

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042022\
 Data File : VW022582.D
 Acq On : 20 Apr 2022 09:49
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 21 01:12:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 20 01:25:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	341631	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	338942	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	186330	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	164902	21.834	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.320%
7) Chloroethane-d5	2.892	69	113157	23.907	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.640%
11) 1,1-Dichloroethene-d2	4.026	63	252729	25.800	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.200%
21) 2-Butanone-d5	7.086	46	53894	40.874	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.740%
24) Chloroform-d	7.653	84	271967	25.469	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.880%
26) 1,2-Dichloroethane-d4	8.305	65	139871	22.925	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.720%
32) Benzene-d6	8.275	84	514671	24.854	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	9.275	67	145645	24.304	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.200%
41) Toluene-d8	10.323	98	509342	25.114	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.440%
43) trans-1,3-Dichloroprop...	10.573	79	61783	21.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.400%
47) 2-Hexanone-d5	10.921	63	45845	41.118	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.240%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	115691	22.705	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	174569	26.451	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	28780	17.185	ug/L #	89
3) Chloromethane	2.221	50	79801	19.112	ug/L	99
5) Vinyl chloride	2.367	62	185558	21.298	ug/L	96
6) Bromomethane	2.788	94	109273	20.632	ug/L	98
8) Chloroethane	2.928	64	91831	24.076	ug/L	99
9) Trichlorofluoromethane	3.263	101	99517	30.939	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	138047	26.952	ug/L #	52
12) 1,1-Dichloroethene	4.044	96	124007	26.959	ug/L	93
13) Acetone	4.123	43	39863	44.403	ug/L	92
14) Carbon disulfide	4.391	76	312315	20.639	ug/L	99
15) Methyl Acetate	4.672	43	46729	20.742	ug/L	92
16) Methylene chloride	4.922	84	128890	25.073	ug/L	88
17) trans-1,2-Dichloroethene	5.428	96	135471	25.141	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	216811	24.636	ug/L	96
19) 1,1-Dichloroethane	6.220	63	240147	24.425	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	151480	26.617	ug/L #	87
22) 2-Butanone	7.171	43	62380	46.006	ug/L	96
23) Bromochloromethane	7.519	128	65465	26.728	ug/L	89
25) Chloroform	7.677	83	269197	25.995	ug/L	99

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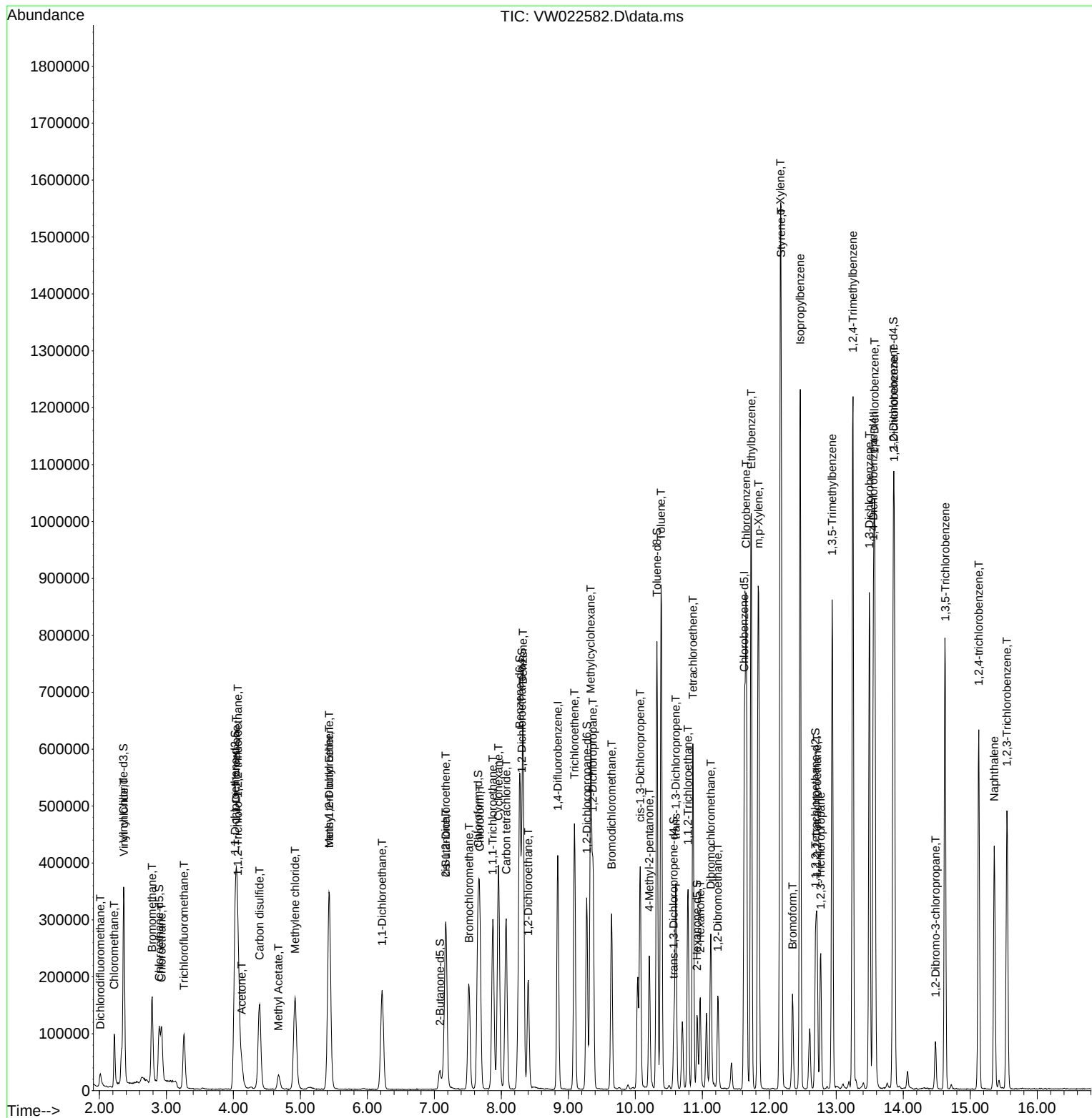
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	169666	23.311	ug/L #	94
29) Cyclohexane	7.958	56	209843	21.631	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	236224	25.125	ug/L	97
31) Carbon tetrachloride	8.074	117	216695	25.679	ug/L	97
33) Benzene	8.324	78	557347	24.220	ug/L	100
34) Trichloroethene	9.092	95	155865	25.296	ug/L	98
35) Methylcyclohexane	9.336	83	256784	23.229	ug/L	95
37) 1,2-Dichloropropane	9.366	63	133477	24.212	ug/L	100
38) Bromodichloromethane	9.646	83	194245	24.502	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	220463	25.202	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	144889	43.066	ug/L	95
42) Toluene	10.384	91	640396	24.286	ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	188581	24.076	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	106263	25.256	ug/L	96
46) Tetrachloroethene	10.860	164	118124	26.081	ug/L	91
48) 2-Hexanone	10.969	43	98196	41.371	ug/L	95
49) Dibromochloromethane	11.128	129	136942	27.291	ug/L	96
50) 1,2-Dibromoethane	11.232	107	103870	25.001	ug/L	99
51) Chlorobenzene	11.652	112	424529	26.345	ug/L	96
52) Ethylbenzene	11.731	91	742856	25.133	ug/L	97
53) m,p-Xylene	11.841	106	294926	26.243	ug/L	88
54) o-Xylene	12.164	106	279056	25.984	ug/L	97
55) Styrene	12.177	104	475367	25.908	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	124467	24.102	ug/L	99
59) Bromoform	12.347	173	70251	25.373	ug/L #	96
60) Isopropylbenzene	12.463	105	787202	25.433	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	91721	23.141	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	456163	26.798	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	661893	25.570	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	334533	26.631	ug/L	94
65) 1,4-Dichlorobenzene	13.573	146	329148	26.273	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	301220	26.812	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	20352	22.139	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.627	180	220018	26.844	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	177040	25.720	ug/L	96
71) Naphthalene	15.359	128	352842	24.303	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	147483	25.066	ug/L	92

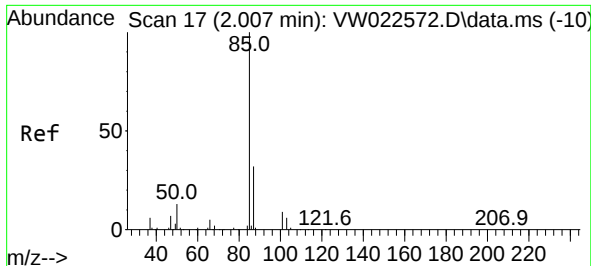
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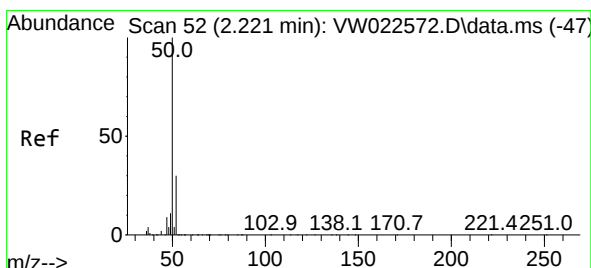
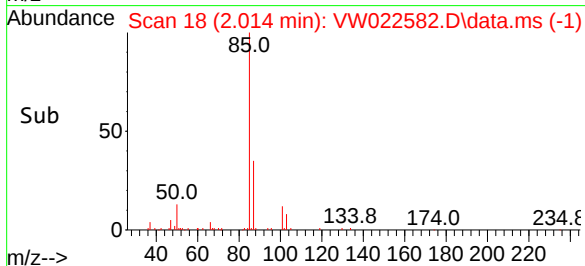
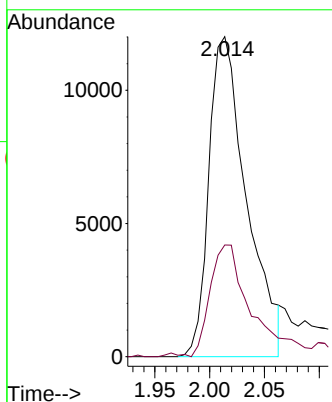
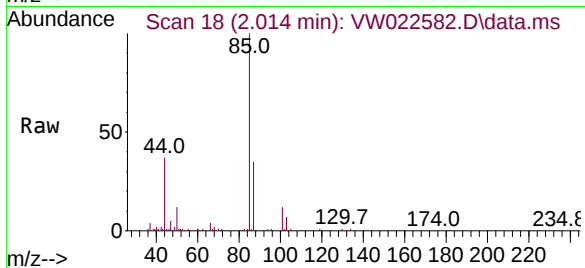




#2
Dichlorodifluoromethane
Concen: 17.185 ug/L
RT: 2.014 min Scan# 17
Delta R.T. 0.007 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

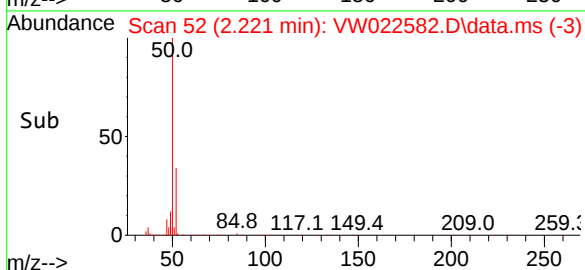
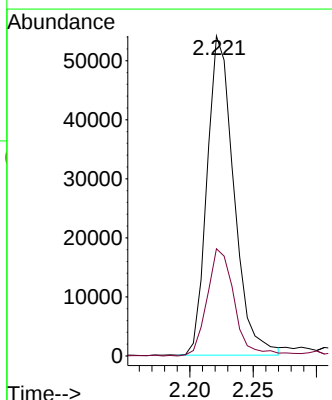
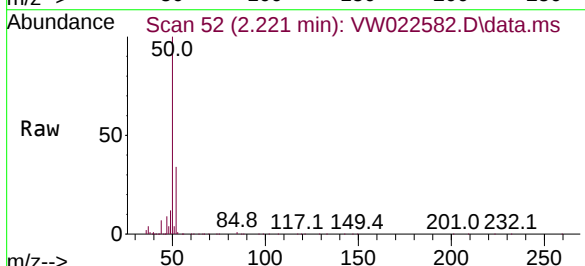
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MSVOA_W
ClientSampleId :

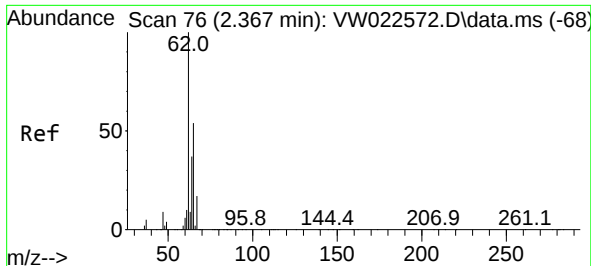
Tgt Ion: 85 Resp: 28780
Ion Ratio Lower Upper
85 100
87 35.8 23.7 35.5#



#3
Chloromethane
Concen: 19.112 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

Tgt Ion: 50 Resp: 79801
Ion Ratio Lower Upper
50 100
52 33.5 23.0 42.6

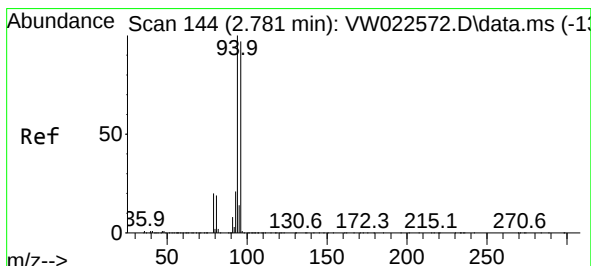
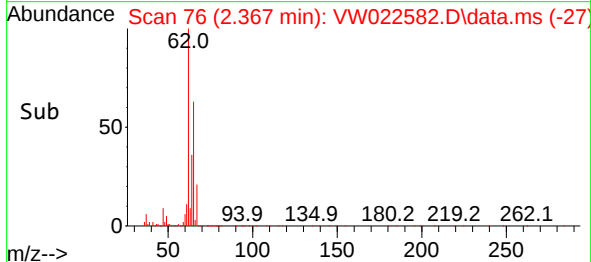
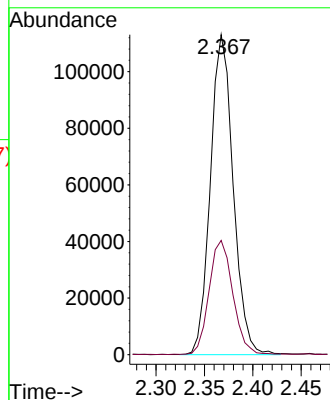
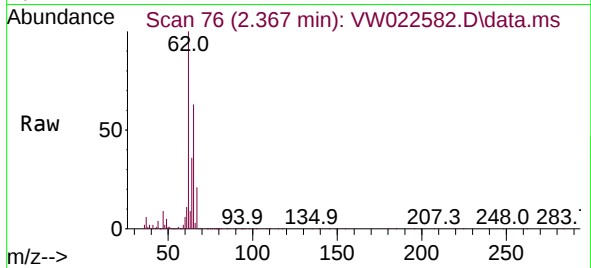




#5
 Vinyl chloride
 Concen: 21.298 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW022582.D
 Acq: 20 Apr 2022 09:49

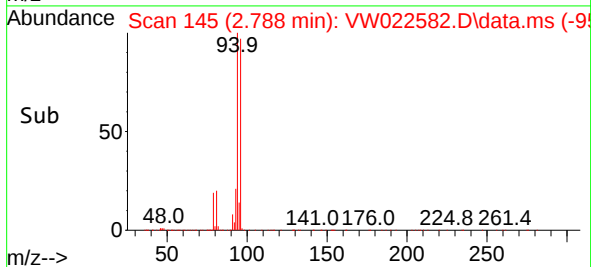
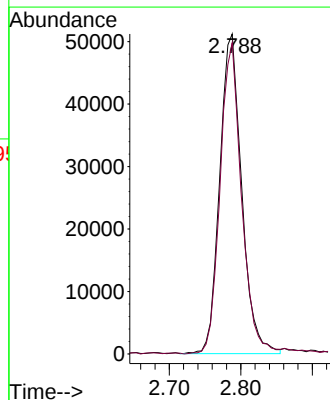
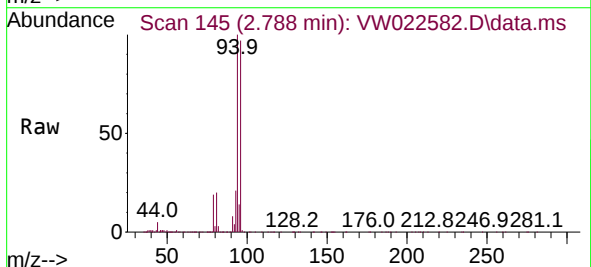
Instrument :
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 ClientSampleId :

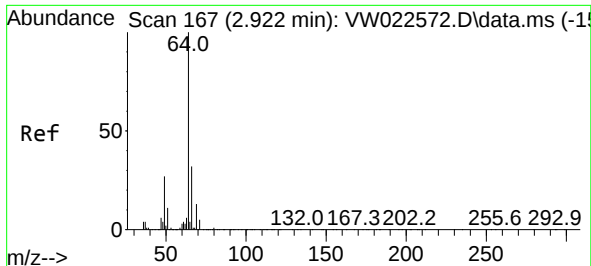
Tgt Ion: 62 Resp: 185558
 Ion Ratio Lower Upper
 62 100
 64 35.7 26.5 49.3



#6
 Bromomethane
 Concen: 20.632 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.007 min
 Lab File: VW022582.D
 Acq: 20 Apr 2022 09:49

Tgt Ion: 94 Resp: 109273
 Ion Ratio Lower Upper
 94 100
 96 97.2 66.6 123.6

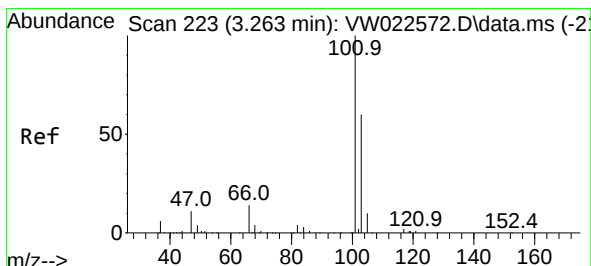
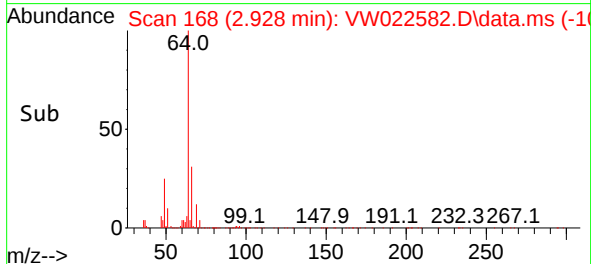
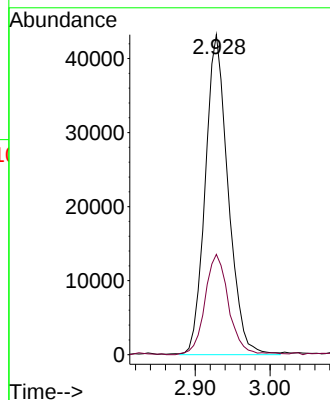
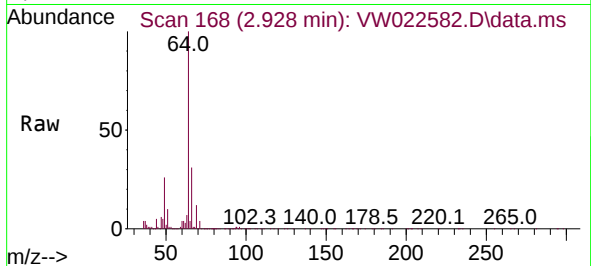




#8
Chloroethane
Concen: 24.076 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.007 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

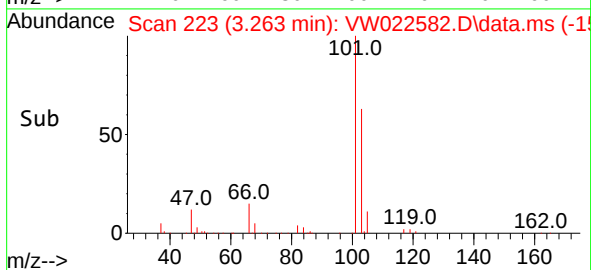
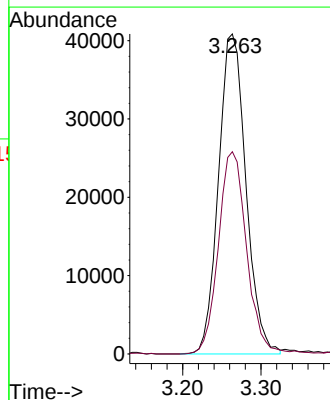
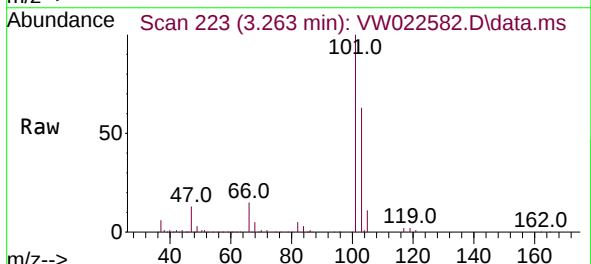
Instrument :
MSVOA_W
ClientSampleId :

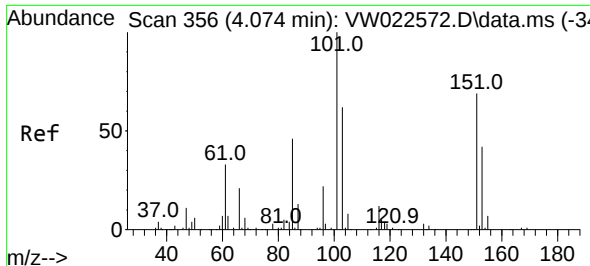
Tgt Ion: 64 Resp: 91831
Ion Ratio Lower Upper
64 100
66 31.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 30.939 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

Tgt Ion: 101 Resp: 99517
Ion Ratio Lower Upper
101 100
103 64.7 52.0 78.0

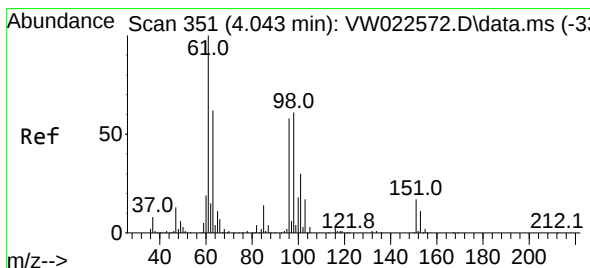
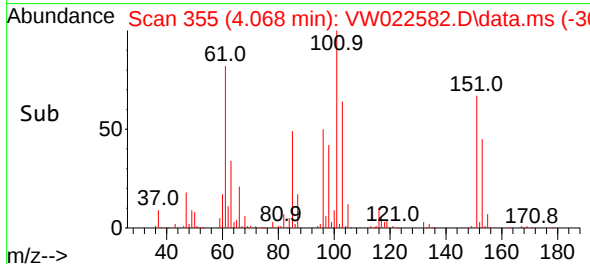
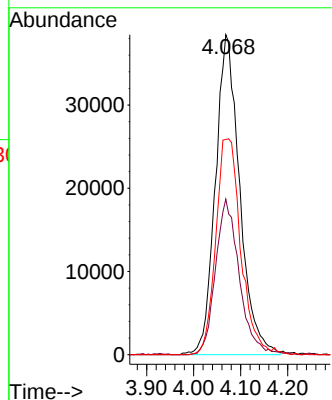
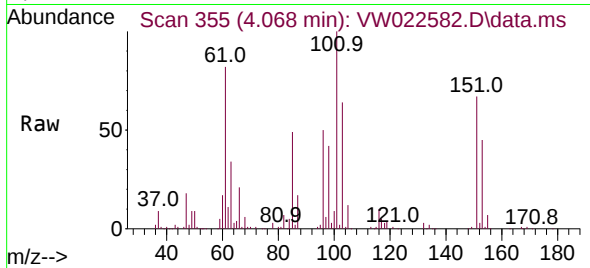




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.952 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW022582.D
 Acq: 20 Apr 2022 09:49

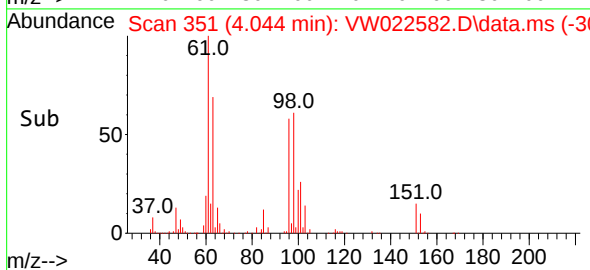
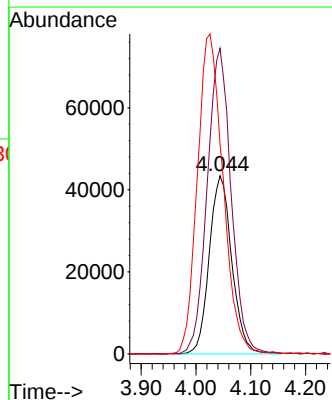
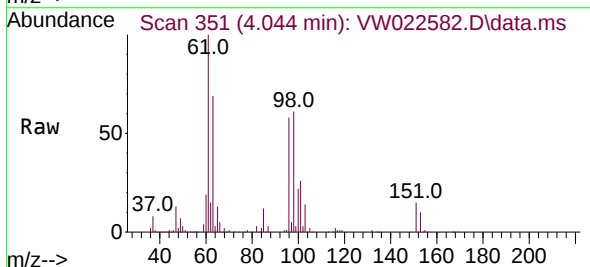
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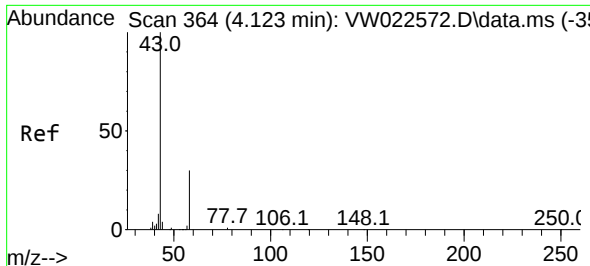
Tgt Ion:101 Resp: 138047
 Ion Ratio Lower Upper
 101 100
 85 47.4 39.2 58.8
 151 0.0 52.2 78.4#



#12
 1,1-Dichloroethene
 Concen: 26.959 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW022582.D
 Acq: 20 Apr 2022 09:49

Tgt Ion: 96 Resp: 124007
 Ion Ratio Lower Upper
 96 100
 61 171.6 128.0 237.6
 63 117.9 86.6 160.8

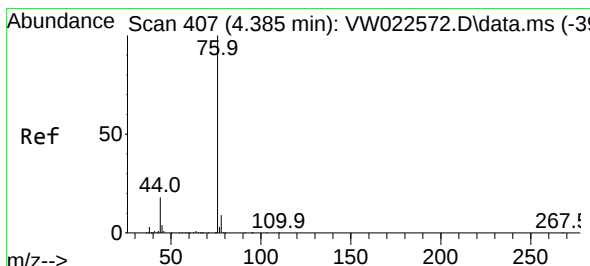
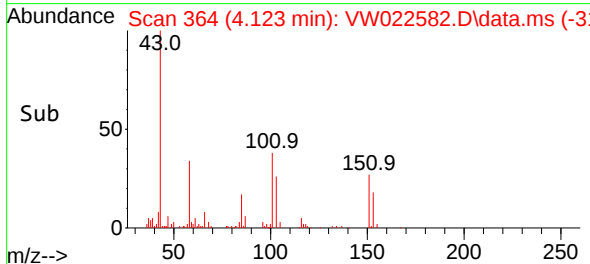
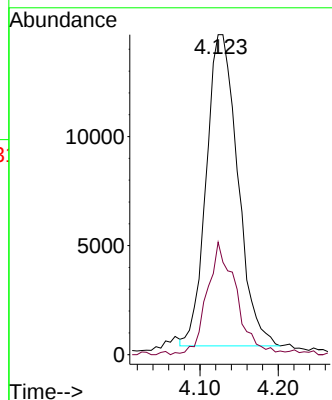
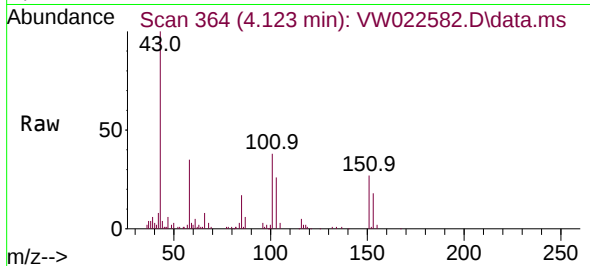




#13
Acetone
Concen: 44.403 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

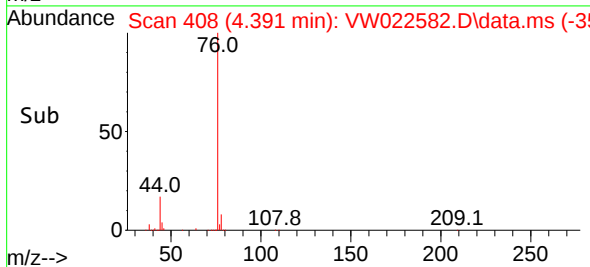
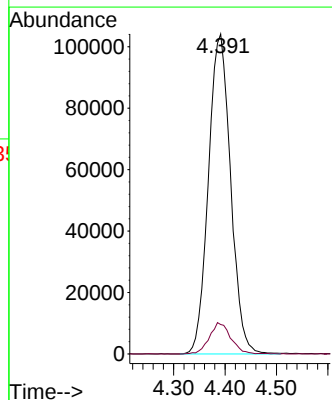
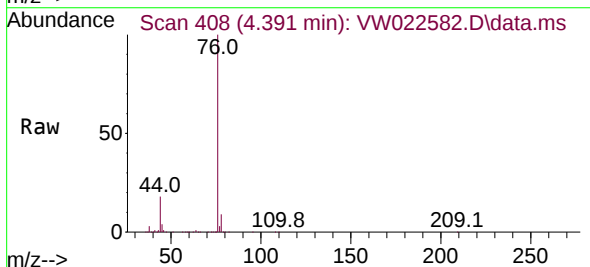
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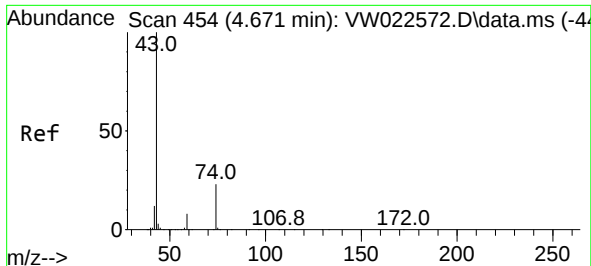
Tgt Ion: 43 Resp: 39863
Ion Ratio Lower Upper
43 100
58 32.6 0.0 57.0



#14
Carbon disulfide
Concen: 20.639 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.007 min
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Tgt Ion: 76 Resp: 312315
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

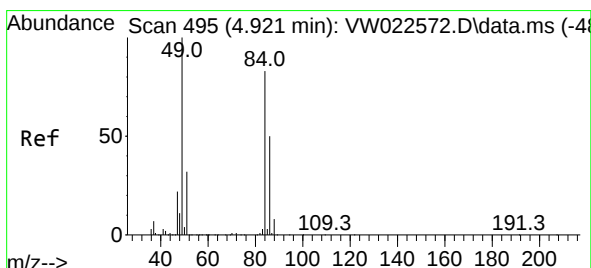
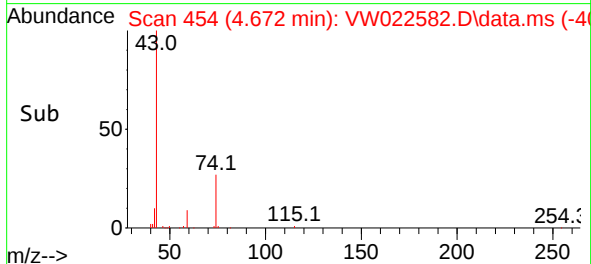
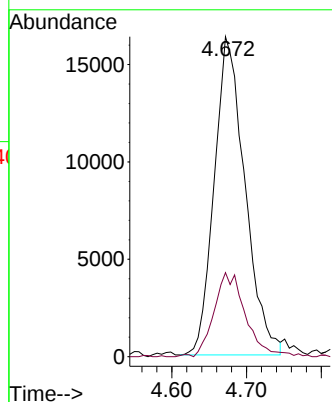
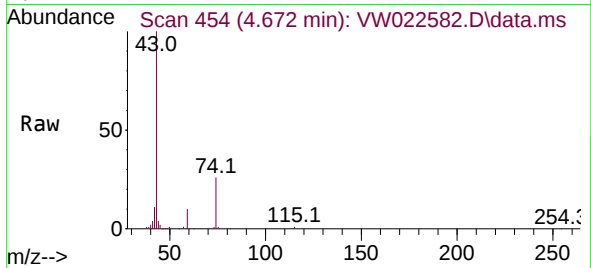




#15
Methyl Acetate
Concen: 20.742 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

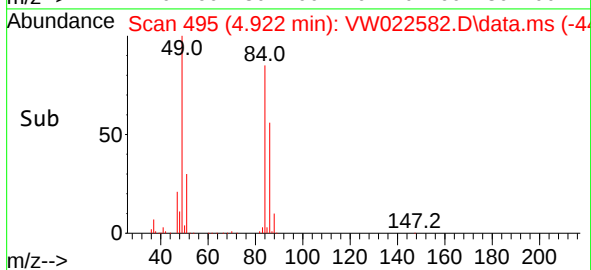
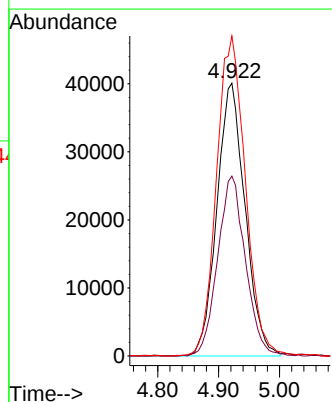
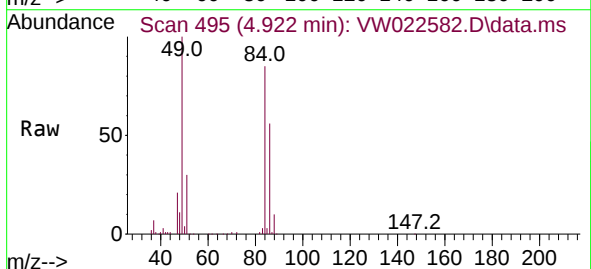
Instrument :
MSVOA_W
ClientSampleId :

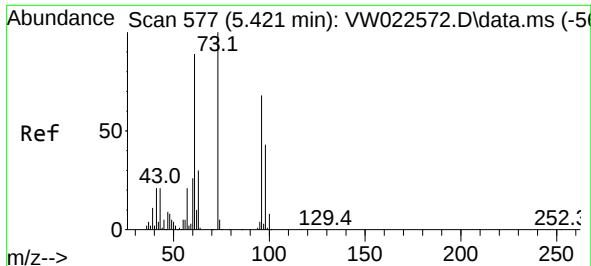
Tgt Ion: 43 Resp: 46729
Ion Ratio Lower Upper
43 100
74 27.1 18.5 27.7



#16
Methylene chloride
Concen: 25.073 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

Tgt Ion: 84 Resp: 128890
Ion Ratio Lower Upper
84 100
86 65.9 42.8 79.4
49 117.3 94.2 175.0

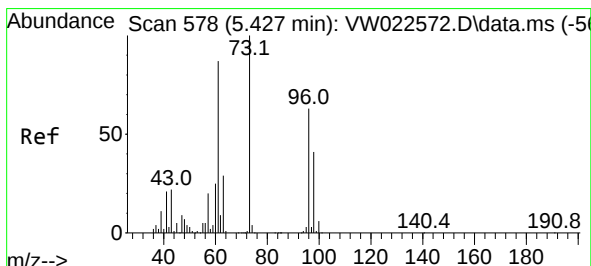
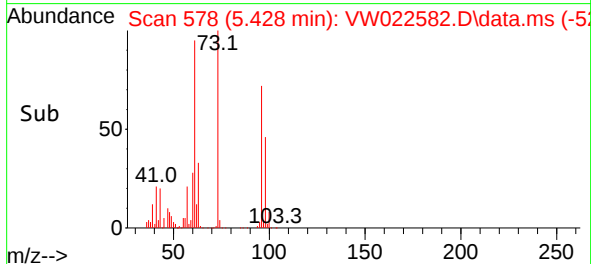
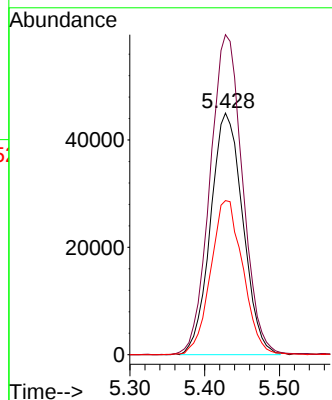
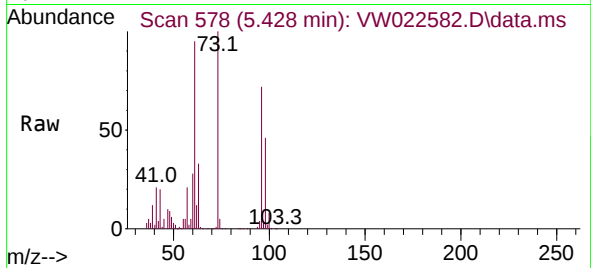




#17
trans-1,2-Dichloroethene
Concen: 25.141 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.007 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

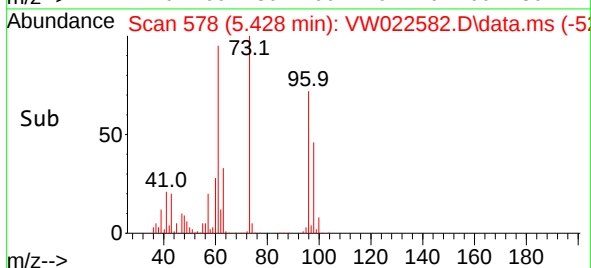
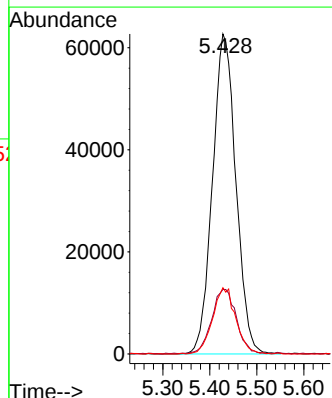
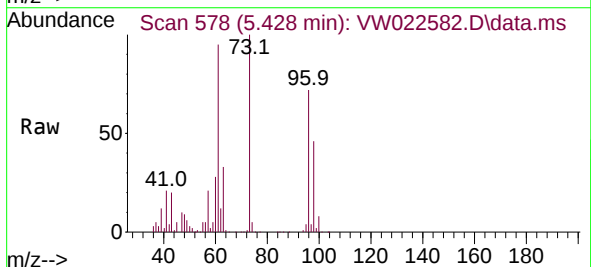
Instrument :
MSVOA_W
ClientSampleId :

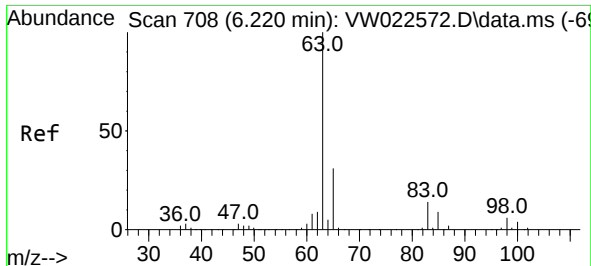
Tgt Ion: 96 Resp: 135471
Ion Ratio Lower Upper
96 100
61 132.4 99.8 185.4
98 63.8 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 24.636 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

Tgt Ion: 73 Resp: 216811
Ion Ratio Lower Upper
73 100
43 21.0 18.8 28.2
57 20.5 17.5 26.3





#19

1,1-Dichloroethane

Concen: 24.425 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

Instrument :

MSVOA_W

ClientSampleId :

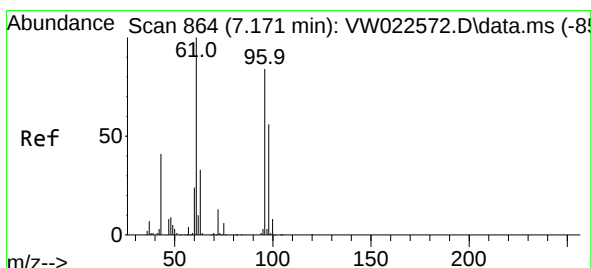
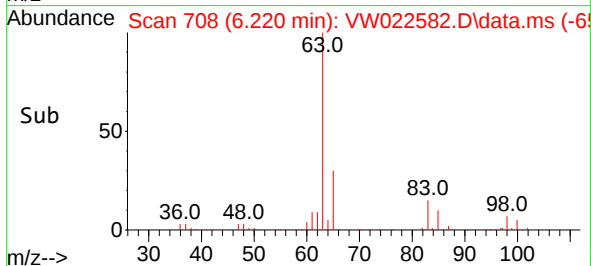
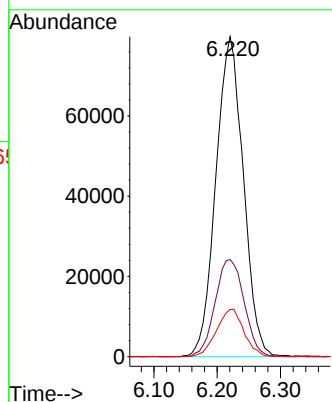
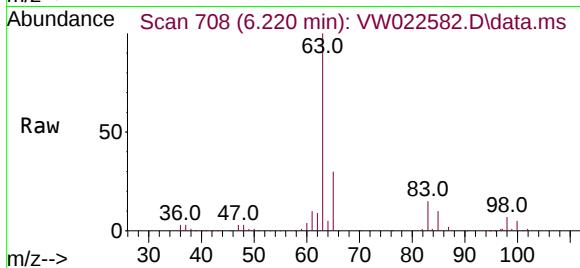
Tgt Ion: 63 Resp: 240147

Ion Ratio Lower Upper

63 100

65 30.4 21.1 39.3

83 14.7 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 26.617 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

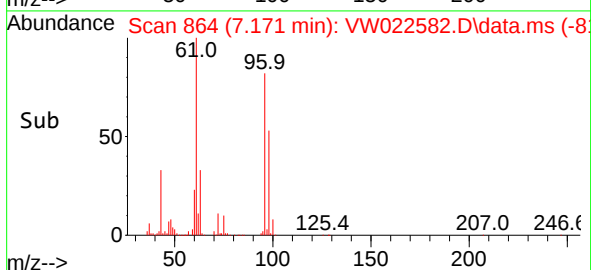
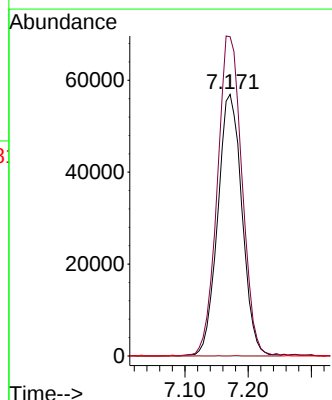
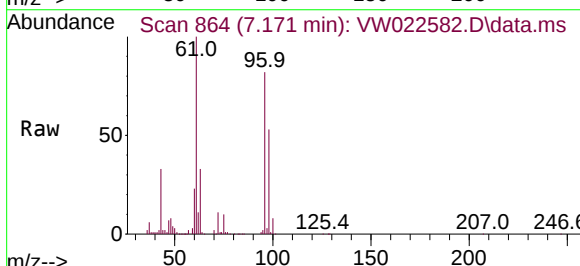
Tgt Ion: 96 Resp: 151480

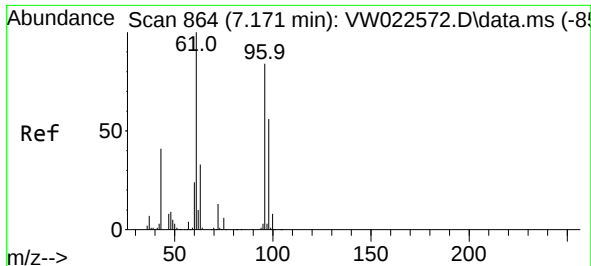
Ion Ratio Lower Upper

96 100

61 122.0 96.4 179.0

68 0.0 0.1 0.3

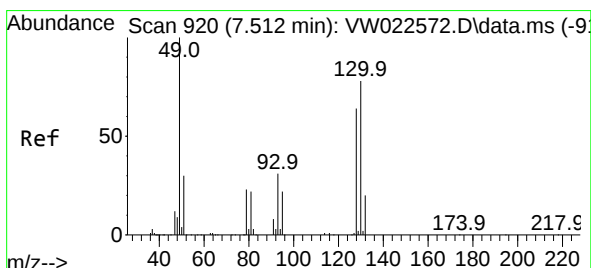
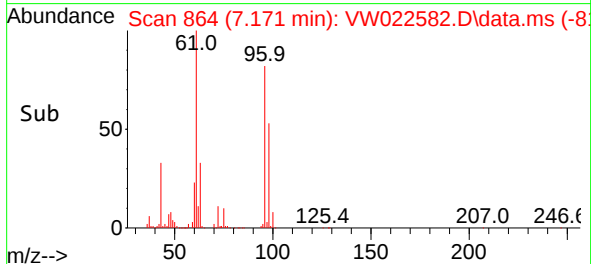
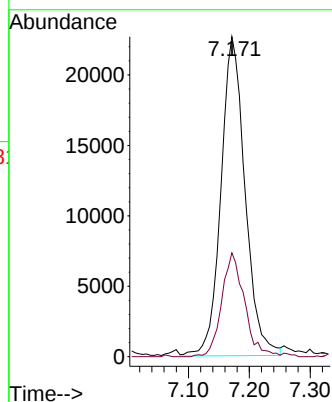
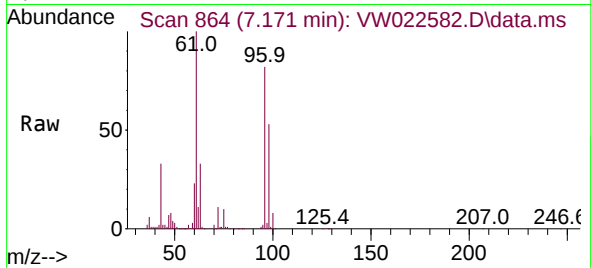




#22
2-Butanone
Concen: 46.006 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

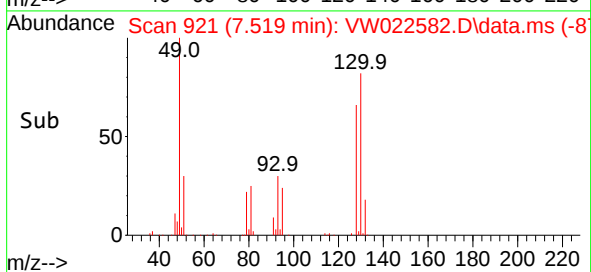
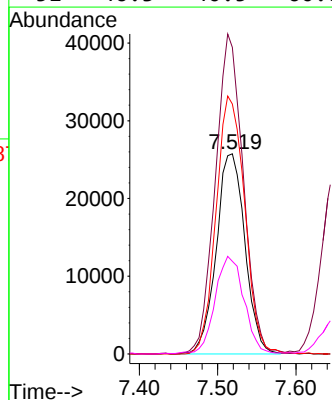
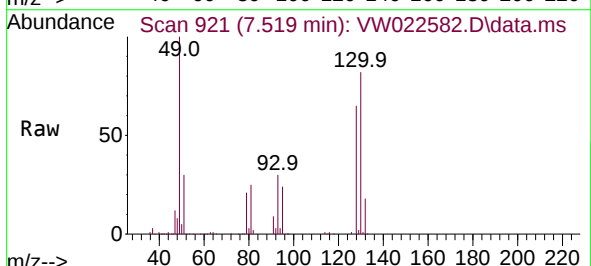
Instrument :
MSVOA_W
ClientSampleId :

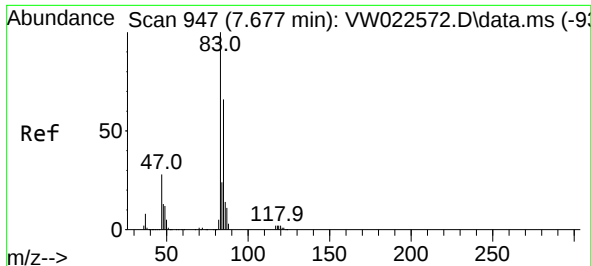
Tgt Ion: 43 Resp: 62380
Ion Ratio Lower Upper
43 100
72 29.9 14.0 42.0



#23
Bromochloromethane
Concen: 26.728 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.007 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

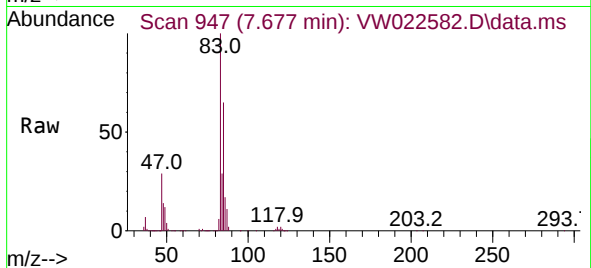
Tgt Ion: 128 Resp: 65465
Ion Ratio Lower Upper
128 100
49 153.1 120.8 224.3
130 124.9 81.8 151.8
51 46.3 40.5 60.7



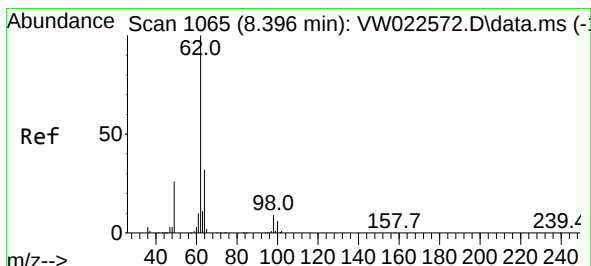
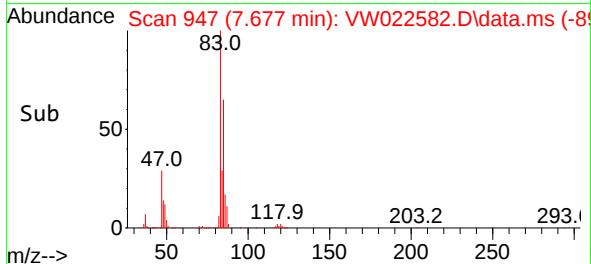
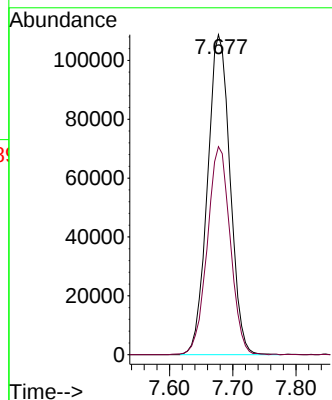


#25
Chloroform
Concen: 25.995 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

Instrument :
MSVOA_W
ClientSampleId :

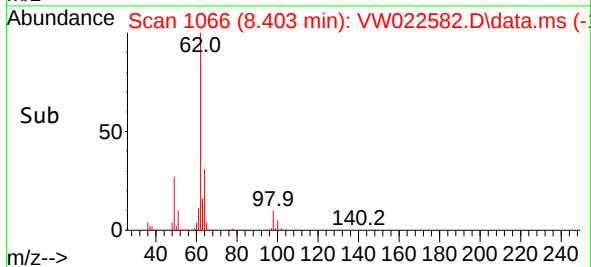
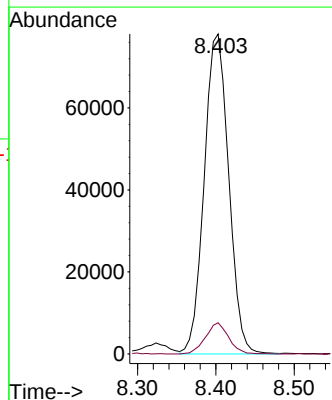
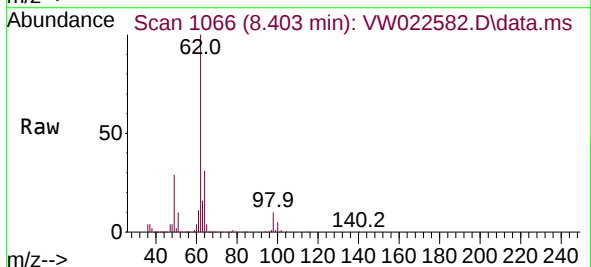


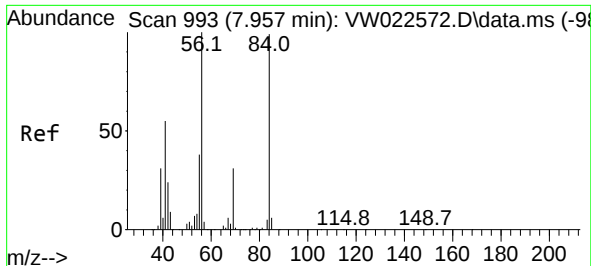
Tgt Ion: 83 Resp: 269197
Ion Ratio Lower Upper
83 100
85 65.0 45.8 85.0



#27
1,2-Dichloroethane
Concen: 23.311 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.007 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

Tgt Ion: 62 Resp: 169666
Ion Ratio Lower Upper
62 100
98 9.7 6.2 9.2#





#29

Cyclohexane

Concen: 21.631 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

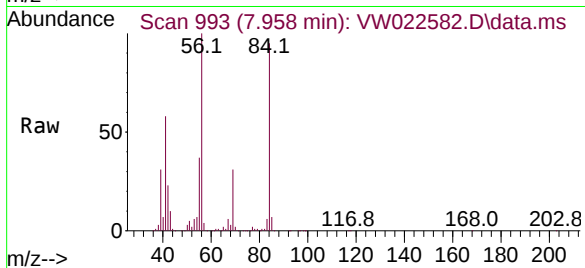
Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

Instrument :

MSVOA_W

ClientSampleId :



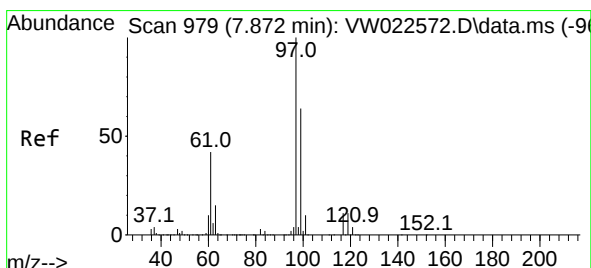
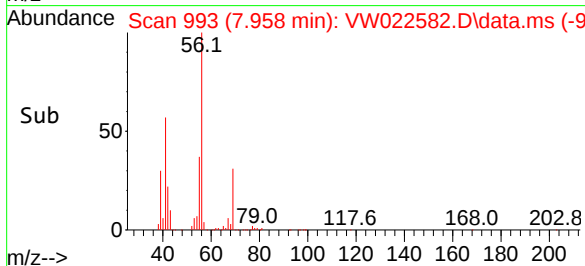
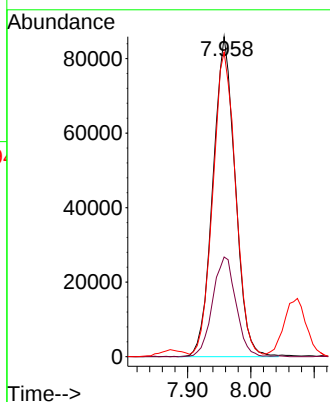
Tgt Ion: 56 Resp: 209843

Ion Ratio Lower Upper

56 100

69 32.5 24.4 36.6

84 97.0 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 25.125 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

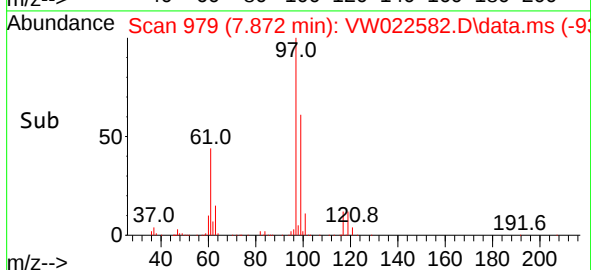
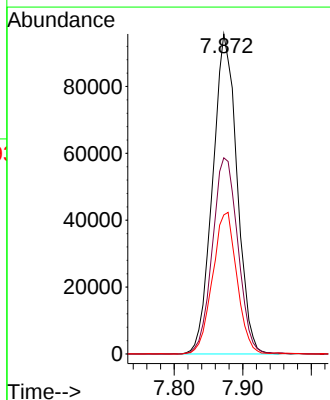
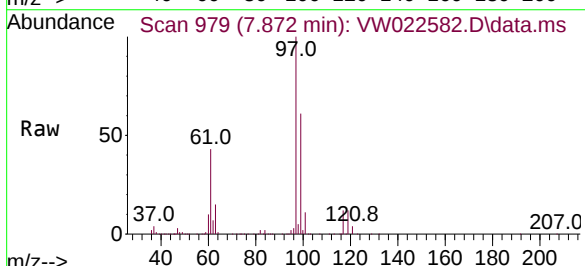
Tgt Ion: 97 Resp: 236224

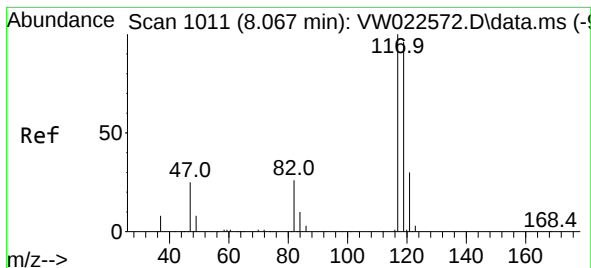
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 44.2 38.7 58.1





#31

Carbon tetrachloride

Concen: 25.679 ug/L

RT: 8.074 min Scan# 1011

Delta R.T. 0.007 min

Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

Instrument :

MSVOA_W

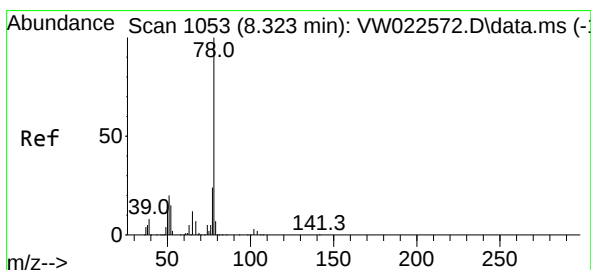
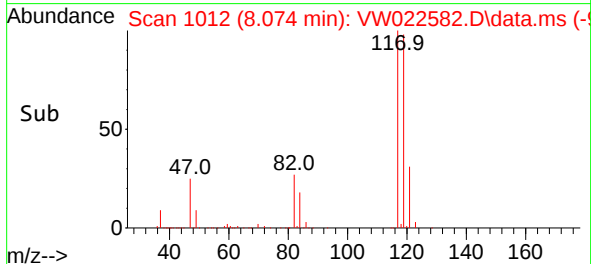
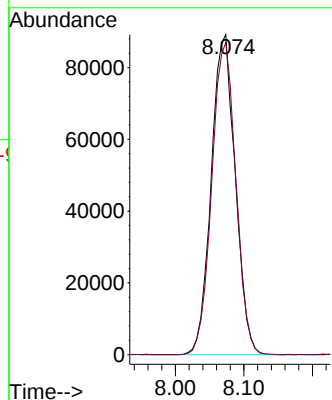
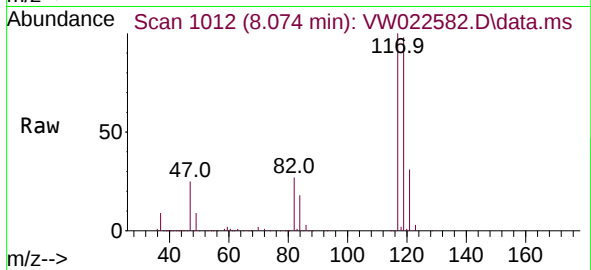
ClientSampleId :

Tgt Ion:117 Resp: 216695

Ion Ratio Lower Upper

117 100

119 97.7 75.5 113.3



#33

Benzene

Concen: 24.220 ug/L

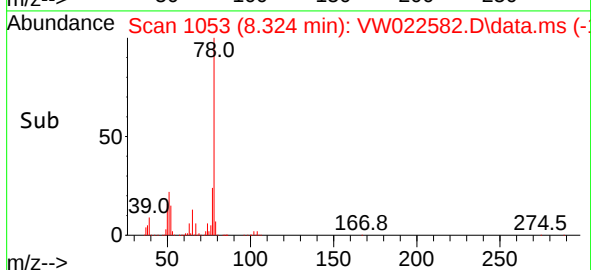
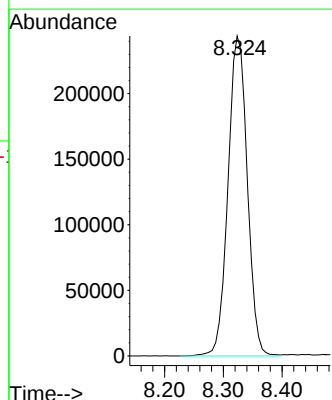
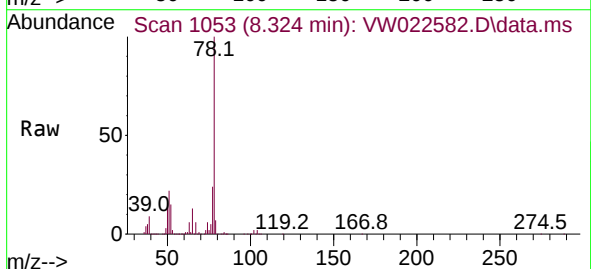
RT: 8.324 min Scan# 1053

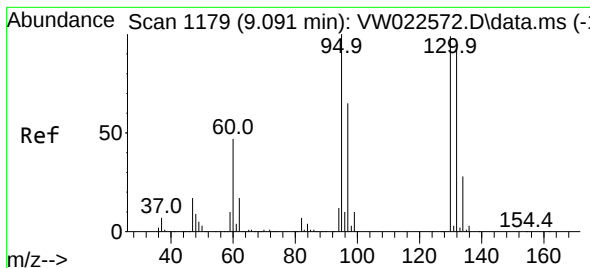
Delta R.T. 0.000 min

Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

Tgt Ion: 78 Resp: 557347





#34

Trichloroethene

Concen: 25.296 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

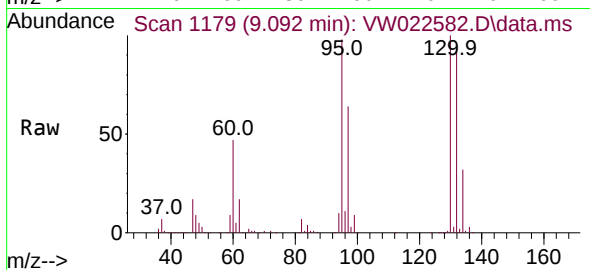
Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 155865

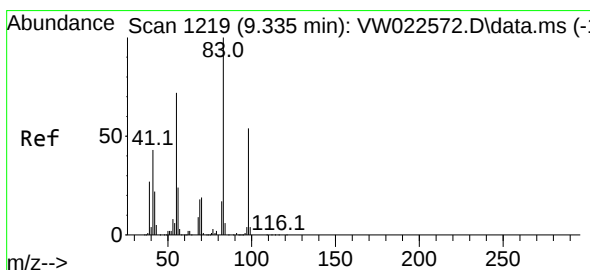
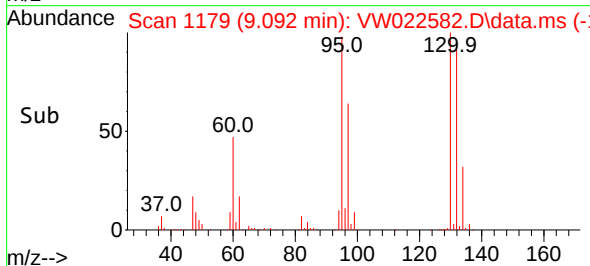
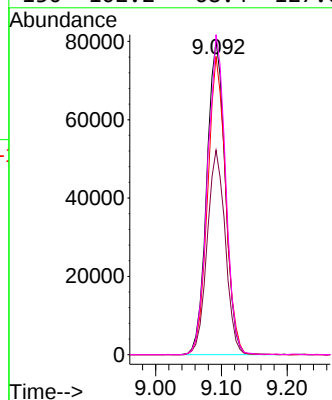
Ion Ratio Lower Upper

95 100

97 65.3 46.4 86.2

132 95.3 67.4 125.2

130 102.2 68.4 127.0



#35

Methylcyclohexane

Concen: 23.229 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

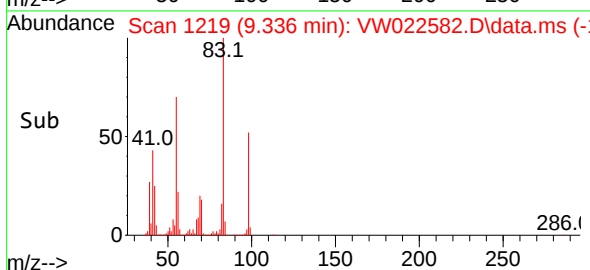
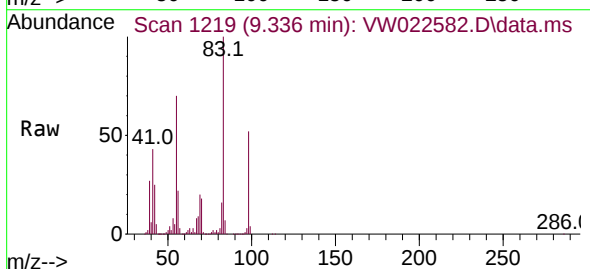
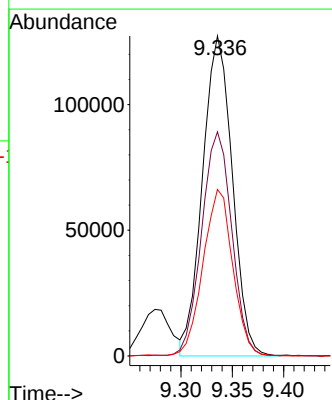
Tgt Ion: 83 Resp: 256784

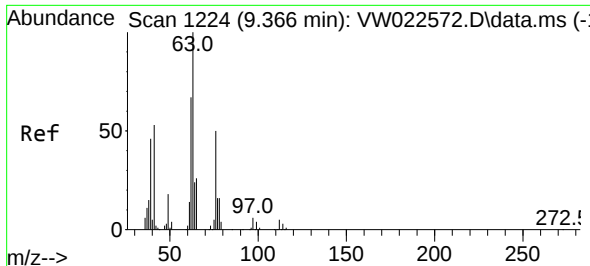
Ion Ratio Lower Upper

83 100

55 71.1 61.0 91.6

98 52.1 39.2 58.8





#37

1,2-Dichloropropane

Concen: 24.212 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

Instrument :

MSVOA_W

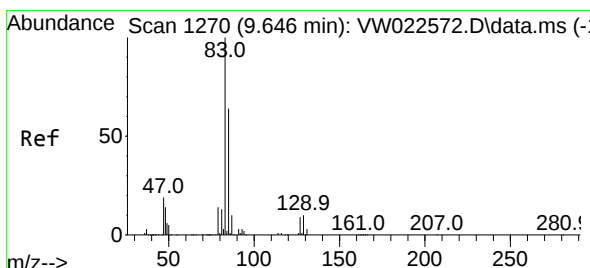
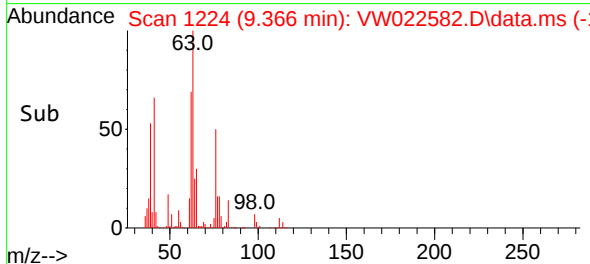
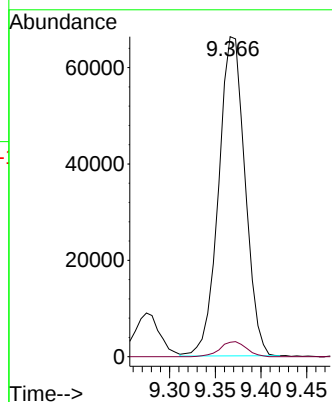
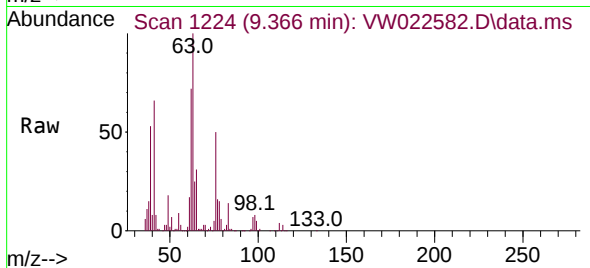
ClientSampleId :

Tgt Ion: 63 Resp: 133477

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 24.502 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

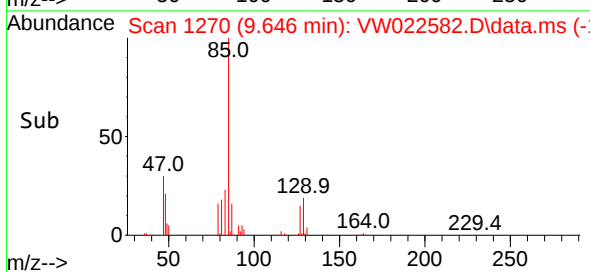
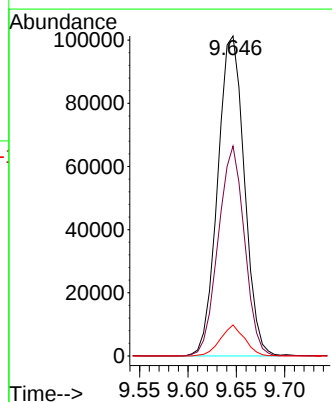
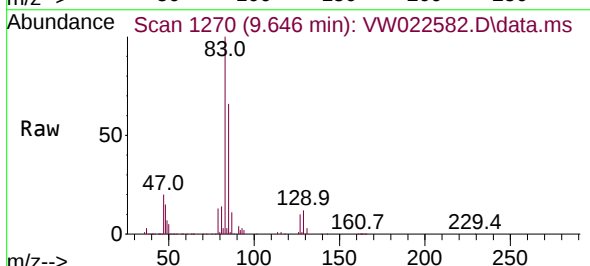
Tgt Ion: 83 Resp: 194245

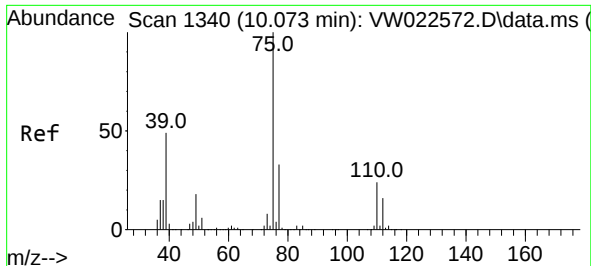
Ion Ratio Lower Upper

83 100

85 65.6 45.2 84.0

127 9.7 6.0 9.0#





#39

cis-1,3-Dichloropropene

Concen: 25.202 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

Instrument :

MSVOA_W

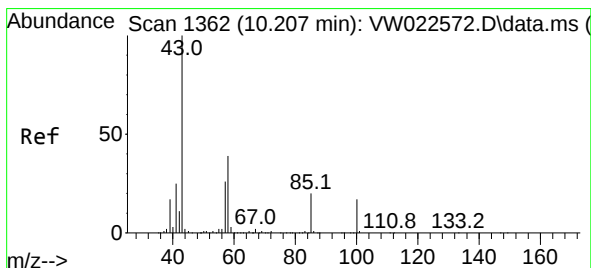
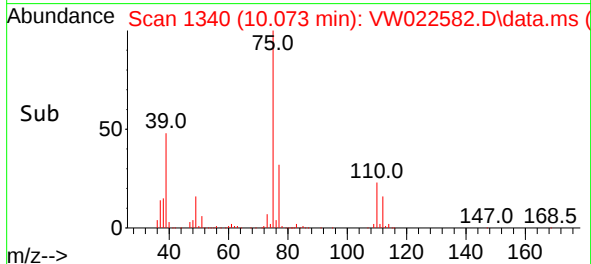
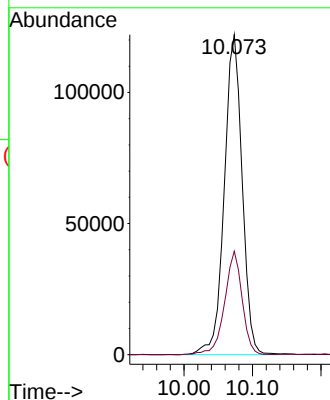
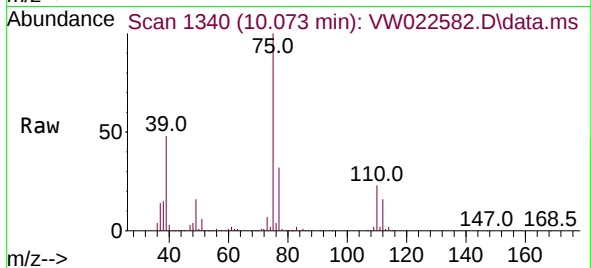
ClientSampleId :

Tgt Ion: 75 Resp: 220463

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 43.066 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

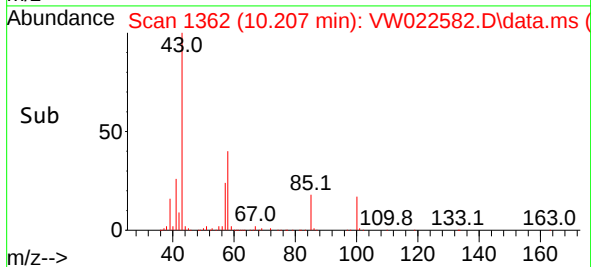
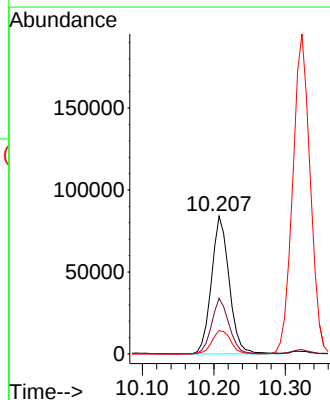
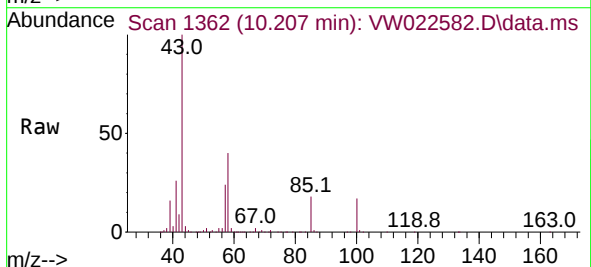
Tgt Ion: 43 Resp: 144889

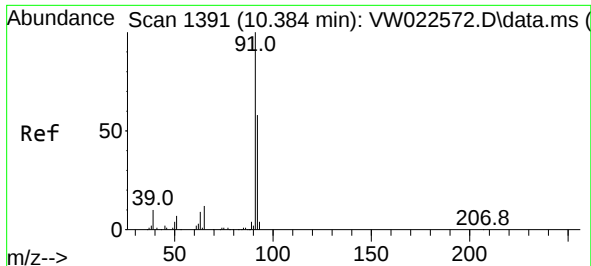
Ion Ratio Lower Upper

43 100

58 39.5 29.3 43.9

100 18.1 12.2 18.4

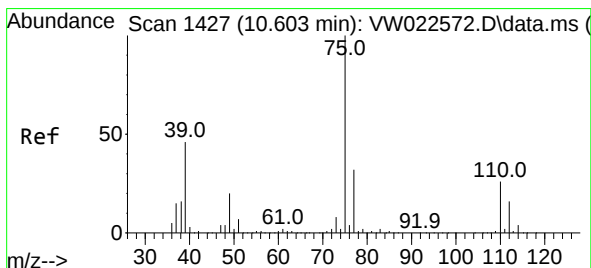
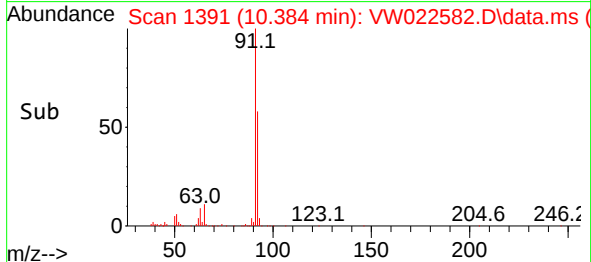
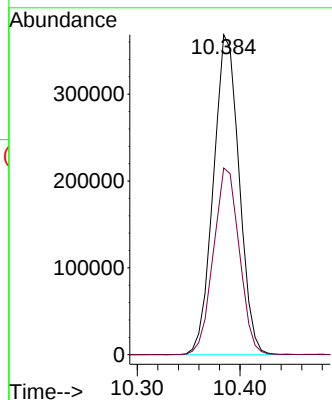
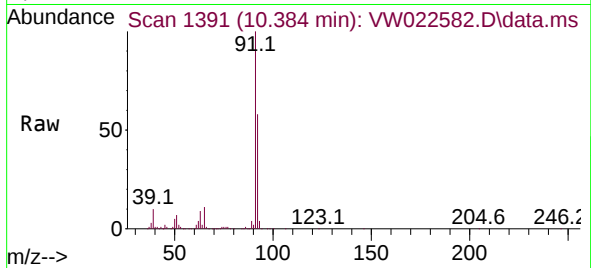




#42
Toluene
Concen: 24.286 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

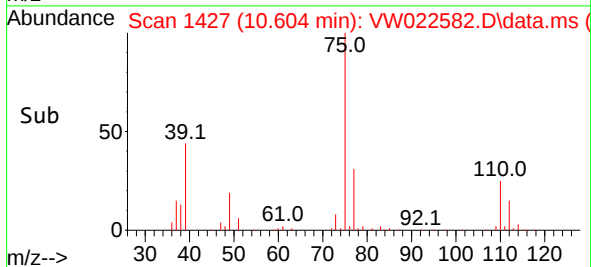
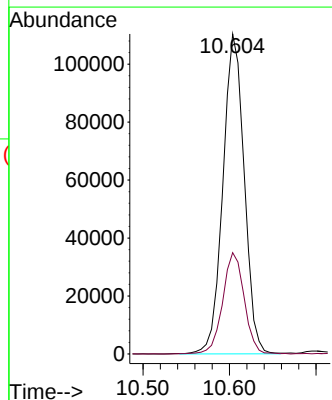
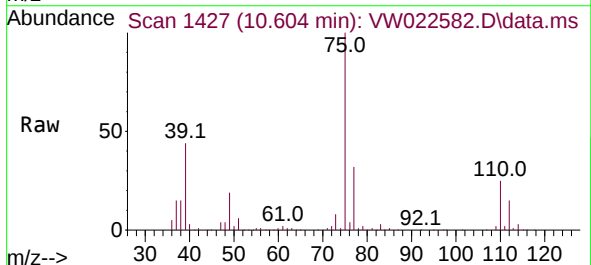
Instrument :
MSVOA_W
ClientSampleId :

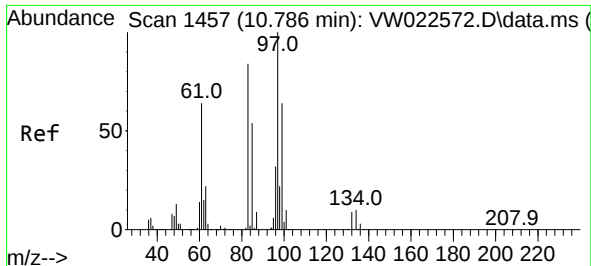
Tgt Ion: 91 Resp: 640396
Ion Ratio Lower Upper
91 100
92 58.4 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 24.076 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

Tgt Ion: 75 Resp: 188581
Ion Ratio Lower Upper
75 100
77 31.7 21.3 39.6

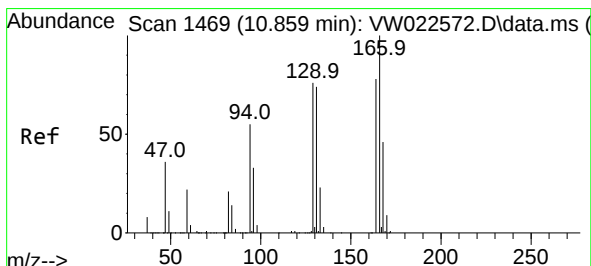
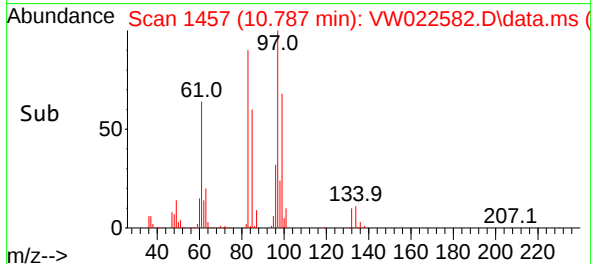
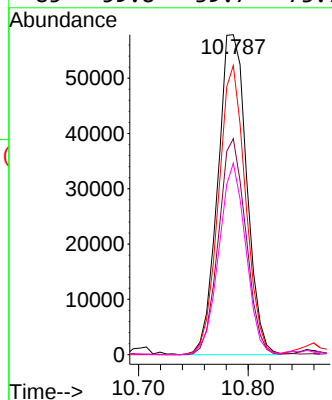
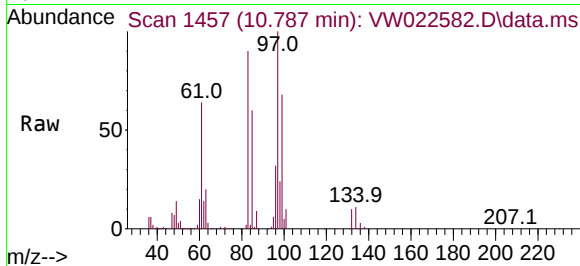




#45
1,1,2-Trichloroethane
Concen: 25.256 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

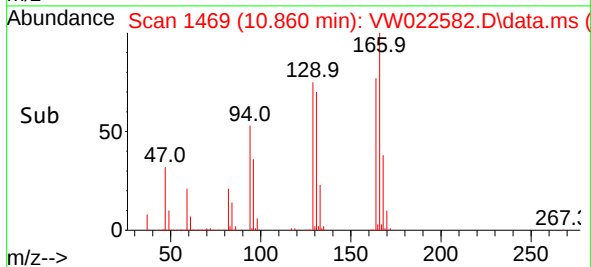
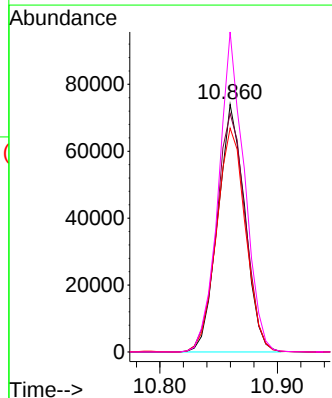
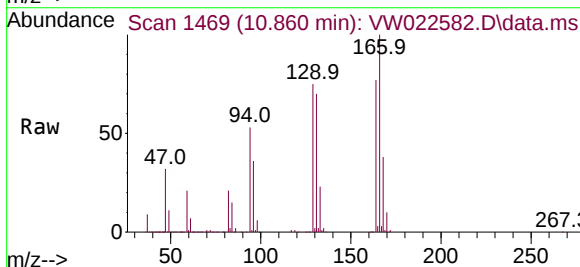
Instrument :
MSVOA_W
ClientSampleId :

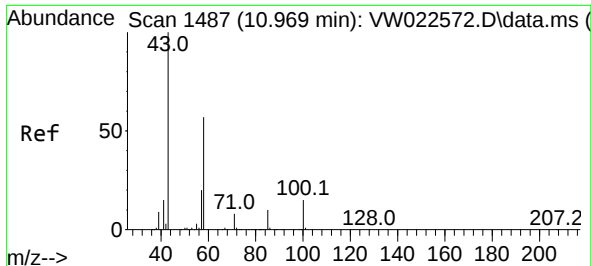
Tgt Ion: 97 Resp: 106263
Ion Ratio Lower Upper
97 100
99 67.5 46.0 85.4
83 90.3 60.6 112.6
85 59.8 39.7 73.7



#46
Tetrachloroethene
Concen: 26.081 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

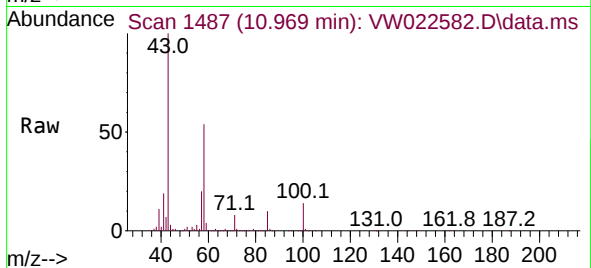
Tgt Ion:164 Resp: 118124
Ion Ratio Lower Upper
164 100
129 96.3 74.1 137.7
131 90.4 71.4 132.6
166 129.3 95.9 178.1



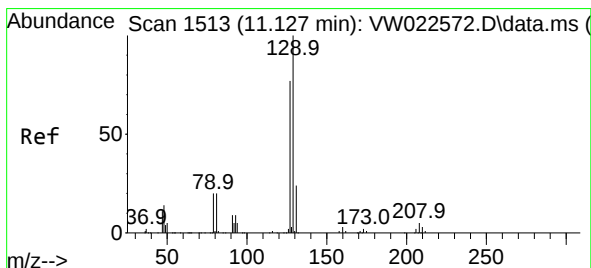
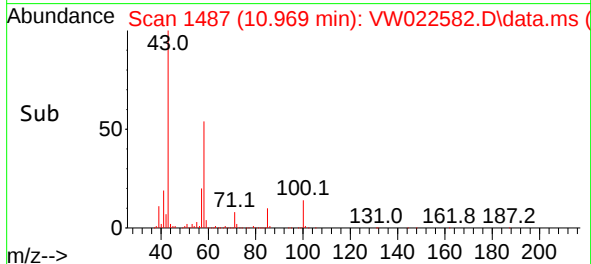
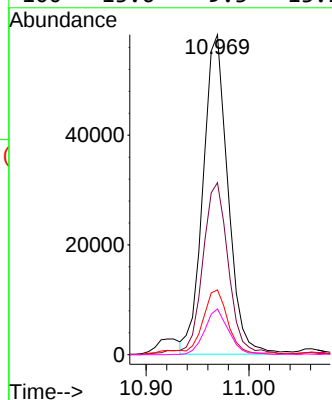


#48
2-Hexanone
Concen: 41.371 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

Instrument :
MSVOA_W
ClientSampleId :

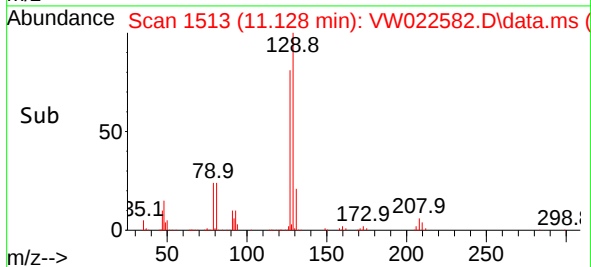
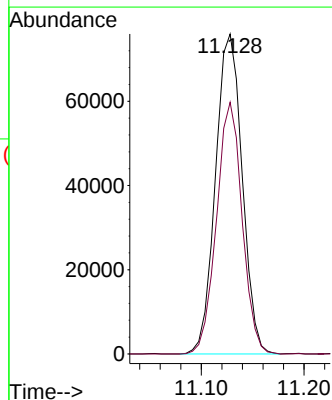
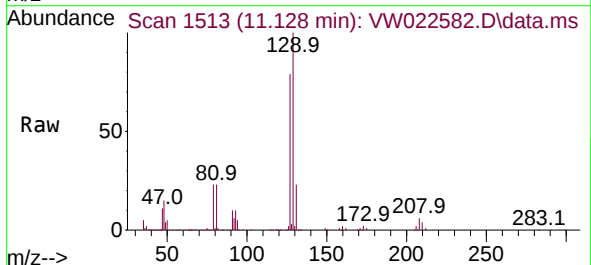


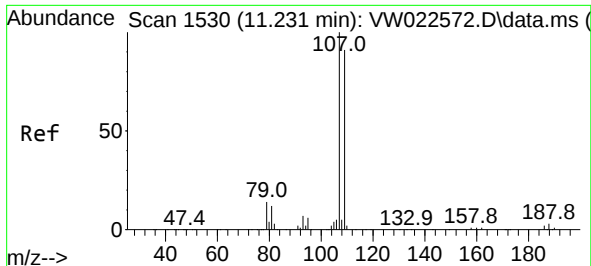
Tgt Ion: 43 Resp: 98196
Ion Ratio Lower Upper
43 100
58 55.2 41.6 62.4
57 20.1 14.5 21.7
100 13.6 9.3 13.9



#49
Dibromochloromethane
Concen: 27.291 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

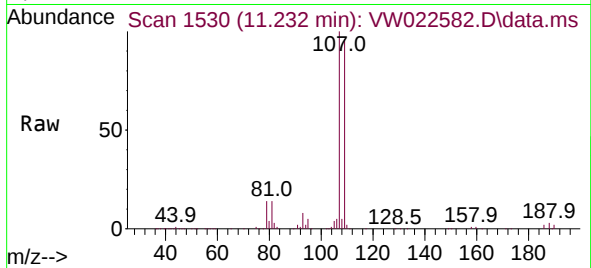
Tgt Ion: 129 Resp: 136942
Ion Ratio Lower Upper
129 100
127 78.6 52.6 97.6



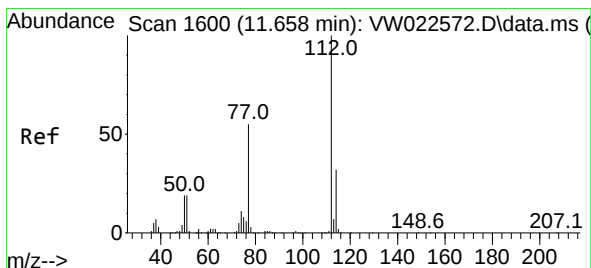
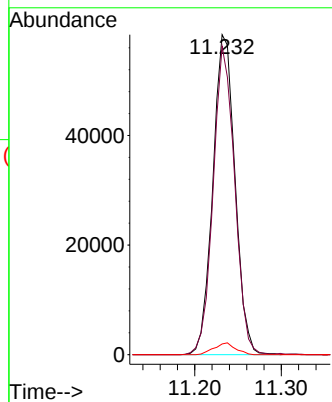
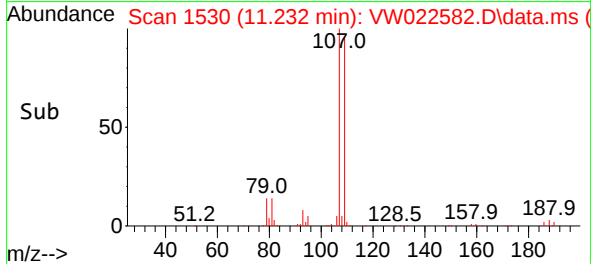


#50
1,2-Dibromoethane
Concen: 25.001 ug/L
RT: 11.232 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

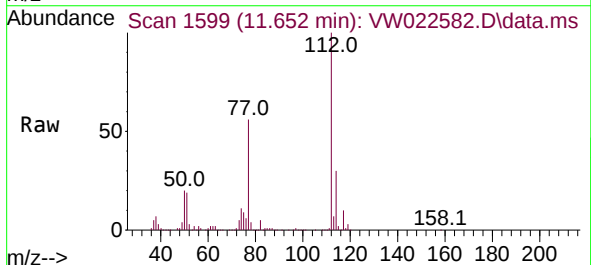
Instrument :
MSVOA_W
ClientSampleId :



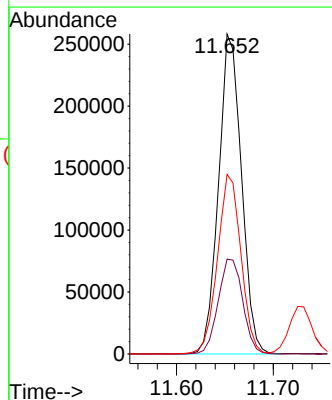
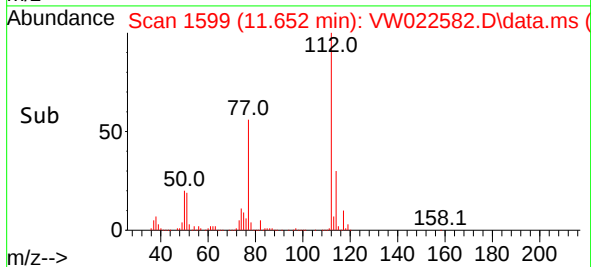
Tgt Ion:107 Resp: 103870
Ion Ratio Lower Upper
107 100
109 96.4 68.2 126.6
188 3.3 2.8 4.2

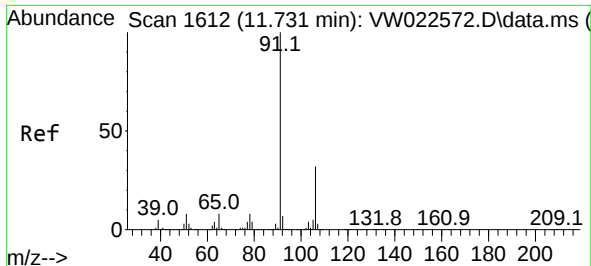


#51
Chlorobenzene
Concen: 26.345 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49



Tgt Ion:112 Resp: 424529
Ion Ratio Lower Upper
112 100
114 29.7 20.5 38.1
77 56.1 48.1 72.1

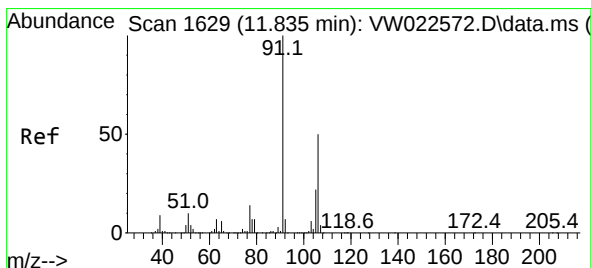
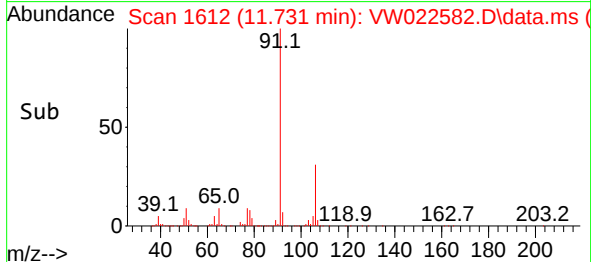
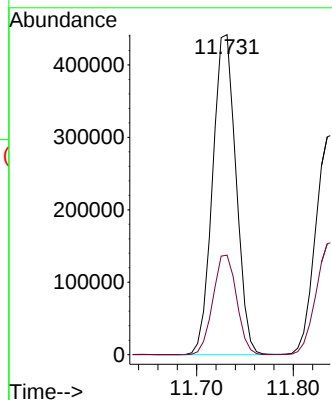
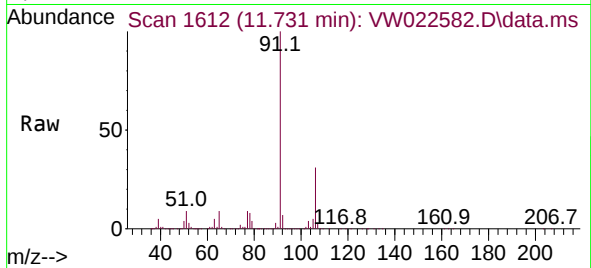




#52
Ethylbenzene
Concen: 25.133 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

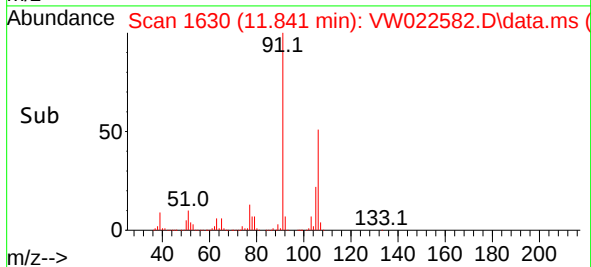
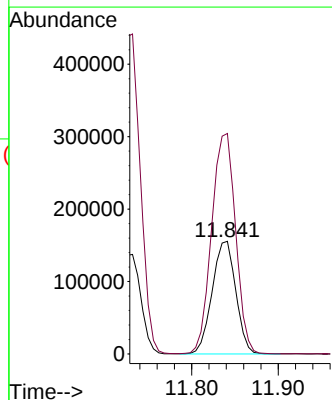
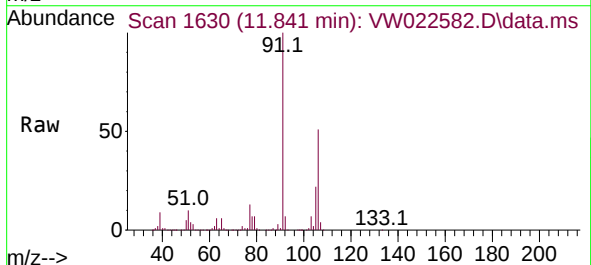
Instrument :
MSVOA_W
ClientSampleId :

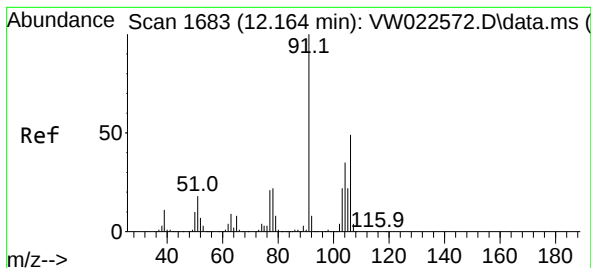
Tgt Ion: 91 Resp: 742856
Ion Ratio Lower Upper
91 100
106 31.1 20.5 38.1



#53
m,p-Xylene
Concen: 26.243 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.007 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

Tgt Ion:106 Resp: 294926
Ion Ratio Lower Upper
106 100
91 195.8 149.9 278.5





#54

o-Xylene

Concen: 25.984 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

Instrument :

MSVOA_W

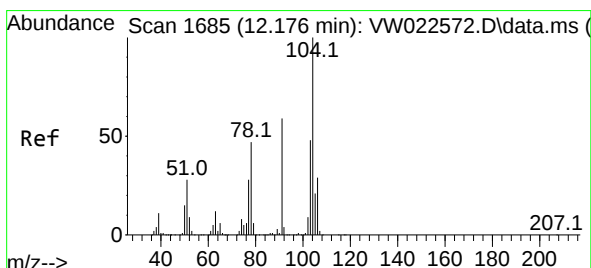
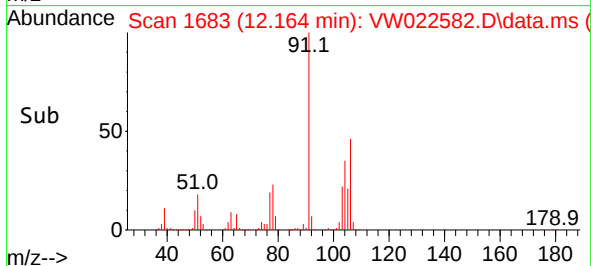
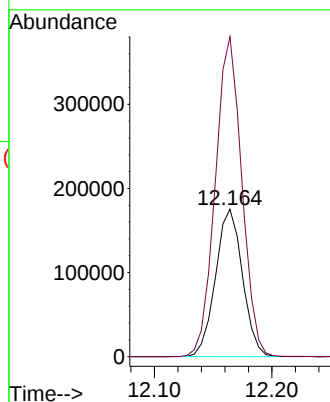
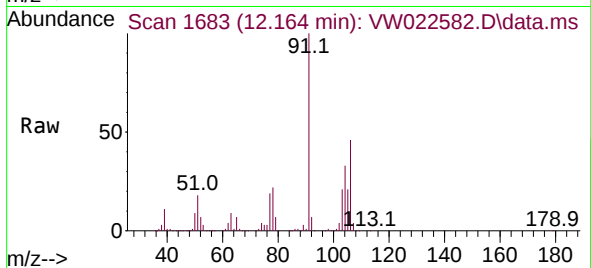
ClientSampleId :

Tgt Ion:106 Resp: 279056

Ion Ratio Lower Upper

106 100

91 217.3 155.3 288.3



#55

Styrene

Concen: 25.908 ug/L

RT: 12.177 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022582.D

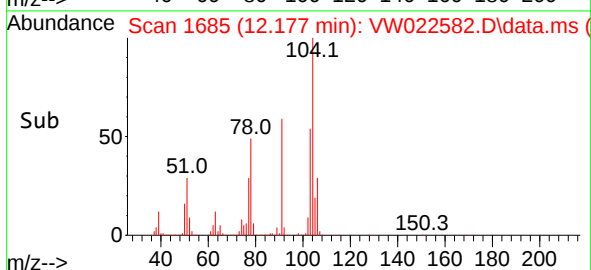
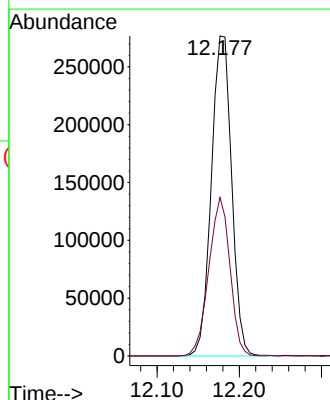
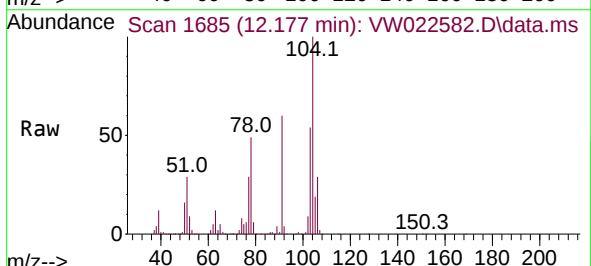
Acq: 20 Apr 2022 09:49

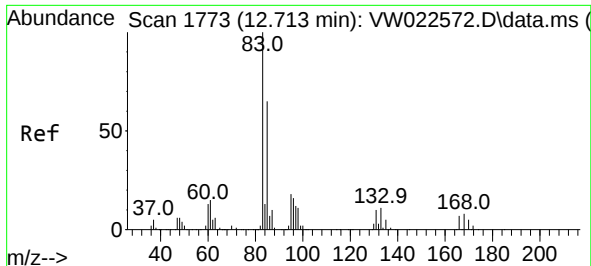
Tgt Ion:104 Resp: 475367

Ion Ratio Lower Upper

104 100

78 49.5 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 24.102 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

Instrument :

MSVOA_W

ClientSampleId :

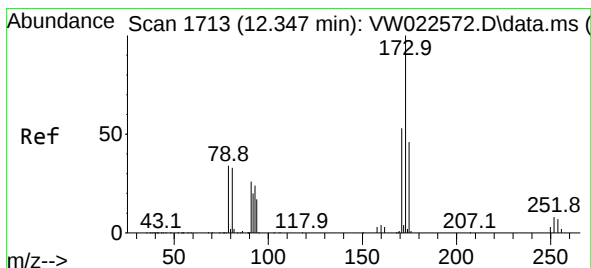
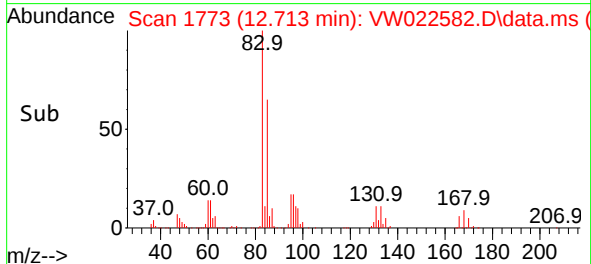
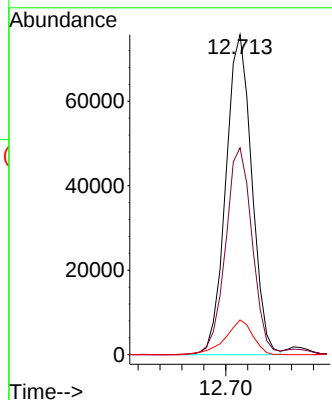
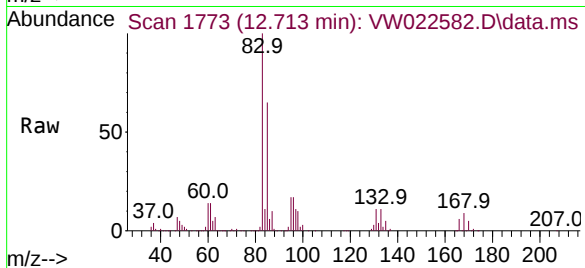
Tgt Ion: 83 Resp: 124467

Ion Ratio Lower Upper

83 100

85 64.6 45.5 84.5

131 10.9 7.8 11.8



#59

Bromoform

Concen: 25.373 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

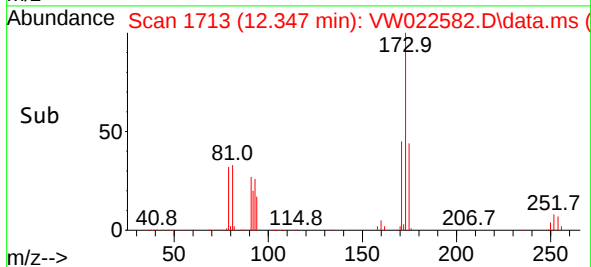
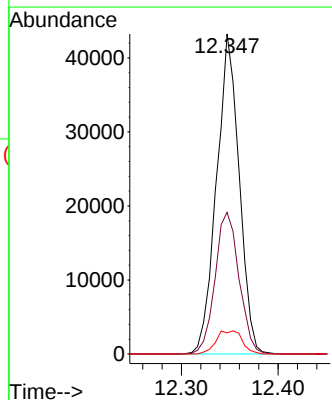
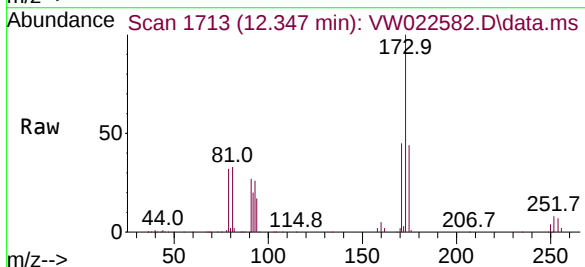
Tgt Ion:173 Resp: 70251

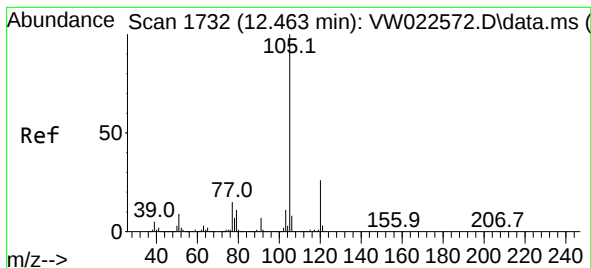
Ion Ratio Lower Upper

173 100

175 46.8 39.2 58.8

254 4.4 6.6 9.8#

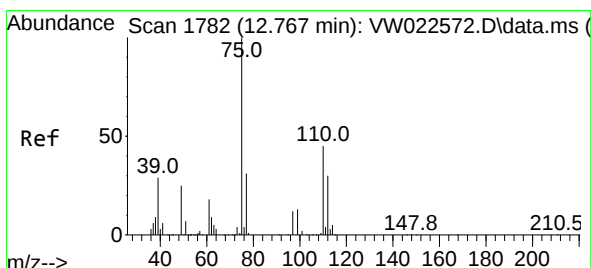
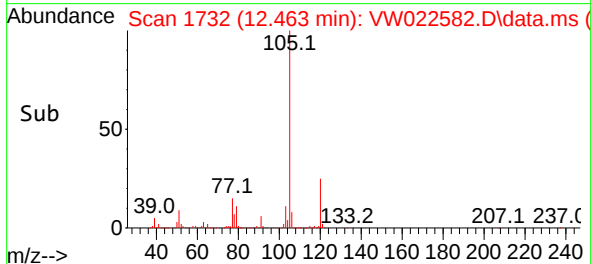
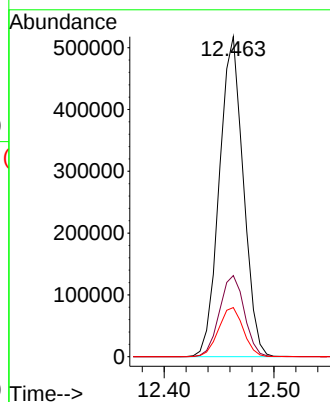
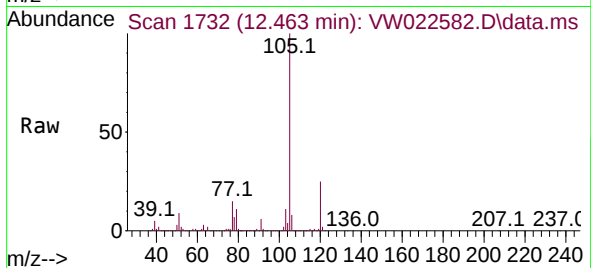




#60
Isopropylbenzene
Concen: 25.433 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

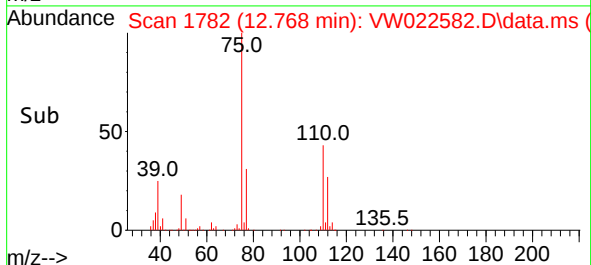
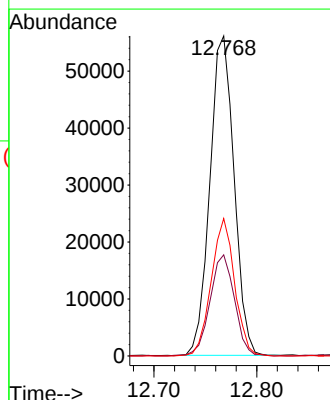
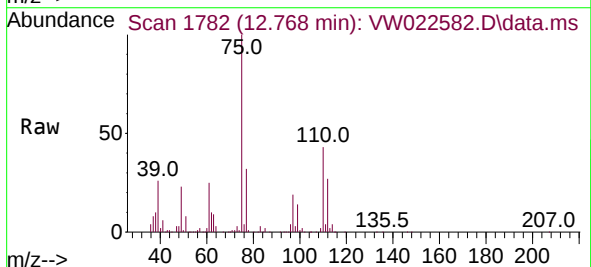
Instrument :
MSVOA_W
ClientSampleId :

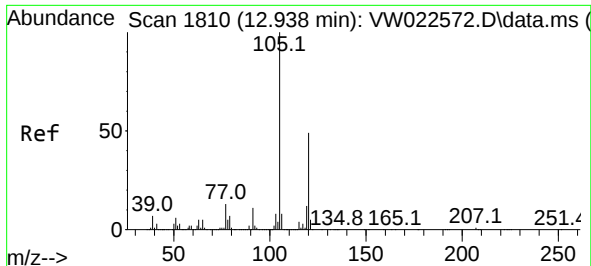
Tgt Ion:105 Resp: 787202
Ion Ratio Lower Upper
105 100
120 26.2 20.9 31.3
77 15.9 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 23.141 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

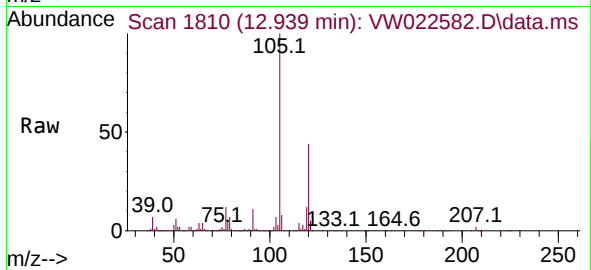
Tgt Ion: 75 Resp: 91721
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5
110 41.6 31.8 47.6



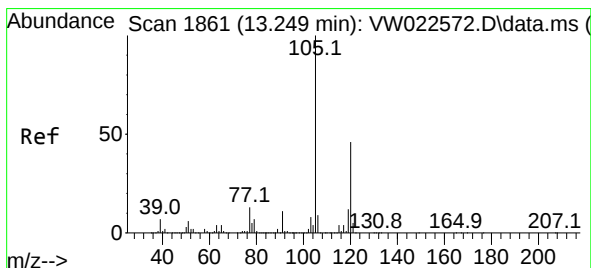
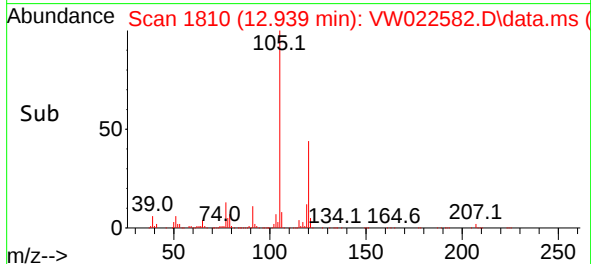
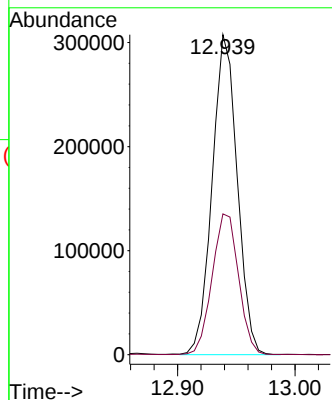


#62
1,3,5-Trimethylbenzene
Concen: 26.798 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

Instrument :
MSVOA_W
ClientSampleId :

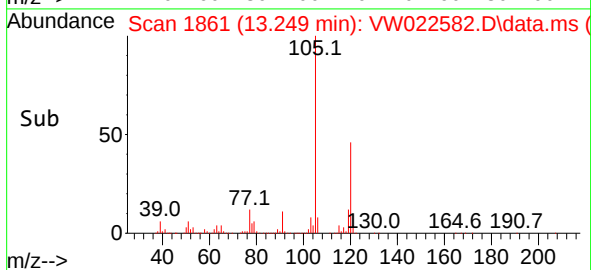
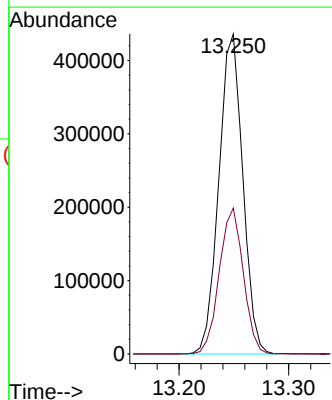
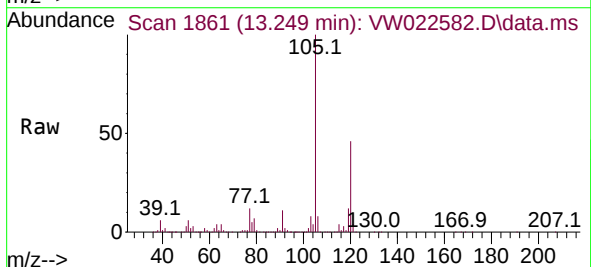


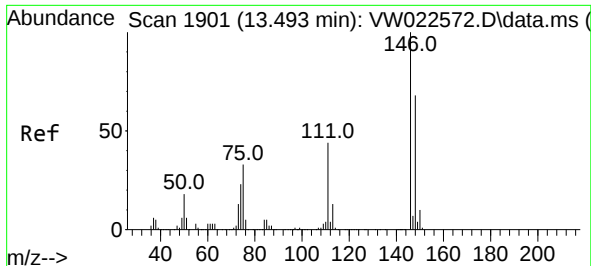
Tgt Ion:105 Resp: 456163
Ion Ratio Lower Upper
105 100
120 46.4 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 25.570 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

Tgt Ion:105 Resp: 661893
Ion Ratio Lower Upper
105 100
120 45.7 34.2 51.2

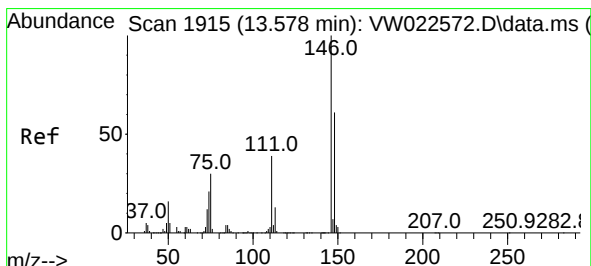
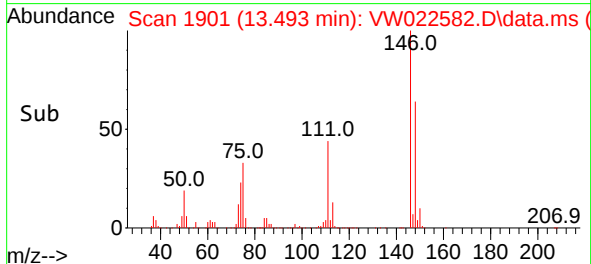
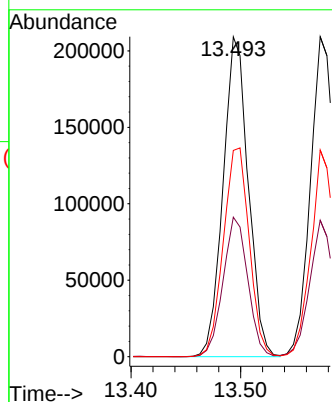
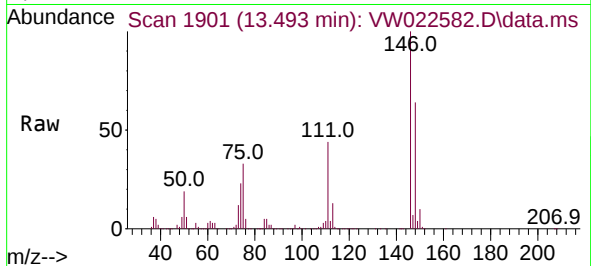




#64
1,3-Dichlorobenzene
Concen: 26.631 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

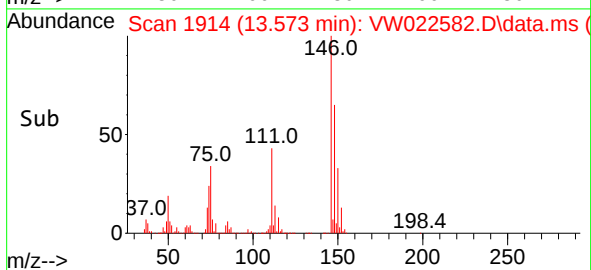
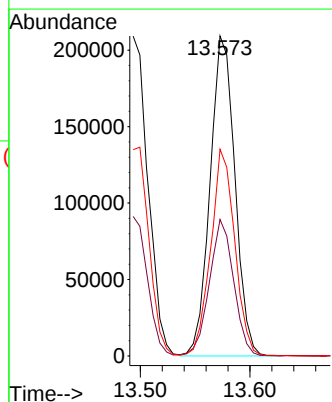
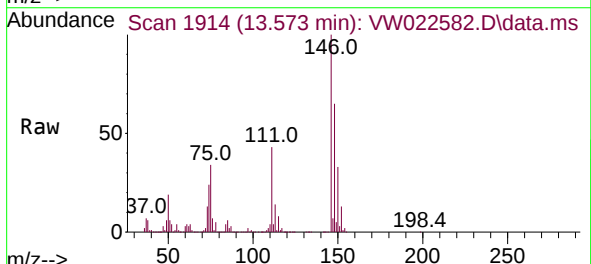
Instrument :
MSVOA_W
ClientSampleId :

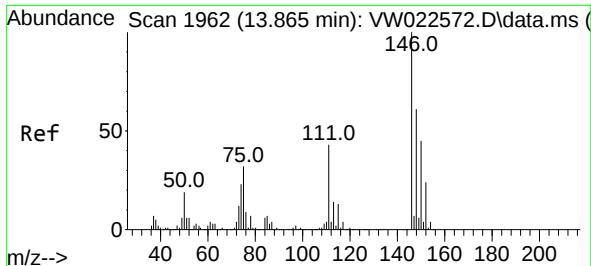
Tgt Ion:146 Resp: 334533
Ion Ratio Lower Upper
146 100
111 43.6 28.2 52.4
148 64.5 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 26.273 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022582.D
Acq: 20 Apr 2022 09:49

Tgt Ion:146 Resp: 329148
Ion Ratio Lower Upper
146 100
111 42.6 28.5 52.9
148 64.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.812 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

Instrument :

MSVOA_W

ClientSampleId :

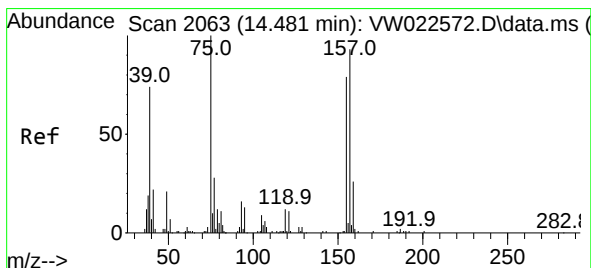
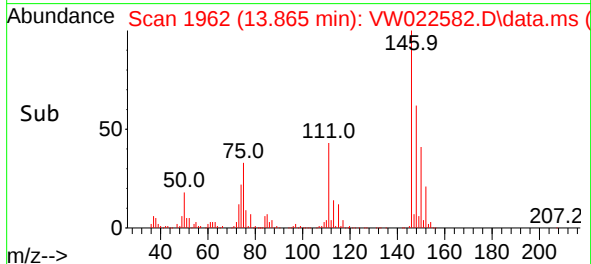
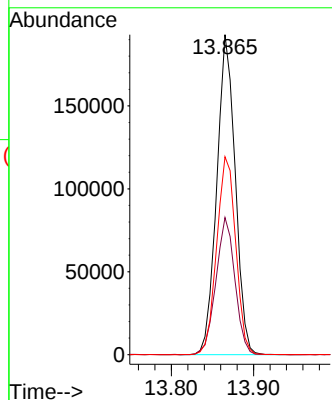
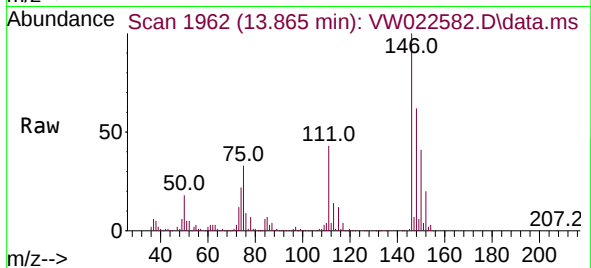
Tgt Ion:146 Resp: 301220

Ion Ratio Lower Upper

146 100

111 42.8 39.0 58.4

148 61.9 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 22.139 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

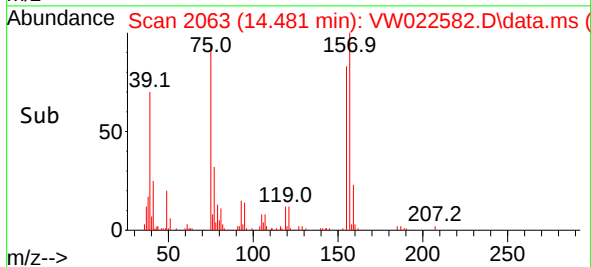
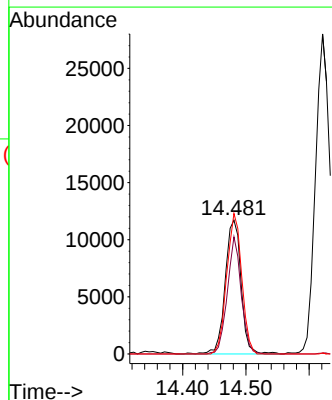
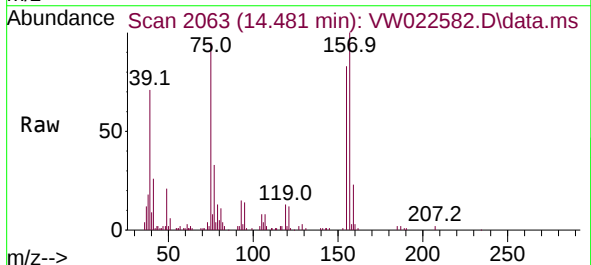
Tgt Ion: 75 Resp: 20352

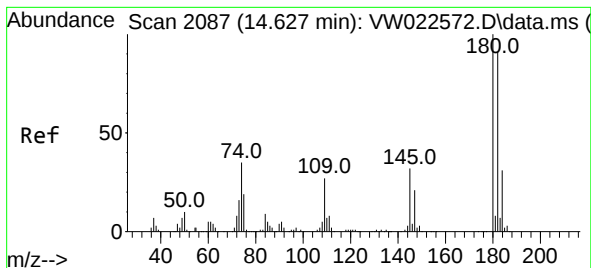
Ion Ratio Lower Upper

75 100

155 87.5 55.6 83.4#

157 105.0 69.8 104.6#





#69

1,3,5-Trichlorobenzene

Concen: 26.844 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 220018

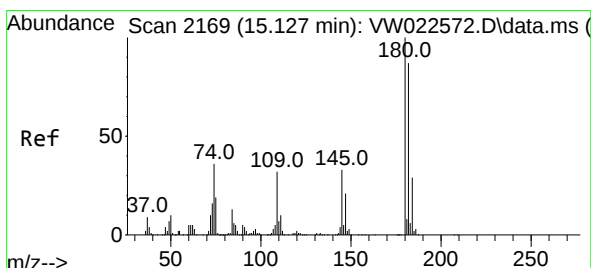
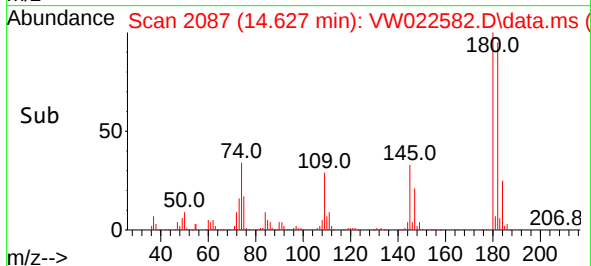
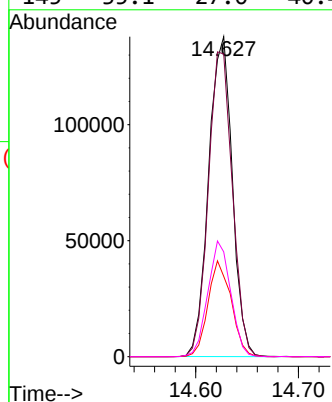
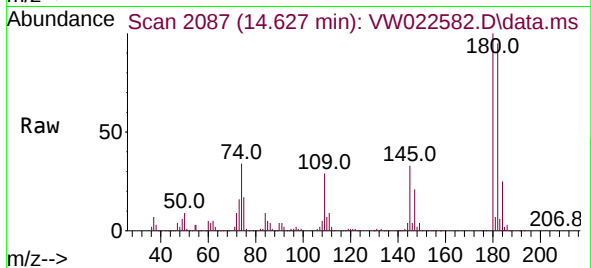
Ion Ratio Lower Upper

180 100

182 96.9 79.1 118.7

184 29.4 24.5 36.7

145 35.1 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 25.720 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

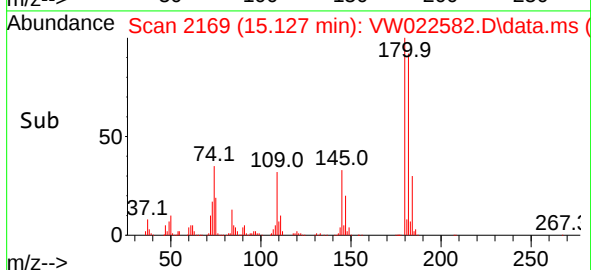
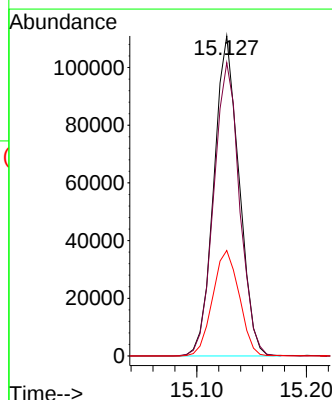
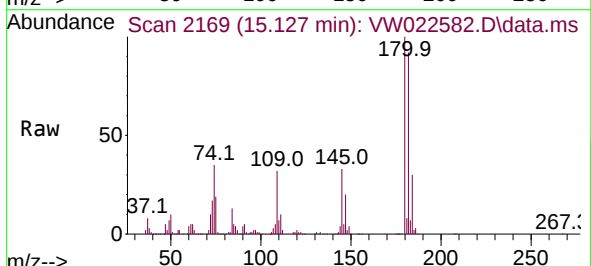
Tgt Ion:180 Resp: 177040

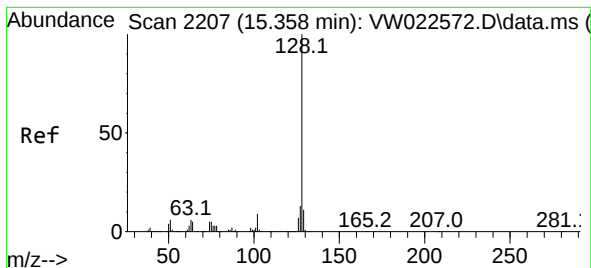
Ion Ratio Lower Upper

180 100

182 93.9 72.8 109.2

145 34.7 25.5 38.3





#71

Naphthalene

Concen: 24.303 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

Instrument :

MSVOA_W

ClientSampleId :

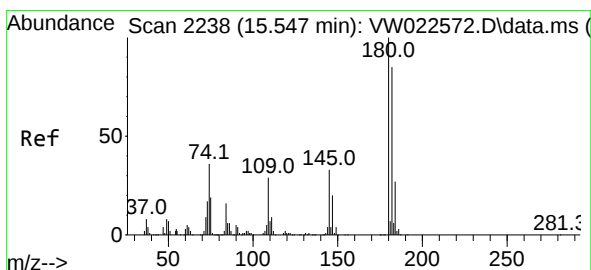
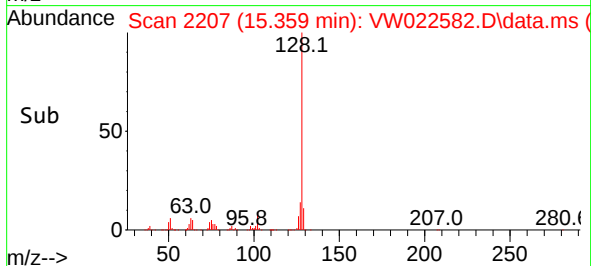
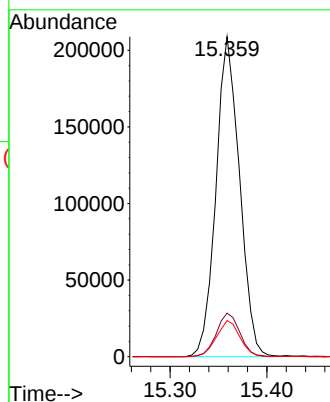
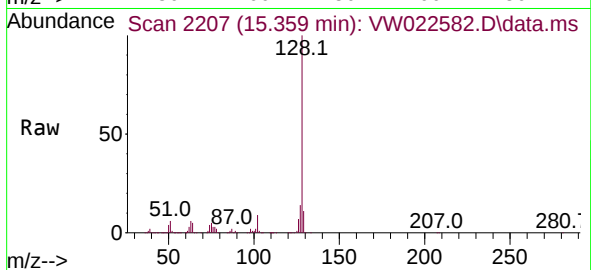
Tgt Ion:128 Resp: 352842

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 11.3 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.066 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022582.D

Acq: 20 Apr 2022 09:49

Tgt Ion:180 Resp: 147483

Ion Ratio Lower Upper

180 100

182 99.7 73.4 110.0

145 36.8 27.0 40.6

