 69484
Ion Ratio Lower Upper
43 100
74 23.7 19.0 28.6



#16
Methylene chloride
Concen: 21.901 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

Tgt Ion: 84 Resp: 184235
Ion Ratio Lower Upper
84 100
86 63.4 45.5 84.5
49 124.4 90.9 168.9

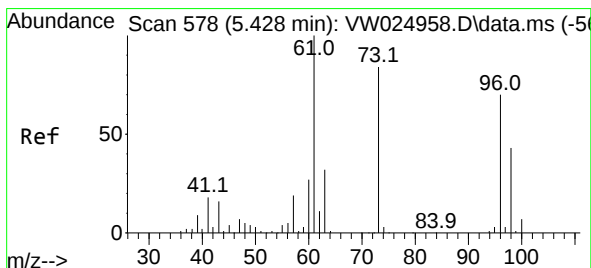
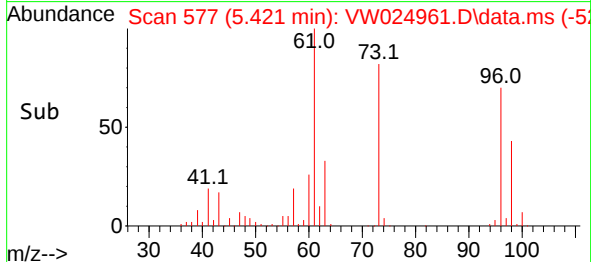
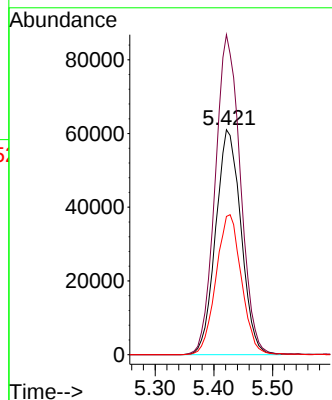
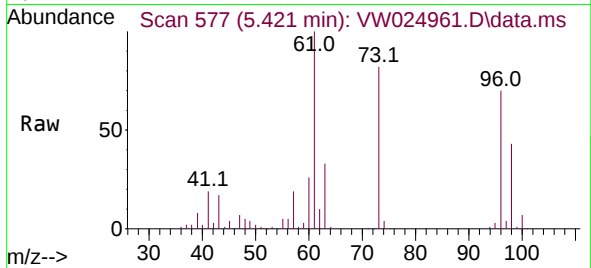




#17
trans-1,2-Dichloroethene
Concen: 25.990 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

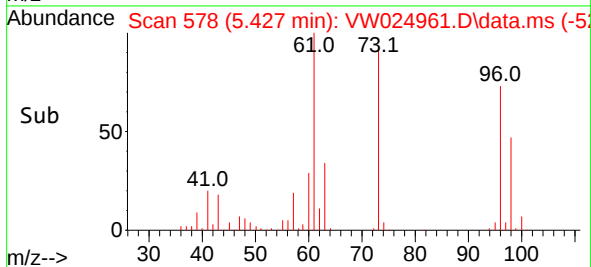
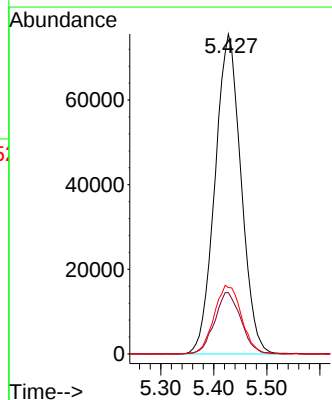
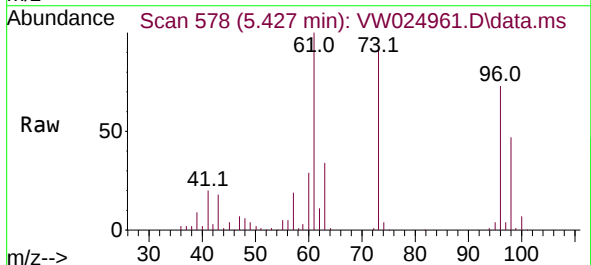
Instrument :
MSVOA_W
ClientSampleId :

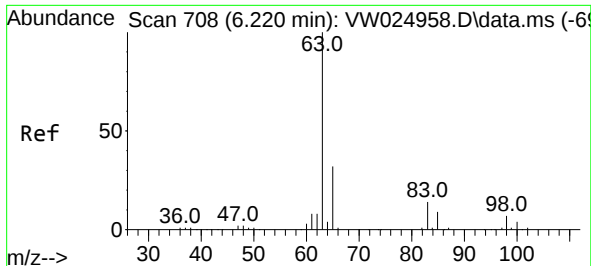
Tgt Ion: 96 Resp: 182609
Ion Ratio Lower Upper
96 100
61 142.3 102.2 189.8
98 61.5 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 24.701 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

Tgt Ion: 73 Resp: 257905
Ion Ratio Lower Upper
73 100
43 19.4 15.8 23.6
57 22.4 18.2 27.4





#19

1,1-Dichloroethane

Concen: 25.223 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

Instrument :

MSVOA_W

ClientSampleId :

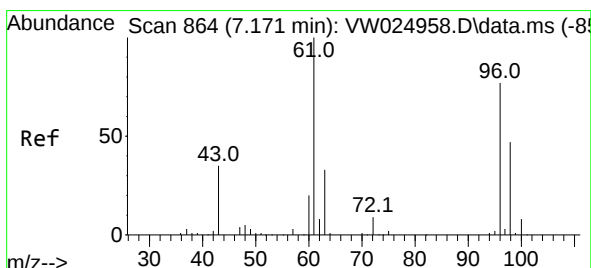
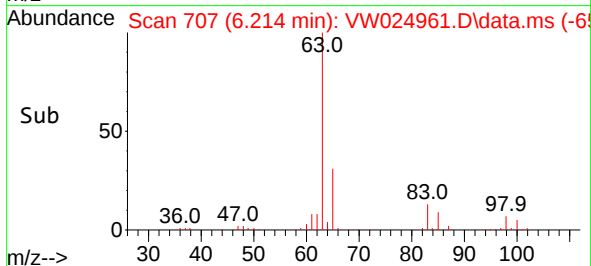
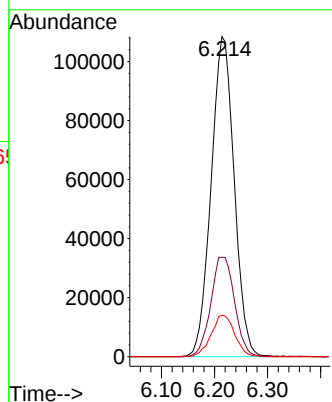
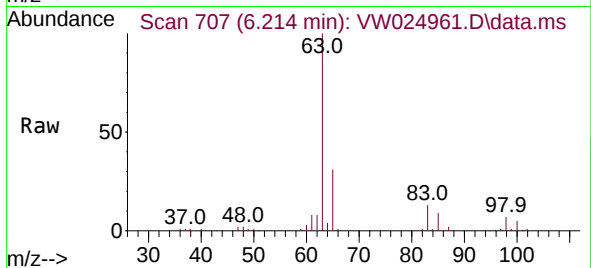
Tgt Ion: 63 Resp: 327871

Ion Ratio Lower Upper

63 100

65 31.0 22.4 41.6

83 13.0 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 25.334 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

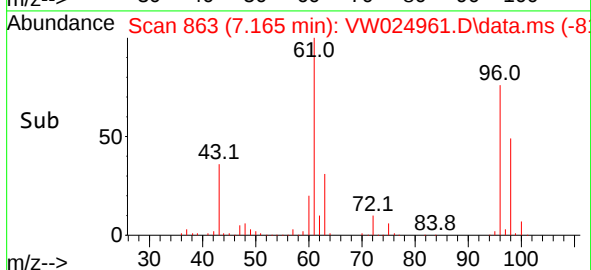
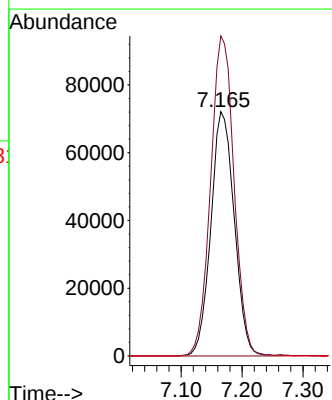
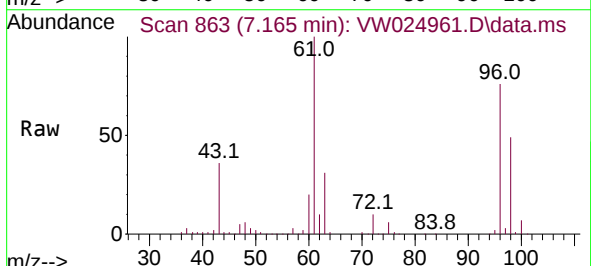
Tgt Ion: 96 Resp: 192375

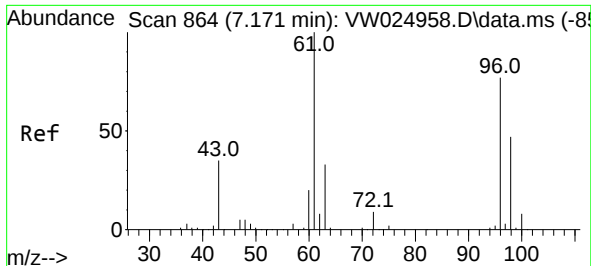
Ion Ratio Lower Upper

96 100

61 131.0 90.9 168.7

68 0.0 0.0 0.0

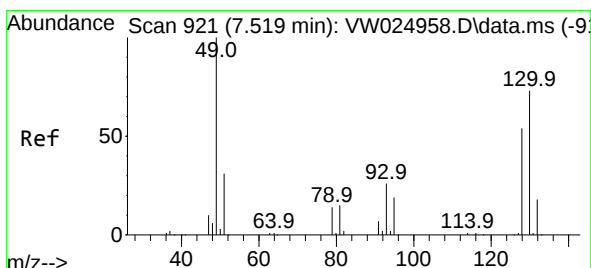
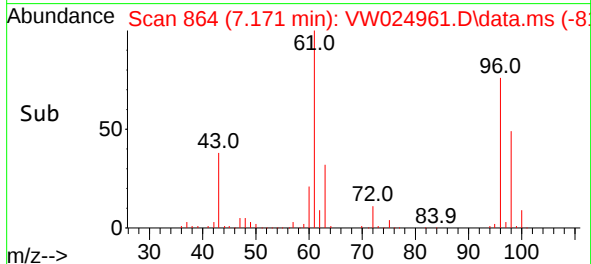
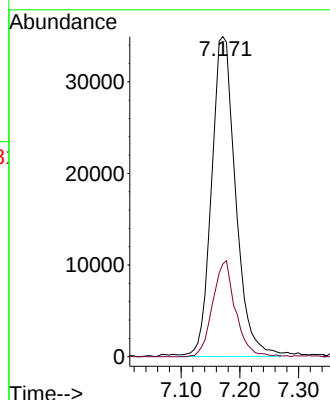
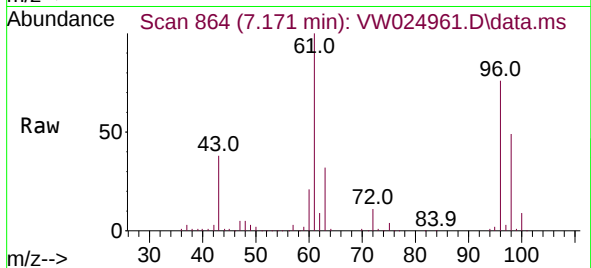




#22
2-Butanone
Concen: 47.838 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

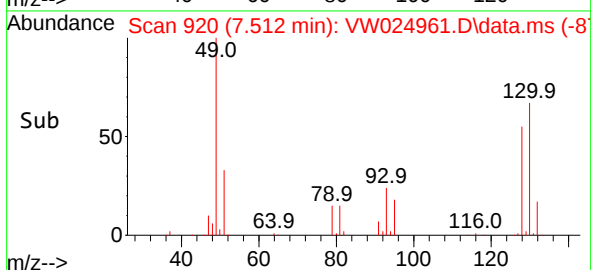
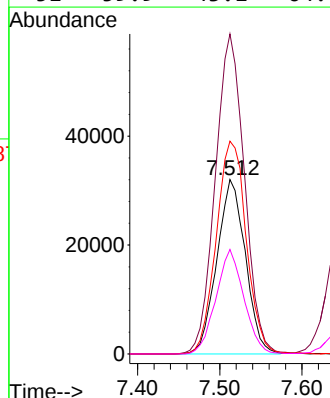
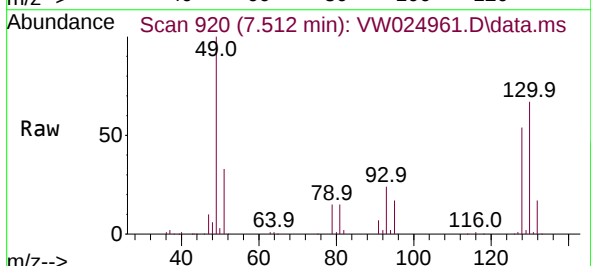
Instrument :
MSVOA_W
ClientSampleId :

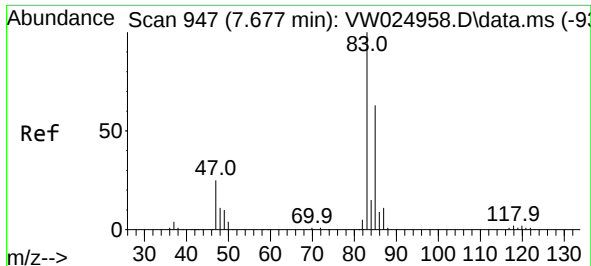
Tgt Ion: 43 Resp: 99459
Ion Ratio Lower Upper
43 100
72 28.3 14.1 42.3



#23
Bromochloromethane
Concen: 24.854 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

Tgt Ion:128 Resp: 77198
Ion Ratio Lower Upper
128 100
49 183.6 122.7 227.9
130 122.1 86.0 159.8
51 59.9 43.1 64.7

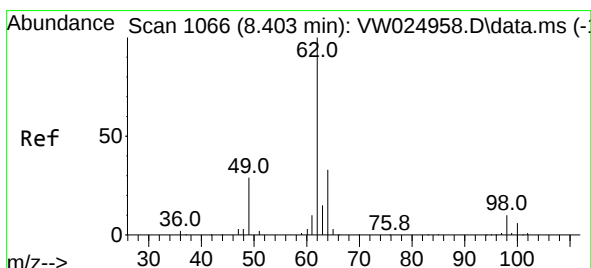
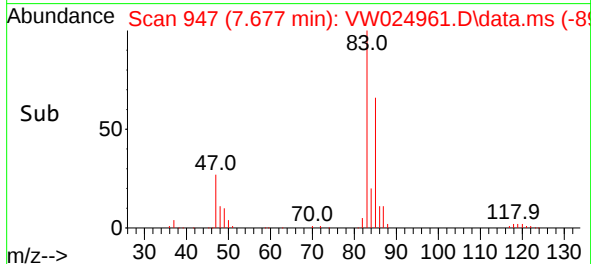
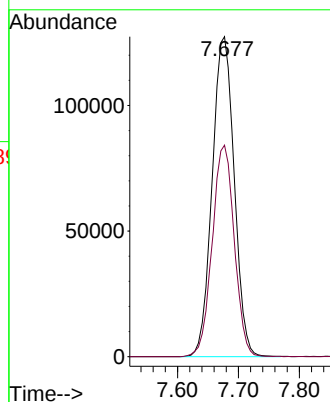
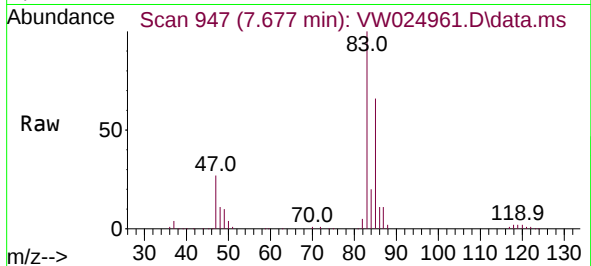




#25
Chloroform
Concen: 25.103 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

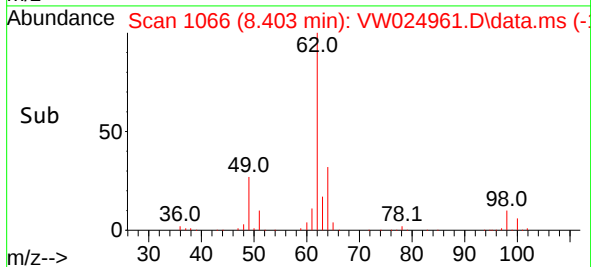
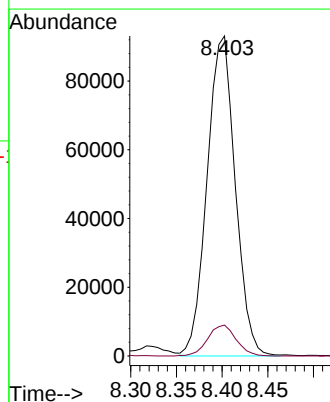
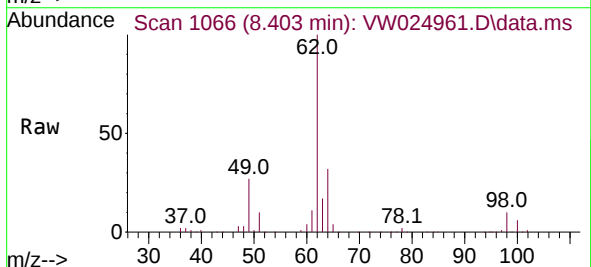
Instrument :
MSVOA_W
ClientSampleId :

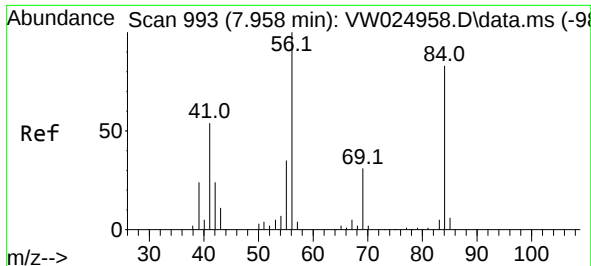
Tgt Ion: 83 Resp: 320294
Ion Ratio Lower Upper
83 100
85 66.1 45.3 84.1



#27
1,2-Dichloroethane
Concen: 24.203 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

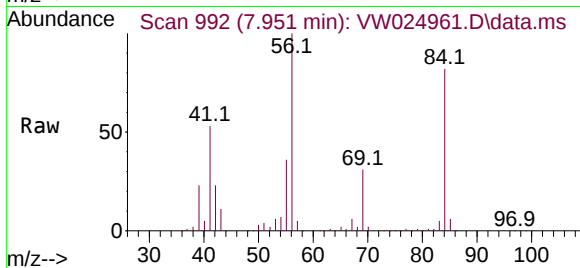
Tgt Ion: 62 Resp: 199690
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.6



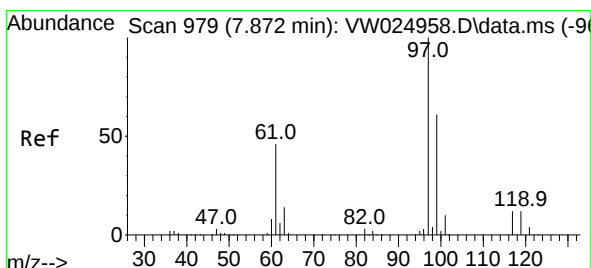
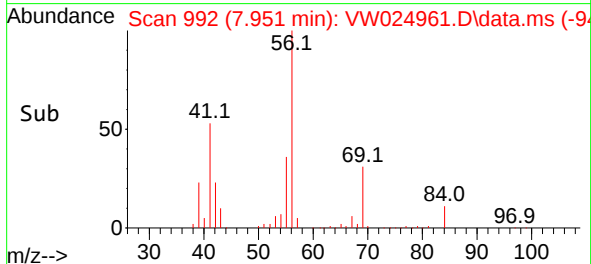
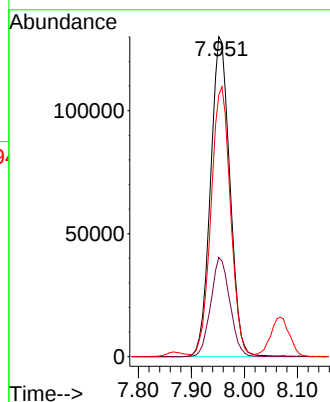


#29
Cyclohexane
Concen: 26.548 ug/L
RT: 7.951 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

Instrument :
MSVOA_W
ClientSampleId :

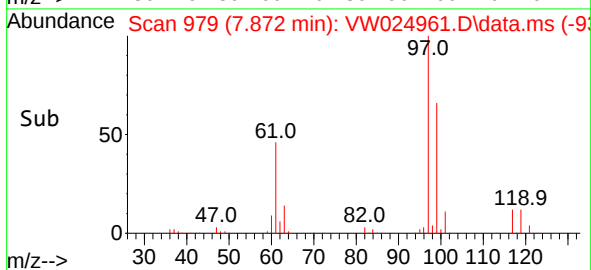
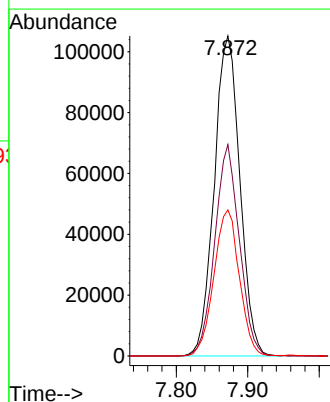
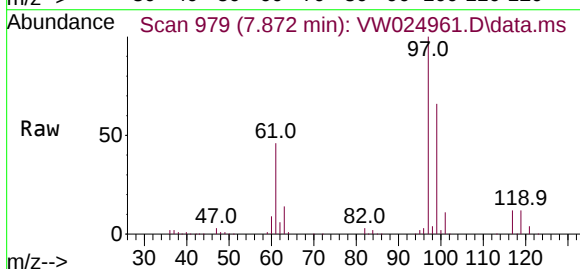


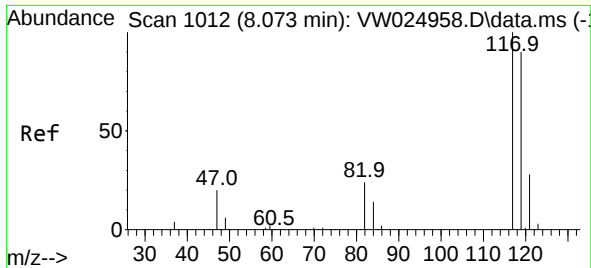
Tgt Ion: 56 Resp: 329347
Ion Ratio Lower Upper
56 100
69 30.7 24.2 36.2
84 85.1 67.7 101.5



#30
1,1,1-Trichloroethane
Concen: 26.679 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

Tgt Ion: 97 Resp: 262088
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 45.4 37.3 55.9

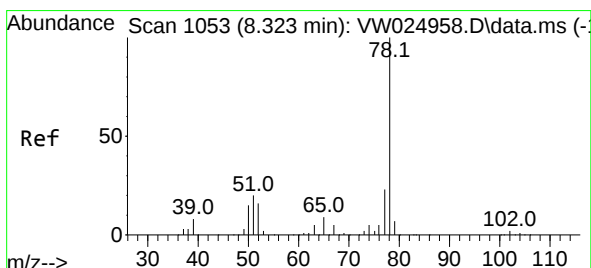
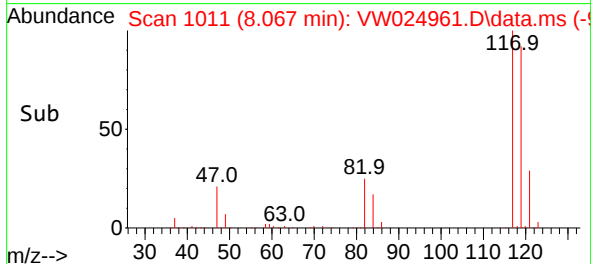
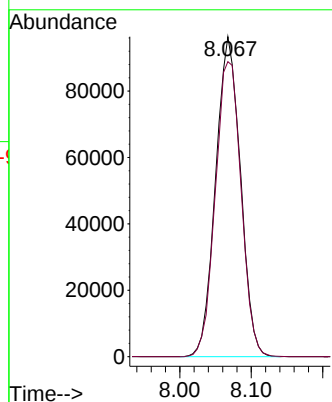
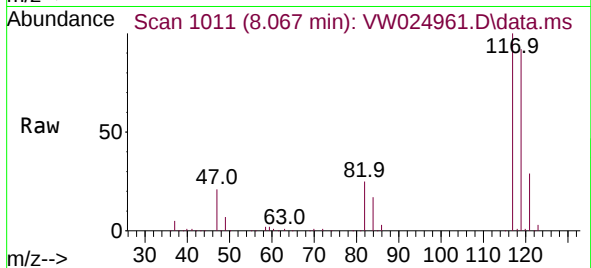




#31
Carbon tetrachloride
Concen: 26.916 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

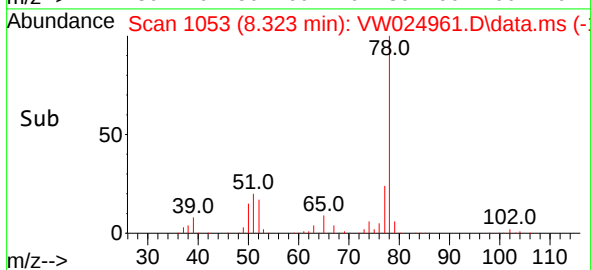
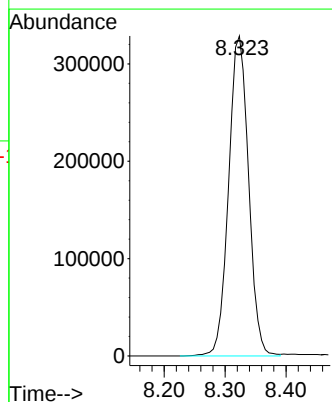
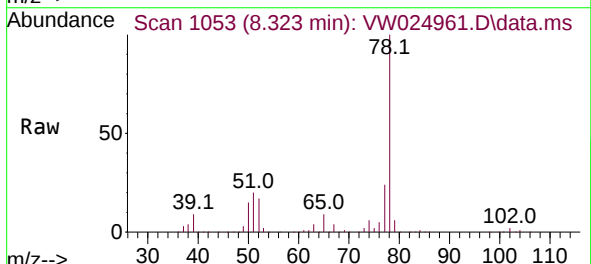
Instrument :
MSVOA_W
ClientSampleId :

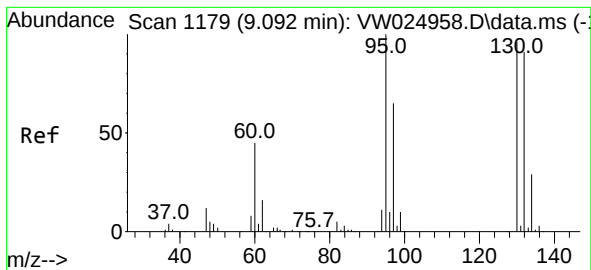
Tgt Ion:117 Resp: 232161
Ion Ratio Lower Upper
117 100
119 95.9 75.1 112.7



#33
Benzene
Concen: 25.725 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

Tgt Ion: 78 Resp: 747607





#34

Trichloroethene

Concen: 25.905 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 189589

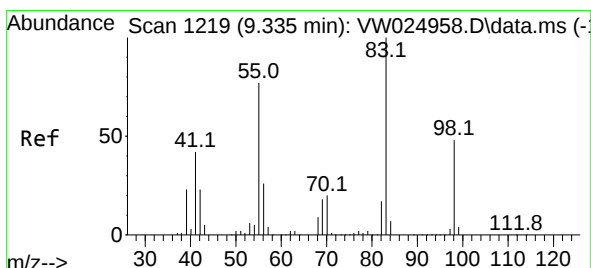
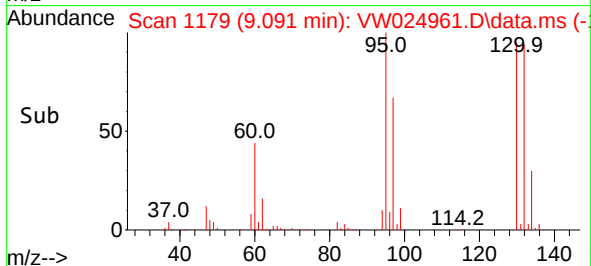
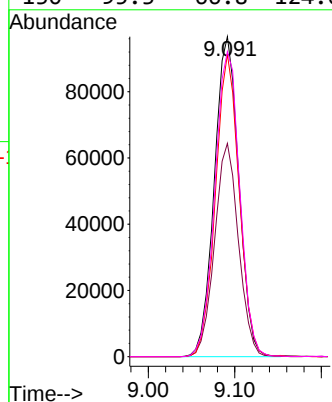
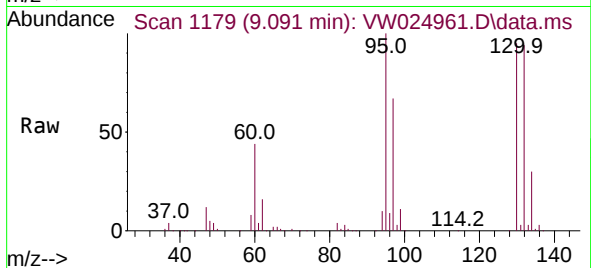
Ion Ratio Lower Upper

95 100

97 66.6 44.2 82.0

132 94.5 62.9 116.7

130 95.3 66.8 124.0



#35

Methylcyclohexane

Concen: 26.744 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

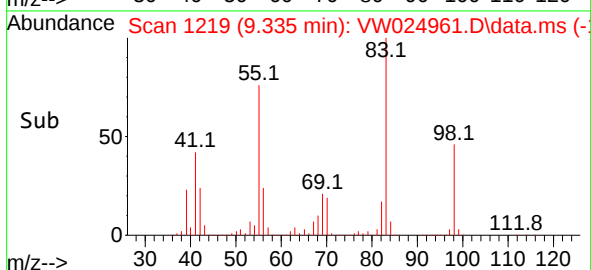
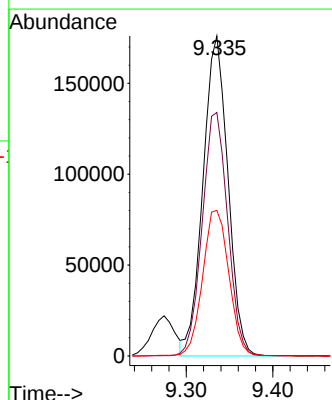
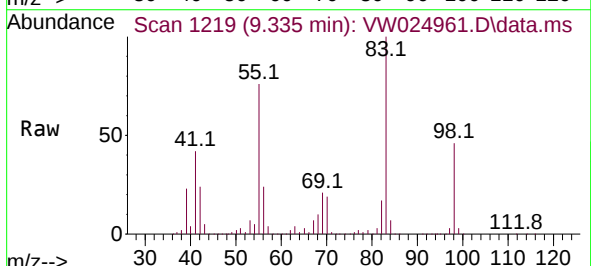
Tgt Ion: 83 Resp: 352261

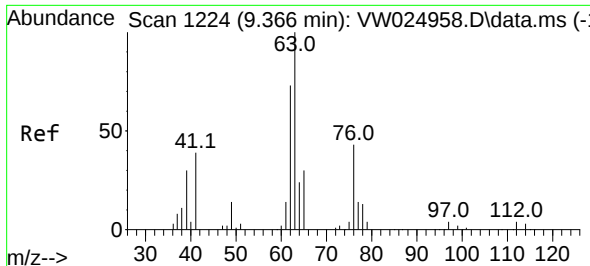
Ion Ratio Lower Upper

83 100

55 77.8 62.5 93.7

98 48.1 37.2 55.8





#37

1,2-Dichloropropane

Concen: 25.916 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

Instrument :

MSVOA_W

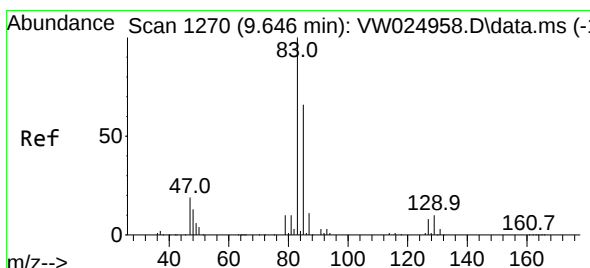
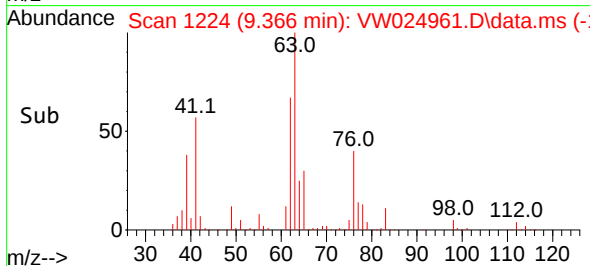
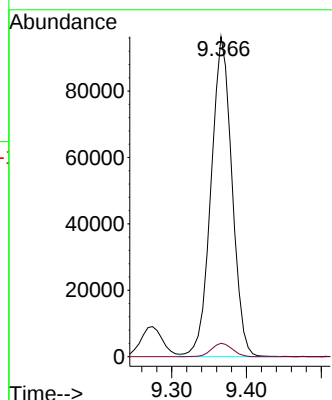
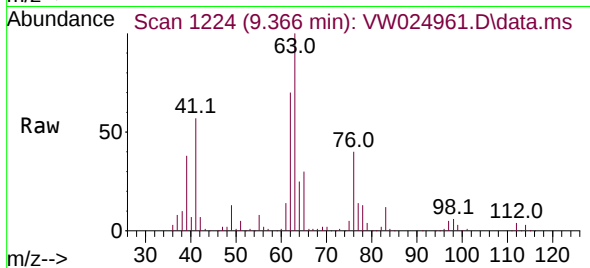
ClientSampleId :

Tgt Ion: 63 Resp: 187694

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 25.412 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

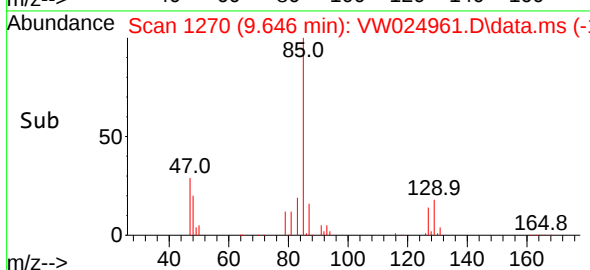
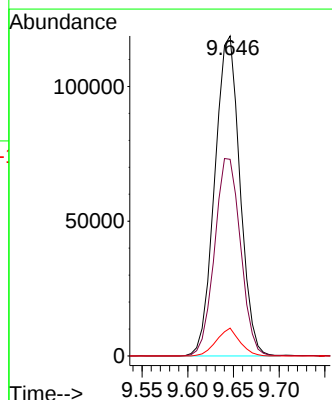
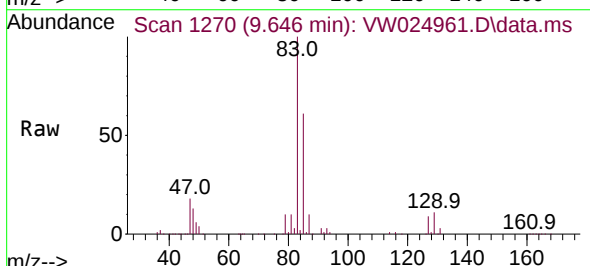
Tgt Ion: 83 Resp: 227395

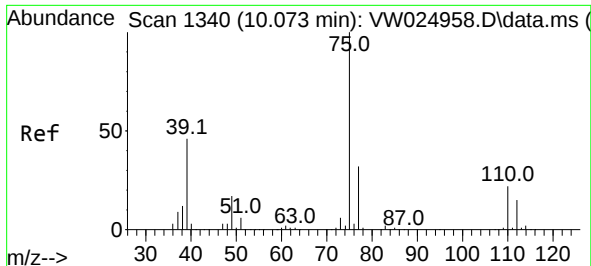
Ion Ratio Lower Upper

83 100

85 61.4 43.6 81.0

127 8.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 26.452 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

Instrument :

MSVOA_W

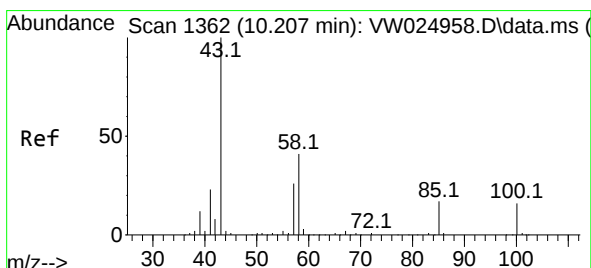
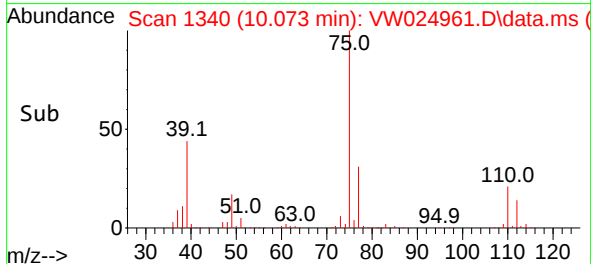
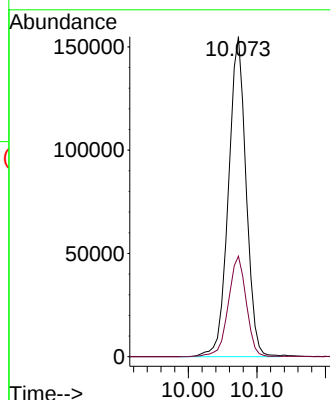
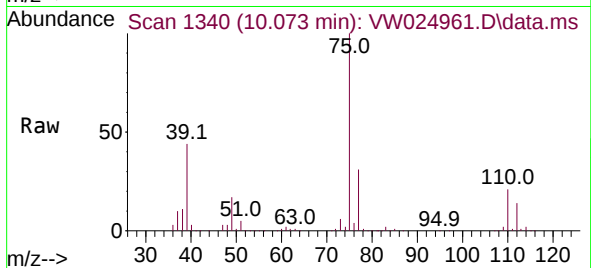
ClientSampleId :

Tgt Ion: 75 Resp: 276912

Ion Ratio Lower Upper

75 100

77 31.4 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 46.004 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

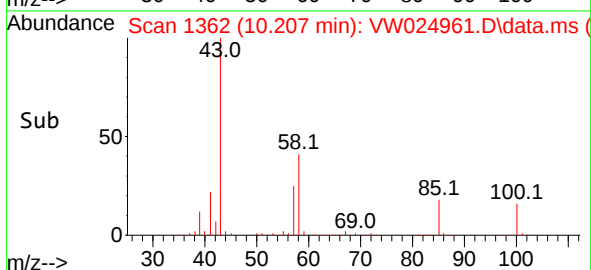
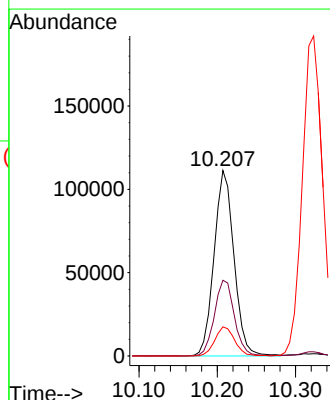
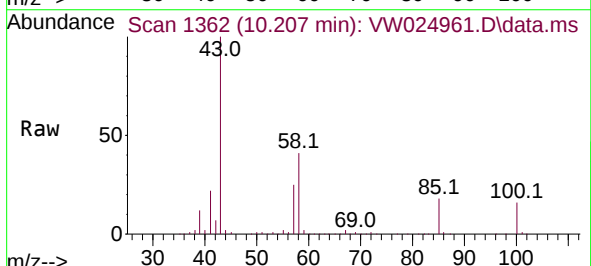
Tgt Ion: 43 Resp: 196924

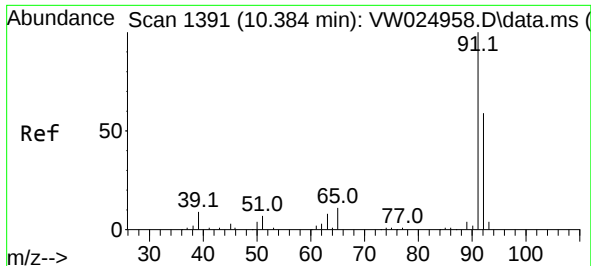
Ion Ratio Lower Upper

43 100

58 40.9 32.1 48.1

100 15.6 12.8 19.2

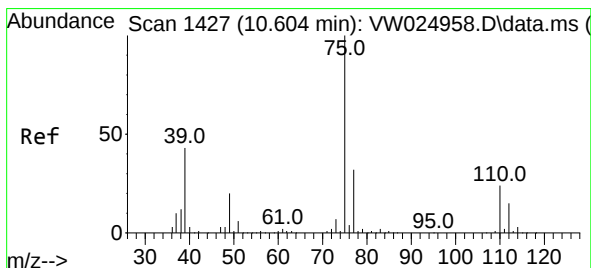
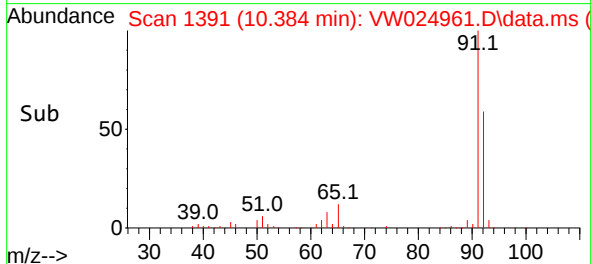
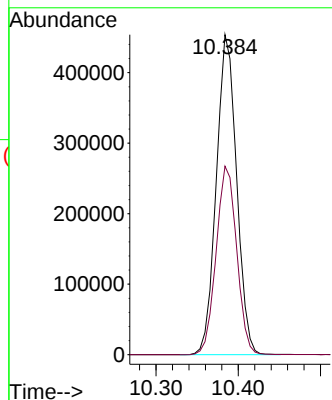
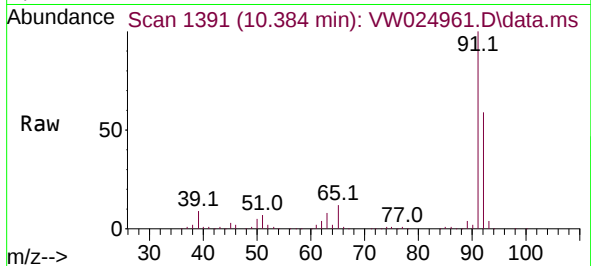




#42
Toluene
Concen: 26.146 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

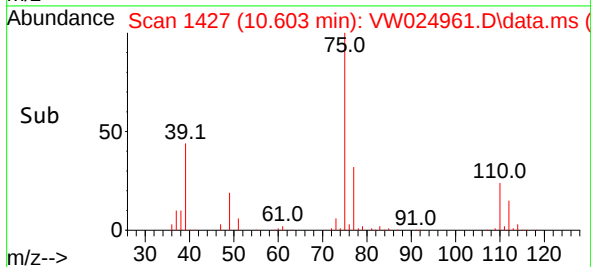
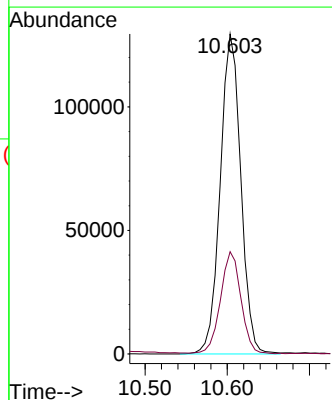
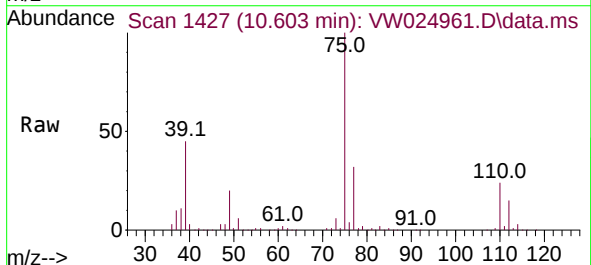
Instrument :
MSVOA_W
ClientSampleId :

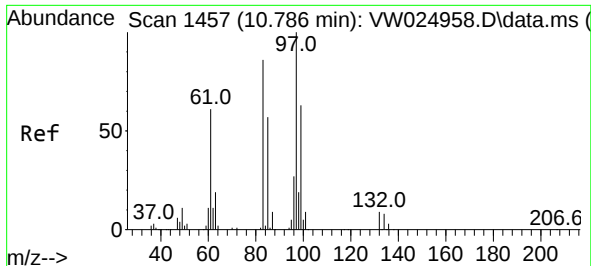
Tgt Ion: 91 Resp: 779027
Ion Ratio Lower Upper
91 100
92 58.9 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 25.963 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

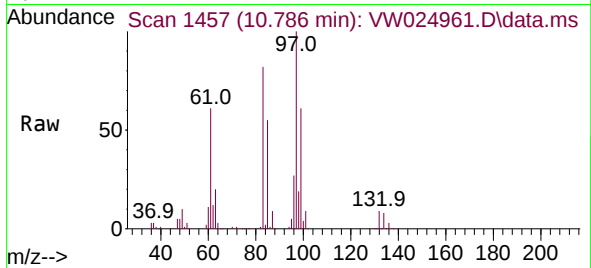
Tgt Ion: 75 Resp: 225654
Ion Ratio Lower Upper
75 100
77 32.0 23.0 42.6



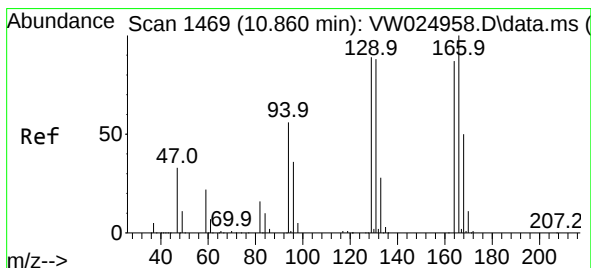
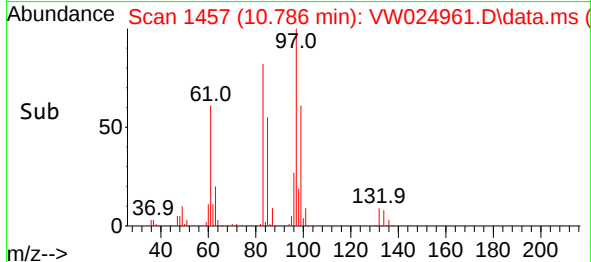
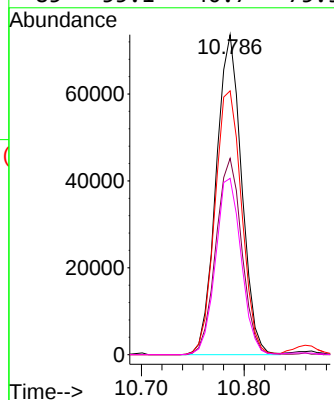


#45
1,1,2-Trichloroethane
Concen: 25.060 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

Instrument :
MSVOA_W
ClientSampleId :

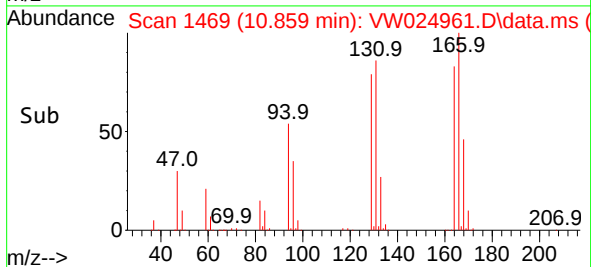
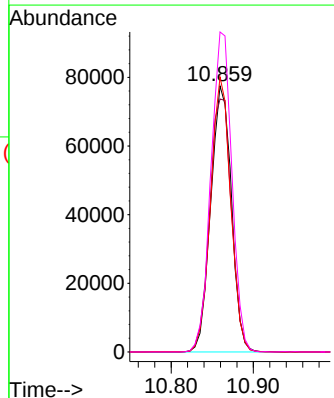
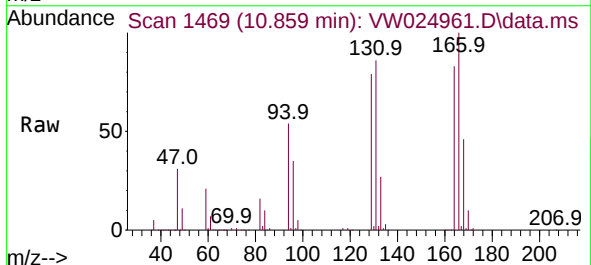


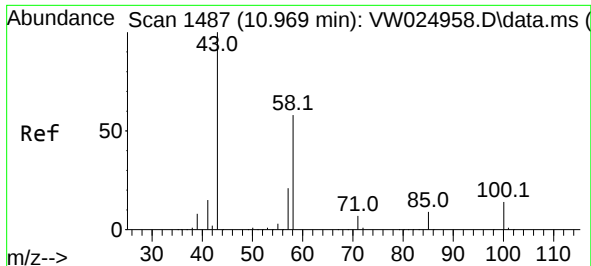
Tgt Ion:	97	Resp:	126772
Ion	Ratio	Lower	Upper
97	100		
99	61.3	44.7	83.1
83	82.5	59.6	110.8
85	55.1	40.7	75.5



#46
Tetrachloroethene
Concen: 27.114 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

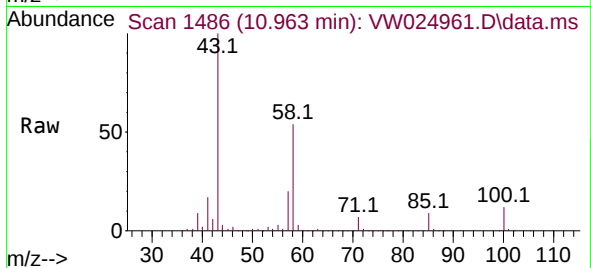
Tgt Ion:	164	Resp:	134925
Ion	Ratio	Lower	Upper
164	100		
129	95.1	78.7	146.1
131	103.4	71.1	132.1
166	120.3	78.8	146.4



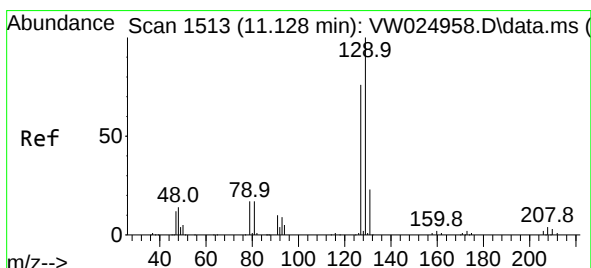
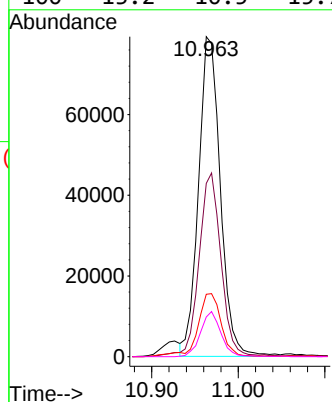
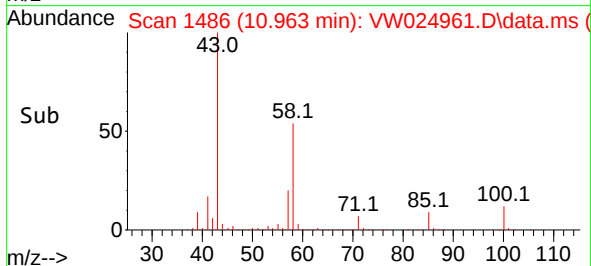


#48
2-Hexanone
Concen: 47.869 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

Instrument :
MSVOA_W
ClientSampleId :

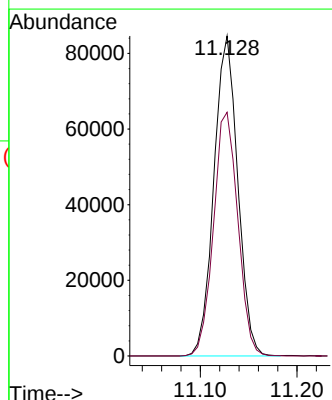
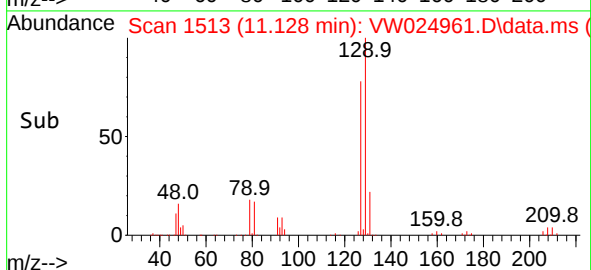
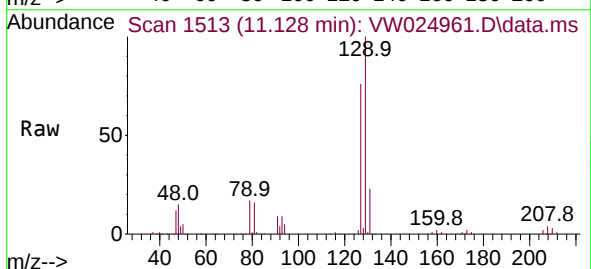


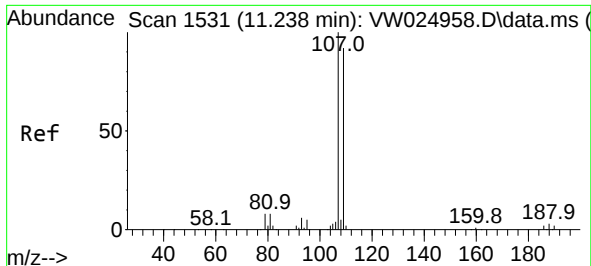
Tgt Ion: 43 Resp: 138933
Ion Ratio Lower Upper
43 100
58 57.8 47.0 70.6
57 19.8 16.0 24.0
100 13.2 10.5 15.7



#49
Dibromochloromethane
Concen: 25.847 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

Tgt Ion: 129 Resp: 144748
Ion Ratio Lower Upper
129 100
127 76.2 53.9 100.1





#50

1,2-Dibromoethane

Concen: 24.681 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW024961.D

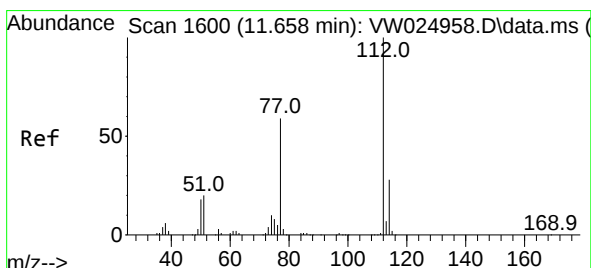
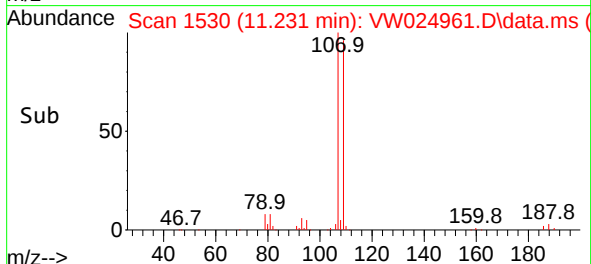
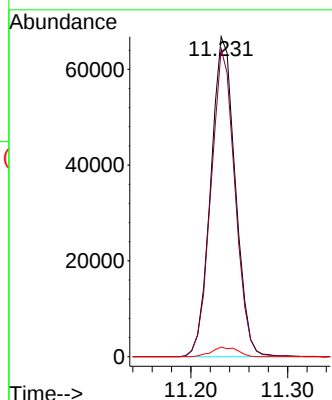
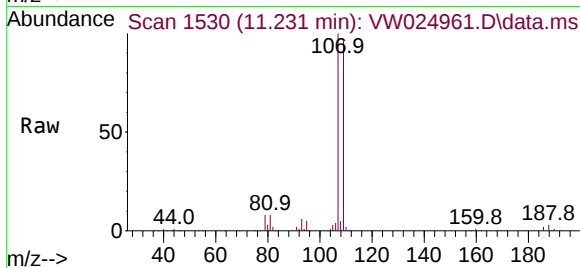
Acq: 20 Oct 2022 12:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	117620
Ion	Ratio	Lower Upper
107	100	
109	96.2	62.8 116.6
188	3.0	2.2 3.2



#51

Chlorobenzene

Concen: 25.590 ug/L

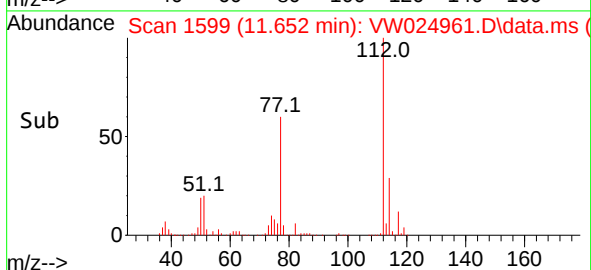
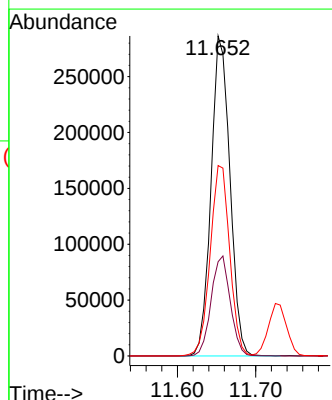
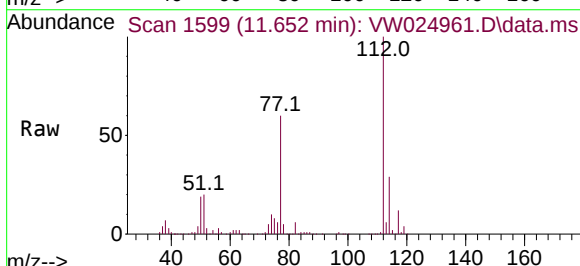
RT: 11.652 min Scan# 1599

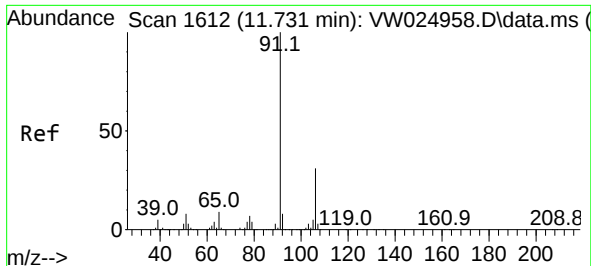
Delta R.T. -0.006 min

Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

Tgt Ion:112	Resp:	479212
Ion	Ratio	Lower Upper
112	100	
114	29.4	22.7 42.3
77	59.5	49.8 74.8

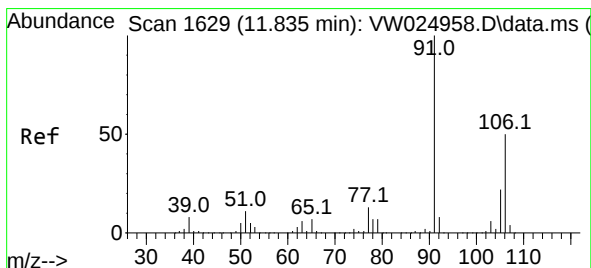
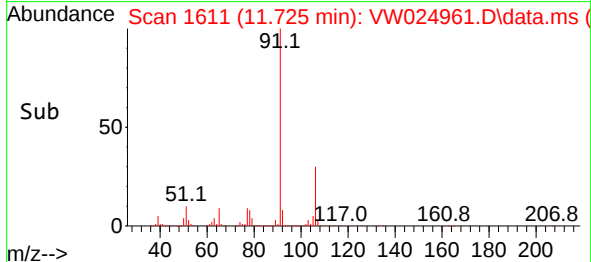
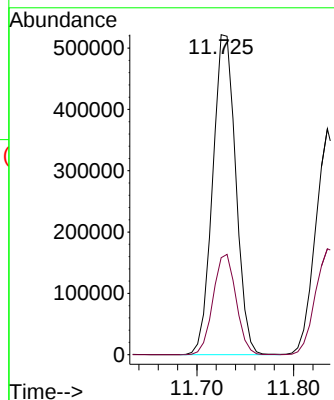
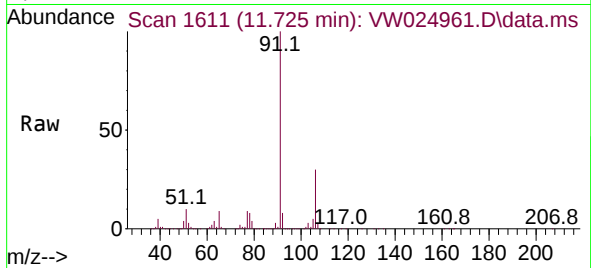




#52
Ethylbenzene
Concen: 25.959 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

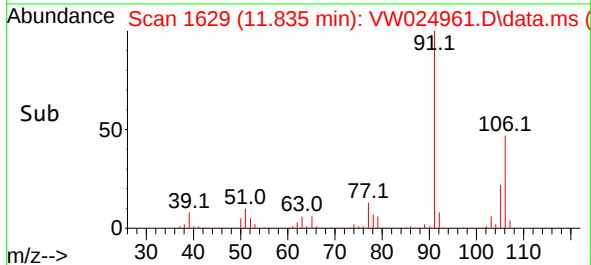
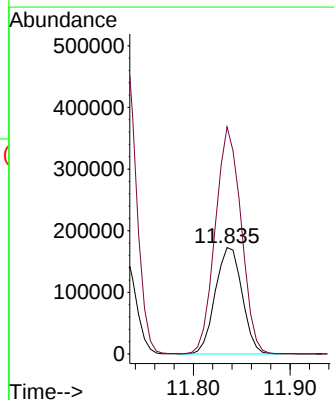
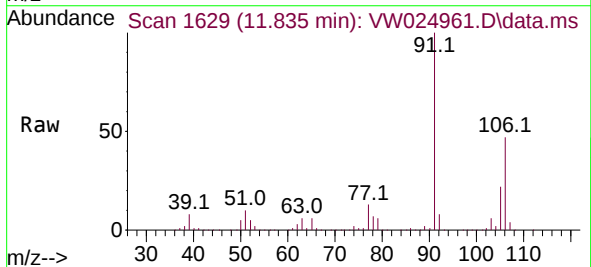
Instrument :
MSVOA_W
ClientSampleId :

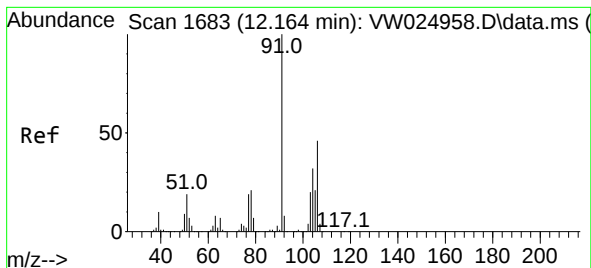
Tgt Ion: 91 Resp: 866111
Ion Ratio Lower Upper
91 100
106 30.3 20.1 37.3



#53
m,p-Xylene
Concen: 26.243 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

Tgt Ion:106 Resp: 332667
Ion Ratio Lower Upper
106 100
91 213.3 147.4 273.8





#54

o-Xylene

Concen: 26.102 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

Instrument :

MSVOA_W

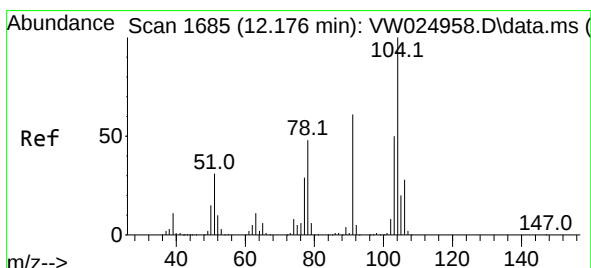
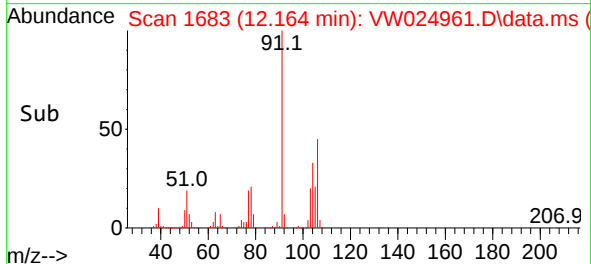
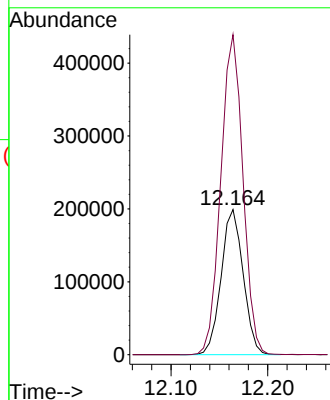
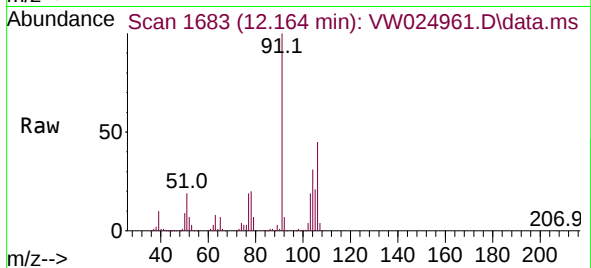
ClientSampleId :

Tgt Ion:106 Resp: 315039

Ion Ratio Lower Upper

106 100

91 220.5 151.0 280.4



#55

Styrene

Concen: 26.044 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW024961.D

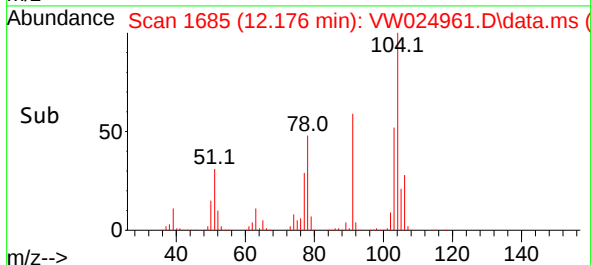
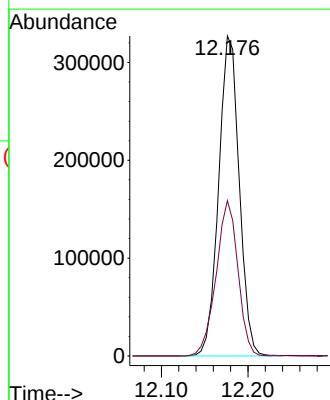
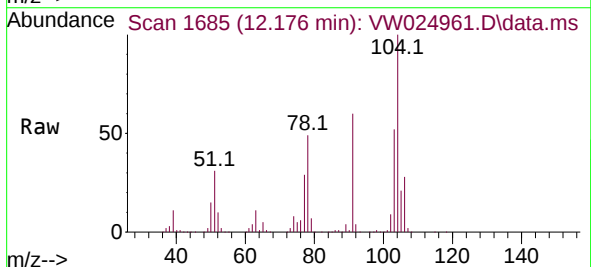
Acq: 20 Oct 2022 12:26

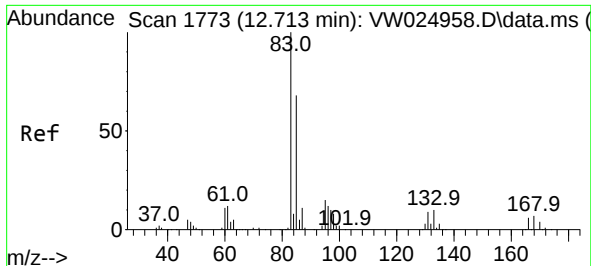
Tgt Ion:104 Resp: 539135

Ion Ratio Lower Upper

104 100

78 48.5 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 23.610 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

Instrument :

MSVOA_W

ClientSampleId :

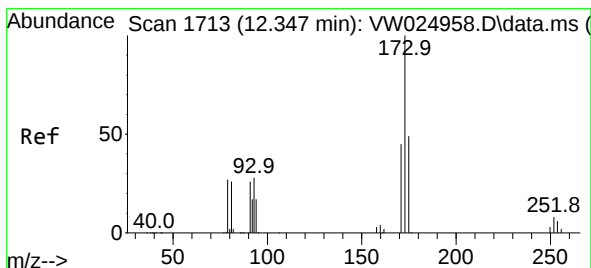
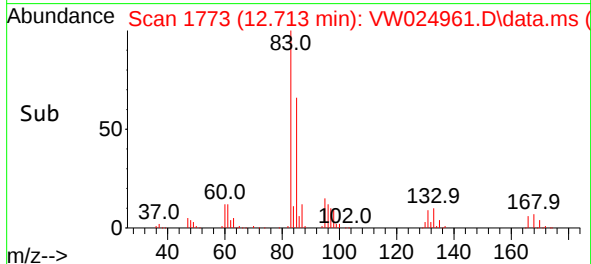
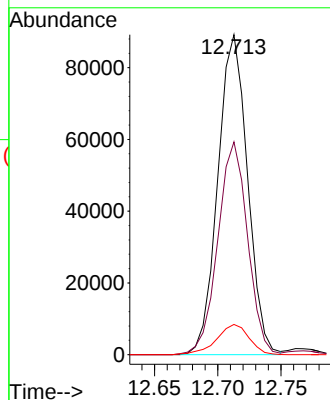
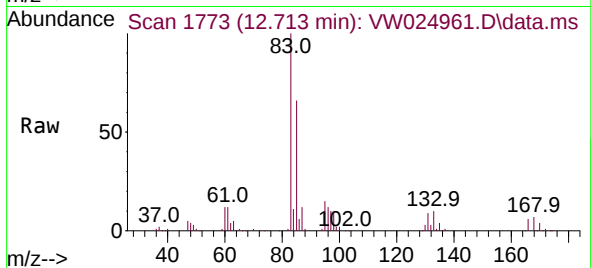
Tgt Ion: 83 Resp: 145721

Ion Ratio Lower Upper

83 100

85 66.5 44.5 82.7

131 9.5 6.8 10.2



#59

Bromoform

Concen: 24.439 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

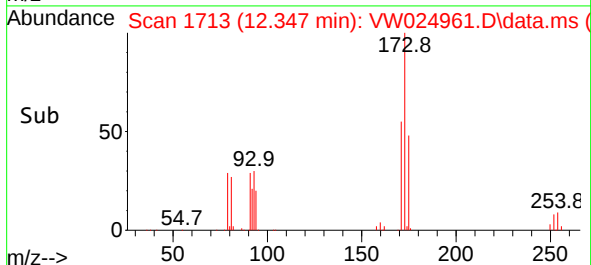
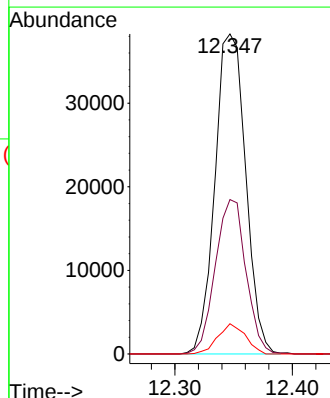
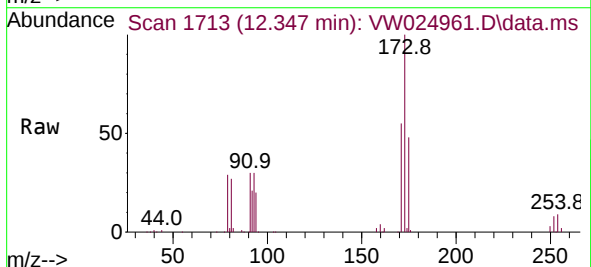
Tgt Ion:173 Resp: 69695

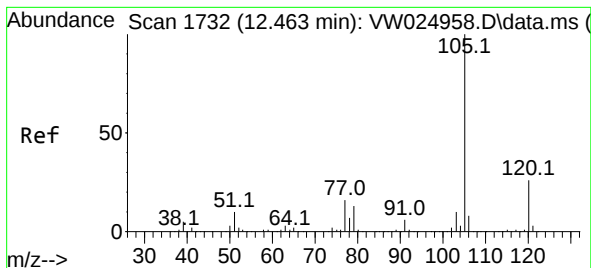
Ion Ratio Lower Upper

173 100

175 48.0 38.6 58.0

254 8.5 4.8 7.2#





#60

Isopropylbenzene

Concen: 24.894 ug/L

RT: 12.463 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

Instrument :

MSVOA_W

ClientSampleId :

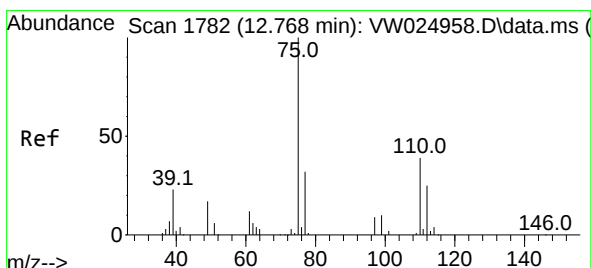
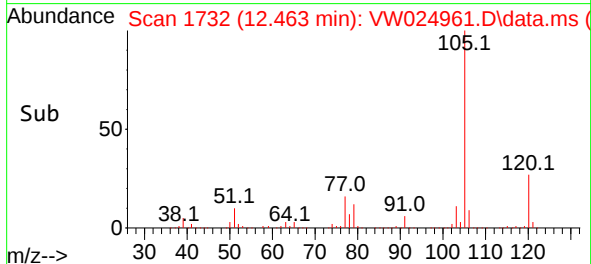
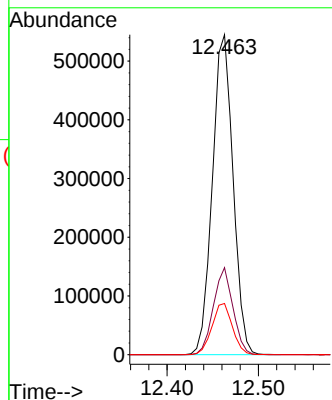
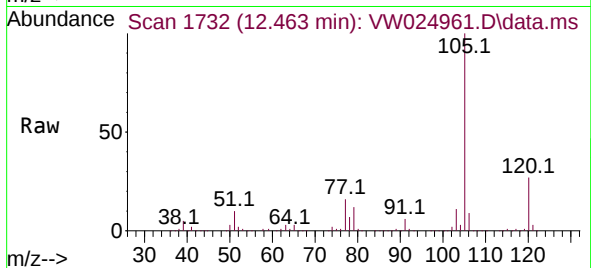
Tgt Ion:105 Resp: 855822

Ion Ratio Lower Upper

105 100

120 25.8 20.5 30.7

77 15.9 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 22.811 ug/L

RT: 12.762 min Scan# 1781

Delta R.T. -0.006 min

Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

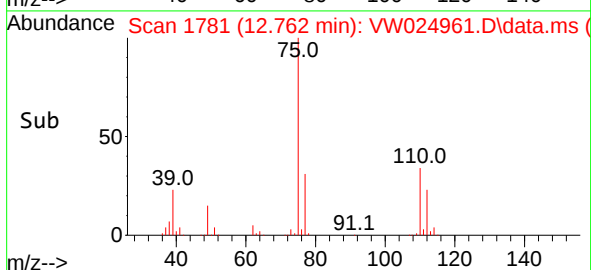
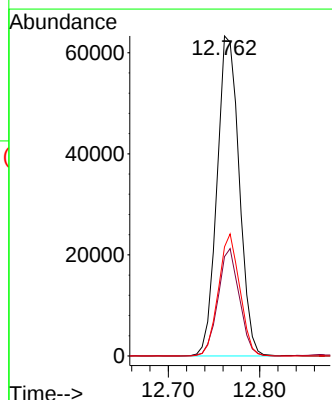
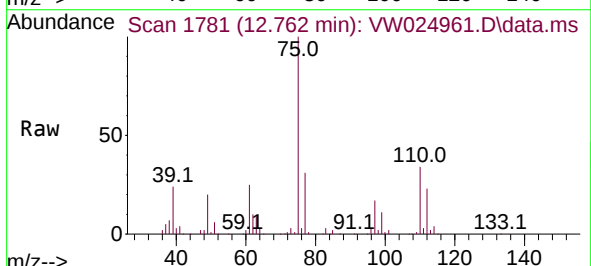
Tgt Ion: 75 Resp: 106897

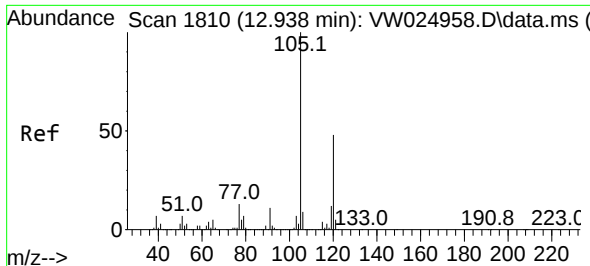
Ion Ratio Lower Upper

75 100

77 32.3 26.4 39.6

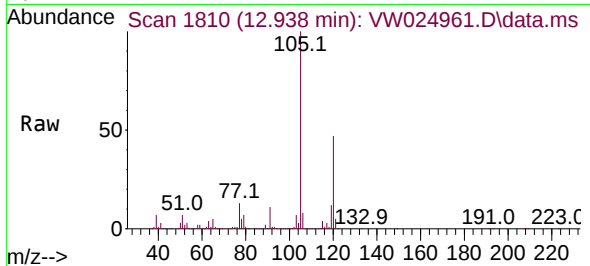
110 36.7 30.8 46.2



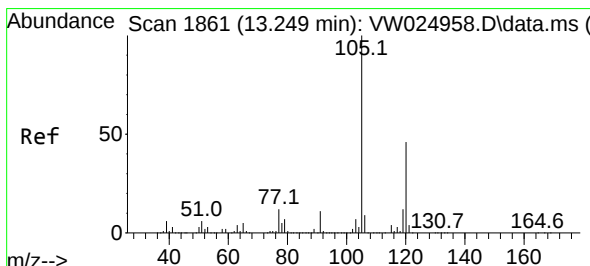
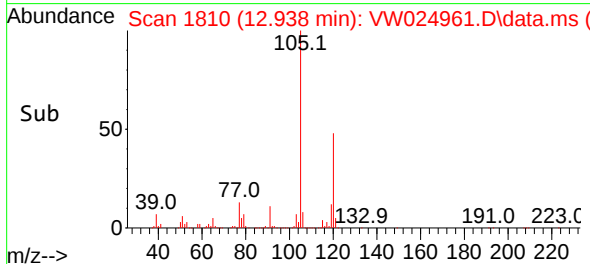
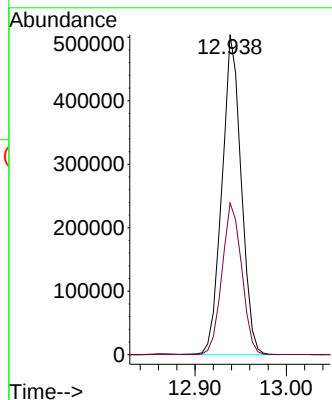


#62
 1,3,5-Trimethylbenzene
 Concen: 25.036 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW024961.D
 Acq: 20 Oct 2022 12:26

Instrument :
 MSVOA_W
 ClientSampleId :

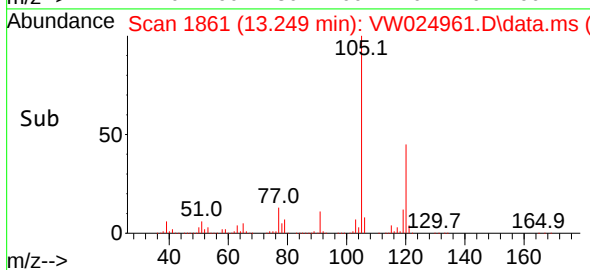
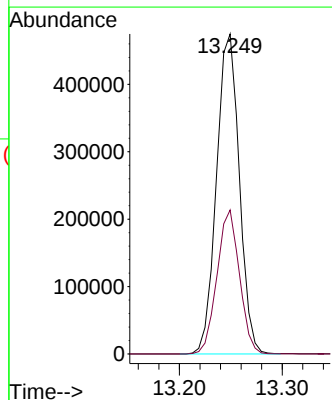
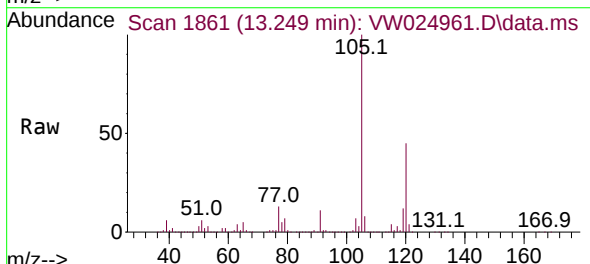


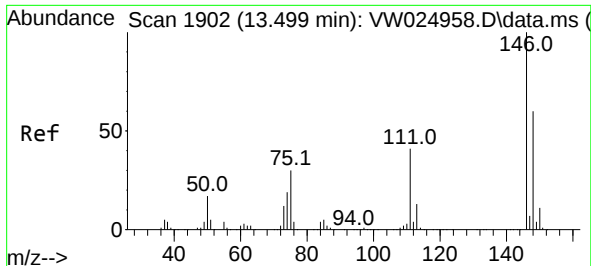
Tgt Ion:105 Resp: 738961
 Ion Ratio Lower Upper
 105 100
 120 48.4 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 25.647 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW024961.D
 Acq: 20 Oct 2022 12:26

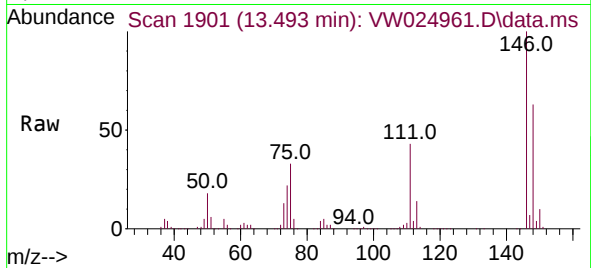
Tgt Ion:105 Resp: 729888
 Ion Ratio Lower Upper
 105 100
 120 44.3 34.8 52.2



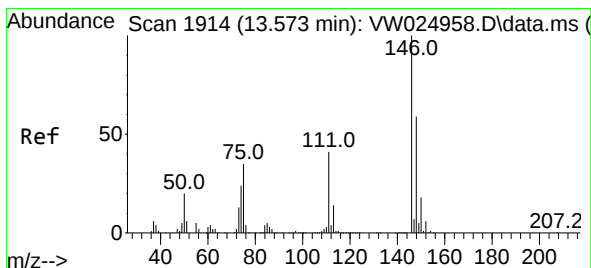
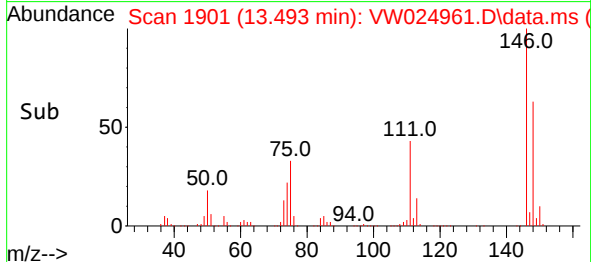
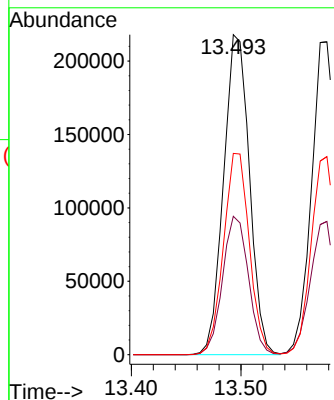


#64
1,3-Dichlorobenzene
Concen: 25.510 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

Instrument :
MSVOA_W
ClientSampleId :

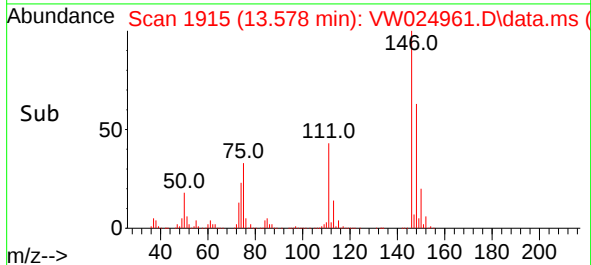
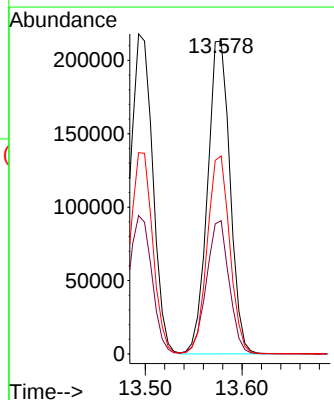
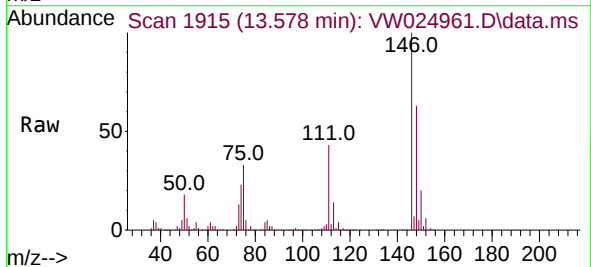


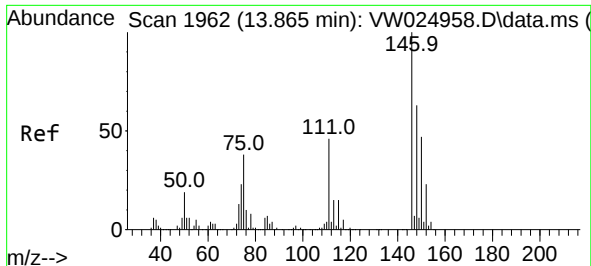
Tgt Ion:146 Resp: 357164
Ion Ratio Lower Upper
146 100
111 43.2 31.7 58.9
148 62.9 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 24.371 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024961.D
Acq: 20 Oct 2022 12:26

Tgt Ion:146 Resp: 345391
Ion Ratio Lower Upper
146 100
111 42.6 27.4 50.8
148 63.3 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 24.595 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

Instrument :

MSVOA_W

ClientSampleId :

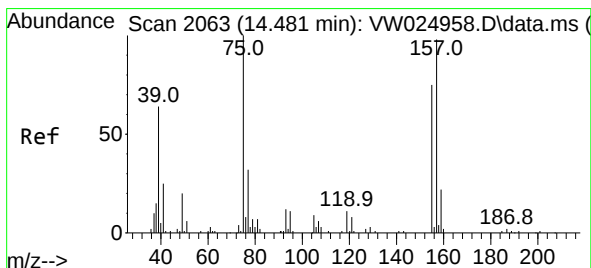
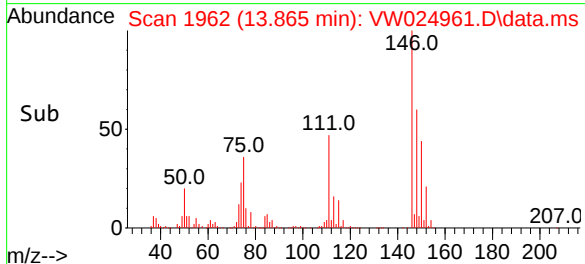
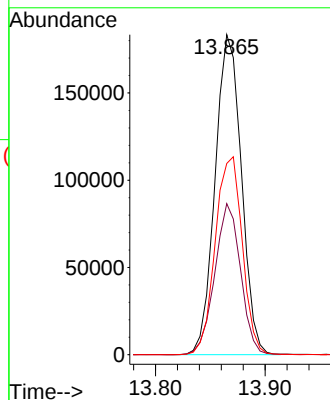
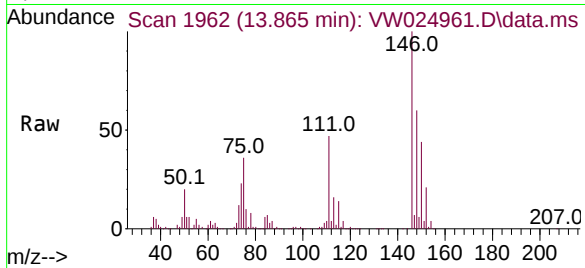
Tgt Ion:146 Resp: 306075

Ion Ratio Lower Upper

146 100

111 47.2 36.9 55.3

148 59.8 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.202 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

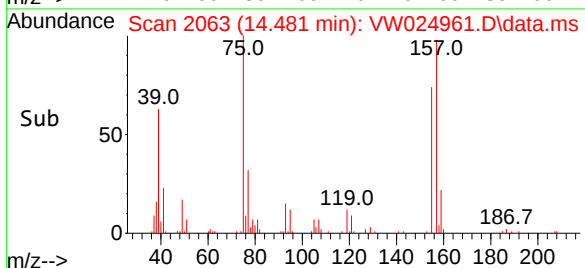
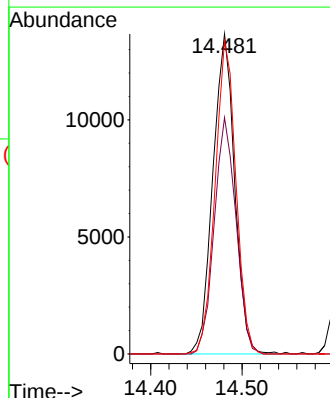
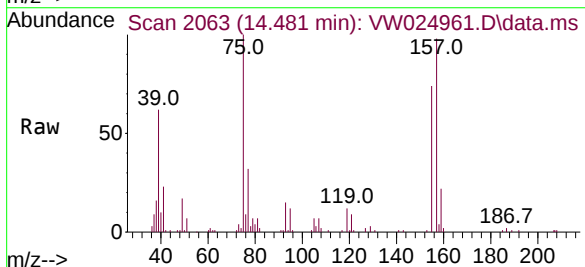
Tgt Ion: 75 Resp: 22615

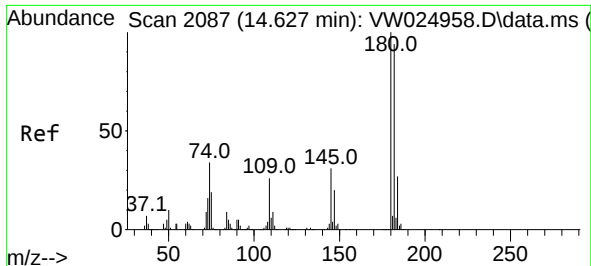
Ion Ratio Lower Upper

75 100

155 73.8 56.2 84.4

157 97.9 74.6 111.8





#69

1,3,5-Trichlorobenzene

Concen: 25.267 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

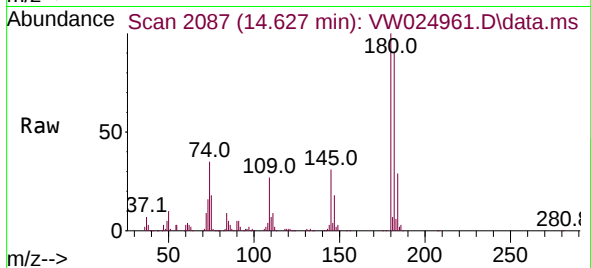
Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 230975

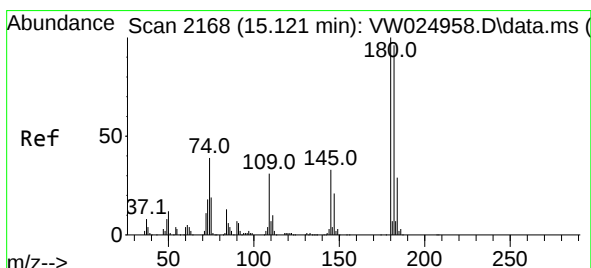
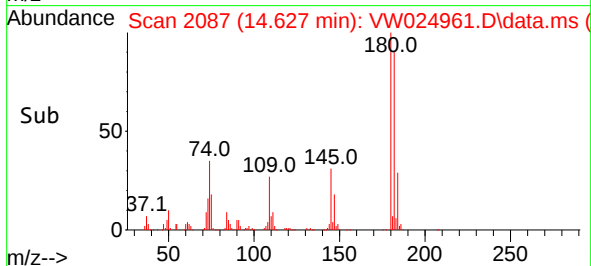
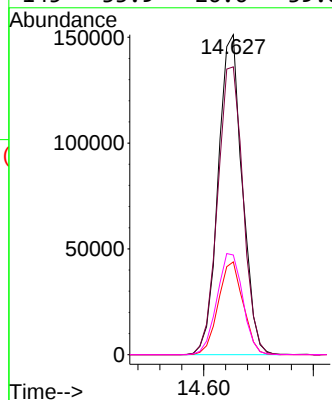
Ion Ratio Lower Upper

180 100

182 95.0 75.0 112.6

184 29.9 22.9 34.3

145 33.9 26.6 39.8



#70

1,2,4-trichlorobenzene

Concen: 25.944 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.006 min

Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

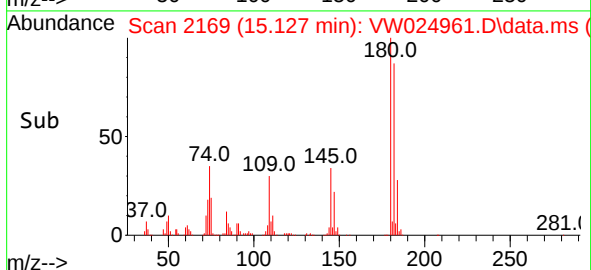
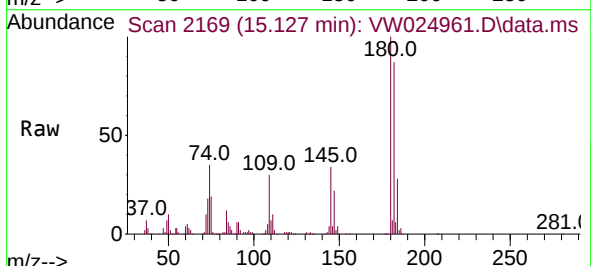
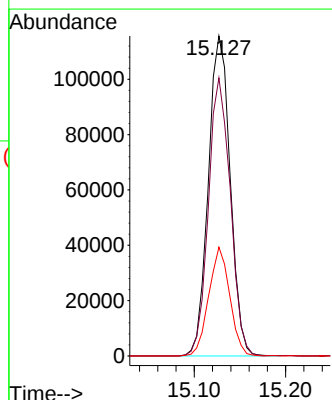
Tgt Ion:180 Resp: 192423

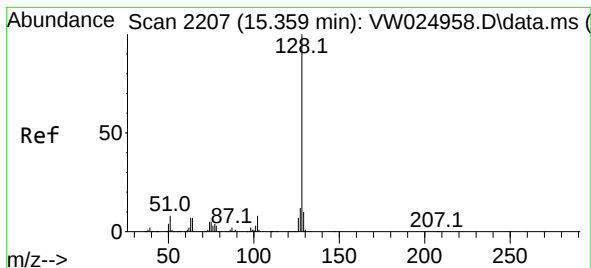
Ion Ratio Lower Upper

180 100

182 87.1 77.7 116.5

145 32.6 29.0 43.4





#71

Naphthalene

Concen: 24.037 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

Instrument :

MSVOA_W

ClientSampleId :

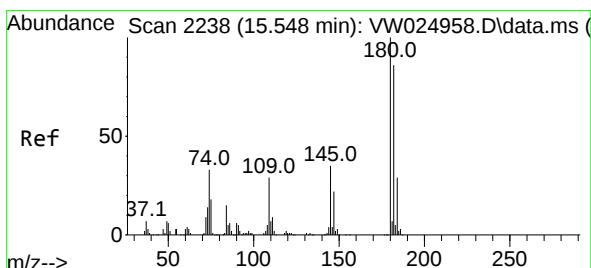
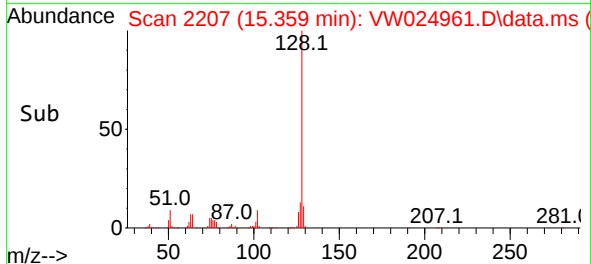
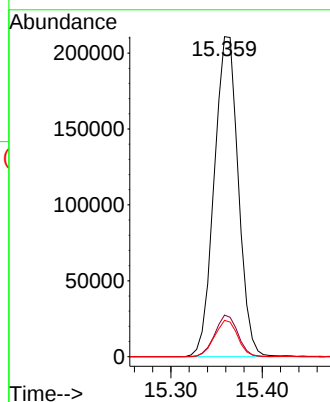
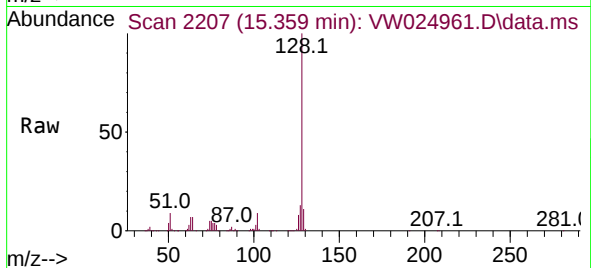
Tgt Ion:128 Resp: 386275

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.9 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 24.821 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW024961.D

Acq: 20 Oct 2022 12:26

Tgt Ion:180 Resp: 157133

Ion Ratio Lower Upper

180 100

182 95.0 75.1 112.7

145 35.8 29.9 44.9

