

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
 Data File : VW022424.D
 Acq On : 07 Apr 2022 11:12
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 06:26:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 08 06:18:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	312335	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	316809	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	173460	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	176818	25.608	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.440%	
7) Chloroethane-d5	2.891	69	119903	27.708	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.840%	
11) 1,1-Dichloroethene-d2	4.025	63	221641	24.749	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 99.000%	
21) 2-Butanone-d5	7.080	46	64780	53.738	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 107.480%	
24) Chloroform-d	7.647	84	269149	27.570	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 110.280%	
26) 1,2-Dichloroethane-d4	8.305	65	155563	27.889	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 111.560%	
32) Benzene-d6	8.275	84	509423	26.319	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.280%	
36) 1,2-Dichloropropane-d6	9.274	67	151801	27.101	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 108.400%	
41) Toluene-d8	10.323	98	503215	26.545	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.200%	
43) trans-1,3-Dichloroprop...	10.579	79	71360	26.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 107.960%	
47) 2-Hexanone-d5	10.920	63	55802	53.545	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 107.100%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	131488	27.608	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 110.440%	
66) 1,2-Dichlorobenzene-d4	13.853	152	170136	27.692	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 110.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	38043	24.847	ug/L	98
3) Chloromethane	2.221	50	91985	24.097	ug/L	98
5) Vinyl chloride	2.367	62	200299	25.147	ug/L	95
6) Bromomethane	2.782	94	119221	24.622	ug/L	99
8) Chloroethane	2.928	64	89887	25.776	ug/L	97
9) Trichlorofluoromethane	3.257	101	63171	21.482	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	112492	24.023	ug/L	98
12) 1,1-Dichloroethene	4.044	96	104695	24.895	ug/L	94
13) Acetone	4.123	43	33563	40.892	ug/L	98
14) Carbon disulfide	4.385	76	345723	24.990	ug/L	100
15) Methyl Acetate	4.672	43	52127	25.308	ug/L	97
16) Methylene chloride	4.915	84	113696	24.192	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	124521	25.276	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	209502	26.039	ug/L	99
19) 1,1-Dichloroethane	6.214	63	233027	25.924	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	133033	25.568	ug/L #	100
22) 2-Butanone	7.165	43	63588	51.296	ug/L	99
23) Bromochloromethane	7.513	128	58684	26.207	ug/L	93
25) Chloroform	7.677	83	246219	26.007	ug/L	98

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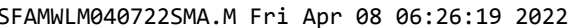
Instrument :
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 ClientSampleId :

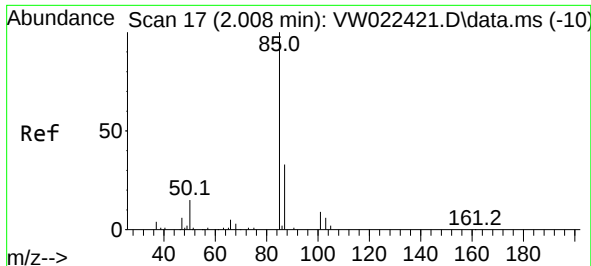
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 08 06:18:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	176638	26.545	ug/L	100
29) Cyclohexane	7.958	56	217025	23.935	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	209875	23.882	ug/L	99
31) Carbon tetrachloride	8.067	117	190760	24.185	ug/L	100
33) Benzene	8.323	78	529408	24.613	ug/L	100
34) Trichloroethene	9.091	95	139498	24.222	ug/L	98
35) Methylcyclohexane	9.335	83	243061	23.523	ug/L	99
37) 1,2-Dichloropropane	9.366	63	130000	25.229	ug/L	99
38) Bromodichloromethane	9.640	83	184602	24.912	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	213478	26.108	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	160495	51.037	ug/L	98
42) Toluene	10.384	91	615078	24.955	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	193328	26.406	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	97537	24.802	ug/L	99
46) Tetrachloroethene	10.859	164	102562	24.227	ug/L	99
48) 2-Hexanone	10.969	43	111731	50.363	ug/L	98
49) Dibromochloromethane	11.128	129	121786	25.966	ug/L	98
50) 1,2-Dibromoethane	11.237	107	98434	25.348	ug/L	94
51) Chlorobenzene	11.658	112	378789	25.149	ug/L	97
52) Ethylbenzene	11.731	91	700171	25.344	ug/L	99
53) m,p-Xylene	11.835	106	265349	25.261	ug/L	94
54) o-Xylene	12.164	106	257242	25.626	ug/L	100
55) Styrene	12.176	104	454055	26.475	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	124745	25.844	ug/L	100
59) Bromoform	12.347	173	63601	24.675	ug/L	97
60) Isopropylbenzene	12.463	105	720816	25.016	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	94146	25.515	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	398047	25.119	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	607171	25.196	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	298601	25.534	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	296547	25.427	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	268400	25.664	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	20602	24.074	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	192002	25.164	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	156617	24.441	ug/L	91
71) Naphthalene	15.359	128	349789	25.881	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	137911	25.179	ug/L	95

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

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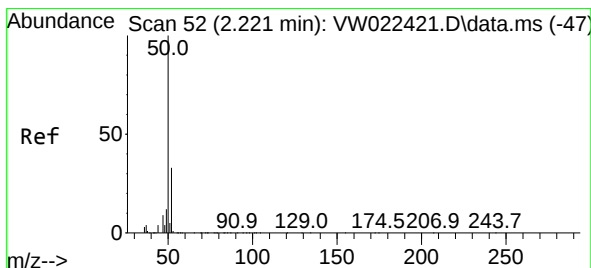
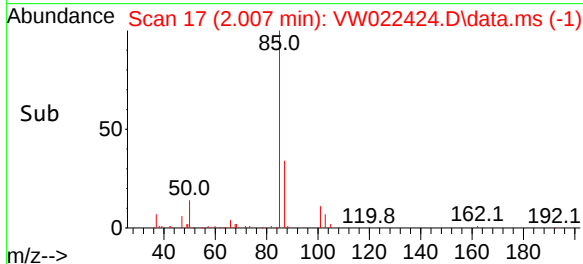
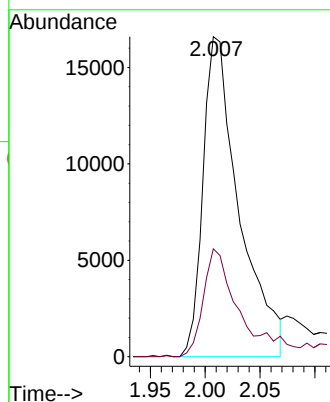
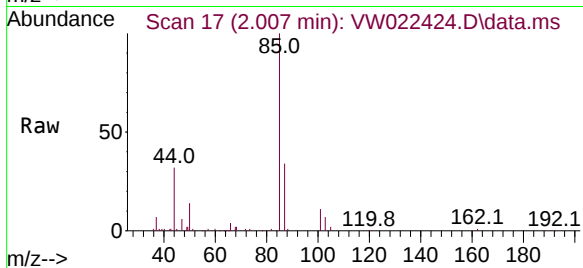




#2
Dichlorodifluoromethane
Concen: 24.847 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

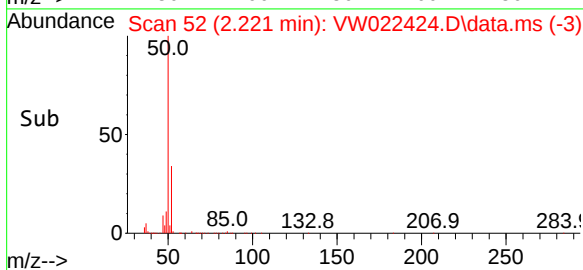
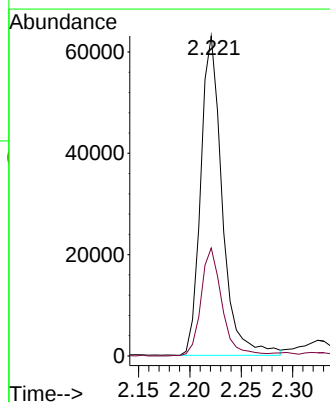
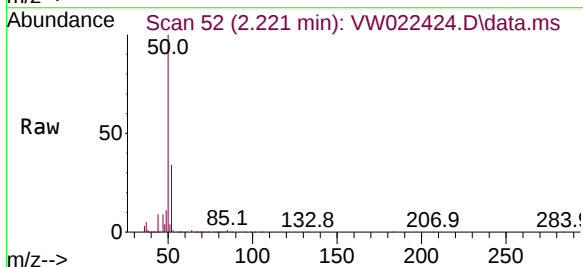
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MSVOA_W
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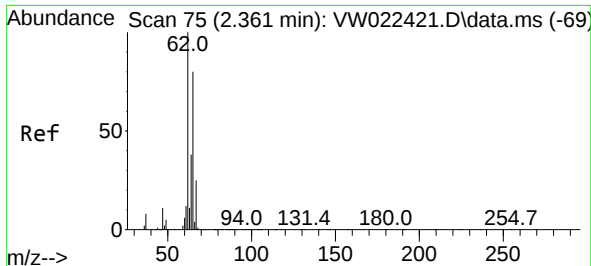
Tgt Ion: 85 Resp: 38043
Ion Ratio Lower Upper
85 100
87 28.4 23.7 35.5



#3
Chloromethane
Concen: 24.097 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

Tgt Ion: 50 Resp: 91985
Ion Ratio Lower Upper
50 100
52 33.8 23.0 42.6

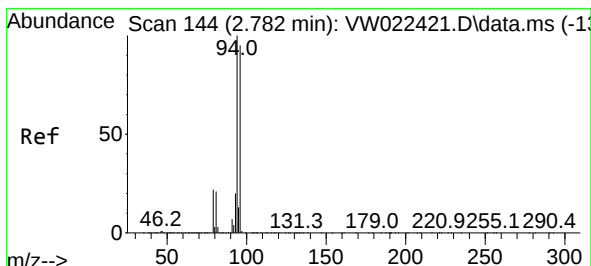
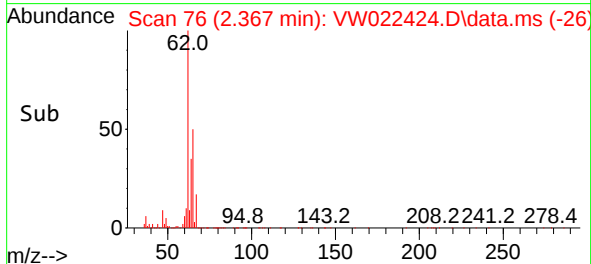
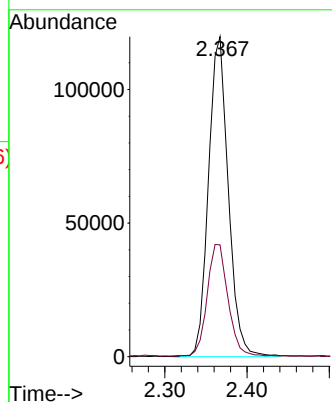
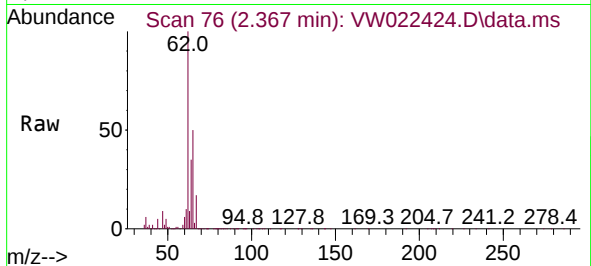




#5
 Vinyl chloride
 Concen: 25.147 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW022424.D
 Acq: 07 Apr 2022 11:12

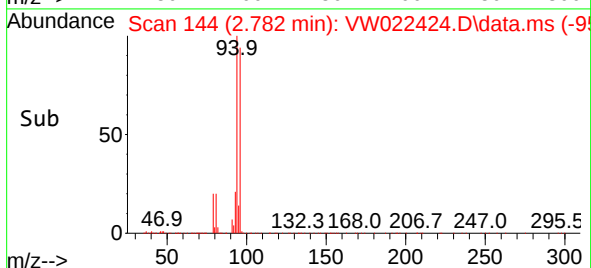
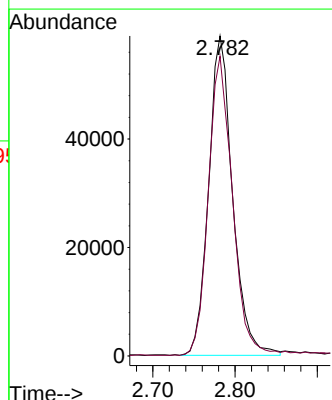
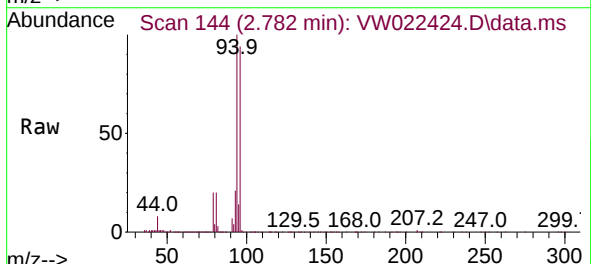
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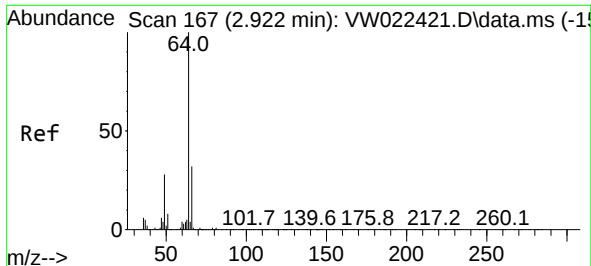
Tgt Ion: 62 Resp: 200299
 Ion Ratio Lower Upper
 62 100
 64 35.0 26.5 49.3



#6
 Bromomethane
 Concen: 24.622 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW022424.D
 Acq: 07 Apr 2022 11:12

Tgt Ion: 94 Resp: 119221
 Ion Ratio Lower Upper
 94 100
 96 93.6 66.6 123.6

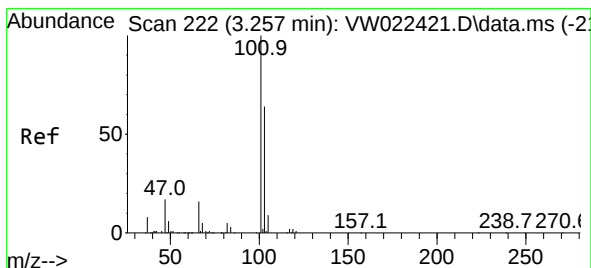
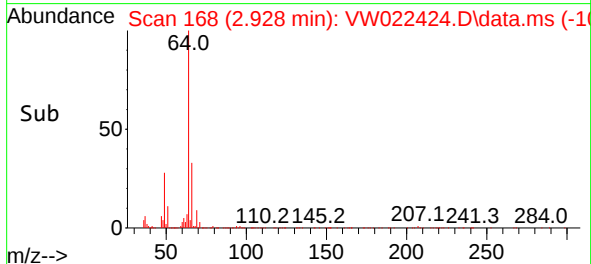
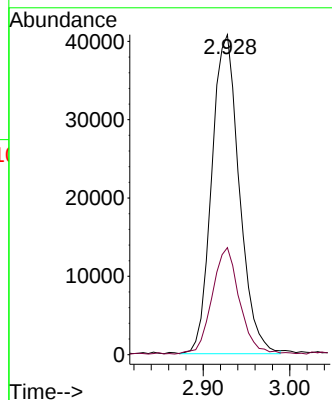
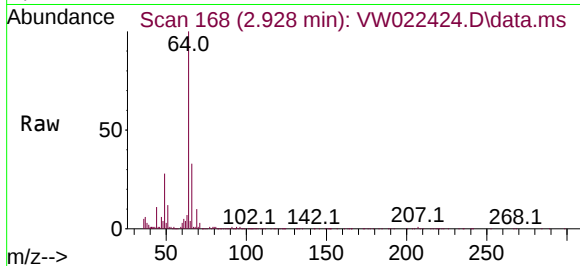




#8
Chloroethane
Concen: 25.776 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

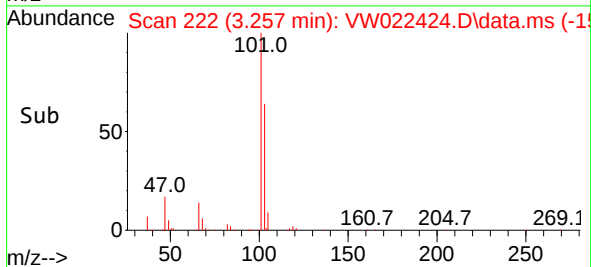
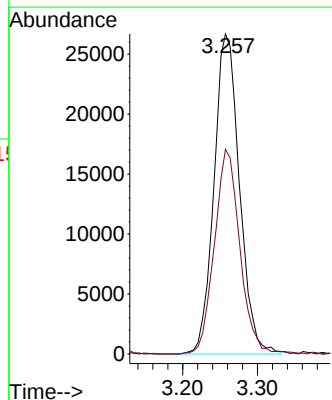
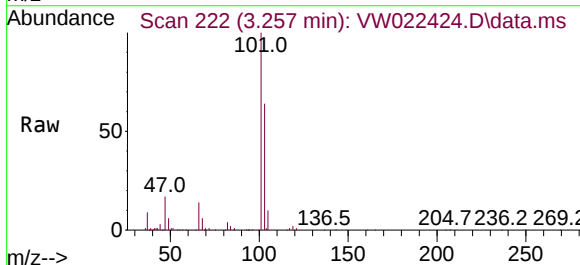
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ClientSampleId :

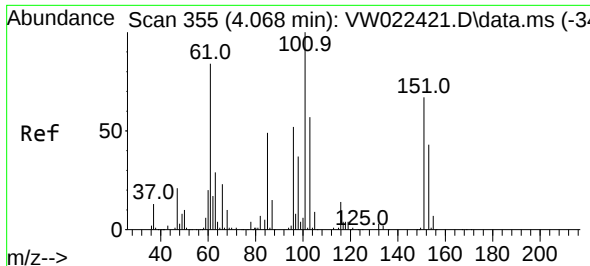
Tgt Ion: 64 Resp: 89887
Ion Ratio Lower Upper
64 100
66 33.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 21.482 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

Tgt Ion: 101 Resp: 63171
Ion Ratio Lower Upper
101 100
103 63.7 52.0 78.0

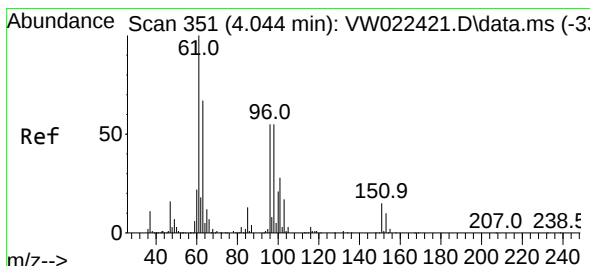
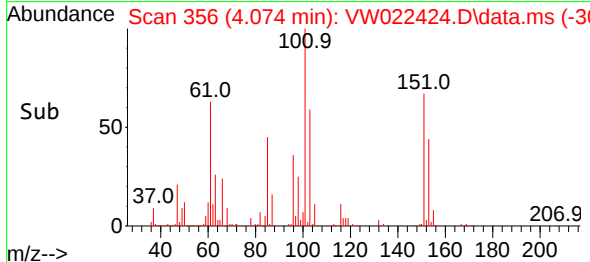
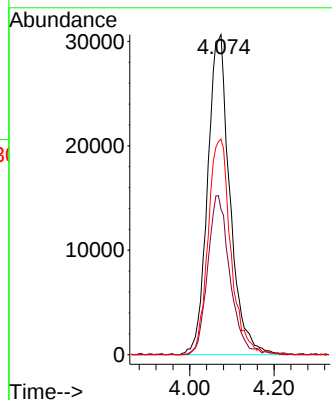
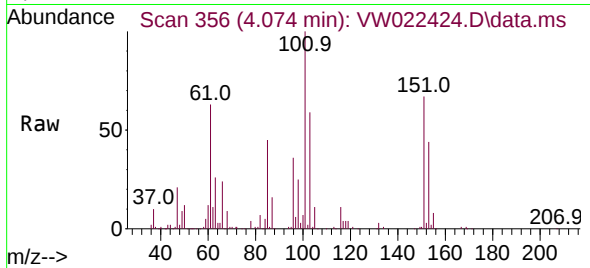




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.023 ug/L
 RT: 4.074 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW022424.D
 Acq: 07 Apr 2022 11:12

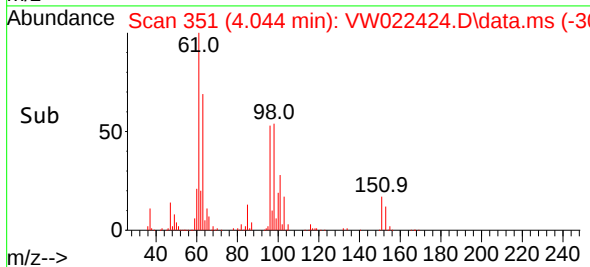
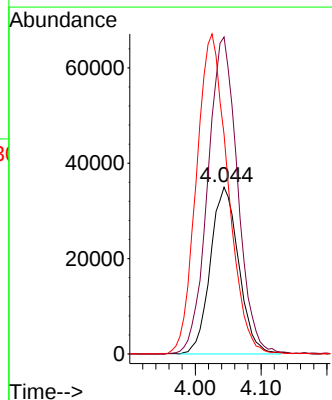
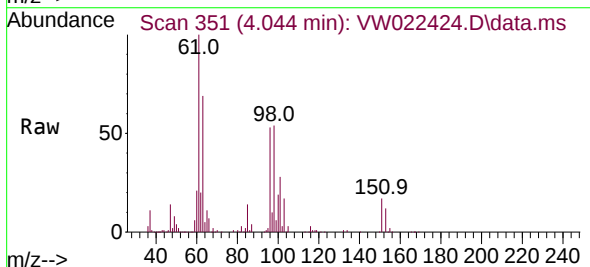
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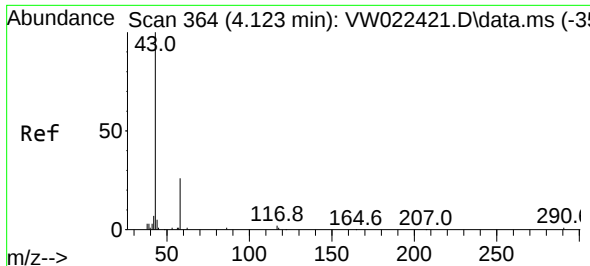
Tgt Ion:101 Resp: 112492
 Ion Ratio Lower Upper
 101 100
 85 48.8 39.2 58.8
 151 68.3 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 24.895 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW022424.D
 Acq: 07 Apr 2022 11:12

Tgt Ion: 96 Resp: 104695
 Ion Ratio Lower Upper
 96 100
 61 190.2 128.0 237.6
 63 131.8 86.6 160.8

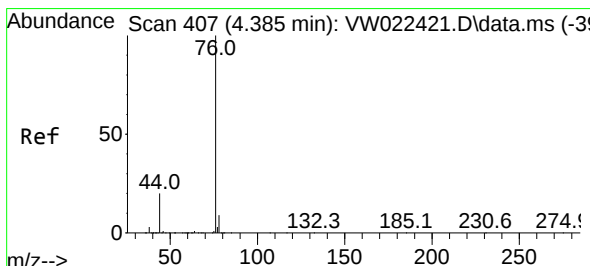
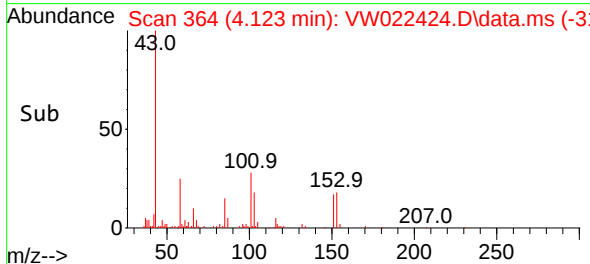
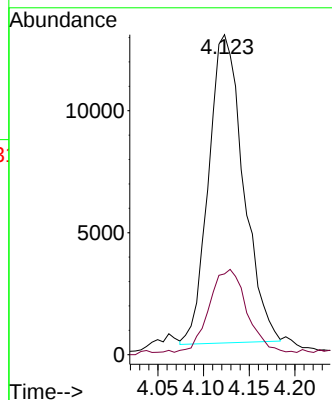
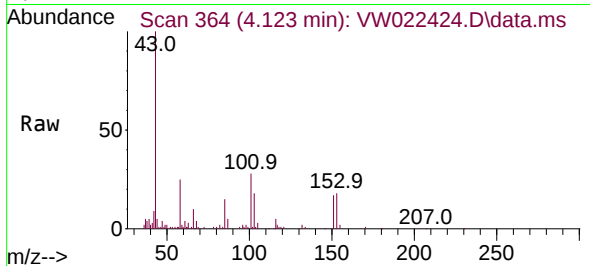




#13
Acetone
Concen: 40.892 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

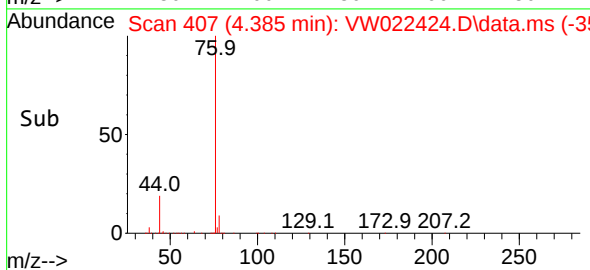
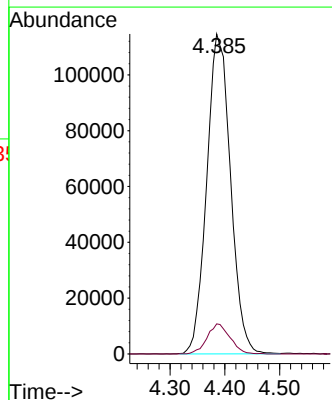
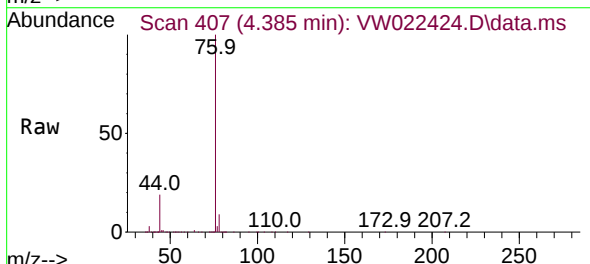
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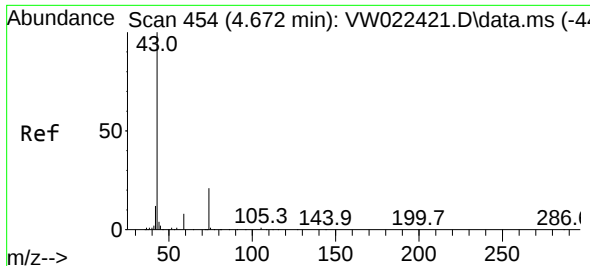
Tgt Ion: 43 Resp: 33563
Ion Ratio Lower Upper
43 100
58 29.6 0.0 57.0



#14
Carbon disulfide
Concen: 24.990 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

Tgt Ion: 76 Resp: 345723
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

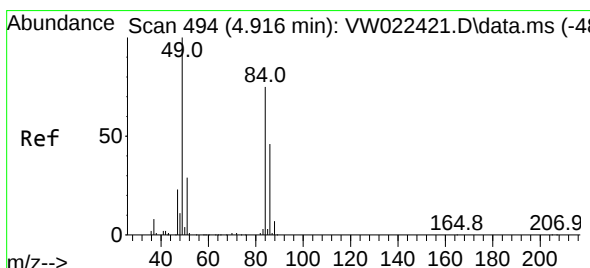
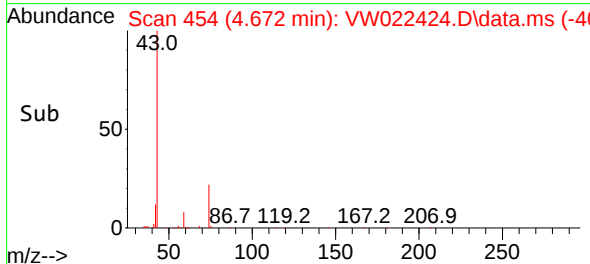
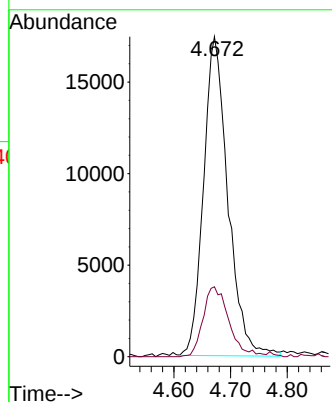
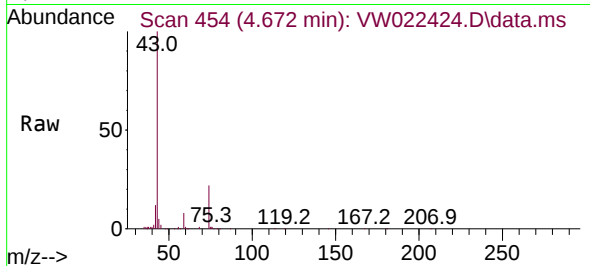




#15
Methyl Acetate
Concen: 25.308 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

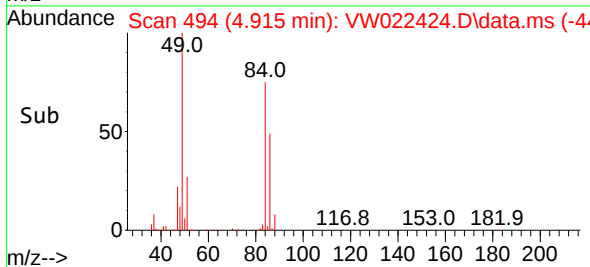
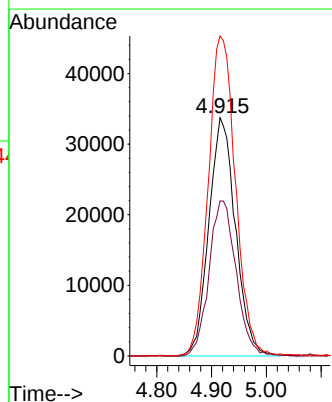
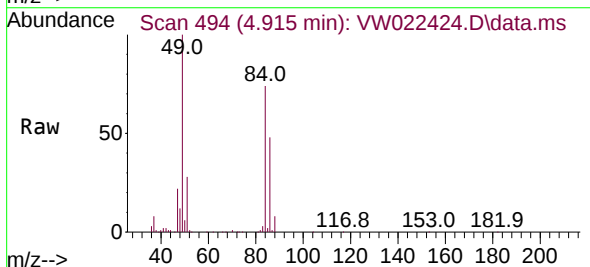
Instrument :
MSVOA_W
ClientSampleId :

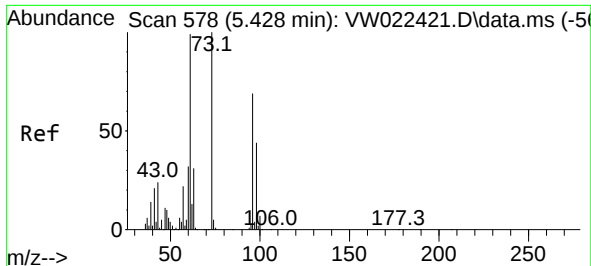
Tgt Ion: 43 Resp: 52127
Ion Ratio Lower Upper
43 100
74 21.7 18.5 27.7



#16
Methylene chloride
Concen: 24.192 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

Tgt Ion: 84 Resp: 113696
Ion Ratio Lower Upper
84 100
86 65.1 42.8 79.4
49 134.3 94.2 175.0

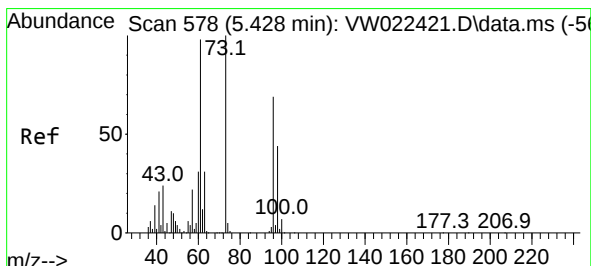
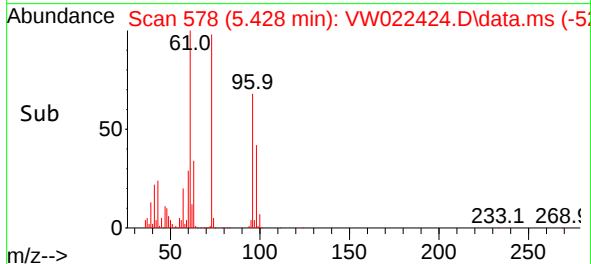
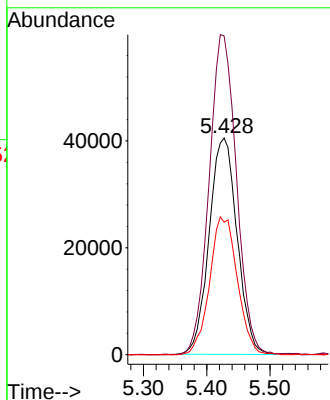
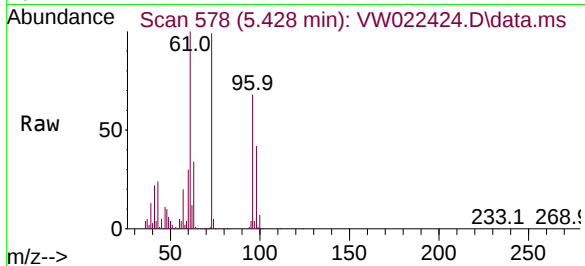




#17
trans-1,2-Dichloroethene
Concen: 25.276 ug/L
RT: 5.428 min Scan# 519
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

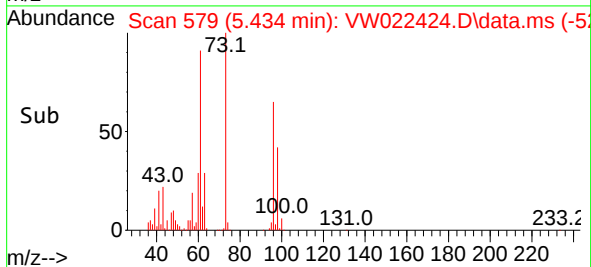
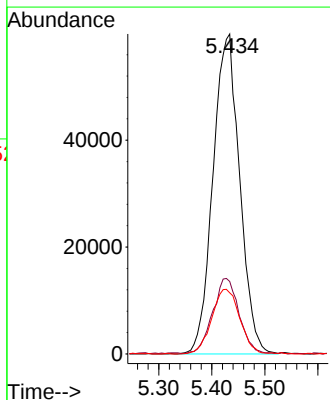
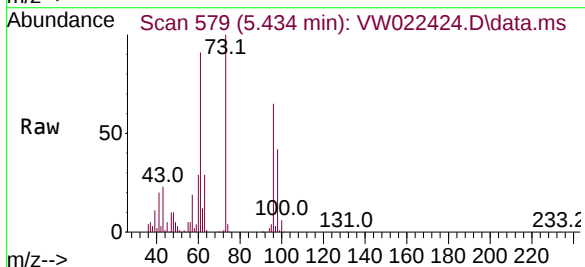
Instrument :
MSVOA_W
ClientSampleId :

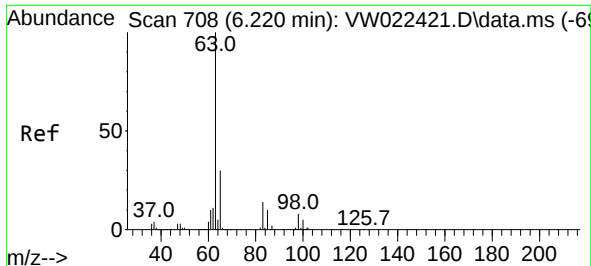
Tgt Ion: 96 Resp: 124521
Ion Ratio Lower Upper
96 100
61 147.2 99.8 185.4
98 61.2 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 26.039 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

Tgt Ion: 73 Resp: 209502
Ion Ratio Lower Upper
73 100
43 23.3 18.8 28.2
57 21.2 17.5 26.3





#19

1,1-Dichloroethane

Concen: 25.924 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

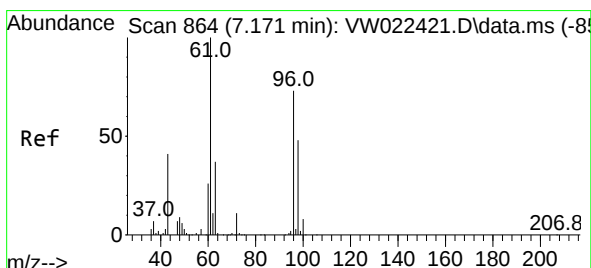
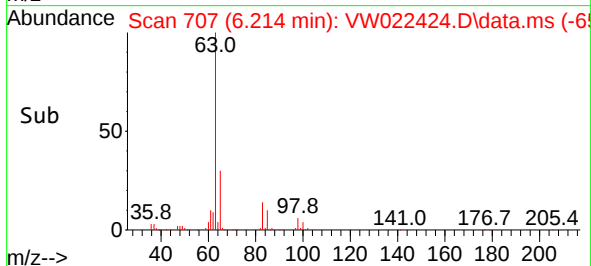
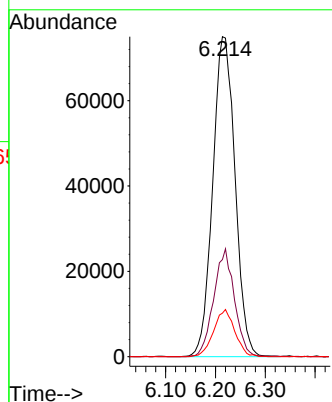
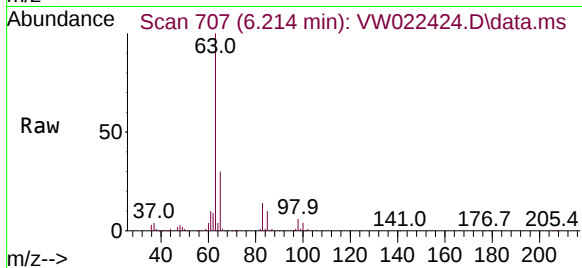
Tgt Ion: 63 Resp: 233027

Ion Ratio Lower Upper

63 100

65 30.3 21.1 39.3

83 13.6 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 25.568 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

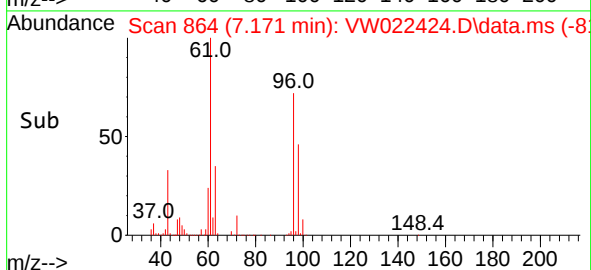
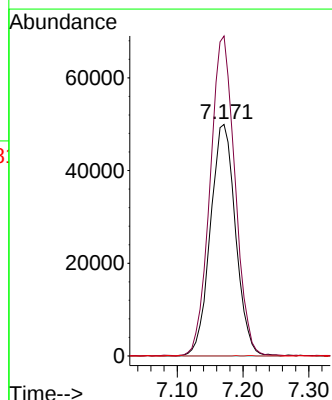
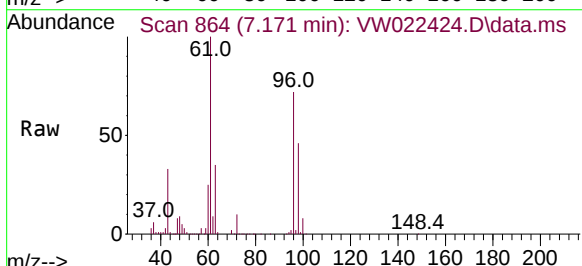
Tgt Ion: 96 Resp: 133033

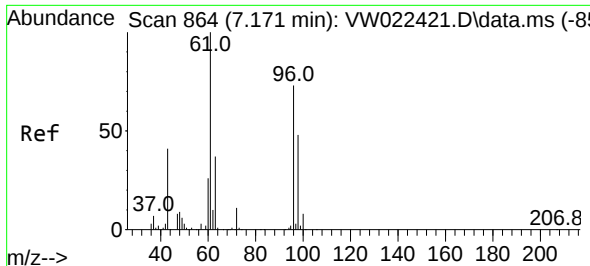
Ion Ratio Lower Upper

96 100

61 138.2 96.4 179.0

68 0.0 0.1 0.3

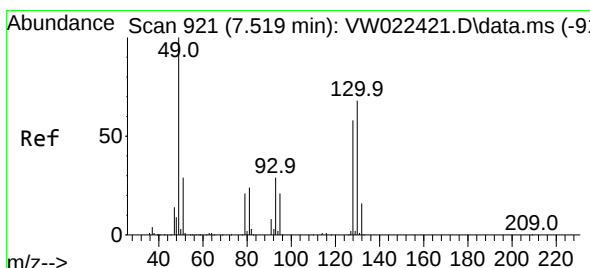
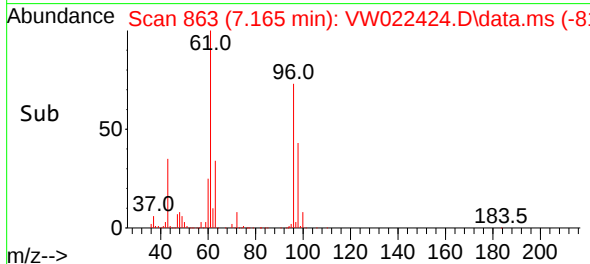
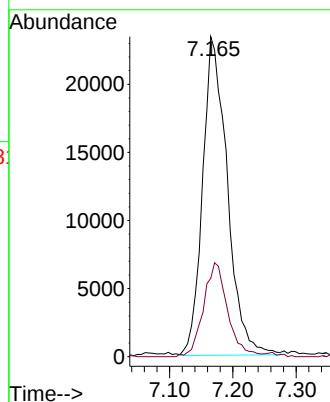
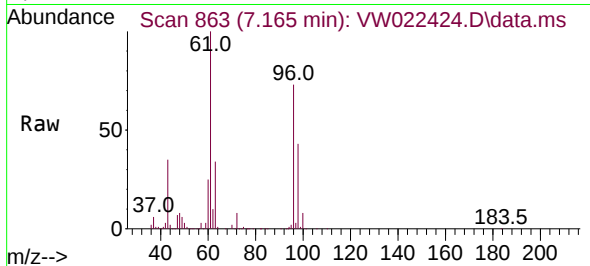




#22
2-Butanone
Concen: 51.296 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

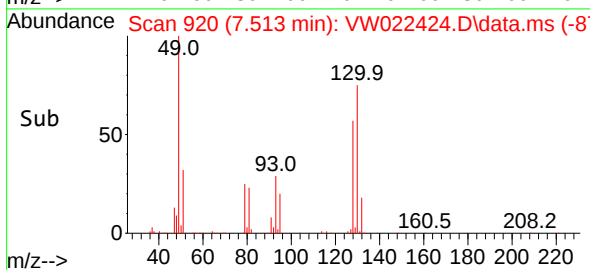
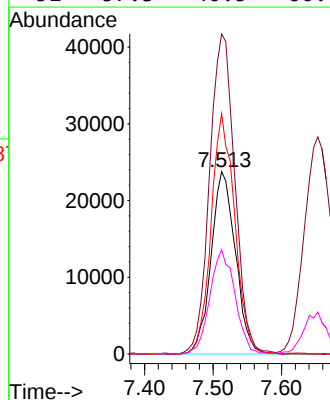
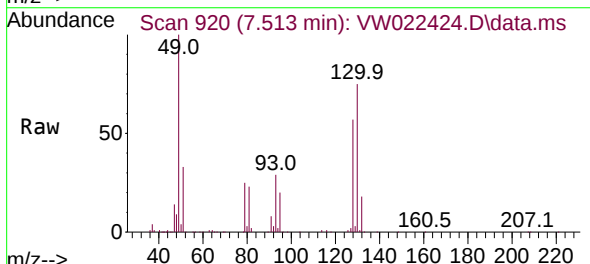
Instrument :
MSVOA_W
ClientSampleId :

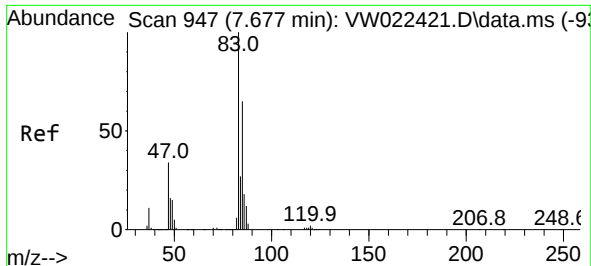
Tgt Ion: 43 Resp: 63588
Ion Ratio Lower Upper
43 100
72 28.7 14.0 42.0



#23
Bromochloromethane
Concen: 26.207 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

Tgt Ion: 128 Resp: 58684
Ion Ratio Lower Upper
128 100
49 175.6 120.8 224.3
130 131.9 81.8 151.8
51 57.3 40.5 60.7





#25

Chloroform

Concen: 26.007 ug/L

RT: 7.677 min Scan# 947

Delta R.T. -0.000 min

Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

Instrument :

MSVOA_W

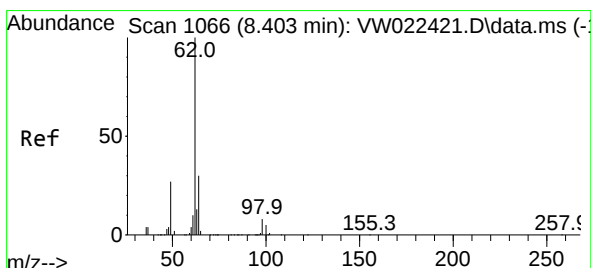
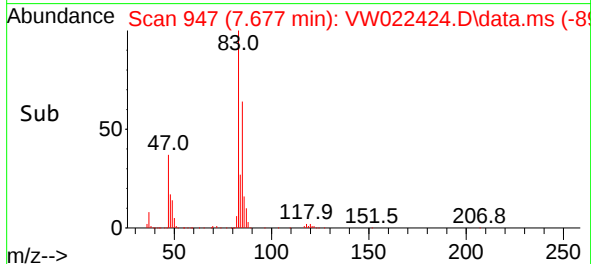
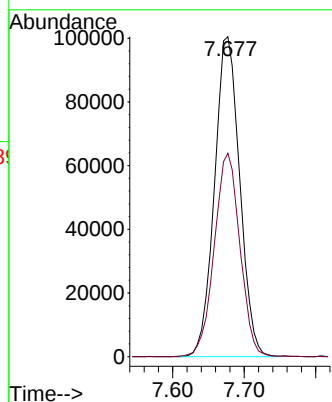
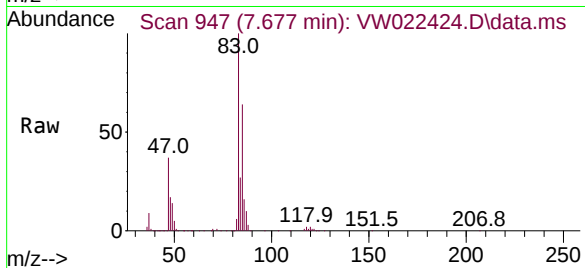
ClientSampleId :

Tgt Ion: 83 Resp: 246219

Ion Ratio Lower Upper

83 100

85 63.6 45.8 85.0



#27

1,2-Dichloroethane

Concen: 26.545 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW022424.D

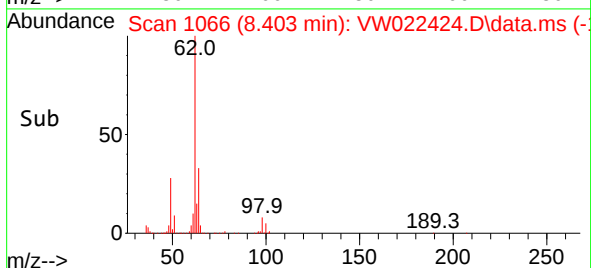
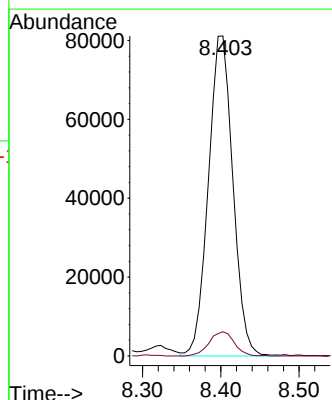
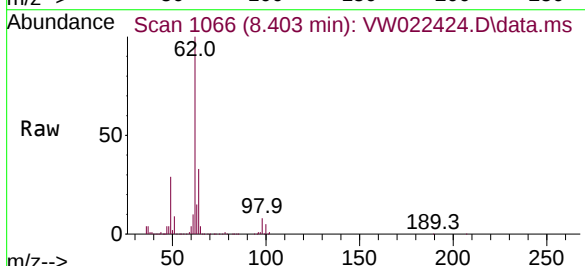
Acq: 07 Apr 2022 11:12

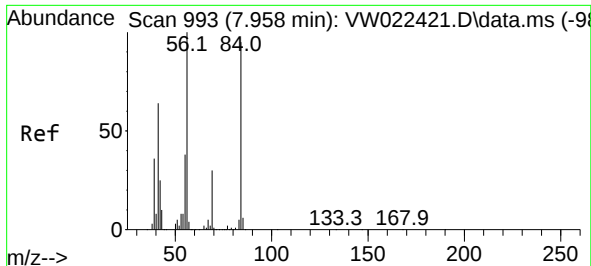
Tgt Ion: 62 Resp: 176638

Ion Ratio Lower Upper

62 100

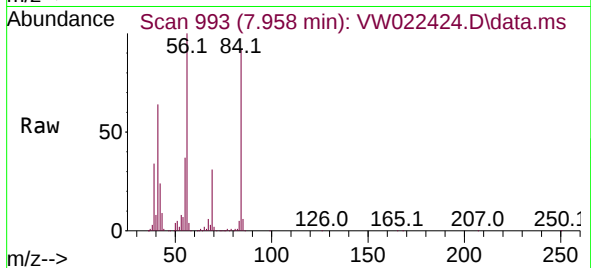
98 7.6 6.2 9.2



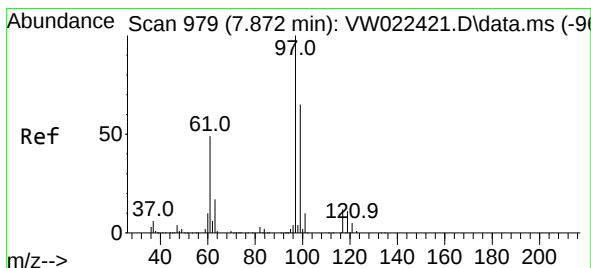
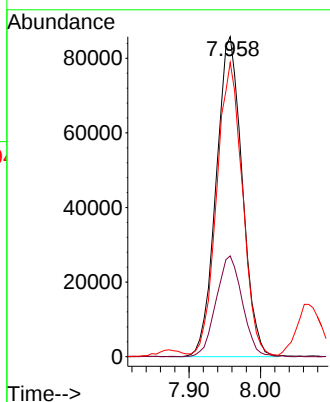
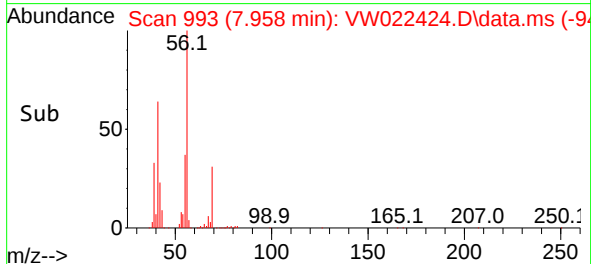


#29
Cyclohexane
Concen: 23.935 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

Instrument :
MSVOA_W
ClientSampleId :

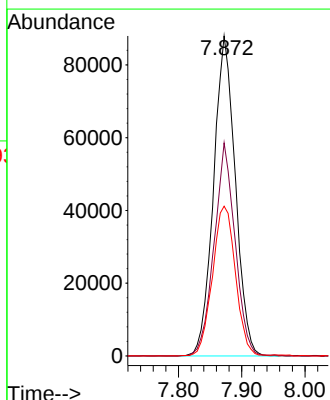
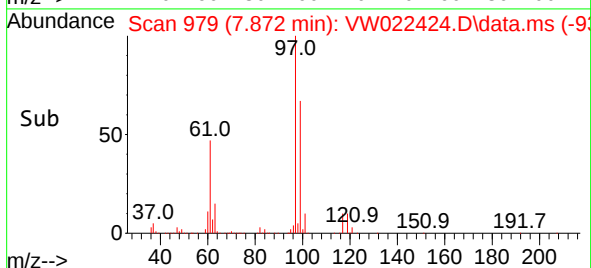
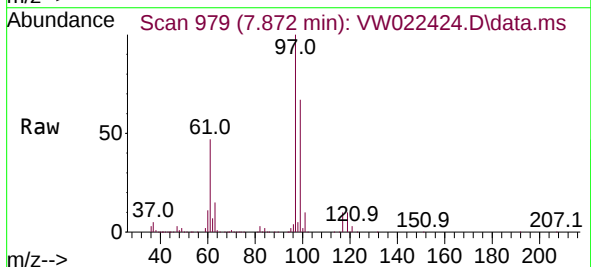


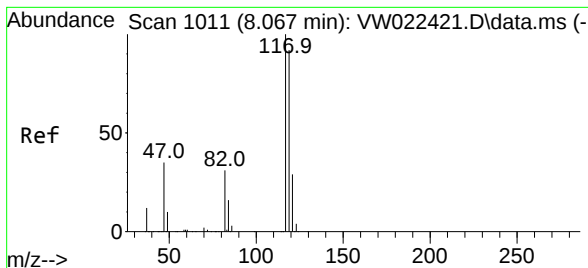
Tgt Ion: 56 Resp: 217025
Ion Ratio Lower Upper
56 100
69 31.6 24.4 36.6
84 91.0 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 23.882 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

Tgt Ion: 97 Resp: 209875
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 49.4 38.7 58.1





#31

Carbon tetrachloride

Concen: 24.185 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

Instrument :

MSVOA_W

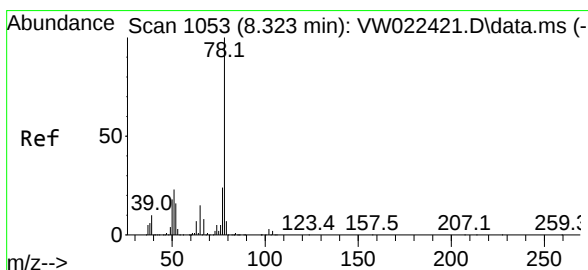
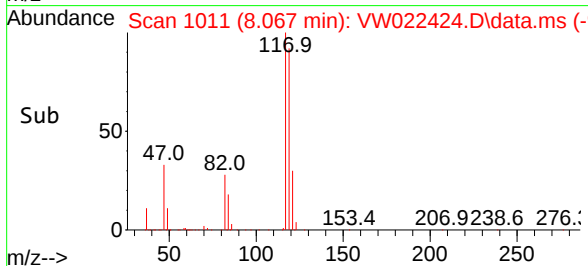
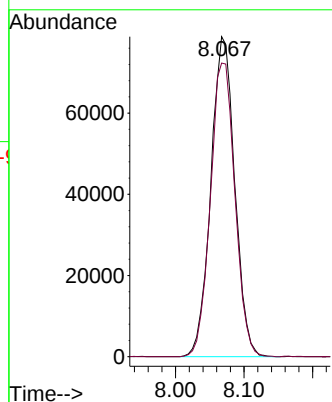
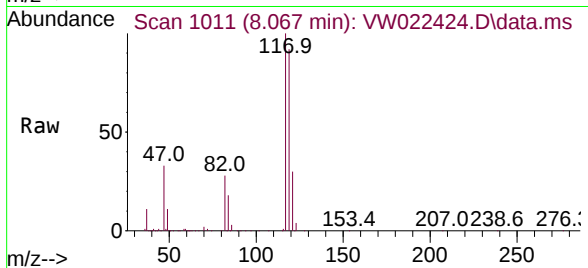
ClientSampleId :

Tgt Ion:117 Resp: 190760

Ion Ratio Lower Upper

117 100

119 94.2 75.5 113.3



#33

Benzene

Concen: 24.613 ug/L

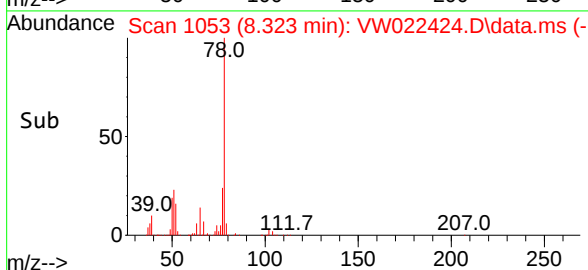
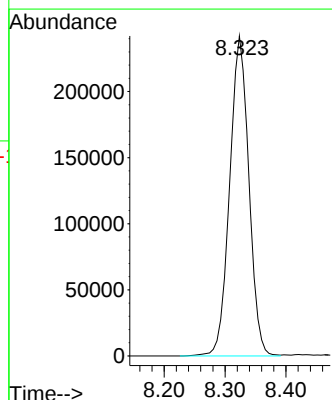
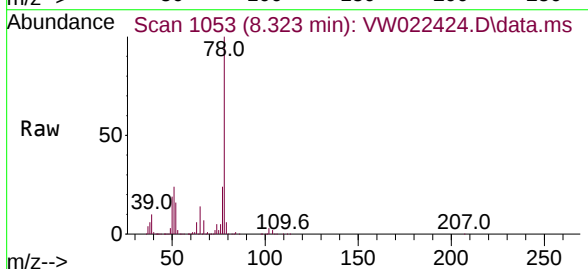
RT: 8.323 min Scan# 1053

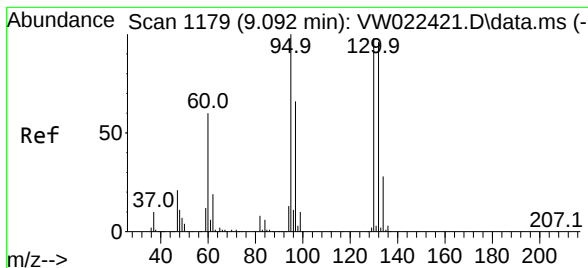
Delta R.T. -0.000 min

Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

Tgt Ion: 78 Resp: 529408





#34

Trichloroethene

Concen: 24.222 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

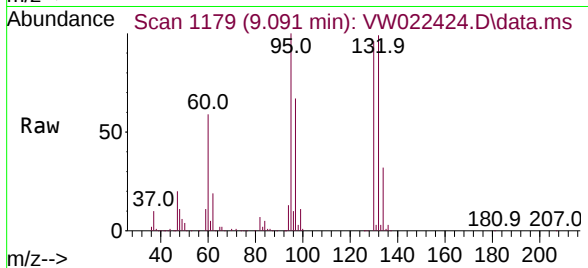
Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 139498

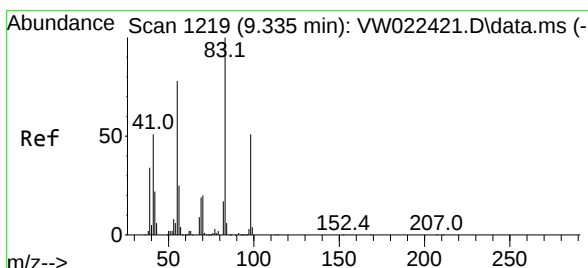
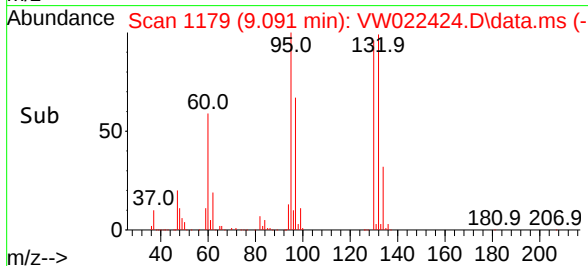
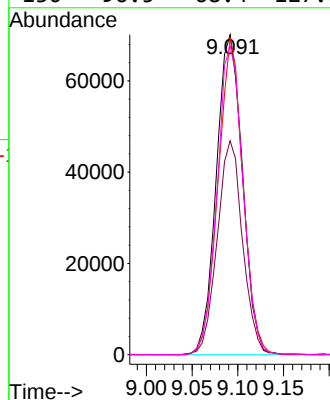
Ion Ratio Lower Upper

95 100

97 66.9 46.4 86.2

132 98.9 67.4 125.2

130 96.5 68.4 127.0



#35

Methylcyclohexane

Concen: 23.523 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

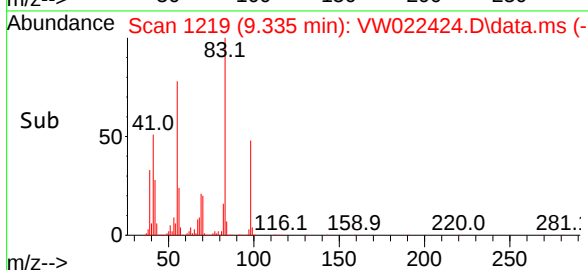
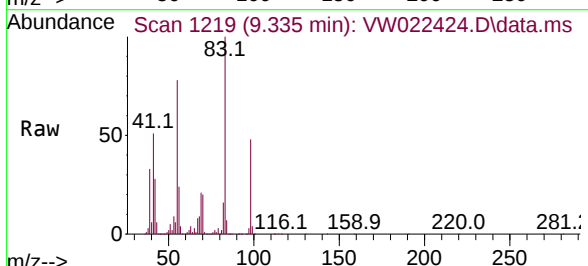
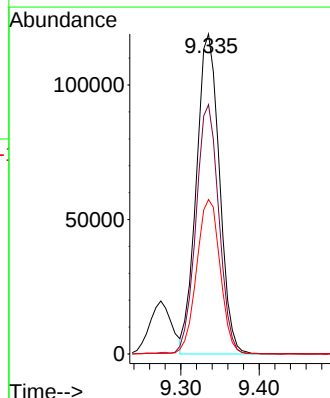
Tgt Ion: 83 Resp: 243061

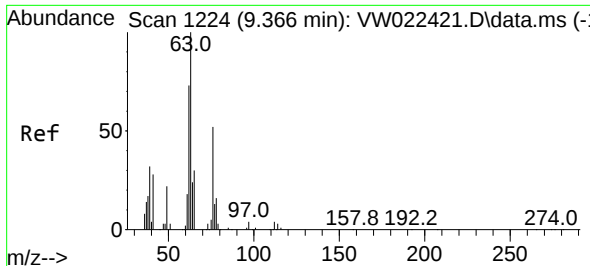
Ion Ratio Lower Upper

83 100

55 77.4 61.0 91.6

98 49.4 39.2 58.8





#37

1,2-Dichloropropane

Concen: 25.229 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

Instrument :

MSVOA_W

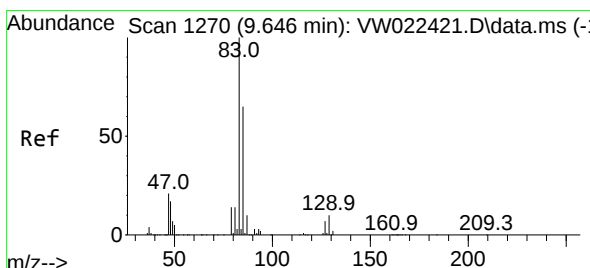
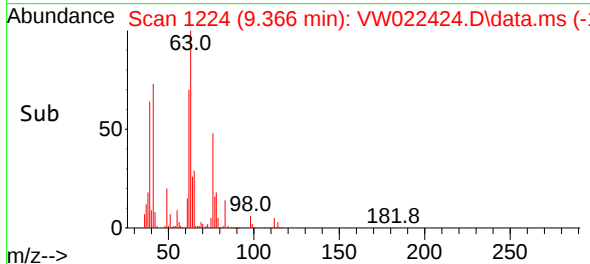
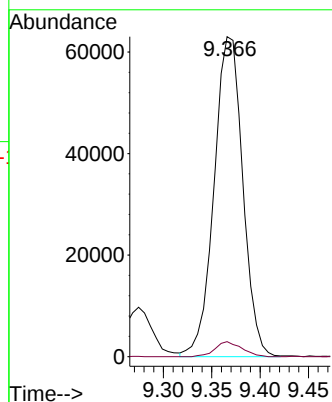
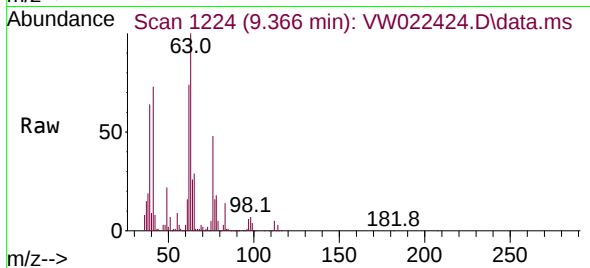
ClientSampleId :

Tgt Ion: 63 Resp: 130000

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.6



#38

Bromodichloromethane

Concen: 24.912 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

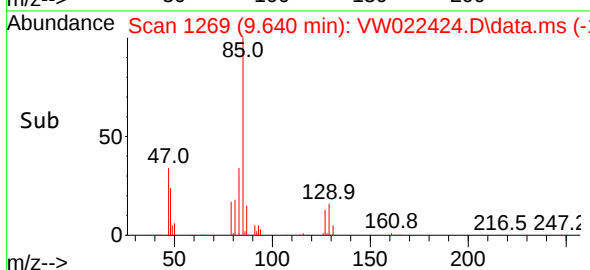
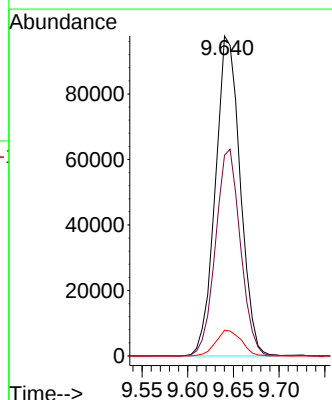
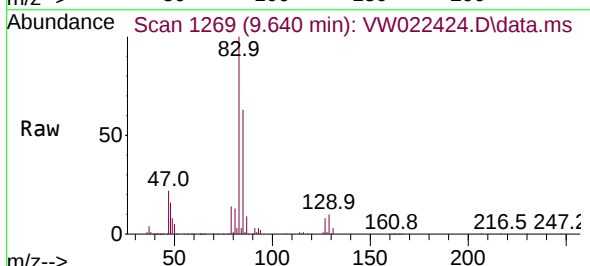
Tgt Ion: 83 Resp: 184602

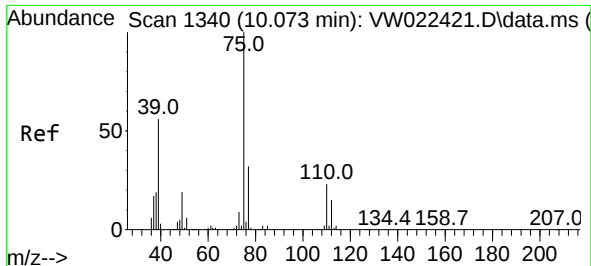
Ion Ratio Lower Upper

83 100

85 62.7 45.2 84.0

127 8.1 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 26.108 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

Instrument :

MSVOA_W

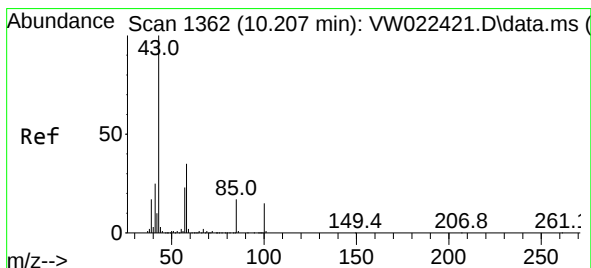
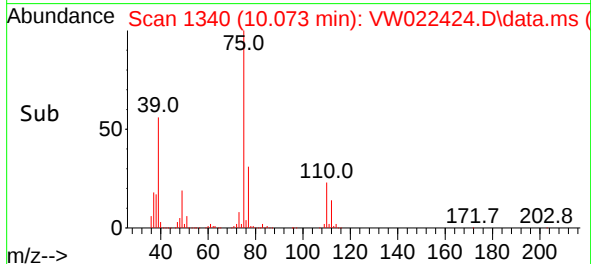
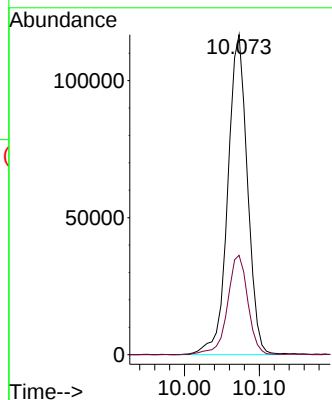
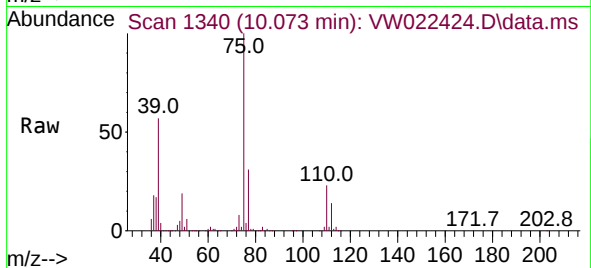
ClientSampleId :

Tgt Ion: 75 Resp: 213478

Ion Ratio Lower Upper

75 100

77 31.1 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 51.037 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

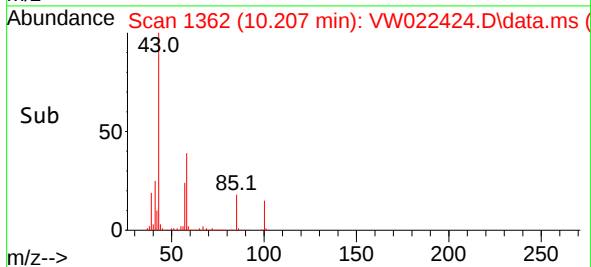
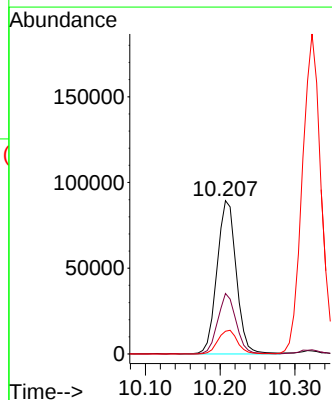
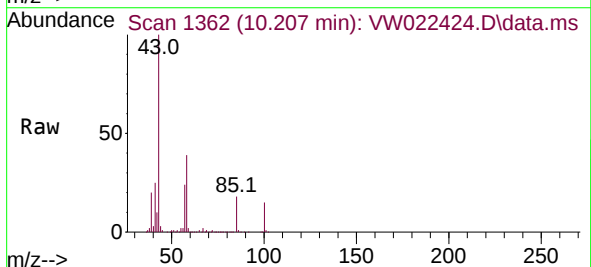
Tgt Ion: 43 Resp: 160495

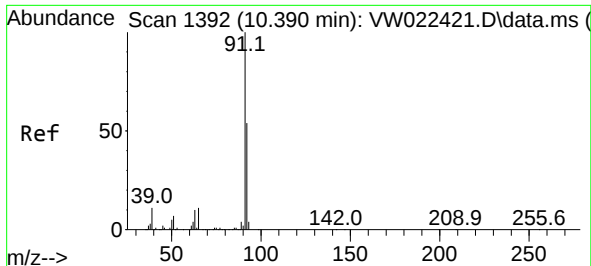
Ion Ratio Lower Upper

43 100

58 37.6 29.3 43.9

100 15.8 12.2 18.4

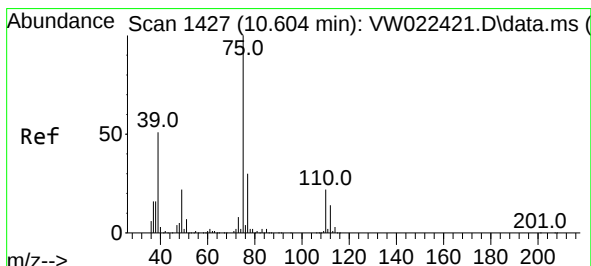
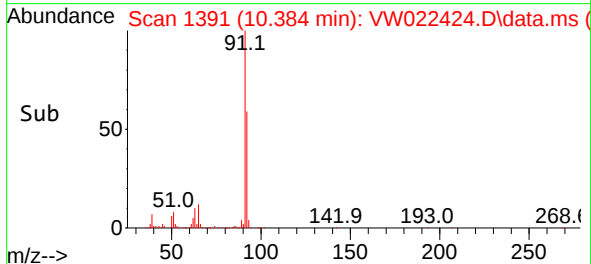
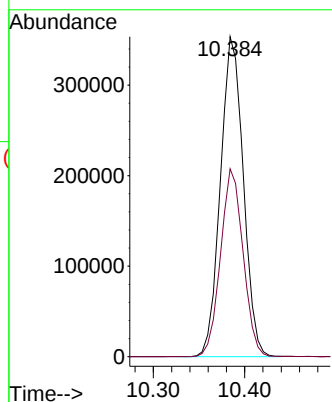
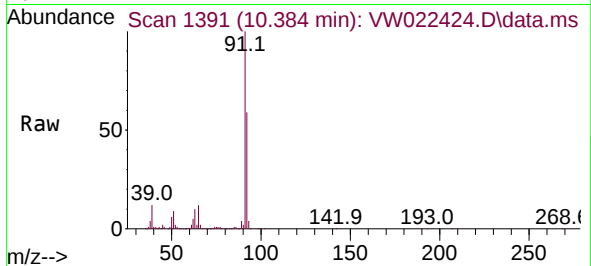




#42
Toluene
Concen: 24.955 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

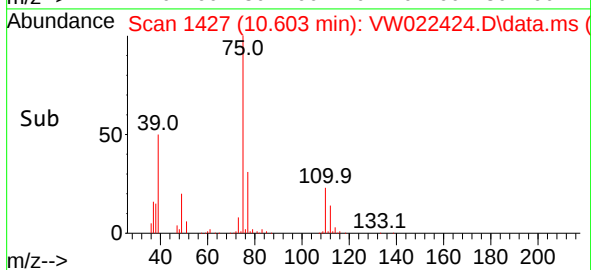
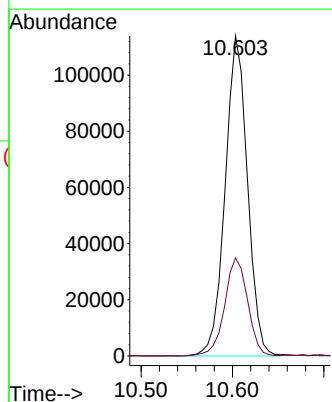
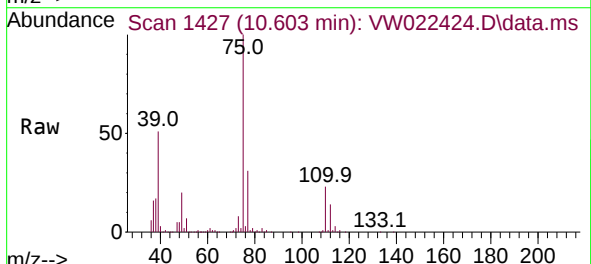
Instrument :
MSVOA_W
ClientSampleId :

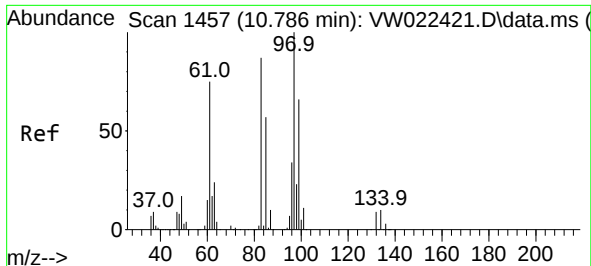
Tgt Ion: 91 Resp: 615078
Ion Ratio Lower Upper
91 100
92 58.7 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 26.406 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

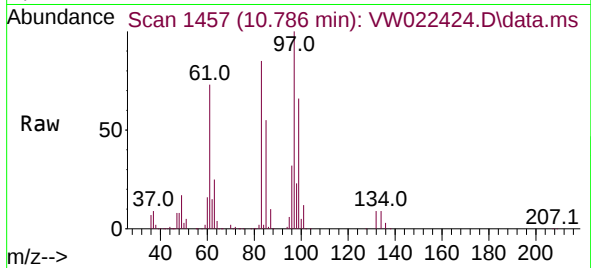
Tgt Ion: 75 Resp: 193328
Ion Ratio Lower Upper
75 100
77 30.7 21.3 39.6



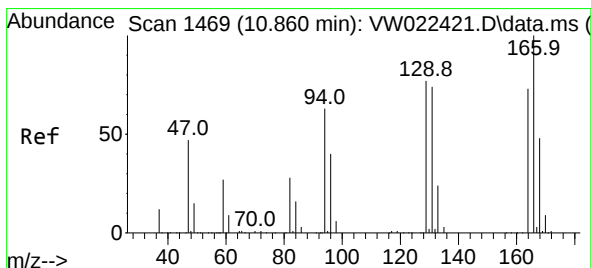
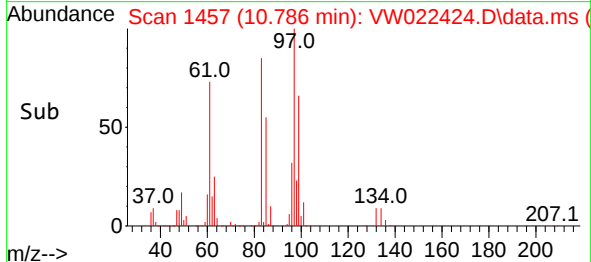
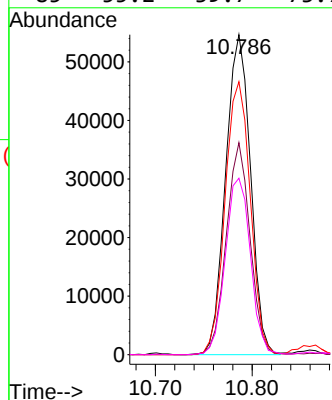


#45
1,1,2-Trichloroethane
Concen: 24.802 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

Instrument :
MSVOA_W
ClientSampleId :

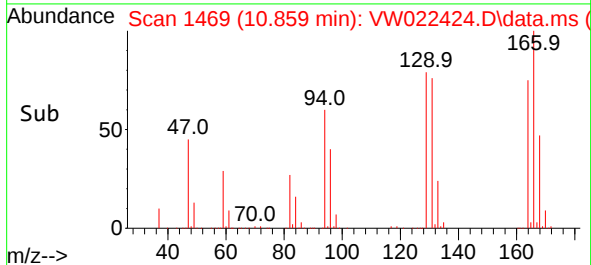
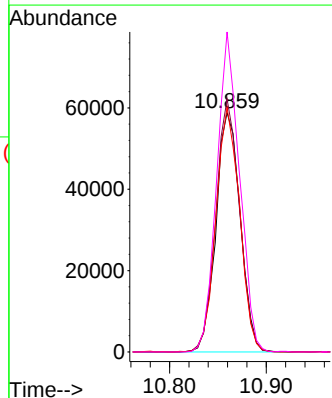
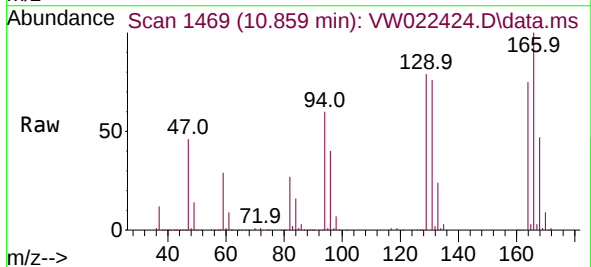


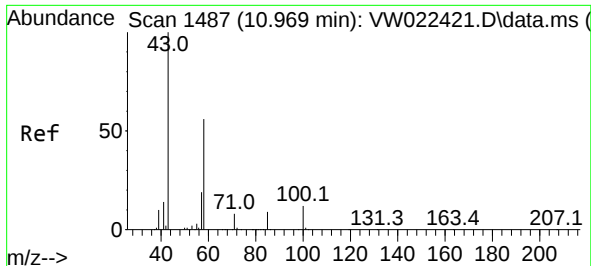
Tgt Ion:	97	Resp:	97537
Ion	Ratio	Lower	Upper
97	100		
99	66.2	46.0	85.4
83	85.3	60.6	112.6
85	55.2	39.7	73.7



#46
Tetrachloroethene
Concen: 24.227 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

Tgt Ion:	164	Resp:	102562
Ion	Ratio	Lower	Upper
164	100		
129	105.8	74.1	137.7
131	102.2	71.4	132.6
166	133.8	95.9	178.1

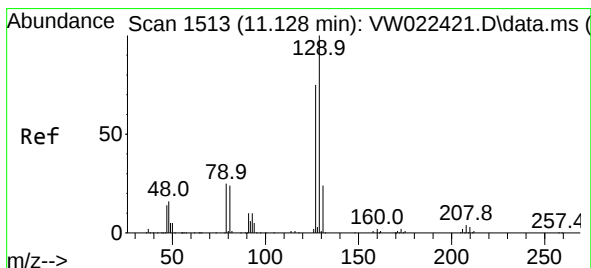
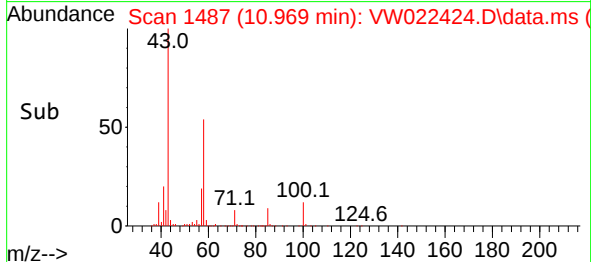
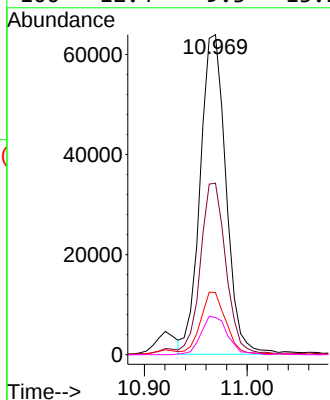
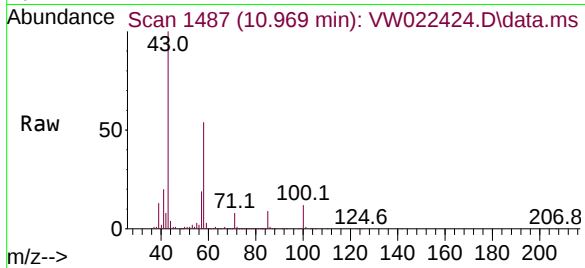




#48
2-Hexanone
Concen: 50.363 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

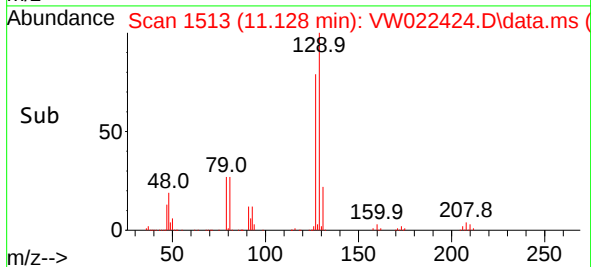
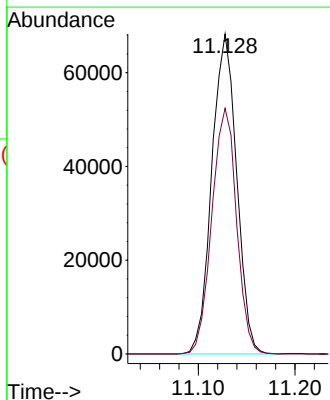
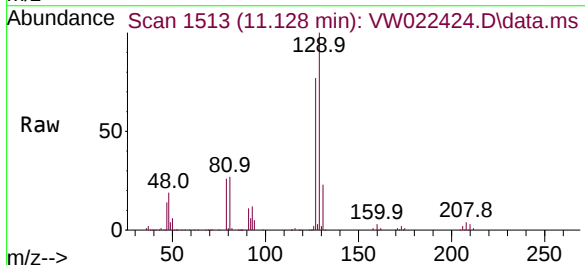
Instrument :
MSVOA_W
ClientSampleId :

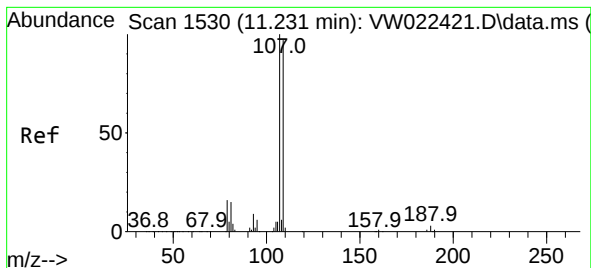
Tgt Ion: 43	Resp: 111731
Ion Ratio	Lower Upper
43 100	
58 53.2	41.6 62.4
57 18.5	14.5 21.7
100 12.4	9.3 13.9



#49
Dibromochloromethane
Concen: 25.966 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

Tgt Ion:129	Resp: 121786		
Ion Ratio	Lower	Upper	
129 100			
127 76.8	52.6	97.6	

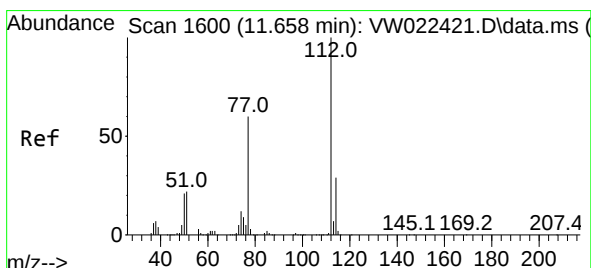
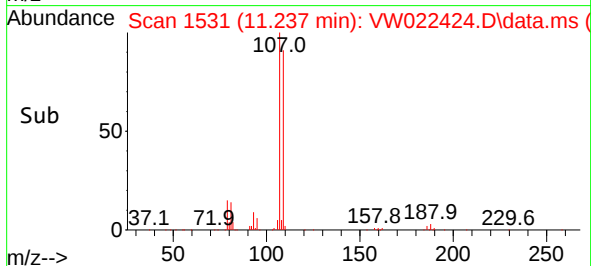
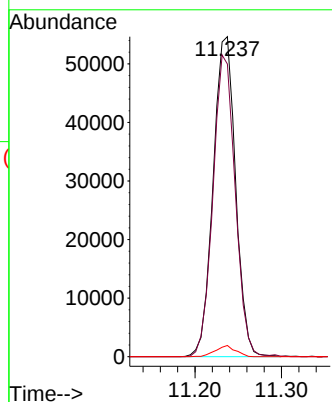
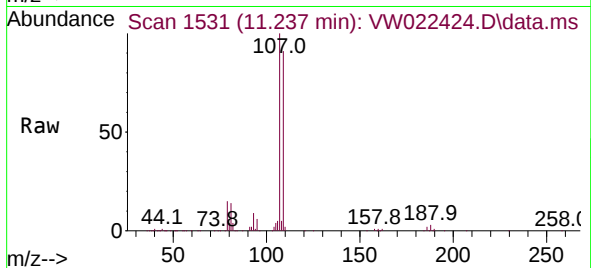




#50
1,2-Dibromoethane
Concen: 25.348 ug/L
RT: 11.237 min Scan# 1530
Delta R.T. 0.006 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

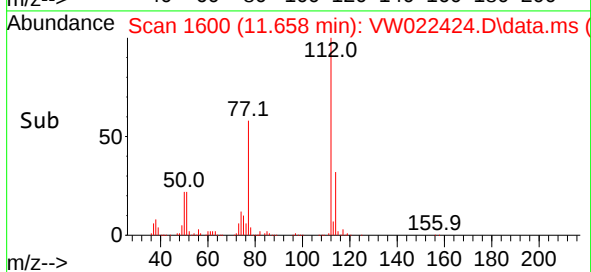
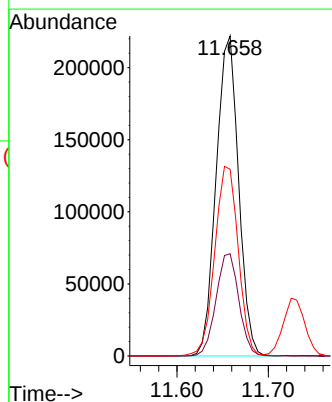
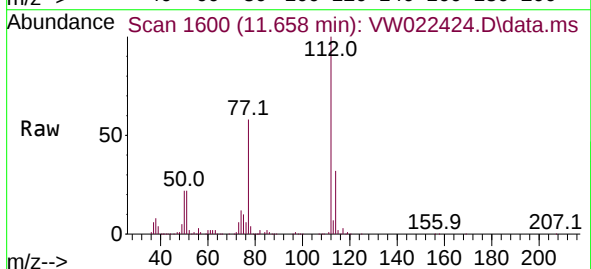
Instrument :
MSVOA_W
ClientSampleId :

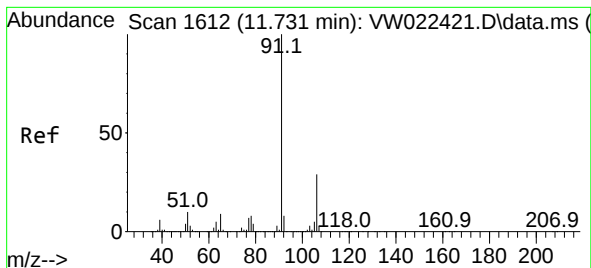
Tgt Ion:107 Resp: 98434
Ion Ratio Lower Upper
107 100
109 91.5 68.2 126.6
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 25.149 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

Tgt Ion:112 Resp: 378789
Ion Ratio Lower Upper
112 100
114 32.0 20.5 38.1
77 58.3 48.1 72.1

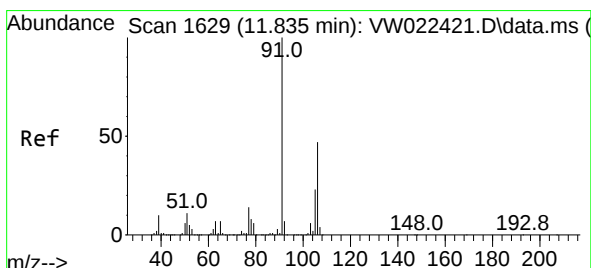
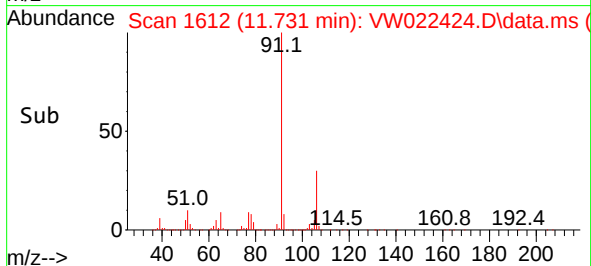
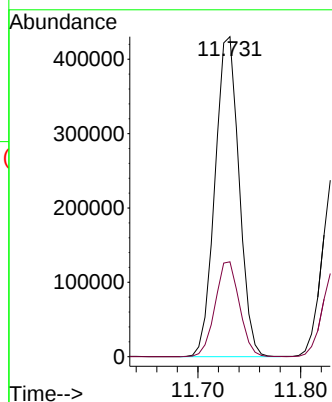
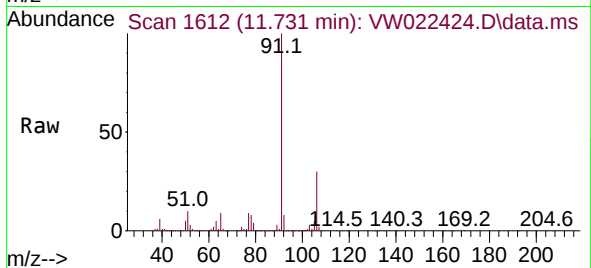




#52
Ethylbenzene
Concen: 25.344 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

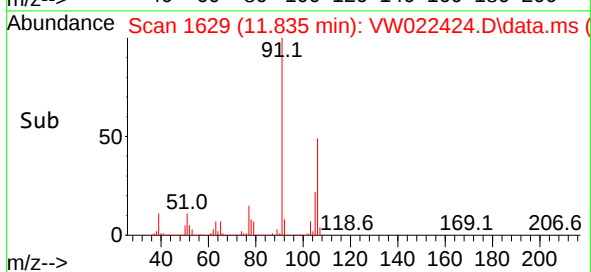
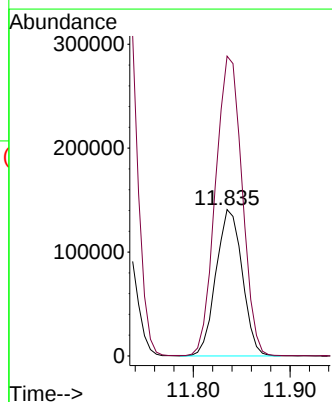
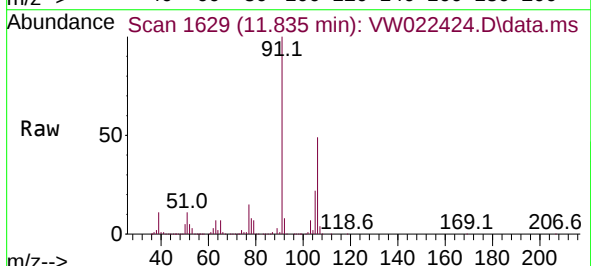
Instrument :
MSVOA_W
ClientSampleId :

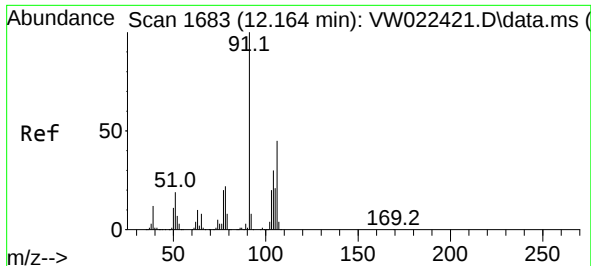
Tgt Ion: 91 Resp: 700171
Ion Ratio Lower Upper
91 100
106 29.6 20.5 38.1



#53
m,p-Xylene
Concen: 25.261 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

Tgt Ion:106 Resp: 265349
Ion Ratio Lower Upper
106 100
91 204.8 149.9 278.5

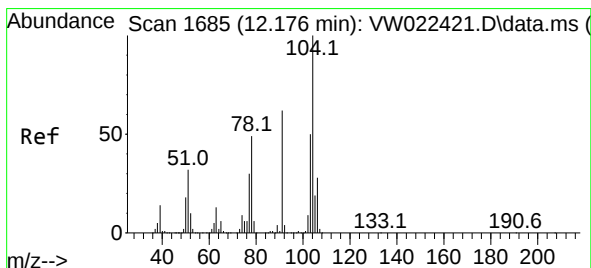
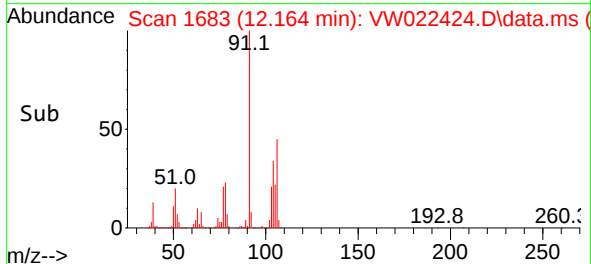
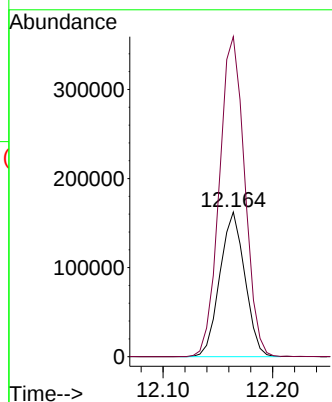
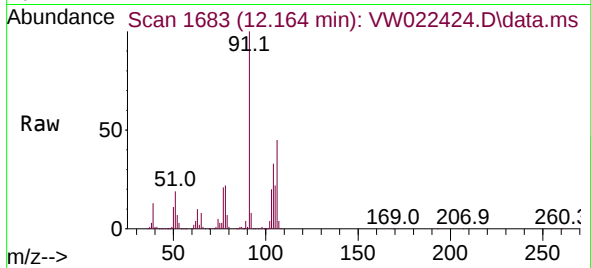




#54
o-Xylene
Concen: 25.626 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

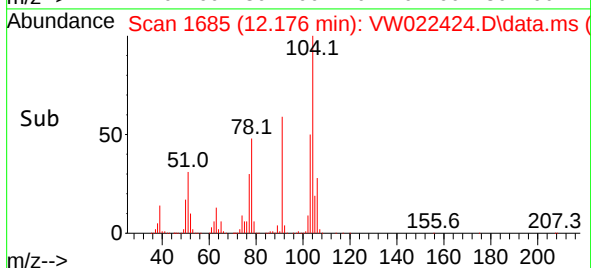
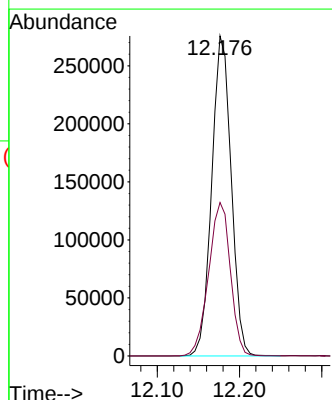
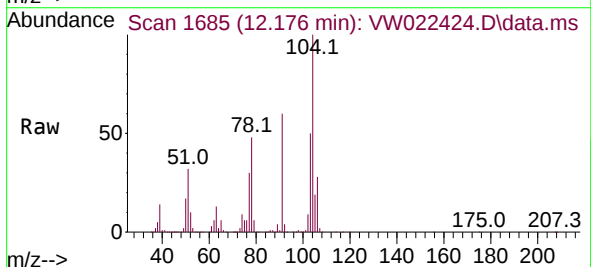
Instrument :
MSVOA_W
ClientSampleId :

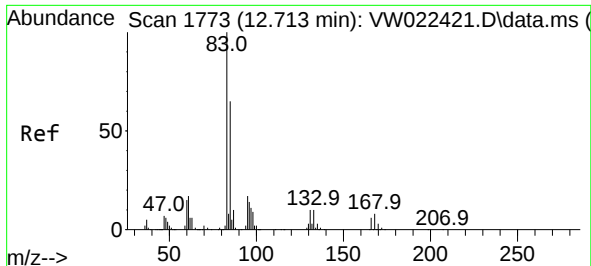
Tgt Ion:106 Resp: 257242
Ion Ratio Lower Upper
106 100
91 221.3 155.3 288.3



#55
Styrene
Concen: 26.475 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

Tgt Ion:104 Resp: 454055
Ion Ratio Lower Upper
104 100
78 47.9 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.844 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

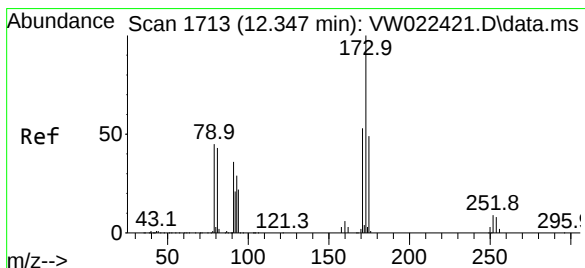
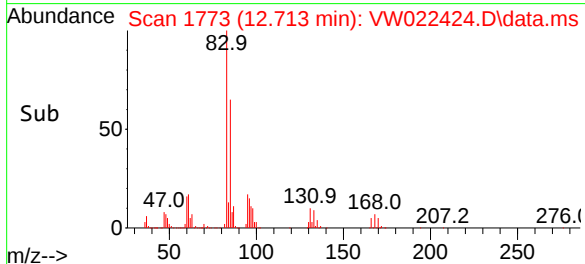
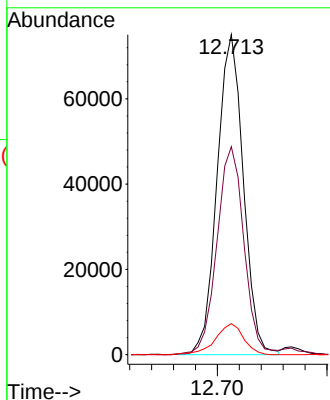
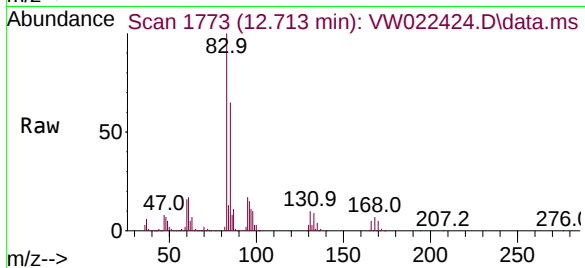
Tgt Ion: 83 Resp: 124745

Ion Ratio Lower Upper

83 100

85 65.0 45.5 84.5

131 9.7 7.8 11.8



#59

Bromoform

Concen: 24.675 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

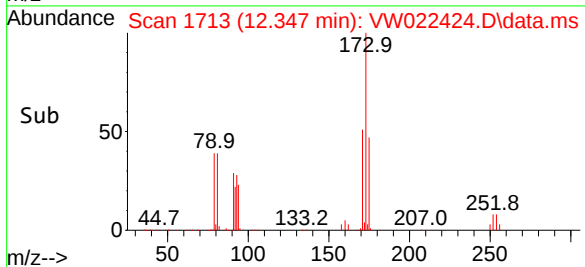
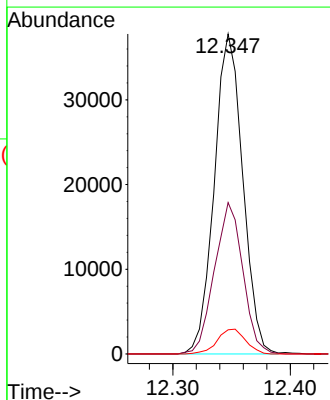
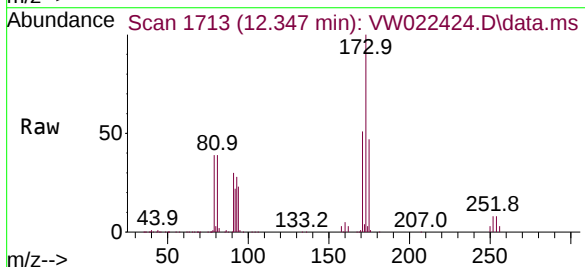
Tgt Ion: 173 Resp: 63601

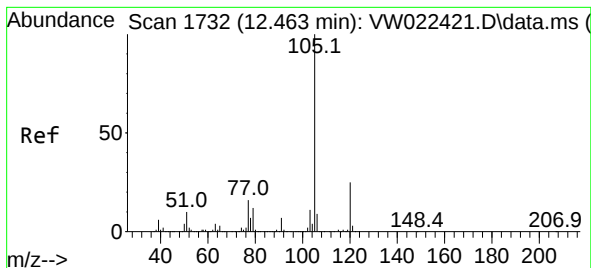
Ion Ratio Lower Upper

173 100

175 47.1 39.2 58.8

254 7.7 6.6 9.8





#60

Isopropylbenzene

Concen: 25.016 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

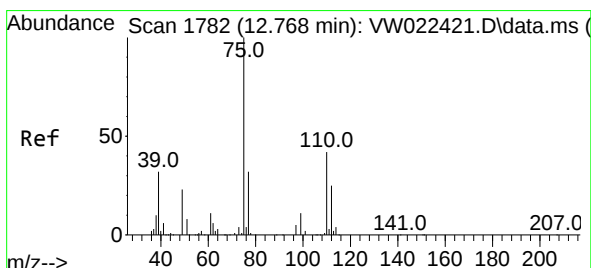
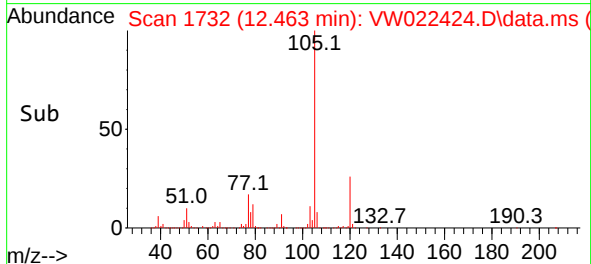
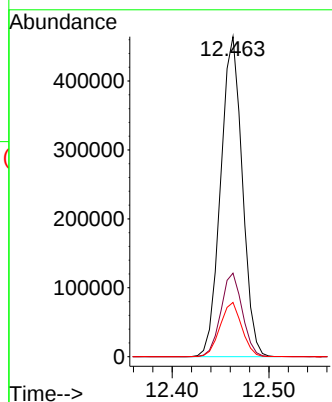
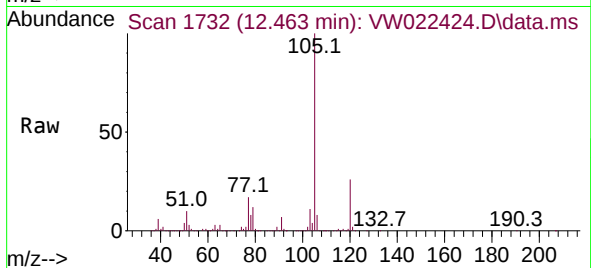
Tgt Ion:105 Resp: 720816

Ion Ratio Lower Upper

105 100

120 25.9 20.9 31.3

77 16.9 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 25.515 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

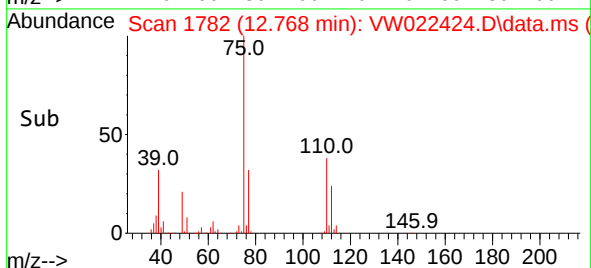
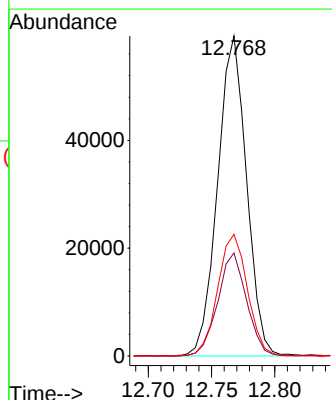
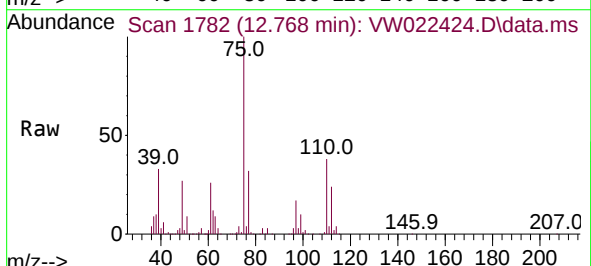
Tgt Ion: 75 Resp: 94146

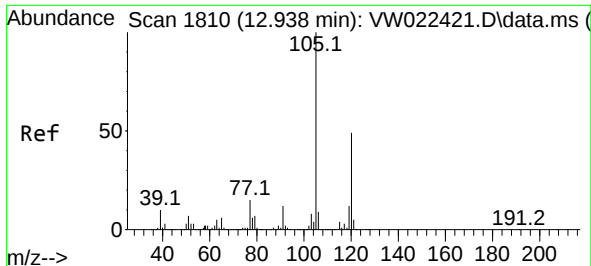
Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

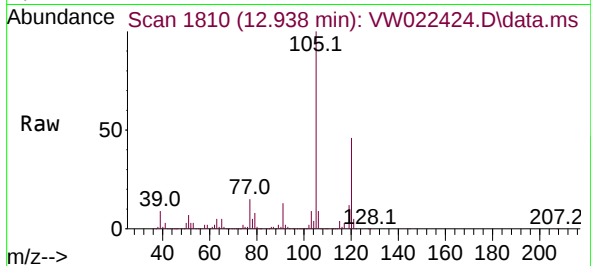
110 39.1 31.8 47.6



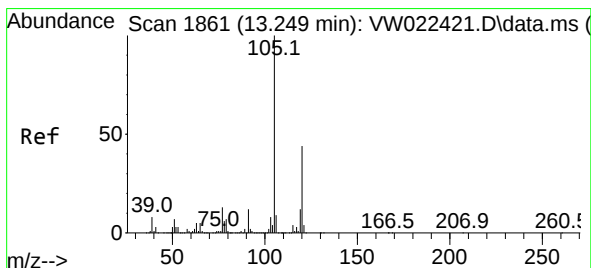
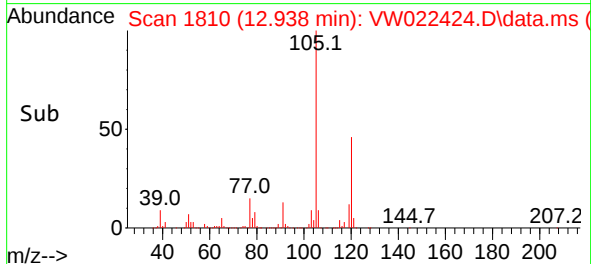
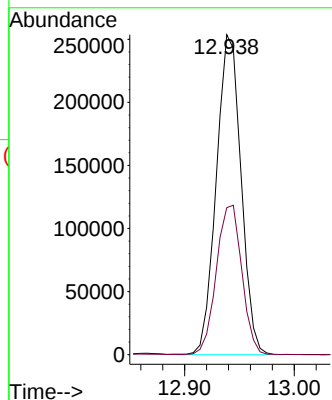


#62
1,3,5-Trimethylbenzene
Concen: 25.119 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

Instrument :
MSVOA_W
ClientSampleId :

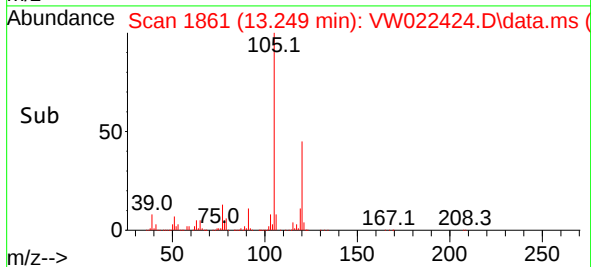
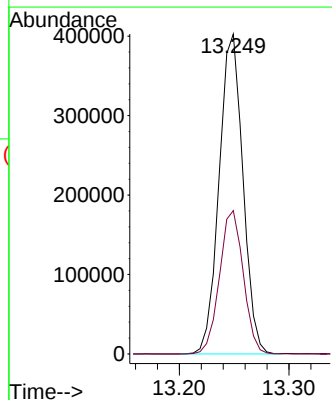
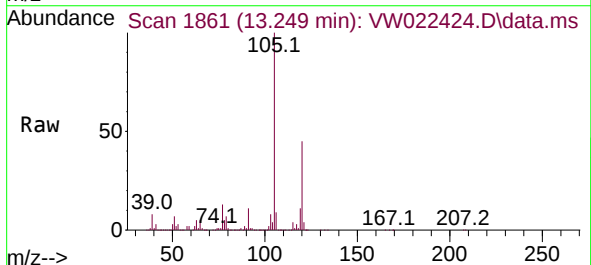


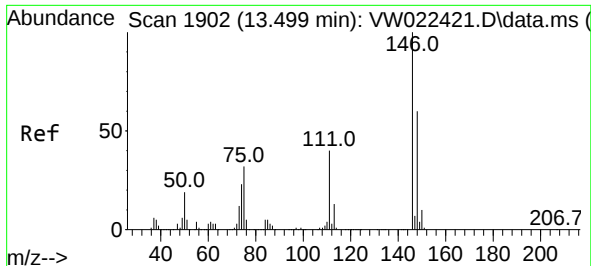
Tgt Ion:105 Resp: 398047
Ion Ratio Lower Upper
105 100
120 48.1 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 25.196 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

Tgt Ion:105 Resp: 607171
Ion Ratio Lower Upper
105 100
120 44.8 34.2 51.2

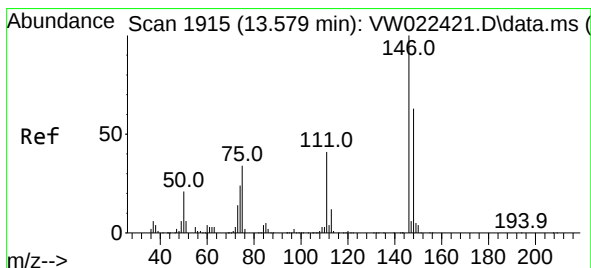
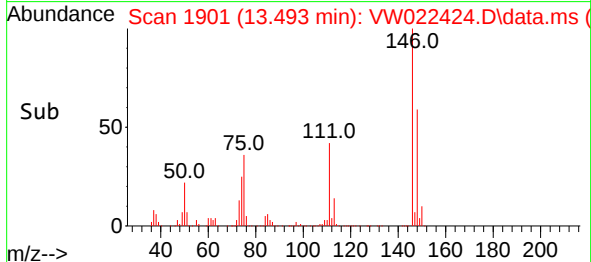
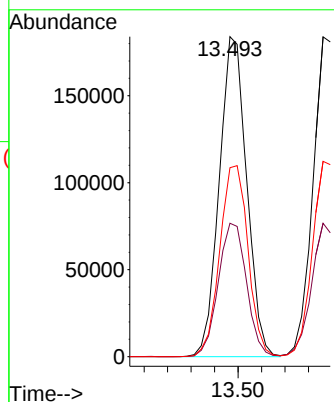
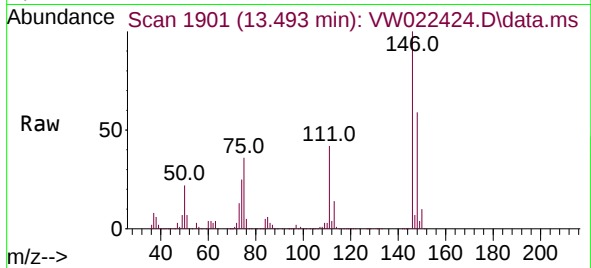




#64
1,3-Dichlorobenzene
Concen: 25.534 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

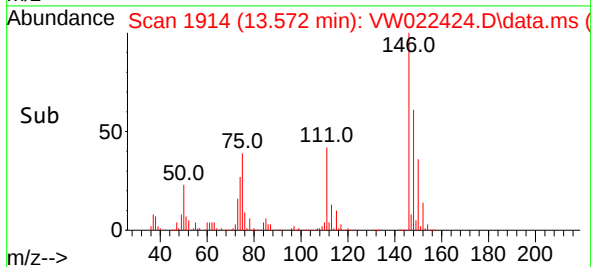
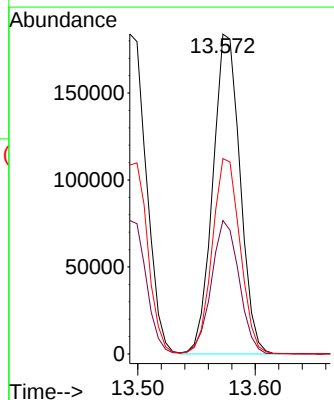
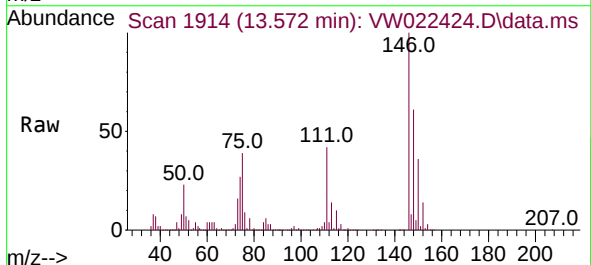
Instrument :
MSVOA_W
ClientSampleId :

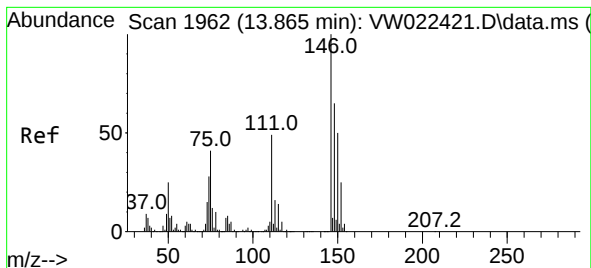
Tgt Ion:146 Resp: 298601
Ion Ratio Lower Upper
146 100
111 41.7 28.2 52.4
148 59.1 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 25.427 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022424.D
Acq: 07 Apr 2022 11:12

Tgt Ion:146 Resp: 296547
Ion Ratio Lower Upper
146 100
111 41.8 28.5 52.9
148 61.1 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 25.664 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

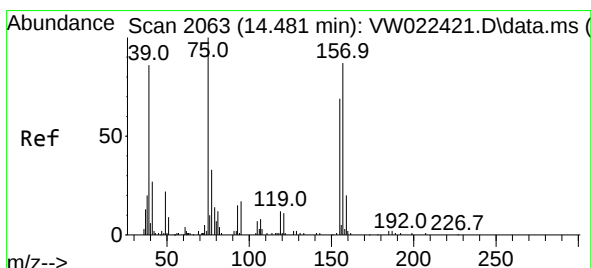
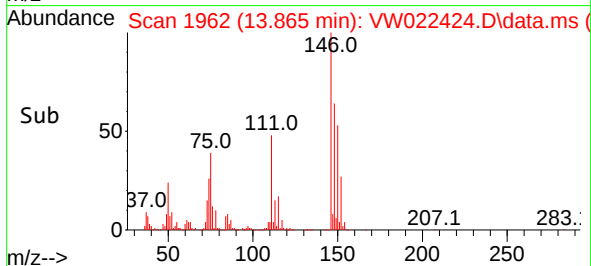
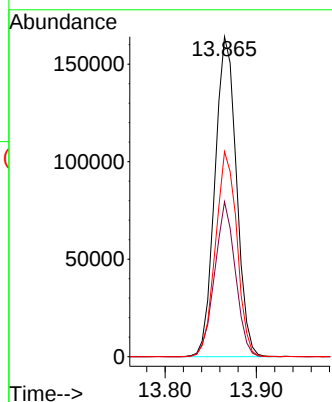
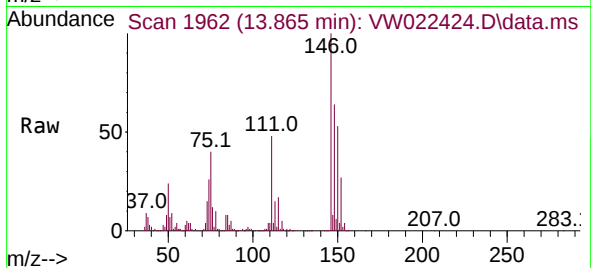
Tgt Ion:146 Resp: 268400

Ion Ratio Lower Upper

146 100

111 48.4 39.0 58.4

148 64.1 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 24.074 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

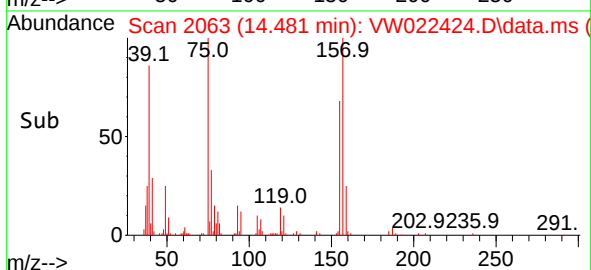
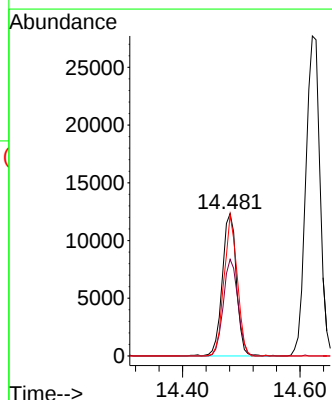
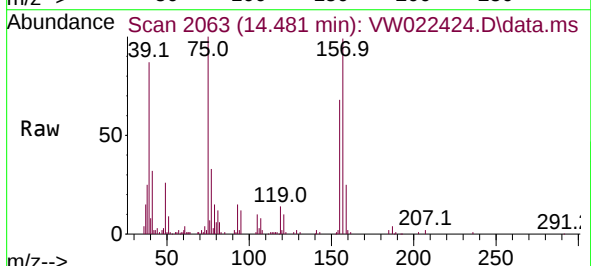
Tgt Ion: 75 Resp: 20602

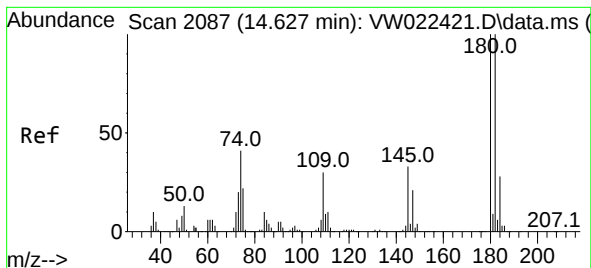
Ion Ratio Lower Upper

75 100

155 67.9 55.6 83.4

157 99.2 69.8 104.6





#69

1,3,5-Trichlorobenzene

Concen: 25.164 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

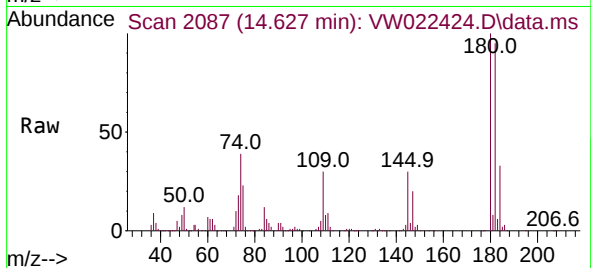
Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 192002

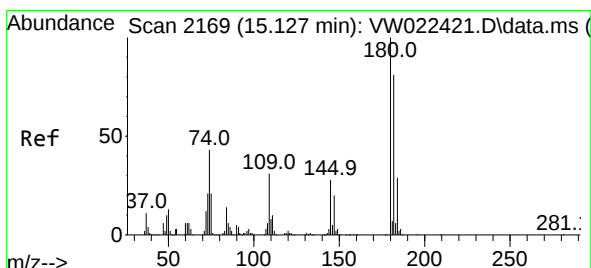
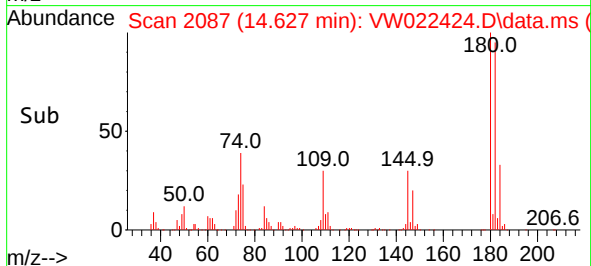
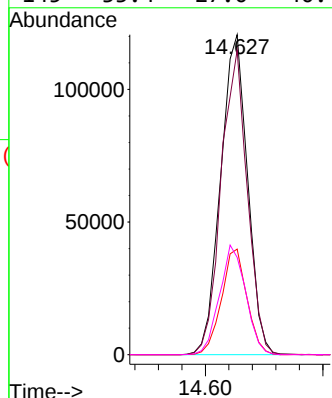
Ion Ratio Lower Upper

180 100

182 92.4 79.1 118.7

184 31.3 24.5 36.7

145 33.4 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 24.441 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

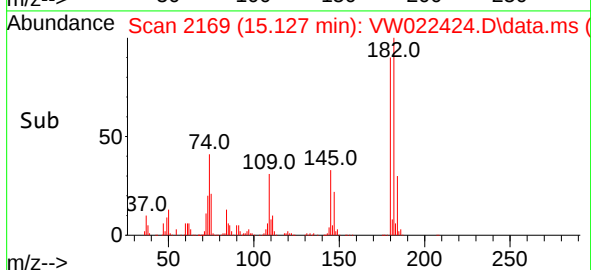
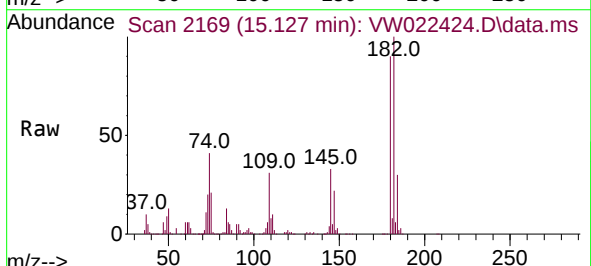
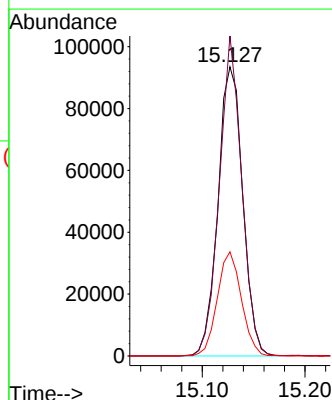
Tgt Ion:180 Resp: 156617

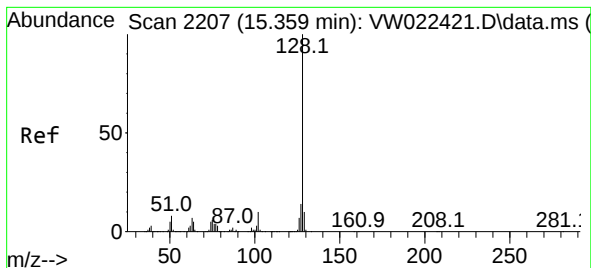
Ion Ratio Lower Upper

180 100

182 100.1 72.8 109.2

145 35.0 25.5 38.3





#71

Naphthalene

Concen: 25.881 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

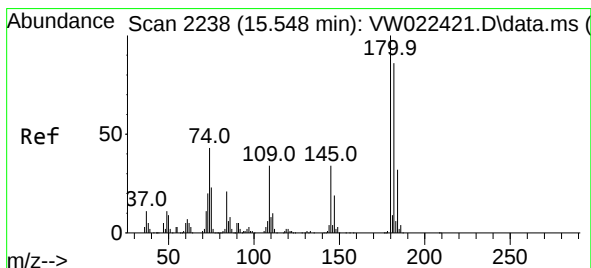
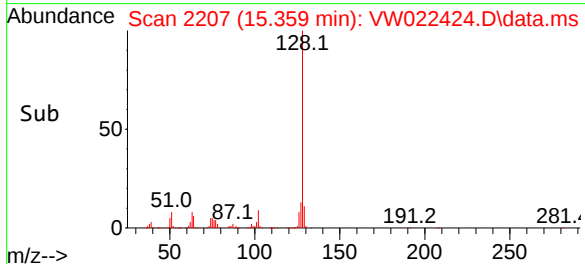
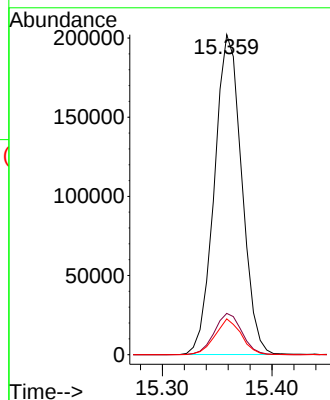
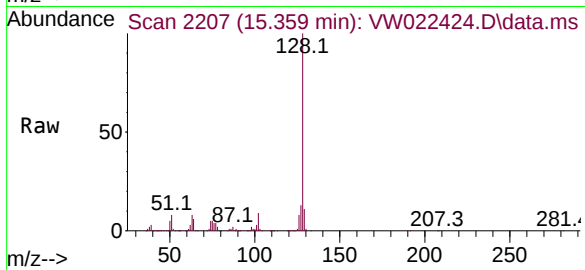
Tgt Ion:128 Resp: 349789

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.179 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW022424.D

Acq: 07 Apr 2022 11:12

Tgt Ion:180 Resp: 137911

Ion Ratio Lower Upper

180 100

182 96.9 73.4 110.0

145 36.5 27.0 40.6

