

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092122\
 Data File : VW024618.D
 Acq On : 21 Sep 2022 13:59
 Operator : SY/VA
 Sample : VSTD02541
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 22 01:34:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 22 01:32:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	385933	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	374886	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	209753	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	221760	25.183	ug/L	0.00
7) Chloroethane-d5	2.879	69	184718	24.898	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	240547	24.630	ug/L	0.00
21) 2-Butanone-d5	7.080	46	55271	46.746	ug/L	0.00
24) Chloroform-d	7.647	84	266383	24.271	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	142814	24.051	ug/L	0.00
32) Benzene-d6	8.275	84	526311	25.040	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	144434	23.952	ug/L	0.00
41) Toluene-d8	10.323	98	519370	25.398	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	65652	24.383	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	48792	50.664	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	129940	24.709	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	183269	24.405	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	36713	20.935	ug/L	100
3) Chloromethane	2.209	50	175338	25.510	ug/L	100
5) Vinyl chloride	2.355	62	259823	26.818	ug/L	100
6) Bromomethane	2.769	94	223117	25.932	ug/L	100
8) Chloroethane	2.916	64	156227	26.104	ug/L	100
9) Trichlorofluoromethane	3.251	101	94314	24.886	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	135392	24.723	ug/L	100
12) 1,1-Dichloroethene	4.038	96	122535	25.310	ug/L	100
13) Acetone	4.141	43	39906	44.840	ug/L	100
14) Carbon disulfide	4.379	76	387423	25.683	ug/L	100
15) Methyl Acetate	4.678	43	50232	23.369	ug/L	99
16) Methylene chloride	4.909	84	145133	22.247	ug/L	100
17) trans-1,2-Dichloroethene	5.428	96	143252	27.454	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	232596	26.578	ug/L	100
19) 1,1-Dichloroethane	6.214	63	241477	26.119	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	152523	26.685	ug/L	100
22) 2-Butanone	7.177	43	65250	47.942	ug/L	100
23) Bromochloromethane	7.513	128	68961	25.399	ug/L	100
25) Chloroform	7.677	83	265262	26.044	ug/L	100
27) 1,2-Dichloroethane	8.403	62	177795	26.325	ug/L	100
29) Cyclohexane	7.951	56	230506	27.513	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	228383	26.228	ug/L	100
31) Carbon tetrachloride	8.067	117	213526	25.772	ug/L	100
33) Benzene	8.323	78	602704	26.990	ug/L	100
34) Trichloroethene	9.091	95	154578	25.544	ug/L	100
35) Methylcyclohexane	9.335	83	280679	27.798	ug/L	100
37) 1,2-Dichloropropane	9.366	63	140423	26.773	ug/L	100
38) Bromodichloromethane	9.646	83	193489	25.928	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	221604	27.089	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	162941	54.090	ug/L	100
42) Toluene	10.384	91	694565	27.705	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	199095	27.400	ug/L	100

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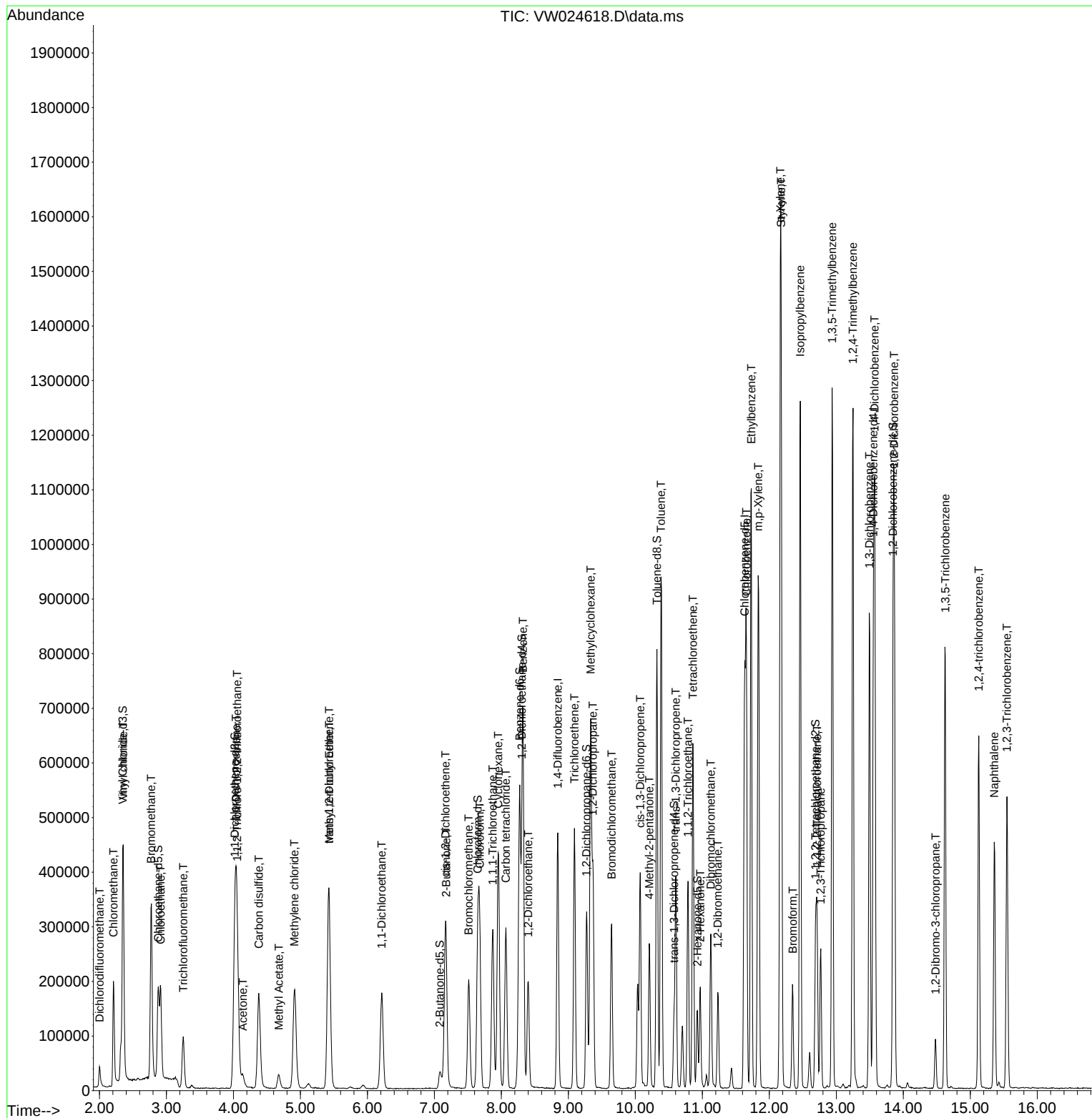
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	115867	26.545	ug/L	100
46) Tetrachloroethene	10.859	164	126332	26.532	ug/L	100
48) 2-Hexanone	10.969	43	113743	55.029	ug/L	100
49) Dibromochloromethane	11.128	129	142118	26.936	ug/L	100
50) 1,2-Dibromoethane	11.231	107	116184	27.280	ug/L	100
51) Chlorobenzene	11.658	112	442087	26.740	ug/L	100
52) Ethylbenzene	11.731	91	775835	28.174	ug/L	100
53) m,p-Xylene	11.835	106	311591	28.494	ug/L	100
54) o-Xylene	12.164	106	294235	28.682	ug/L	100
55) Styrene	12.176	104	505411	28.643	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	137149	26.265	ug/L	100
59) Bromoform	12.353	173	82523	26.935	ug/L	100
60) Isopropylbenzene	12.463	105	790177	26.844	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	98812	25.255	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	667479	27.911	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	670496	28.020	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	356233	26.835	ug/L	100
65) 1,4-Dichlorobenzene	13.572	146	351603	25.748	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	319711	26.082	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	21225	23.297	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	232648	26.660	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	190515	27.288	ug/L	100
71) Naphthalene	15.359	128	381956	27.364	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	165862	26.144	ug/L	100

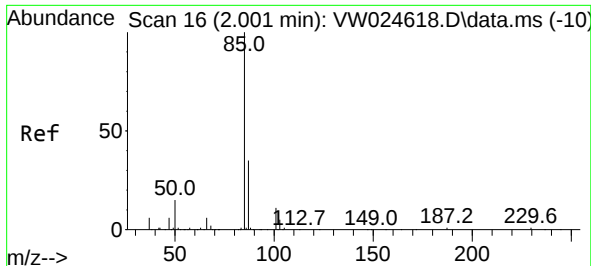
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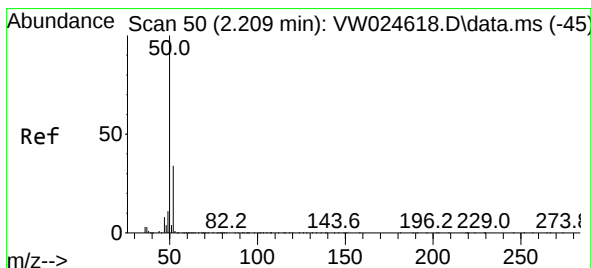
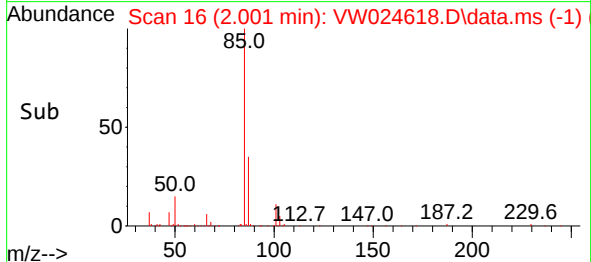
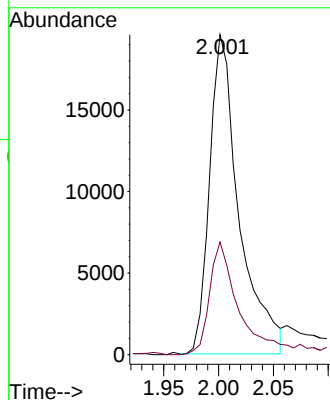
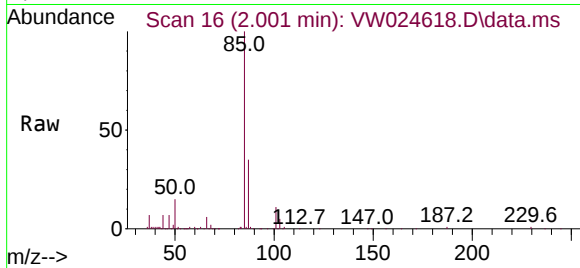




#2
Dichlorodifluoromethane
Concen: 20.935 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

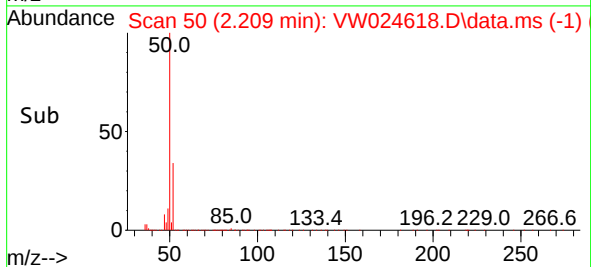
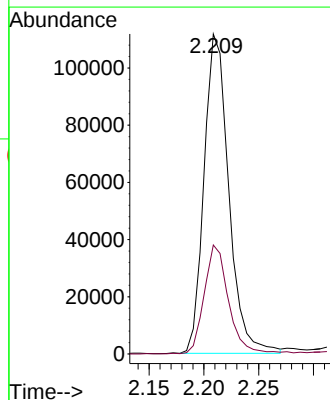
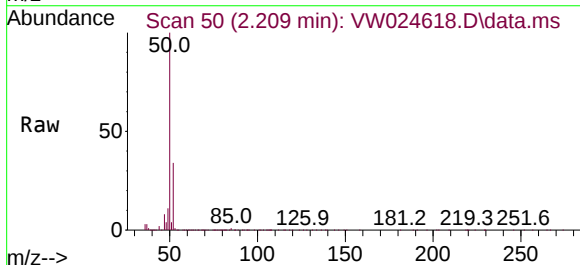
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MSVOA_W
ClientSampleId :

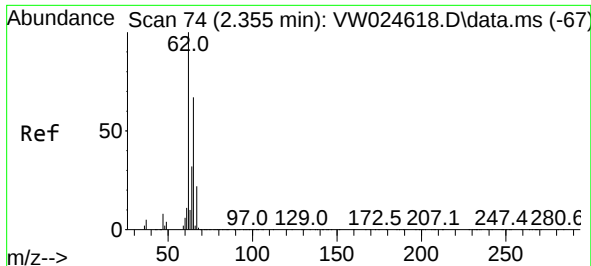
Tgt Ion: 85 Resp: 36713
Ion Ratio Lower Upper
85 100
87 34.9 27.9 41.9



#3
Chloromethane
Concen: 25.510 ug/L
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

Tgt Ion: 50 Resp: 175338
Ion Ratio Lower Upper
50 100
52 34.1 23.9 44.3

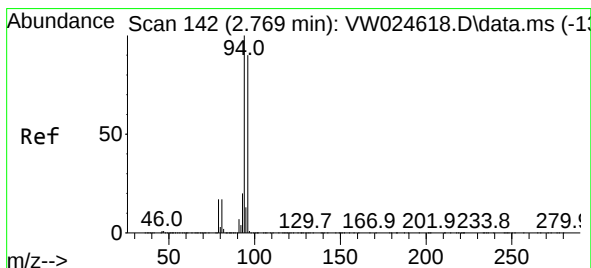
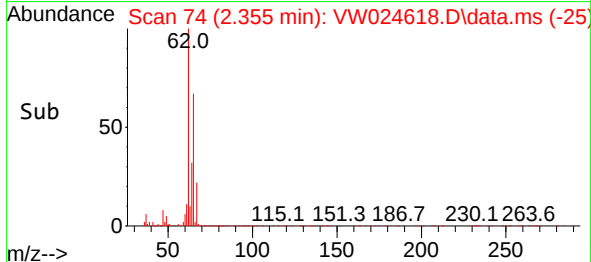
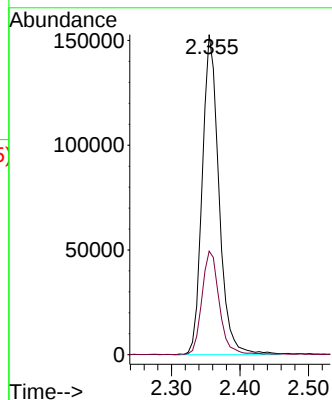
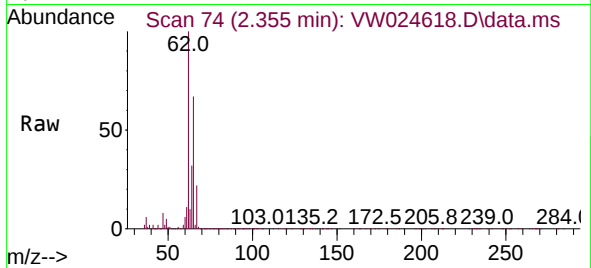




#5
 Vinyl chloride
 Concen: 26.818 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW024618.D
 Acq: 21 Sep 2022 13:59

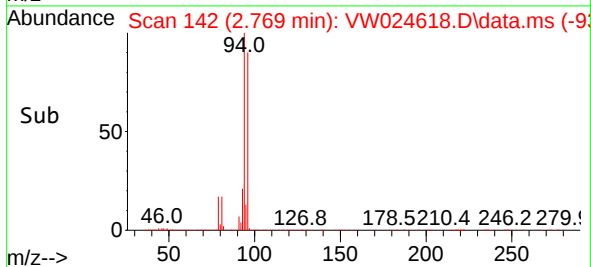
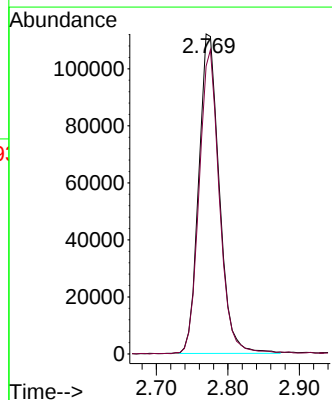
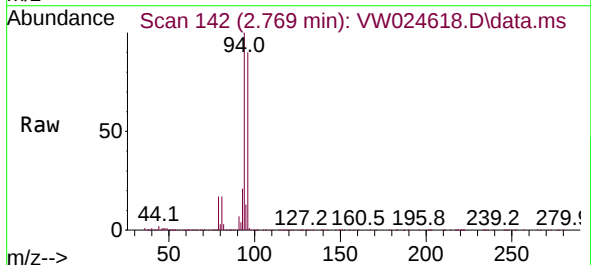
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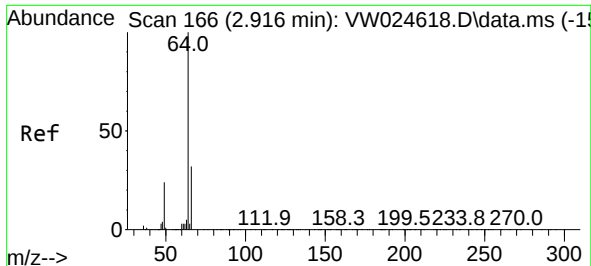
Tgt Ion: 62 Resp: 259823
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.7 42.1



#6
 Bromomethane
 Concen: 25.932 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW024618.D
 Acq: 21 Sep 2022 13:59

Tgt Ion: 94 Resp: 223117
 Ion Ratio Lower Upper
 94 100
 96 90.0 63.0 117.0

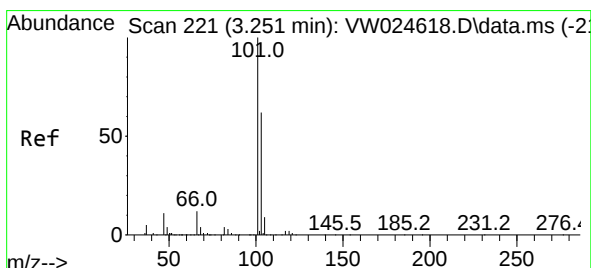
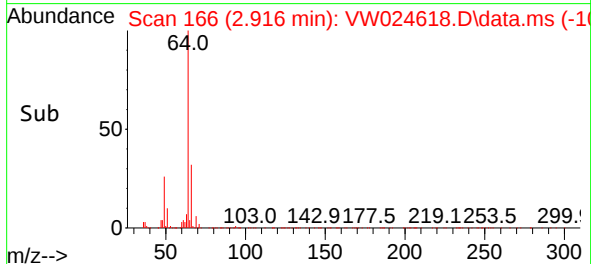
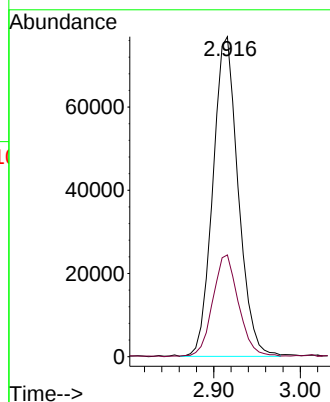
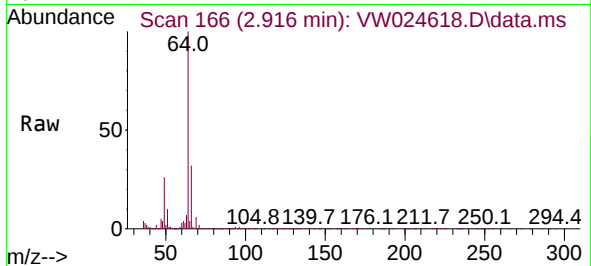




#8
Chloroethane
Concen: 26.104 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

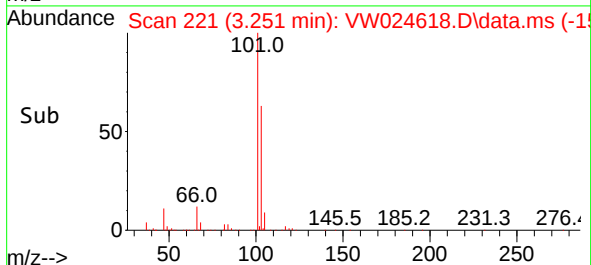
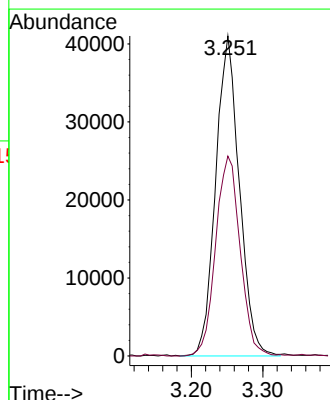
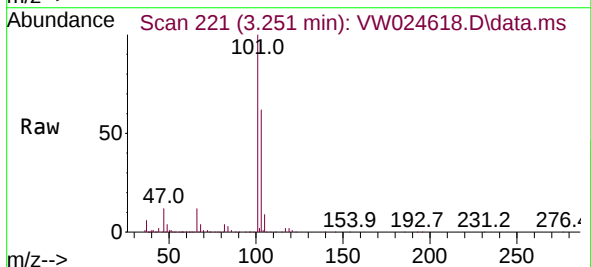
Instrument :
MSVOA_W
ClientSampleId :

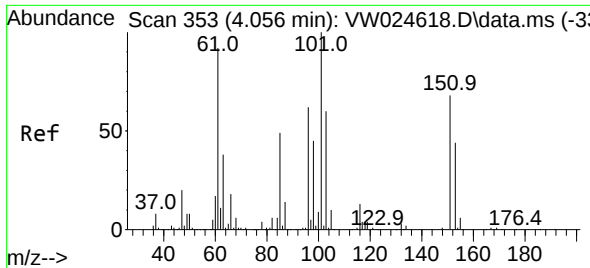
Tgt Ion: 64 Resp: 156227
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 24.886 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

Tgt Ion: 101 Resp: 94314
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

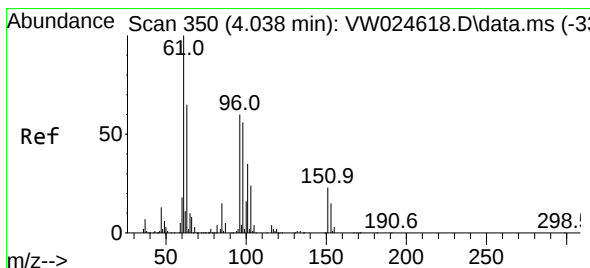
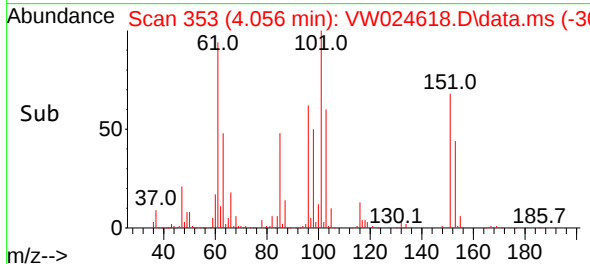
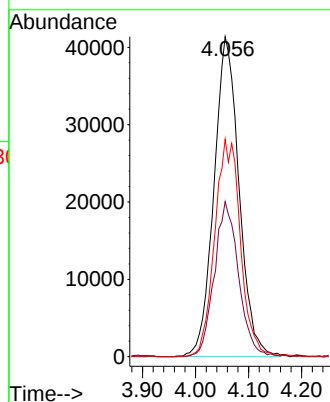
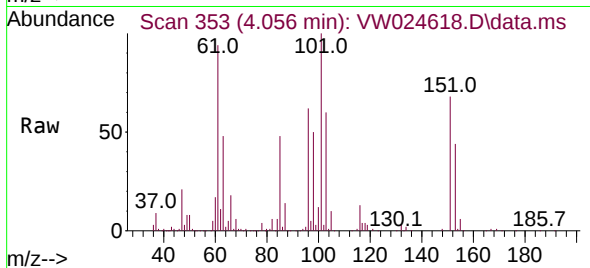




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.723 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW024618.D
 Acq: 21 Sep 2022 13:59

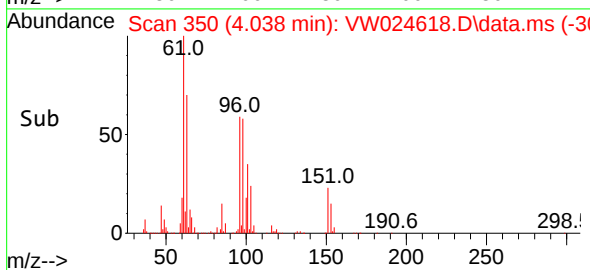
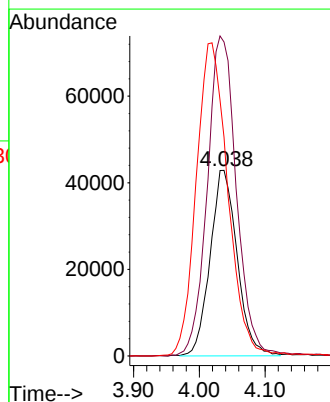
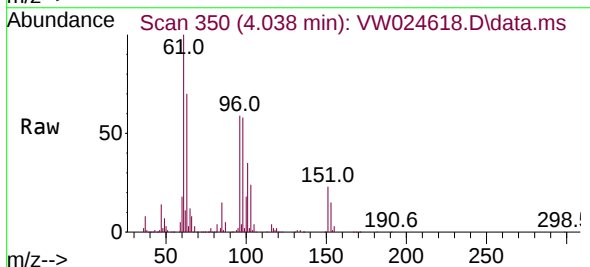
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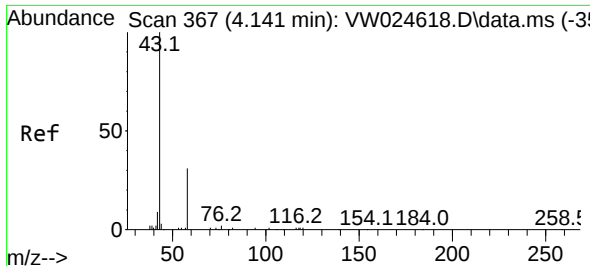
Tgt Ion:101 Resp: 135392
 Ion Ratio Lower Upper
 101 100
 85 46.7 37.4 56.0
 151 39.4 31.5 47.3



#12
 1,1-Dichloroethene
 Concen: 25.310 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW024618.D
 Acq: 21 Sep 2022 13:59

Tgt Ion: 96 Resp: 122535
 Ion Ratio Lower Upper
 96 100
 61 169.2 118.4 220.0
 63 117.7 82.4 153.0

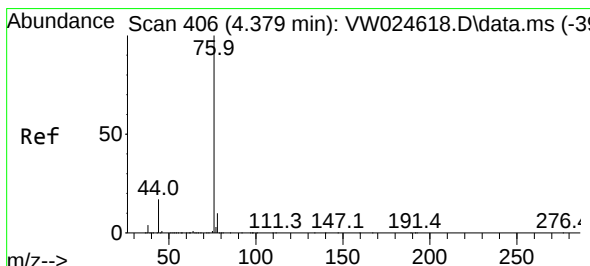
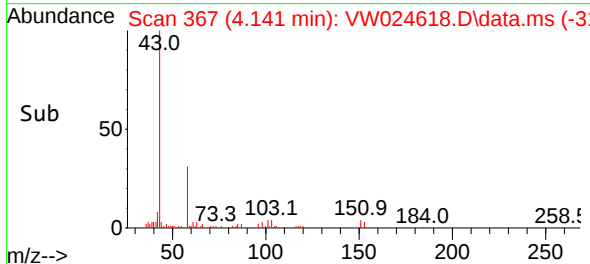
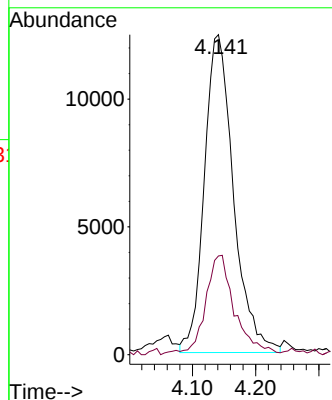
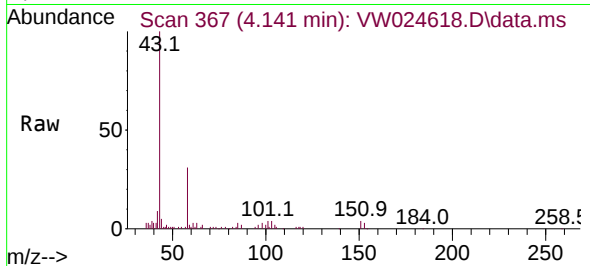




#13
Acetone
Concen: 44.840 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW024618.D
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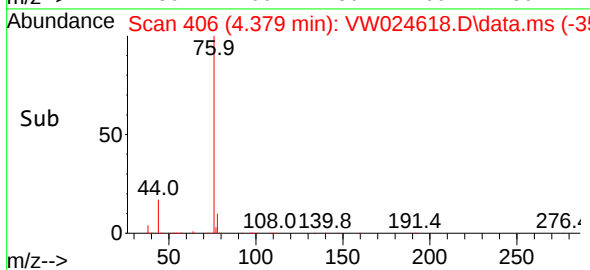
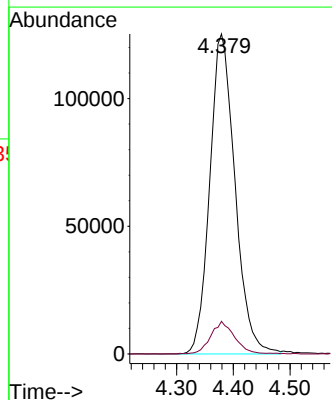
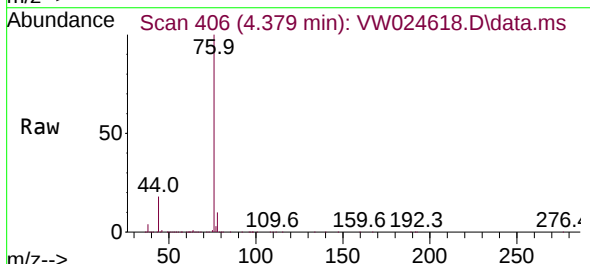
Instrument :
MSVOA_W
ClientSampleId :

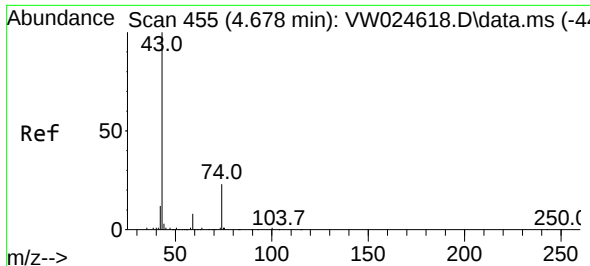
Tgt Ion: 43 Resp: 39906
Ion Ratio Lower Upper
43 100
58 31.1 0.0 62.2



#14
Carbon disulfide
Concen: 25.683 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW024618.D
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Tgt Ion: 76 Resp: 387423
Ion Ratio Lower Upper
76 100
78 10.2 8.2 12.2

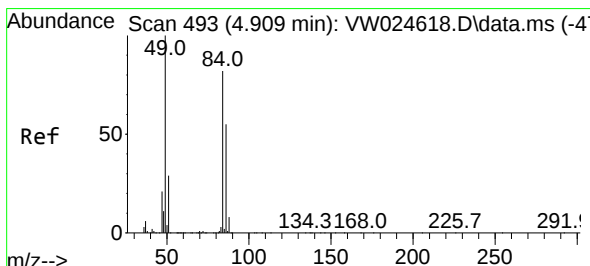
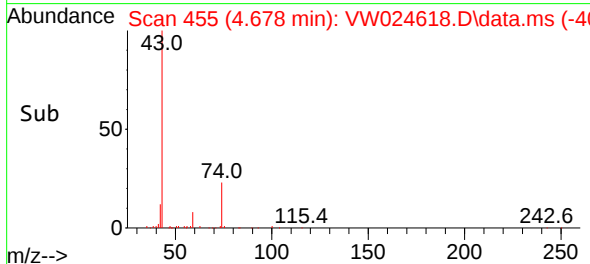
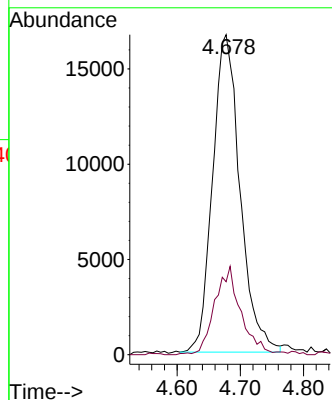
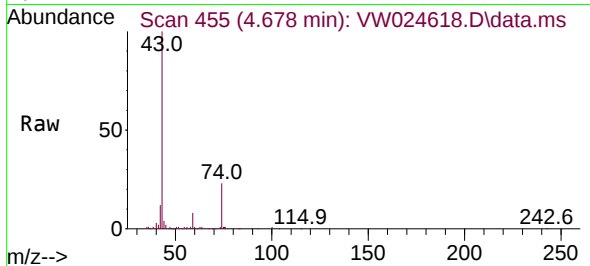




#15
Methyl Acetate
Concen: 23.369 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

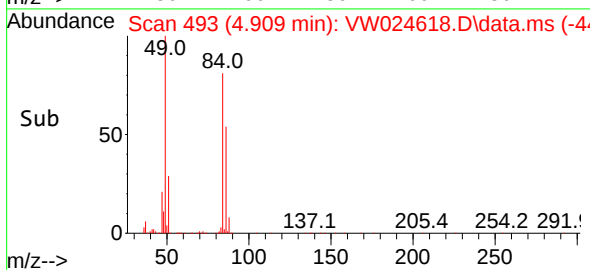
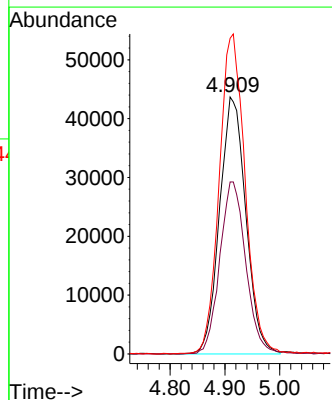
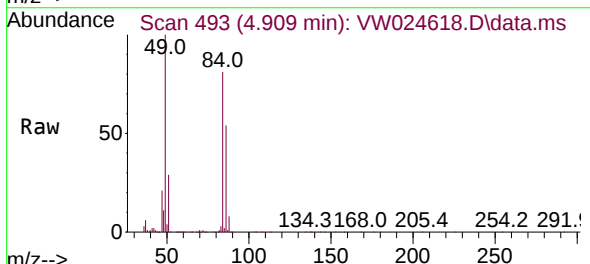
Instrument :
MSVOA_W
ClientSampleId :

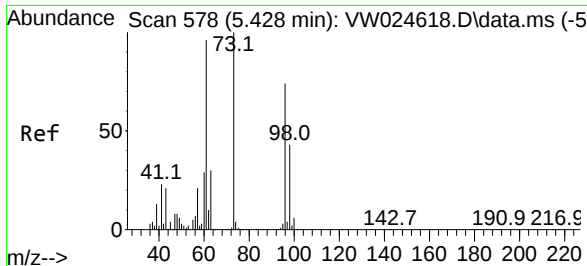
Tgt Ion: 43 Resp: 50232
Ion Ratio Lower Upper
43 100
74 26.1 20.6 31.0



#16
Methylene chloride
Concen: 22.247 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

Tgt Ion: 84 Resp: 145133
Ion Ratio Lower Upper
84 100
86 66.9 46.8 87.0
49 122.9 86.0 159.8

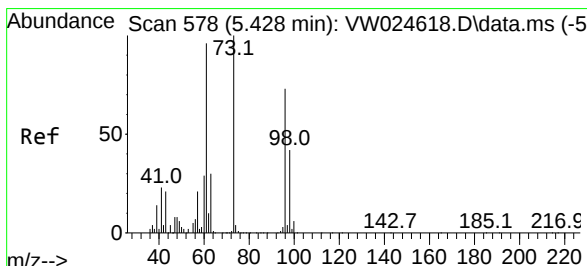
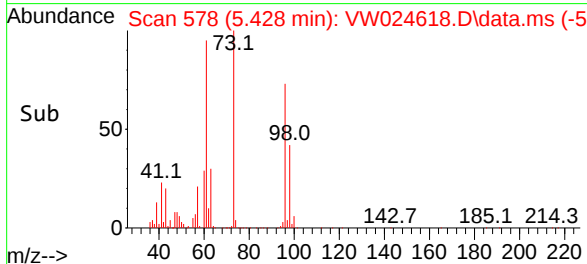
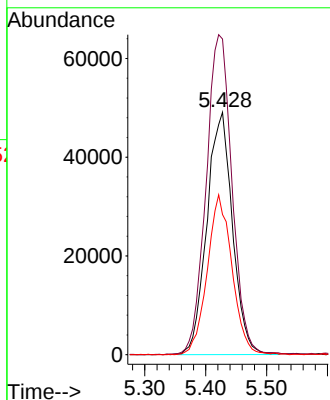
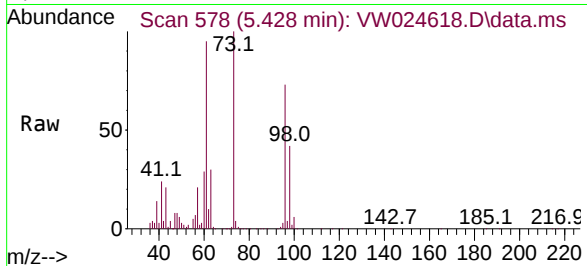




#17
trans-1,2-Dichloroethene
Concen: 27.454 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

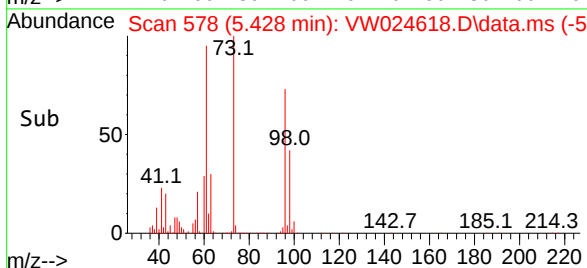
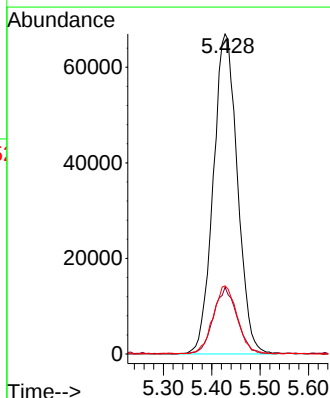
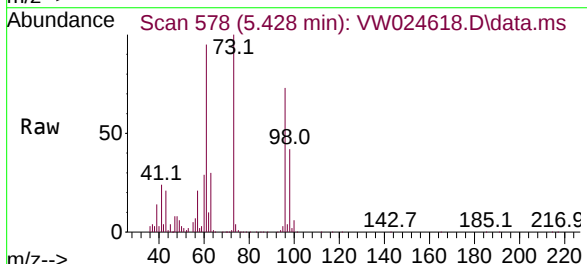
Instrument :
MSVOA_W
ClientSampleId :

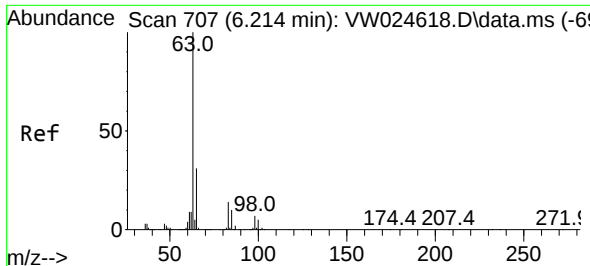
Tgt Ion: 96 Resp: 143252
Ion Ratio Lower Upper
96 100
61 130.3 91.2 169.4
98 57.8 40.5 75.1



#18
Methyl tert-butyl Ether
Concen: 26.578 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

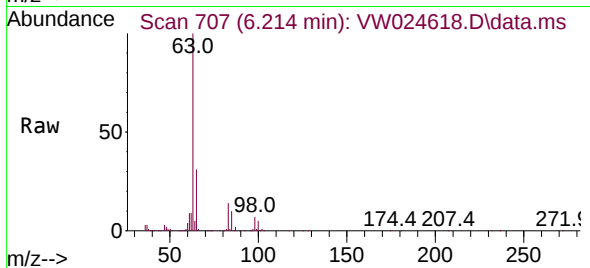
Tgt Ion: 73 Resp: 232596
Ion Ratio Lower Upper
73 100
43 20.1 16.0 24.0
57 21.3 17.0 25.6



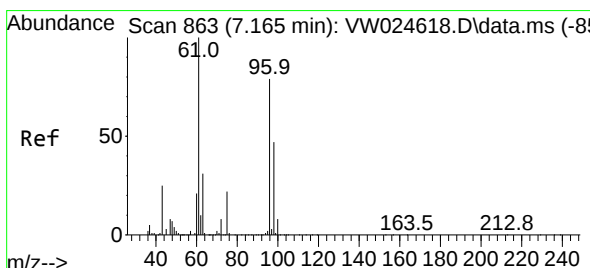
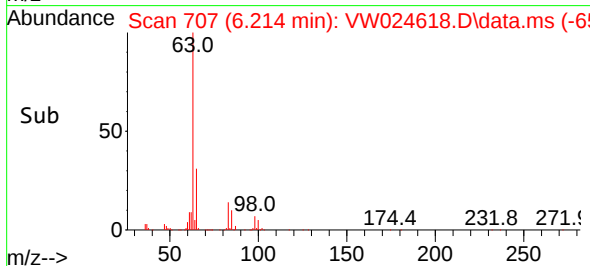
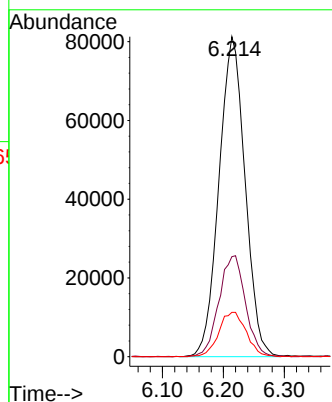


#19
 1,1-Dichloroethane
 Concen: 26.119 ug/L
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW024618.D
 Acq: 21 Sep 2022 13:59

Instrument :
 MSVOA_W
 ClientSampleId :

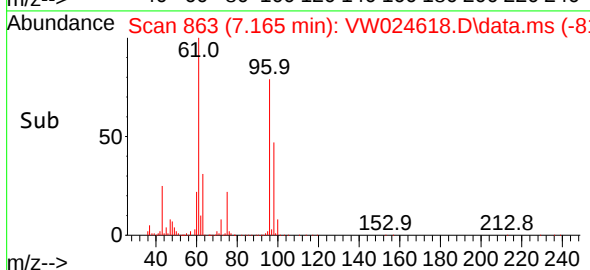
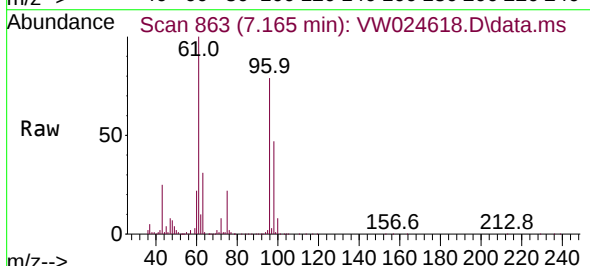
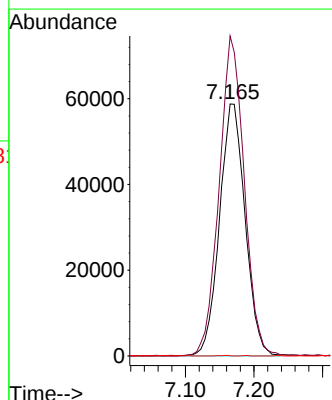


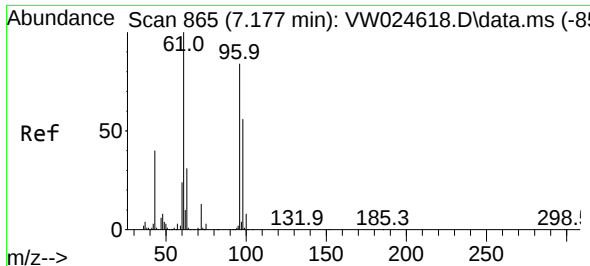
Tgt Ion:	63	Resp:	241477
Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.9	40.7
83	13.8	9.7	17.9



#20
 cis-1,2-Dichloroethene
 Concen: 26.685 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW024618.D
 Acq: 21 Sep 2022 13:59

Tgt Ion:	96	Resp:	152523
Ion	Ratio	Lower	Upper
96	100		
61	127.0	88.9	165.1
68	0.1	0.1	0.1

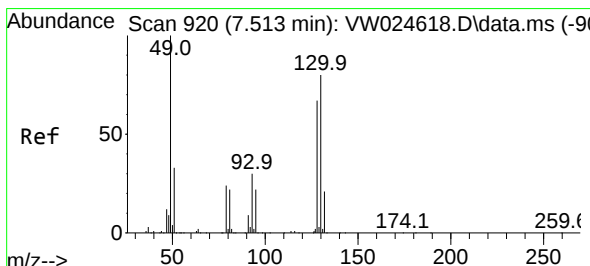
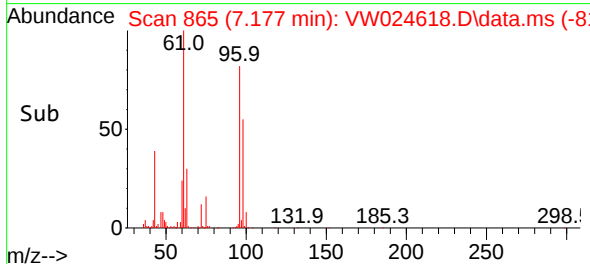
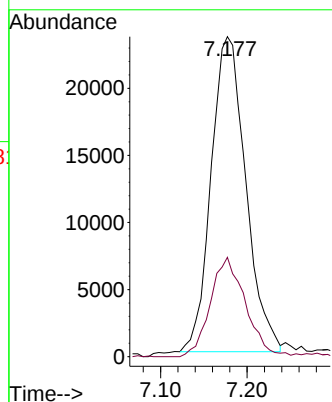
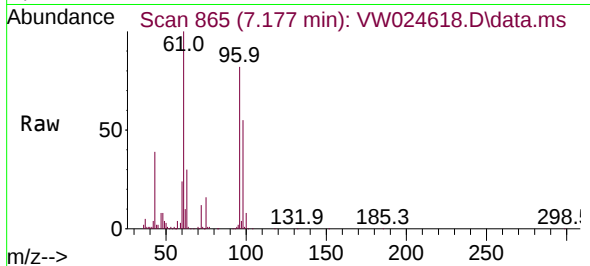




#22
2-Butanone
Concen: 47.942 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

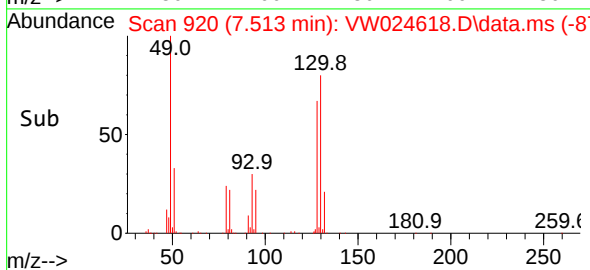
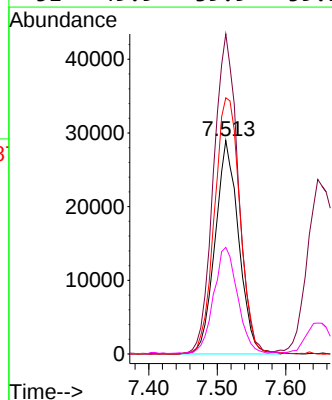
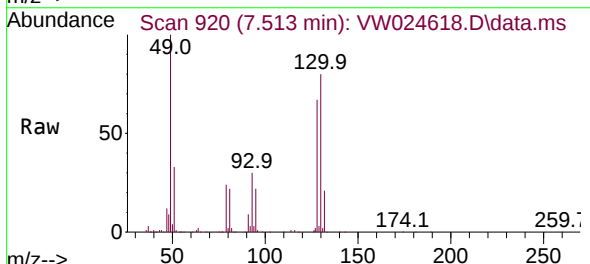
Instrument :
MSVOA_W
ClientSampleId :

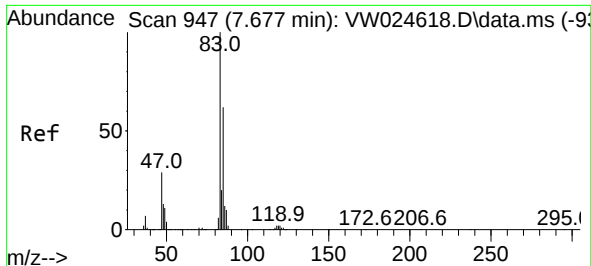
Tgt Ion: 43 Resp: 65250
Ion Ratio Lower Upper
43 100
72 31.6 15.8 47.4



#23
Bromochloromethane
Concen: 25.399 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

Tgt Ion: 128 Resp: 68961
Ion Ratio Lower Upper
128 100
49 149.9 104.9 194.9
130 120.0 84.0 156.0
51 49.9 39.9 59.9

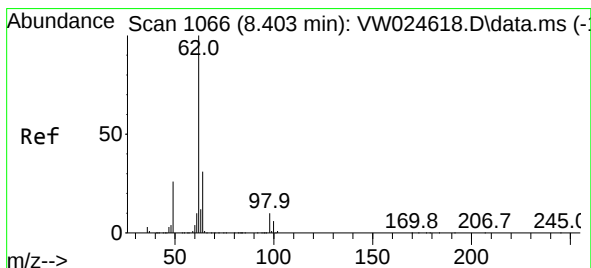
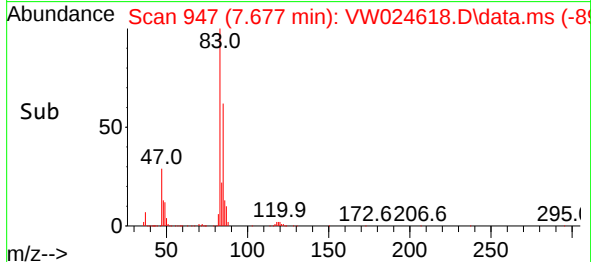
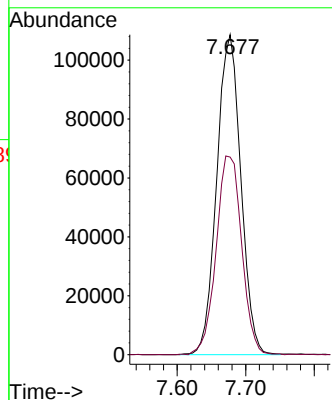
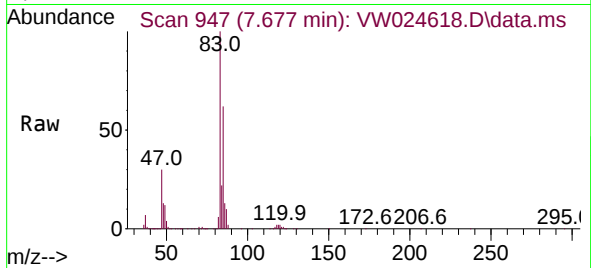




#25
Chloroform
Concen: 26.044 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

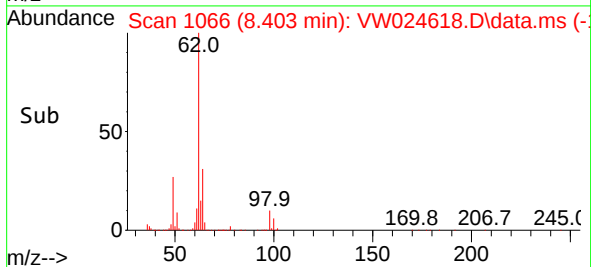
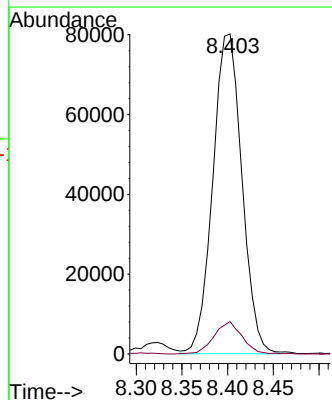
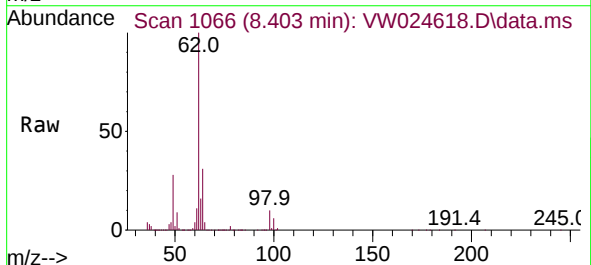
Instrument :
MSVOA_W
ClientSampleId :

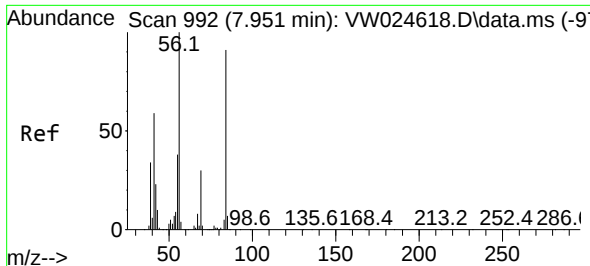
Tgt Ion: 83 Resp: 265262
Ion Ratio Lower Upper
83 100
85 61.8 43.3 80.3



#27
1,2-Dichloroethane
Concen: 26.325 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

Tgt Ion: 62 Resp: 177795
Ion Ratio Lower Upper
62 100
98 10.1 8.1 12.1





#29

Cyclohexane

Concen: 27.513 ug/L

RT: 7.951 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

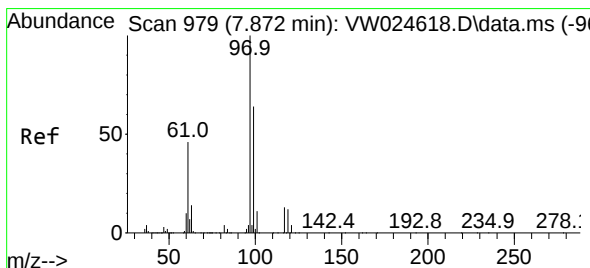
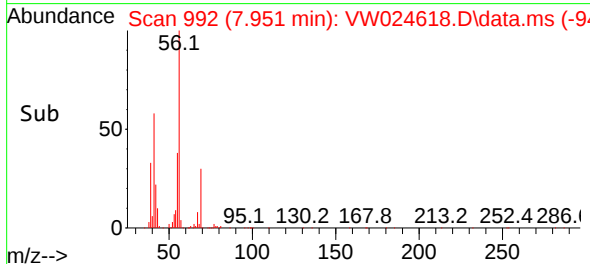
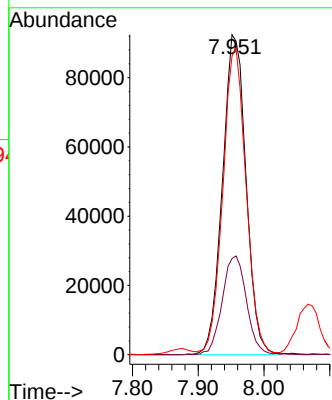
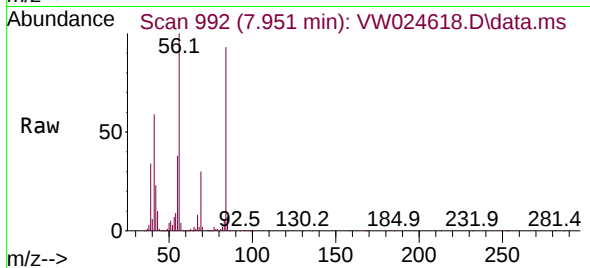
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 56 Resp: 230506

Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.4	38.0
84	94.3	75.4	113.2



#30

1,1,1-Trichloroethane

Concen: 26.228 ug/L

RT: 7.872 min Scan# 979

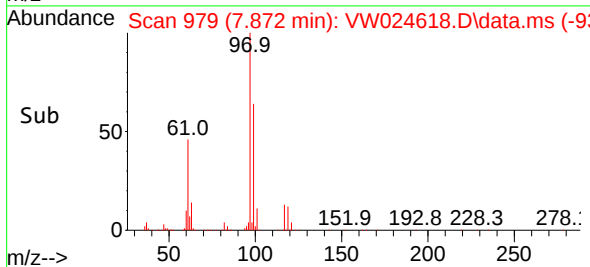
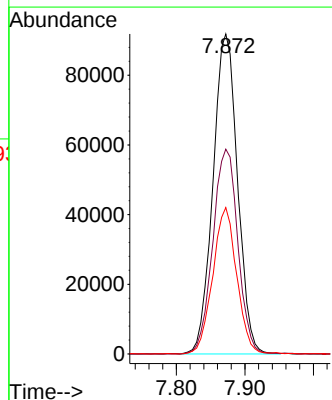
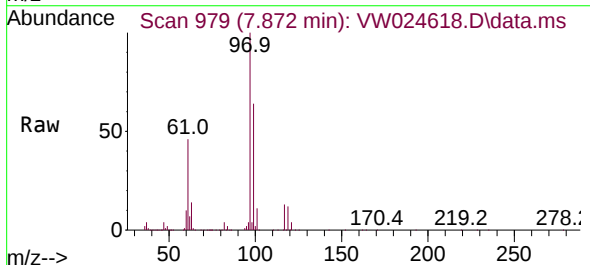
Delta R.T. 0.000 min

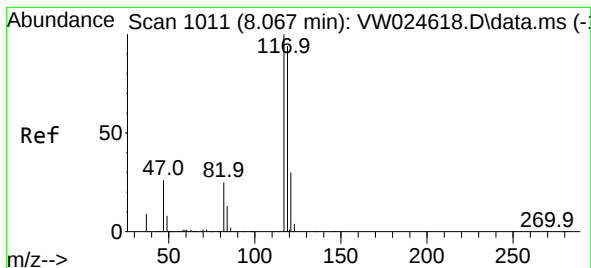
Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

Tgt Ion: 97 Resp: 228383

Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.2	78.2
61	44.7	35.8	53.6





#31

Carbon tetrachloride

Concen: 25.772 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

Instrument :

MSVOA_W

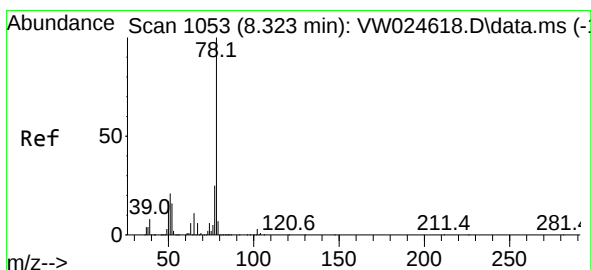
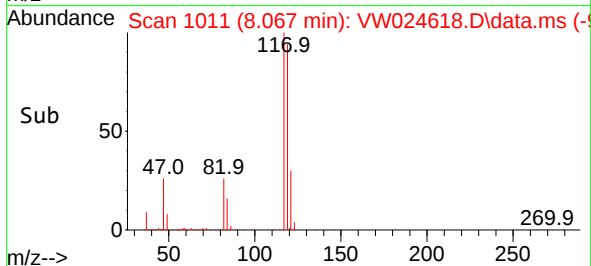
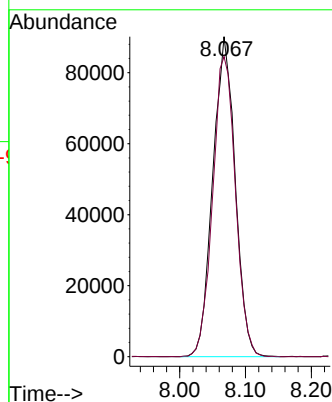
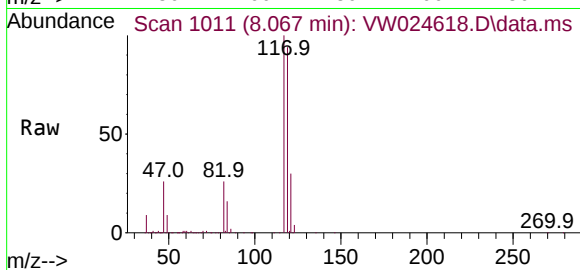
ClientSampleId :

Tgt Ion:117 Resp: 213526

Ion Ratio Lower Upper

117 100

119 95.6 76.5 114.7



#33

Benzene

Concen: 26.990 ug/L

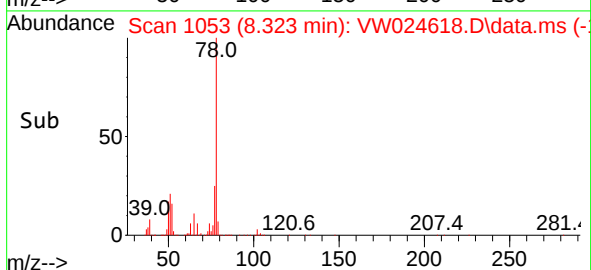
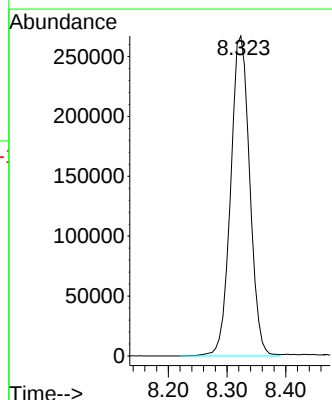
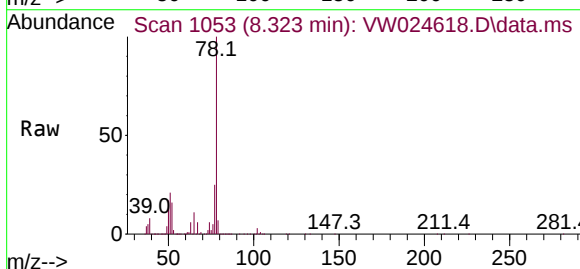
RT: 8.323 min Scan# 1053

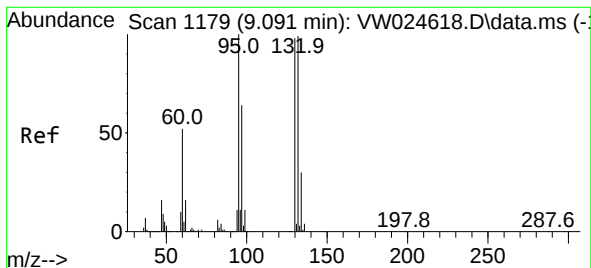
Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

Tgt Ion: 78 Resp: 602704





#34

Trichloroethene

Concen: 25.544 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

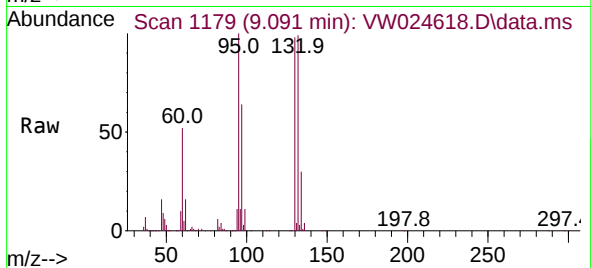
Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 154578

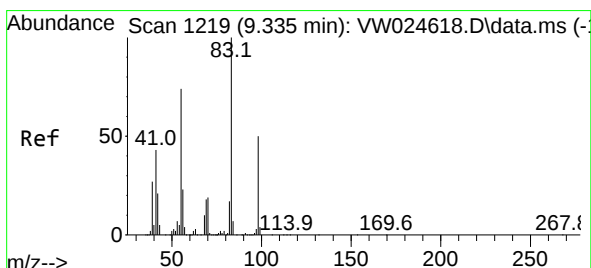
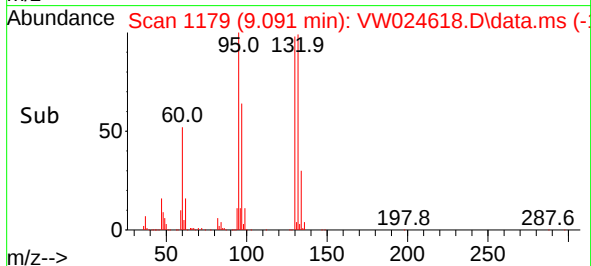
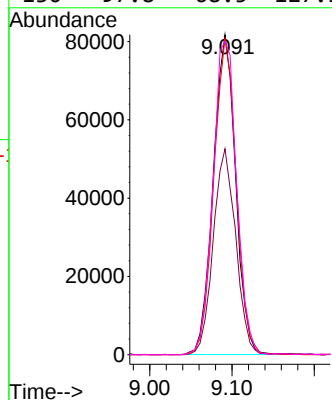
Ion Ratio Lower Upper

95 100

97 64.4 45.1 83.7

132 98.7 69.1 128.3

130 97.8 68.5 127.1



#35

Methylcyclohexane

Concen: 27.798 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

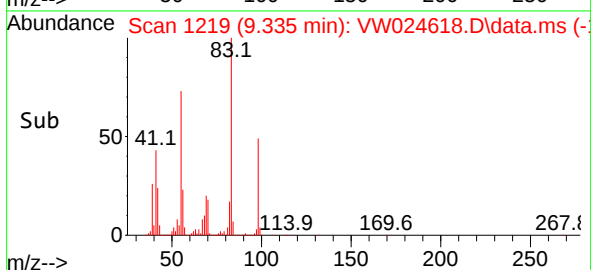
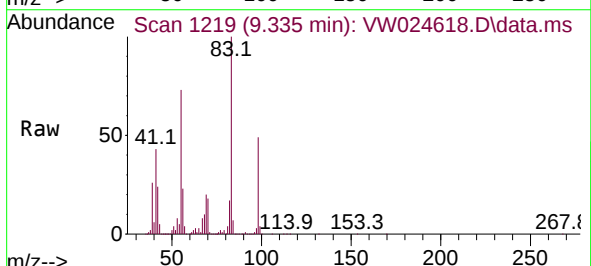
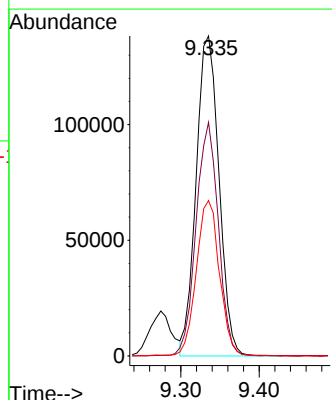
Tgt Ion: 83 Resp: 280679

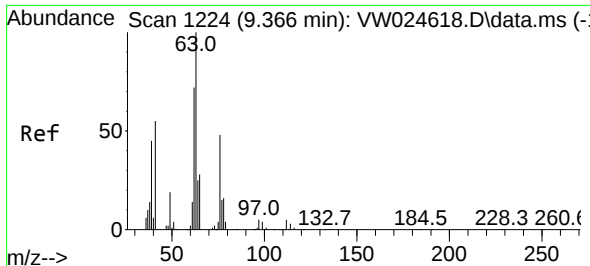
Ion Ratio Lower Upper

83 100

55 71.2 57.0 85.4

98 49.2 39.4 59.0





#37

1,2-Dichloropropane

Concen: 26.773 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

Instrument :

MSVOA_W

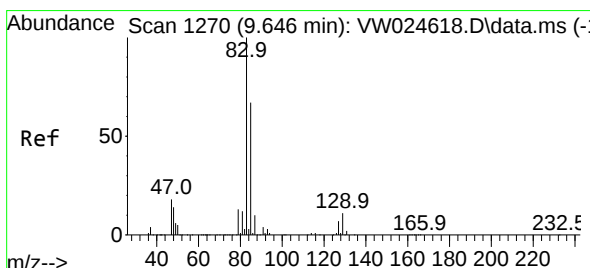
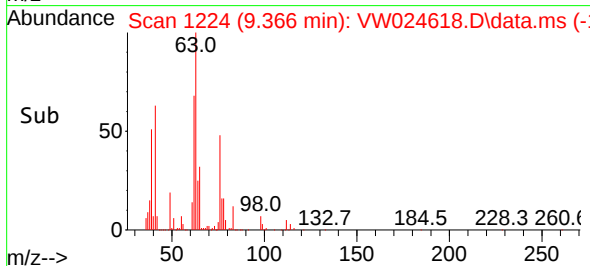
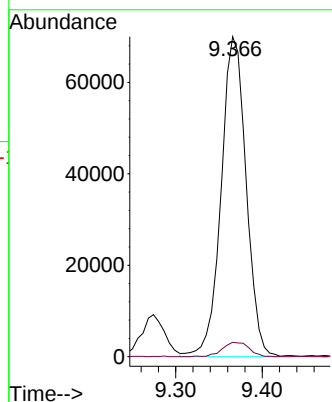
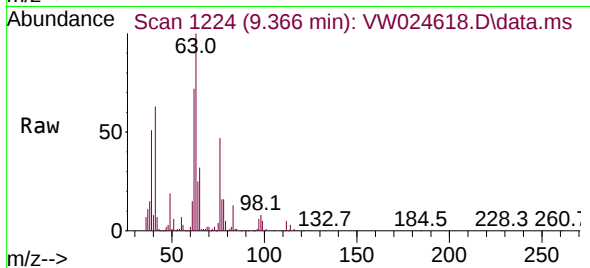
ClientSampleId :

Tgt Ion: 63 Resp: 140423

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 25.928 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

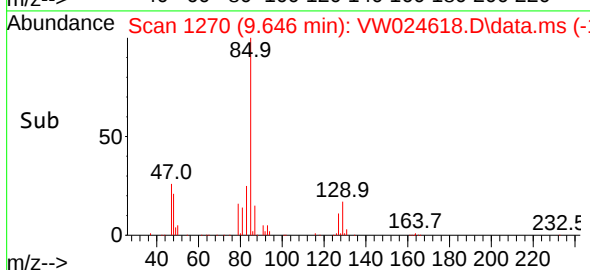
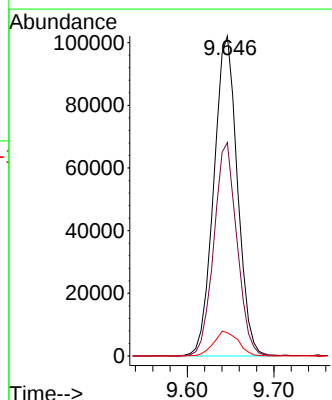
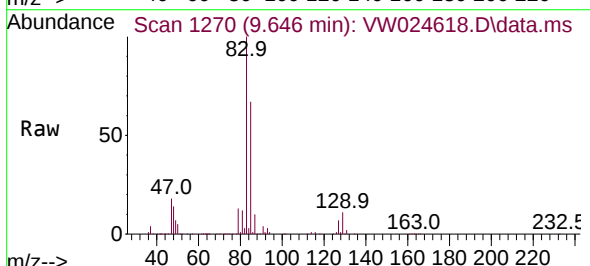
Tgt Ion: 83 Resp: 193489

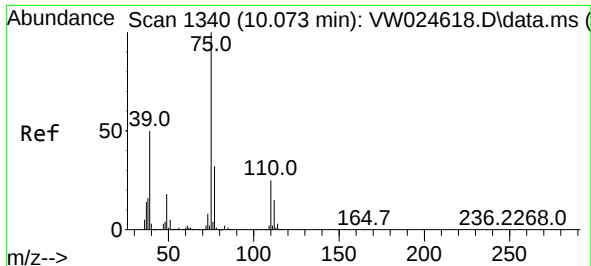
Ion Ratio Lower Upper

83 100

85 66.7 46.7 86.7

127 7.3 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 27.089 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

Instrument :

MSVOA_W

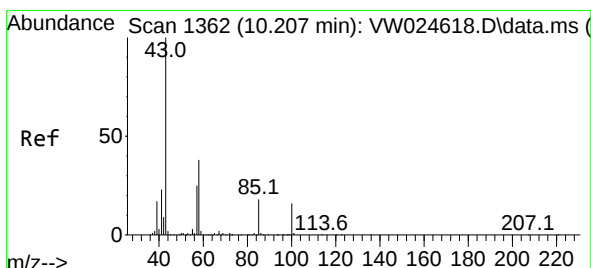
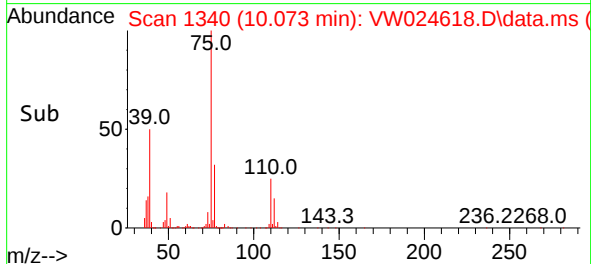
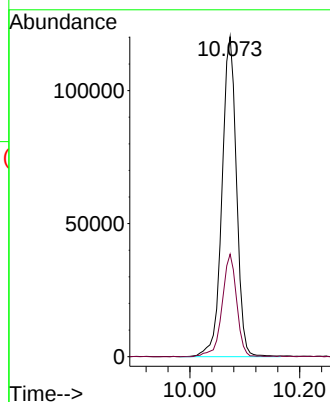
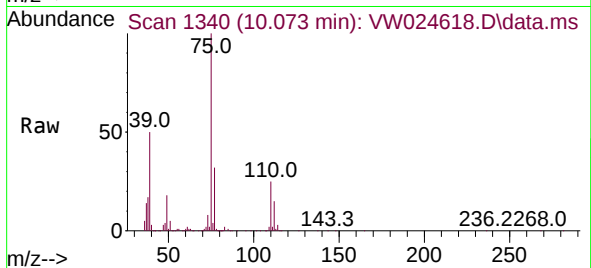
ClientSampleId :

Tgt Ion: 75 Resp: 221604

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 54.090 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

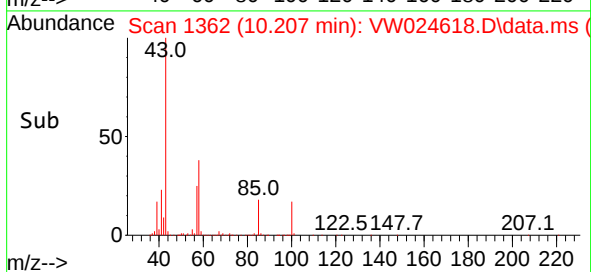
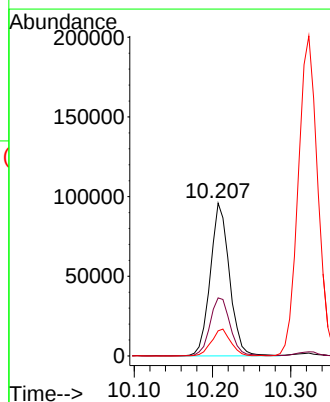
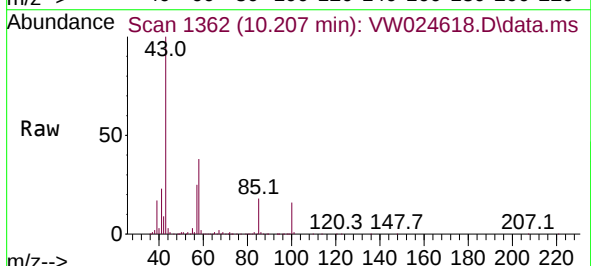
Tgt Ion: 43 Resp: 162941

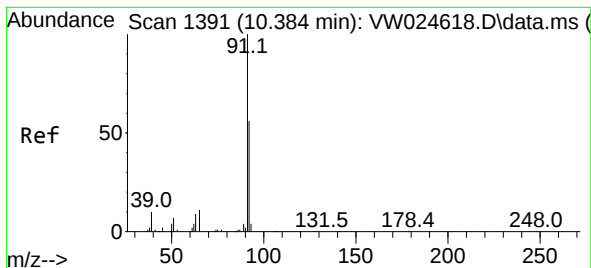
Ion Ratio Lower Upper

43 100

58 40.2 32.2 48.2

100 17.8 14.2 21.4





#42

Toluene

Concen: 27.705 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

Instrument :

MSVOA_W

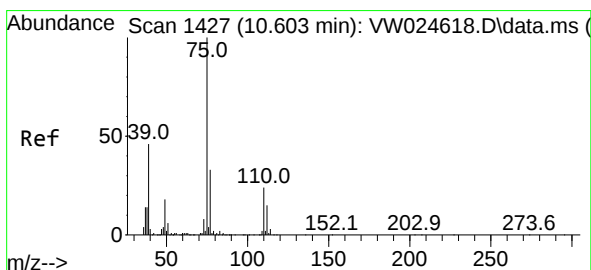
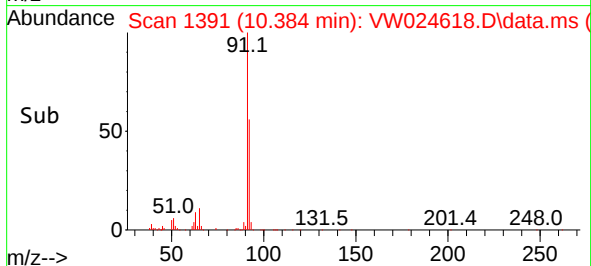
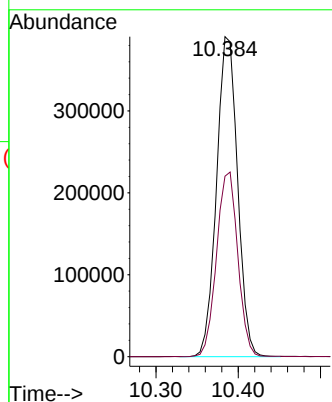
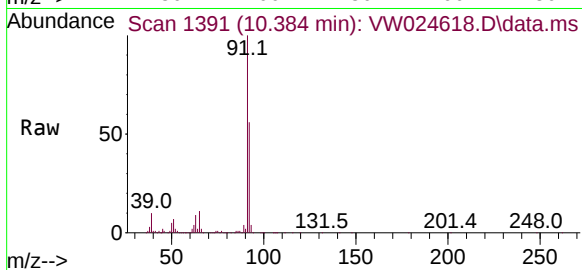
ClientSampleId :

Tgt Ion: 91 Resp: 694565

Ion Ratio Lower Upper

91 100

92 56.4 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 27.400 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024618.D

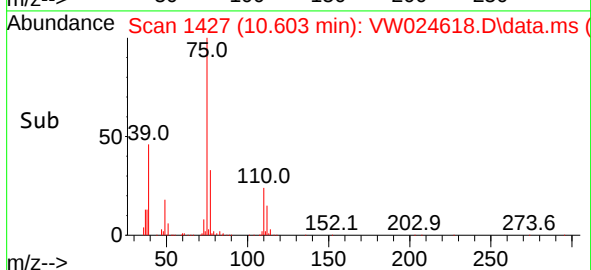
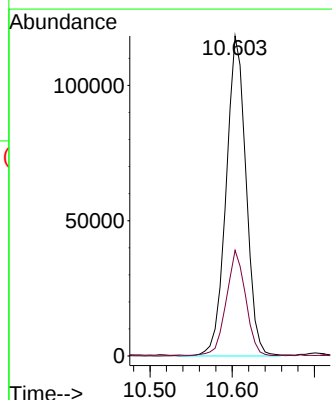
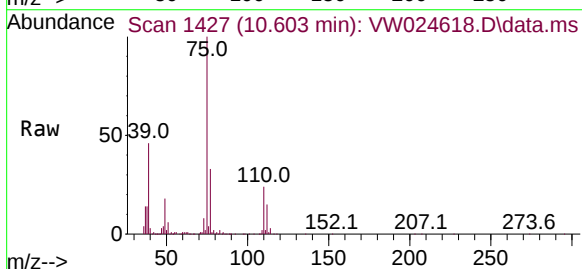
Acq: 21 Sep 2022 13:59

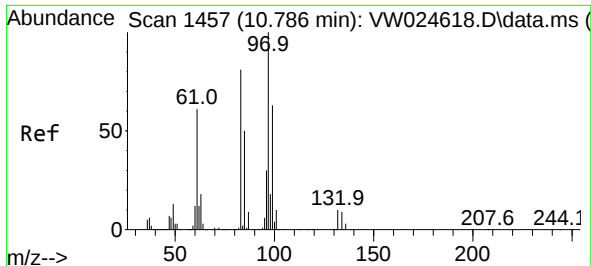
Tgt Ion: 75 Resp: 199095

Ion Ratio Lower Upper

75 100

77 33.0 23.1 42.9

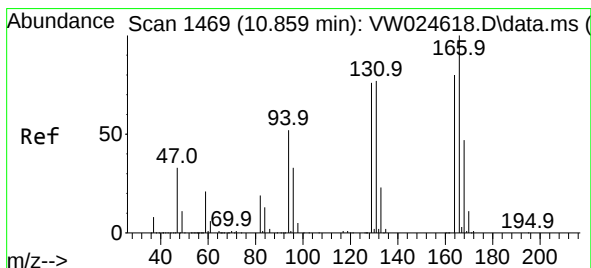
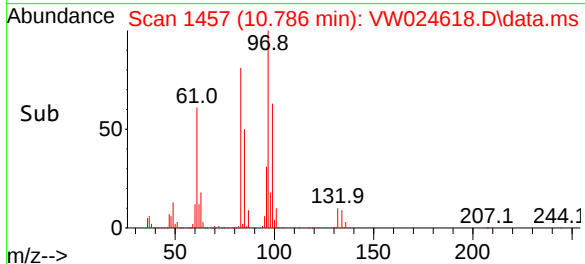
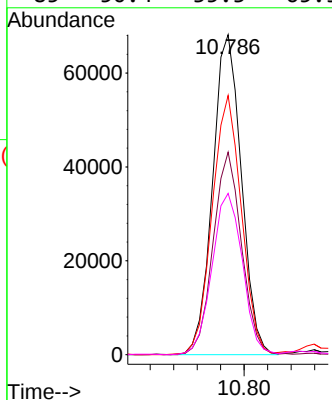
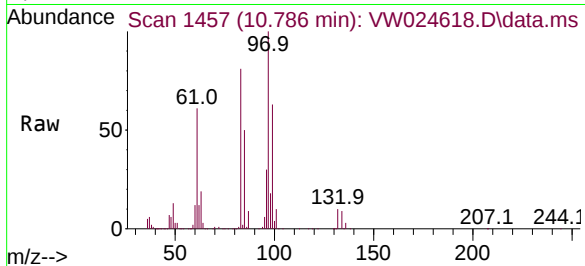




#45
1,1,2-Trichloroethane
Concen: 26.545 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

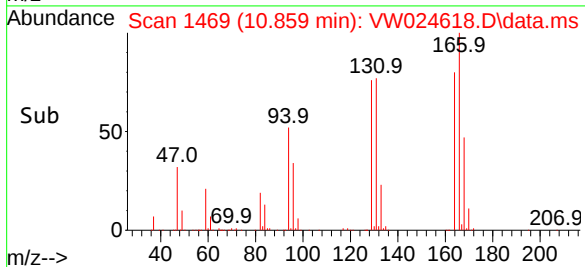
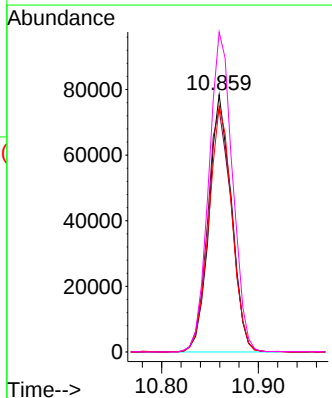
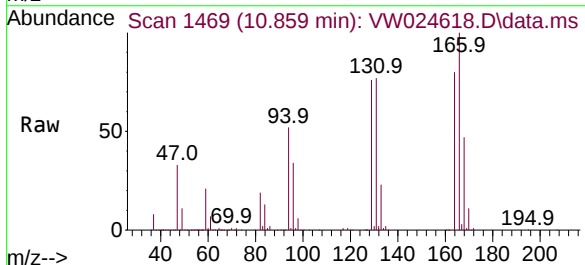
Instrument :
MSVOA_W
ClientSampleId :

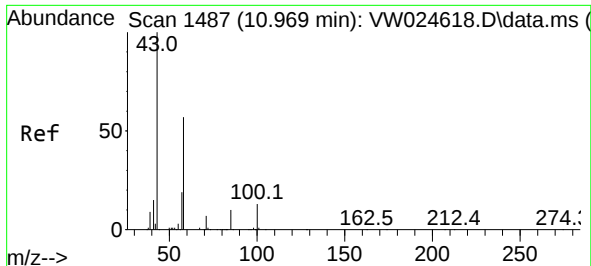
Tgt Ion:	97	Resp:	115867
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.3	82.3
83	81.0	56.7	105.3
85	50.4	35.3	65.5



#46
Tetrachloroethene
Concen: 26.532 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

Tgt Ion:	164	Resp:	126332
Ion	Ratio	Lower	Upper
164	100		
129	94.3	66.0	122.6
131	95.6	66.9	124.3
166	124.4	87.1	161.7

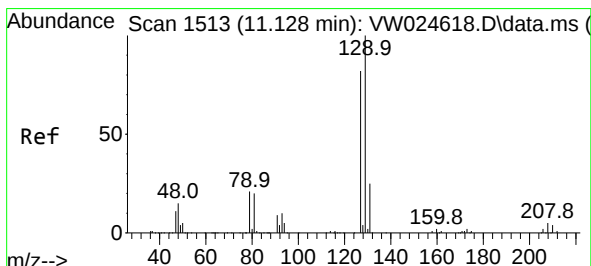
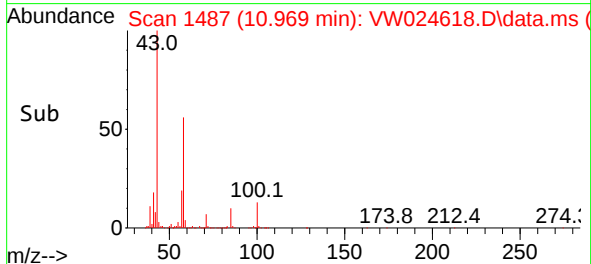
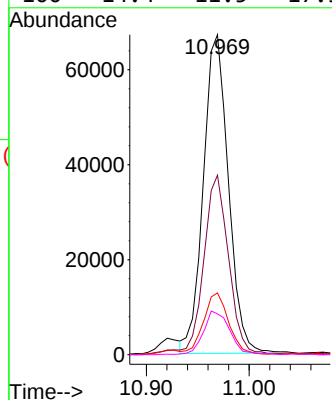
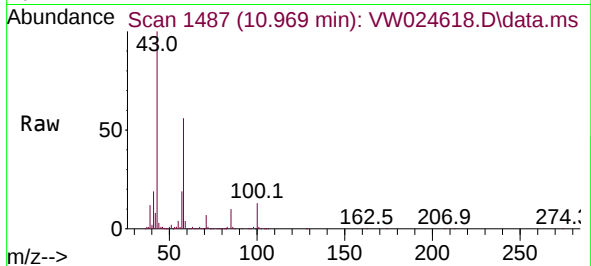




#48
2-Hexanone
Concen: 55.029 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

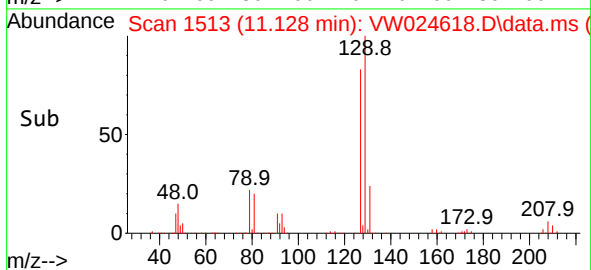
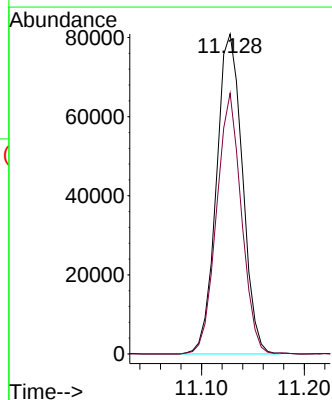
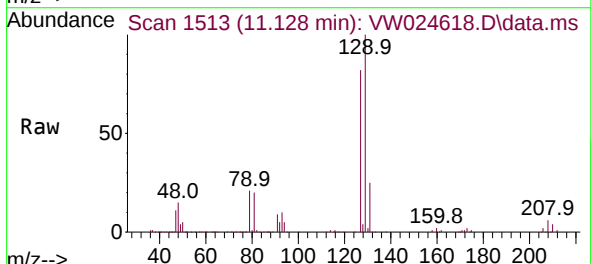
Instrument :
MSVOA_W
ClientSampleId :

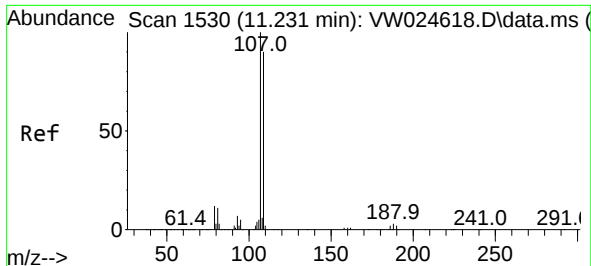
Tgt Ion:	43	Resp:	113743
Ion	Ratio	Lower	Upper
43	100		
58	54.1	43.3	64.9
57	19.7	15.8	23.6
100	14.4	11.5	17.3



#49
Dibromochloromethane
Concen: 26.936 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

Tgt Ion:	129	Resp:	142118
Ion	Ratio	Lower	Upper
129	100		
127	81.5	57.0	105.9





#50

1,2-Dibromoethane

Concen: 27.280 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

Instrument :

MSVOA_W

ClientSampleId :

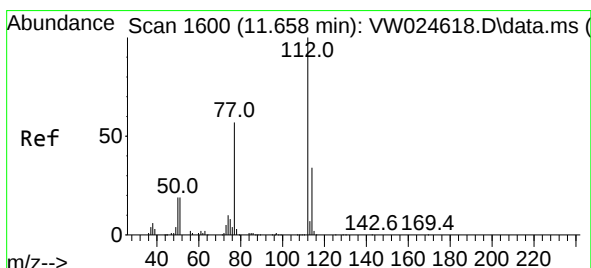
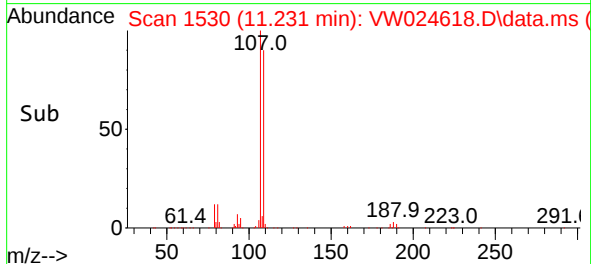
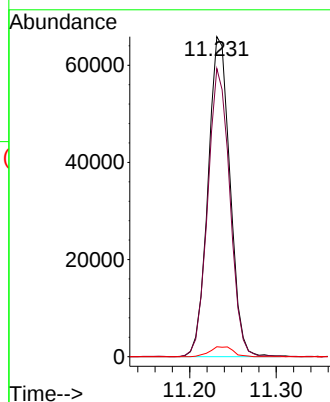
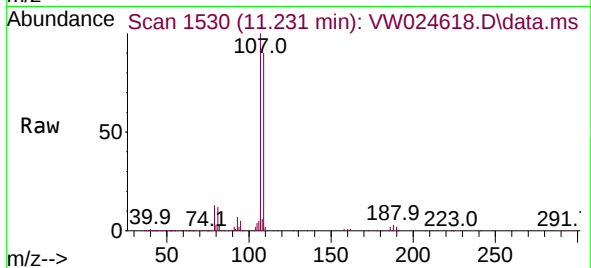
Tgt Ion:107 Resp: 116184

Ion Ratio Lower Upper

107 100

109 90.0 63.0 117.0

188 3.1 2.5 3.7



#51

Chlorobenzene

Concen: 26.740 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

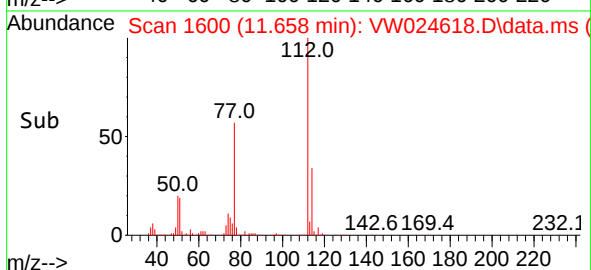
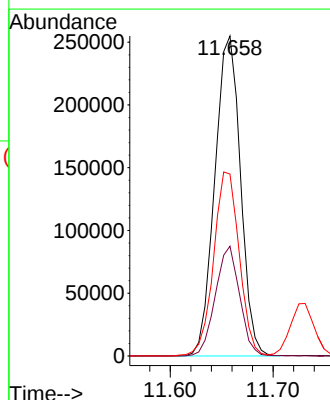
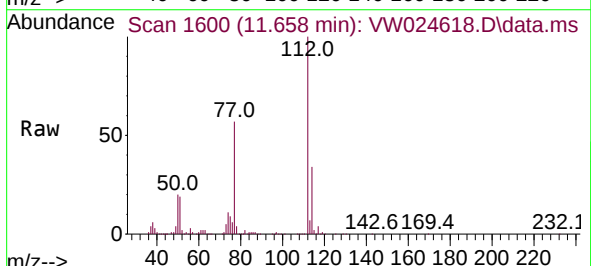
Tgt Ion:112 Resp: 442087

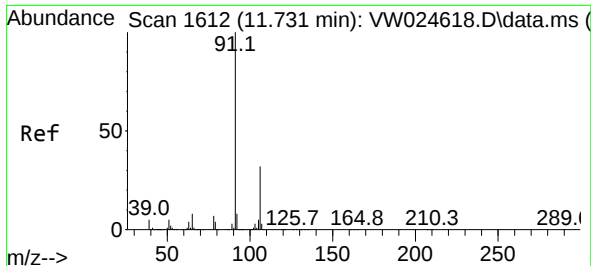
Ion Ratio Lower Upper

112 100

114 34.3 24.0 44.6

77 56.8 45.4 68.2

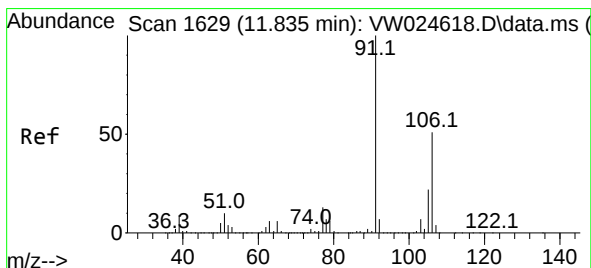
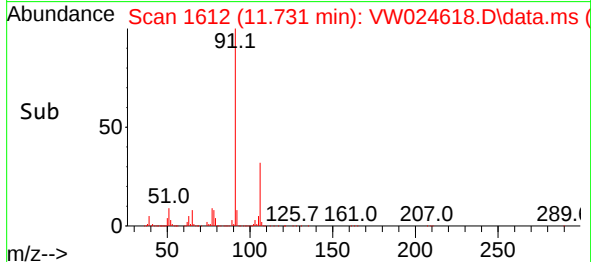
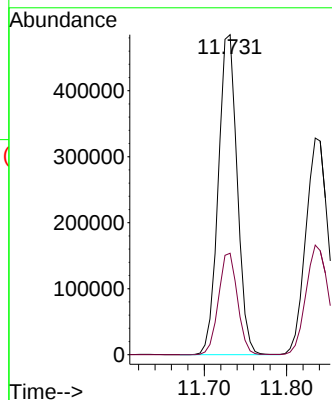
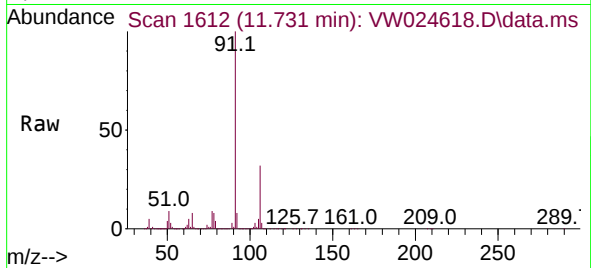




#52
Ethylbenzene
Concen: 28.174 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

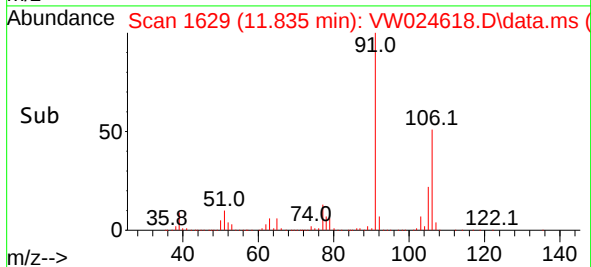
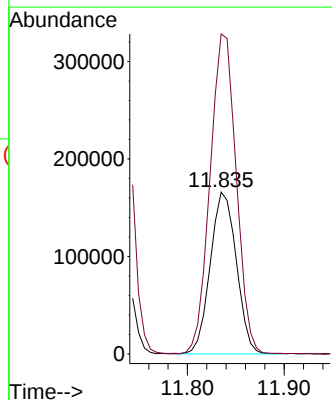
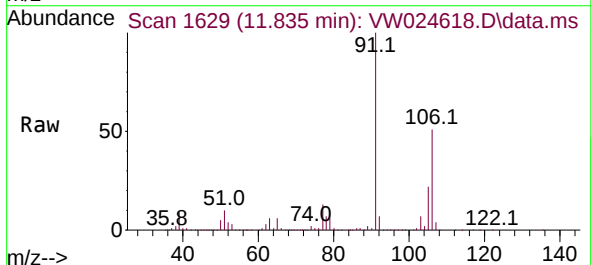
Instrument :
MSVOA_W
ClientSampleId :

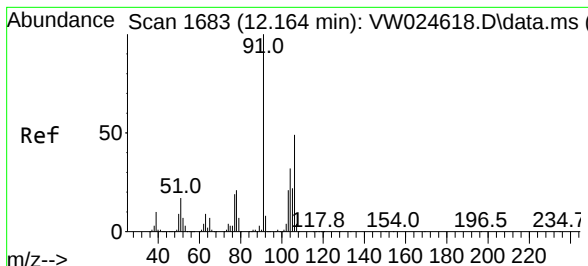
Tgt Ion: 91 Resp: 775835
Ion Ratio Lower Upper
91 100
106 31.7 22.2 41.2



#53
m,p-Xylene
Concen: 28.494 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

Tgt Ion:106 Resp: 311591
Ion Ratio Lower Upper
106 100
91 197.5 138.3 256.8

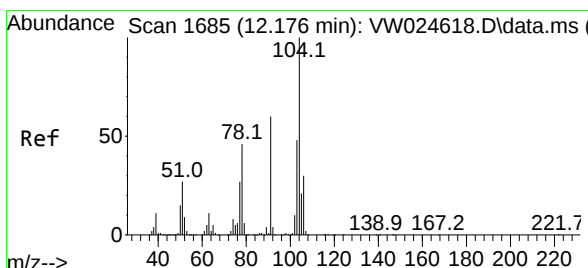
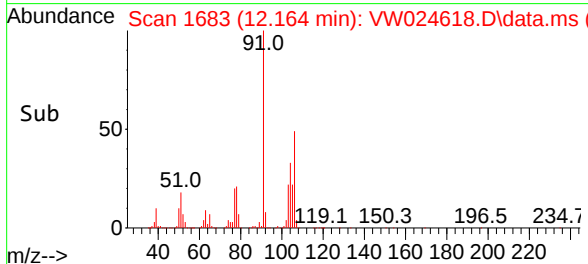
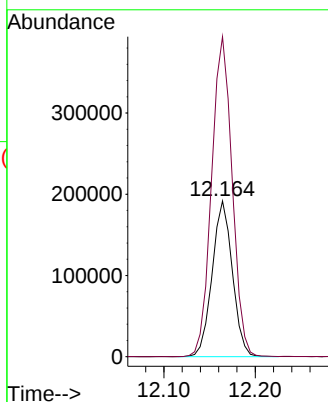
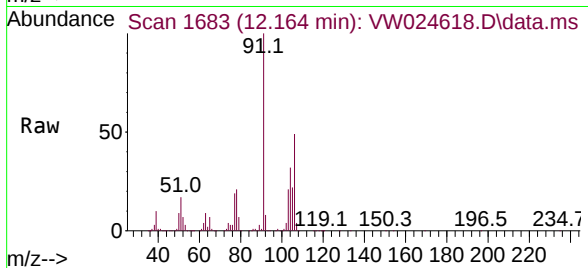




#54
o-Xylene
Concen: 28.682 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

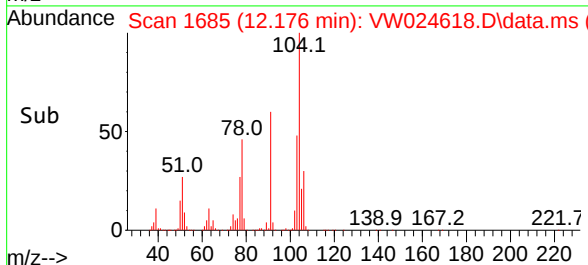
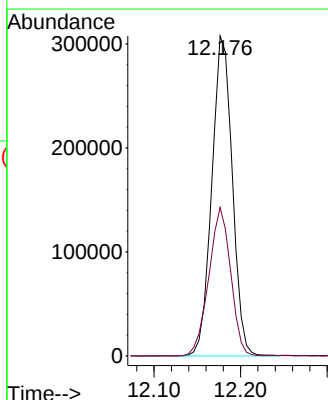
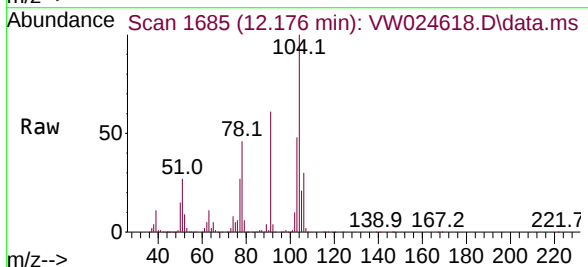
Instrument :
MSVOA_W
ClientSampleId :

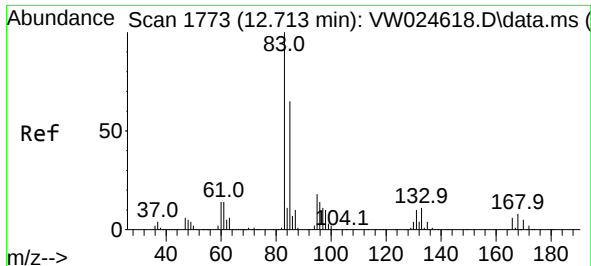
Tgt Ion:106 Resp: 294235
Ion Ratio Lower Upper
106 100
91 205.5 143.9 267.2



#55
Styrene
Concen: 28.643 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

Tgt Ion:104 Resp: 505411
Ion Ratio Lower Upper
104 100
78 46.4 32.5 60.3





#57

1,1,2,2-Tetrachloroethane

Concen: 26.265 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

Instrument :

MSVOA_W

ClientSampleId :

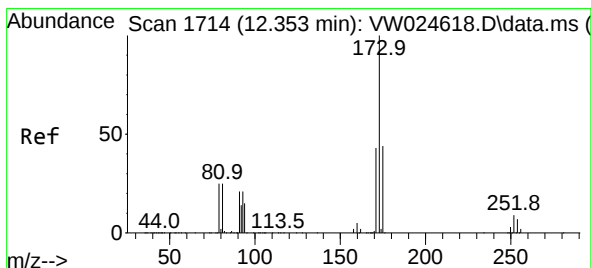
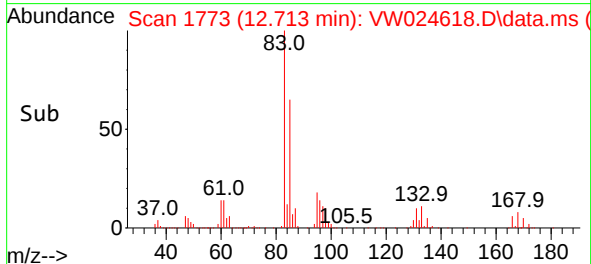
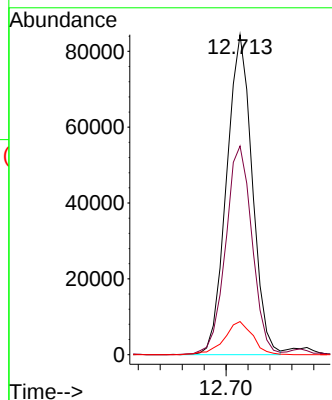
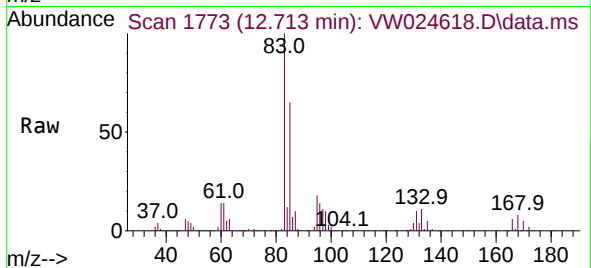
Tgt Ion: 83 Resp: 137149

Ion Ratio Lower Upper

83 100

85 65.2 45.6 84.8

131 10.3 8.2 12.4



#59

Bromoform

Concen: 26.935 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

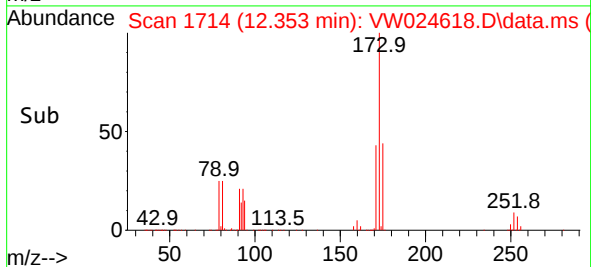
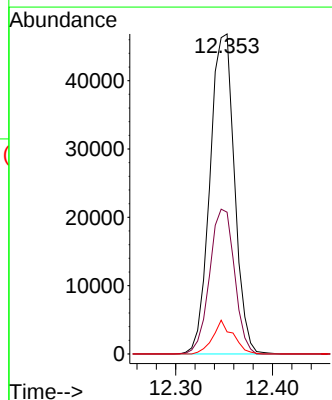
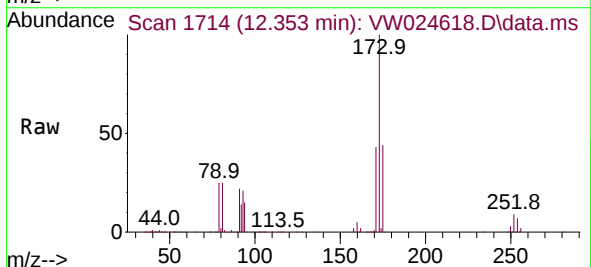
Tgt Ion: 173 Resp: 82523

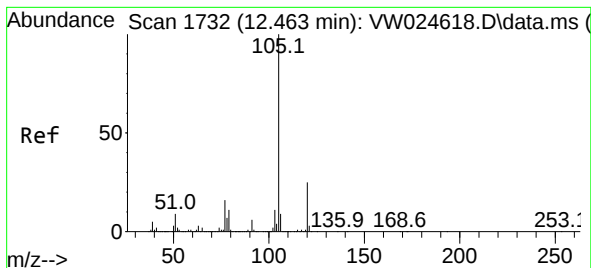
Ion Ratio Lower Upper

173 100

175 45.9 36.7 55.1

254 8.7 7.0 10.4





#60

Isopropylbenzene

Concen: 26.844 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024618.D

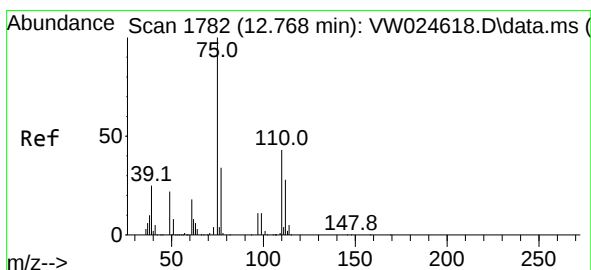
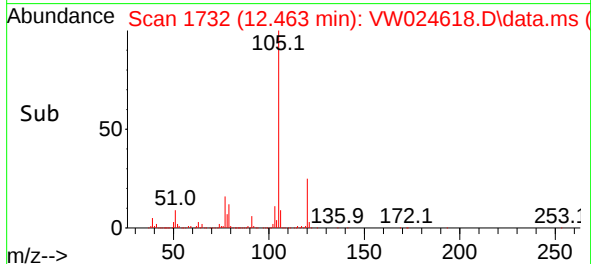
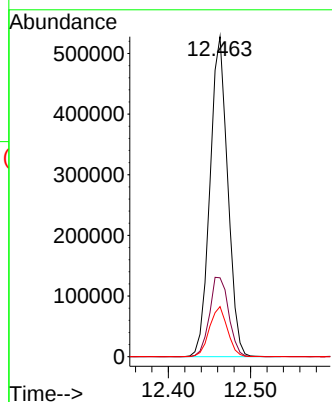
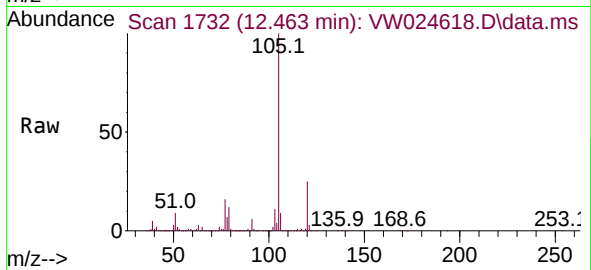
Acq: 21 Sep 2022 13:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	790177
Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.5	32.3
77	15.9	12.7	19.1



#61

1,2,3-Trichloropropane

Concen: 25.255 ug/L

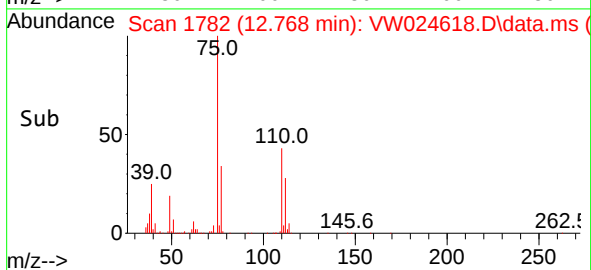
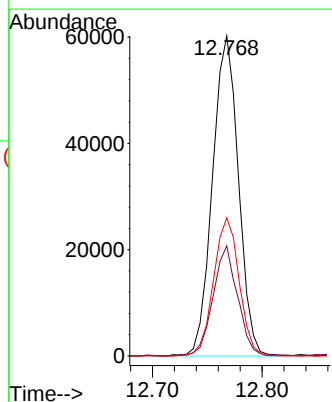
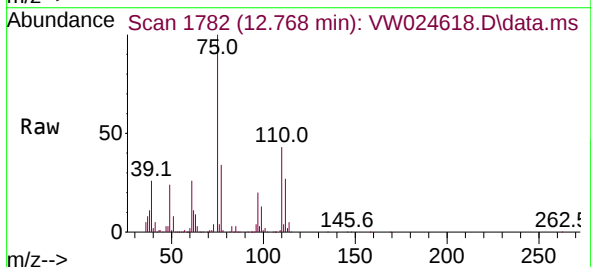
RT: 12.768 min Scan# 1782

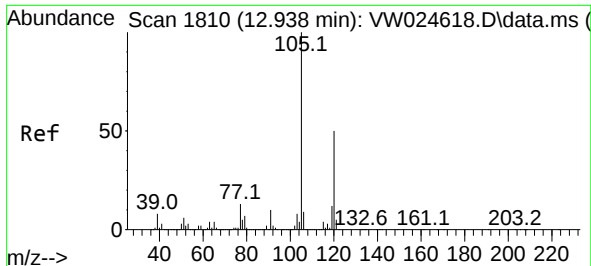
Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

Tgt Ion:	75	Resp:	98812
Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.0	39.0
110	42.5	34.0	51.0

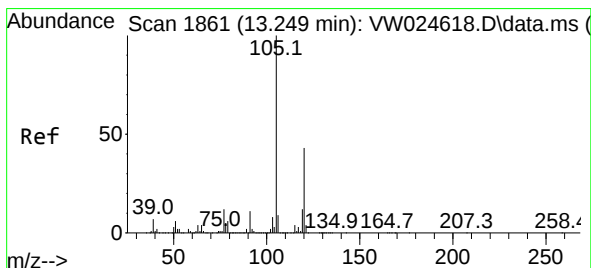
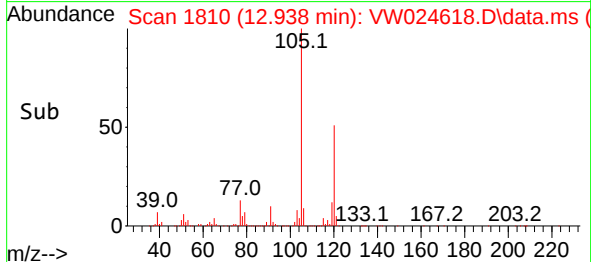
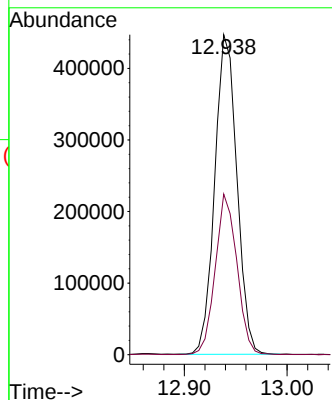
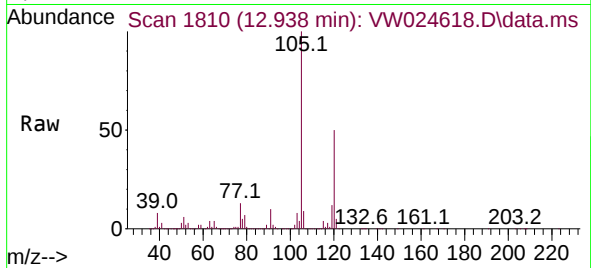




#62
 1,3,5-Trimethylbenzene
 Concen: 27.911 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW024618.D
 Acq: 21 Sep 2022 13:59

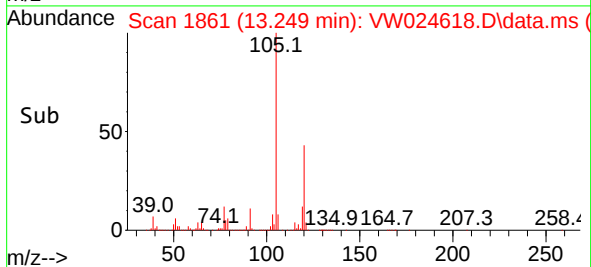
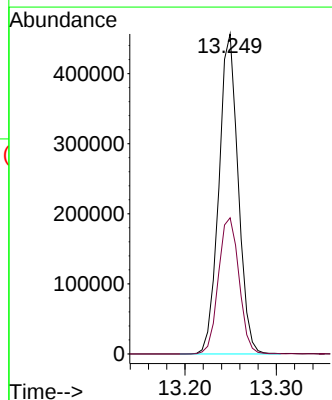
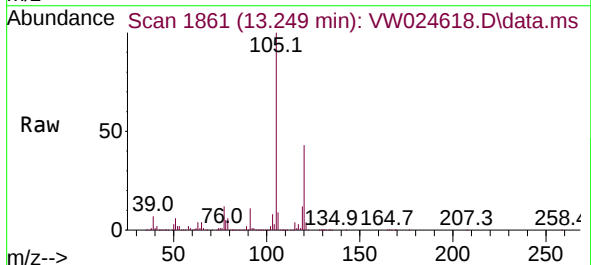
Instrument :
 MSVOA_W
 ClientSampleId :

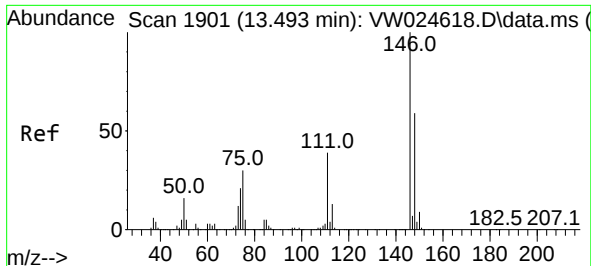
Tgt Ion:105 Resp: 667479
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 28.020 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW024618.D
 Acq: 21 Sep 2022 13:59

Tgt Ion:105 Resp: 670496
 Ion Ratio Lower Upper
 105 100
 120 45.4 36.3 54.5

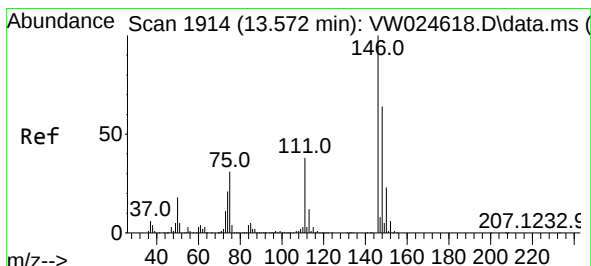
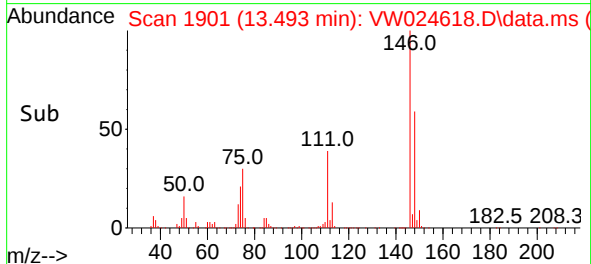
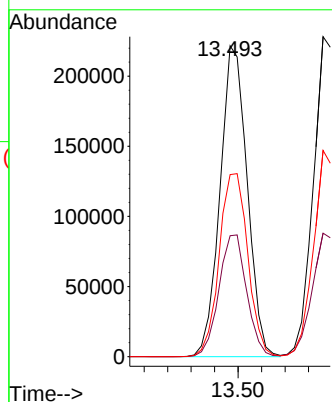
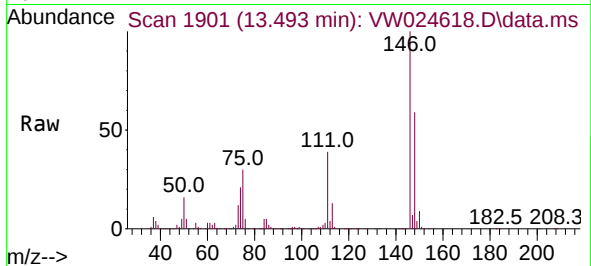




#64
1,3-Dichlorobenzene
Concen: 26.835 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

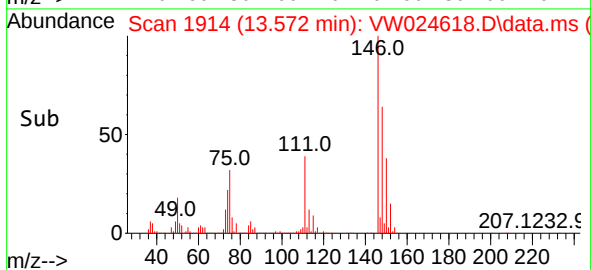
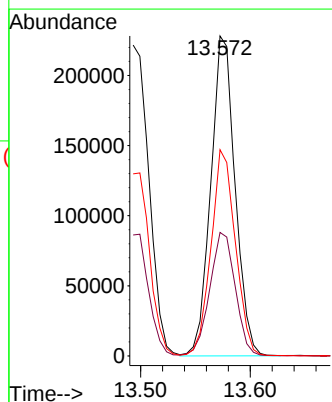
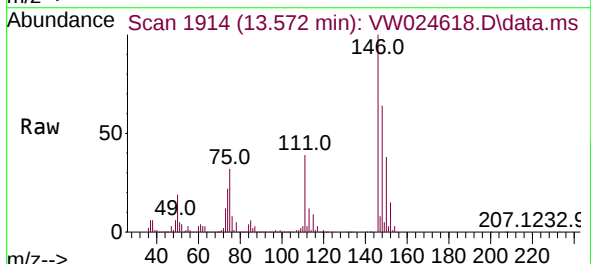
Instrument :
MSVOA_W
ClientSampleId :

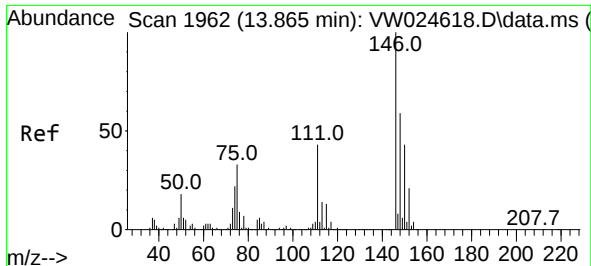
Tgt Ion:146 Resp: 356233
Ion Ratio Lower Upper
146 100
111 38.9 27.2 50.6
148 58.6 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 25.748 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024618.D
Acq: 21 Sep 2022 13:59

Tgt Ion:146 Resp: 351603
Ion Ratio Lower Upper
146 100
111 38.6 27.0 50.2
148 64.5 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 26.082 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

Instrument :

MSVOA_W

ClientSampleId :

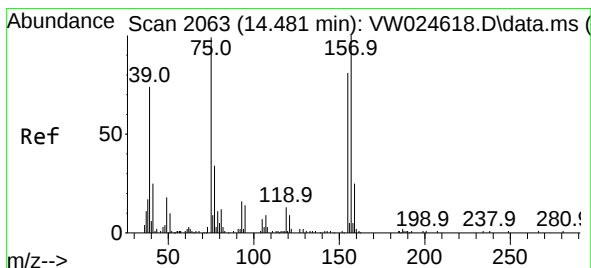
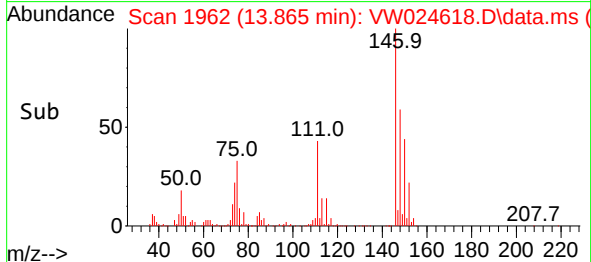
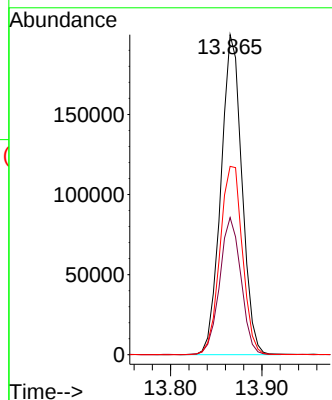
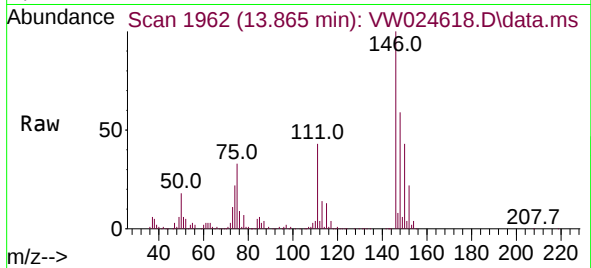
Tgt Ion:146 Resp: 319711

Ion Ratio Lower Upper

146 100

111 42.8 34.2 51.4

148 58.8 47.0 70.6



#68

1,2-Dibromo-3-chloropropane

Concen: 23.297 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

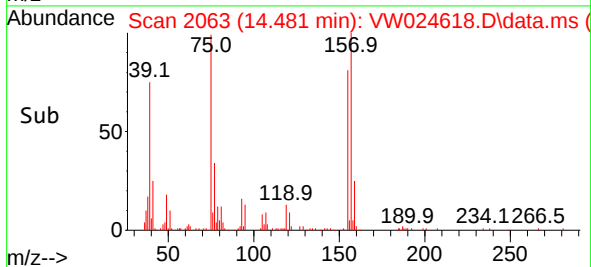
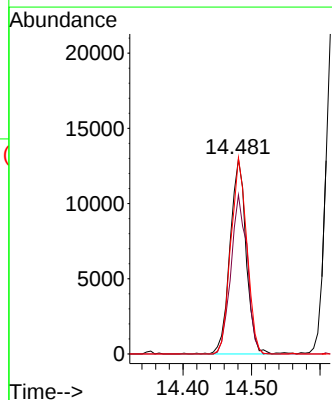
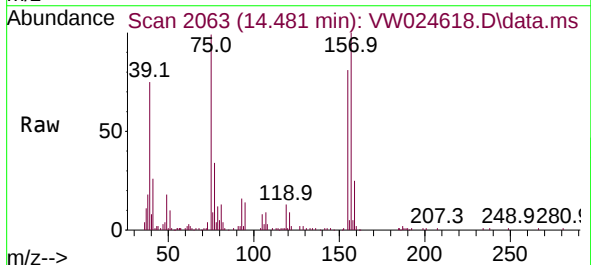
Tgt Ion: 75 Resp: 21225

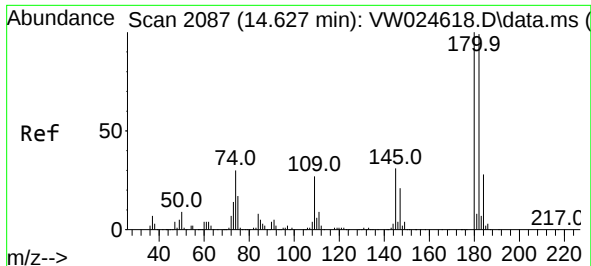
Ion Ratio Lower Upper

75 100

155 81.7 65.4 98.0

157 100.8 80.6 121.0





#69

1,3,5-Trichlorobenzene

Concen: 26.660 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 232648

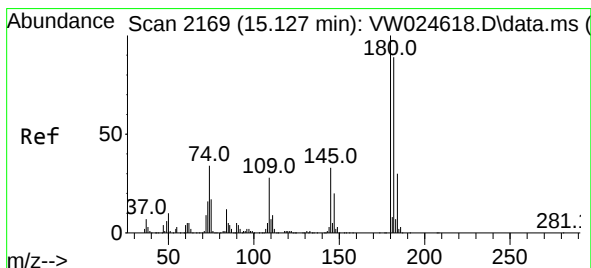
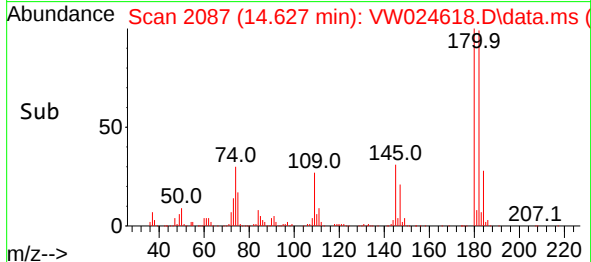
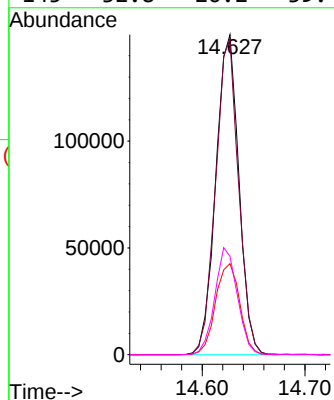
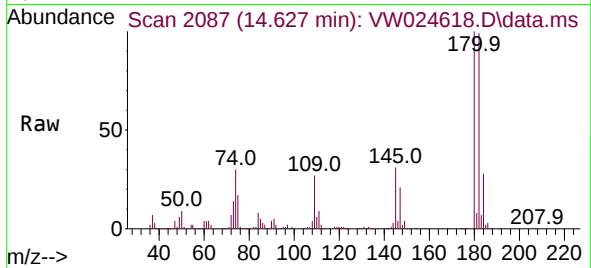
Ion Ratio Lower Upper

180 100

182 98.1 78.5 117.7

184 29.9 23.9 35.9

145 32.8 26.2 39.4



#70

1,2,4-trichlorobenzene

Concen: 27.288 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

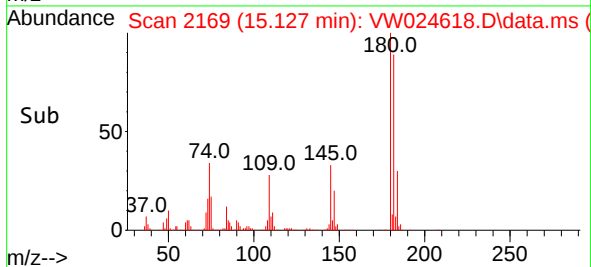
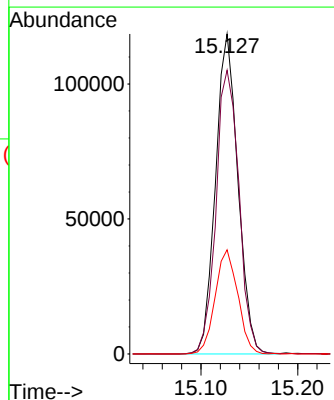
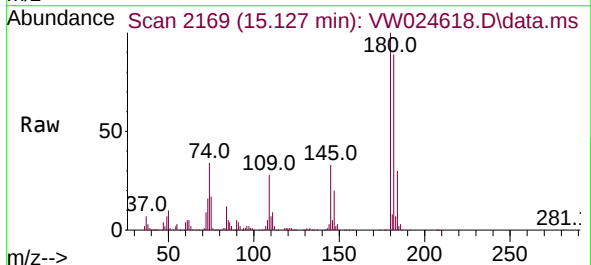
Tgt Ion:180 Resp: 190515

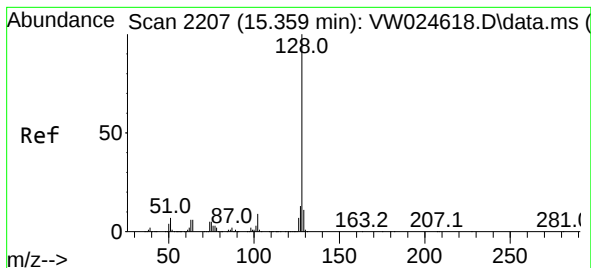
Ion Ratio Lower Upper

180 100

182 90.7 72.6 108.8

145 32.9 26.3 39.5





#71

Naphthalene

Concen: 27.364 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

Instrument :

MSVOA_W

ClientSampleId :

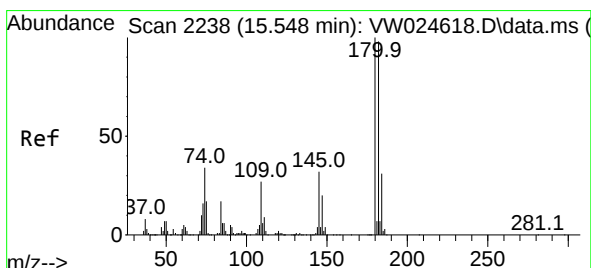
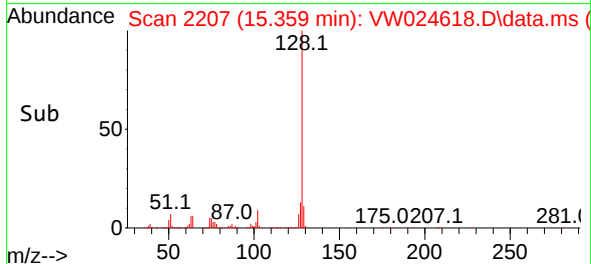
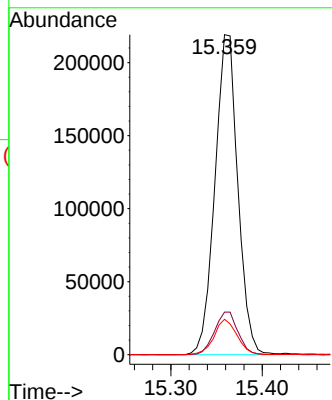
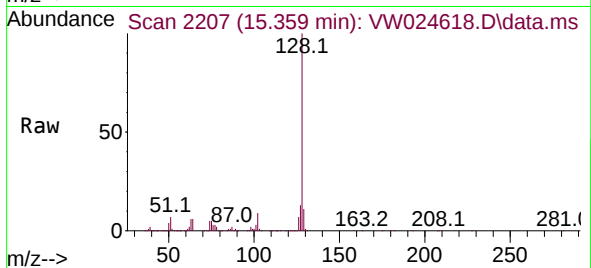
Tgt Ion:128 Resp: 381956

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 26.144 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024618.D

Acq: 21 Sep 2022 13:59

Tgt Ion:180 Resp: 165862

Ion Ratio Lower Upper

180 100

182 94.0 75.2 112.8

145 34.6 27.7 41.5

