

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
 Data File : VW023399.D
 Acq On : 06 Jun 2022 12:04
 Operator : SY/VA
 Sample : VSTD02518
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025418

Quant Time: Jun 06 12:44:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 06 11:37:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	411734	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	381997	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	196227	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	155997	20.657	ug/L	0.00
7) Chloroethane-d5	2.891	69	112476	21.734	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	249059	22.716	ug/L	0.00
21) 2-Butanone-d5	7.073	46	60224	40.019	ug/L	0.00
24) Chloroform-d	7.646	84	285280	21.676	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	147699	21.250	ug/L	0.00
32) Benzene-d6	8.274	84	551300	22.023	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	157223	21.918	ug/L	0.00
41) Toluene-d8	10.323	98	541224	22.303	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	70953	22.111	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	46320	40.223	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	128418	20.560	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	185875	21.866	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	34700	21.122	ug/L	97
3) Chloromethane	2.220	50	126363	24.376	ug/L	99
5) Vinyl chloride	2.361	62	190086	23.711	ug/L	99
6) Bromomethane	2.781	94	101783	26.875	ug/L	94
8) Chloroethane	2.922	64	91004	25.368	ug/L	97
9) Trichlorofluoromethane	3.257	101	128053	33.855	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	136433	24.933	ug/L	97
12) 1,1-Dichloroethene	4.043	96	121633	25.429	ug/L	95
13) Acetone	4.116	43	43397	46.899	ug/L	100
14) Carbon disulfide	4.385	76	396818	24.974	ug/L	99
15) Methyl Acetate	4.671	43	48186	23.745	ug/L	96
16) Methylene chloride	4.915	84	136490	22.941	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	146106	26.188	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	209896	25.476	ug/L	99
19) 1,1-Dichloroethane	6.214	63	239780	25.373	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	150399	25.566	ug/L #	99
22) 2-Butanone	7.171	43	67730	48.646	ug/L	98
23) Bromochloromethane	7.512	128	68344	24.473	ug/L	99
25) Chloroform	7.677	83	264825	25.512	ug/L	99
27) 1,2-Dichloroethane	8.402	62	170412	25.341	ug/L	98
29) Cyclohexane	7.957	56	223611	27.045	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	239111	26.748	ug/L	99
31) Carbon tetrachloride	8.067	117	226060	26.907	ug/L	99
33) Benzene	8.323	78	587916	26.439	ug/L	100
34) Trichloroethene	9.091	95	161372	26.791	ug/L	98
35) Methylcyclohexane	9.335	83	276660	27.732	ug/L	98
37) 1,2-Dichloropropane	9.366	63	136486	26.162	ug/L	100
38) Bromodichloromethane	9.646	83	193042	26.058	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	222427	26.817	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	146828	49.415	ug/L	99
42) Toluene	10.384	91	678241	27.398	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	193818	26.206	ug/L	99

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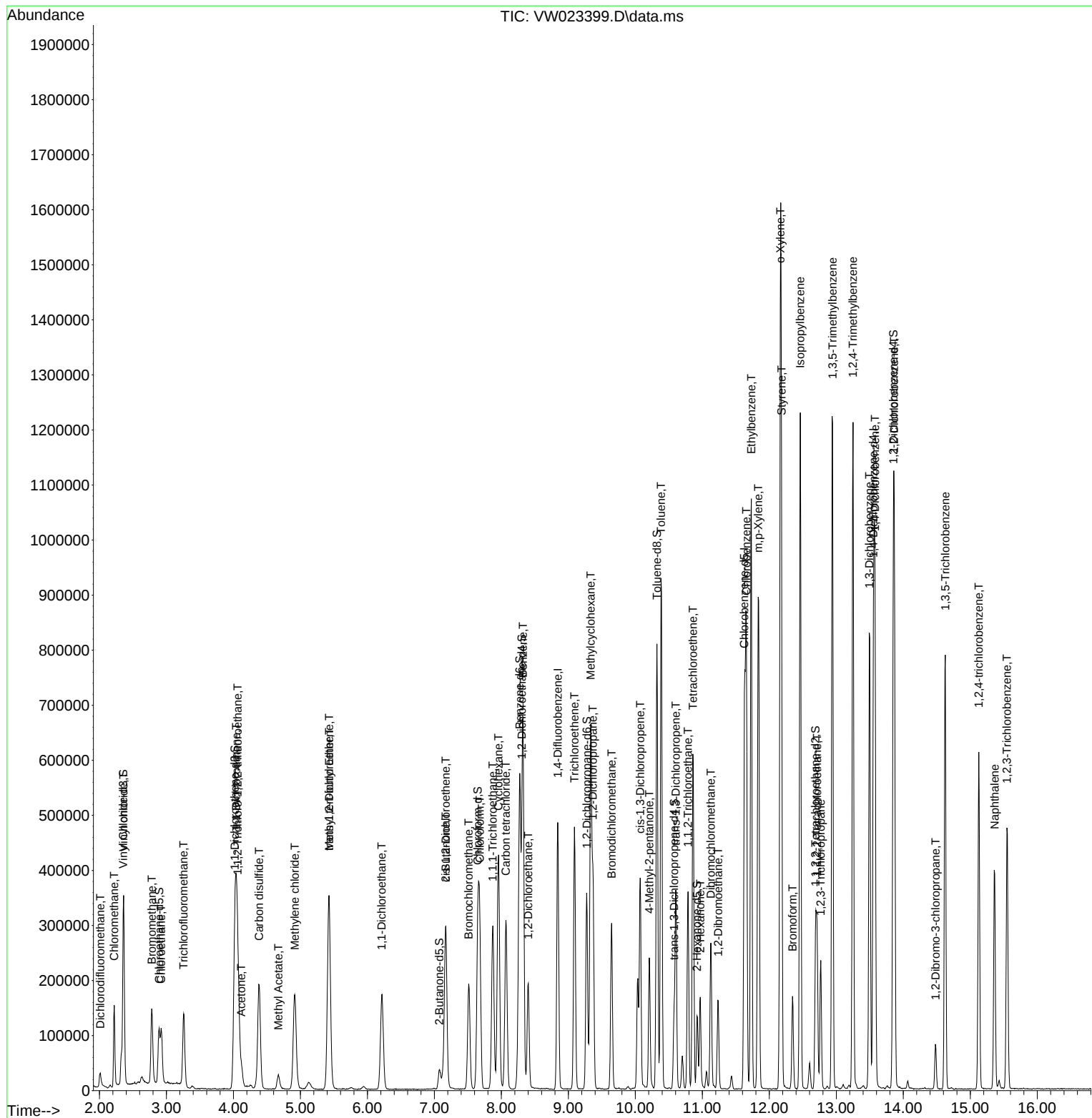
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	109228	25.488	ug/L	99
46) Tetrachloroethene	10.859	164	126857	26.430	ug/L	88
48) 2-Hexanone	10.969	43	102395	51.608	ug/L	99
49) Dibromochloromethane	11.127	129	132527	25.221	ug/L	91
50) 1,2-Dibromoethane	11.237	107	106278	25.348	ug/L	93
51) Chlorobenzene	11.658	112	438952	26.814	ug/L	98
52) Ethylbenzene	11.731	91	762820	28.038	ug/L	95
53) m,p-Xylene	11.835	106	299218	27.763	ug/L	100
54) o-Xylene	12.164	106	284887	27.600	ug/L	100
55) Styrene	12.182	104	486716	27.704	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	126913	25.047	ug/L	99
59) Bromoform	12.347	173	72318	25.119	ug/L	99
60) Isopropylbenzene	12.463	105	789652	28.934	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	88586	24.771	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	654729	29.149	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	648285	35.229	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	340567	27.495	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	345673	27.202	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	308907	27.422	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.480	75	18903	23.826	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	228303	27.922	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	180181	27.914	ug/L	98
71) Naphthalene	15.364	128	341048	27.937	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	150924	26.780	ug/L	99

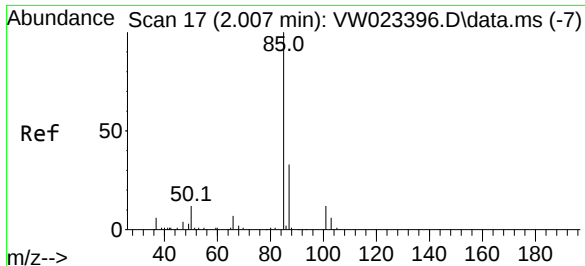
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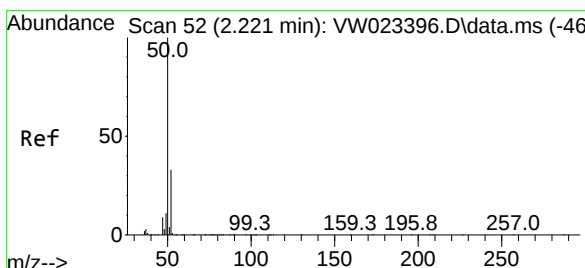
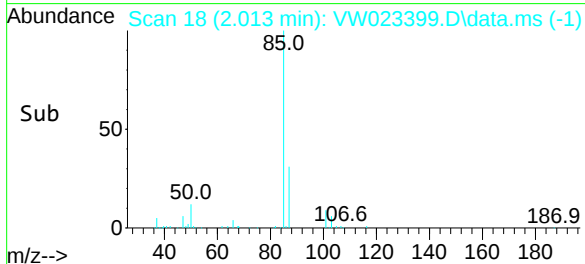
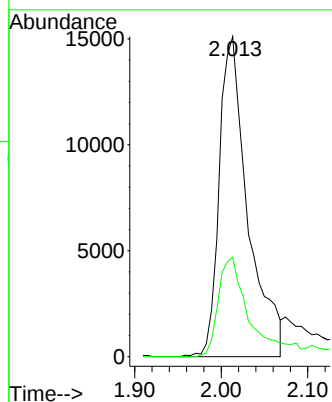
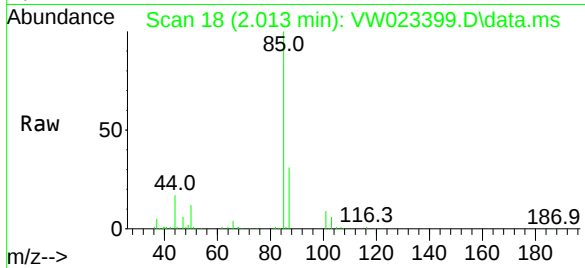




#2
 Dichlorodifluoromethane
 Concen: 21.122 ug/L
 RT: 2.013 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW023399.D
 Acq: 06 Jun 2022 12:04

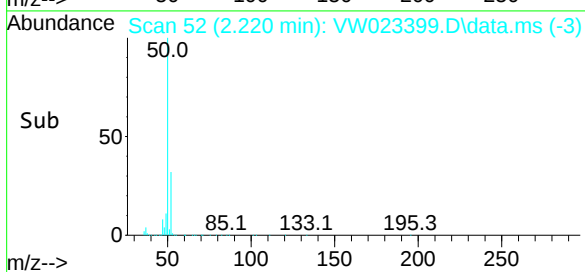
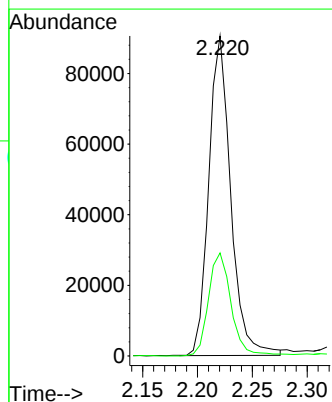
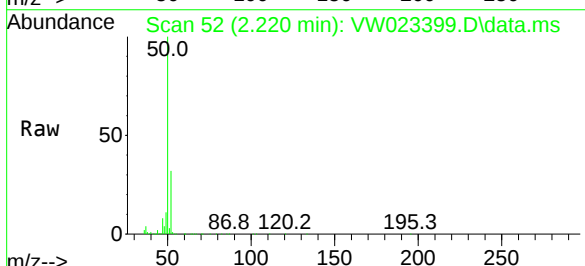
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025418

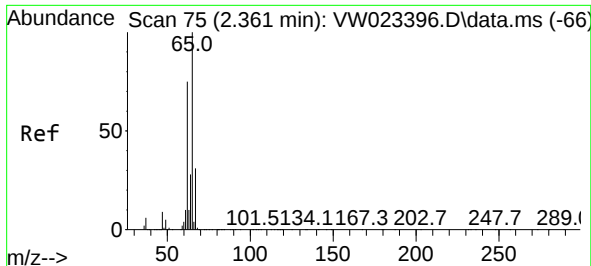
Tgt Ion: 85 Resp: 34700
 Ion Ratio Lower Upper
 85 100
 87 33.0 27.8 41.8



#3
 Chloromethane
 Concen: 24.376 ug/L
 RT: 2.220 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW023399.D
 Acq: 06 Jun 2022 12:04

Tgt Ion: 50 Resp: 126363
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.1 42.9

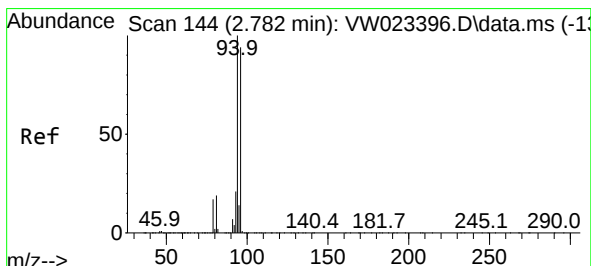
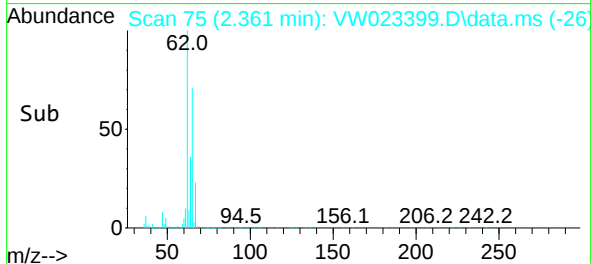
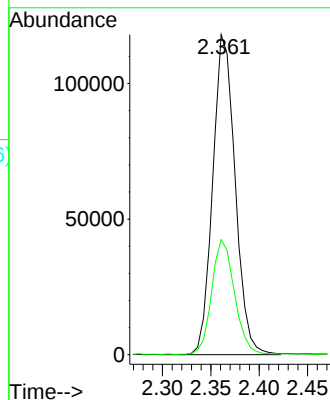
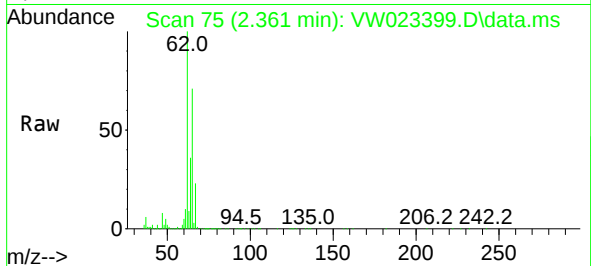




#5
 Vinyl chloride
 Concen: 23.711 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023399.D
 Acq: 06 Jun 2022 12:04

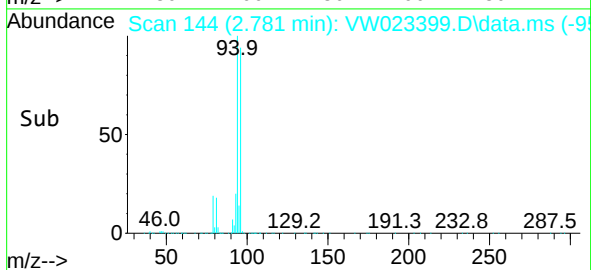
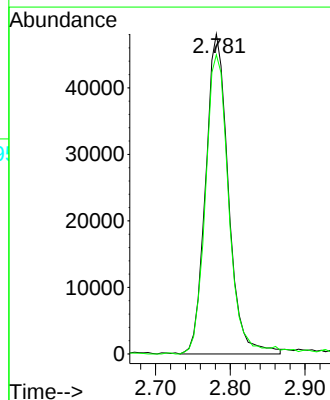
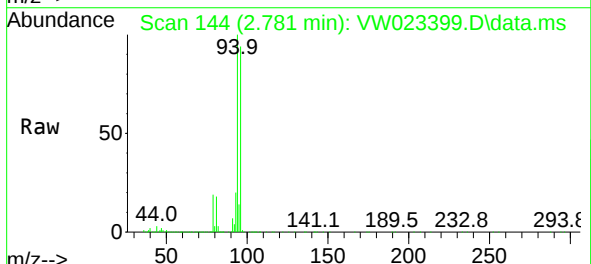
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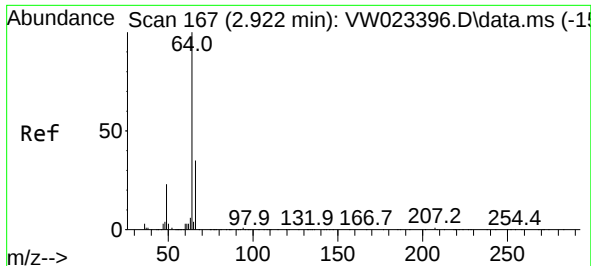
Tgt Ion: 62 Resp: 190086
 Ion Ratio Lower Upper
 62 100
 64 35.9 24.9 46.3



#6
 Bromomethane
 Concen: 26.875 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW023399.D
 Acq: 06 Jun 2022 12:04

Tgt Ion: 94 Resp: 101783
 Ion Ratio Lower Upper
 94 100
 96 93.5 61.7 114.5

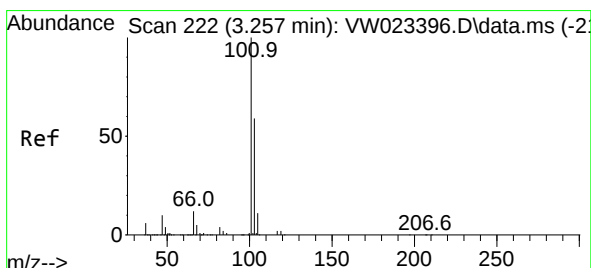
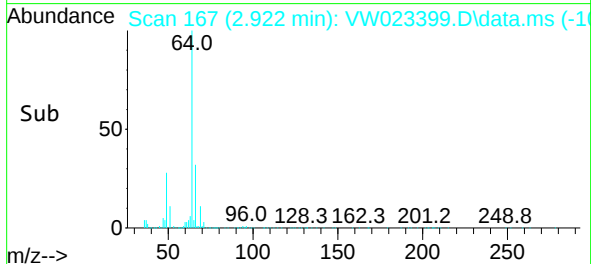
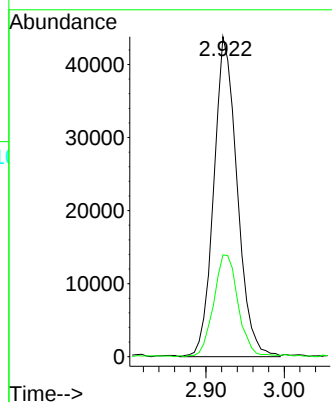
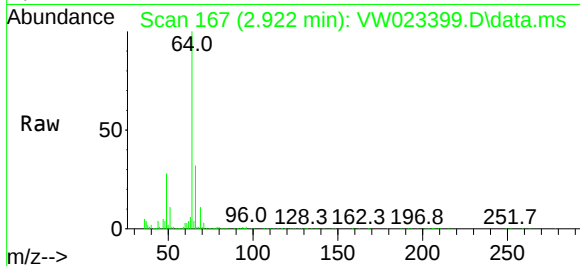




#8
Chloroethane
Concen: 25.368 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

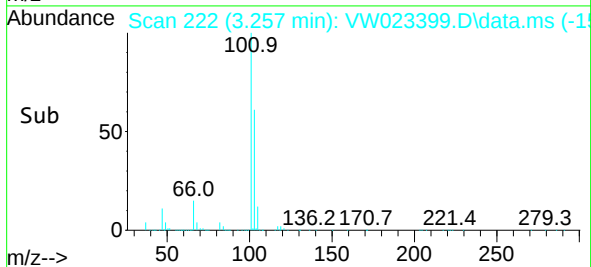
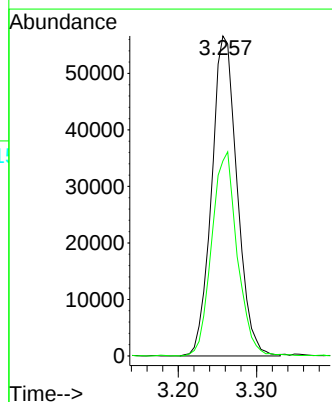
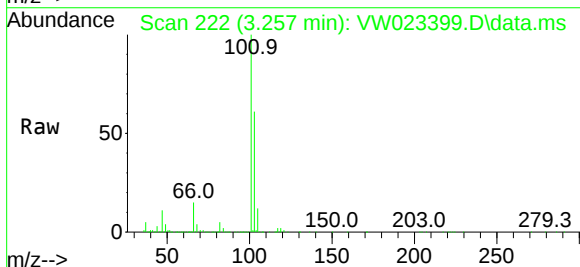
Instrument :
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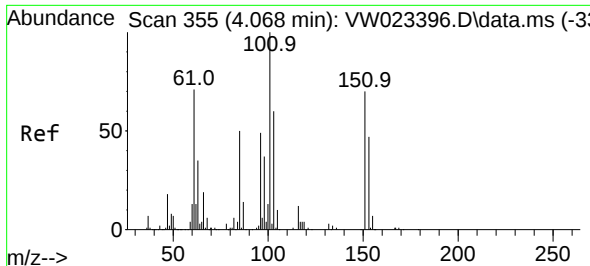
Tgt Ion: 64 Resp: 91004
Ion Ratio Lower Upper
64 100
66 31.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 33.855 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

Tgt Ion: 101 Resp: 128053
Ion Ratio Lower Upper
101 100
103 63.9 53.9 80.9

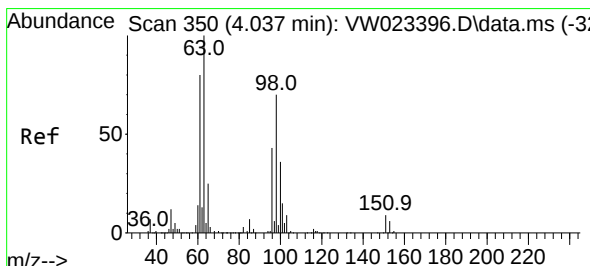
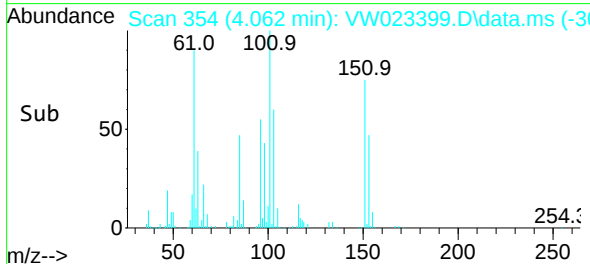
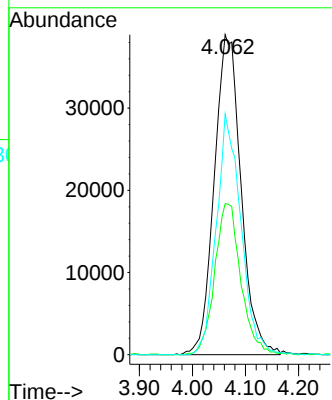
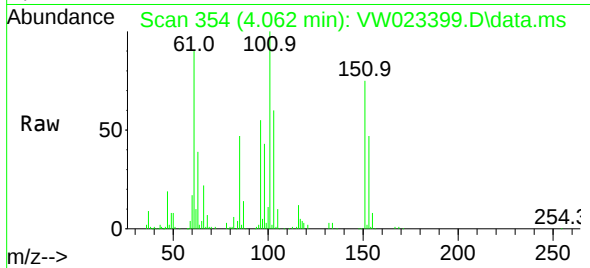




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.933 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW023399.D
 Acq: 06 Jun 2022 12:04

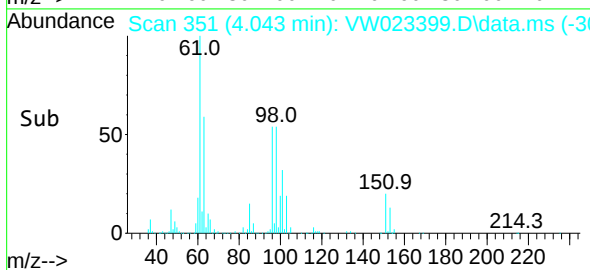
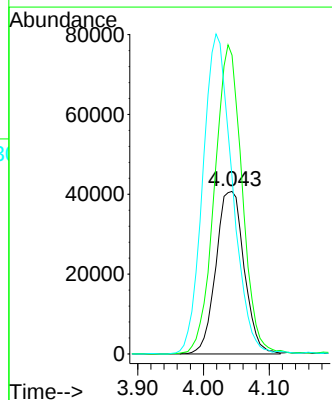
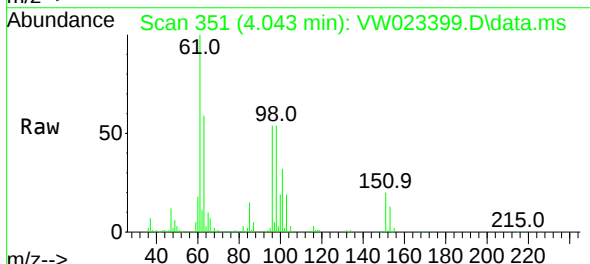
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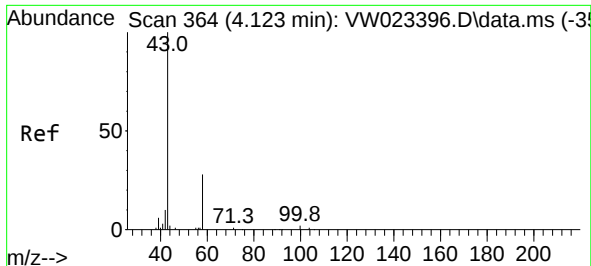
Tgt Ion:101 Resp: 136433
 Ion Ratio Lower Upper
 101 100
 85 46.0 34.3 51.5
 151 69.3 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 25.429 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW023399.D
 Acq: 06 Jun 2022 12:04

Tgt Ion: 96 Resp: 121633
 Ion Ratio Lower Upper
 96 100
 61 183.7 125.7 233.5
 63 108.9 83.4 155.0





#13

Acetone

Concen: 46.899 ug/L

RT: 4.116 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

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ClientSampleId :

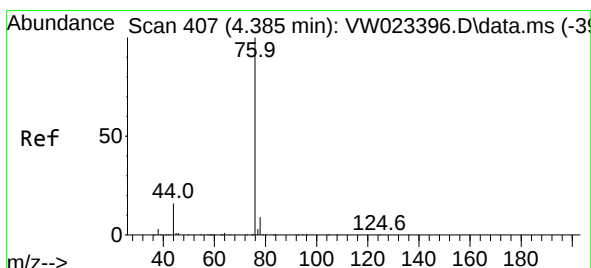
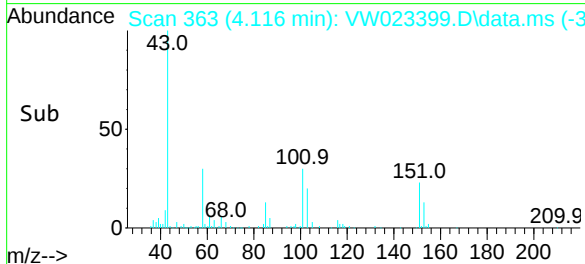
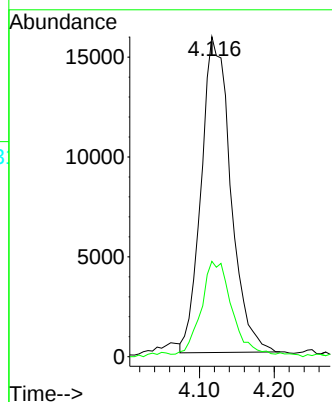
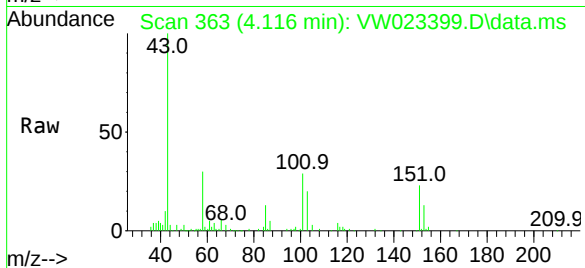
VSTD025418

Tgt Ion: 43 Resp: 43397

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.0



#14

Carbon disulfide

Concen: 24.974 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW023399.D

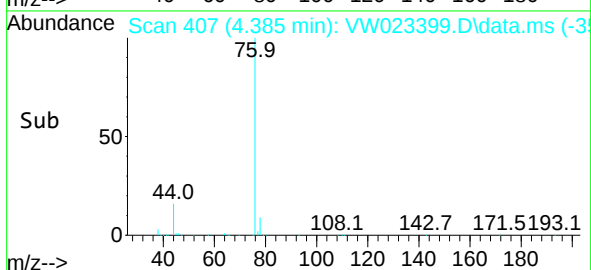
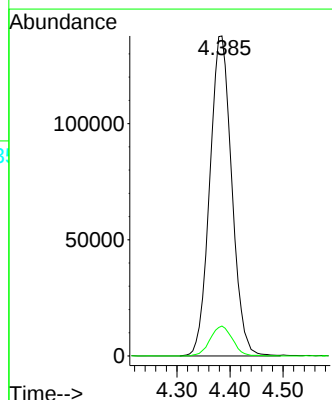
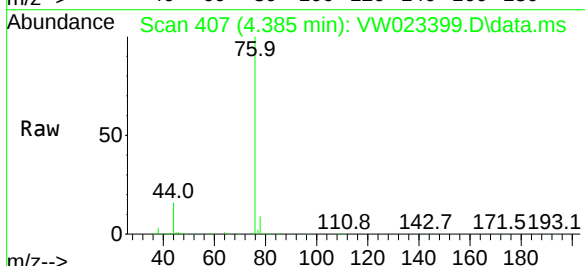
Acq: 06 Jun 2022 12:04

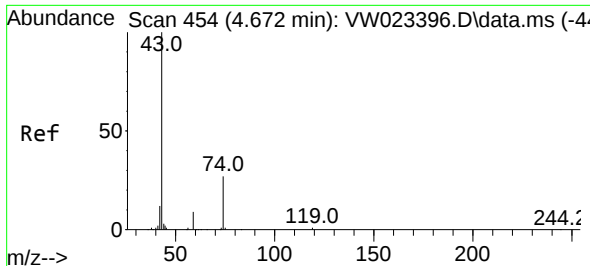
Tgt Ion: 76 Resp: 396818

Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5

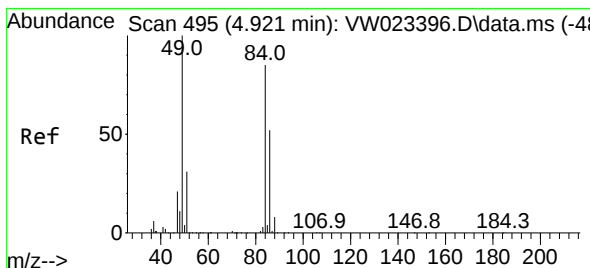
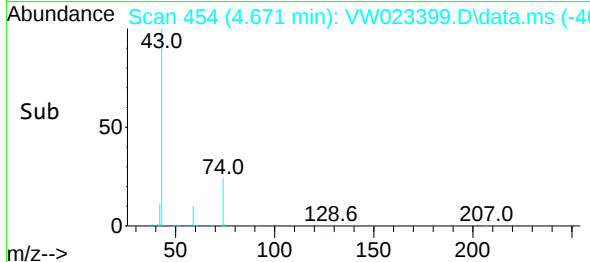
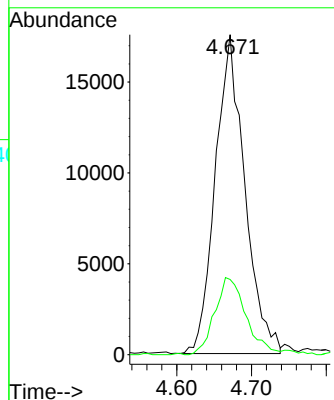
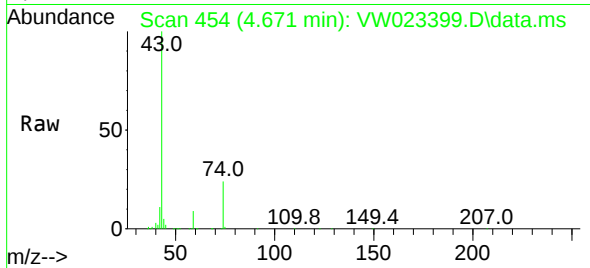




#15
Methyl Acetate
Concen: 23.745 ug/L
RT: 4.671 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

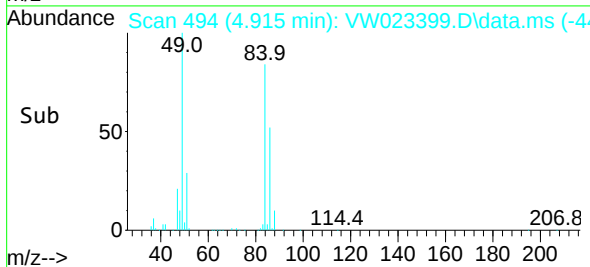
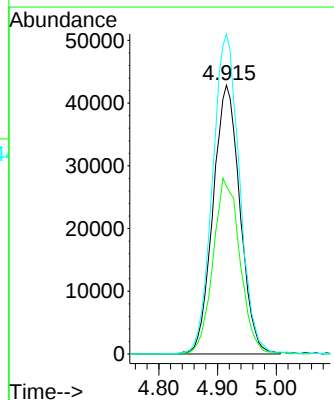
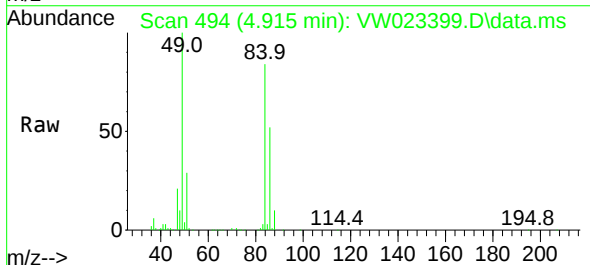
Instrument :
MSVOA_W
ClientSampleId :
VSTD025418

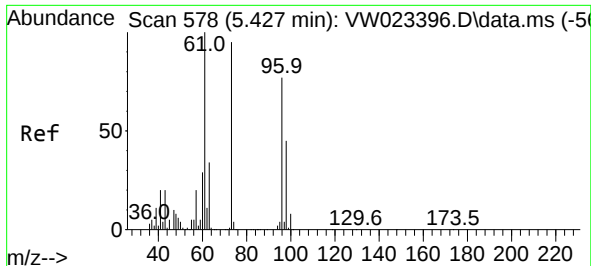
Tgt Ion: 43 Resp: 48186
Ion Ratio Lower Upper
43 100
74 25.5 21.9 32.9



#16
Methylene chloride
Concen: 22.941 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

Tgt Ion: 84 Resp: 136490
Ion Ratio Lower Upper
84 100
86 62.4 45.4 84.4
49 119.0 82.5 153.1

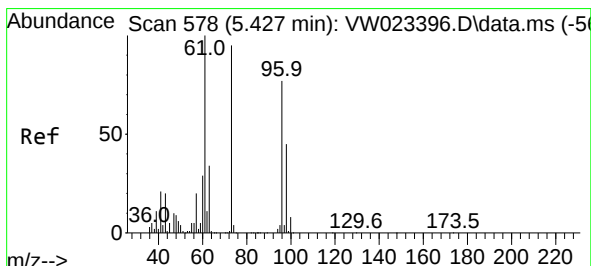
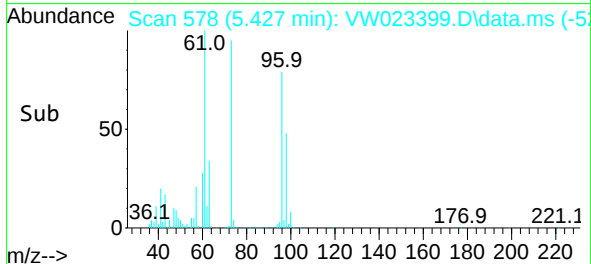
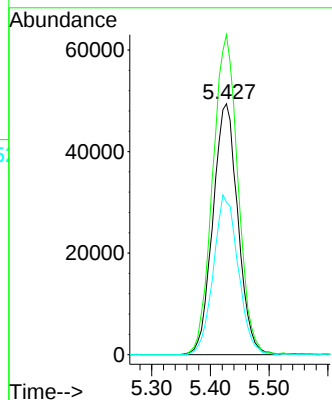
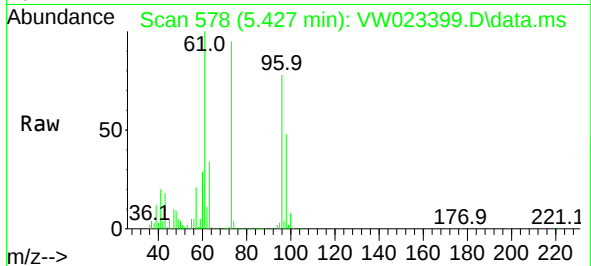




#17
trans-1,2-Dichloroethene
Concen: 26.188 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

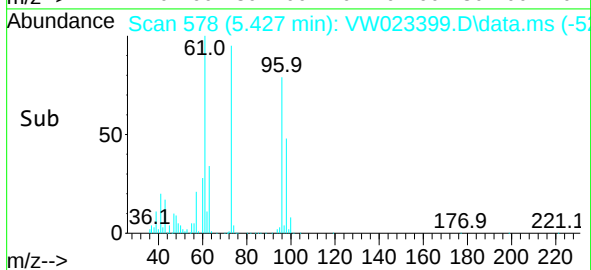
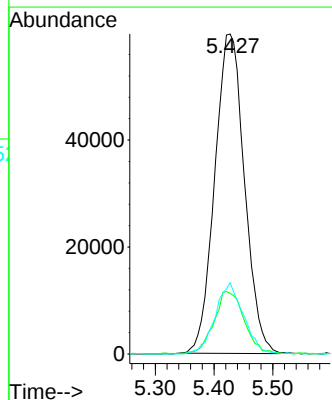
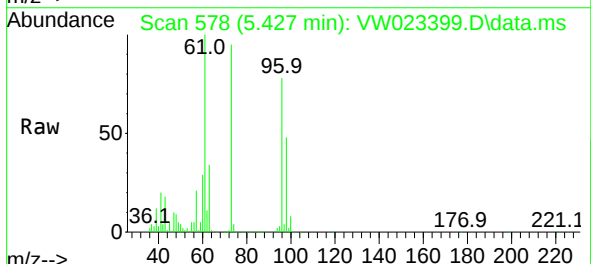
Instrument :
MSVOA_W
ClientSampleId :
VSTD025418

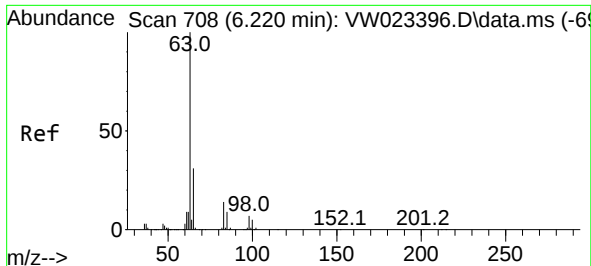
Tgt Ion: 96 Resp: 146106
Ion Ratio Lower Upper
96 100
61 127.6 92.2 171.2
98 60.9 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 25.476 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

Tgt Ion: 73 Resp: 209896
Ion Ratio Lower Upper
73 100
43 19.4 15.9 23.9
57 21.3 16.5 24.7





#19

1,1-Dichloroethane

Concen: 25.373 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025418

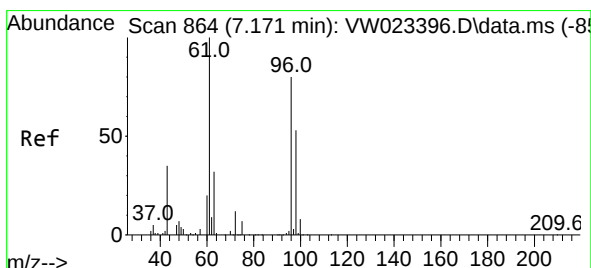
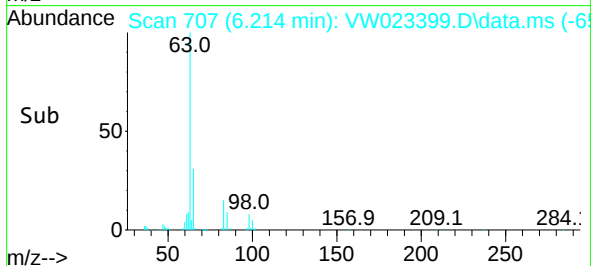
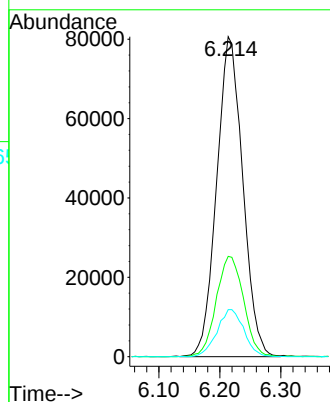
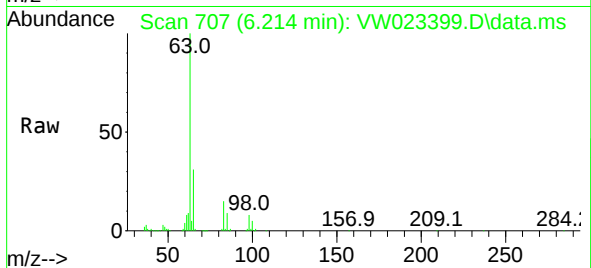
Tgt Ion: 63 Resp: 239780

Ion Ratio Lower Upper

63 100

65 31.4 23.3 43.3

83 14.7 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 25.566 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

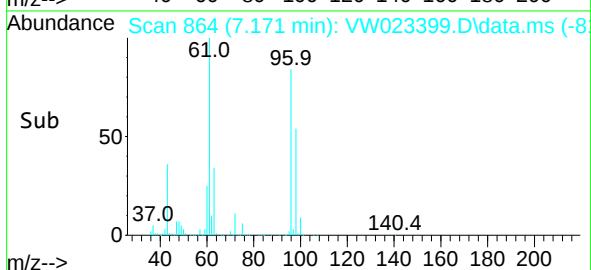
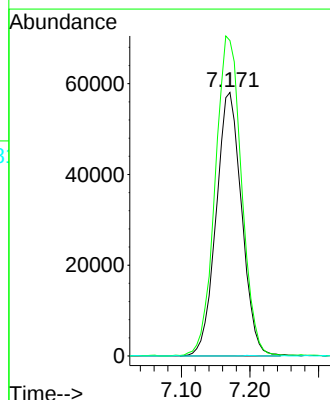
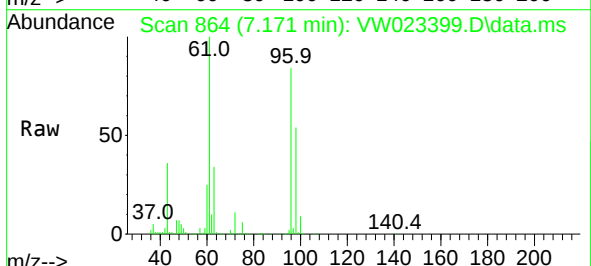
Tgt Ion: 96 Resp: 150399

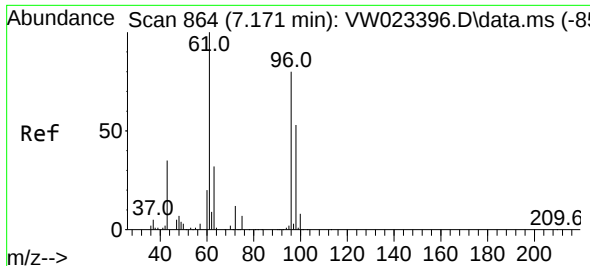
Ion Ratio Lower Upper

96 100

61 119.6 84.2 156.4

68 0.0 0.1 0.1#

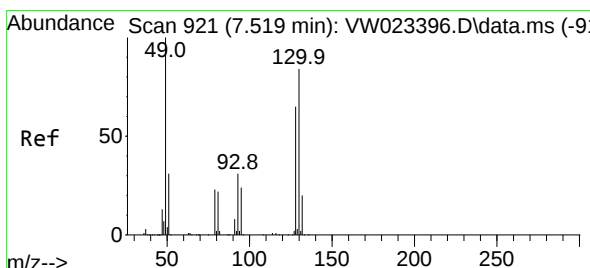
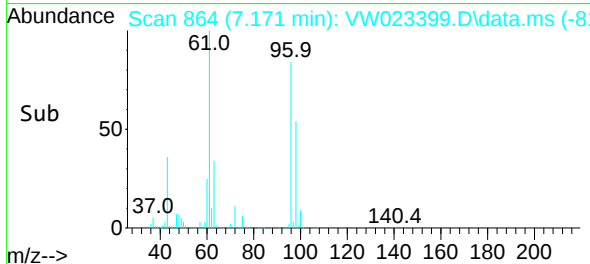
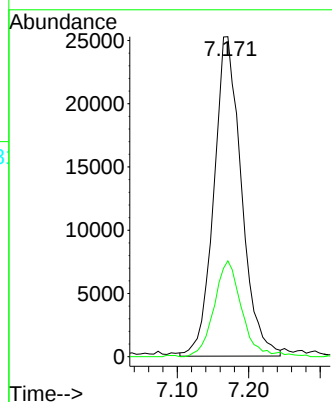
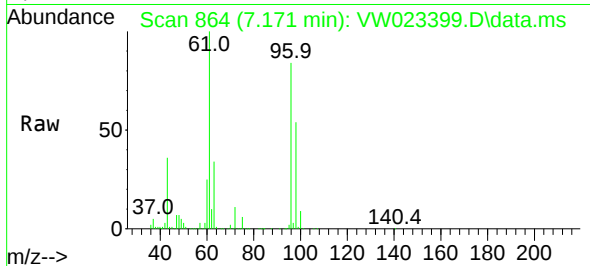




#22
2-Butanone
Concen: 48.646 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

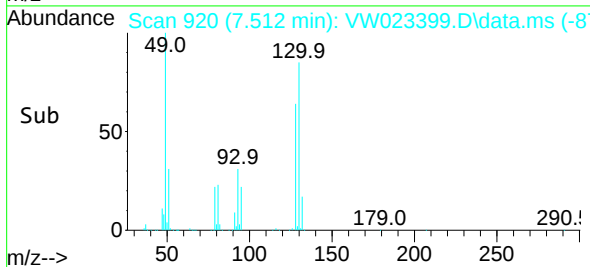
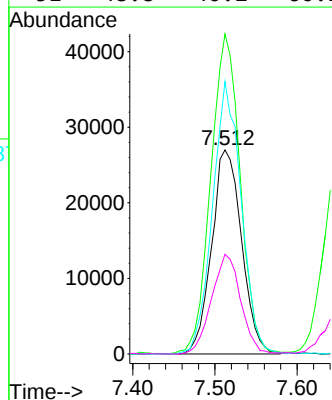
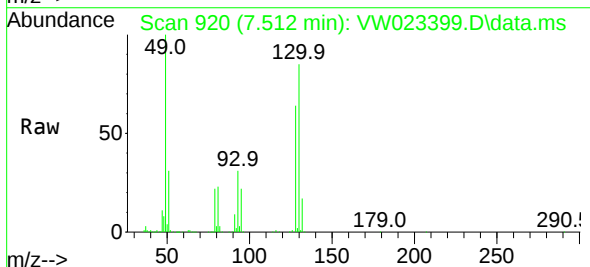
Instrument :
MSVOA_W
ClientSampleId :
VSTD025418

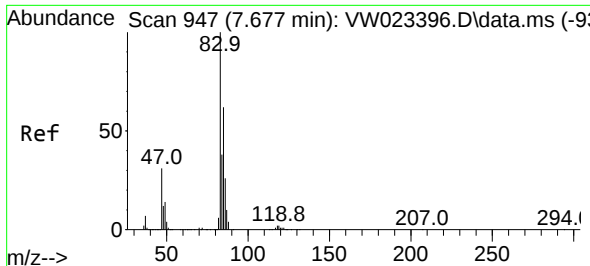
Tgt Ion: 43 Resp: 67730
Ion Ratio Lower Upper
43 100
72 29.3 15.1 45.3



#23
Bromochloromethane
Concen: 24.473 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

Tgt Ion: 128 Resp: 68344
Ion Ratio Lower Upper
128 100
49 156.8 110.0 204.4
130 133.5 94.8 176.0
51 48.8 40.2 60.2

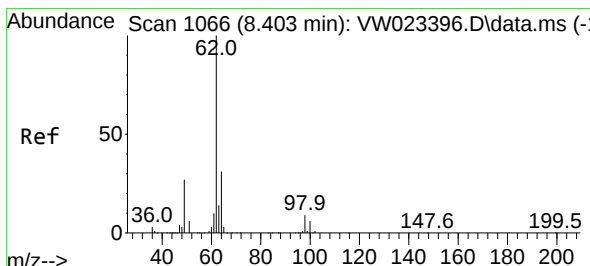
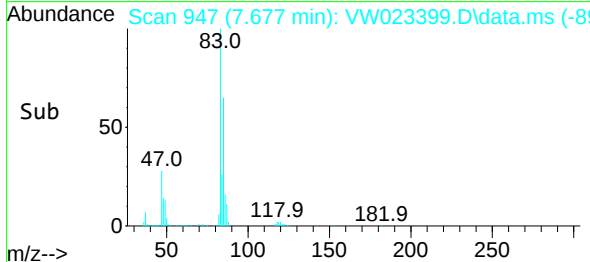
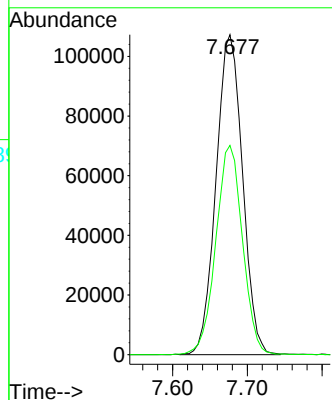
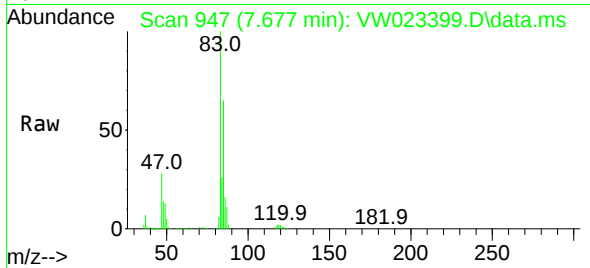




#25
Chloroform
Concen: 25.512 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

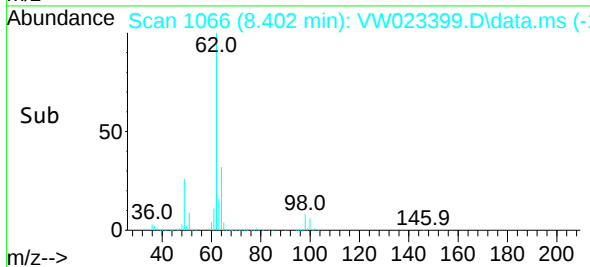
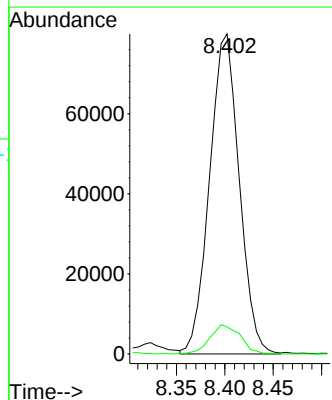
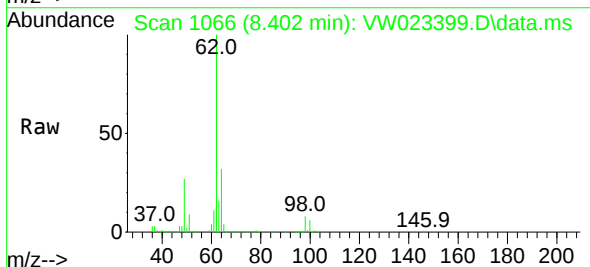
Instrument :
MSVOA_W
ClientSampleId :
VSTD025418

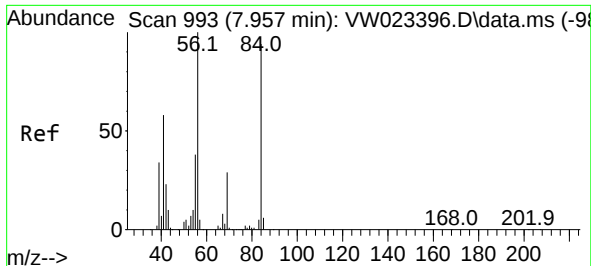
Tgt Ion: 83 Resp: 264825
Ion Ratio Lower Upper
83 100
85 65.4 46.6 86.6



#27
1,2-Dichloroethane
Concen: 25.341 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

Tgt Ion: 62 Resp: 170412
Ion Ratio Lower Upper
62 100
98 8.4 7.2 10.8





#29

Cyclohexane

Concen: 27.045 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025418

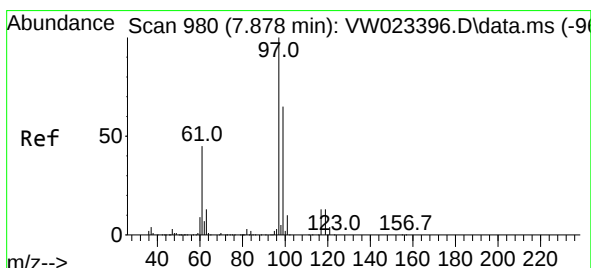
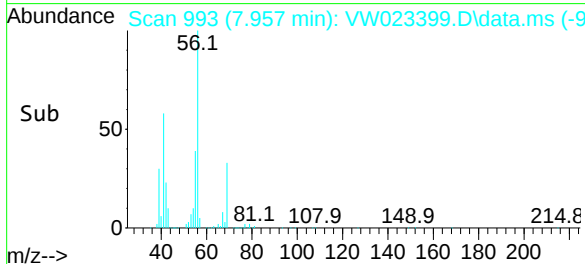
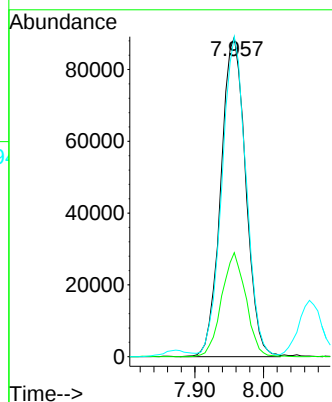
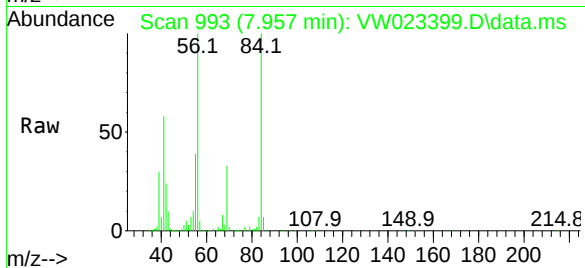
Tgt Ion: 56 Resp: 223611

Ion Ratio Lower Upper

56 100

69 31.8 25.6 38.4

84 97.9 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 26.748 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.006 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

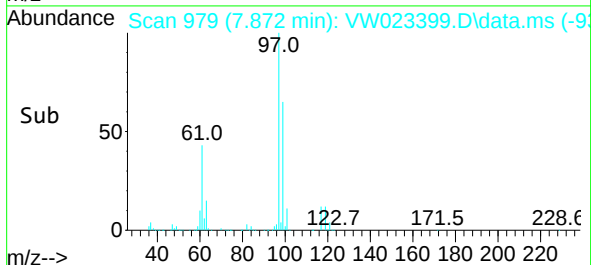
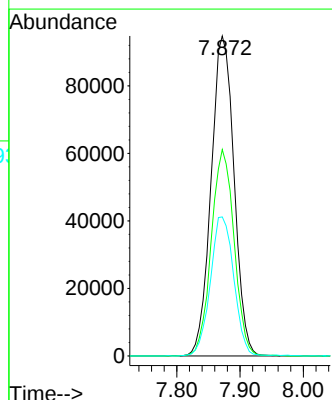
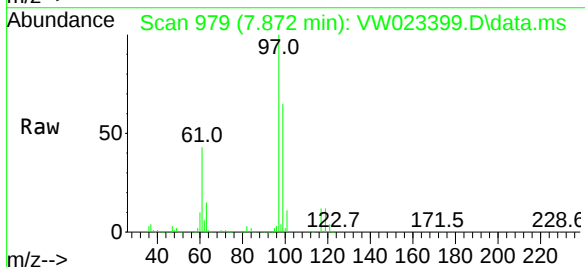
Tgt Ion: 97 Resp: 239111

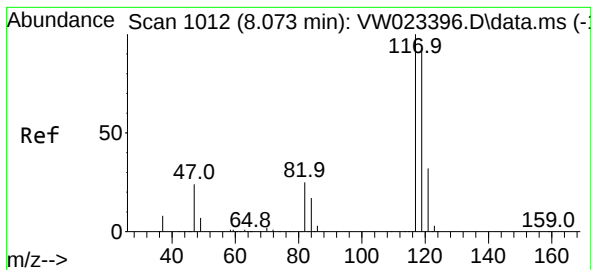
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

61 44.4 34.8 52.2





#31

Carbon tetrachloride

Concen: 26.907 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.006 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

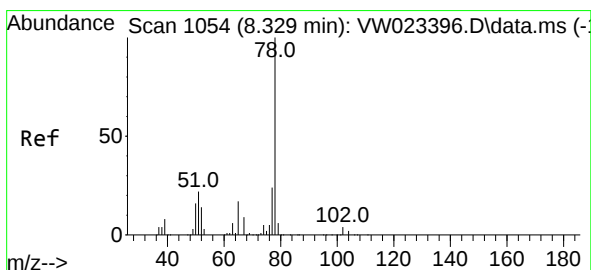
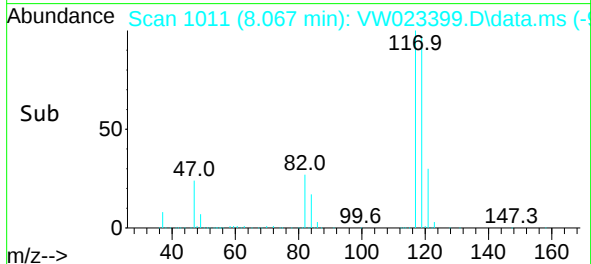
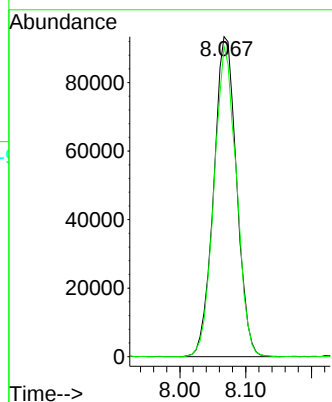
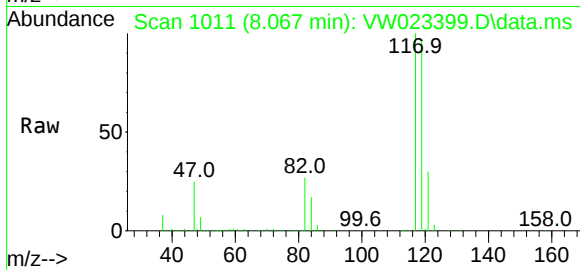
VSTD025418

Tgt Ion:117 Resp: 226060

Ion Ratio Lower Upper

117 100

119 95.1 76.6 115.0



#33

Benzene

Concen: 26.439 ug/L

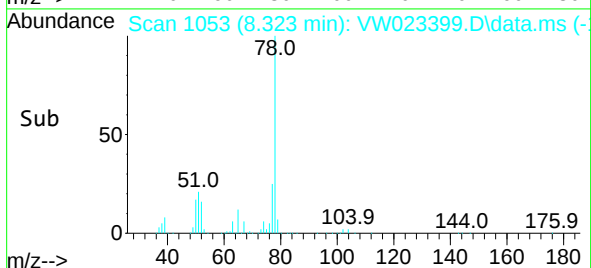
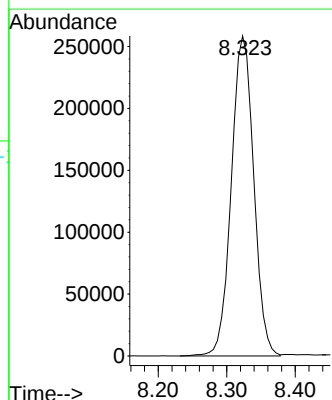
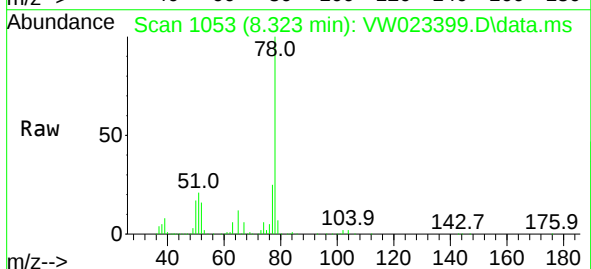
RT: 8.323 min Scan# 1053

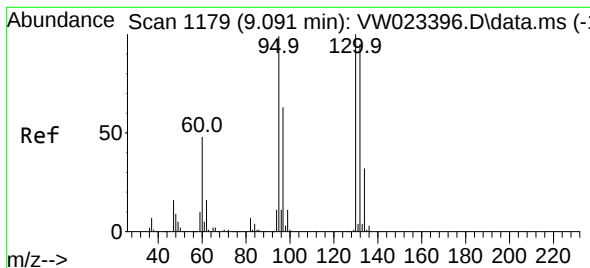
Delta R.T. -0.006 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

Tgt Ion: 78 Resp: 587916





#34

Trichloroethene

Concen: 26.791 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025418

Tgt Ion: 95 Resp: 161372

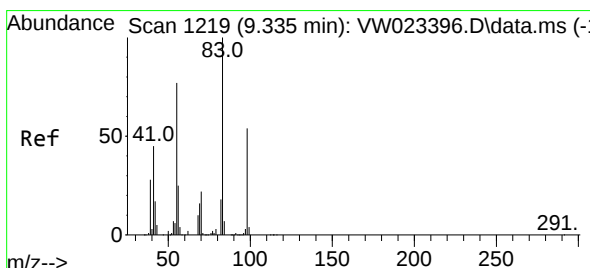
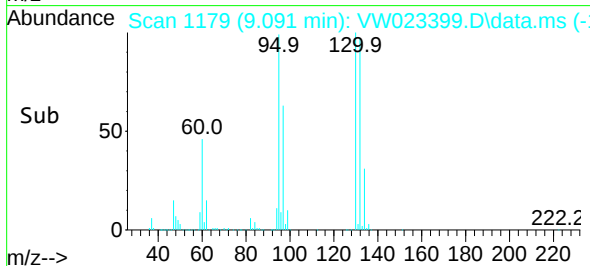
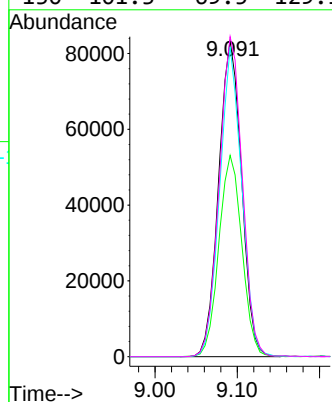
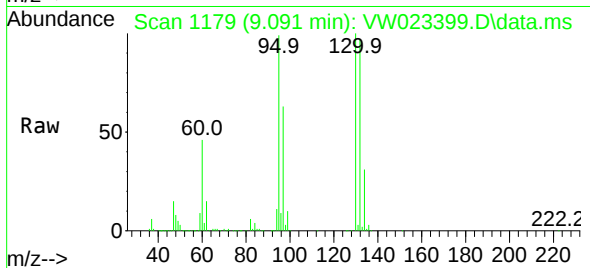
Ion Ratio Lower Upper

95 100

97 63.7 46.1 85.7

132 98.1 66.9 124.3

130 101.3 69.5 129.1



#35

Methylcyclohexane

Concen: 27.732 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

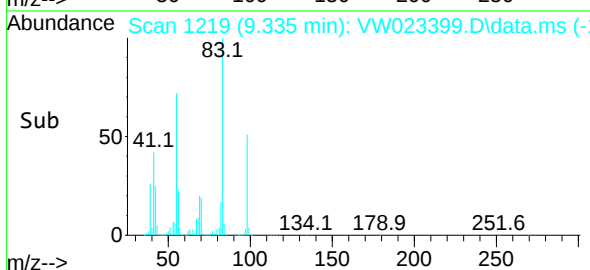
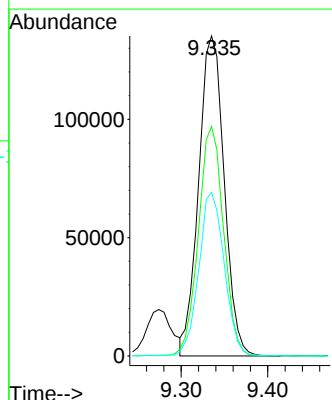
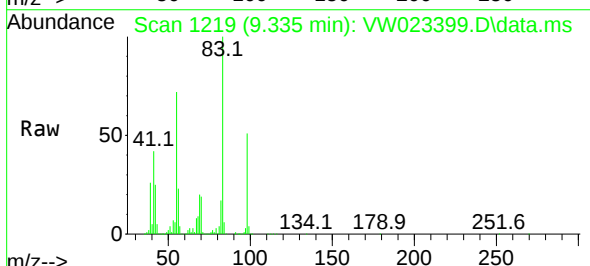
Tgt Ion: 83 Resp: 276660

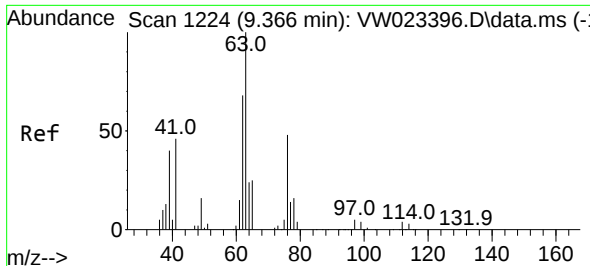
Ion Ratio Lower Upper

83 100

55 70.7 55.1 82.7

98 51.0 40.4 60.6





#37

1,2-Dichloropropane

Concen: 26.162 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

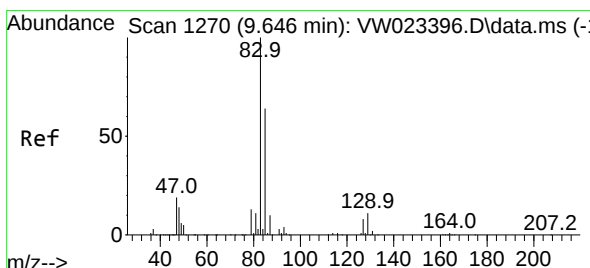
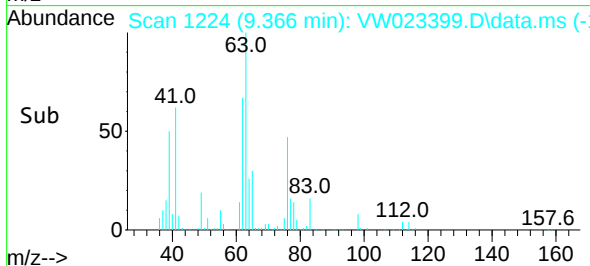
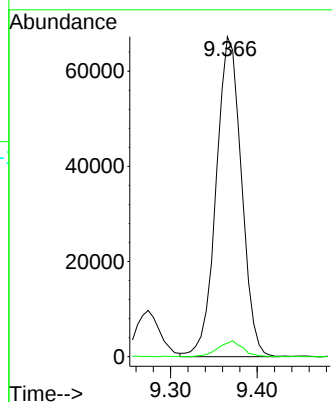
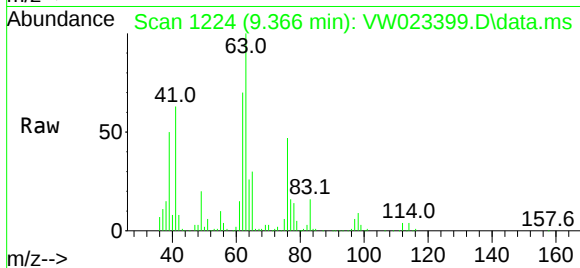
VSTD025418

Tgt Ion: 63 Resp: 136486

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 26.058 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

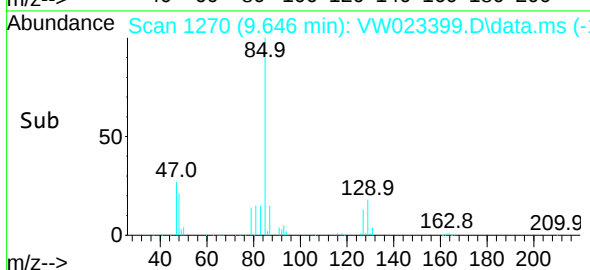
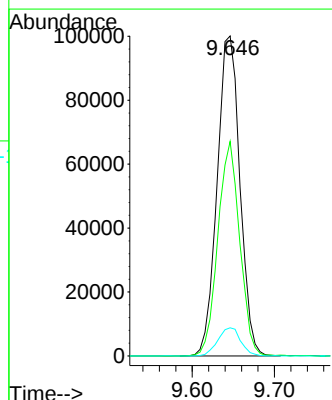
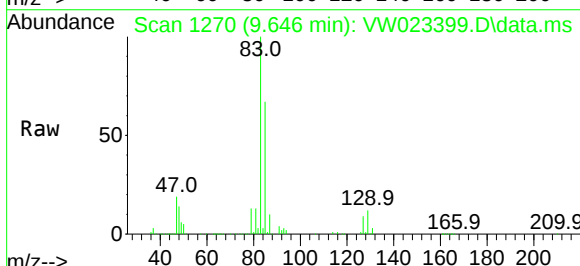
Tgt Ion: 83 Resp: 193042

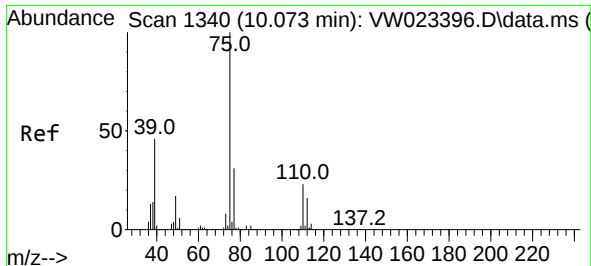
Ion Ratio Lower Upper

83 100

85 67.1 43.5 80.7

127 8.8 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 26.817 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

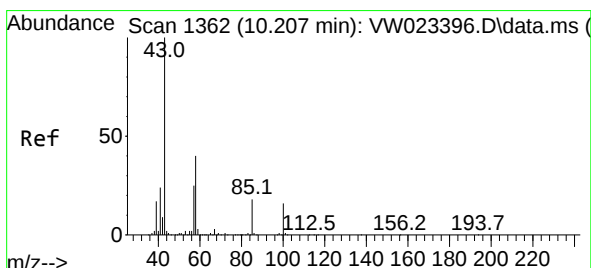
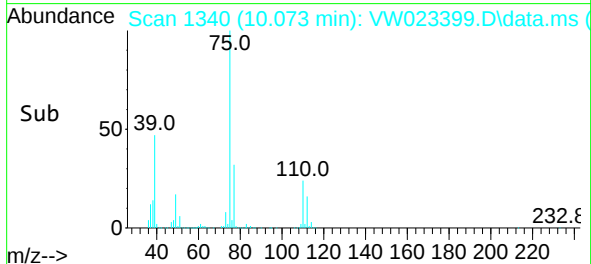
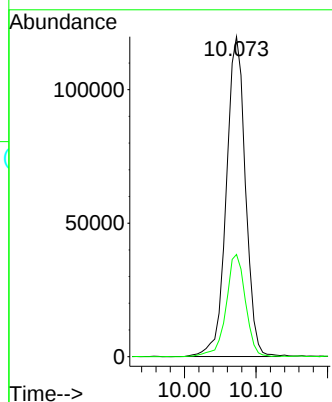
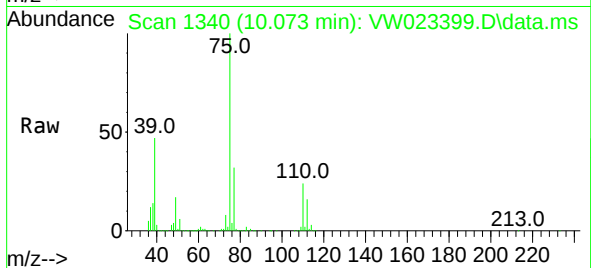
VSTD025418

Tgt Ion: 75 Resp: 222427

Ion Ratio Lower Upper

75 100

77 31.9 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 49.415 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

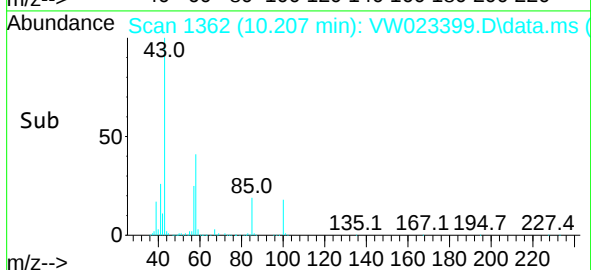
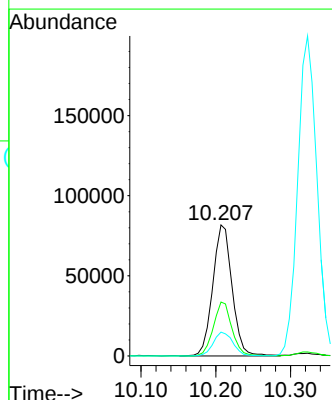
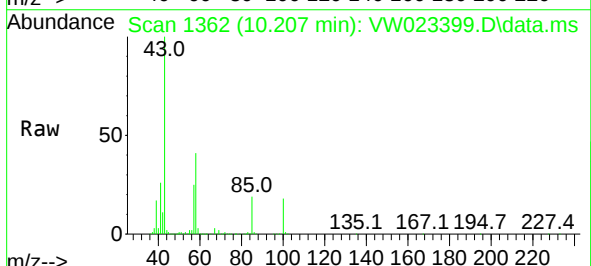
Tgt Ion: 43 Resp: 146828

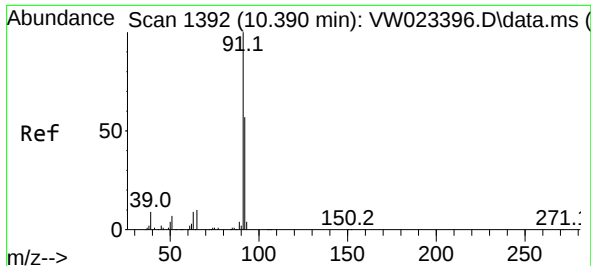
Ion Ratio Lower Upper

43 100

58 39.6 31.4 47.2

100 18.5 14.2 21.4

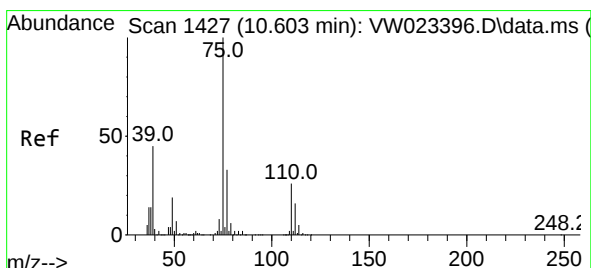
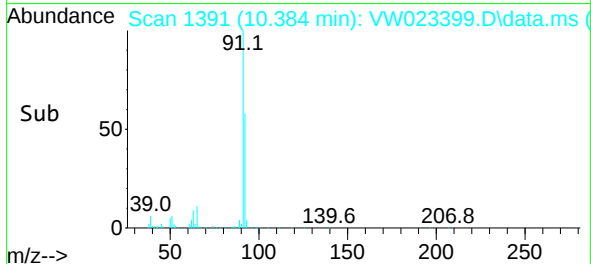
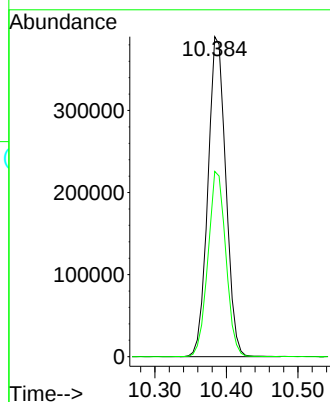
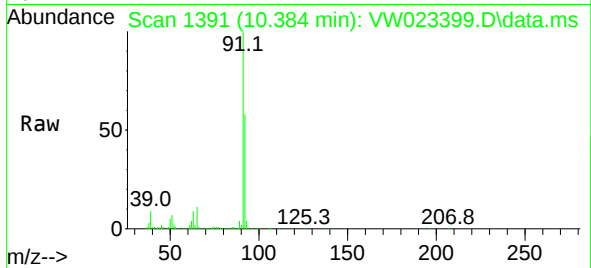




#42
Toluene
Concen: 27.398 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

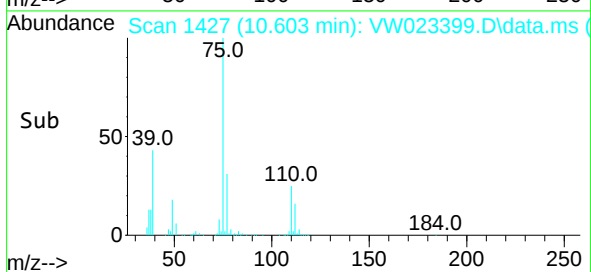
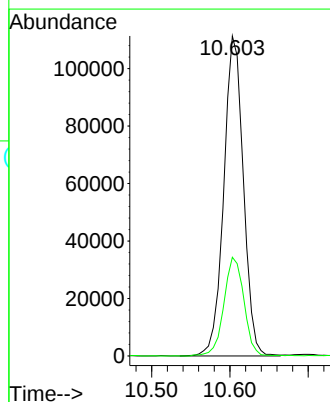
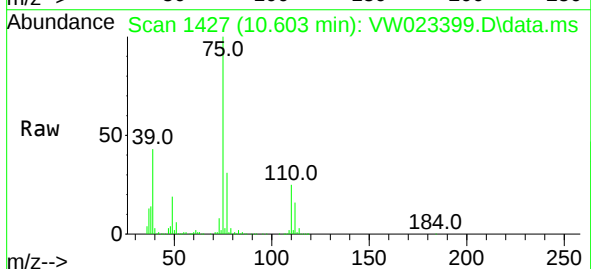
Instrument :
MSVOA_W
ClientSampleId :
VSTD025418

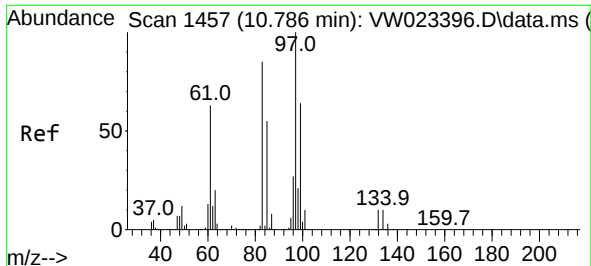
Tgt Ion: 91 Resp: 678241
Ion Ratio Lower Upper
91 100
92 57.9 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 26.206 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

Tgt Ion: 75 Resp: 193818
Ion Ratio Lower Upper
75 100
77 30.9 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 25.488 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025418

Tgt Ion: 97 Resp: 109228

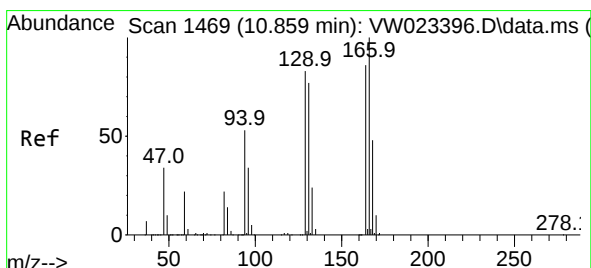
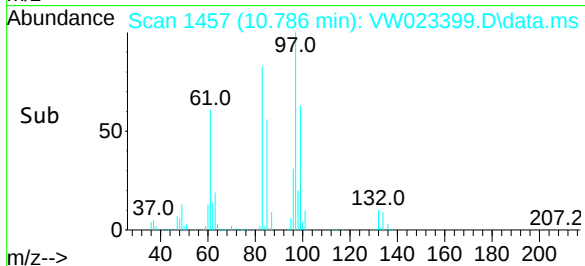
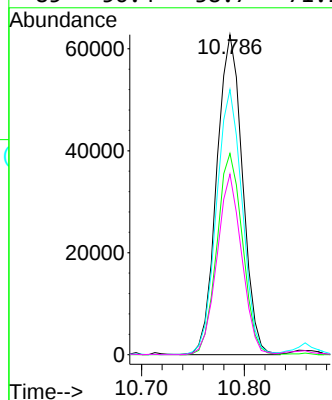
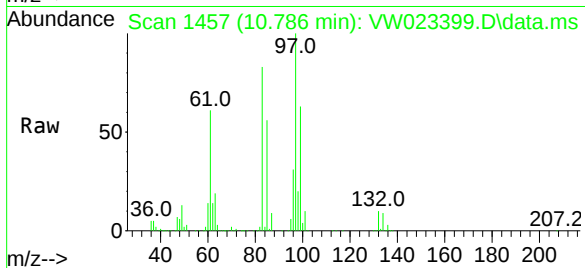
Ion Ratio Lower Upper

97 100

99 62.9 44.7 82.9

83 82.9 58.4 108.4

85 56.4 38.7 71.9



#46

Tetrachloroethene

Concen: 26.430 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

Tgt Ion:164 Resp: 126857

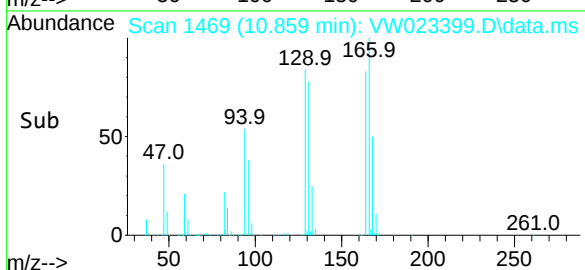
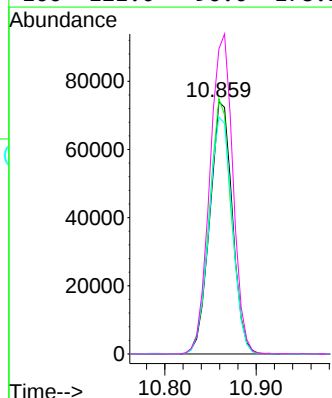
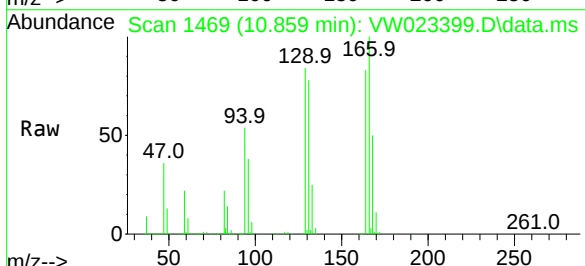
Ion Ratio Lower Upper

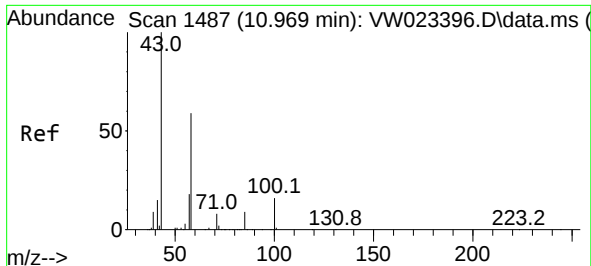
164 100

129 101.2 76.9 142.7

131 94.0 75.1 139.5

166 121.0 96.0 178.2





#48

2-Hexanone

Concen: 51.608 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025418

Tgt Ion: 43 Resp: 102395

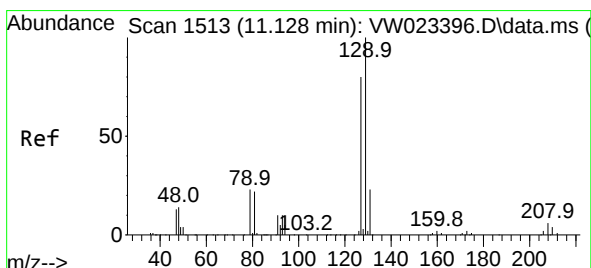
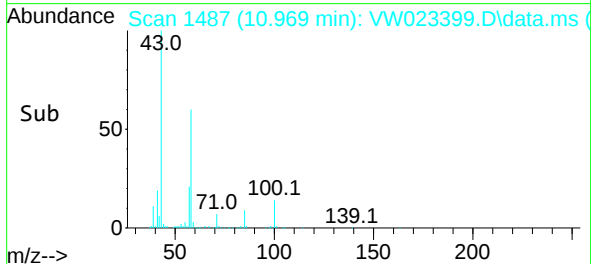
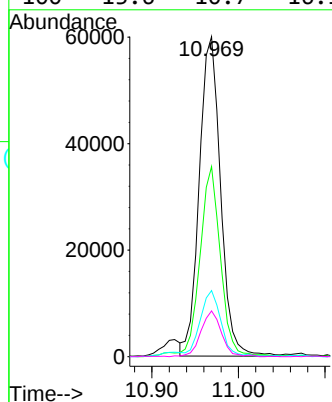
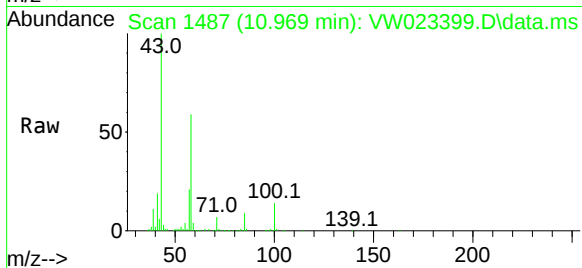
Ion Ratio Lower Upper

43 100

58 56.6 45.9 68.9

57 19.5 16.2 24.2

100 13.6 10.7 16.1



#49

Dibromochloromethane

Concen: 25.221 ug/L

RT: 11.127 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW023399.D

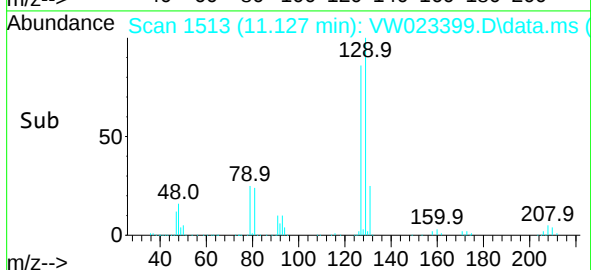
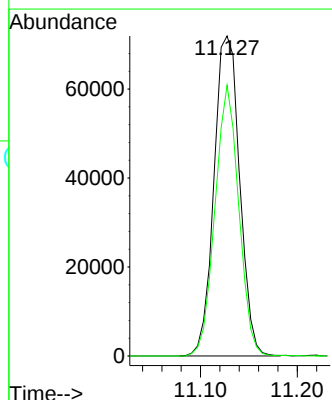
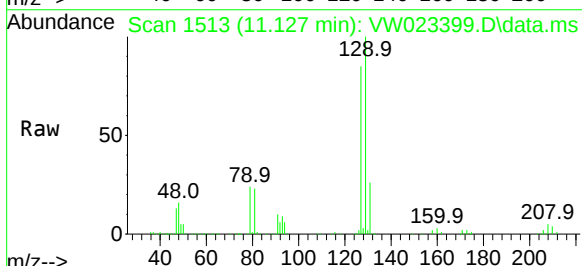
Acq: 06 Jun 2022 12:04

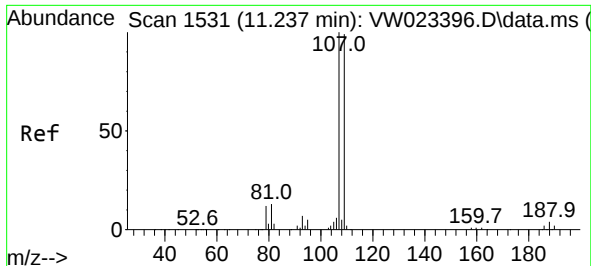
Tgt Ion: 129 Resp: 132527

Ion Ratio Lower Upper

129 100

127 84.6 53.8 100.0

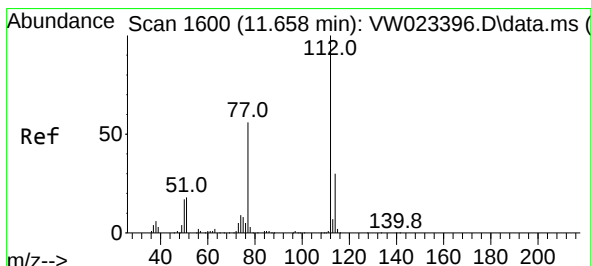
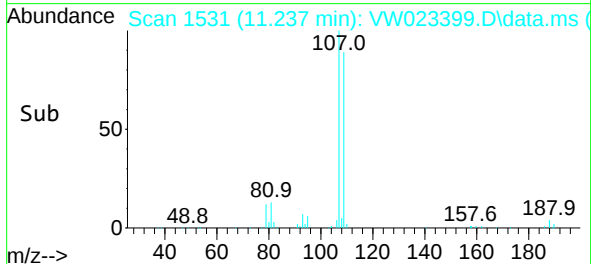
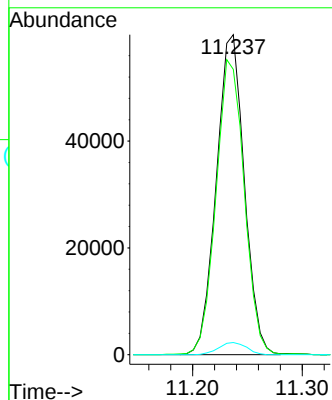
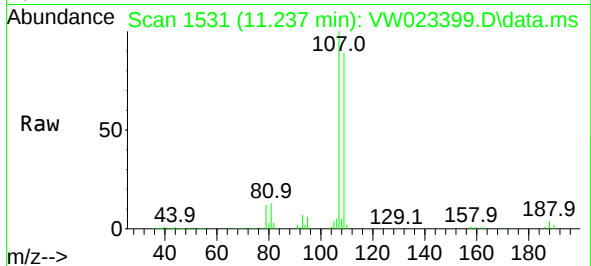




#50
1,2-Dibromoethane
Concen: 25.348 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

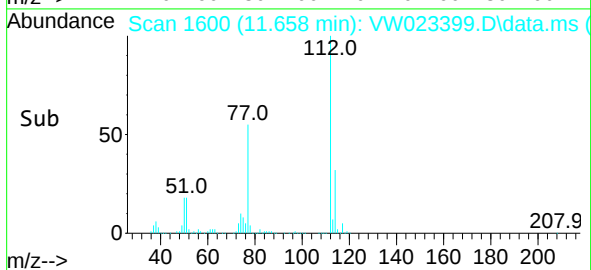
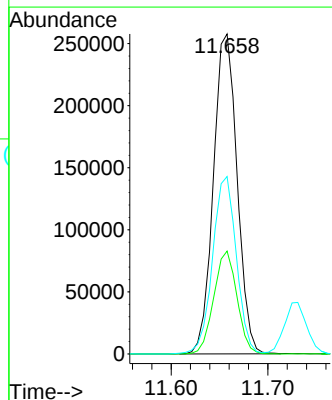
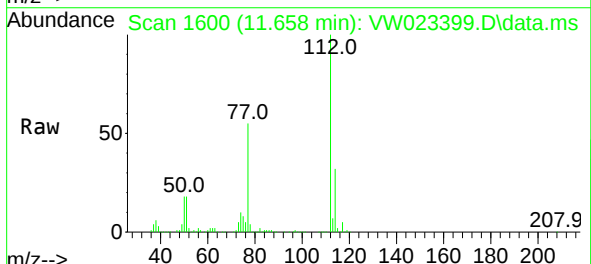
Instrument :
MSVOA_W
ClientSampleId :
VSTD025418

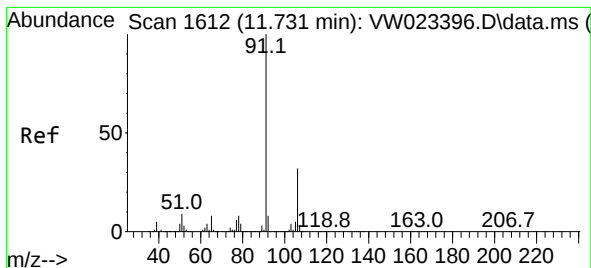
Tgt Ion:107 Resp: 106278
Ion Ratio Lower Upper
107 100
109 89.1 67.5 125.4
188 3.8 2.9 4.3



#51
Chlorobenzene
Concen: 26.814 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

Tgt Ion:112 Resp: 438952
Ion Ratio Lower Upper
112 100
114 32.2 22.0 41.0
77 55.5 42.6 63.8

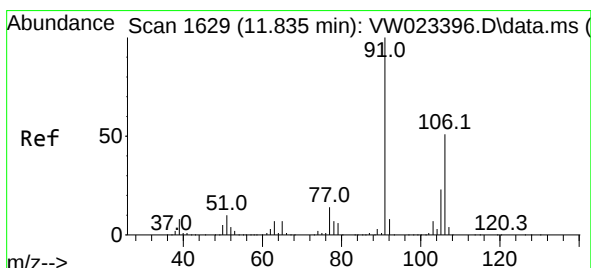
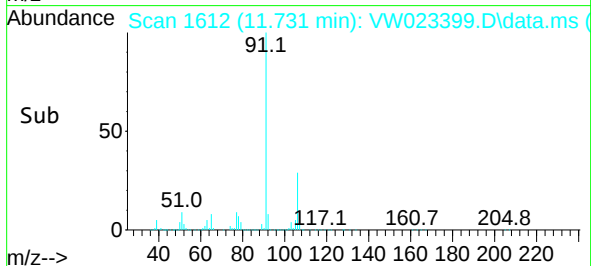
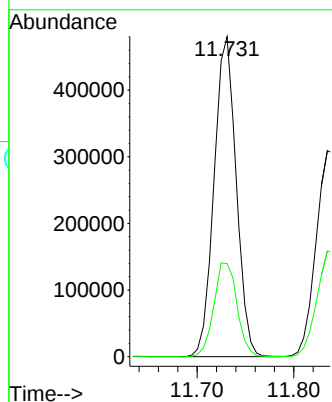
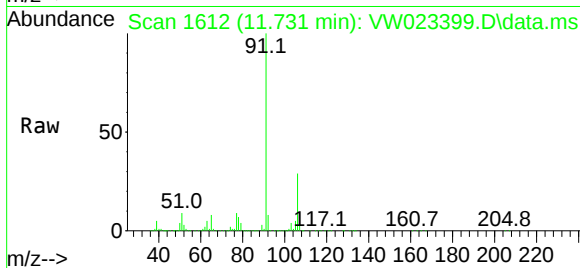




#52
Ethylbenzene
Concen: 28.038 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

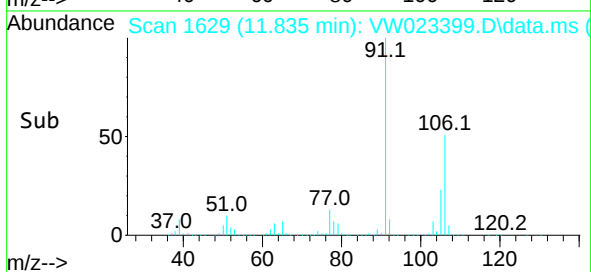
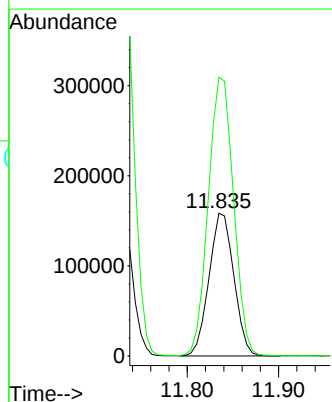
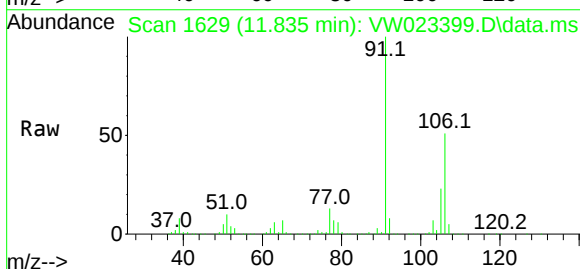
Instrument :
MSVOA_W
ClientSampleId :
VSTD025418

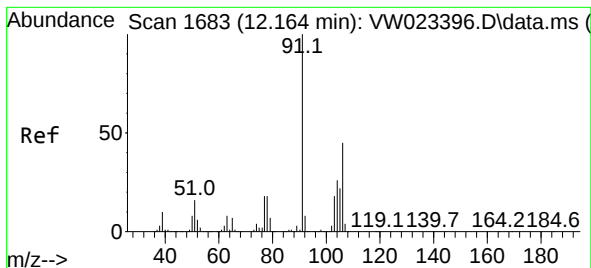
Tgt Ion: 91 Resp: 762820
Ion Ratio Lower Upper
91 100
106 29.1 22.3 41.3



#53
m,p-Xylene
Concen: 27.763 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

Tgt Ion: 106 Resp: 299218
Ion Ratio Lower Upper
106 100
91 195.2 136.8 254.0

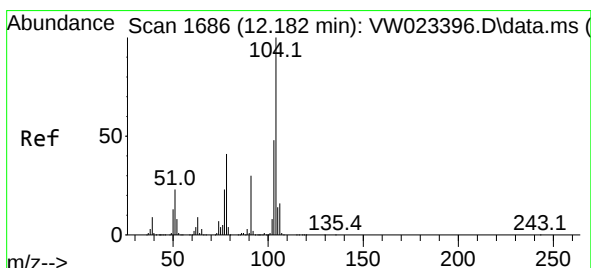
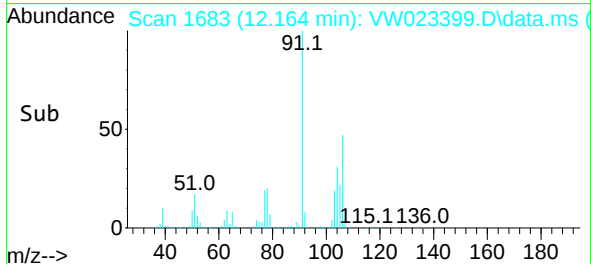
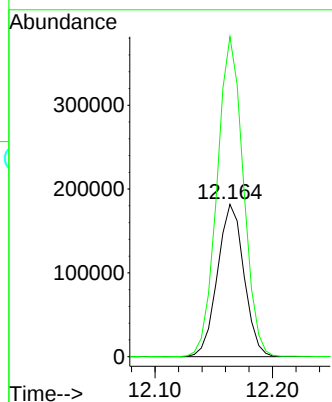
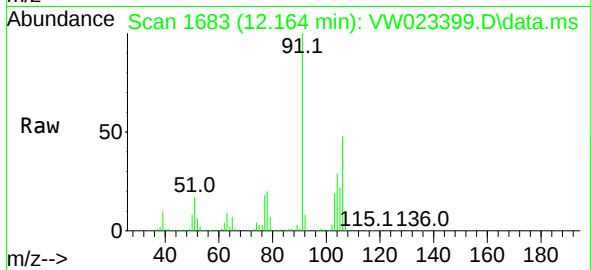




#54
o-Xylene
Concen: 27.600 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

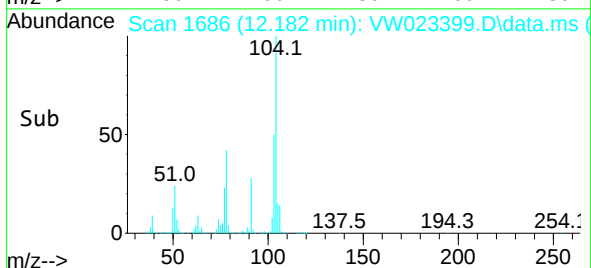
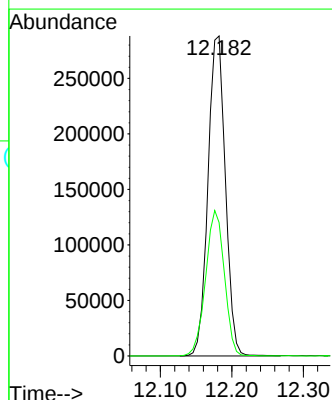
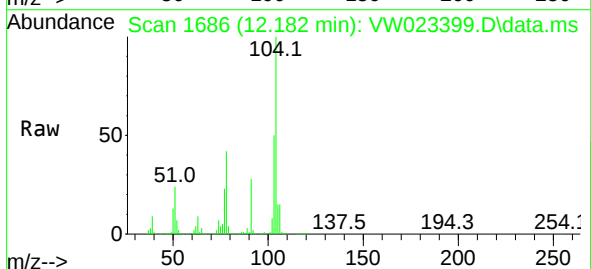
Instrument :
MSVOA_W
ClientSampleId :
VSTD025418

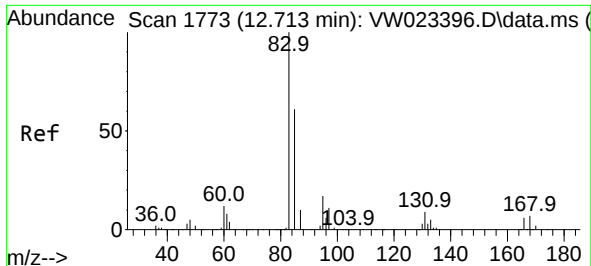
Tgt Ion:106 Resp: 284887
Ion Ratio Lower Upper
106 100
91 210.0 147.2 273.4



#55
Styrene
Concen: 27.704 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

Tgt Ion:104 Resp: 486716
Ion Ratio Lower Upper
104 100
78 41.7 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.047 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025418

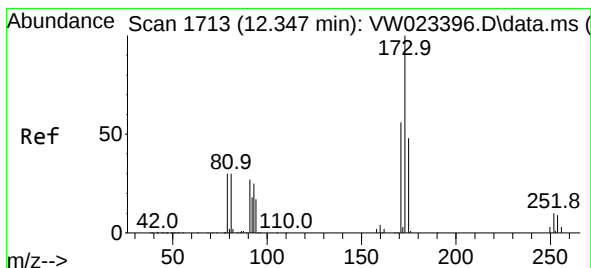
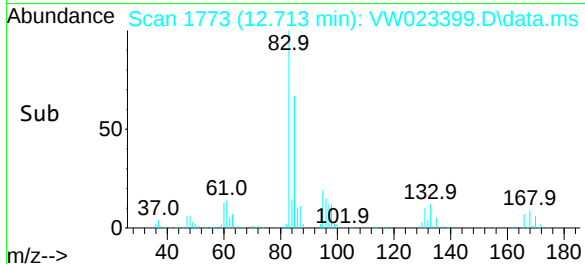
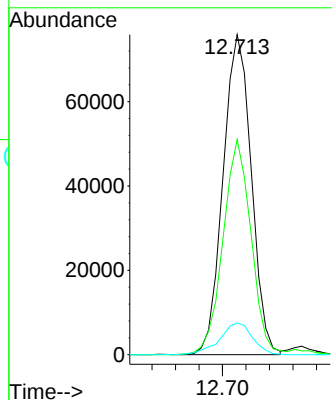
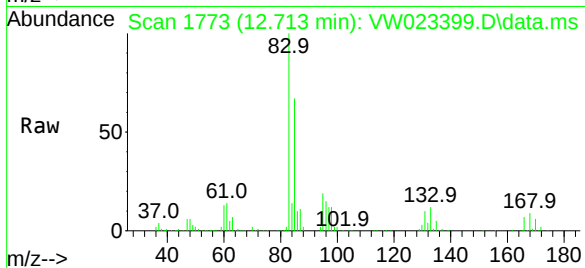
Tgt Ion: 83 Resp: 126913

Ion Ratio Lower Upper

83 100

85 67.3 47.5 88.1

131 9.9 8.7 13.1



#59

Bromoform

Concen: 25.119 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

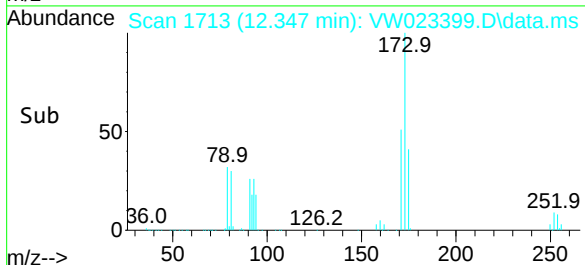
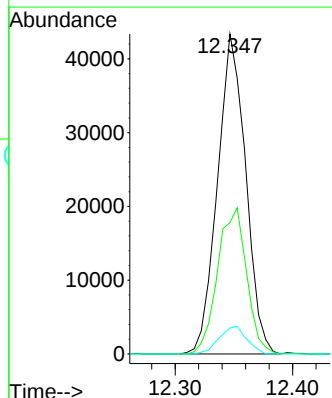
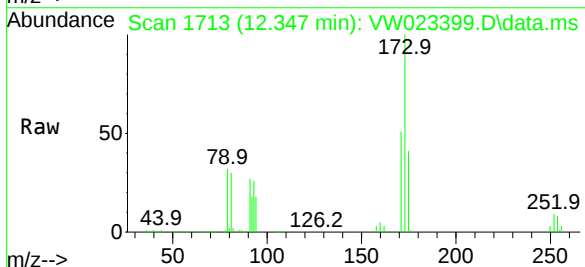
Tgt Ion: 173 Resp: 72318

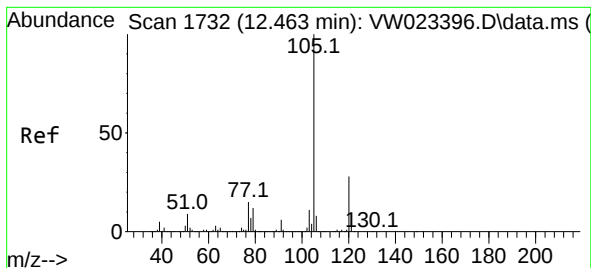
Ion Ratio Lower Upper

173 100

175 46.9 38.1 57.1

254 8.5 6.5 9.7





#60

Isopropylbenzene

Concen: 28.934 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025418

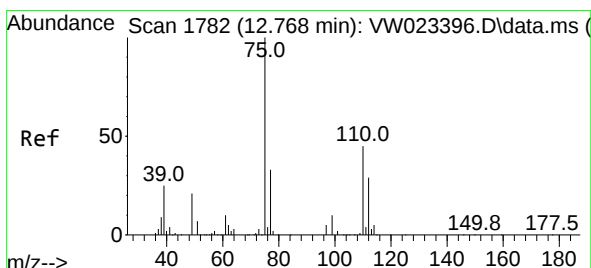
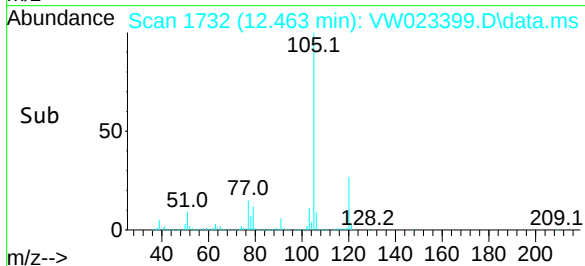
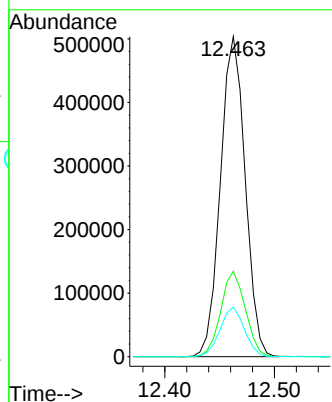
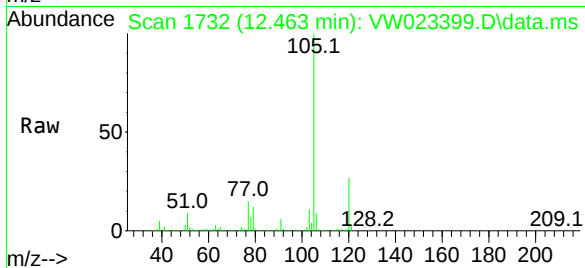
Tgt Ion:105 Resp: 789652

Ion Ratio Lower Upper

105 100

120 26.5 21.3 31.9

77 15.3 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 24.771 ug/L

RT: 12.767 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

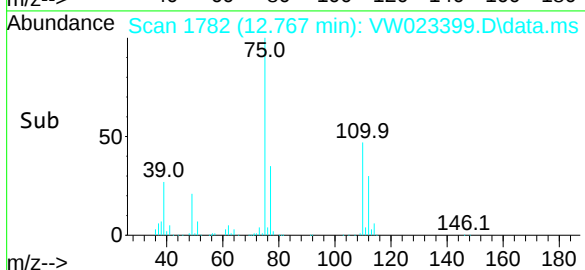
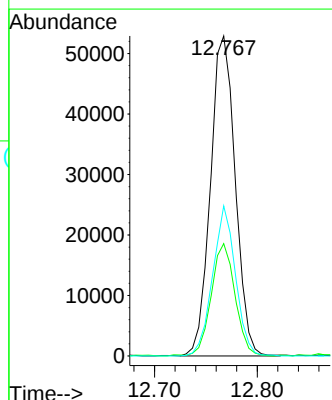
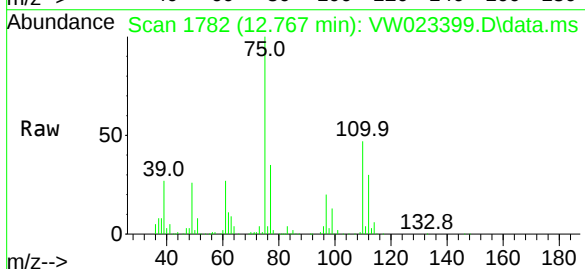
Tgt Ion: 75 Resp: 88586

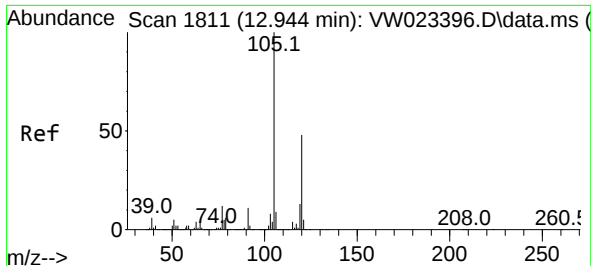
Ion Ratio Lower Upper

75 100

77 33.6 26.2 39.2

110 43.1 34.1 51.1

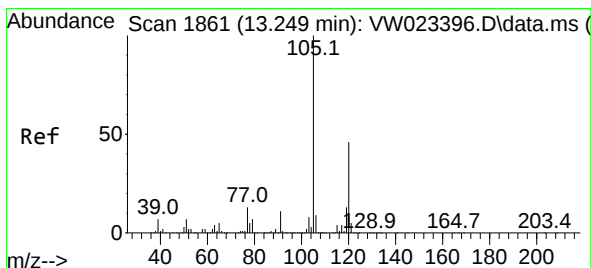
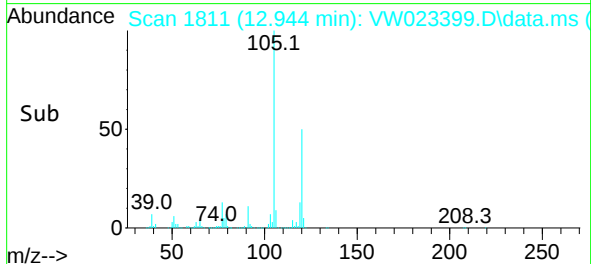
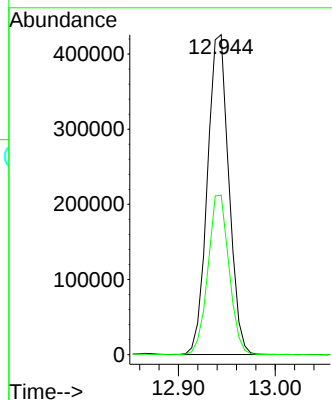
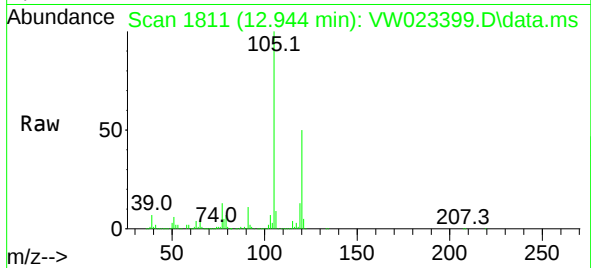




#62
1,3,5-Trimethylbenzene
Concen: 29.149 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

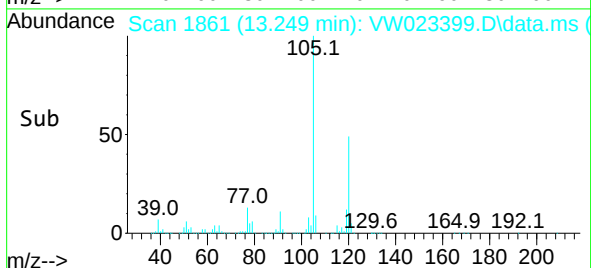
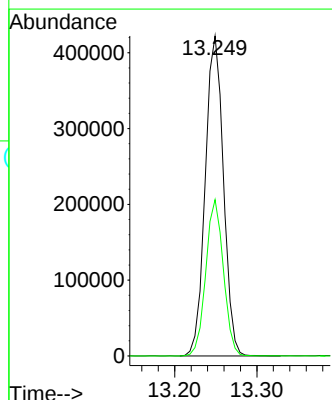
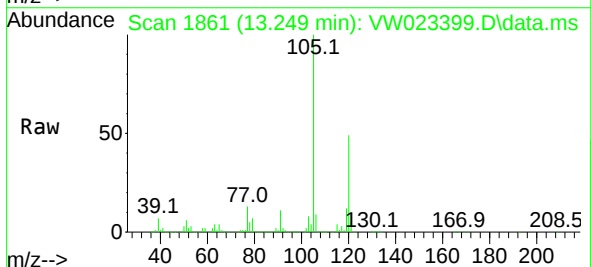
Instrument :
MSVOA_W
ClientSampleId :
VSTD025418

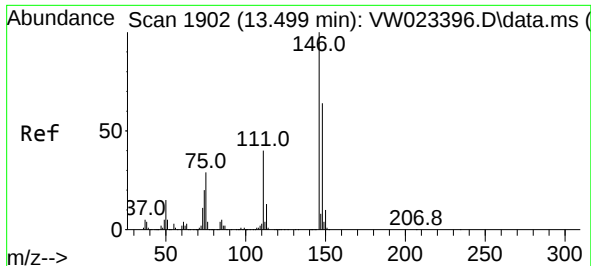
Tgt Ion:105 Resp: 654729
Ion Ratio Lower Upper
105 100
120 49.2 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 35.229 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

Tgt Ion:105 Resp: 648285
Ion Ratio Lower Upper
105 100
120 47.2 37.4 56.2

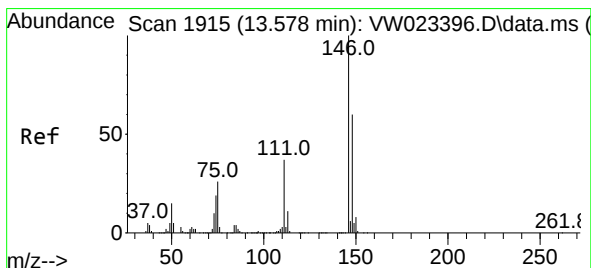
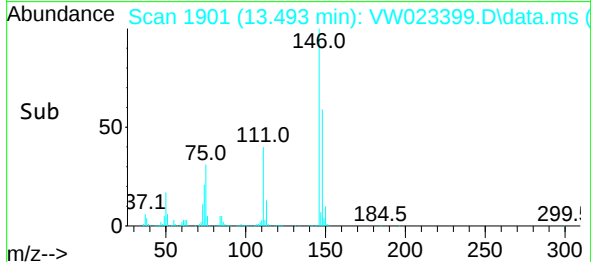
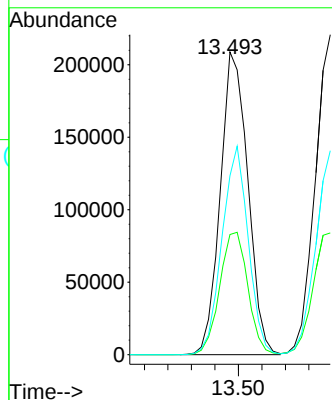
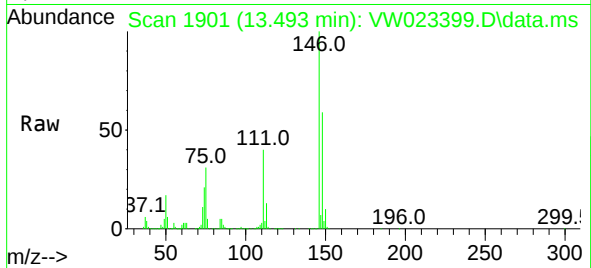




#64
1,3-Dichlorobenzene
Concen: 27.495 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

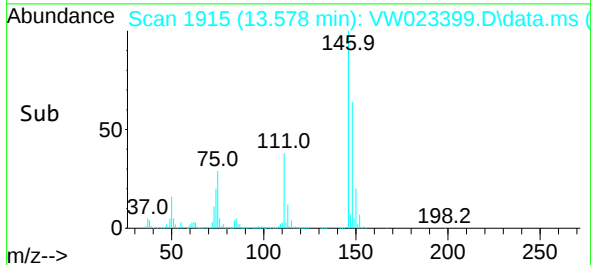
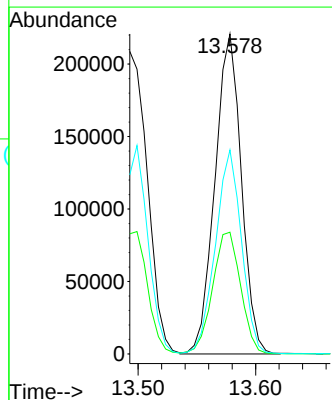
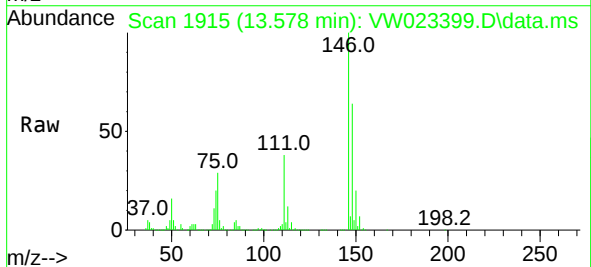
Instrument :
MSVOA_W
ClientSampleId :
VSTD025418

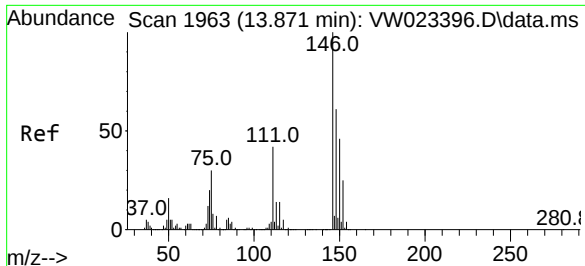
Tgt Ion:146 Resp: 340567
Ion Ratio Lower Upper
146 100
111 39.7 29.5 54.9
148 59.1 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 27.202 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023399.D
Acq: 06 Jun 2022 12:04

Tgt Ion:146 Resp: 345673
Ion Ratio Lower Upper
146 100
111 38.1 27.2 50.4
148 63.7 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 27.422 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025418

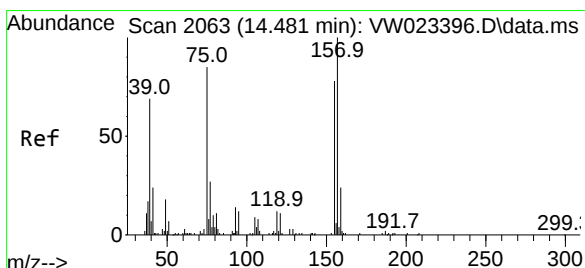
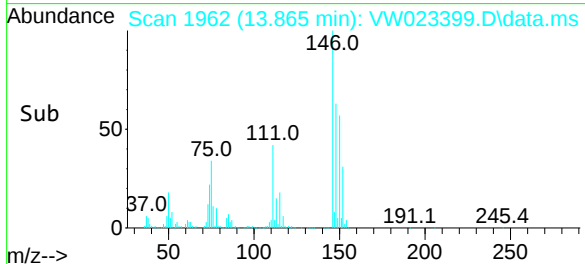
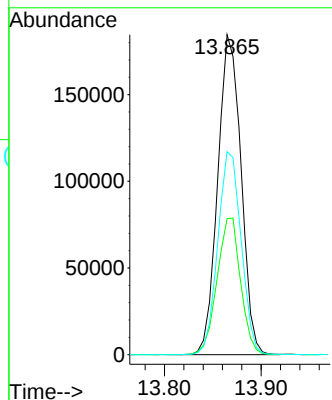
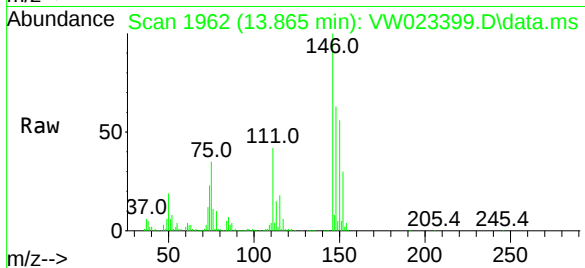
Tgt Ion:146 Resp: 308907

Ion Ratio Lower Upper

146 100

111 42.5 35.7 53.5

148 63.5 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.826 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

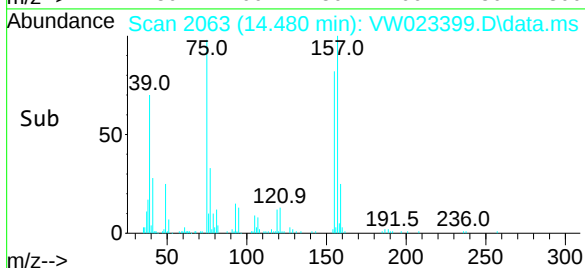
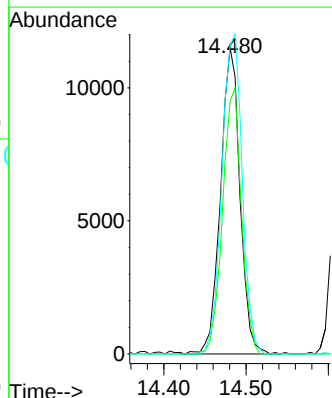
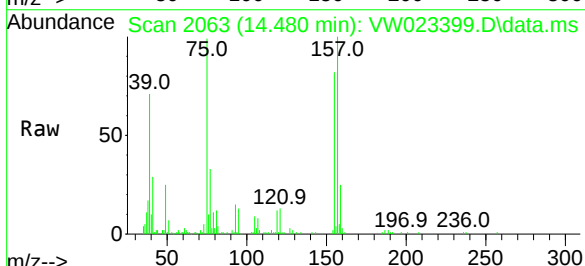
Tgt Ion: 75 Resp: 18903

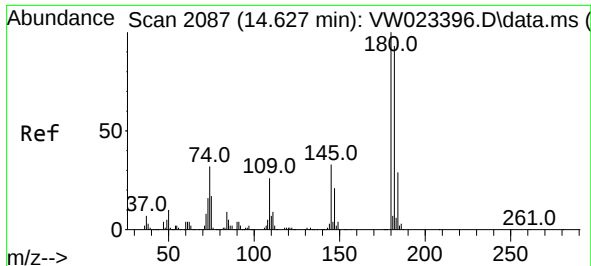
Ion Ratio Lower Upper

75 100

155 82.4 59.3 88.9

157 100.6 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 27.922 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW023399.D

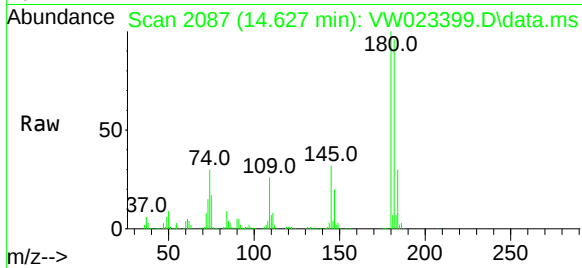
Acq: 06 Jun 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025418



Tgt Ion:180 Resp: 228303

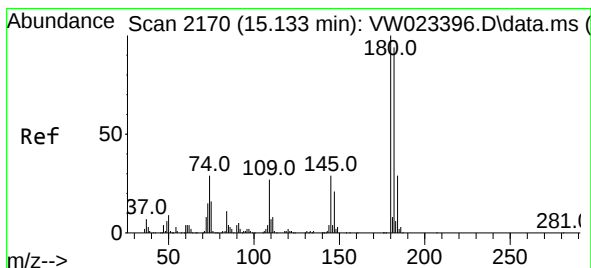
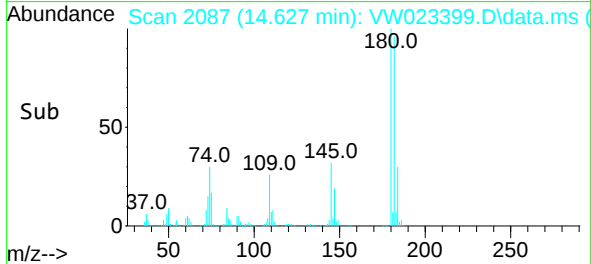
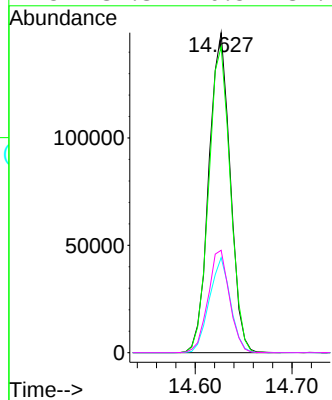
Ion Ratio Lower Upper

180 100

182 96.8 74.8 112.2

184 29.4 23.4 35.2

145 32.3 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 27.914 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

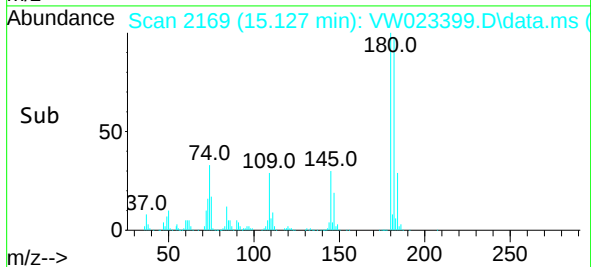
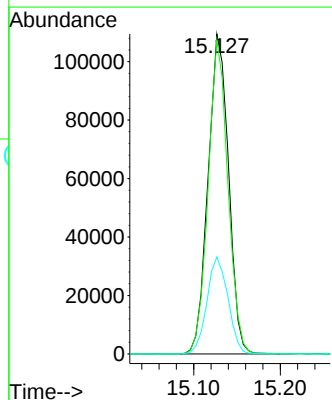
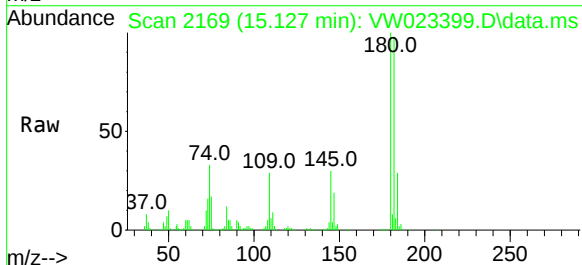
Tgt Ion:180 Resp: 180181

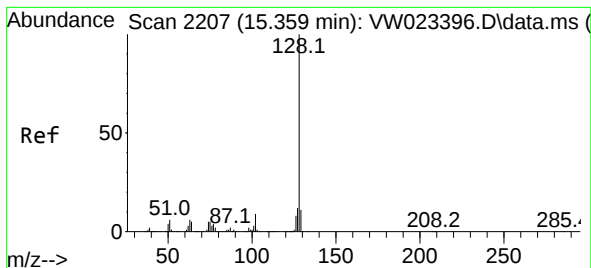
Ion Ratio Lower Upper

180 100

182 94.6 74.9 112.3

145 31.1 26.6 39.8





#71

Naphthalene

Concen: 27.937 ug/L

RT: 15.364 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025418

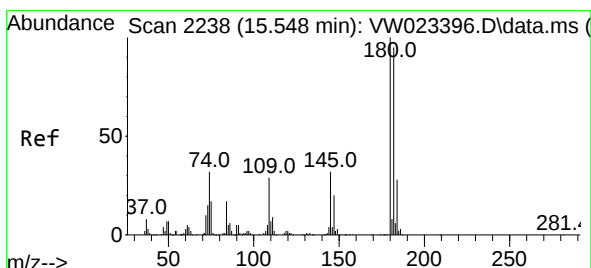
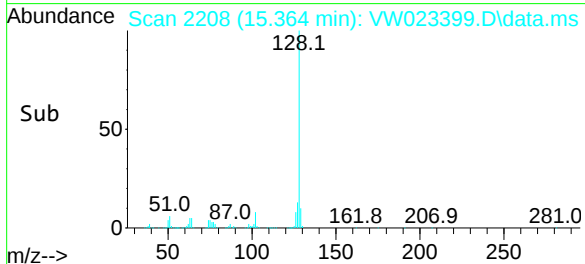
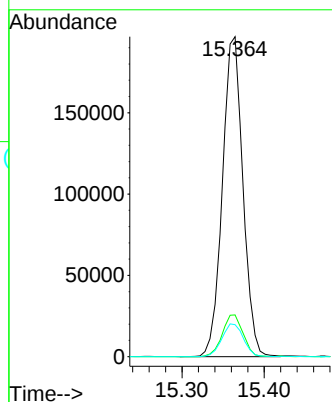
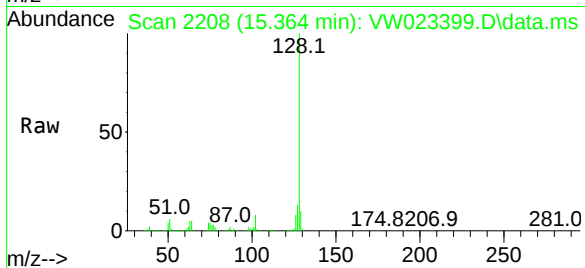
Tgt Ion:128 Resp: 341048

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 26.780 ug/L

RT: 15.547 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW023399.D

Acq: 06 Jun 2022 12:04

Tgt Ion:180 Resp: 150924

Ion Ratio Lower Upper

180 100

182 92.8 73.5 110.3

145 35.3 27.9 41.9

