

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050222\
 Data File : VW022732.D
 Acq On : 02 May 2022 11:10
 Operator : SY/VA
 Sample : VSTD05004
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 03 00:00:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 02 23:58:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	346122	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	342011	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	198344	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	337202	47.485	ug/L	0.00
7) Chloroethane-d5	2.885	69	241065	52.180	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	452492	49.357	ug/L	0.00
21) 2-Butanone-d5	7.074	46	135039	100.851	ug/L	0.00
24) Chloroform-d	7.647	84	527020	51.971	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	284726	51.194	ug/L	0.00
32) Benzene-d6	8.275	84	1028476	52.172	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	287779	51.969	ug/L	0.00
41) Toluene-d8	10.323	98	1013243	53.208	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	139205	54.597	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	116635	110.335	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	275432	53.364	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	370119	53.382	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	105064	56.249	ug/L	95
3) Chloromethane	2.221	50	156459	42.912	ug/L	100
5) Vinyl chloride	2.361	62	339031	46.333	ug/L	99
6) Bromomethane	2.776	94	208591	44.399	ug/L	94
8) Chloroethane	2.922	64	175230	49.650	ug/L	97
9) Trichlorofluoromethane	3.257	101	162228	48.507	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	237560	47.714	ug/L	97
12) 1,1-Dichloroethene	4.044	96	212737	47.989	ug/L	95
13) Acetone	4.123	43	78808	86.161	ug/L	98
14) Carbon disulfide	4.385	76	582192	47.903	ug/L	99
15) Methyl Acetate	4.672	43	96879	46.100	ug/L	99
16) Methylene chloride	4.922	84	227525	44.924	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	237482	47.604	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	383098	50.418	ug/L	100
19) 1,1-Dichloroethane	6.214	63	411668	48.689	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	265670	49.581	ug/L #	99
22) 2-Butanone	7.171	43	128339	90.923	ug/L	100
23) Bromochloromethane	7.519	128	121760	48.521	ug/L	94
25) Chloroform	7.677	83	460937	49.302	ug/L	98
27) 1,2-Dichloroethane	8.397	62	302331	48.512	ug/L	100
29) Cyclohexane	7.952	56	367286	49.656	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	396186	49.019	ug/L	99
31) Carbon tetrachloride	8.074	117	375650	49.686	ug/L	99
33) Benzene	8.323	78	976825	48.482	ug/L	100
34) Trichloroethene	9.092	95	267397	48.258	ug/L	96
35) Methylcyclohexane	9.335	83	448795	49.304	ug/L	99
37) 1,2-Dichloropropane	9.366	63	237486	48.708	ug/L	100
38) Bromodichloromethane	9.646	83	351568	50.765	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	397727	52.608	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	301630	98.149	ug/L	99
42) Toluene	10.384	91	1130099	50.049	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	361953	53.639	ug/L	100

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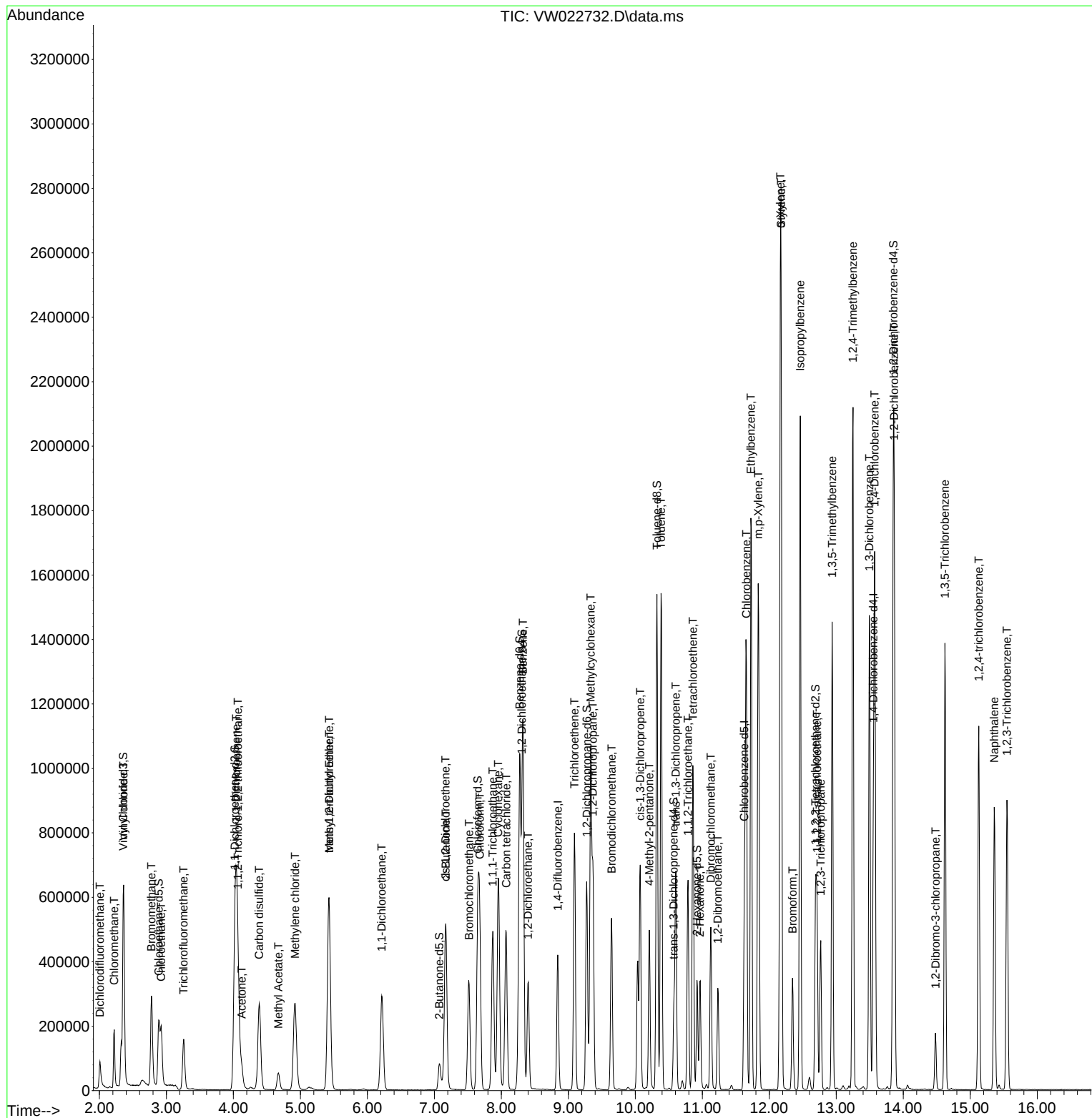
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	198457	48.690	ug/L	99
46) Tetrachloroethene	10.860	164	210644	50.586	ug/L	94
48) 2-Hexanone	10.963	43	210485	102.508	ug/L	98
49) Dibromochloromethane	11.128	129	255715	52.127	ug/L	97
50) 1,2-Dibromoethane	11.231	107	202419	49.458	ug/L	98
51) Chlorobenzene	11.658	112	740991	49.778	ug/L	99
52) Ethylbenzene	11.725	91	1271525	50.617	ug/L	98
53) m,p-Xylene	11.835	106	511908	51.718	ug/L	98
54) o-Xylene	12.164	106	494773	52.091	ug/L	95
55) Styrene	12.176	104	850979	52.725	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	252212	49.541	ug/L	97
59) Bromoform	12.347	173	149352	53.133	ug/L	99
60) Isopropylbenzene	12.463	105	1335709	49.157	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	180664	45.586	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	759798	50.261	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	1144296	50.413	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	606627	50.004	ug/L	92
65) 1,4-Dichlorobenzene	13.573	146	605089	48.288	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	555343	50.025	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	39426	45.520	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	394495	48.988	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	339868	52.467	ug/L	100
71) Naphthalene	15.359	128	763095	54.200	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	295388	51.450	ug/L	100

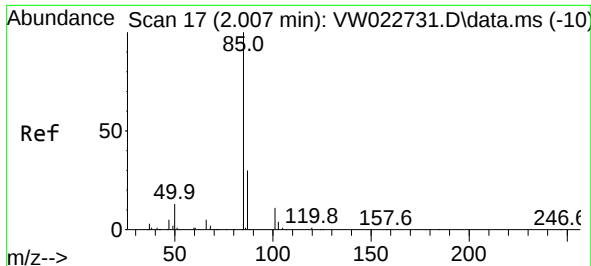
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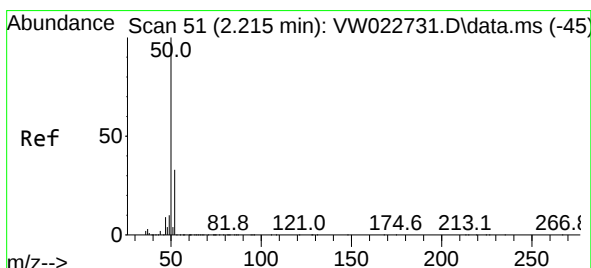
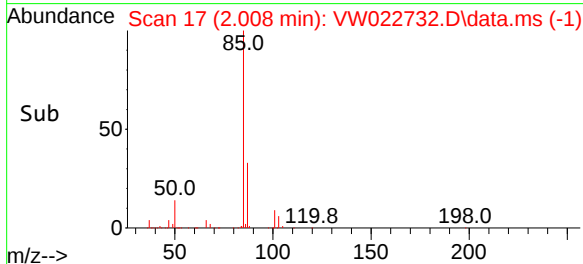
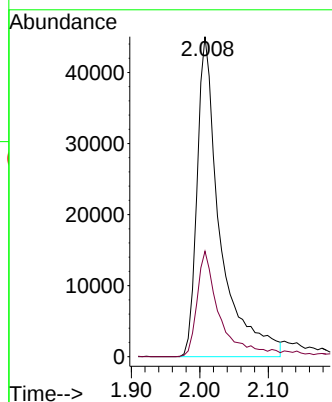
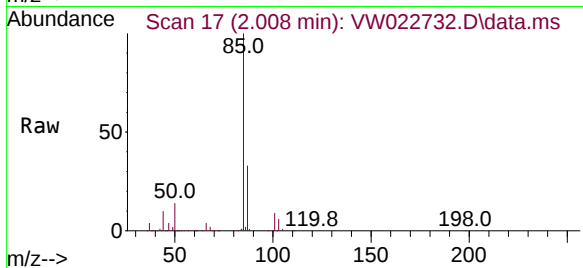




#2
Dichlorodifluoromethane
Concen: 56.249 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

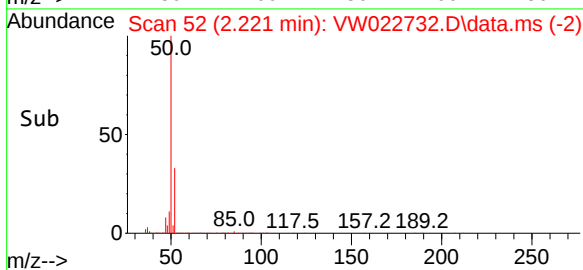
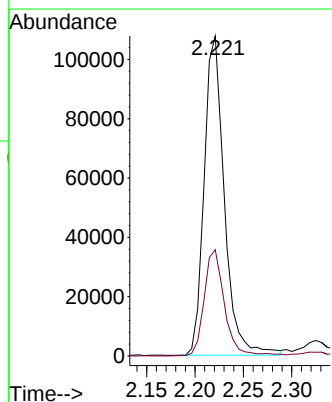
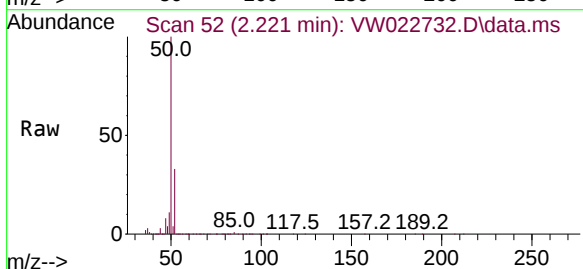
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MSVOA_W
ClientSampleId :

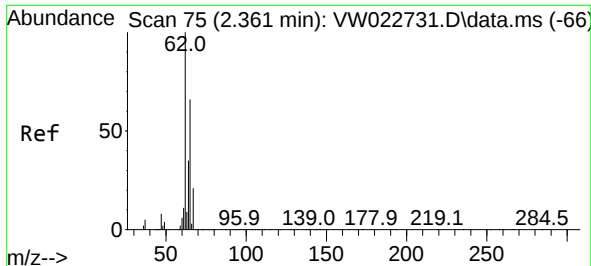
Tgt Ion: 85 Resp: 105064
Ion Ratio Lower Upper
85 100
87 31.7 27.8 41.8



#3
Chloromethane
Concen: 42.912 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

Tgt Ion: 50 Resp: 156459
Ion Ratio Lower Upper
50 100
52 33.2 23.1 42.9

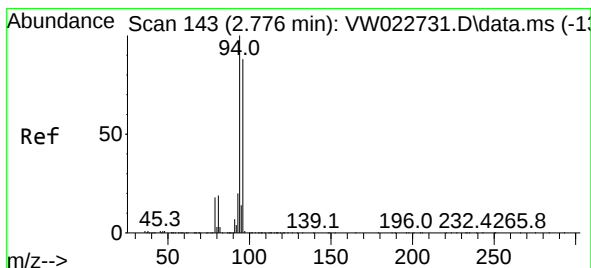
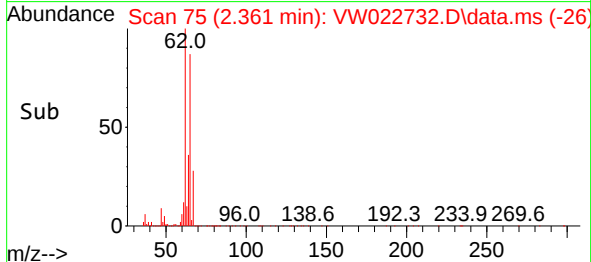
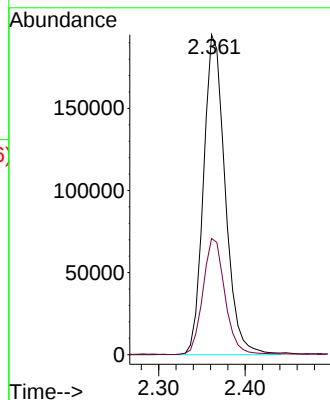
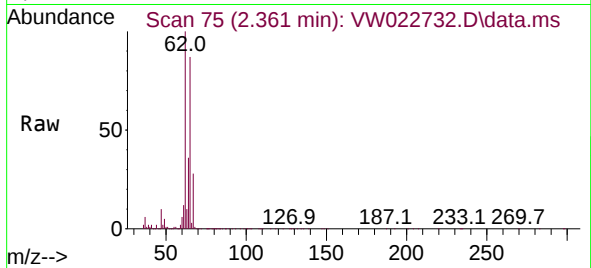




#5
 Vinyl chloride
 Concen: 46.333 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022732.D
 Acq: 02 May 2022 11:10

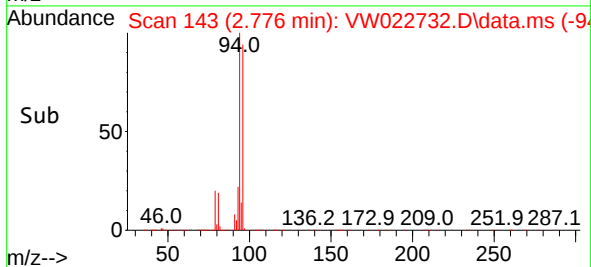
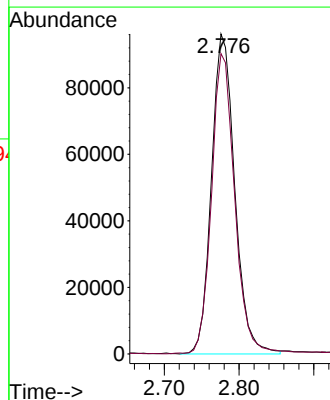
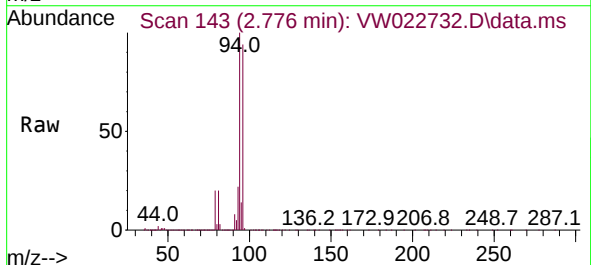
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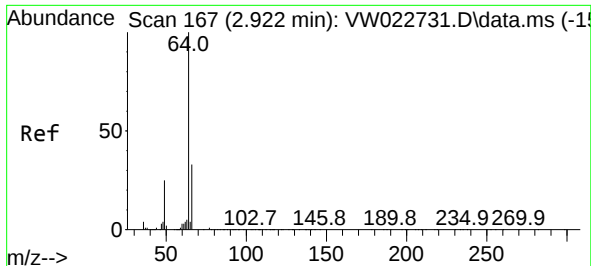
Tgt Ion: 62 Resp: 339031
 Ion Ratio Lower Upper
 62 100
 64 36.3 24.9 46.3



#6
 Bromomethane
 Concen: 44.399 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022732.D
 Acq: 02 May 2022 11:10

Tgt Ion: 94 Resp: 208591
 Ion Ratio Lower Upper
 94 100
 96 93.9 61.7 114.5

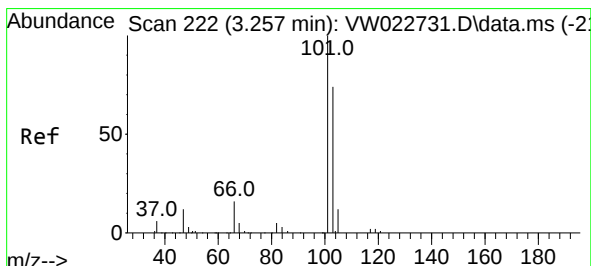
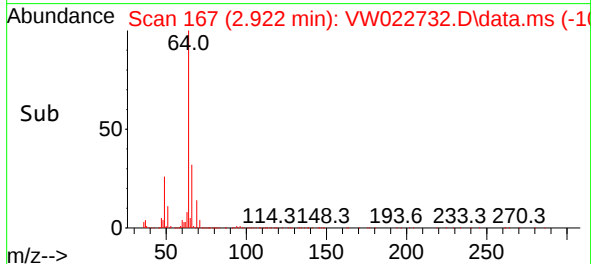
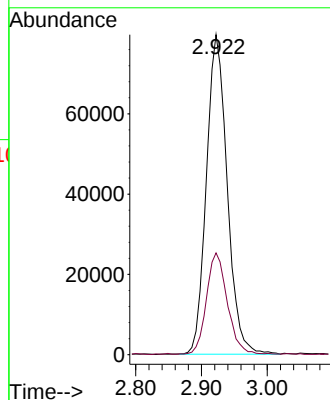
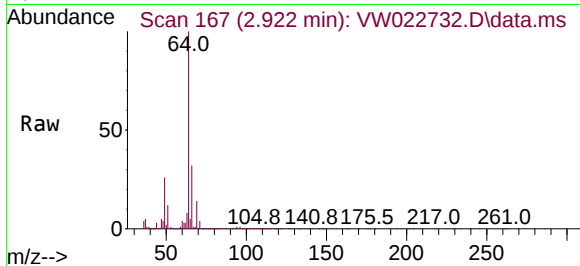




#8
Chloroethane
Concen: 49.650 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

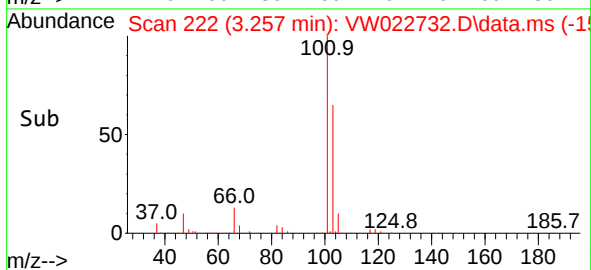
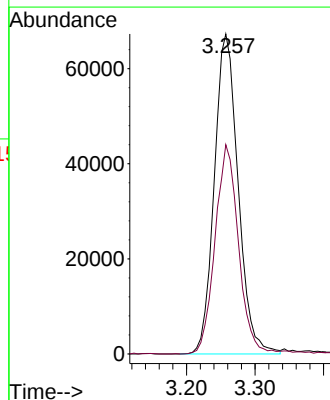
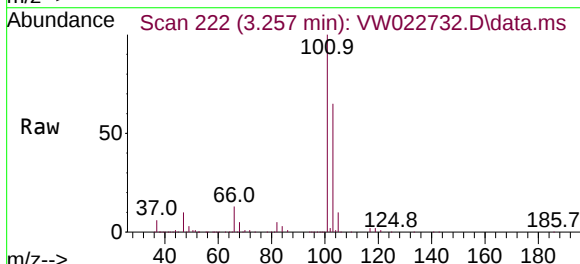
Instrument :
MSVOA_W
ClientSampleId :

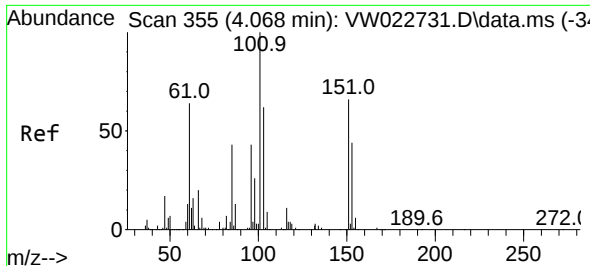
Tgt Ion: 64 Resp: 175230
Ion Ratio Lower Upper
64 100
66 31.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 48.507 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

Tgt Ion:101 Resp: 162228
Ion Ratio Lower Upper
101 100
103 64.1 53.9 80.9

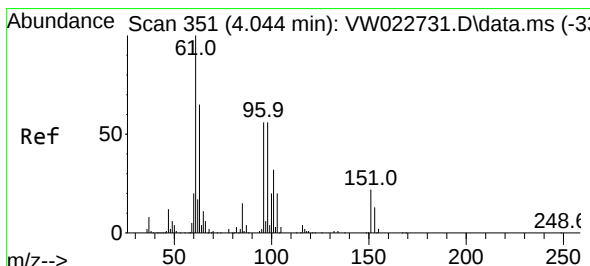
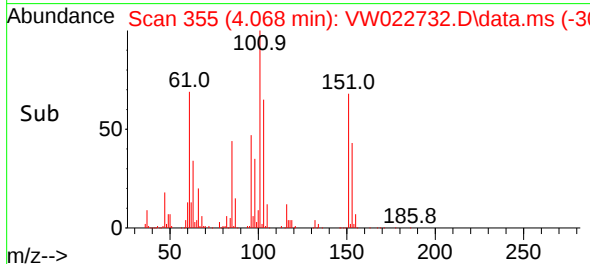
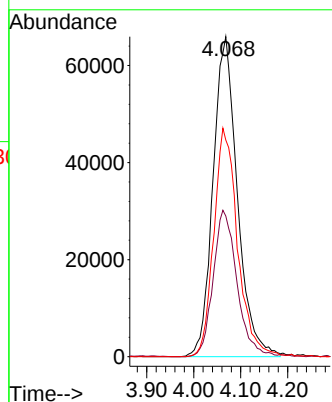
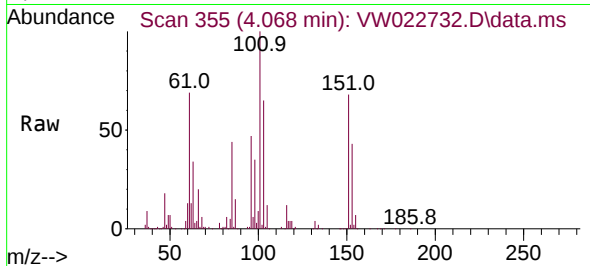




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.714 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW022732.D
 Acq: 02 May 2022 11:10

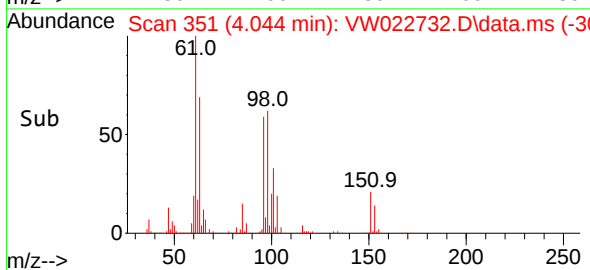
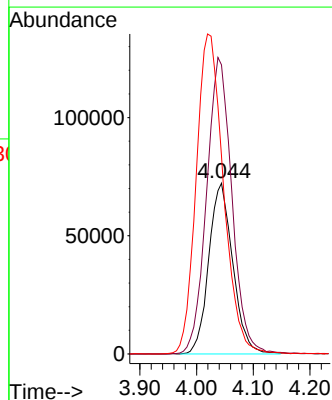
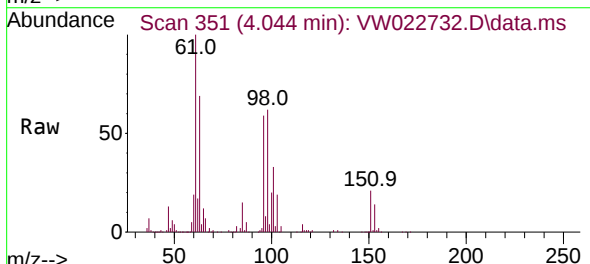
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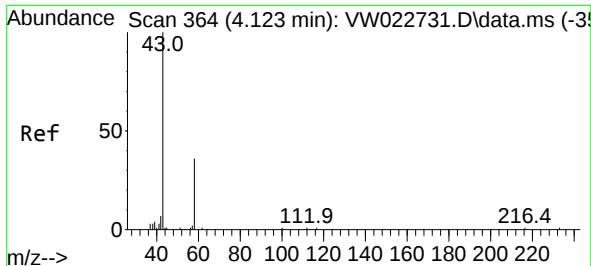
Tgt Ion:101 Resp: 237560
 Ion Ratio Lower Upper
 101 100
 85 44.7 34.3 51.5
 151 69.7 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 47.989 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW022732.D
 Acq: 02 May 2022 11:10

Tgt Ion: 96 Resp: 212737
 Ion Ratio Lower Upper
 96 100
 61 169.3 125.7 233.5
 63 116.2 83.4 155.0

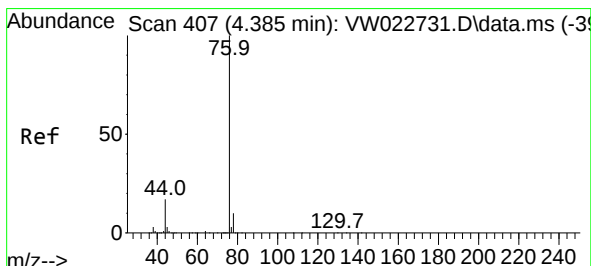
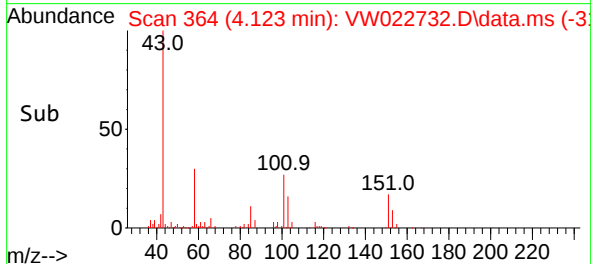
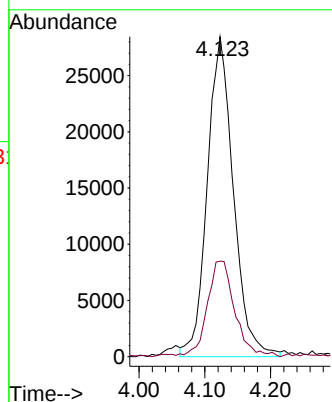
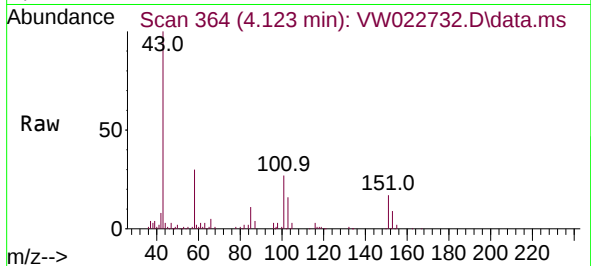




#13
Acetone
Concen: 86.161 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

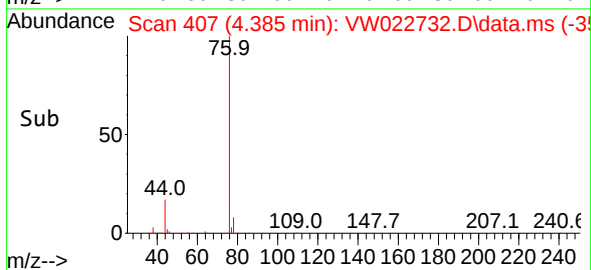
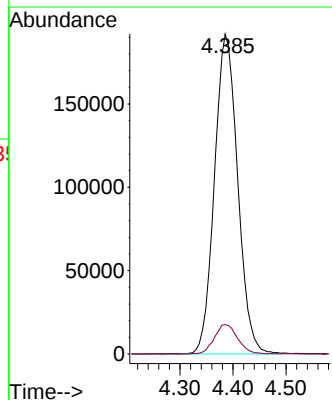
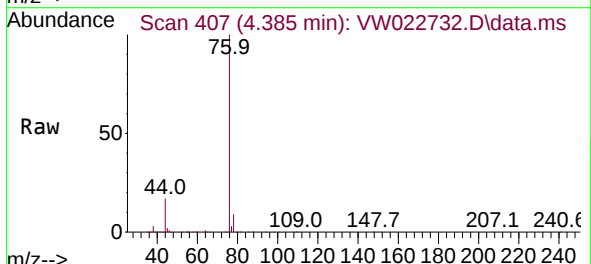
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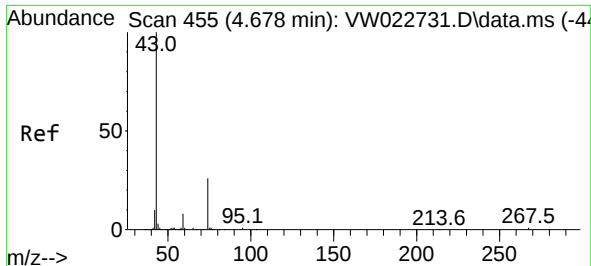
Tgt Ion: 43 Resp: 78808
Ion Ratio Lower Upper
43 100
58 30.6 0.0 64.0



#14
Carbon disulfide
Concen: 47.903 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

Tgt Ion: 76 Resp: 582192
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5

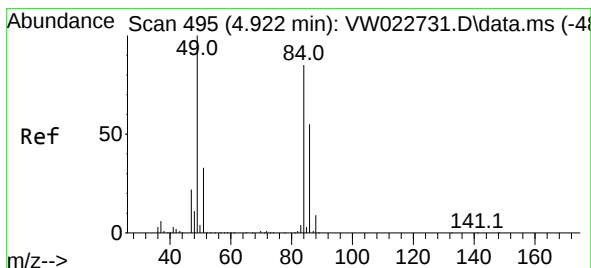
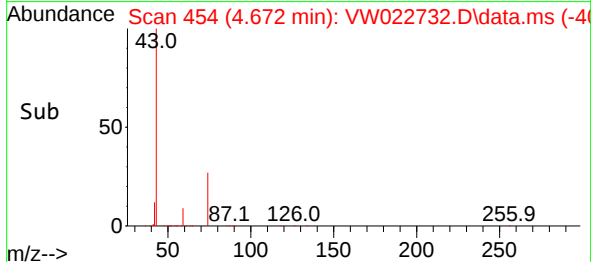
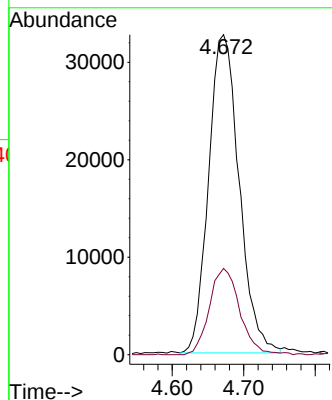
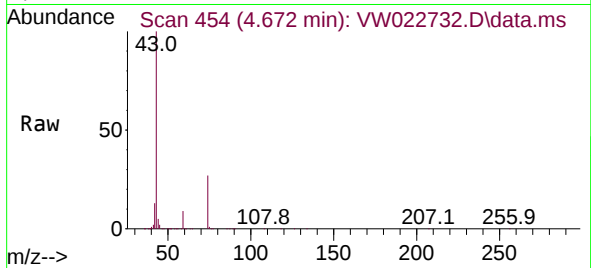




#15
Methyl Acetate
Concen: 46.100 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

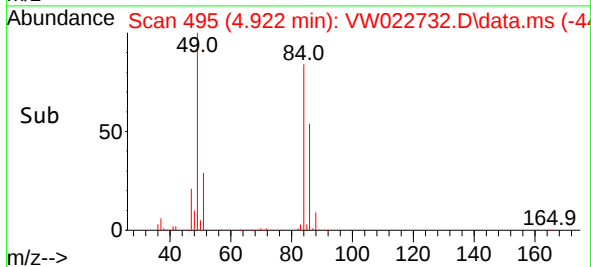
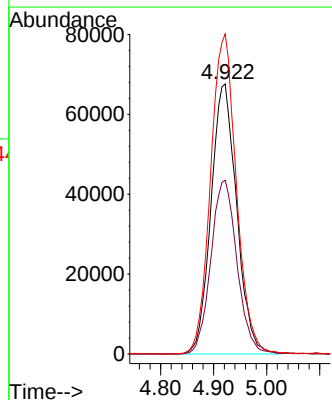
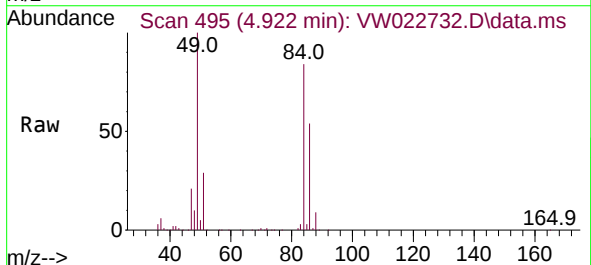
Instrument :
MSVOA_W
ClientSampleId :

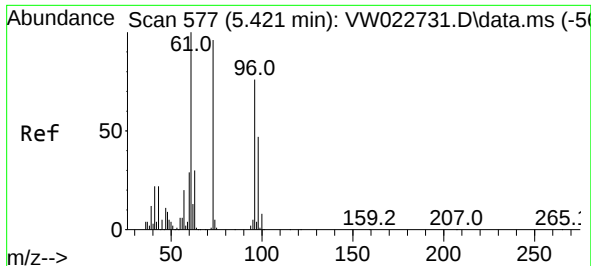
Tgt Ion: 43 Resp: 96879
Ion Ratio Lower Upper
43 100
74 26.8 21.9 32.9



#16
Methylene chloride
Concen: 44.924 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

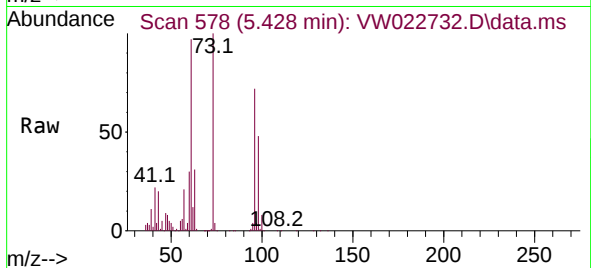
Tgt Ion: 84 Resp: 227525
Ion Ratio Lower Upper
84 100
86 64.3 45.4 84.4
49 118.5 82.5 153.1



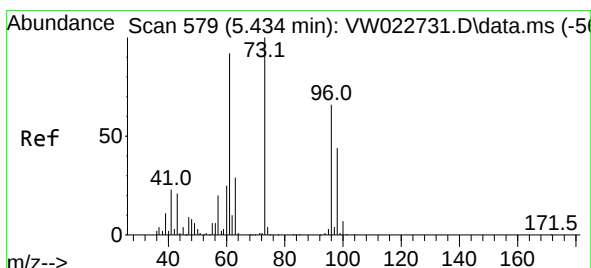
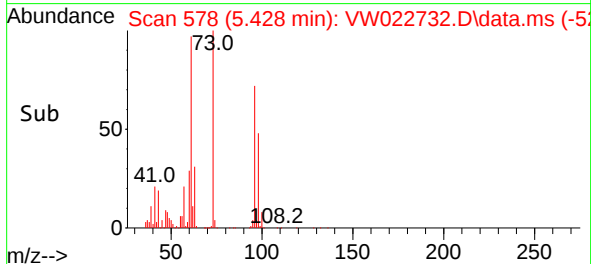
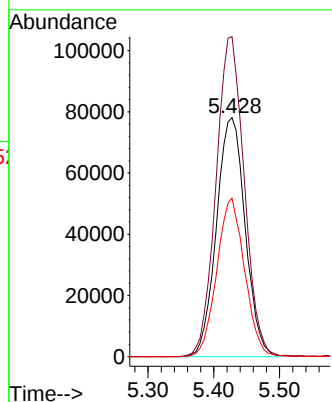


#17
trans-1,2-Dichloroethene
Concen: 47.604 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

Instrument :
MSVOA_W
ClientSampleId :

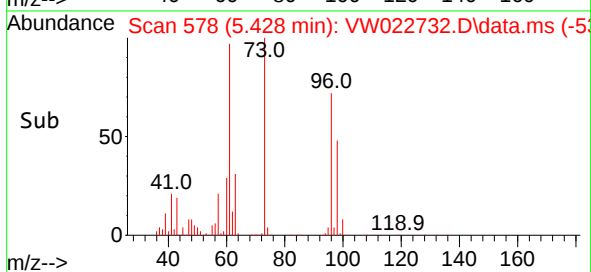
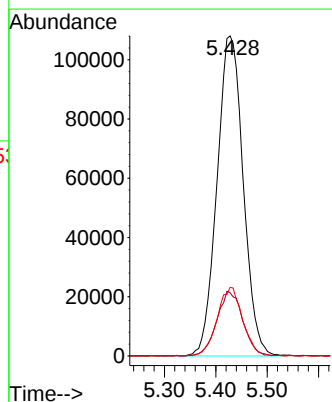
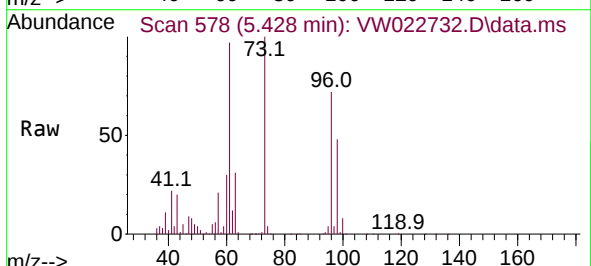


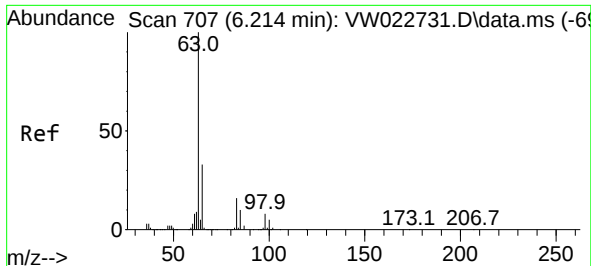
Tgt Ion: 96 Resp: 237482
Ion Ratio Lower Upper
96 100
61 133.9 92.2 171.2
98 66.3 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 50.418 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

Tgt Ion: 73 Resp: 383098
Ion Ratio Lower Upper
73 100
43 20.0 15.9 23.9
57 20.8 16.5 24.7





#19

1,1-Dichloroethane

Concen: 48.689 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

Instrument :

MSVOA_W

ClientSampleId :

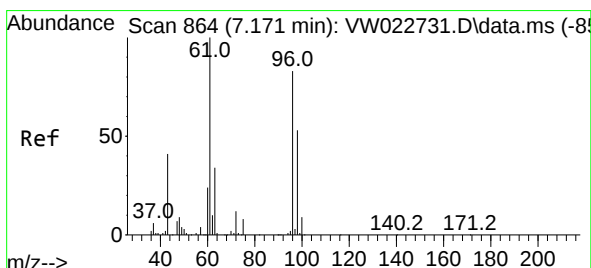
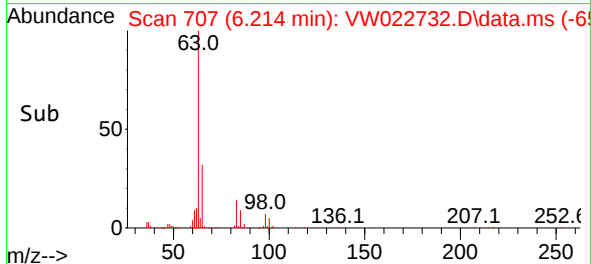
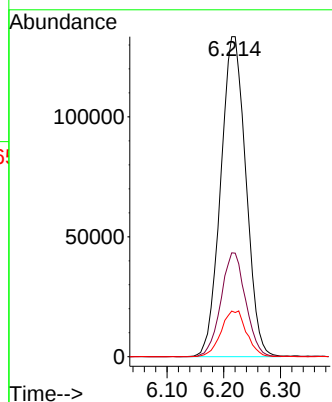
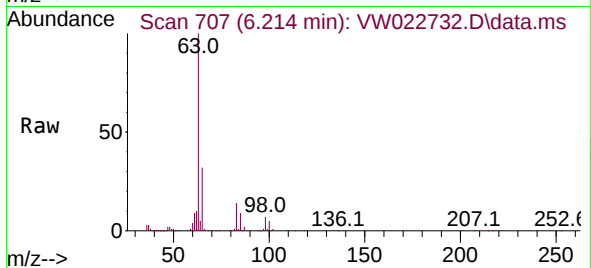
Tgt Ion: 63 Resp: 411668

Ion Ratio Lower Upper

63 100

65 32.5 23.3 43.3

83 14.3 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 49.581 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

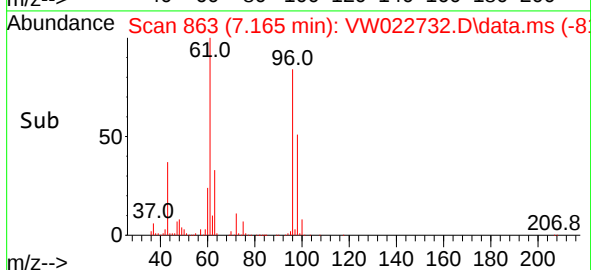
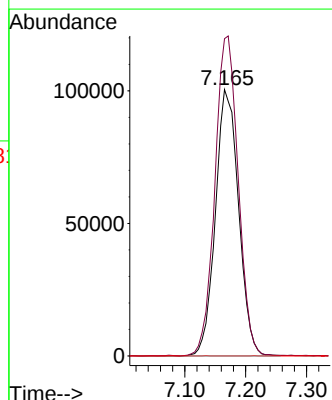
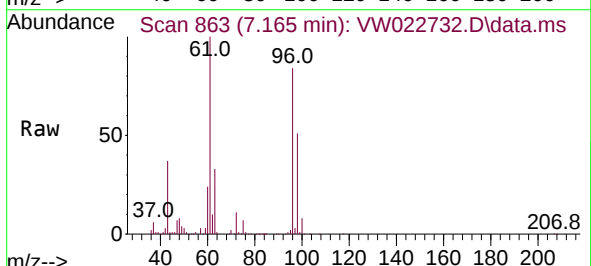
Tgt Ion: 96 Resp: 265670

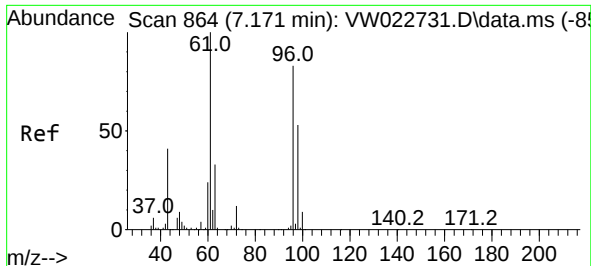
Ion Ratio Lower Upper

96 100

61 119.1 84.2 156.4

68 0.0 0.1 0.1#

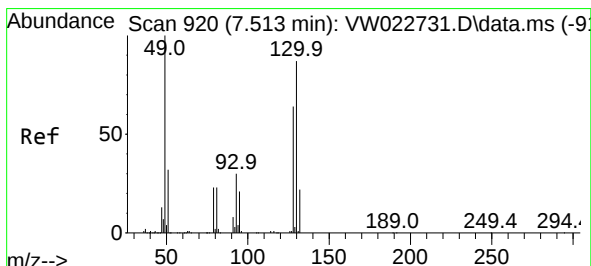
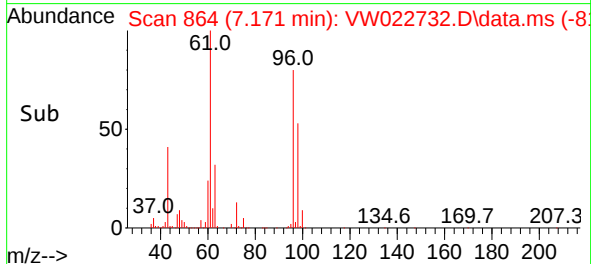
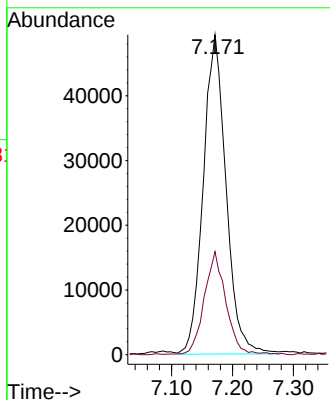
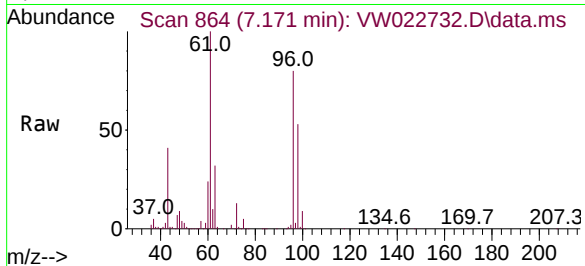




#22
2-Butanone
Concen: 90.923 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

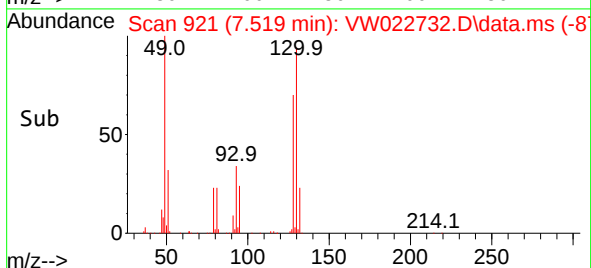
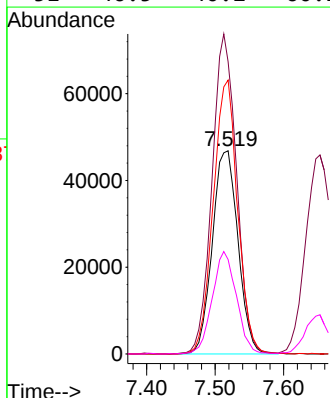
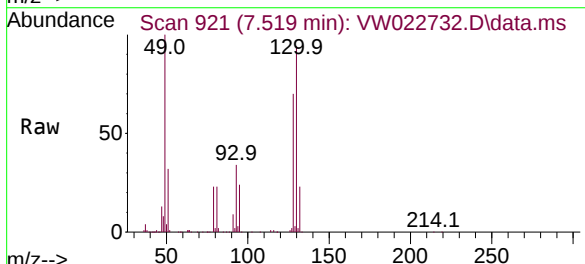
Instrument :
MSVOA_W
ClientSampleId :

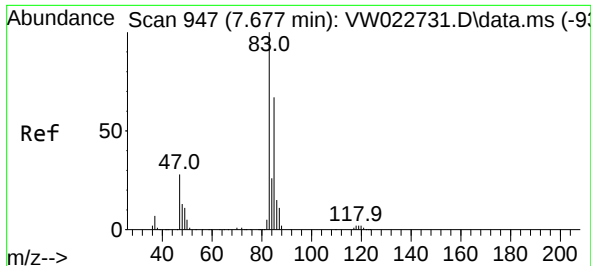
Tgt Ion: 43 Resp: 128339
Ion Ratio Lower Upper
43 100
72 30.2 15.1 45.3



#23
Bromochloromethane
Concen: 48.521 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

Tgt Ion: 128 Resp: 121760
Ion Ratio Lower Upper
128 100
49 143.8 110.0 204.4
130 134.9 94.8 176.0
51 46.5 40.2 60.2

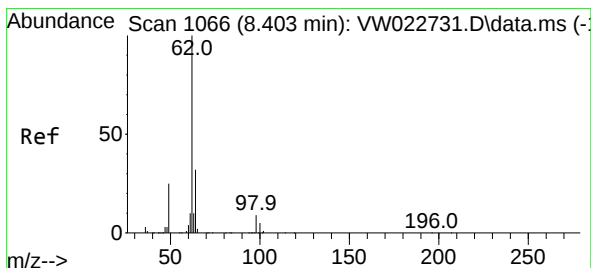
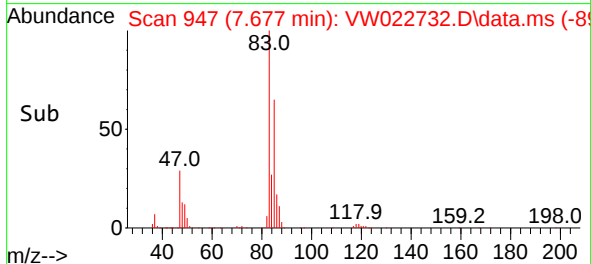
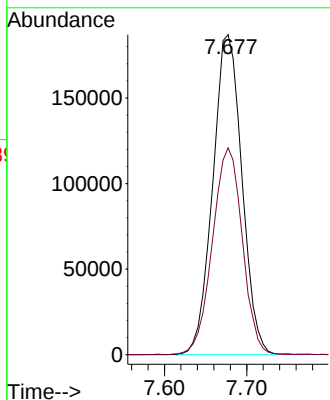
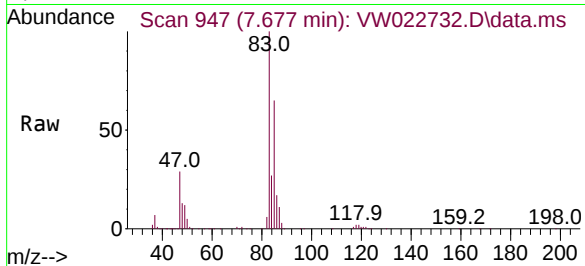




#25
Chloroform
Concen: 49.302 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

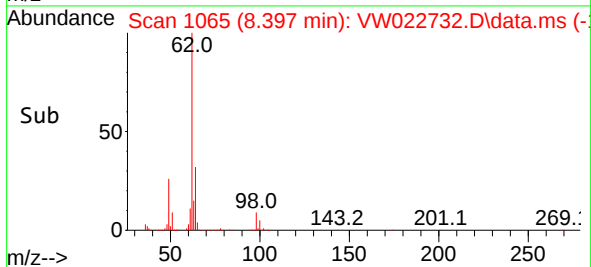
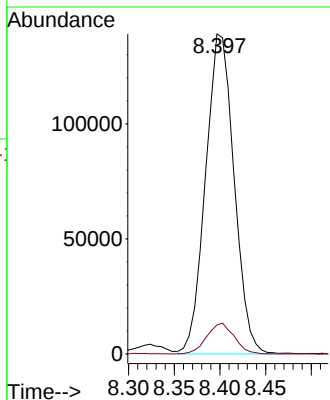
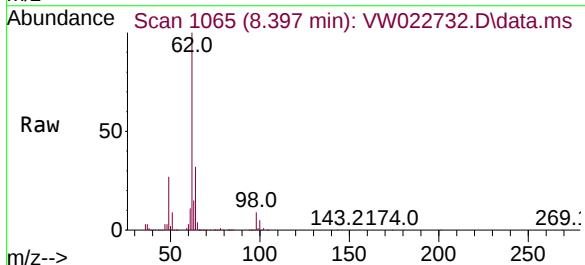
Instrument :
MSVOA_W
ClientSampleId :

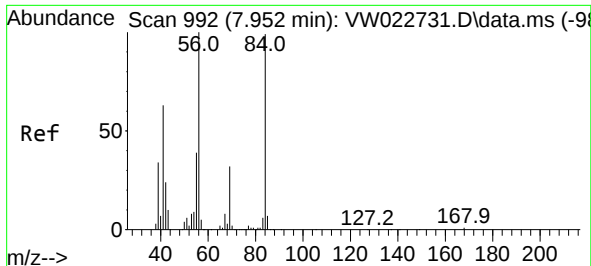
Tgt Ion: 83 Resp: 460937
Ion Ratio Lower Upper
83 100
85 64.6 46.6 86.6



#27
1,2-Dichloroethane
Concen: 48.512 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

Tgt Ion: 62 Resp: 302331
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8





#29

Cyclohexane

Concen: 49.656 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

Instrument :

MSVOA_W

ClientSampleId :

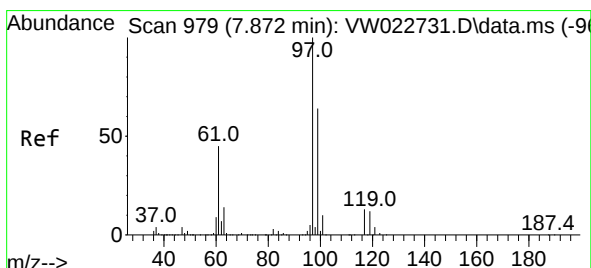
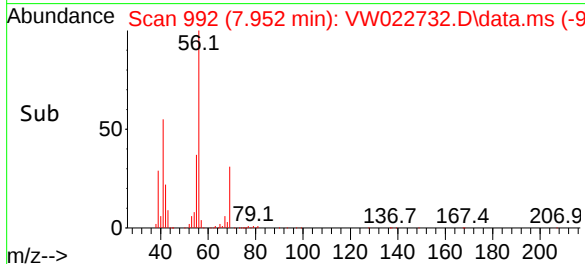
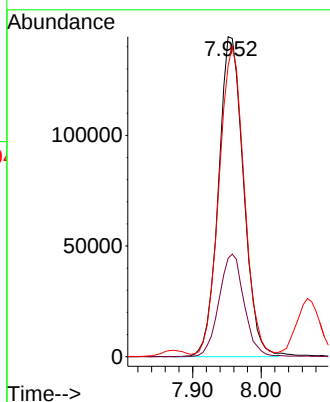
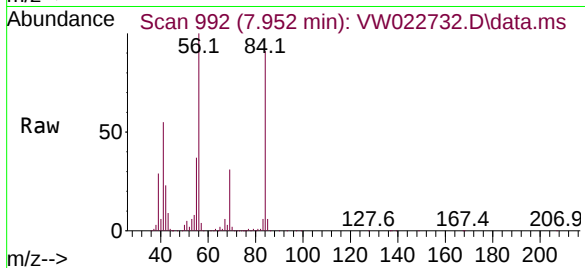
Tgt Ion: 56 Resp: 367286

Ion Ratio Lower Upper

56 100

69 32.1 25.6 38.4

84 97.5 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 49.019 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

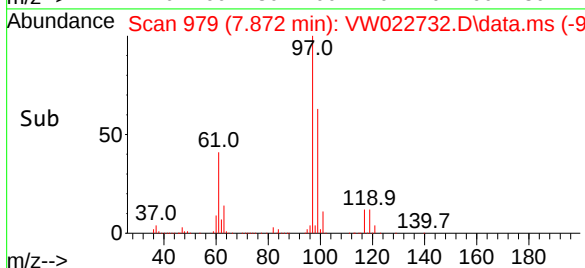
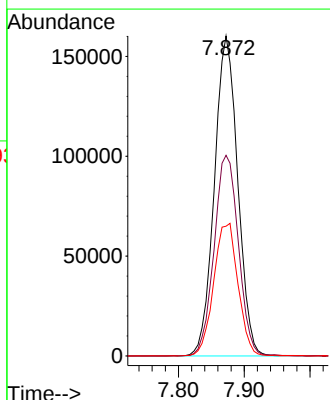
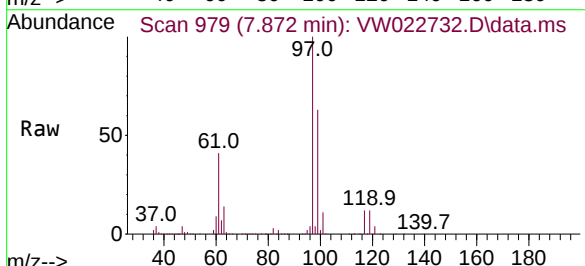
Tgt Ion: 97 Resp: 396186

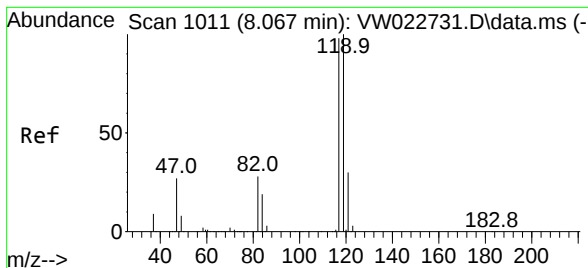
Ion Ratio Lower Upper

97 100

99 65.3 51.0 76.4

61 43.2 34.8 52.2





#31

Carbon tetrachloride

Concen: 49.686 ug/L

RT: 8.074 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

Instrument :

MSVOA_W

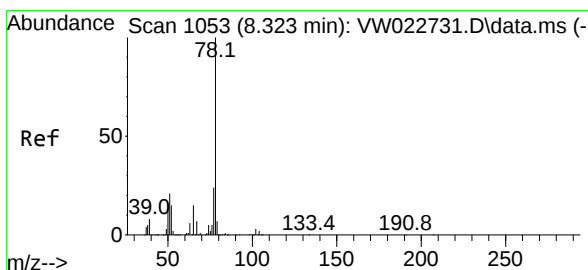
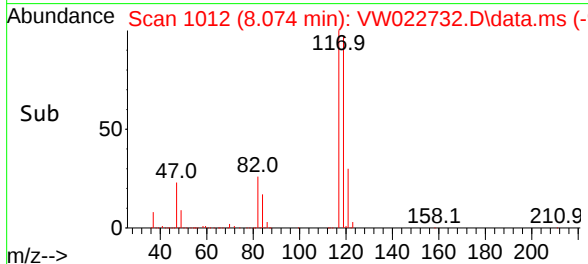
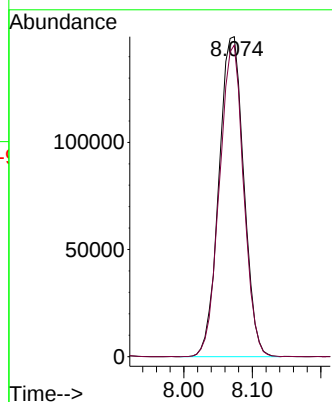
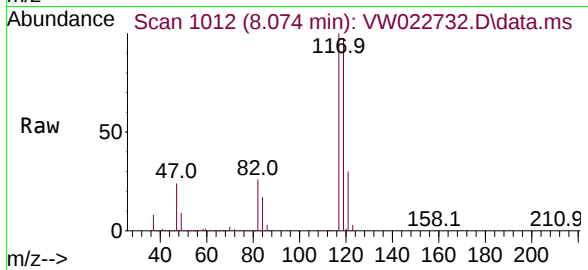
ClientSampleId :

Tgt Ion:117 Resp: 375650

Ion Ratio Lower Upper

117 100

119 94.6 76.6 115.0



#33

Benzene

Concen: 48.482 ug/L

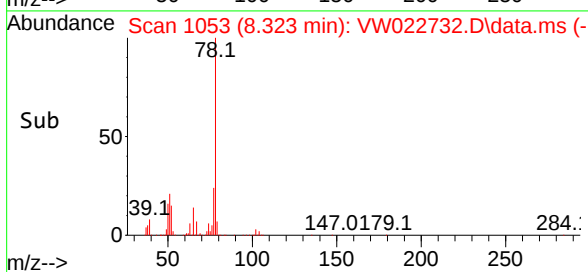
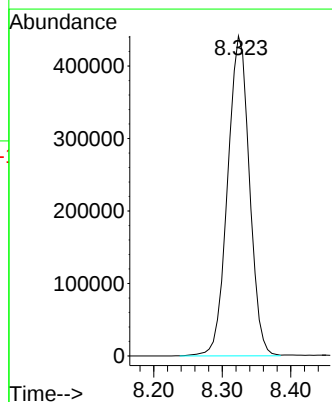
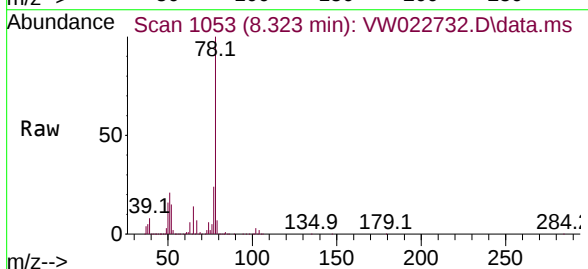
RT: 8.323 min Scan# 1053

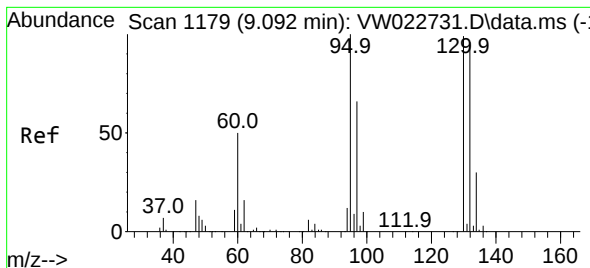
Delta R.T. 0.000 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

Tgt Ion: 78 Resp: 976825





#34

Trichloroethene

Concen: 48.258 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 267397

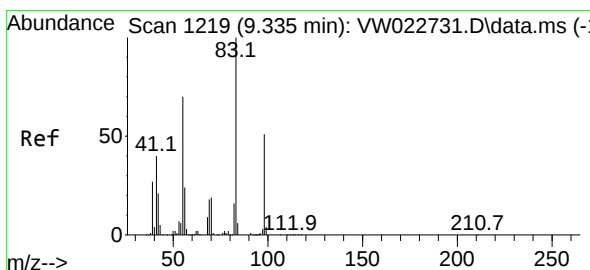
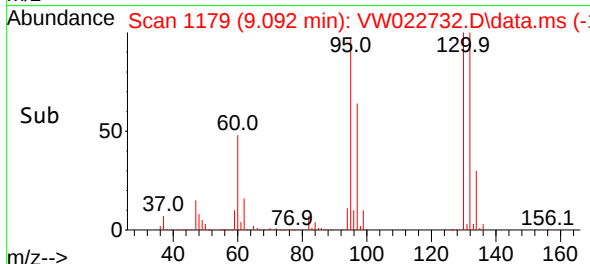
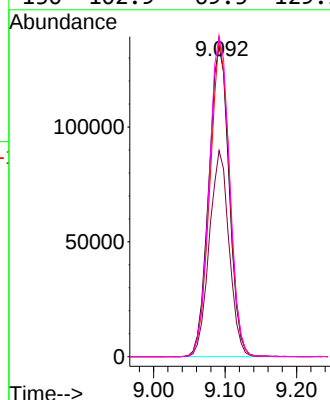
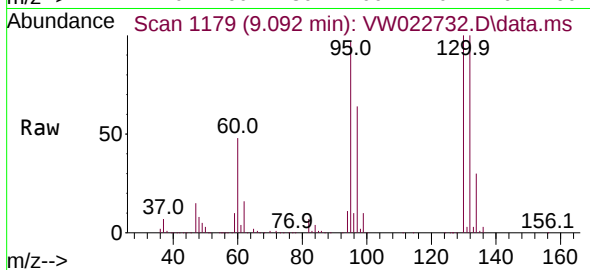
Ion Ratio Lower Upper

95 100

97 66.4 46.1 85.7

132 103.0 66.9 124.3

130 102.9 69.5 129.1



#35

Methylcyclohexane

Concen: 49.304 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

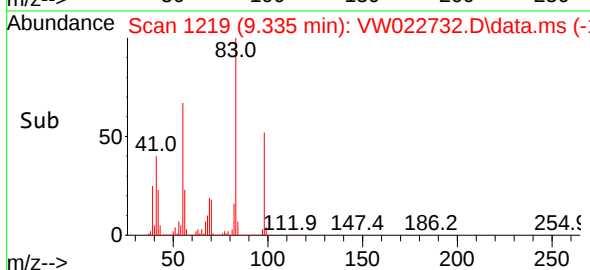
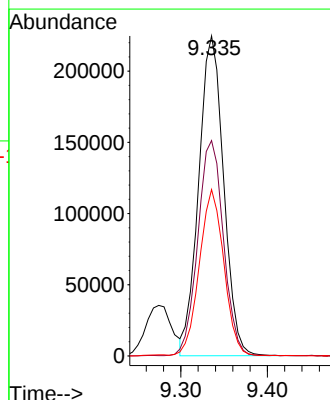
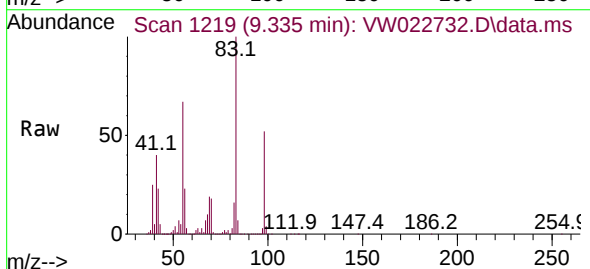
Tgt Ion: 83 Resp: 448795

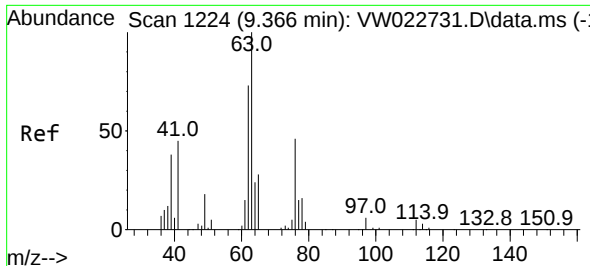
Ion Ratio Lower Upper

83 100

55 69.3 55.1 82.7

98 51.3 40.4 60.6





#37

1,2-Dichloropropane

Concen: 48.708 ug/L

RT: 9.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

Instrument :

MSVOA_W

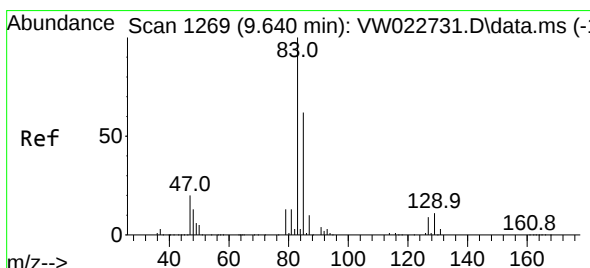
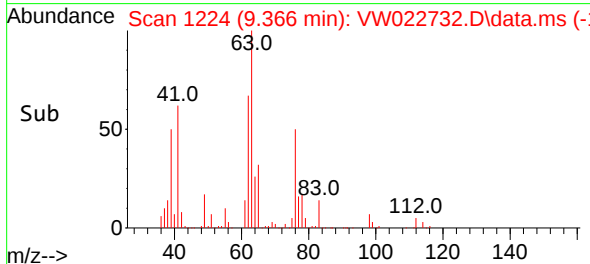
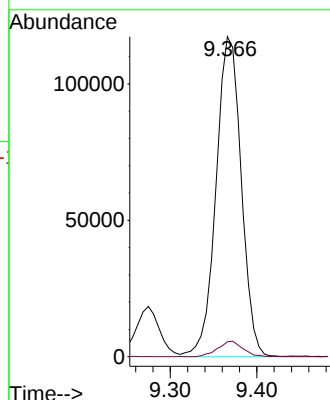
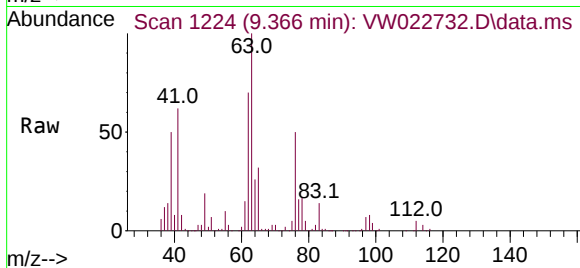
ClientSampleId :

Tgt Ion: 63 Resp: 237486

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 50.765 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

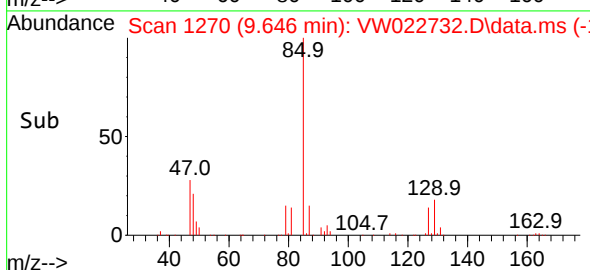
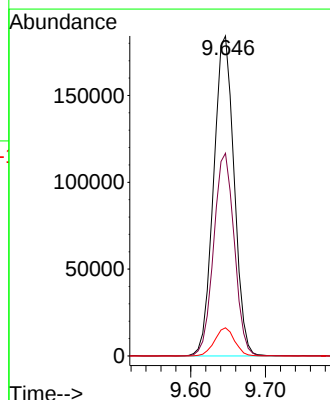
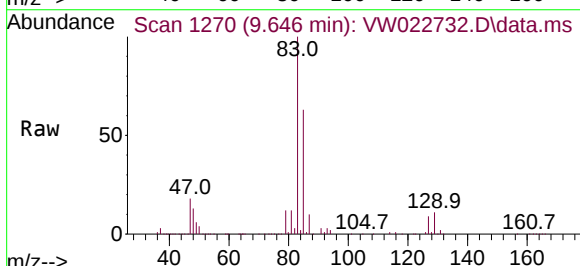
Tgt Ion: 83 Resp: 351568

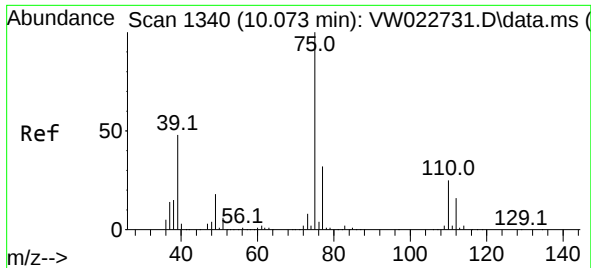
Ion Ratio Lower Upper

83 100

85 63.4 43.5 80.7

127 8.8 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 52.608 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

Instrument :

MSVOA_W

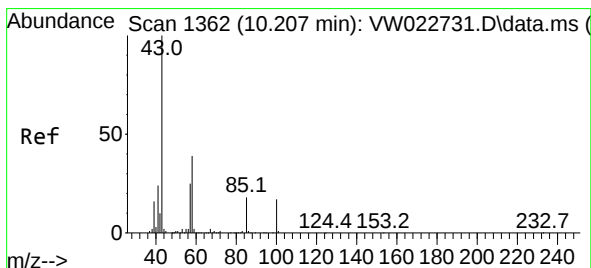
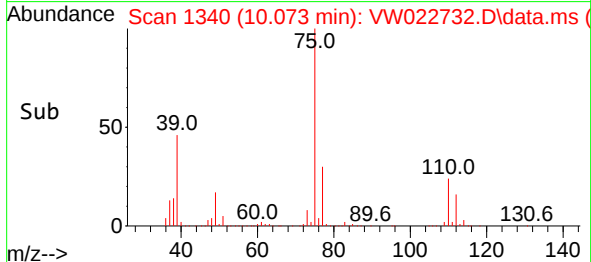
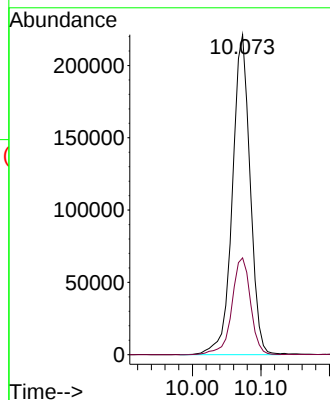
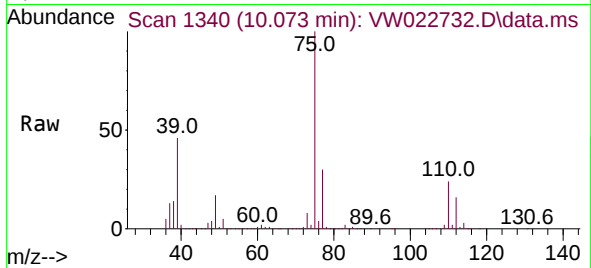
ClientSampleId :

Tgt Ion: 75 Resp: 397727

Ion Ratio Lower Upper

75 100

77 30.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 98.149 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

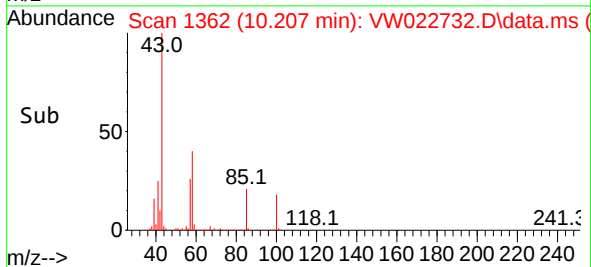
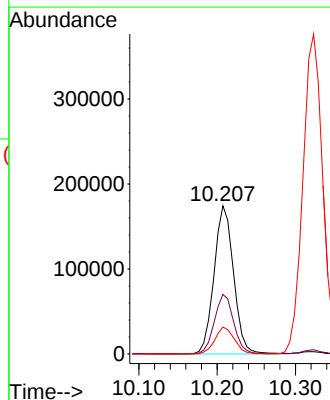
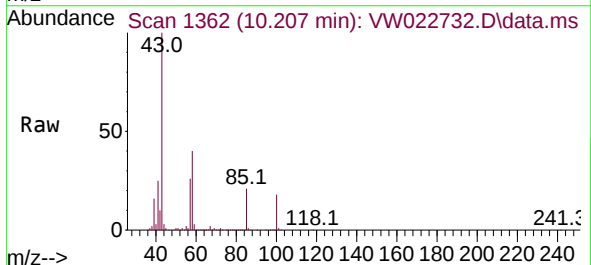
Tgt Ion: 43 Resp: 301630

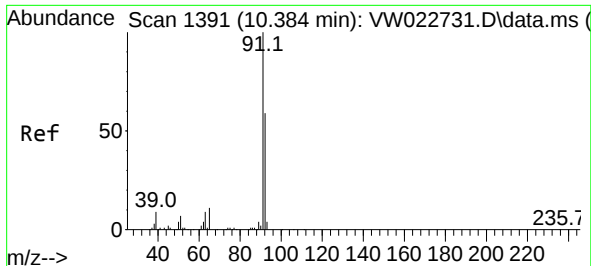
Ion Ratio Lower Upper

43 100

58 39.7 31.4 47.2

100 18.2 14.2 21.4

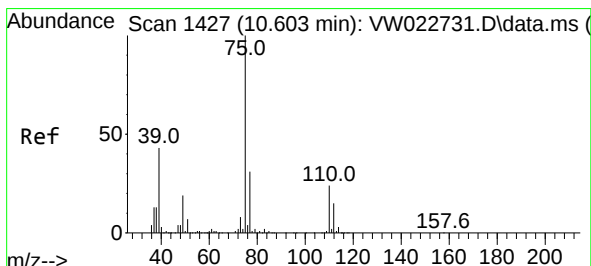
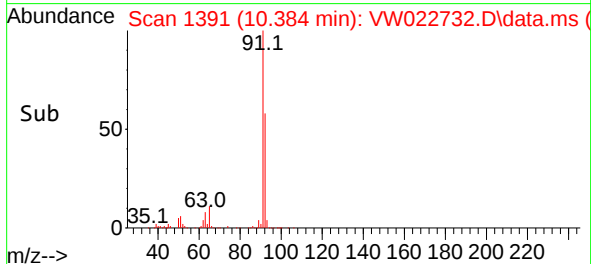
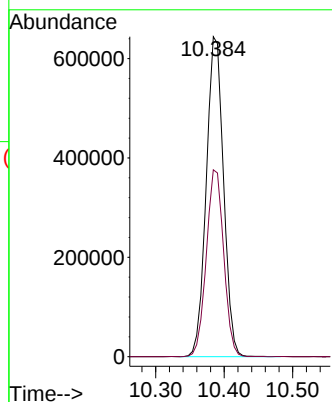
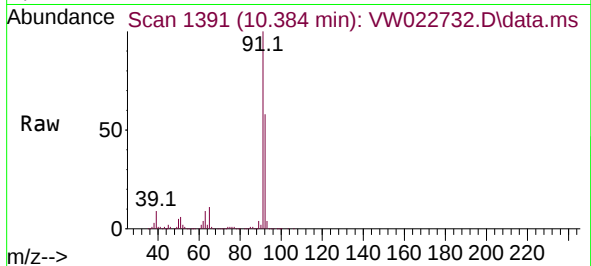




#42
Toluene
Concen: 50.049 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

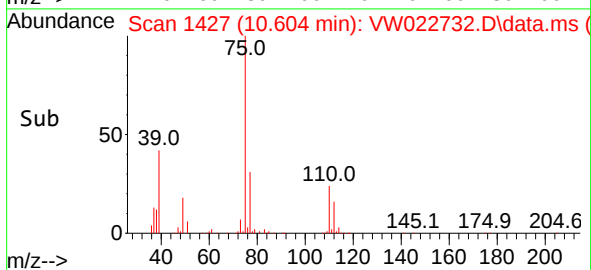
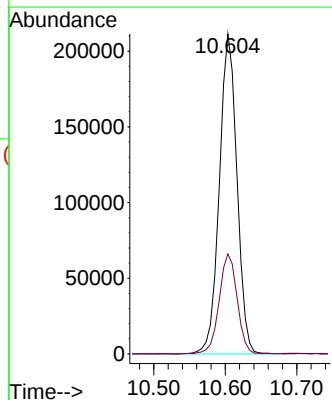
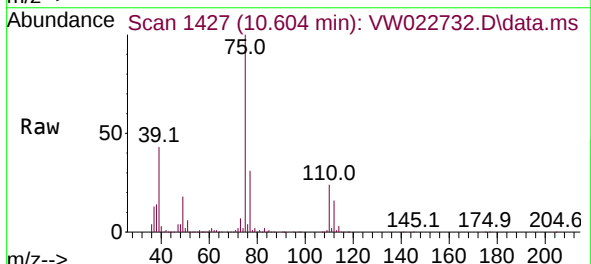
Instrument :
MSVOA_W
ClientSampleId :

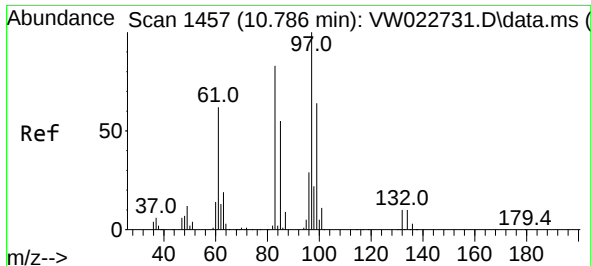
Tgt Ion: 91 Resp: 1130099
Ion Ratio Lower Upper
91 100
92 58.4 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 53.639 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

Tgt Ion: 75 Resp: 361953
Ion Ratio Lower Upper
75 100
77 31.2 22.0 40.8

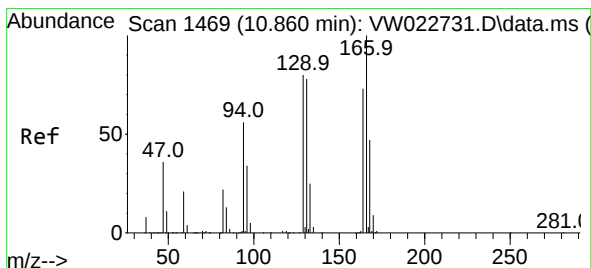
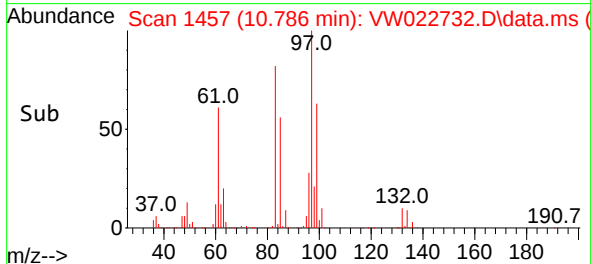
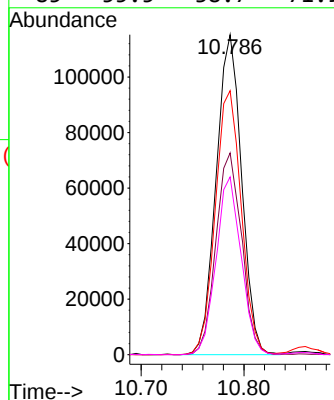
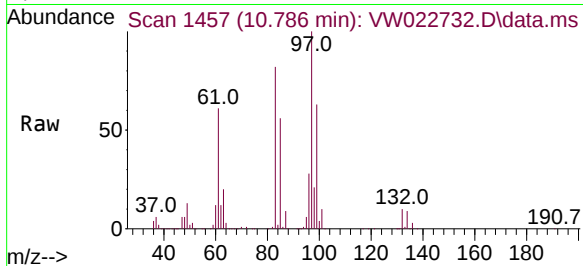




#45
1,1,2-Trichloroethane
Concen: 48.690 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

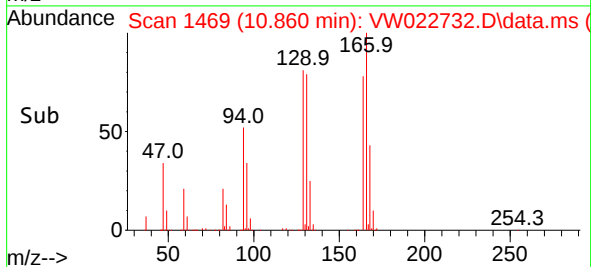
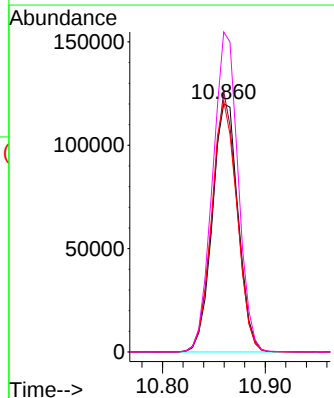
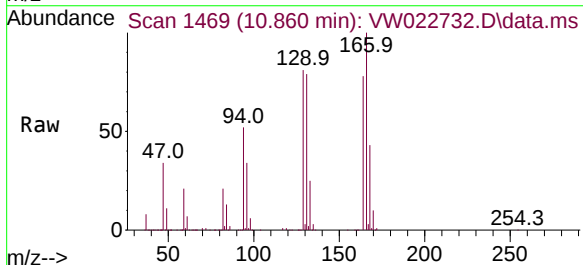
Instrument :
MSVOA_W
ClientSampleId :

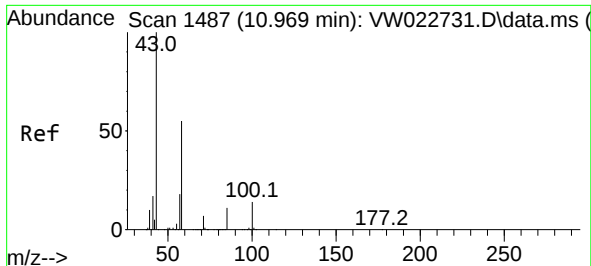
Tgt Ion: 97	Resp: 198457		
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.7	82.9
83	82.5	58.4	108.4
85	55.5	38.7	71.9



#46
Tetrachloroethene
Concen: 50.586 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

Tgt	Ion:164	Resp:	210644
Ion	Ratio	Lower	Upper
164	100		
129	105.1	76.9	142.7
131	101.4	75.1	139.5
166	129.0	96.0	178.2

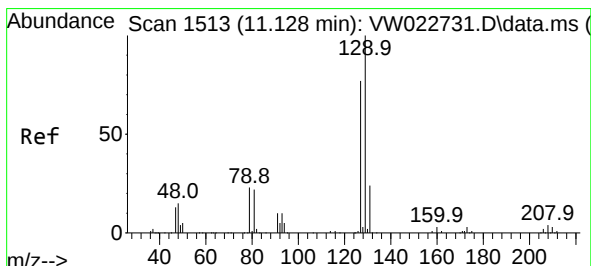
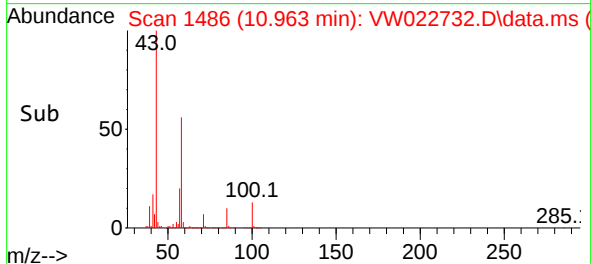
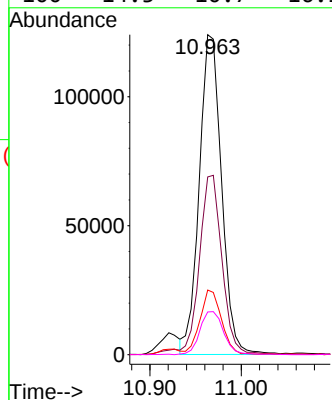
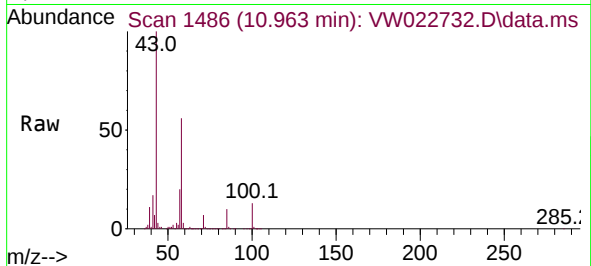




#48
2-Hexanone
Concen: 102.508 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

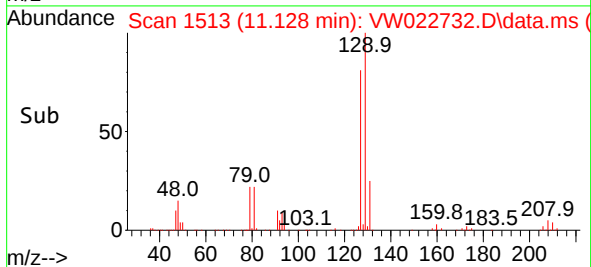
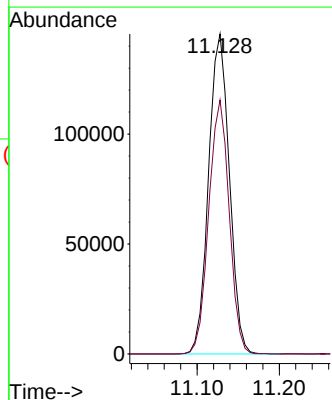
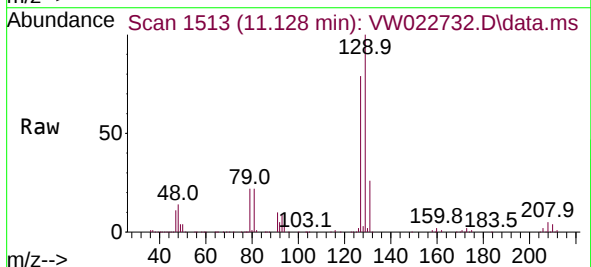
Instrument :
MSVOA_W
ClientSampleId :

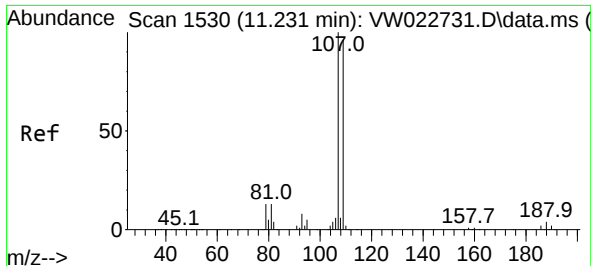
Tgt Ion: 43 Resp: 210485
Ion Ratio Lower Upper
43 100
58 56.0 45.9 68.9
57 19.3 16.2 24.2
100 14.3 10.7 16.1



#49
Dibromochloromethane
Concen: 52.127 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

Tgt Ion:129 Resp: 255715
Ion Ratio Lower Upper
129 100
127 79.4 53.8 100.0

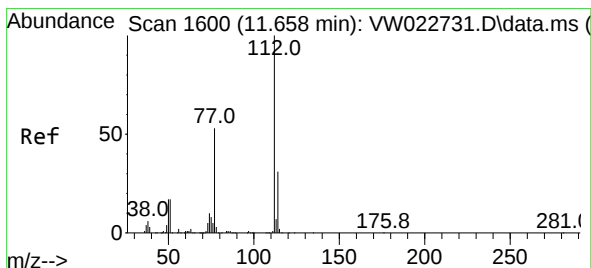
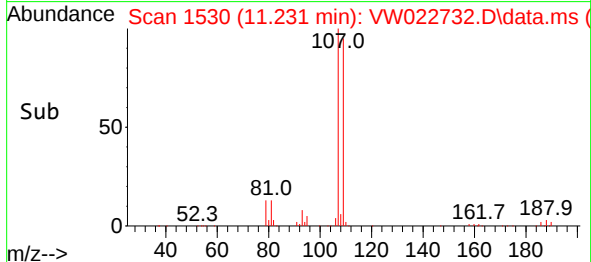
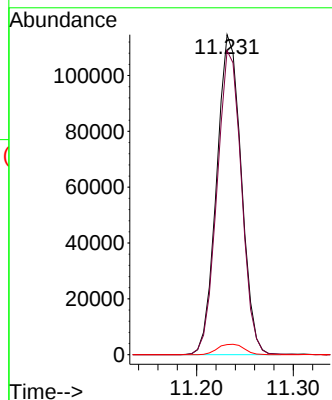
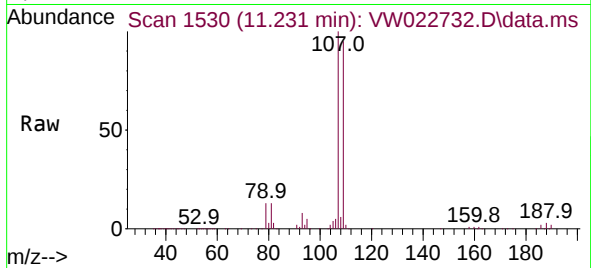




#50
1,2-Dibromoethane
Concen: 49.458 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

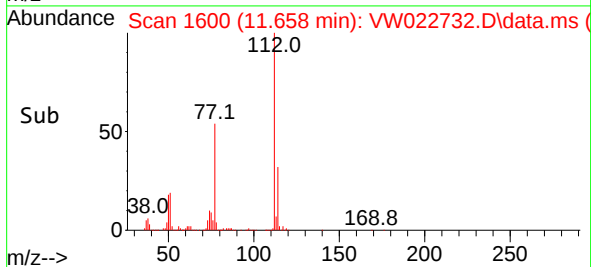
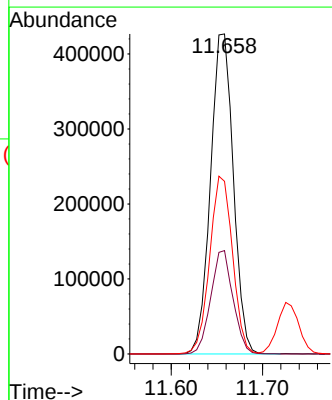
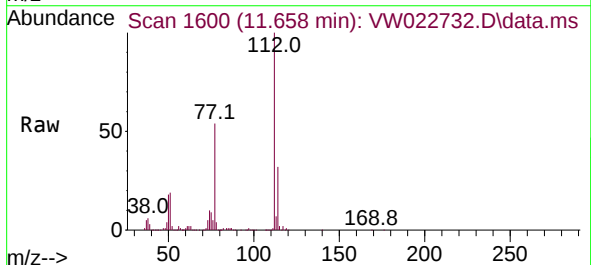
Instrument :
MSVOA_W
ClientSampleId :

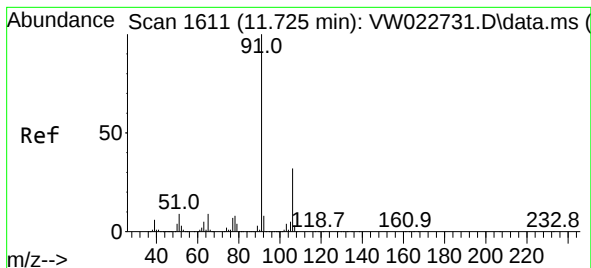
Tgt Ion:107 Resp: 202419
Ion Ratio Lower Upper
107 100
109 95.0 67.5 125.4
188 3.2 2.9 4.3



#51
Chlorobenzene
Concen: 49.778 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

Tgt Ion:112 Resp: 740991
Ion Ratio Lower Upper
112 100
114 32.3 22.0 41.0
77 54.0 42.6 63.8

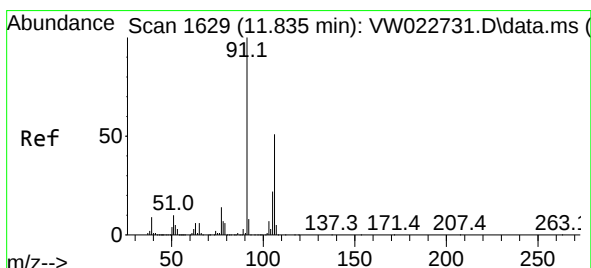
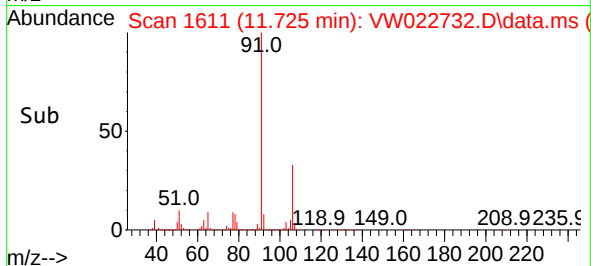
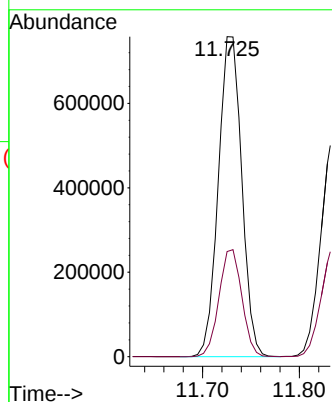
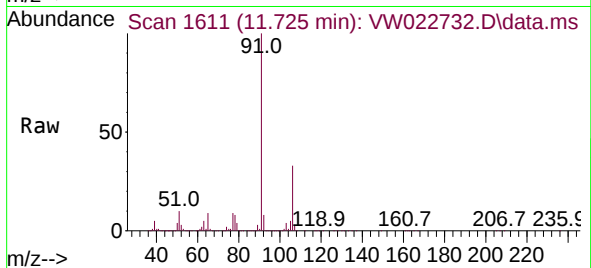




#52
Ethylbenzene
Concen: 50.617 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

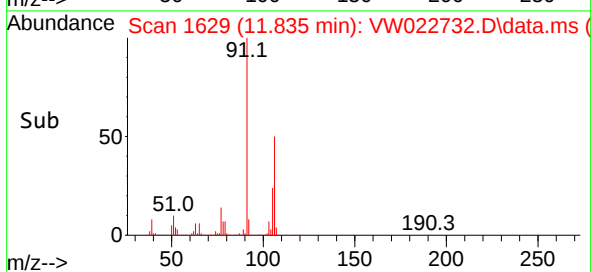
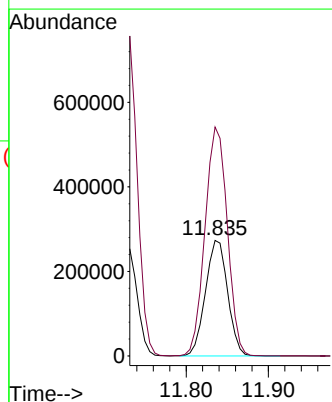
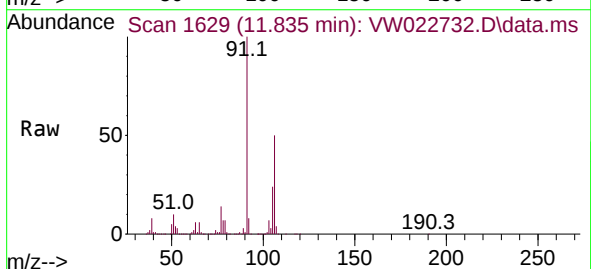
Instrument :
MSVOA_W
ClientSampleId :

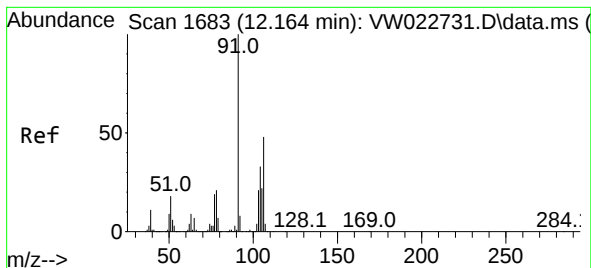
Tgt Ion: 91 Resp: 1271525
Ion Ratio Lower Upper
91 100
106 32.9 22.3 41.3



#53
m,p-Xylene
Concen: 51.718 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

Tgt Ion: 106 Resp: 511908
Ion Ratio Lower Upper
106 100
91 198.2 136.8 254.0





#54

o-Xylene

Concen: 52.091 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

Instrument :

MSVOA_W

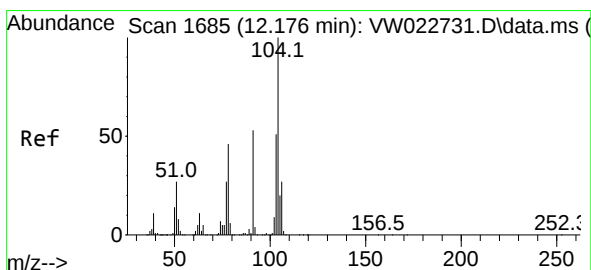
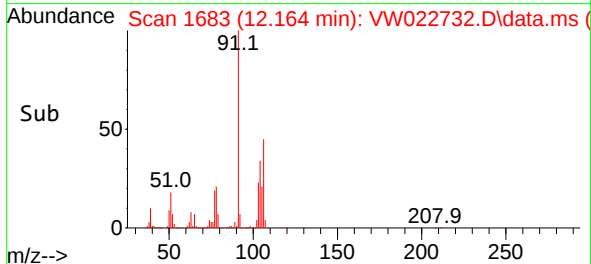
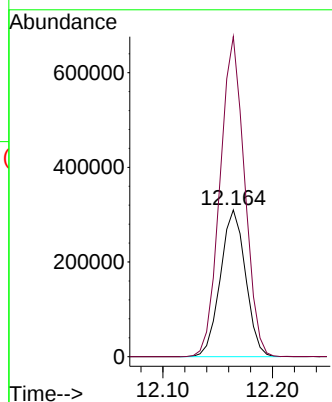
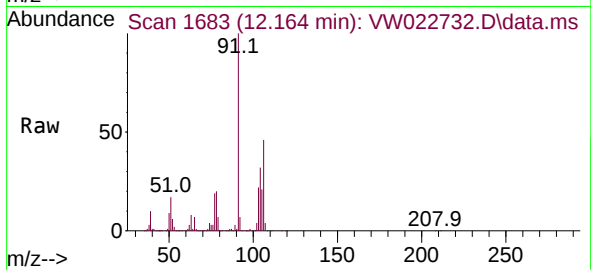
ClientSampleId :

Tgt Ion:106 Resp: 494773

Ion Ratio Lower Upper

106 100

91 218.1 147.2 273.4



#55

Styrene

Concen: 52.725 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022732.D

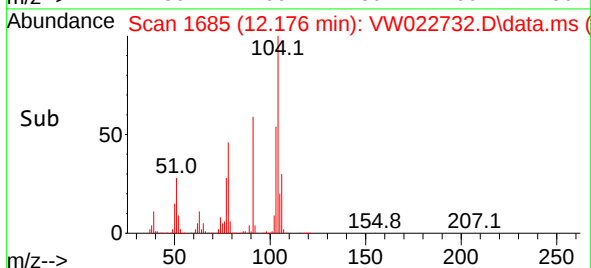
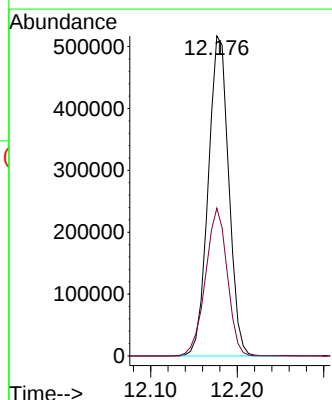
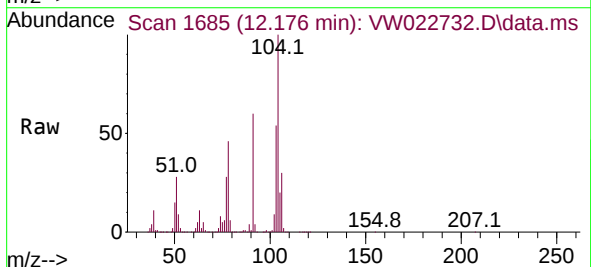
Acq: 02 May 2022 11:10

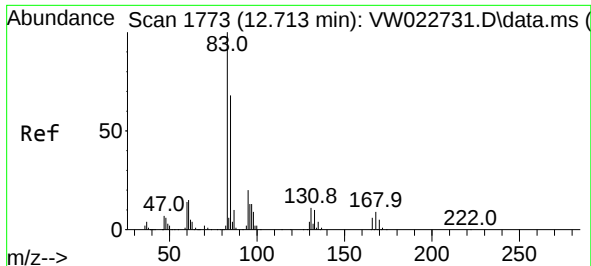
Tgt Ion:104 Resp: 850979

Ion Ratio Lower Upper

104 100

78 46.2 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 49.541 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

Instrument :

MSVOA_W

ClientSampleId :

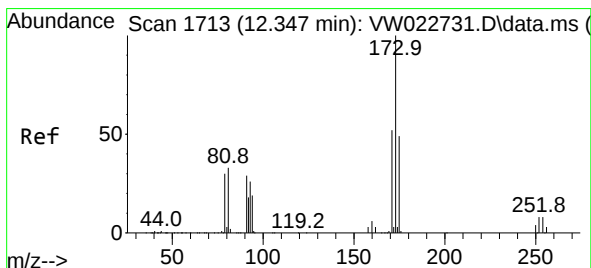
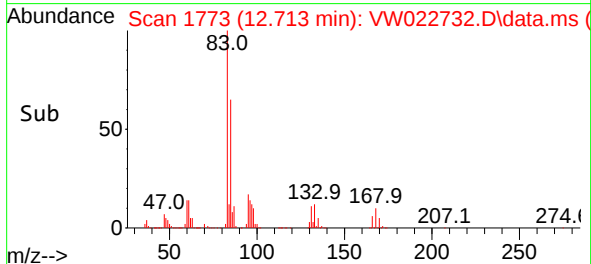
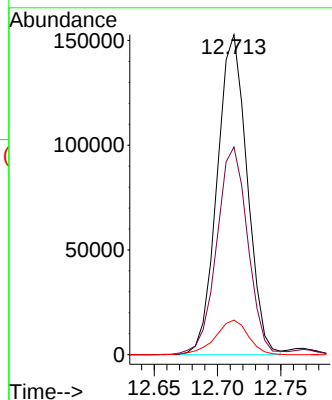
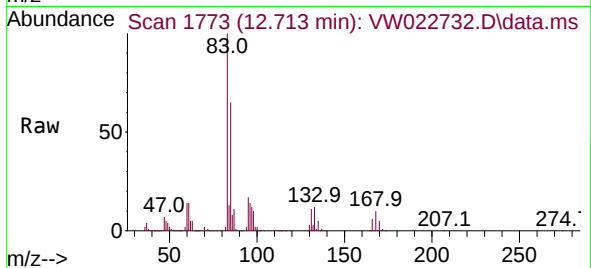
Tgt Ion: 83 Resp: 252212

Ion Ratio Lower Upper

83 100

85 64.9 47.5 88.1

131 10.8 8.7 13.1



#59

Bromoform

Concen: 53.133 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

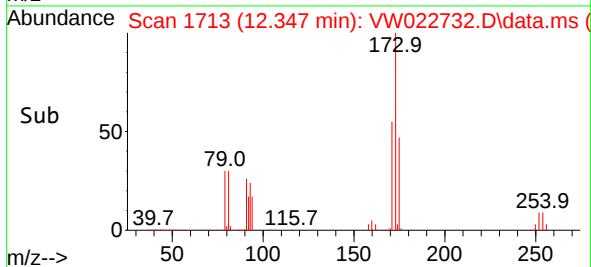
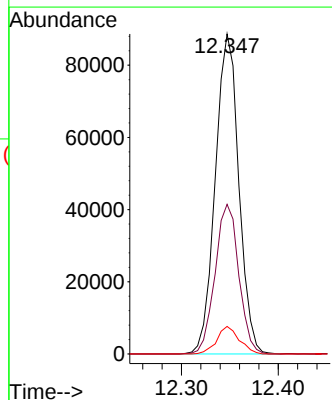
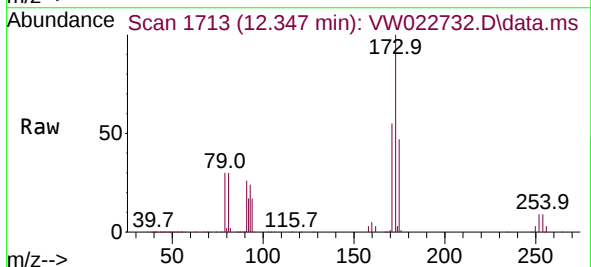
Tgt Ion:173 Resp: 149352

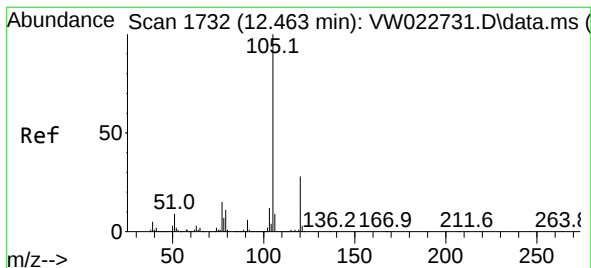
Ion Ratio Lower Upper

173 100

175 47.1 38.1 57.1

254 8.2 6.5 9.7





#60

Isopropylbenzene

Concen: 49.157 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

Instrument :

MSVOA_W

ClientSampleId :

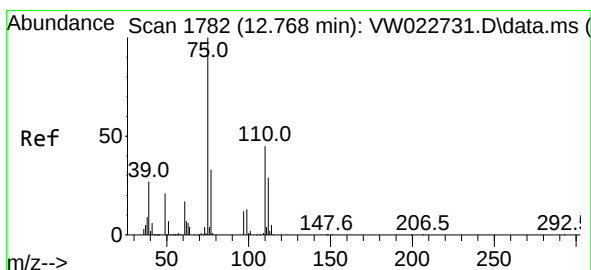
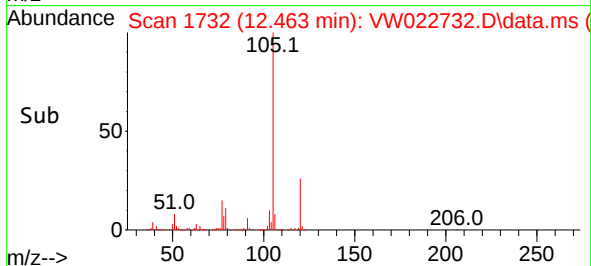
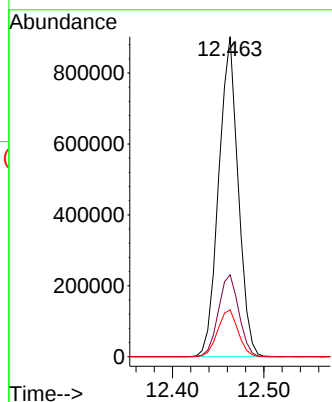
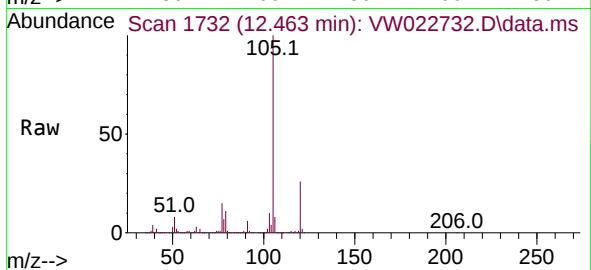
Tgt Ion:105 Resp: 1335709

Ion Ratio Lower Upper

105 100

120 26.9 21.3 31.9

77 15.3 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 45.586 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

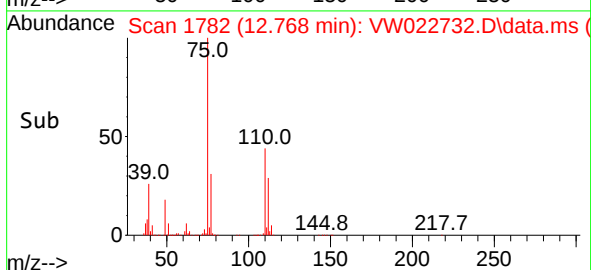
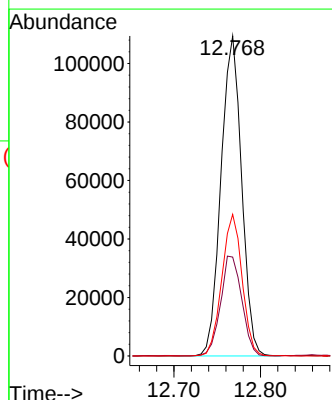
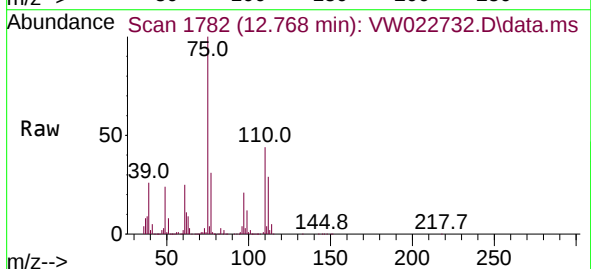
Tgt Ion: 75 Resp: 180664

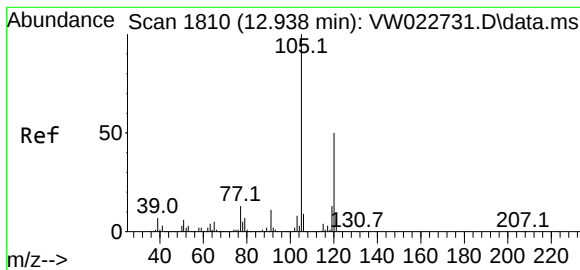
Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

110 43.5 34.1 51.1

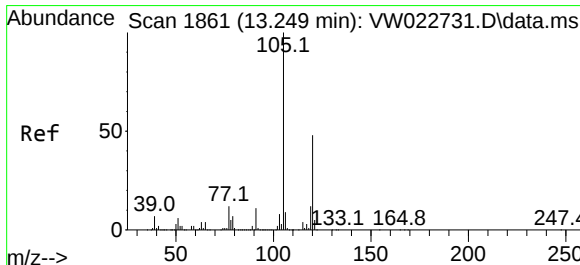
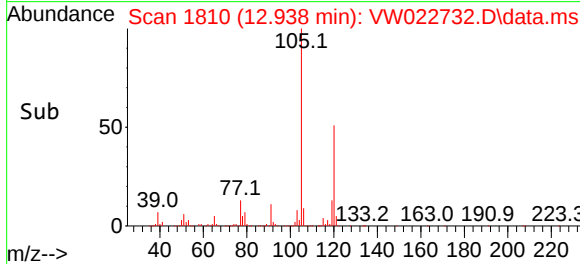
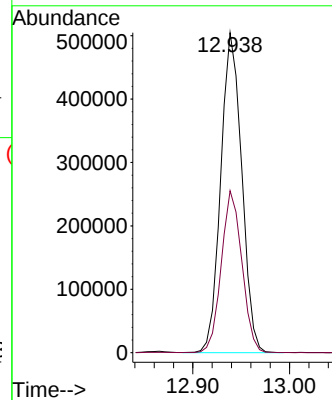
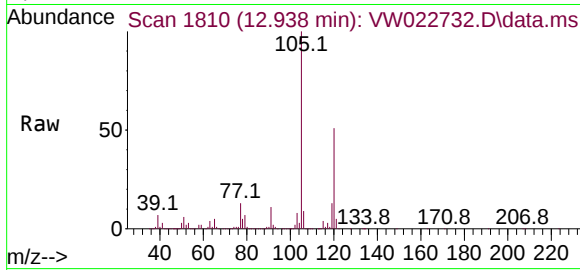




#62
 1,3,5-Trimethylbenzene
 Concen: 50.261 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW022732.D
 Acq: 02 May 2022 11:10

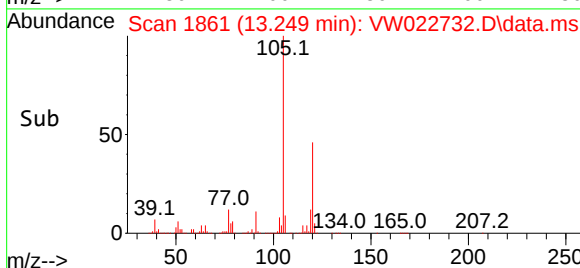
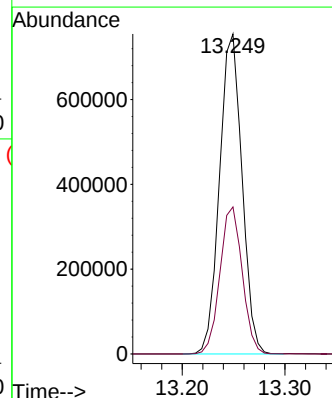
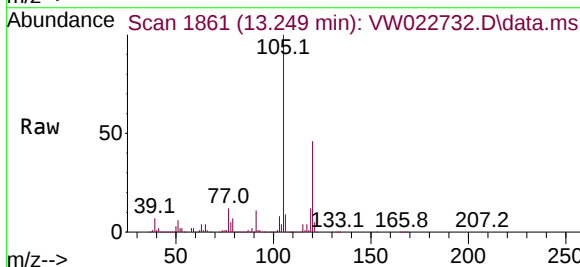
Instrument :
 MSVOA_W
 ClientSampleId :

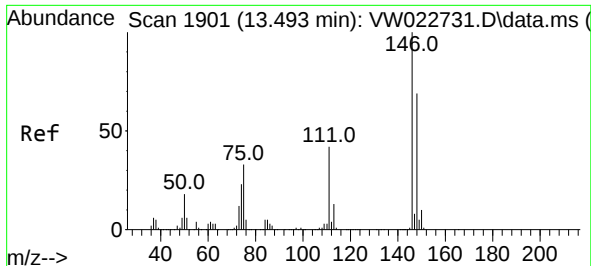
Tgt Ion:105 Resp: 759798
 Ion Ratio Lower Upper
 105 100
 120 49.7 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 50.413 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW022732.D
 Acq: 02 May 2022 11:10

Tgt Ion:105 Resp: 1144296
 Ion Ratio Lower Upper
 105 100
 120 45.6 37.4 56.2

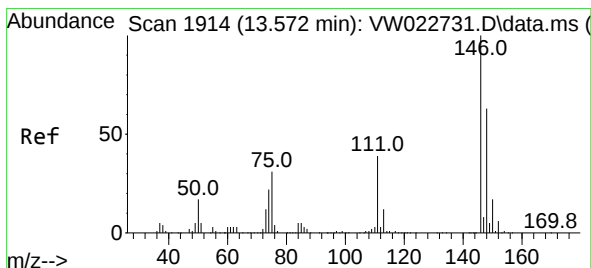
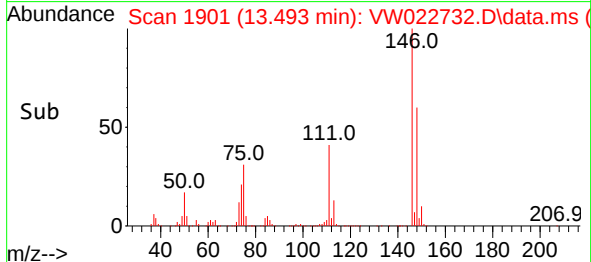
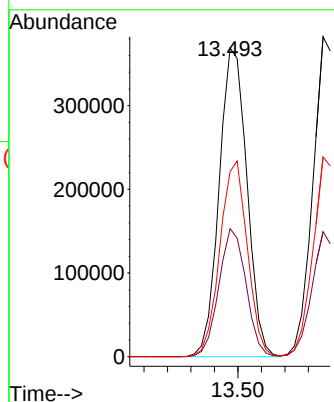
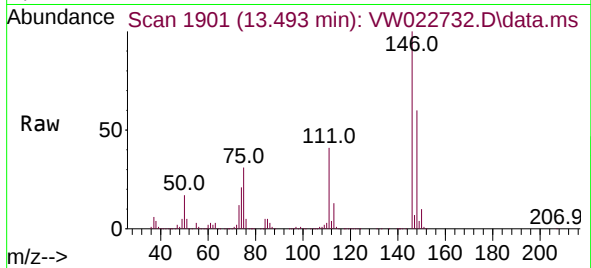




#64
1,3-Dichlorobenzene
Concen: 50.004 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

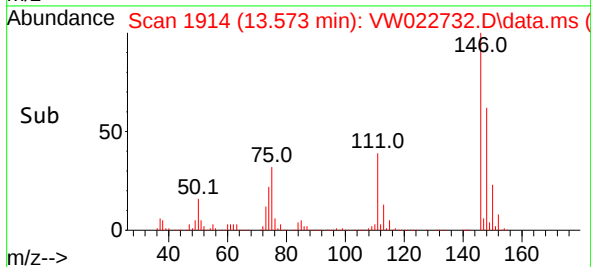
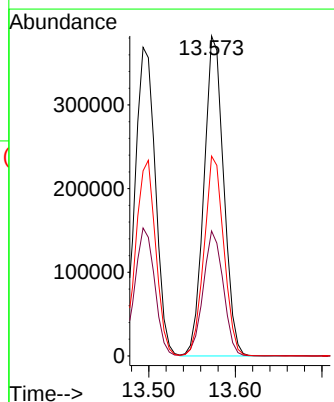
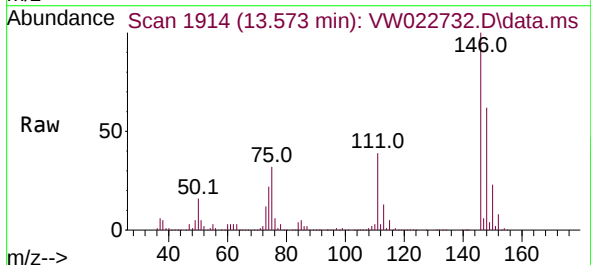
Instrument :
MSVOA_W
ClientSampleId :

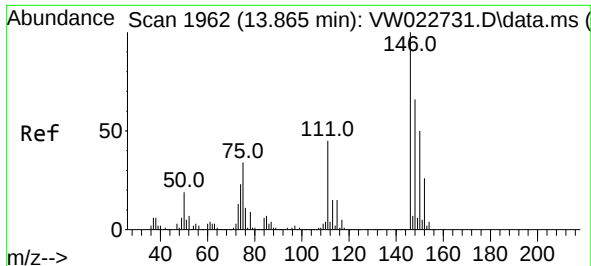
Tgt Ion:146 Resp: 606627
Ion Ratio Lower Upper
146 100
111 41.5 29.5 54.9
148 60.0 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 48.288 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022732.D
Acq: 02 May 2022 11:10

Tgt Ion:146 Resp: 605089
Ion Ratio Lower Upper
146 100
111 39.1 27.2 50.4
148 62.4 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 50.025 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

Instrument :

MSVOA_W

ClientSampleId :

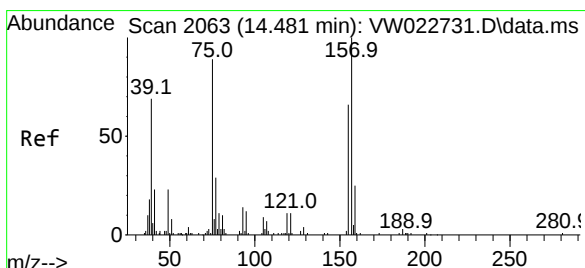
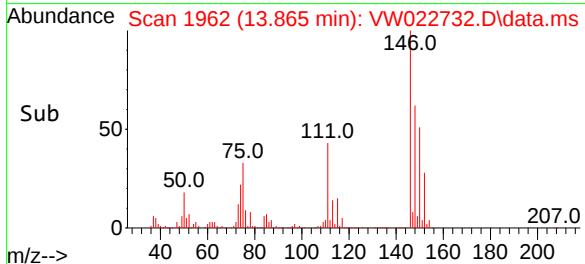
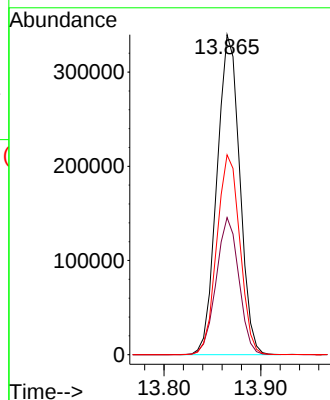
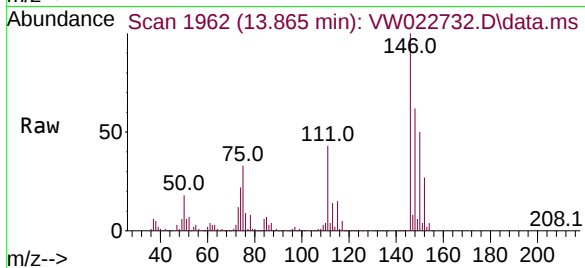
Tgt Ion:146 Resp: 555343

Ion Ratio Lower Upper

146 100

111 42.9 35.7 53.5

148 62.5 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 45.520 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

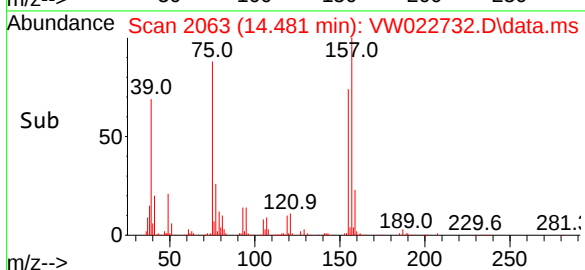
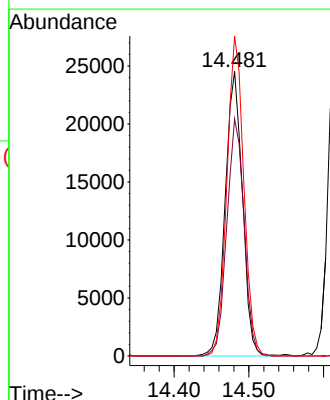
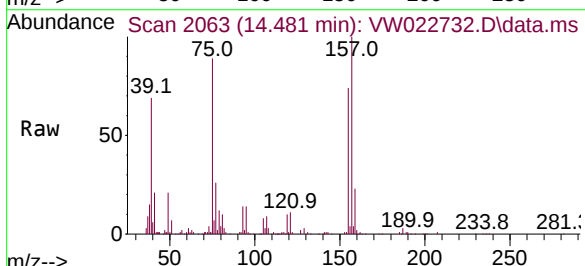
Tgt Ion: 75 Resp: 39426

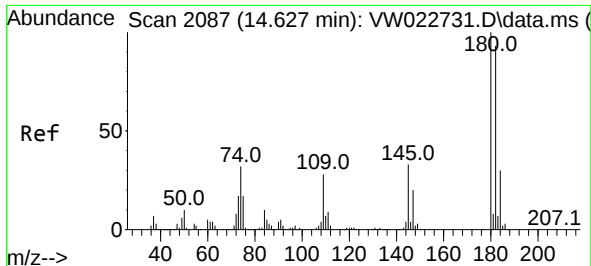
Ion Ratio Lower Upper

75 100

155 83.3 59.3 88.9

157 112.5 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 48.988 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

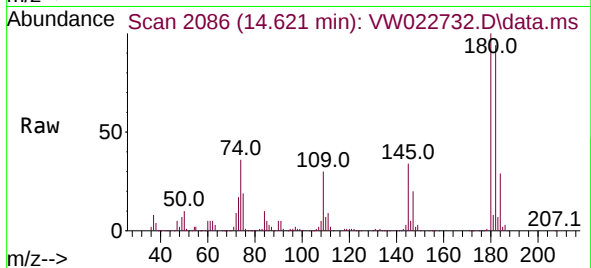
Lab File: VW022732.D

Acq: 02 May 2022 11:10

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 394495

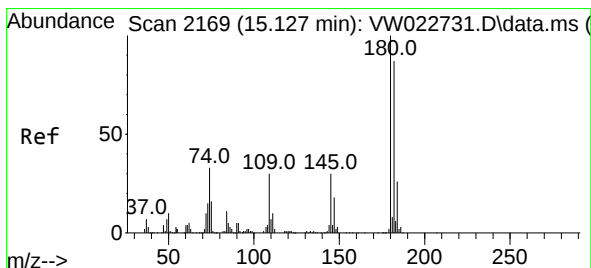
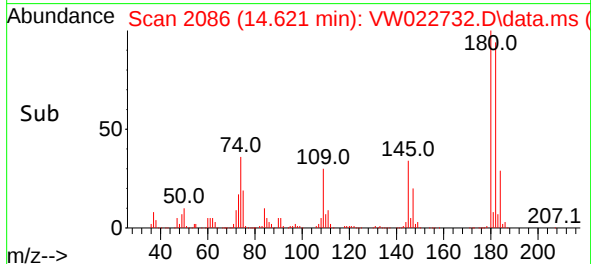
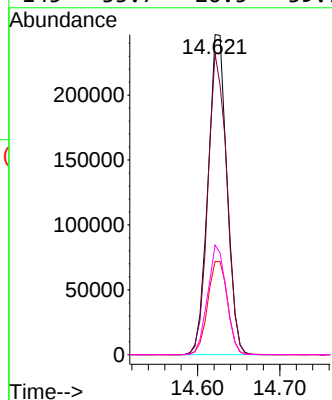
Ion Ratio Lower Upper

180 100

182 93.8 74.8 112.2

184 30.5 23.4 35.2

145 33.7 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 52.467 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

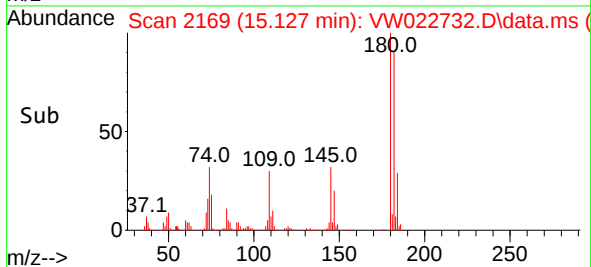
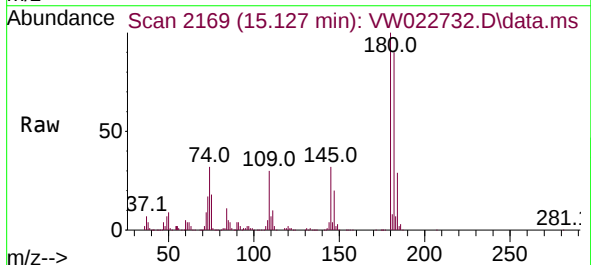
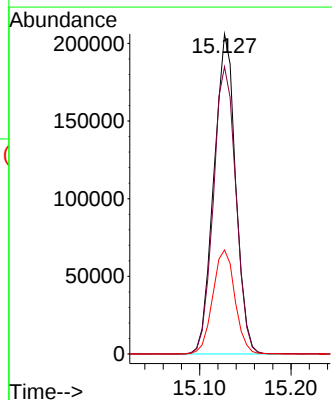
Tgt Ion:180 Resp: 339868

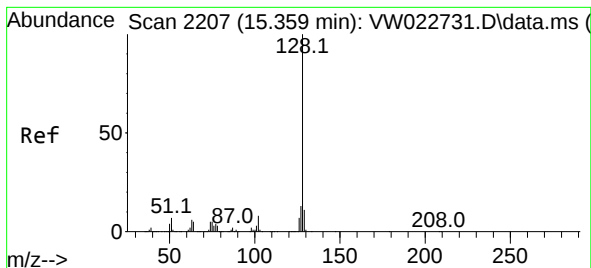
Ion Ratio Lower Upper

180 100

182 93.2 74.9 112.3

145 33.2 26.6 39.8





#71

Naphthalene

Concen: 54.200 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

Instrument :

MSVOA_W

ClientSampleId :

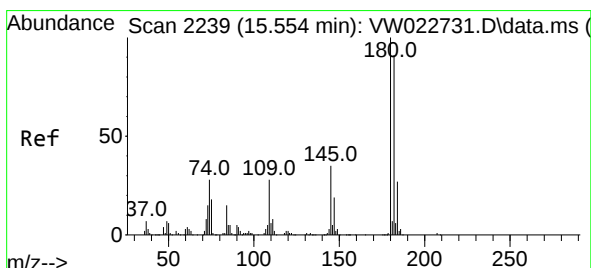
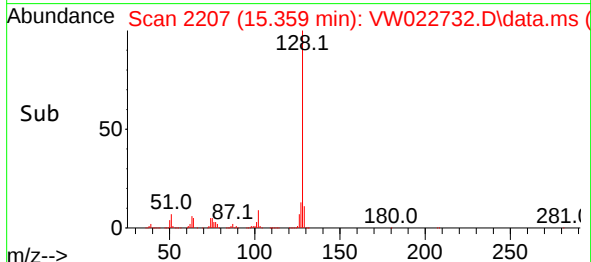
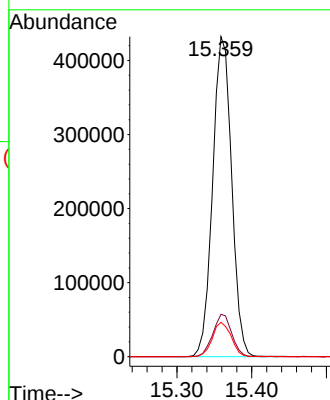
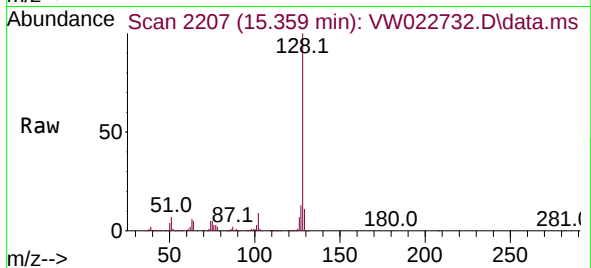
Tgt Ion:128 Resp: 763095

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 51.450 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW022732.D

Acq: 02 May 2022 11:10

Tgt Ion:180 Resp: 295388

Ion Ratio Lower Upper

180 100

182 91.9 73.5 110.3

145 34.8 27.9 41.9

