

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
 Data File : VW025151.D
 Acq On : 22 Dec 2022 12:30
 Operator : SY/MD
 Sample : N6169-03MS
 Misc : 5.14g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 00:44:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 23 00:42:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	334406	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	305807	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	152504	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	105478	27.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.440%	
7) Chloroethane-d5	2.885	69	73661	29.593	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.360%	
11) 1,1-Dichloroethene-d2	4.019	63	231499	27.411	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 109.640%	
21) 2-Butanone-d5	7.074	46	98404	101.680	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 203.360%#	
24) Chloroform-d	7.647	84	249560	28.911	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 115.640%	
26) 1,2-Dichloroethane-d4	8.305	65	147137	33.612	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 134.440%#	
32) Benzene-d6	8.275	84	497051	27.716	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 110.880%	
36) 1,2-Dichloropropane-d6	9.274	67	150689	28.877	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 115.520%	
41) Toluene-d8	10.323	98	451925	27.793	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 111.160%	
43) trans-1,3-Dichloroprop...	10.573	79	72304	32.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 131.200%	
47) 2-Hexanone-d5	10.920	63	85286	111.396	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 222.800%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	136035	35.302	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 141.200%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	149920	29.003	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 116.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	45711	22.555	ug/L	95
3) Chloromethane	2.215	50	88243	24.728	ug/L	99
5) Vinyl chloride	2.361	62	120136	26.911	ug/L	99
6) Bromomethane	2.782	94	61220	26.466	ug/L	93
8) Chloroethane	2.922	64	57705	27.947	ug/L	97
9) Trichlorofluoromethane	3.257	101	86854	25.961	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	117937	26.688	ug/L	99
12) 1,1-Dichloroethene	4.044	96	111188	26.391	ug/L	93
13) Acetone	4.117	43	68731	69.089	ug/L	100
14) Carbon disulfide	4.385	76	336000	24.981	ug/L	100
15) Methyl Acetate	4.672	43	72715	44.782	ug/L	100
16) Methylene chloride	4.915	84	128807	24.644	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	117874	26.392	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	230869	34.836	ug/L	99
19) 1,1-Dichloroethane	6.214	63	217061	26.896	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	131996	27.949	ug/L	96
22) 2-Butanone	7.171	43	101794	81.334	ug/L	99
23) Bromochloromethane	7.513	128	62067	31.057	ug/L	99
25) Chloroform	7.677	83	226867	27.779	ug/L	99

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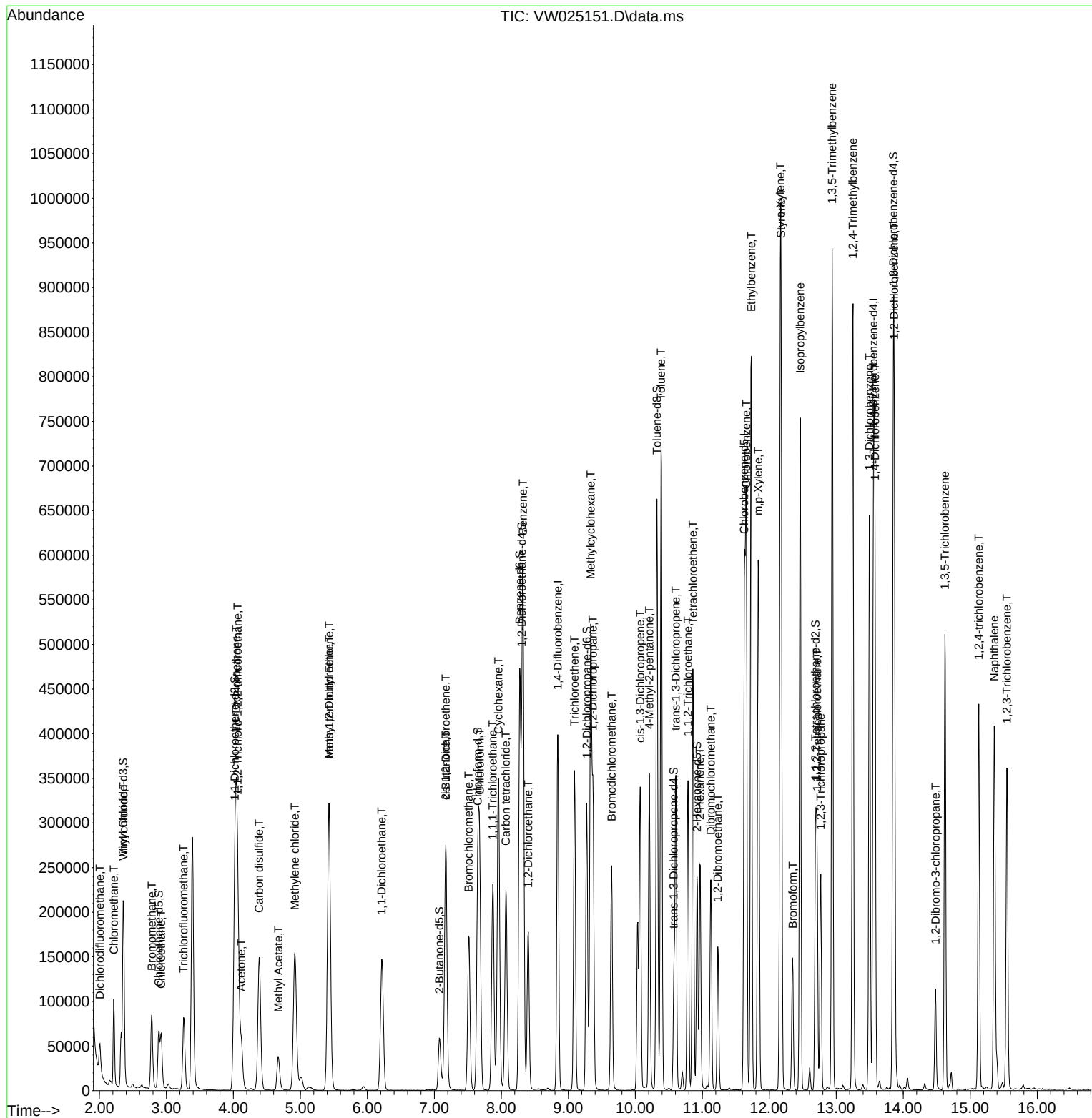
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	165497	32.186	ug/L	99
29) Cyclohexane	7.958	56	201238	25.988	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	190717	26.420	ug/L	100
31) Carbon tetrachloride	8.067	117	171372	25.818	ug/L	100
33) Benzene	8.323	78	504270	26.619	ug/L	100
34) Trichloroethene	9.092	95	127402	25.674	ug/L	94
35) Methylcyclohexane	9.335	83	218925	24.873	ug/L	99
37) 1,2-Dichloropropane	9.366	63	126483	27.682	ug/L	99
38) Bromodichloromethane	9.646	83	172836	28.634	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	206324	29.553	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	218505	93.289	ug/L	100
42) Toluene	10.384	91	528794	26.642	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	193488	32.362	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	110246	33.811	ug/L	96
46) Tetrachloroethene	10.860	164	101587	28.122	ug/L	95
48) 2-Hexanone	10.963	43	158200	92.470	ug/L	100
49) Dibromochloromethane	11.128	129	125285	31.993	ug/L	86
50) 1,2-Dibromoethane	11.231	107	107397	35.377	ug/L	100
51) Chlorobenzene	11.658	112	338938	26.683	ug/L	98
52) Ethylbenzene	11.731	91	583985	25.963	ug/L	98
53) m,p-Xylene	11.835	106	190113	22.132	ug/L	92
54) o-Xylene	12.164	106	180997	22.109	ug/L	96
55) Styrene	12.176	104	308535	22.254	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	124446	32.635	ug/L	98
59) Bromoform	12.353	173	66823	31.908	ug/L	98
60) Isopropylbenzene	12.463	105	479864	20.528	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	99922	34.088	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	495770	24.759	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	491887	25.286	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	244218	25.519	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	241528	25.061	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	227510	27.260	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	29357	42.954	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	151400	22.280	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	126726	23.243	ug/L	97
71) Naphthalene	15.359	128	351182	32.856	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	116474	24.376	ug/L	96

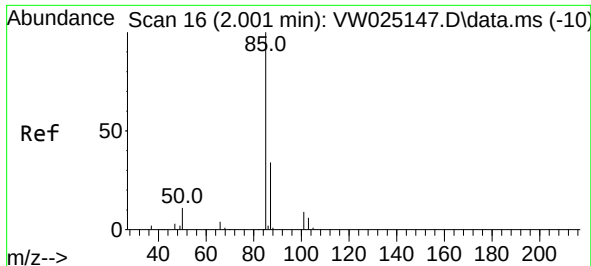
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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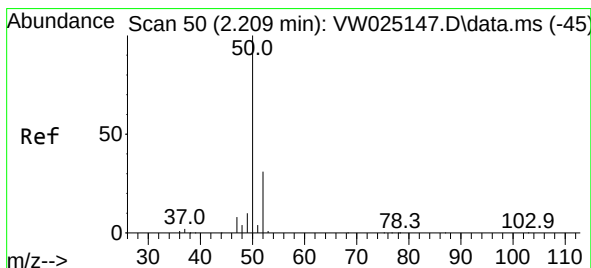
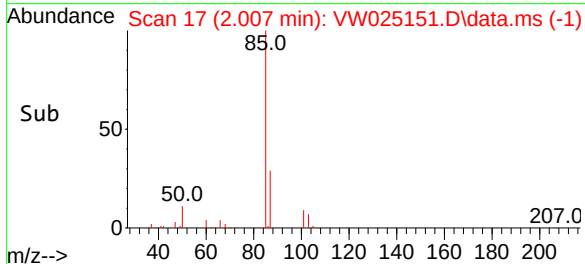
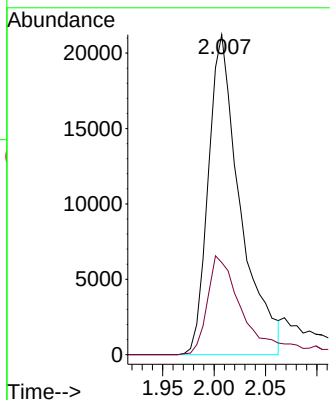
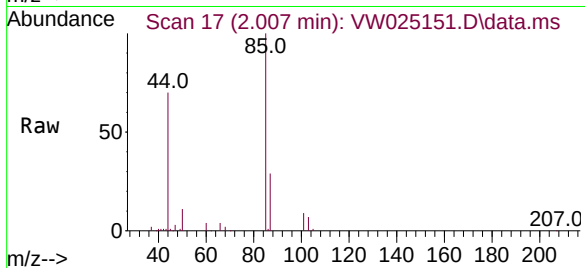




#2
Dichlorodifluoromethane
Concen: 22.555 ug/L
RT: 2.007 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

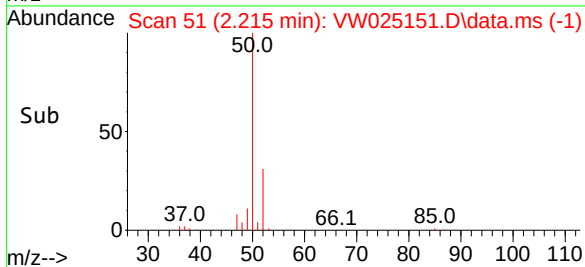
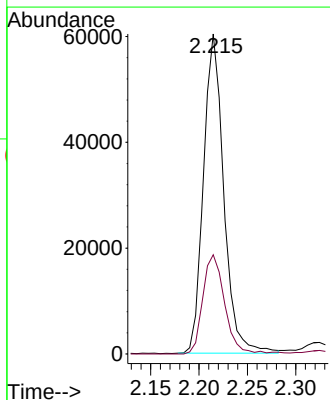
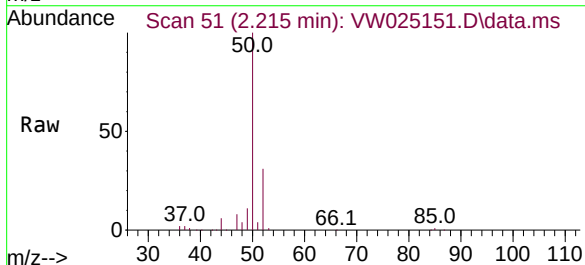
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MSVOA_W
ClientSampleId :

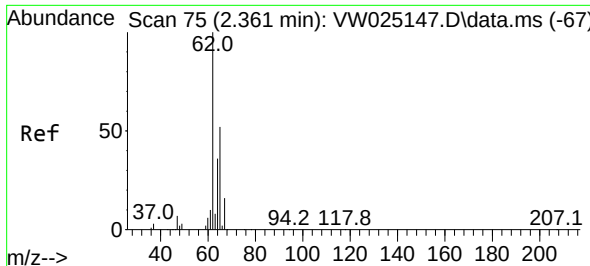
Tgt Ion: 85 Resp: 45711
Ion Ratio Lower Upper
85 100
87 34.1 25.0 37.6



#3
Chloromethane
Concen: 24.728 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

Tgt Ion: 50 Resp: 88243
Ion Ratio Lower Upper
50 100
52 31.0 22.1 41.1

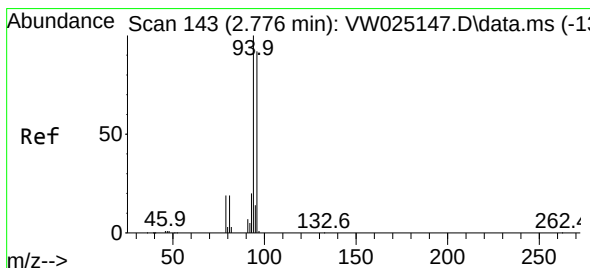
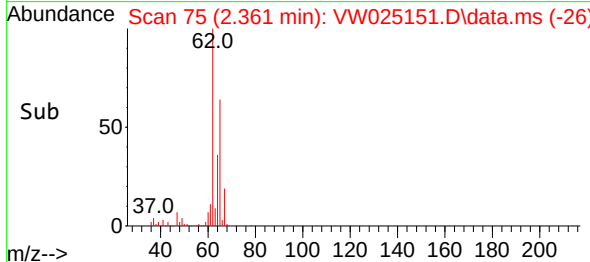
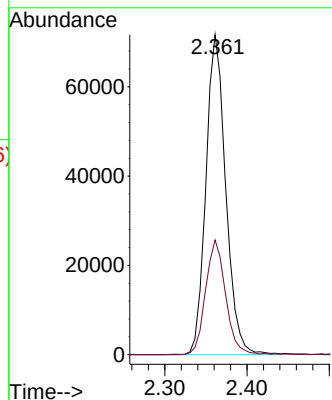
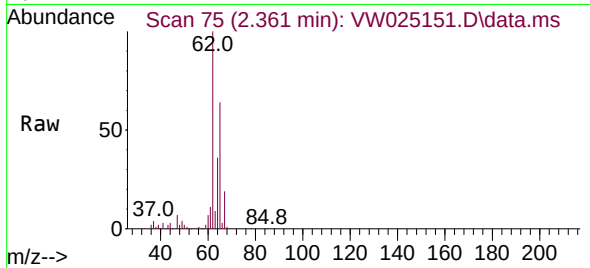




#5
 Vinyl chloride
 Concen: 26.911 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW025151.D
 Acq: 22 Dec 2022 12:30

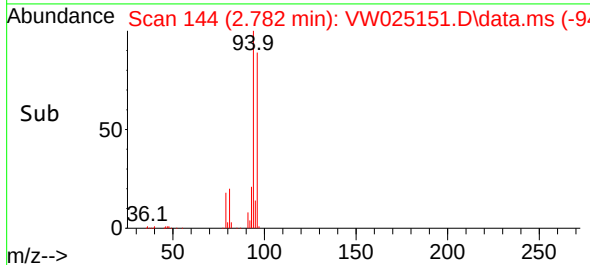
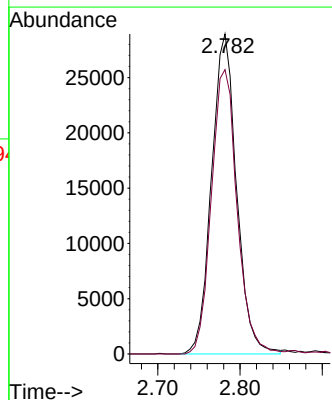
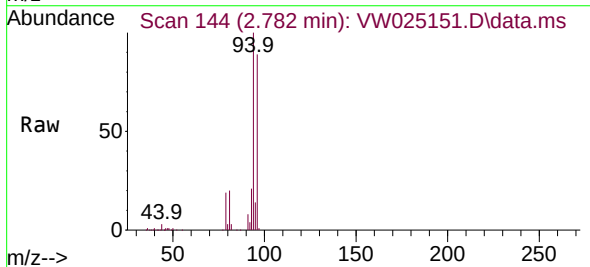
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 ClientSampleId :

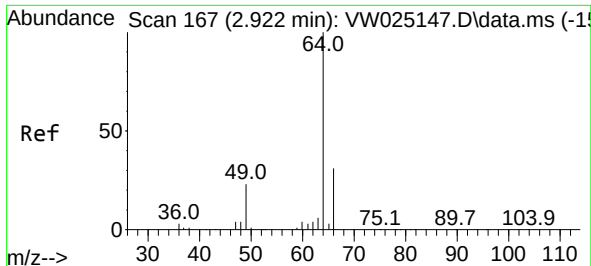
Tgt Ion: 62 Resp: 120136
 Ion Ratio Lower Upper
 62 100
 64 35.8 24.8 46.1



#6
 Bromomethane
 Concen: 26.466 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW025151.D
 Acq: 22 Dec 2022 12:30

Tgt Ion: 94 Resp: 61220
 Ion Ratio Lower Upper
 94 100
 96 88.8 66.7 123.9

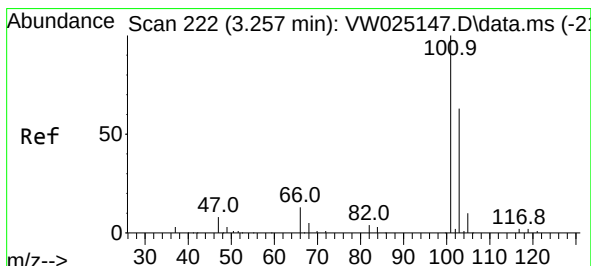
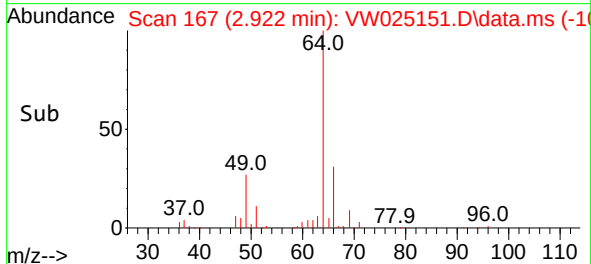
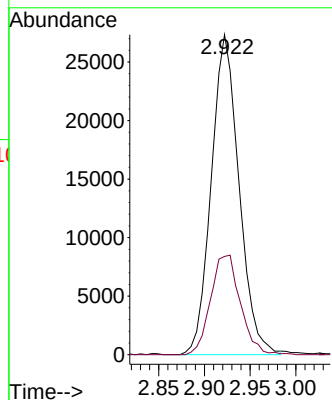
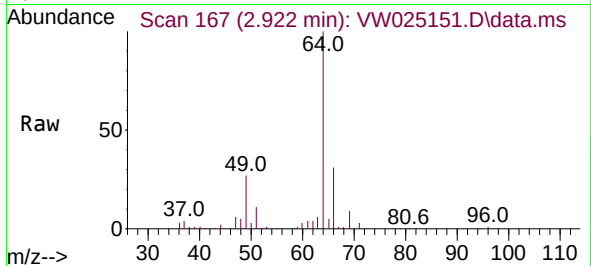




#8
Chloroethane
Concen: 27.947 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

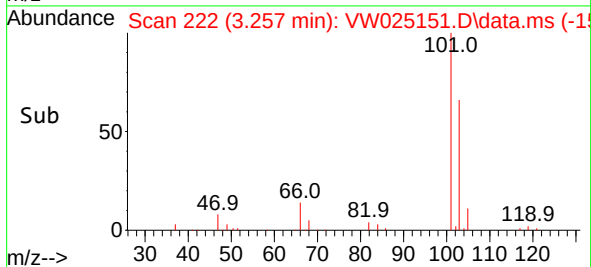
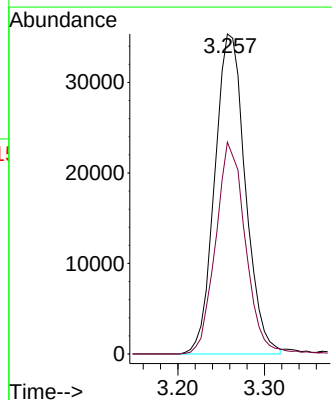
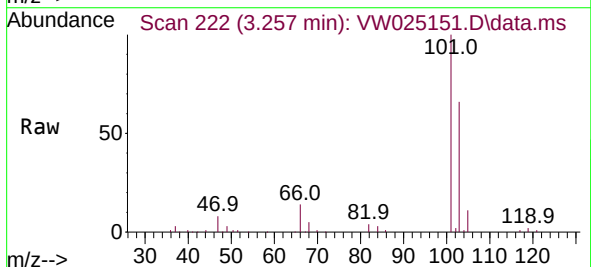
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MSVOA_W
ClientSampleId :

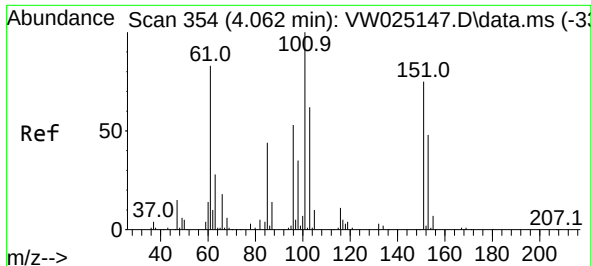
Tgt Ion: 64 Resp: 57705
Ion Ratio Lower Upper
64 100
66 30.7 22.7 42.1



#9
Trichlorofluoromethane
Concen: 25.961 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

Tgt Ion:101 Resp: 86854
Ion Ratio Lower Upper
101 100
103 64.6 50.9 76.3





#10

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

Concen: 26.688 ug/L

RT: 4.062 min Scan# 31

Delta R.T. -0.000 min

Lab File: VW025151.D

Acq: 22 Dec 2022 12:30

Instrument :

MSVOA_W

ClientSampleId :

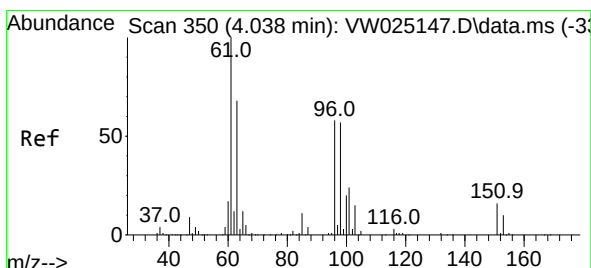
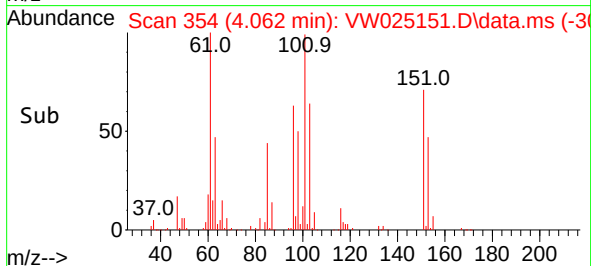
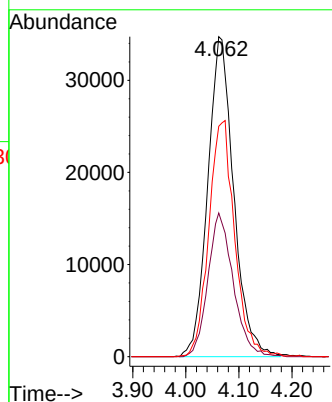
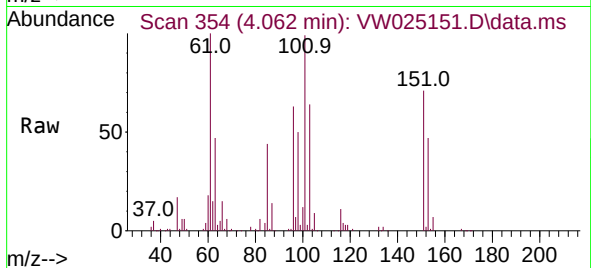
Tgt Ion:101 Resp: 117937

Ion Ratio Lower Upper

101 100

85 43.6 34.6 52.0

151 73.3 57.7 86.5



#12

1,1-Dichloroethene

Concen: 26.391 ug/L

RT: 4.044 min Scan# 351

Delta R.T. 0.006 min

Lab File: VW025151.D

Acq: 22 Dec 2022 12:30

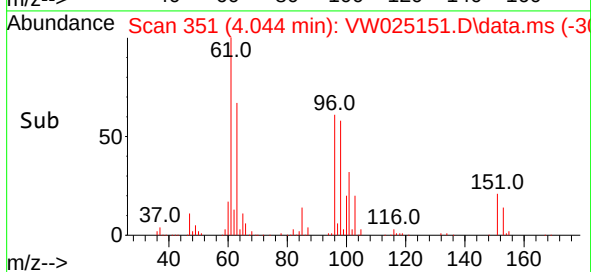
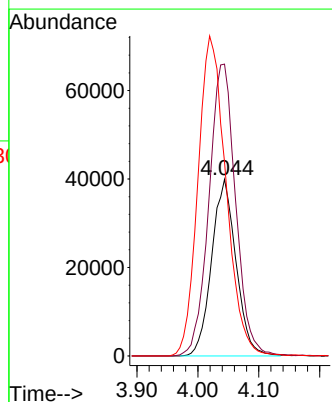
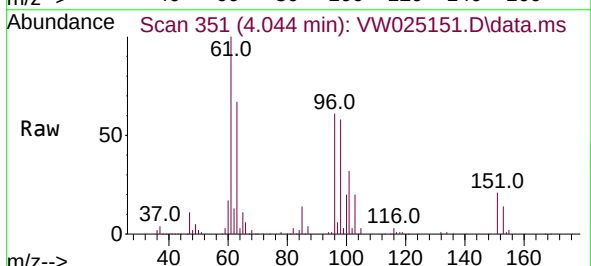
Tgt Ion: 96 Resp: 111188

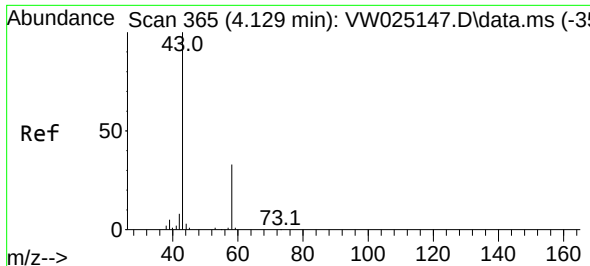
Ion Ratio Lower Upper

96 100

61 165.2 120.8 224.4

63 109.9 84.1 156.1

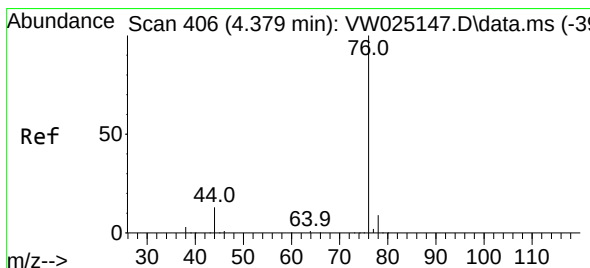
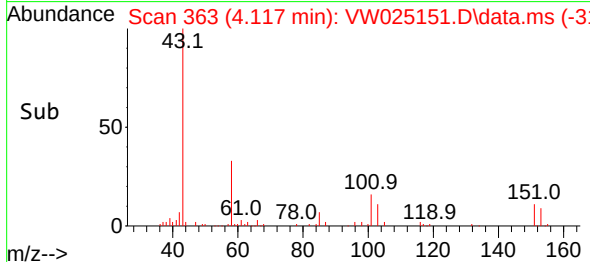
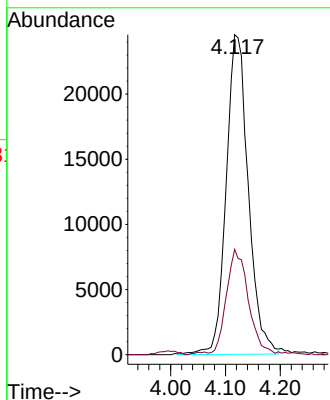
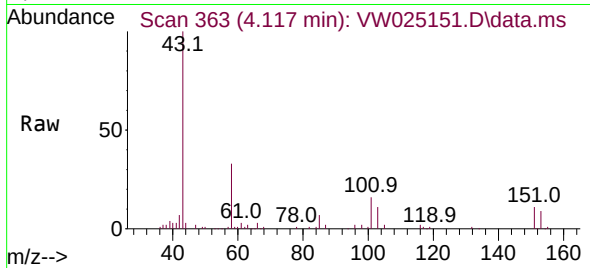




#13
Acetone
Concen: 69.089 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

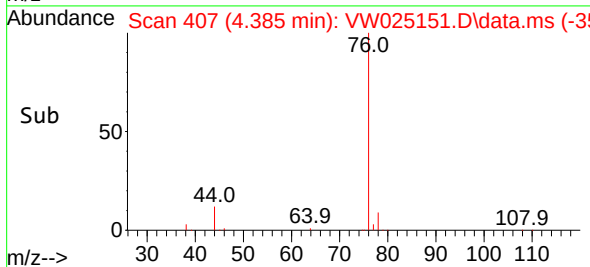
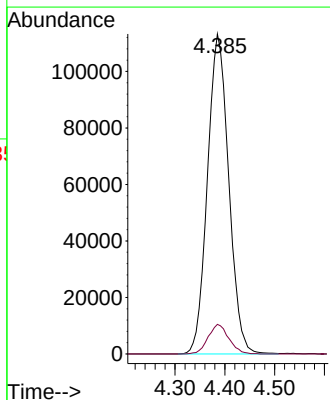
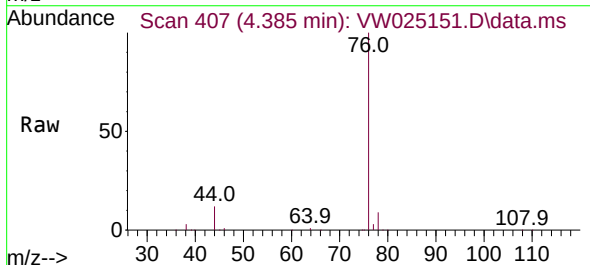
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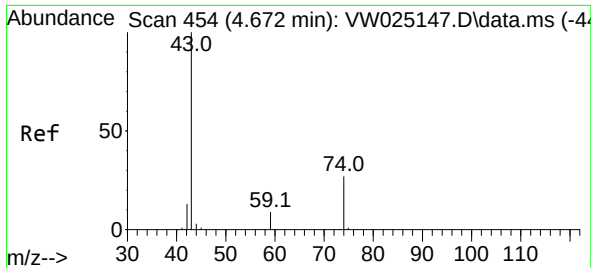
Tgt Ion: 43 Resp: 68731
Ion Ratio Lower Upper
43 100
58 32.6 0.0 65.2



#14
Carbon disulfide
Concen: 24.981 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 336000
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

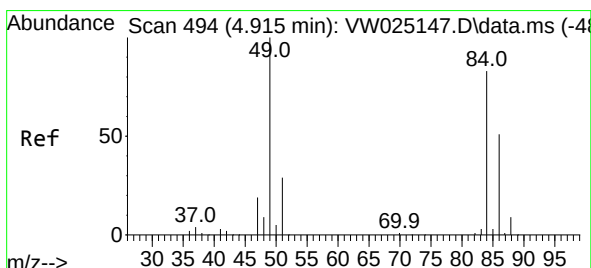
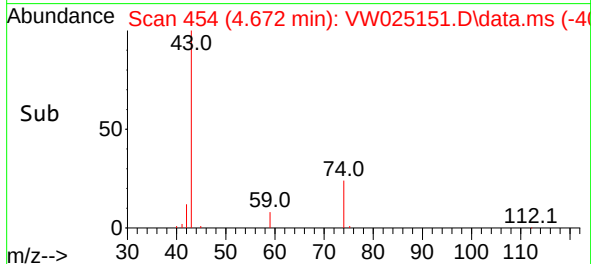
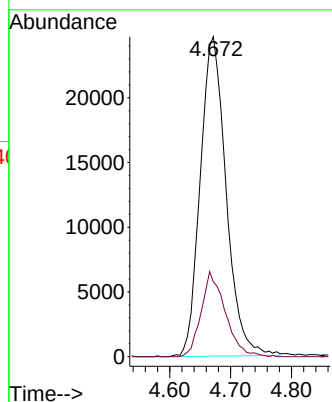
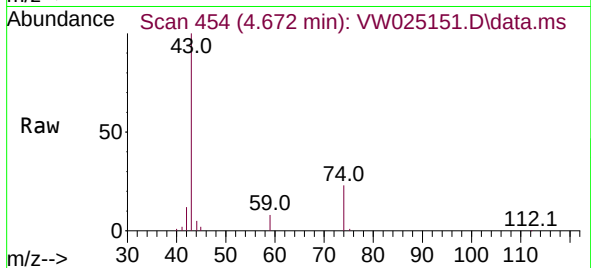




#15
Methyl Acetate
Concen: 44.782 ug/L
RT: 4.672 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

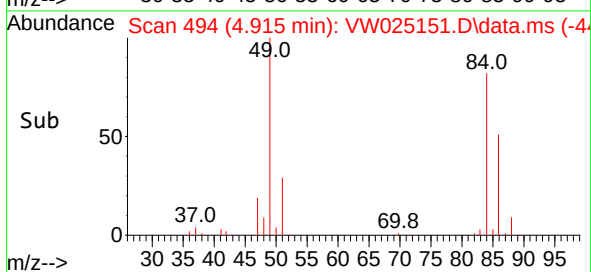
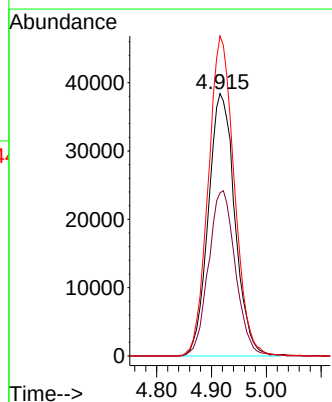
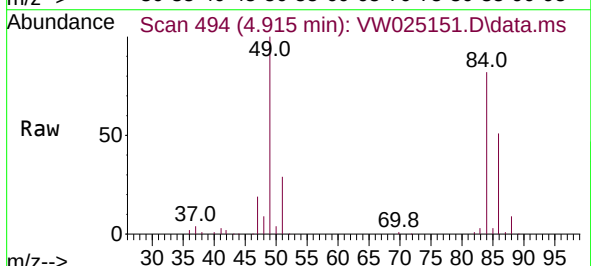
Instrument :
MSVOA_W
ClientSampleId :

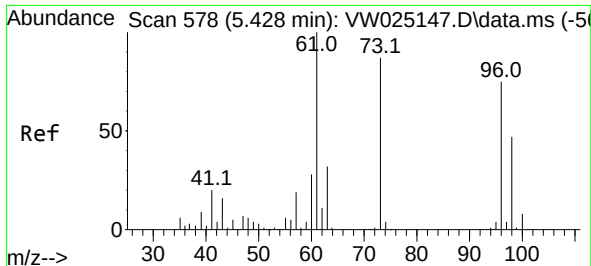
Tgt Ion: 43 Resp: 72715
Ion Ratio Lower Upper
43 100
74 24.5 19.5 29.3



#16
Methylene chloride
Concen: 24.644 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

Tgt Ion: 84 Resp: 128807
Ion Ratio Lower Upper
84 100
86 62.2 45.0 83.6
49 122.0 86.3 160.3

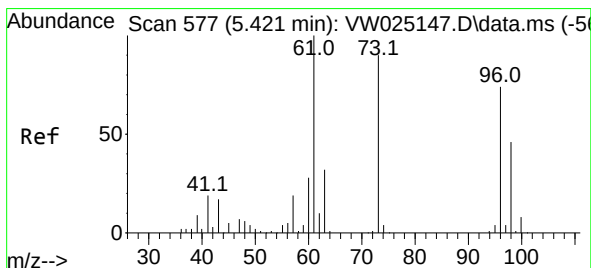
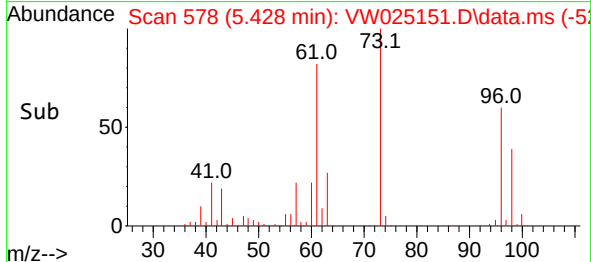
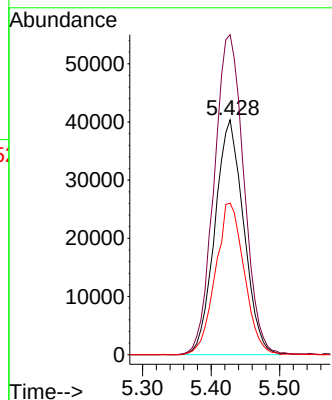
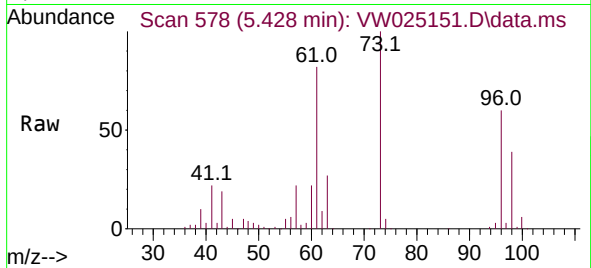




#17
trans-1,2-Dichloroethene
Concen: 26.392 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

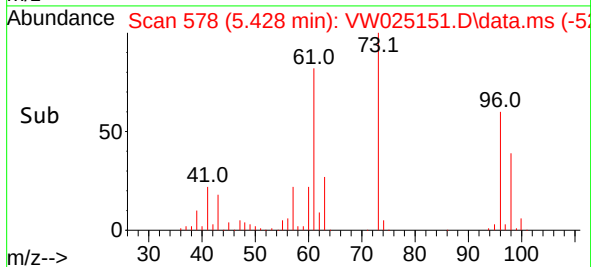
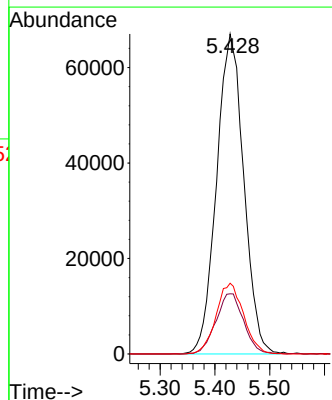
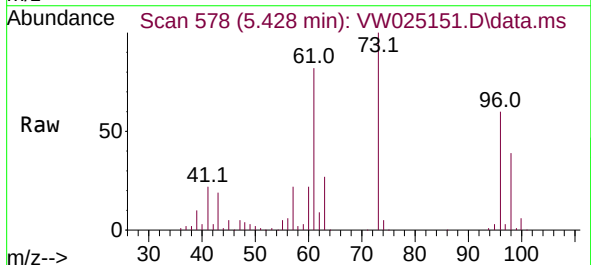
Instrument :
MSVOA_W
ClientSampleId :

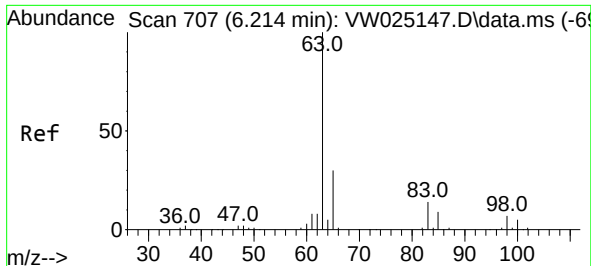
Tgt Ion: 96 Resp: 117874
Ion Ratio Lower Upper
96 100
61 136.2 95.5 177.3
98 64.5 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 34.836 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

Tgt Ion: 73 Resp: 230869
Ion Ratio Lower Upper
73 100
43 19.1 15.6 23.4
57 22.3 17.5 26.3





#19

1,1-Dichloroethane

Concen: 26.896 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW025151.D

Acq: 22 Dec 2022 12:30

Instrument :

MSVOA_W

ClientSampleId :

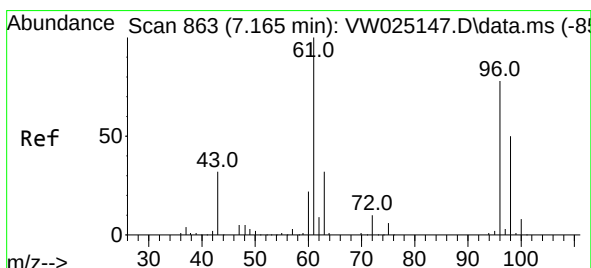
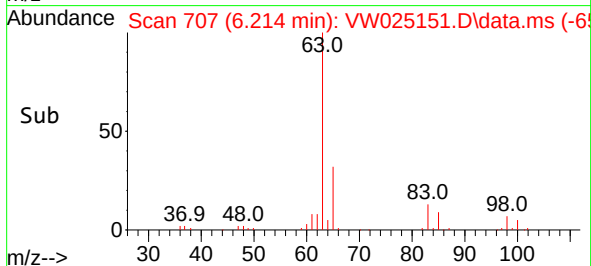
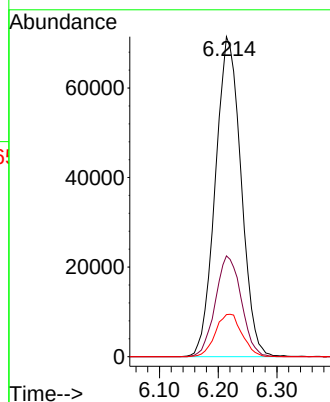
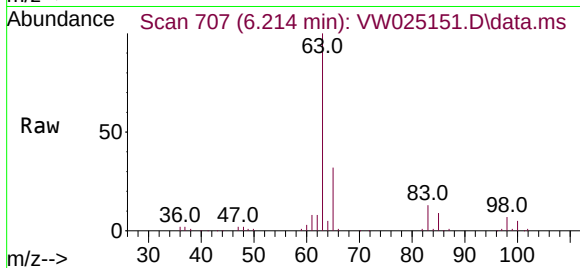
Tgt Ion: 63 Resp: 217061

Ion Ratio Lower Upper

63 100

65 31.5 22.2 41.2

83 13.1 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 27.949 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW025151.D

Acq: 22 Dec 2022 12:30

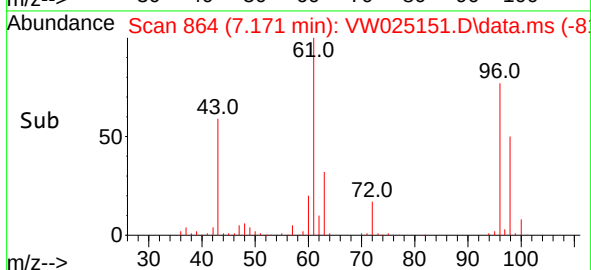
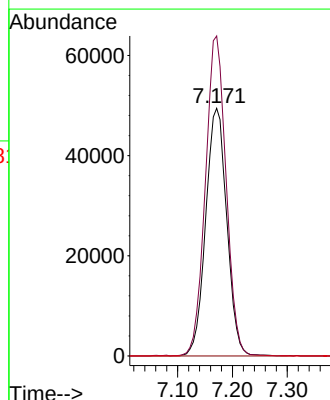
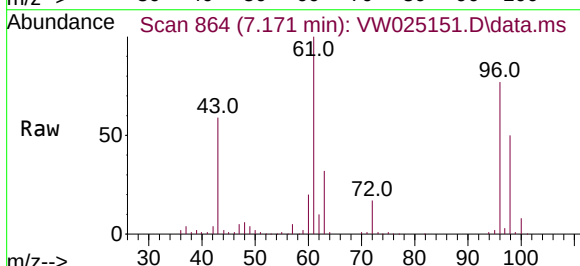
Tgt Ion: 96 Resp: 131996

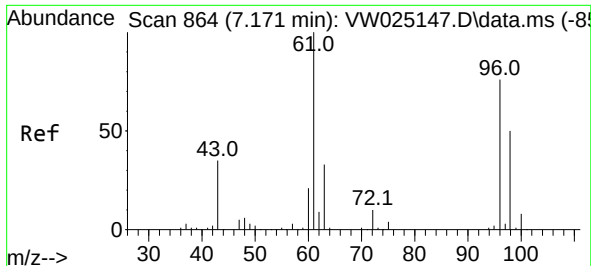
Ion Ratio Lower Upper

96 100

61 129.2 93.7 173.9

68 0.0 0.0 0.0

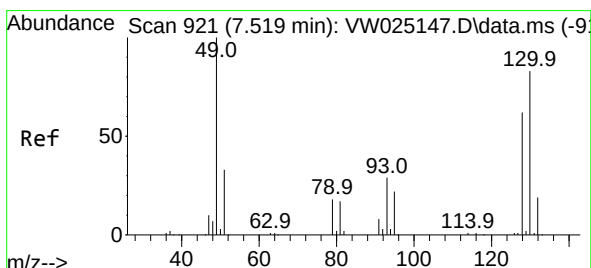
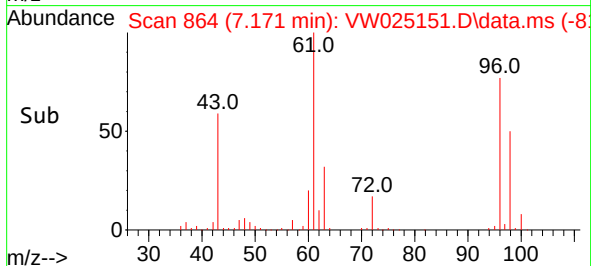
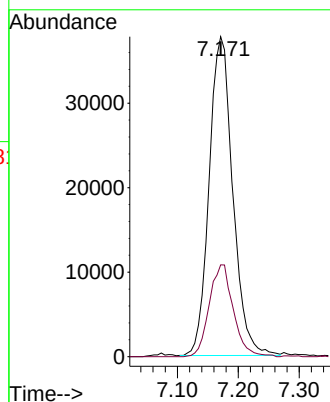
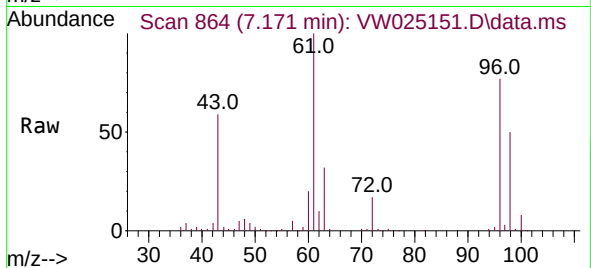




#22
2-Butanone
Concen: 81.334 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

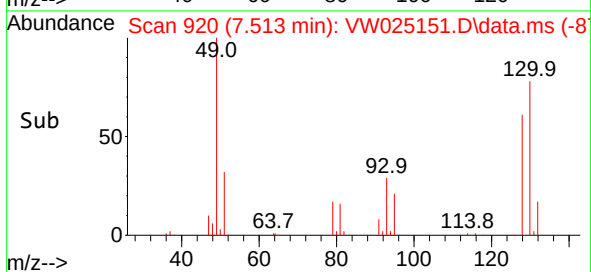
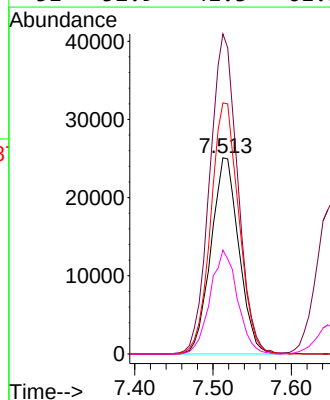
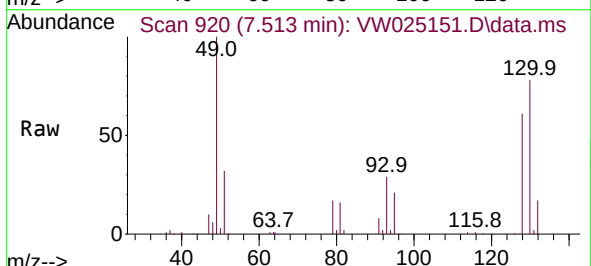
Instrument :
MSVOA_W
ClientSampleId :

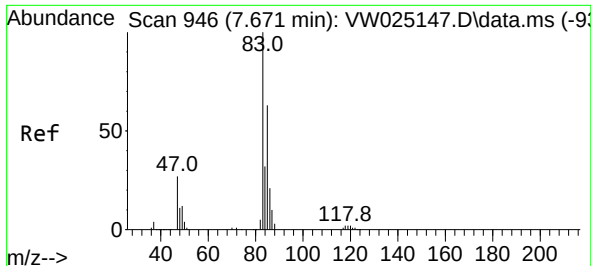
Tgt Ion: 43 Resp: 101794
Ion Ratio Lower Upper
43 100
72 29.2 15.0 45.0



#23
Bromochloromethane
Concen: 31.057 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

Tgt Ion: 128 Resp: 62067
Ion Ratio Lower Upper
128 100
49 163.2 114.1 211.9
130 128.0 89.0 165.2
51 52.9 41.3 61.9

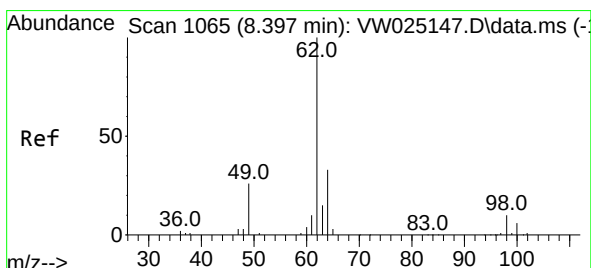
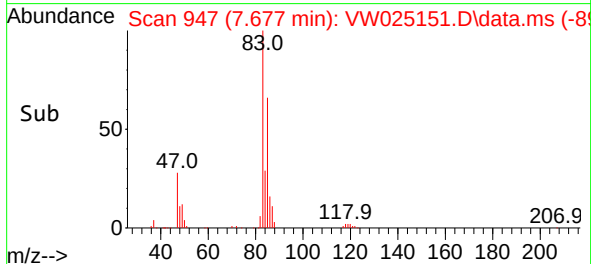
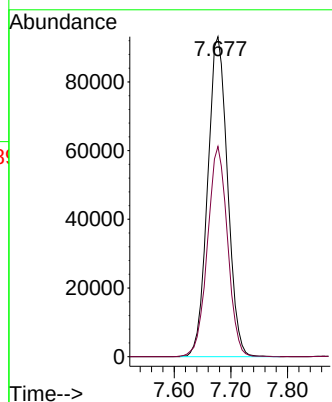
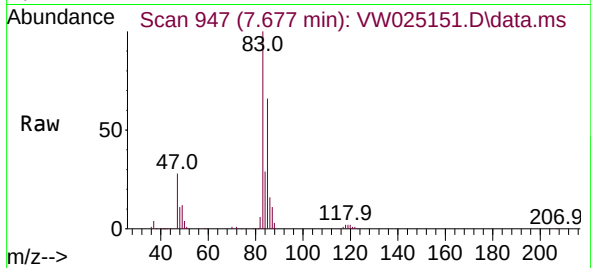




#25
Chloroform
Concen: 27.779 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

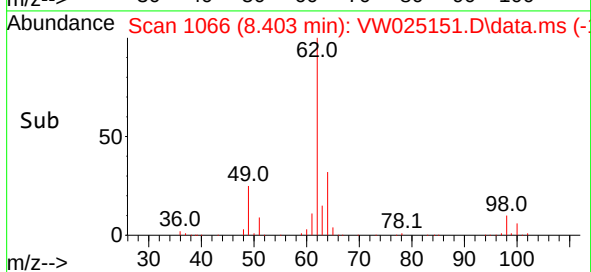
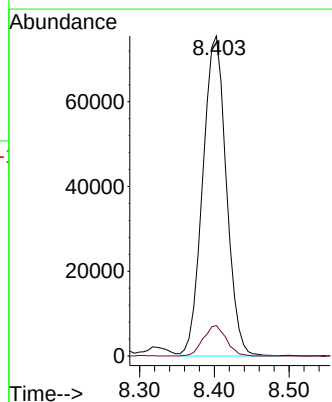
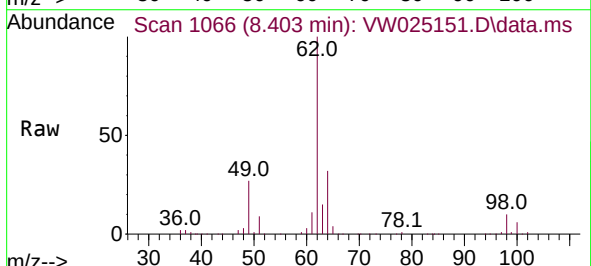
Instrument :
MSVOA_W
ClientSampleId :

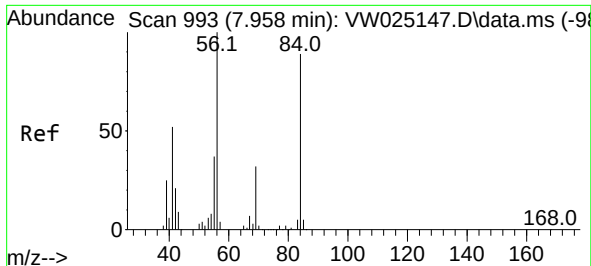
Tgt Ion: 83 Resp: 226867
Ion Ratio Lower Upper
83 100
85 65.7 45.4 84.2



#27
1,2-Dichloroethane
Concen: 32.186 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

Tgt Ion: 62 Resp: 165497
Ion Ratio Lower Upper
62 100
98 9.5 7.8 11.8





#29

Cyclohexane

Concen: 25.988 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

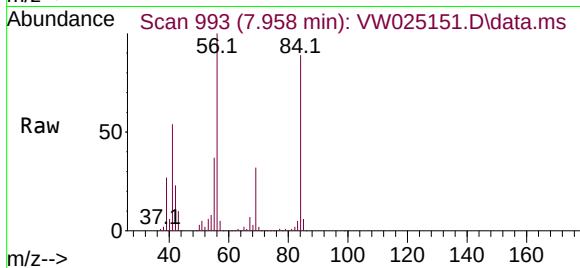
Lab File: VW025151.D

Acq: 22 Dec 2022 12:30

Instrument :

MSVOA_W

ClientSampleId :



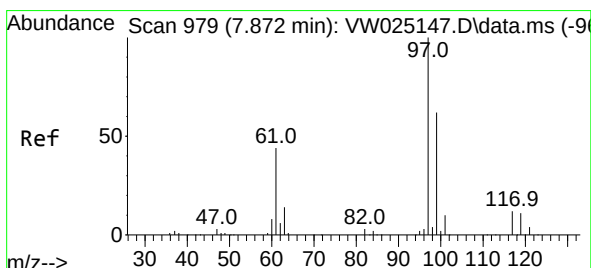
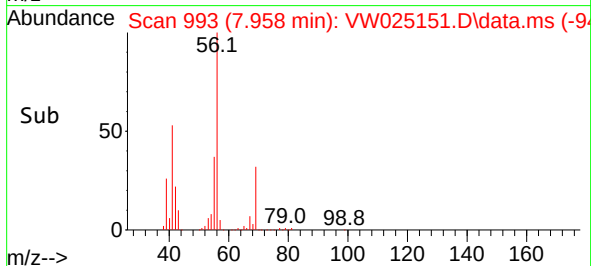
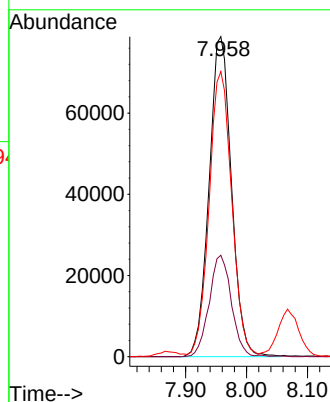
Tgt Ion: 56 Resp: 201238

Ion Ratio Lower Upper

56 100

69 31.3 25.0 37.6

84 90.0 70.9 106.3



#30

1,1,1-Trichloroethane

Concen: 26.420 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW025151.D

Acq: 22 Dec 2022 12:30

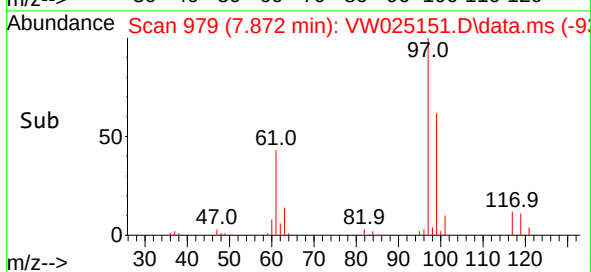
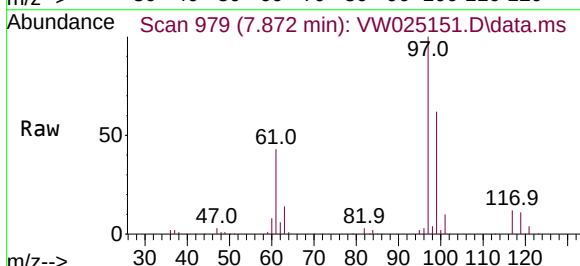
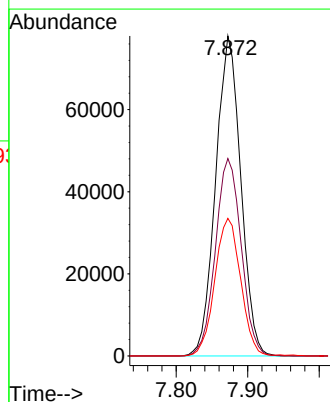
Tgt Ion: 97 Resp: 190717

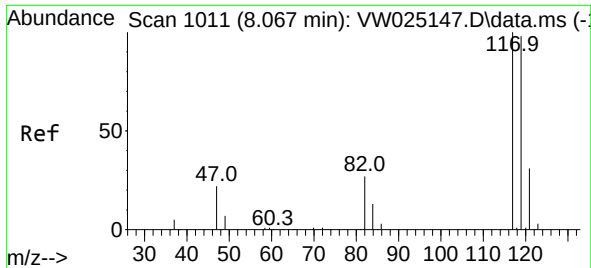
Ion Ratio Lower Upper

97 100

99 63.2 50.9 76.3

61 44.2 35.5 53.3

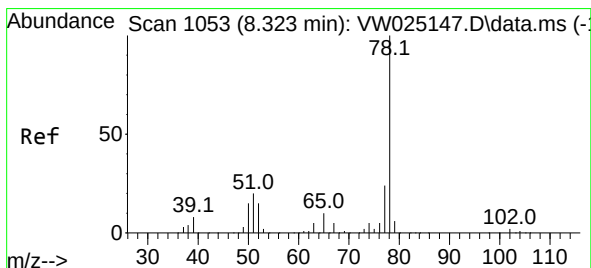
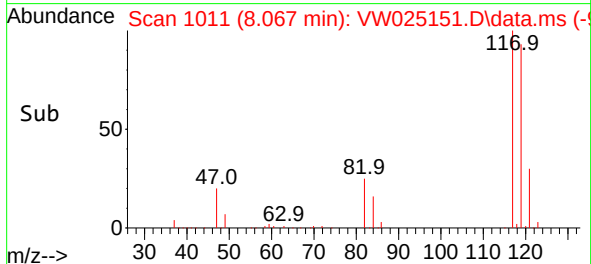
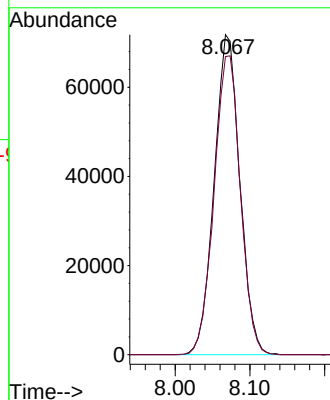
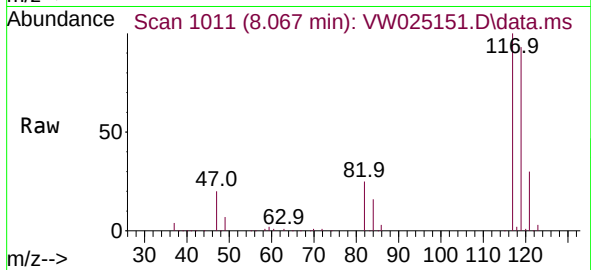




#31
Carbon tetrachloride
Concen: 25.818 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

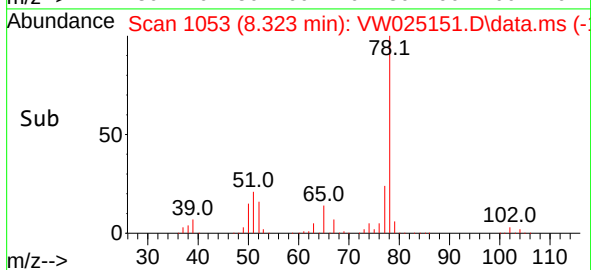
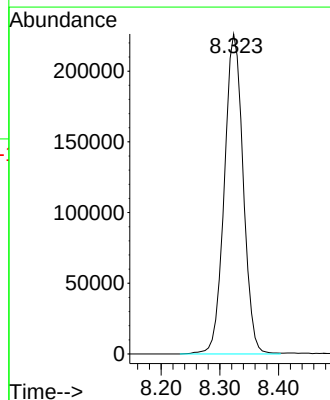
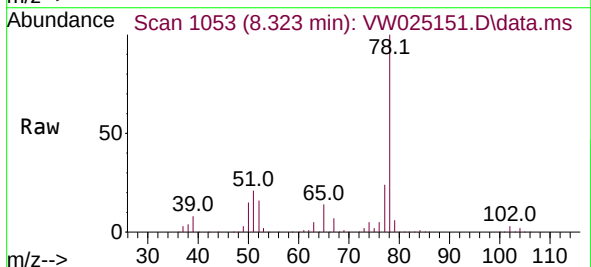
Instrument :
MSVOA_W
ClientSampleId :

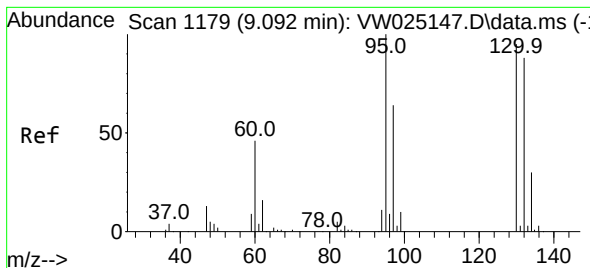
Tgt Ion:117 Resp: 171372
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.4



#33
Benzene
Concen: 26.619 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

Tgt Ion: 78 Resp: 504270





#34

Trichloroethene

Concen: 25.674 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW025151.D

Acq: 22 Dec 2022 12:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 127402

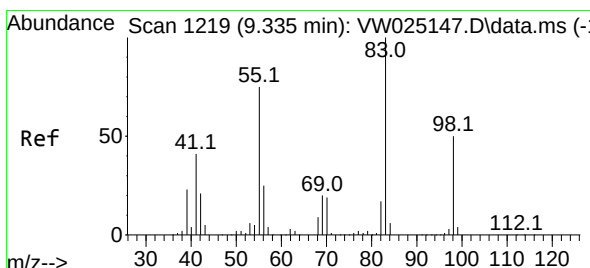
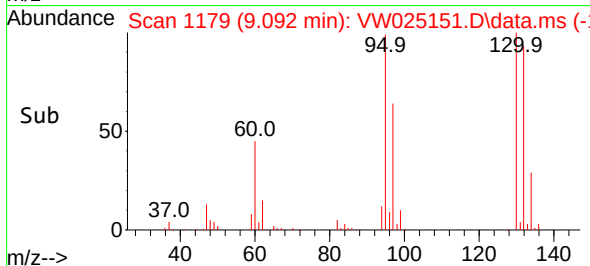
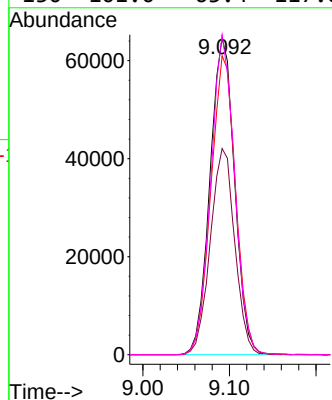
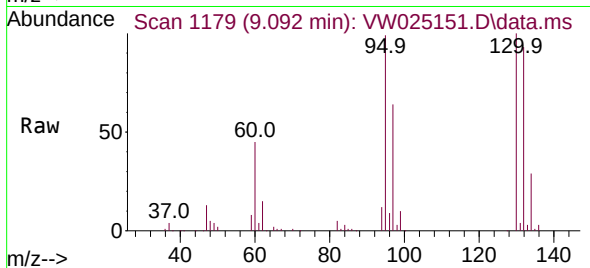
Ion Ratio Lower Upper

95 100

97 65.0 44.3 82.3

132 94.3 63.0 117.0

130 101.0 63.4 117.8



#35

Methylcyclohexane

Concen: 24.873 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW025151.D

Acq: 22 Dec 2022 12:30

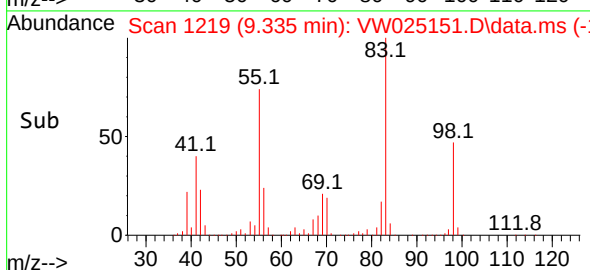
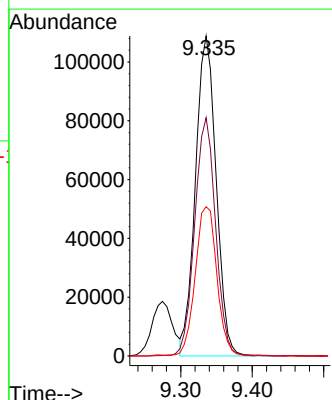
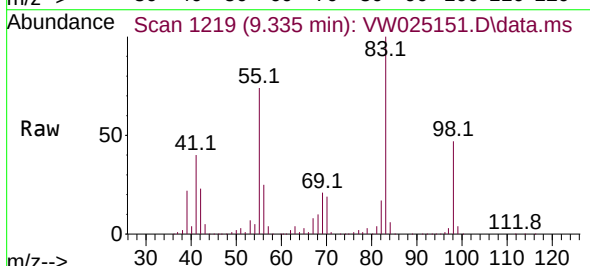
Tgt Ion: 83 Resp: 218925

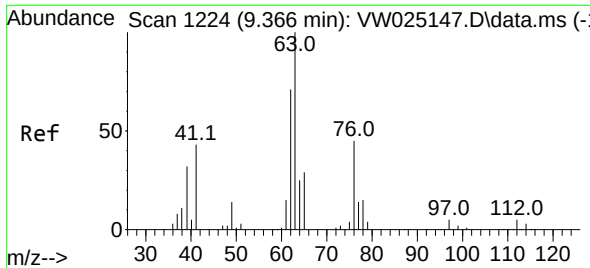
Ion Ratio Lower Upper

83 100

55 74.7 59.3 88.9

98 48.9 38.6 57.8

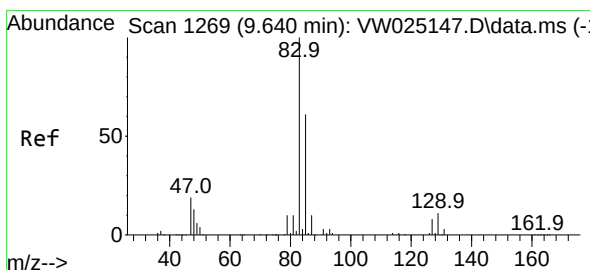
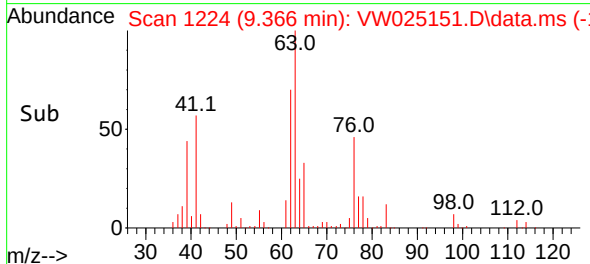
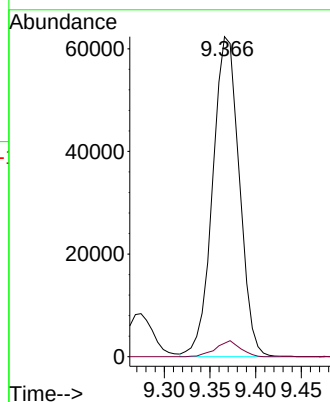
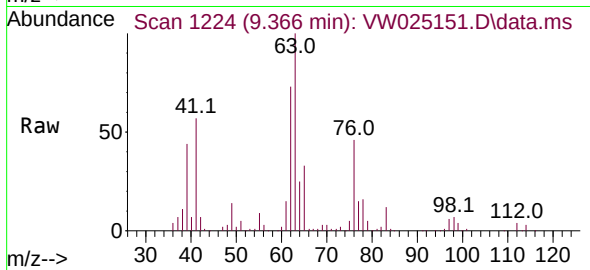




#37
1,2-Dichloropropane
Concen: 27.682 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

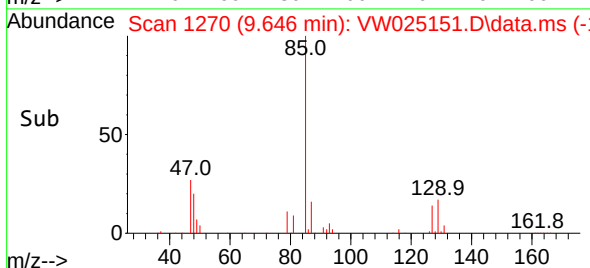
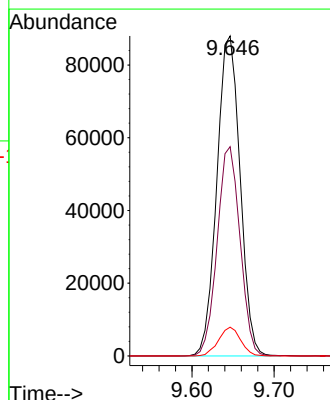
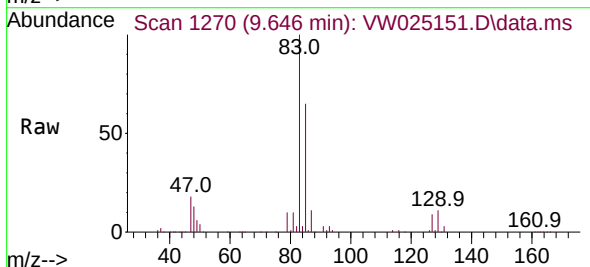
Instrument :
MSVOA_W
ClientSampleId :

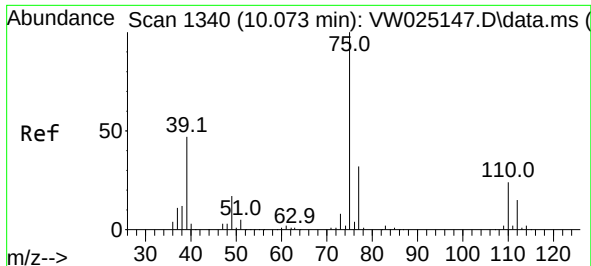
Tgt Ion: 63 Resp: 126483
Ion Ratio Lower Upper
63 100
112 4.6 3.4 5.2



#38
Bromodichloromethane
Concen: 28.634 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

Tgt Ion: 83 Resp: 172836
Ion Ratio Lower Upper
83 100
85 65.4 44.2 82.2
127 9.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 29.553 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025151.D

Acq: 22 Dec 2022 12:30

Instrument :

MSVOA_W

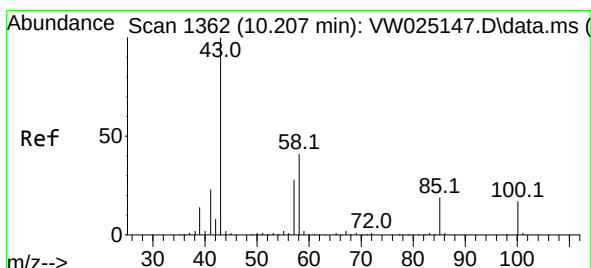
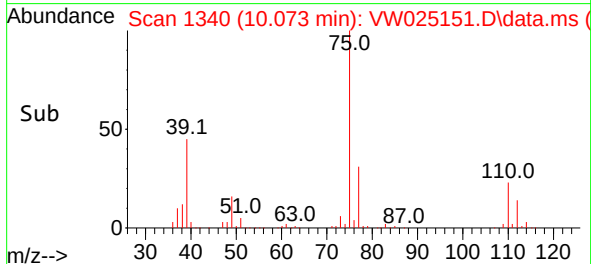
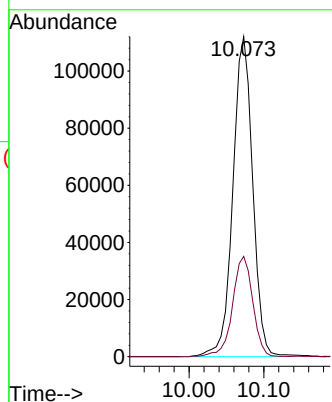
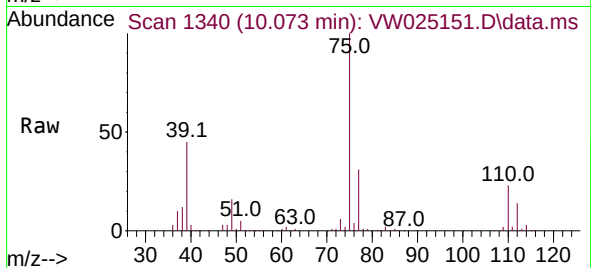
ClientSampleId :

Tgt Ion: 75 Resp: 206324

Ion Ratio Lower Upper

75 100

77 31.4 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 93.289 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025151.D

Acq: 22 Dec 2022 12:30

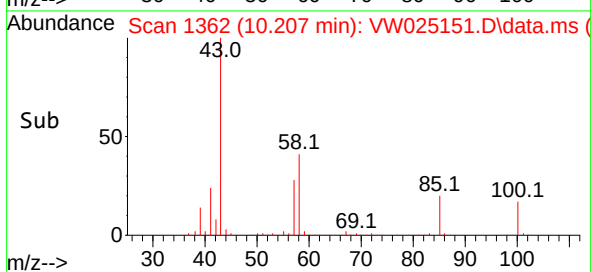
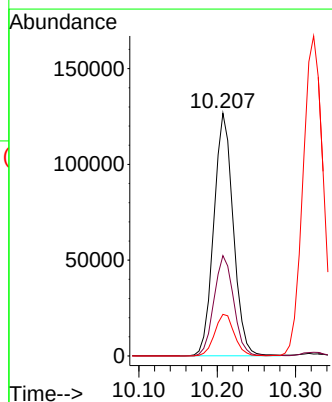
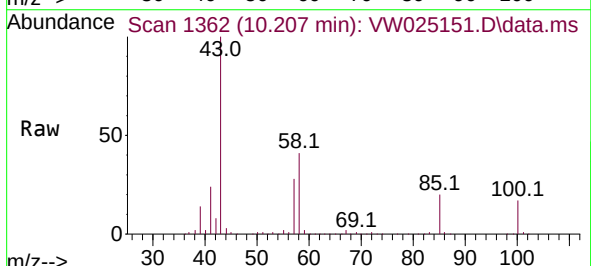
Tgt Ion: 43 Resp: 218505

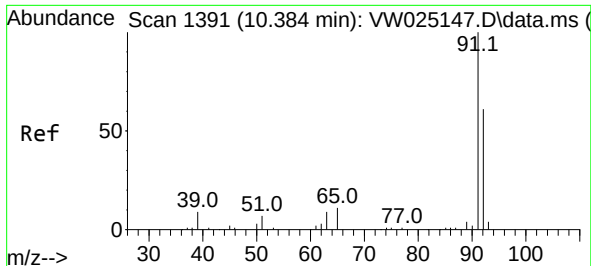
Ion Ratio Lower Upper

43 100

58 41.9 33.3 49.9

100 17.4 13.8 20.6

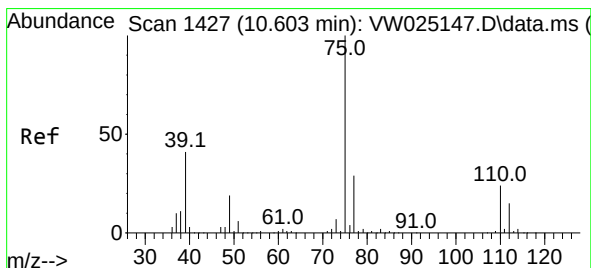
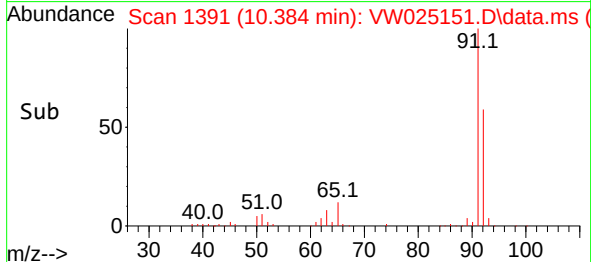
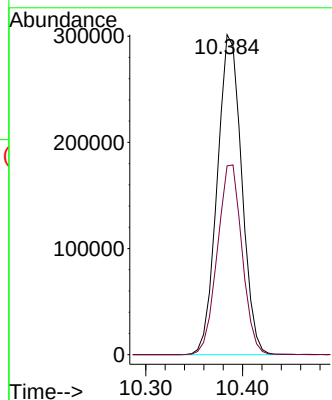
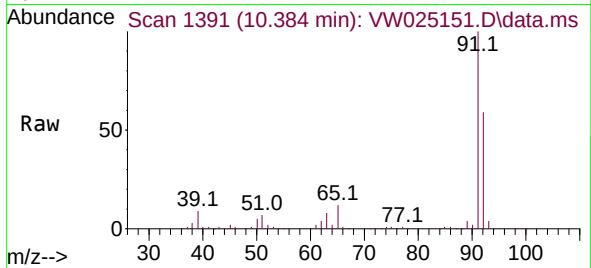




#42
Toluene
Concen: 26.642 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

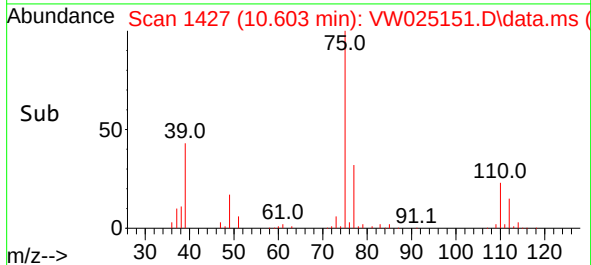
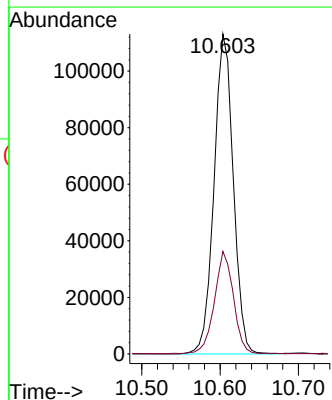
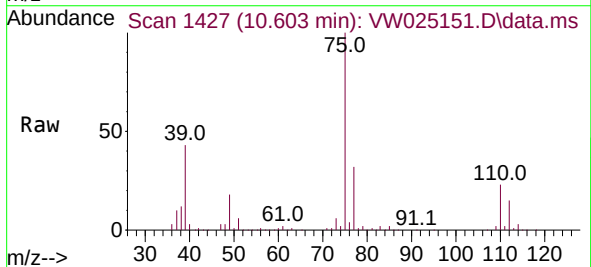
Instrument :
MSVOA_W
ClientSampleId :

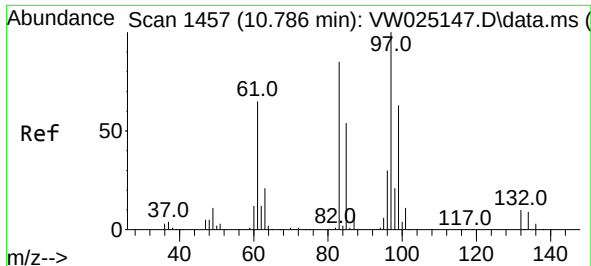
Tgt Ion: 91 Resp: 528794
Ion Ratio Lower Upper
91 100
92 59.0 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 32.362 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

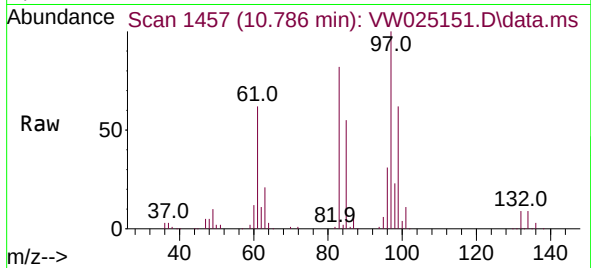
Tgt Ion: 75 Resp: 193488
Ion Ratio Lower Upper
75 100
77 32.1 22.5 41.7





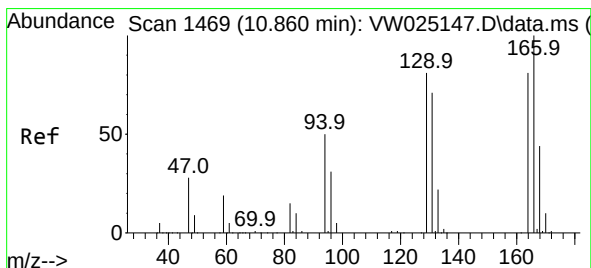
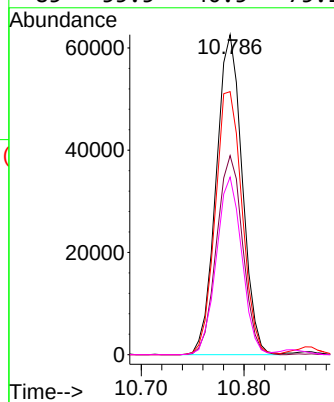
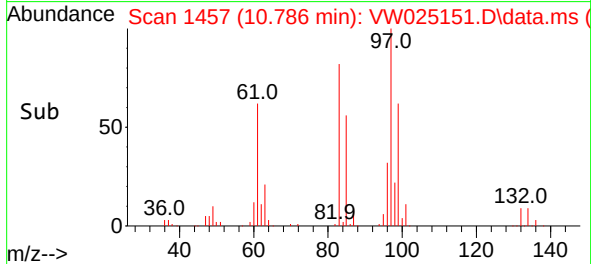
#45
1,1,2-Trichloroethane
Concen: 33.811 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

Instrument :
MSVOA_W
ClientSampleId :

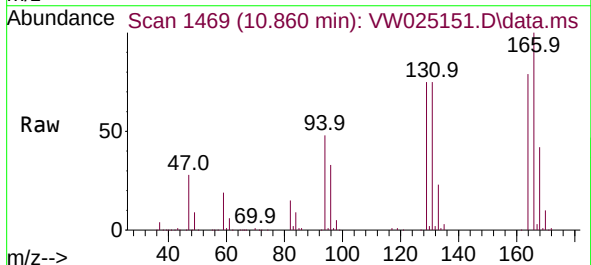


Tgt Ion: 97 Resp: 110246

Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.3	82.3
83	82.2	61.3	113.9
85	55.5	40.5	75.1

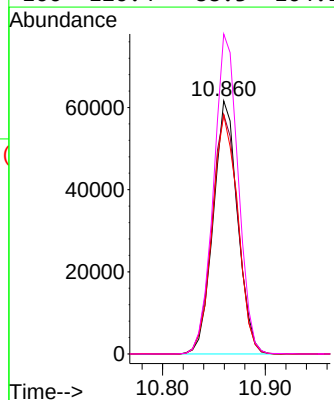
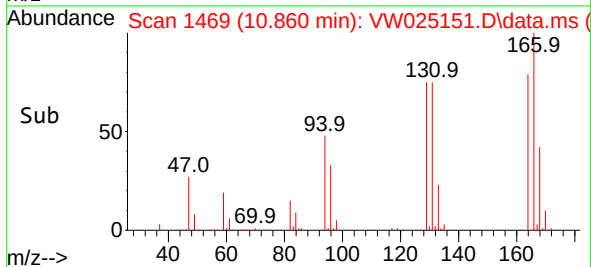


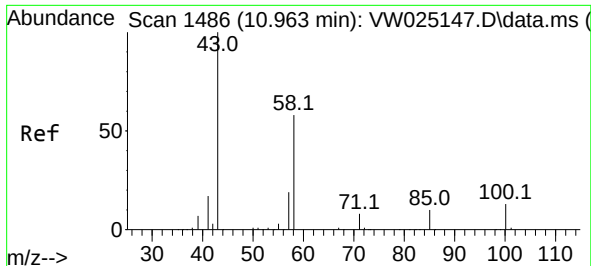
#46
Tetrachloroethene
Concen: 28.122 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30



Tgt Ion: 164 Resp: 101587

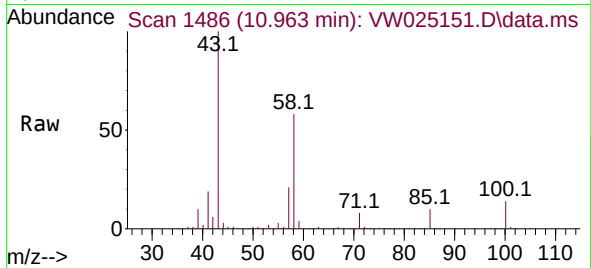
Ion	Ratio	Lower	Upper
164	100		
129	94.6	73.4	136.4
131	94.4	70.8	131.4
166	126.4	88.3	164.1



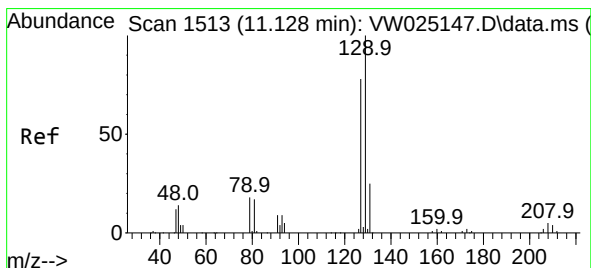
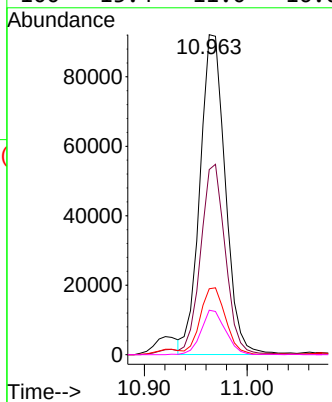
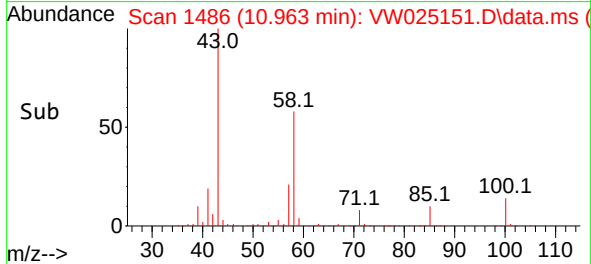


#48
2-Hexanone
Concen: 92.470 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

Instrument :
MSVOA_W
ClientSampleId :

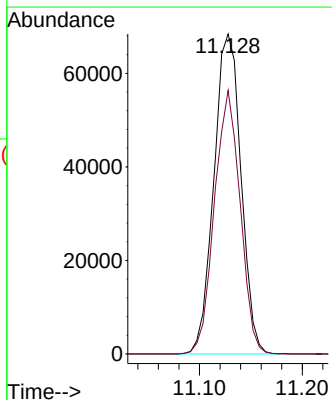
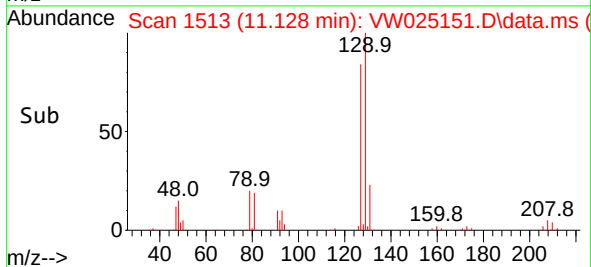
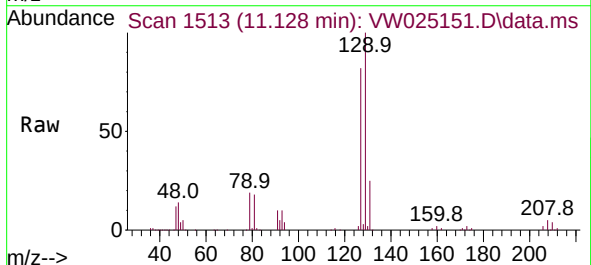


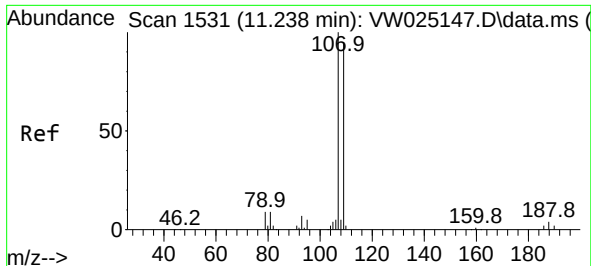
Tgt Ion: 43 Resp: 158200
Ion Ratio Lower Upper
43 100
58 58.2 46.6 69.8
57 20.8 16.7 25.1
100 13.4 11.0 16.6



#49
Dibromochloromethane
Concen: 31.993 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

Tgt Ion:129 Resp: 125285
Ion Ratio Lower Upper
129 100
127 82.3 49.7 92.3





#50

1,2-Dibromoethane

Concen: 35.377 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025151.D

Acq: 22 Dec 2022 12:30

Instrument :

MSVOA_W

ClientSampleId :

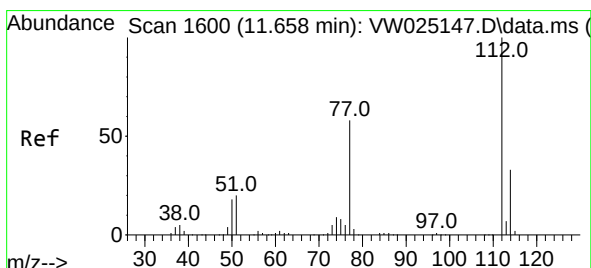
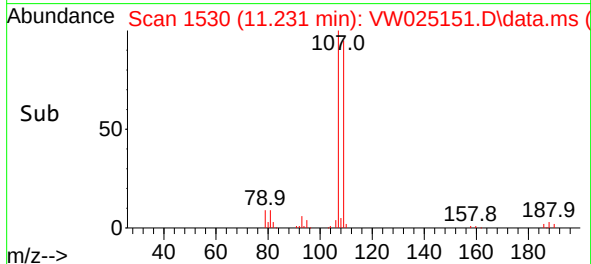
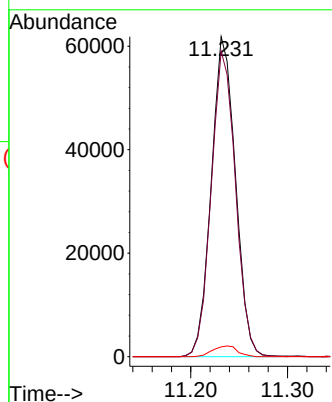
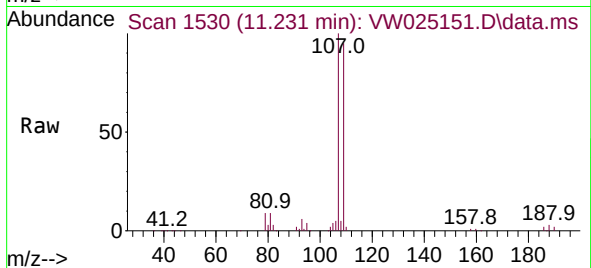
Tgt Ion:107 Resp: 107397

Ion Ratio Lower Upper

107 100

109 95.5 66.8 124.2

188 3.0 2.9 4.3



#51

Chlorobenzene

Concen: 26.683 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW025151.D

Acq: 22 Dec 2022 12:30

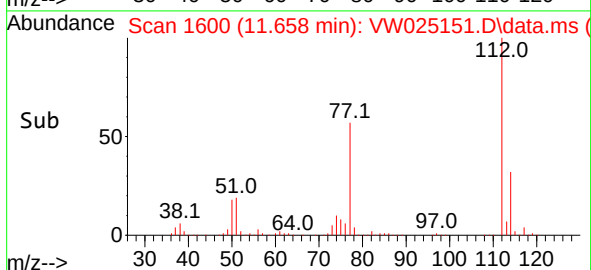
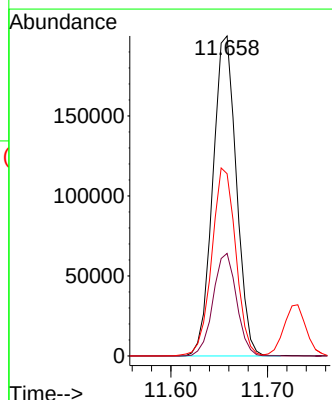
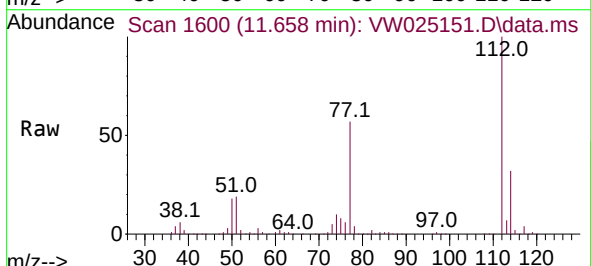
Tgt Ion:112 Resp: 338938

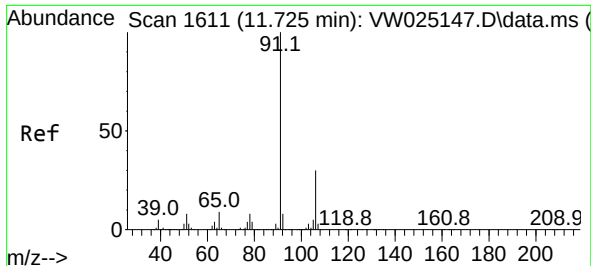
Ion Ratio Lower Upper

112 100

114 32.1 23.2 43.2

77 56.9 47.2 70.8

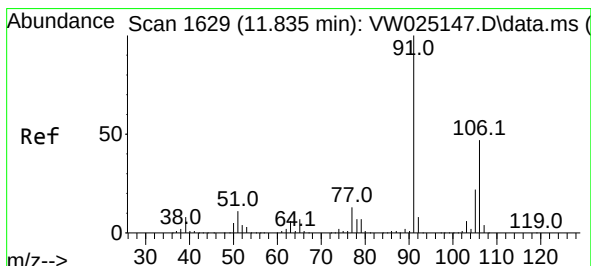
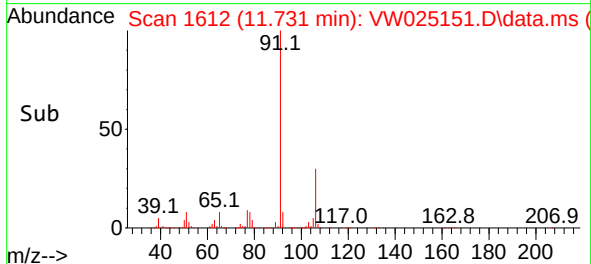
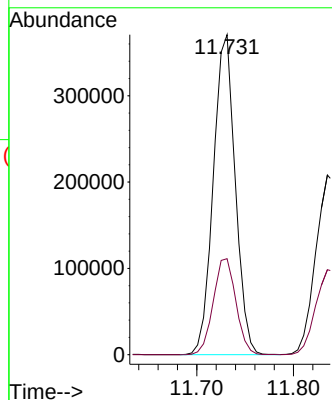
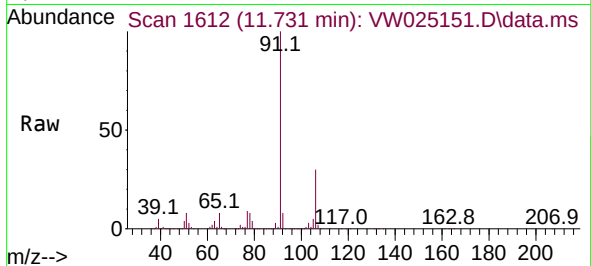




#52
Ethylbenzene
Concen: 25.963 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

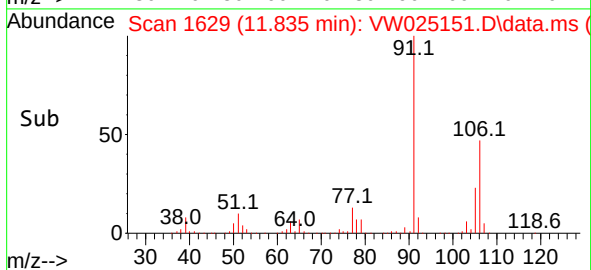
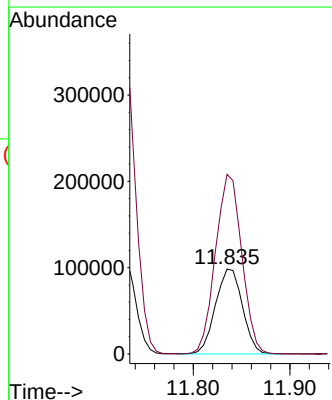
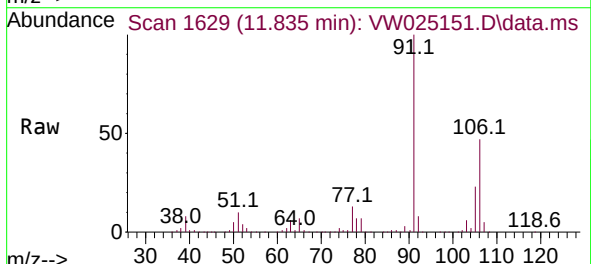
Instrument :
MSVOA_W
ClientSampleId :

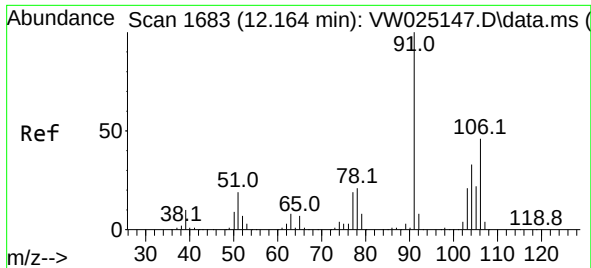
Tgt Ion: 91 Resp: 583985
Ion Ratio Lower Upper
91 100
106 30.0 21.9 40.7



#53
m,p-Xylene
Concen: 22.132 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

Tgt Ion: 106 Resp: 190113
Ion Ratio Lower Upper
106 100
91 211.6 139.7 259.4

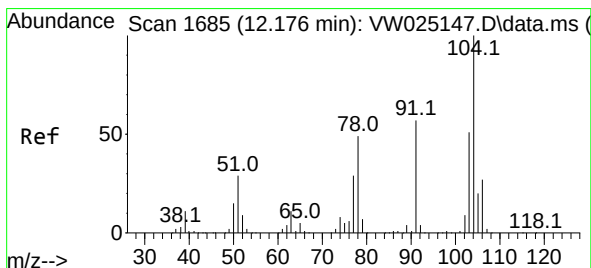
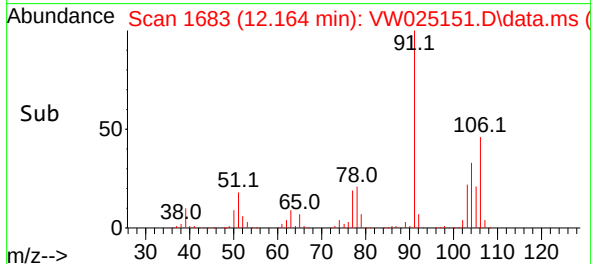
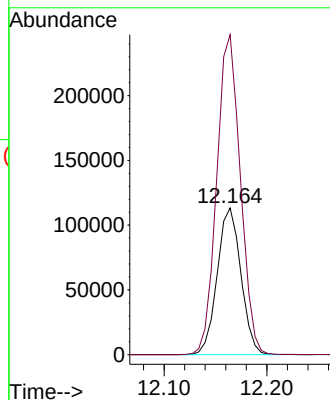
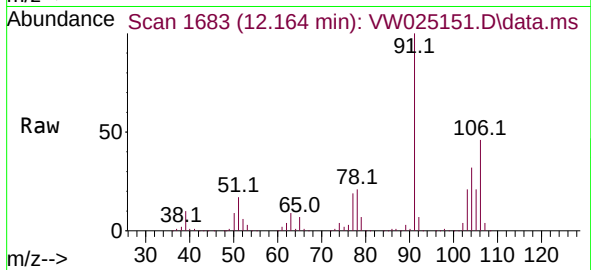




#54
o-Xylene
Concen: 22.109 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

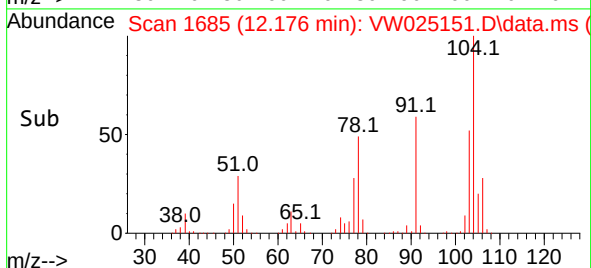
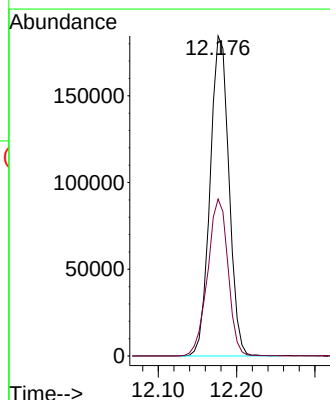
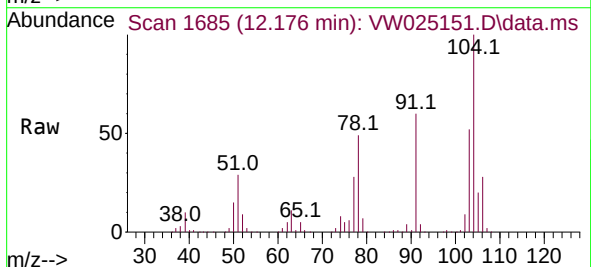
Instrument :
MSVOA_W
ClientSampleId :

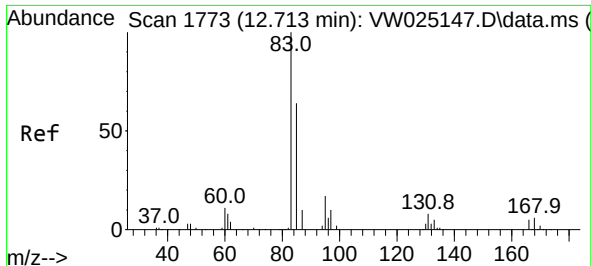
Tgt Ion:106 Resp: 180997
Ion Ratio Lower Upper
106 100
91 218.1 148.8 276.4



#55
Styrene
Concen: 22.254 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

Tgt Ion:104 Resp: 308535
Ion Ratio Lower Upper
104 100
78 49.1 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 32.635 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025151.D

Acq: 22 Dec 2022 12:30

Instrument :

MSVOA_W

ClientSampleId :

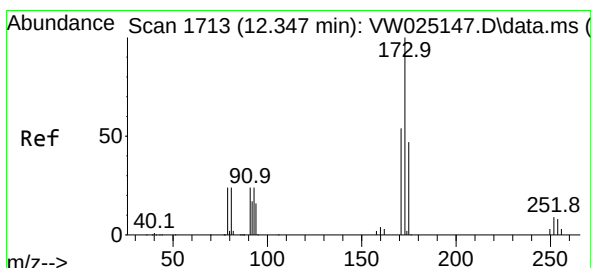
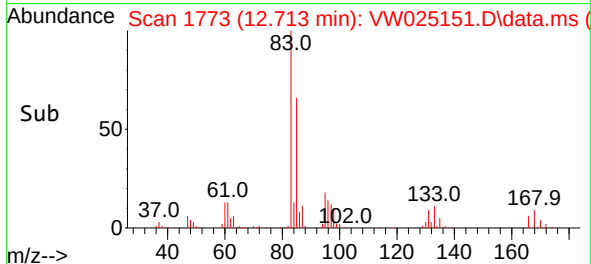
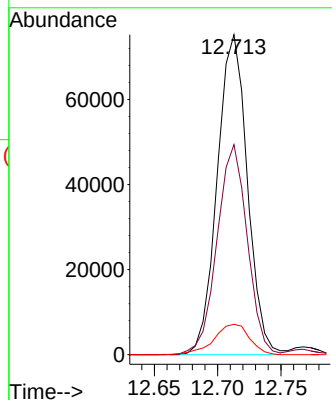
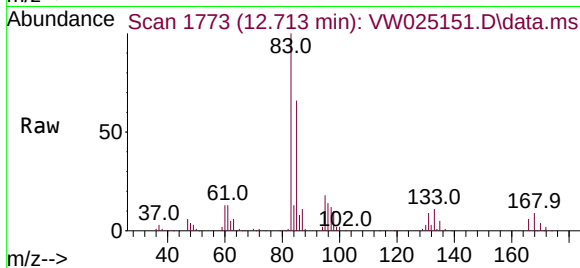
Tgt Ion: 83 Resp: 124446

Ion Ratio Lower Upper

83 100

85 65.6 46.8 87.0

131 9.5 8.2 12.2



#59

Bromoform

Concen: 31.908 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW025151.D

Acq: 22 Dec 2022 12:30

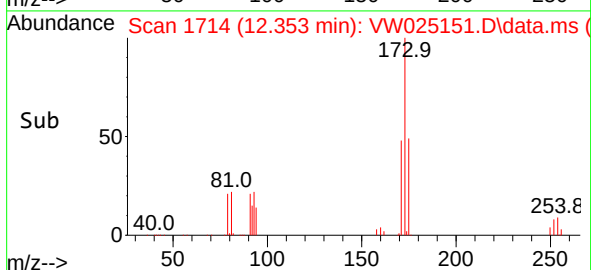
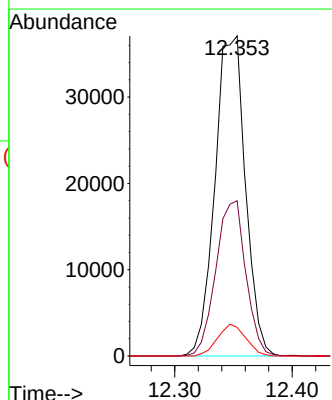
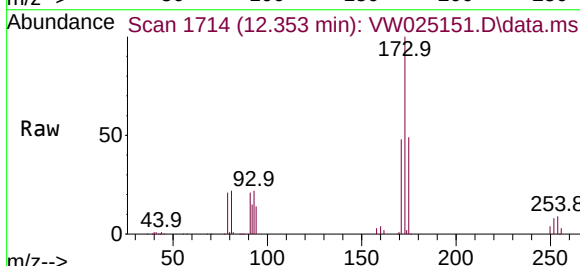
Tgt Ion:173 Resp: 66823

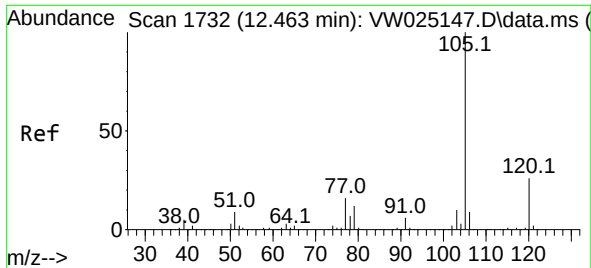
Ion Ratio Lower Upper

173 100

175 47.7 37.4 56.0

254 9.2 6.8 10.2

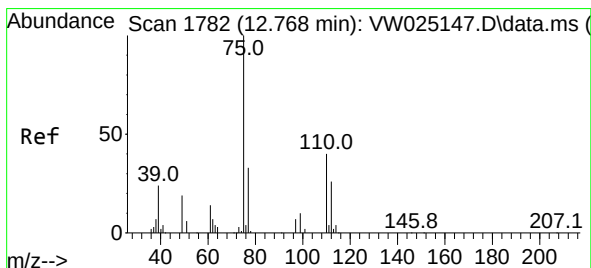
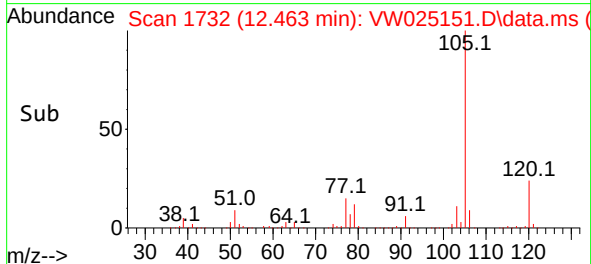
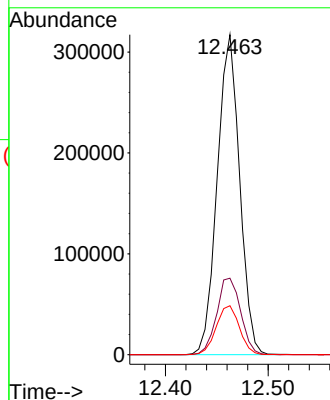
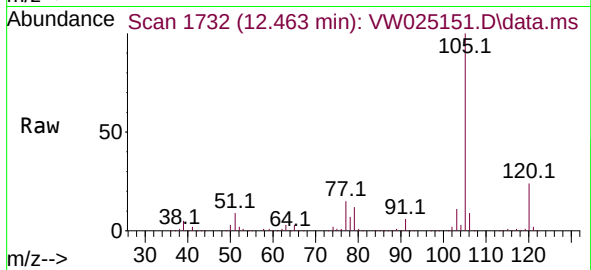




#60
Isopropylbenzene
Concen: 20.528 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

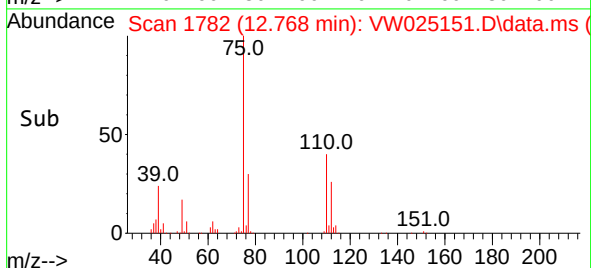
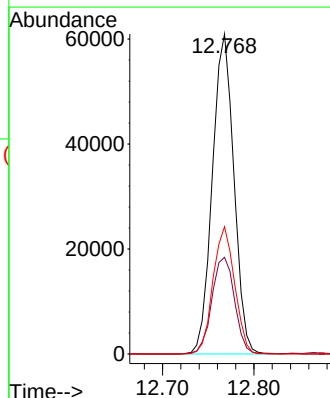
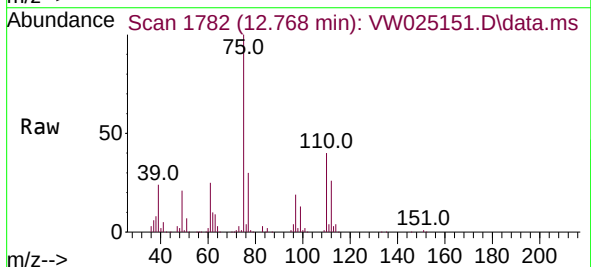
Instrument :
MSVOA_W
ClientSampleId :

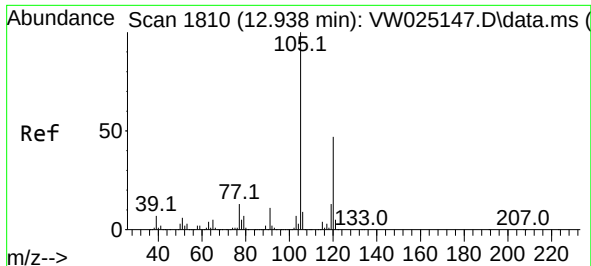
Tgt Ion:105 Resp: 479864
Ion Ratio Lower Upper
105 100
120 25.5 20.6 31.0
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 34.088 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

Tgt Ion: 75 Resp: 99922
Ion Ratio Lower Upper
75 100
77 31.9 26.6 40.0
110 39.8 31.7 47.5

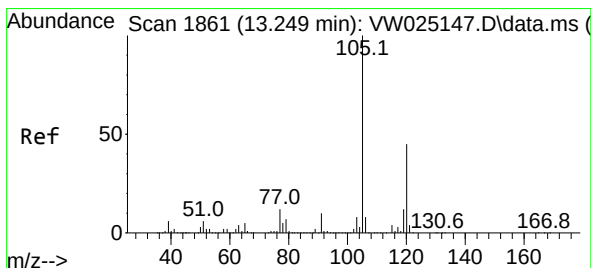
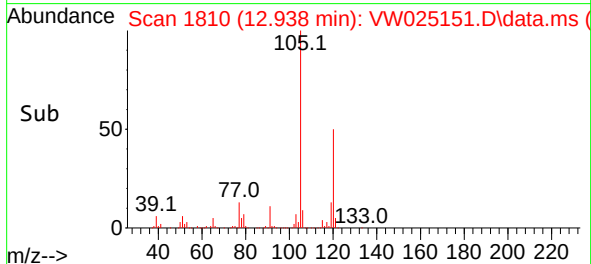
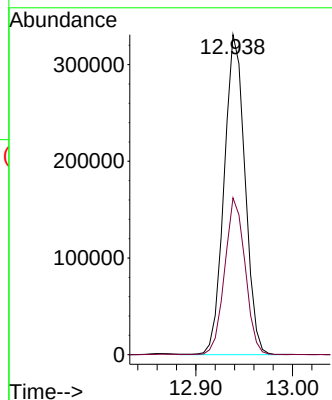
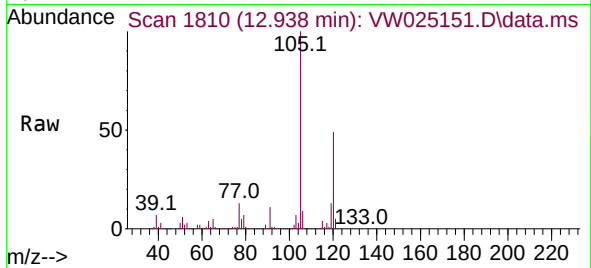




#62
1,3,5-Trimethylbenzene
Concen: 24.759 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

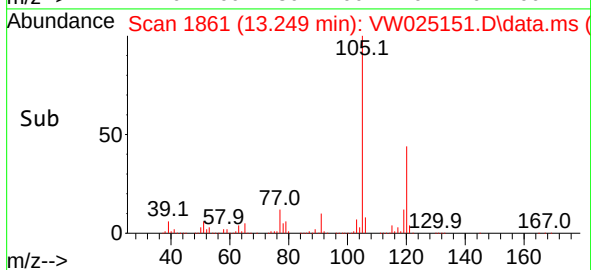
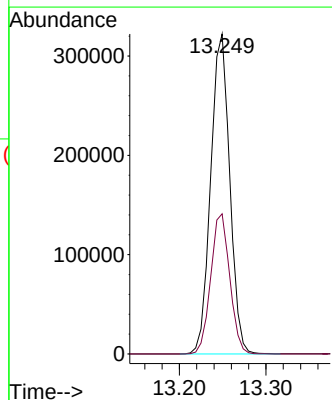
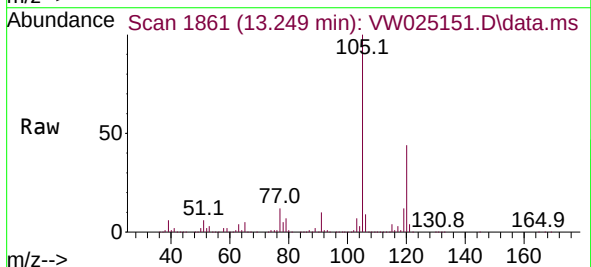
Instrument :
MSVOA_W
ClientSampleId :

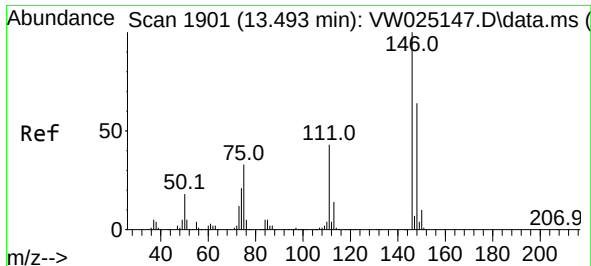
Tgt Ion:105 Resp: 495770
Ion Ratio Lower Upper
105 100
120 48.0 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 25.286 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

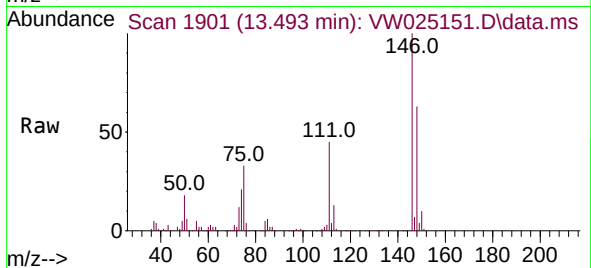
Tgt Ion:105 Resp: 491887
Ion Ratio Lower Upper
105 100
120 43.8 36.1 54.1



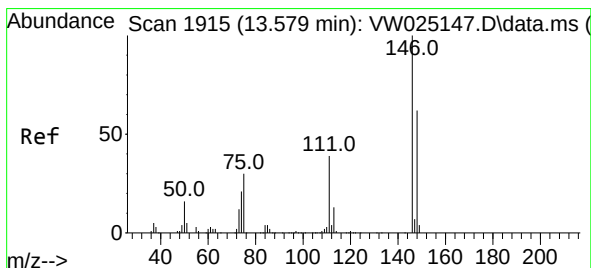
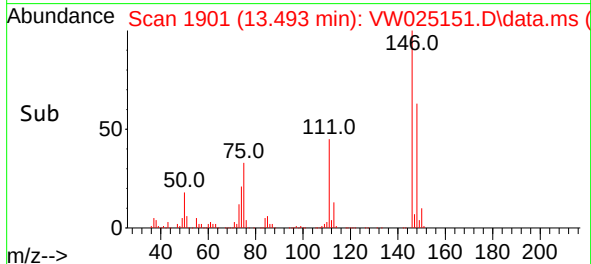
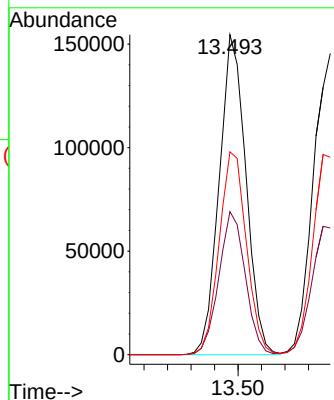


#64
1,3-Dichlorobenzene
Concen: 25.519 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

Instrument :
MSVOA_W
ClientSampleId :

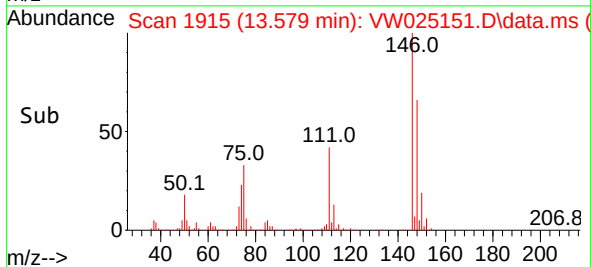
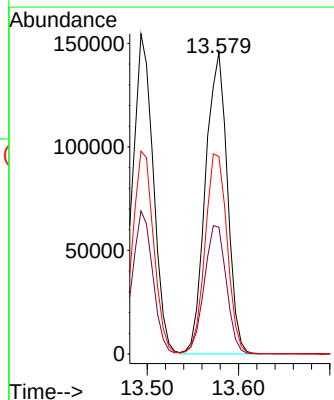
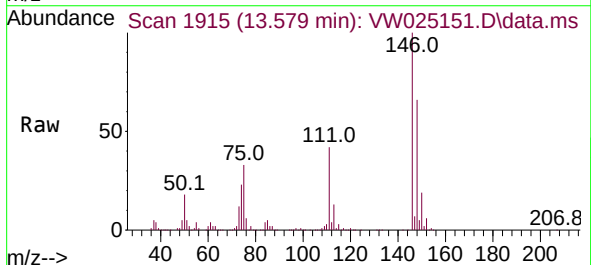


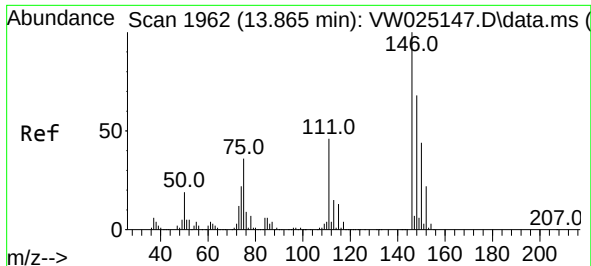
Tgt Ion:146 Resp: 244218
Ion Ratio Lower Upper
146 100
111 44.7 30.2 56.0
148 63.4 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 25.061 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW025151.D
Acq: 22 Dec 2022 12:30

Tgt Ion:146 Resp: 241528
Ion Ratio Lower Upper
146 100
111 42.1 27.4 51.0
148 65.5 41.6 77.3





#67

1,2-Dichlorobenzene

Concen: 27.260 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025151.D

Acq: 22 Dec 2022 12:30

Instrument :

MSVOA_W

ClientSampleId :

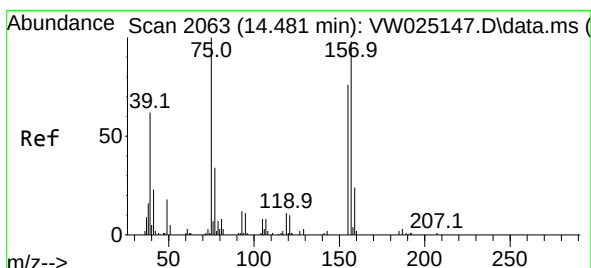
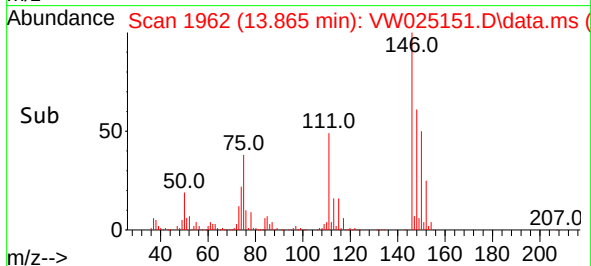
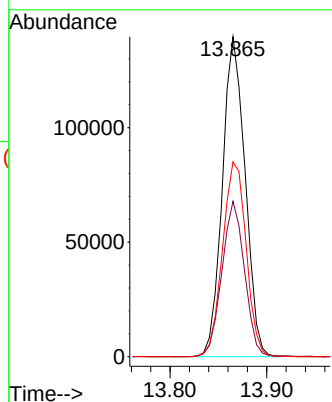
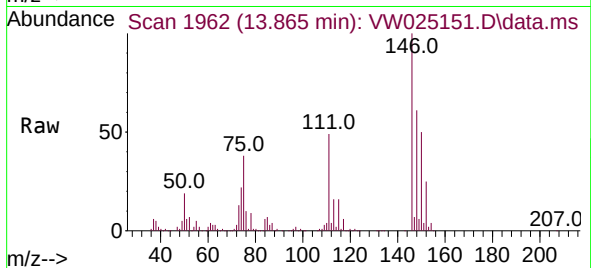
Tgt Ion:146 Resp: 227510

Ion Ratio Lower Upper

146 100

111 48.5 34.3 51.5

148 60.9 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 42.954 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025151.D

Acq: 22 Dec 2022 12:30

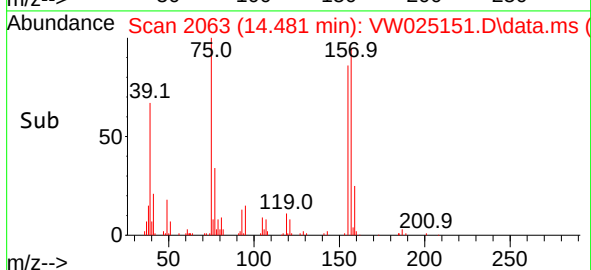
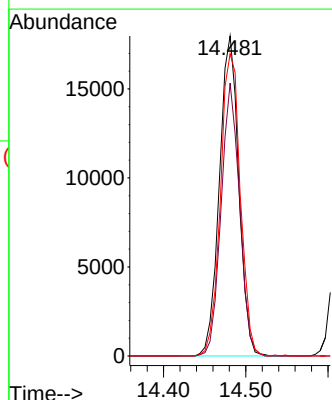
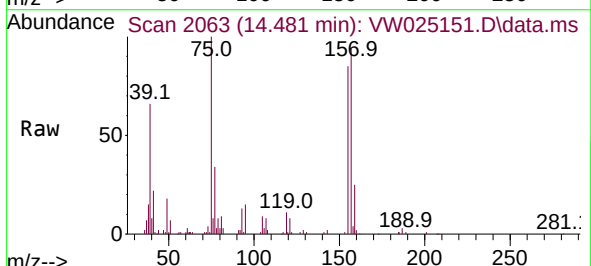
Tgt Ion: 75 Resp: 29357

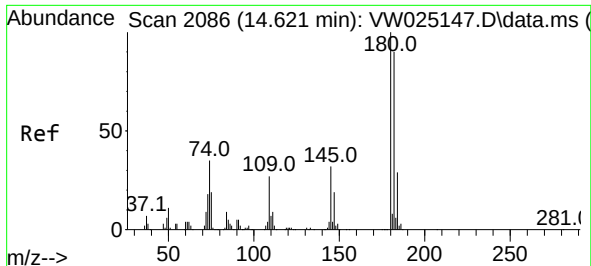
Ion Ratio Lower Upper

75 100

155 85.3 60.3 90.5

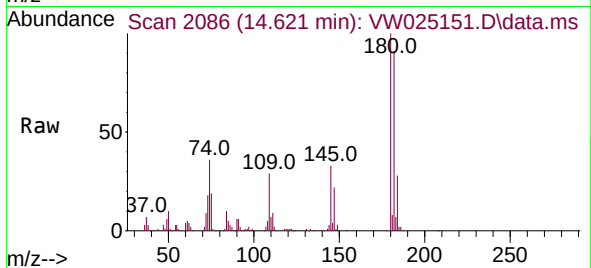
157 94.4 84.9 127.3



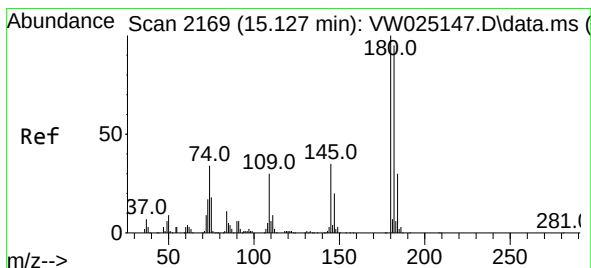
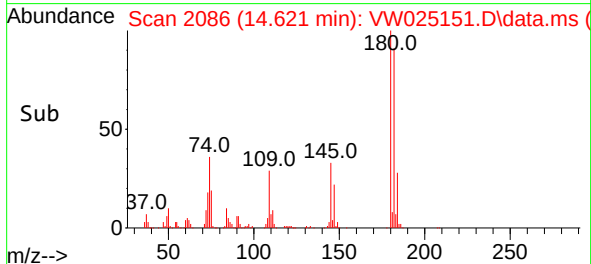
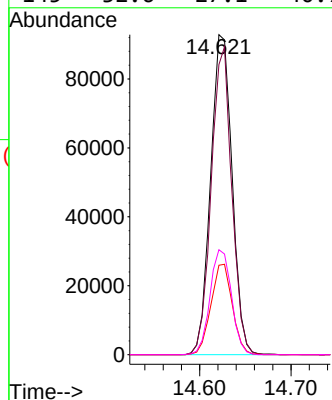


#69
 1,3,5-Trichlorobenzene
 Concen: 22.280 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.000 min
 Lab File: VW025151.D
 Acq: 22 Dec 2022 12:30

Instrument :
 MSVOA_W
 ClientSampleId :

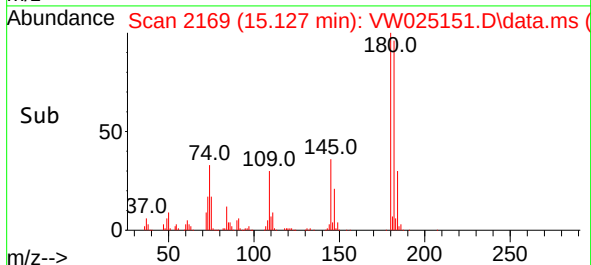
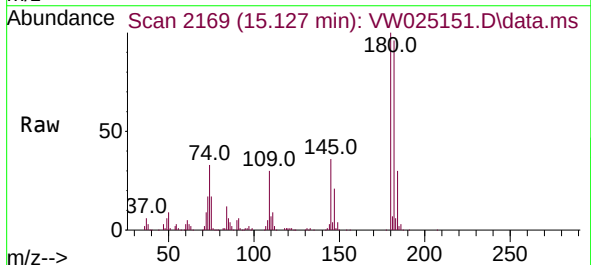
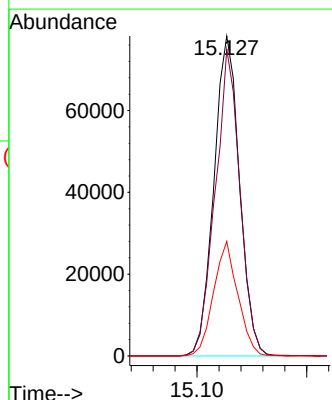


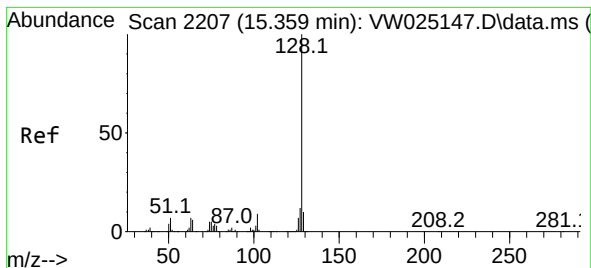
Tgt Ion:180 Resp: 151400
 Ion Ratio Lower Upper
 180 100
 182 91.9 77.8 116.6
 184 28.2 24.3 36.5
 145 32.6 27.1 40.7



#70
 1,2,4-trichlorobenzene
 Concen: 23.243 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW025151.D
 Acq: 22 Dec 2022 12:30

Tgt Ion:180 Resp: 126726
 Ion Ratio Lower Upper
 180 100
 182 92.6 77.2 115.8
 145 34.1 26.9 40.3





#71

Naphthalene

Concen: 32.856 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW025151.D

Acq: 22 Dec 2022 12:30

Instrument :

MSVOA_W

ClientSampleId :

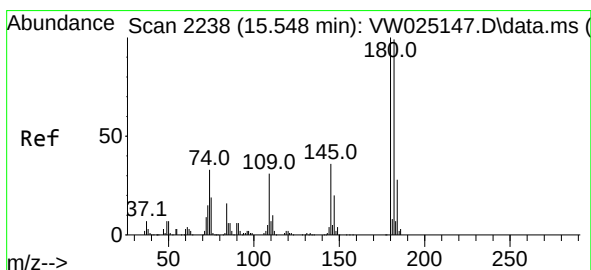
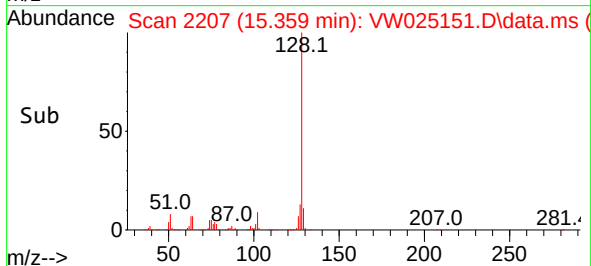
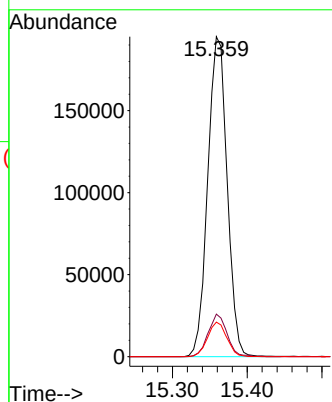
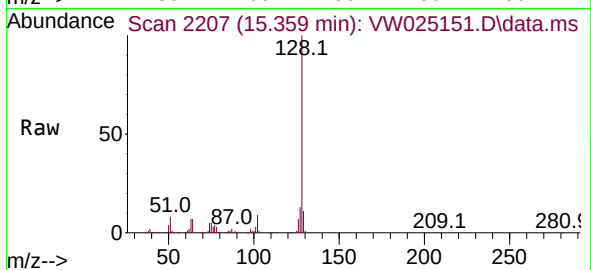
Tgt Ion:128 Resp: 351182

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 24.376 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW025151.D

Acq: 22 Dec 2022 12:30

Tgt Ion:180 Resp: 116474

Ion Ratio Lower Upper

180 100

182 91.5 76.4 114.6

145 35.8 29.6 44.4

