

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
 Data File : VW024639.D
 Acq On : 26 Sep 2022 17:09
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV454

Quant Time: Sep 27 01:14:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 27 01:07:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	640857	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	591825	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	272619	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	180602	26.935	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.760%			
7) Chloroethane-d5	2.885	69	91656	23.523	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.080%			
11) 1,1-Dichloroethene-d2	4.025	63	369170	23.788	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.160%			
21) 2-Butanone-d5	7.086	46	119238	49.463	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.920%			
24) Chloroform-d	7.646	84	427426	24.948	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.800%			
26) 1,2-Dichloroethane-d4	8.305	65	222293	25.012	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.040%			
32) Benzene-d6	8.274	84	896767	23.707	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.840%			
36) 1,2-Dichloropropane-d6	9.274	67	274029	23.710	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.840%			
41) Toluene-d8	10.323	98	797493	23.588	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.360%			
43) trans-1,3-Dichloroprop...	10.579	79	118572	23.037	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.160%			
47) 2-Hexanone-d5	10.920	63	93278	47.170	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.340%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	199670	24.246	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.000%			
66) 1,2-Dichlorobenzene-d4	13.853	152	235923	24.593	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	92563	23.526	ug/L	93
3) Chloromethane	2.214	50	195136	25.468	ug/L	99
5) Vinyl chloride	2.361	62	224792	28.534	ug/L	99
6) Bromomethane	2.781	94	79291	21.809	ug/L	99
8) Chloroethane	2.922	64	82424	24.817	ug/L	99
9) Trichlorofluoromethane	3.257	101	93341	21.179	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	215482	25.635	ug/L #	79
12) 1,1-Dichloroethene	4.043	96	216979	25.881	ug/L	89
13) Acetone	4.141	43	69168	39.327	ug/L	99
14) Carbon disulfide	4.391	76	688284	26.006	ug/L	99
15) Methyl Acetate	4.677	43	107358	27.566	ug/L	99
16) Methylene chloride	4.921	84	254689	20.236	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	246816	26.202	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	393388	26.339	ug/L	99
19) 1,1-Dichloroethane	6.214	63	460623	26.137	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	267064	26.423	ug/L	98
22) 2-Butanone	7.177	43	134003	47.633	ug/L	99
23) Bromochloromethane	7.512	128	109942	26.764	ug/L	94
25) Chloroform	7.677	83	437817	26.198	ug/L	97

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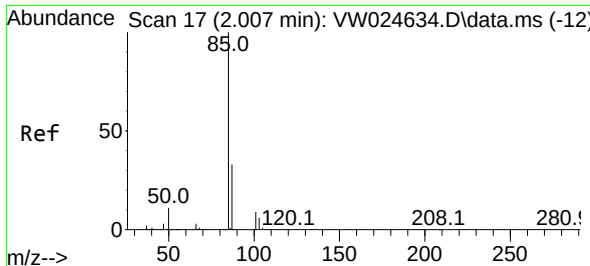
Quant Time: Sep 27 01:14:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 27 01:07:57 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	281949	26.812	ug/L	100
29) Cyclohexane	7.951	56	440510	23.897	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	349764	24.423	ug/L	99
31) Carbon tetrachloride	8.067	117	297796	24.556	ug/L	99
33) Benzene	8.323	78	1028729	24.835	ug/L	100
34) Trichloroethene	9.091	95	258971	24.667	ug/L	94
35) Methylcyclohexane	9.335	83	459082	23.853	ug/L	100
37) 1,2-Dichloropropane	9.366	63	259348	25.361	ug/L	99
38) Bromodichloromethane	9.640	83	320191	25.454	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	397216	24.563	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	310593	51.313	ug/L	99
42) Toluene	10.384	91	1061965	24.826	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	341619	24.640	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	178255	25.520	ug/L	98
46) Tetrachloroethene	10.859	164	175599	24.616	ug/L	94
48) 2-Hexanone	10.969	43	209033	51.071	ug/L	99
49) Dibromochloromethane	11.128	129	202513	25.747	ug/L	96
50) 1,2-Dibromoethane	11.231	107	165696	25.062	ug/L	98
51) Chlorobenzene	11.652	112	661571	25.259	ug/L	99
52) Ethylbenzene	11.725	91	1174845	24.935	ug/L	98
53) m,p-Xylene	11.835	106	447249	24.309	ug/L	100
54) o-Xylene	12.164	106	432033	24.866	ug/L	93
55) Styrene	12.176	104	725384	24.766	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	211230	25.827	ug/L	99
59) Bromoform	12.347	173	101213	26.265	ug/L	98
60) Isopropylbenzene	12.463	105	1148817	25.855	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	154660	26.336	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	1001070	25.922	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	1009108	26.673	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	456818	25.307	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	463141	26.356	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	420149	26.722	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	35658	25.677	ug/L	99
69) 1,3,5-Trichlorobenzene	14.621	180	306481	25.571	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	252568	25.084	ug/L	99
71) Naphthalene	15.358	128	581270	26.513	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	218649	25.515	ug/L	99

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

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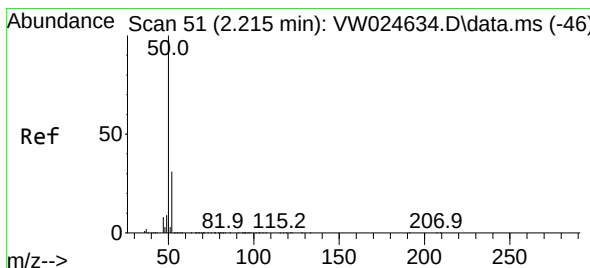
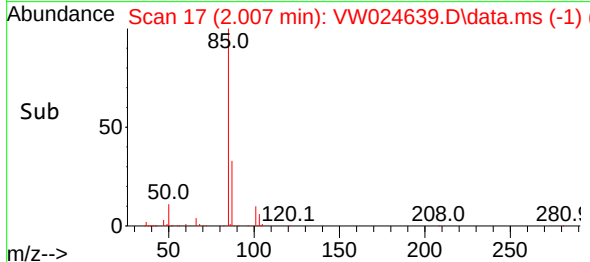
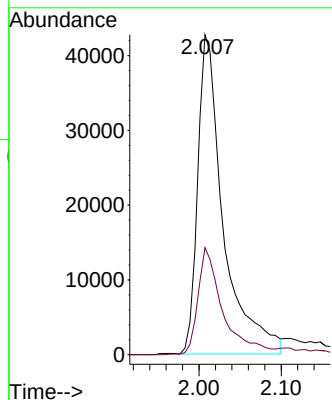
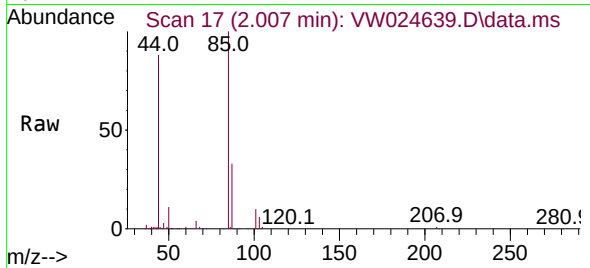




#2
 Dichlorodifluoromethane
 Concen: 23.526 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW024639.D
 Acq: 26 Sep 2022 17:09

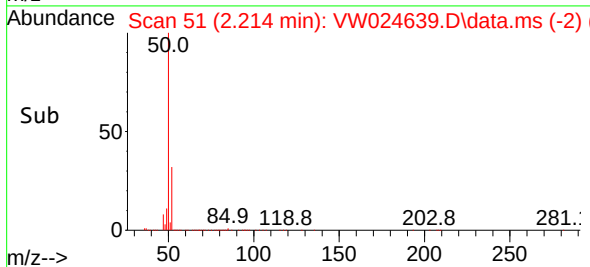
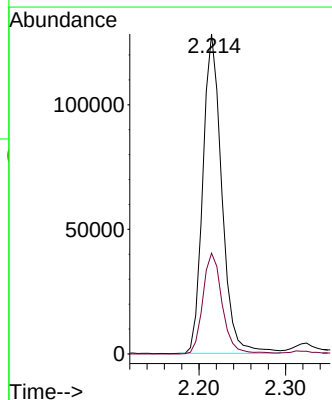
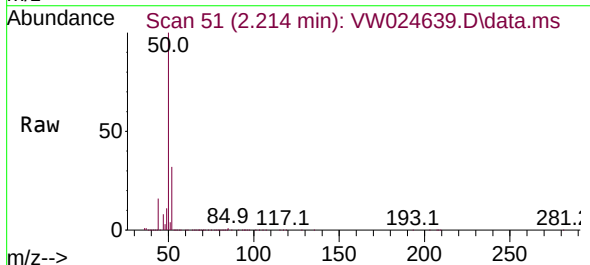
Instrument :
 MSVOA_W
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 VICV454

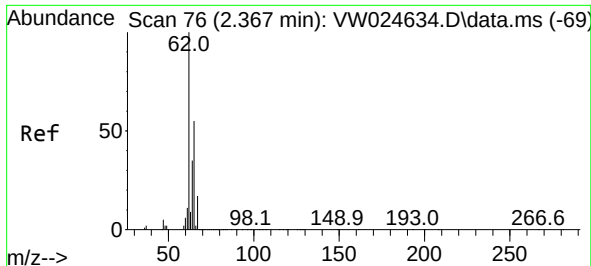
Tgt Ion: 85 Resp: 92563
 Ion Ratio Lower Upper
 85 100
 87 31.9 28.8 43.2



#3
 Chloromethane
 Concen: 25.468 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. -0.001 min
 Lab File: VW024639.D
 Acq: 26 Sep 2022 17:09

Tgt Ion: 50 Resp: 195136
 Ion Ratio Lower Upper
 50 100
 52 31.5 21.7 40.3

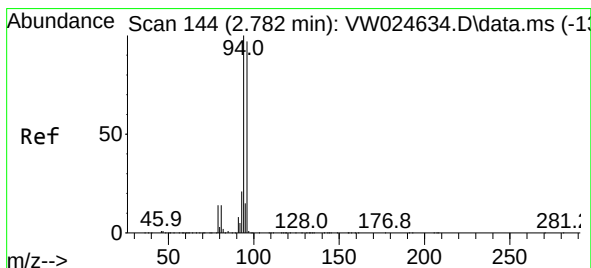
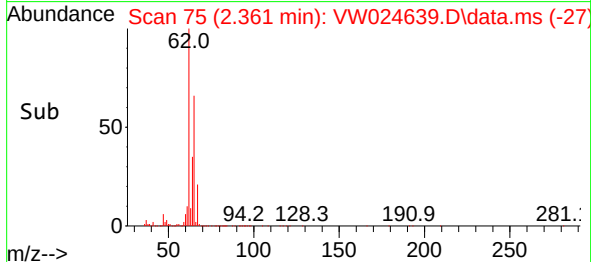
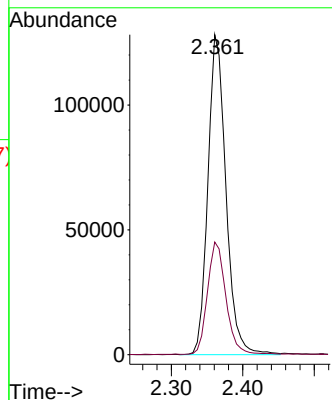
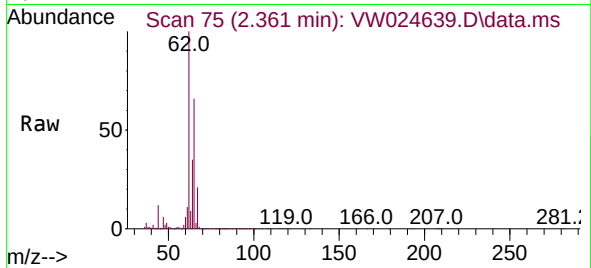




#5
 Vinyl chloride
 Concen: 28.534 ug/L
 RT: 2.361 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW024639.D
 Acq: 26 Sep 2022 17:09

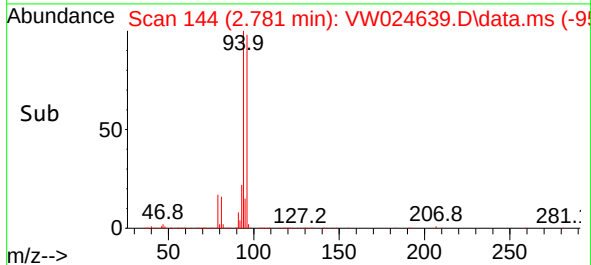
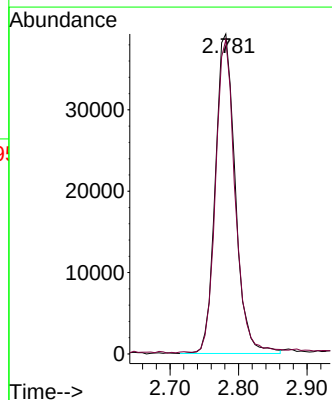
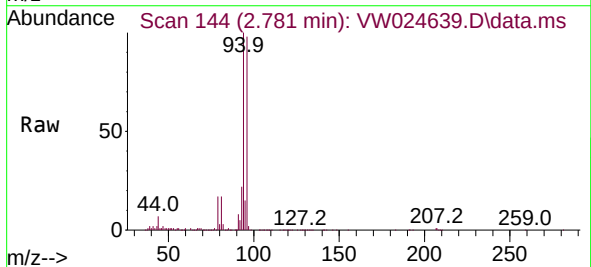
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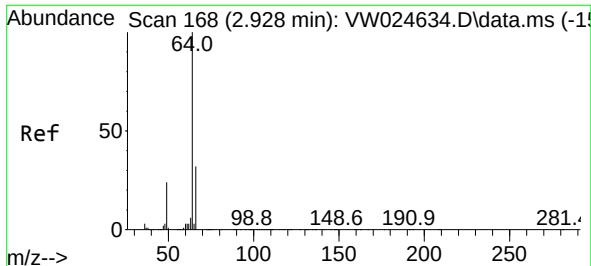
Tgt Ion: 62 Resp: 224792
 Ion Ratio Lower Upper
 62 100
 64 35.2 24.4 45.2



#6
 Bromomethane
 Concen: 21.809 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW024639.D
 Acq: 26 Sep 2022 17:09

Tgt Ion: 94 Resp: 79291
 Ion Ratio Lower Upper
 94 100
 96 98.1 68.0 126.2

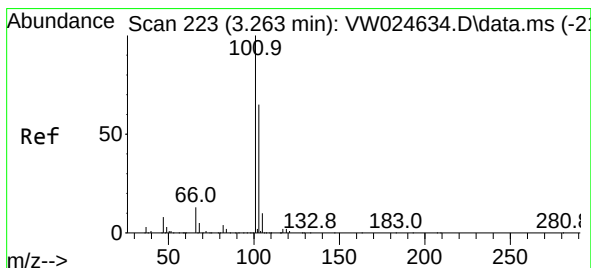
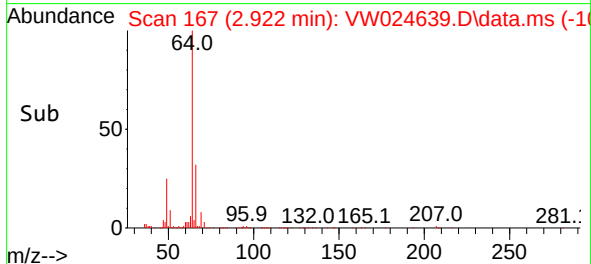
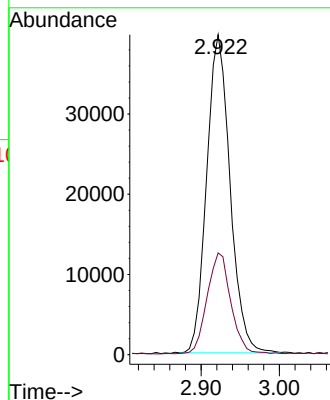
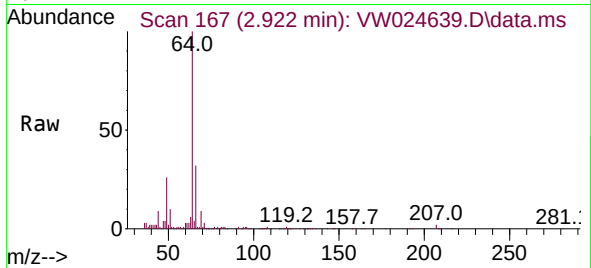




#8
Chloroethane
Concen: 24.817 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

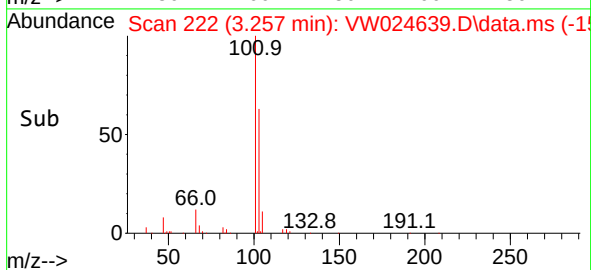
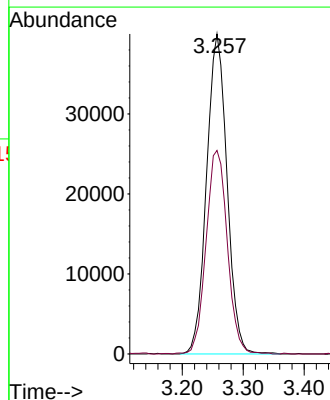
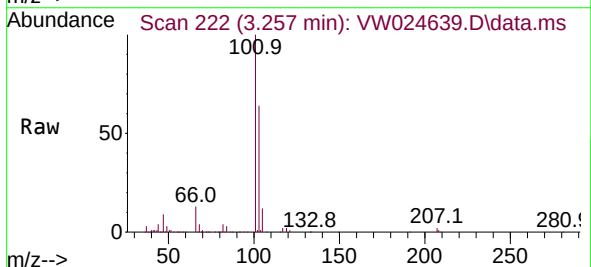
Instrument :
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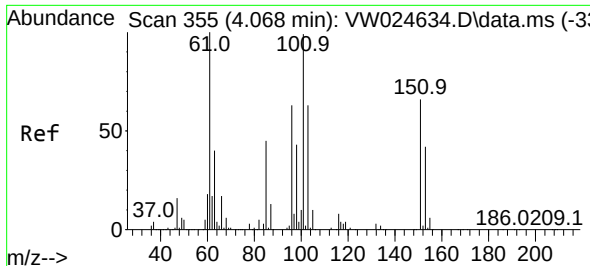
Tgt Ion: 64 Resp: 82424
Ion Ratio Lower Upper
64 100
66 31.8 22.5 41.9



#9
Trichlorofluoromethane
Concen: 21.179 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

Tgt Ion: 101 Resp: 93341
Ion Ratio Lower Upper
101 100
103 65.8 53.4 80.2

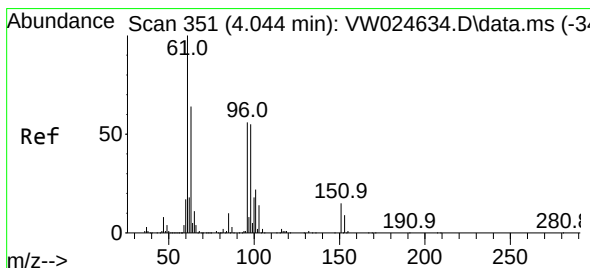
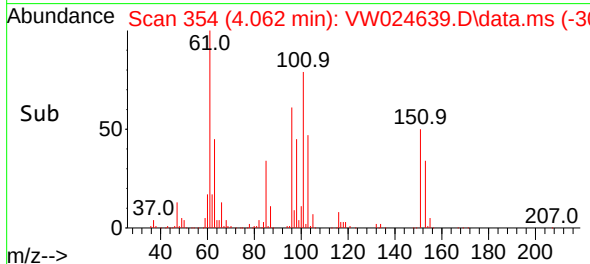
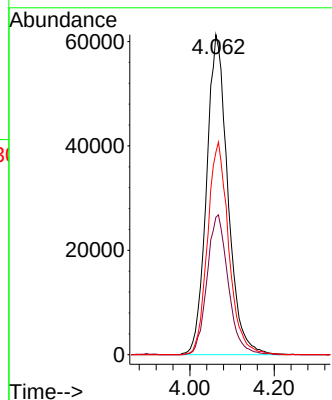
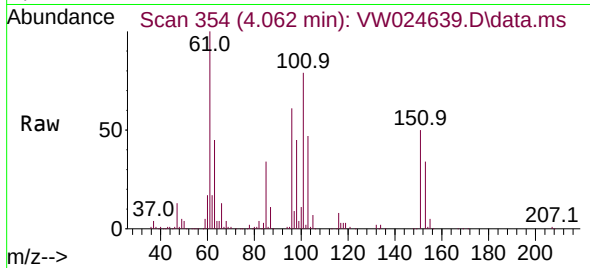




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.635 ug/L
RT: 4.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

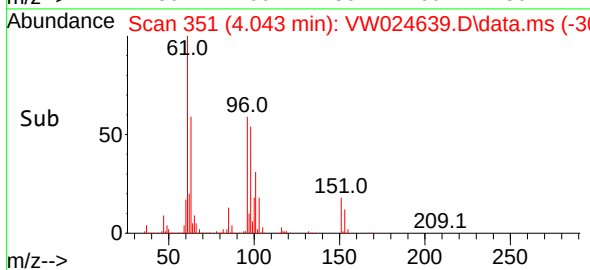
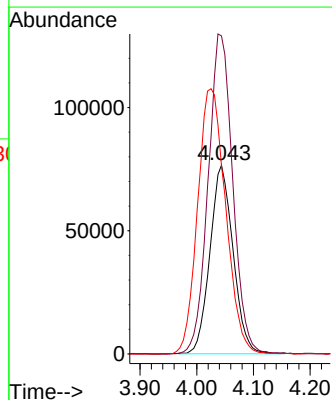
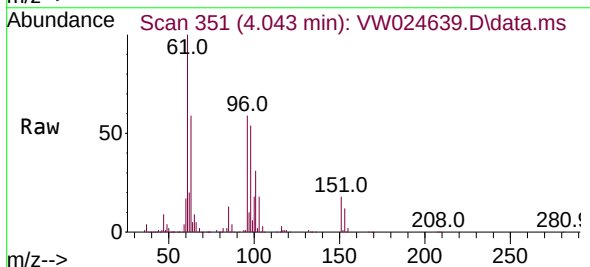
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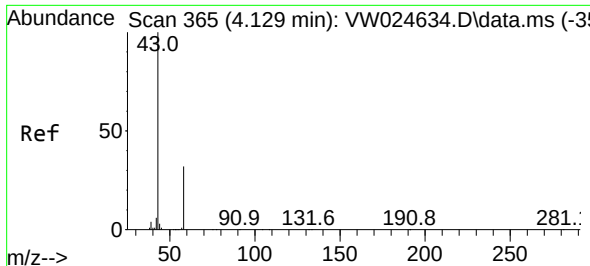
Tgt Ion:101 Resp: 215482
Ion Ratio Lower Upper
101 100
85 43.3 34.9 52.3
151 65.6 30.9 46.3#



#12
1,1-Dichloroethene
Concen: 25.881 ug/L
RT: 4.043 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

Tgt Ion: 96 Resp: 216979
Ion Ratio Lower Upper
96 100
61 168.5 124.5 231.1
63 99.8 84.1 156.1

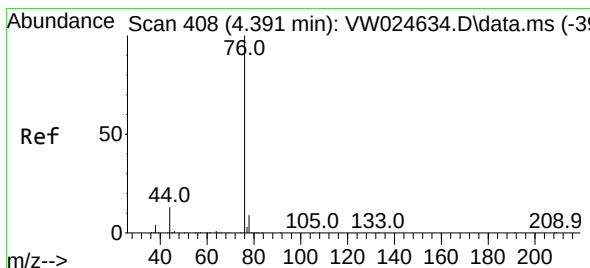
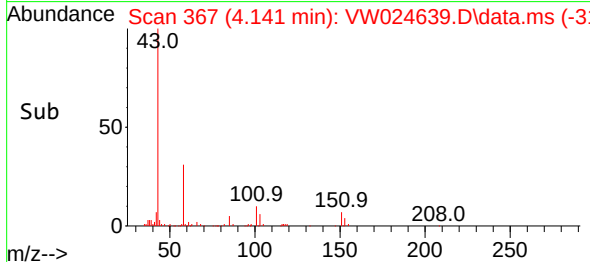
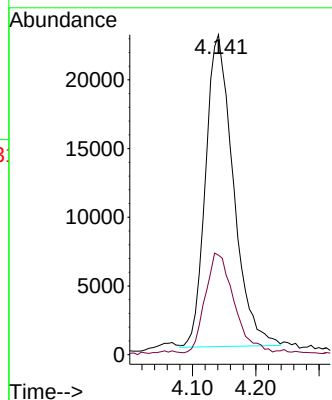
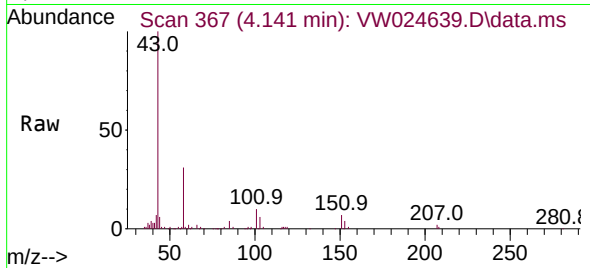




#13
Acetone
Concen: 39.327 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

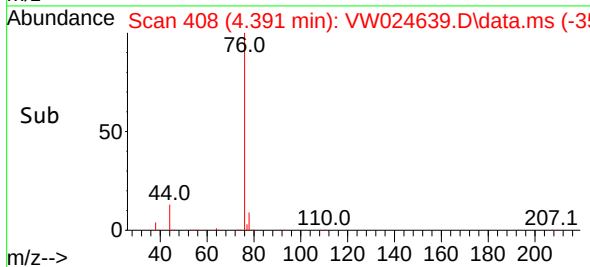
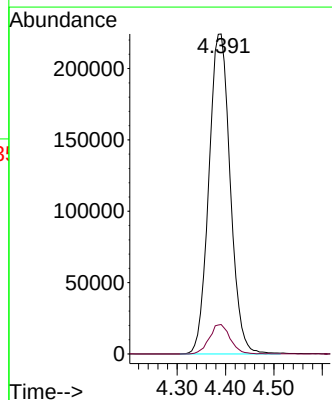
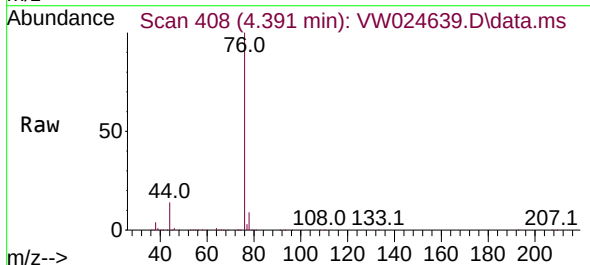
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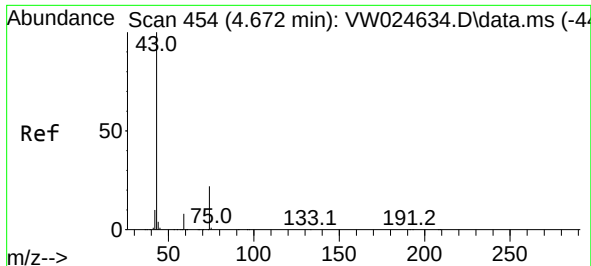
Tgt Ion: 43 Resp: 69168
Ion Ratio Lower Upper
43 100
58 34.7 0.0 67.6



#14
Carbon disulfide
Concen: 26.006 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

Tgt Ion: 76 Resp: 688284
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

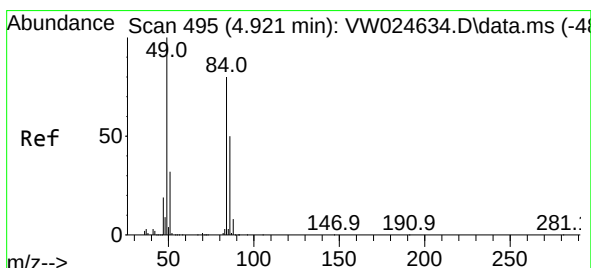
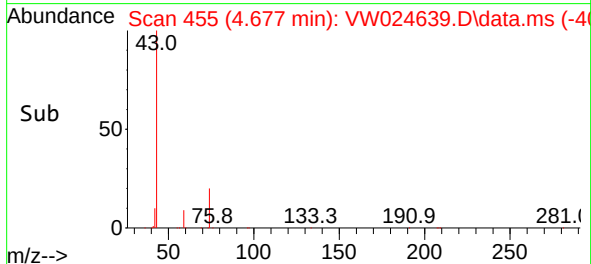
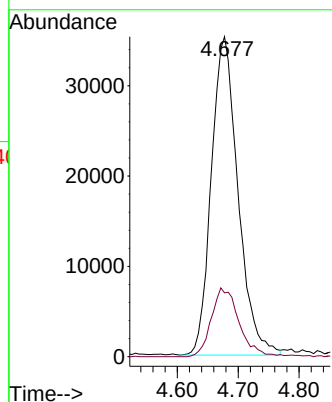
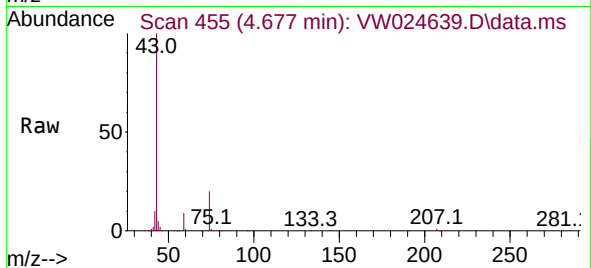




#15
Methyl Acetate
Concen: 27.566 ug/L
RT: 4.677 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

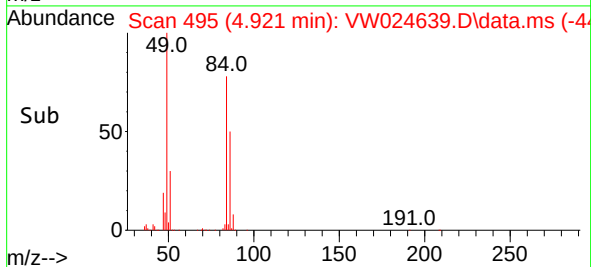
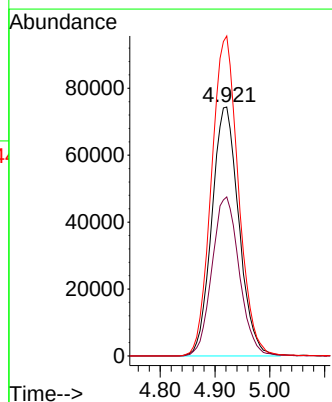
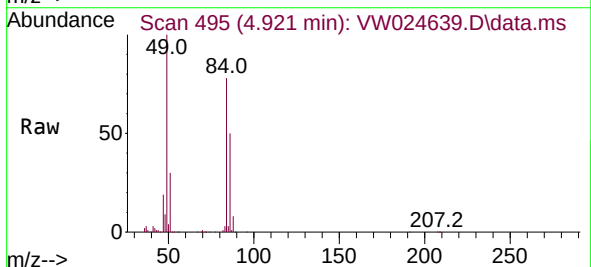
Instrument :
MSVOA_W
ClientSampleId :
VICV454

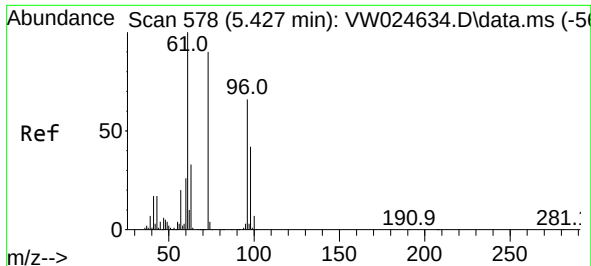
Tgt Ion: 43 Resp: 107358
Ion Ratio Lower Upper
43 100
74 22.1 18.1 27.1



#16
Methylene chloride
Concen: 20.236 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

Tgt Ion: 84 Resp: 254689
Ion Ratio Lower Upper
84 100
86 63.9 44.0 81.8
49 128.5 87.4 162.2

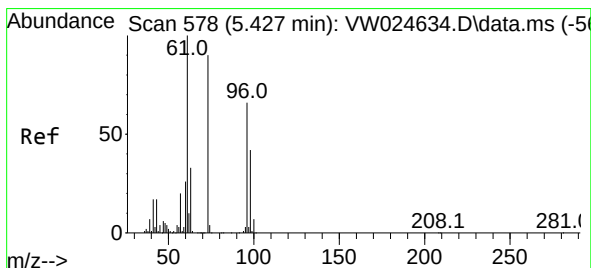
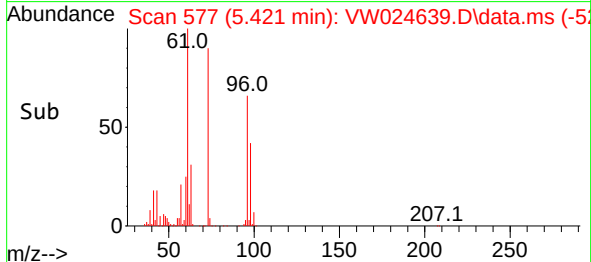
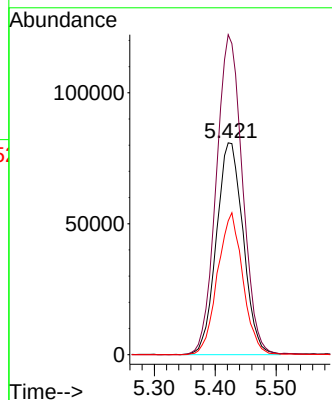
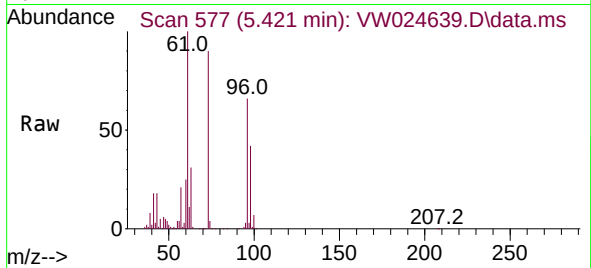




#17
trans-1,2-Dichloroethene
Concen: 26.202 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

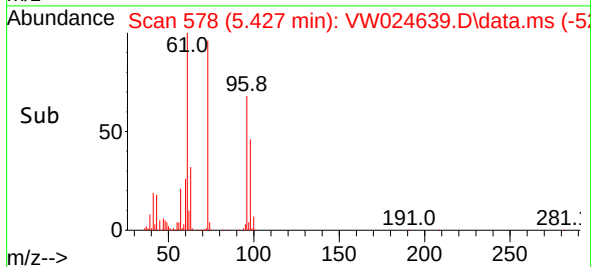
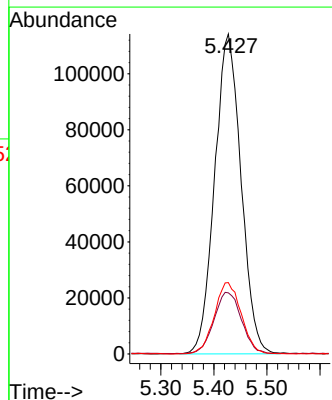
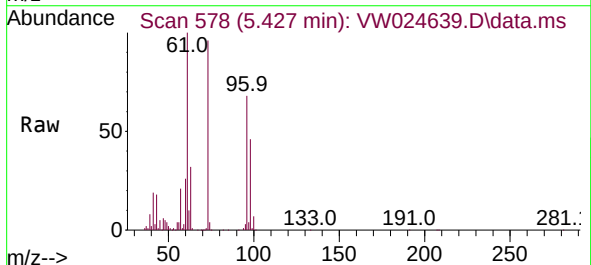
Instrument :
MSVOA_W
ClientSampleId :
VICV454

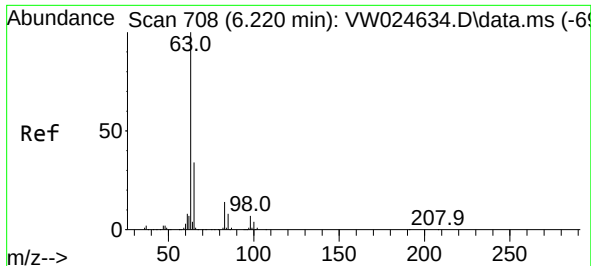
Tgt Ion: 96 Resp: 246816
Ion Ratio Lower Upper
96 100
61 151.0 106.3 197.5
98 63.1 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 26.339 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

Tgt Ion: 73 Resp: 393388
Ion Ratio Lower Upper
73 100
43 19.9 15.6 23.4
57 22.7 18.3 27.5





#19

1,1-Dichloroethane

Concen: 26.137 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW024639.D

Acq: 26 Sep 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

VICV454

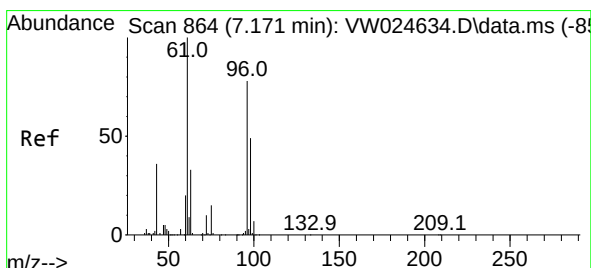
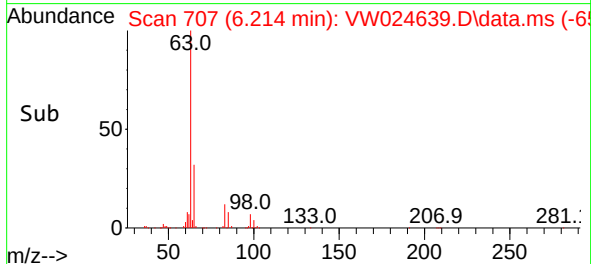
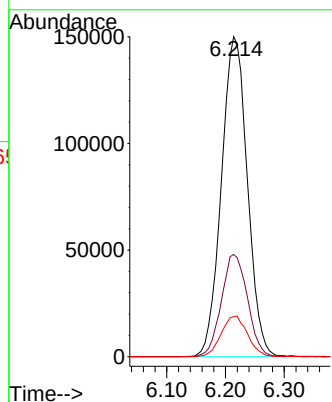
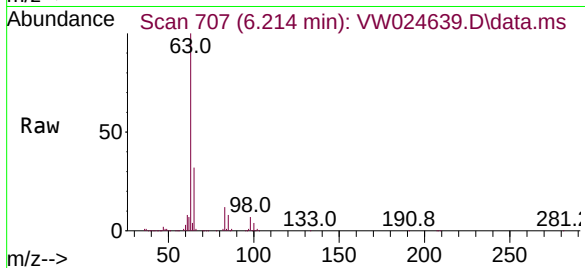
Tgt Ion: 63 Resp: 460623

Ion Ratio Lower Upper

63 100

65 32.0 23.7 43.9

83 12.5 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 26.423 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW024639.D

Acq: 26 Sep 2022 17:09

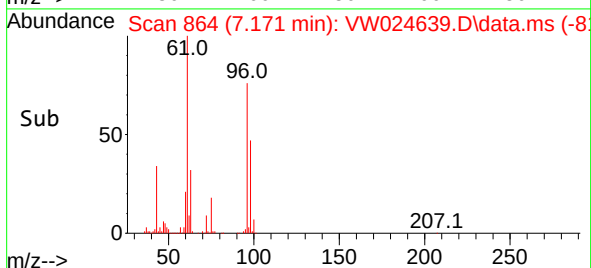
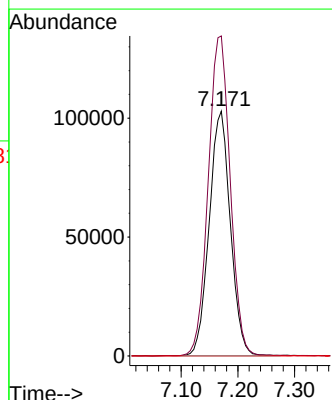
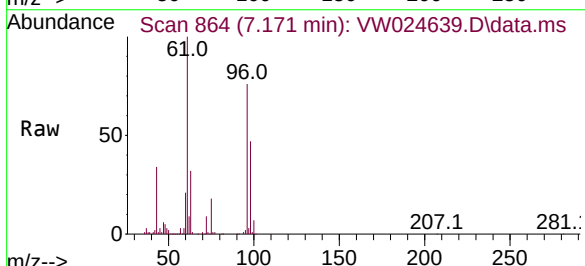
Tgt Ion: 96 Resp: 267064

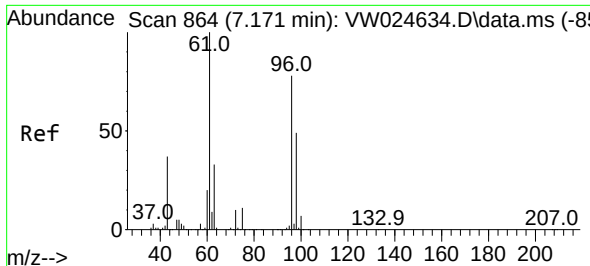
Ion Ratio Lower Upper

96 100

61 130.8 90.2 167.4

68 0.0 0.0 0.0

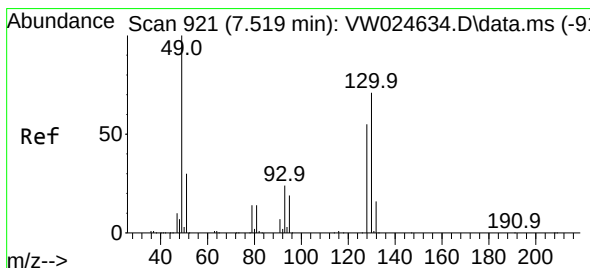
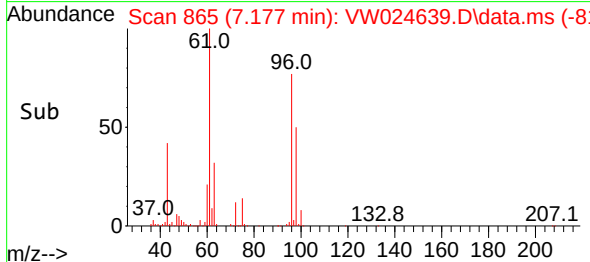
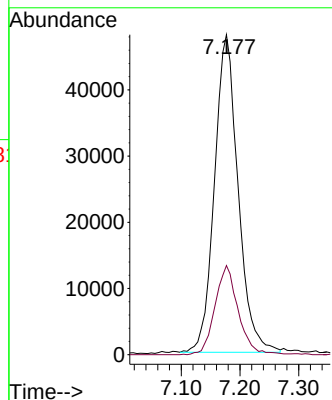
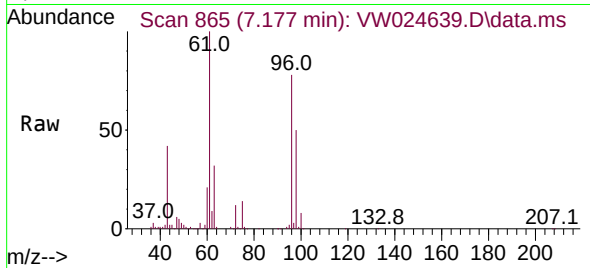




#22
2-Butanone
Concen: 47.633 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

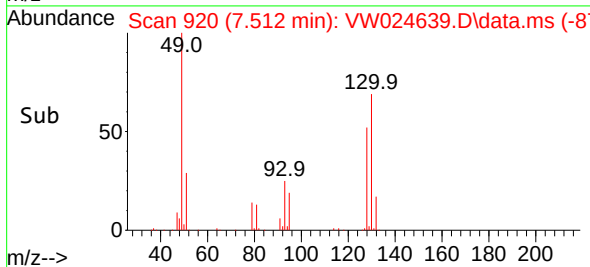
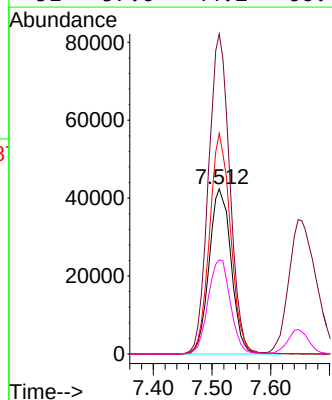
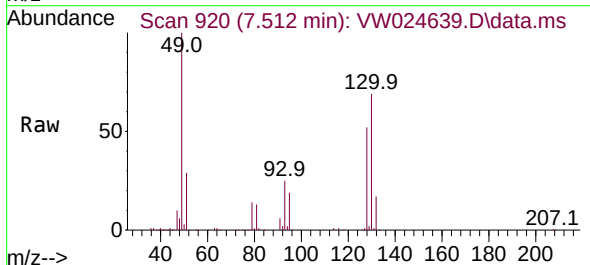
Instrument :
MSVOA_W
ClientSampleId :
VICV454

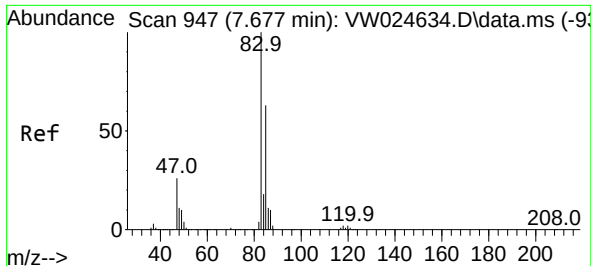
Tgt Ion: 43 Resp: 134003
Ion Ratio Lower Upper
43 100
72 27.2 13.8 41.3



#23
Bromochloromethane
Concen: 26.764 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

Tgt Ion: 128 Resp: 109942
Ion Ratio Lower Upper
128 100
49 194.0 127.3 236.3
130 133.7 90.2 167.4
51 57.0 44.2 66.4

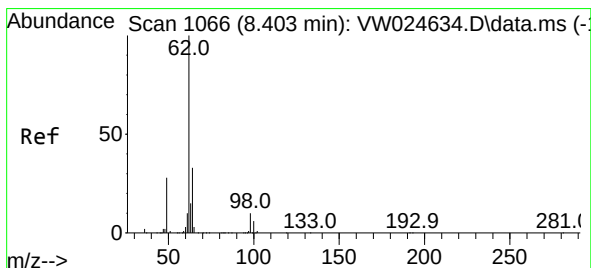
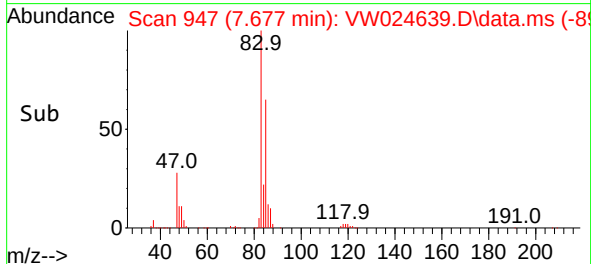
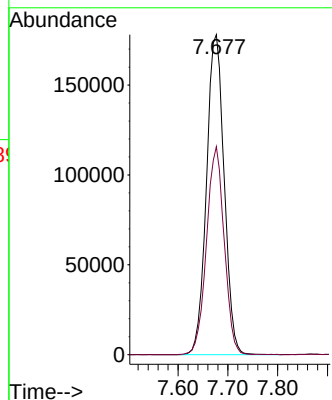
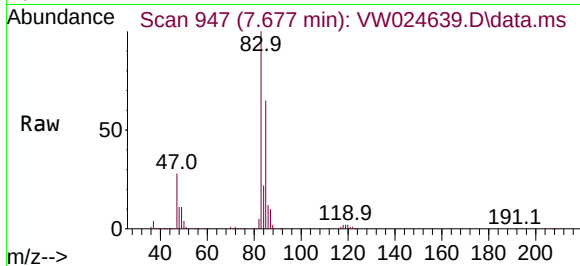




#25
Chloroform
Concen: 26.198 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

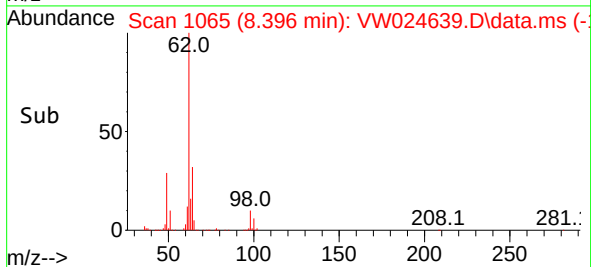
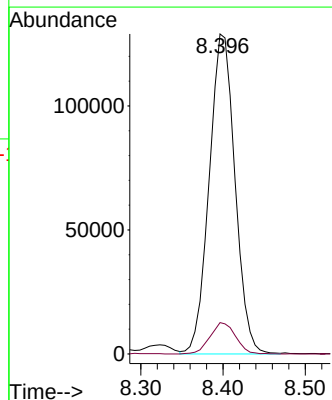
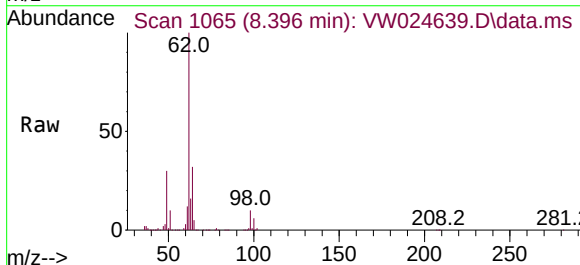
Instrument :
MSVOA_W
ClientSampleId :
VICV454

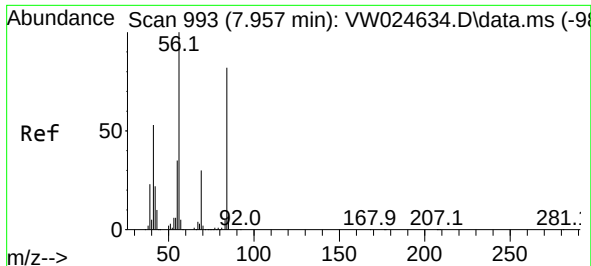
Tgt Ion: 83 Resp: 437817
Ion Ratio Lower Upper
83 100
85 65.0 44.0 81.8



#27
1,2-Dichloroethane
Concen: 26.812 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

Tgt Ion: 62 Resp: 281949
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.8





#29

Cyclohexane

Concen: 23.897 ug/L

RT: 7.951 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW024639.D

Acq: 26 Sep 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

VICV454

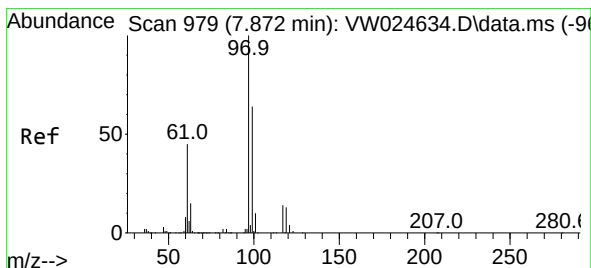
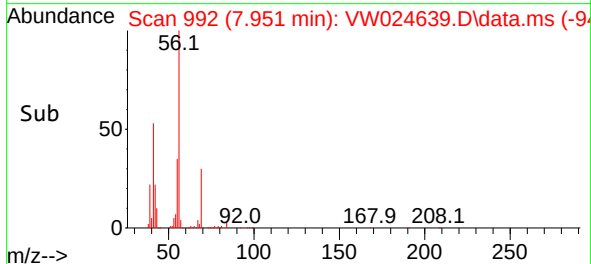
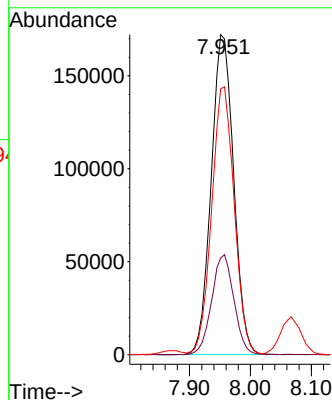
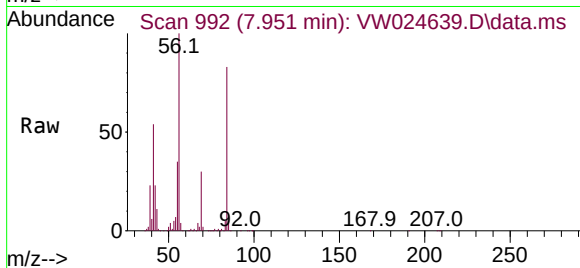
Tgt Ion: 56 Resp: 440510

Ion Ratio Lower Upper

56 100

69 30.9 25.0 37.4

84 84.2 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 24.423 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW024639.D

Acq: 26 Sep 2022 17:09

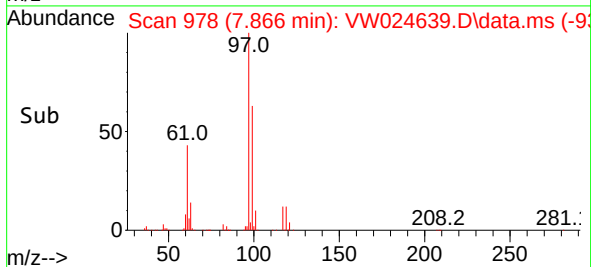
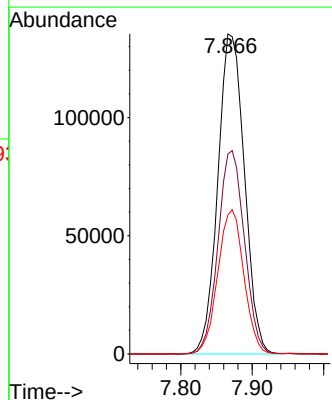
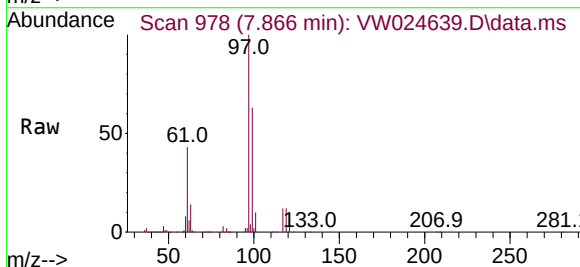
Tgt Ion: 97 Resp: 349764

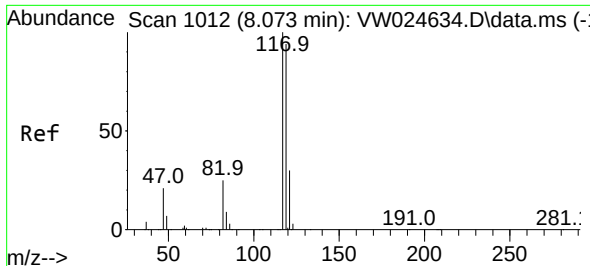
Ion Ratio Lower Upper

97 100

99 63.1 51.1 76.7

61 44.3 35.8 53.6

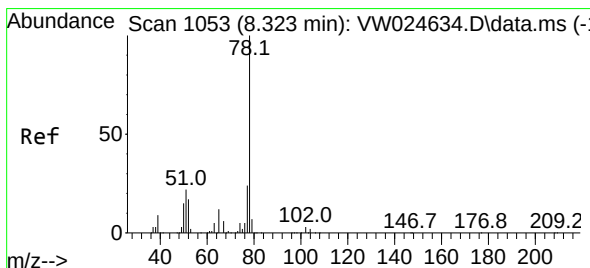
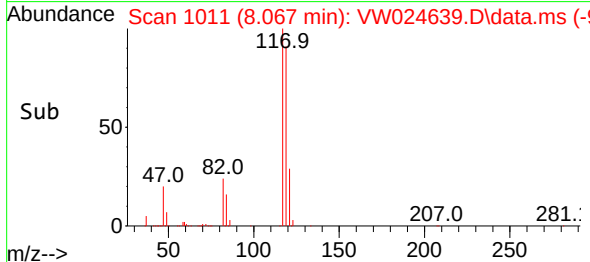
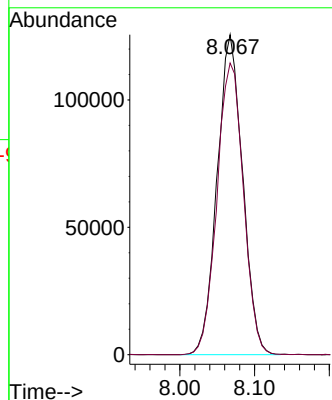
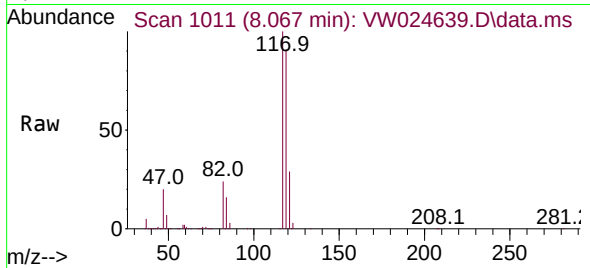




#31
Carbon tetrachloride
Concen: 24.556 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

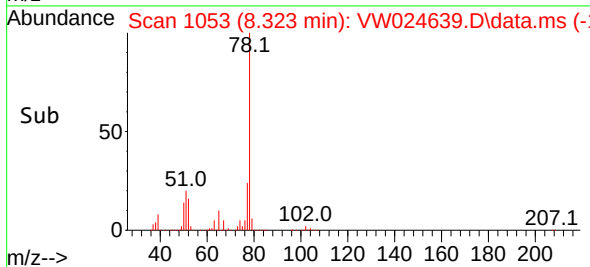
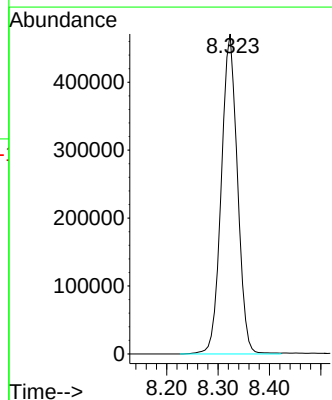
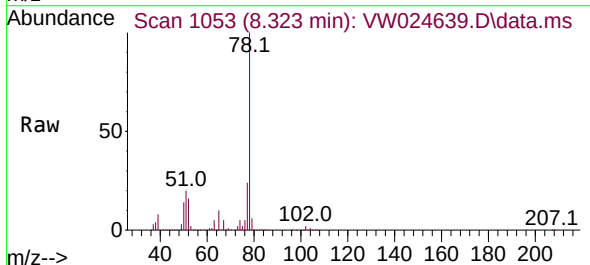
Instrument :
MSVOA_W
ClientSampleId :
VICV454

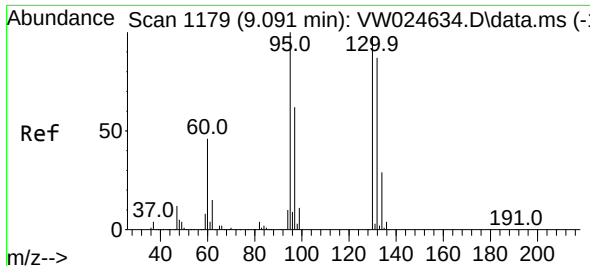
Tgt Ion:117 Resp: 297796
Ion Ratio Lower Upper
117 100
119 94.5 76.2 114.2



#33
Benzene
Concen: 24.835 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

Tgt Ion: 78 Resp: 1028729

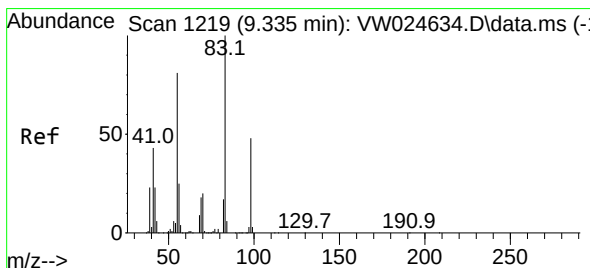
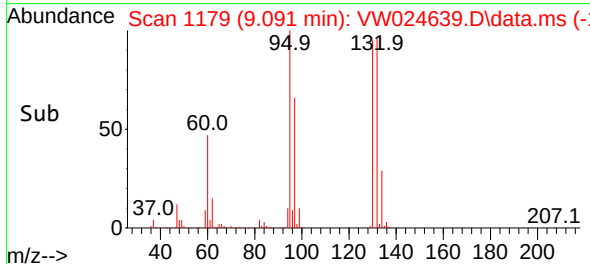
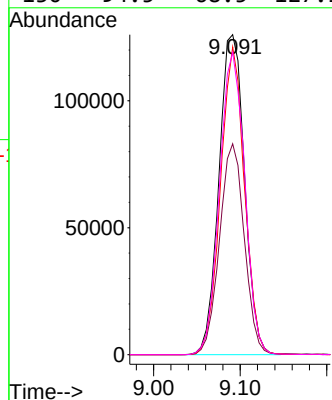
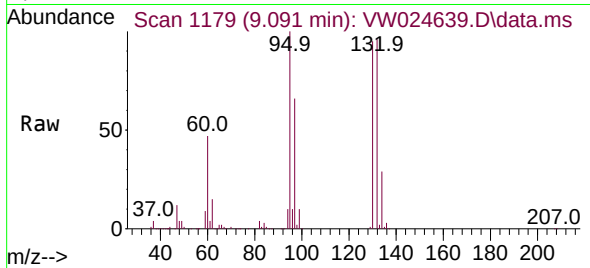




#34
Trichloroethene
Concen: 24.667 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

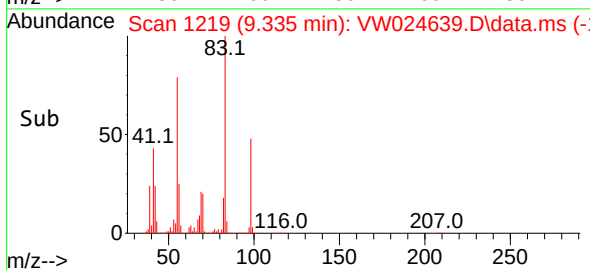
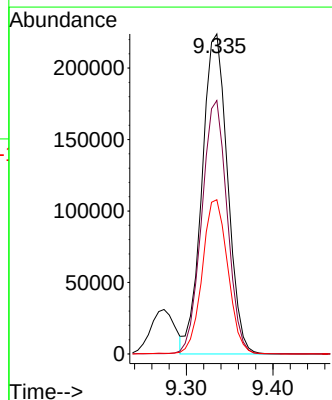
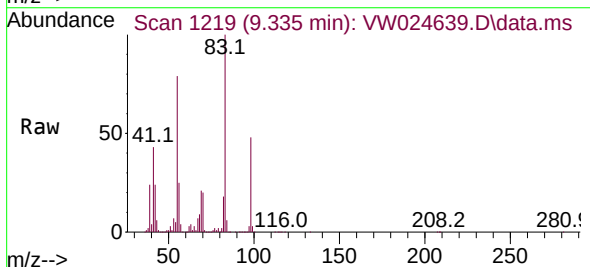
Instrument :
MSVOA_W
ClientSampleId :
VICV454

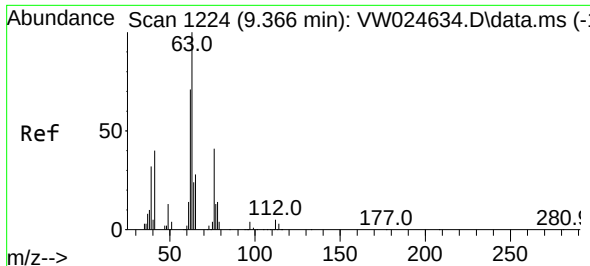
Tgt Ion: 95 Resp: 258971
Ion Ratio Lower Upper
95 100
97 65.9 43.5 80.9
132 96.2 61.2 113.8
130 94.5 68.5 127.1



#35
Methylcyclohexane
Concen: 23.853 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

Tgt Ion: 83 Resp: 459082
Ion Ratio Lower Upper
83 100
55 78.5 63.1 94.7
98 48.2 38.3 57.5





#37

1,2-Dichloropropane

Concen: 25.361 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW024639.D

Acq: 26 Sep 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

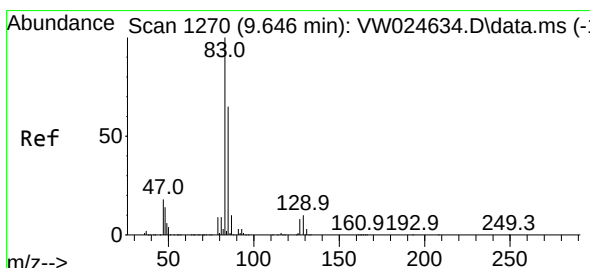
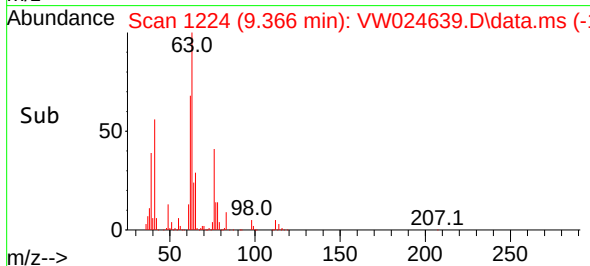
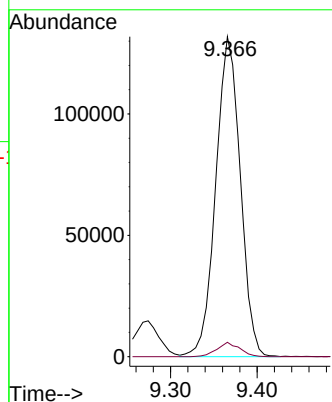
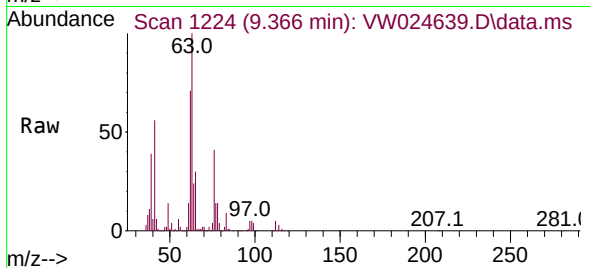
VICV454

Tgt Ion: 63 Resp: 259348

Ion Ratio Lower Upper

63 100

112 4.2 3.6 5.4



#38

Bromodichloromethane

Concen: 25.454 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW024639.D

Acq: 26 Sep 2022 17:09

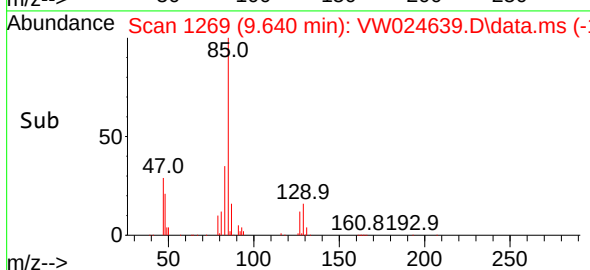
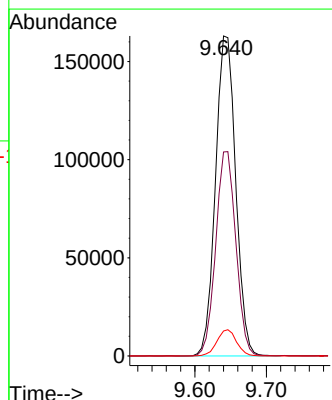
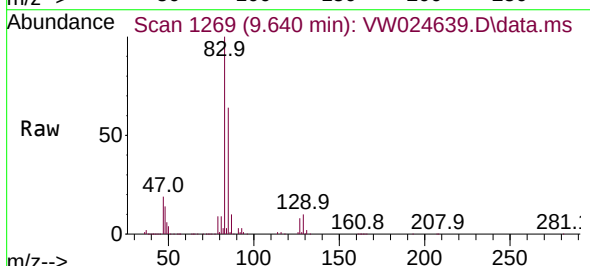
Tgt Ion: 83 Resp: 320191

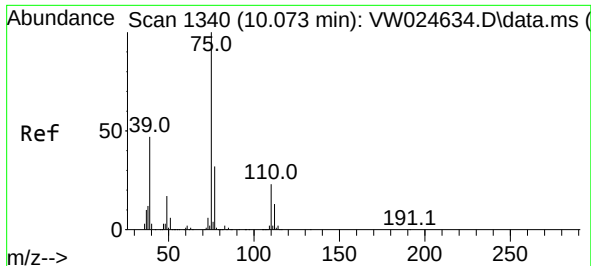
Ion Ratio Lower Upper

83 100

85 63.8 45.6 84.8

127 7.8 6.4 9.6

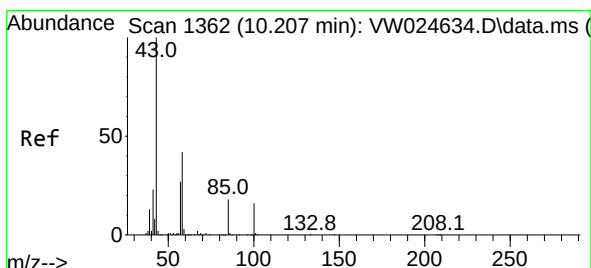
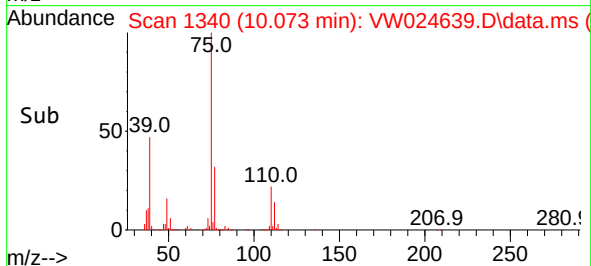
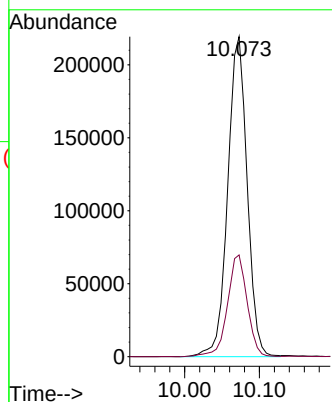
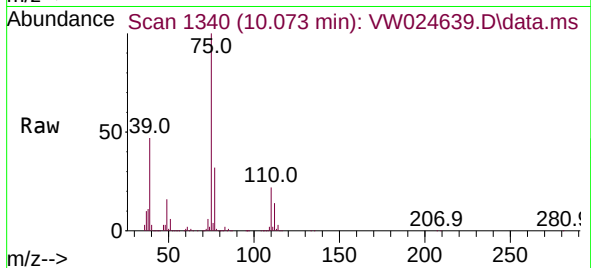




#39
 cis-1,3-Dichloropropene
 Concen: 24.563 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW024639.D
 Acq: 26 Sep 2022 17:09

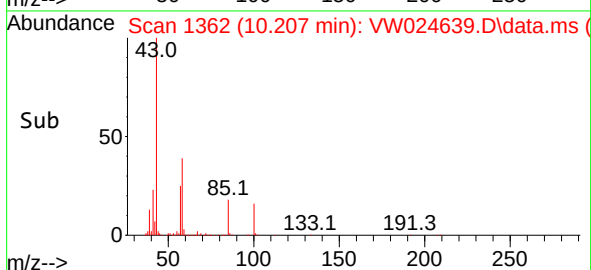
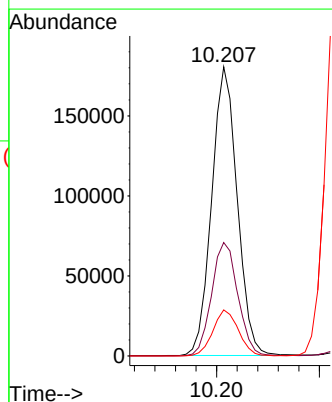
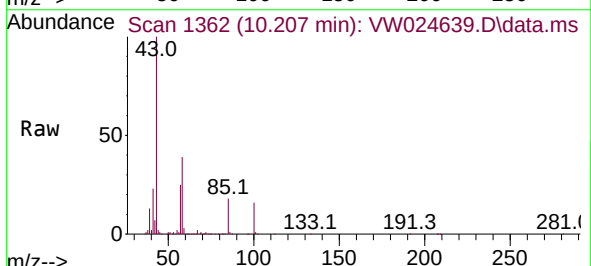
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV454

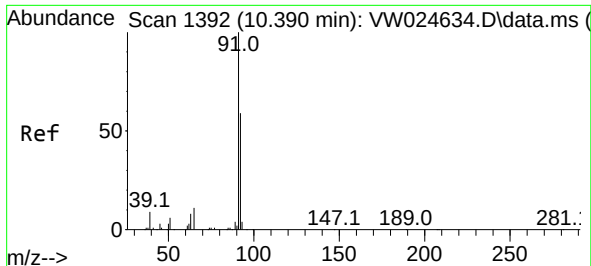
Tgt Ion: 75 Resp: 397216
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 51.313 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW024639.D
 Acq: 26 Sep 2022 17:09

Tgt Ion: 43 Resp: 310593
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.9 49.3
 100 16.0 12.6 19.0

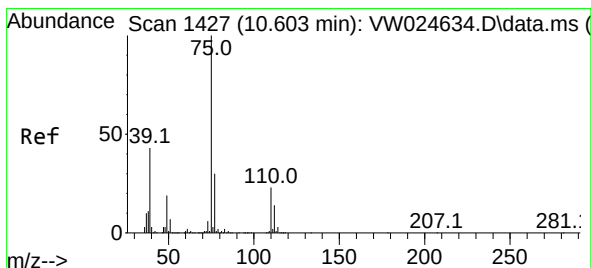
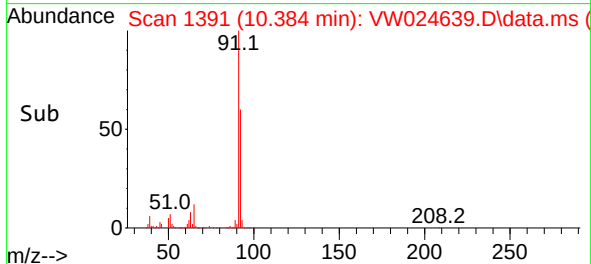
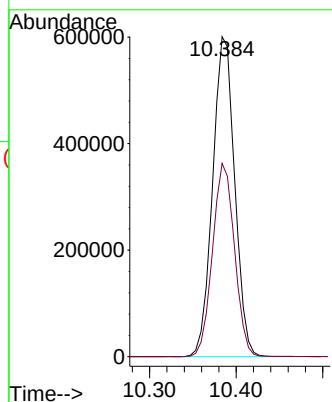
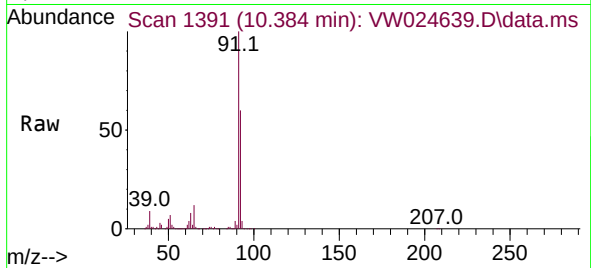




#42
Toluene
Concen: 24.826 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

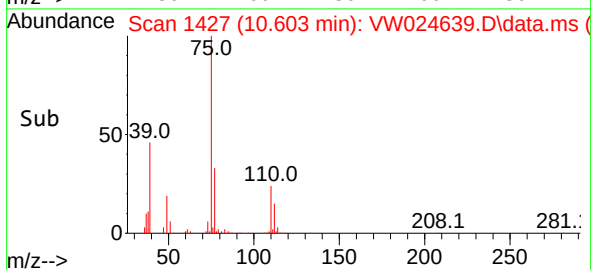
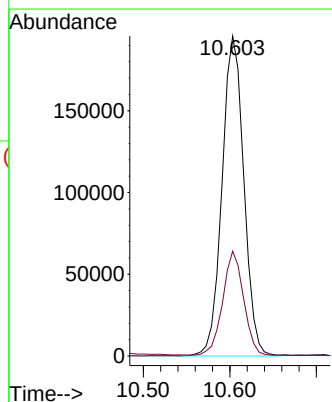
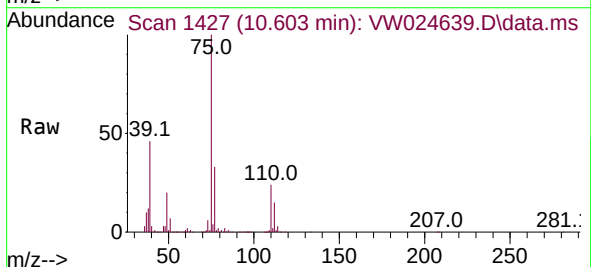
Instrument :
MSVOA_W
ClientSampleId :
VICV454

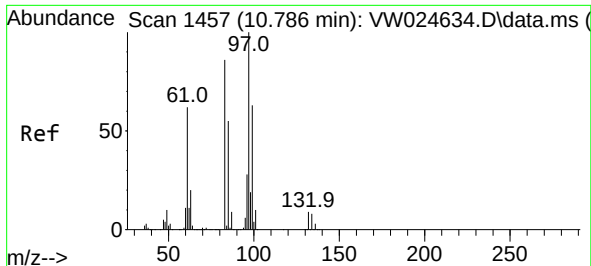
Tgt Ion: 91 Resp: 1061965
Ion Ratio Lower Upper
91 100
92 60.4 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 24.640 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

Tgt Ion: 75 Resp: 341619
Ion Ratio Lower Upper
75 100
77 32.8 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 25.520 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW024639.D

Acq: 26 Sep 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

VICV454

Tgt Ion: 97 Resp: 178255

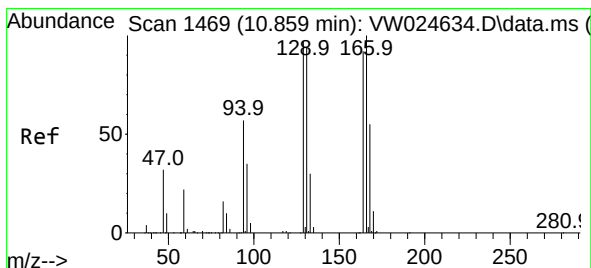
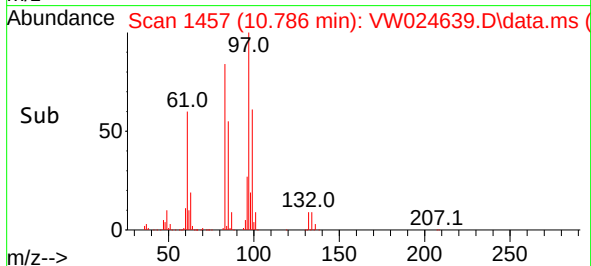
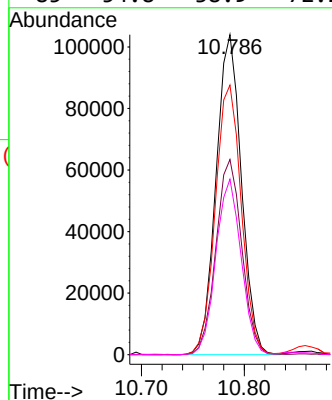
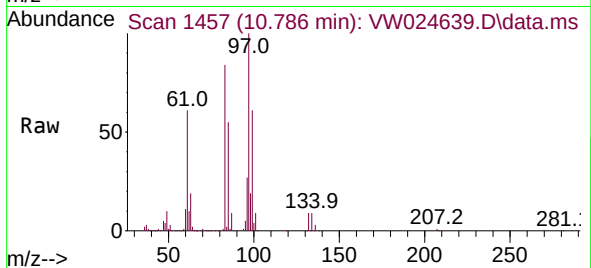
Ion Ratio Lower Upper

97 100

99 61.0 43.8 81.4

83 84.3 60.1 111.5

85 54.8 38.9 72.2



#46

Tetrachloroethene

Concen: 24.616 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024639.D

Acq: 26 Sep 2022 17:09

Tgt Ion:164 Resp: 175599

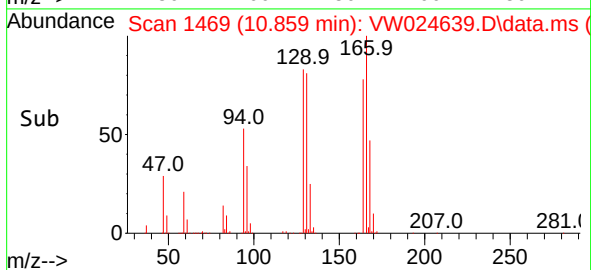
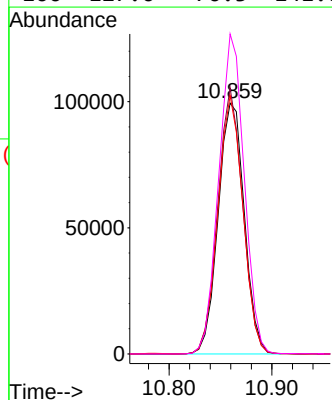
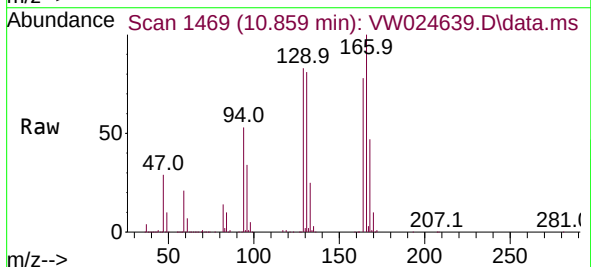
Ion Ratio Lower Upper

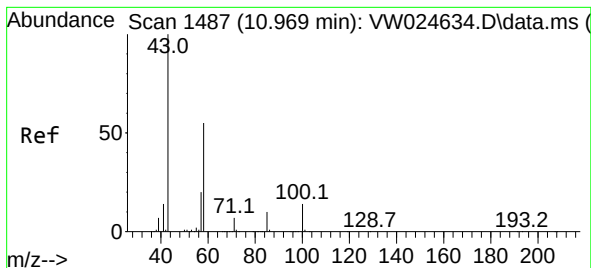
164 100

129 106.1 74.1 137.5

131 103.0 71.5 132.7

166 127.6 76.3 141.7





#48

2-Hexanone

Concen: 51.071 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW024639.D

Acq: 26 Sep 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

VICV454

Tgt Ion: 43 Resp: 209033

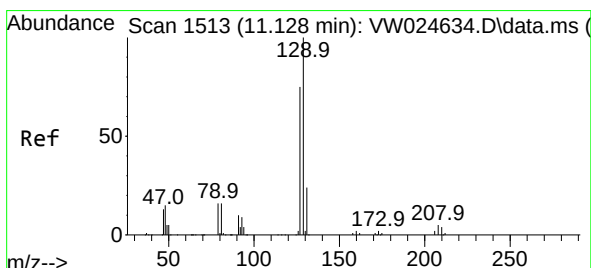
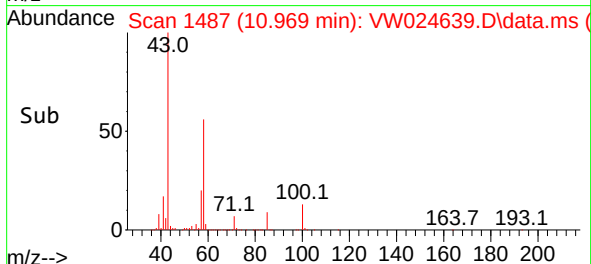
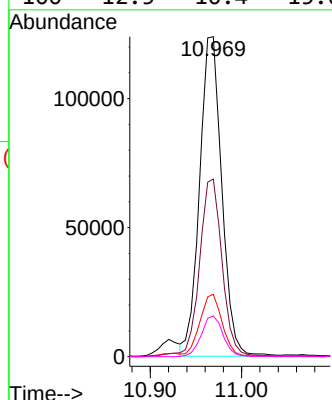
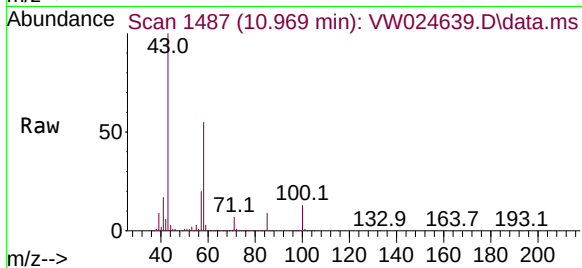
Ion Ratio Lower Upper

43 100

58 56.7 45.3 67.9

57 19.8 16.3 24.5

100 12.5 10.4 15.6



#49

Dibromochloromethane

Concen: 25.747 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW024639.D

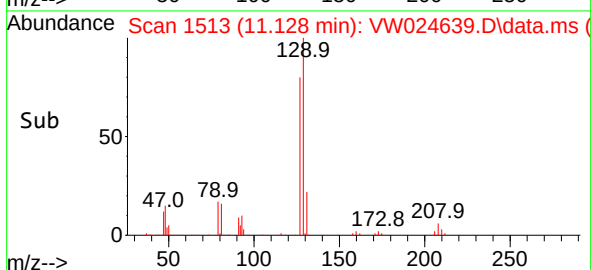
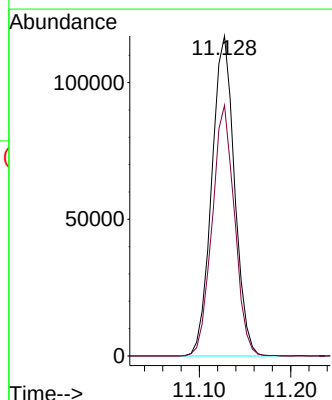
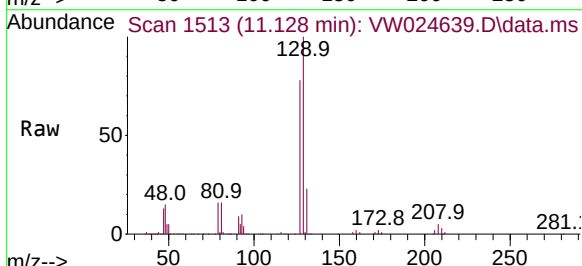
Acq: 26 Sep 2022 17:09

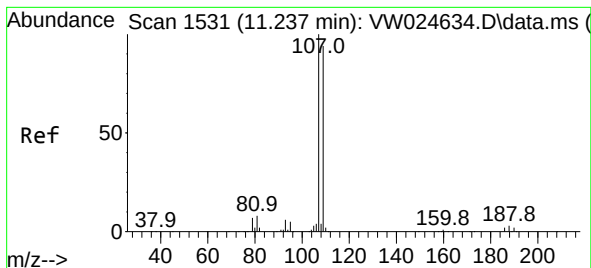
Tgt Ion: 129 Resp: 202513

Ion Ratio Lower Upper

129 100

127 78.4 52.4 97.4

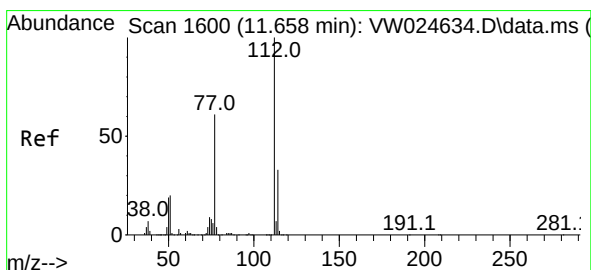
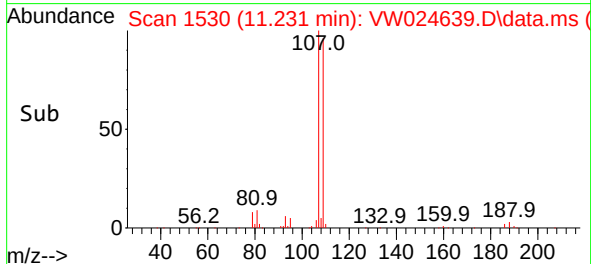
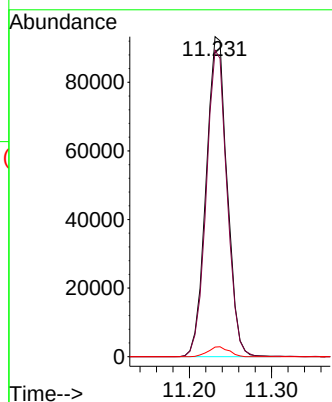
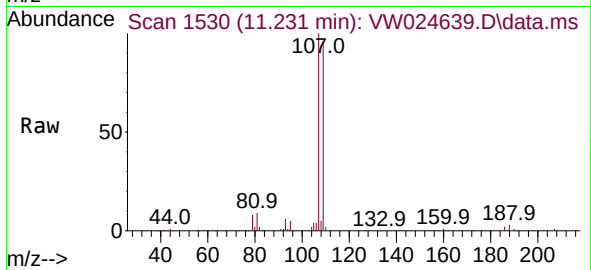




#50
1,2-Dibromoethane
Concen: 25.062 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

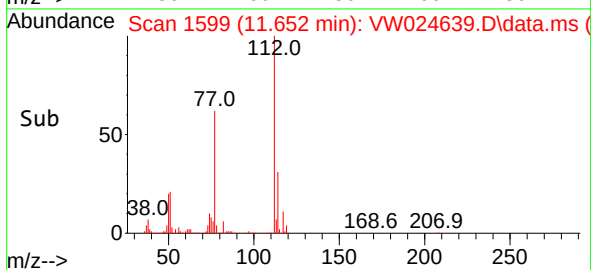
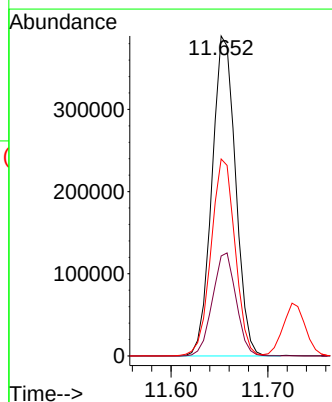
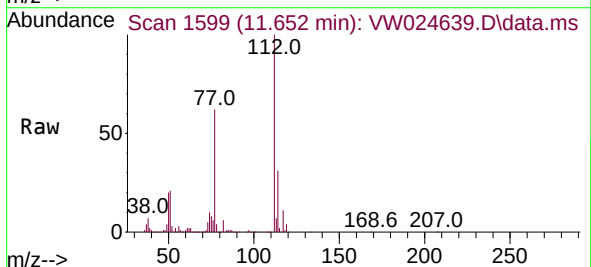
Instrument :
MSVOA_W
ClientSampleId :
VICV454

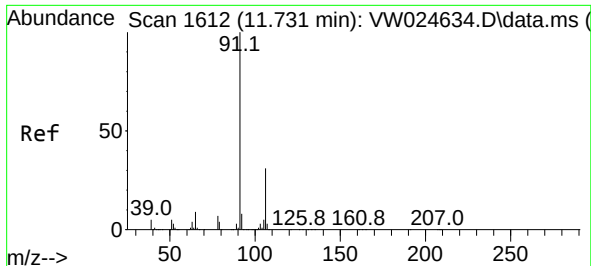
Tgt Ion:107 Resp: 165696
Ion Ratio Lower Upper
107 100
109 95.7 65.5 121.7
188 3.0 2.4 3.6



#51
Chlorobenzene
Concen: 25.259 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

Tgt Ion:112 Resp: 661571
Ion Ratio Lower Upper
112 100
114 31.3 23.3 43.3
77 61.6 49.1 73.7

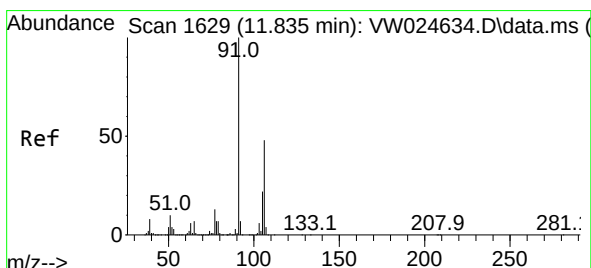
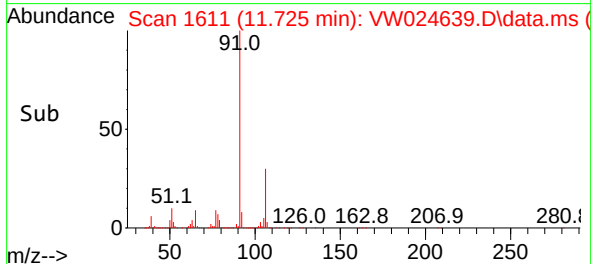
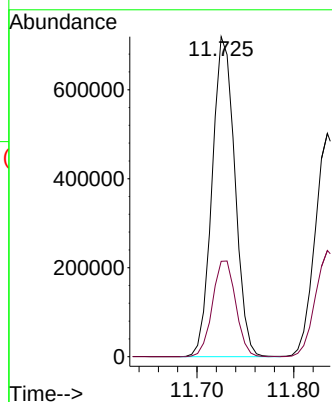
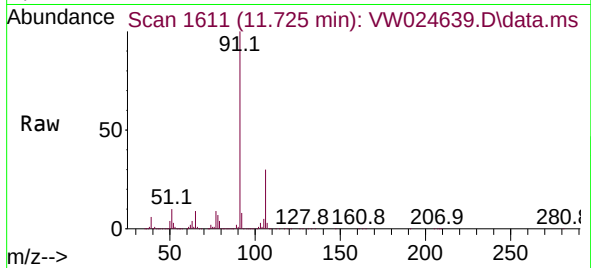




#52
Ethylbenzene
Concen: 24.935 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

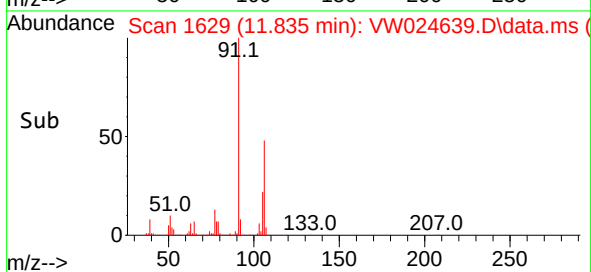
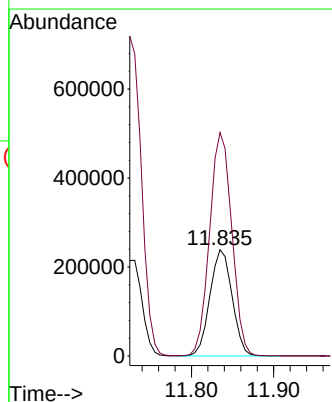
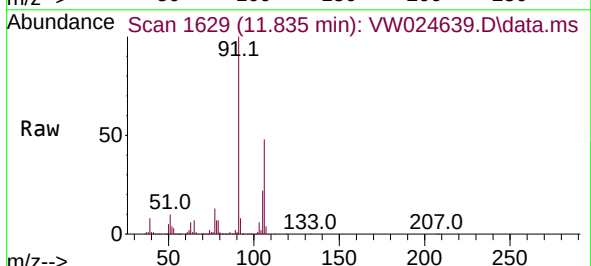
Instrument :
MSVOA_W
ClientSampleId :
VICV454

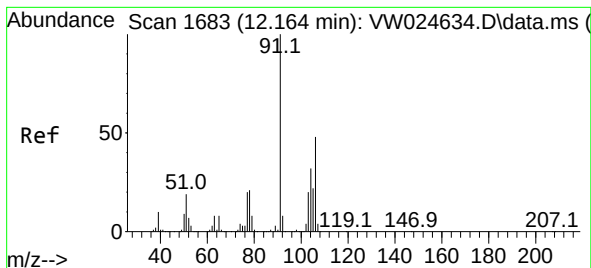
Tgt Ion: 91 Resp: 1174845
Ion Ratio Lower Upper
91 100
106 29.8 21.5 39.9



#53
m,p-Xylene
Concen: 24.309 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

Tgt Ion: 106 Resp: 447249
Ion Ratio Lower Upper
106 100
91 210.1 146.8 272.6

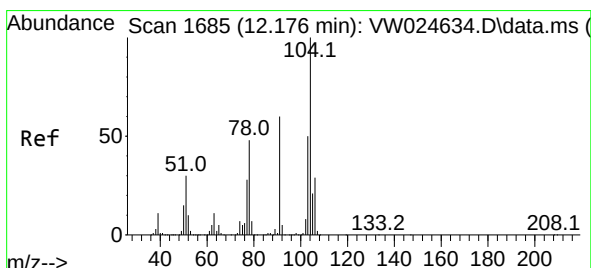
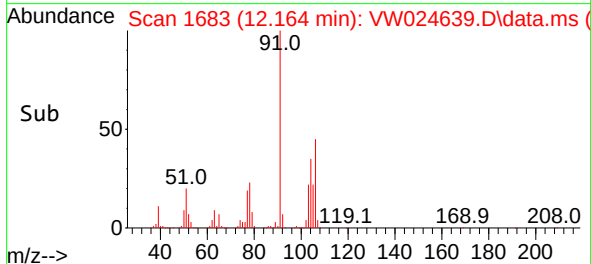
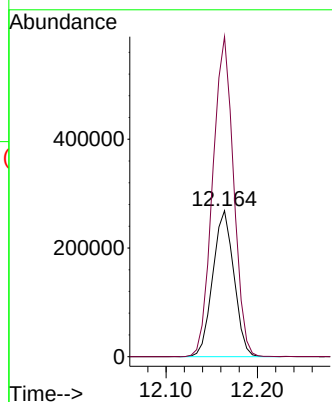
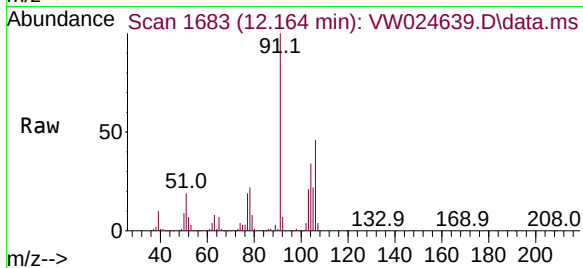




#54
o-Xylene
Concen: 24.866 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

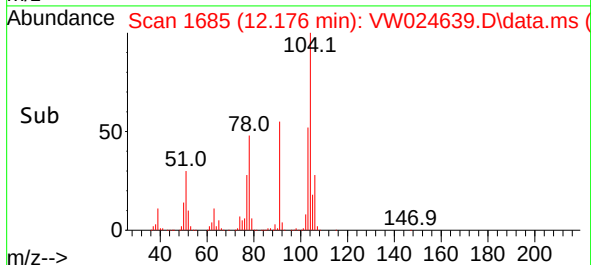
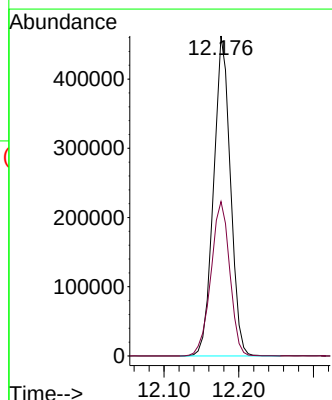
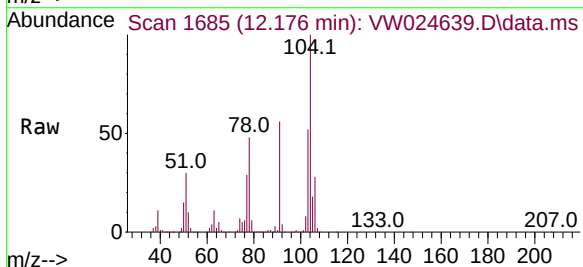
Instrument :
MSVOA_W
ClientSampleId :
VICV454

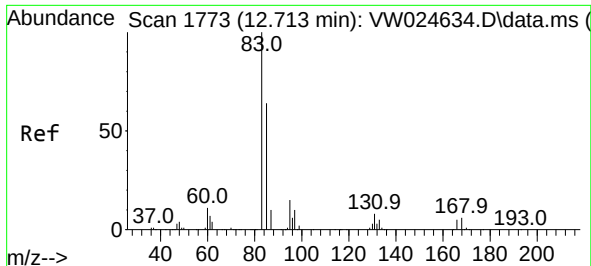
Tgt Ion:106 Resp: 432033
Ion Ratio Lower Upper
106 100
91 219.4 146.3 271.7



#55
Styrene
Concen: 24.766 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

Tgt Ion:104 Resp: 725384
Ion Ratio Lower Upper
104 100
78 48.2 33.5 62.1





#57

1,1,2-Tetrachloroethane

Concen: 25.827 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024639.D

Acq: 26 Sep 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

VICV454

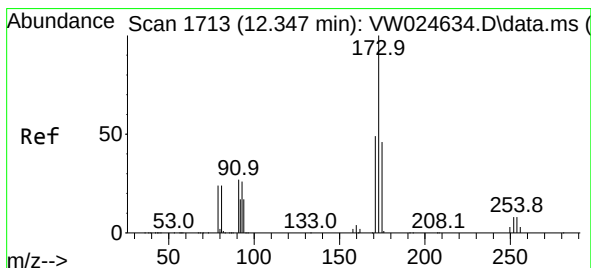
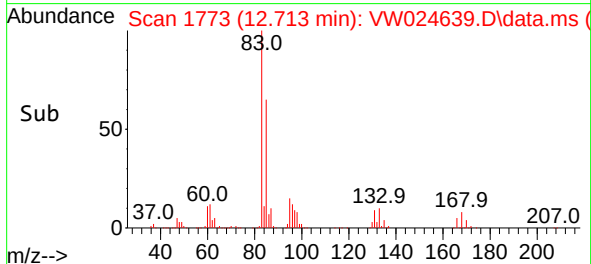
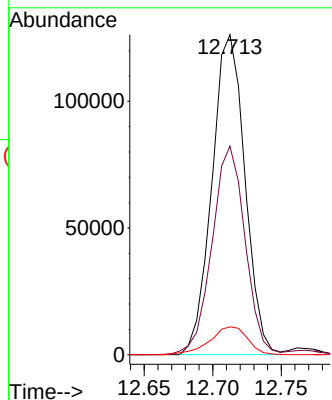
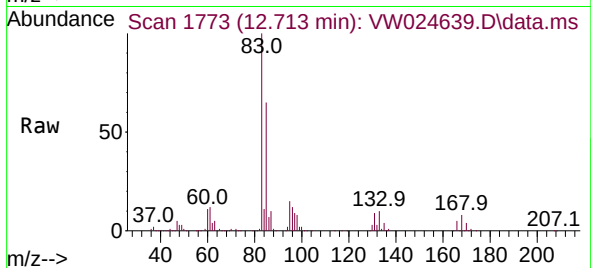
Tgt Ion: 83 Resp: 211230

Ion Ratio Lower Upper

83 100

85 65.1 45.2 84.0

131 8.7 7.3 10.9



#59

Bromoform

Concen: 26.265 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024639.D

Acq: 26 Sep 2022 17:09

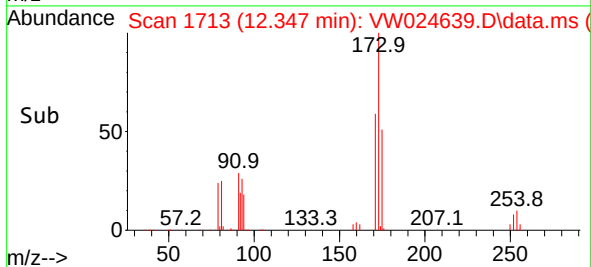
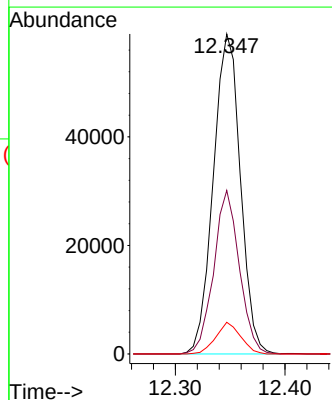
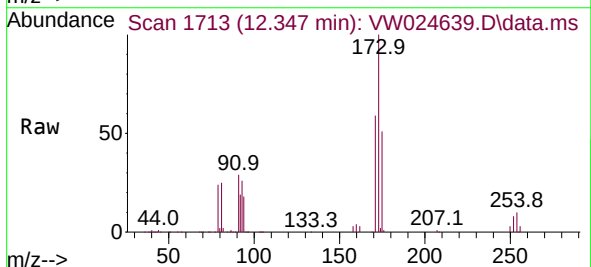
Tgt Ion: 173 Resp: 101213

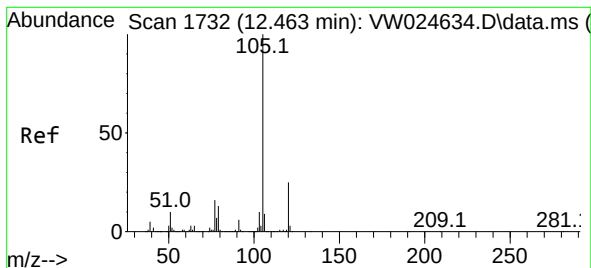
Ion Ratio Lower Upper

173 100

175 48.3 37.7 56.5

254 9.1 6.7 10.1





#60

Isopropylbenzene

Concen: 25.855 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024639.D

Acq: 26 Sep 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

VICV454

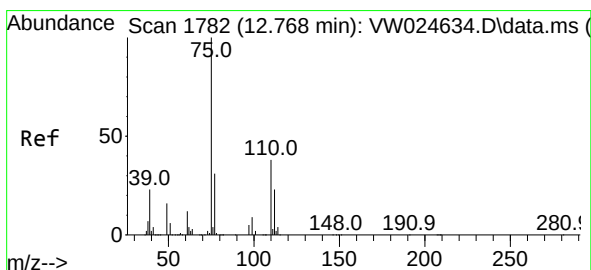
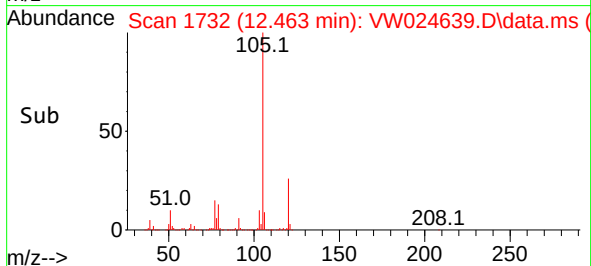
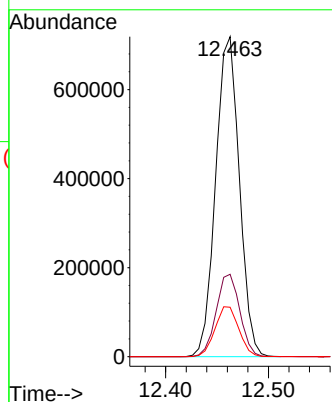
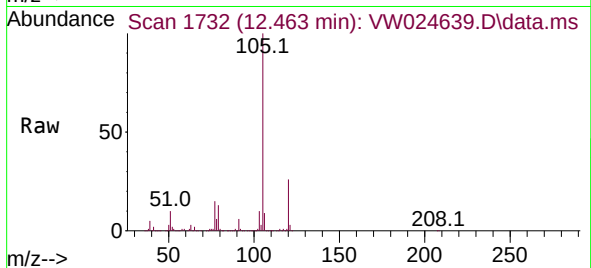
Tgt Ion:105 Resp: 1148817

Ion Ratio Lower Upper

105 100

120 25.7 20.9 31.3

77 15.7 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 26.336 ug/L

RT: 12.767 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024639.D

Acq: 26 Sep 2022 17:09

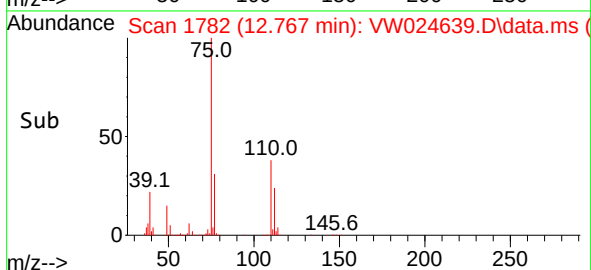
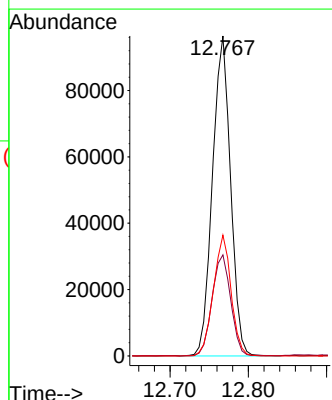
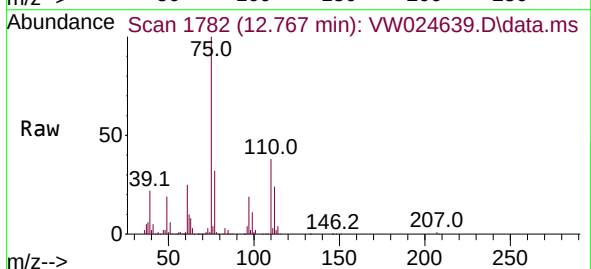
Tgt Ion: 75 Resp: 154660

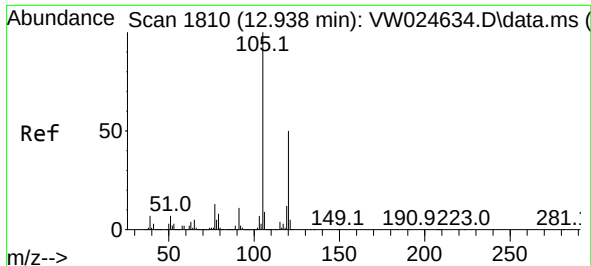
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

110 36.9 29.2 43.8

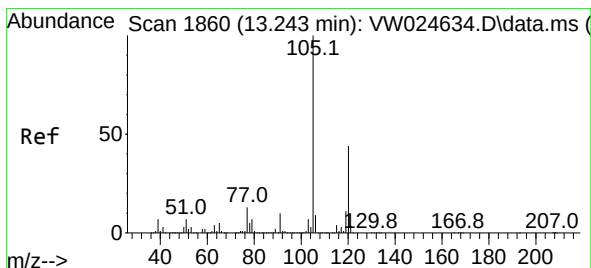
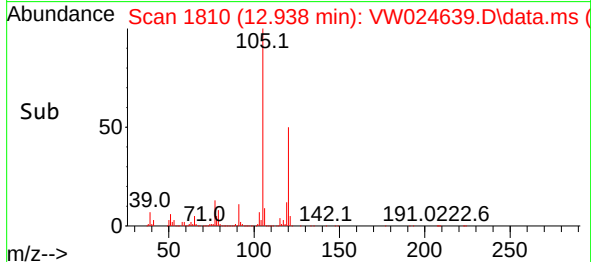
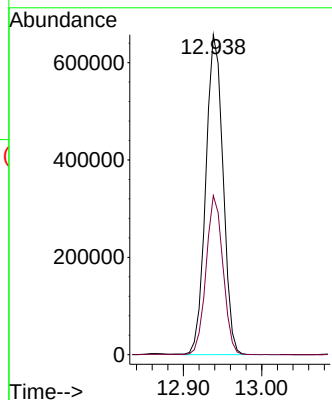
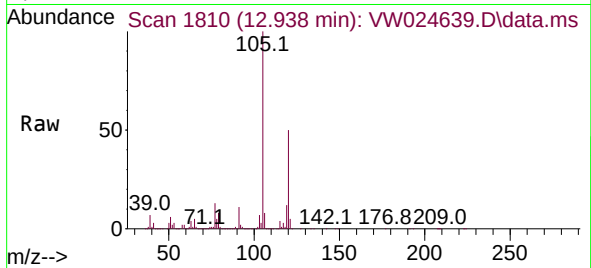




#62
1,3,5-Trimethylbenzene
Concen: 25.922 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

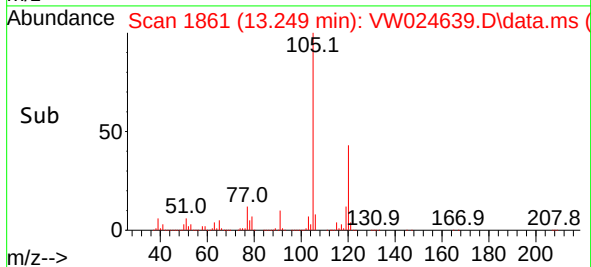
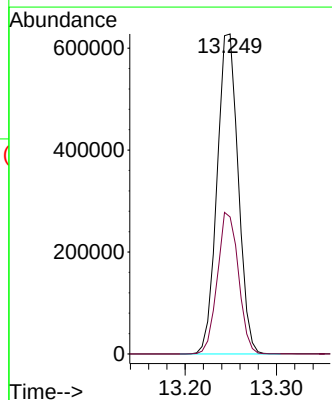
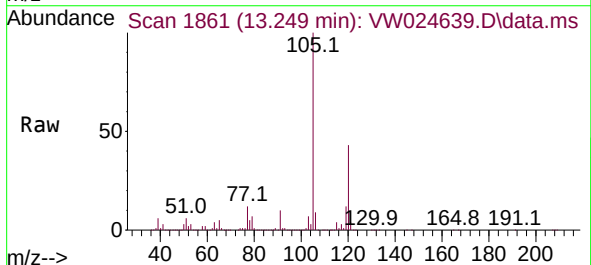
Instrument :
MSVOA_W
ClientSampleId :
VICV454

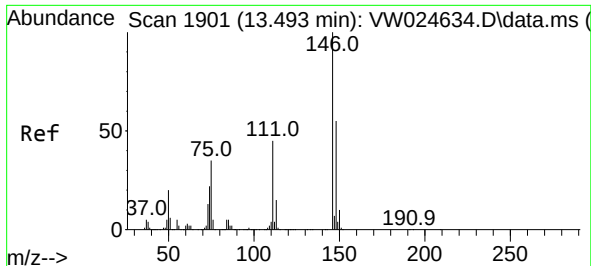
Tgt Ion:105 Resp: 1001070
Ion Ratio Lower Upper
105 100
120 48.7 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 26.673 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

Tgt Ion:105 Resp: 1009108
Ion Ratio Lower Upper
105 100
120 44.1 35.2 52.8

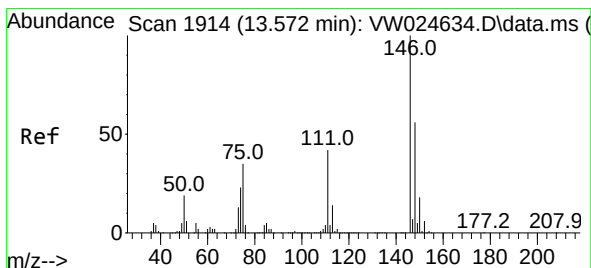
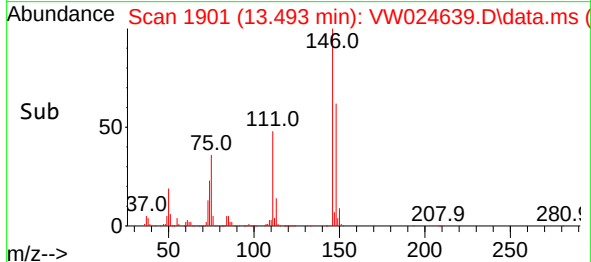
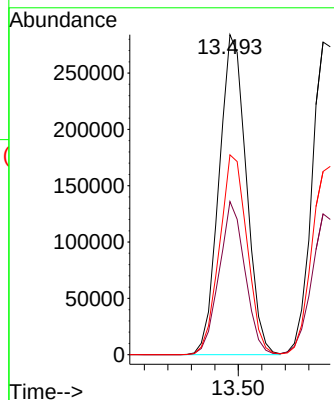
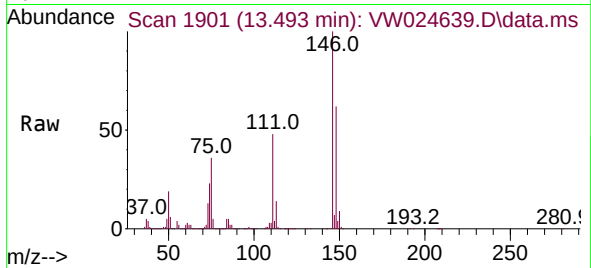




#64
1,3-Dichlorobenzene
Concen: 25.307 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

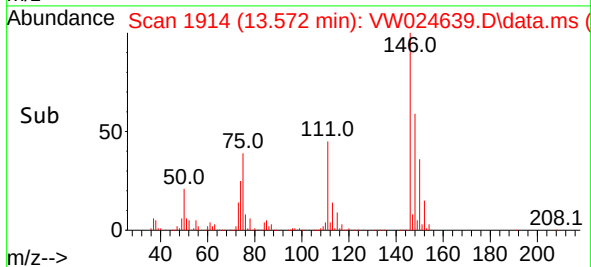
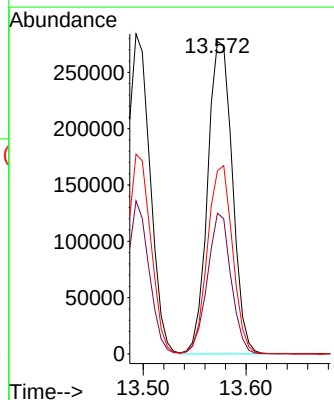
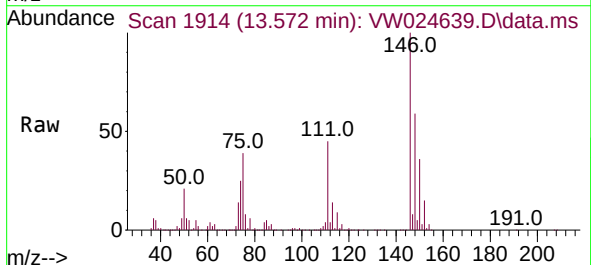
Instrument :
MSVOA_W
ClientSampleId :
VICV454

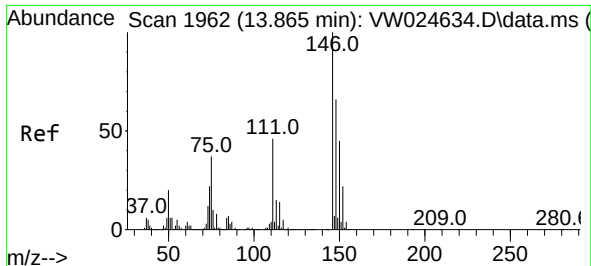
Tgt Ion:146 Resp: 456818
Ion Ratio Lower Upper
146 100
111 47.9 31.6 58.6
148 62.4 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 26.356 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

Tgt Ion:146 Resp: 463141
Ion Ratio Lower Upper
146 100
111 45.0 29.4 54.6
148 58.6 39.6 73.6

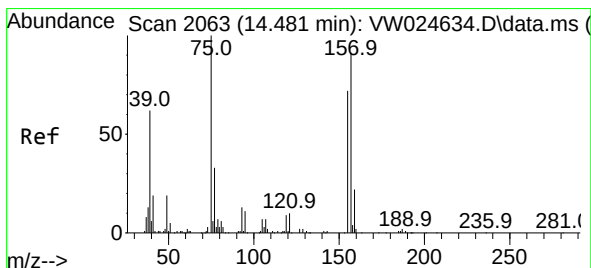
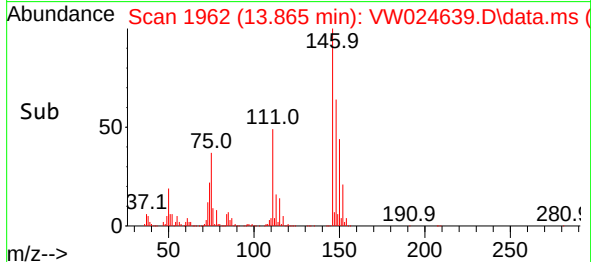
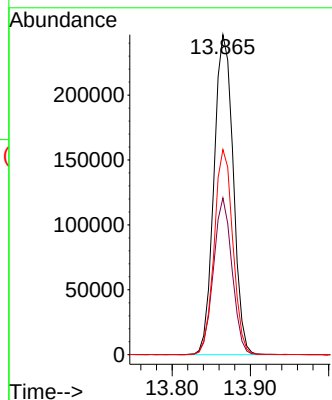
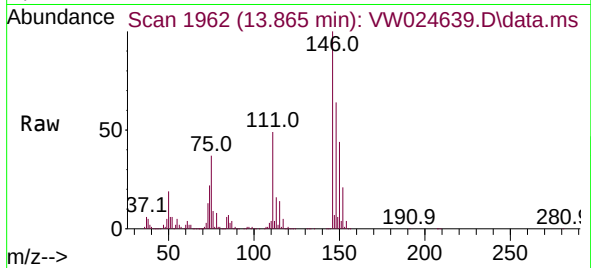




#67
1,2-Dichlorobenzene
Concen: 26.722 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

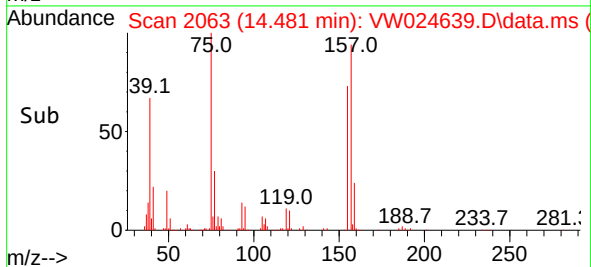
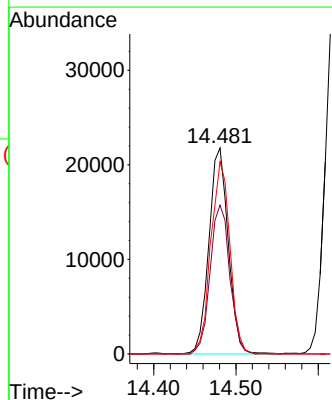
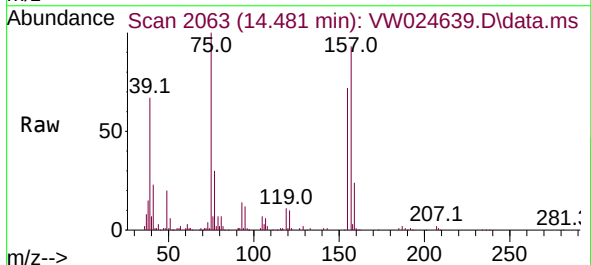
Instrument :
MSVOA_W
ClientSampleId :
VICV454

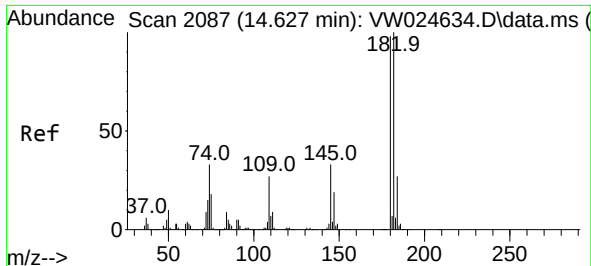
Tgt Ion:146 Resp: 420149
Ion Ratio Lower Upper
146 100
111 49.0 37.2 55.8
148 64.1 53.0 79.6



#68
1,2-Dibromo-3-chloropropane
Concen: 25.677 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024639.D
Acq: 26 Sep 2022 17:09

Tgt Ion: 75 Resp: 35658
Ion Ratio Lower Upper
75 100
155 72.3 57.6 86.4
157 93.5 73.0 109.6





#69

1,3,5-Trichlorobenzene

Concen: 25.571 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW024639.D

Acq: 26 Sep 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

VICV454

Tgt Ion:180 Resp: 306481

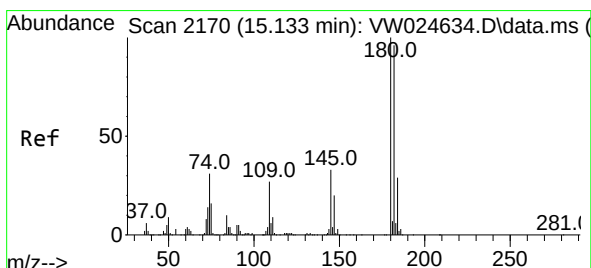
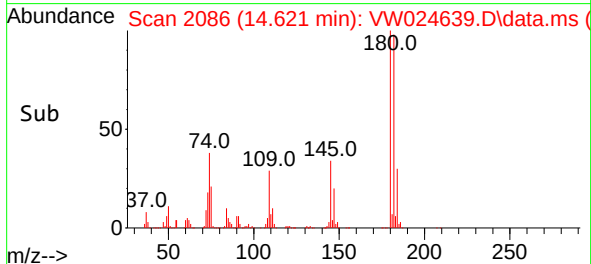
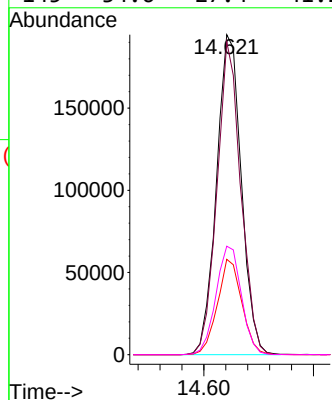
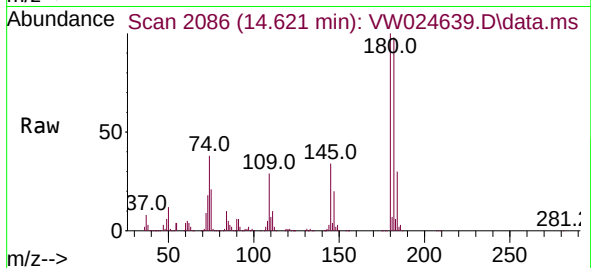
Ion Ratio Lower Upper

180 100

182 93.7 77.1 115.7

184 29.4 23.3 34.9

145 34.6 27.4 41.2



#70

1,2,4-trichlorobenzene

Concen: 25.084 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW024639.D

Acq: 26 Sep 2022 17:09

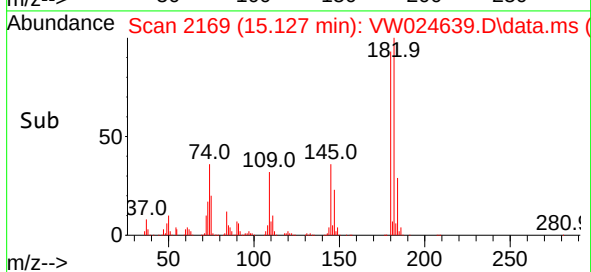
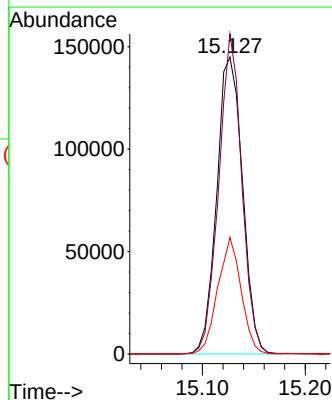
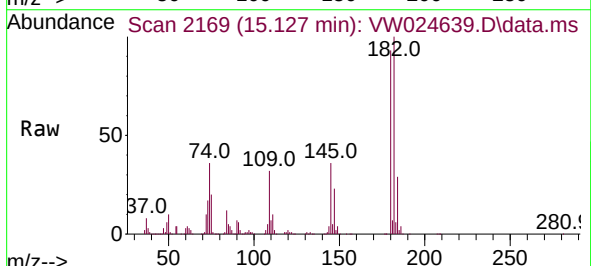
Tgt Ion:180 Resp: 252568

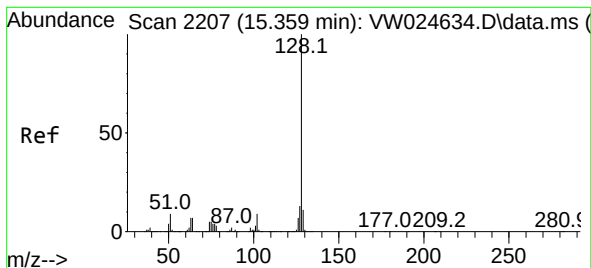
Ion Ratio Lower Upper

180 100

182 96.6 76.8 115.2

145 35.6 29.0 43.4





#71

Naphthalene

Concen: 26.513 ug/L

RT: 15.358 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW024639.D

Acq: 26 Sep 2022 17:09

Instrument :

MSVOA_W

ClientSampleId :

VICV454

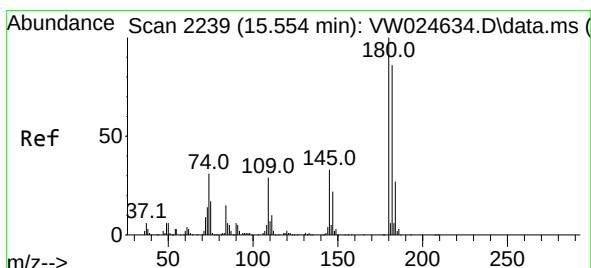
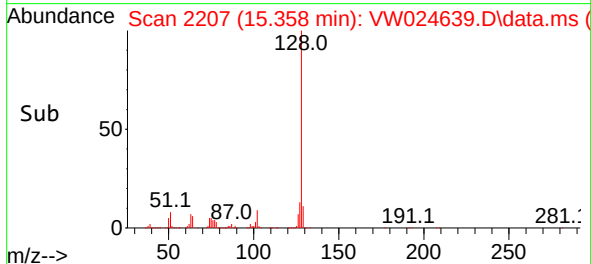
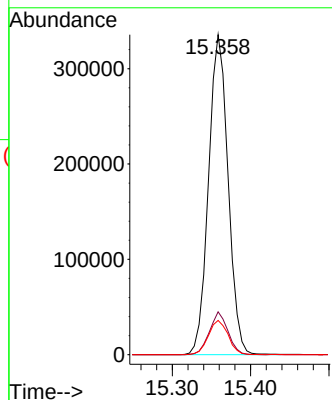
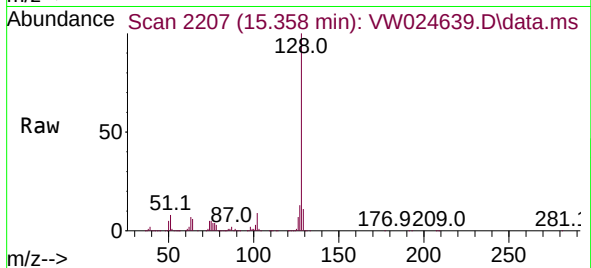
Tgt Ion:128 Resp: 581270

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.8 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 25.515 ug/L

RT: 15.547 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024639.D

Acq: 26 Sep 2022 17:09

Tgt Ion:180 Resp: 218649

Ion Ratio Lower Upper

180 100

182 98.0 77.4 116.2

145 38.2 30.6 45.8

