

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092122\
 Data File : VW024621.D
 Acq On : 21 Sep 2022 16:05
 Operator : SY/VA
 Sample : VSTD00544
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 22 01:36:20 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	386092	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	361500	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	183793	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	46187	5.243	ug/L	0.00
7) Chloroethane-d5	2.873	69	40103	5.403	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	52336	5.357	ug/L	0.00
21) 2-Butanone-d5	7.226	46	237	0.200	ug/L	0.15
24) Chloroform-d	7.647	84	58759	5.351	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.299	65	30690	5.166	ug/L	0.00
32) Benzene-d6	8.268	84	109951	5.425	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	32217	5.541	ug/L	0.00
41) Toluene-d8	10.323	98	105523	5.351	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	13463	5.185	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	8755	9.428	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	26941	5.313	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	33981	5.164	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	7949	4.531	ug/L	92
3) Chloromethane	2.209	50	34610	5.033	ug/L	98
5) Vinyl chloride	2.355	62	49531	5.110	ug/L	98
6) Bromomethane	2.769	94	48954	5.687	ug/L	96
8) Chloroethane	2.910	64	32182	5.375	ug/L	96
9) Trichlorofluoromethane	3.245	101	21202	5.592	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.147	101	240	0.044	ug/L	88
12) 1,1-Dichloroethene	4.031	96	23965	4.948	ug/L	93
13) Acetone	4.141	43	11824	13.280	ug/L	77
14) Carbon disulfide	4.373	76	77150	5.112	ug/L	96
15) Methyl Acetate	4.769	43	180	0.084	ug/L	93
16) Methylene chloride	4.915	84	35202	5.394	ug/L	92
17) trans-1,2-Dichloroethene	5.415	96	27868	5.339	ug/L	90
18) Methyl tert-butyl Ether	5.421	73	40264	4.599	ug/L #	88
19) 1,1-Dichloroethane	6.214	63	45939	4.967	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	27692	4.843	ug/L #	89
22) 2-Butanone	7.183	43	12495	9.177	ug/L	82
23) Bromochloromethane	7.506	128	13574	4.997	ug/L	92
25) Chloroform	7.671	83	50923	4.998	ug/L	91
27) 1,2-Dichloroethane	8.317	62	1277	0.189	ug/L	95
29) Cyclohexane	7.951	56	38688	4.789	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	43490	5.179	ug/L	98
31) Carbon tetrachloride	8.067	117	41393	5.181	ug/L	99
33) Benzene	8.323	78	109312	5.076	ug/L	100
34) Trichloroethene	9.092	95	29453	5.047	ug/L	98
35) Methylcyclohexane	9.329	83	45961	4.720	ug/L	95
37) 1,2-Dichloropropane	9.366	63	25873	5.116	ug/L #	97
38) Bromodichloromethane	9.646	83	35593	4.946	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	38248	4.849	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	26231	9.030	ug/L	97
42) Toluene	10.384	91	120480	4.984	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	32384	4.622	ug/L	99

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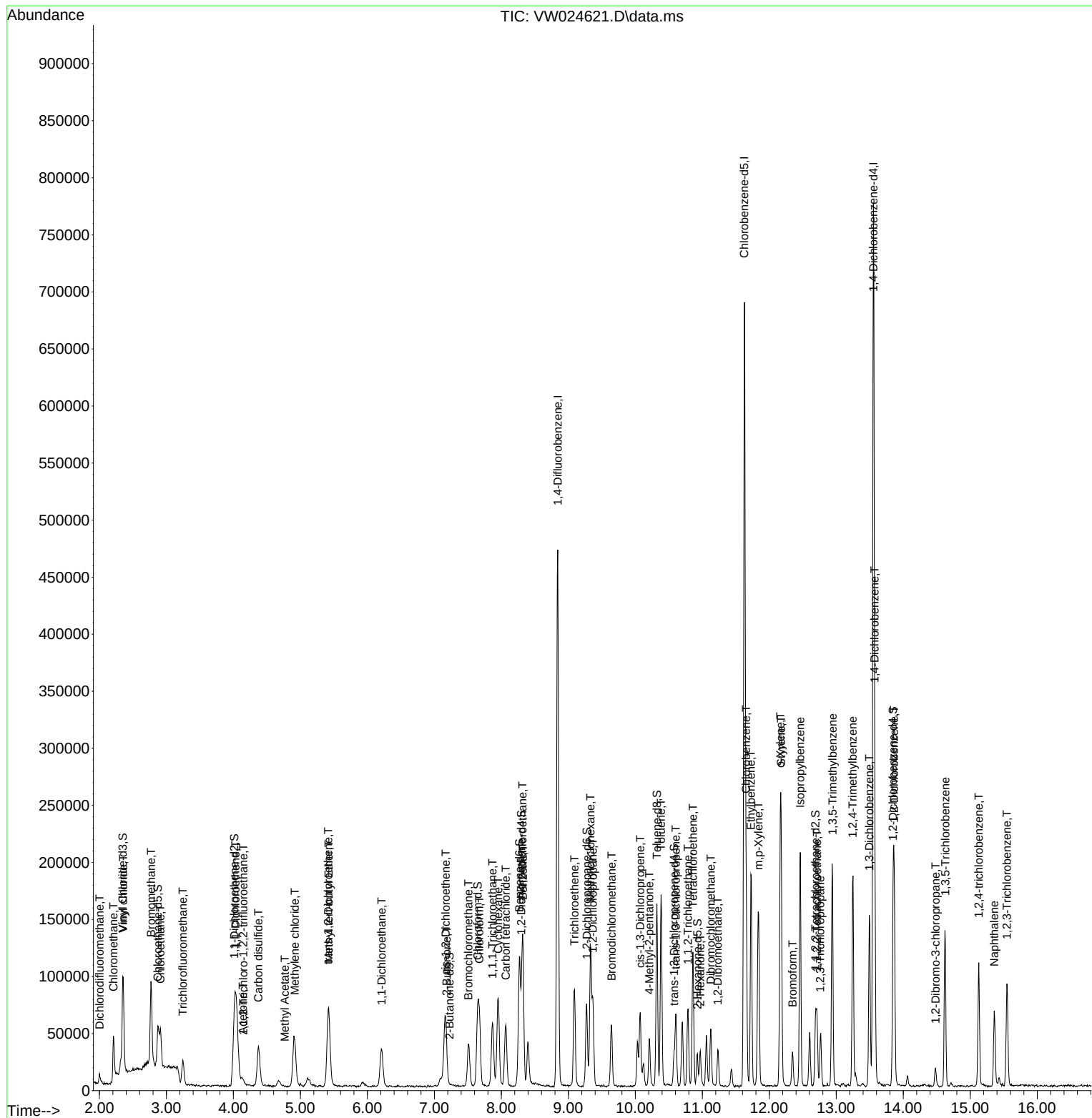
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	20630	4.901	ug/L	94
46) Tetrachloroethene	10.860	164	22450	4.889	ug/L	89
48) 2-Hexanone	10.969	43	17919	8.990	ug/L	98
49) Dibromochloromethane	11.128	129	23846	4.687	ug/L	94
50) 1,2-Dibromoethane	11.231	107	20111	4.897	ug/L	99
51) Chlorobenzene	11.652	112	80559	5.053	ug/L	95
52) Ethylbenzene	11.725	91	129587	4.880	ug/L	99
53) m,p-Xylene	11.841	106	50543	4.793	ug/L	98
54) o-Xylene	12.164	106	47035	4.755	ug/L	93
55) Styrene	12.176	104	79819	4.691	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	25539	5.072	ug/L	94
59) Bromoform	12.347	173	11723	4.367	ug/L #	97
60) Isopropylbenzene	12.463	105	127464	4.942	ug/L	99
61) 1,2,3-Trichloropropane	12.762	75	17427	5.083	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	98555	4.703	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	99514	4.746	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	57941	4.981	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	61241	5.118	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	54208	5.047	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	4198	5.259	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	38229	5.000	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	28078	4.590	ug/L	93
71) Naphthalene	15.359	128	53226	4.352	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	27020	4.861	ug/L	98

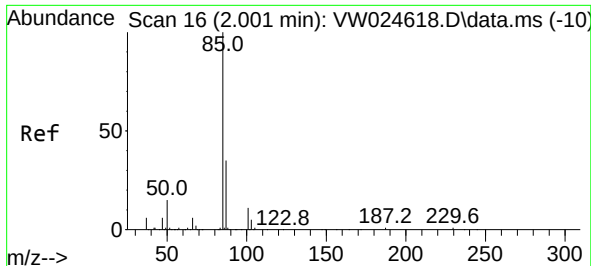
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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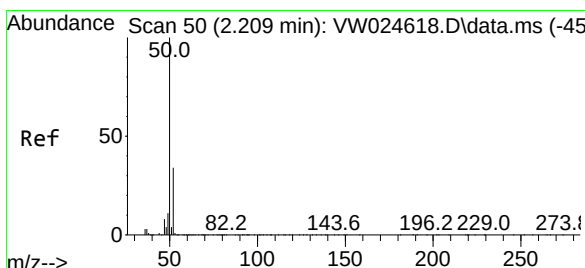
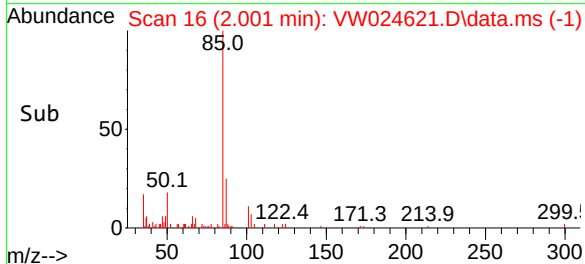
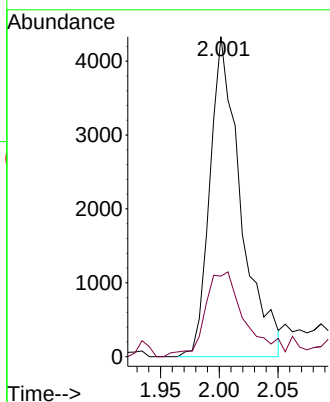
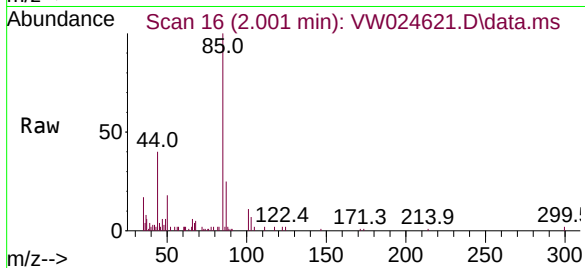




#2
 Dichlorodifluoromethane
 Concen: 4.531 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024621.D
 Acq: 21 Sep 2022 16:05

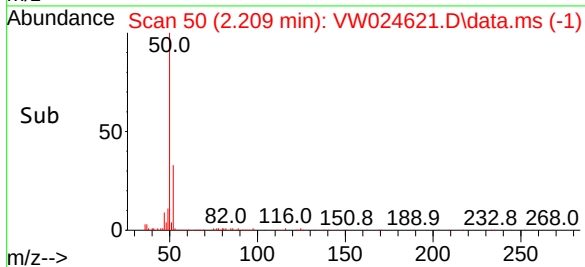
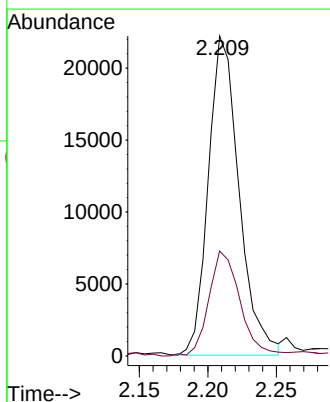
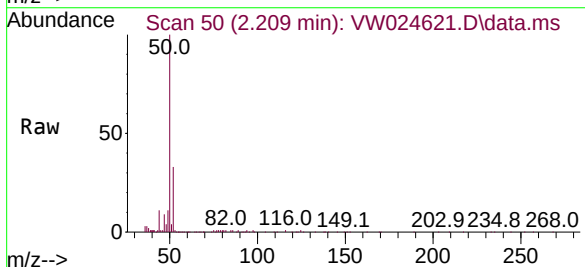
Instrument :
 MSVOA_W
 ClientSampleId :

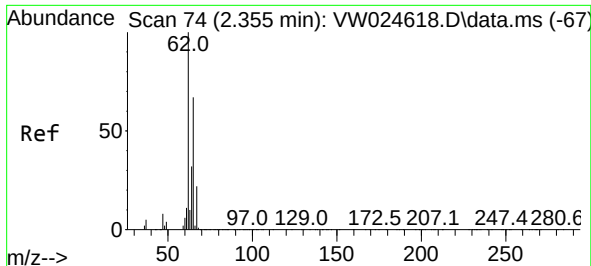
Tgt Ion: 85 Resp: 7949
 Ion Ratio Lower Upper
 85 100
 87 30.2 27.9 41.9



#3
 Chloromethane
 Concen: 5.033 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW024621.D
 Acq: 21 Sep 2022 16:05

Tgt Ion: 50 Resp: 34610
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.9 44.3

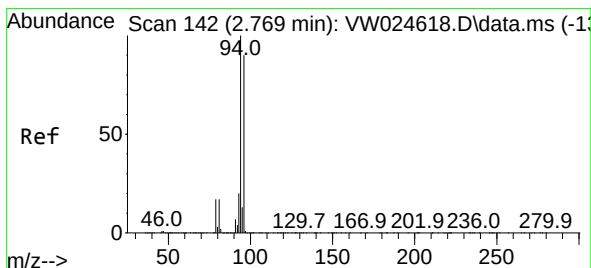
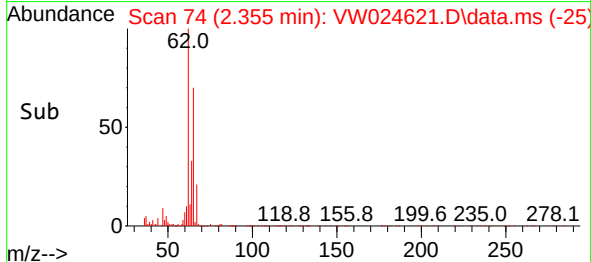
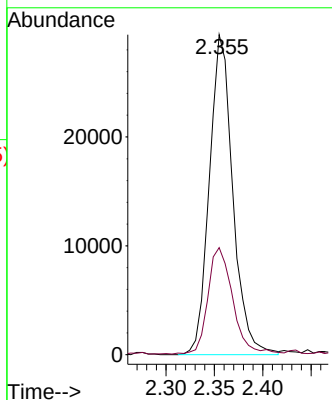
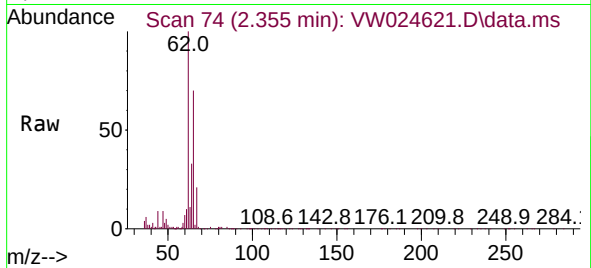




#5
 Vinyl chloride
 Concen: 5.110 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW024621.D
 Acq: 21 Sep 2022 16:05

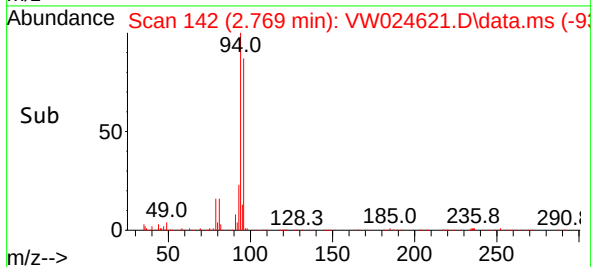
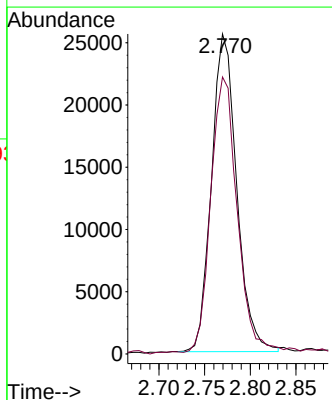
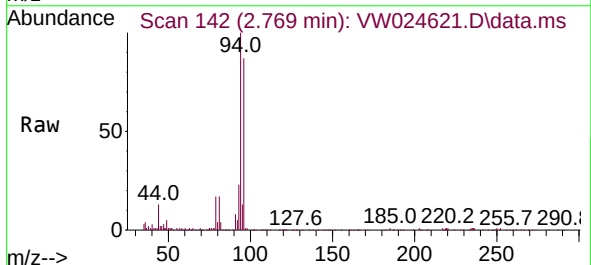
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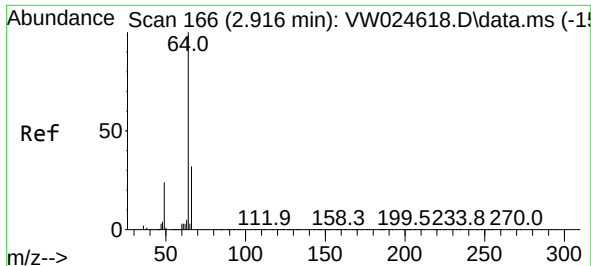
Tgt Ion: 62 Resp: 49531
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.7 42.1



#6
 Bromomethane
 Concen: 5.687 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW024621.D
 Acq: 21 Sep 2022 16:05

Tgt Ion: 94 Resp: 48954
 Ion Ratio Lower Upper
 94 100
 96 86.5 63.0 117.0

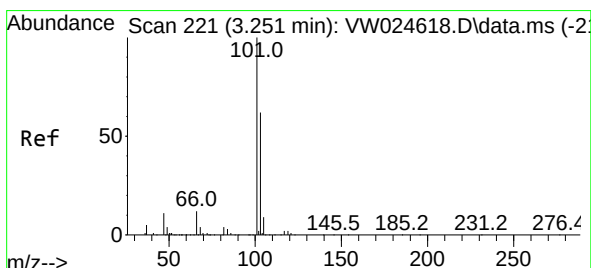
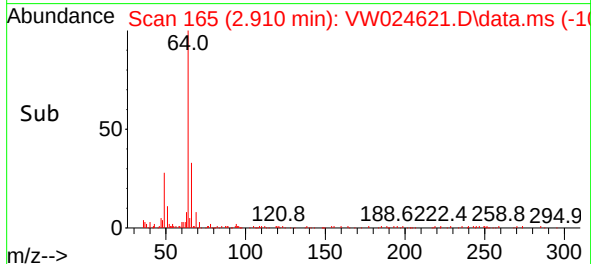
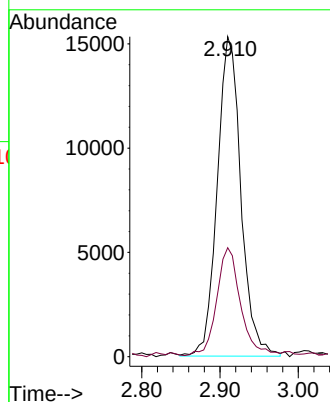
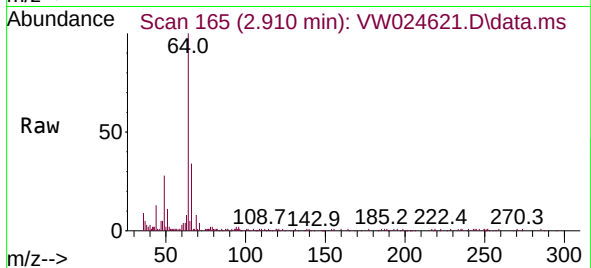




#8
Chloroethane
Concen: 5.375 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

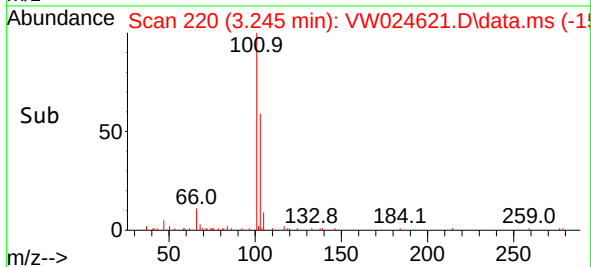
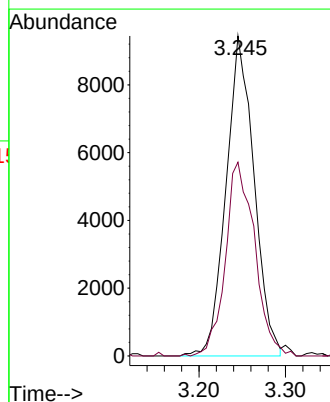
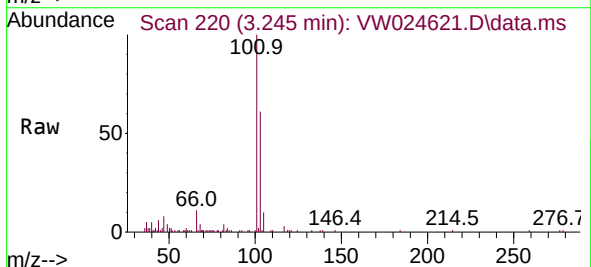
Instrument :
MSVOA_W
ClientSampleId :

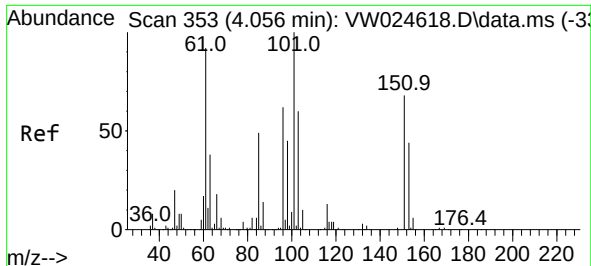
Tgt Ion: 64 Resp: 32182
Ion Ratio Lower Upper
64 100
66 34.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.592 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

Tgt Ion: 101 Resp: 21202
Ion Ratio Lower Upper
101 100
103 63.3 51.7 77.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.044 ug/L

RT: 4.147 min Scan# 3

Delta R.T. 0.092 min

Lab File: VW024621.D

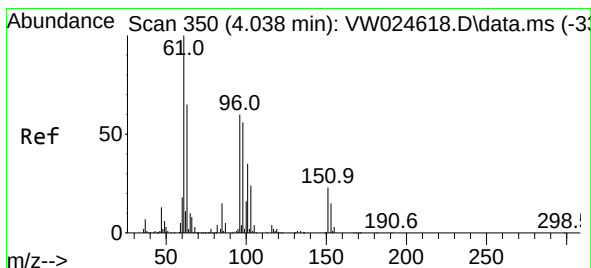
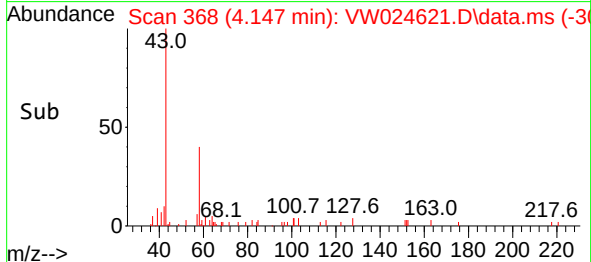
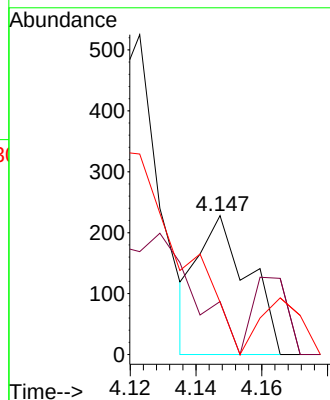
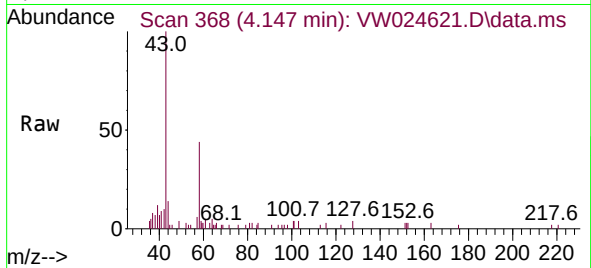
Acq: 21 Sep 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:101	Resp:	240
Ion	Ratio	Lower Upper
101	100	
85	38.3	37.4 56.0
151	32.9	31.5 47.3



#12

1,1-Dichloroethene

Concen: 4.948 ug/L

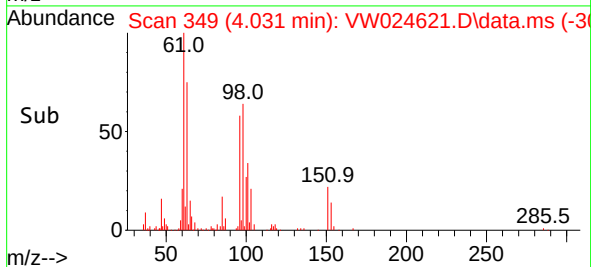
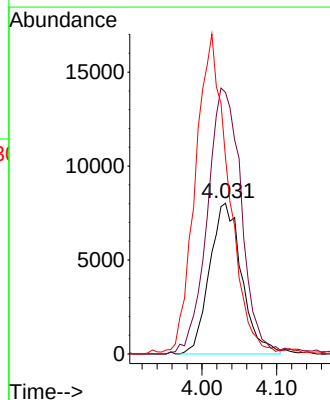
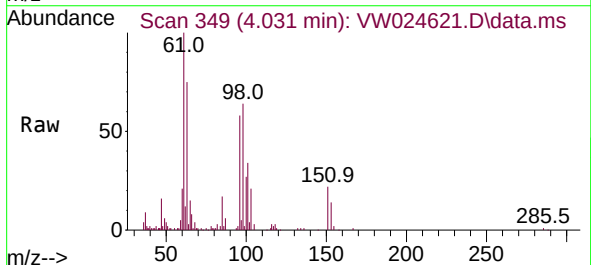
RT: 4.031 min Scan# 349

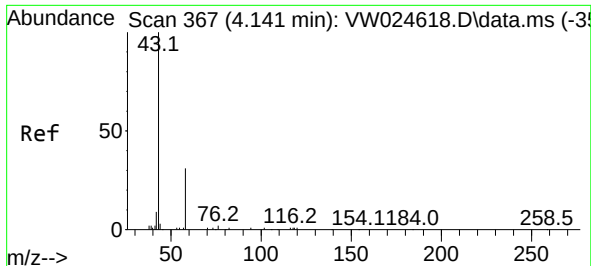
Delta R.T. -0.006 min

Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

Tgt Ion: 96	Resp:	23965
Ion	Ratio	Lower Upper
96	100	
61	173.6	118.4 220.0
63	130.4	82.4 153.0

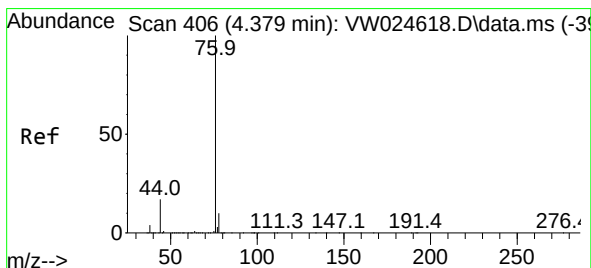
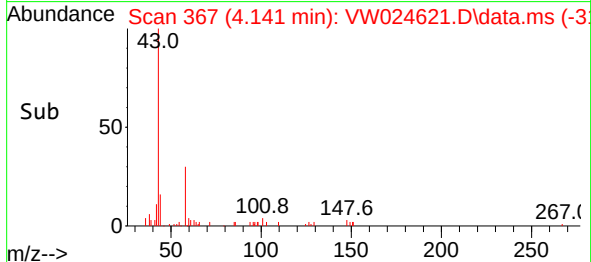
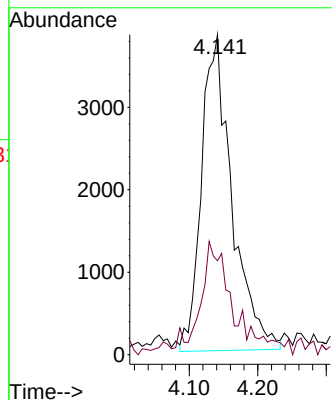
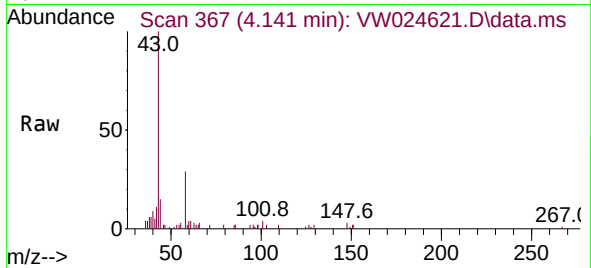




#13
Acetone
Concen: 13.280 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

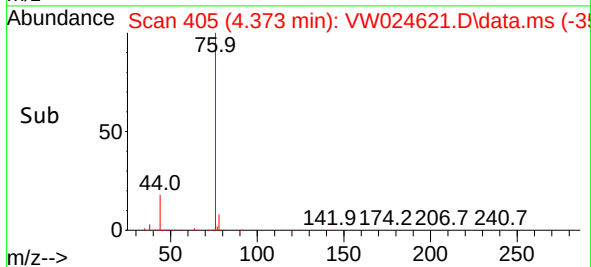
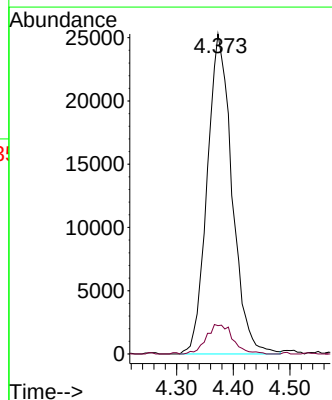
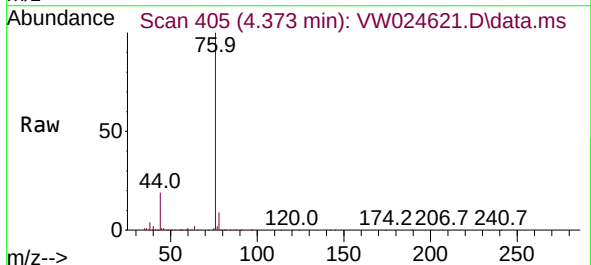
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MSVOA_W
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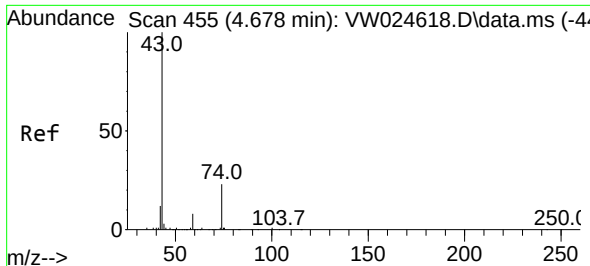
Tgt Ion: 43 Resp: 11824
Ion Ratio Lower Upper
43 100
58 18.3 0.0 62.2



#14
Carbon disulfide
Concen: 5.112 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

Tgt Ion: 76 Resp: 77150
Ion Ratio Lower Upper
76 100
78 8.9 8.2 12.2

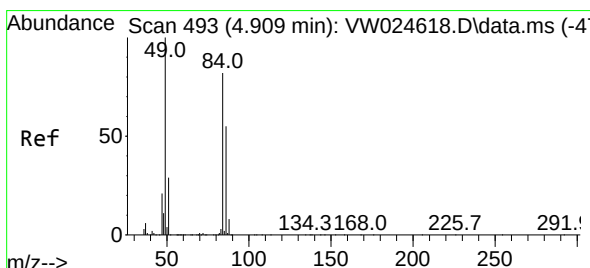
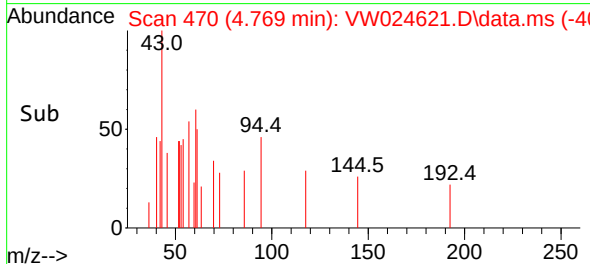
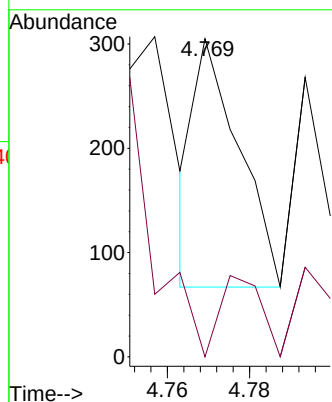
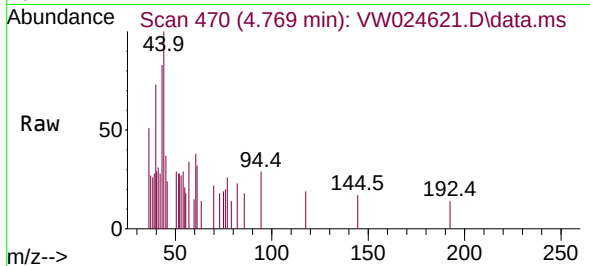




#15
Methyl Acetate
Concen: 0.084 ug/L
RT: 4.769 min Scan# 41
Delta R.T. 0.091 min
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Acq: 21 Sep 2022 16:05

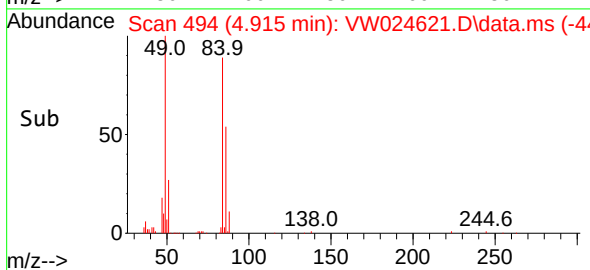
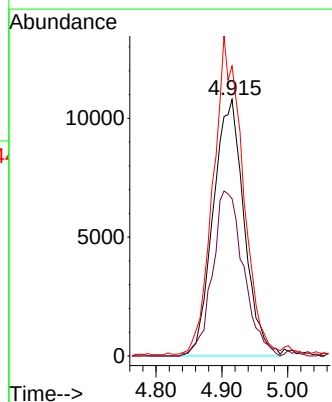
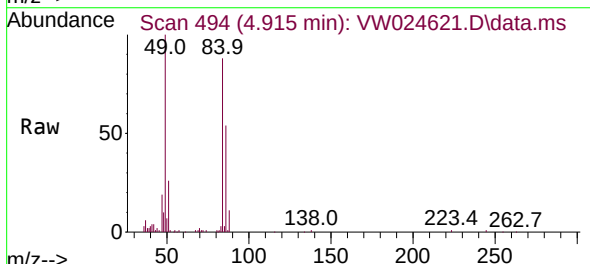
Instrument :
MSVOA_W
ClientSampleId :

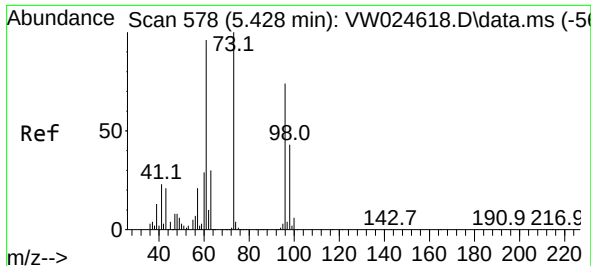
Tgt Ion: 43 Resp: 180
Ion Ratio Lower Upper
43 100
74 29.4 20.6 31.0



#16
Methylene chloride
Concen: 5.394 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

Tgt Ion: 84 Resp: 35202
Ion Ratio Lower Upper
84 100
86 61.3 46.8 87.0
49 113.0 86.0 159.8

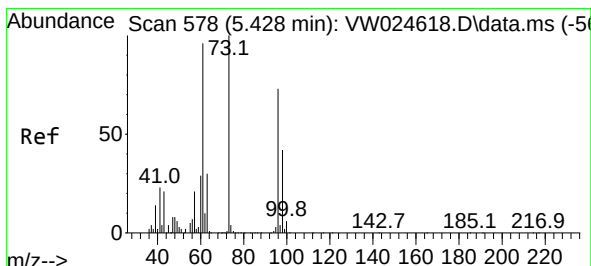
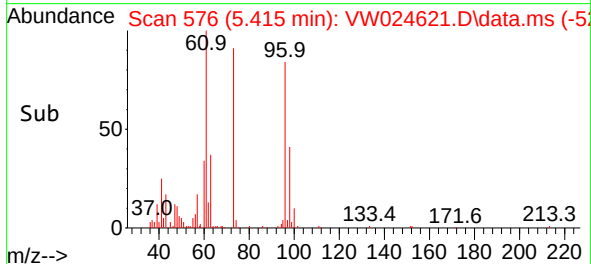
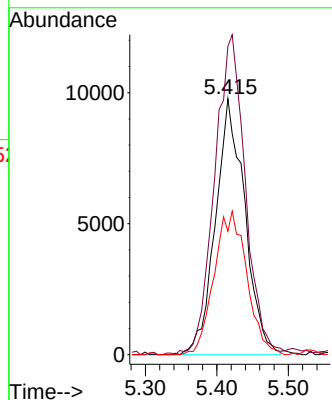
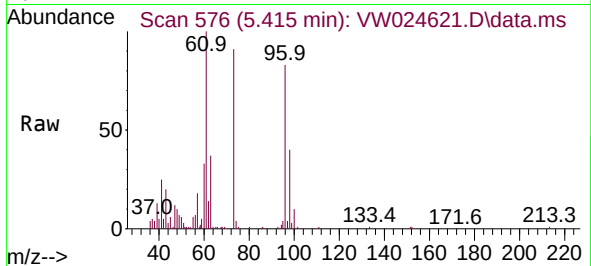




#17
trans-1,2-Dichloroethene
Concen: 5.339 ug/L
RT: 5.415 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

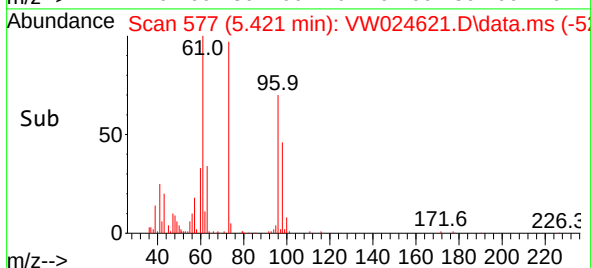
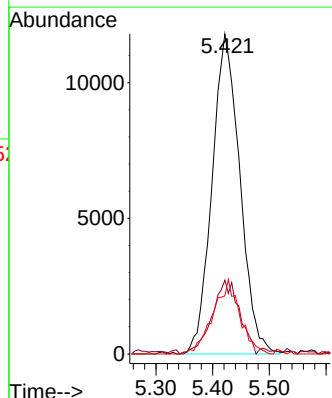
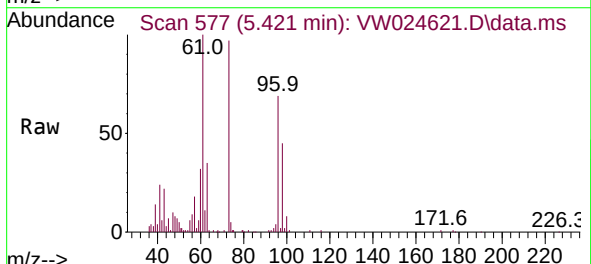
Instrument :
MSVOA_W
ClientSampleId :

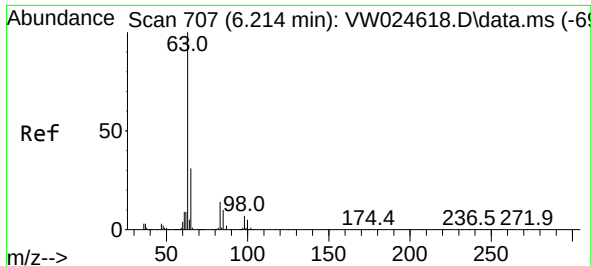
Tgt Ion: 96 Resp: 27868
Ion Ratio Lower Upper
96 100
61 120.4 91.2 169.4
98 48.2 40.5 75.1



#18
Methyl tert-butyl Ether
Concen: 4.599 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

Tgt Ion: 73 Resp: 40264
Ion Ratio Lower Upper
73 100
43 22.6 16.0 24.0
57 13.1 17.0 25.6#





#19

1,1-Dichloroethane

Concen: 4.967 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

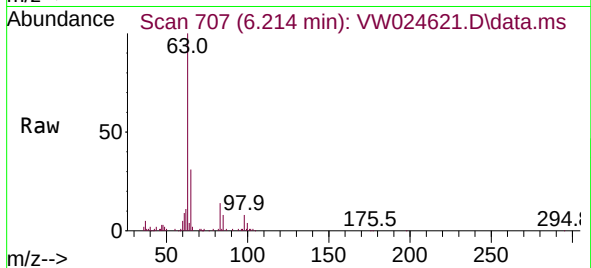
Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :



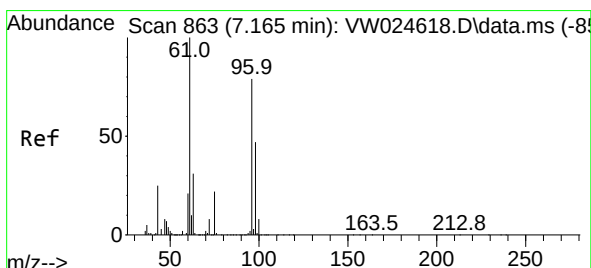
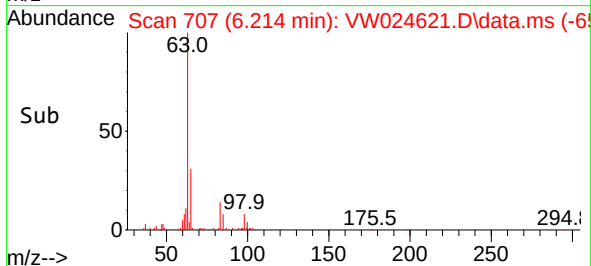
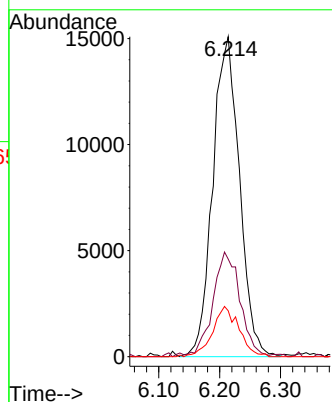
Tgt Ion: 63 Resp: 45939

Ion Ratio Lower Upper

63 100

65 30.5 21.9 40.7

83 14.4 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 4.843 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

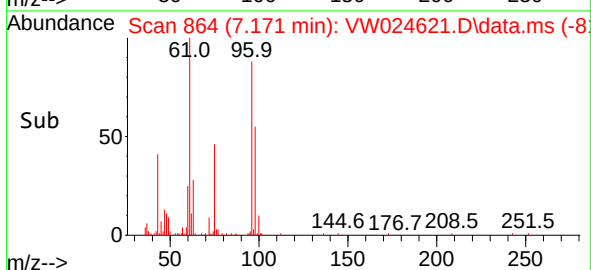
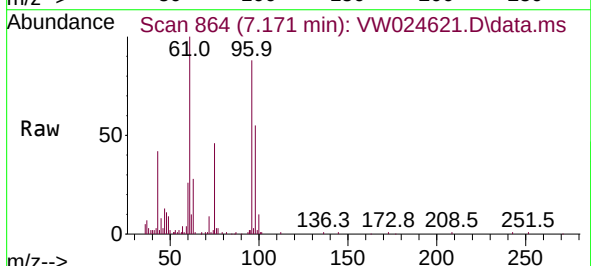
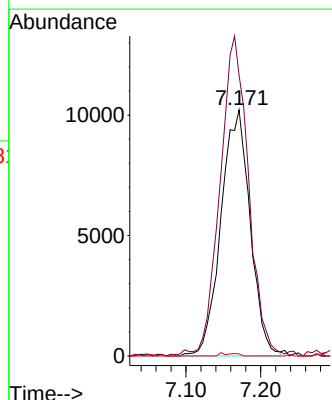
Tgt Ion: 96 Resp: 27692

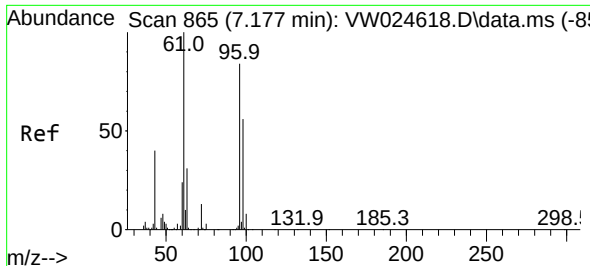
Ion Ratio Lower Upper

96 100

61 114.1 88.9 165.1

68 0.8 0.1 0.1#

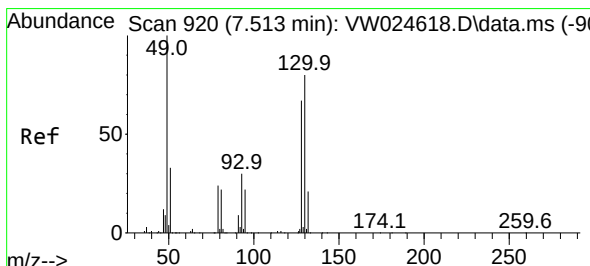
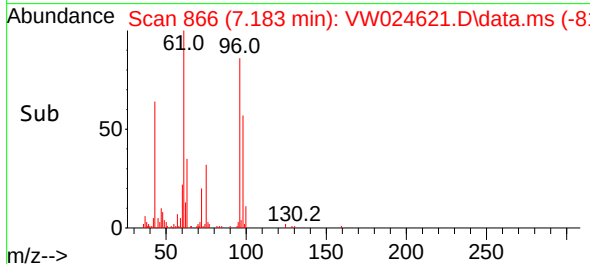
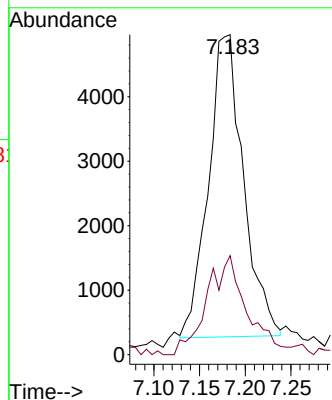
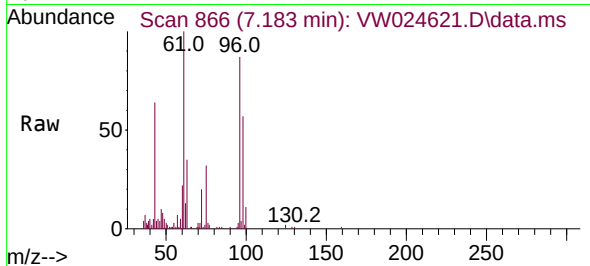




#22
2-Butanone
Concen: 9.177 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

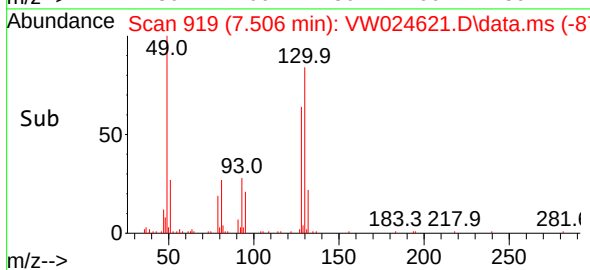
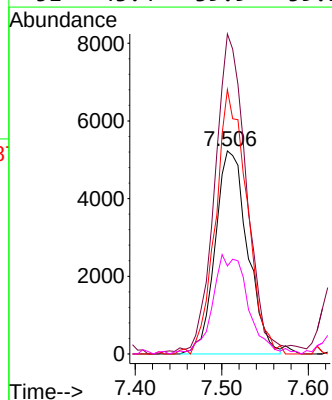
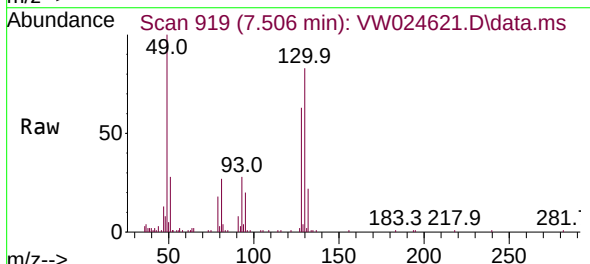
Instrument :
MSVOA_W
ClientSampleId :

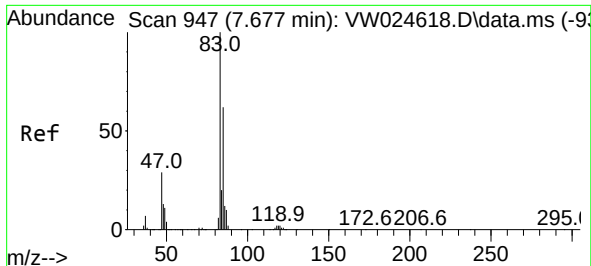
Tgt Ion: 43 Resp: 12495
Ion Ratio Lower Upper
43 100
72 21.8 15.8 47.4



#23
Bromochloromethane
Concen: 4.997 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

Tgt Ion: 128 Resp: 13574
Ion Ratio Lower Upper
128 100
49 157.6 104.9 194.9
130 130.1 84.0 156.0
51 43.4 39.9 59.9

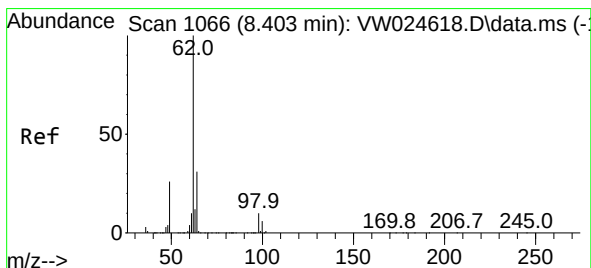
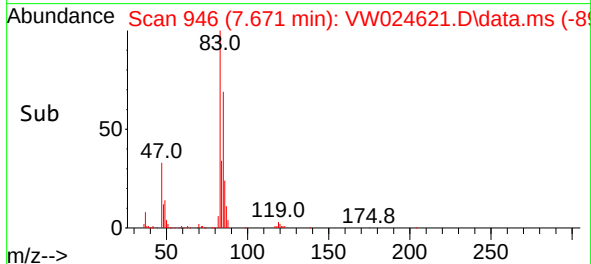
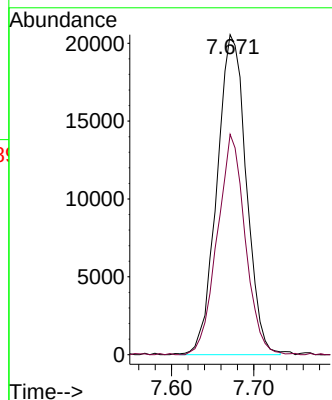
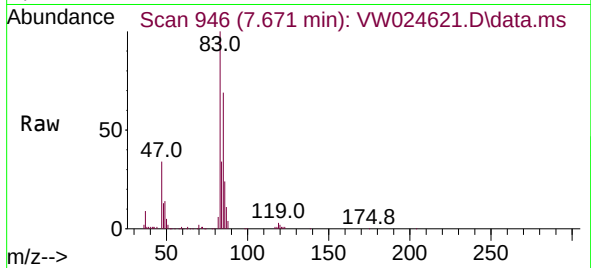




#25
Chloroform
Concen: 4.998 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

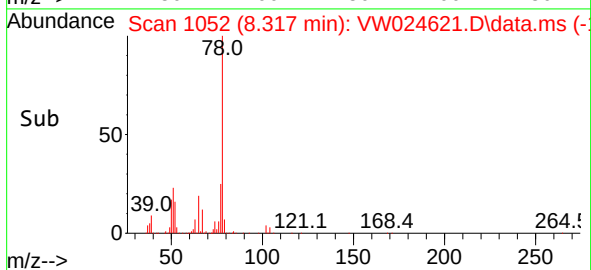
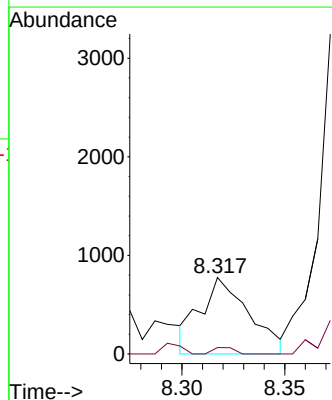
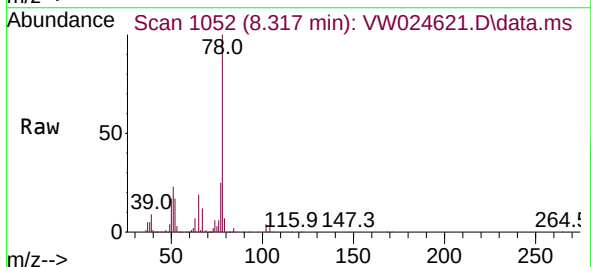
Instrument :
MSVOA_W
ClientSampleId :

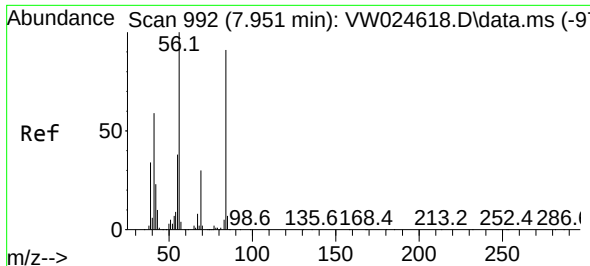
Tgt Ion: 83 Resp: 50923
Ion Ratio Lower Upper
83 100
85 68.9 43.3 80.3



#27
1,2-Dichloroethane
Concen: 0.189 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.085 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

Tgt Ion: 62 Resp: 1277
Ion Ratio Lower Upper
62 100
98 8.4 8.1 12.1

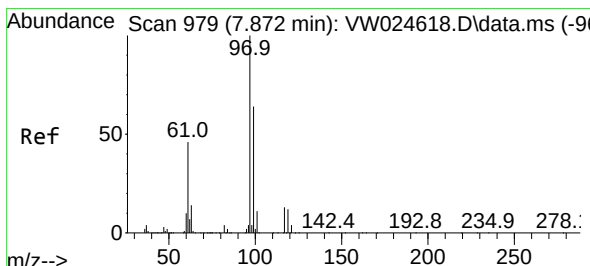
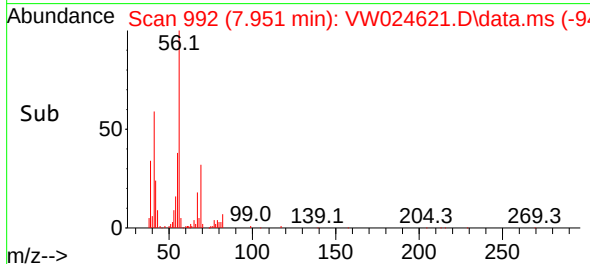
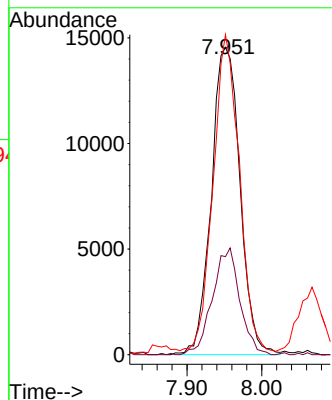
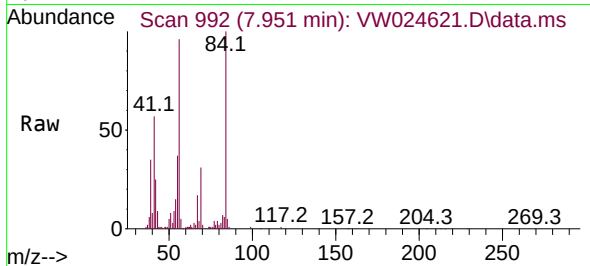




#29
Cyclohexane
Concen: 4.789 ug/L
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

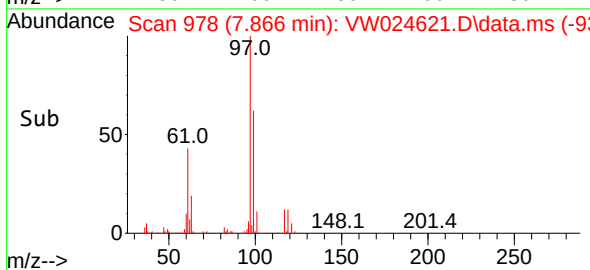
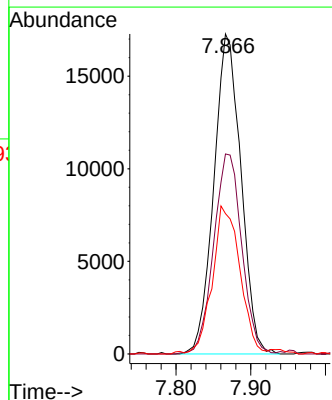
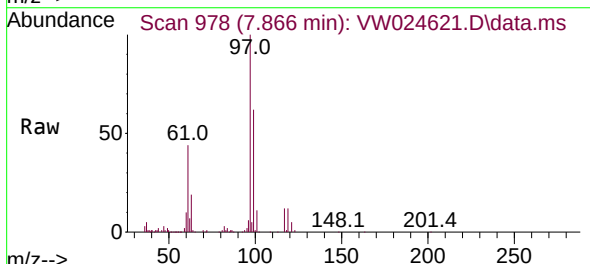
Instrument :
MSVOA_W
ClientSampleId :

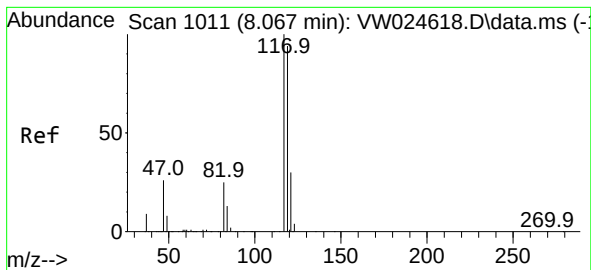
Tgt Ion: 56 Resp: 38688
Ion Ratio Lower Upper
56 100
69 33.2 25.4 38.0
84 96.8 75.4 113.2



#30
1,1,1-Trichloroethane
Concen: 5.179 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

Tgt Ion: 97 Resp: 43490
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.2
61 46.9 35.8 53.6

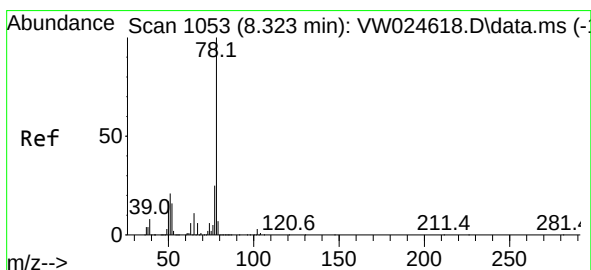
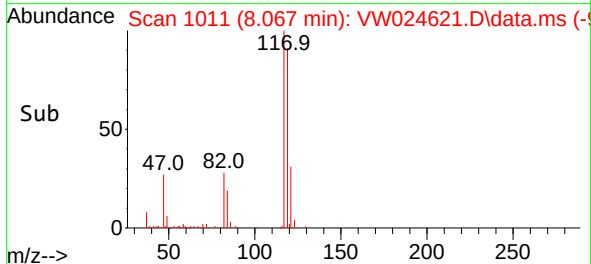
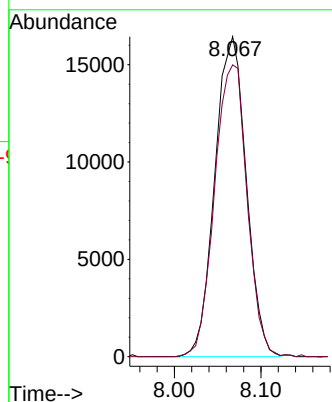
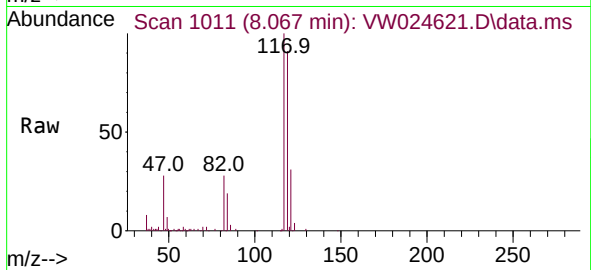




#31
Carbon tetrachloride
Concen: 5.181 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

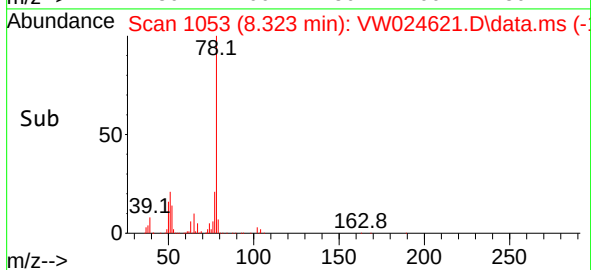
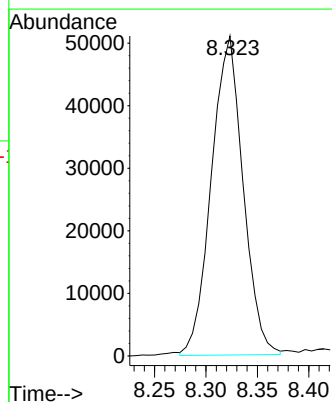
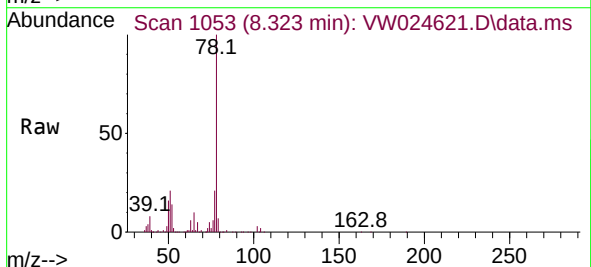
Instrument :
MSVOA_W
ClientSampleId :

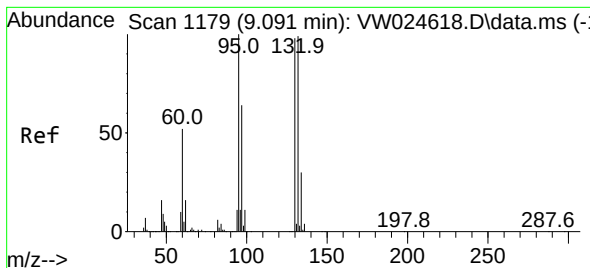
Tgt Ion:117 Resp: 41393
Ion Ratio Lower Upper
117 100
119 94.3 76.5 114.7



#33
Benzene
Concen: 5.076 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

Tgt Ion: 78 Resp: 109312





#34

Trichloroethene

Concen: 5.047 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

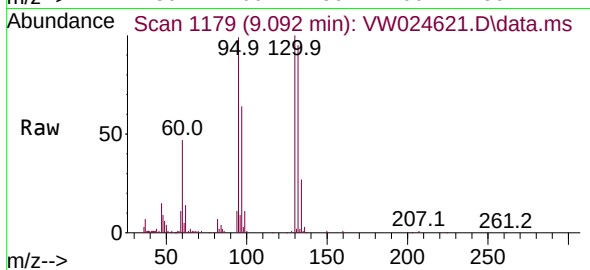
Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 29453

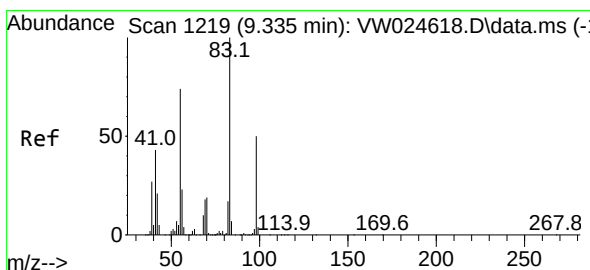
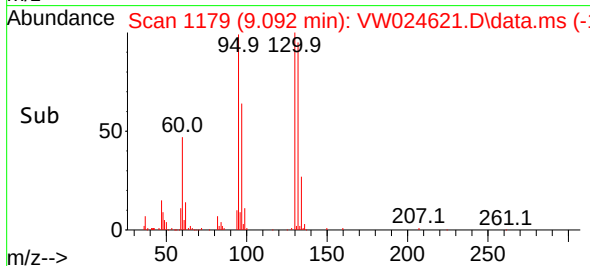
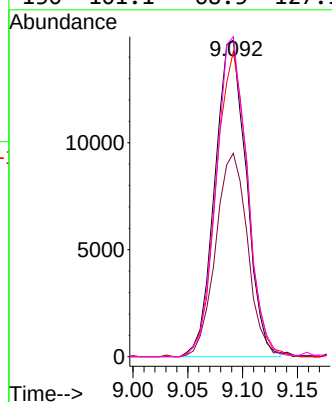
Ion Ratio Lower Upper

95 100

97 64.2 45.1 83.7

132 96.3 69.1 128.3

130 101.1 68.5 127.1



#35

Methylcyclohexane

Concen: 4.720 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

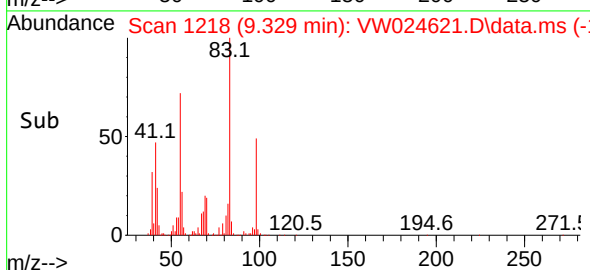
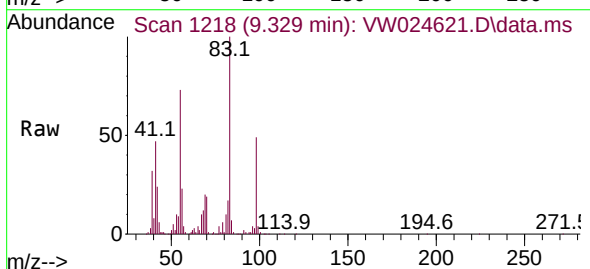
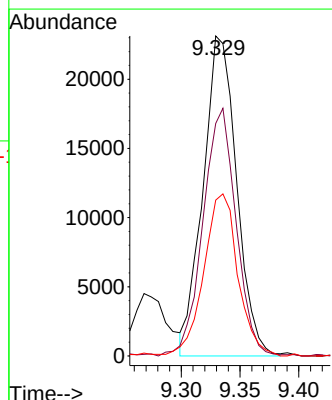
Tgt Ion: 83 Resp: 45961

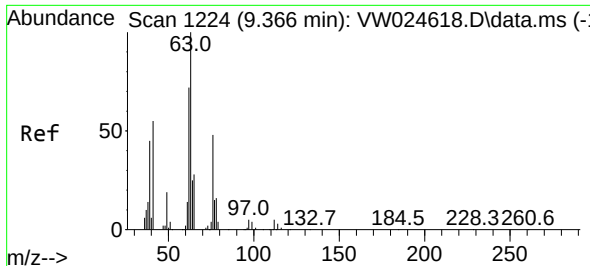
Ion Ratio Lower Upper

83 100

55 76.3 57.0 85.4

98 51.4 39.4 59.0





#37

1,2-Dichloropropane

Concen: 5.116 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

Instrument :

MSVOA_W

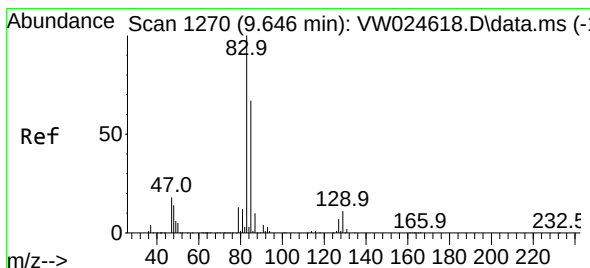
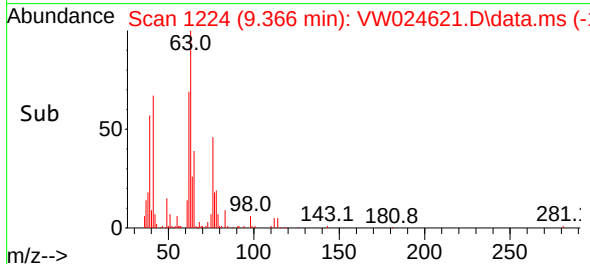
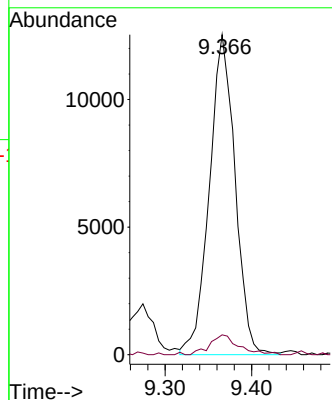
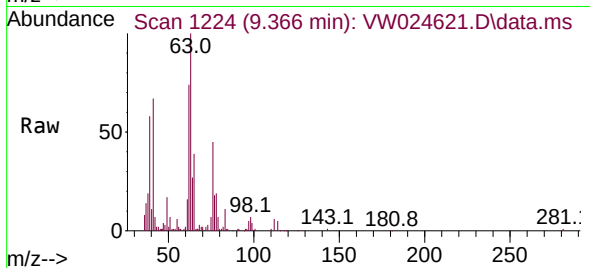
ClientSampleId :

Tgt Ion: 63 Resp: 25873

Ion Ratio Lower Upper

63 100

112 5.6 3.7 5.5#



#38

Bromodichloromethane

Concen: 4.946 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

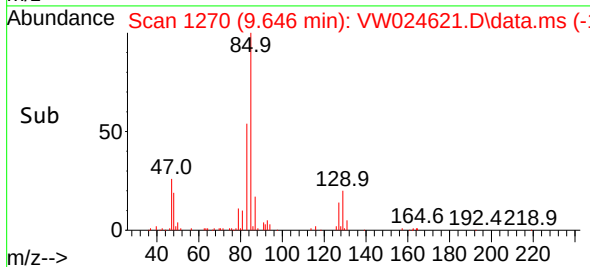
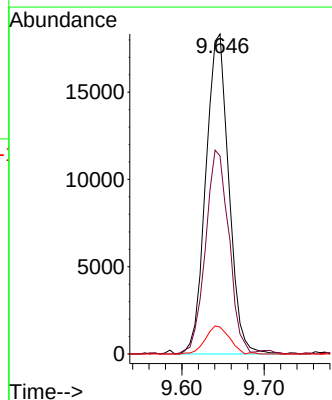
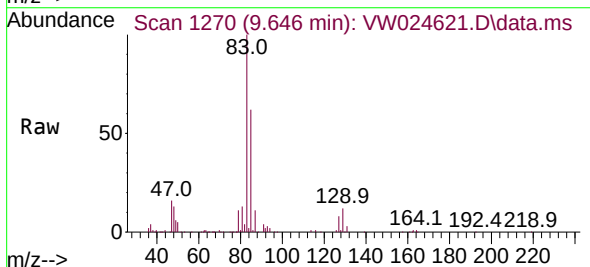
Tgt Ion: 83 Resp: 35593

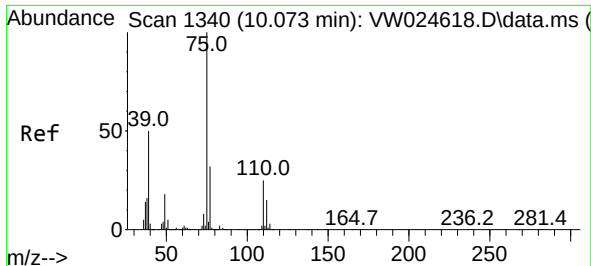
Ion Ratio Lower Upper

83 100

85 61.8 46.7 86.7

127 8.4 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 4.849 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

Instrument :

MSVOA_W

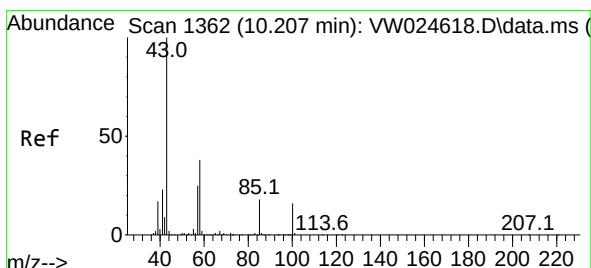
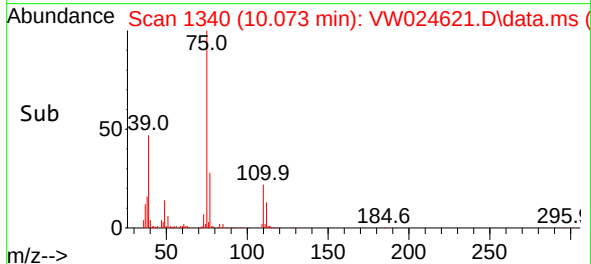
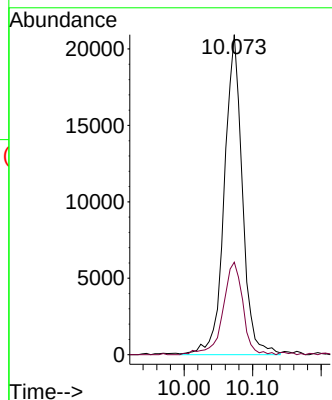
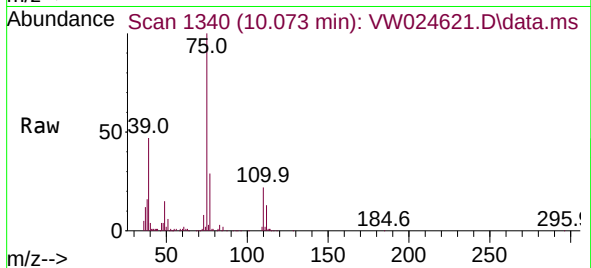
ClientSampleId :

Tgt Ion: 75 Resp: 38248

Ion Ratio Lower Upper

75 100

77 28.9 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 9.030 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

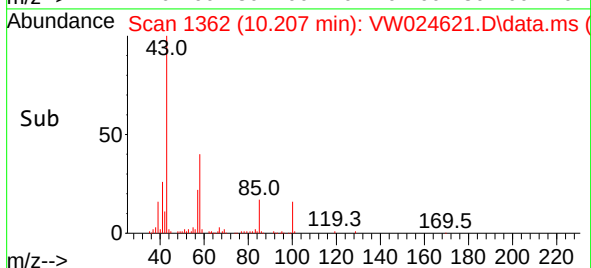
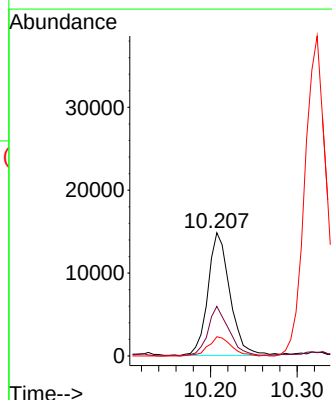
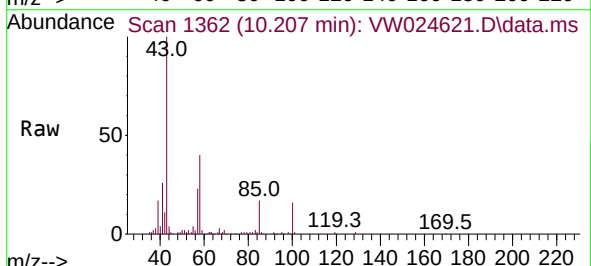
Tgt Ion: 43 Resp: 26231

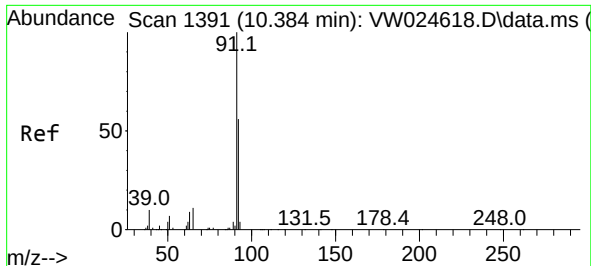
Ion Ratio Lower Upper

43 100

58 38.7 32.2 48.2

100 16.3 14.2 21.4

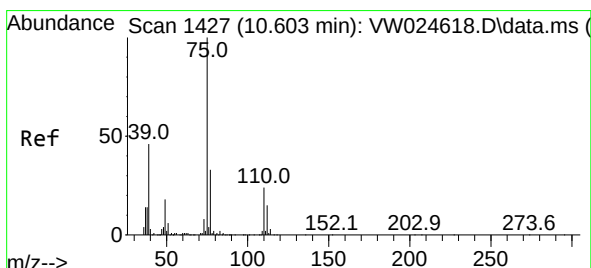
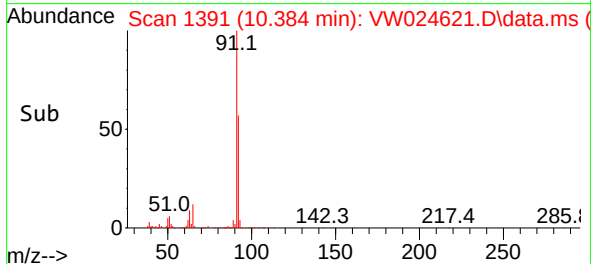
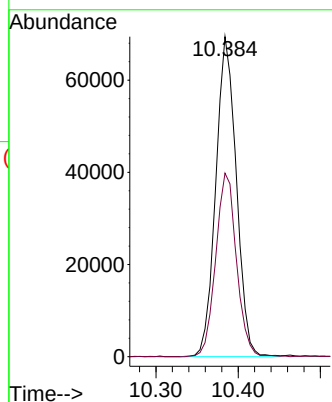
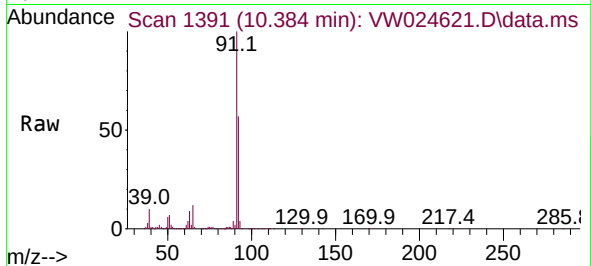




#42
Toluene
Concen: 4.984 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

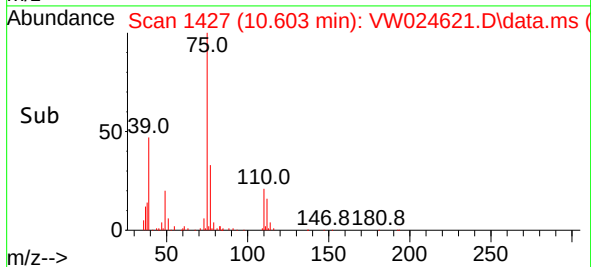
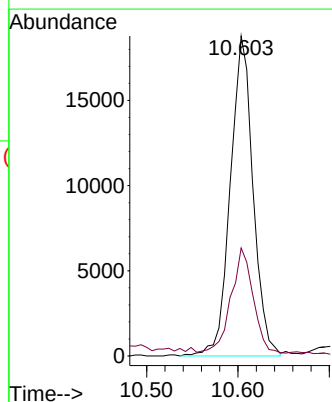
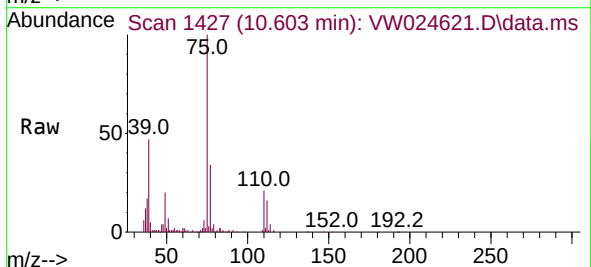
Instrument :
MSVOA_W
ClientSampleId :

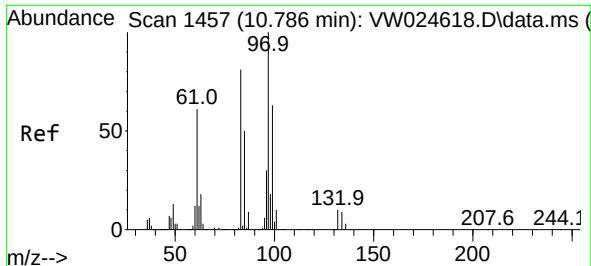
Tgt Ion: 91 Resp: 120480
Ion Ratio Lower Upper
91 100
92 57.3 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 4.622 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

Tgt Ion: 75 Resp: 32384
Ion Ratio Lower Upper
75 100
77 33.7 23.1 42.9

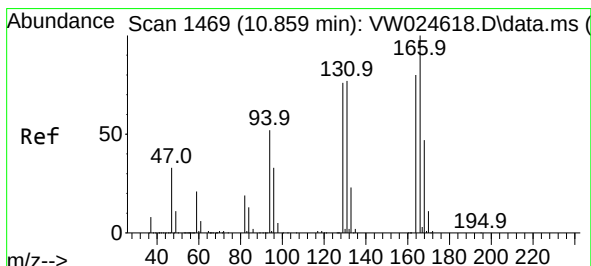
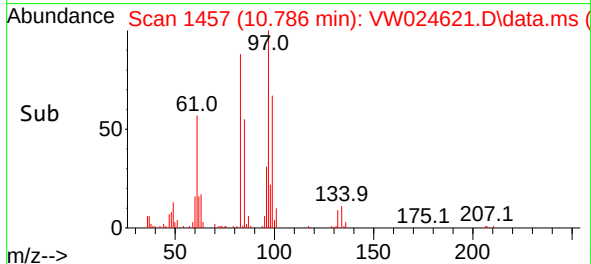
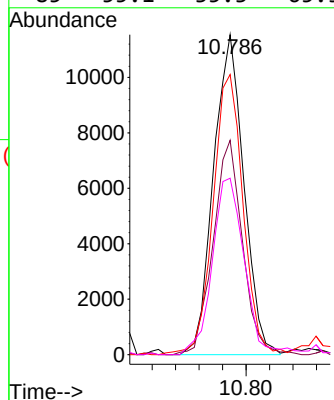
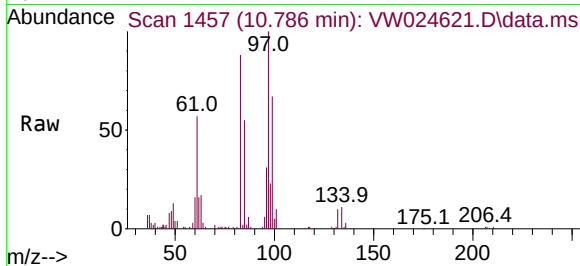




#45
1,1,2-Trichloroethane
Concen: 4.901 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

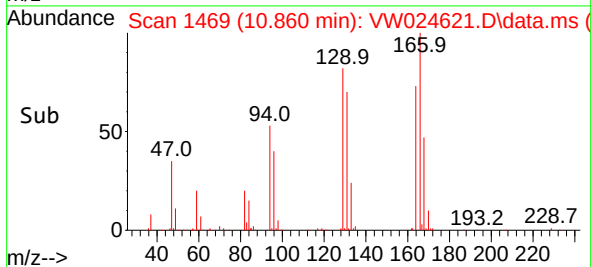
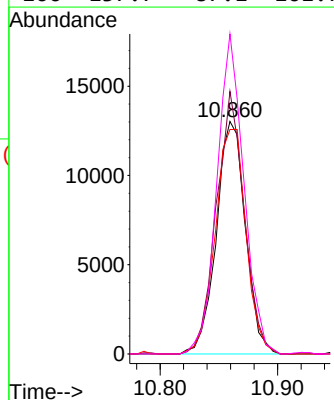
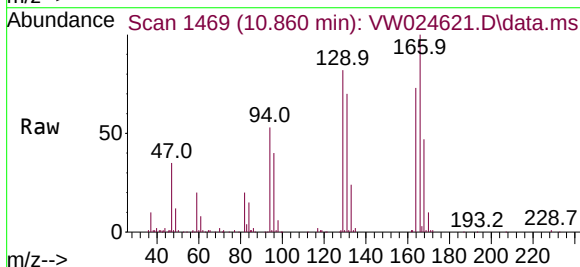
Instrument :
MSVOA_W
ClientSampleId :

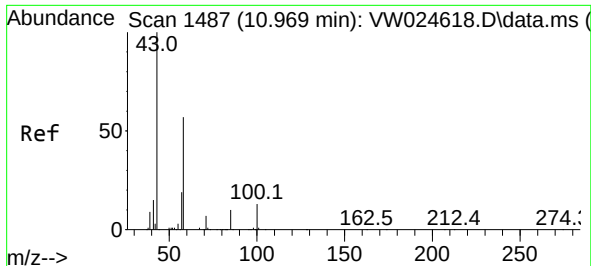
Tgt Ion:	97	Resp:	20630
Ion	Ratio	Lower	Upper
97	100		
99	67.0	44.3	82.3
83	87.5	56.7	105.3
85	55.1	35.3	65.5



#46
Tetrachloroethene
Concen: 4.889 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

Tgt Ion:	164	Resp:	22450
Ion	Ratio	Lower	Upper
164	100		
129	112.9	66.0	122.6
131	96.6	66.9	124.3
166	137.7	87.1	161.7

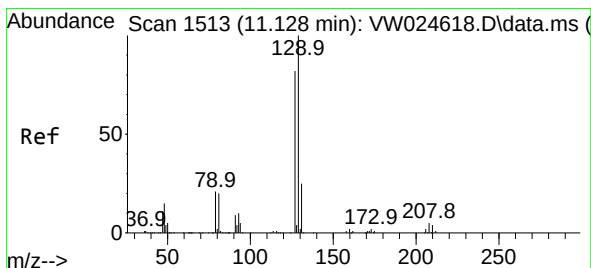
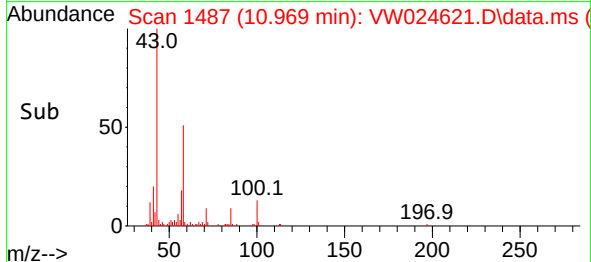
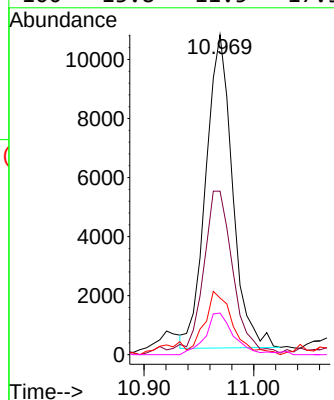
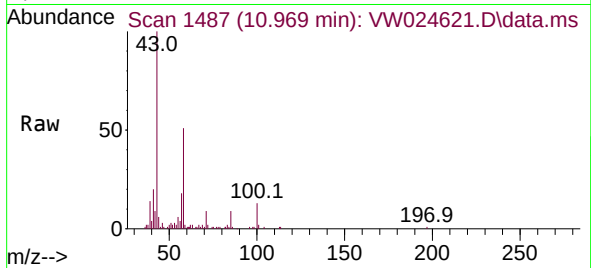




#48
2-Hexanone
Concen: 8.990 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

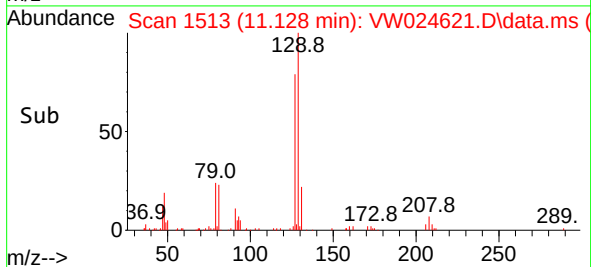
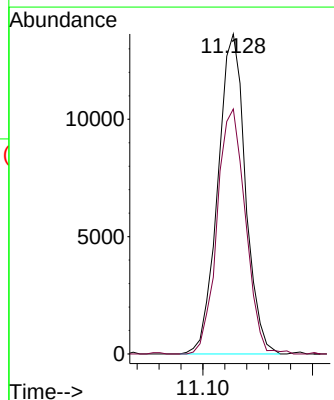
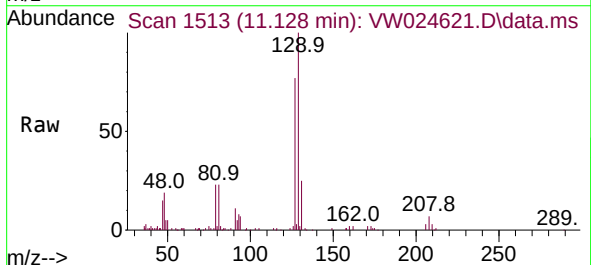
Instrument :
MSVOA_W
ClientSampleId :

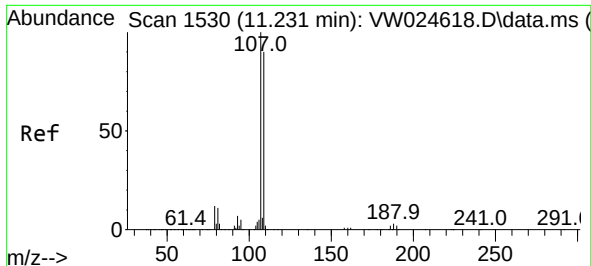
Tgt Ion:	43	Resp:	17919
Ion	Ratio	Lower	Upper
43	100		
58	56.0	43.3	64.9
57	19.7	15.8	23.6
100	13.8	11.5	17.3



#49
Dibromochloromethane
Concen: 4.687 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

Tgt Ion:	129	Resp:	23846
Ion	Ratio	Lower	Upper
129	100		
127	76.6	57.0	105.9





#50

1,2-Dibromoethane

Concen: 4.897 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024621.D

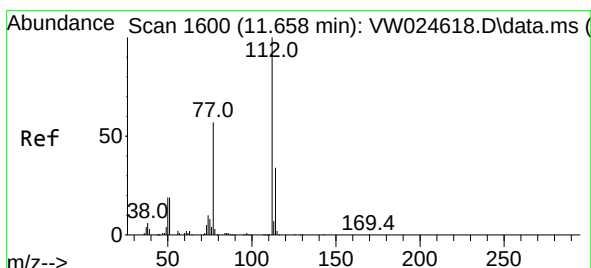
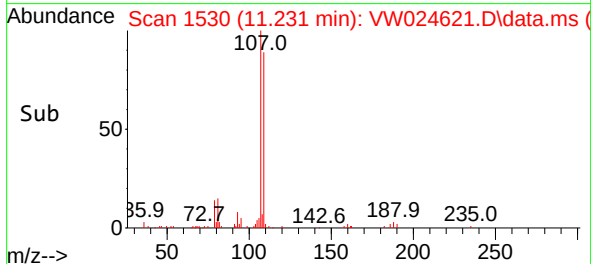
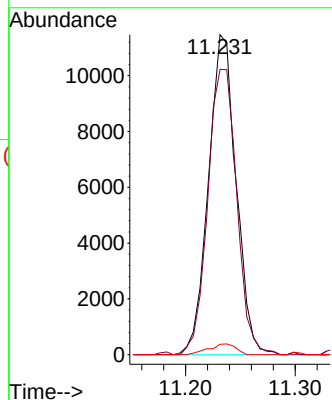
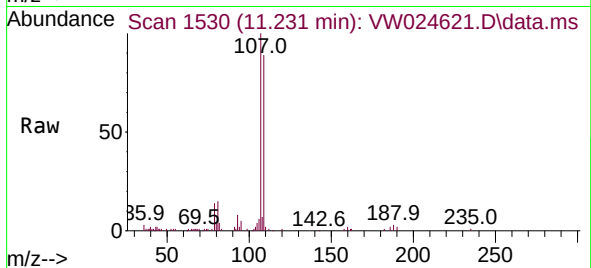
Acq: 21 Sep 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	20111
Ion Ratio	Lower	Upper
107	100	
109	89.1	63.0 117.0
188	3.3	2.5 3.7



#51

Chlorobenzene

Concen: 5.053 ug/L

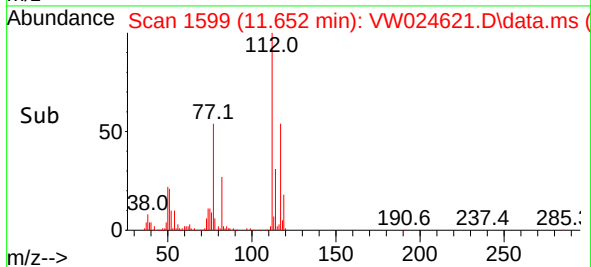
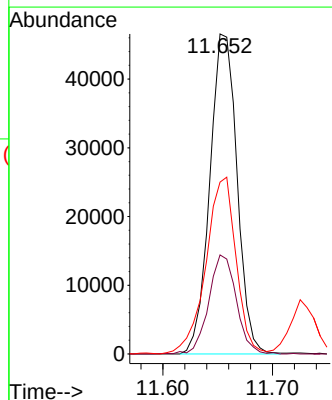
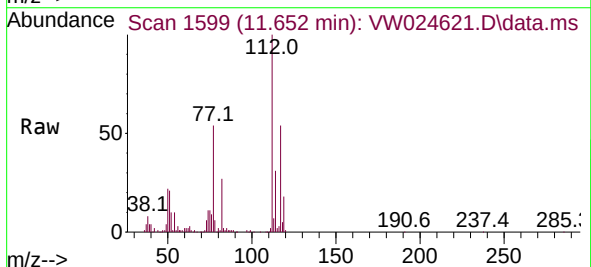
RT: 11.652 min Scan# 1599

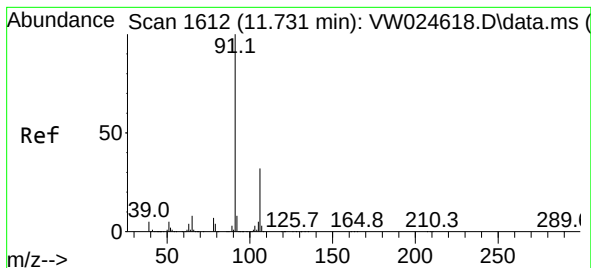
Delta R.T. -0.006 min

Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

Tgt Ion:112	Resp:	80559
Ion Ratio	Lower	Upper
112	100	
114	31.0	24.0 44.6
77	53.7	45.4 68.2

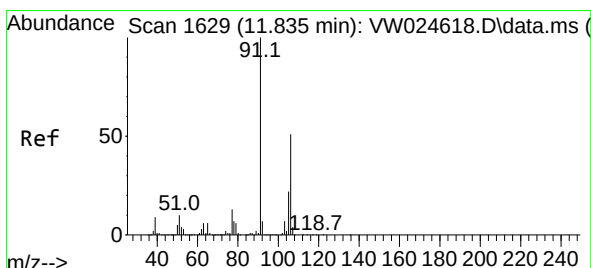
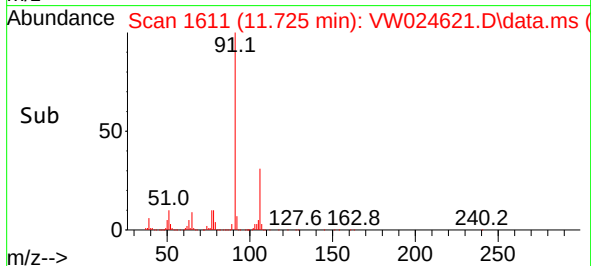
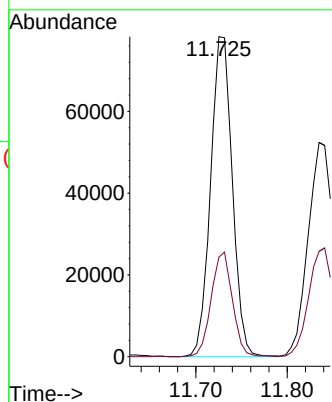
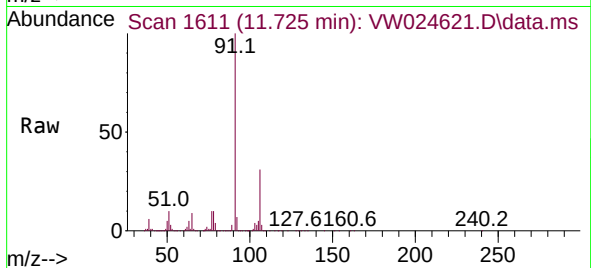




#52
Ethylbenzene
Concen: 4.880 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

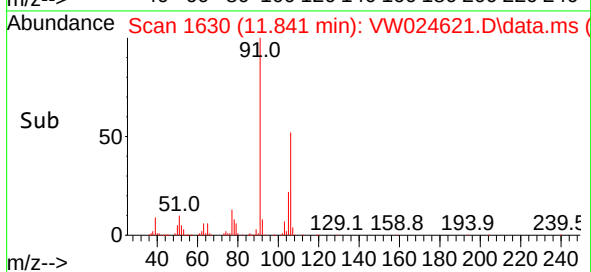
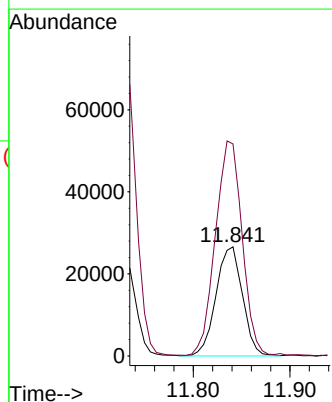
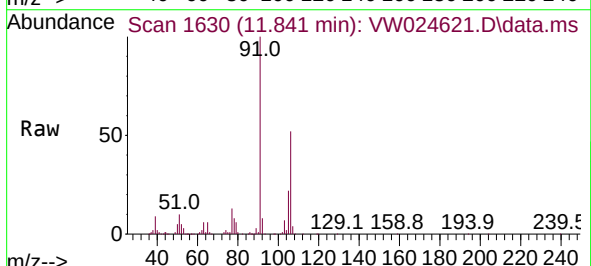
Instrument :
MSVOA_W
ClientSampleId :

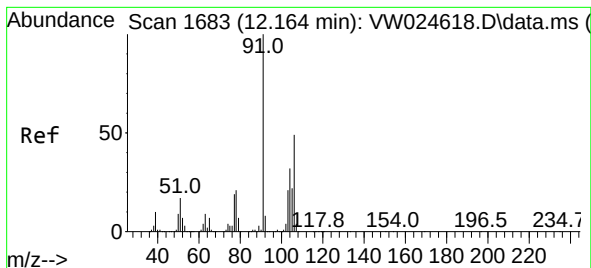
Tgt Ion: 91 Resp: 129587
Ion Ratio Lower Upper
91 100
106 31.1 22.2 41.2



#53
m,p-Xylene
Concen: 4.793 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW024621.D
Acq: 21 Sep 2022 16:05

Tgt Ion: 106 Resp: 50543
Ion Ratio Lower Upper
106 100
91 194.2 138.3 256.8





#54

o-Xylene

Concen: 4.755 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

Instrument :

MSVOA_W

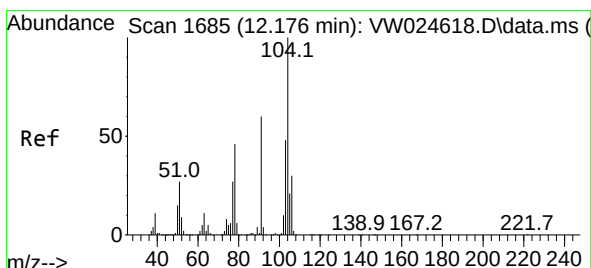
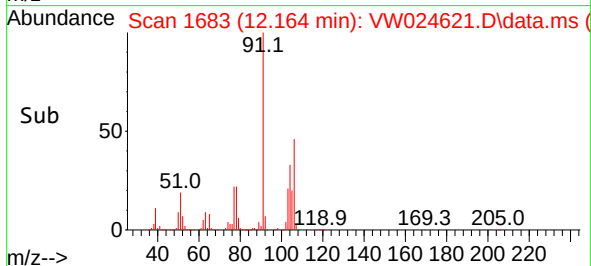
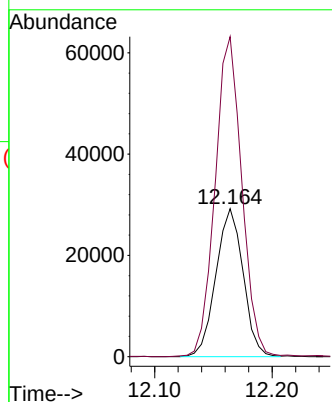
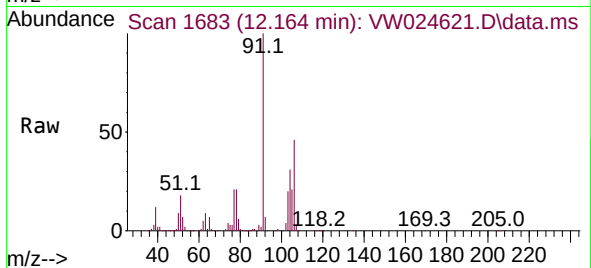
ClientSampleId :

Tgt Ion:106 Resp: 47035

Ion Ratio Lower Upper

106 100

91 216.3 143.9 267.2



#55

Styrene

Concen: 4.691 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024621.D

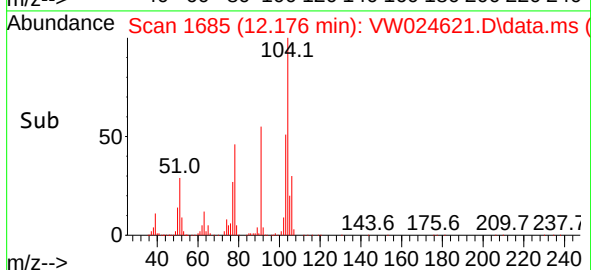
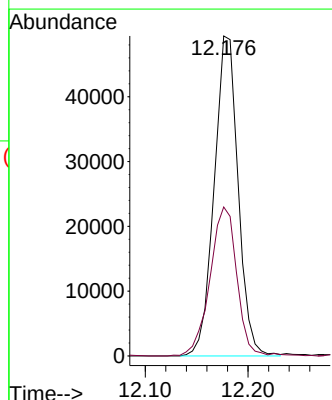
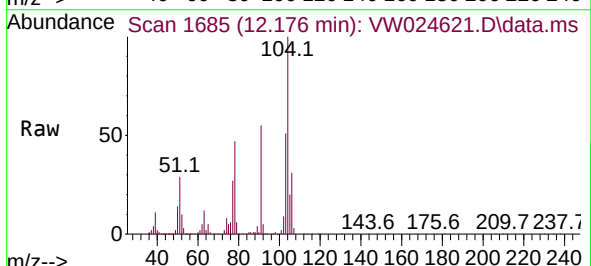
Acq: 21 Sep 2022 16:05

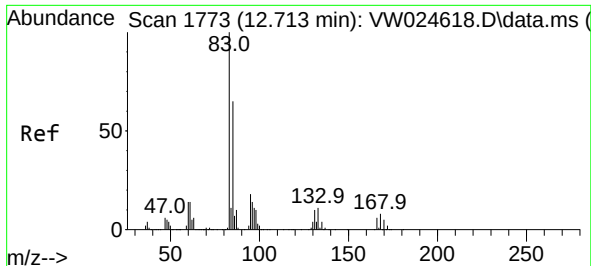
Tgt Ion:104 Resp: 79819

Ion Ratio Lower Upper

104 100

78 46.6 32.5 60.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.072 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024621.D

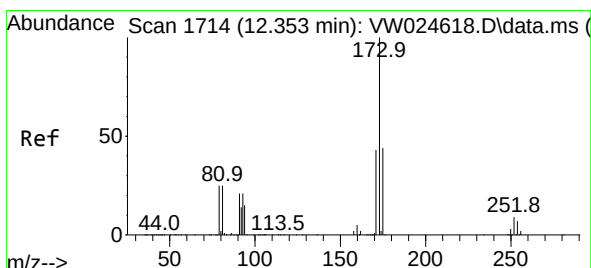
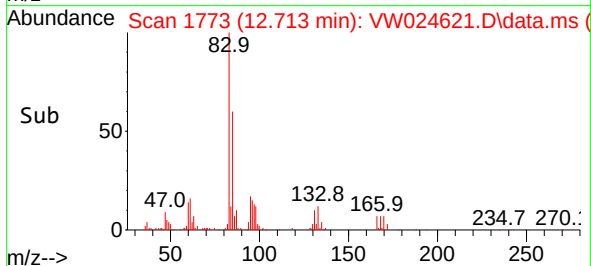
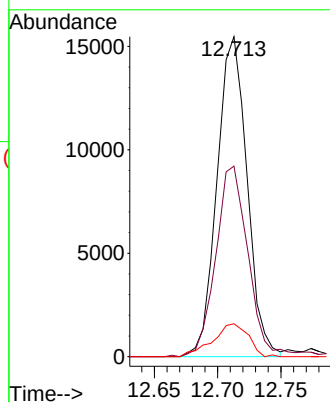
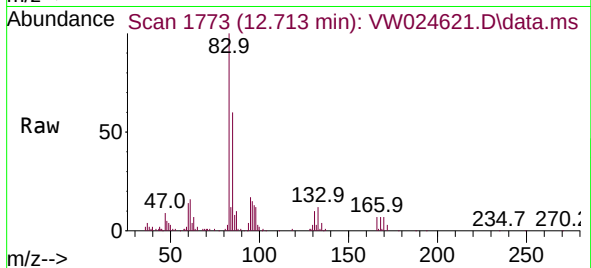
Acq: 21 Sep 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 25539
Ion Ratio	Lower Upper
83 100	
85 59.5	45.6 84.8
131 10.3	8.2 12.4



#59

Bromoform

Concen: 4.367 ug/L

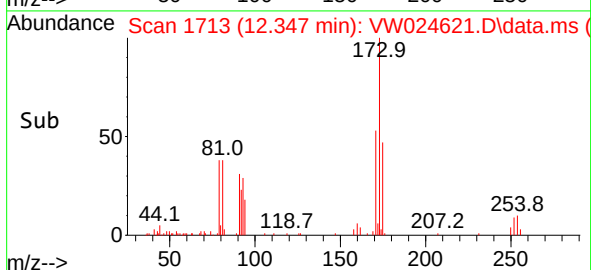
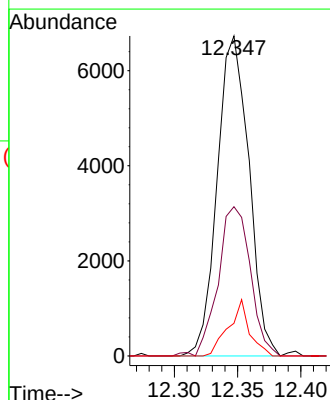
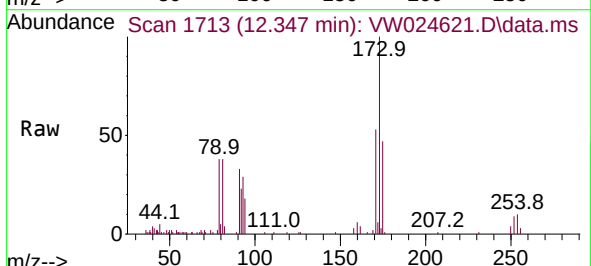
RT: 12.347 min Scan# 1713

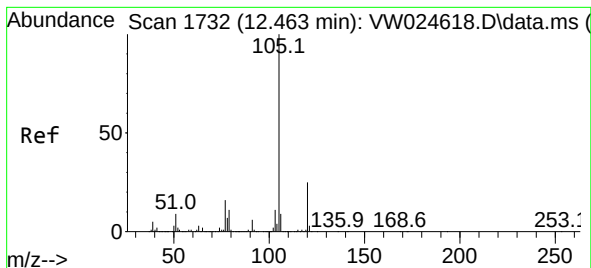
Delta R.T. -0.006 min

Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

Tgt Ion: 173	Resp: 11723
Ion Ratio	Lower Upper
173 100	
175 47.1	36.7 55.1
254 11.6	7.0 10.4





#60

Isopropylbenzene

Concen: 4.942 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024621.D

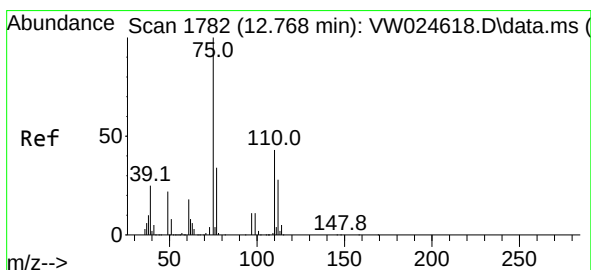
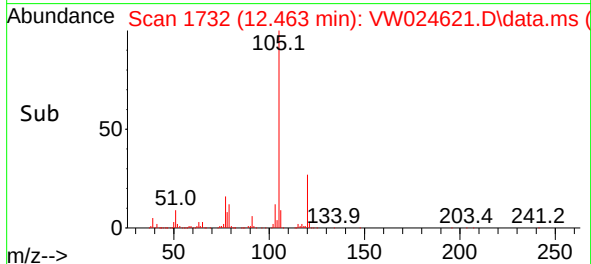
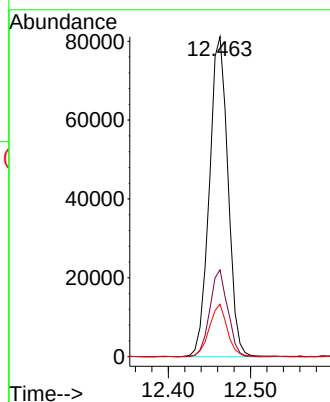
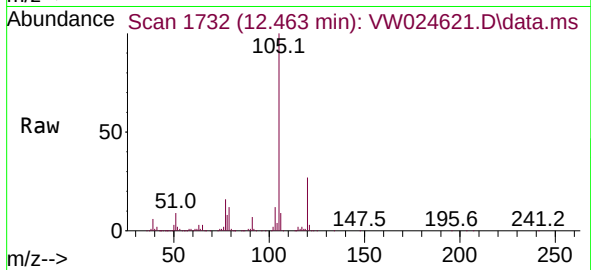
Acq: 21 Sep 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	127464
Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.5	32.3
77	15.8	12.7	19.1



#61

1,2,3-Trichloropropane

Concen: 5.083 ug/L

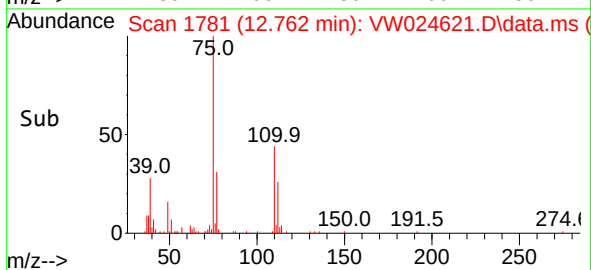
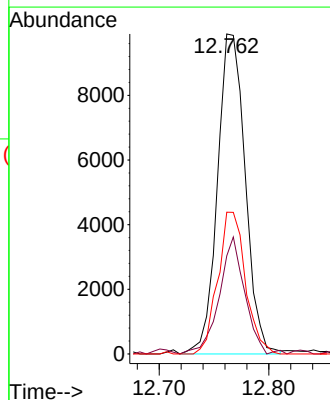
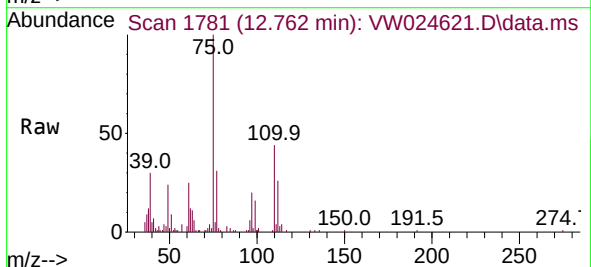
RT: 12.762 min Scan# 1781

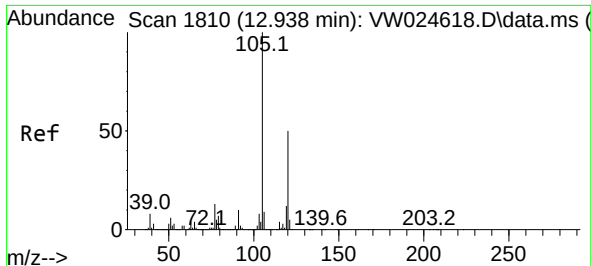
Delta R.T. -0.006 min

Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

Tgt Ion:	75	Resp:	17427
Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.0	39.0
110	44.1	34.0	51.0





#62

1,3,5-Trimethylbenzene

Concen: 4.703 ug/L

RT: 12.945 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

Instrument :

MSVOA_W

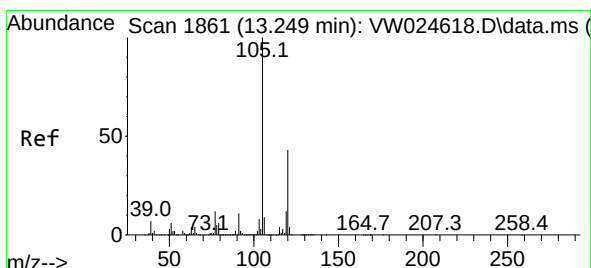
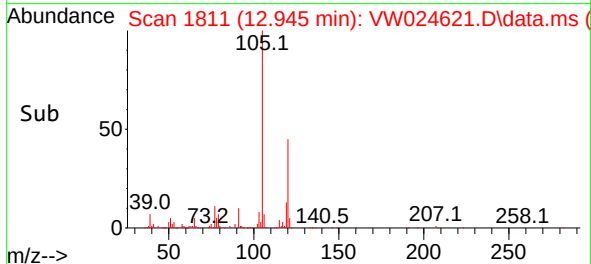
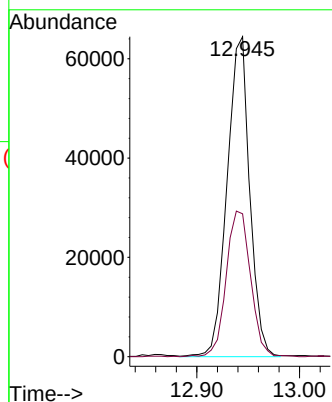
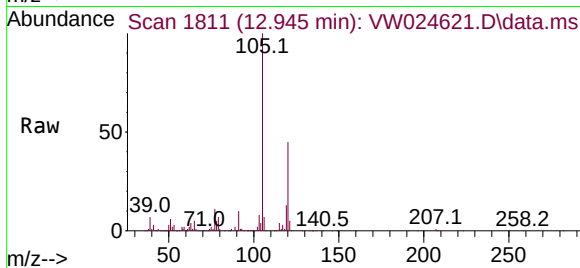
ClientSampleId :

Tgt Ion:105 Resp: 98555

Ion Ratio Lower Upper

105 100

120 48.3 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 4.746 ug/L

RT: 13.243 min Scan# 1860

Delta R.T. -0.006 min

Lab File: VW024621.D

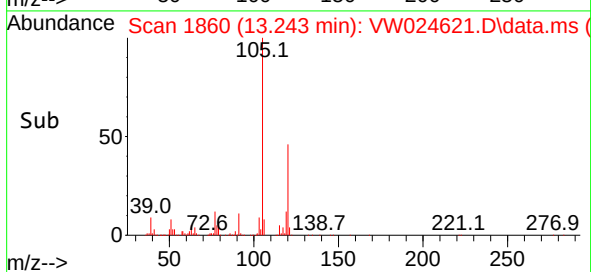
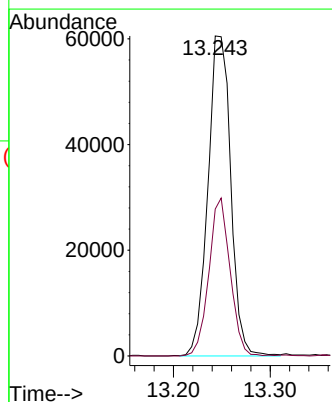
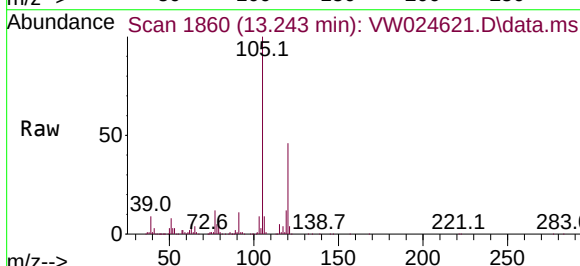
Acq: 21 Sep 2022 16:05

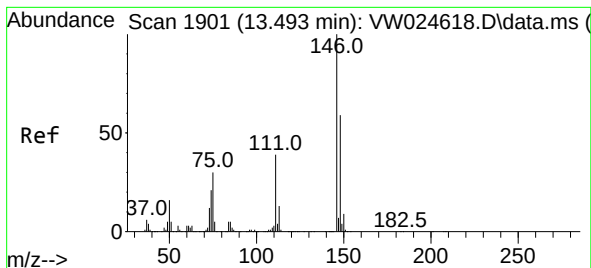
Tgt Ion:105 Resp: 99514

Ion Ratio Lower Upper

105 100

120 45.8 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 4.981 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :

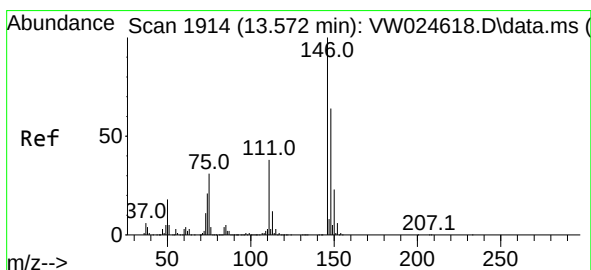
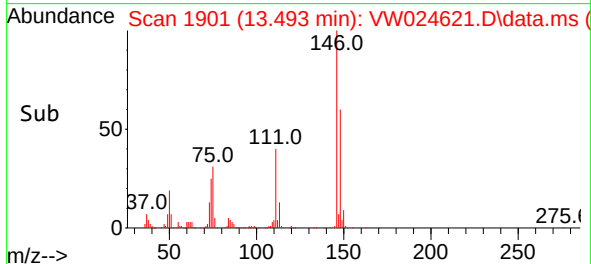
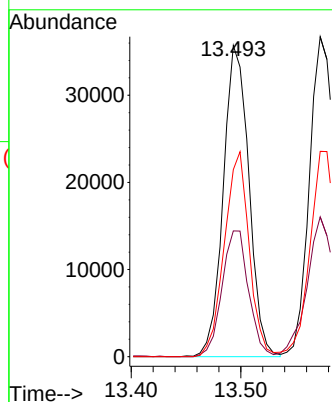
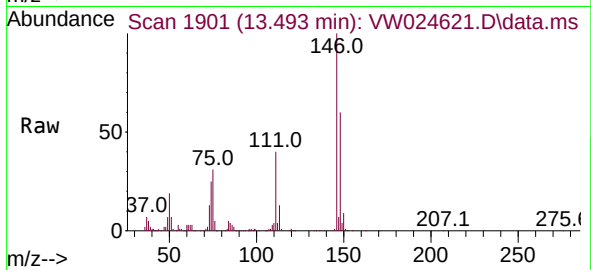
Tgt Ion:146 Resp: 57941

Ion Ratio Lower Upper

146 100

111 40.4 27.2 50.6

148 60.1 41.0 76.2



#65

1,4-Dichlorobenzene

Concen: 5.118 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

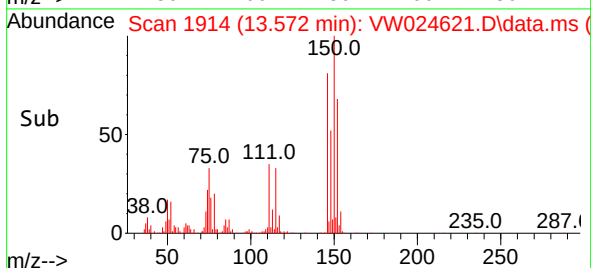
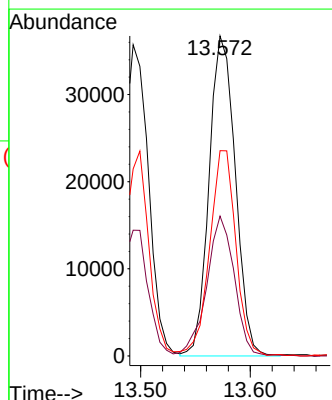
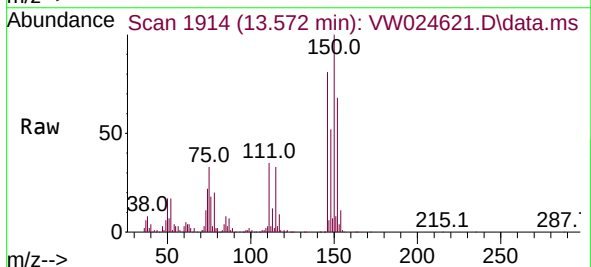
Tgt Ion:146 Resp: 61241

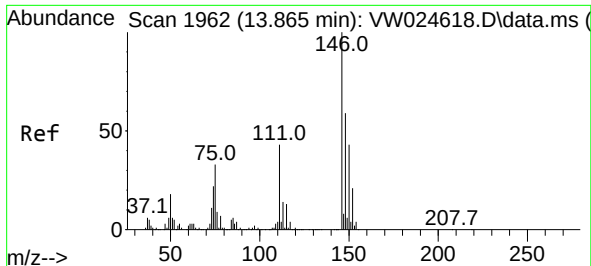
Ion Ratio Lower Upper

146 100

111 43.7 27.0 50.2

148 64.2 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 5.047 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024621.D

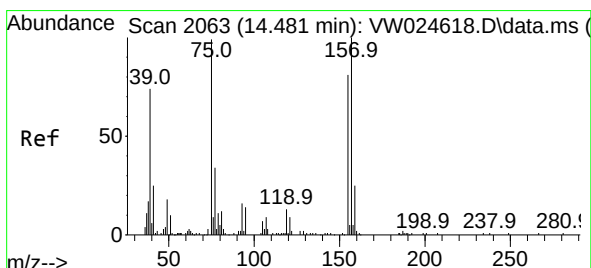
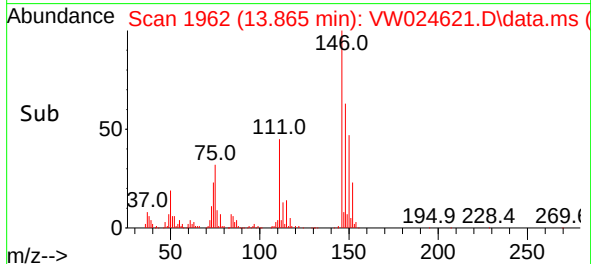
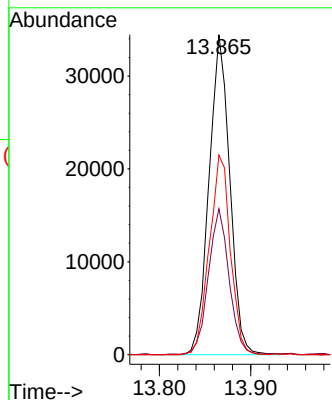
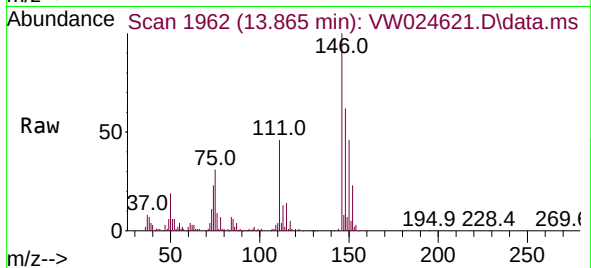
Acq: 21 Sep 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	146	Resp:	54208
Ion Ratio	Lower	Upper	
146	100		
111	45.6	34.2	51.4
148	62.4	47.0	70.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.259 ug/L

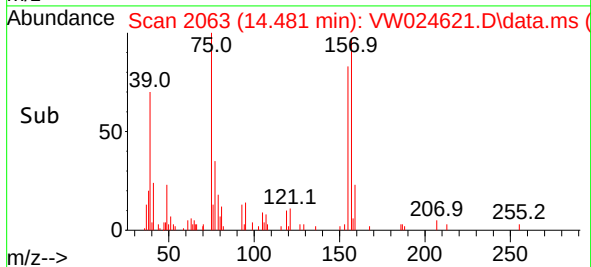
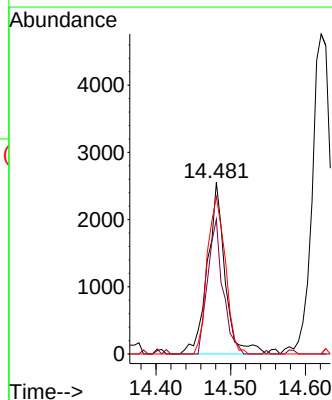
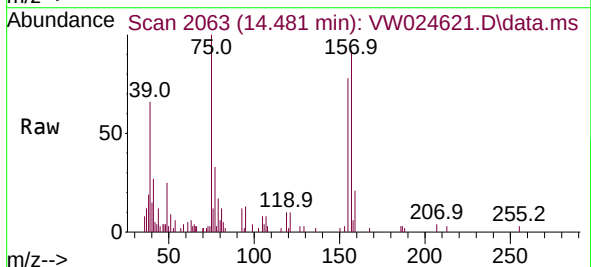
RT: 14.481 min Scan# 2063

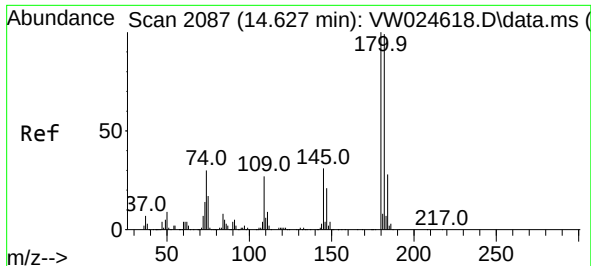
Delta R.T. 0.000 min

Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

Tgt Ion:	75	Resp:	4198
Ion Ratio	Lower	Upper	
75	100		
155	78.5	65.4	98.0
157	91.7	80.6	121.0





#69

1,3,5-Trichlorobenzene

Concen: 5.000 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 38229

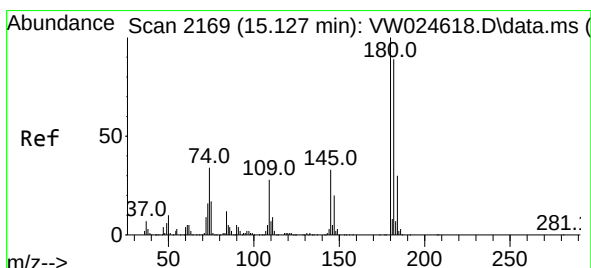
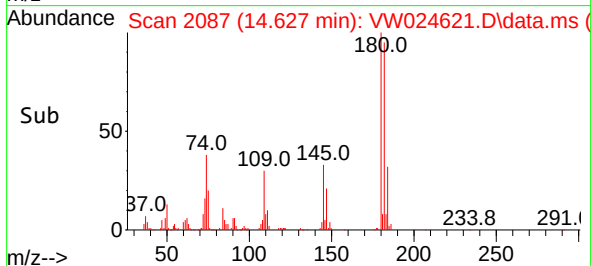
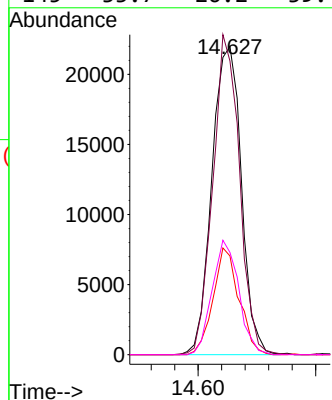
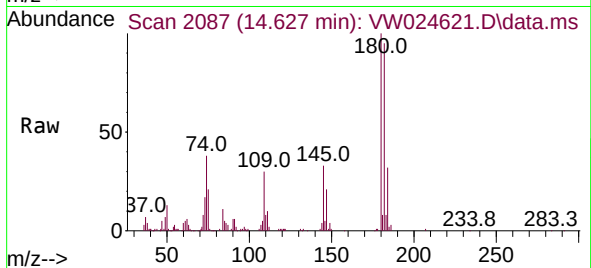
Ion Ratio Lower Upper

180 100

182 94.2 78.5 117.7

184 30.6 23.9 35.9

145 33.7 26.2 39.4



#70

1,2,4-trichlorobenzene

Concen: 4.590 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

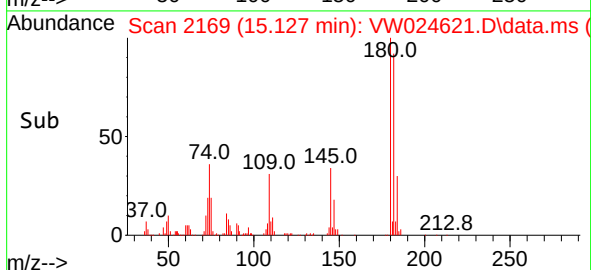
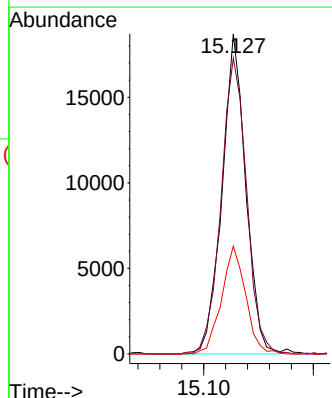
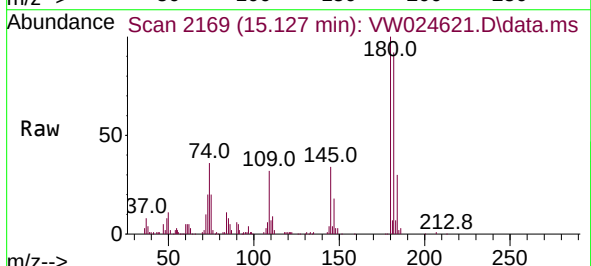
Tgt Ion:180 Resp: 28078

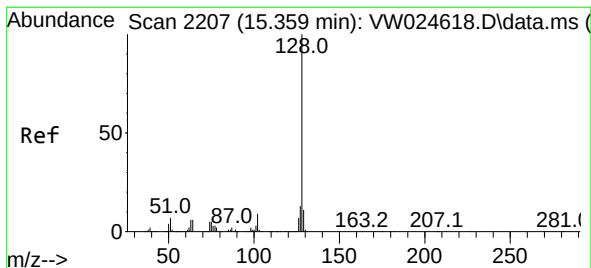
Ion Ratio Lower Upper

180 100

182 99.5 72.6 108.8

145 34.2 26.3 39.5





#71

Naphthalene

Concen: 4.352 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024621.D

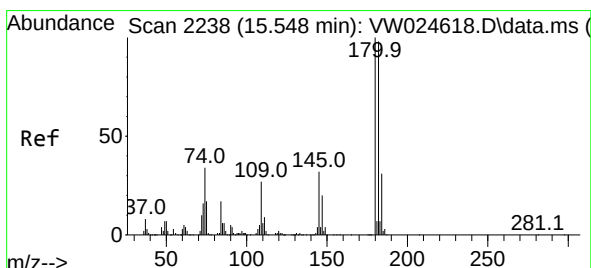
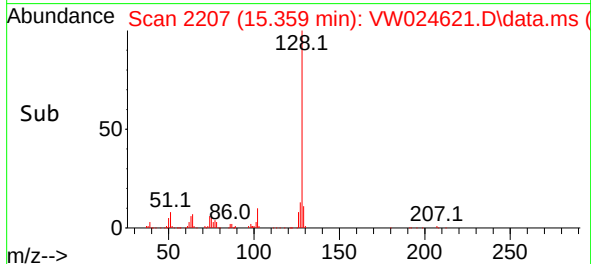
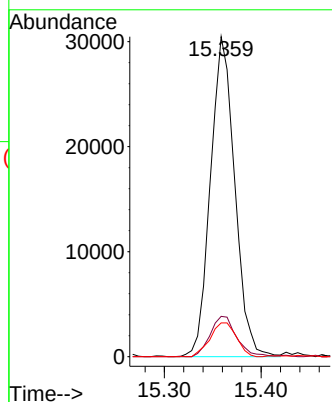
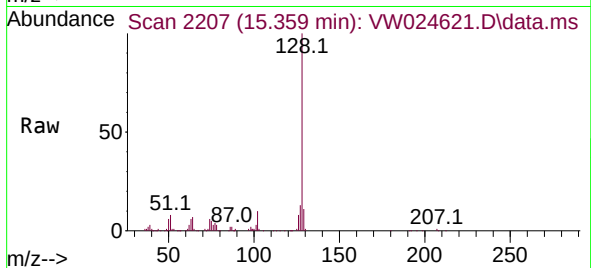
Acq: 21 Sep 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	53226
Ion Ratio	Lower	Upper
128	100	
127	13.6	11.0 16.4
129	11.5	8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 4.861 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024621.D

Acq: 21 Sep 2022 16:05

Tgt Ion:180	Resp:	27020
Ion Ratio	Lower	Upper
180	100	
182	95.7	75.2 112.8
145	35.1	27.7 41.5

